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

Order ID : Q1982

Project ID : South River WM Replacement

Client : CDM Smith

Lab Sample Number	Client Sample Number
Q1982-01	TP-1
Q1982-02	TP-2B
Q1982-03	TP-3
Q1982-04	TP-4
Q1982-05	TP-5
Q1982-06	TP-6
Q1982-07	TP-8
Q1982-08	TP-9

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: 5/20/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q1982**

	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: **PRATHA PARGHI** **Date:** **05/20/2025**

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LAB CHRONICLE

OrderID:	Q1982	**OrderDate:**	5/7/2025 3:20:42 PM
Client:	CDM Smith	**Project:**	South River WM Replacement
Contact:	Marcie Ann Encinas	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1982-01	**TP-1**	**SOIL**			**05/06/25**			**05/07/25**
			SVOC-TCL BNA -20	8270E		05/12/25	05/14/25	
Q1982-02	**TP-2B**	**SOIL**			**05/06/25**			**05/07/25**
			SVOC-TCL BNA -20	8270E		05/12/25	05/14/25	
Q1982-03	**TP-3**	**SOIL**			**05/06/25**			**05/07/25**
			SVOC-TCL BNA -20	8270E		05/12/25	05/14/25	
Q1982-04	**TP-4**	**SOIL**			**05/07/25**			**05/07/25**
			SVOC-TCL BNA -20	8270E		05/12/25	05/16/25	
Q1982-05	**TP-5**	**SOIL**			**05/07/25**			**05/07/25**
			SVOC-TCL BNA -20	8270E		05/12/25	05/15/25	
Q1982-06	**TP-6**	**SOIL**			**05/07/25**			**05/07/25**
			SVOC-TCL BNA -20	8270E		05/12/25	05/15/25	
Q1982-07	**TP-8**	**SOIL**			**05/07/25**			**05/07/25**
			SVOC-TCL BNA -20	8270E		05/12/25	05/15/25	
Q1982-08	**TP-9**	**SOIL**			**05/07/25**			**05/07/25**
			SVOC-TCL BNA -20	8270E		05/13/25	05/15/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1982

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : TP-1									
Q1982-01	TP-1	SOIL	Bis(2-ethylhexyl)phthalate		180.000	J	73	210	ug/Kg
			Total Svoc :		**180.00**				
Q1982-01	TP-1	SOIL	Cycloeicosane	*	190.000	J	0	0	ug/Kg
Q1982-01	TP-1	SOIL	n-Hexadecanoic acid	*	390.000	J	0	0	ug/Kg
Q1982-01	TP-1	SOIL	Octadecanoic acid	*	100.000	J	0	0	ug/Kg
Q1982-01	TP-1	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	280.000	AB	0	0	ug/Kg
Q1982-01	TP-1	SOIL	Benzophenone	*	330.000	J	0	0	ug/Kg
			Total Tics :		**1,290.00**				
			Total Concentration:		**1,470.00**				
Client ID : TP-2B									
Q1982-02	TP-2B	SOIL	Bis(2-ethylhexyl)phthalate		180.000	J	69.6	200	ug/Kg
			Total Svoc :		**180.00**				
Q1982-02	TP-2B	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	250.000	AB	0	0	ug/Kg
Q1982-02	TP-2B	SOIL	Benzophenone	*	290.000	J	0	0	ug/Kg
Q1982-02	TP-2B	SOIL	n-Hexadecanoic acid	*	230.000	J	0	0	ug/Kg
Q1982-02	TP-2B	SOIL	Pentadecafluorooctanoic acid, pen	*	150.000	J	0	0	ug/Kg
			Total Tics :		**920.00**				
			Total Concentration:		**1,100.00**				
Client ID : TP-3									
Q1982-03	TP-3	SOIL	Bis(2-ethylhexyl)phthalate		170.000	J	65.1	190	ug/Kg
			Total Svoc :		**170.00**				
Q1982-03	TP-3	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	290.000	AB	0	0	ug/Kg
Q1982-03	TP-3	SOIL	Benzophenone	*	250.000	J	0	0	ug/Kg
Q1982-03	TP-3	SOIL	Cycloeicosane	*	140.000	J	0	0	ug/Kg
Q1982-03	TP-3	SOIL	n-Hexadecanoic acid	*	370.000	J	0	0	ug/Kg
			Total Tics :		**1,050.00**				
			Total Concentration:		**1,220.00**				
Client ID : TP-4									
Q1982-04	TP-4	SOIL	Fluorene		100.000	J	28.9	190	ug/Kg
Q1982-04	TP-4	SOIL	Phenanthrene		230.000		23.9	190	ug/Kg
Q1982-04	TP-4	SOIL	Anthracene		92.800	J	38.1	190	ug/Kg
Q1982-04	TP-4	SOIL	Fluoranthene		510.000		34.3	190	ug/Kg
Q1982-04	TP-4	SOIL	Pyrene		450.000		41.2	190	ug/Kg
Q1982-04	TP-4	SOIL	Benzo(a)anthracene		290.000		26.3	190	ug/Kg
Q1982-04	TP-4	SOIL	Chrysene		260.000		22.8	190	ug/Kg
Q1982-04	TP-4	SOIL	Bis(2-ethylhexyl)phthalate		180.000	J	67.7	190	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1982

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1982-04	TP-4	SOIL	Benzo(b)fluoranthene	380.000		21.7	190	ug/Kg
Q1982-04	TP-4	SOIL	Benzo(k)fluoranthene	110.000	J	25.6	190	ug/Kg
Q1982-04	TP-4	SOIL	Benzo(a)pyrene	280.000		33.7	190	ug/Kg
Q1982-04	TP-4	SOIL	Indeno(1,2,3-cd)pyrene	110.000	J	33.3	190	ug/Kg
Q1982-04	TP-4	SOIL	Benzo(g,h,i)perylene	140.000	J	29.4	190	ug/Kg
			Total Svoc :	**3,132.80**				
Q1982-04	TP-4	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	260.000	AB	0	0	ug/Kg
Q1982-04	TP-4	SOIL	4H-Cyclopenta[def]phenanthrene *	140.000	J	0	0	ug/Kg
Q1982-04	TP-4	SOIL	n-Hexadecanoic acid *	310.000	J	0	0	ug/Kg
Q1982-04	TP-4	SOIL	Benzophenone *	140.000	J	0	0	ug/Kg
Q1982-04	TP-4	SOIL	Fluoranthene, 2-methyl- *	98.700	J	0	0	ug/Kg
Q1982-04	TP-4	SOIL	Heptafluorobutyric acid, pentadec *	140.000	J	0	0	ug/Kg
			Total Tics :	**1,088.70**				
			Total Concentration:	**4,221.50**				
Client ID :	**TP-5**							
Q1982-05	TP-5	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	240.000	AB	0	0	ug/Kg
Q1982-05	TP-5	SOIL	5-Bromo-4-oxo-4,5,6,7-tetrahydrc *	490.000	J	0	0	ug/Kg
Q1982-05	TP-5	SOIL	Benzophenone *	97.900	J	0	0	ug/Kg
Q1982-05	TP-5	SOIL	n-Hexadecanoic acid *	190.000	J	0	0	ug/Kg
Q1982-05	TP-5	SOIL	Trifluoroacetoxy hexadecane *	120.000	J	0	0	ug/Kg
			Total Tics :	**1,137.90**				
			Total Concentration:	**1,137.90**				
Client ID :	**TP-6**							
Q1982-06	TP-6	SOIL	2,4a,8,8-Tetramethyldecahydrocyc *	180.000	J	0	0	ug/Kg
Q1982-06	TP-6	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	260.000	AB	0	0	ug/Kg
Q1982-06	TP-6	SOIL	Benzophenone *	130.000	J	0	0	ug/Kg
Q1982-06	TP-6	SOIL	Heptafluorobutyric acid, hexadecy *	120.000	J	0	0	ug/Kg
Q1982-06	TP-6	SOIL	n-Hexadecanoic acid *	230.000	J	0	0	ug/Kg
			Total Tics :	**920.00**				
			Total Concentration:	**920.00**				
Client ID :	**TP-8**							
Q1982-07	TP-8	SOIL	Bis(2-ethylhexyl)phthalate	170.000	J	70.5	200	ug/Kg
			Total Svoc :	**170.00**				
Q1982-07	TP-8	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	260.000	AB	0	0	ug/Kg
Q1982-07	TP-8	SOIL	Benzophenone *	130.000	J	0	0	ug/Kg
Q1982-07	TP-8	SOIL	Heptafluorobutyric acid, n-tetrade *	140.000	J	0	0	ug/Kg
Q1982-07	TP-8	SOIL	n-Hexadecanoic acid *	210.000	J	0	0	ug/Kg
			Total Tics :	**740.00**				
			Total Concentration:	**910.00**				

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Hit Summary Sheet
SW-846

SDG No.: Q1982

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**TP-9**								
Q1982-08	TP-9	SOIL	Fluoranthene		120.000	J	36.8	210	ug/Kg
Q1982-08	TP-9	SOIL	Pyrene		230.000		44.2	210	ug/Kg
Q1982-08	TP-9	SOIL	Chrysene		90.400	J	24.4	210	ug/Kg
Q1982-08	TP-9	SOIL	Benzo(b)fluoranthene		130.000	J	23.3	210	ug/Kg
Q1982-08	TP-9	SOIL	Benzo(a)pyrene		140.000	J	36.2	210	ug/Kg
Q1982-08	TP-9	SOIL	Benzo(g,h,i)perylene		120.000	J	31.5	210	ug/Kg
			Total Svoc :		**830.40**				
Q1982-08	TP-9	SOIL	2(1H)-Phenanthrenone, 3,4,4a,4b,	*	120.000	J	0	0	ug/Kg
Q1982-08	TP-9	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	AB	0	0	ug/Kg
Q1982-08	TP-9	SOIL	Benzophenone	*	140.000	J	0	0	ug/Kg
Q1982-08	TP-9	SOIL	Cyclopentadecane	*	150.000	J	0	0	ug/Kg
Q1982-08	TP-9	SOIL	D:A-Friedooleanan-3-ol, (3.alpha.	*	270.000	J	0	0	ug/Kg
Q1982-08	TP-9	SOIL	n-Hexadecanoic acid	*	310.000	J	0	0	ug/Kg
			Total Tics :		**1,180.00**				
			Total Concentration:		**2,010.40**				



QC SUMMARY

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

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
PB167953BL	PB167953BL	2-Fluorophenol	150	121	81		18	112
		Phenol-d6	150	118	79		15	107
		Nitrobenzene-d5	100	82.6	83		18	107
		2-Fluorobiphenyl	100	75.0	75		20	109
		2,4,6-Tribromophenol	150	132	88		10	116
		Terphenyl-d14	100	75.6	76		10	105
PB167953BS	PB167953BS	2-Fluorophenol	150	121	81		18	112
		Phenol-d6	150	120	80		15	107
		Nitrobenzene-d5	100	83.1	83		18	107
		2-Fluorobiphenyl	100	73.4	73		20	109
		2,4,6-Tribromophenol	150	141	94		10	116
		Terphenyl-d14	100	77.8	78		10	105
Q1982-01	TP-1	2-Fluorophenol	150	87.9	59		18	112
		Phenol-d6	150	88.6	59		15	107
		Nitrobenzene-d5	100	59.0	59		18	107
		2-Fluorobiphenyl	100	53.8	54		20	109
		2,4,6-Tribromophenol	150	106	70		10	116
		Terphenyl-d14	100	45.5	45		10	105
Q1982-02	TP-2B	2-Fluorophenol	150	77.3	52		18	112
		Phenol-d6	150	81.0	54		15	107
		Nitrobenzene-d5	100	54.3	54		18	107
		2-Fluorobiphenyl	100	49.1	49		20	109
		2,4,6-Tribromophenol	150	94.8	63		10	116
		Terphenyl-d14	100	49.7	50		10	105
Q1982-03	TP-3	2-Fluorophenol	150	96.2	64		18	112
		Phenol-d6	150	97.0	65		15	107
		Nitrobenzene-d5	100	65.2	65		18	107
		2-Fluorobiphenyl	100	58.1	58		20	109
		2,4,6-Tribromophenol	150	118	79		10	116
		Terphenyl-d14	100	51.1	51		10	105
Q1982-03MS	TP-3MS	2-Fluorophenol	150	76.3	51		18	112
		Phenol-d6	150	79.0	53		15	107
		Nitrobenzene-d5	100	50.2	50		18	107
		2-Fluorobiphenyl	100	45.9	46		20	109
		2,4,6-Tribromophenol	150	92.6	62		10	116
		Terphenyl-d14	100	44.4	44		10	105
Q1982-03MSD	TP-3MSD	2-Fluorophenol	150	76.0	51		18	112
		Phenol-d6	150	77.9	52		15	107
		Nitrobenzene-d5	100	50.0	50		18	107
		2-Fluorobiphenyl	100	45.5	45		20	109
		2,4,6-Tribromophenol	150	89.1	59		10	116
		Terphenyl-d14	100	44.1	44		10	105
Q1982-04	TP-4	2-Fluorophenol	150	79.9	53		18	112
		Phenol-d6	150	79.6	53		15	107
		Nitrobenzene-d5	100	56.8	57		18	107
		2-Fluorobiphenyl	100	56.2	56		20	109
		2,4,6-Tribromophenol	150	79.6	53		10	116
		Terphenyl-d14	100	50.1	50		10	105
Q1982-05	TP-5	2-Fluorophenol	150	79.9	53		18	112
		Phenol-d6	150	80.6	54		15	107
		Nitrobenzene-d5	100	54.7	55		18	107

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Surrogate Summary

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q1982-05	TP-5	2-Fluorobiphenyl	100	51.1	51		20	109
		2,4,6-Tribromophenol	150	81.5	54		10	116
		Terphenyl-d14	100	39.2	39		10	105
Q1982-06	TP-6	2-Fluorophenol	150	84.8	57		18	112
		Phenol-d6	150	84.2	56		15	107
		Nitrobenzene-d5	100	58.5	59		18	107
		2-Fluorobiphenyl	100	51.8	52		20	109
		2,4,6-Tribromophenol	150	94.6	63		10	116
		Terphenyl-d14	100	49.5	49		10	105
Q1982-07	TP-8	2-Fluorophenol	150	83.4	56		18	112
		Phenol-d6	150	82.3	55		15	107
		Nitrobenzene-d5	100	56.9	57		18	107
		2-Fluorobiphenyl	100	54.8	55		20	109
		2,4,6-Tribromophenol	150	91.7	61		10	116
		Terphenyl-d14	100	44.8	45		10	105

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Surrogate Summary

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167973BL	PB167973BL	2-Fluorophenol	150	144	96		18	112
		Phenol-d6	150	137	92		15	107
		Nitrobenzene-d5	100	82.1	82		18	107
		2-Fluorobiphenyl	100	78.7	79		20	109
		2,4,6-Tribromophenol	150	144	96		10	116
		Terphenyl-d14	100	84.5	85		10	105
PB167973BS	PB167973BS	2-Fluorophenol	150	134	89		18	112
		Phenol-d6	150	133	89		15	107
		Nitrobenzene-d5	100	75.8	76		18	107
		2-Fluorobiphenyl	100	74.5	74		20	109
		2,4,6-Tribromophenol	150	134	89		10	116
		Terphenyl-d14	100	76.0	76		10	105
Q1982-08	TP-9	2-Fluorophenol	150	80.9	54		18	112
		Phenol-d6	150	79.9	53		15	107
		Nitrobenzene-d5	100	44.5	45		18	107
		2-Fluorobiphenyl	100	44.5	45		20	109
		2,4,6-Tribromophenol	150	77.1	51		10	116
		Terphenyl-d14	100	42.0	42		10	105
Q2010-02MS	TP-13MS	2-Fluorophenol	150	88.5	59		18	112
		Phenol-d6	150	85.6	57		15	107
		Nitrobenzene-d5	100	50.9	51		18	107
		2-Fluorobiphenyl	100	50.9	51		20	109
		2,4,6-Tribromophenol	150	87.7	58		10	116
		Terphenyl-d14	100	48.7	49		10	105
Q2010-02MSD	TP-13MSD	2-Fluorophenol	150	90.4	60		18	112
		Phenol-d6	150	88.1	59		15	107
		Nitrobenzene-d5	100	52.4	52		18	107
		2-Fluorobiphenyl	100	50.9	51		20	109
		2,4,6-Tribromophenol	150	86.5	58		10	116
		Terphenyl-d14	100	49.8	50		10	105

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1982-03MS		**Client Sample ID: TP-3MS**						**DataFile: BF142366.D**			
Benzaldehyde	1800	0	1500	ug/Kg	83				10	86	
Phenol	1800	0	1800	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1800	0	1300	ug/Kg	72				54	125	
2-Chlorophenol	1800	0	1700	ug/Kg	94				79	107	
2-Methylphenol	1800	0	1600	ug/Kg	89				66	122	
2,2-oxybis(1-Chloropropane)	1800	0	1500	ug/Kg	83				65	110	
Acetophenone	1800	0	1500	ug/Kg	83				75	111	
3+4-Methylphenols	1800	0	1700	ug/Kg	94				66	104	
N-Nitroso-di-n-propylamine	1800	0	1600	ug/Kg	89				59	119	
Hexachloroethane	1800	0	1600	ug/Kg	89				65	117	
Nitrobenzene	1800	0	1700	ug/Kg	94				70	119	
Isophorone	1800	0	1600	ug/Kg	89				76	122	
2-Nitrophenol	1800	0	1800	ug/Kg	100				54	145	
2,4-Dimethylphenol	1800	0	1600	ug/Kg	89				44	135	
bis(2-Chloroethoxy)methane	1800	0	1500	ug/Kg	83				68	112	
2,4-Dichlorophenol	1800	0	1700	ug/Kg	94				72	118	
Naphthalene	1800	0	1500	ug/Kg	83				72	110	
4-Chloroaniline	1800	0	640	ug/Kg	36				10	91	
Hexachlorobutadiene	1800	0	1500	ug/Kg	83				66	114	
Caprolactam	1800	0	2100	ug/Kg	117				51	134	
4-Chloro-3-methylphenol	1800	0	1800	ug/Kg	100				57	132	
2-Methylnaphthalene	1800	0	1600	ug/Kg	89				59	123	
Hexachlorocyclopentadiene	3700	0	3100	ug/Kg	84				10	175	
2,4,6-Trichlorophenol	1800	0	1700	ug/Kg	94				72	117	
2,4,5-Trichlorophenol	1800	0	1700	ug/Kg	94				72	117	
1,1-Biphenyl	1800	0	1500	ug/Kg	83				75	113	
2-Chloronaphthalene	1800	0	1500	ug/Kg	83				67	118	
2-Nitroaniline	1800	0	1900	ug/Kg	106				69	127	
Dimethylphthalate	1800	0	1700	ug/Kg	94				70	113	
Acenaphthylene	1800	0	1600	ug/Kg	89				79	118	
2,6-Dinitrotoluene	1800	0	1900	ug/Kg	106				70	125	
3-Nitroaniline	1800	0	1400	ug/Kg	78				30	99	
Acenaphthene	1800	0	1700	ug/Kg	94				70	121	
2,4-Dinitrophenol	3700	0	4400	ug/Kg	119				10	155	
4-Nitrophenol	3700	0	4400	ug/Kg	119				45	133	
Dibenzofuran	1800	0	1600	ug/Kg	89				72	110	
2,4-Dinitrotoluene	1800	0	2200	ug/Kg	122				55	128	
Diethylphthalate	1800	0	1700	ug/Kg	94				70	112	
4-Chlorophenyl-phenylether	1800	0	1600	ug/Kg	89				71	108	
Fluorene	1800	0	1600	ug/Kg	89				68	116	
4-Nitroaniline	1800	0	2400	ug/Kg	133	*			55	120	
4,6-Dinitro-2-methylphenol	1800	0	2000	ug/Kg	111				10	160	
N-Nitrosodiphenylamine	1800	0	1500	ug/Kg	83				73	118	
4-Bromophenyl-phenylether	1800	0	1500	ug/Kg	83				65	121	
Hexachlorobenzene	1800	0	1600	ug/Kg	89				67	118	
Atrazine	1800	0	1900	ug/Kg	106				79	127	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3700	0	3800	ug/Kg	103				47	128	
Phenanthrene	1800	0	1500	ug/Kg	83				52	128	
Anthracene	1800	0	1500	ug/Kg	83				62	124	
Carbazole	1800	0	1600	ug/Kg	89				59	119	
Di-n-butylphthalate	1800	0	1900	ug/Kg	106				69	118	
Fluoranthene	1800	0	1700	ug/Kg	94				44	125	
Pyrene	1800	0	1400	ug/Kg	78				26	142	
Butylbenzylphthalate	1800	0	2000	ug/Kg	111				64	126	
3,3-Dichlorobenzidine	1800	0	1400	ug/Kg	78				33	116	
Benzo(a)anthracene	1800	0	1600	ug/Kg	89				71	114	
Chrysene	1800	0	1500	ug/Kg	83				57	121	
bis(2-Ethylhexyl)phthalate	1800	170	2100	ug/Kg	107				42	169	
Di-n-octyl phthalate	1800	0	1900	ug/Kg	106				23	175	
Benzo(b)fluoranthene	1800	0	1800	ug/Kg	100				67	121	
Benzo(k)fluoranthene	1800	0	1500	ug/Kg	83				57	134	
Benzo(a)pyrene	1800	0	1700	ug/Kg	94				70	142	
Indeno(1,2,3-cd)pyrene	1800	0	1300	ug/Kg	72				40	129	
Dibenz(a,h)anthracene	1800	0	1300	ug/Kg	72				43	123	
Benzo(g,h,i)perylene	1800	0	1200	ug/Kg	67				24	125	
1,2,4,5-Tetrachlorobenzene	1800	0	1400	ug/Kg	78				69	124	
1,4-Dioxane	1800	0	1300	ug/Kg	72				46	112	
2,3,4,6-Tetrachlorophenol	1800	0	1900	ug/Kg	106				69	112	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1982-03MSD		**Client Sample ID: TP-3MSD**						**DataFile: BF142367.D**			
Benzaldehyde	1800	0	1500	ug/Kg	83		0		10	86	20
Phenol	1800	0	1700	ug/Kg	94		6		67	126	20
bis(2-Chloroethyl)ether	1800	0	1300	ug/Kg	72		0		54	125	20
2-Chlorophenol	1800	0	1700	ug/Kg	94		0		79	107	20
2-Methylphenol	1800	0	1600	ug/Kg	89		0		66	122	20
2,2-oxybis(1-Chloropropane)	1800	0	1500	ug/Kg	83		0		65	110	20
Acetophenone	1800	0	1500	ug/Kg	83		0		75	111	20
3+4-Methylphenols	1800	0	1600	ug/Kg	89		5		66	104	20
N-Nitroso-di-n-propylamine	1800	0	1600	ug/Kg	89		0		59	119	20
Hexachloroethane	1800	0	1600	ug/Kg	89		0		65	117	20
Nitrobenzene	1800	0	1600	ug/Kg	89		5		70	119	20
Isophorone	1800	0	1600	ug/Kg	89		0		76	122	20
2-Nitrophenol	1800	0	1800	ug/Kg	100		0		54	145	20
2,4-Dimethylphenol	1800	0	1600	ug/Kg	89		0		44	135	20
bis(2-Chloroethoxy)methane	1800	0	1500	ug/Kg	83		0		68	112	20
2,4-Dichlorophenol	1800	0	1700	ug/Kg	94		0		72	118	20
Naphthalene	1800	0	1500	ug/Kg	83		0		72	110	20
4-Chloroaniline	1800	0	710	ug/Kg	39		8		10	91	20
Hexachlorobutadiene	1800	0	1500	ug/Kg	83		0		66	114	20
Caprolactam	1800	0	2000	ug/Kg	111		5		51	134	20
4-Chloro-3-methylphenol	1800	0	1700	ug/Kg	94		6		57	132	20
2-Methylnaphthalene	1800	0	1600	ug/Kg	89		0		59	123	20
Hexachlorocyclopentadiene	3700	0	3200	ug/Kg	86		2		10	175	20
2,4,6-Trichlorophenol	1800	0	1700	ug/Kg	94		0		72	117	20
2,4,5-Trichlorophenol	1800	0	1700	ug/Kg	94		0		72	117	20
1,1-Biphenyl	1800	0	1500	ug/Kg	83		0		75	113	20
2-Chloronaphthalene	1800	0	1500	ug/Kg	83		0		67	118	20
2-Nitroaniline	1800	0	1800	ug/Kg	100		6		69	127	20
Dimethylphthalate	1800	0	1600	ug/Kg	89		5		70	113	20
Acenaphthylene	1800	0	1500	ug/Kg	83		7		79	118	20
2,6-Dinitrotoluene	1800	0	1900	ug/Kg	106		0		70	125	20
3-Nitroaniline	1800	0	1300	ug/Kg	72		8		30	99	20
Acenaphthene	1800	0	1700	ug/Kg	94		0		70	121	20
2,4-Dinitrophenol	3700	0	4200	ug/Kg	114		4		10	155	20
4-Nitrophenol	3700	0	4100	ug/Kg	111		7		45	133	20
Dibenzofuran	1800	0	1500	ug/Kg	83		7		72	110	20
2,4-Dinitrotoluene	1800	0	2100	ug/Kg	117		4		55	128	20
Diethylphthalate	1800	0	1600	ug/Kg	89		5		70	112	20
4-Chlorophenyl-phenylether	1800	0	1600	ug/Kg	89		0		71	108	20
Fluorene	1800	0	1500	ug/Kg	83		7		68	116	20
4-Nitroaniline	1800	0	2300	ug/Kg	128	*	4		55	120	20
4,6-Dinitro-2-methylphenol	1800	0	2000	ug/Kg	111		0		10	160	20
N-Nitrosodiphenylamine	1800	0	1500	ug/Kg	83		0		73	118	20
4-Bromophenyl-phenylether	1800	0	1500	ug/Kg	83		0		65	121	20
Hexachlorobenzene	1800	0	1500	ug/Kg	83		7		67	118	20
Atrazine	1800	0	1900	ug/Kg	106		0		79	127	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3700	0	3700	ug/Kg	100		3		47	128	20
Phenanthrene	1800	0	1500	ug/Kg	83		0		52	128	20
Anthracene	1800	0	1500	ug/Kg	83		0		62	124	20
Carbazole	1800	0	1600	ug/Kg	89		0		59	119	20
Di-n-butylphthalate	1800	0	1900	ug/Kg	106		0		69	118	20
Fluoranthene	1800	0	1700	ug/Kg	94		0		44	125	20
Pyrene	1800	0	1400	ug/Kg	78		0		26	142	20
Butylbenzylphthalate	1800	0	2000	ug/Kg	111		0		64	126	20
3,3-Dichlorobenzidine	1800	0	1400	ug/Kg	78		0		33	116	20
Benzo(a)anthracene	1800	0	1500	ug/Kg	83		7		71	114	20
Chrysene	1800	0	1600	ug/Kg	89		7		57	121	20
bis(2-Ethylhexyl)phthalate	1800	170	2100	ug/Kg	107		0		42	169	20
Di-n-octyl phthalate	1800	0	1800	ug/Kg	100		6		23	175	20
Benzo(b)fluoranthene	1800	0	1600	ug/Kg	89		12		67	121	20
Benzo(k)fluoranthene	1800	0	1700	ug/Kg	94		12		57	134	20
Benzo(a)pyrene	1800	0	1600	ug/Kg	89		5		70	142	20
Indeno(1,2,3-cd)pyrene	1800	0	1400	ug/Kg	78		8		40	129	20
Dibenz(a,h)anthracene	1800	0	1400	ug/Kg	78		8		43	123	20
Benzo(g,h,i)perylene	1800	0	1300	ug/Kg	72		7		24	125	20
1,2,4,5-Tetrachlorobenzene	1800	0	1400	ug/Kg	78		0		69	124	20
1,4-Dioxane	1800	0	1300	ug/Kg	72		0		46	112	20
2,3,4,6-Tetrachlorophenol	1800	0	1800	ug/Kg	100		6		69	112	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2010-02MS		**Client Sample ID: TP-13MS**						**DataFile: BP024638.D**			
Benzaldehyde	2000	0	1600	ug/Kg	80				10	86	
Phenol	2000	0	1800	ug/Kg	90				67	126	
bis(2-Chloroethyl)ether	2000	0	1600	ug/Kg	80				54	125	
2-Chlorophenol	2000	0	1800	ug/Kg	90				79	107	
2-Methylphenol	2000	0	1700	ug/Kg	85				66	122	
2,2-oxybis(1-Chloropropane)	2000	0	1600	ug/Kg	80				65	110	
Acetophenone	2000	0	1600	ug/Kg	80				75	111	
3+4-Methylphenols	2000	0	1600	ug/Kg	80				66	104	
N-Nitroso-di-n-propylamine	2000	0	1400	ug/Kg	70				59	119	
Hexachloroethane	2000	0	1600	ug/Kg	80				65	117	
Nitrobenzene	2000	0	1800	ug/Kg	90				70	119	
Isophorone	2000	0	1700	ug/Kg	85				76	122	
2-Nitrophenol	2000	0	2000	ug/Kg	100				54	145	
2,4-Dimethylphenol	2000	0	1900	ug/Kg	95				44	135	
bis(2-Chloroethoxy)methane	2000	0	1700	ug/Kg	85				68	112	
2,4-Dichlorophenol	2000	0	1900	ug/Kg	95				72	118	
Naphthalene	2000	0	1800	ug/Kg	90				72	110	
4-Chloroaniline	2000	0	1100	ug/Kg	55				10	91	
Hexachlorobutadiene	2000	0	1800	ug/Kg	90				66	114	
Caprolactam	2000	0	1900	ug/Kg	95				51	134	
4-Chloro-3-methylphenol	2000	0	1800	ug/Kg	90				57	132	
2-Methylnaphthalene	2000	0	1700	ug/Kg	85				59	123	
Hexachlorocyclopentadiene	3900	0	4500	ug/Kg	115				10	175	
2,4,6-Trichlorophenol	2000	0	2000	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	2000	0	2000	ug/Kg	100				72	117	
1,1-Biphenyl	2000	0	1800	ug/Kg	90				75	113	
2-Chloronaphthalene	2000	0	1800	ug/Kg	90				67	118	
2-Nitroaniline	2000	0	1900	ug/Kg	95				69	127	
Dimethylphthalate	2000	0	1800	ug/Kg	90				70	113	
Acenaphthylene	2000	0	1800	ug/Kg	90				79	118	
2,6-Dinitrotoluene	2000	0	1800	ug/Kg	90				70	125	
3-Nitroaniline	2000	0	1300	ug/Kg	65				30	99	
Acenaphthene	2000	0	1800	ug/Kg	90				70	121	
2,4-Dinitrophenol	3900	0	3800	ug/Kg	97				10	155	
4-Nitrophenol	3900	0	3800	ug/Kg	97				45	133	
Dibenzofuran	2000	0	1800	ug/Kg	90				72	110	
2,4-Dinitrotoluene	2000	0	1900	ug/Kg	95				55	128	
Diethylphthalate	2000	0	1800	ug/Kg	90				70	112	
4-Chlorophenyl-phenylether	2000	0	1800	ug/Kg	90				71	108	
Fluorene	2000	0	1800	ug/Kg	90				68	116	
4-Nitroaniline	2000	0	2000	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	2000	0	2000	ug/Kg	100				10	160	
N-Nitrosodiphenylamine	2000	0	1800	ug/Kg	90				73	118	
4-Bromophenyl-phenylether	2000	0	1800	ug/Kg	90				65	121	
Hexachlorobenzene	2000	0	1800	ug/Kg	90				67	118	
Atrazine	2000	0	1900	ug/Kg	95				79	127	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3900	0	4300	ug/Kg	110				47	128	
Phenanthrene	2000	0	1800	ug/Kg	90				52	128	
Anthracene	2000	0	1800	ug/Kg	90				62	124	
Carbazole	2000	0	1900	ug/Kg	95				59	119	
Di-n-butylphthalate	2000	0	1900	ug/Kg	95				69	118	
Fluoranthene	2000	0	1800	ug/Kg	90				44	125	
Pyrene	2000	0	1900	ug/Kg	95				26	142	
Butylbenzylphthalate	2000	0	2000	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	2000	0	1300	ug/Kg	65				33	116	
Benzo(a)anthracene	2000	0	1800	ug/Kg	90				71	114	
Chrysene	2000	0	1800	ug/Kg	90				57	121	
bis(2-Ethylhexyl)phthalate	2000	0	2000	ug/Kg	100				42	169	
Di-n-octyl phthalate	2000	0	2100	ug/Kg	105				23	175	
Benzo(b)fluoranthene	2000	0	1900	ug/Kg	95				67	121	
Benzo(k)fluoranthene	2000	0	1800	ug/Kg	90				57	134	
Benzo(a)pyrene	2000	0	1900	ug/Kg	95				70	142	
Indeno(1,2,3-cd)pyrene	2000	0	1900	ug/Kg	95				40	129	
Dibenz(a,h)anthracene	2000	0	1900	ug/Kg	95				43	123	
Benzo(g,h,i)perylene	2000	0	1900	ug/Kg	95				24	125	
1,2,4,5-Tetrachlorobenzene	2000	0	1900	ug/Kg	95				69	124	
1,4-Dioxane	2000	0	1500	ug/Kg	75				46	112	
2,3,4,6-Tetrachlorophenol	2000	0	1900	ug/Kg	95				69	112	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2010-02MSD		**Client Sample ID: TP-13MSD**						**DataFile: BP024639.D**			
Benzaldehyde	2000	0	1600	ug/Kg	80	0			10	86	20
Phenol	2000	0	1900	ug/Kg	95	5			67	126	20
bis(2-Chloroethyl)ether	2000	0	1700	ug/Kg	85	6			54	125	20
2-Chlorophenol	2000	0	1900	ug/Kg	95	5			79	107	20
2-Methylphenol	2000	0	1800	ug/Kg	90	6			66	122	20
2,2-oxybis(1-Chloropropane)	2000	0	1700	ug/Kg	85	6			65	110	20
Acetophenone	2000	0	1800	ug/Kg	90	12			75	111	20
3+4-Methylphenols	2000	0	1800	ug/Kg	90	12			66	104	20
N-Nitroso-di-n-propylamine	2000	0	1600	ug/Kg	80	13			59	119	20
Hexachloroethane	2000	0	1700	ug/Kg	85	6			65	117	20
Nitrobenzene	2000	0	1800	ug/Kg	90	0			70	119	20
Isophorone	2000	0	1700	ug/Kg	85	0			76	122	20
2-Nitrophenol	2000	0	2000	ug/Kg	100	0			54	145	20
2,4-Dimethylphenol	2000	0	1900	ug/Kg	95	0			44	135	20
bis(2-Chloroethoxy)methane	2000	0	1800	ug/Kg	90	6			68	112	20
2,4-Dichlorophenol	2000	0	1900	ug/Kg	95	0			72	118	20
Naphthalene	2000	0	1800	ug/Kg	90	0			72	110	20
4-Chloroaniline	2000	0	1100	ug/Kg	55	0			10	91	20
Hexachlorobutadiene	2000	0	1800	ug/Kg	90	0			66	114	20
Caprolactam	2000	0	1800	ug/Kg	90	5			51	134	20
4-Chloro-3-methylphenol	2000	0	1800	ug/Kg	90	0			57	132	20
2-Methylnaphthalene	2000	0	1800	ug/Kg	90	6			59	123	20
Hexachlorocyclopentadiene	3900	0	4500	ug/Kg	115	0			10	175	20
2,4,6-Trichlorophenol	2000	0	2000	ug/Kg	100	0			72	117	20
2,4,5-Trichlorophenol	2000	0	2000	ug/Kg	100	0			72	117	20
1,1-Biphenyl	2000	0	1900	ug/Kg	95	5			75	113	20
2-Chloronaphthalene	2000	0	1900	ug/Kg	95	5			67	118	20
2-Nitroaniline	2000	0	2000	ug/Kg	100	5			69	127	20
Dimethylphthalate	2000	0	1800	ug/Kg	90	0			70	113	20
Acenaphthylene	2000	0	1800	ug/Kg	90	0			79	118	20
2,6-Dinitrotoluene	2000	0	1800	ug/Kg	90	0			70	125	20
3-Nitroaniline	2000	0	1300	ug/Kg	65	0			30	99	20
Acenaphthene	2000	0	1800	ug/Kg	90	0			70	121	20
2,4-Dinitrophenol	3900	0	3800	ug/Kg	97	0			10	155	20
4-Nitrophenol	3900	0	3800	ug/Kg	97	0			45	133	20
Dibenzofuran	2000	0	1800	ug/Kg	90	0			72	110	20
2,4-Dinitrotoluene	2000	0	1900	ug/Kg	95	0			55	128	20
Diethylphthalate	2000	0	1800	ug/Kg	90	0			70	112	20
4-Chlorophenyl-phenylether	2000	0	1800	ug/Kg	90	0			71	108	20
Fluorene	2000	0	1800	ug/Kg	90	0			68	116	20
4-Nitroaniline	2000	0	1900	ug/Kg	95	5			55	120	20
4,6-Dinitro-2-methylphenol	2000	0	2000	ug/Kg	100	0			10	160	20
N-Nitrosodiphenylamine	2000	0	1900	ug/Kg	95	5			73	118	20
4-Bromophenyl-phenylether	2000	0	1900	ug/Kg	95	5			65	121	20
Hexachlorobenzene	2000	0	1800	ug/Kg	90	0			67	118	20
Atrazine	2000	0	1900	ug/Kg	95	0			79	127	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3900	0	4300	ug/Kg	110	0			47	128	20
Phenanthrene	2000	0	1800	ug/Kg	90	0			52	128	20
Anthracene	2000	0	1800	ug/Kg	90	0			62	124	20
Carbazole	2000	0	1900	ug/Kg	95	0			59	119	20
Di-n-butylphthalate	2000	0	1900	ug/Kg	95	0			69	118	20
Fluoranthene	2000	0	1800	ug/Kg	90	0			44	125	20
Pyrene	2000	0	1900	ug/Kg	95	0			26	142	20
Butylbenzylphthalate	2000	0	2000	ug/Kg	100	0			64	126	20
3,3-Dichlorobenzidine	2000	0	1300	ug/Kg	65	0			33	116	20
Benzo(a)anthracene	2000	0	1900	ug/Kg	95	5			71	114	20
Chrysene	2000	0	1800	ug/Kg	90	0			57	121	20
bis(2-Ethylhexyl)phthalate	2000	0	1900	ug/Kg	95	5			42	169	20
Di-n-octyl phthalate	2000	0	2000	ug/Kg	100	5			23	175	20
Benzo(b)fluoranthene	2000	0	1900	ug/Kg	95	0			67	121	20
Benzo(k)fluoranthene	2000	0	1800	ug/Kg	90	0			57	134	20
Benzo(a)pyrene	2000	0	1900	ug/Kg	95	0			70	142	20
Indeno(1,2,3-cd)pyrene	2000	0	1900	ug/Kg	95	0			40	129	20
Dibenz(a,h)anthracene	2000	0	1900	ug/Kg	95	0			43	123	20
Benzo(g,h,i)perylene	2000	0	1900	ug/Kg	95	0			24	125	20
1,2,4,5-Tetrachlorobenzene	2000	0	1900	ug/Kg	95	0			69	124	20
1,4-Dioxane	2000	0	1500	ug/Kg	75	0			46	112	20
2,3,4,6-Tetrachlorophenol	2000	0	1900	ug/Kg	95	0			69	112	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BF142419.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167953BS	Benzaldehyde	1700	1400	ug/Kg	82				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1200	ug/Kg	71				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	270	ug/Kg	16				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3200	ug/Kg	97				45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	840	ug/Kg	49				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	2,4-Dinitrophenol	3300	4000	ug/Kg	121				37	128	
	4-Nitrophenol	3300	3500	ug/Kg	106				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1900	ug/Kg	112		*		60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1900	ug/Kg	112		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	1900	ug/Kg	112				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				71	99	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BF142419.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167953BS	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1700	ug/Kg	100				47	152	
	Pentachlorophenol	3300	3500	ug/Kg	106		*		67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BP024636.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167973BS	Benzaldehyde	1700	1200	ug/Kg	71				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	640	ug/Kg	38				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3400	ug/Kg	103				45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	2,4-Dinitrophenol	3300	3100	ug/Kg	94				37	128	
	4-Nitrophenol	3300	3000	ug/Kg	91				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BP024636.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167973BS	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1500	ug/Kg	88				47	152	
	Pentachlorophenol	3300	3500	ug/Kg	106		*		67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				55	103	
	3,3-Dichlorobenzidine	1700	1000	ug/Kg	59				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167953BL

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

Lab File ID: BF142394.D Lab Sample ID: PB167953BL

Instrument ID: BNA_F Date Extracted: 05/12/2025

Matrix: (soil/water) SOIL Date Analyzed: 05/15/2025

Level: (low/med) LOW Time Analyzed: 16:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP-6	Q1982-06	BF142399.D	05/15/2025
TP-8	Q1982-07	BF142406.D	05/15/2025
TP-5	Q1982-05	BF142408.D	05/15/2025
TP-4	Q1982-04	BF142413.D	05/16/2025
PB167953BS	PB167953BS	BF142419.D	05/16/2025
TP-1	Q1982-01	BF142364.D	05/14/2025
TP-2B	Q1982-02	BF142378.D	05/14/2025
TP-3	Q1982-03	BF142365.D	05/14/2025
TP-3MS	Q1982-03MS	BF142366.D	05/14/2025
TP-3MSD	Q1982-03MSD	BF142367.D	05/14/2025

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167973BL

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

Lab File ID: BP024635.D Lab Sample ID: PB167973BL

Instrument ID: BNA_P Date Extracted: 05/13/2025

Matrix: (soil/water) SOIL Date Analyzed: 05/15/2025

Level: (low/med) LOW Time Analyzed: 13:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167973BS	PB167973BS	BP024636.D	05/15/2025
TP-9	Q1982-08	BP024647.D	05/15/2025
TP-13MS	Q2010-02MS	BP024638.D	05/15/2025
TP-13MSD	Q2010-02MSD	BP024639.D	05/15/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1982 SDG NO.: Q1982

Lab File ID: BF142294.D DFTPP Injection Date: 05/05/2025

Instrument ID: BNA_F DFTPP Injection Time: 13:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.3
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	33.3
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	45.1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	29.4
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	19.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF142295.D	05/05/2025	13:54
SSTDICC005	SSTDICC005	BF142296.D	05/05/2025	14:23
SSTDICC010	SSTDICC010	BF142297.D	05/05/2025	14:52
SSTDICC020	SSTDICC020	BF142298.D	05/05/2025	15:21
SSTDICCC040	SSTDICCC040	BF142299.D	05/05/2025	15:50
SSTDICC050	SSTDICC050	BF142300.D	05/05/2025	16:18
SSTDICC060	SSTDICC060	BF142301.D	05/05/2025	16:47
SSTDICC080	SSTDICC080	BF142302.D	05/05/2025	17:15

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1982 SDG NO.: Q1982

Lab File ID: BF142359.D DFTPP Injection Date: 05/14/2025

Instrument ID: BNA_F DFTPP Injection Time: 11:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.4
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	34.6
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	45.5
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28.7
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	19.0
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142360.D	05/14/2025	12:19
TP-1	Q1982-01	BF142364.D	05/14/2025	14:23
TP-3	Q1982-03	BF142365.D	05/14/2025	14:51
TP-3MS	Q1982-03MS	BF142366.D	05/14/2025	15:20
TP-3MSD	Q1982-03MSD	BF142367.D	05/14/2025	15:48
TP-2B	Q1982-02	BF142378.D	05/14/2025	21:06

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1982 SDG NO.: Q1982

Lab File ID: BF142392.D DFTPP Injection Date: 05/15/2025

Instrument ID: BNA_F DFTPP Injection Time: 14:27

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.8
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	34.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.1
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	7.0
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	16.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 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	BF142393.D	05/15/2025	15:41
PB167953BL	PB167953BL	BF142394.D	05/15/2025	16:10
TP-6	Q1982-06	BF142399.D	05/15/2025	18:40
TP-8	Q1982-07	BF142406.D	05/15/2025	22:04
TP-5	Q1982-05	BF142408.D	05/15/2025	23:01
TP-4	Q1982-04	BF142413.D	05/16/2025	01:27

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1982 SDG NO.: Q1982

Lab File ID: BF142415.D DFTPP Injection Date: 05/16/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:16

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.3
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	33.6
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	45.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.2
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	19.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.9 (18.9) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142416.D	05/16/2025	09:45
PB167953BS	PB167953BS	BF142419.D	05/16/2025	11:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1982 SDG NO.: Q1982

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

Instrument ID: BNA_P DFTPP Injection Time: 10:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.5
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	36.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	49.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	33.1
365	Greater than 1% of mass 198	5.4
441	Present, but less than mass 443	19.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP024614.D	05/13/2025	10:41
SSTDICC005	SSTDICC005	BP024615.D	05/13/2025	11:22
SSTDICC010	SSTDICC010	BP024616.D	05/13/2025	12:03
SSTDICC020	SSTDICC020	BP024617.D	05/13/2025	12:43
SSTDICCC040	SSTDICCC040	BP024618.D	05/13/2025	13:24
SSTDICC050	SSTDICC050	BP024619.D	05/13/2025	14:05
SSTDICC060	SSTDICC060	BP024620.D	05/13/2025	14:45
SSTDICC080	SSTDICC080	BP024621.D	05/13/2025	15:26

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1982 SDG NO.: Q1982

Lab File ID: BP024633.D DFTPP Injection Date: 05/15/2025

Instrument ID: BNA_P DFTPP Injection Time: 11:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.0
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	34.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	47.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	33.3
365	Greater than 1% of mass 198	5.6
441	Present, but less than mass 443	20.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 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	BP024634.D	05/15/2025	12:25
PB167973BL	PB167973BL	BP024635.D	05/15/2025	13:05
PB167973BS	PB167973BS	BP024636.D	05/15/2025	13:53
TP-13MS	Q2010-02MS	BP024638.D	05/15/2025	15:18
TP-13MSD	Q2010-02MSD	BP024639.D	05/15/2025	15:59
TP-9	Q1982-08	BP024647.D	05/15/2025	21:25

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/14/2025

Lab File ID: BF142360.D Time Analyzed: 12:19

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	186058	6.904	714913	8.19	377100	9.94
	UPPER LIMIT	372116	7.404	1429830	8.687	754200	10.439
	LOWER LIMIT	93029	6.404	357457	7.687	188550	9.439
	EPA SAMPLE NO.						
01	TP-2B	213754	6.90	843294	8.18	499403	9.94
02	TP-1	171428	6.90	665674	8.18	370105	9.93
03	TP-3	187393	6.90	720141	8.18	397265	9.94
04	TP-3MS	155049	6.90	631761	8.19	370580	9.94
05	TP-3MSD	163411	6.90	663275	8.19	383694	9.94

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/14/2025

Lab File ID: BF142360.D Time Analyzed: 12:19

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	635630	11.428	329863	14.069	363476	15.557
	UPPER LIMIT	1271260	11.928	659726	14.569	726952	16.057
	LOWER LIMIT	317815	10.928	164932	13.569	181738	15.057
	EPA SAMPLE NO.						
01	TP-2B	915623	11.42	567502	14.06	470991	15.55
02	TP-1	718007	11.42	611693	14.06	503779	15.55
03	TP-3	760301	11.42	624905	14.06	499846	15.56
04	TP-3MS	711855	11.43	525246	14.07	490879	15.56
05	TP-3MSD	695642	11.43	504507	14.07	463876	15.56

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/15/2025

Lab File ID: BF142393.D Time Analyzed: 15:41

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	168883	6.904	623039	8.19	317544	9.94
	UPPER LIMIT	337766	7.404	1246080	8.687	635088	10.439
	LOWER LIMIT	84441.5	6.404	311520	7.687	158772	9.439
	EPA SAMPLE NO.						
01	PB167953BL	167151	6.90	651521	8.18	343903	9.93
02	TP-6	163201	6.90	621833	8.18	334642	9.93
03	TP-8	160071	6.90	605054	8.18	320606	9.94
04	TP-4	176019	6.90	648776	8.19	308965	9.94
05	TP-5	156800	6.90	595096	8.18	309030	9.94

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/15/2025

Lab File ID: BF142393.D Time Analyzed: 15:41

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	516450	11.427	271993	14.063	340967	15.551
	UPPER LIMIT	1032900	11.927	543986	14.563	681934	16.051
	LOWER LIMIT	258225	10.927	135997	13.563	170484	15.051
	EPA SAMPLE NO.						
01	PB167953BL	581369	11.42	340684	14.06	283265	15.55
02	TP-6	592254	11.42	358051	14.06	361581	15.55
03	TP-8	518248	11.42	355689	14.06	278675	15.55
04	TP-4	449574	11.43	299172	14.07	224973	15.56
05	TP-5	471561	11.42	353038	14.06	254978	15.55

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/16/2025

Lab File ID: BF142416.D Time Analyzed: 09:45

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	162723	6.904	631476	8.19	337294	9.95
	UPPER LIMIT	325446	7.404	1262950	8.686	674588	10.445
	LOWER LIMIT	81361.5	6.404	315738	7.686	168647	9.445
	EPA SAMPLE NO.						
01	PB167953BS	173630	6.90	675385	8.19	366566	9.95

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.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/16/2025

Lab File ID: BF142416.D Time Analyzed: 09:45

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	570778	11.427	303020	14.068	328347	15.562
	UPPER LIMIT	1141560	11.927	606040	14.568	656694	16.062
	LOWER LIMIT	285389	10.927	151510	13.568	164174	15.062
	EPA SAMPLE NO.						
01	PB167953BS	630880	11.43	344356	14.07	359523	15.56

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/15/2025

Lab File ID: BP024634.D Time Analyzed: 12:25

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	130531	7.658	590490	10.43	383835	14.30
	UPPER LIMIT	261062	8.158	1180980	10.928	767670	14.804
	LOWER LIMIT	65265.5	7.158	295245	9.928	191918	13.804
	EPA SAMPLE NO.						
01	PB167973BL	146276	7.66	564318	10.43	357828	14.29
02	PB167973BS	131081	7.65	537517	10.42	347277	14.30
03	TP-9	165553	7.66	643582	10.43	391444	14.29
04	TP-13MS	165529	7.66	634360	10.43	378565	14.30
05	TP-13MSD	159501	7.66	628820	10.43	375530	14.30

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.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/15/2025

Lab File ID: BP024634.D Time Analyzed: 12:25

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	784999	17.092	868702	21.527	1013040	24.81
	UPPER LIMIT	1570000	17.592	1737400	22.027	2026080	25.31
	LOWER LIMIT	392500	16.592	434351	21.027	506520	24.31
	EPA SAMPLE NO.						
01	PB167973BL	764705	17.09	884123	21.52	966019	24.80
02	PB167973BS	706031	17.10	796554	21.53	897451	24.83
03	TP-9	756008	17.09	888340	21.52	1083560	24.80
04	TP-13MS	753325	17.10	842505	21.53	953147	24.80
05	TP-13MSD	726778	17.10	785534	21.53	909133	24.80

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

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

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



SAMPLE DATA

Raw Data: **BF142364.D**

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-1	SDG No.:	Q1982
Lab Sample ID:	Q1982-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.9
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142364.D	1	05/12/25 09:38	05/14/25 14:23	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	410	ug/Kg
108-95-2	Phenol	27.3	U	27.3	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	30.0	U	30.0	210	ug/Kg
95-57-8	2-Chlorophenol	30.1	U	30.1	210	ug/Kg
95-48-7	2-Methylphenol	36.9	U	36.9	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46.2	U	46.2	210	ug/Kg
98-86-2	Acetophenone	36.4	U	36.4	210	ug/Kg
65794-96-9	3+4-Methylphenols	50.7	U	50.7	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	58.5	U	58.5	98.7	ug/Kg
67-72-1	Hexachloroethane	21.7	U	21.7	210	ug/Kg
98-95-3	Nitrobenzene	22.6	U	22.6	210	ug/Kg
78-59-1	Isophorone	40.4	U	40.4	210	ug/Kg
88-75-5	2-Nitrophenol	71.8	U	71.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	79.9	U	79.9	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	38.0	U	38.0	210	ug/Kg
120-83-2	2,4-Dichlorophenol	34.9	U	34.9	210	ug/Kg
91-20-3	Naphthalene	28.0	U	28.0	210	ug/Kg
106-47-8	4-Chloroaniline	43.7	U	43.7	210	ug/Kg
87-68-3	Hexachlorobutadiene	31.2	U	31.2	210	ug/Kg
105-60-2	Caprolactam	64.3	U	64.3	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35.4	U	35.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	31.6	U	31.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24.4	U	24.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35.9	U	35.9	210	ug/Kg
92-52-4	1,1-Biphenyl	26.9	U	26.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	27.7	U	27.7	210	ug/Kg
88-74-4	2-Nitroaniline	59.3	U	59.3	210	ug/Kg
131-11-3	Dimethylphthalate	33.4	U	33.4	210	ug/Kg

Raw Data: **BF142364.D**

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-1	SDG No.:	Q1982
Lab Sample ID:	Q1982-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.9
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142364.D	1	05/12/25 09:38	05/14/25 14:23	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	35.6	U	35.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	41.4	U	41.4	210	ug/Kg
99-09-2	3-Nitroaniline	56.7	U	56.7	210	ug/Kg
83-32-9	Acenaphthene	26.3	U	26.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	410	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	410	ug/Kg
132-64-9	Dibenzofuran	28.0	U	28.0	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	61.8	UQ	61.8	210	ug/Kg
84-66-2	Diethylphthalate	34.9	U	34.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32.9	U	32.9	210	ug/Kg
86-73-7	Fluorene	31.2	U	31.2	210	ug/Kg
100-01-6	4-Nitroaniline	79.2	UQ	79.2	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	40.6	U	40.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34.3	U	34.3	210	ug/Kg
118-74-1	Hexachlorobenzene	31.2	U	31.2	210	ug/Kg
1912-24-9	Atrazine	41.9	U	41.9	210	ug/Kg
87-86-5	Pentachlorophenol	63.3	UQ	63.3	410	ug/Kg
85-01-8	Phenanthrene	25.8	U	25.8	210	ug/Kg
120-12-7	Anthracene	41.1	U	41.1	210	ug/Kg
86-74-8	Carbazole	38.5	U	38.5	210	ug/Kg
84-74-2	Di-n-butylphthalate	59.1	U	59.1	210	ug/Kg
206-44-0	Fluoranthene	37.0	U	37.0	210	ug/Kg
129-00-0	Pyrene	44.4	U	44.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	88.1	U	88.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	45.3	U	45.3	410	ug/Kg
56-55-3	Benzo(a)anthracene	28.4	U	28.4	210	ug/Kg
218-01-9	Chrysene	24.5	U	24.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	J	73.0	210	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	23.4	U	23.4	210	ug/Kg

Raw Data: **BF142364.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-1	SDG No.:	Q1982
Lab Sample ID:	Q1982-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.9
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142364.D	1	05/12/25 09:38	05/14/25 14:23	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	27.6	U	27.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	36.4	U	36.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35.9	U	35.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33.8	U	33.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31.7	U	31.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31.6	U	31.6	210	ug/Kg
123-91-1	1,4-Dioxane	55.7	U	55.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33.8	U	33.8	210	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	87.9		18 - 112	59%	SPK: 150
13127-88-3	Phenol-d6	88.6		15 - 107	59%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.0		18 - 107	59%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.8		20 - 109	54%	SPK: 100
118-79-6	2,4,6-Tribromophenol	106		10 - 116	70%	SPK: 150
1718-51-0	Terphenyl-d14	45.5		10 - 105	45%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	171000	6.898			
1146-65-2	Naphthalene-d8	666000	8.181			
15067-26-2	Acenaphthene-d10	370000	9.933			
1517-22-2	Phenanthrene-d10	718000	11.422			
1719-03-5	Chrysene-d12	612000	14.063			
1520-96-3	Perylene-d12	504000	15.551			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	280	AB		5.11	ug/Kg
000119-61-9	Benzophenone	330	J		10.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	390	J		12.0	ug/Kg
000057-11-4	Octadecanoic acid	100	J		12.7	ug/Kg
000296-56-0	Cycloeicosane	190	J		13.9	ug/Kg

Raw Data: **BF142364.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-1	SDG No.:	Q1982
Lab Sample ID:	Q1982-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.9
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142364.D	1	05/12/25 09:38	05/14/25 14:23	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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\BF051425\
Data File : BF142364.D
Acq On : 14 May 2025 14:23
Operator : RC/JU
Sample : Q1982-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: May 14 15:01:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

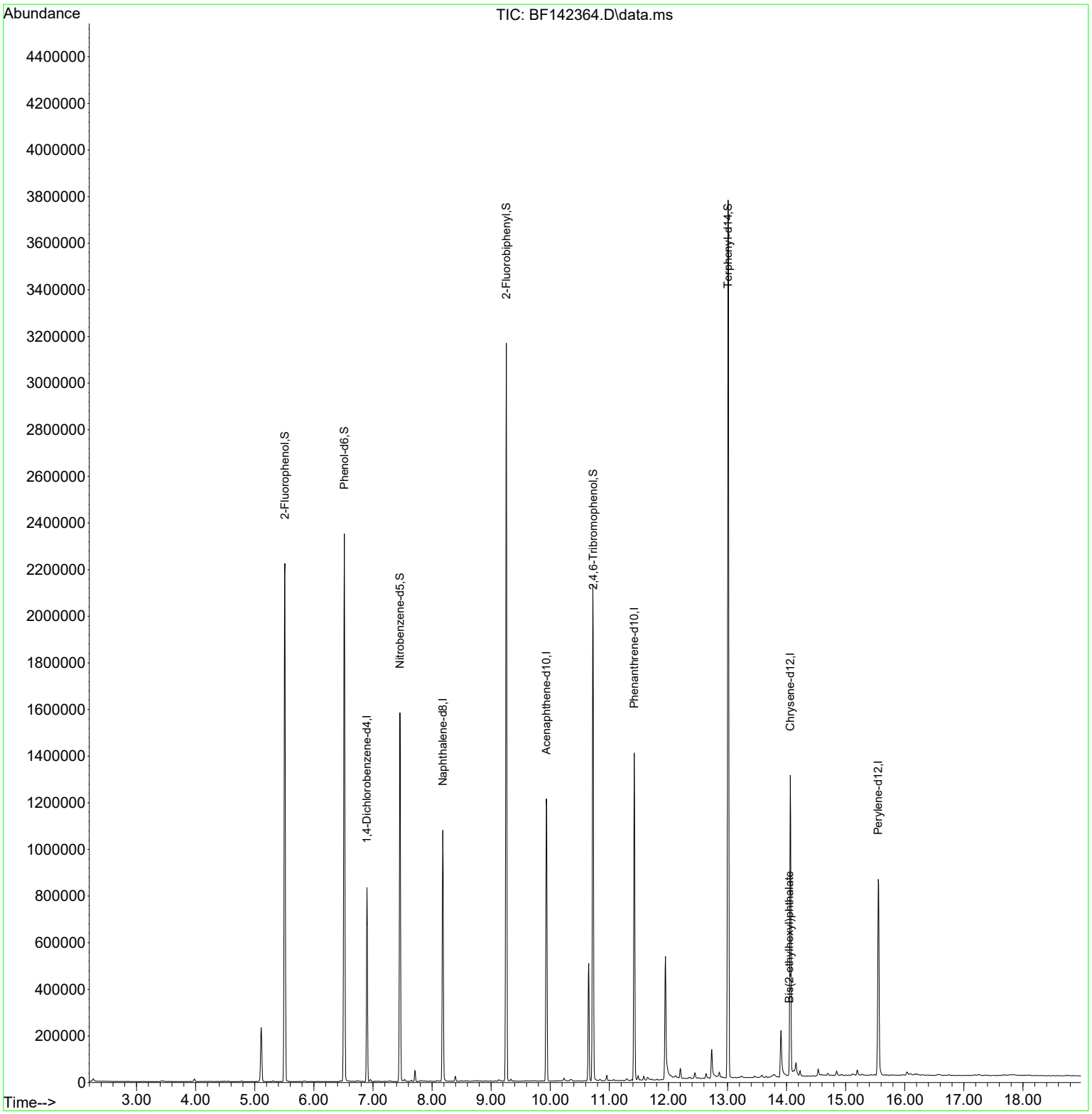
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	171428	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	665674	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	370105	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	718007	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	611693	20.000	ng	0.00
86) Perylene-d12	15.551	264	503779	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	882477	87.877	ng	0.00
7) Phenol-d6	6.516	99	1094089	88.582	ng	0.00
23) Nitrobenzene-d5	7.457	82	644190	59.019	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	377710	105.704	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1396803	53.814	ng	0.00
79) Terphenyl-d14	13.010	244	1879960	45.489	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	14.045	149	3758	4.403	ng	# 93

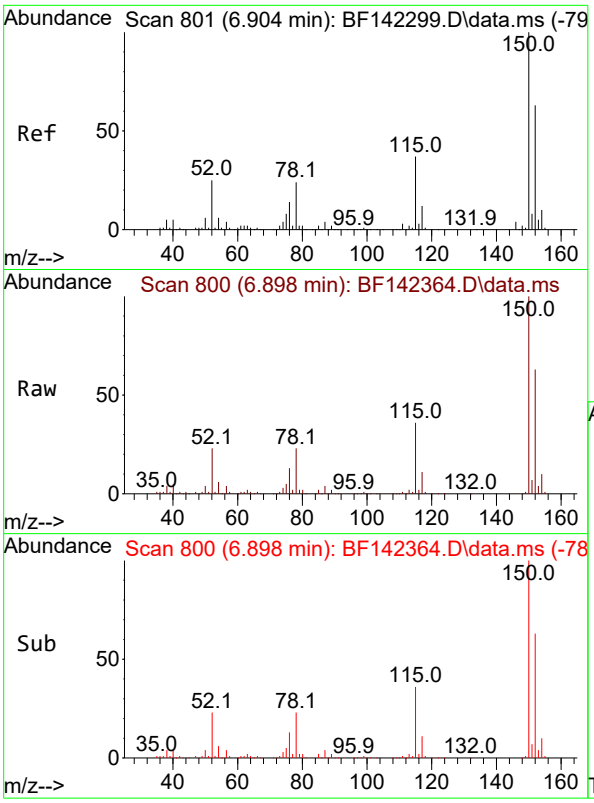
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142364.D
Acq On : 14 May 2025 14:23
Operator : RC/JU
Sample : Q1982-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: May 14 15:01:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



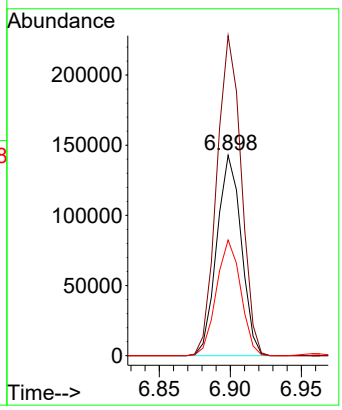


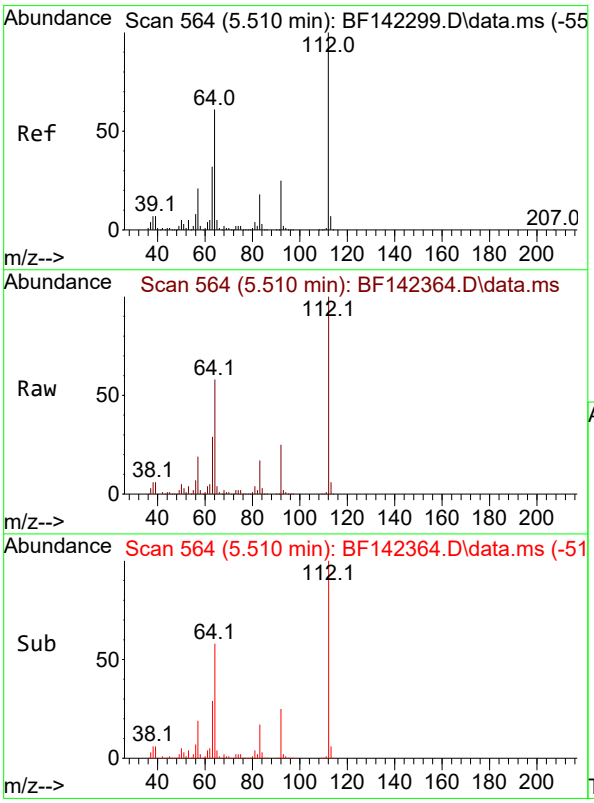
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 171428

Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.6	190.0
115	57.7	47.3	70.9

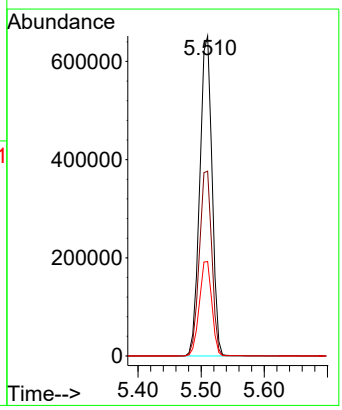


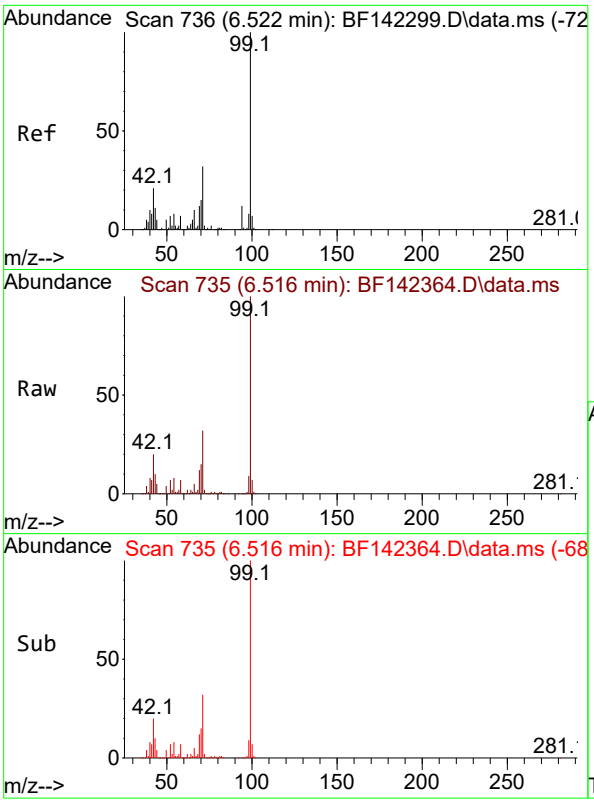


#5
2-Fluorophenol
Concen: 87.877 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Tgt Ion:112 Resp: 882477

Ion	Ratio	Lower	Upper
112	100		
64	57.8	48.9	73.3
63	29.5	25.6	38.4



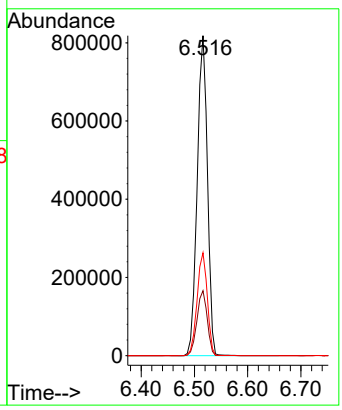


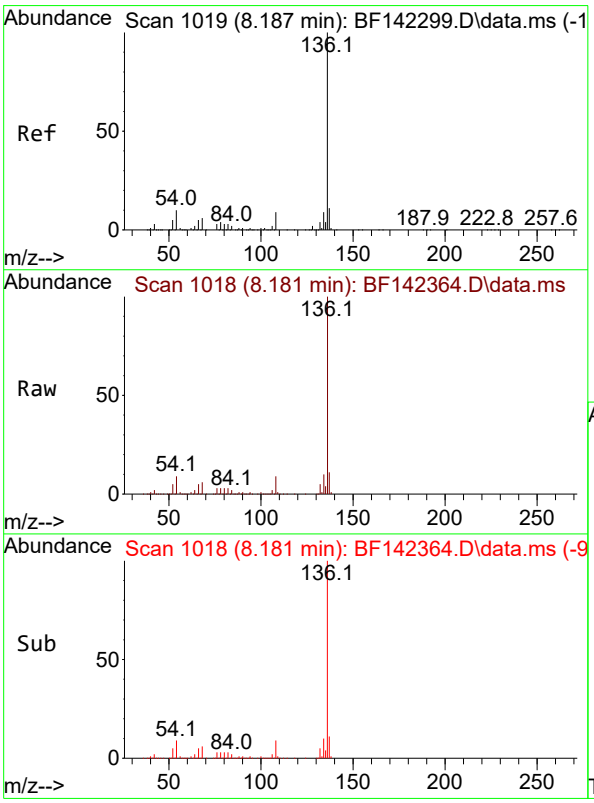
#7
Phenol-d6
Concen: 88.582 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 1094089

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.0	25.4
71	32.2	25.8	38.8

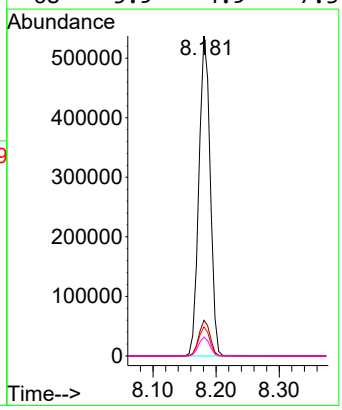


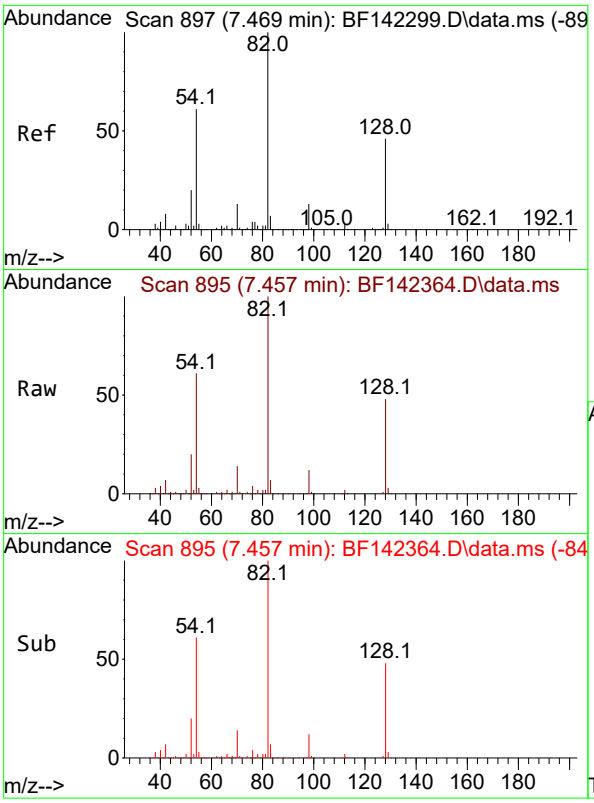


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Tgt Ion:136 Resp: 665674

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.1	7.7	11.5
68	5.9	4.9	7.3



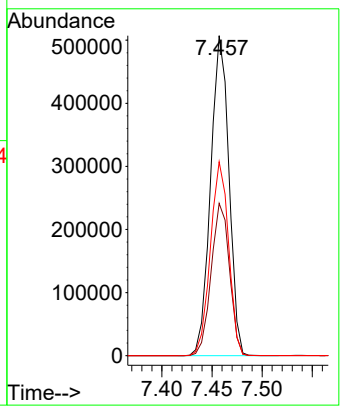


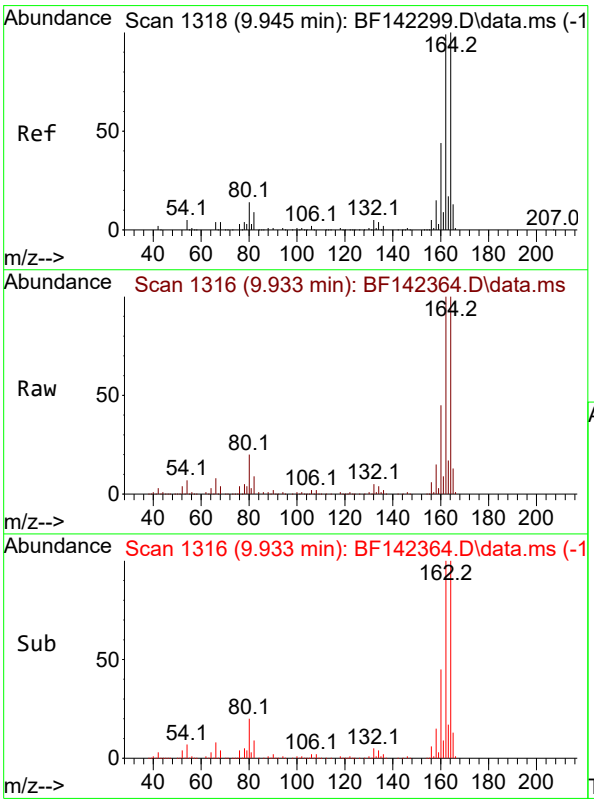
#23
Nitrobenzene-d5
Concen: 59.019 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 644190

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.0	55.6
54	60.6	48.6	73.0

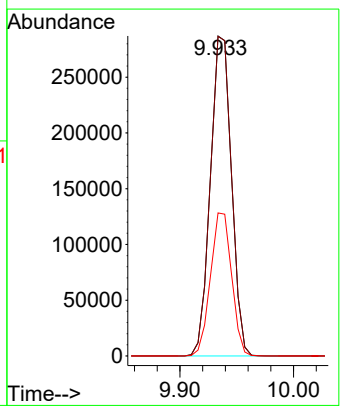


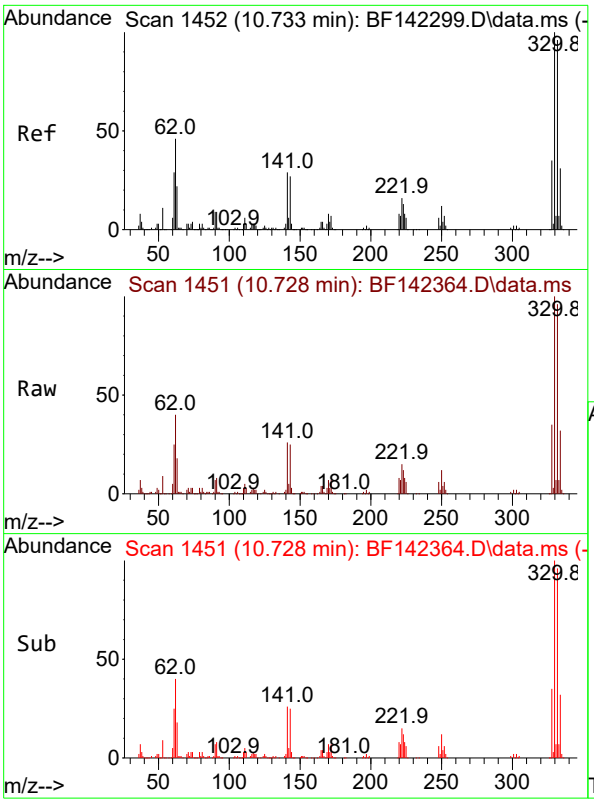


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Tgt Ion:164 Resp: 370105

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.2	118.8
160	44.7	35.3	52.9



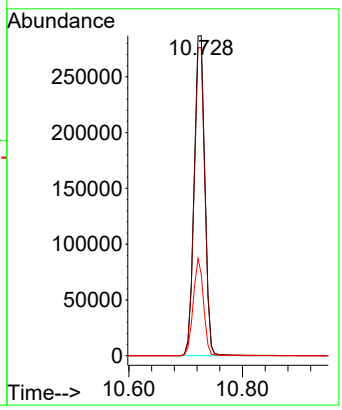


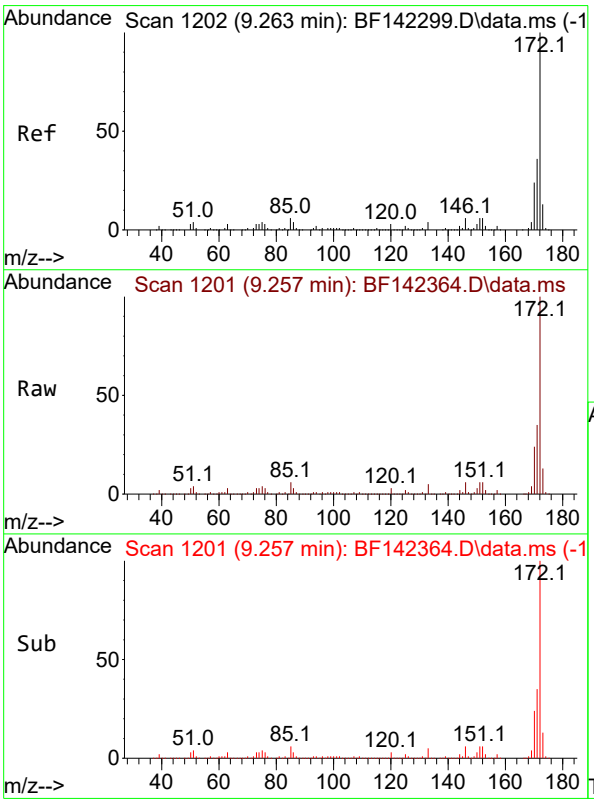
#42
2,4,6-Tribromophenol
Concen: 105.704 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:330 Resp: 377710

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	29.1	24.9	37.3

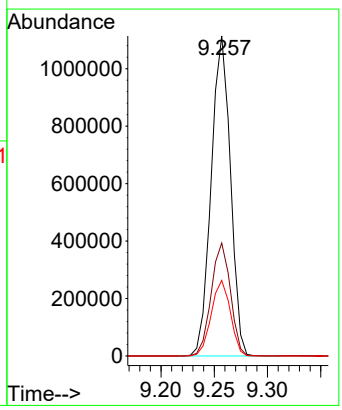


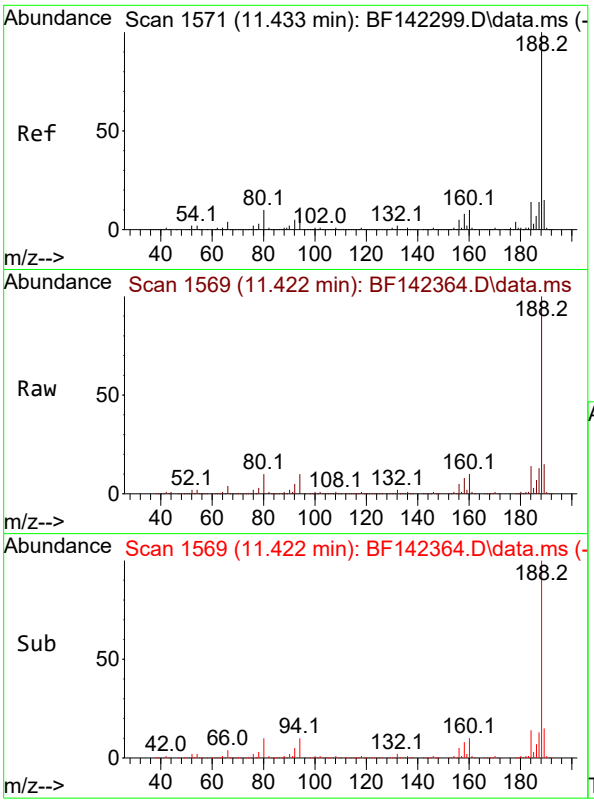


#45
2-Fluorobiphenyl
Concen: 53.814 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Tgt Ion:172 Resp: 1396803

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.6	19.0	28.4



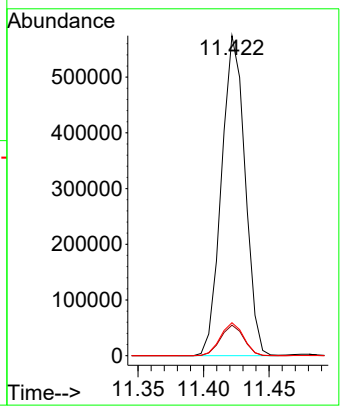


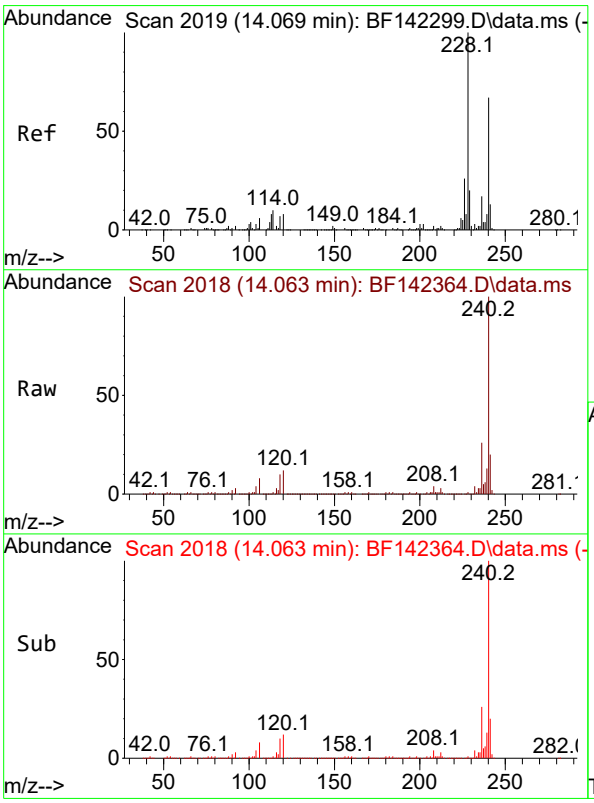
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:188 Resp: 718007

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.3	7.9	11.9

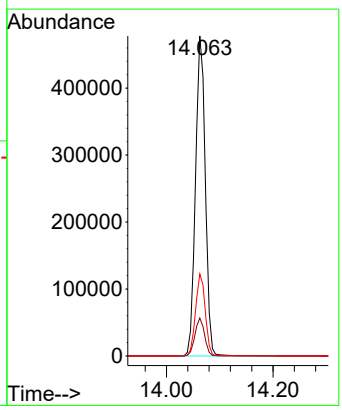


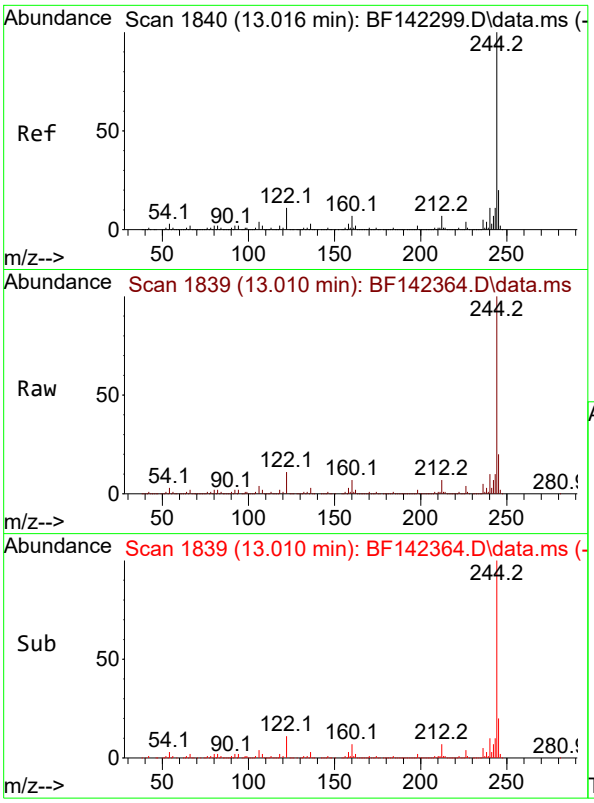


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Tgt Ion:240 Resp: 611693

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.7	14.5
236	25.6	20.0	30.0



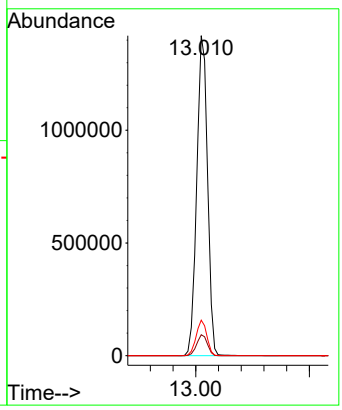


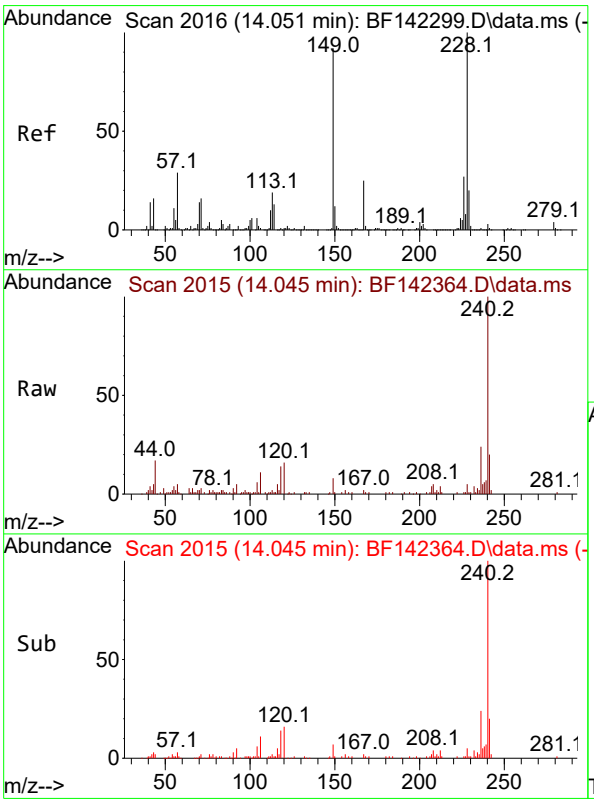
#79
Terphenyl-d14
Concen: 45.489 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:244 Resp: 1879960

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	11.1	9.0	13.4

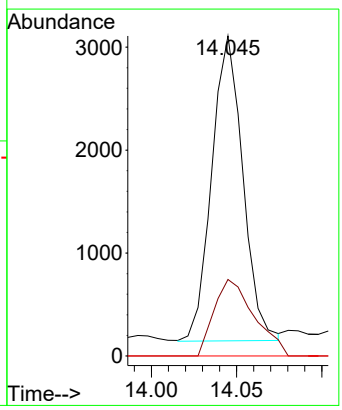


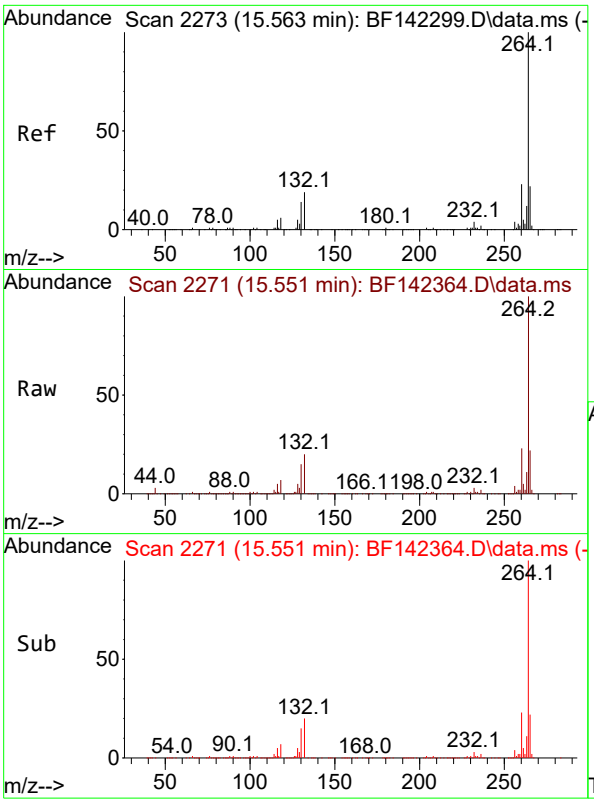


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.403 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Tgt Ion:149 Resp: 3758

Ion	Ratio	Lower	Upper
149	100		
167	23.9	22.0	33.0
279	0.0	3.0	4.6#



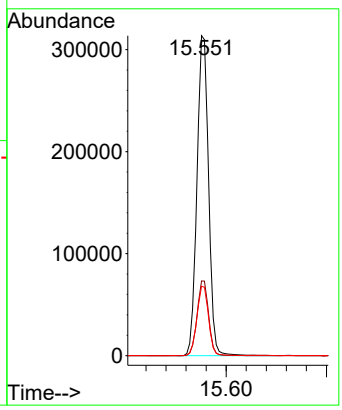


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 503779

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.7	17.5	26.3



Sample Results: **BF142364.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142364.D
Acq On : 14 May 2025 14:23
Operator : RC/JU
Sample : Q1982-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142364.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	487	496	503	rBV	230707	342761	6.92%	1.099%
2	5.510	557	564	569	rBV	2221403	3039391	61.32%	9.749%
3	6.516	728	735	740	rBV	2347887	3154534	63.64%	10.118%
4	6.898	795	800	805	rBV	830738	993933	20.05%	3.188%
5	7.457	889	895	900	rBV	1581446	2012071	40.59%	6.454%
6	7.710	934	938	944	rVB	45105	54343	1.10%	0.174%
7	8.181	1013	1018	1023	rBV	1076096	1330468	26.84%	4.267%
8	9.257	1195	1201	1206	rBV	3165324	3972067	80.14%	12.740%
9	9.933	1311	1316	1322	rBV	1210374	1560470	31.48%	5.005%
10	10.651	1432	1438	1443	rBV	504294	628002	12.67%	2.014%
11	10.722	1445	1450	1461	rVV	2129711	2730745	55.09%	8.759%
12	11.422	1564	1569	1576	rBV	1404403	1767145	35.65%	5.668%
13	11.951	1652	1659	1672	rBV	528236	848359	17.12%	2.721%
14	12.204	1697	1702	1709	rVB3	42397	57993	1.17%	0.186%
15	12.733	1787	1792	1805	rBV	122428	216839	4.37%	0.696%
16	13.010	1833	1839	1844	rBV	3765198	4956547	100.00%	15.898%
17	13.904	1986	1991	2011	rBV	200242	381637	7.70%	1.224%
18	14.063	2012	2018	2025	rBV	1287192	1675689	33.81%	5.375%
19	14.157	2030	2034	2042	rVB	52374	99192	2.00%	0.318%
20	15.551	2265	2271	2286	rBV	840443	1355005	27.34%	4.346%

Sum of corrected areas: 31177191

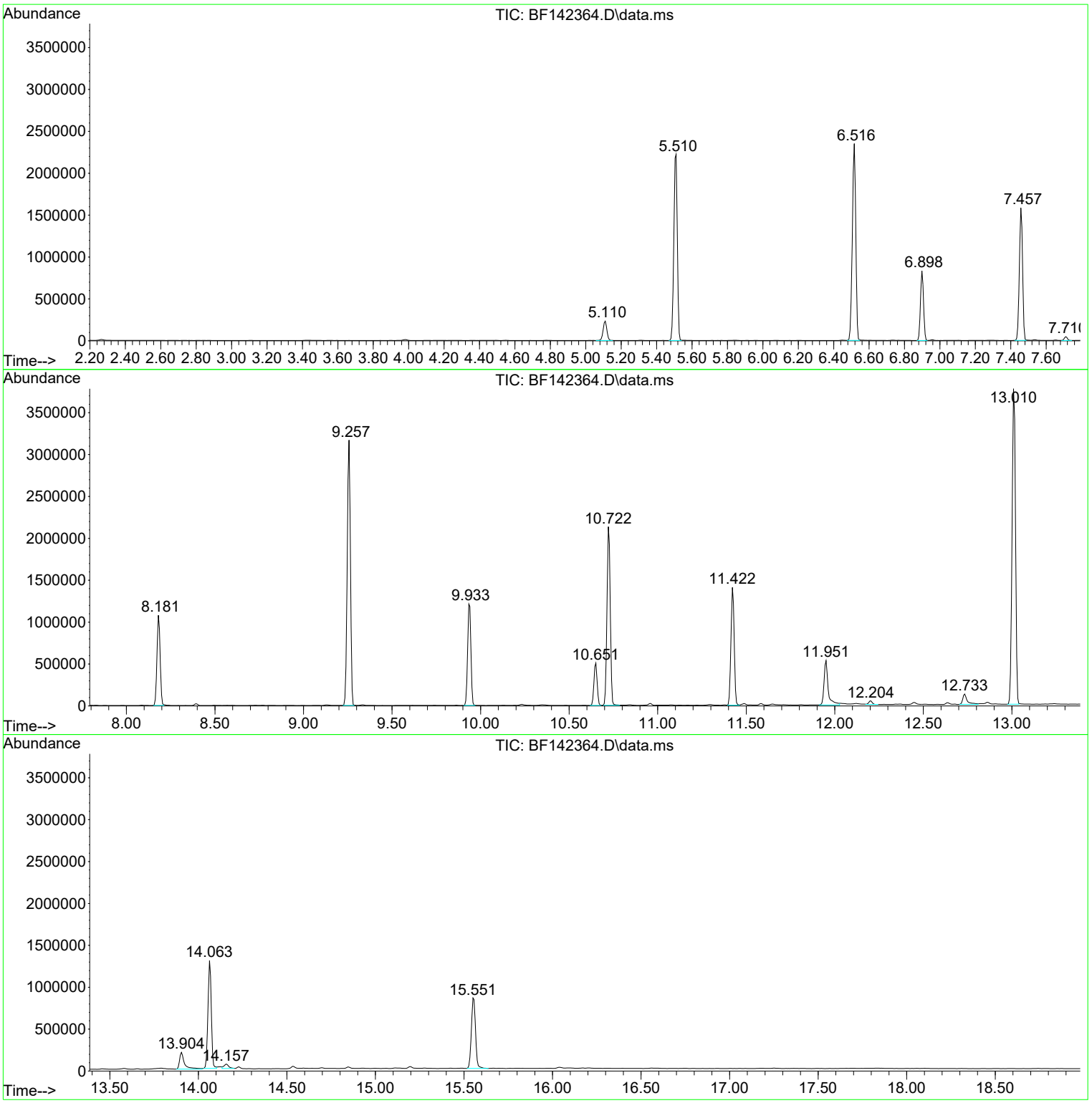
Sample Results: **BF142364.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142364.D
Acq On : 14 May 2025 14:23
Operator : RC/JU
Sample : Q1982-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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\BF051425\
Data File : BF142364.D
Acq On : 14 May 2025 14:23
Operator : RC/JU
Sample : Q1982-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

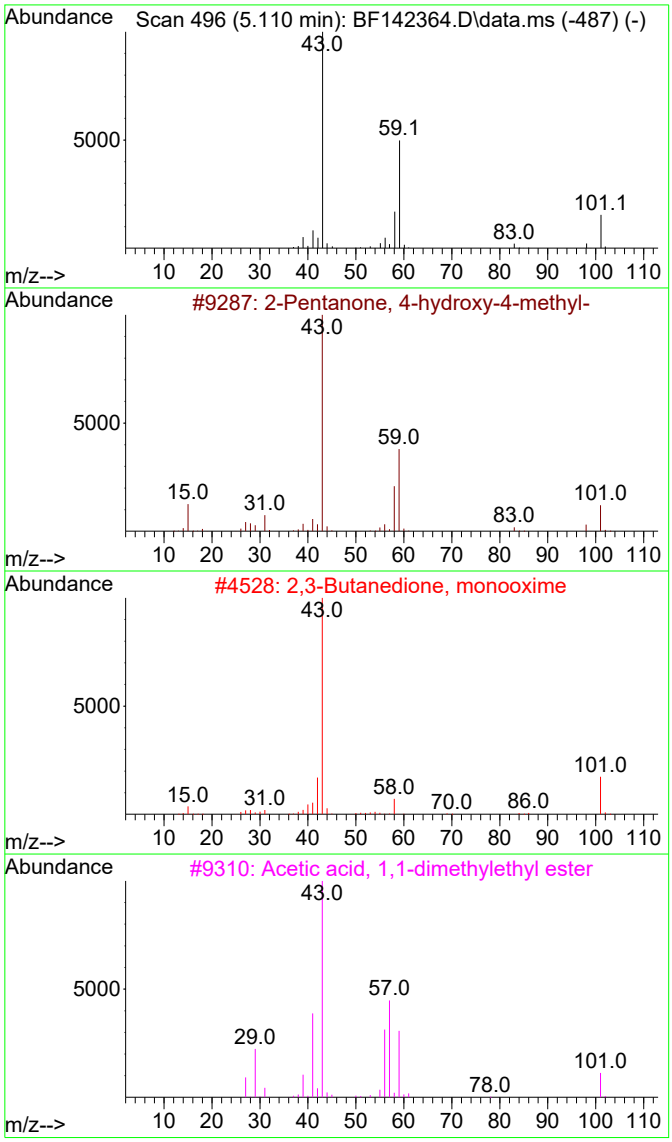
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

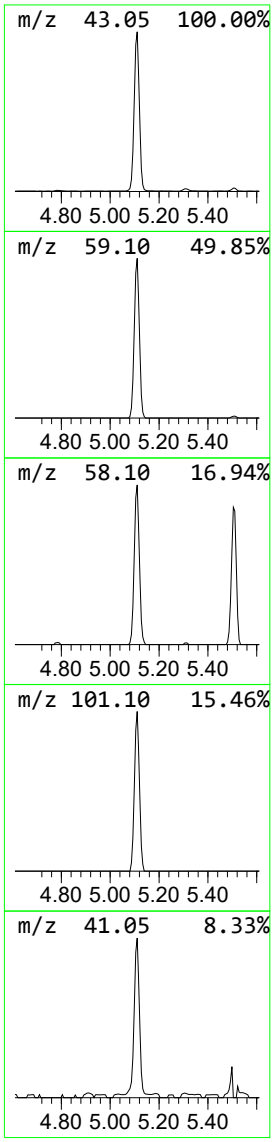
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	6.90 ng	342761	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Acetone	58	C3H6O	000067-64-1	9





Sample Results: **BF142364.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142364.D
Acq On : 14 May 2025 14:23
Operator : RC/JU
Sample : Q1982-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

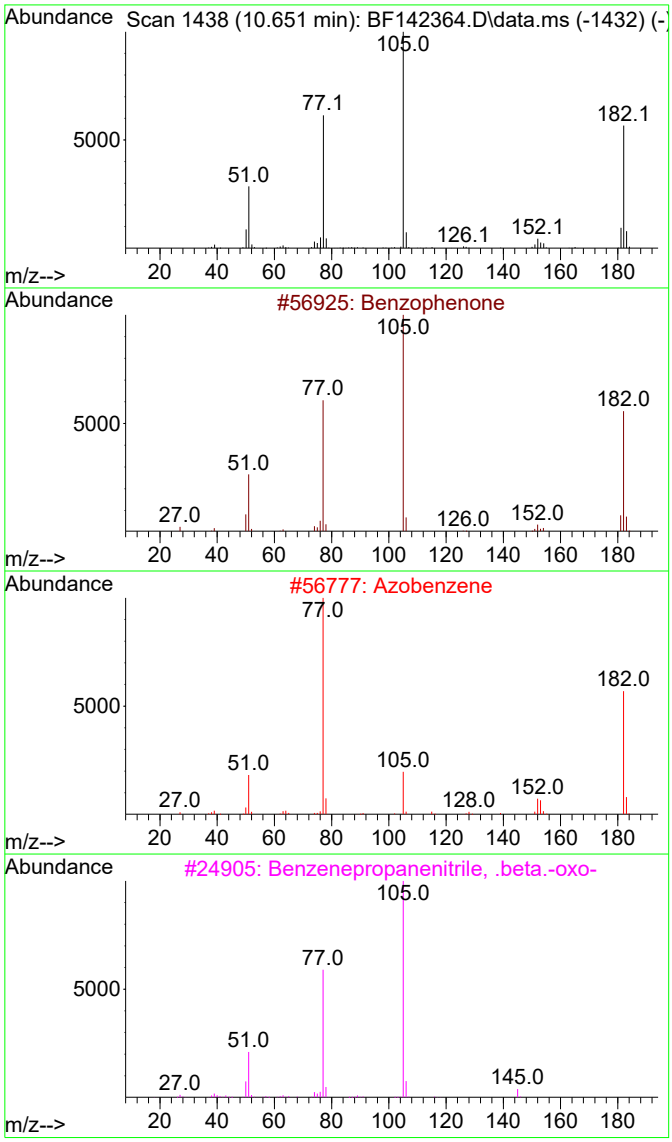
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

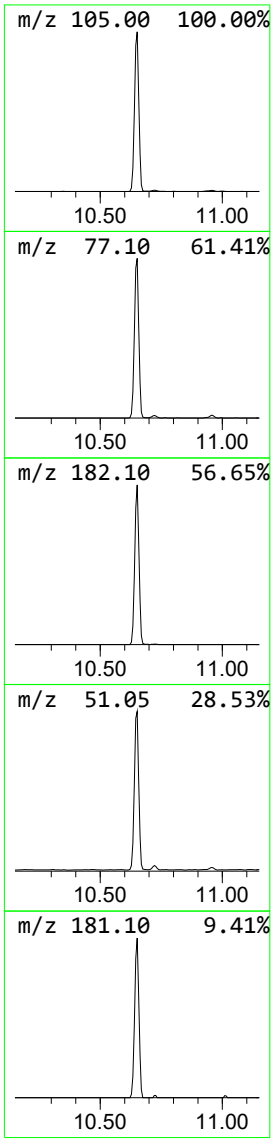
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Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	8.05 ng	628002	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	53
3	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





Sample Results: **BF142364.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142364.D
Acq On : 14 May 2025 14:23
Operator : RC/JU
Sample : Q1982-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

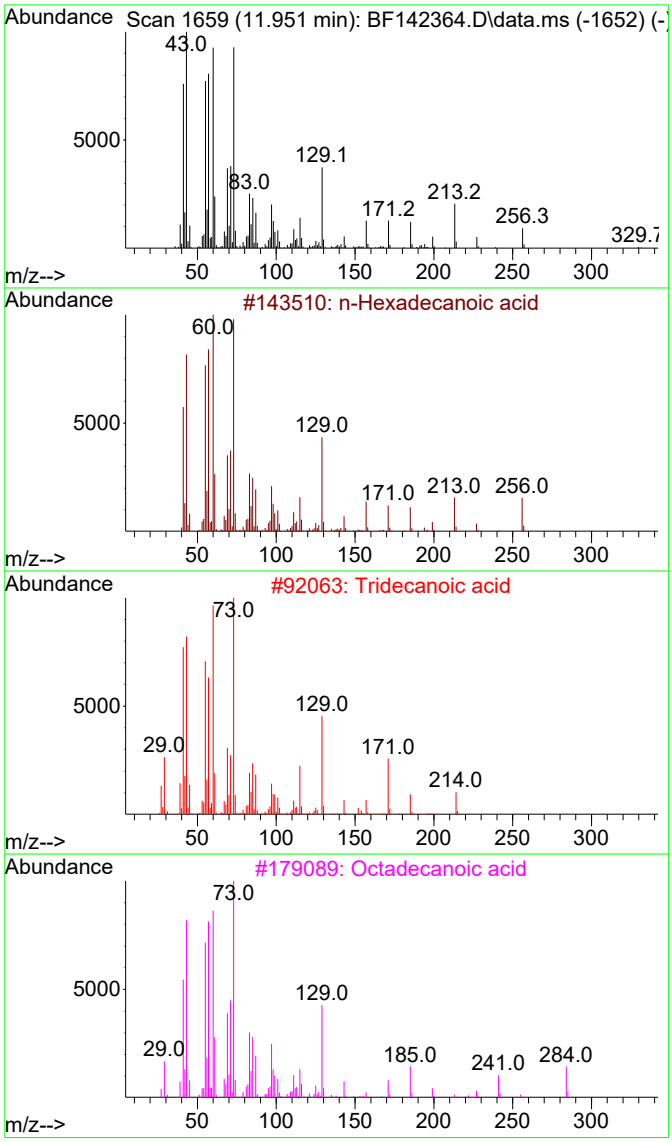
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

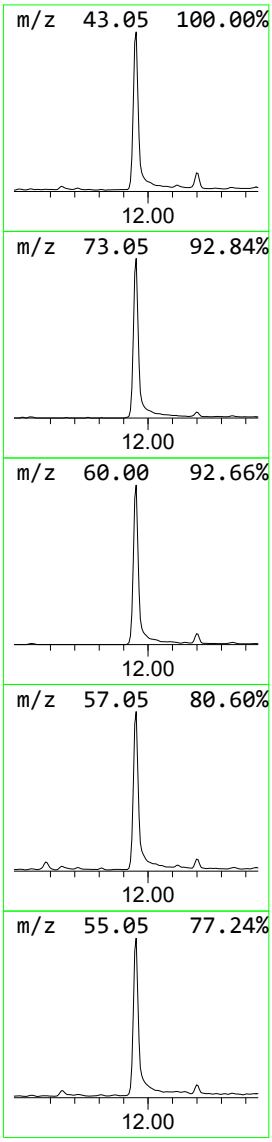
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	9.60 ng	848359	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142364.D
Acq On : 14 May 2025 14:23
Operator : RC/JU
Sample : Q1982-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

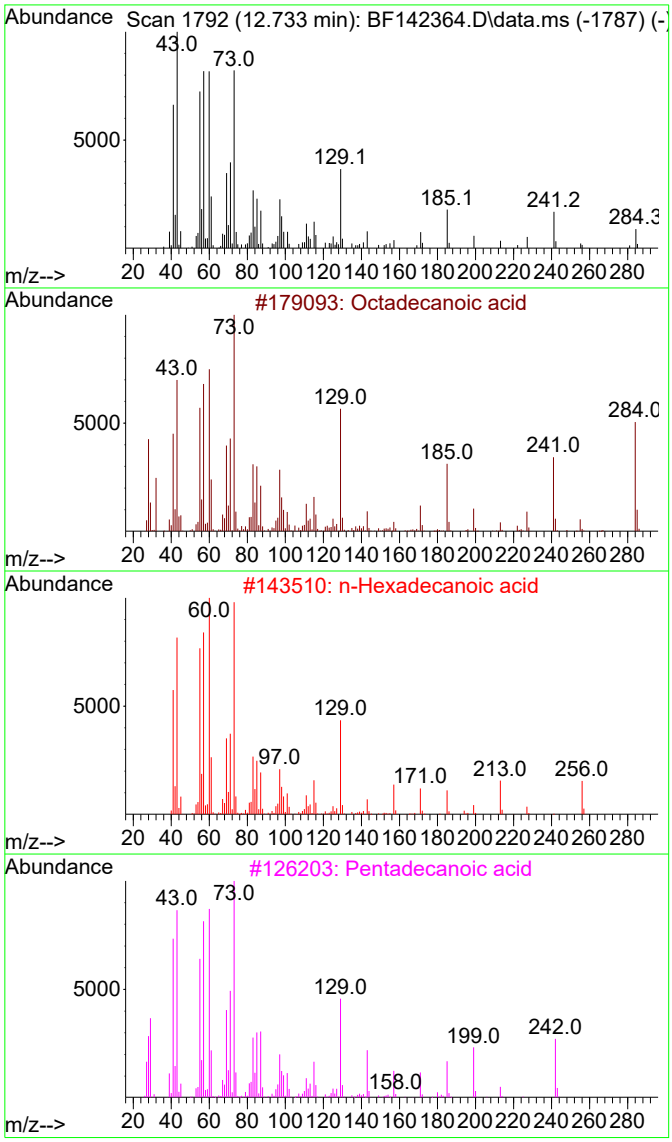
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

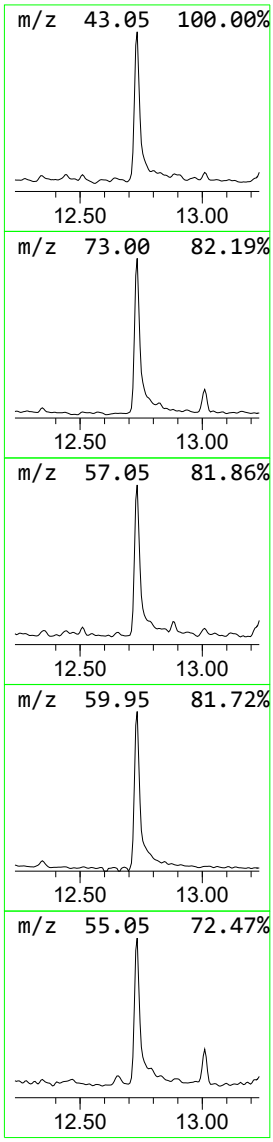
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	2.45 ng	216839	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142364.D
Acq On : 14 May 2025 14:23
Operator : RC/JU
Sample : Q1982-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

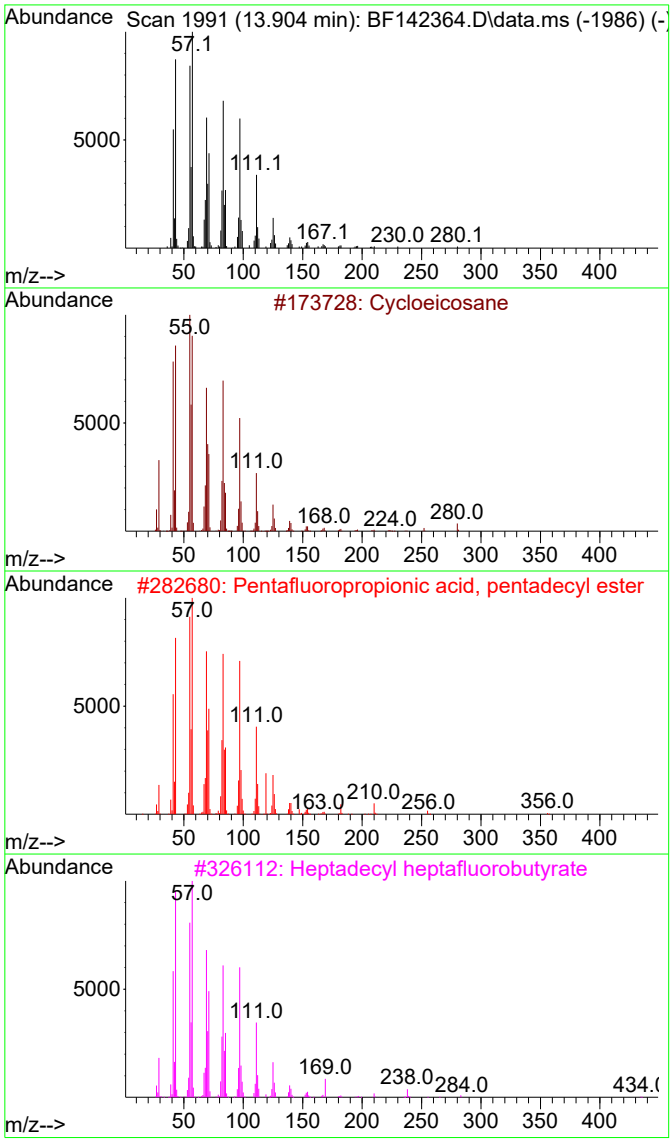
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

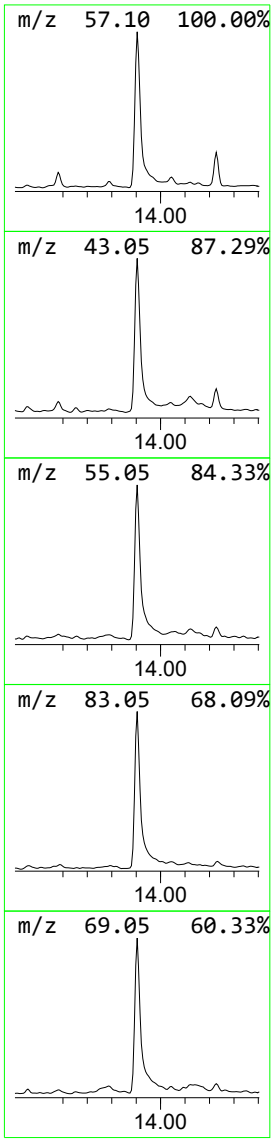
****

Peak Number 5 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.55 ng	381637	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	1-Docosene	308	C22H44	001599-67-3	94
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94





Sample Results: **BF142364.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142364.D
Acq On : 14 May 2025 14:23
Operator : RC/JU
Sample : Q1982-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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-...	5.110	6.9	ng	342761	1	6.898	993933	20.0
Benzophenone	10.651	8.1	ng	628002	3	9.933	1560470	20.0
n-Hexadecanoic ...	11.951	9.6	ng	848359	4	11.422	1767150	20.0
Octadecanoic acid	12.733	2.5	ng	216839	4	11.422	1767150	20.0
Cycloeicosane	13.904	4.5	ng	381637	5	14.063	1675690	20.0

Raw Data: **BF142378.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-2B	SDG No.:	Q1982
Lab Sample ID:	Q1982-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142378.D	1	05/12/25 09:38	05/14/25 21:06	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	390	ug/Kg
108-95-2	Phenol	26.0	U	26.0	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	28.6	U	28.6	200	ug/Kg
95-57-8	2-Chlorophenol	28.7	U	28.7	200	ug/Kg
95-48-7	2-Methylphenol	35.1	U	35.1	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44.1	U	44.1	200	ug/Kg
98-86-2	Acetophenone	34.7	U	34.7	200	ug/Kg
65794-96-9	3+4-Methylphenols	48.3	U	48.3	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.7	U	55.7	94.0	ug/Kg
67-72-1	Hexachloroethane	20.7	U	20.7	200	ug/Kg
98-95-3	Nitrobenzene	21.5	U	21.5	200	ug/Kg
78-59-1	Isophorone	38.5	U	38.5	200	ug/Kg
88-75-5	2-Nitrophenol	68.4	U	68.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	76.2	U	76.2	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	36.2	U	36.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	33.3	U	33.3	200	ug/Kg
91-20-3	Naphthalene	26.7	U	26.7	200	ug/Kg
106-47-8	4-Chloroaniline	41.6	U	41.6	200	ug/Kg
87-68-3	Hexachlorobutadiene	29.7	U	29.7	200	ug/Kg
105-60-2	Caprolactam	61.2	U	61.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33.7	U	33.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	30.1	U	30.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23.3	U	23.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34.2	U	34.2	200	ug/Kg
92-52-4	1,1-Biphenyl	25.6	U	25.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	26.4	U	26.4	200	ug/Kg
88-74-4	2-Nitroaniline	56.5	U	56.5	200	ug/Kg
131-11-3	Dimethylphthalate	31.9	U	31.9	200	ug/Kg

Raw Data: **BF142378.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-2B	SDG No.:	Q1982
Lab Sample ID:	Q1982-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142378.D	1	05/12/25 09:38	05/14/25 21:06	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	34.0	U	34.0	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	39.5	U	39.5	200	ug/Kg
99-09-2	3-Nitroaniline	54.1	U	54.1	200	ug/Kg
83-32-9	Acenaphthene	25.0	U	25.0	200	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	390	ug/Kg
132-64-9	Dibenzofuran	26.7	U	26.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.9	UQ	58.9	200	ug/Kg
84-66-2	Diethylphthalate	33.3	U	33.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31.4	U	31.4	200	ug/Kg
86-73-7	Fluorene	29.7	U	29.7	200	ug/Kg
100-01-6	4-Nitroaniline	75.5	UQ	75.5	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	38.7	U	38.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32.7	U	32.7	200	ug/Kg
118-74-1	Hexachlorobenzene	29.7	U	29.7	200	ug/Kg
1912-24-9	Atrazine	40.0	U	40.0	200	ug/Kg
87-86-5	Pentachlorophenol	60.3	UQ	60.3	390	ug/Kg
85-01-8	Phenanthrene	24.6	U	24.6	200	ug/Kg
120-12-7	Anthracene	39.1	U	39.1	200	ug/Kg
86-74-8	Carbazole	36.7	U	36.7	200	ug/Kg
84-74-2	Di-n-butylphthalate	56.3	U	56.3	200	ug/Kg
206-44-0	Fluoranthene	35.3	U	35.3	200	ug/Kg
129-00-0	Pyrene	42.3	U	42.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	83.9	U	83.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	43.1	U	43.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	27.0	U	27.0	200	ug/Kg
218-01-9	Chrysene	23.4	U	23.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	J	69.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.3	U	22.3	200	ug/Kg

Raw Data: **BF142378.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-2B	SDG No.:	Q1982
Lab Sample ID:	Q1982-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142378.D	1	05/12/25 09:38	05/14/25 21:06	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	26.3	U	26.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	34.7	U	34.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.2	U	34.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32.2	U	32.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.2	U	30.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30.1	U	30.1	200	ug/Kg
123-91-1	1,4-Dioxane	53.1	U	53.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32.2	U	32.2	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	77.3		18 - 112	52%	SPK: 150
13127-88-3	Phenol-d6	81.0		15 - 107	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	54.3		18 - 107	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.1		20 - 109	49%	SPK: 100
118-79-6	2,4,6-Tribromophenol	94.8		10 - 116	63%	SPK: 150
1718-51-0	Terphenyl-d14	49.7		10 - 105	50%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	214000	6.898			
1146-65-2	Naphthalene-d8	843000	8.181			
15067-26-2	Acenaphthene-d10	499000	9.939			
1517-22-2	Phenanthrene-d10	916000	11.422			
1719-03-5	Chrysene-d12	568000	14.063			
1520-96-3	Perylene-d12	471000	15.551			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	250	AB		5.11	ug/Kg
000119-61-9	Benzophenone	290	J		10.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	230	J		12.0	ug/Kg
1000406-04-5	Pentadecafluorooctanoic acid, pent	150	J		13.9	ug/Kg

Raw Data: **BF142378.D**

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

Report of Analysis

Client:	CDM Smith			Date Collected:	05/06/25
Project:	South River WM Replacement			Date Received:	05/07/25
Client Sample ID:	TP-2B			SDG No.:	Q1982
Lab Sample ID:	Q1982-02			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	85
Sample Wt/Vol:	30.03	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142378.D	1	05/12/25 09:38	05/14/25 21:06	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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\BF051425\
Data File : BF142378.D
Acq On : 14 May 2025 21:06
Operator : RC/JU
Sample : Q1982-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2B

Quant Time: May 15 01:04:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

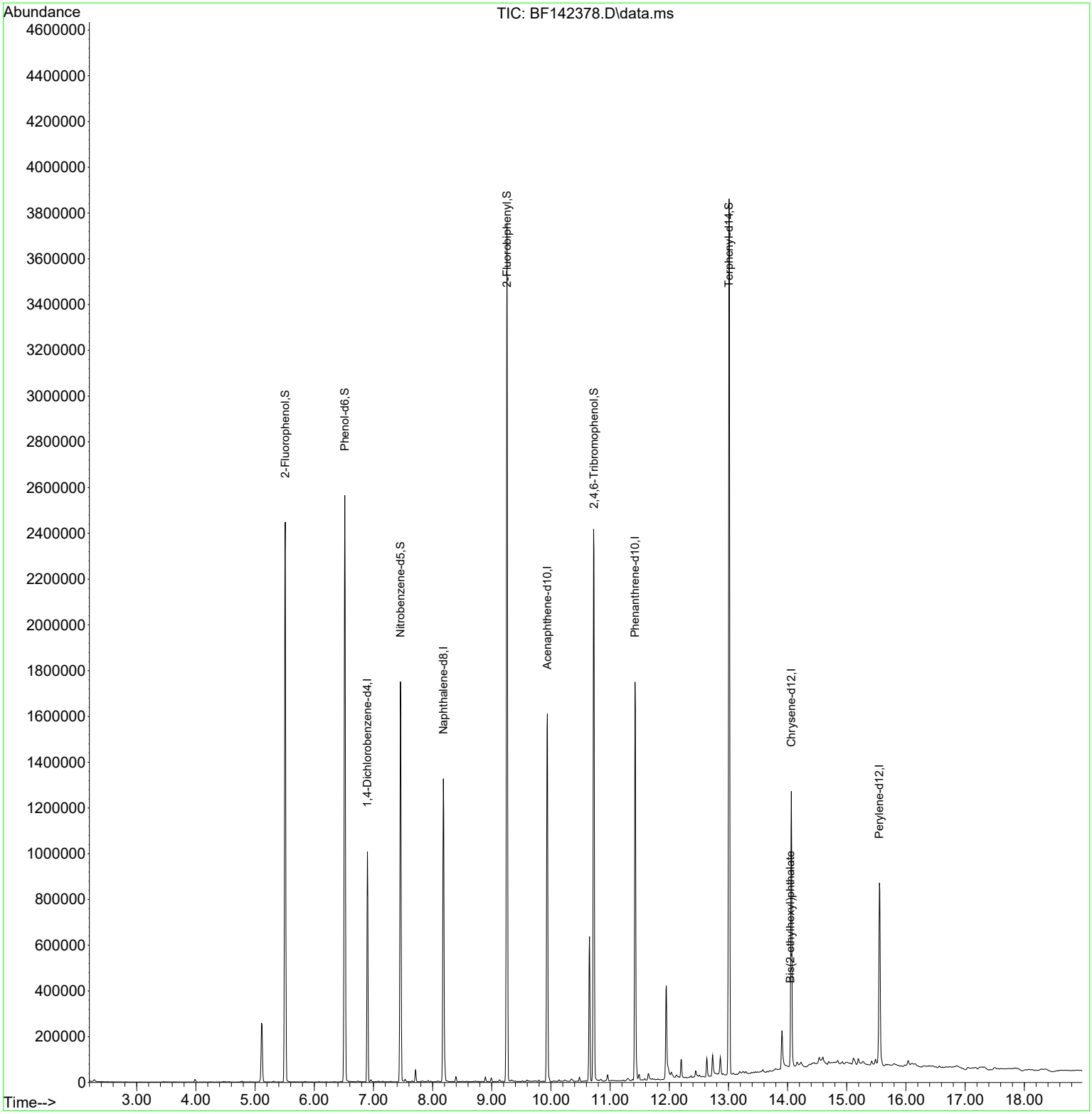
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	213754	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	843294	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	499403	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	915623	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	567502	20.000	ng	0.00
86) Perylene-d12	15.551	264	470991	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	967326	77.252	ng	0.00
7) Phenol-d6	6.516	99	1248110	81.043	ng	0.00
23) Nitrobenzene-d5	7.457	82	751490	54.348	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	456974	94.776	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1720635	49.127	ng	0.00
79) Terphenyl-d14	13.010	244	1907000	49.737	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	14.045	149	6715	4.556	ng	99

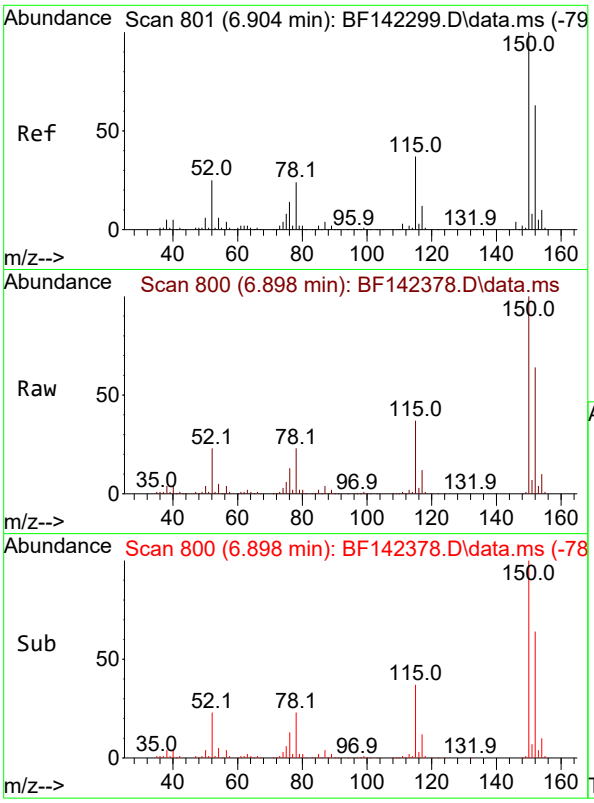
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142378.D
Acq On : 14 May 2025 21:06
Operator : RC/JU
Sample : Q1982-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2B

Quant Time: May 15 01:04:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



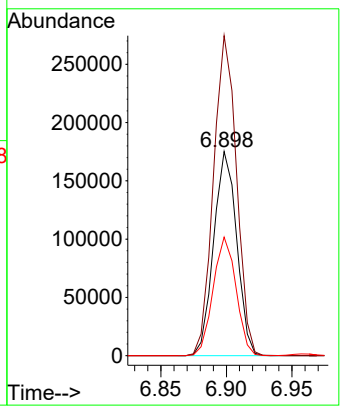


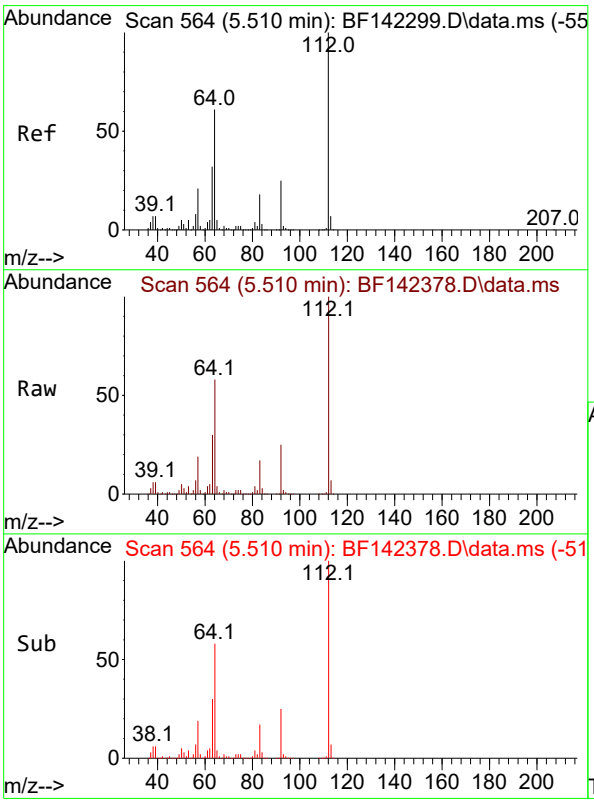
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142378.D
Acq: 14 May 2025 21:06

Instrument :
BNA_F
ClientSampleId :
TP-2B

Tgt Ion:152 Resp: 213754

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	190.0
115	58.1	47.3	70.9

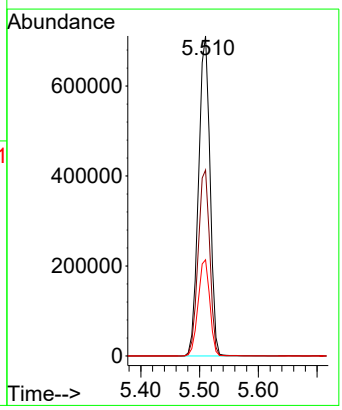


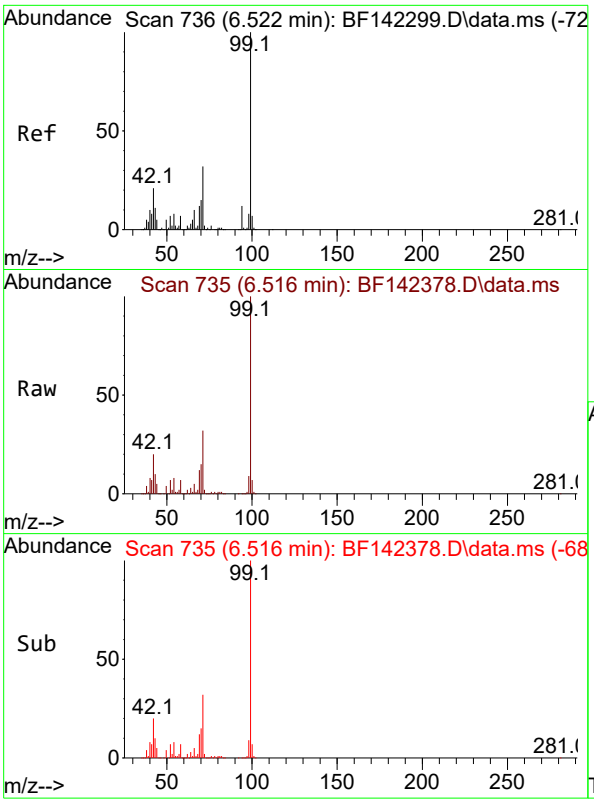


#5
2-Fluorophenol
Concen: 77.252 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142378.D
Acq: 14 May 2025 21:06

Tgt Ion:112 Resp: 967326

Ion	Ratio	Lower	Upper
112	100		
64	58.1	48.9	73.3
63	30.1	25.6	38.4



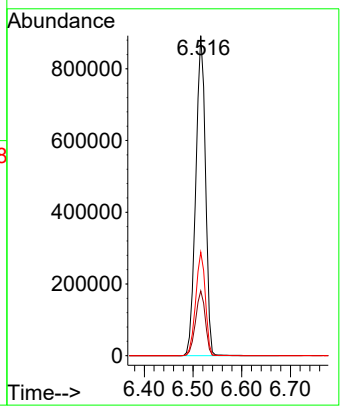


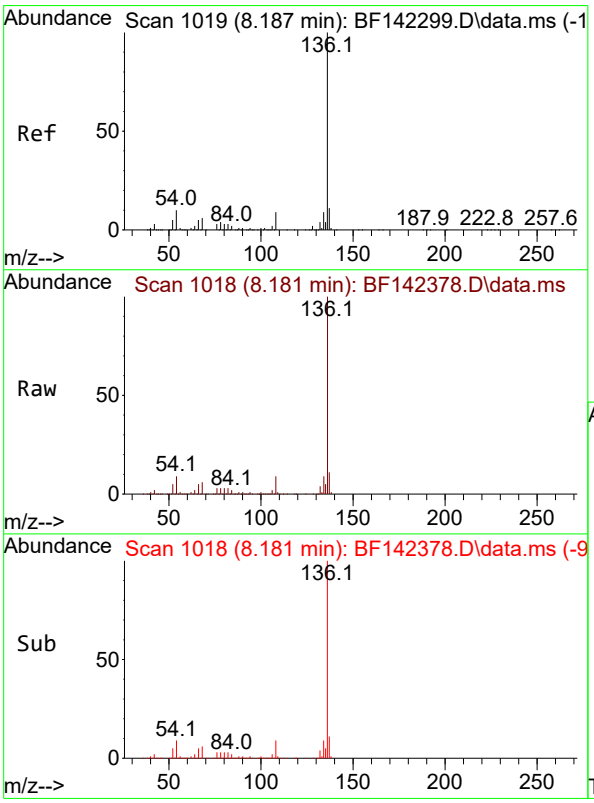
#7
Phenol-d6
Concen: 81.043 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142378.D
Acq: 14 May 2025 21:06

Instrument :
BNA_F
ClientSampleId :
TP-2B

Tgt Ion: 99 Resp: 1248110

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.0	25.4
71	32.3	25.8	38.8

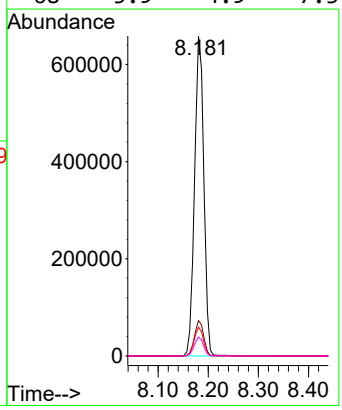


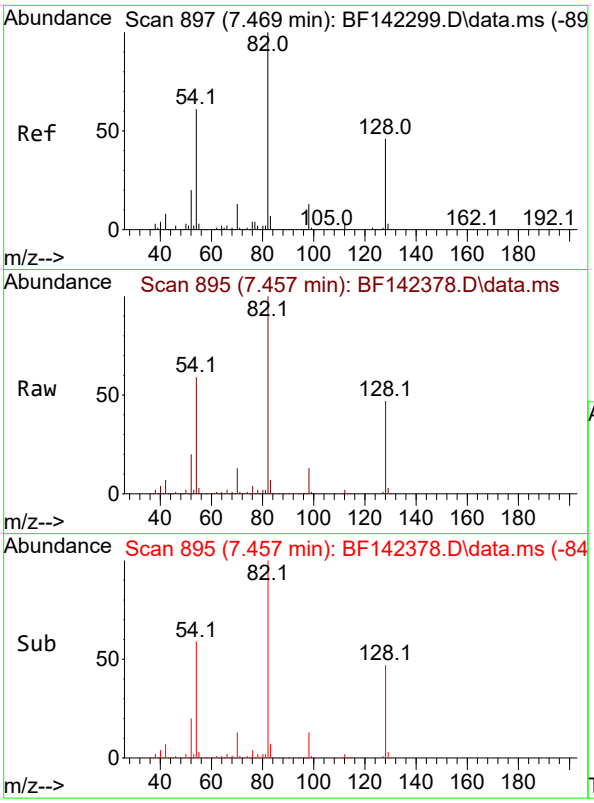


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142378.D
Acq: 14 May 2025 21:06

Tgt Ion:136 Resp: 843294

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.0	7.7	11.5
68	5.9	4.9	7.3



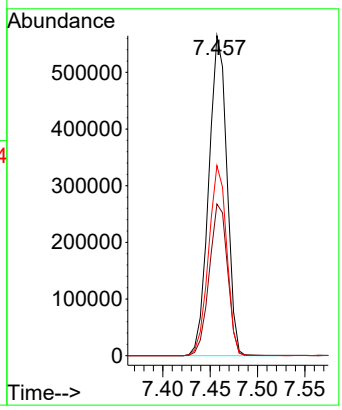


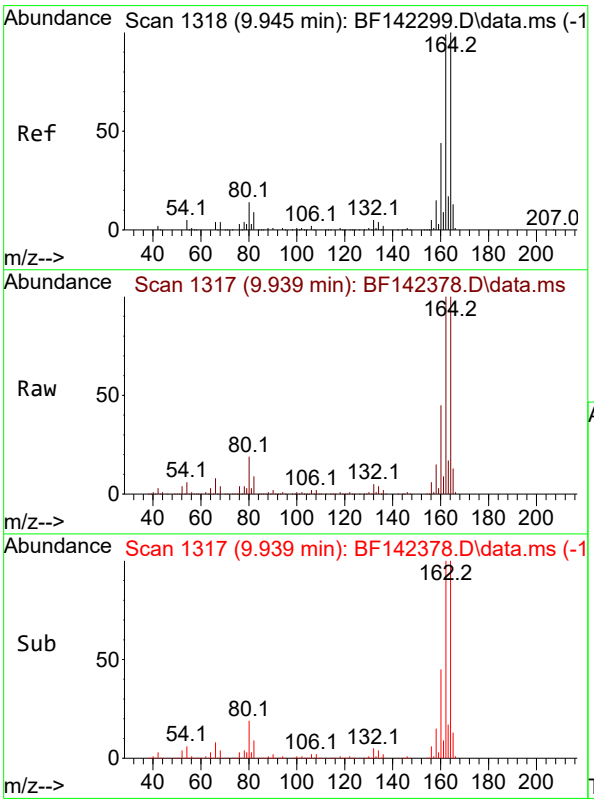
#23
Nitrobenzene-d5
Concen: 54.348 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142378.D
Acq: 14 May 2025 21:06

Instrument :
BNA_F
ClientSampleId :
TP-2B

Tgt Ion: 82 Resp: 751490

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.0	55.6
54	59.4	48.6	73.0

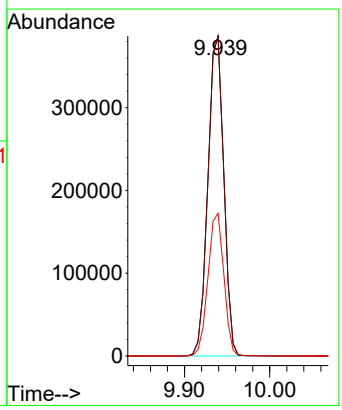


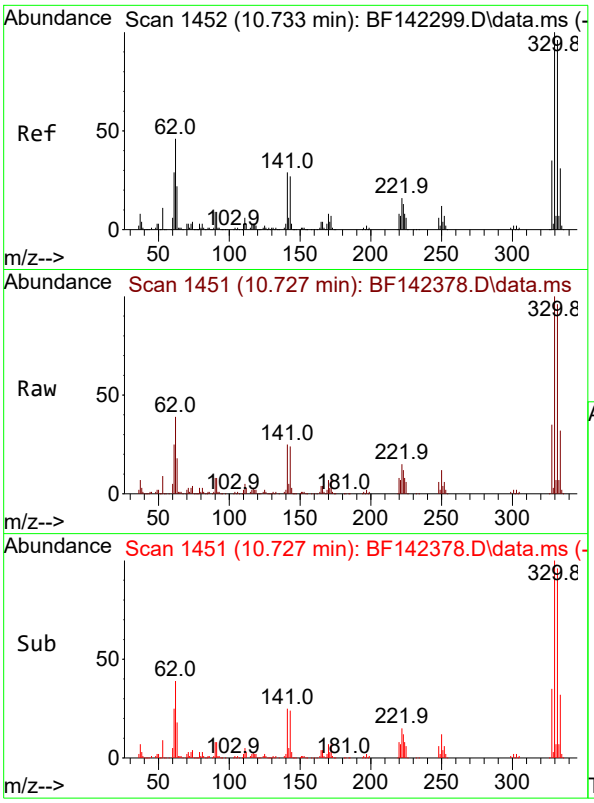


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142378.D
Acq: 14 May 2025 21:06

Tgt Ion:164 Resp: 499403

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.2	118.8
160	44.6	35.3	52.9



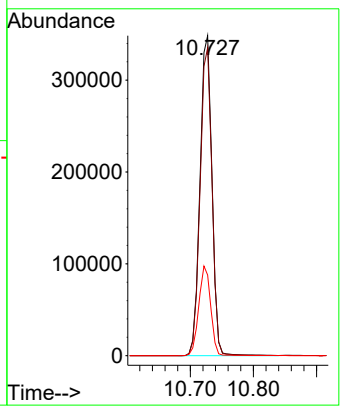


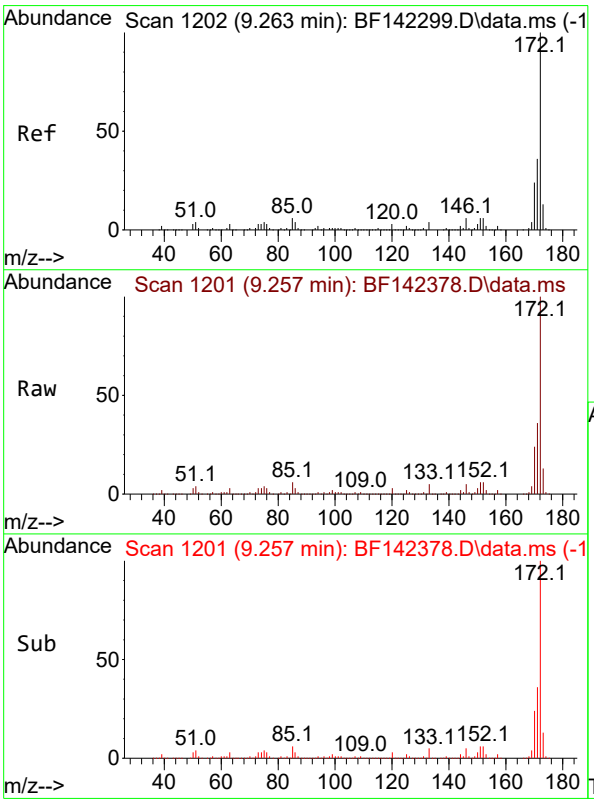
#42
2,4,6-Tribromophenol
Concen: 94.776 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142378.D
Acq: 14 May 2025 21:06

Instrument :
BNA_F
ClientSampleId :
TP-2B

Tgt Ion:330 Resp: 456974

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	28.0	24.9	37.3

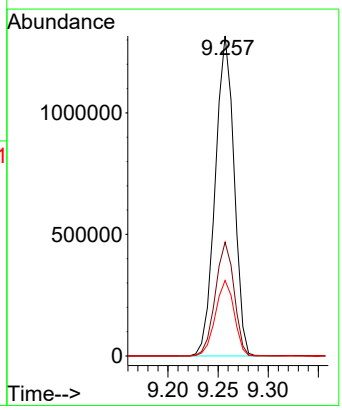


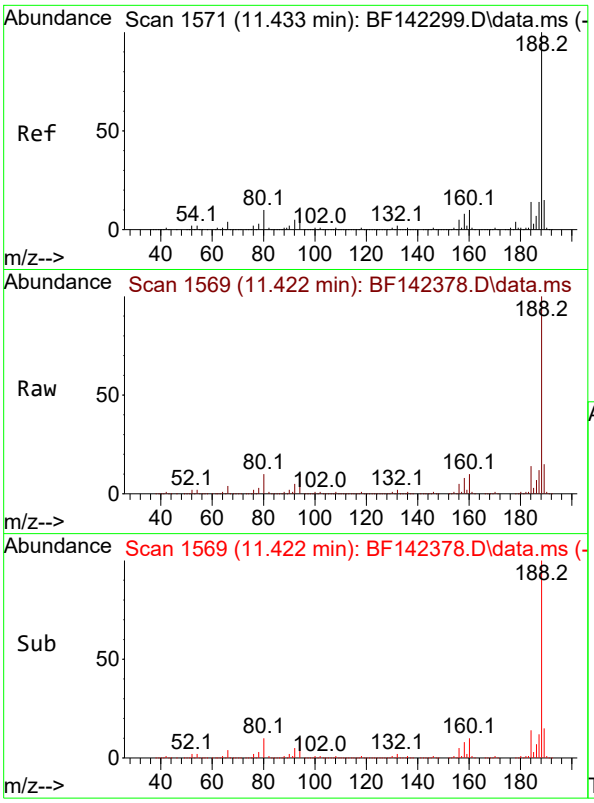


#45
2-Fluorobiphenyl
Concen: 49.127 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142378.D
Acq: 14 May 2025 21:06

Tgt Ion:172 Resp: 1720635

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.6	19.0	28.4



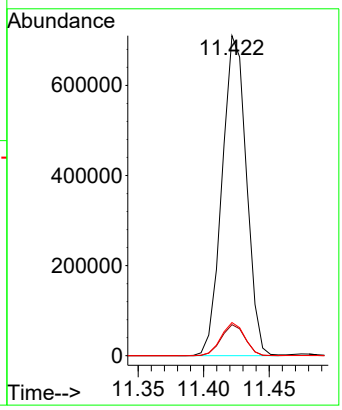


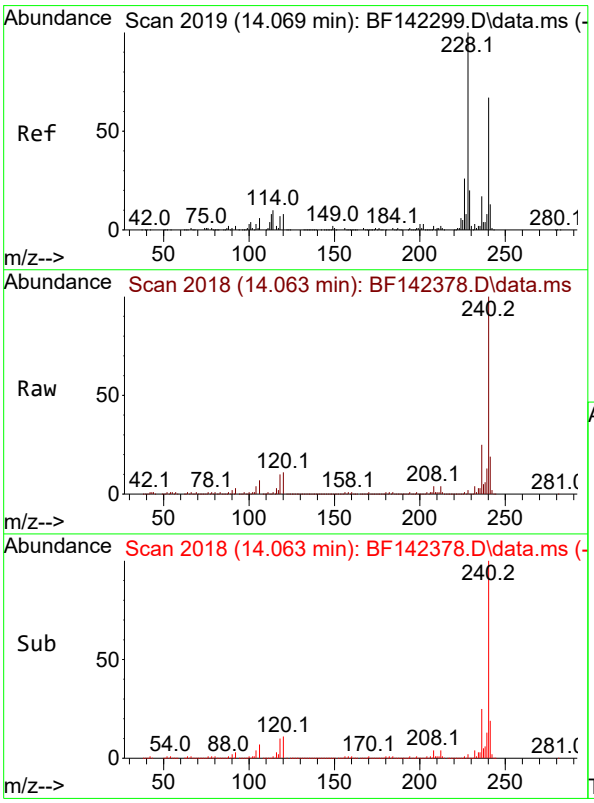
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142378.D
Acq: 14 May 2025 21:06

Instrument :
BNA_F
ClientSampleId :
TP-2B

Tgt Ion:188 Resp: 915623

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.5	11.3
80	10.3	7.9	11.9

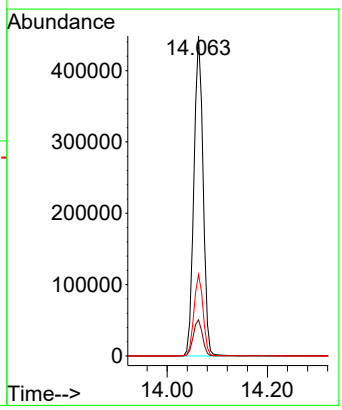


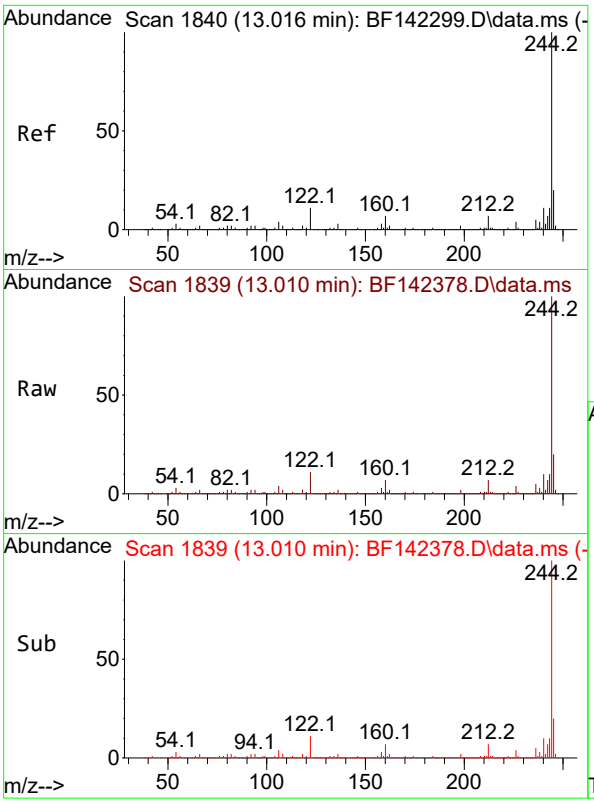


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142378.D
Acq: 14 May 2025 21:06

Tgt Ion:240 Resp: 567502

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.7	14.5
236	25.5	20.0	30.0



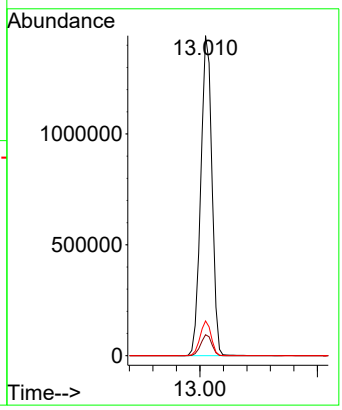


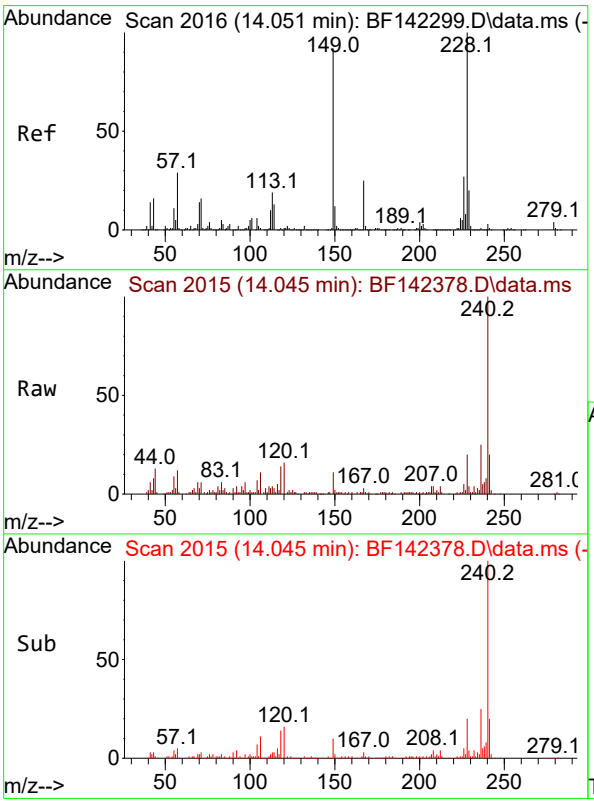
#79
Terphenyl-d14
Concen: 49.737 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142378.D
Acq: 14 May 2025 21:06

Instrument :
BNA_F
ClientSampleId :
TP-2B

Tgt Ion:244 Resp: 1907000

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.9	9.0	13.4

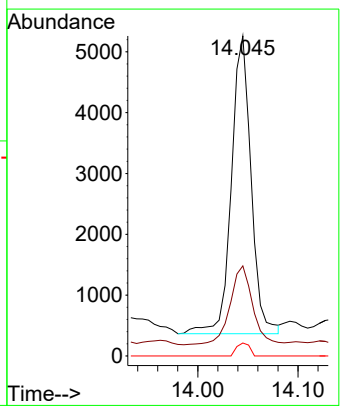


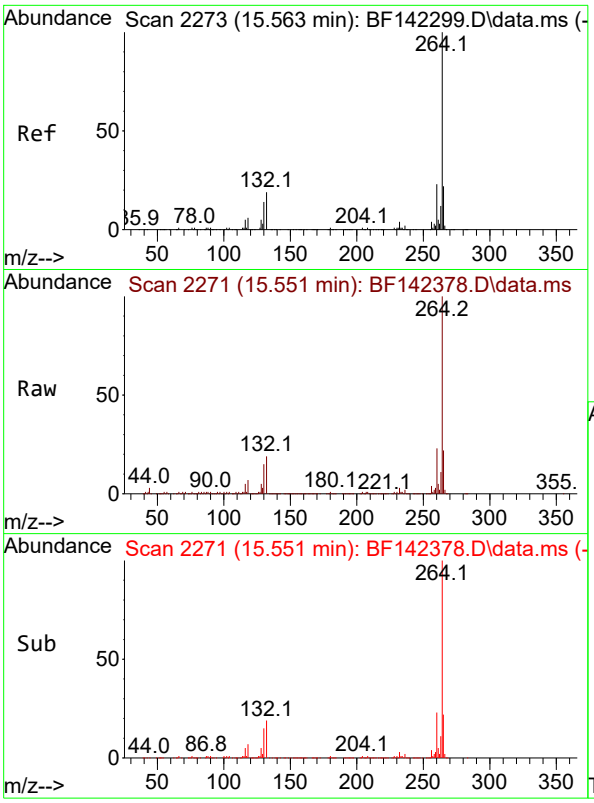


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.556 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142378.D
Acq: 14 May 2025 21:06

Tgt Ion:149 Resp: 6715

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.0	33.0
279	4.0	3.0	4.6



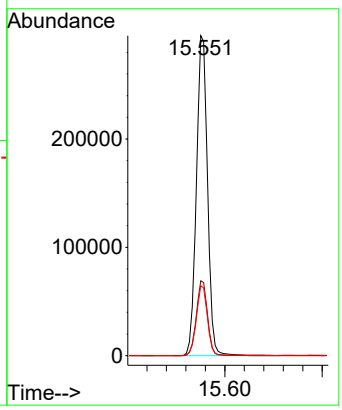


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142378.D
Acq: 14 May 2025 21:06

Instrument :
BNA_F
ClientSampleId :
TP-2B

Tgt Ion:264 Resp: 470991

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.9	17.5	26.3



Sample Results: **BF142378.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142378.D
Acq On : 14 May 2025 21:06
Operator : RC/JU
Sample : Q1982-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2B

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142378.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	486	496	506	rBV	258211	396839	7.91%	1.117%
2	5.510	557	564	569	rBV	2446963	3345301	66.68%	9.418%
3	6.516	728	735	740	rBV	2562772	3596202	71.68%	10.124%
4	6.898	795	800	805	rBV	1006630	1224438	24.41%	3.447%
5	7.457	889	895	900	rBV	1749142	2333061	46.50%	6.568%
6	7.710	934	938	943	rBV	50480	62183	1.24%	0.175%
7	8.181	1012	1018	1027	rBV	1323895	1782159	35.52%	5.017%
8	9.257	1194	1201	1206	rBV	3751060	4892909	97.53%	13.775%
9	9.939	1310	1317	1322	rBV	1608672	2112497	42.11%	5.947%
10	10.651	1430	1438	1444	rBV	632568	791516	15.78%	2.228%
11	10.722	1444	1450	1462	rBV	2411779	3228344	64.35%	9.089%
12	11.422	1564	1569	1577	rBV	1740136	2306761	45.98%	6.494%
13	11.645	1602	1607	1616	rBV2	28892	55143	1.10%	0.155%
14	11.951	1651	1659	1670	rBV2	409419	686422	13.68%	1.932%
15	12.198	1697	1701	1711	rVB3	79475	113008	2.25%	0.318%
16	12.633	1771	1775	1782	rBV	81252	109629	2.19%	0.309%
17	12.733	1787	1792	1799	rBV	91428	152689	3.04%	0.430%
18	12.863	1809	1814	1819	rVB	75577	103372	2.06%	0.291%
19	13.010	1833	1839	1844	rBV	3826366	5016844	100.00%	14.124%
20	13.904	1986	1991	2000	rBV	169450	301695	6.01%	0.849%
21	14.063	2012	2018	2029	rVB	1201328	1592832	31.75%	4.484%
22	15.551	2265	2271	2284	rVB	799500	1316169	26.23%	3.705%

Sum of corrected areas: 35520013

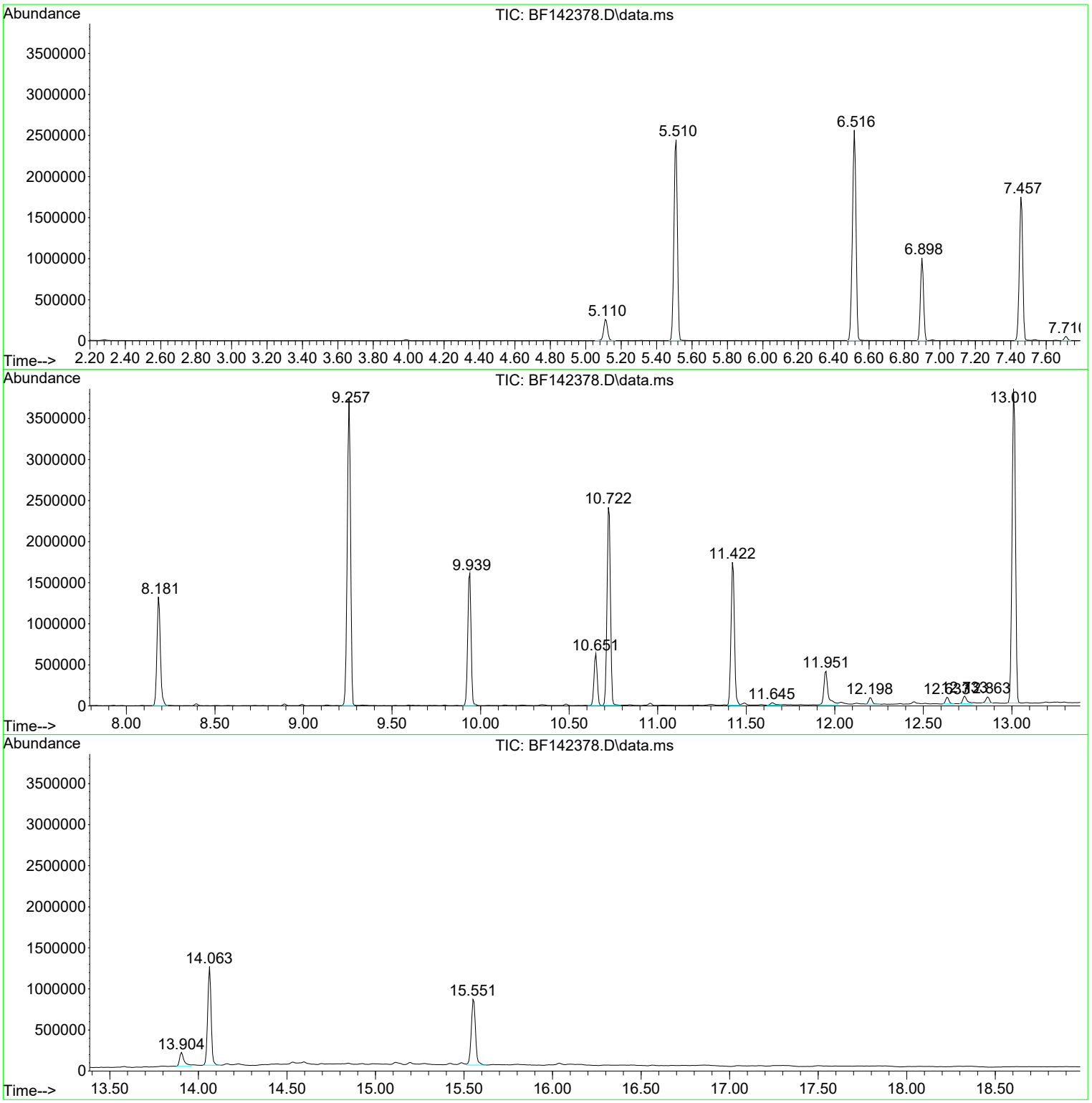
Sample Results: **BF142378.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142378.D
Acq On : 14 May 2025 21:06
Operator : RC/JU
Sample : Q1982-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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\BF051425\
Data File : BF142378.D
Acq On : 14 May 2025 21:06
Operator : RC/JU
Sample : Q1982-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2B

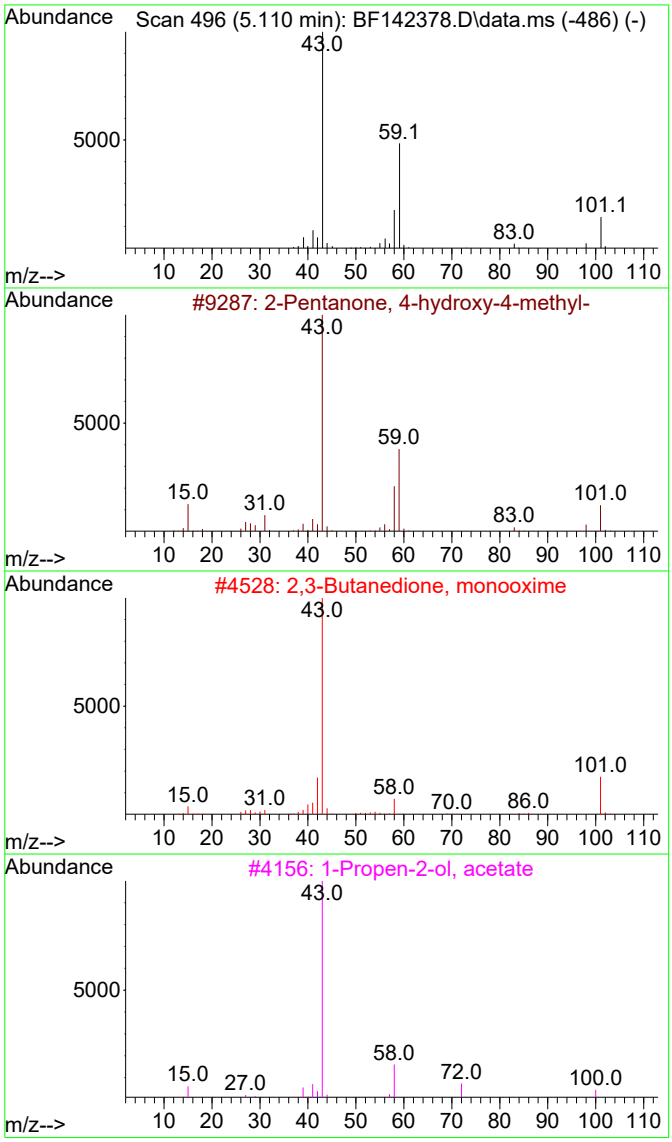
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

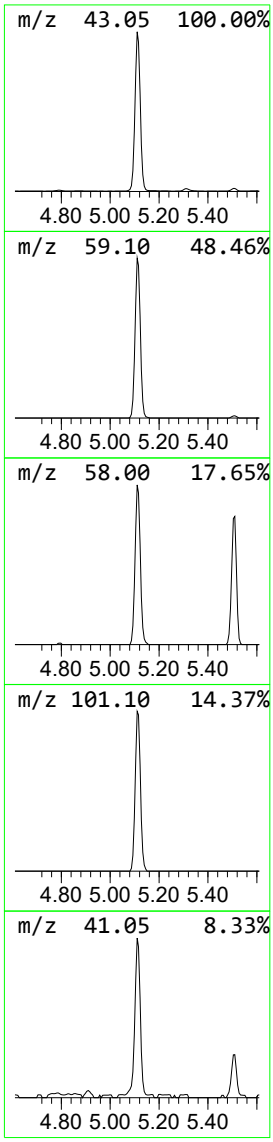
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	6.48 ng	396839	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Acetone	58	C3H6O	000067-64-1	12
5	Allyl acetate	100	C5H8O2	000591-87-7	9





Sample Results: **BF142378.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142378.D
Acq On : 14 May 2025 21:06
Operator : RC/JU
Sample : Q1982-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

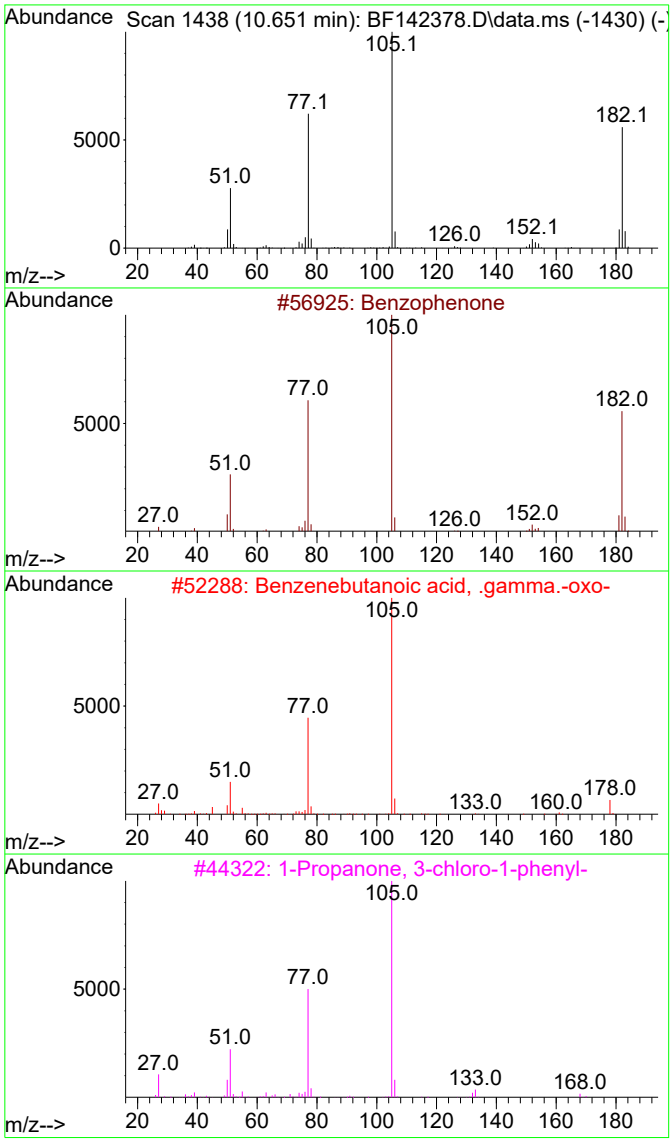
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

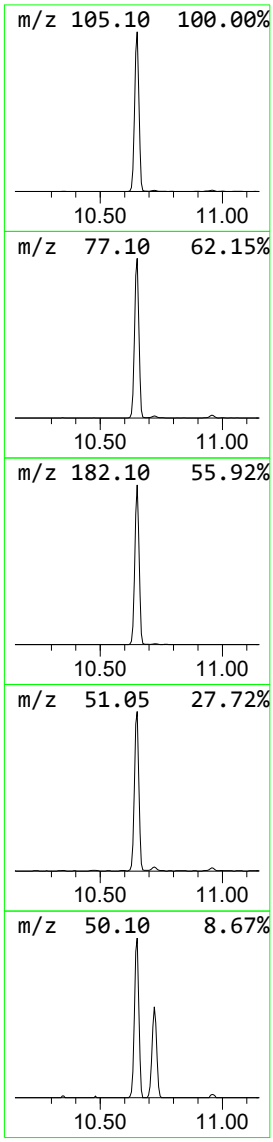
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	7.49 ng	791516	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
3	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
4	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142378.D
Acq On : 14 May 2025 21:06
Operator : RC/JU
Sample : Q1982-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

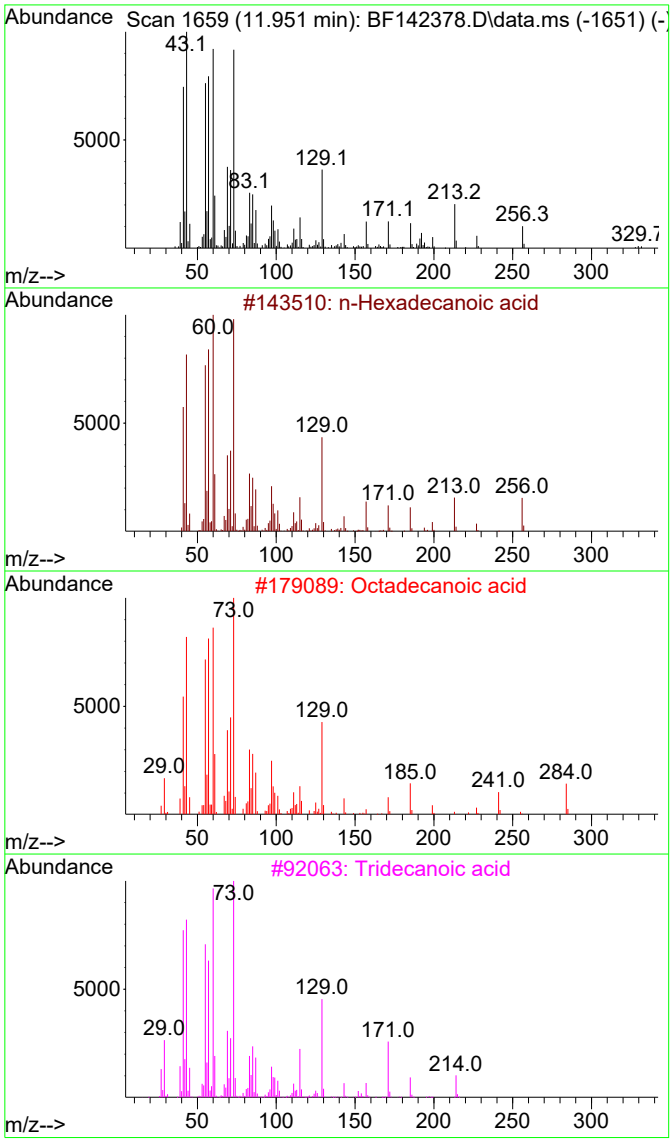
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

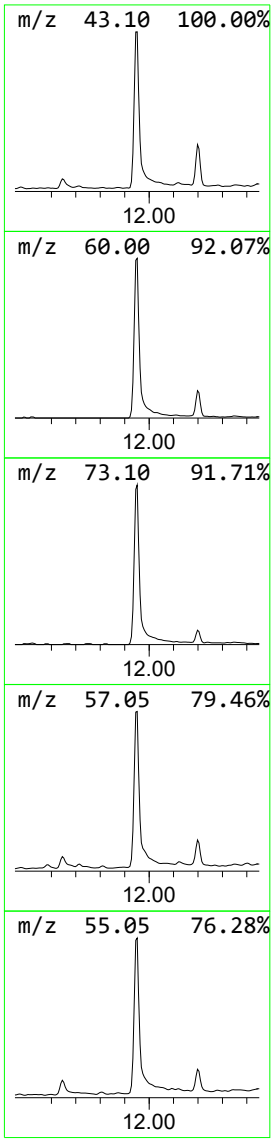
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	5.95 ng	686422	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142378.D
Acq On : 14 May 2025 21:06
Operator : RC/JU
Sample : Q1982-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2B

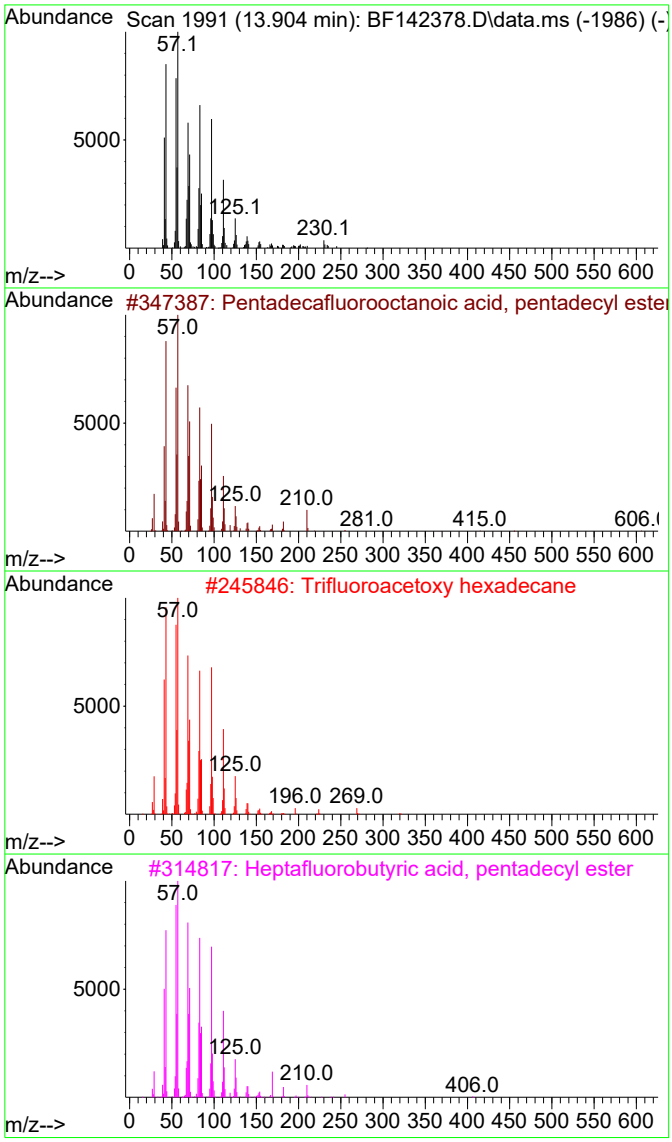
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

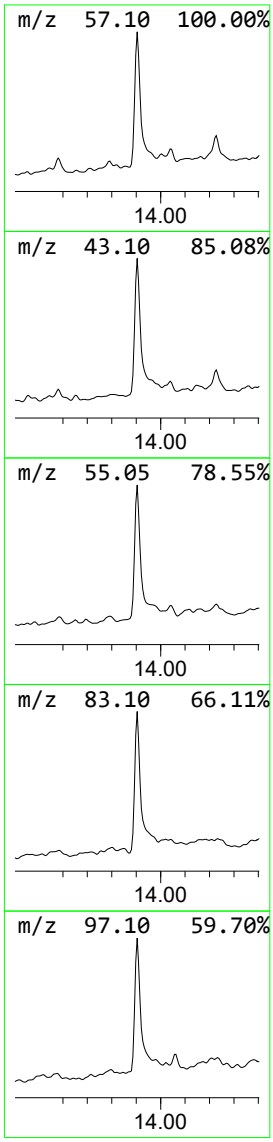
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.79 ng	301695	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94





Sample Results: **BF142378.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142378.D
Acq On : 14 May 2025 21:06
Operator : RC/JU
Sample : Q1982-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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-...	5.110	6.5	ng	396839	1	6.898	1224440	20.0
Benzophenone	10.651	7.5	ng	791516	3	9.939	2112500	20.0
n-Hexadecanoic ...	11.951	6.0	ng	686422	4	11.422	2306760	20.0
Pentadecafluoro...	13.904	3.8	ng	301695	5	14.063	1592830	20.0

Raw Data: **BF142365.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-3	SDG No.:	Q1982
Lab Sample ID:	Q1982-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142365.D	1	05/12/25 09:38	05/14/25 14:51	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	360	ug/Kg
108-95-2	Phenol	24.3	U	24.3	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	26.7	U	26.7	190	ug/Kg
95-57-8	2-Chlorophenol	26.8	U	26.8	190	ug/Kg
95-48-7	2-Methylphenol	32.9	U	32.9	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41.2	U	41.2	190	ug/Kg
98-86-2	Acetophenone	32.4	U	32.4	190	ug/Kg
65794-96-9	3+4-Methylphenols	45.2	U	45.2	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.1	U	52.1	87.9	ug/Kg
67-72-1	Hexachloroethane	19.3	U	19.3	190	ug/Kg
98-95-3	Nitrobenzene	20.1	U	20.1	190	ug/Kg
78-59-1	Isophorone	36.1	U	36.1	190	ug/Kg
88-75-5	2-Nitrophenol	64.0	U	64.0	190	ug/Kg
105-67-9	2,4-Dimethylphenol	71.2	U	71.2	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	33.9	U	33.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	31.1	U	31.1	190	ug/Kg
91-20-3	Naphthalene	25.0	U	25.0	190	ug/Kg
106-47-8	4-Chloroaniline	38.9	U	38.9	190	ug/Kg
87-68-3	Hexachlorobutadiene	27.8	U	27.8	190	ug/Kg
105-60-2	Caprolactam	57.3	U	57.3	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31.5	U	31.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	28.1	U	28.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.8	U	21.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	32.0	U	32.0	190	ug/Kg
92-52-4	1,1-Biphenyl	24.0	U	24.0	190	ug/Kg
91-58-7	2-Chloronaphthalene	24.7	U	24.7	190	ug/Kg
88-74-4	2-Nitroaniline	52.9	U	52.9	190	ug/Kg
131-11-3	Dimethylphthalate	29.8	U	29.8	190	ug/Kg

Raw Data: **BF142365.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-3	SDG No.:	Q1982
Lab Sample ID:	Q1982-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142365.D	1	05/12/25 09:38	05/14/25 14:51	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	31.8	U	31.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	36.9	U	36.9	190	ug/Kg
99-09-2	3-Nitroaniline	50.6	U	50.6	190	ug/Kg
83-32-9	Acenaphthene	23.4	U	23.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	360	ug/Kg
132-64-9	Dibenzofuran	25.0	U	25.0	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.1	UQ	55.1	190	ug/Kg
84-66-2	Diethylphthalate	31.1	U	31.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29.3	U	29.3	190	ug/Kg
86-73-7	Fluorene	27.8	U	27.8	190	ug/Kg
100-01-6	4-Nitroaniline	70.6	UQ	70.6	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	36.2	U	36.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30.6	U	30.6	190	ug/Kg
118-74-1	Hexachlorobenzene	27.8	U	27.8	190	ug/Kg
1912-24-9	Atrazine	37.4	U	37.4	190	ug/Kg
87-86-5	Pentachlorophenol	56.4	UQ	56.4	360	ug/Kg
85-01-8	Phenanthrene	23.0	U	23.0	190	ug/Kg
120-12-7	Anthracene	36.6	U	36.6	190	ug/Kg
86-74-8	Carbazole	34.3	U	34.3	190	ug/Kg
84-74-2	Di-n-butylphthalate	52.7	U	52.7	190	ug/Kg
206-44-0	Fluoranthene	33.0	U	33.0	190	ug/Kg
129-00-0	Pyrene	39.6	U	39.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	78.5	U	78.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40.3	U	40.3	360	ug/Kg
56-55-3	Benzo(a)anthracene	25.3	U	25.3	190	ug/Kg
218-01-9	Chrysene	21.9	U	21.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	65.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	95.4	U	95.4	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.9	U	20.9	190	ug/Kg

Raw Data: **BF142365.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-3	SDG No.:	Q1982
Lab Sample ID:	Q1982-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142365.D	1	05/12/25 09:38	05/14/25 14:51	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	24.6	U	24.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	32.4	U	32.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32.0	U	32.0	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30.1	U	30.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28.3	U	28.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28.1	U	28.1	190	ug/Kg
123-91-1	1,4-Dioxane	49.7	U	49.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	30.1	U	30.1	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	96.2		18 - 112	64%	SPK: 150
13127-88-3	Phenol-d6	97.0		15 - 107	65%	SPK: 150
4165-60-0	Nitrobenzene-d5	65.2		18 - 107	65%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.1		20 - 109	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	118		10 - 116	79%	SPK: 150
1718-51-0	Terphenyl-d14	51.1		10 - 105	51%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	187000	6.898			
1146-65-2	Naphthalene-d8	720000	8.181			
15067-26-2	Acenaphthene-d10	397000	9.939			
1517-22-2	Phenanthrene-d10	760000	11.422			
1719-03-5	Chrysene-d12	625000	14.063			
1520-96-3	Perylene-d12	500000	15.557			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	290	AB		5.12	ug/Kg
000119-61-9	Benzophenone	250	J		10.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	370	J		12.0	ug/Kg
000296-56-0	Cycloeicosane	140	J		13.9	ug/Kg

Raw Data: **BF142365.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-3	SDG No.:	Q1982
Lab Sample ID:	Q1982-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142365.D	1	05/12/25 09:38	05/14/25 14:51	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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

Sample Results: **BF142365.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142365.D
Acq On : 14 May 2025 14:51
Operator : RC/JU
Sample : Q1982-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: May 14 15:32:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

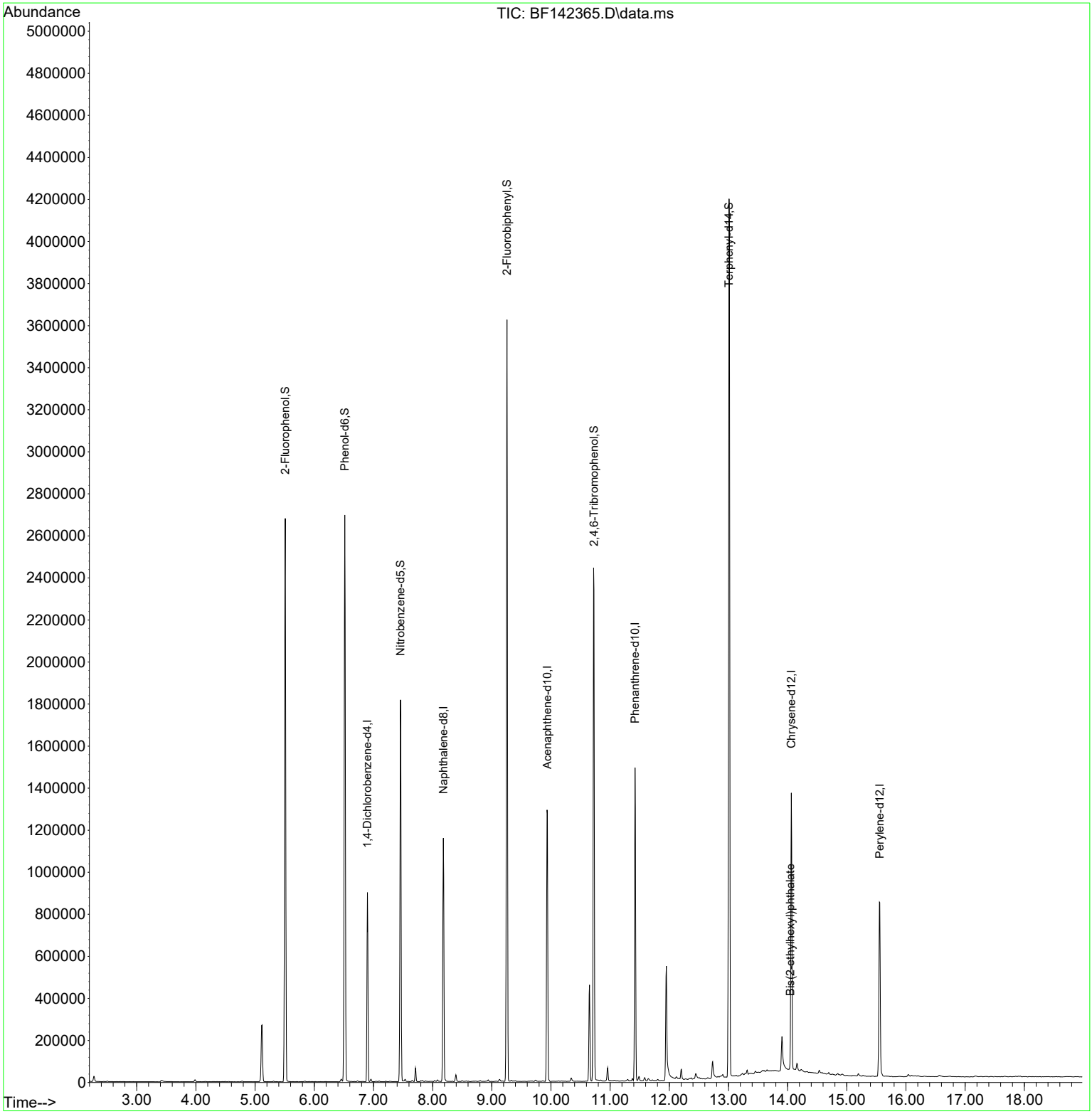
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	187393	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	720141	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	397265	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	760301	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	624905	20.000	ng	0.00
86) Perylene-d12	15.557	264	499846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1055907	96.189	ng	0.00
7) Phenol-d6	6.516	99	1309851	97.016	ng	0.00
23) Nitrobenzene-d5	7.457	82	770287	65.234	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	454333	118.454	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1617731	58.064	ng	0.00
79) Terphenyl-d14	13.010	244	2158643	51.128	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	14.045	149	6731	4.527	ng	97

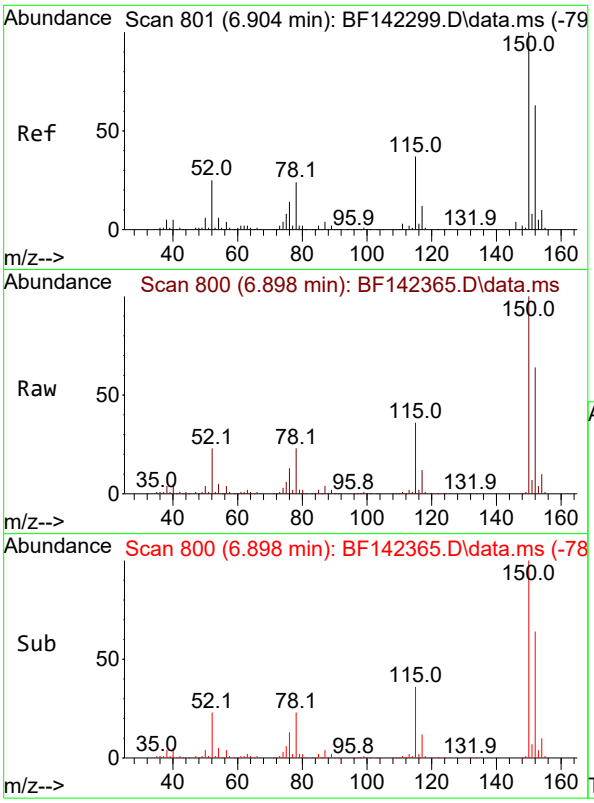
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142365.D
Acq On : 14 May 2025 14:51
Operator : RC/JU
Sample : Q1982-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: May 14 15:32:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



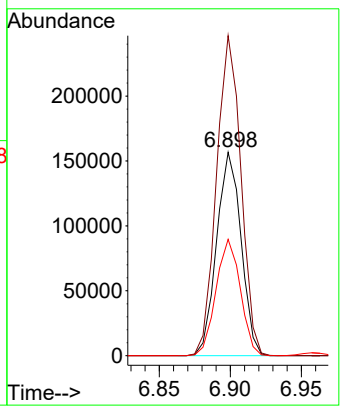


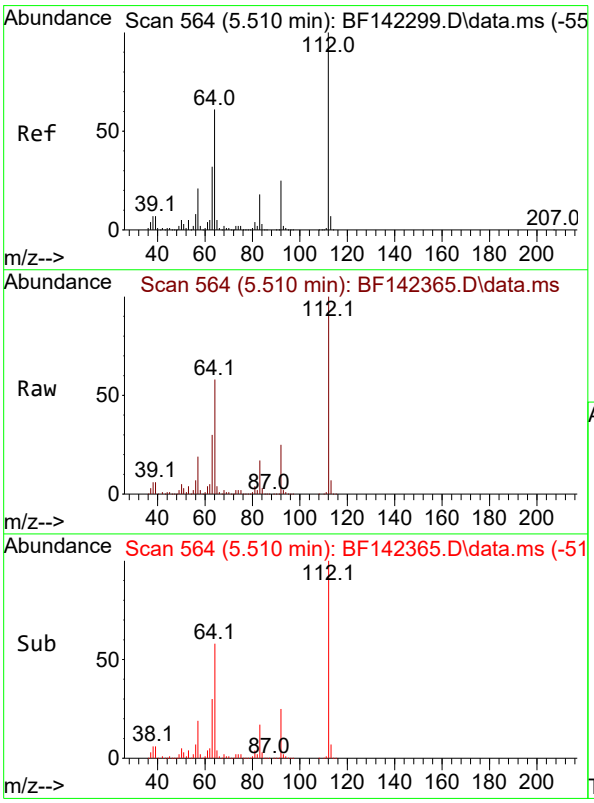
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 187393

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.6	190.0
115	57.2	47.3	70.9

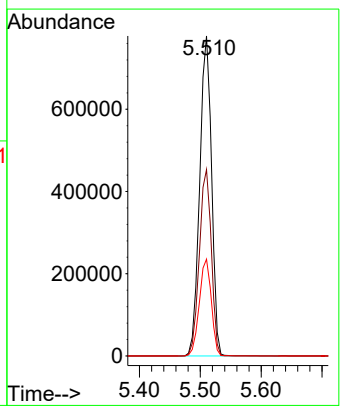


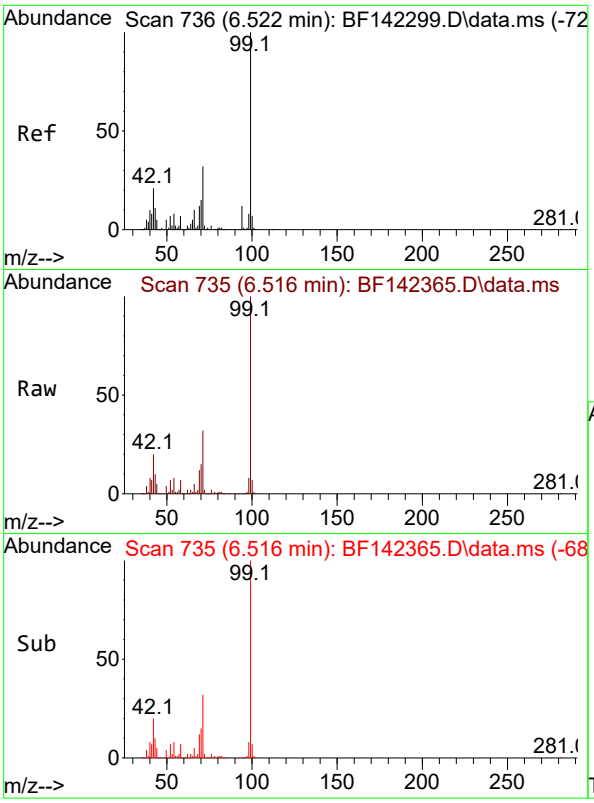


#5
2-Fluorophenol
Concen: 96.189 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

Tgt Ion:112 Resp: 1055907

Ion	Ratio	Lower	Upper
112	100		
64	58.3	48.9	73.3
63	30.2	25.6	38.4



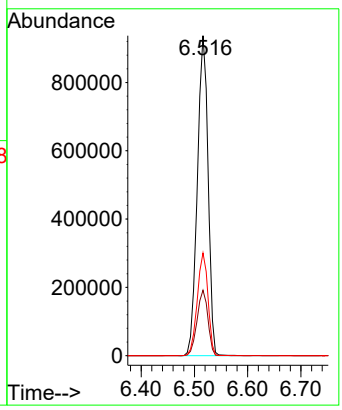


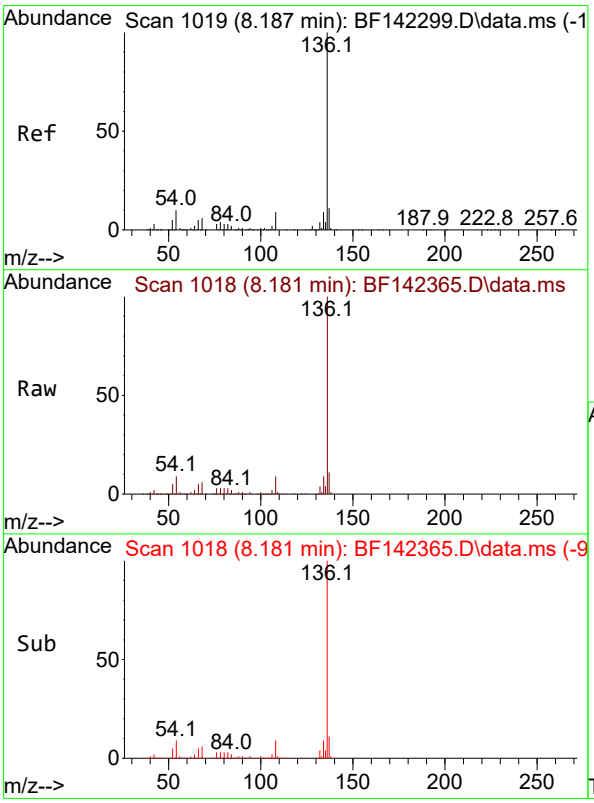
#7
Phenol-d6
Concen: 97.016 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 1309851

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.0	25.4
71	32.1	25.8	38.8

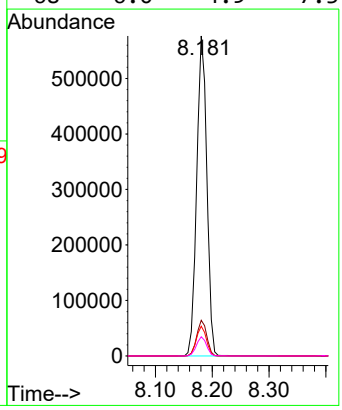


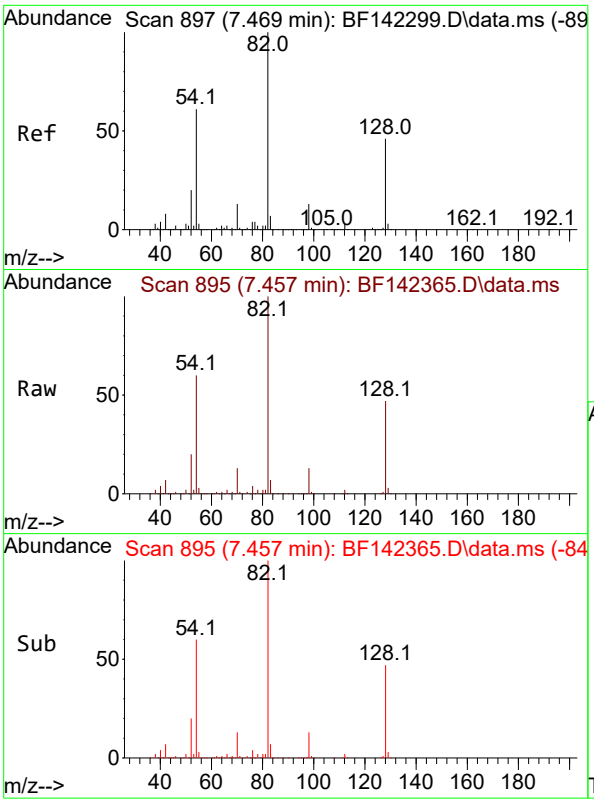


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

Tgt Ion:136 Resp: 720141

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.3	7.7	11.5
68	6.0	4.9	7.3



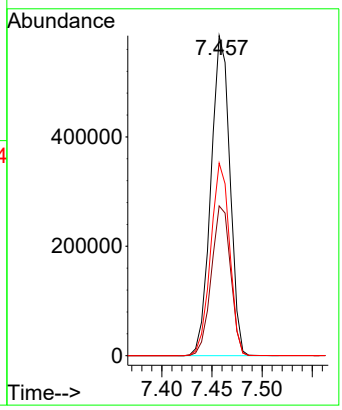


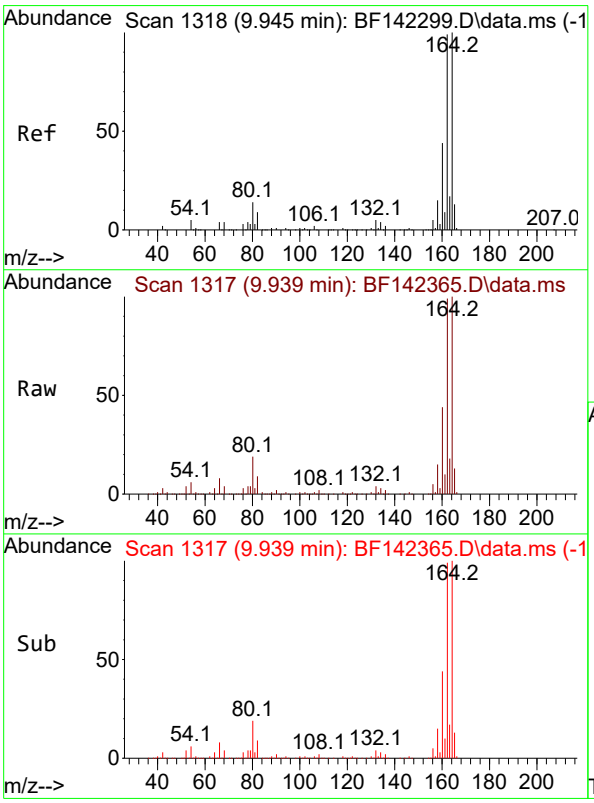
#23
Nitrobenzene-d5
Concen: 65.234 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 82 Resp: 770287

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.0	55.6
54	60.2	48.6	73.0

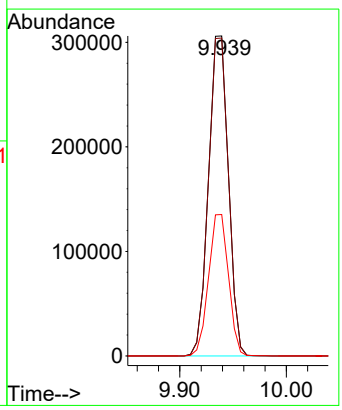


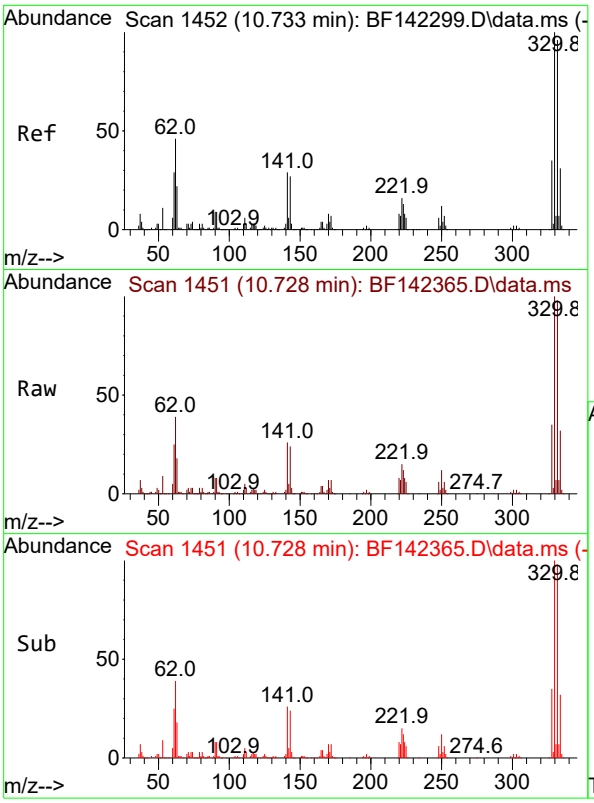


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

Tgt Ion:164 Resp: 397265

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.2	118.8
160	44.2	35.3	52.9



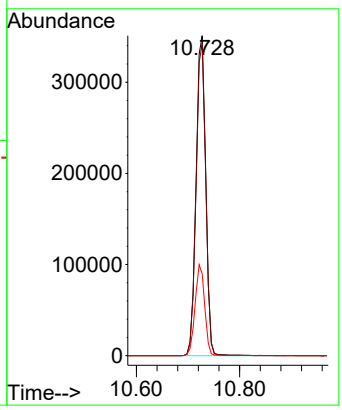


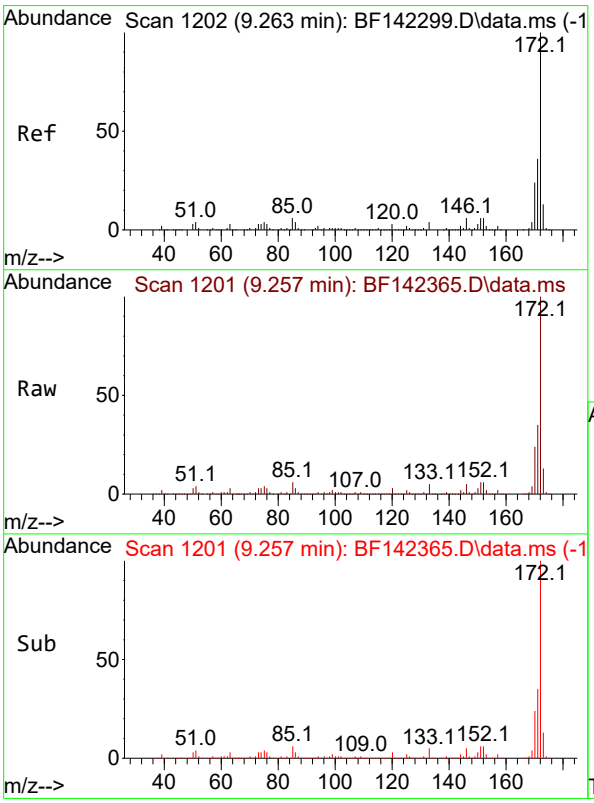
#42
2,4,6-Tribromophenol
Concen: 118.454 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:330 Resp: 454333

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.8	115.2
141	28.3	24.9	37.3

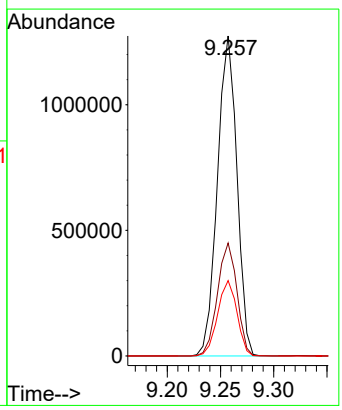


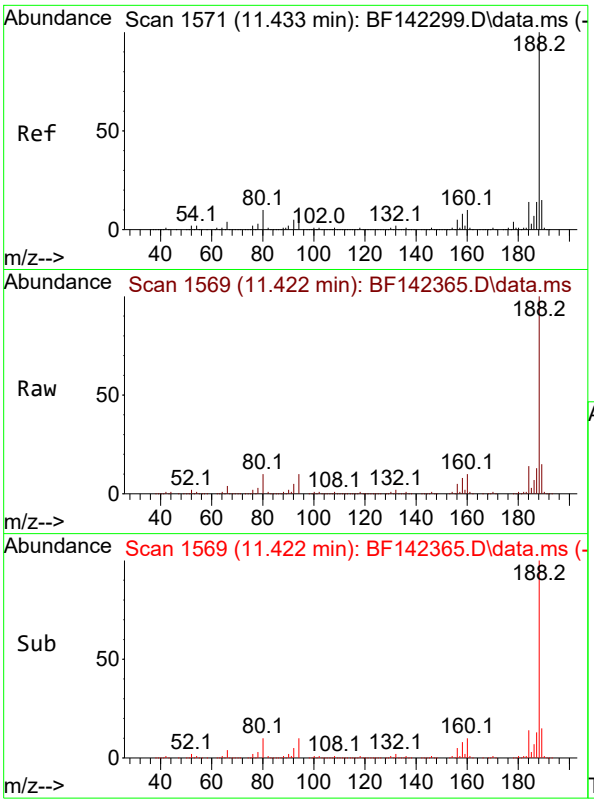


#45
2-Fluorobiphenyl
Concen: 58.064 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

Tgt Ion:172 Resp: 1617731

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.5	19.0	28.4



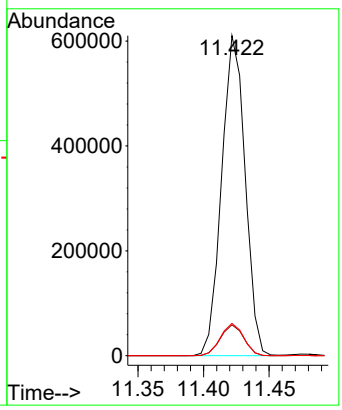


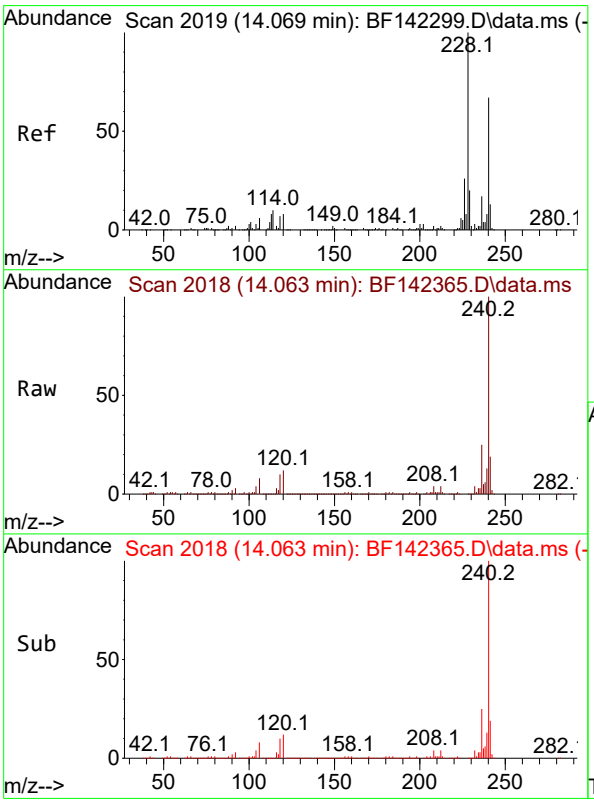
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:188 Resp: 760301

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.5	11.3
80	10.1	7.9	11.9

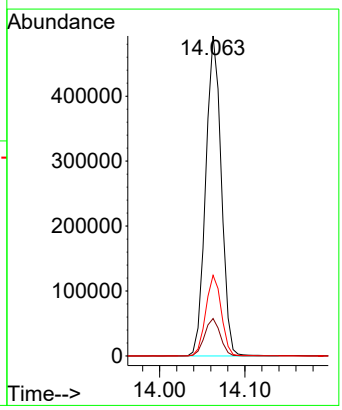


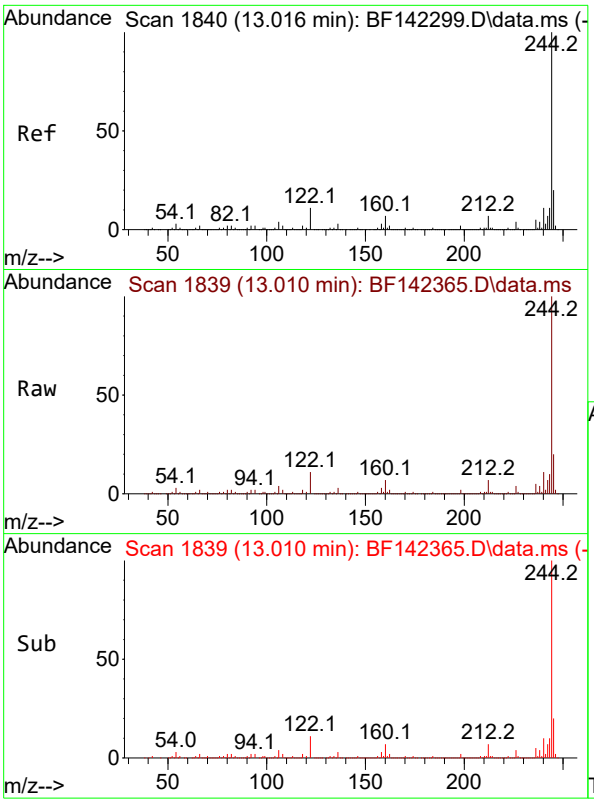


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

Tgt Ion:240 Resp: 624905

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.7	14.5
236	25.2	20.0	30.0



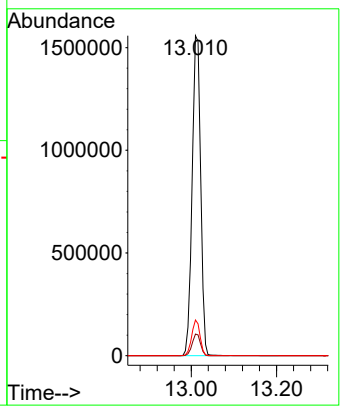


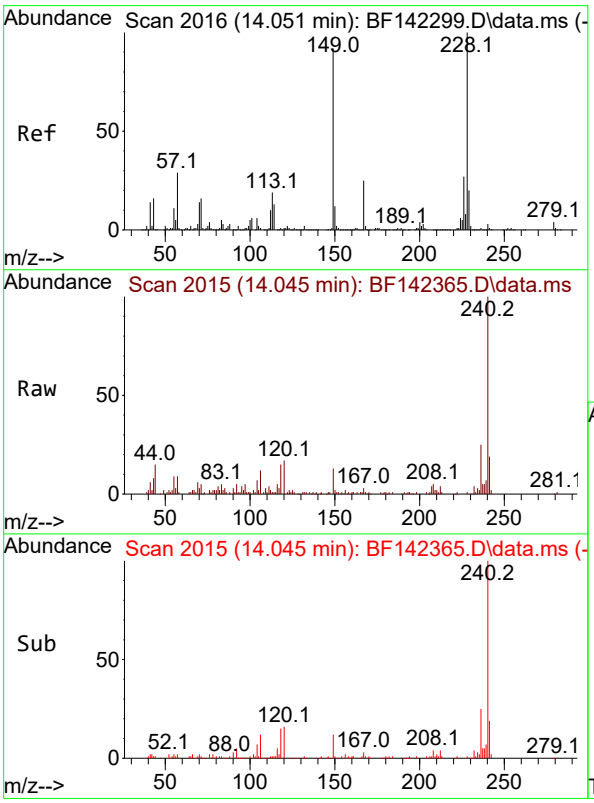
#79
Terphenyl-d14
Concen: 51.128 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:244 Resp: 2158643

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	11.2	9.0	13.4

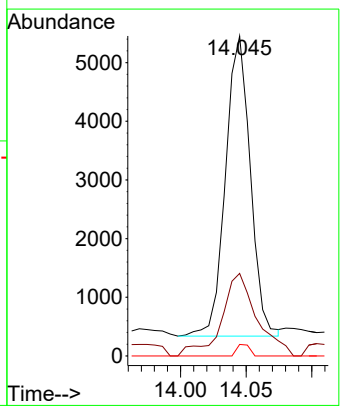


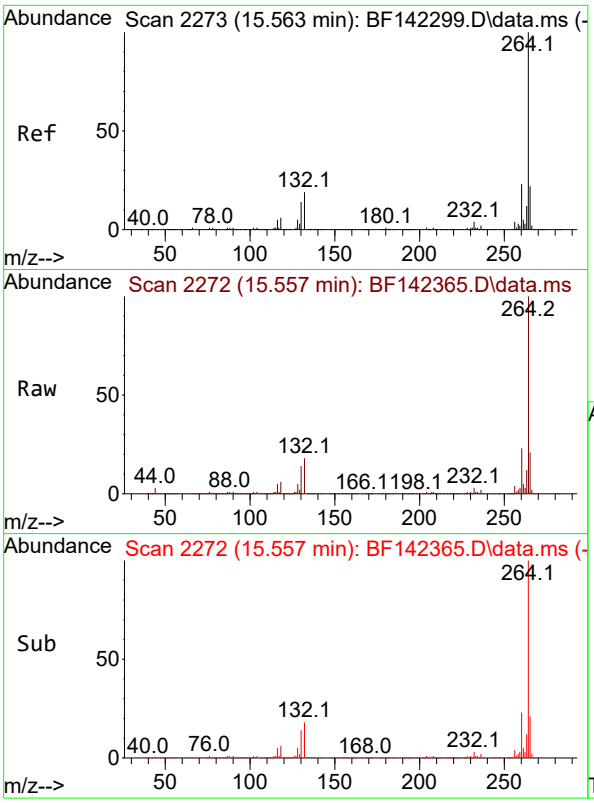


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.527 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

Tgt Ion:149 Resp: 6731

Ion	Ratio	Lower	Upper
149	100		
167	25.8	22.0	33.0
279	3.6	3.0	4.6



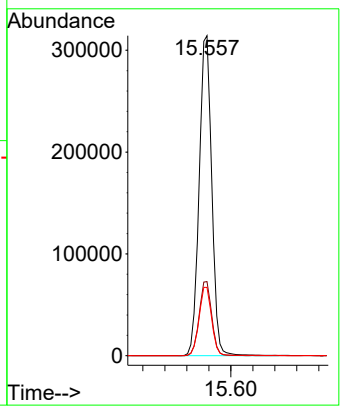


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:264 Resp: 499846

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.4	17.5	26.3



Sample Results: **BF142365.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142365.D
Acq On : 14 May 2025 14:51
Operator : RC/JU
Sample : Q1982-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142365.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	487	497	504	rBV	270349	424336	7.40%	1.210%
2	5.510	557	564	569	rBV	2679330	3649759	63.66%	10.404%
3	6.516	728	735	740	rBV	2692784	3781869	65.96%	10.780%
4	6.898	795	800	805	rBV	900071	1076225	18.77%	3.068%
5	7.457	889	895	900	rBV	1815971	2397865	41.82%	6.835%
6	7.710	934	938	945	rVB	64195	76836	1.34%	0.219%
7	8.181	1012	1018	1023	rBV	1157179	1442314	25.16%	4.111%
8	9.257	1194	1201	1206	rBV	3622853	4604903	80.32%	13.126%
9	9.933	1311	1316	1322	rBV	1290822	1676933	29.25%	4.780%
10	10.651	1432	1438	1444	rBV	457687	572189	9.98%	1.631%
11	10.722	1444	1450	1460	rBV	2441566	3227381	56.29%	9.200%
12	10.957	1482	1490	1495	rBV	63674	81380	1.42%	0.232%
13	11.422	1564	1569	1574	rBV	1488617	1854817	32.35%	5.287%
14	11.951	1652	1659	1684	rBV	544270	926182	16.15%	2.640%
15	12.204	1697	1702	1710	rVB2	48268	67650	1.18%	0.193%
16	12.733	1787	1792	1804	rBV	77799	143614	2.50%	0.409%
17	13.010	1833	1839	1845	rBV	4177605	5733397	100.00%	16.343%
18	13.904	1986	1991	2008	rBV	162280	327627	5.71%	0.934%
19	14.063	2012	2018	2026	rVB	1314787	1686586	29.42%	4.808%
20	15.551	2265	2271	2286	rBV	829037	1330151	23.20%	3.792%

Sum of corrected areas: 35082014

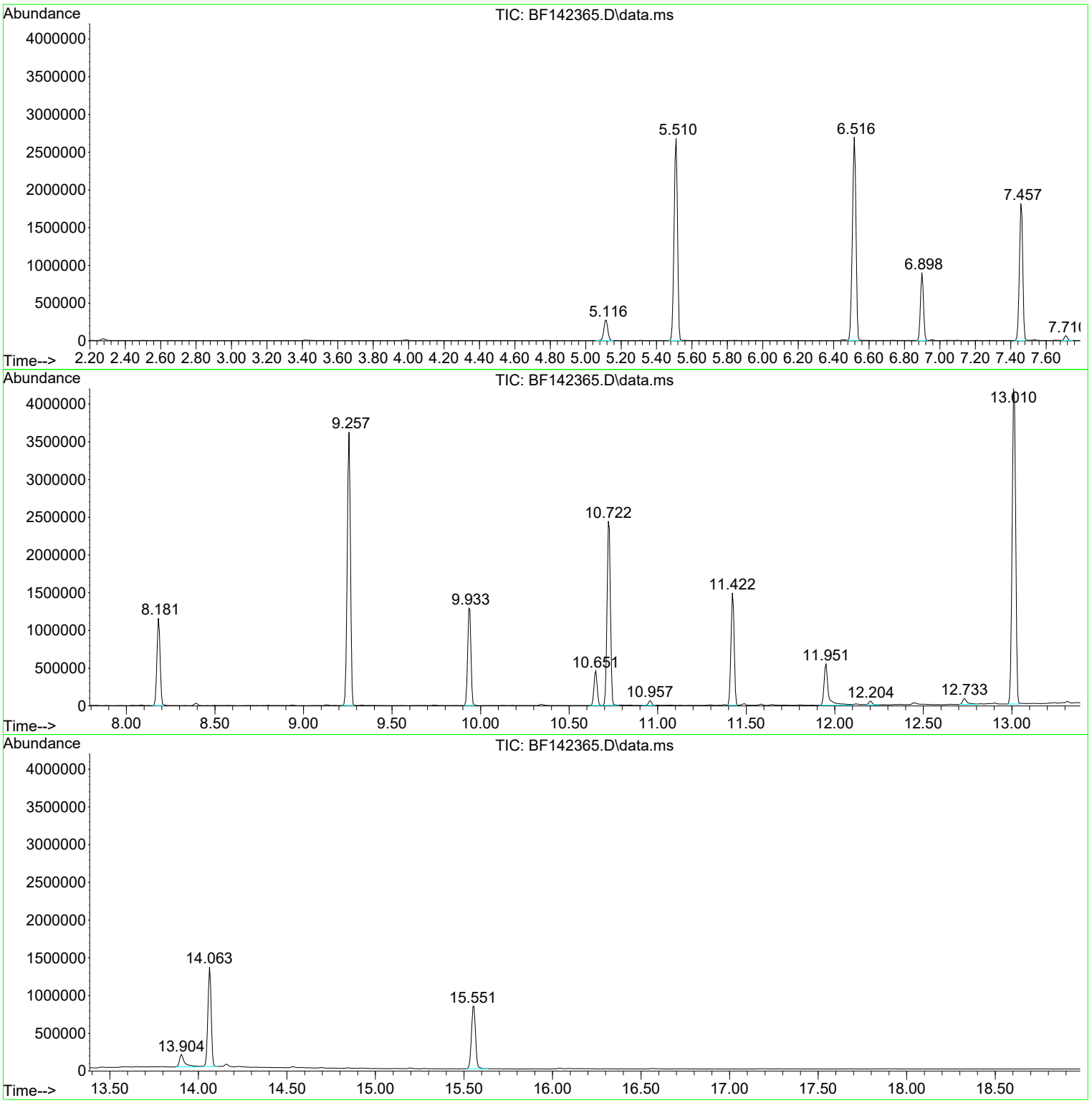
Sample Results: **BF142365.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142365.D
Acq On : 14 May 2025 14:51
Operator : RC/JU
Sample : Q1982-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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\BF051425\
Data File : BF142365.D
Acq On : 14 May 2025 14:51
Operator : RC/JU
Sample : Q1982-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

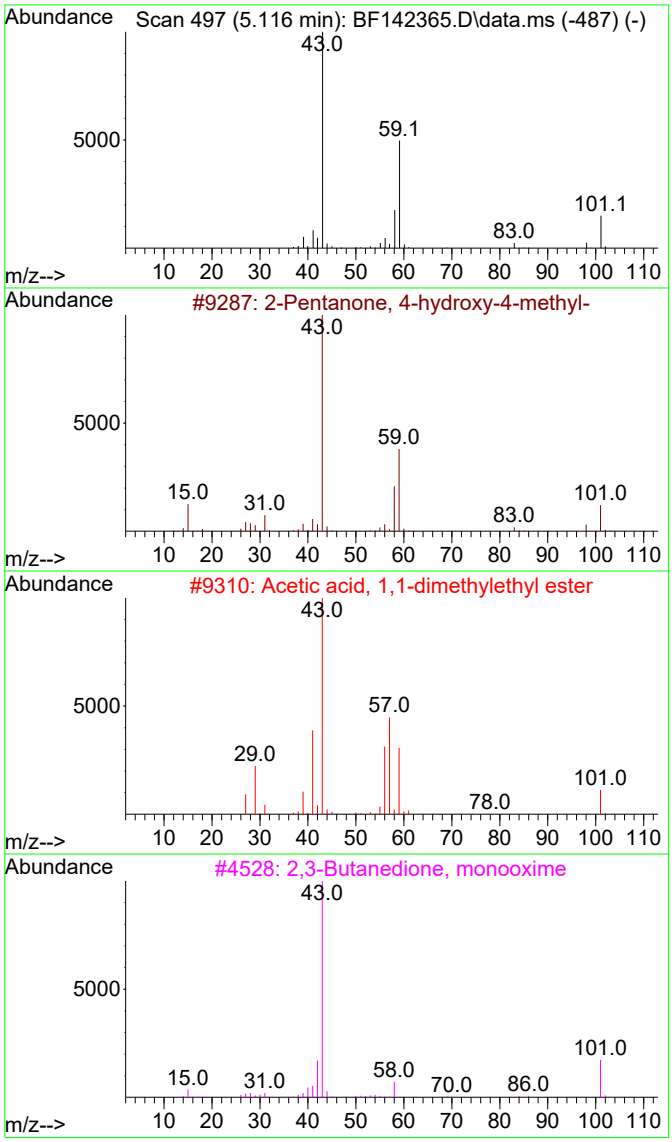
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

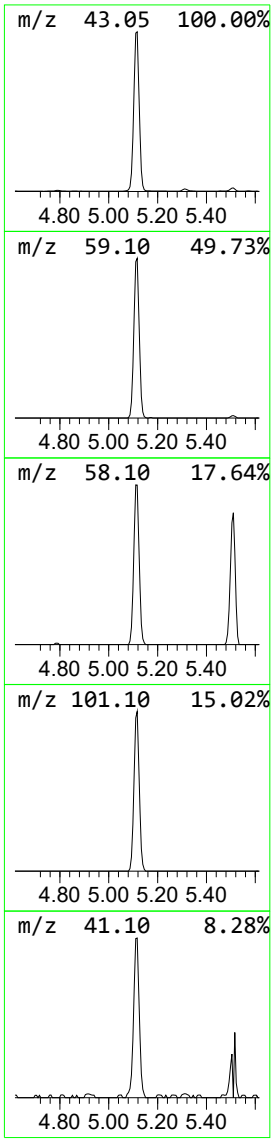
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	7.89 ng	424336	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142365.D
Acq On : 14 May 2025 14:51
Operator : RC/JU
Sample : Q1982-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

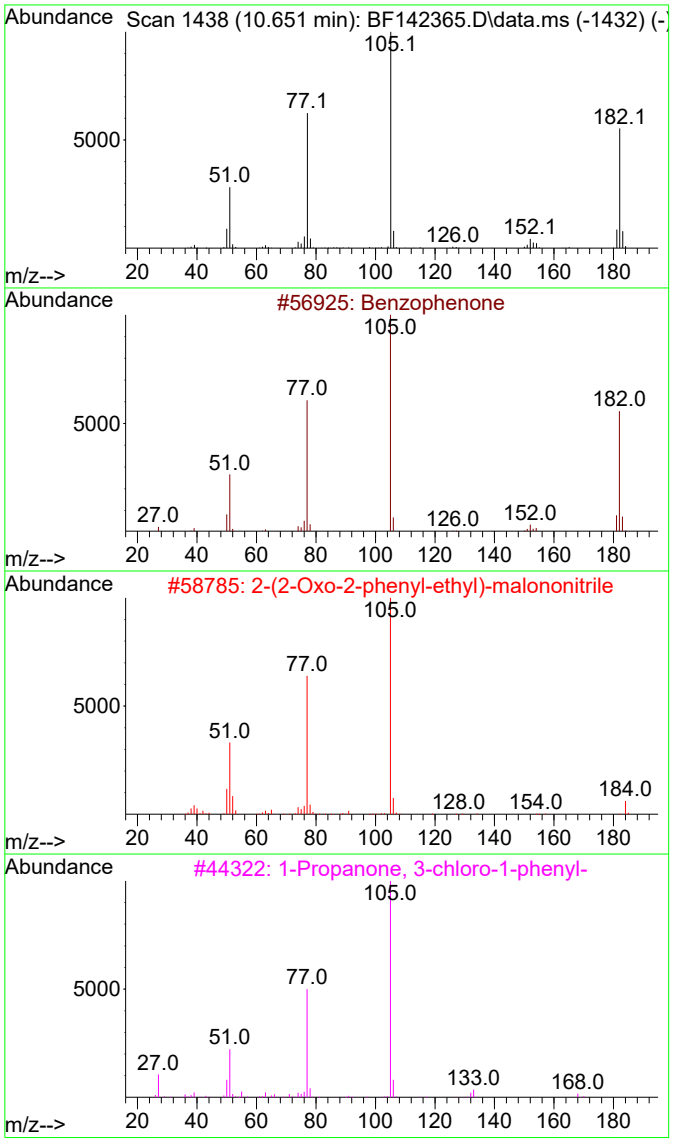
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

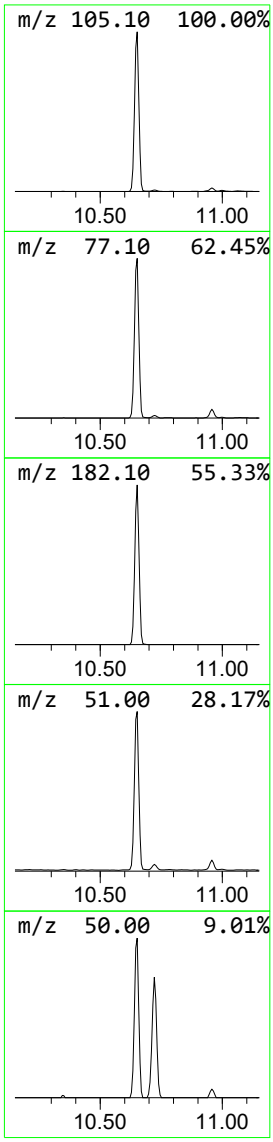
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	6.82 ng	572189	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	58
3	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	50
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	50
5	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142365.D
Acq On : 14 May 2025 14:51
Operator : RC/JU
Sample : Q1982-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

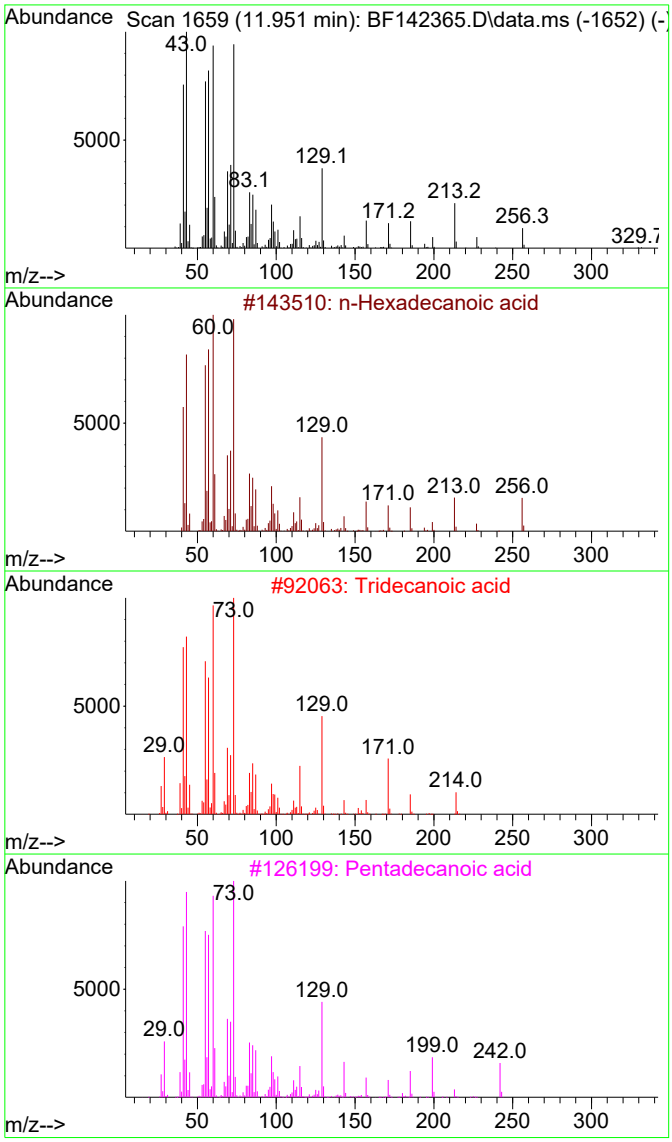
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

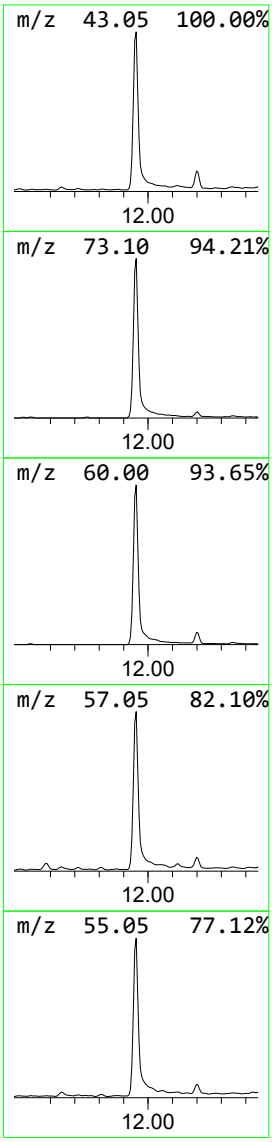
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	9.99 ng	926182	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142365.D
Acq On : 14 May 2025 14:51
Operator : RC/JU
Sample : Q1982-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

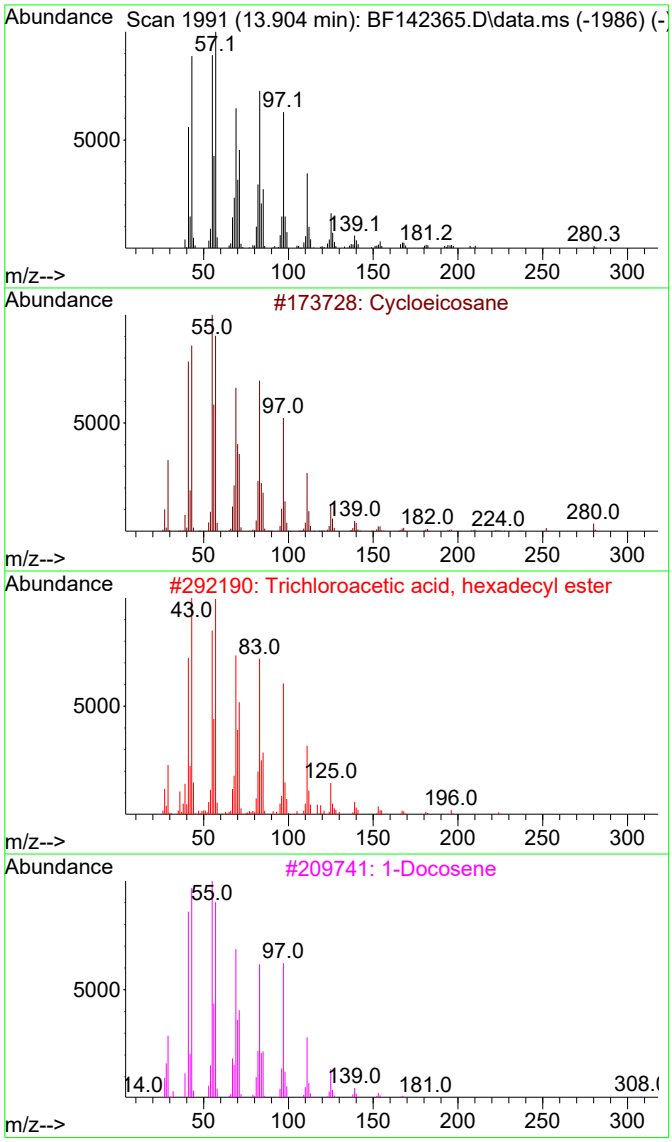
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

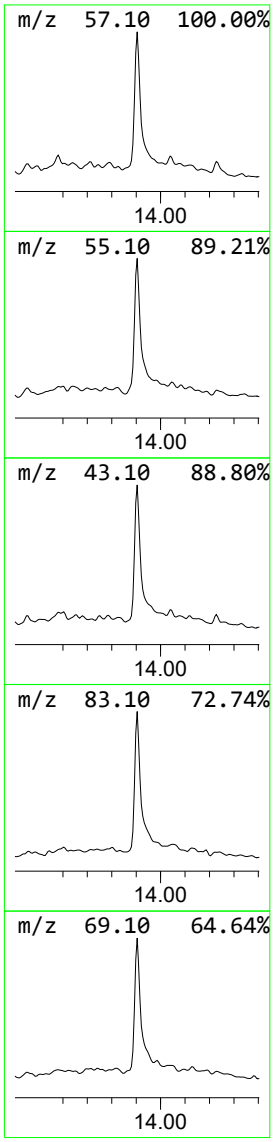
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Peak Number 4 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.89 ng	327627	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	97
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	1-Docosene	308	C22H44	001599-67-3	94
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





Sample Results: **BF142365.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142365.D
Acq On : 14 May 2025 14:51
Operator : RC/JU
Sample : Q1982-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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-...	5.116	7.9	ng	424336	1	6.898	1076230	20.0
Benzophenone	10.651	6.8	ng	572189	3	9.939	1676930	20.0
n-Hexadecanoic ...	11.951	10.0	ng	926182	4	11.422	1854820	20.0
Cycloeicosane	13.904	3.9	ng	327627	5	14.063	1686590	20.0

Raw Data: **BF142413.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-4	SDG No.:	Q1982
Lab Sample ID:	Q1982-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142413.D	1	05/12/25 09:38	05/16/25 01:27	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	380	ug/Kg
108-95-2	Phenol	25.3	U	25.3	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	27.8	U	27.8	190	ug/Kg
95-57-8	2-Chlorophenol	27.9	U	27.9	190	ug/Kg
95-48-7	2-Methylphenol	34.2	U	34.2	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42.9	U	42.9	190	ug/Kg
98-86-2	Acetophenone	33.7	U	33.7	190	ug/Kg
65794-96-9	3+4-Methylphenols	47.0	U	47.0	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.2	U	54.2	91.5	ug/Kg
67-72-1	Hexachloroethane	20.1	U	20.1	190	ug/Kg
98-95-3	Nitrobenzene	20.9	U	20.9	190	ug/Kg
78-59-1	Isophorone	37.5	U	37.5	190	ug/Kg
88-75-5	2-Nitrophenol	66.5	U	66.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	74.1	U	74.1	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	35.2	U	35.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	32.4	U	32.4	190	ug/Kg
91-20-3	Naphthalene	26.0	U	26.0	190	ug/Kg
106-47-8	4-Chloroaniline	40.5	U	40.5	190	ug/Kg
87-68-3	Hexachlorobutadiene	28.9	U	28.9	190	ug/Kg
105-60-2	Caprolactam	59.6	U	59.6	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32.8	U	32.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	29.3	U	29.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	22.6	U	22.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33.3	U	33.3	190	ug/Kg
92-52-4	1,1-Biphenyl	24.9	U	24.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	25.7	U	25.7	190	ug/Kg
88-74-4	2-Nitroaniline	55.0	U	55.0	190	ug/Kg
131-11-3	Dimethylphthalate	31.0	U	31.0	190	ug/Kg

Raw Data: **BF142413.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-4	SDG No.:	Q1982
Lab Sample ID:	Q1982-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142413.D	1	05/12/25 09:38	05/16/25 01:27	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	33.0	U	33.0	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	38.4	U	38.4	190	ug/Kg
99-09-2	3-Nitroaniline	52.6	U	52.6	190	ug/Kg
83-32-9	Acenaphthene	24.4	U	24.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	380	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	380	ug/Kg
132-64-9	Dibenzofuran	26.0	U	26.0	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.3	UQ	57.3	190	ug/Kg
84-66-2	Diethylphthalate	32.4	U	32.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30.5	U	30.5	190	ug/Kg
86-73-7	Fluorene	100	J	28.9	190	ug/Kg
100-01-6	4-Nitroaniline	73.4	UQ	73.4	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	37.6	U	37.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31.8	U	31.8	190	ug/Kg
118-74-1	Hexachlorobenzene	28.9	U	28.9	190	ug/Kg
1912-24-9	Atrazine	38.9	U	38.9	190	ug/Kg
87-86-5	Pentachlorophenol	58.7	UQ	58.7	380	ug/Kg
85-01-8	Phenanthrene	230		23.9	190	ug/Kg
120-12-7	Anthracene	92.8	J	38.1	190	ug/Kg
86-74-8	Carbazole	35.7	U	35.7	190	ug/Kg
84-74-2	Di-n-butylphthalate	54.8	U	54.8	190	ug/Kg
206-44-0	Fluoranthene	510		34.3	190	ug/Kg
129-00-0	Pyrene	450		41.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	81.6	U	81.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	42.0	U	42.0	380	ug/Kg
56-55-3	Benzo(a)anthracene	290		26.3	190	ug/Kg
218-01-9	Chrysene	260		22.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	J	67.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	99.2	U	99.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	380		21.7	190	ug/Kg

Raw Data: **BF142413.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-4	SDG No.:	Q1982
Lab Sample ID:	Q1982-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142413.D	1	05/12/25 09:38	05/16/25 01:27	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	110	J	25.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	280		33.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	33.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31.3	U	31.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	29.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29.3	U	29.3	190	ug/Kg
123-91-1	1,4-Dioxane	51.7	U	51.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	31.3	U	31.3	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	79.9		18 - 112	53%	SPK: 150
13127-88-3	Phenol-d6	79.6		15 - 107	53%	SPK: 150
4165-60-0	Nitrobenzene-d5	56.8		18 - 107	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.2		20 - 109	56%	SPK: 100
118-79-6	2,4,6-Tribromophenol	79.6		10 - 116	53%	SPK: 150
1718-51-0	Terphenyl-d14	50.1		10 - 105	50%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	176000	6.904			
1146-65-2	Naphthalene-d8	649000	8.186			
15067-26-2	Acenaphthene-d10	309000	9.939			
1517-22-2	Phenanthrene-d10	450000	11.427			
1719-03-5	Chrysene-d12	299000	14.068			
1520-96-3	Perylene-d12	225000	15.557			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	AB		5.12	ug/Kg
000119-61-9	Benzophenone	140	J		10.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	310	J		12.0	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	140	J		12.0	ug/Kg
033543-31-6	Fluoranthene, 2-methyl-	98.7	J		13.2	ug/Kg
959261-23-5	Heptafluorobutyric acid, pentadecy	140	J		13.9	ug/Kg

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-4	SDG No.:	Q1982
Lab Sample ID:	Q1982-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142413.D	1	05/12/25 09:38	05/16/25 01:27	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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\BF051525\
Data File : BF142413.D
Acq On : 16 May 2025 01:27
Operator : RC/JU
Sample : Q1982-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Time: May 16 03:12:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	176019	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	648776	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	308965	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	449574	20.000	ng		0.00
76) Chrysene-d12	14.068	240	299172	20.000	ng		0.00
86) Perylene-d12	15.557	264	224973	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	823786	79.893	ng		0.00
7) Phenol-d6	6.522	99	1009749	79.621	ng		0.00
23) Nitrobenzene-d5	7.463	82	604051	56.783	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	237436	79.596	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1218248	56.222	ng		0.00
79) Terphenyl-d14	13.010	244	1012854	50.109	ng		0.00
Target Compounds							Qvalue
58) Fluorene	10.486	166	54944	2.753	ng		96
71) Phenanthrene	11.451	178	142883	6.063	ng		98
72) Anthracene	11.498	178	58980	2.436	ng		99
75) Fluoranthene	12.639	202	315974	13.413	ng		99
78) Pyrene	12.869	202	317180	11.911	ng		99
81) Benzo(a)anthracene	14.057	228	145763	7.523	ng		94
83) Chrysene	14.092	228	120799	6.697	ng		97
84) Bis(2-ethylhexyl)phtha...	14.045	149	5250	4.710	ng	#	78
87) Indeno(1,2,3-cd)pyrene	17.062	276	45586m	2.913	ng		
88) Benzo(b)fluoranthene	15.121	252	135396m	9.937	ng		
89) Benzo(k)fluoranthene	15.139	252	36286m	2.910	ng		
90) Benzo(a)pyrene	15.492	252	90398	7.404	ng	#	96
92) Benzo(g,h,i)perylene	17.515	276	47644	3.713	ng		96

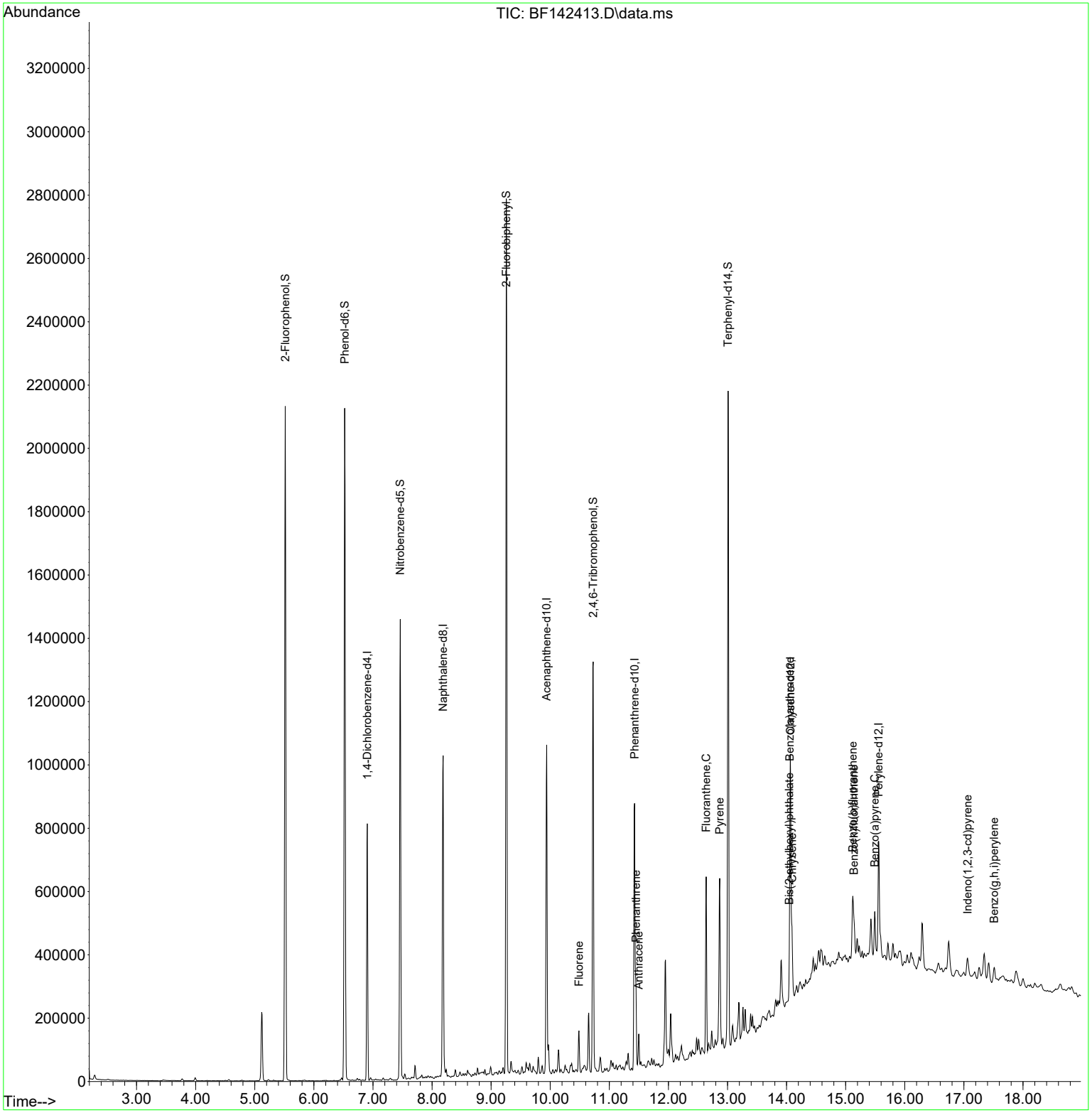
(#) = qualifier out of range (m) = manual integration (+) = signals summed

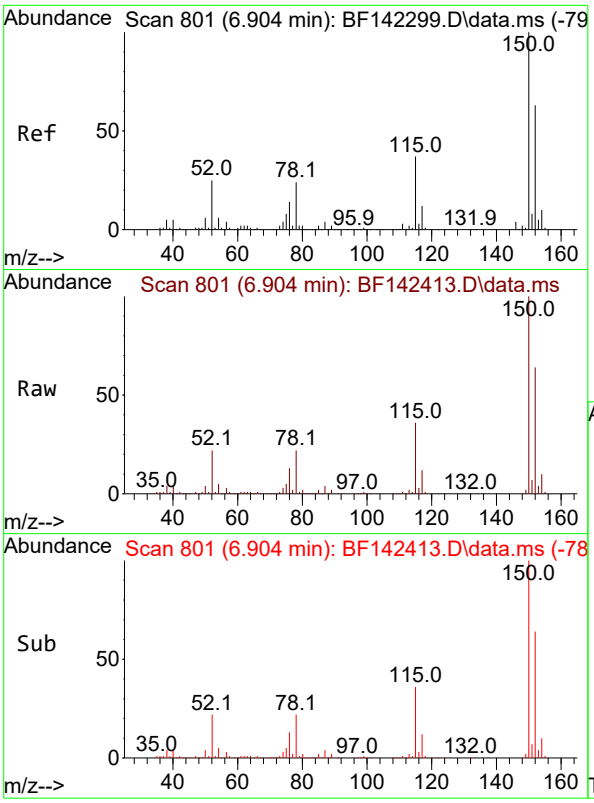
Sample Results: **BF142413.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142413.D
Acq On : 16 May 2025 01:27
Operator : RC/JU
Sample : Q1982-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Time: May 16 03:12:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



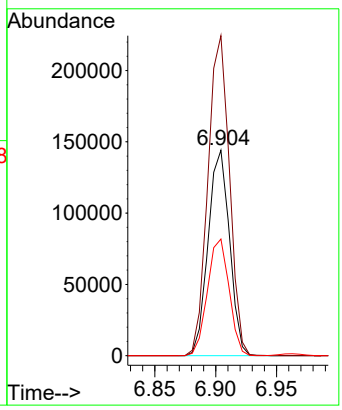


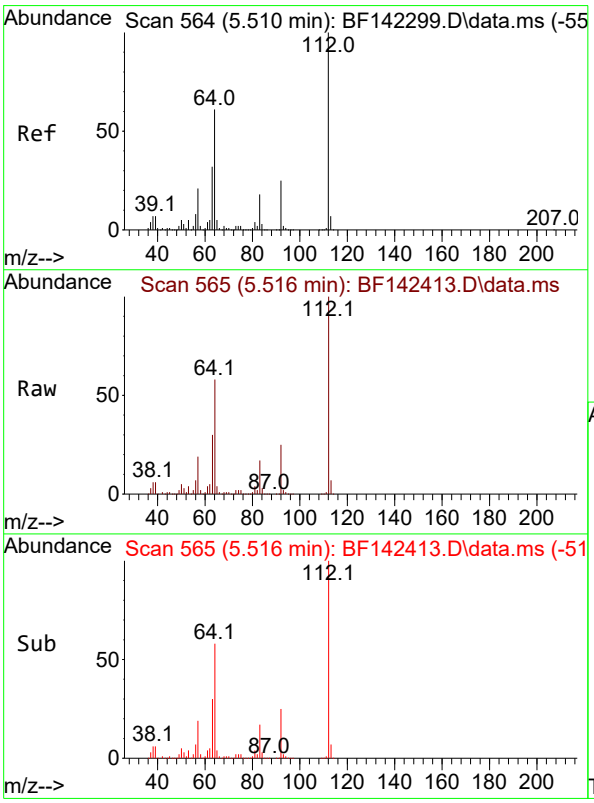
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 176019

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.6	190.0
115	56.8	47.3	70.9

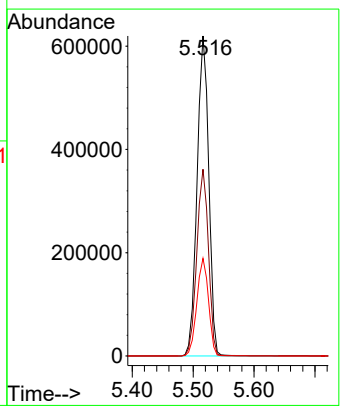


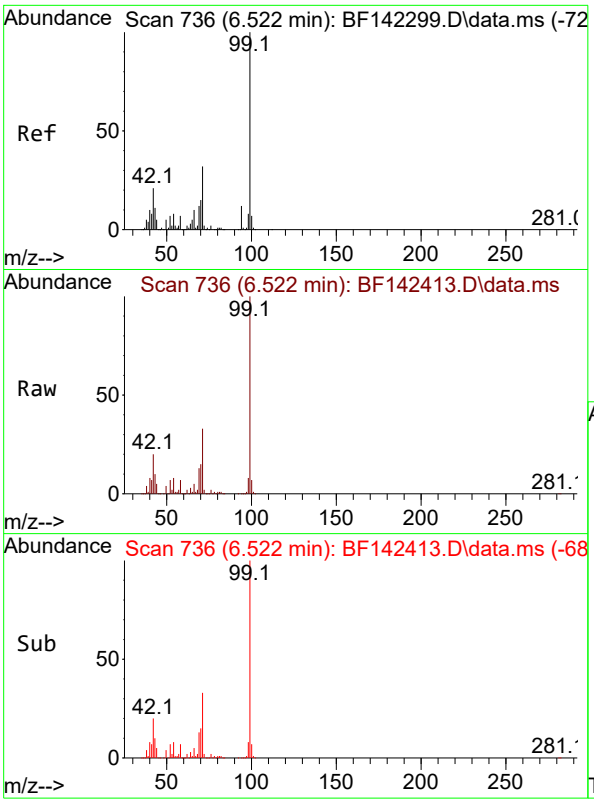


#5
2-Fluorophenol
Concen: 79.893 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Tgt Ion:112 Resp: 823786

Ion	Ratio	Lower	Upper
112	100		
64	58.3	48.9	73.3
63	30.5	25.6	38.4



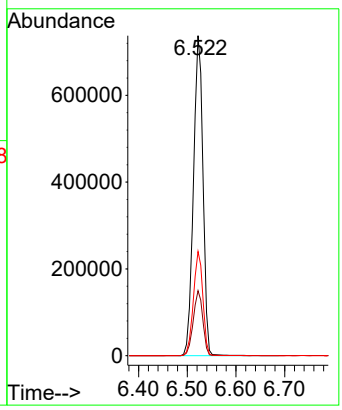


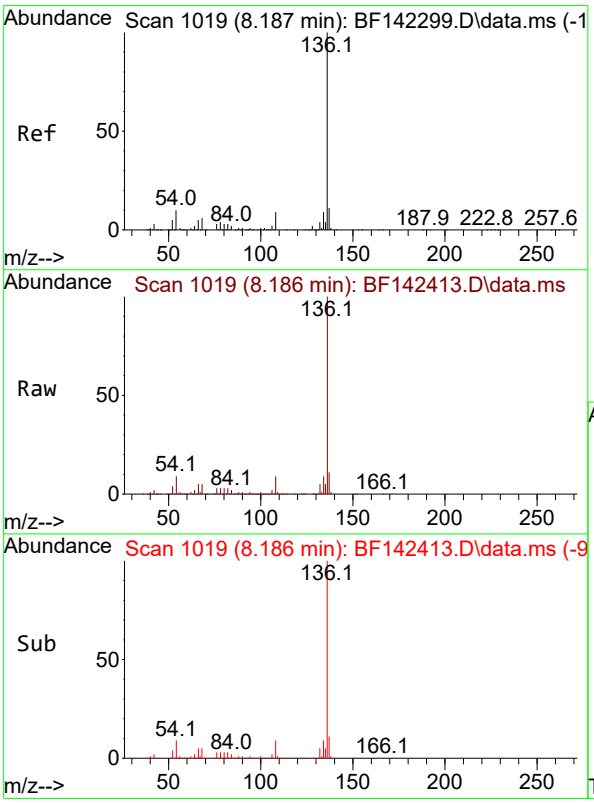
#7
Phenol-d6
Concen: 79.621 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 99 Resp: 1009749

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.0	25.4
71	32.6	25.8	38.8

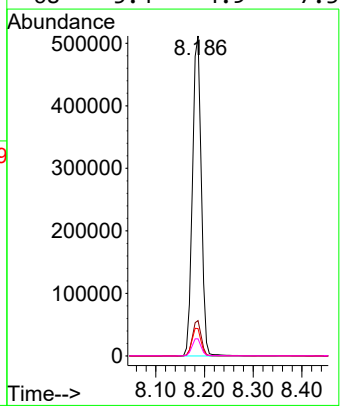


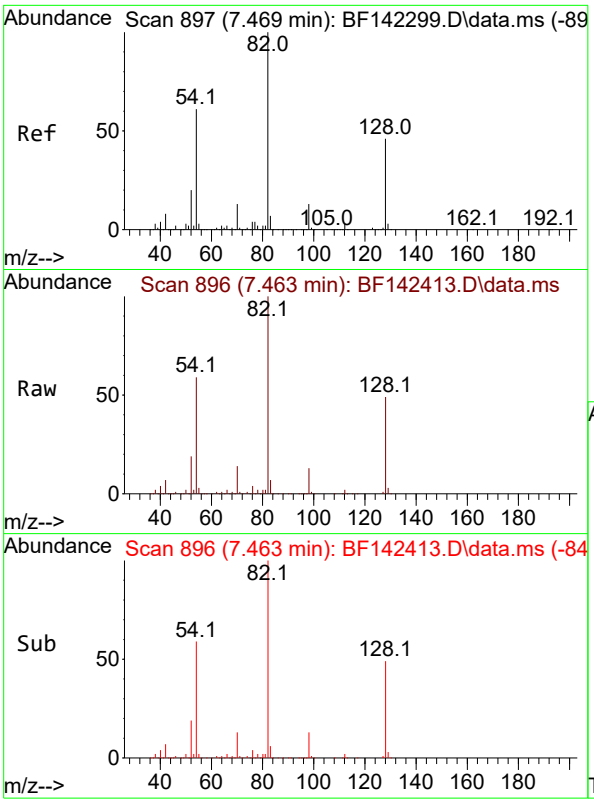


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Tgt Ion:136 Resp: 648776

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.6	7.7	11.5
68	5.4	4.9	7.3



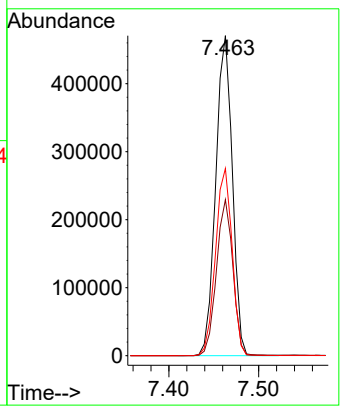


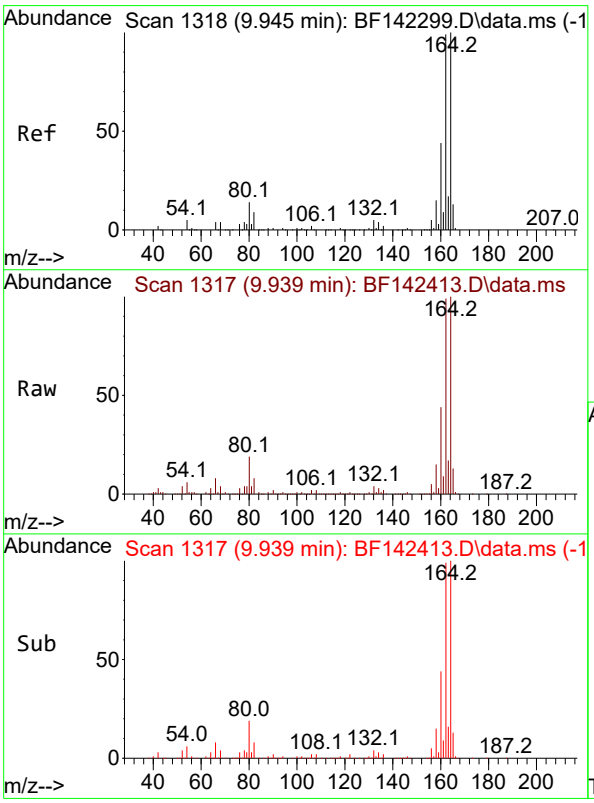
#23
Nitrobenzene-d5
Concen: 56.783 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 82 Resp: 604051

Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.0	55.6
54	58.5	48.6	73.0

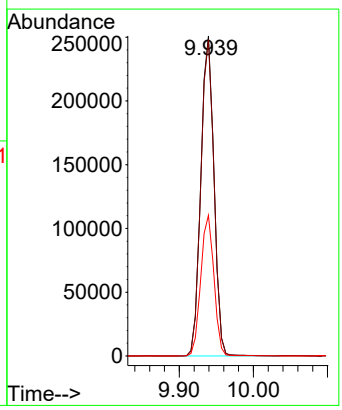


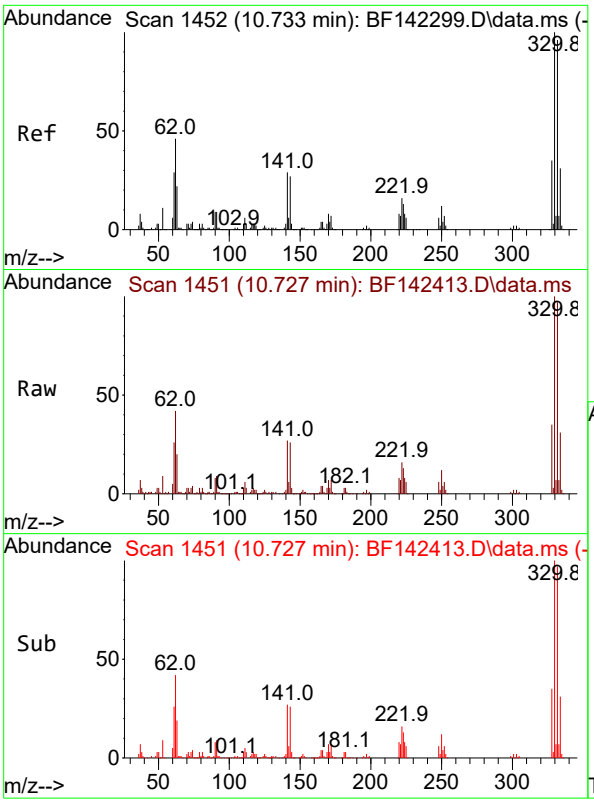


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Tgt Ion:164 Resp: 308965

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.2	118.8
160	43.9	35.3	52.9



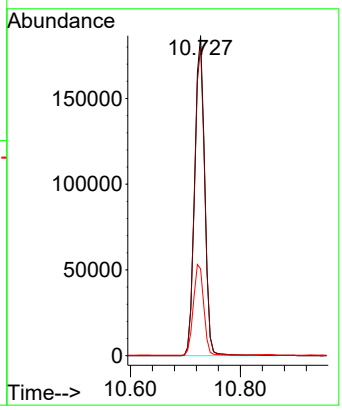


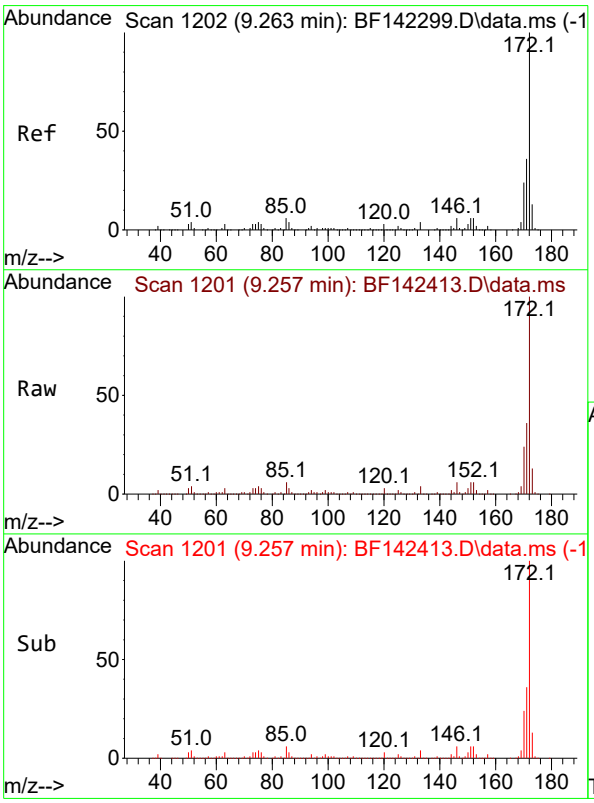
#42
2,4,6-Tribromophenol
Concen: 79.596 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:330 Resp: 237436

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	29.0	24.9	37.3

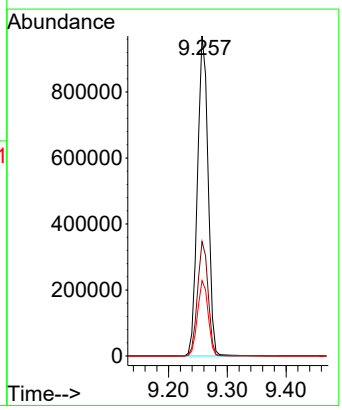


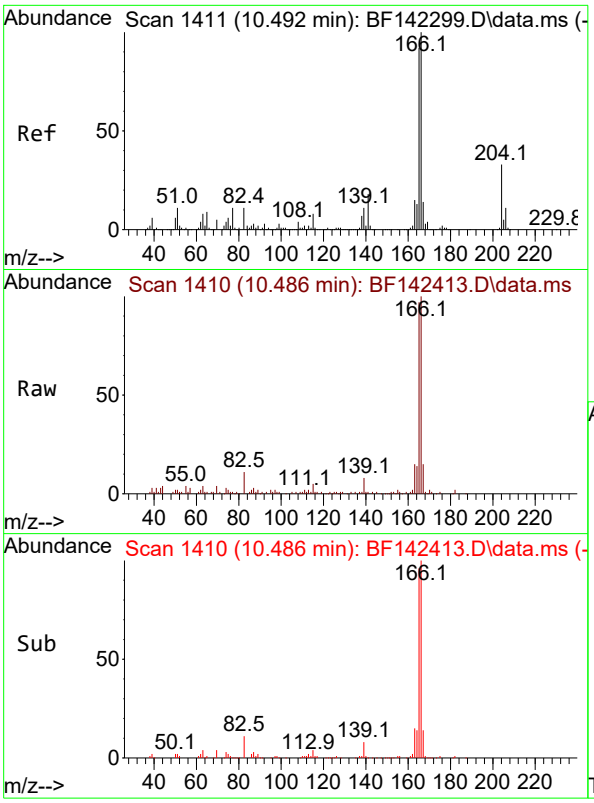


#45
2-Fluorobiphenyl
Concen: 56.222 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Tgt Ion:172 Resp: 1218248

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.6	19.0	28.4



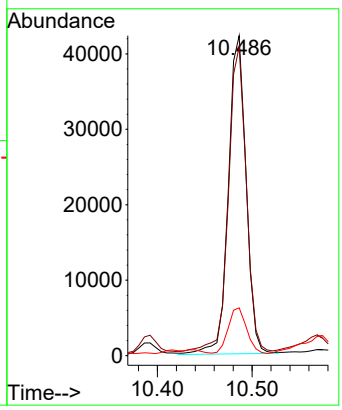


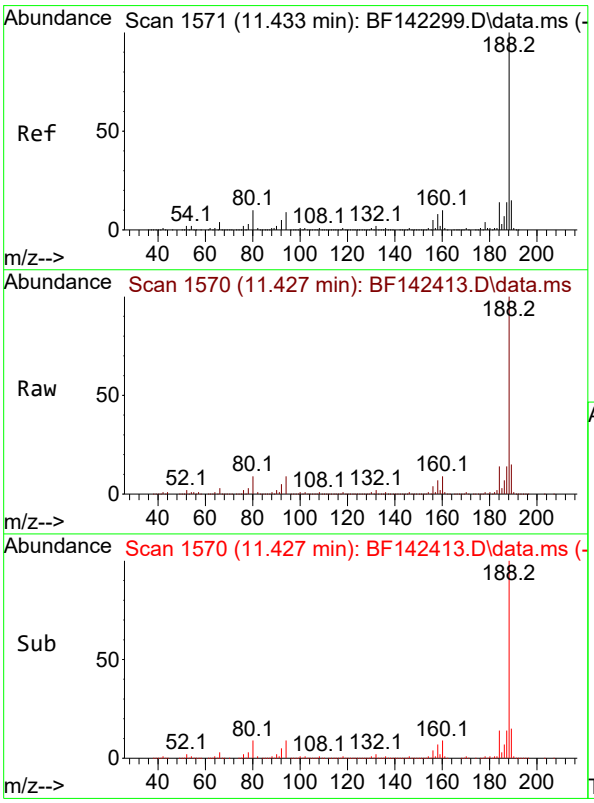
#58
Fluorene
Concen: 2.753 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:166 Resp: 54944

Ion	Ratio	Lower	Upper
166	100		
165	96.5	74.0	111.0
167	15.0	10.9	16.3

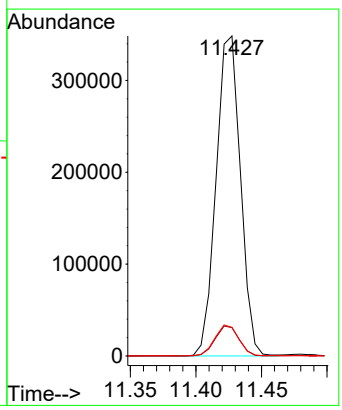


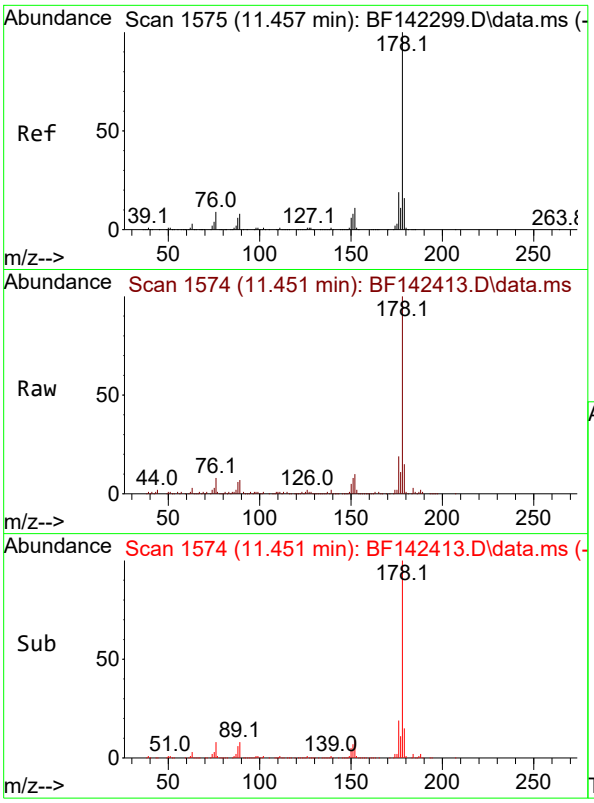


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Tgt Ion:188 Resp: 449574

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.5	11.3
80	8.9	7.9	11.9



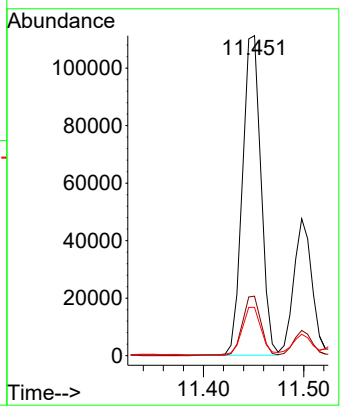


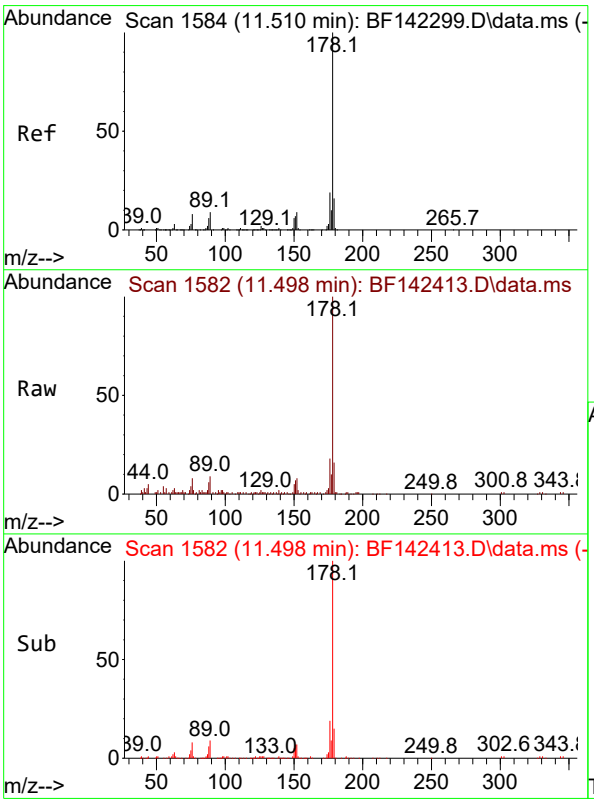
#71
Phenanthrene
Concen: 6.063 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:178 Resp: 142883

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.1	12.6	18.8

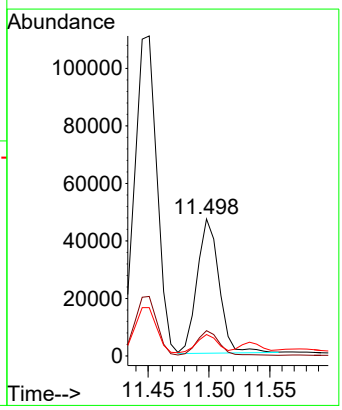


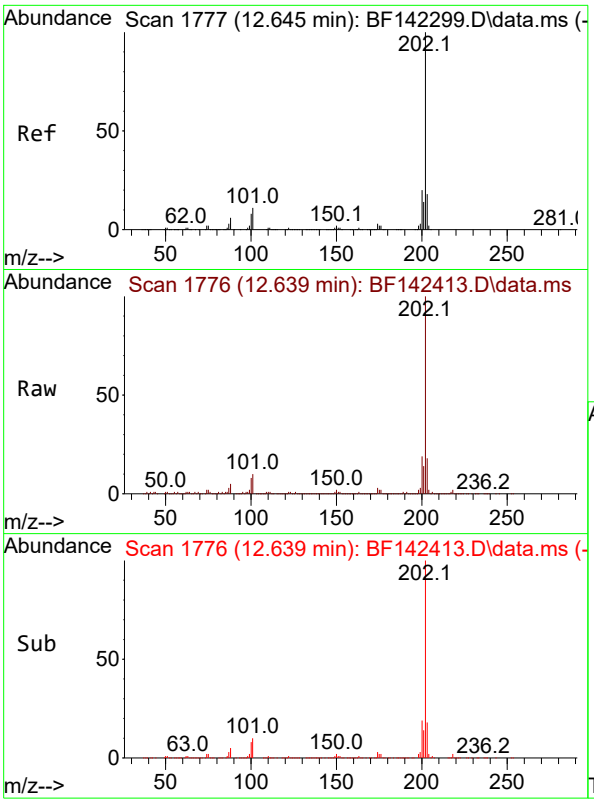


#72
Anthracene
Concen: 2.436 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Tgt Ion:178 Resp: 58980

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	15.6	12.6	18.8



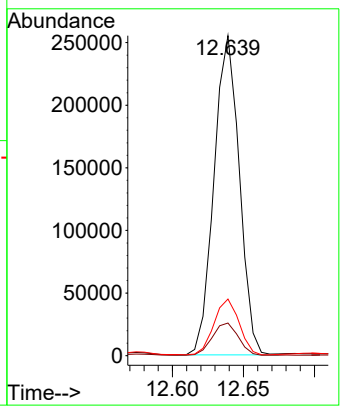


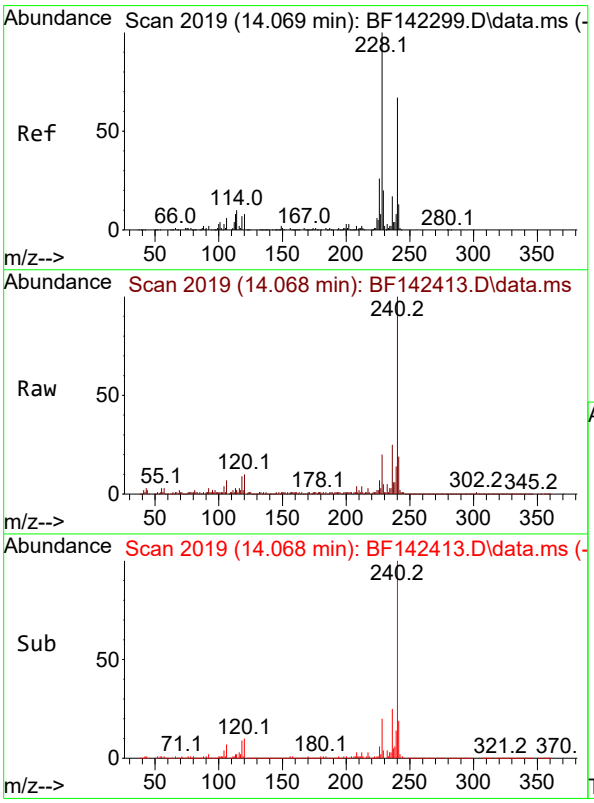
#75
Fluoranthene
Concen: 13.413 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:202 Resp: 315974

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.7	0.0	37.9

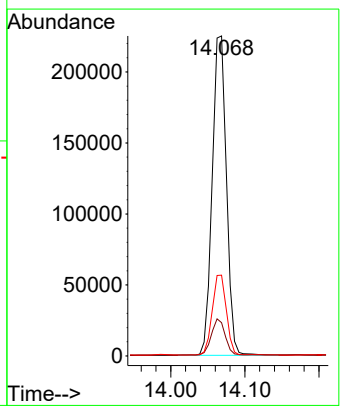


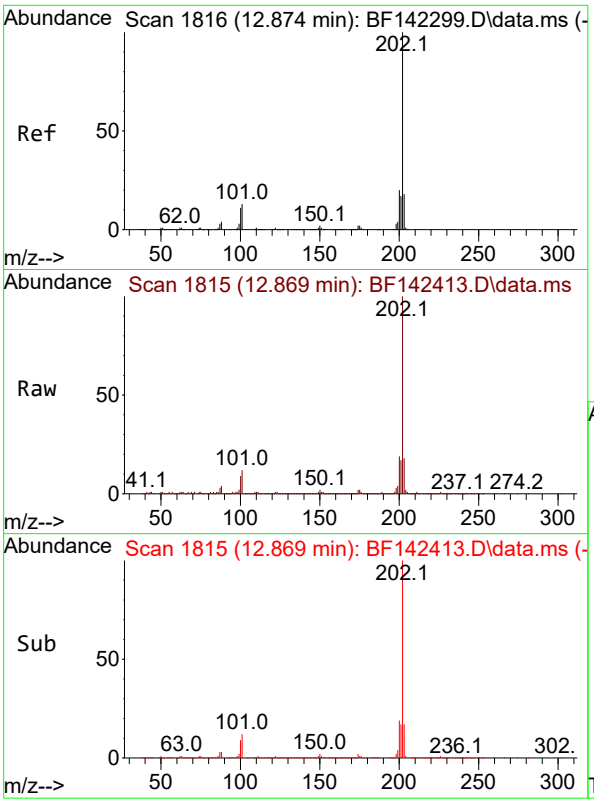


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Tgt Ion:240 Resp: 299172

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.7	14.5
236	25.3	20.0	30.0



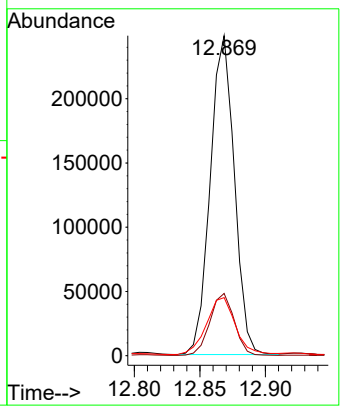


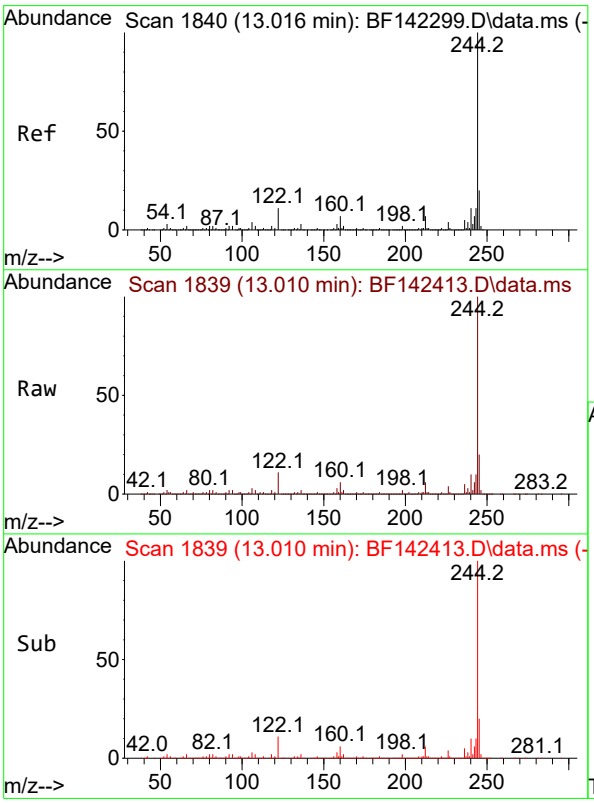
#78
Pyrene
Concen: 11.911 ng
RT: 12.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:202 Resp: 317180

Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.2	24.4
203	18.1	14.3	21.5

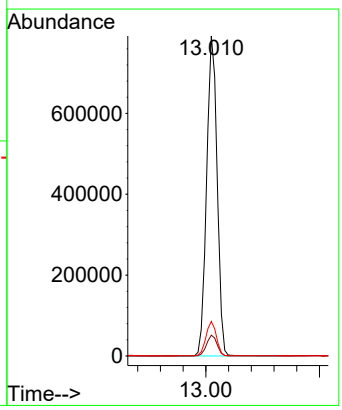


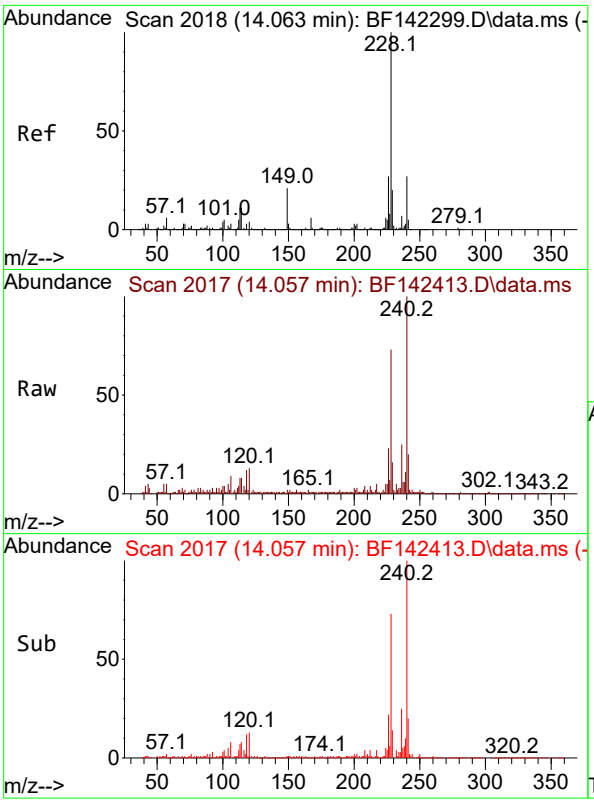


#79
Terphenyl-d14
Concen: 50.109 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Tgt Ion:244 Resp: 1012854

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	10.8	9.0	13.4



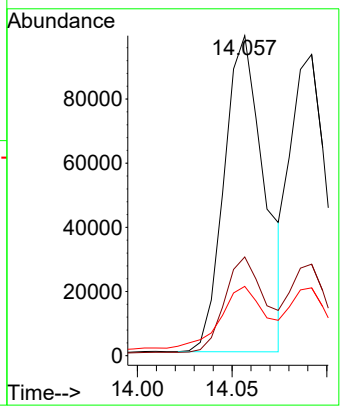


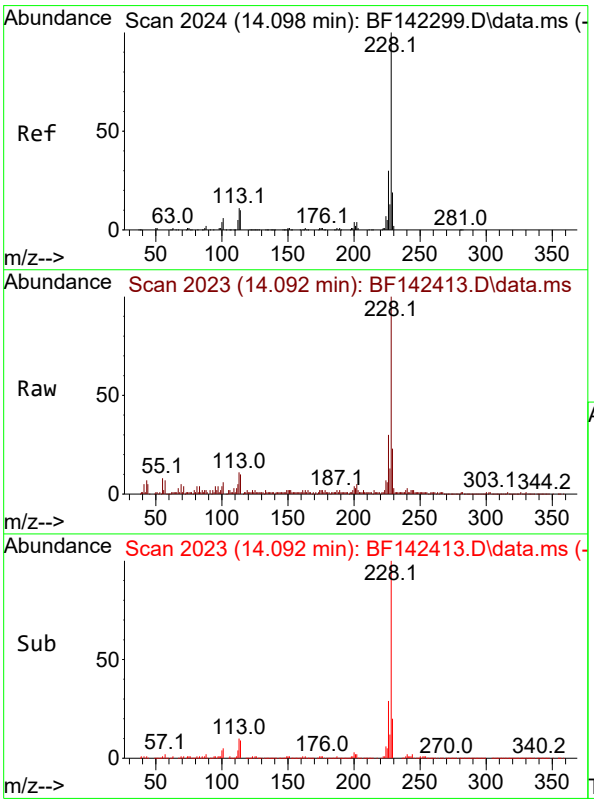
#81
Benzo(a)anthracene
Concen: 7.523 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:228 Resp: 145763

Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.5	32.3
229	21.7	15.9	23.9

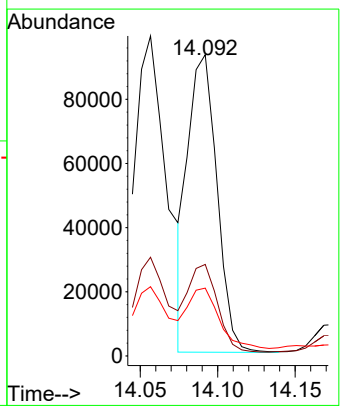


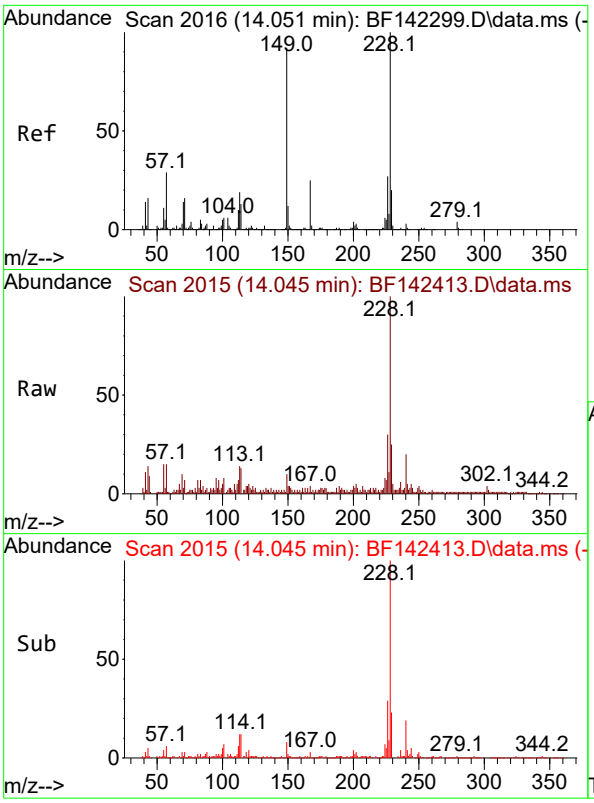


#83
Chrysene
Concen: 6.697 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Tgt Ion:228 Resp: 120799

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	22.5	15.4	23.2



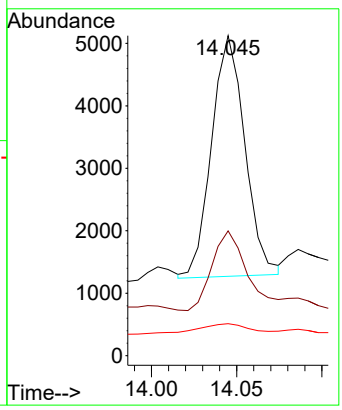


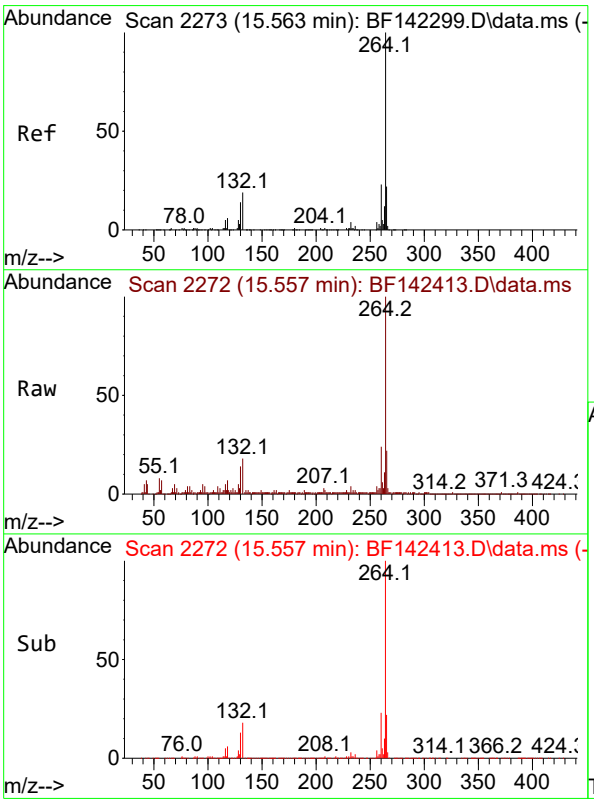
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.710 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:149 Resp: 5250

Ion	Ratio	Lower	Upper
149	100		
167	39.0	22.0	33.0#
279	10.0	3.0	4.6#

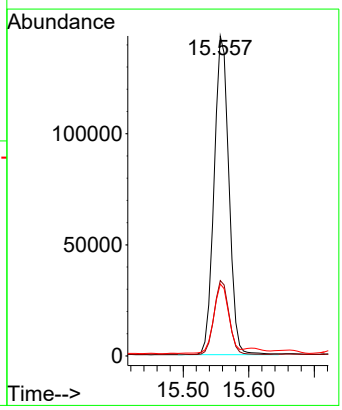


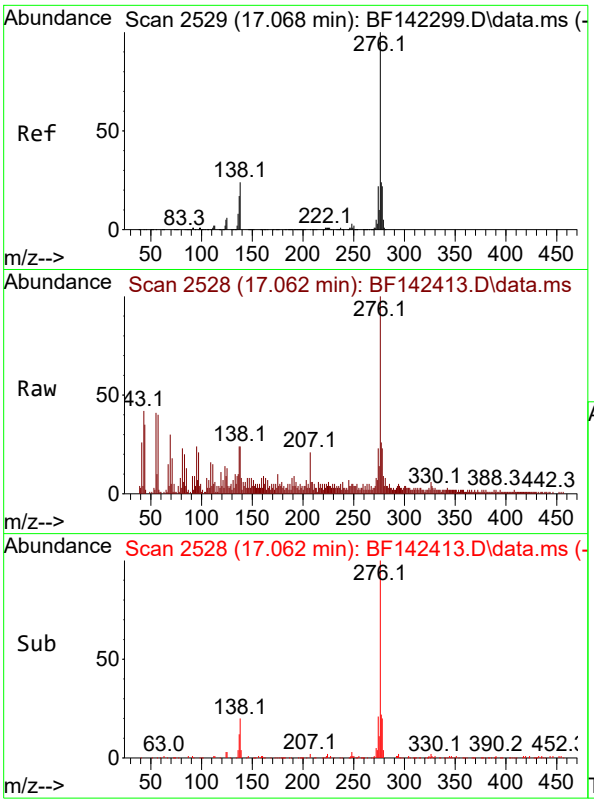


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Tgt Ion:264 Resp: 224973

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.5	17.5	26.3



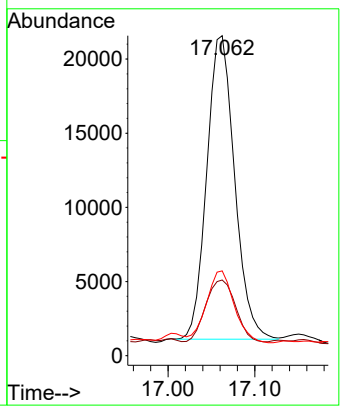


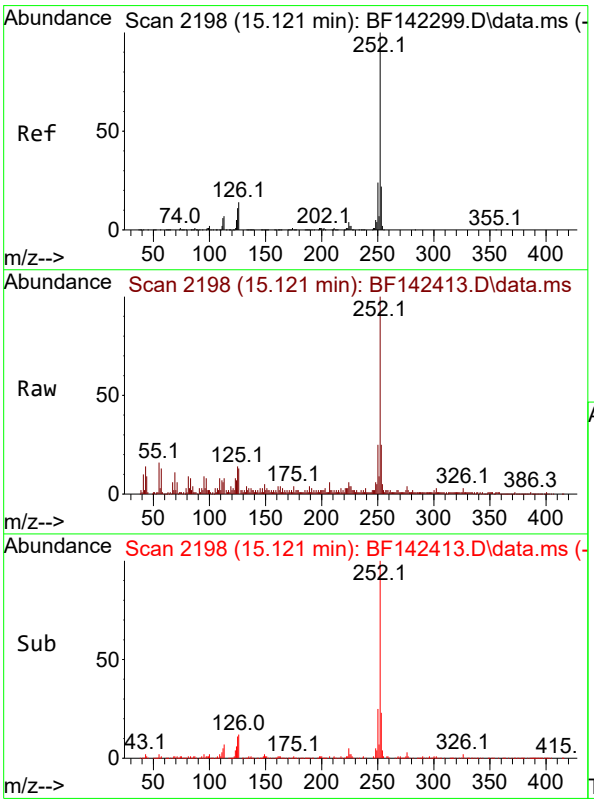
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.913 ng m
RT: 17.062 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:276 Resp: 45586

Ion	Ratio	Lower	Upper
276	100		
138	5.4	22.0	33.0#
277	4.9	20.1	30.1#

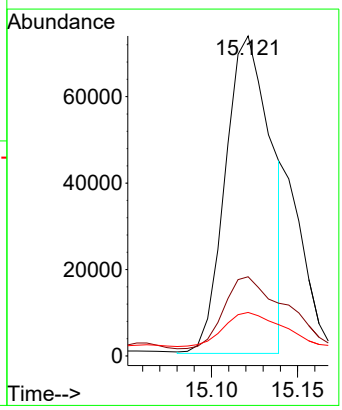


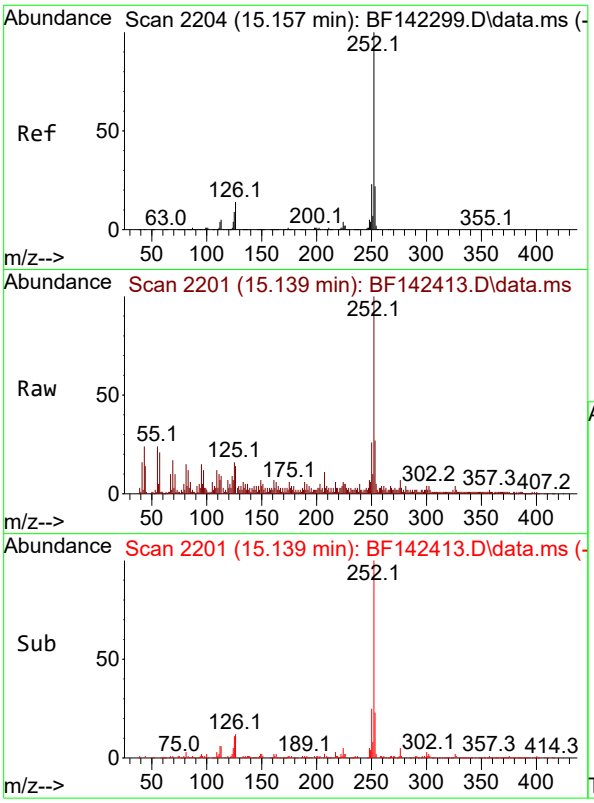


#88
Benzo(b)fluoranthene
Concen: 9.937 ng m
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Tgt Ion:252 Resp: 135396

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.7	26.5
125	13.6	8.7	13.1#



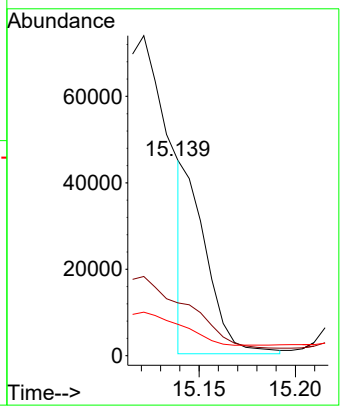


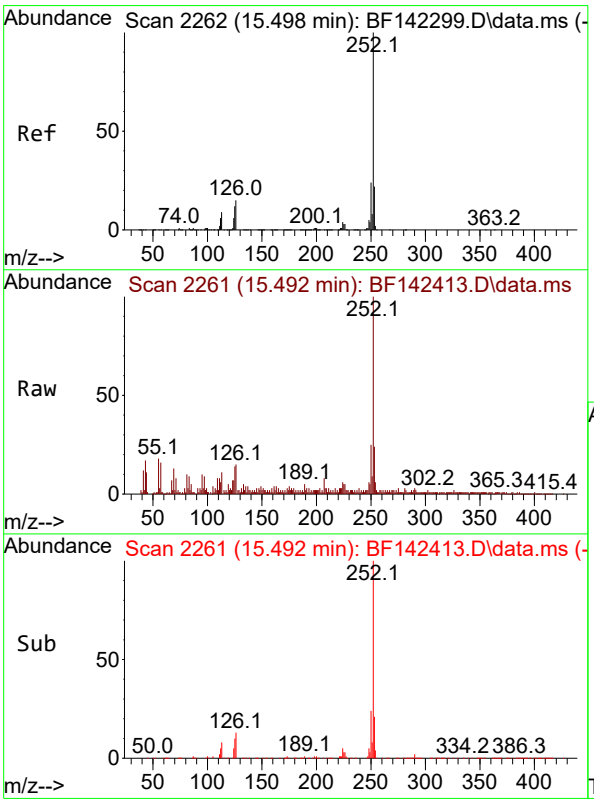
#89
Benzo(k)fluoranthene
Concen: 2.910 ng m
RT: 15.139 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:252 Resp: 36286

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.6	26.4#
125	16.1	8.1	12.1#

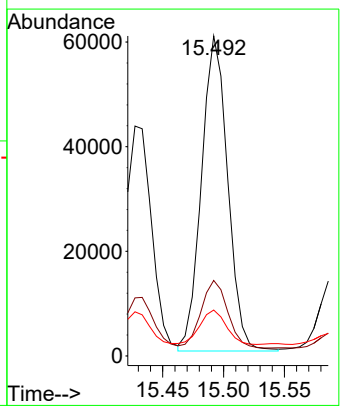


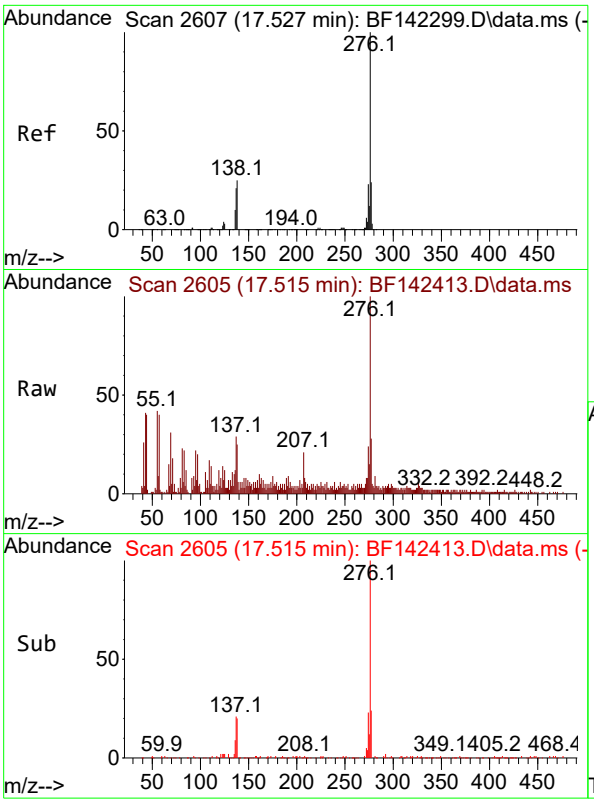


#90
Benzo(a)pyrene
Concen: 7.404 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Tgt Ion:252 Resp: 90398

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	14.3	9.4	14.0#



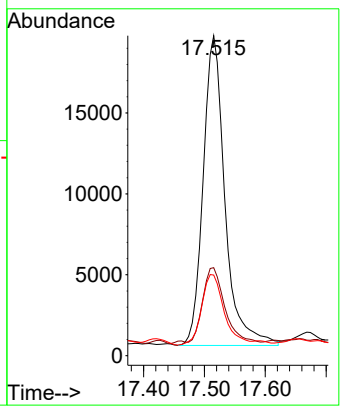


#92
Benzo(g,h,i)perylene
Concen: 3.713 ng
RT: 17.515 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142413.D
Acq: 16 May 2025 01:27

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:276 Resp: 47644

Ion	Ratio	Lower	Upper
276	100		
277	27.5	19.0	28.6
138	25.2	19.8	29.6



Sample Results: **BF142413.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142413.D
Acq On : 16 May 2025 01:27
Operator : RC/JU
Sample : Q1982-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142413.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	489	497	508	rBV	217149	337308	9.84%	1.185%
2	5.516	559	565	570	rBV	2131006	2829159	82.49%	9.940%
3	6.522	730	736	754	rVB	2123199	2928263	85.38%	10.288%
4	6.904	796	801	806	rVB	810517	1003875	29.27%	3.527%
5	7.463	885	896	901	rBV	1455304	1888266	55.06%	6.634%
6	7.710	935	938	944	rVB	42381	55940	1.63%	0.197%
7	8.186	1012	1019	1026	rBV	1013093	1336891	38.98%	4.697%
8	9.257	1196	1201	1206	rBV	2762873	3429600	100.00%	12.050%
9	9.339	1210	1215	1222	rBV2	36321	59580	1.74%	0.209%
10	9.592	1255	1258	1261	rVV	35088	49813	1.45%	0.175%
11	9.651	1265	1268	1275	rVV4	32266	57317	1.67%	0.201%
12	9.710	1275	1278	1288	rVB2	23566	50005	1.46%	0.176%
13	9.798	1289	1293	1298	rBV	52798	67267	1.96%	0.236%
14	9.863	1300	1304	1310	rVV2	24982	35176	1.03%	0.124%
15	9.939	1310	1317	1321	rVV	1039091	1340078	39.07%	4.708%
16	9.969	1321	1322	1330	rVB	92299	86340	2.52%	0.303%
17	10.139	1346	1351	1355	rVB	71098	91929	2.68%	0.323%
18	10.486	1405	1410	1416	rVB	131749	177207	5.17%	0.623%
19	10.651	1433	1438	1444	rVB2	186981	254464	7.42%	0.894%
20	10.727	1445	1451	1456	rBV	1295797	1735132	50.59%	6.096%
21	10.845	1466	1471	1478	rVB2	46698	81348	2.37%	0.286%
22	11.027	1498	1502	1505	rBV2	29156	43781	1.28%	0.154%
23	11.286	1541	1546	1548	rBV2	25546	40621	1.18%	0.143%
24	11.322	1548	1552	1558	rVB2	52893	77935	2.27%	0.274%
25	11.427	1564	1570	1578	rBV2	842363	1431907	41.75%	5.031%
26	11.498	1578	1582	1586	rVV	98314	120230	3.51%	0.422%
27	11.657	1605	1609	1615	rBV5	17945	38422	1.12%	0.135%
28	11.951	1651	1659	1664	rBV3	331395	574087	16.74%	2.017%
29	12.039	1670	1674	1682	rVB	152896	259914	7.58%	0.913%
30	12.222	1698	1705	1715	rVB3	45818	111961	3.26%	0.393%
31	12.474	1745	1748	1751	rBV	49181	62221	1.81%	0.219%
32	12.510	1751	1754	1760	rVB2	46318	69631	2.03%	0.245%
33	12.639	1771	1776	1780	rBV	557595	690432	20.13%	2.426%
34	12.680	1780	1783	1788	rVV5	25163	37803	1.10%	0.133%
35	12.733	1788	1792	1798	rVV2	58277	83422	2.43%	0.293%
36	12.869	1809	1815	1821	rVB	522887	755258	22.02%	2.654%

Sample Results: **BF142413.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142413.D
Acq On : 16 May 2025 01:27
Operator : RC/JU
Sample : Q1982-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.010	1834	1839	1846	rVB	2066979	2672418	77.92%	9.389%
38	13.086	1848	1852	1858	rVV3	55687	92186	2.69%	0.324%
39	13.192	1864	1870	1874	rVB	114783	186144	5.43%	0.654%
40	13.263	1879	1882	1885	rVV	90224	110461	3.22%	0.388%
41	13.298	1885	1888	1896	rVB2	77856	110278	3.22%	0.387%
42	13.392	1901	1904	1907	rBV	50997	56454	1.65%	0.198%
43	13.910	1988	1992	2002	rVB3	146426	264685	7.72%	0.930%
44	14.063	2013	2018	2030	rBV2	766593	1439227	41.96%	5.057%
45	15.121	2194	2198	2206	rVB	179501	387952	11.31%	1.363%
46	15.492	2258	2261	2267	rVB	124499	163263	4.76%	0.574%
47	15.557	2268	2272	2284	rVB	367774	686458	20.02%	2.412%

Sum of corrected areas: 28462109

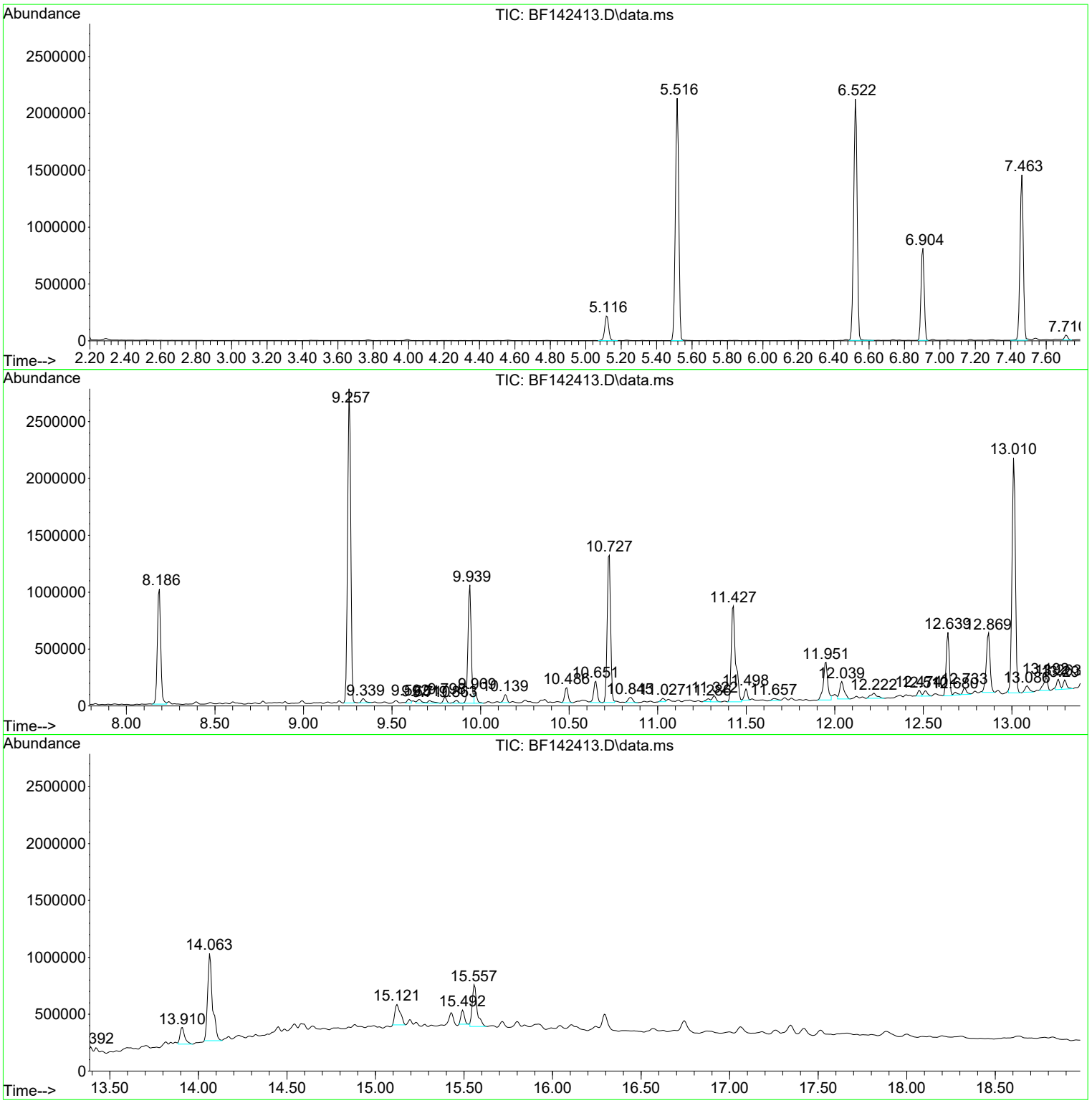
Sample Results: **BF142413.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142413.D
Acq On : 16 May 2025 01:27
Operator : RC/JU
Sample : Q1982-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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\BF051525\
Data File : BF142413.D
Acq On : 16 May 2025 01:27
Operator : RC/JU
Sample : Q1982-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

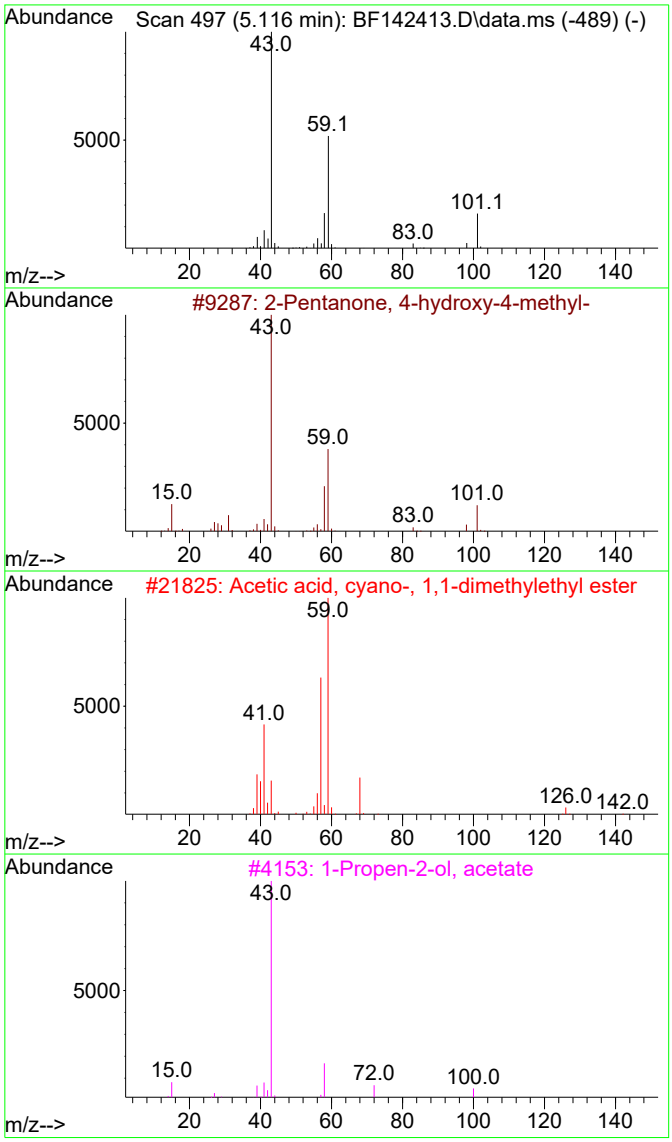
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

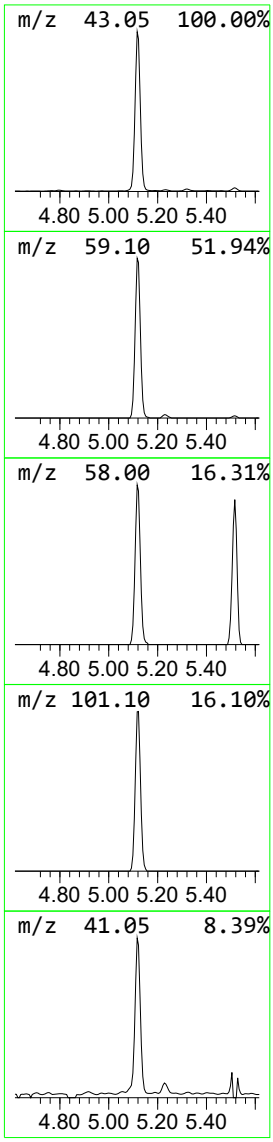
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	6.72 ng	337308	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142413.D
Acq On : 16 May 2025 01:27
Operator : RC/JU
Sample : Q1982-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

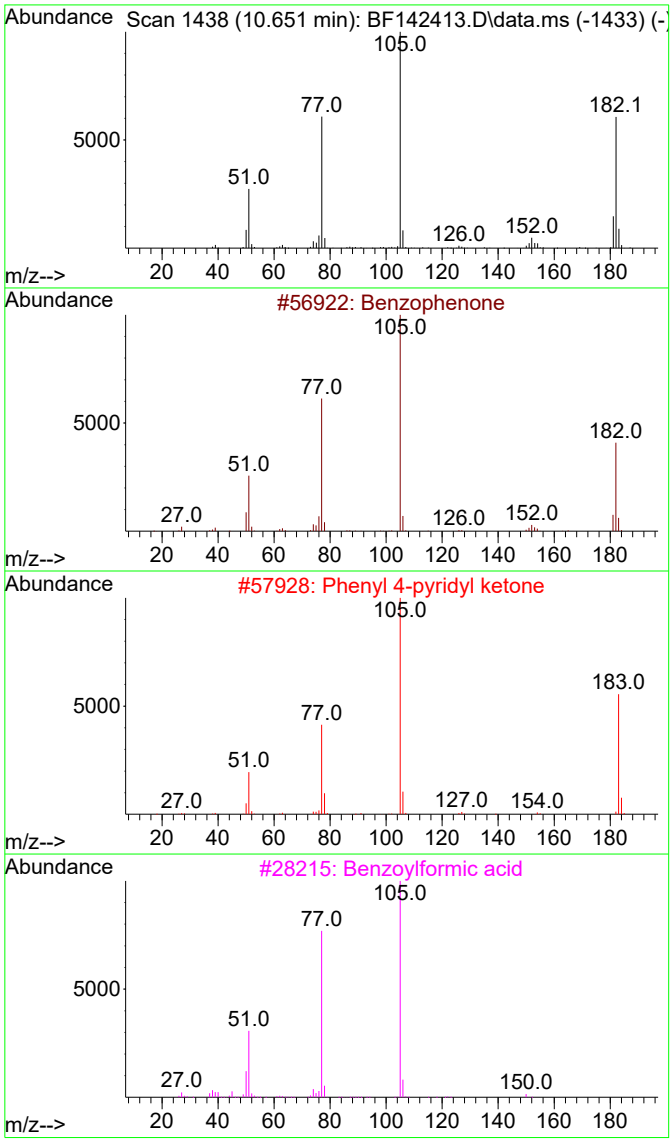
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

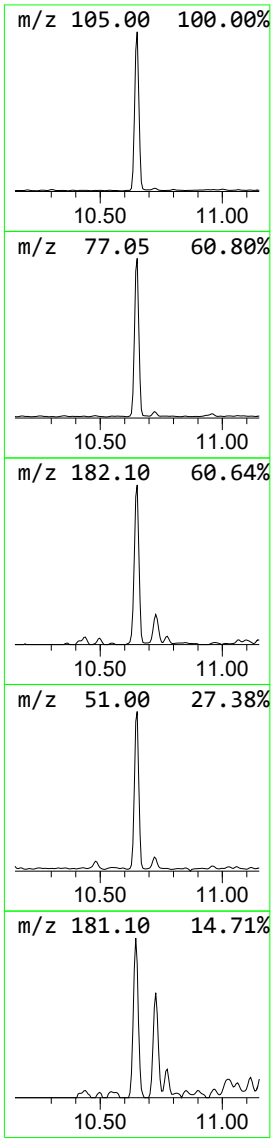
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	3.80 ng	254464	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49
3	Benzoylformic acid	150	C8H6O3	000611-73-4	49
4	Vinyl benzoate	148	C9H8O2	000769-78-8	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142413.D
Acq On : 16 May 2025 01:27
Operator : RC/JU
Sample : Q1982-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

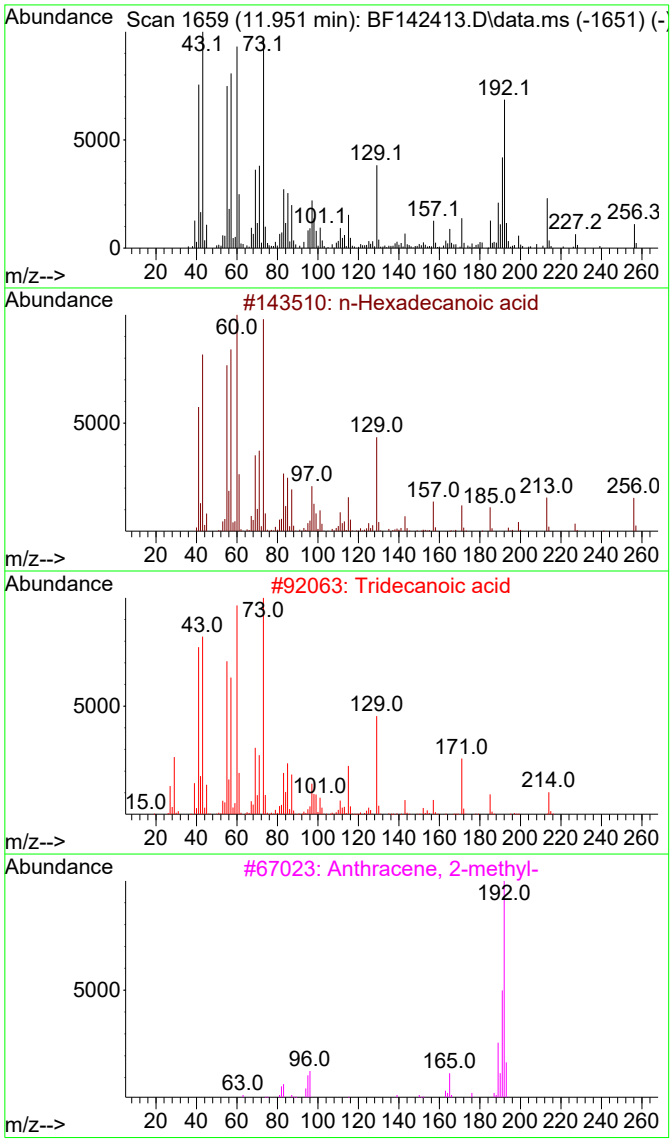
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TIC Integration Parameters: LSCINT.P

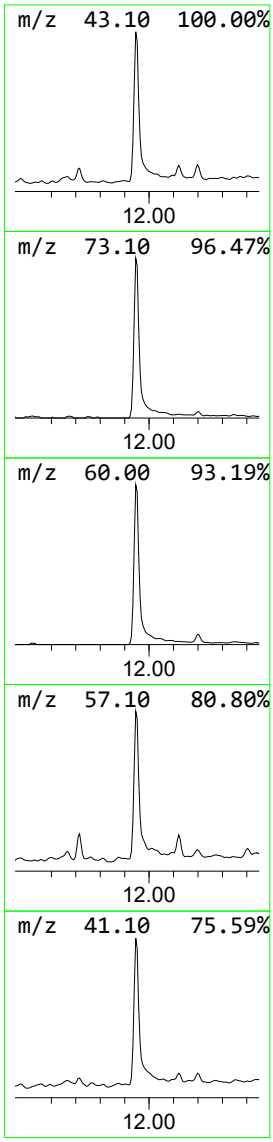
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	8.02 ng	574087	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142413.D
Acq On : 16 May 2025 01:27
Operator : RC/JU
Sample : Q1982-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

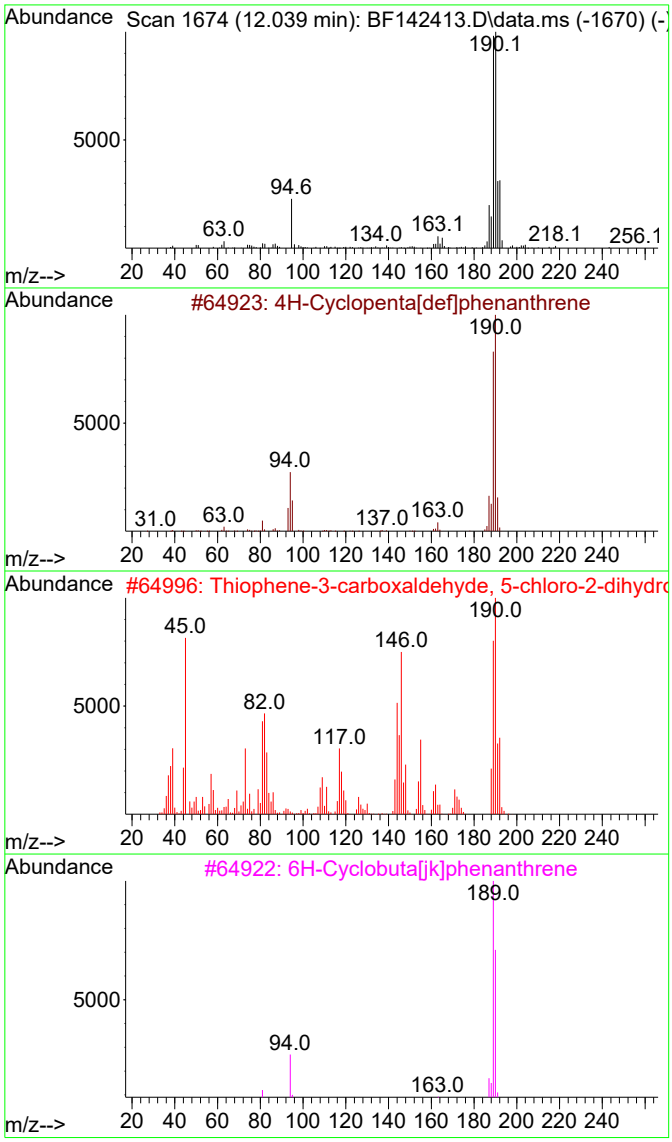
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

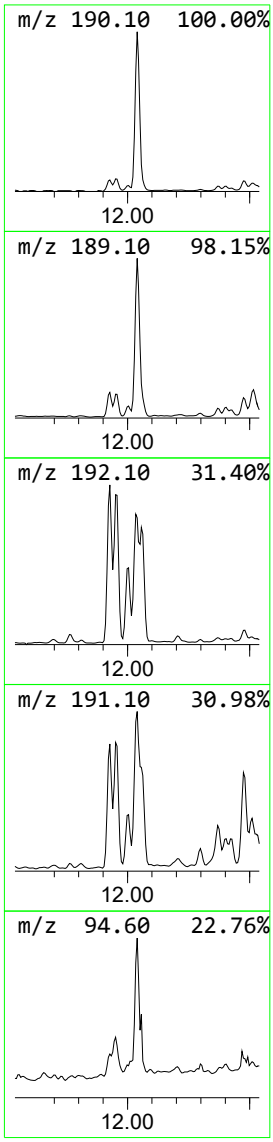
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	3.63 ng	259914	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142413.D
Acq On : 16 May 2025 01:27
Operator : RC/JU
Sample : Q1982-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

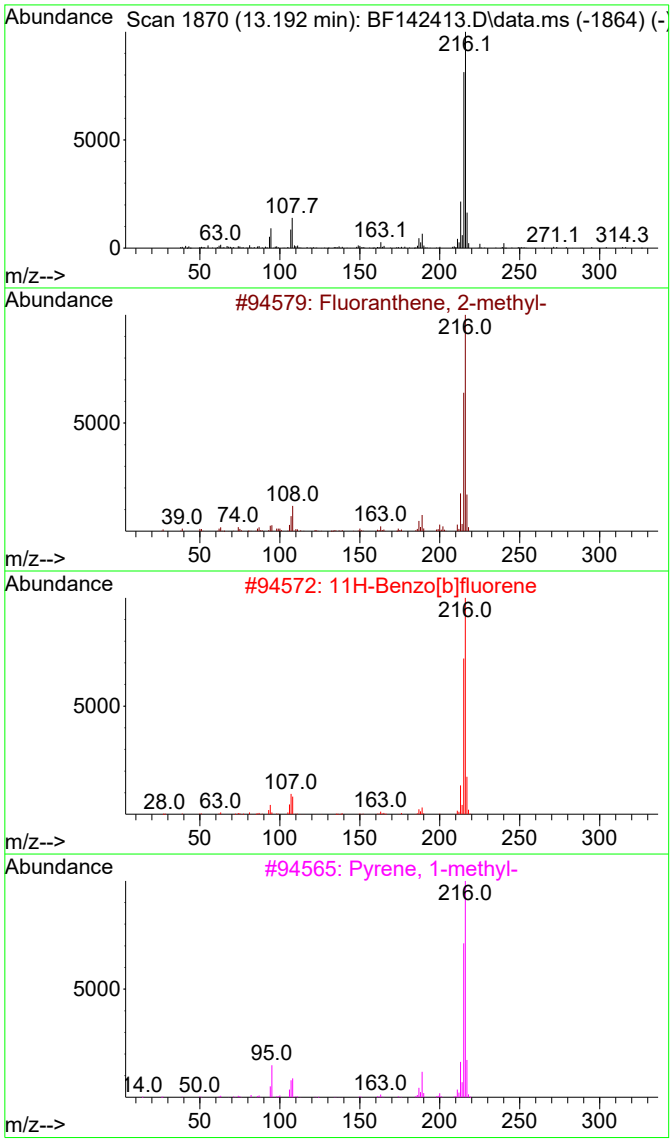
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

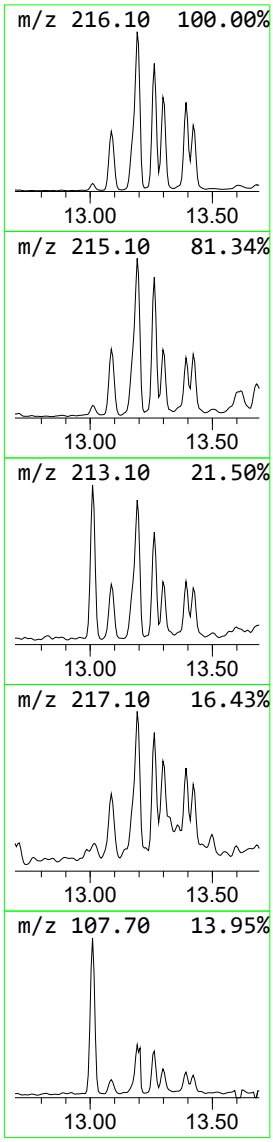
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Peak Number 5 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	2.59 ng	186144	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142413.D
Acq On : 16 May 2025 01:27
Operator : RC/JU
Sample : Q1982-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

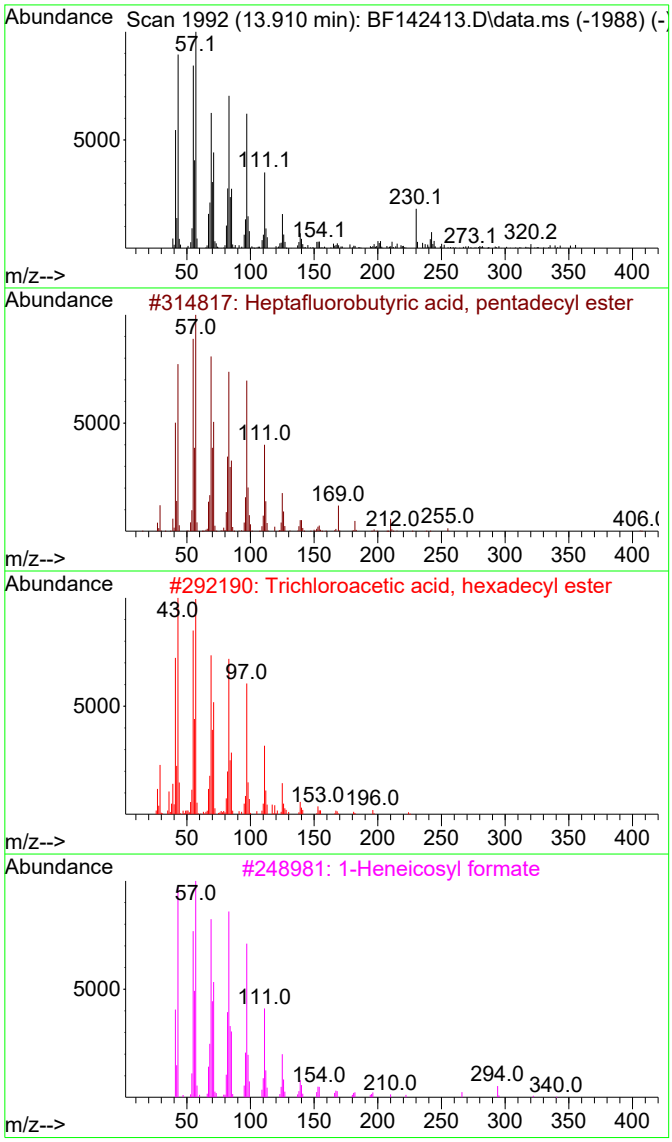
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

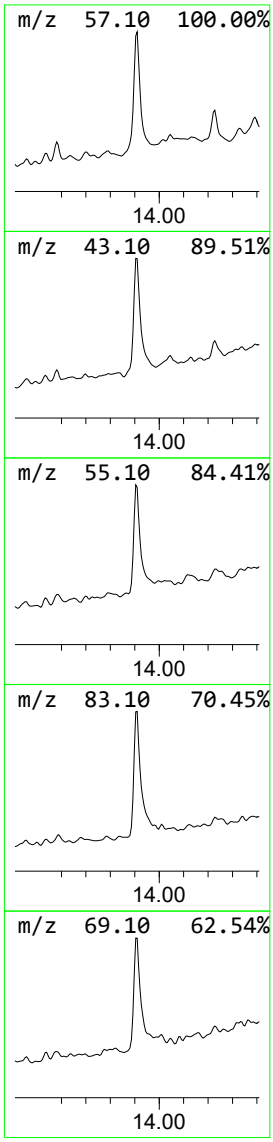
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	3.68 ng	264685	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94





Sample Results: **BF142413.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142413.D
Acq On : 16 May 2025 01:27
Operator : RC/JU
Sample : Q1982-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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-...	5.116	6.7	ng	337308	1	6.904	1003880	20.0
Benzophenone	10.651	3.8	ng	254464	3	9.939	1340080	20.0
n-Hexadecanoic ...	11.951	8.0	ng	574087	4	11.427	1431910	20.0
4H-Cyclopenta[d...	12.039	3.6	ng	259914	4	11.427	1431910	20.0
Fluoranthene, 2...	13.192	2.6	ng	186144	5	14.068	1439230	20.0
Heptafluorobuty...	13.910	3.7	ng	264685	5	14.068	1439230	20.0

Raw Data: **BF142408.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-5	SDG No.:	Q1982
Lab Sample ID:	Q1982-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142408.D	1	05/12/25 09:38	05/15/25 23:01	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	370	ug/Kg
108-95-2	Phenol	24.6	U	24.6	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	27.0	U	27.0	190	ug/Kg
95-57-8	2-Chlorophenol	27.1	U	27.1	190	ug/Kg
95-48-7	2-Methylphenol	33.2	U	33.2	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41.7	U	41.7	190	ug/Kg
98-86-2	Acetophenone	32.8	U	32.8	190	ug/Kg
65794-96-9	3+4-Methylphenols	45.7	U	45.7	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.7	U	52.7	89.0	ug/Kg
67-72-1	Hexachloroethane	19.6	U	19.6	190	ug/Kg
98-95-3	Nitrobenzene	20.3	U	20.3	190	ug/Kg
78-59-1	Isophorone	36.5	U	36.5	190	ug/Kg
88-75-5	2-Nitrophenol	64.7	U	64.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	72.1	U	72.1	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	34.2	U	34.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	31.5	U	31.5	190	ug/Kg
91-20-3	Naphthalene	25.2	U	25.2	190	ug/Kg
106-47-8	4-Chloroaniline	39.4	U	39.4	190	ug/Kg
87-68-3	Hexachlorobutadiene	28.1	U	28.1	190	ug/Kg
105-60-2	Caprolactam	57.9	U	57.9	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31.9	U	31.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	28.5	U	28.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	22.0	U	22.0	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	32.4	U	32.4	190	ug/Kg
92-52-4	1,1-Biphenyl	24.2	U	24.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	25.0	U	25.0	190	ug/Kg
88-74-4	2-Nitroaniline	53.5	U	53.5	190	ug/Kg
131-11-3	Dimethylphthalate	30.1	U	30.1	190	ug/Kg

Raw Data: **BF142408.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-5	SDG No.:	Q1982
Lab Sample ID:	Q1982-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142408.D	1	05/12/25 09:38	05/15/25 23:01	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	32.1	U	32.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	37.4	U	37.4	190	ug/Kg
99-09-2	3-Nitroaniline	51.2	U	51.2	190	ug/Kg
83-32-9	Acenaphthene	23.7	U	23.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	370	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	370	ug/Kg
132-64-9	Dibenzofuran	25.2	U	25.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.7	UQ	55.7	190	ug/Kg
84-66-2	Diethylphthalate	31.5	U	31.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29.7	U	29.7	190	ug/Kg
86-73-7	Fluorene	28.1	U	28.1	190	ug/Kg
100-01-6	4-Nitroaniline	71.4	UQ	71.4	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	36.6	U	36.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30.9	U	30.9	190	ug/Kg
118-74-1	Hexachlorobenzene	28.1	U	28.1	190	ug/Kg
1912-24-9	Atrazine	37.8	U	37.8	190	ug/Kg
87-86-5	Pentachlorophenol	57.0	UQ	57.0	370	ug/Kg
85-01-8	Phenanthrene	23.2	U	23.2	190	ug/Kg
120-12-7	Anthracene	37.0	U	37.0	190	ug/Kg
86-74-8	Carbazole	34.7	U	34.7	190	ug/Kg
84-74-2	Di-n-butylphthalate	53.3	U	53.3	190	ug/Kg
206-44-0	Fluoranthene	33.4	U	33.4	190	ug/Kg
129-00-0	Pyrene	40.0	U	40.0	190	ug/Kg
85-68-7	Butylbenzylphthalate	79.4	U	79.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40.8	U	40.8	370	ug/Kg
56-55-3	Benzo(a)anthracene	25.6	U	25.6	190	ug/Kg
218-01-9	Chrysene	22.1	U	22.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.8	U	65.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	96.5	U	96.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	21.1	U	21.1	190	ug/Kg

Raw Data: **BF142408.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-5	SDG No.:	Q1982
Lab Sample ID:	Q1982-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142408.D	1	05/12/25 09:38	05/15/25 23:01	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	24.9	U	24.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	32.8	U	32.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32.4	U	32.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30.5	U	30.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28.6	U	28.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28.5	U	28.5	190	ug/Kg
123-91-1	1,4-Dioxane	50.3	U	50.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	30.5	U	30.5	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	79.9		18 - 112	53%	SPK: 150
13127-88-3	Phenol-d6	80.6		15 - 107	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	54.7		18 - 107	55%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.1		20 - 109	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	81.5		10 - 116	54%	SPK: 150
1718-51-0	Terphenyl-d14	39.2		10 - 105	39%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	157000	6.898			
1146-65-2	Naphthalene-d8	595000	8.181			
15067-26-2	Acenaphthene-d10	309000	9.939			
1517-22-2	Phenanthrene-d10	472000	11.422			
1719-03-5	Chrysene-d12	353000	14.063			
1520-96-3	Perylene-d12	255000	15.551			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	240	AB		5.12	ug/Kg
000119-61-9	Benzophenone	97.9	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	190	J		11.9	ug/Kg
300574-36-1	5-Bromo-4-oxo-4,5,6,7-tetrahydrobe	490	J		13.8	ug/Kg
006222-03-3	Trifluoroacetoxy hexadecane	120	J		13.9	ug/Kg

Raw Data: **BF142408.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-5	SDG No.:	Q1982
Lab Sample ID:	Q1982-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142408.D	1	05/12/25 09:38	05/15/25 23:01	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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\BF051525\
Data File : BF142408.D
Acq On : 15 May 2025 23:01
Operator : RC/JU
Sample : Q1982-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Time: May 16 01:10:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

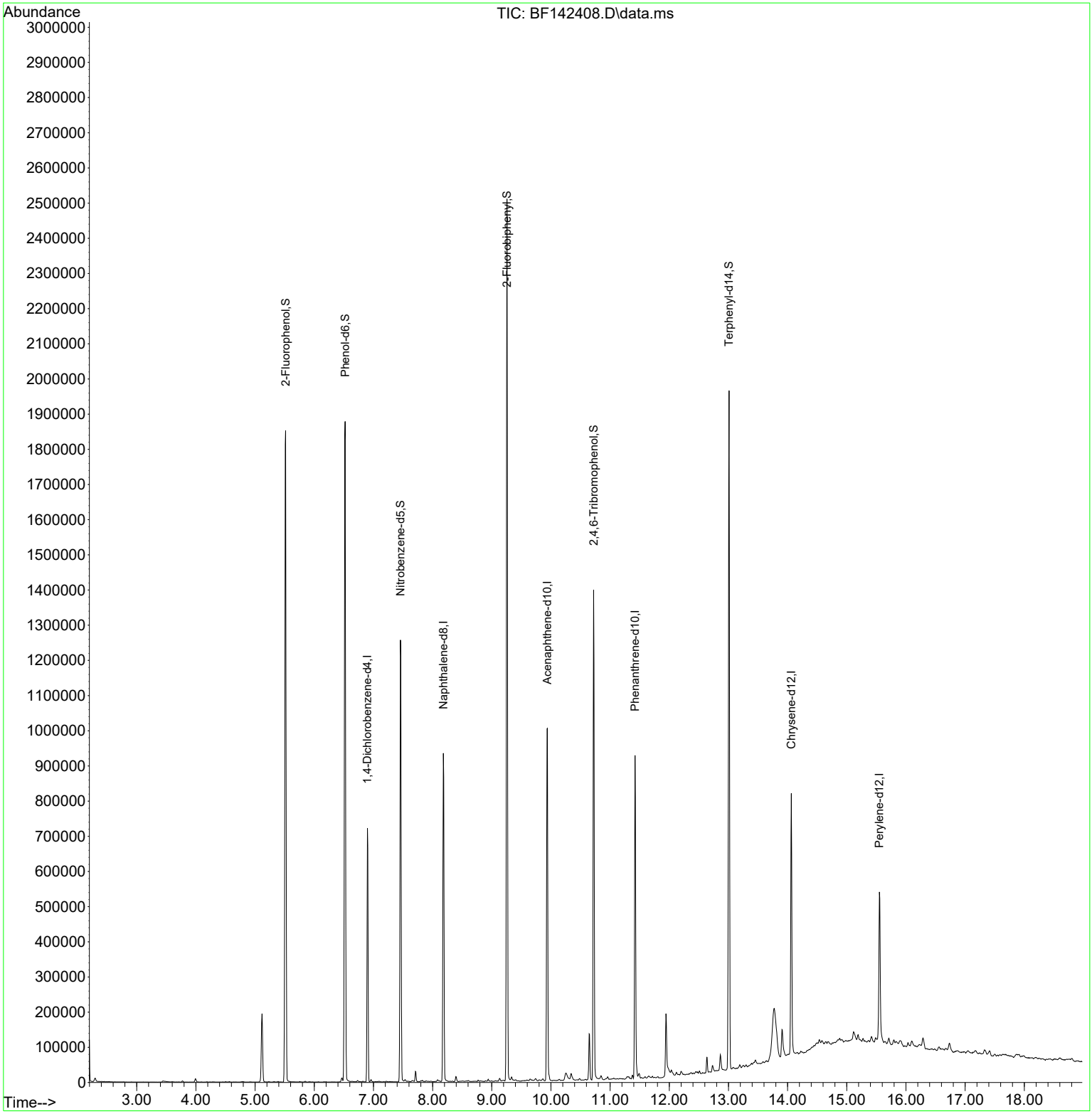
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	156800	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	595096	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	309030	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	471561	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	353038	20.000	ng	0.00
86) Perylene-d12	15.551	264	254978	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	734163	79.928	ng	0.00
7) Phenol-d6	6.522	99	910993	80.639	ng	0.00
23) Nitrobenzene-d5	7.457	82	533295	54.654	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	243192	81.509	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1106839	51.070	ng	0.00
79) Terphenyl-d14	13.010	244	935108	39.204	ng	0.00
Target Compounds						Qvalue

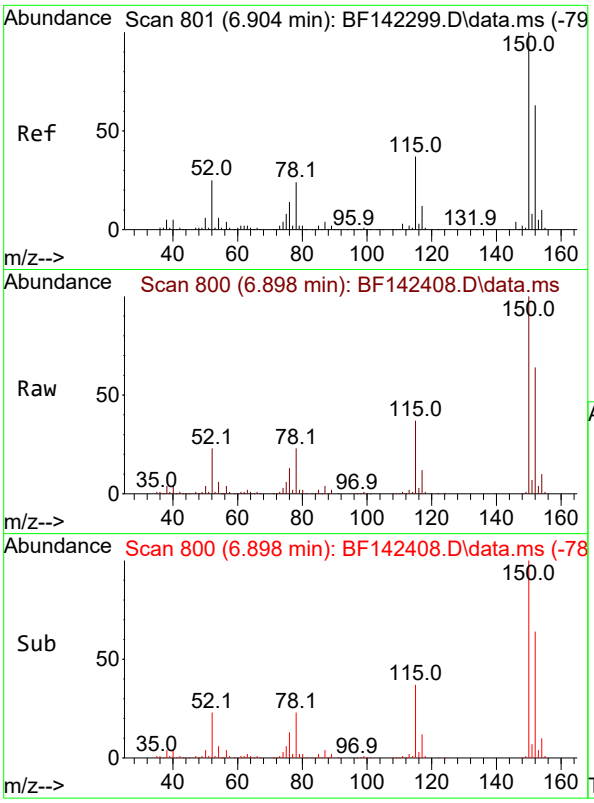
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142408.D
Acq On : 15 May 2025 23:01
Operator : RC/JU
Sample : Q1982-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Time: May 16 01:10:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



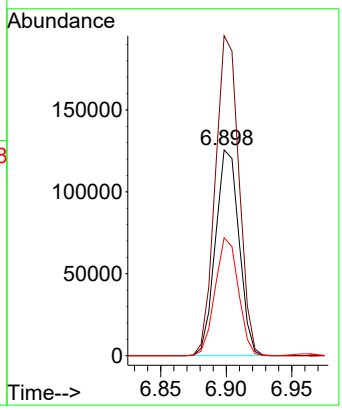


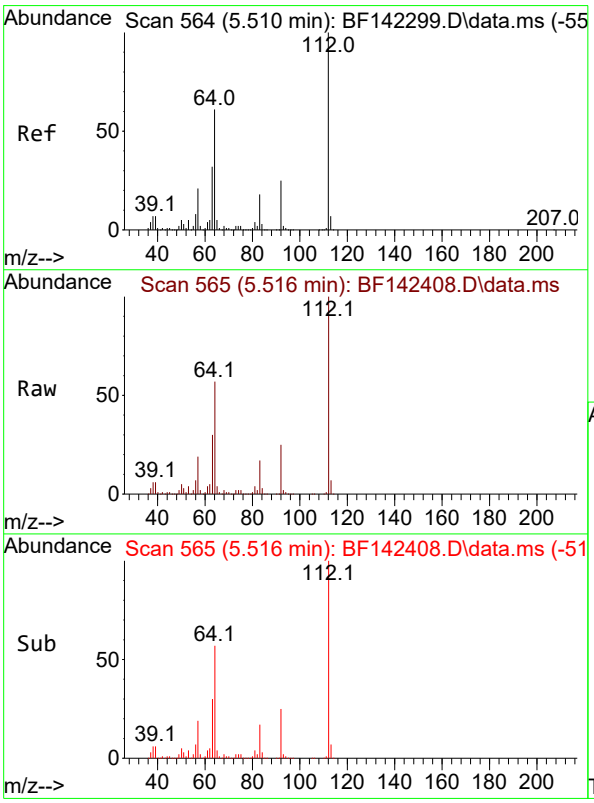
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 156800

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	190.0
115	57.3	47.3	70.9

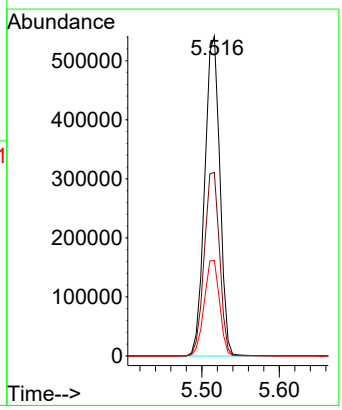


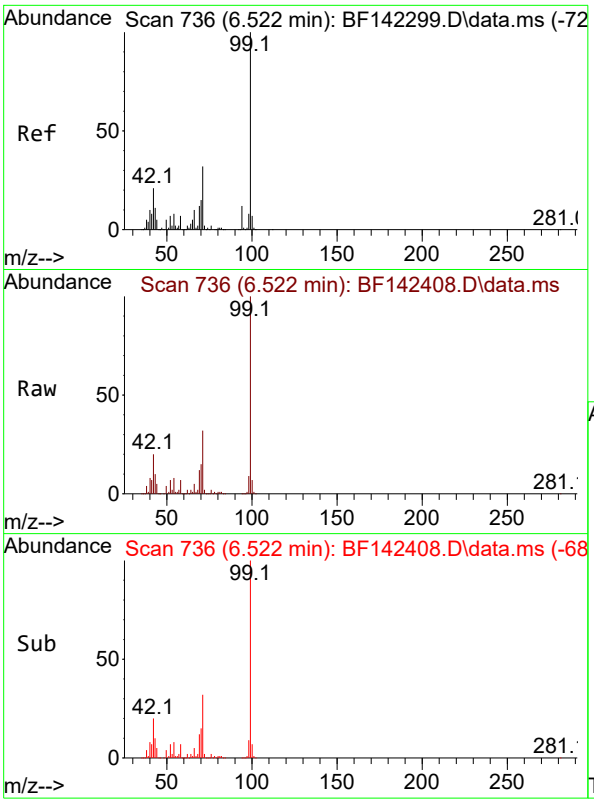


#5
2-Fluorophenol
Concen: 79.928 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

Tgt Ion:112 Resp: 734163

Ion	Ratio	Lower	Upper
112	100		
64	57.3	48.9	73.3
63	29.9	25.6	38.4



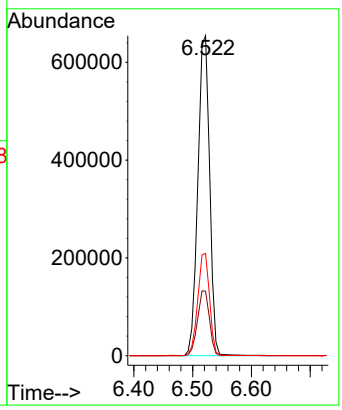


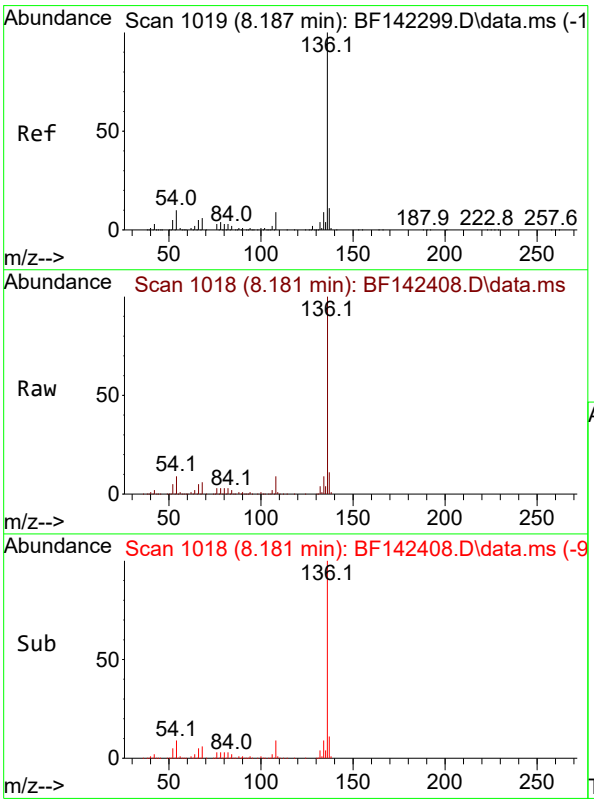
#7
Phenol-d6
Concen: 80.639 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 910993

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.0	25.4
71	32.0	25.8	38.8

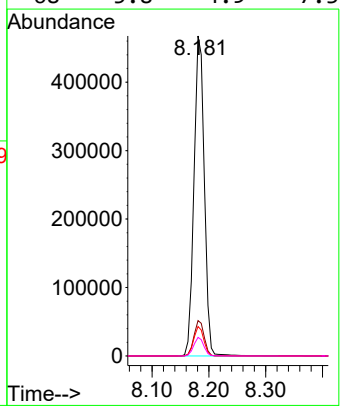


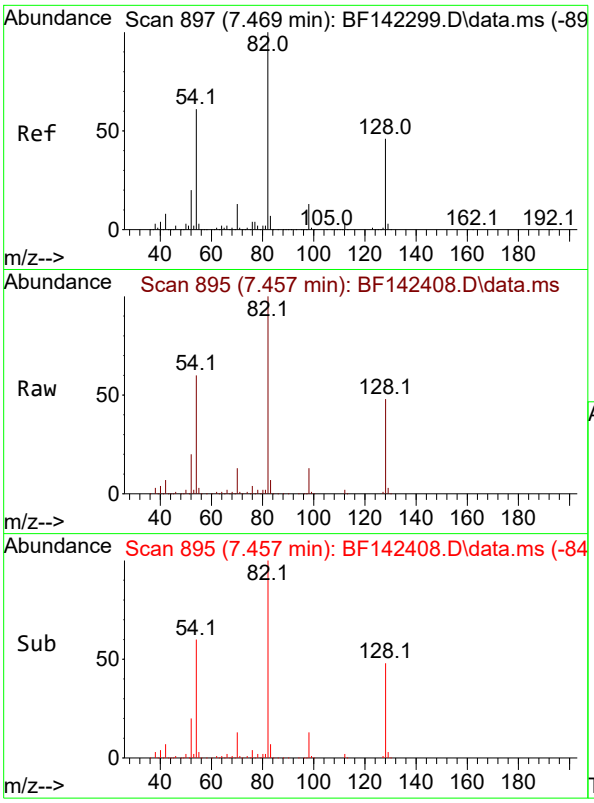


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

Tgt Ion:136 Resp: 595096

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.2	7.7	11.5
68	5.8	4.9	7.3



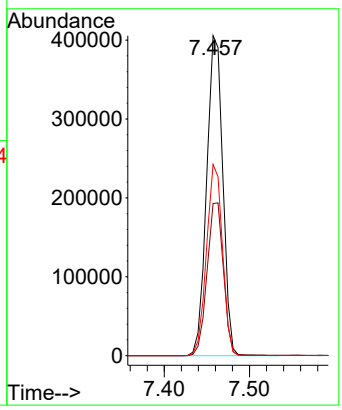


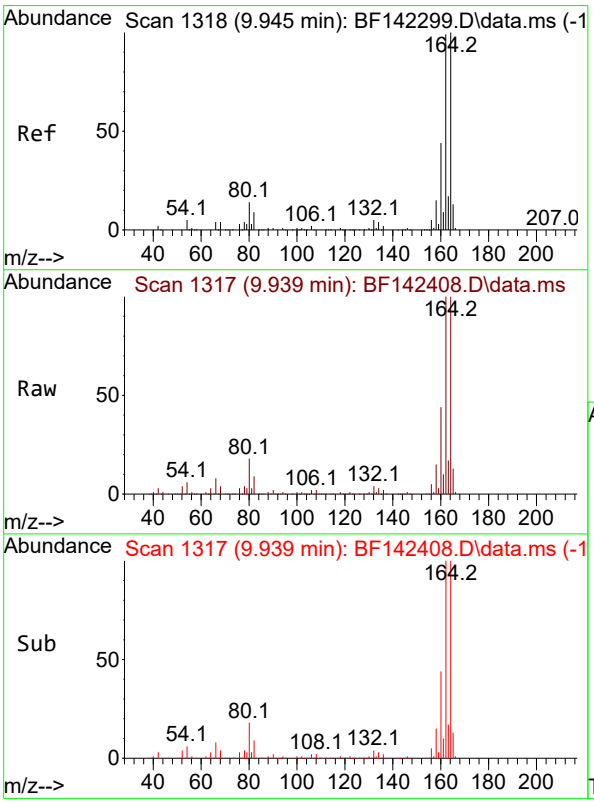
#23
Nitrobenzene-d5
Concen: 54.654 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 82 Resp: 533295

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.0	55.6
54	59.8	48.6	73.0

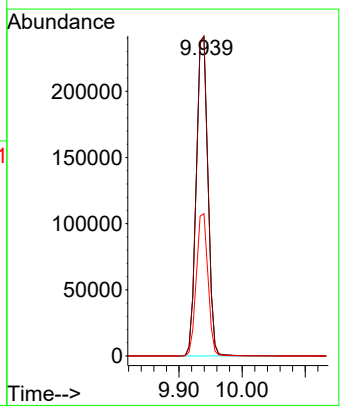


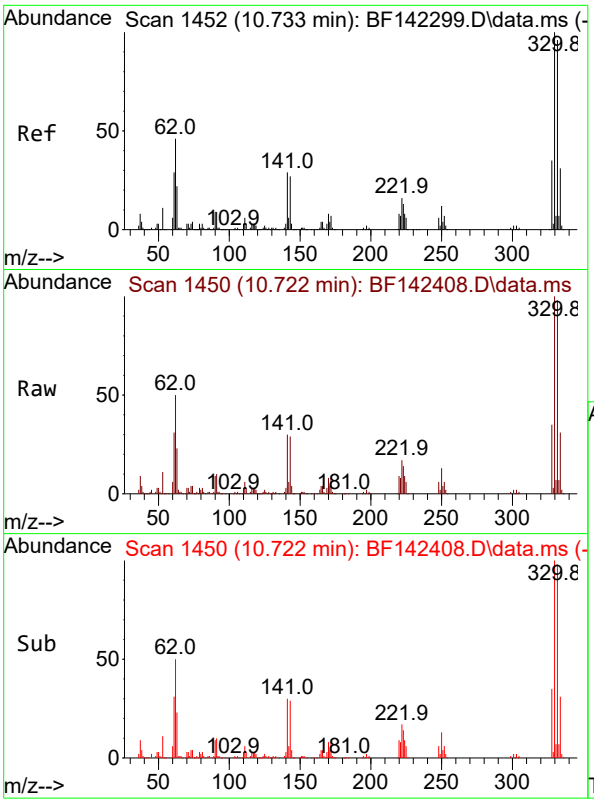


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

Tgt Ion:164 Resp: 309030

Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.2	118.8
160	44.6	35.3	52.9



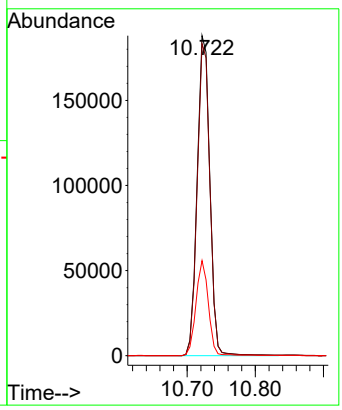


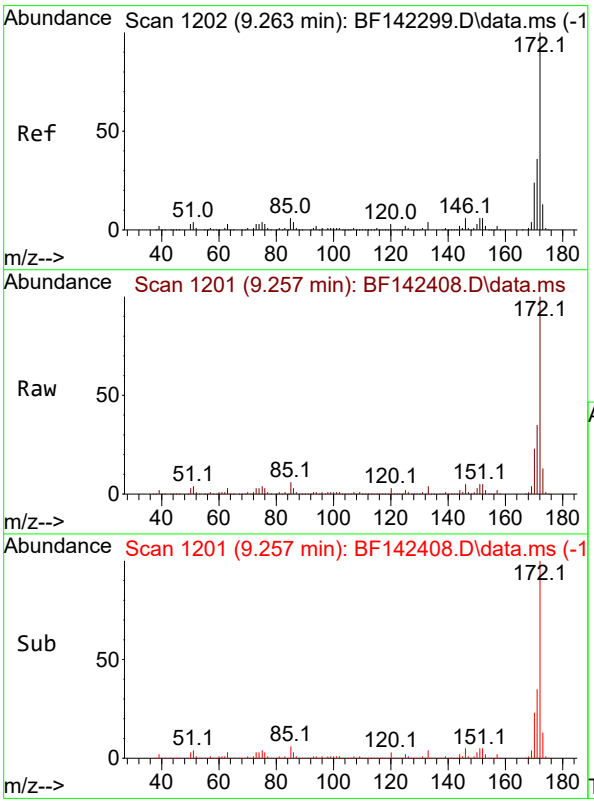
#42
2,4,6-Tribromophenol
Concen: 81.509 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:330 Resp: 243192

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.8	115.2
141	29.2	24.9	37.3

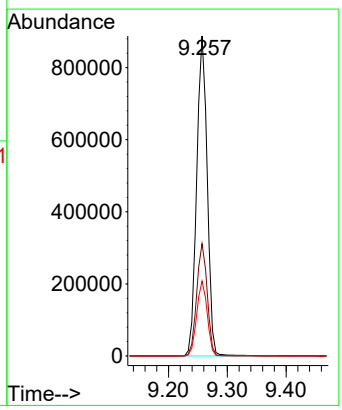


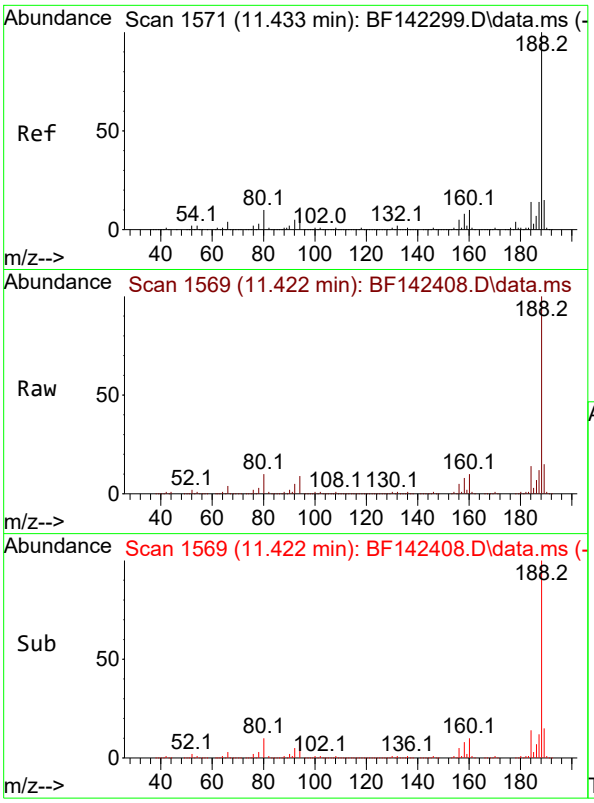


#45
2-Fluorobiphenyl
Concen: 51.070 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

Tgt Ion:172 Resp: 1106839

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.4	19.0	28.4



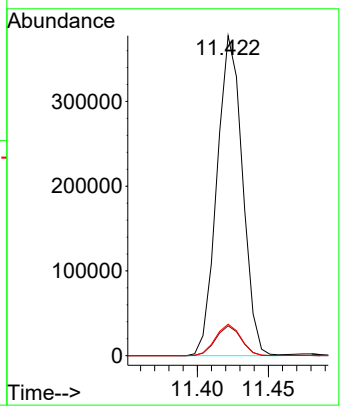


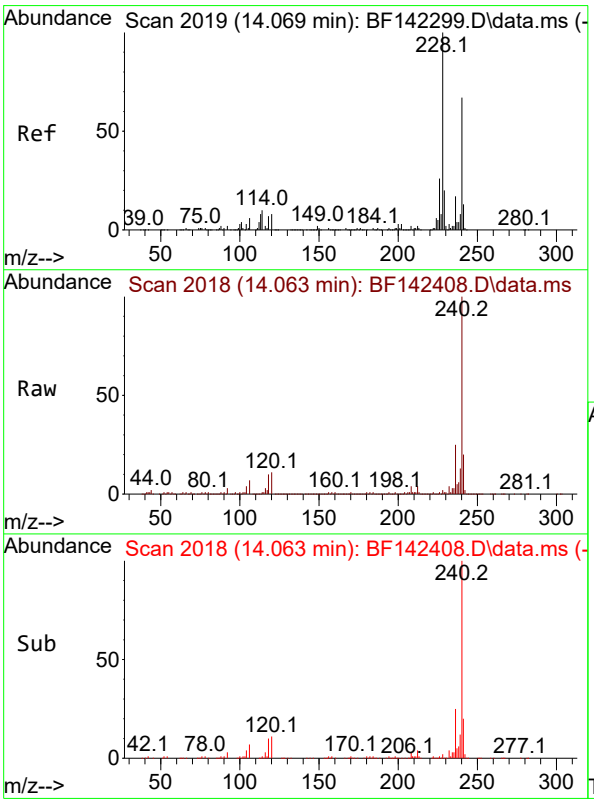
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:188 Resp: 471561

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	9.8	7.9	11.9

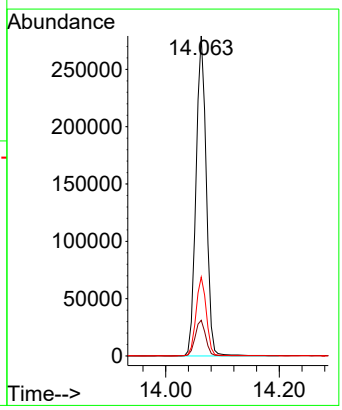


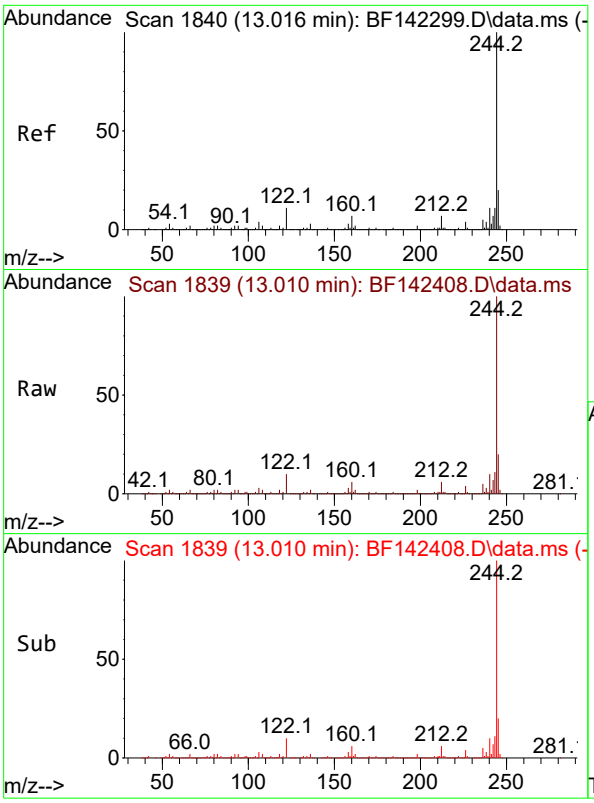


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

Tgt Ion:240 Resp: 353038

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.7	14.5
236	24.7	20.0	30.0



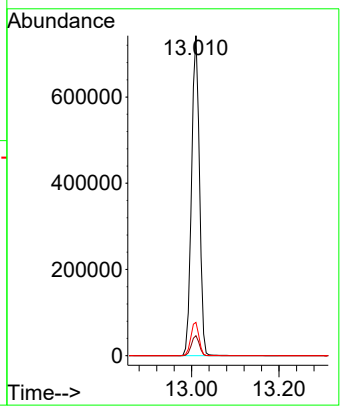


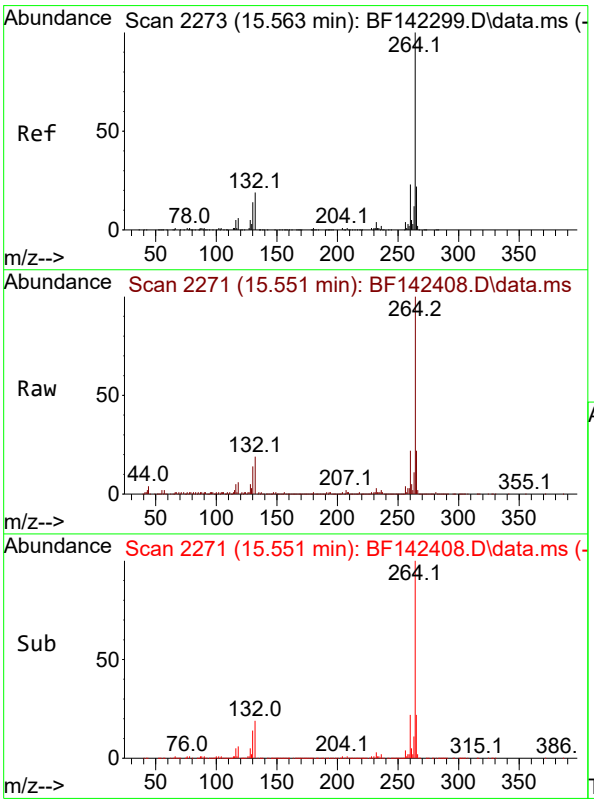
#79
Terphenyl-d14
Concen: 39.204 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:244 Resp: 935108

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.2
122	10.4	9.0	13.4

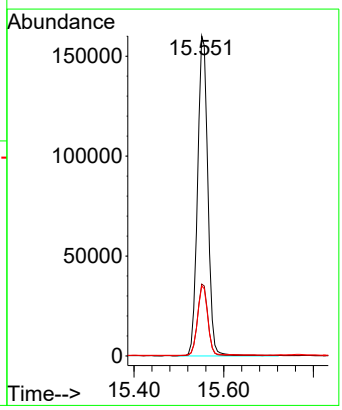




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

Tgt Ion:264 Resp: 254978

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	21.8	17.5	26.3



Sample Results: **BF142408.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142408.D
Acq On : 15 May 2025 23:01
Operator : RC/JU
Sample : Q1982-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142408.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	488	497	508	rBV	194432	290764	9.35%	1.308%
2	5.516	558	565	570	rBV	1851718	2535472	81.53%	11.403%
3	6.522	729	736	741	rBV	1873611	2604418	83.75%	11.713%
4	6.898	795	800	805	rBV	721398	890517	28.64%	4.005%
5	7.457	889	895	900	rBV	1255996	1652539	53.14%	7.432%
6	7.710	934	938	944	rVB	29006	36138	1.16%	0.163%
7	8.181	1013	1018	1035	rVB	933160	1182586	38.03%	5.318%
8	9.257	1195	1201	1206	rBV	2507656	3109853	100.00%	13.986%
9	9.939	1311	1317	1328	rBV	1001367	1308653	42.08%	5.885%
10	10.251	1362	1370	1381	rBV2	21068	69257	2.23%	0.311%
11	10.339	1381	1385	1397	rVB3	18761	38769	1.25%	0.174%
12	10.645	1432	1437	1445	rVB	131039	172991	5.56%	0.778%
13	10.722	1445	1450	1464	rBV	1392771	1774683	57.07%	7.981%
14	11.422	1564	1569	1577	rBV	918007	1182172	38.01%	5.317%
15	11.945	1653	1658	1670	rBV2	177707	302276	9.72%	1.359%
16	12.633	1771	1775	1780	rBV	44859	59696	1.92%	0.268%
17	12.733	1788	1792	1798	rBV6	18499	33342	1.07%	0.150%
18	12.863	1810	1814	1820	rBV	43693	64478	2.07%	0.290%
19	13.010	1833	1839	1844	rBV	1928713	2443036	78.56%	10.987%
20	13.774	1959	1969	1986	rVB7	137738	642137	20.65%	2.888%
21	13.904	1987	1991	2002	rBV	77313	154260	4.96%	0.694%
22	14.063	2013	2018	2030	rVB	739158	973350	31.30%	4.377%
23	15.551	2266	2271	2284	rVB	428011	714259	22.97%	3.212%

Sum of corrected areas: 22235646

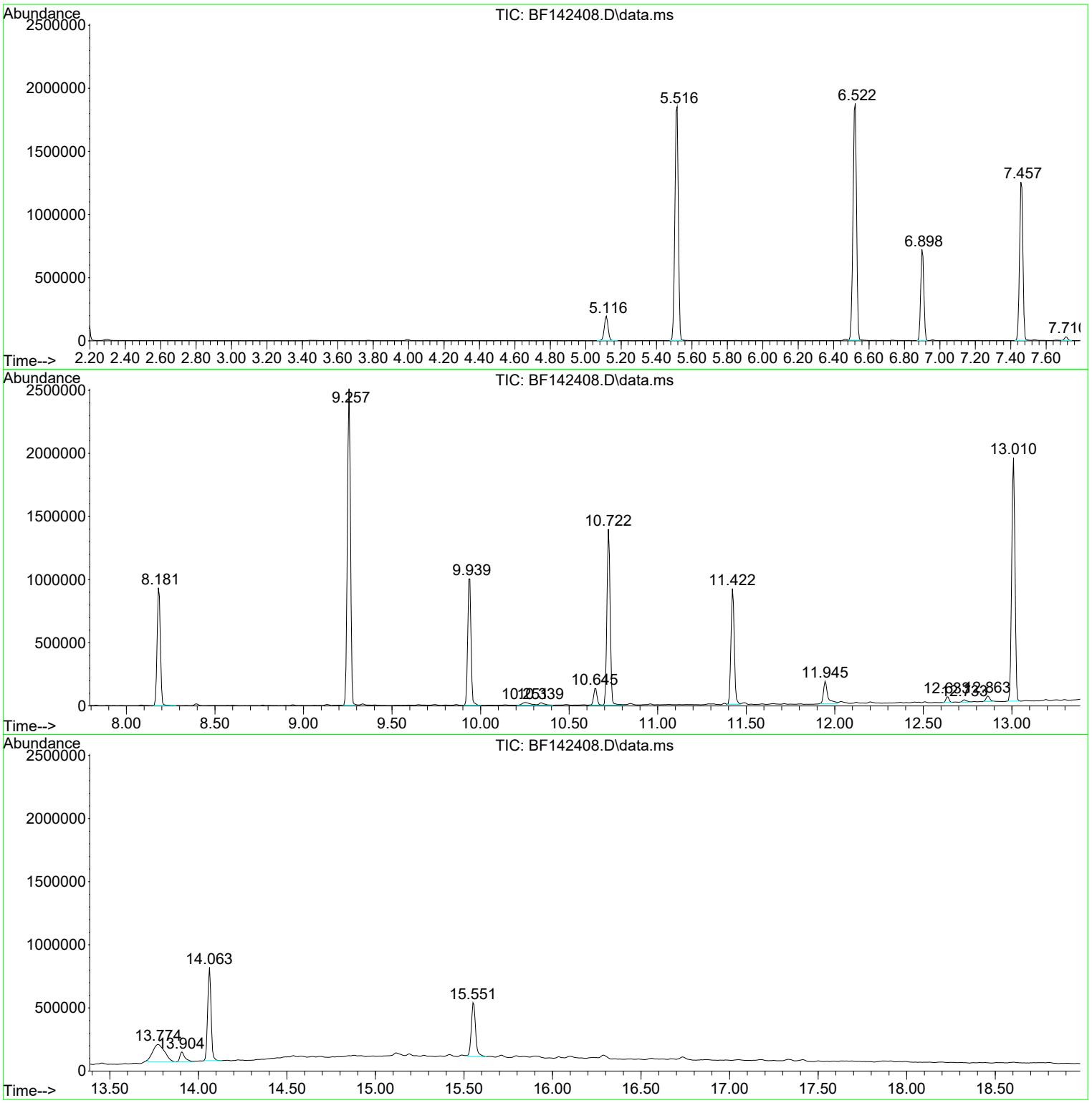
Sample Results: **BF142408.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142408.D
Acq On : 15 May 2025 23:01
Operator : RC/JU
Sample : Q1982-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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\BF051525\
Data File : BF142408.D
Acq On : 15 May 2025 23:01
Operator : RC/JU
Sample : Q1982-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

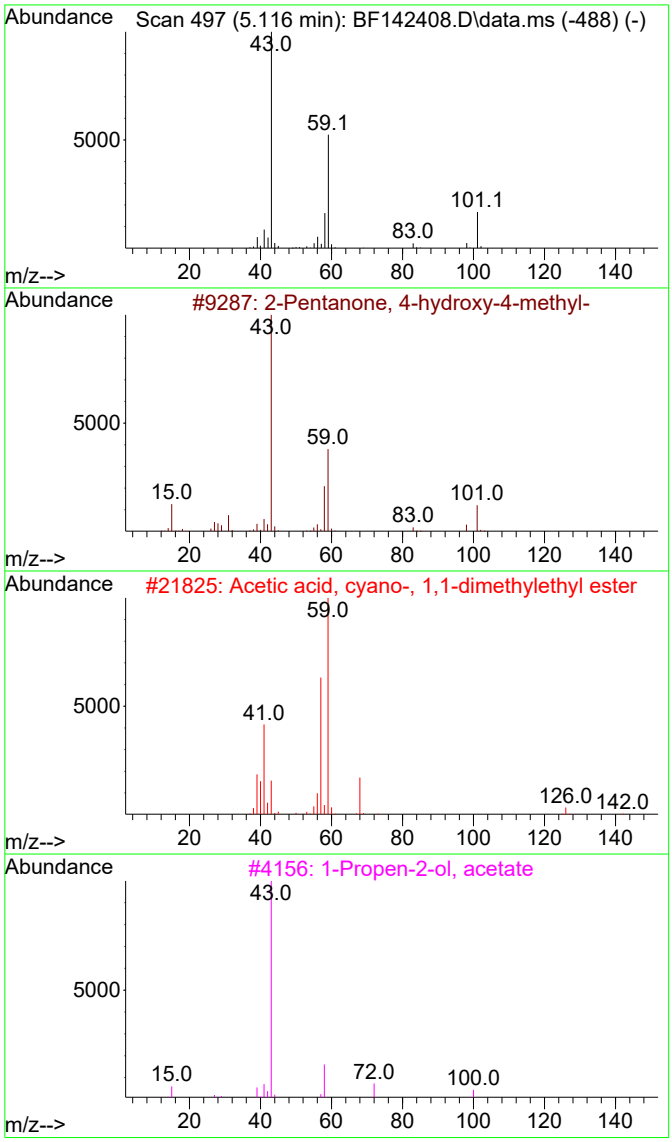
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

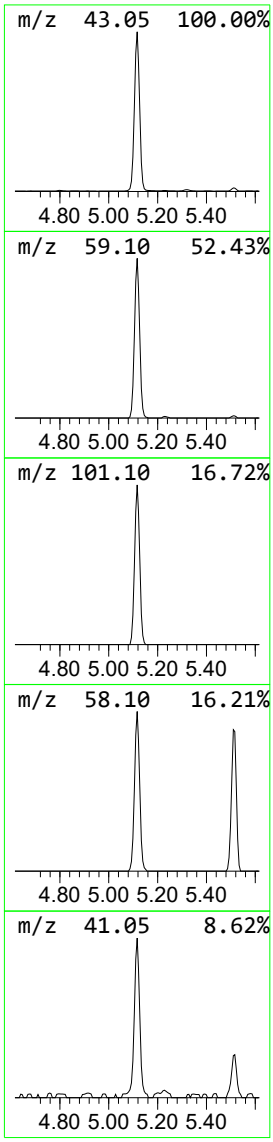
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	6.53 ng	290764	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142408.D
Acq On : 15 May 2025 23:01
Operator : RC/JU
Sample : Q1982-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

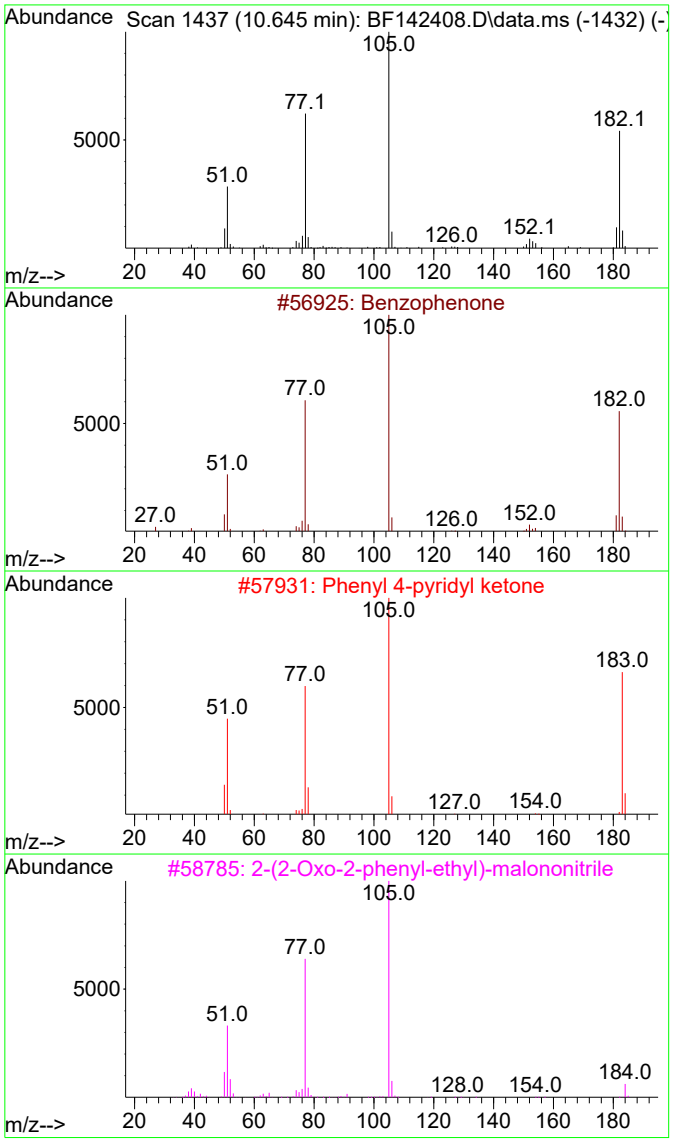
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

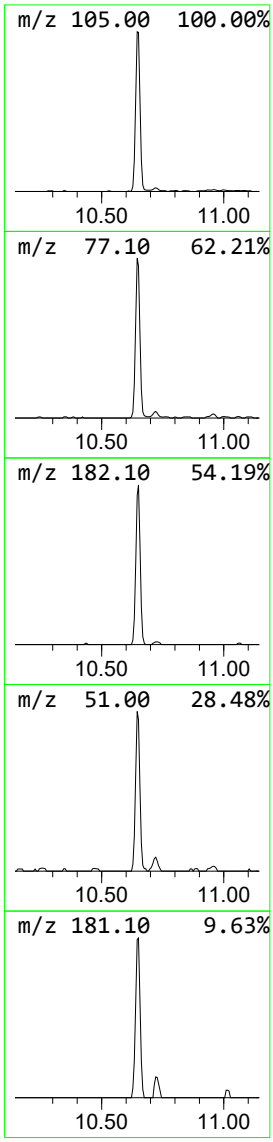
****

Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	2.64 ng	172991	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
4	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142408.D
Acq On : 15 May 2025 23:01
Operator : RC/JU
Sample : Q1982-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

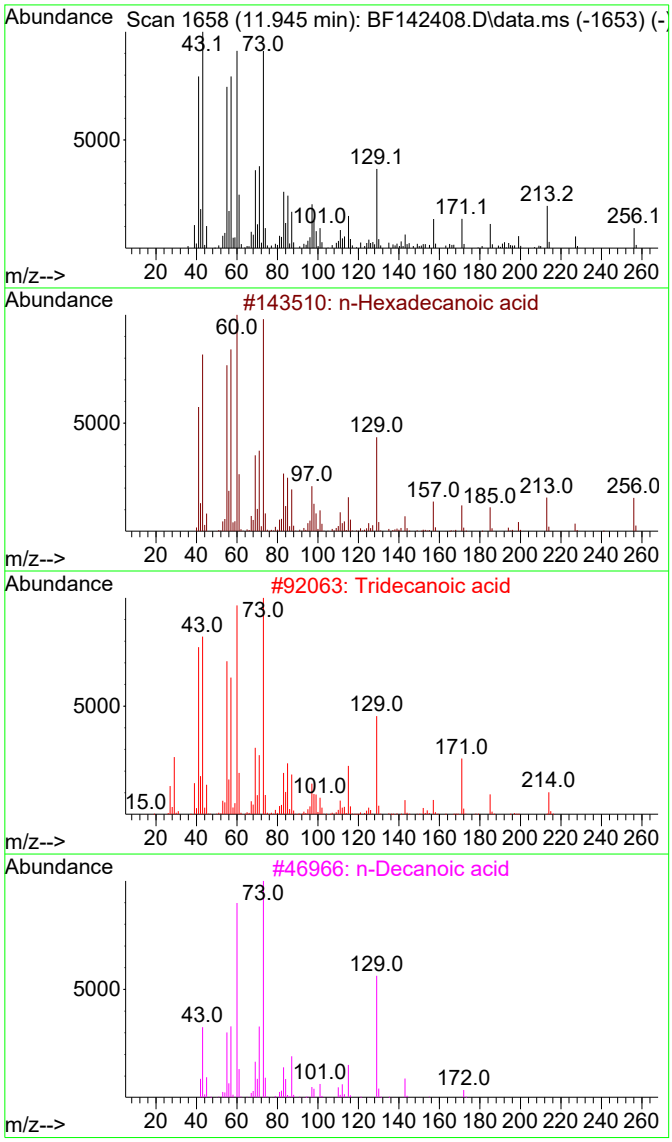
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TIC Integration Parameters: LSCINT.P

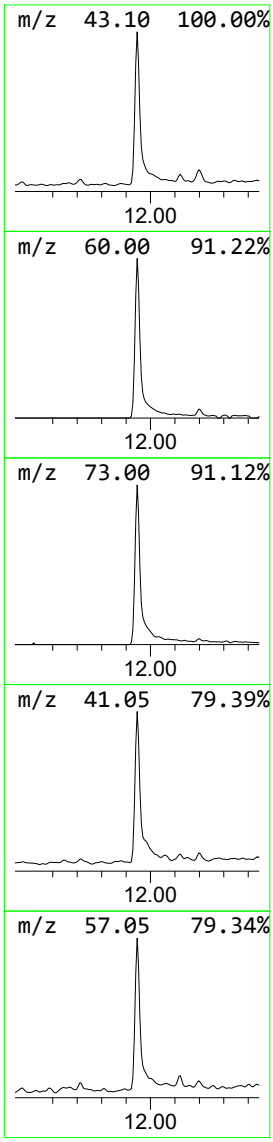
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.11 ng	302276	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	n-Decanoic acid	172	C10H20O2	000334-48-5	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Dodecanoic acid	200	C12H24O2	000143-07-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142408.D
Acq On : 15 May 2025 23:01
Operator : RC/JU
Sample : Q1982-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

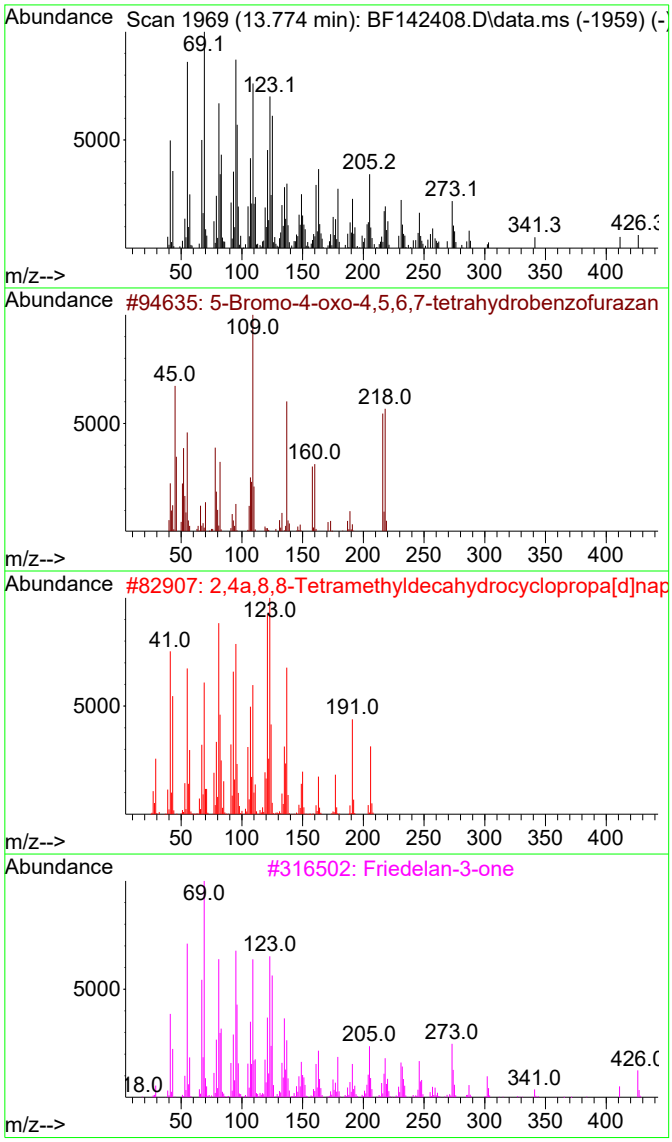
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

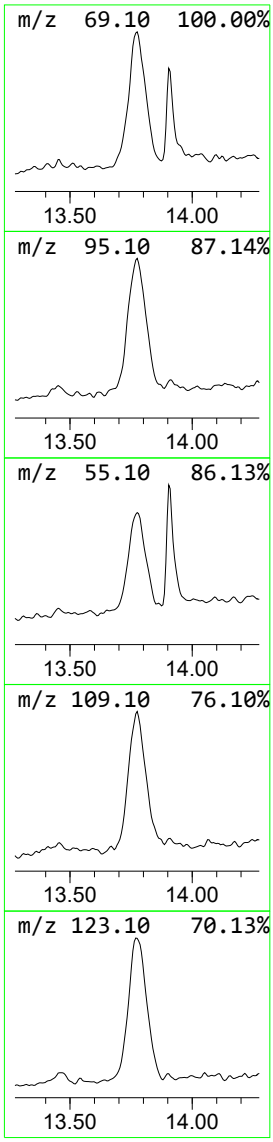
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	13.19 ng	642137	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	68
2	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	64
3	Friedelan-3-one	426	C30H50O	000559-74-0	62
4	(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	45
5	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142408.D
Acq On : 15 May 2025 23:01
Operator : RC/JU
Sample : Q1982-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

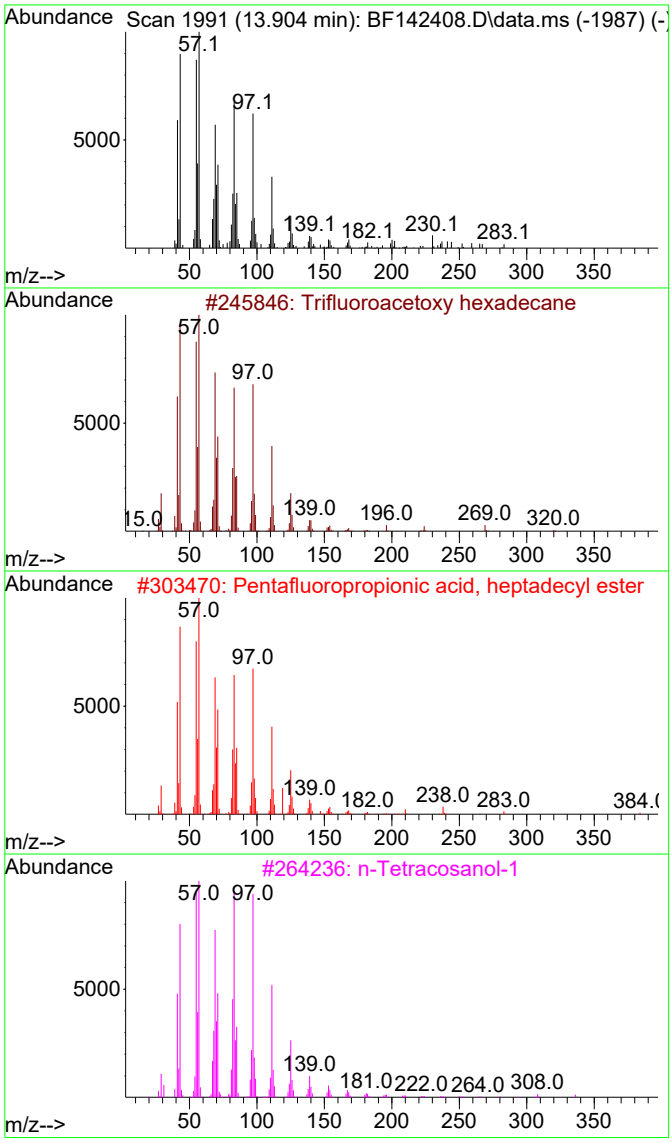
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

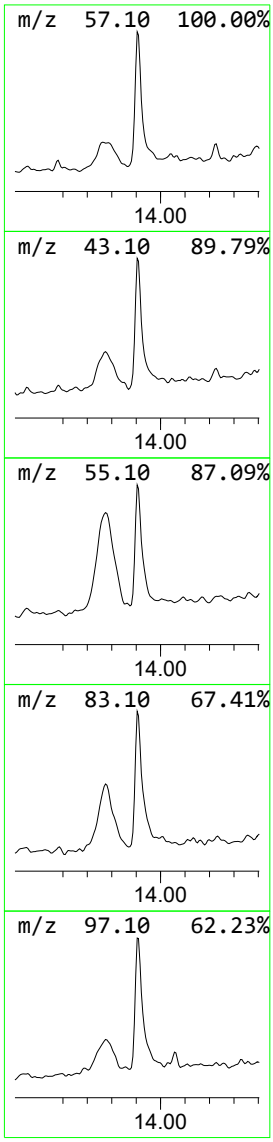
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.17 ng	154260	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	1-Octadecene	252	C18H36	000112-88-9	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Sample Results: **BF142408.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142408.D
Acq On : 15 May 2025 23:01
Operator : RC/JU
Sample : Q1982-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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-...	5.116	6.5	ng	290764	1	6.898	890517	20.0
Benzophenone	10.645	2.6	ng	172991	3	9.939	1308650	20.0
n-Hexadecanoic ...	11.945	5.1	ng	302276	4	11.422	1182170	20.0
5-Bromo-4-oxo-4...	13.774	13.2	ng	642137	5	14.063	973350	20.0
Trifluoroacetox...	13.904	3.2	ng	154260	5	14.063	973350	20.0

Raw Data: **BF142399.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-6	SDG No.:	Q1982
Lab Sample ID:	Q1982-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.2
Sample Wt/Vol:	30.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142399.D	1	05/12/25 09:38	05/15/25 18:40	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	380	ug/Kg
108-95-2	Phenol	25.6	U	25.6	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	28.1	U	28.1	200	ug/Kg
95-57-8	2-Chlorophenol	28.2	U	28.2	200	ug/Kg
95-48-7	2-Methylphenol	34.6	U	34.6	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43.4	U	43.4	200	ug/Kg
98-86-2	Acetophenone	34.2	U	34.2	200	ug/Kg
65794-96-9	3+4-Methylphenols	47.6	U	47.6	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.9	U	54.9	92.6	ug/Kg
67-72-1	Hexachloroethane	20.4	U	20.4	200	ug/Kg
98-95-3	Nitrobenzene	21.2	U	21.2	200	ug/Kg
78-59-1	Isophorone	38.0	U	38.0	200	ug/Kg
88-75-5	2-Nitrophenol	67.4	U	67.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	75.0	U	75.0	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	35.7	U	35.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	32.8	U	32.8	200	ug/Kg
91-20-3	Naphthalene	26.3	U	26.3	200	ug/Kg
106-47-8	4-Chloroaniline	41.0	U	41.0	200	ug/Kg
87-68-3	Hexachlorobutadiene	29.3	U	29.3	200	ug/Kg
105-60-2	Caprolactam	60.3	U	60.3	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33.2	U	33.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	29.6	U	29.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	22.9	U	22.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33.7	U	33.7	200	ug/Kg
92-52-4	1,1-Biphenyl	25.2	U	25.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	26.1	U	26.1	200	ug/Kg
88-74-4	2-Nitroaniline	55.7	U	55.7	200	ug/Kg
131-11-3	Dimethylphthalate	31.4	U	31.4	200	ug/Kg

Raw Data: **BF142399.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-6	SDG No.:	Q1982
Lab Sample ID:	Q1982-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.2
Sample Wt/Vol:	30.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142399.D	1	05/12/25 09:38	05/15/25 18:40	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	33.5	U	33.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	38.9	U	38.9	200	ug/Kg
99-09-2	3-Nitroaniline	53.3	U	53.3	200	ug/Kg
83-32-9	Acenaphthene	24.7	U	24.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	380	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	380	ug/Kg
132-64-9	Dibenzofuran	26.3	U	26.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.0	UQ	58.0	200	ug/Kg
84-66-2	Diethylphthalate	32.8	U	32.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30.9	U	30.9	200	ug/Kg
86-73-7	Fluorene	29.3	U	29.3	200	ug/Kg
100-01-6	4-Nitroaniline	74.3	UQ	74.3	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	38.1	U	38.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32.2	U	32.2	200	ug/Kg
118-74-1	Hexachlorobenzene	29.3	U	29.3	200	ug/Kg
1912-24-9	Atrazine	39.4	U	39.4	200	ug/Kg
87-86-5	Pentachlorophenol	59.4	UQ	59.4	380	ug/Kg
85-01-8	Phenanthrene	24.2	U	24.2	200	ug/Kg
120-12-7	Anthracene	38.6	U	38.6	200	ug/Kg
86-74-8	Carbazole	36.1	U	36.1	200	ug/Kg
84-74-2	Di-n-butylphthalate	55.5	U	55.5	200	ug/Kg
206-44-0	Fluoranthene	34.7	U	34.7	200	ug/Kg
129-00-0	Pyrene	41.7	U	41.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	82.7	U	82.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	42.5	U	42.5	380	ug/Kg
56-55-3	Benzo(a)anthracene	26.6	U	26.6	200	ug/Kg
218-01-9	Chrysene	23.0	U	23.0	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	68.5	U	68.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.0	U	22.0	200	ug/Kg

Raw Data: **BF142399.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-6	SDG No.:	Q1982
Lab Sample ID:	Q1982-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.2
Sample Wt/Vol:	30.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142399.D	1	05/12/25 09:38	05/15/25 18:40	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	25.9	U	25.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	34.2	U	34.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33.7	U	33.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31.7	U	31.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29.8	U	29.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29.6	U	29.6	200	ug/Kg
123-91-1	1,4-Dioxane	52.3	U	52.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	31.7	U	31.7	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	84.8		18 - 112	57%	SPK: 150
13127-88-3	Phenol-d6	84.2		15 - 107	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	58.5		18 - 107	59%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.8		20 - 109	52%	SPK: 100
118-79-6	2,4,6-Tribromophenol	94.6		10 - 116	63%	SPK: 150
1718-51-0	Terphenyl-d14	49.5		10 - 105	49%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	163000	6.898			
1146-65-2	Naphthalene-d8	622000	8.181			
15067-26-2	Acenaphthene-d10	335000	9.934			
1517-22-2	Phenanthrene-d10	592000	11.422			
1719-03-5	Chrysene-d12	358000	14.063			
1520-96-3	Perylene-d12	362000	15.551			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	AB		5.12	ug/Kg
000119-61-9	Benzophenone	130	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	230	J		11.9	ug/Kg
074022-04-1	2,4a,8,8-Tetramethyldecahydrocyclo	180	J		13.8	ug/Kg
006385-15-5	Heptafluorobutyric acid, hexadecyl	120	J		13.9	ug/Kg

Raw Data: **BF142399.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-6	SDG No.:	Q1982
Lab Sample ID:	Q1982-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.2
Sample Wt/Vol:	30.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142399.D	1	05/12/25 09:38	05/15/25 18:40	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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\BF051525\
Data File : BF142399.D
Acq On : 15 May 2025 18:40
Operator : RC/JU
Sample : Q1982-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Time: May 16 01:07:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

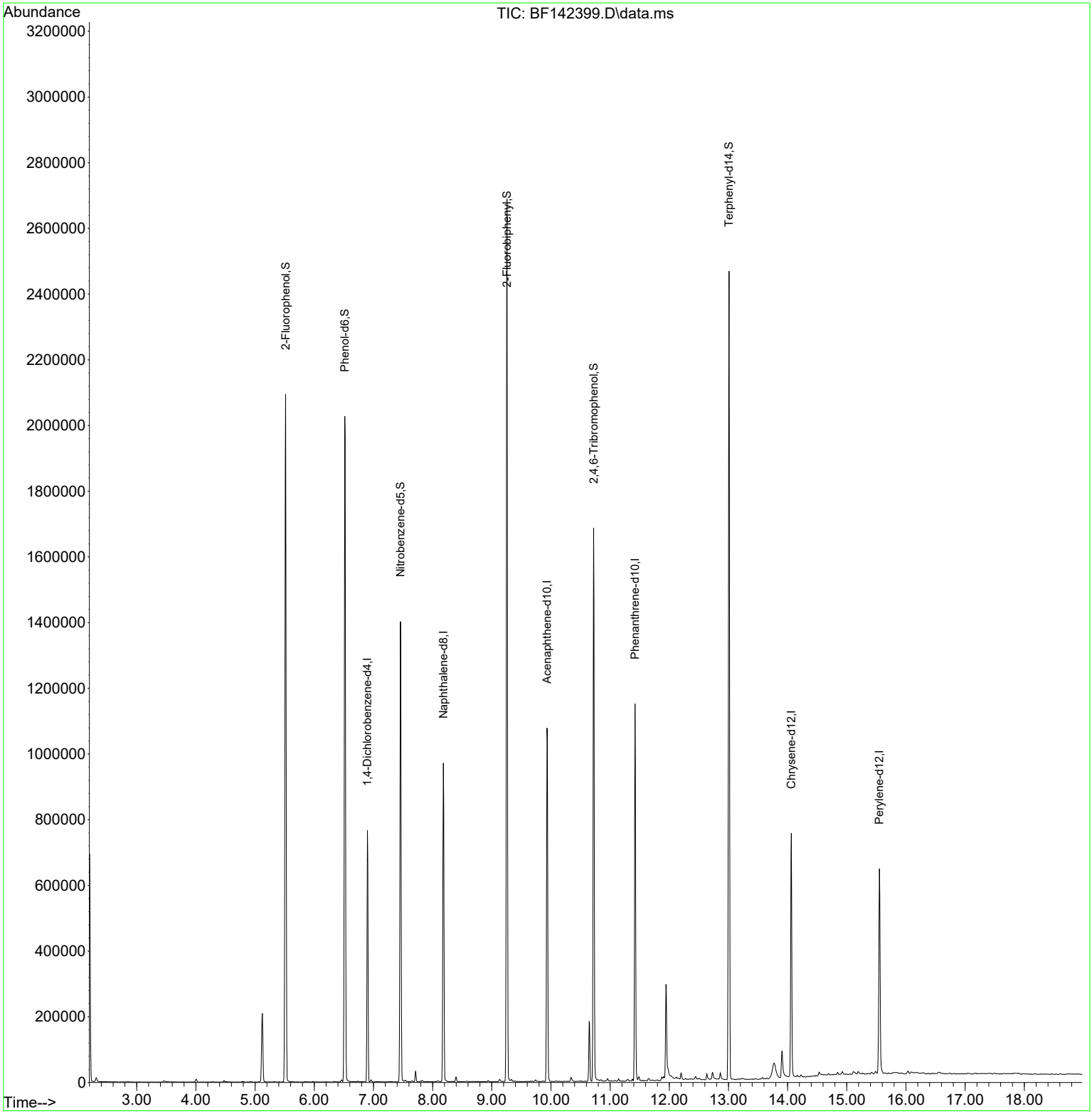
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	163201	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	621833	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	334642	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	592254	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	358051	20.000	ng	0.00
86) Perylene-d12	15.551	264	361581	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	810547	84.783	ng	0.00
7) Phenol-d6	6.516	99	989640	84.165	ng	0.00
23) Nitrobenzene-d5	7.457	82	596626	58.515	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	305587	94.582	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1216752	51.845	ng	0.00
79) Terphenyl-d14	13.010	244	1196724	49.470	ng	0.00
Target Compounds						Qvalue

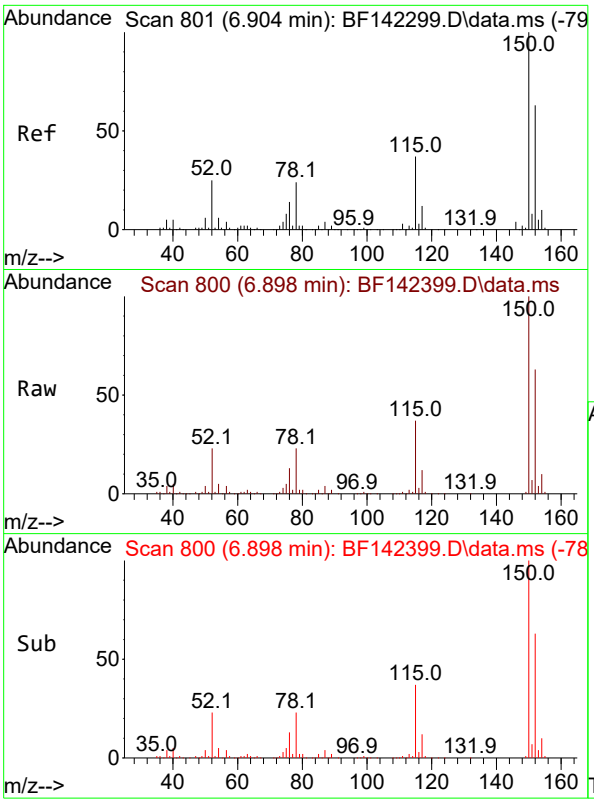
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142399.D
Acq On : 15 May 2025 18:40
Operator : RC/JU
Sample : Q1982-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Time: May 16 01:07:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



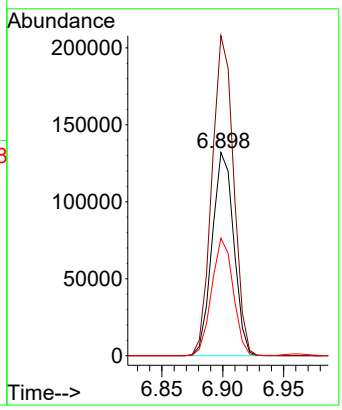


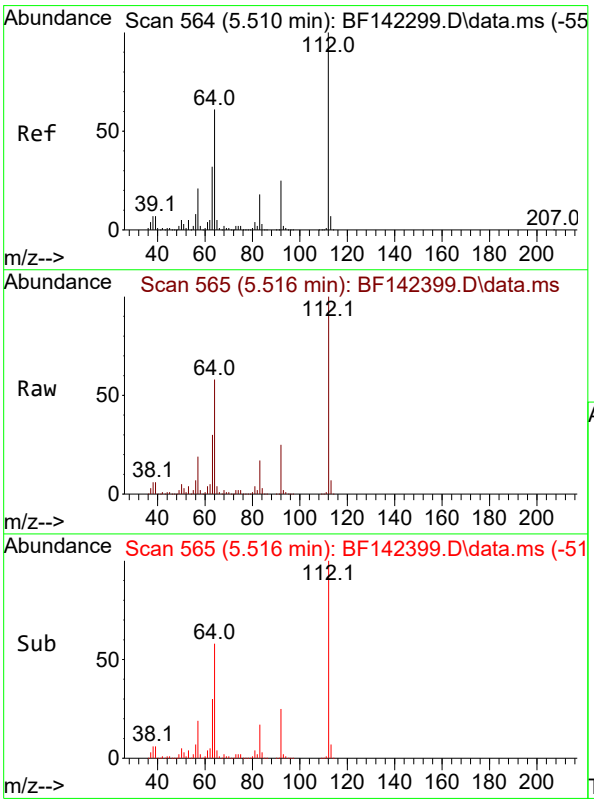
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:152 Resp: 163201

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.6	190.0
115	57.8	47.3	70.9

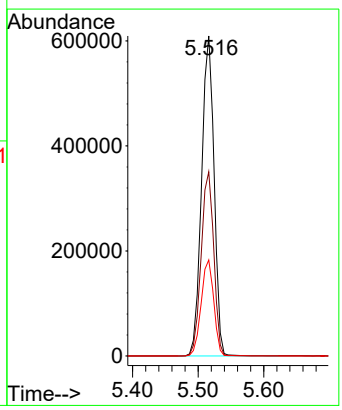


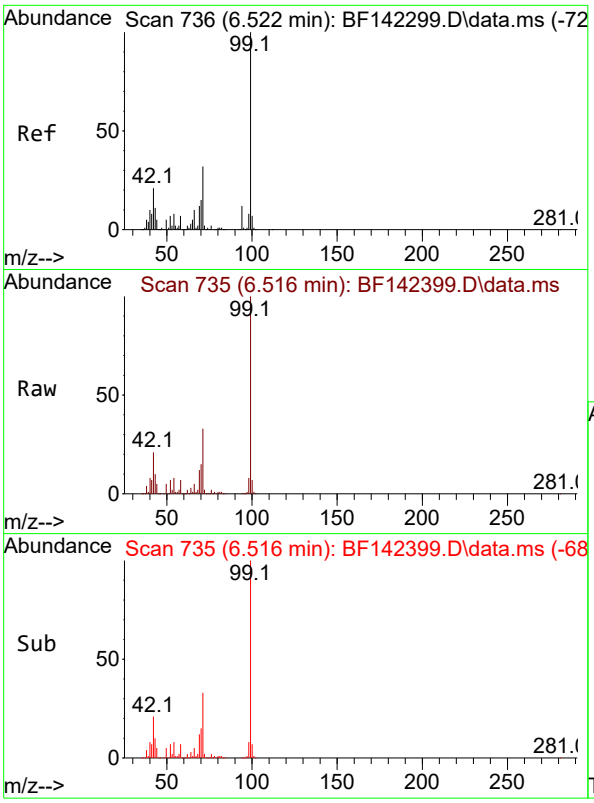


#5
2-Fluorophenol
Concen: 84.783 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

Tgt Ion:112 Resp: 810547

Ion	Ratio	Lower	Upper
112	100		
64	57.6	48.9	73.3
63	30.0	25.6	38.4



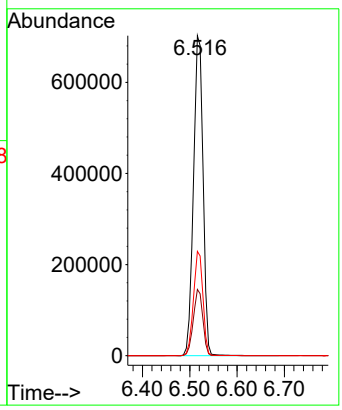


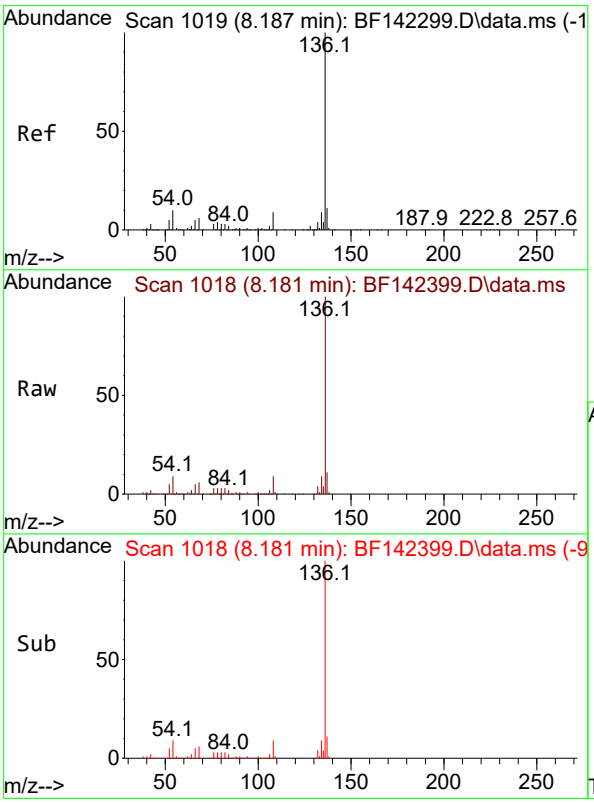
#7
Phenol-d6
Concen: 84.165 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion: 99 Resp: 989640

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.0	25.4
71	32.6	25.8	38.8

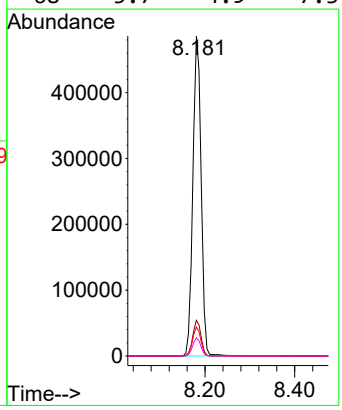


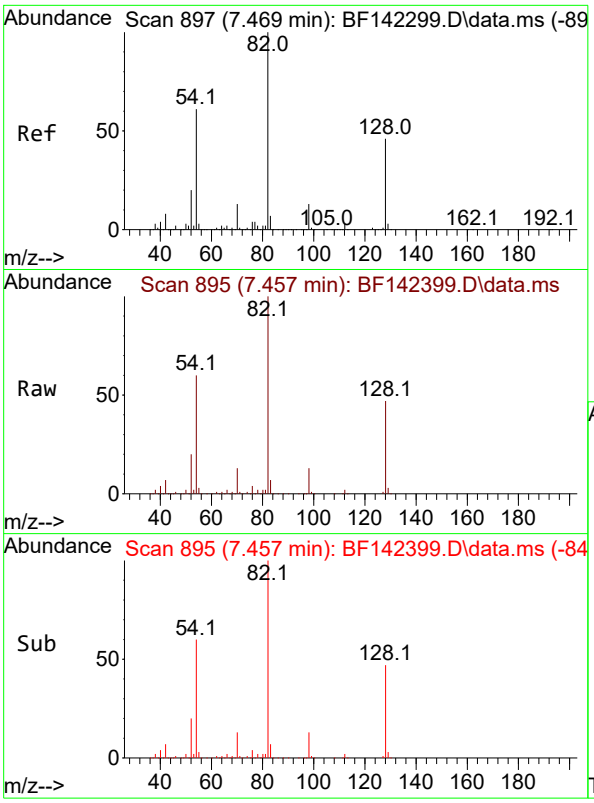


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

Tgt Ion:136 Resp: 621833

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.0	7.7	11.5
68	5.7	4.9	7.3



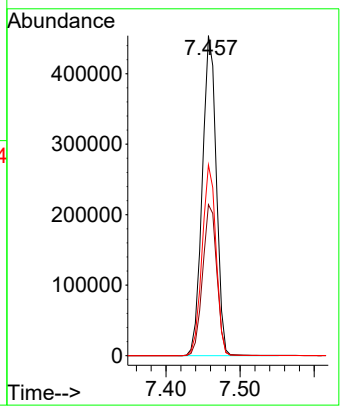


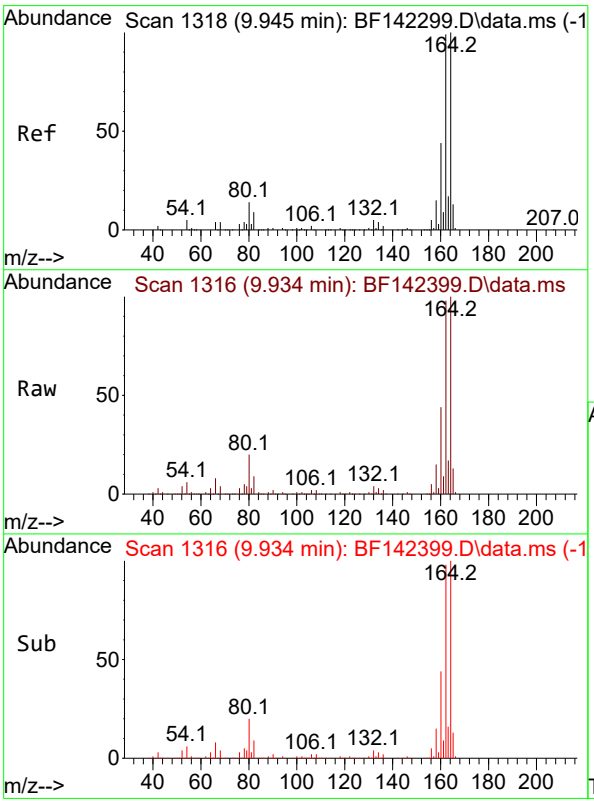
#23
Nitrobenzene-d5
Concen: 58.515 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion: 82 Resp: 596626

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.0	55.6
54	59.6	48.6	73.0

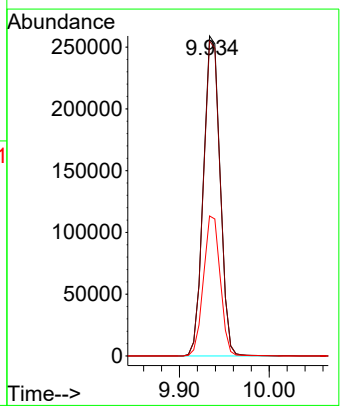


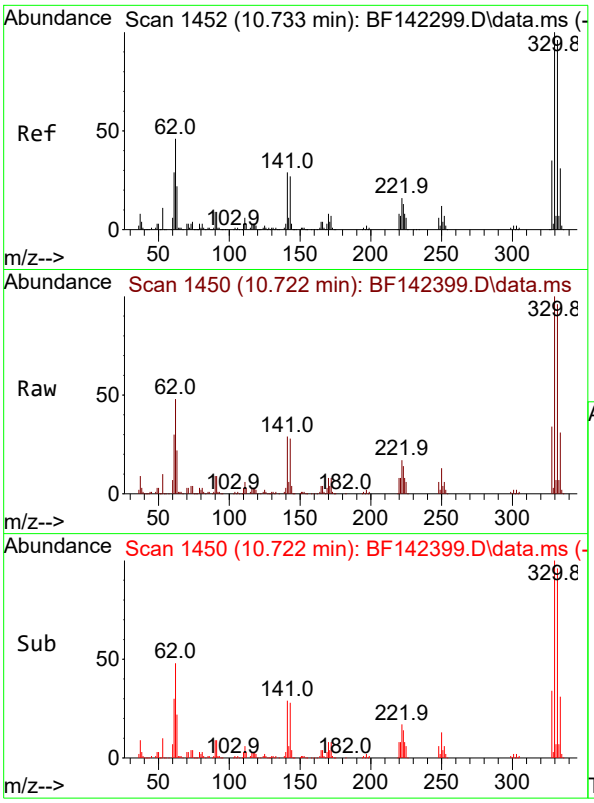


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.011 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

Tgt Ion:164 Resp: 334642

Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.2	118.8
160	43.8	35.3	52.9



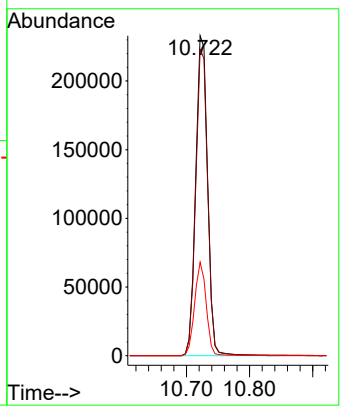


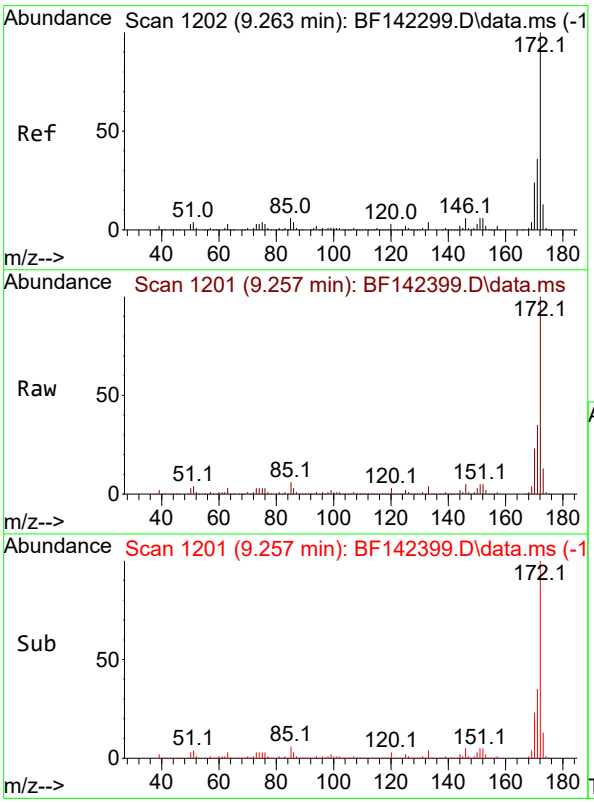
#42
2,4,6-Tribromophenol
Concen: 94.582 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:330 Resp: 305587

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	28.4	24.9	37.3

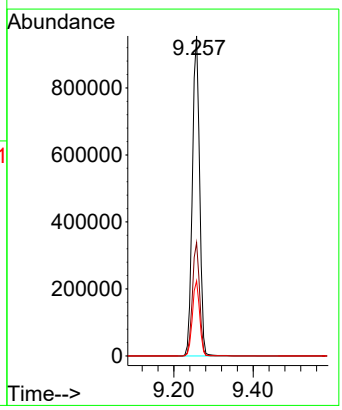


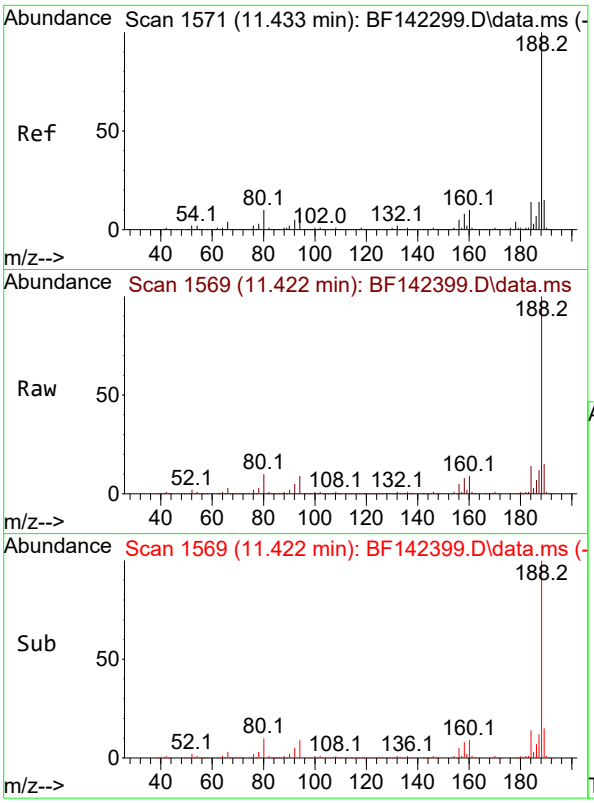


#45
2-Fluorobiphenyl
Concen: 51.845 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

Tgt Ion:172 Resp: 1216752

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.5	19.0	28.4



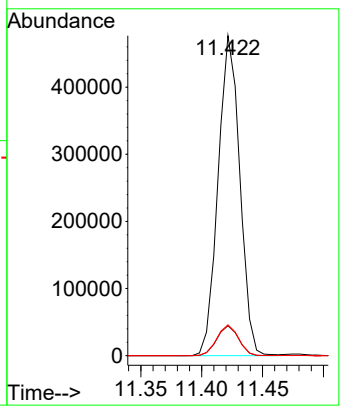


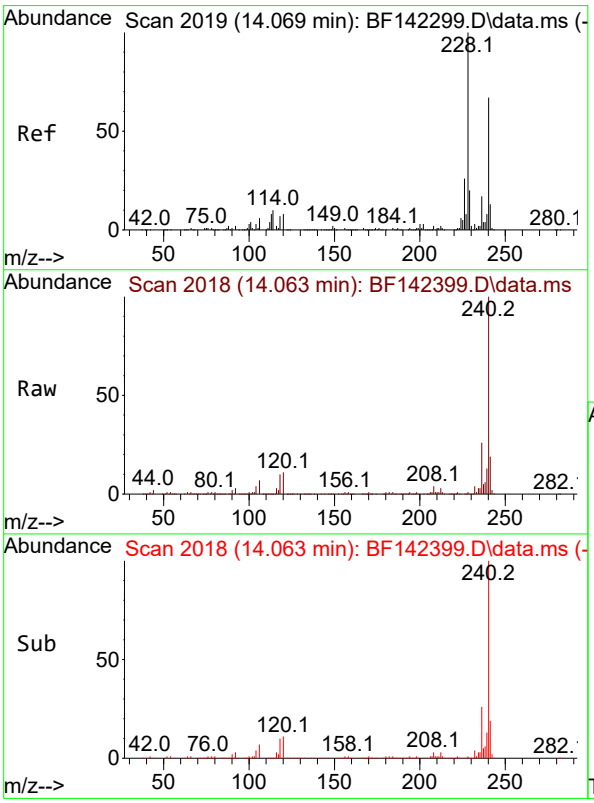
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:188 Resp: 592254

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	9.6	7.9	11.9

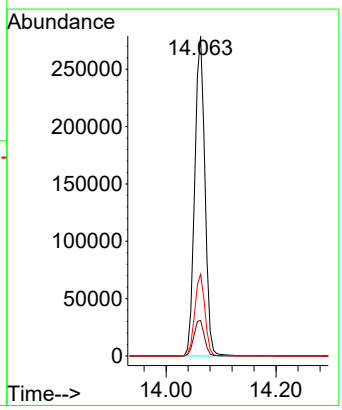


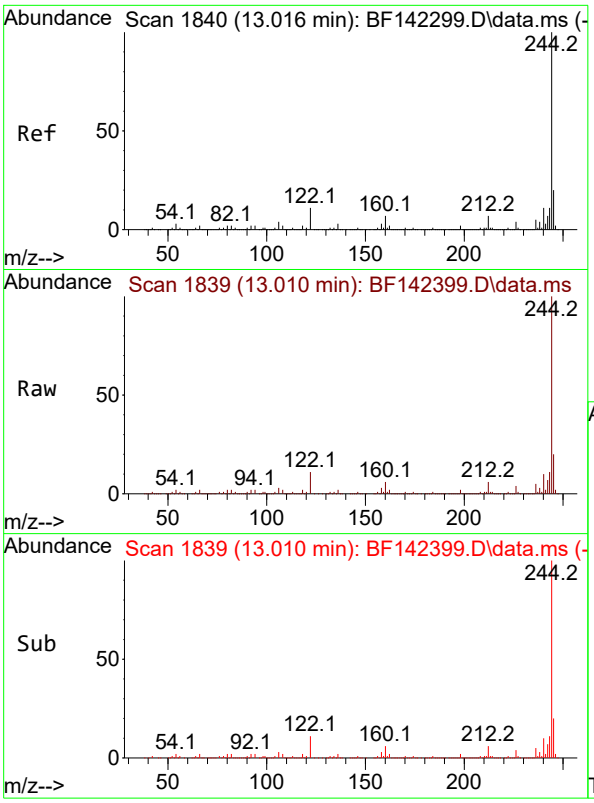


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

Tgt Ion:240 Resp: 358051

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.7	14.5
236	25.6	20.0	30.0



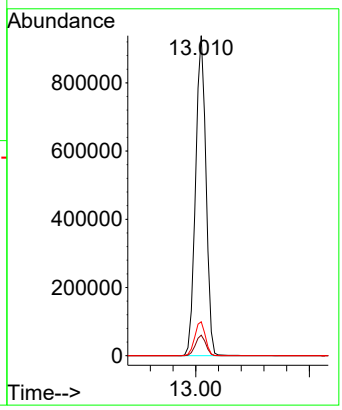


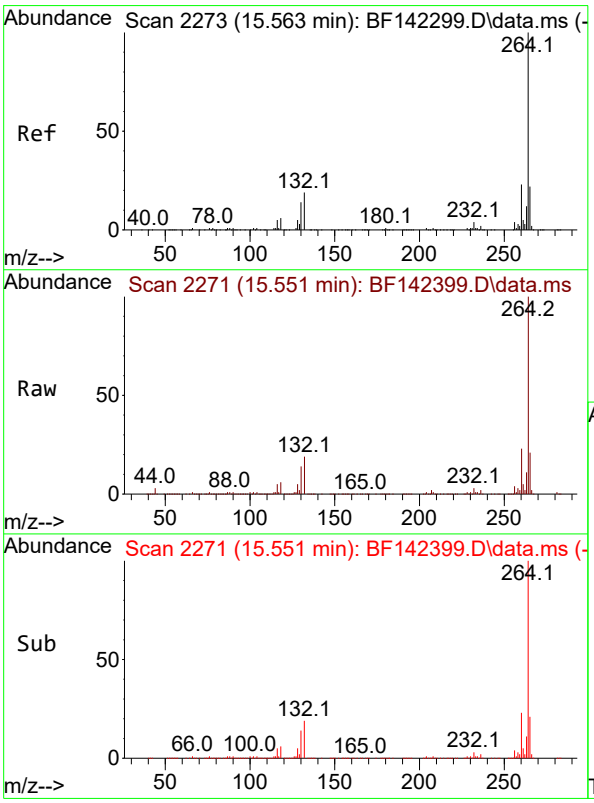
#79
Terphenyl-d14
Concen: 49.470 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:244 Resp: 1196724

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	10.6	9.0	13.4

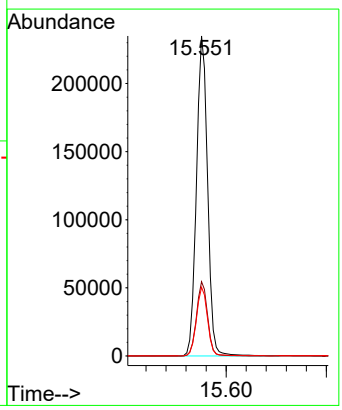




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

Tgt Ion:264 Resp: 361581

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.4	17.5	26.3



Sample Results: **BF142399.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142399.D
Acq On : 15 May 2025 18:40
Operator : RC/JU
Sample : Q1982-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142399.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.122	489	498	507	rVB	208656	315972	9.26%	1.286%
2	5.516	558	565	570	rBV	2092791	2790000	81.73%	11.357%
3	6.516	729	735	741	rBV	2025507	2854738	83.63%	11.620%
4	6.898	795	800	805	rBV	765173	940308	27.55%	3.827%
5	7.457	889	895	900	rBV	1401462	1837044	53.82%	7.478%
6	7.710	934	938	950	rVB	31545	41024	1.20%	0.167%
7	8.181	1012	1018	1024	rBV	970038	1226186	35.92%	4.991%
8	9.257	1195	1201	1206	rBV	2686263	3413562	100.00%	13.895%
9	9.934	1311	1316	1326	rBV	1075782	1387881	40.66%	5.649%
10	10.645	1432	1437	1445	rBV	181174	233675	6.85%	0.951%
11	10.722	1445	1450	1461	rBV	1683625	2162380	63.35%	8.802%
12	11.422	1564	1569	1576	rBV	1147505	1436800	42.09%	5.848%
13	11.945	1653	1658	1671	rBV2	284533	430550	12.61%	1.753%
14	12.733	1787	1792	1799	rBV2	19910	34374	1.01%	0.140%
15	13.010	1833	1839	1844	rBV	2461012	3146367	92.17%	12.807%
16	13.769	1953	1968	1986	rBV9	47471	225222	6.60%	0.917%
17	13.904	1986	1991	2003	rBV	81437	153292	4.49%	0.624%
18	14.063	2012	2018	2031	rVB	741424	979849	28.70%	3.988%
19	15.551	2265	2271	2284	rVB	622422	957969	28.06%	3.899%

Sum of corrected areas: 24567193

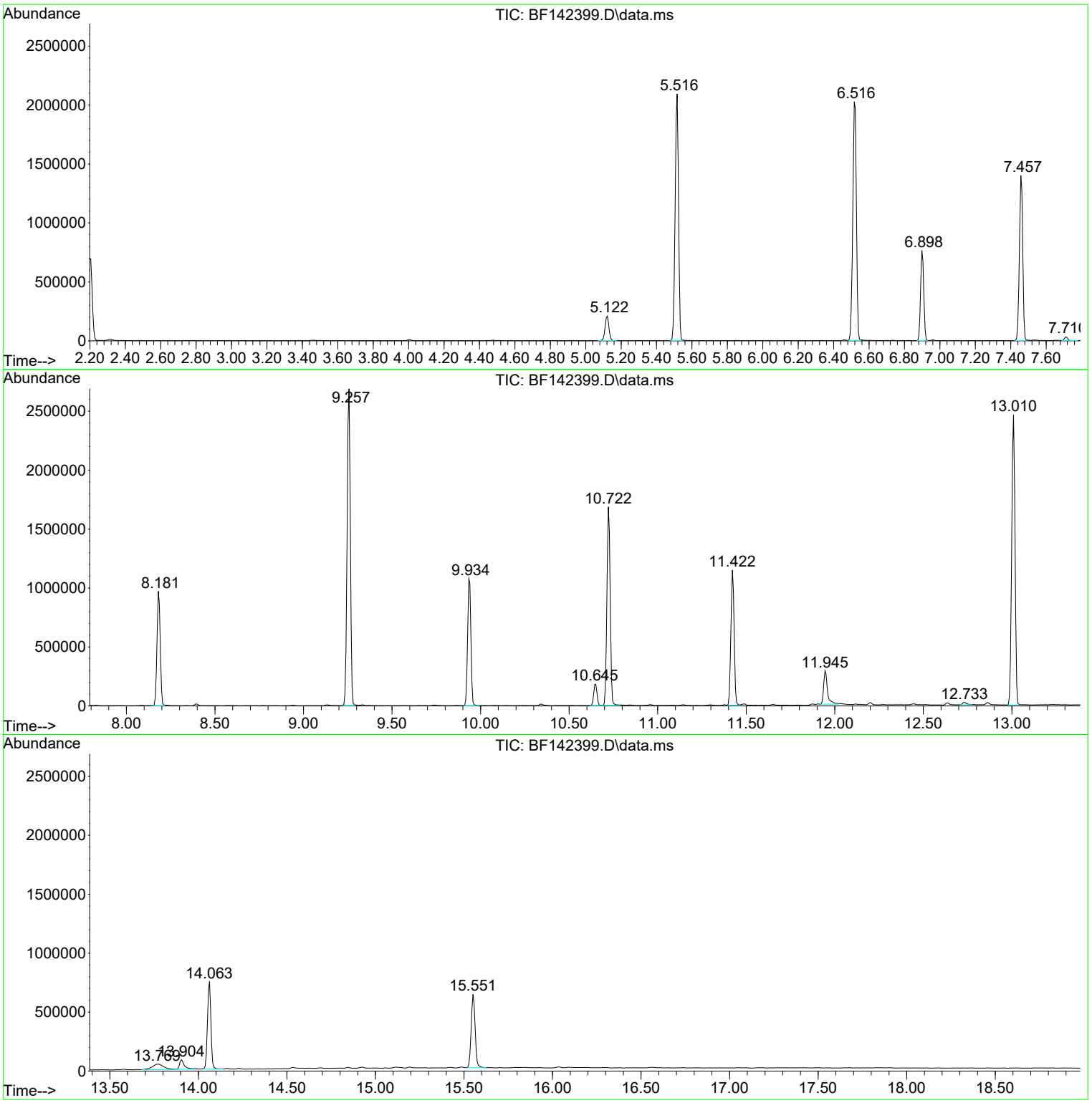
Sample Results: **BF142399.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142399.D
Acq On : 15 May 2025 18:40
Operator : RC/JU
Sample : Q1982-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BF142399.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142399.D
Acq On : 15 May 2025 18:40
Operator : RC/JU
Sample : Q1982-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

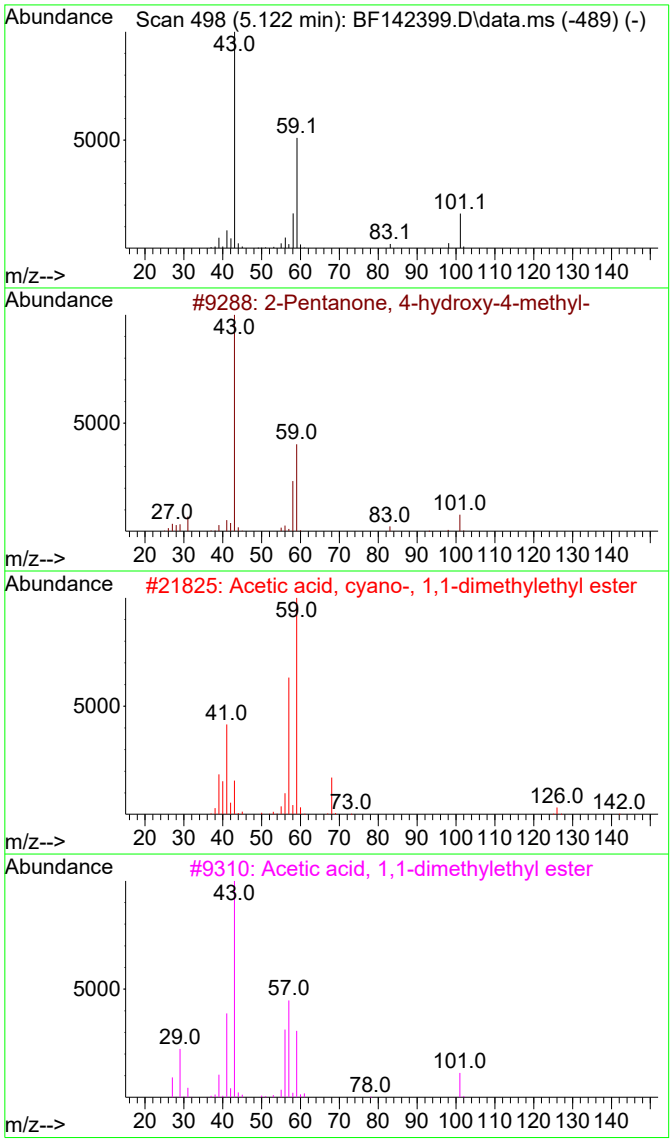
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

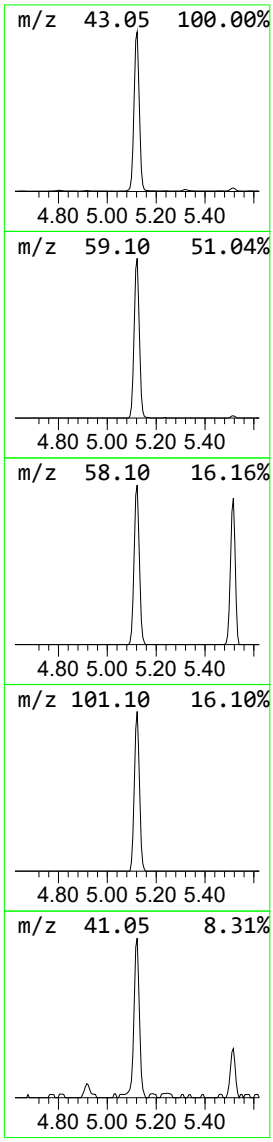
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.122	6.72 ng	315972	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Sample Results: **BF142399.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142399.D
Acq On : 15 May 2025 18:40
Operator : RC/JU
Sample : Q1982-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

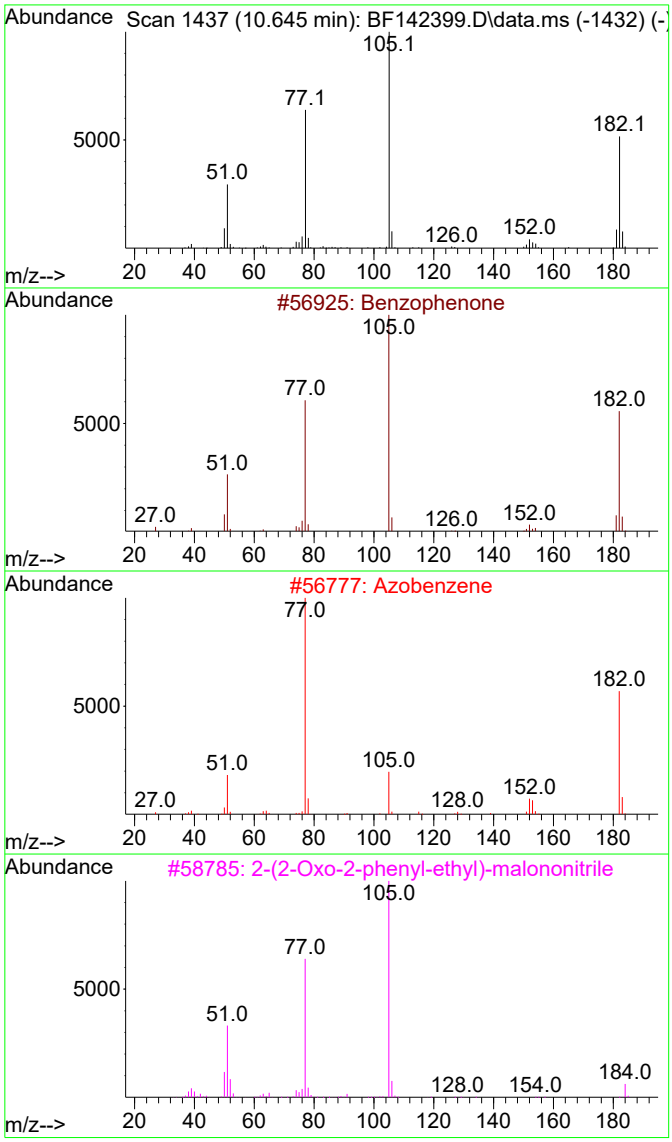
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

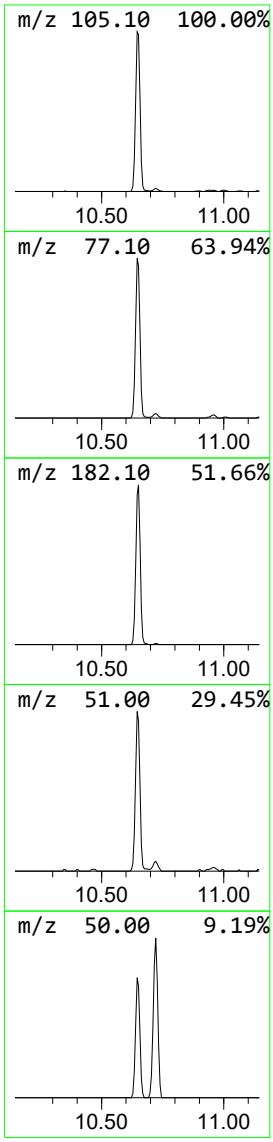
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	3.37 ng	233675	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	58
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	50
4	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	50
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142399.D
Acq On : 15 May 2025 18:40
Operator : RC/JU
Sample : Q1982-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

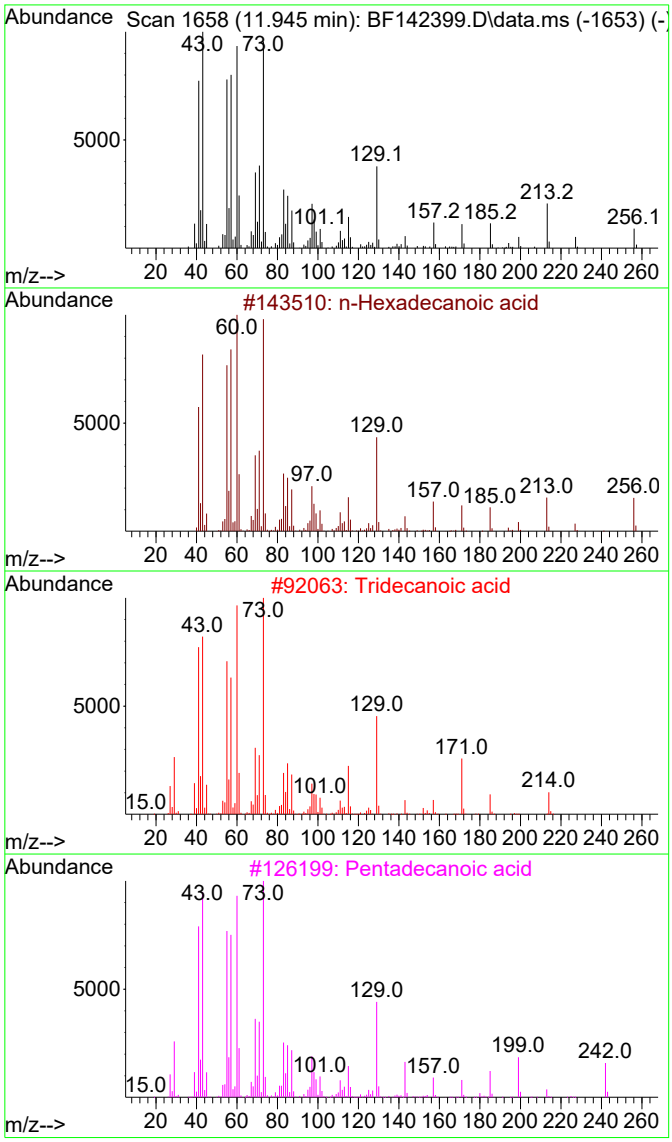
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

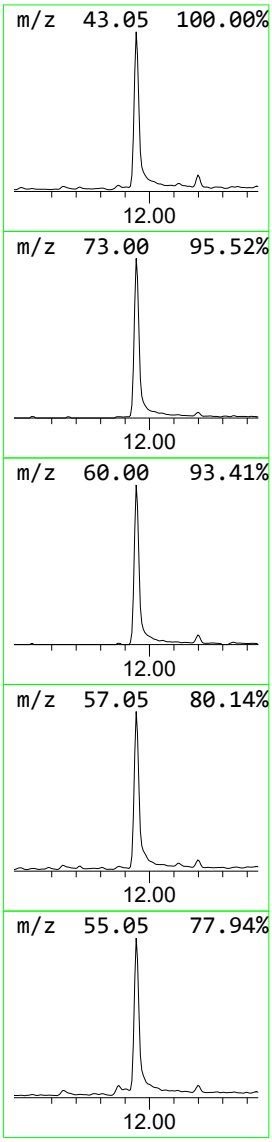
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.99 ng	430550	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142399.D
Acq On : 15 May 2025 18:40
Operator : RC/JU
Sample : Q1982-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

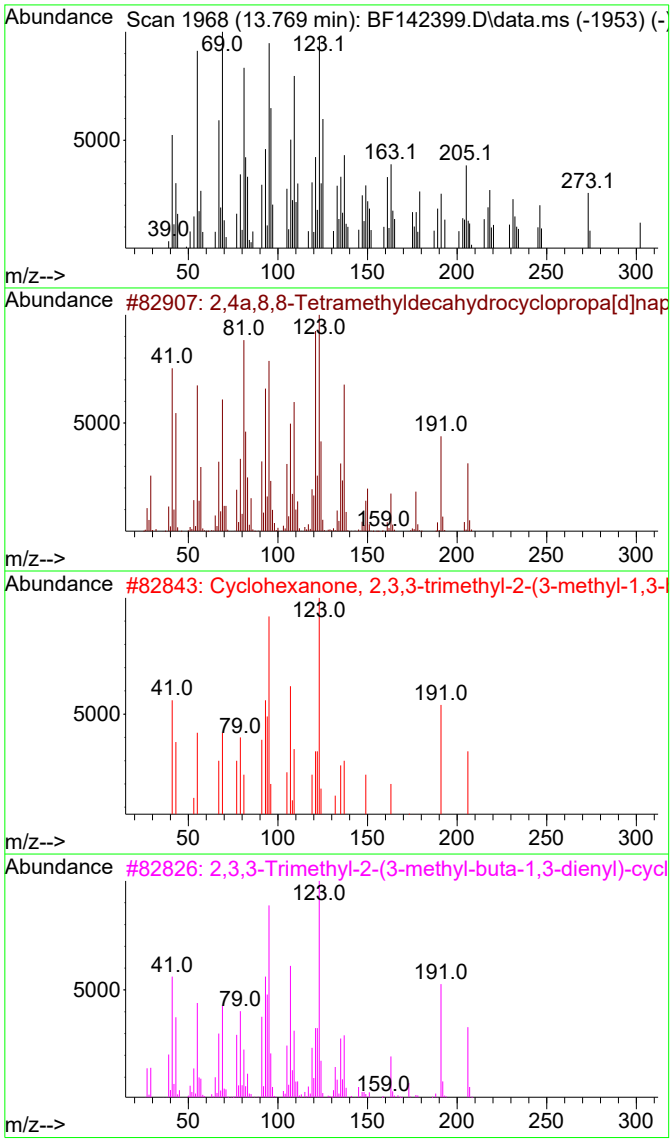
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

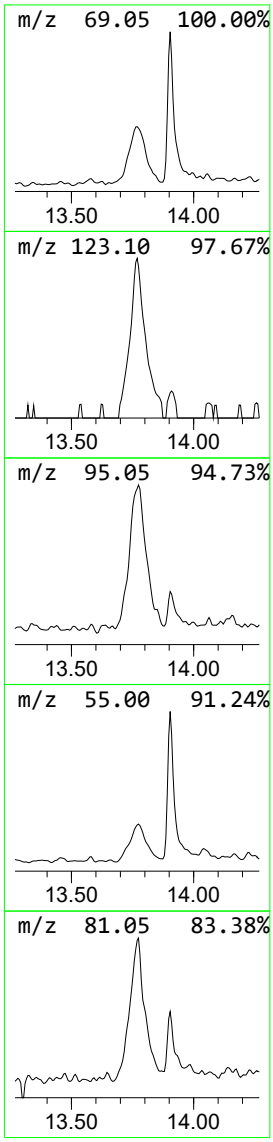
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,4a,8,8-Tetramethyldecahyd... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.769	4.60 ng	225222	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	70
2	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	64
3	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	50
4	Silane, monochloride, methylviny...	218	C10H19ClOSi	1000421-06-3	50
5	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142399.D
Acq On : 15 May 2025 18:40
Operator : RC/JU
Sample : Q1982-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

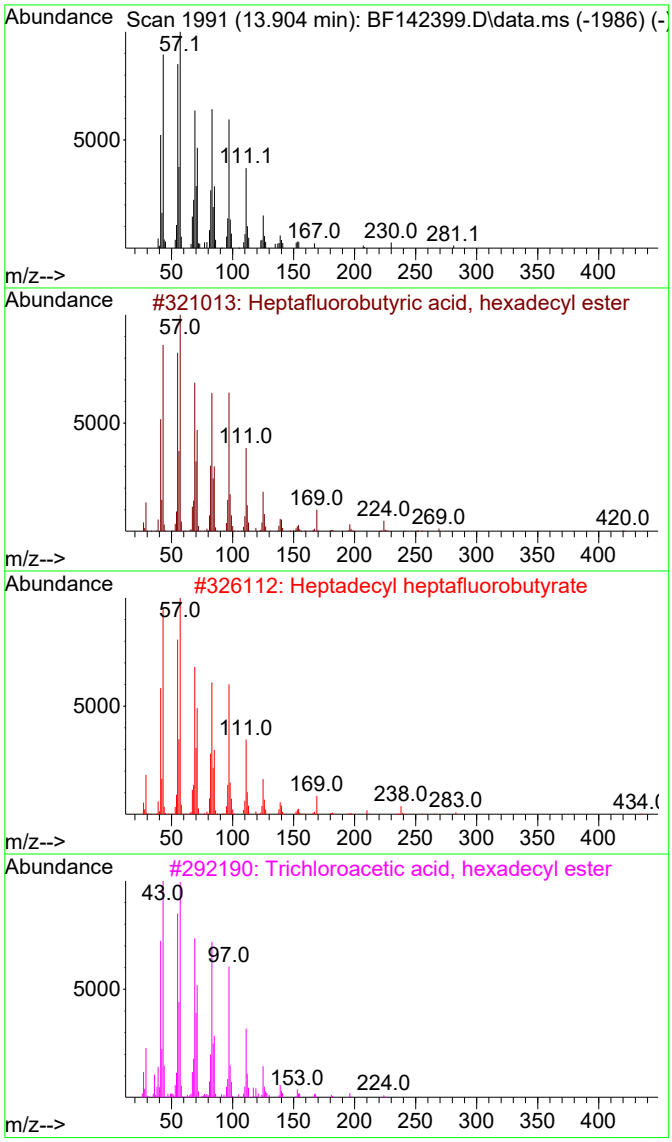
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

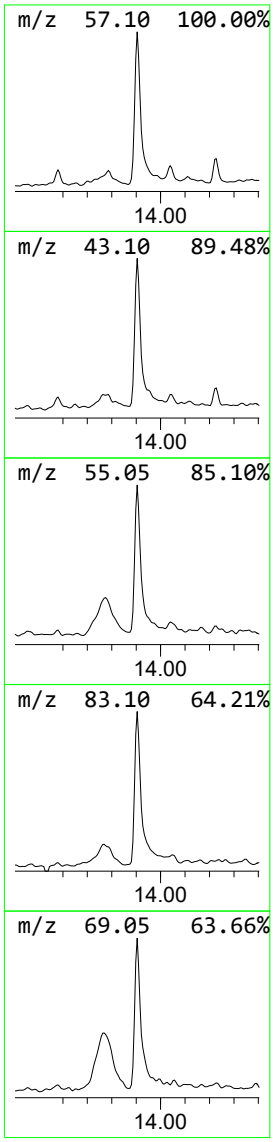
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptafluorobutyric acid, he... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.13 ng	153292	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95





Sample Results: **BF142399.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142399.D
Acq On : 15 May 2025 18:40
Operator : RC/JU
Sample : Q1982-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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-...	5.122	6.7	ng	315972	1	6.898	940308	20.0
Benzophenone	10.645	3.4	ng	233675	3	9.934	1387880	20.0
n-Hexadecanoic ...	11.945	6.0	ng	430550	4	11.422	1436800	20.0
2,4a,8,8-Tetram...	13.769	4.6	ng	225222	5	14.063	979849	20.0
Heptafluorobuty...	13.904	3.1	ng	153292	5	14.063	979849	20.0

Raw Data: **BF142406.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-8	SDG No.:	Q1982
Lab Sample ID:	Q1982-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.7
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142406.D	1	05/12/25 09:38	05/15/25 22:04	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	390	ug/Kg
108-95-2	Phenol	26.3	U	26.3	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	28.9	U	28.9	200	ug/Kg
95-57-8	2-Chlorophenol	29.1	U	29.1	200	ug/Kg
95-48-7	2-Methylphenol	35.6	U	35.6	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44.7	U	44.7	200	ug/Kg
98-86-2	Acetophenone	35.1	U	35.1	200	ug/Kg
65794-96-9	3+4-Methylphenols	49.0	U	49.0	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	56.5	U	56.5	95.3	ug/Kg
67-72-1	Hexachloroethane	21.0	U	21.0	200	ug/Kg
98-95-3	Nitrobenzene	21.8	U	21.8	200	ug/Kg
78-59-1	Isophorone	39.1	U	39.1	200	ug/Kg
88-75-5	2-Nitrophenol	69.3	U	69.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	77.2	U	77.2	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	36.7	U	36.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	33.7	U	33.7	200	ug/Kg
91-20-3	Naphthalene	27.0	U	27.0	200	ug/Kg
106-47-8	4-Chloroaniline	42.2	U	42.2	200	ug/Kg
87-68-3	Hexachlorobutadiene	30.1	U	30.1	200	ug/Kg
105-60-2	Caprolactam	62.1	U	62.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34.2	U	34.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	30.5	U	30.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23.6	U	23.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34.7	U	34.7	200	ug/Kg
92-52-4	1,1-Biphenyl	26.0	U	26.0	200	ug/Kg
91-58-7	2-Chloronaphthalene	26.8	U	26.8	200	ug/Kg
88-74-4	2-Nitroaniline	57.3	U	57.3	200	ug/Kg
131-11-3	Dimethylphthalate	32.3	U	32.3	200	ug/Kg

Raw Data: **BF142406.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-8	SDG No.:	Q1982
Lab Sample ID:	Q1982-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.7
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142406.D	1	05/12/25 09:38	05/15/25 22:04	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	34.4	U	34.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	40.0	U	40.0	200	ug/Kg
99-09-2	3-Nitroaniline	54.8	U	54.8	200	ug/Kg
83-32-9	Acenaphthene	25.4	U	25.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	390	ug/Kg
132-64-9	Dibenzofuran	27.0	U	27.0	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.7	UQ	59.7	200	ug/Kg
84-66-2	Diethylphthalate	33.7	U	33.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31.8	U	31.8	200	ug/Kg
86-73-7	Fluorene	30.1	U	30.1	200	ug/Kg
100-01-6	4-Nitroaniline	76.5	UQ	76.5	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	39.2	U	39.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33.1	U	33.1	200	ug/Kg
118-74-1	Hexachlorobenzene	30.1	U	30.1	200	ug/Kg
1912-24-9	Atrazine	40.5	U	40.5	200	ug/Kg
87-86-5	Pentachlorophenol	61.1	UQ	61.1	390	ug/Kg
85-01-8	Phenanthrene	24.9	U	24.9	200	ug/Kg
120-12-7	Anthracene	39.7	U	39.7	200	ug/Kg
86-74-8	Carbazole	37.2	U	37.2	200	ug/Kg
84-74-2	Di-n-butylphthalate	57.1	U	57.1	200	ug/Kg
206-44-0	Fluoranthene	35.7	U	35.7	200	ug/Kg
129-00-0	Pyrene	42.9	U	42.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	85.0	U	85.0	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	43.7	U	43.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	27.4	U	27.4	200	ug/Kg
218-01-9	Chrysene	23.7	U	23.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	70.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.6	U	22.6	200	ug/Kg

Raw Data: **BF142406.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-8	SDG No.:	Q1982
Lab Sample ID:	Q1982-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.7
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142406.D	1	05/12/25 09:38	05/15/25 22:04	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	26.7	U	26.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	35.1	U	35.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.7	U	34.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32.6	U	32.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.6	U	30.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30.5	U	30.5	200	ug/Kg
123-91-1	1,4-Dioxane	53.8	U	53.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32.6	U	32.6	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	83.4		18 - 112	56%	SPK: 150
13127-88-3	Phenol-d6	82.3		15 - 107	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	56.9		18 - 107	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.8		20 - 109	55%	SPK: 100
118-79-6	2,4,6-Tribromophenol	91.7		10 - 116	61%	SPK: 150
1718-51-0	Terphenyl-d14	44.8		10 - 105	45%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	160000	6.898			
1146-65-2	Naphthalene-d8	605000	8.181			
15067-26-2	Acenaphthene-d10	321000	9.939			
1517-22-2	Phenanthrene-d10	518000	11.422			
1719-03-5	Chrysene-d12	356000	14.063			
1520-96-3	Perylene-d12	279000	15.551			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	AB		5.12	ug/Kg
000119-61-9	Benzophenone	130	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	210	J		11.9	ug/Kg
007365-36-8	Heptafluorobutyric acid, n-tetrade	140	J		13.9	ug/Kg

Raw Data: **BF142406.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-8	SDG No.:	Q1982
Lab Sample ID:	Q1982-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.7
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142406.D	1	05/12/25 09:38	05/15/25 22:04	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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\BF051525\
Data File : BF142406.D
Acq On : 15 May 2025 22:04
Operator : RC/JU
Sample : Q1982-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

Quant Time: May 16 01:10:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

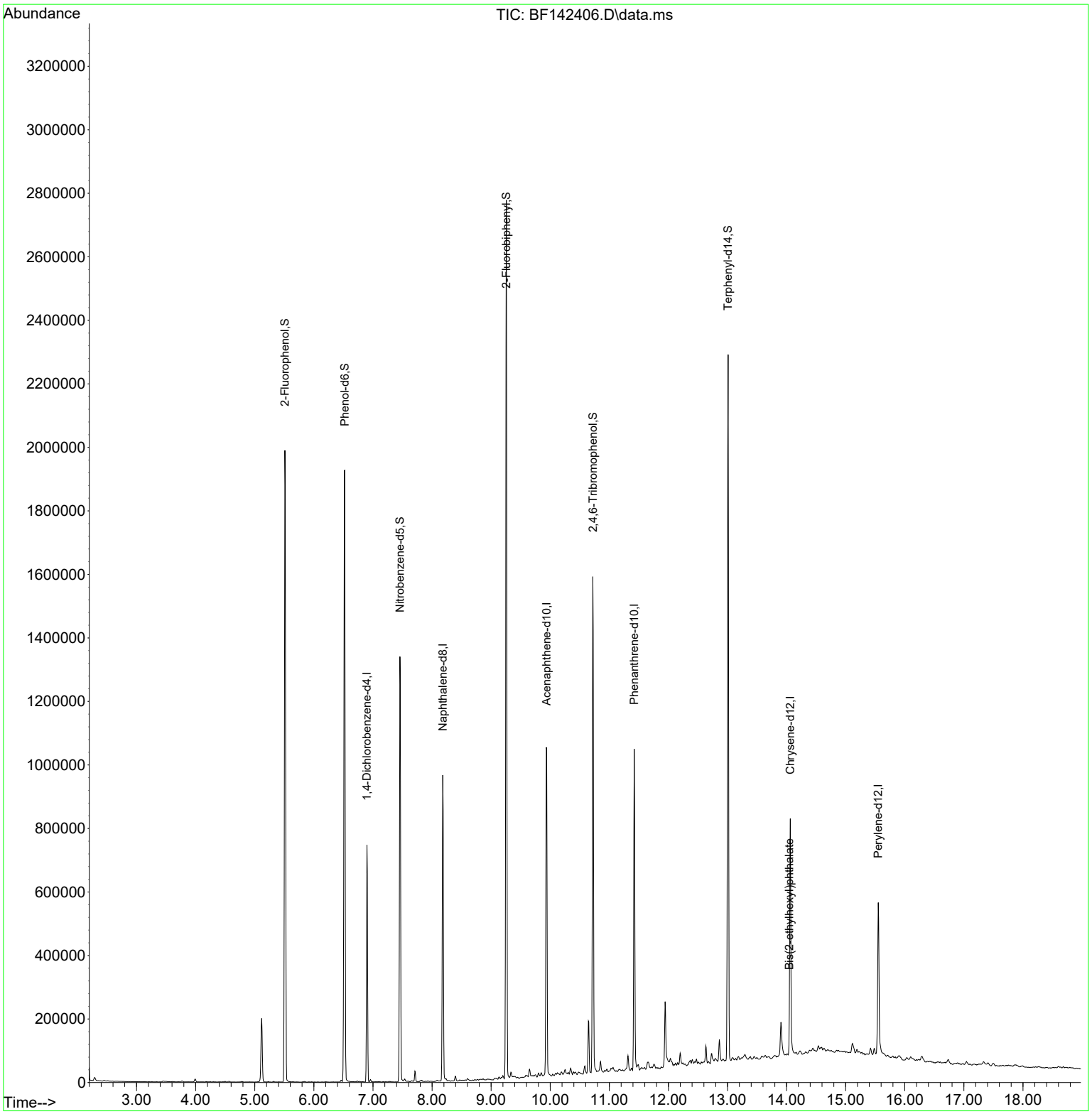
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	160071	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	605054	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	320606	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	518248	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	355689	20.000	ng	0.00
86) Perylene-d12	15.551	264	278675	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	782072	83.404	ng	0.00
7) Phenol-d6	6.522	99	949734	82.350	ng	0.00
23) Nitrobenzene-d5	7.457	82	564669	56.916	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	283820	91.691	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1233046	54.839	ng	0.00
79) Terphenyl-d14	13.010	244	1076746	44.806	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	14.045	149	1802	4.374	ng	# 85

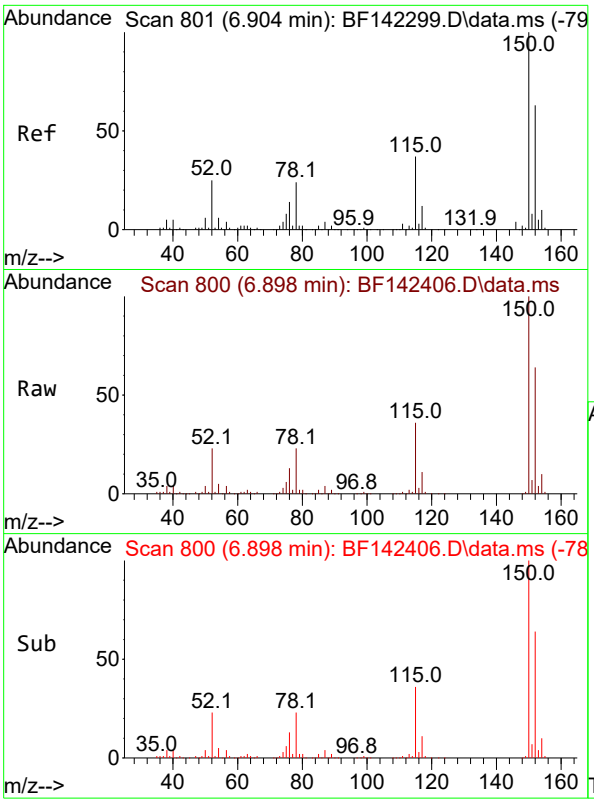
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142406.D
Acq On : 15 May 2025 22:04
Operator : RC/JU
Sample : Q1982-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

Quant Time: May 16 01:10:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



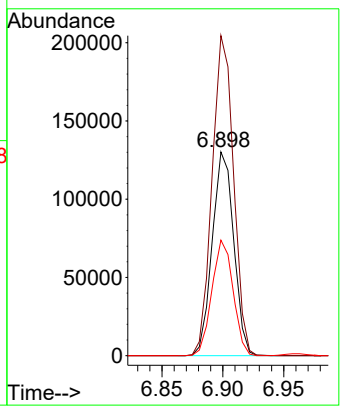


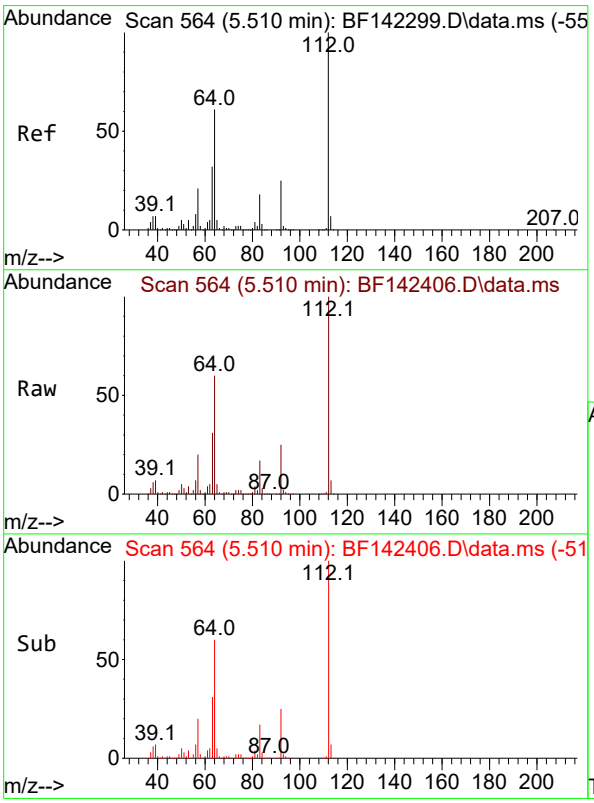
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:152 Resp: 160071

Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.6	190.0
115	56.7	47.3	70.9

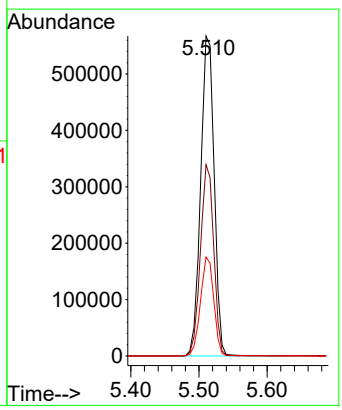


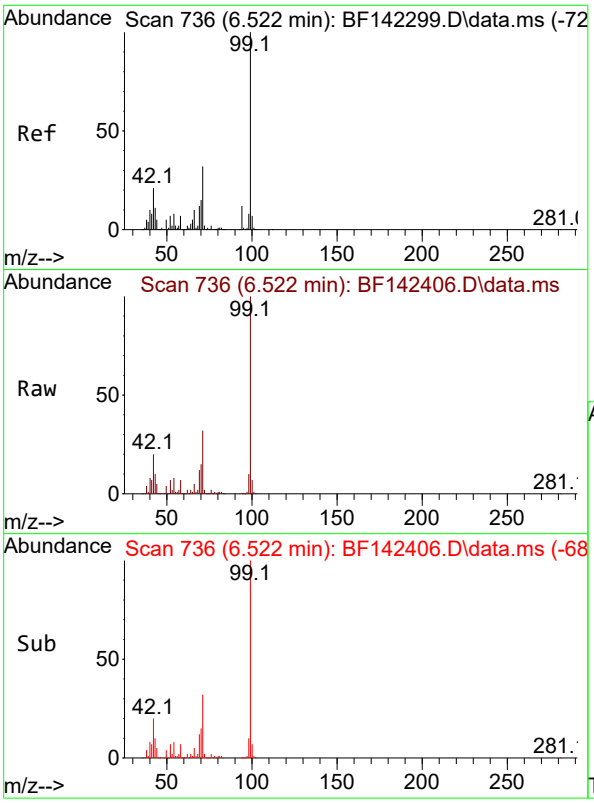


#5
2-Fluorophenol
Concen: 83.404 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Tgt Ion:112 Resp: 782072

Ion	Ratio	Lower	Upper
112	100		
64	59.8	48.9	73.3
63	30.9	25.6	38.4



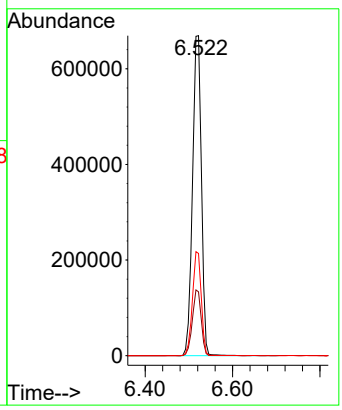


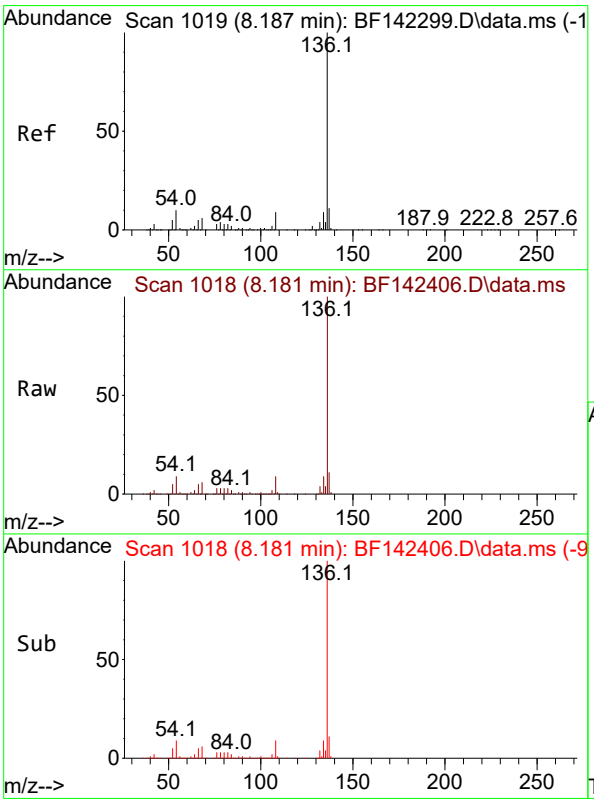
#7
Phenol-d6
Concen: 82.350 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion: 99 Resp: 949734

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.0	25.4
71	31.9	25.8	38.8

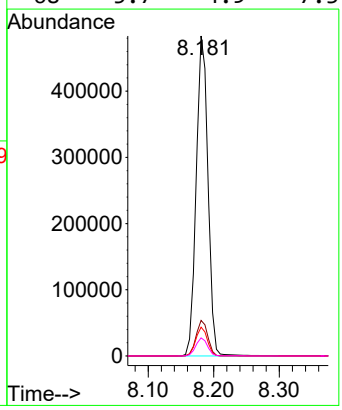


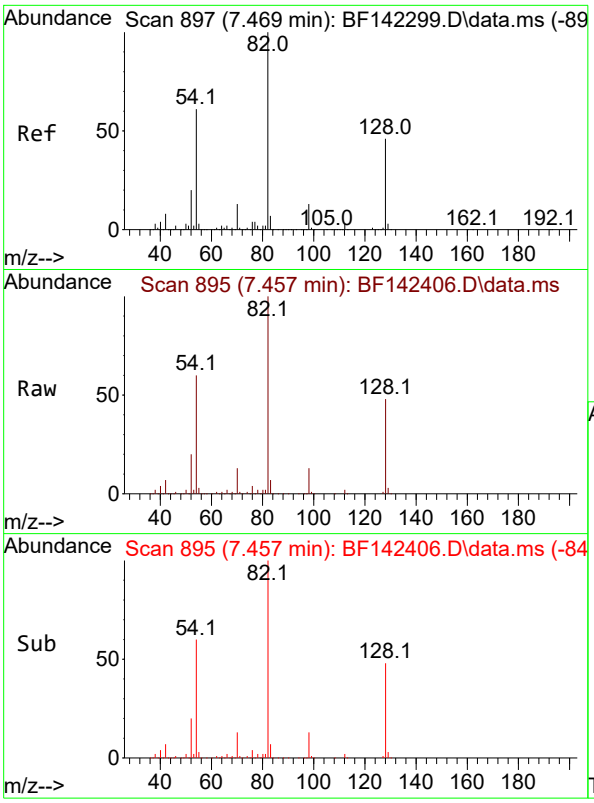


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Tgt Ion:136 Resp: 605054

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.0	7.7	11.5
68	5.7	4.9	7.3



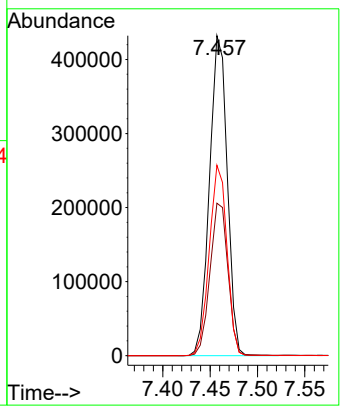


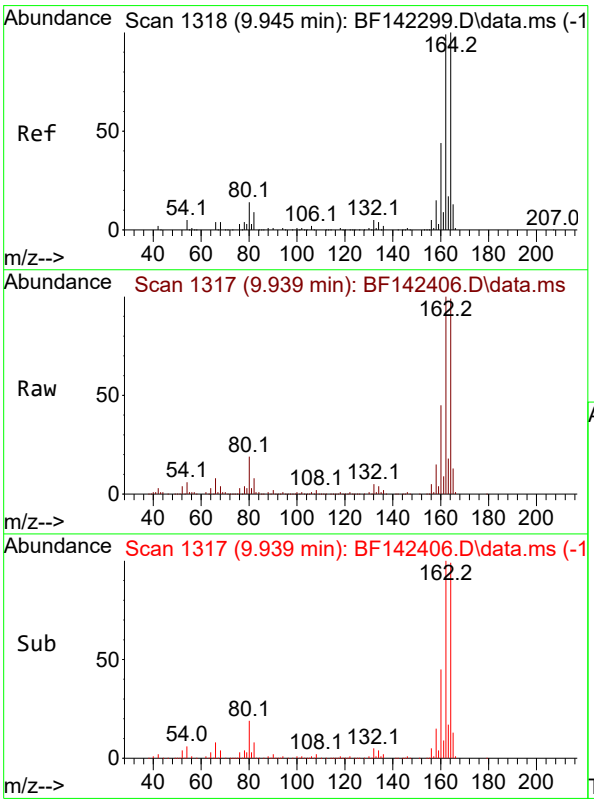
#23
Nitrobenzene-d5
Concen: 56.916 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion: 82 Resp: 564669

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.0	55.6
54	59.5	48.6	73.0

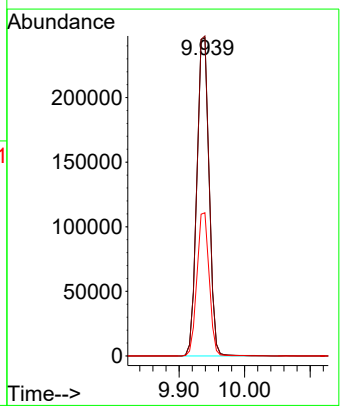


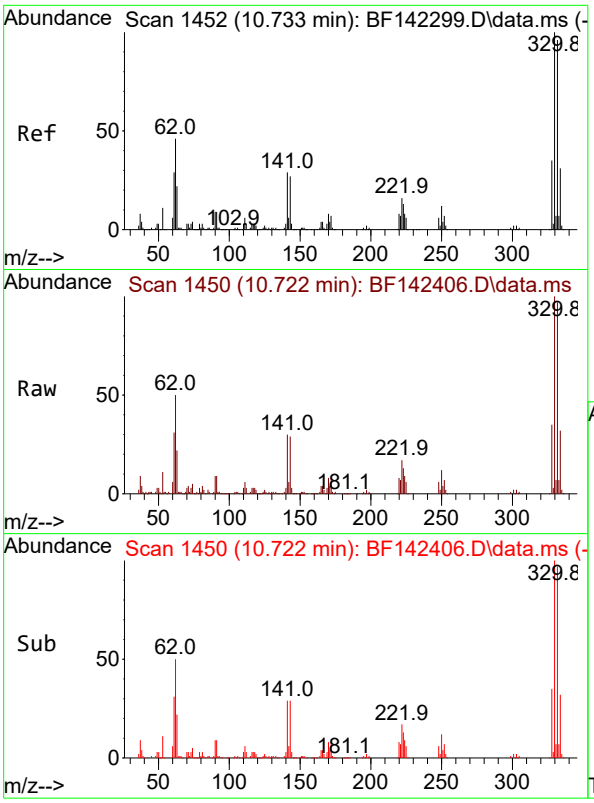


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Tgt Ion:164 Resp: 320606

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.2	118.8
160	45.0	35.3	52.9



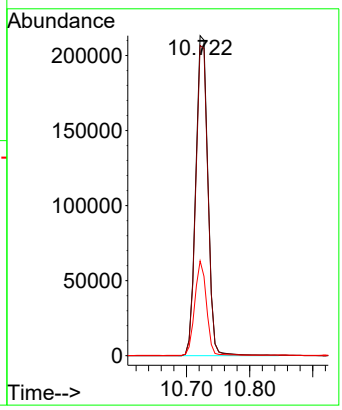


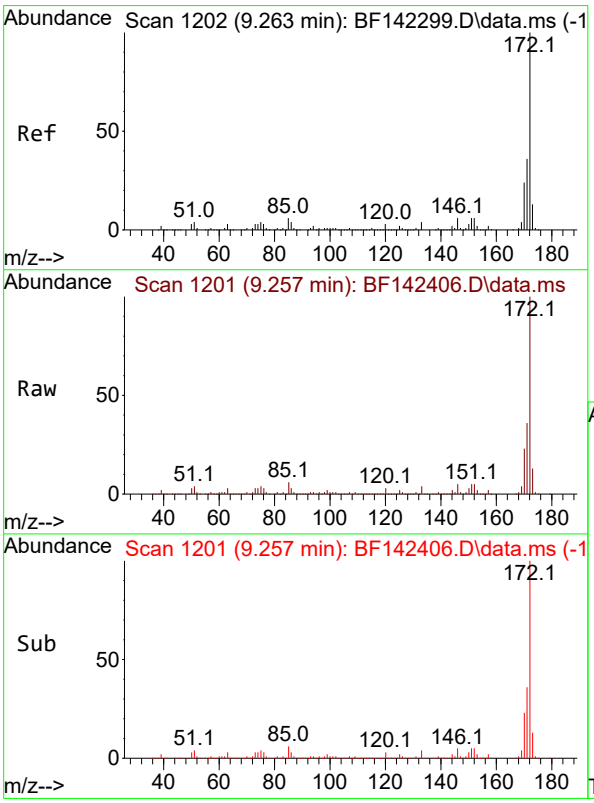
#42
2,4,6-Tribromophenol
Concen: 91.691 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:330 Resp: 283820

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	28.5	24.9	37.3

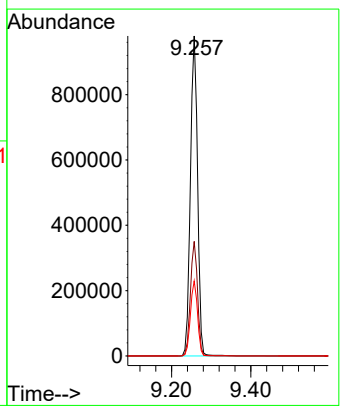


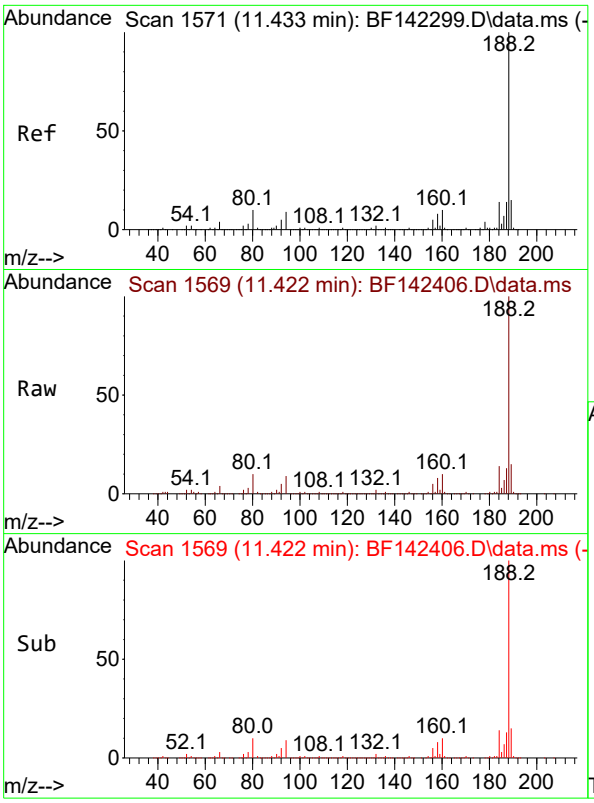


#45
2-Fluorobiphenyl
Concen: 54.839 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Tgt Ion:172 Resp: 1233046

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.4	19.0	28.4



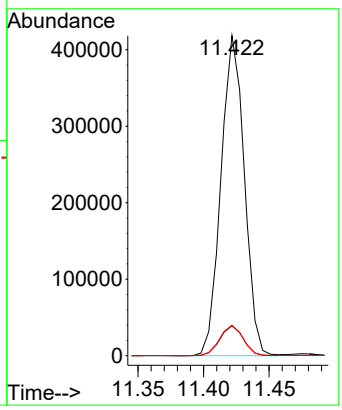


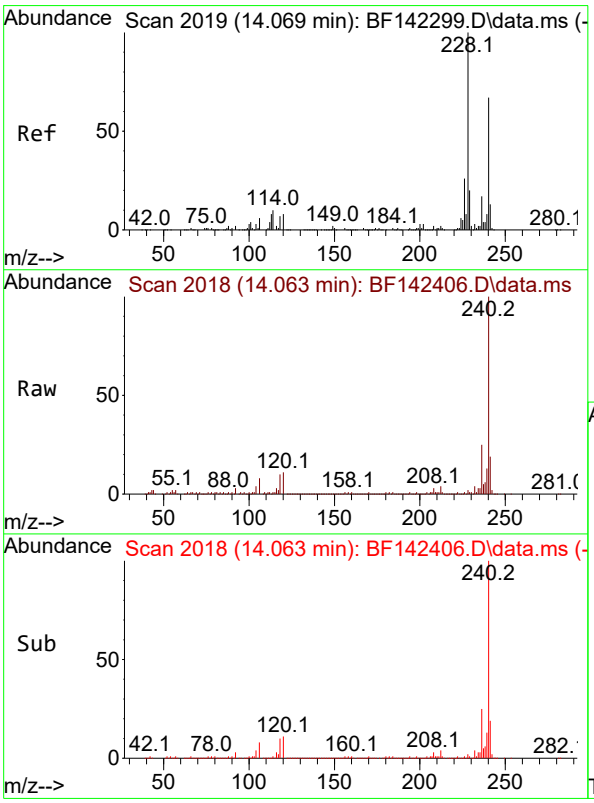
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:188 Resp: 518248

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	9.5	7.9	11.9

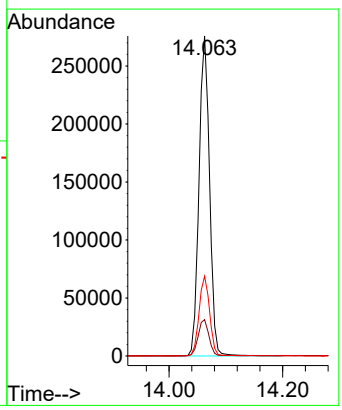


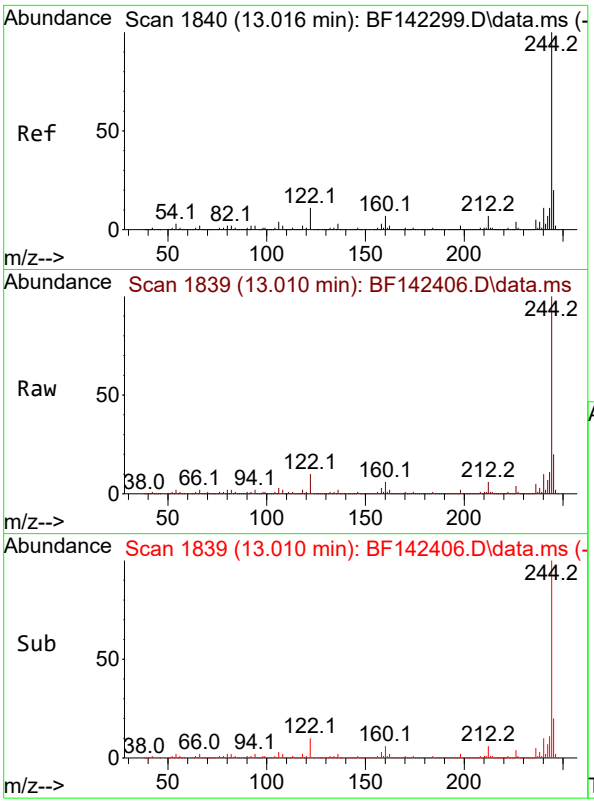


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Tgt Ion:240 Resp: 355689

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.7	14.5
236	25.0	20.0	30.0



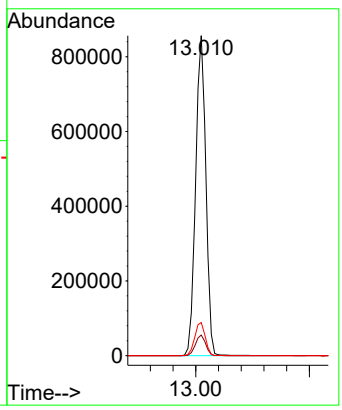


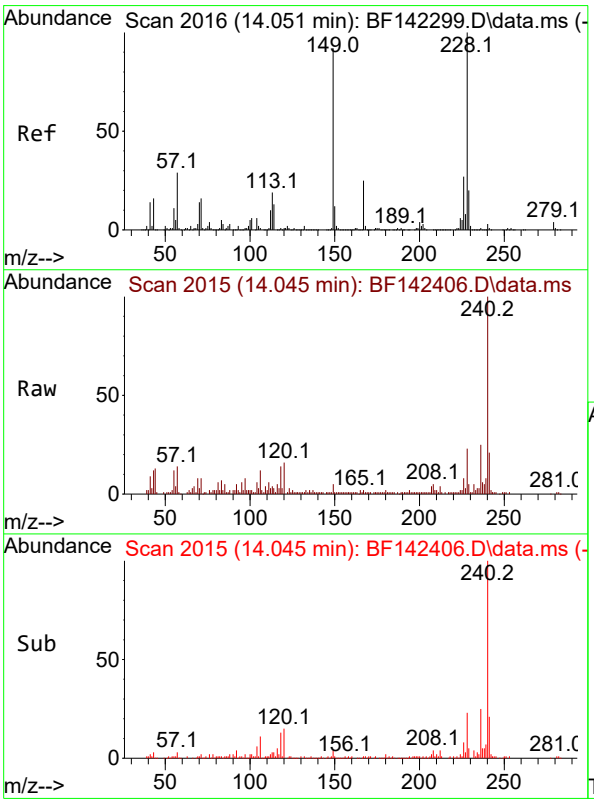
#79
Terphenyl-d14
Concen: 44.806 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:244 Resp: 1076746

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	10.3	9.0	13.4

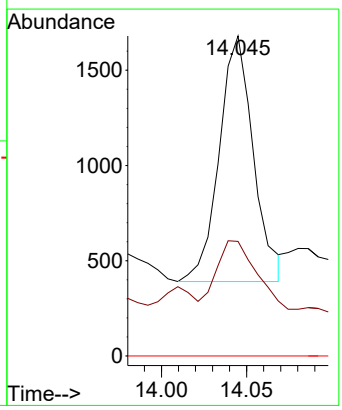


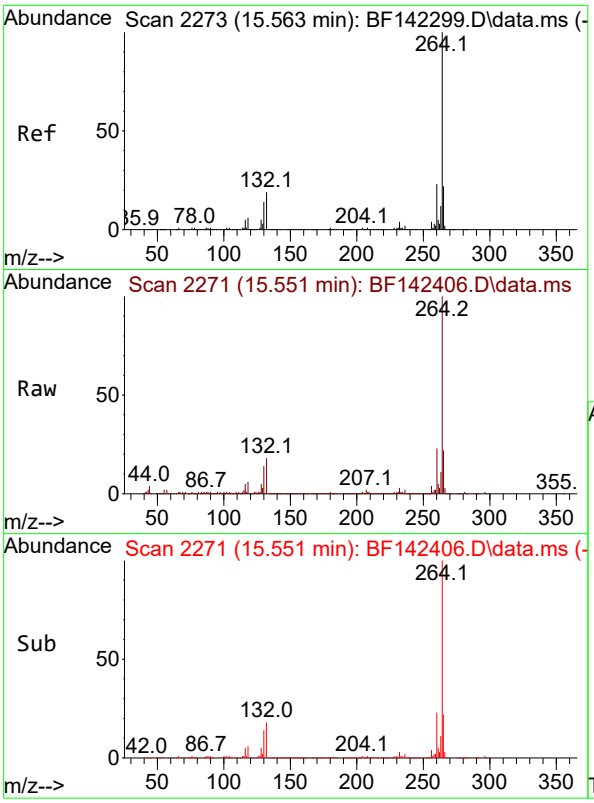


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.374 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Tgt Ion:149 Resp: 1802

Ion	Ratio	Lower	Upper
149	100		
167	35.8	22.0	33.0#
279	0.0	3.0	4.6#



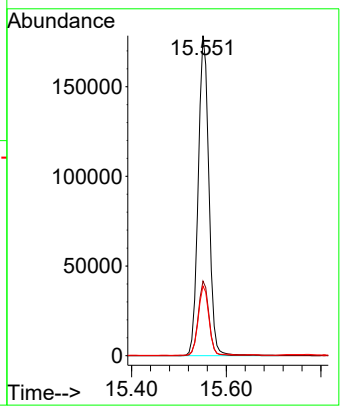


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:264 Resp: 278675

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.8	17.5	26.3



Sample Results: **BF142406.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142406.D
Acq On : 15 May 2025 22:04
Operator : RC/JU
Sample : Q1982-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142406.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	488	497	508	rVB	199957	300417	8.67%	1.265%
2	5.510	558	564	570	rBV	1988749	2704855	78.08%	11.393%
3	6.522	729	736	741	rBV	1924882	2733970	78.92%	11.516%
4	6.898	795	800	805	rBV	746541	909961	26.27%	3.833%
5	7.457	889	895	900	rBV	1338636	1752172	50.58%	7.380%
6	7.710	934	938	945	rVB	33095	41728	1.20%	0.176%
7	8.181	1013	1018	1023	rBV	962661	1197631	34.57%	5.044%
8	9.257	1195	1201	1206	rBV	2767234	3464422	100.00%	14.592%
9	9.651	1264	1268	1272	rBV3	23264	34655	1.00%	0.146%
10	9.933	1311	1316	1322	rBV	1029549	1343536	38.78%	5.659%
11	10.586	1422	1427	1432	rBV2	25115	44004	1.27%	0.185%
12	10.645	1433	1437	1445	rVV	164586	219135	6.33%	0.923%
13	10.722	1445	1450	1461	rBV	1561651	2036412	58.78%	8.577%
14	10.851	1468	1472	1480	rVB	33178	51293	1.48%	0.216%
15	11.316	1547	1551	1557	rVB2	45776	67941	1.96%	0.286%
16	11.422	1564	1569	1576	rBV	1011466	1286183	37.13%	5.417%
17	11.651	1604	1608	1616	rBV7	18844	41325	1.19%	0.174%
18	11.945	1653	1658	1670	rBV2	202685	336770	9.72%	1.418%
19	12.198	1698	1701	1707	rVB3	33275	43569	1.26%	0.184%
20	12.633	1772	1775	1780	rVB	54148	69638	2.01%	0.293%
21	12.733	1788	1792	1799	rBV4	31262	65945	1.90%	0.278%
22	12.863	1810	1814	1820	rBV	67542	90430	2.61%	0.381%
23	13.010	1833	1839	1844	rBV	2222874	2819995	81.40%	11.878%
24	13.904	1987	1991	2002	rVB	103025	182752	5.28%	0.770%
25	14.063	2012	2018	2032	rBV	743804	1052136	30.37%	4.432%
26	15.551	2265	2271	2294	rVB	483980	850664	24.55%	3.583%

Sum of corrected areas: 23741539

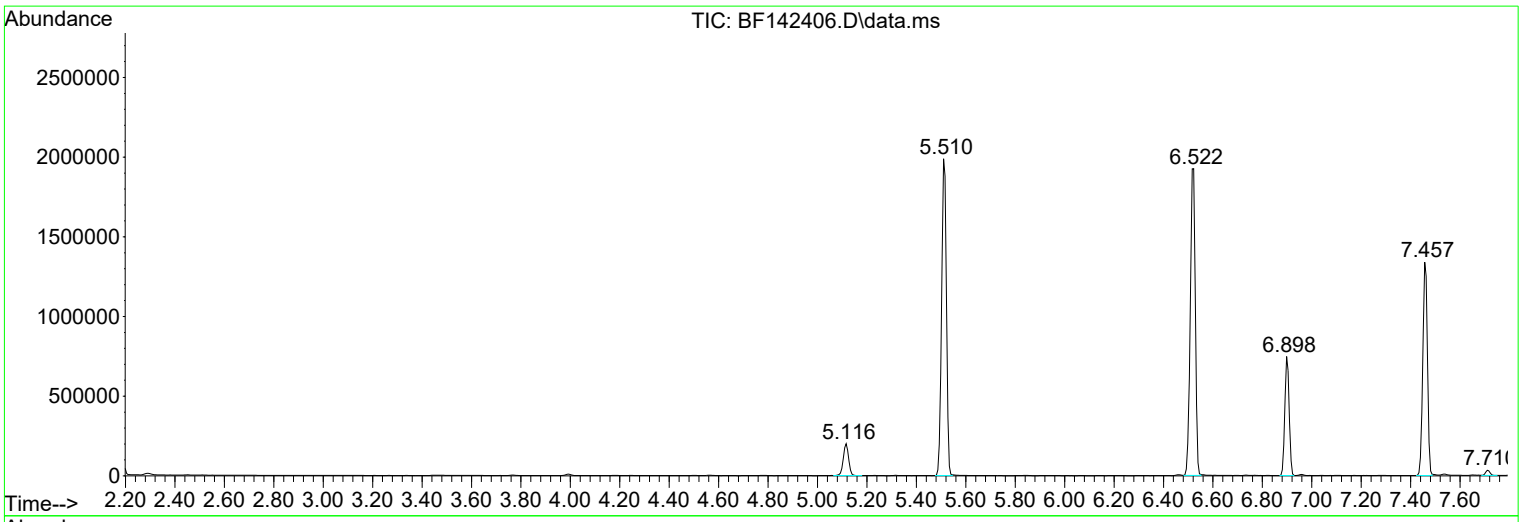
Sample Results: **BF142406.D**

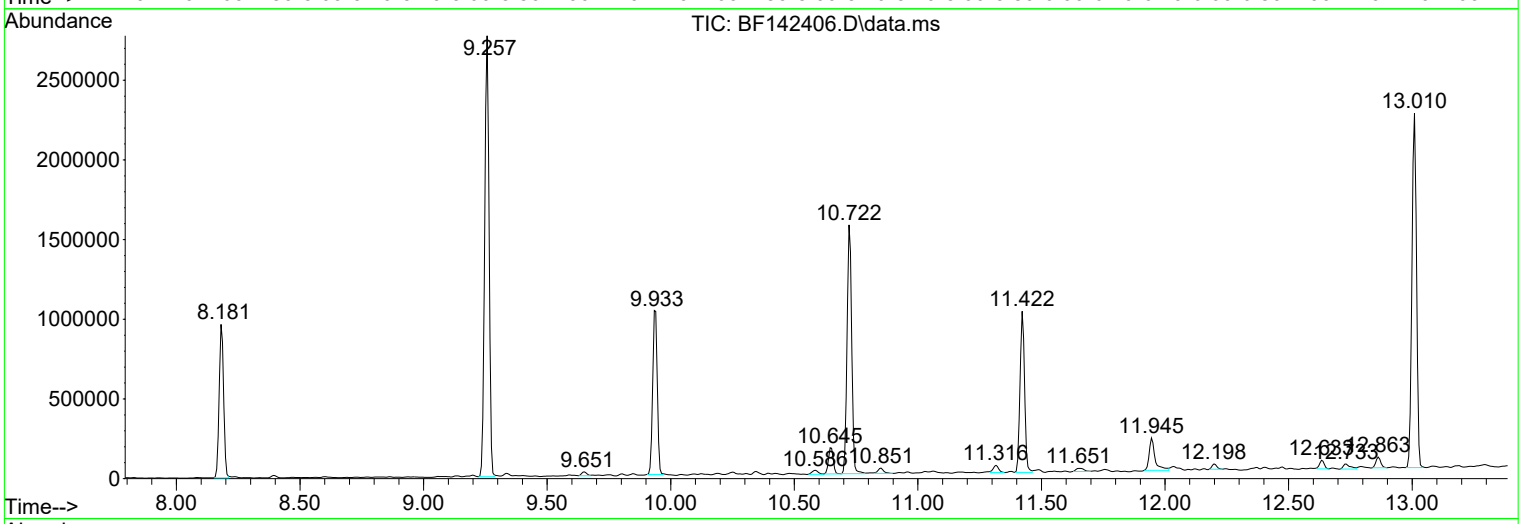
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142406.D
Acq On : 15 May 2025 22:04
Operator : RC/JU
Sample : Q1982-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

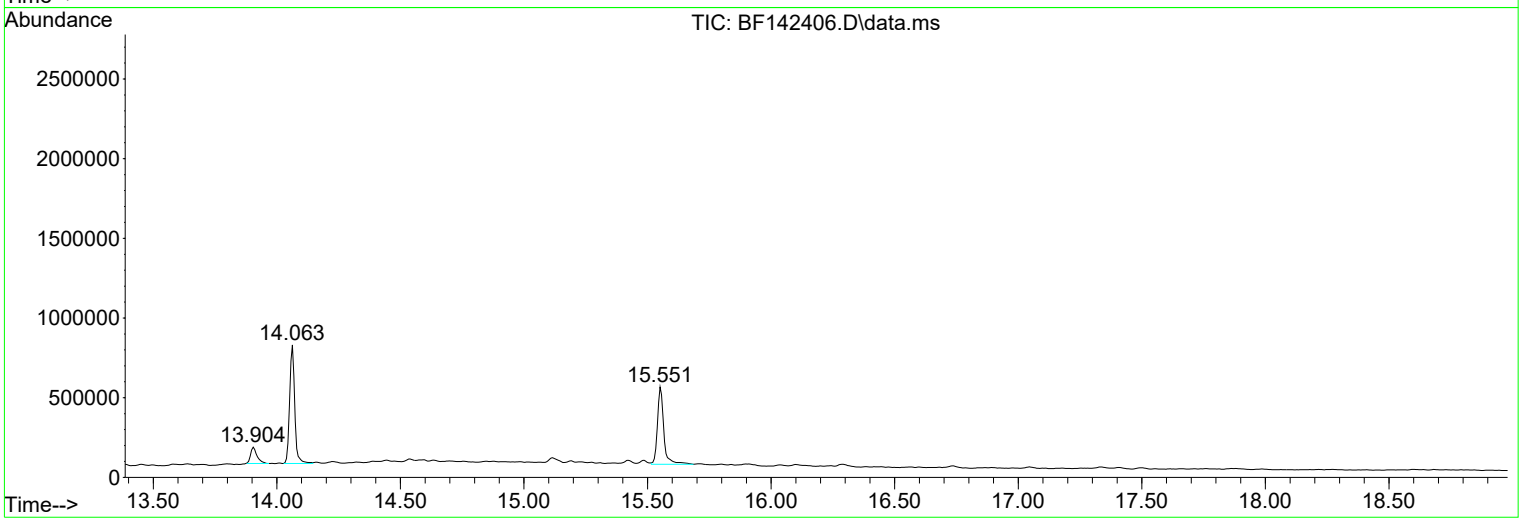
Instrument :
BNA_F
ClientSampleId :
TP-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Sample Results: **BF142406.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142406.D
Acq On : 15 May 2025 22:04
Operator : RC/JU
Sample : Q1982-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

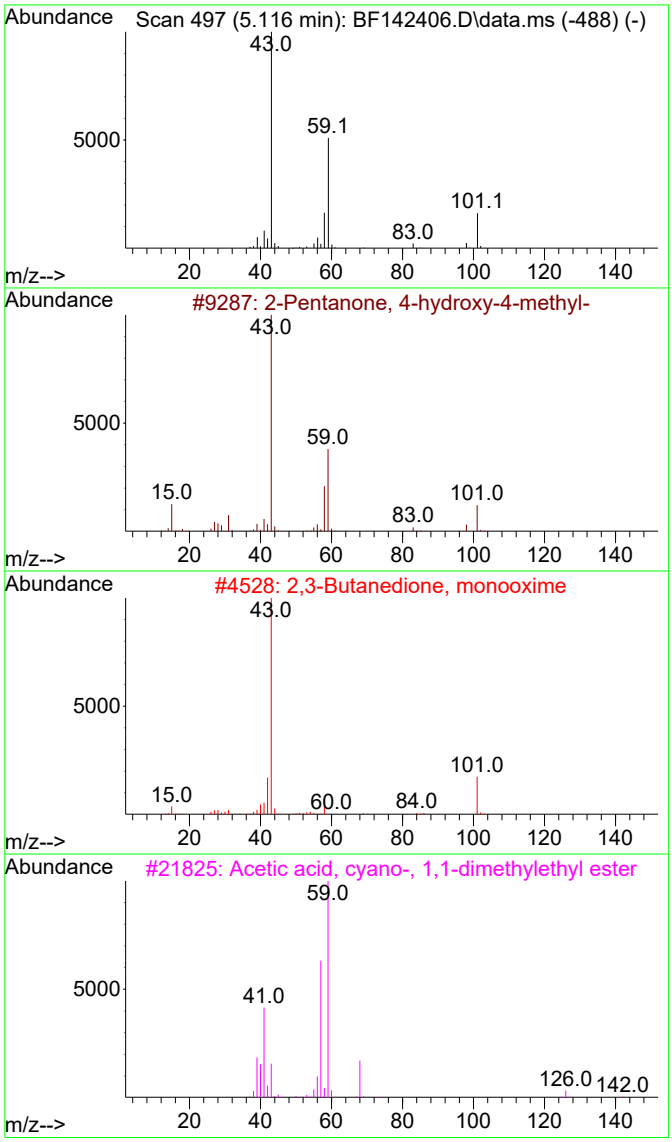
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

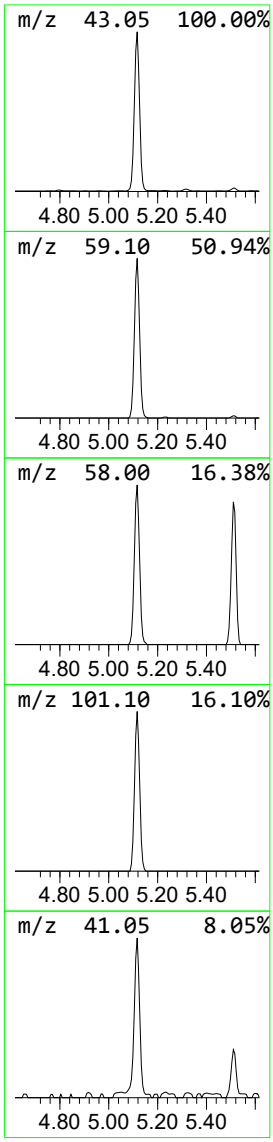
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	6.60 ng	300417	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142406.D
Acq On : 15 May 2025 22:04
Operator : RC/JU
Sample : Q1982-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

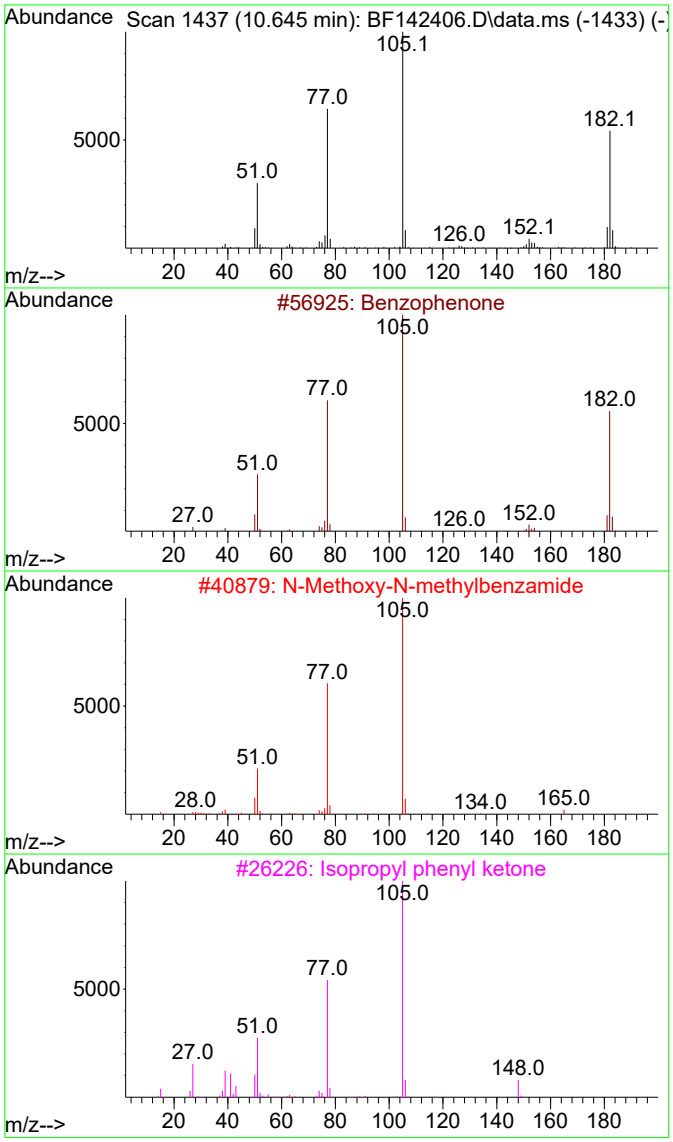
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

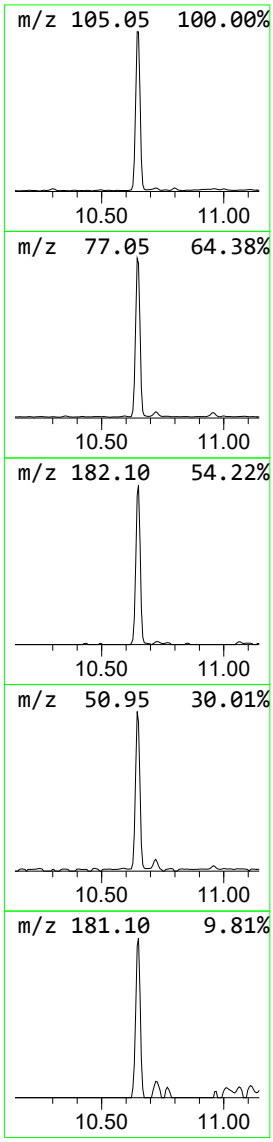
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	3.26 ng	219135	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
3	Isopropyl phenyl ketone	148	C10H12O	000611-70-1	47
4	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	47
5	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142406.D
Acq On : 15 May 2025 22:04
Operator : RC/JU
Sample : Q1982-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

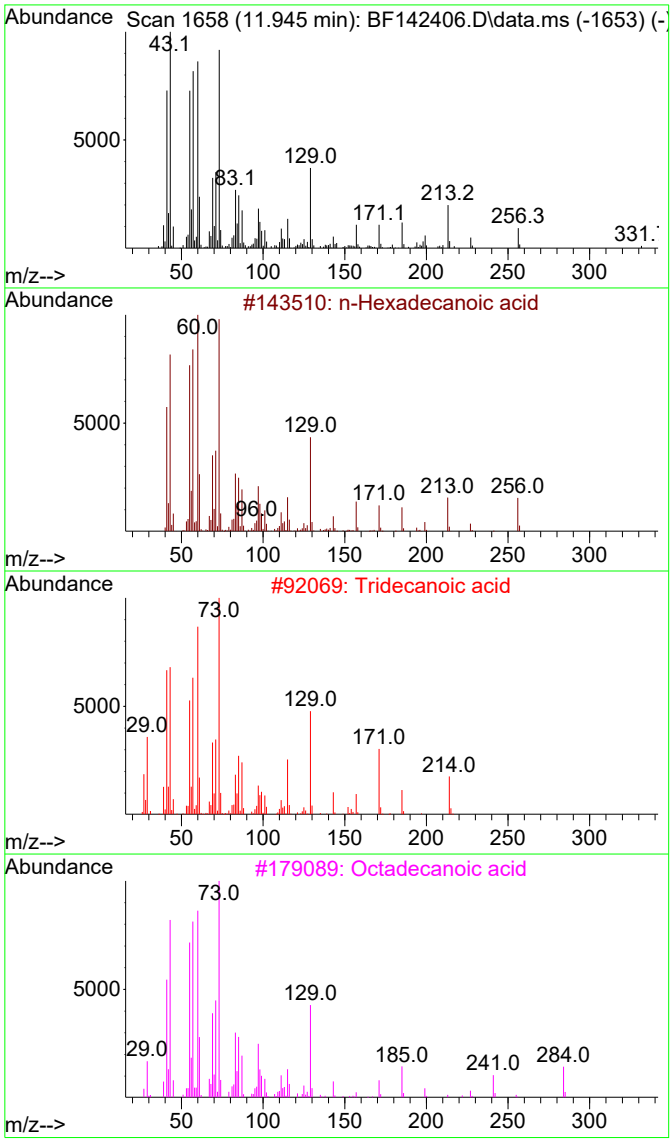
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TIC Integration Parameters: LSCINT.P

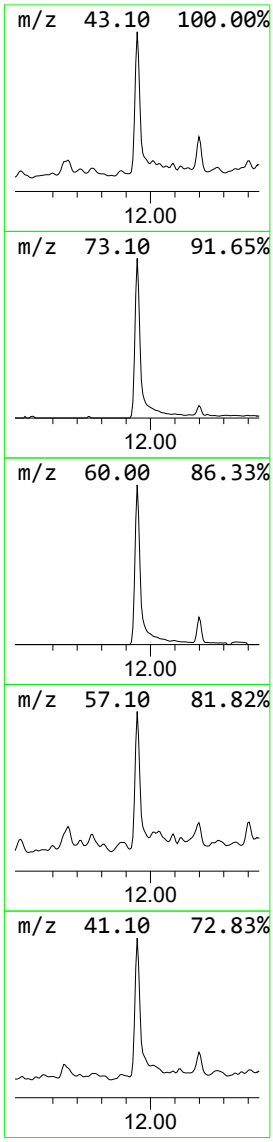
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.24 ng	336770	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142406.D
Acq On : 15 May 2025 22:04
Operator : RC/JU
Sample : Q1982-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

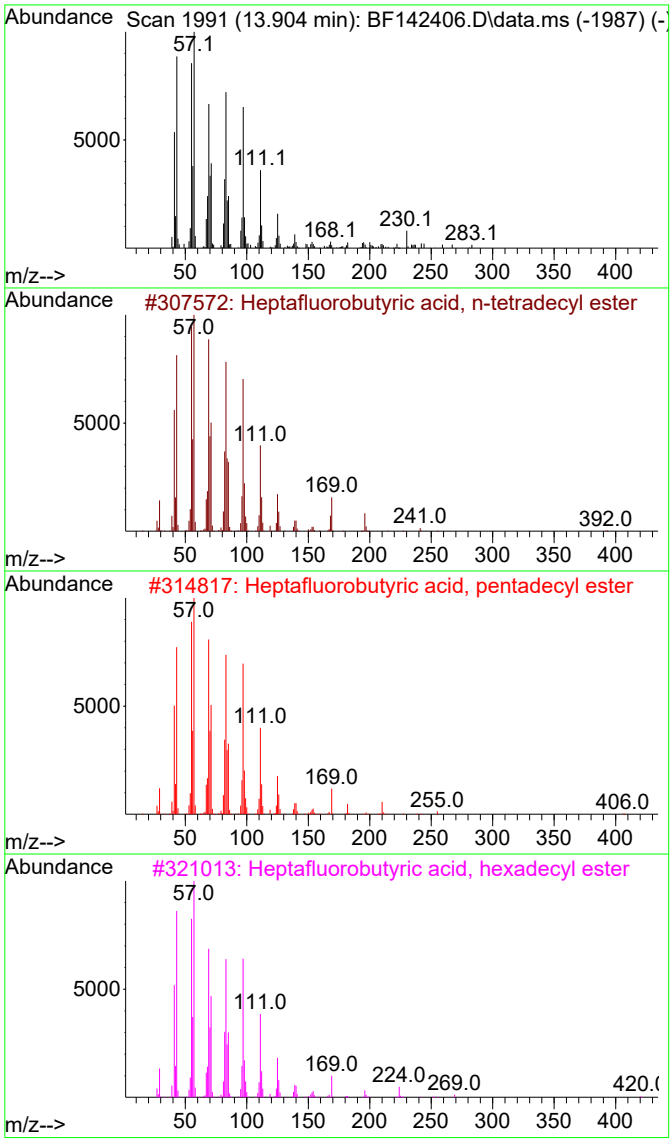
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

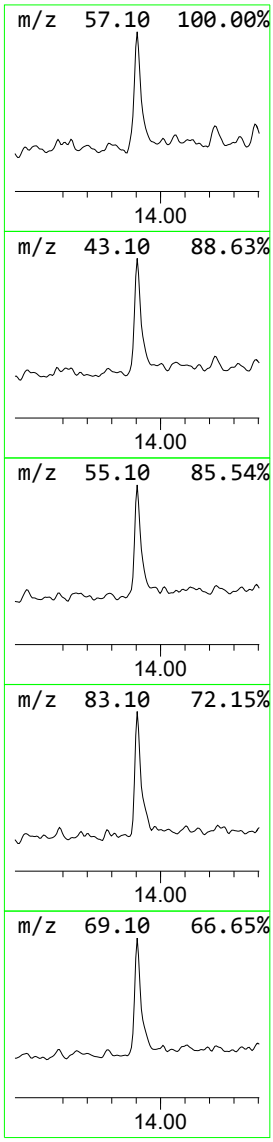
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptafluorobutyric acid, n-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.47 ng	182752	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Sample Results: **BF142406.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142406.D
Acq On : 15 May 2025 22:04
Operator : RC/JU
Sample : Q1982-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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-...	5.116	6.6	ng	300417	1	6.898	909961	20.0
Benzophenone	10.645	3.3	ng	219135	3	9.939	1343540	20.0
n-Hexadecanoic ...	11.945	5.2	ng	336770	4	11.422	1286180	20.0
Heptafluorobuty...	13.904	3.5	ng	182752	5	14.063	1052140	20.0

Raw Data: **BP024647.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-9	SDG No.:	Q1982
Lab Sample ID:	Q1982-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.3
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024647.D	1	05/13/25 09:05	05/15/25 21:25	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	400	ug/Kg
108-95-2	Phenol	27.1	U	27.1	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	29.8	U	29.8	210	ug/Kg
95-57-8	2-Chlorophenol	29.9	U	29.9	210	ug/Kg
95-48-7	2-Methylphenol	36.7	U	36.7	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46.0	U	46.0	210	ug/Kg
98-86-2	Acetophenone	36.2	U	36.2	210	ug/Kg
65794-96-9	3+4-Methylphenols	50.4	U	50.4	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	58.2	U	58.2	98.2	ug/Kg
67-72-1	Hexachloroethane	21.6	U	21.6	210	ug/Kg
98-95-3	Nitrobenzene	22.5	U	22.5	210	ug/Kg
78-59-1	Isophorone	40.3	U	40.3	210	ug/Kg
88-75-5	2-Nitrophenol	71.4	U	71.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	79.5	U	79.5	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	37.8	U	37.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	34.7	U	34.7	210	ug/Kg
91-20-3	Naphthalene	27.9	U	27.9	210	ug/Kg
106-47-8	4-Chloroaniline	43.4	U	43.4	210	ug/Kg
87-68-3	Hexachlorobutadiene	31.0	U	31.0	210	ug/Kg
105-60-2	Caprolactam	63.9	U	63.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35.2	U	35.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	31.4	U	31.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24.3	U	24.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35.7	U	35.7	210	ug/Kg
92-52-4	1,1-Biphenyl	26.8	U	26.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	27.6	U	27.6	210	ug/Kg
88-74-4	2-Nitroaniline	59.0	U	59.0	210	ug/Kg
131-11-3	Dimethylphthalate	33.3	U	33.3	210	ug/Kg

Raw Data: **BP024647.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-9	SDG No.:	Q1982
Lab Sample ID:	Q1982-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.3
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024647.D	1	05/13/25 09:05	05/15/25 21:25	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	35.5	U	35.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	41.2	U	41.2	210	ug/Kg
99-09-2	3-Nitroaniline	56.4	U	56.4	210	ug/Kg
83-32-9	Acenaphthene	26.1	U	26.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	400	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	400	ug/Kg
132-64-9	Dibenzofuran	27.9	U	27.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	61.5	U	61.5	210	ug/Kg
84-66-2	Diethylphthalate	34.7	U	34.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32.8	U	32.8	210	ug/Kg
86-73-7	Fluorene	31.0	U	31.0	210	ug/Kg
100-01-6	4-Nitroaniline	78.8	U	78.8	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	40.4	U	40.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34.1	U	34.1	210	ug/Kg
118-74-1	Hexachlorobenzene	31.0	U	31.0	210	ug/Kg
1912-24-9	Atrazine	41.7	U	41.7	210	ug/Kg
87-86-5	Pentachlorophenol	63.0	UQ	63.0	400	ug/Kg
85-01-8	Phenanthrene	25.6	U	25.6	210	ug/Kg
120-12-7	Anthracene	40.9	U	40.9	210	ug/Kg
86-74-8	Carbazole	38.3	U	38.3	210	ug/Kg
84-74-2	Di-n-butylphthalate	58.8	U	58.8	210	ug/Kg
206-44-0	Fluoranthene	120	J	36.8	210	ug/Kg
129-00-0	Pyrene	230		44.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	87.6	U	87.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	45.0	U	45.0	400	ug/Kg
56-55-3	Benzo(a)anthracene	28.2	U	28.2	210	ug/Kg
218-01-9	Chrysene	90.4	J	24.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	72.6	U	72.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	23.3	210	ug/Kg

Raw Data: **BP024647.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-9	SDG No.:	Q1982
Lab Sample ID:	Q1982-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.3
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024647.D	1	05/13/25 09:05	05/15/25 21:25	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	27.5	U	27.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	36.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35.7	U	35.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33.6	U	33.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	31.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31.4	U	31.4	210	ug/Kg
123-91-1	1,4-Dioxane	55.5	U	55.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33.6	U	33.6	210	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	80.9		18 - 112	54%	SPK: 150
13127-88-3	Phenol-d6	79.9		15 - 107	53%	SPK: 150
4165-60-0	Nitrobenzene-d5	44.5		18 - 107	45%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.5		20 - 109	45%	SPK: 100
118-79-6	2,4,6-Tribromophenol	77.1		10 - 116	51%	SPK: 150
1718-51-0	Terphenyl-d14	42.0		10 - 105	42%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	166000	7.663			
1146-65-2	Naphthalene-d8	644000	10.428			
15067-26-2	Acenaphthene-d10	391000	14.292			
1517-22-2	Phenanthrene-d10	756000	17.092			
1719-03-5	Chrysene-d12	888000	21.516			
1520-96-3	Perylene-d12	1080000	24.804			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	AB		4.83	ug/Kg
000119-61-9	Benzophenone	140	J		15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	310	J		18.0	ug/Kg
007715-44-8	2(1H)-Phenanthrenone, 3,4,4a,4b,5,	120	J		20.3	ug/Kg
000295-48-7	Cyclopentadecane	150	J		21.2	ug/Kg
005085-72-3	D:A-Friedooleanan-3-ol, (3.alpha.)	270	J		21.7	ug/Kg

Raw Data: **BP024647.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-9	SDG No.:	Q1982
Lab Sample ID:	Q1982-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.3
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024647.D	1	05/13/25 09:05	05/15/25 21:25	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024647.D
Acq On : 15 May 2025 21:25
Operator : RC/JU
Sample : Q1982-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Time: May 16 01:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	165553	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	643582	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	391444	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	756008	20.000	ng	0.00
76) Chrysene-d12	21.516	240	888340	20.000	ng	0.00
86) Perylene-d12	24.804	264	1083555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	783475	80.943	ng	0.00
7) Phenol-d6	6.857	99	986855	79.884	ng	0.00
23) Nitrobenzene-d5	8.810	82	566935	44.509	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	511425	77.067	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1330245	44.522	ng	0.00
79) Terphenyl-d14	19.810	244	2178084	42.042	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.216	202	139697	2.844	ng	98
78) Pyrene	19.592	202	297430	5.588	ng	98
83) Chrysene	21.563	228	116826m	2.209	ng	
88) Benzo(b)fluoranthene	23.757	252	203807	3.286	ng	97
90) Benzo(a)pyrene	24.639	252	202656	3.402	ng	97
92) Benzo(g,h,i)perylene	29.668	276	182303	2.849	ng	98

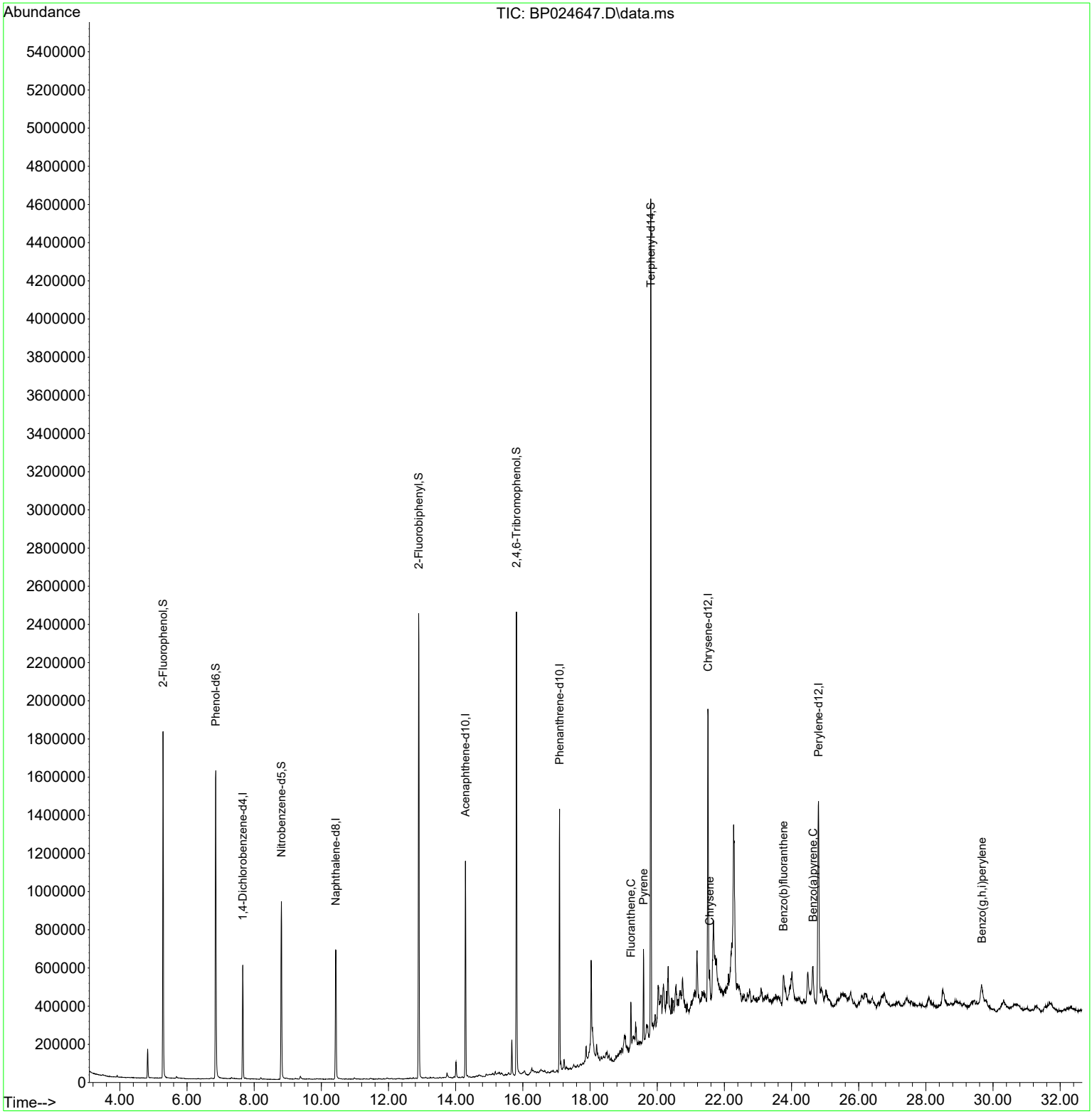
(#) = qualifier out of range (m) = manual integration (+) = signals summed

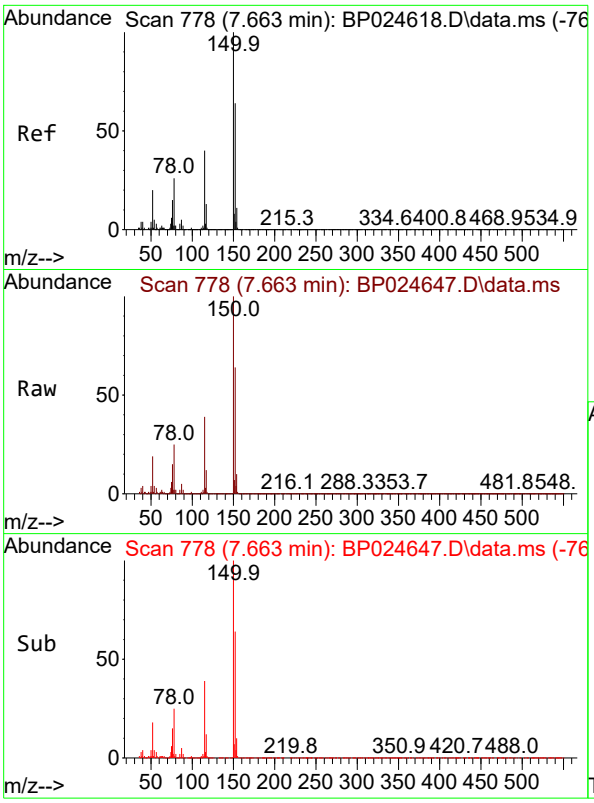
Sample Results: **BP024647.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024647.D
Acq On : 15 May 2025 21:25
Operator : RC/JU
Sample : Q1982-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Time: May 16 01:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



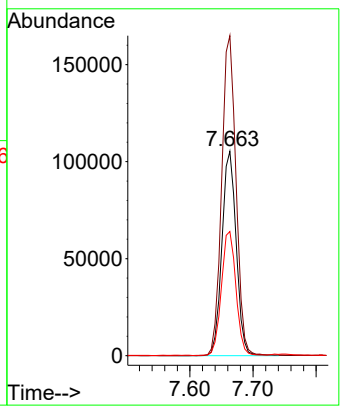


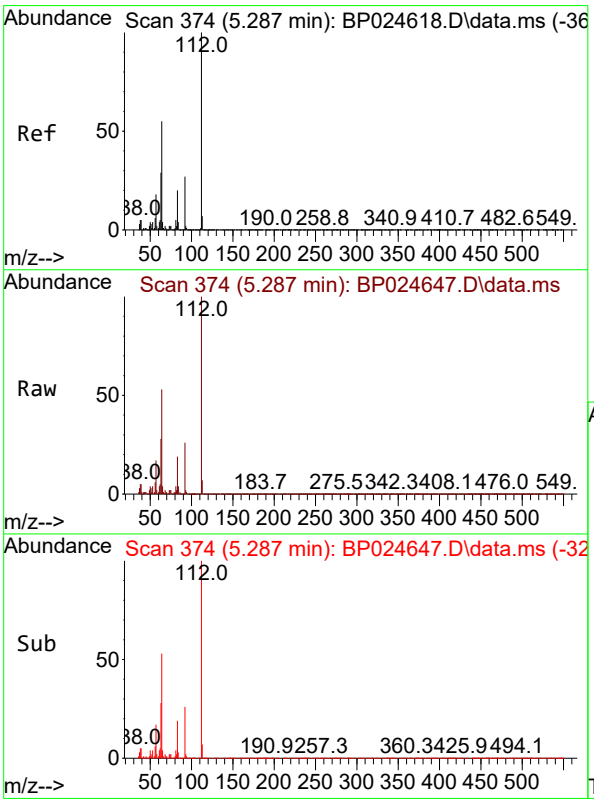
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Instrument :
BNA_P
ClientSampleId :
TP-9

Tgt Ion:152 Resp: 165553

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.9	188.9
115	60.8	50.1	75.1

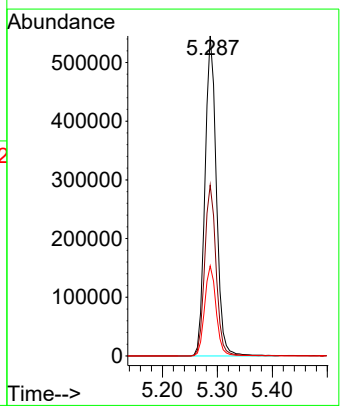


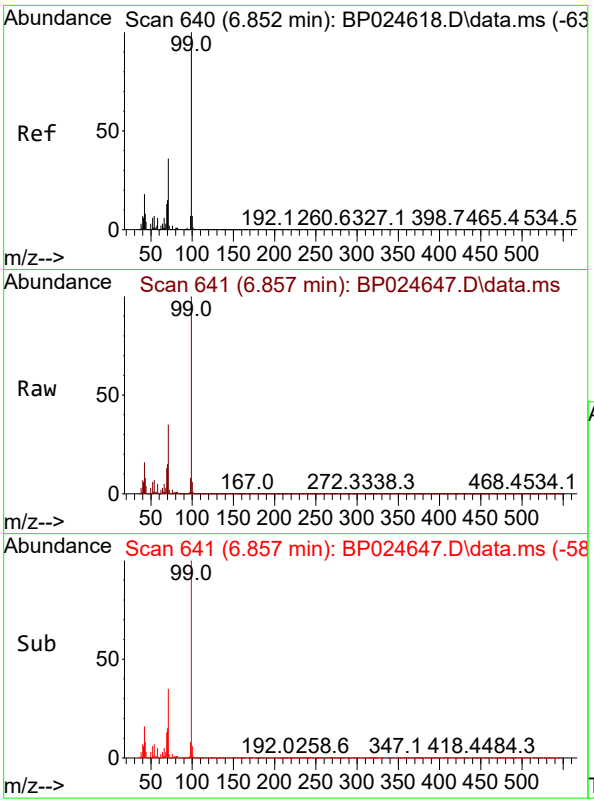


#5
2-Fluorophenol
Concen: 80.943 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Tgt Ion:112 Resp: 783475

Ion	Ratio	Lower	Upper
112	100		
64	53.4	44.1	66.1
63	28.2	23.5	35.3



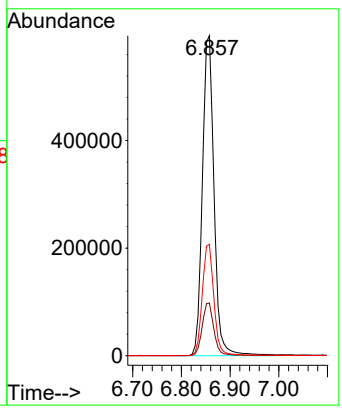


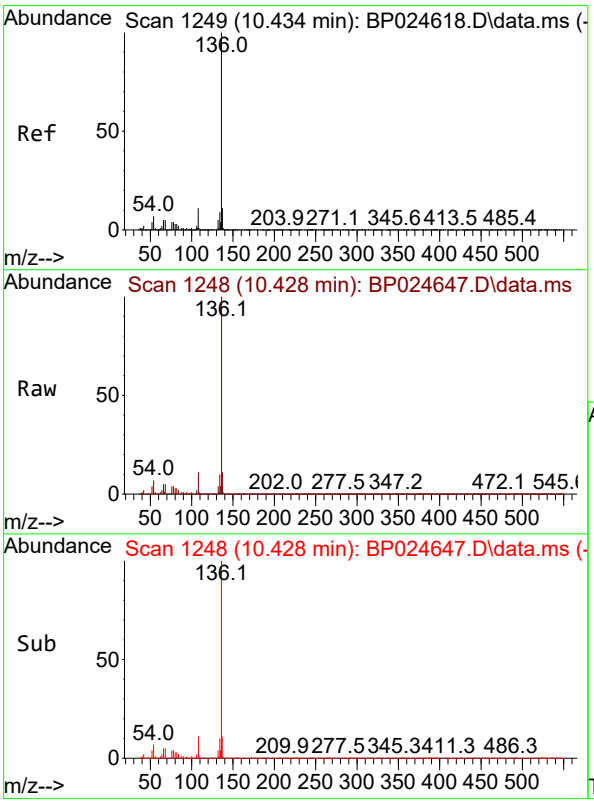
#7
Phenol-d6
Concen: 79.884 ng
RT: 6.857 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Instrument :
BNA_P
ClientSampleId :
TP-9

Tgt Ion: 99 Resp: 986855

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.4	21.6
71	34.8	29.2	43.8

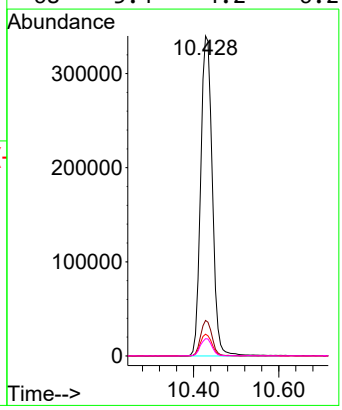


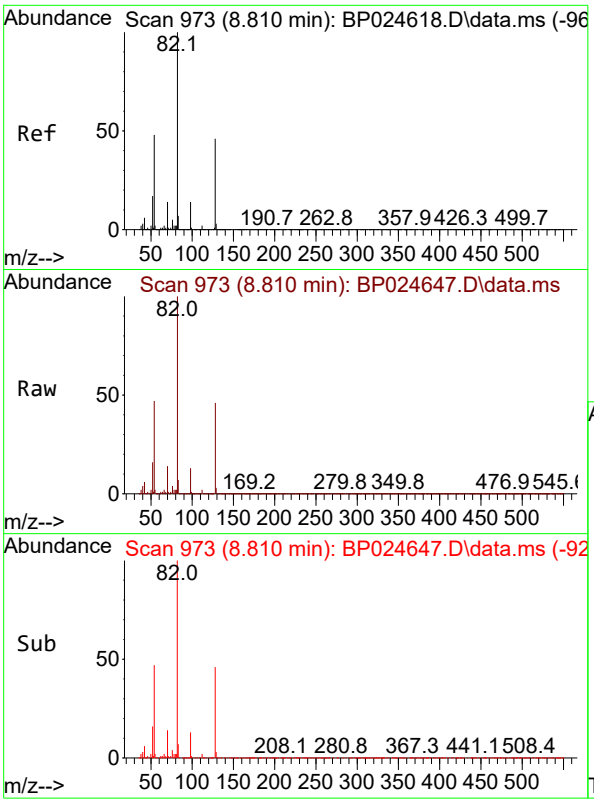


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Tgt Ion:136 Resp: 643582

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.8	5.5	8.3
68	5.4	4.2	6.2



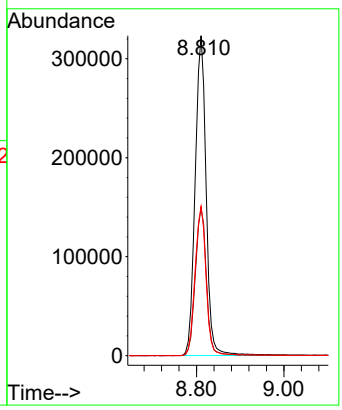


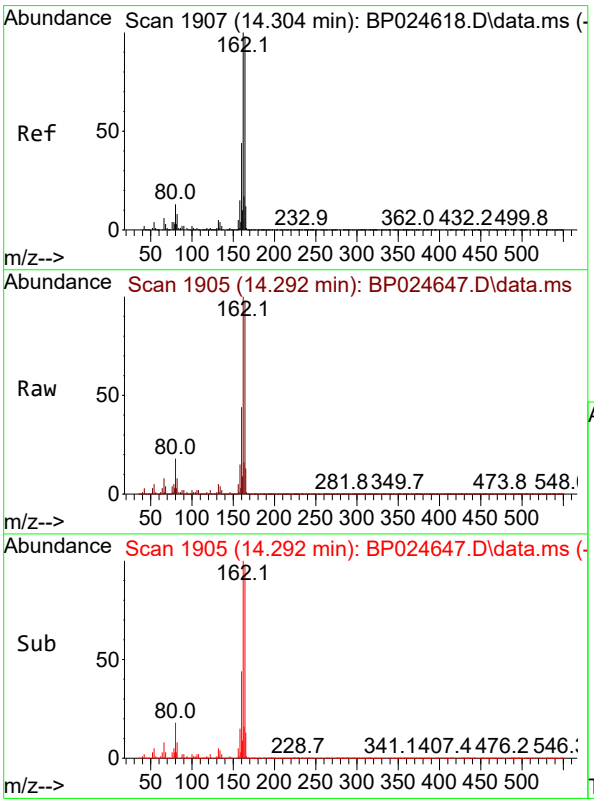
#23
Nitrobenzene-d5
Concen: 44.509 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Instrument :
BNA_P
ClientSampleId :
TP-9

Tgt Ion: 82 Resp: 566935

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	46.7	38.7	58.1

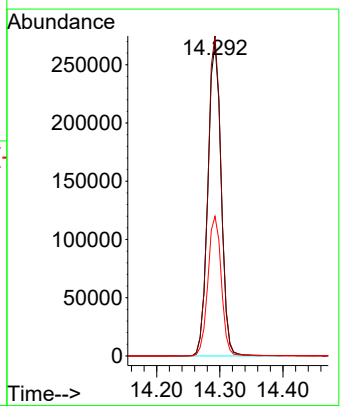


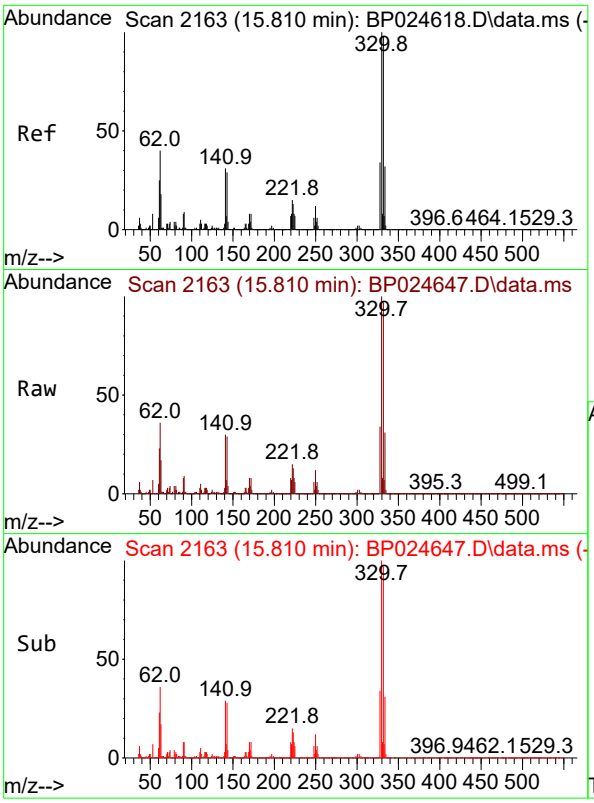


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Tgt Ion:164 Resp: 391444

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.6
160	44.7	36.3	54.5



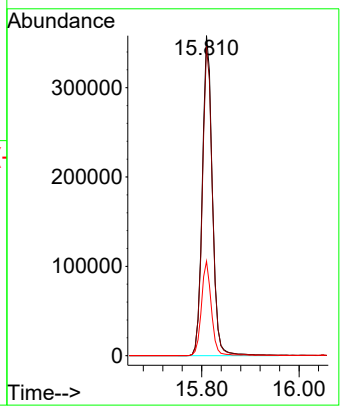


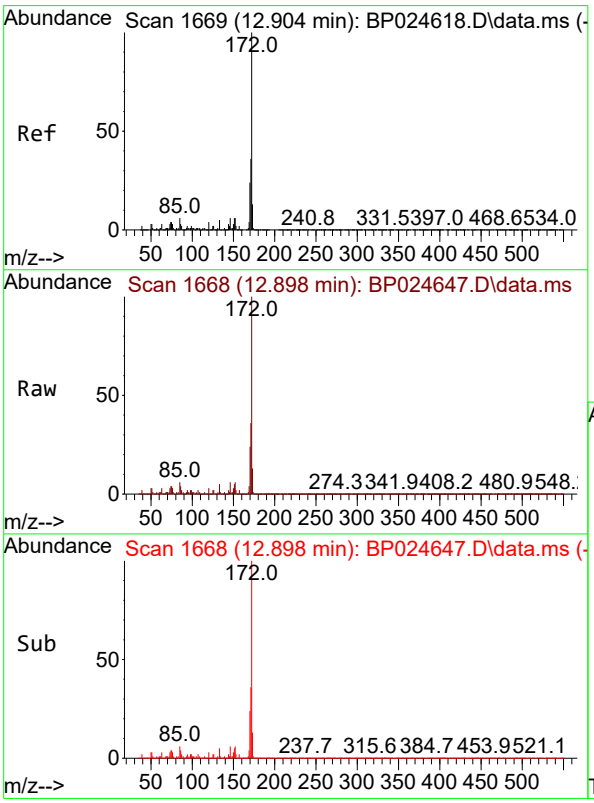
#42
2,4,6-Tribromophenol
Concen: 77.067 ng
RT: 15.810 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Instrument :
BNA_P
ClientSampleId :
TP-9

Tgt Ion:330 Resp: 511425

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.2	117.4
141	28.9	24.3	36.5

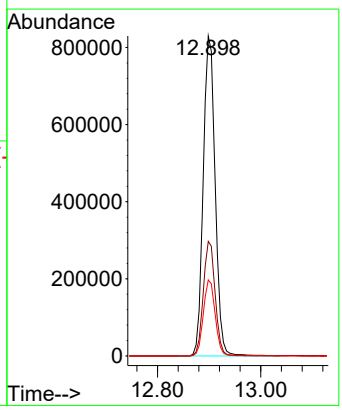


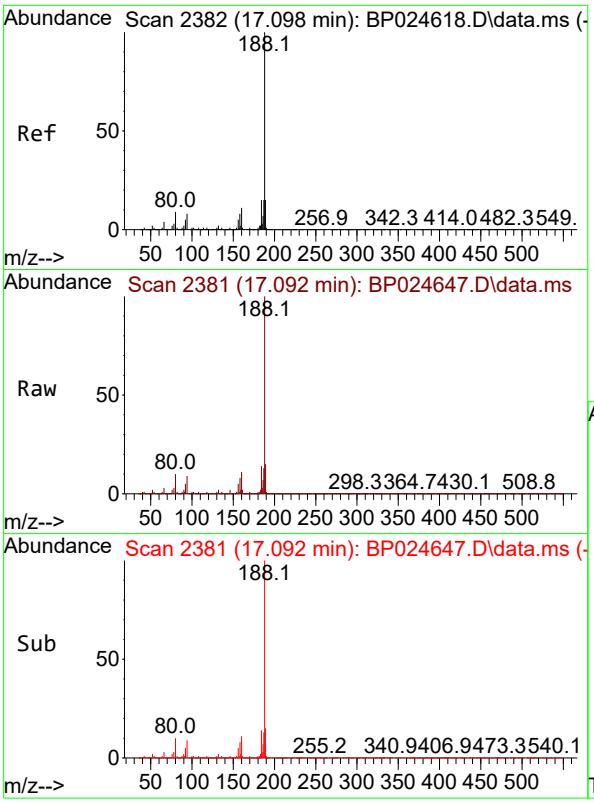


#45
2-Fluorobiphenyl
Concen: 44.522 ng
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Tgt Ion:172 Resp: 1330245

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.7	18.8	28.2



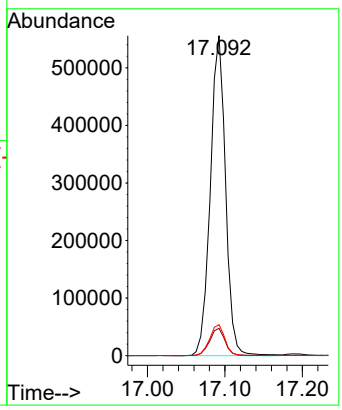


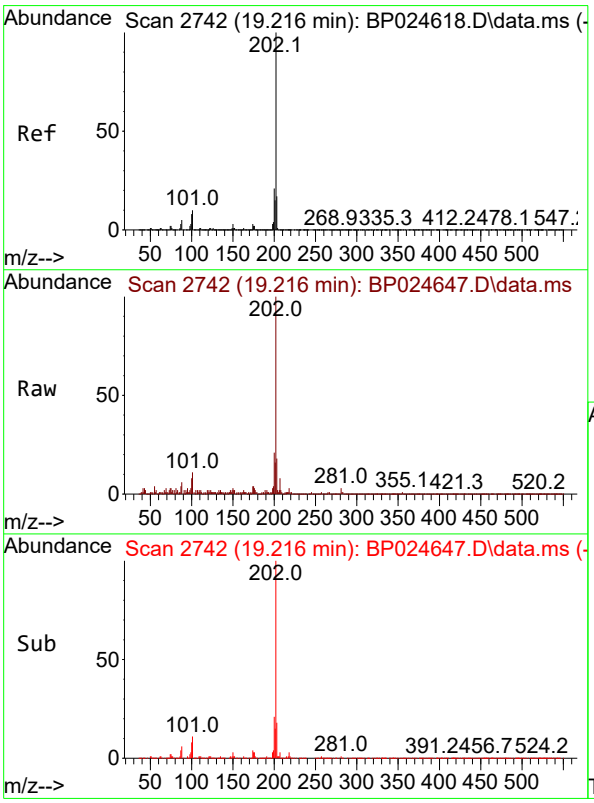
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Instrument :
BNA_P
ClientSampleId :
TP-9

Tgt Ion:188 Resp: 756008

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.5	9.7
80	9.7	7.3	10.9

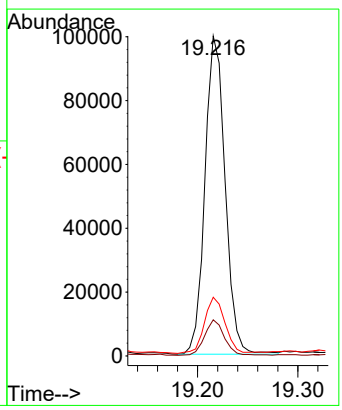


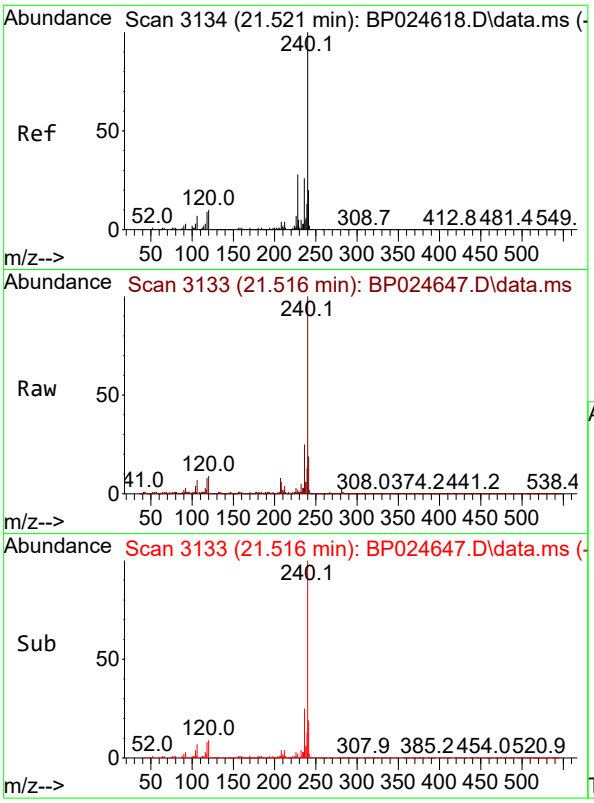


#75
Fluoranthene
Concen: 2.844 ng
RT: 19.216 min Scan# 2742
Delta R.T. -0.000 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Tgt Ion:202 Resp: 139697

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.3
203	18.3	0.0	37.5



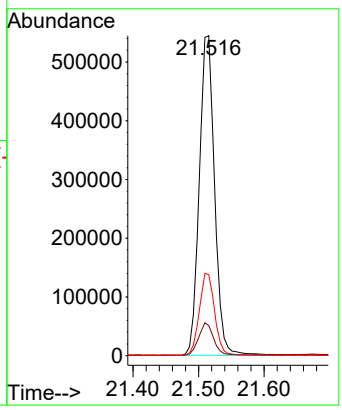


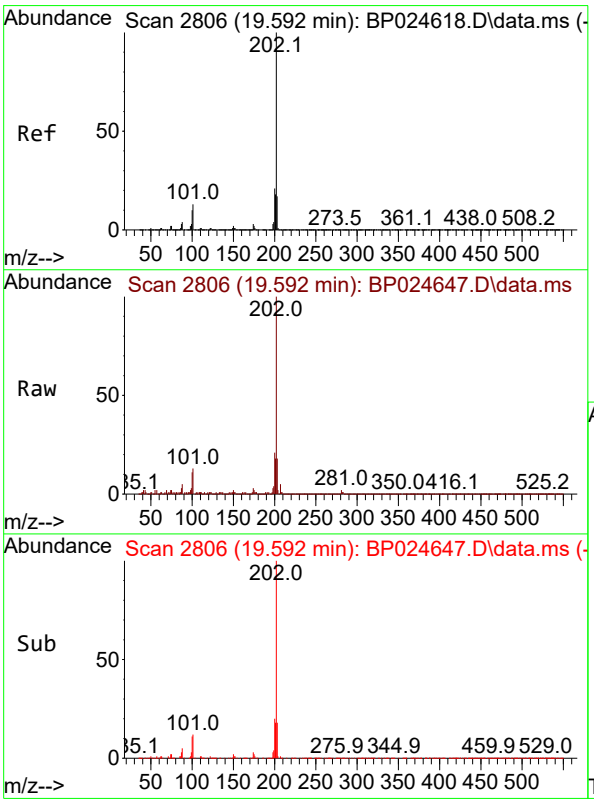
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Instrument :
BNA_P
ClientSampleId :
TP-9

Tgt Ion:240 Resp: 888340

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.8	11.6
236	25.3	20.6	31.0

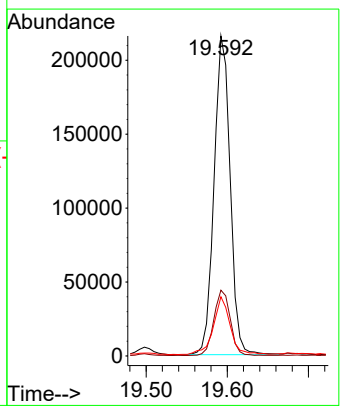


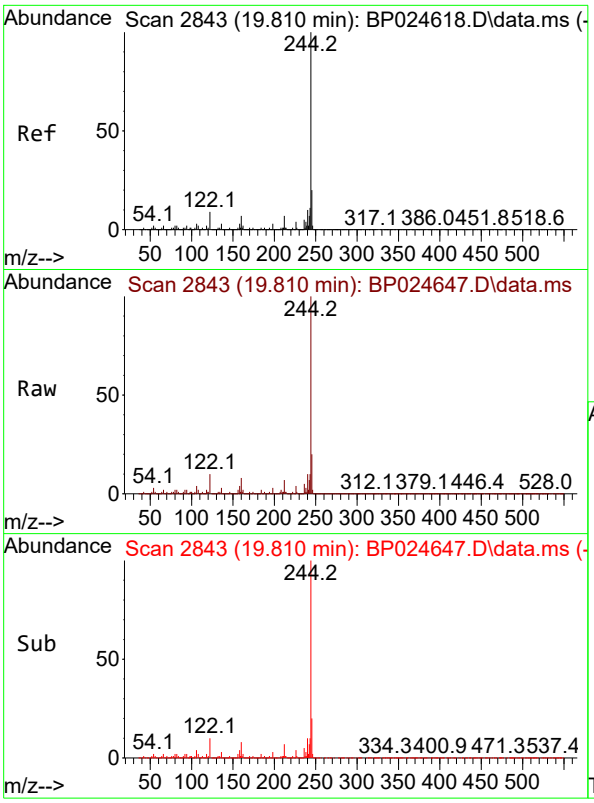


#78
Pyrene
Concen: 5.588 ng
RT: 19.592 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Tgt Ion:202 Resp: 297430

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	18.5	13.9	20.9



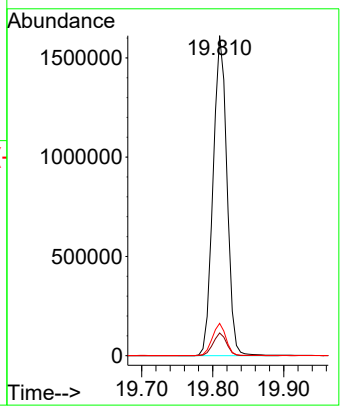


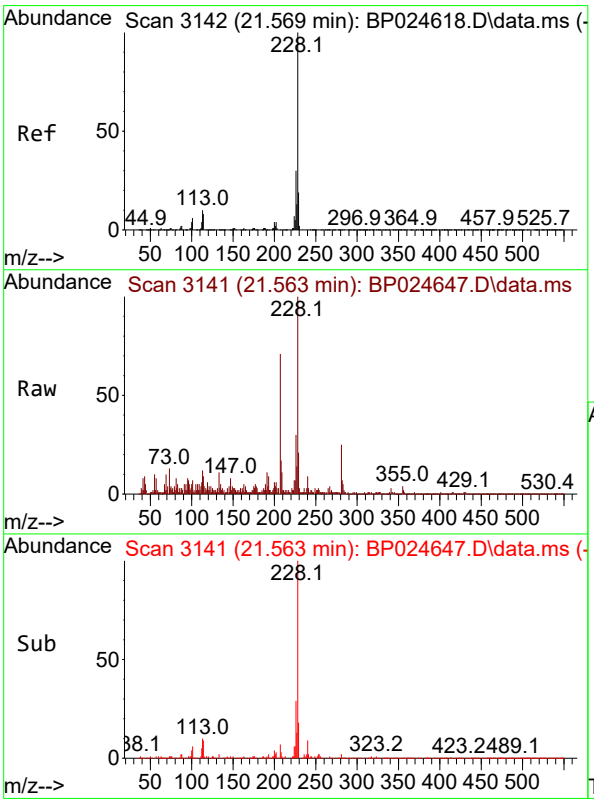
#79
Terphenyl-d14
Concen: 42.042 ng
RT: 19.810 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Instrument :
BNA_P
ClientSampleId :
TP-9

Tgt Ion:244 Resp: 2178084

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	10.1	7.4	11.0

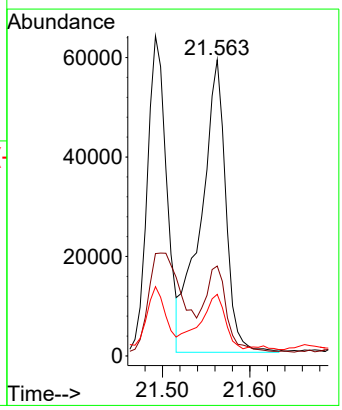


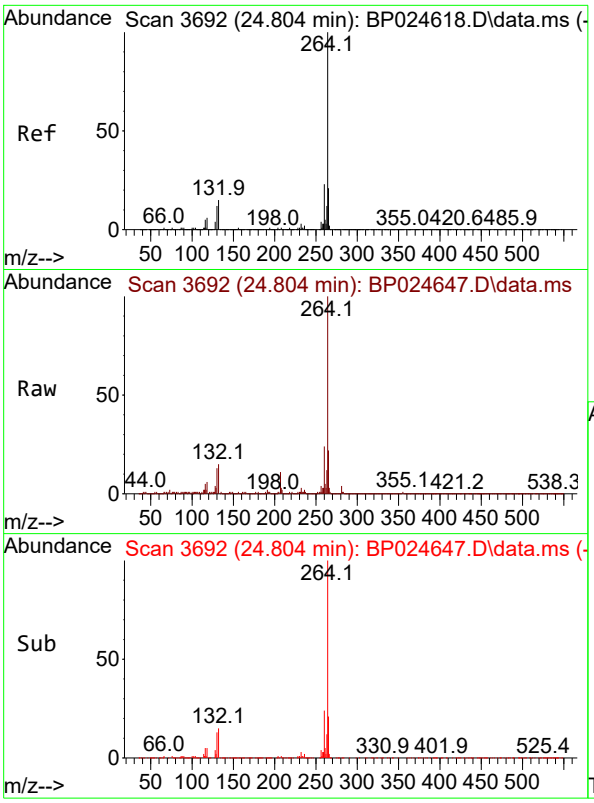


#83
Chrysene
Concen: 2.209 ng m
RT: 21.563 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Tgt Ion:228 Resp: 116826

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	20.8	15.5	23.3



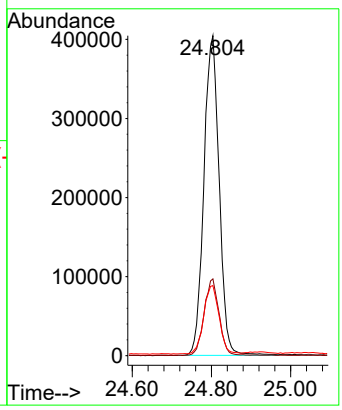


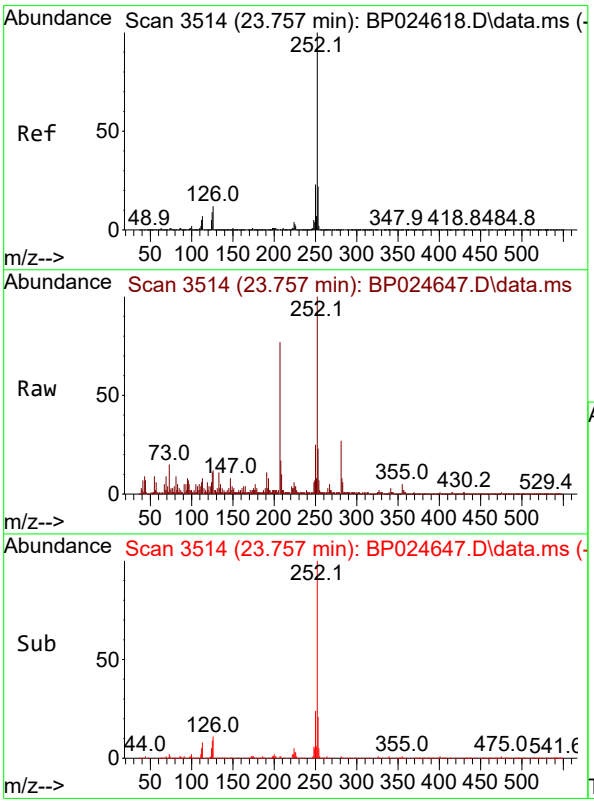
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.804 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Instrument :
BNA_P
ClientSampleId :
TP-9

Tgt Ion:264 Resp: 1083555

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.9	17.0	25.6

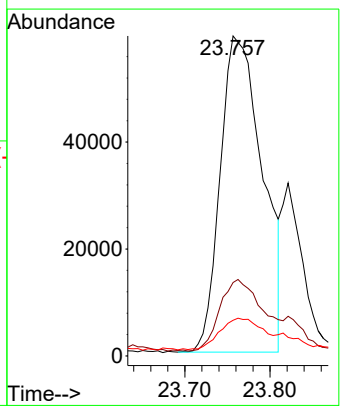


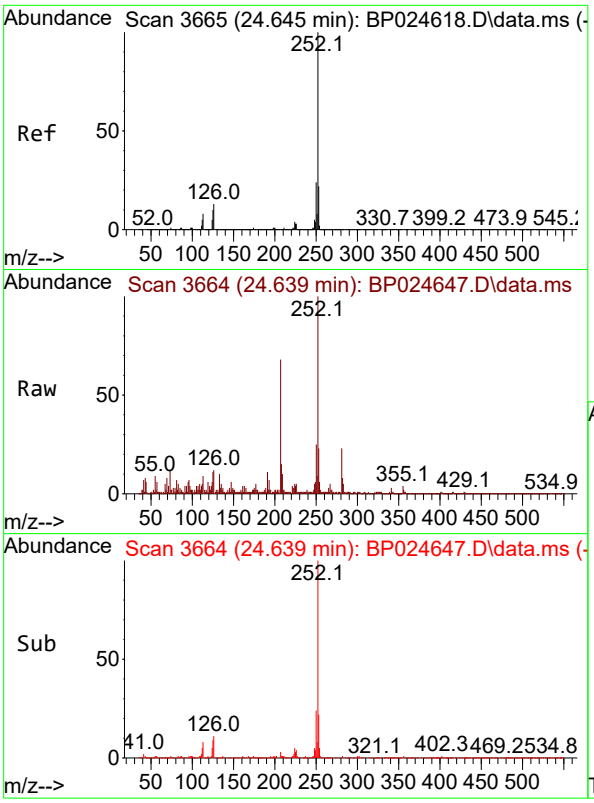


#88
Benzo(b)fluoranthene
Concen: 3.286 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Tgt Ion:252 Resp: 203807

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	11.1	7.5	11.3



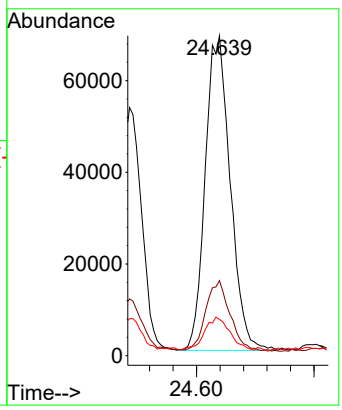


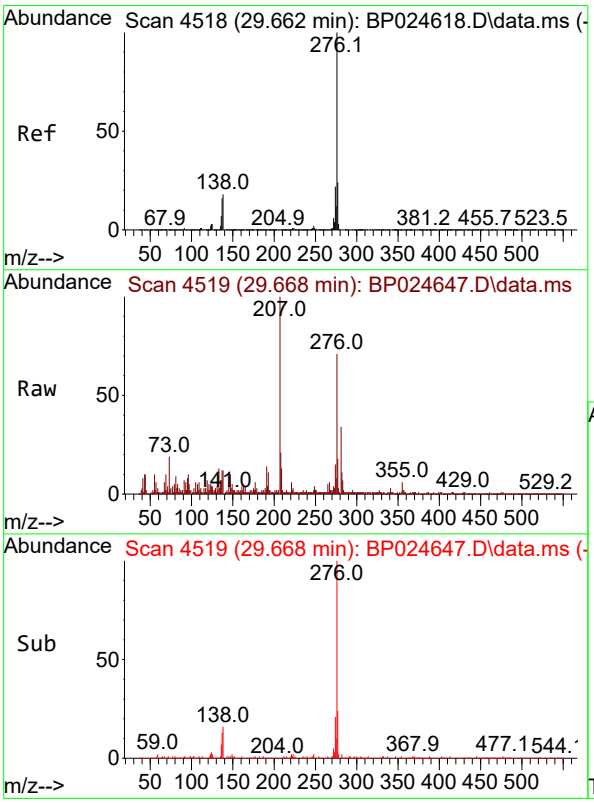
#90
Benzo(a)pyrene
Concen: 3.402 ng
RT: 24.639 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Instrument :
BNA_P
ClientSampleId :
TP-9

Tgt Ion:252 Resp: 202656

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	11.3	8.1	12.1

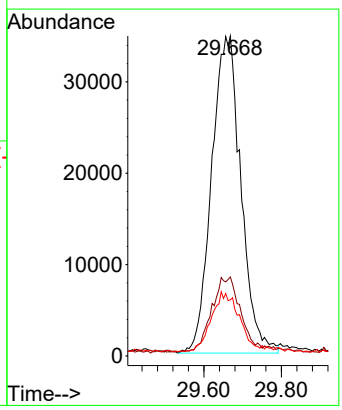




#92
Benzo(g,h,i)perylene
Concen: 2.849 ng
RT: 29.668 min Scan# 4519
Delta R.T. 0.006 min
Lab File: BP024647.D
Acq: 15 May 2025 21:25

Tgt Ion:276 Resp: 182303

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.4
138	17.5	14.4	21.6



Sample Results: **BP024647.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024647.D
Acq On : 15 May 2025 21:25
Operator : RC/JU
Sample : Q1982-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024647.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.828	291	296	308	rBV	152331	221666	3.85%	0.602%
2	5.287	368	374	391	rBV	1814276	2608604	45.34%	7.088%
3	6.857	633	641	660	rBV	1613109	2703579	46.99%	7.346%
4	7.663	771	778	787	rBV	596239	952319	16.55%	2.588%
5	8.810	964	973	987	rBV	933266	1645109	28.59%	4.470%
6	10.428	1239	1248	1262	rBV	676921	1300422	22.60%	3.533%
7	12.898	1660	1668	1688	rBV	2438401	3917324	68.09%	10.644%
8	14.010	1852	1857	1870	rVB	82089	140692	2.45%	0.382%
9	14.292	1898	1905	1913	rBV	1132555	1654867	28.76%	4.496%
10	15.675	2134	2140	2154	rVB	186742	290748	5.05%	0.790%
11	15.810	2154	2163	2179	rBV	2429109	3503037	60.89%	9.518%
12	17.092	2374	2381	2386	rBV2	1380414	1901181	33.04%	5.166%
13	17.227	2400	2404	2410	rVB	51847	92992	1.62%	0.253%
14	17.886	2511	2516	2519	rBV2	68912	109100	1.90%	0.296%
15	18.033	2536	2541	2546	rBV	443822	715259	12.43%	1.943%
16	18.198	2565	2569	2573	rBV2	57037	82074	1.43%	0.223%
17	19.216	2738	2742	2747	rBV	226345	316214	5.50%	0.859%
18	19.357	2763	2766	2768	rBV	92507	94710	1.65%	0.257%
19	19.592	2802	2806	2811	rVB	473482	608060	10.57%	1.652%
20	19.810	2838	2843	2849	rBV	4356004	5753424	100.00%	15.633%
21	20.027	2877	2880	2881	rBV	116745	111510	1.94%	0.303%
22	20.327	2926	2931	2937	rVB2	213648	382291	6.64%	1.039%
23	20.757	3001	3004	3011	rVB7	128702	242215	4.21%	0.658%
24	21.186	3072	3077	3088	rVB2	251226	498532	8.66%	1.355%
25	21.510	3126	3132	3139	rBV2	1518788	2714051	47.17%	7.374%
26	21.674	3153	3160	3166	rBV4	330072	894428	15.55%	2.430%
27	22.274	3257	3262	3264	rBV3	545626	815956	14.18%	2.217%
28	24.804	3684	3692	3701	rVB	1006573	2533558	44.04%	6.884%

Sum of corrected areas: 36803922

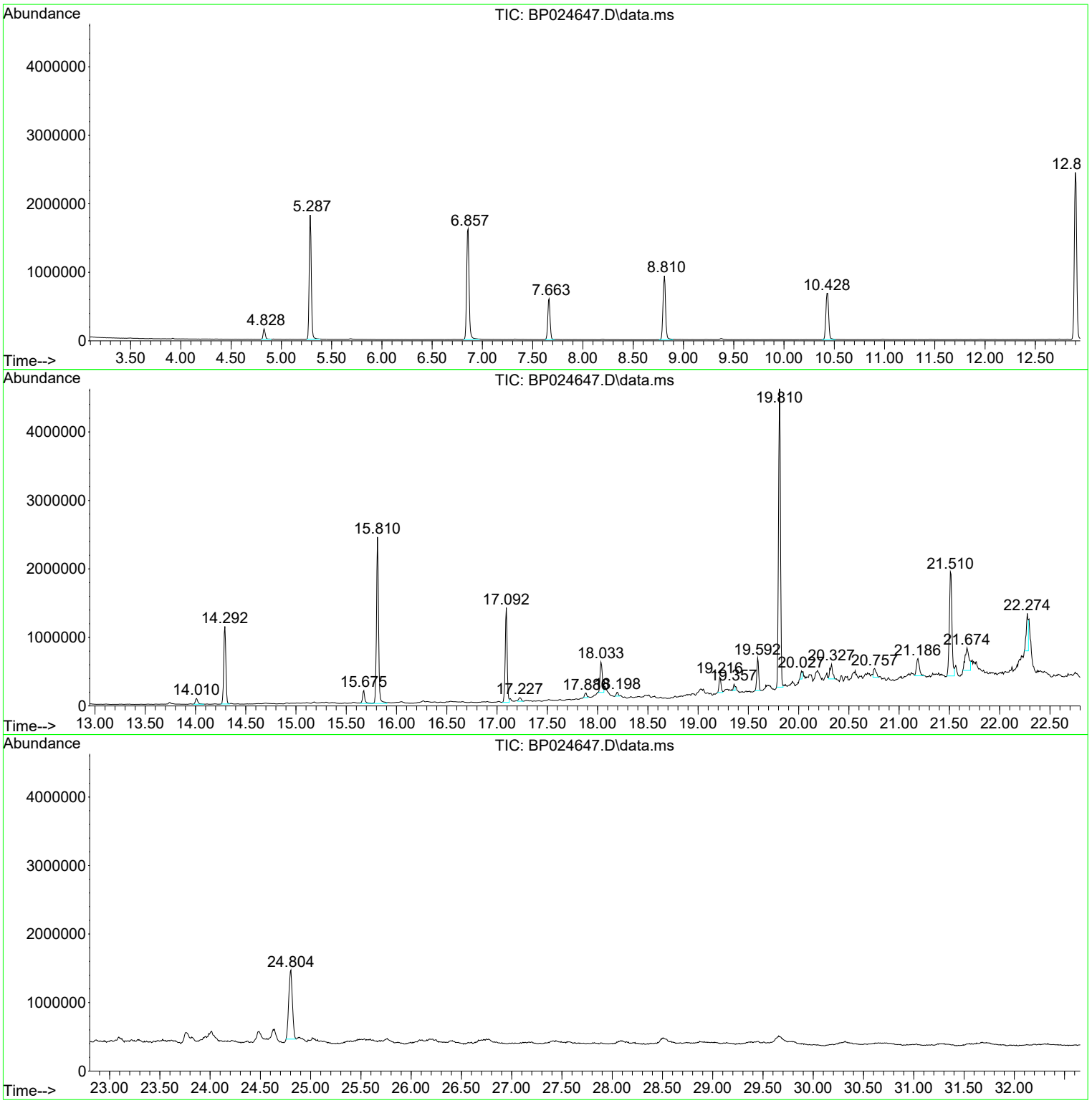
Sample Results: **BP024647.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024647.D
Acq On : 15 May 2025 21:25
Operator : RC/JU
Sample : Q1982-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BP024647.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024647.D
Acq On : 15 May 2025 21:25
Operator : RC/JU
Sample : Q1982-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

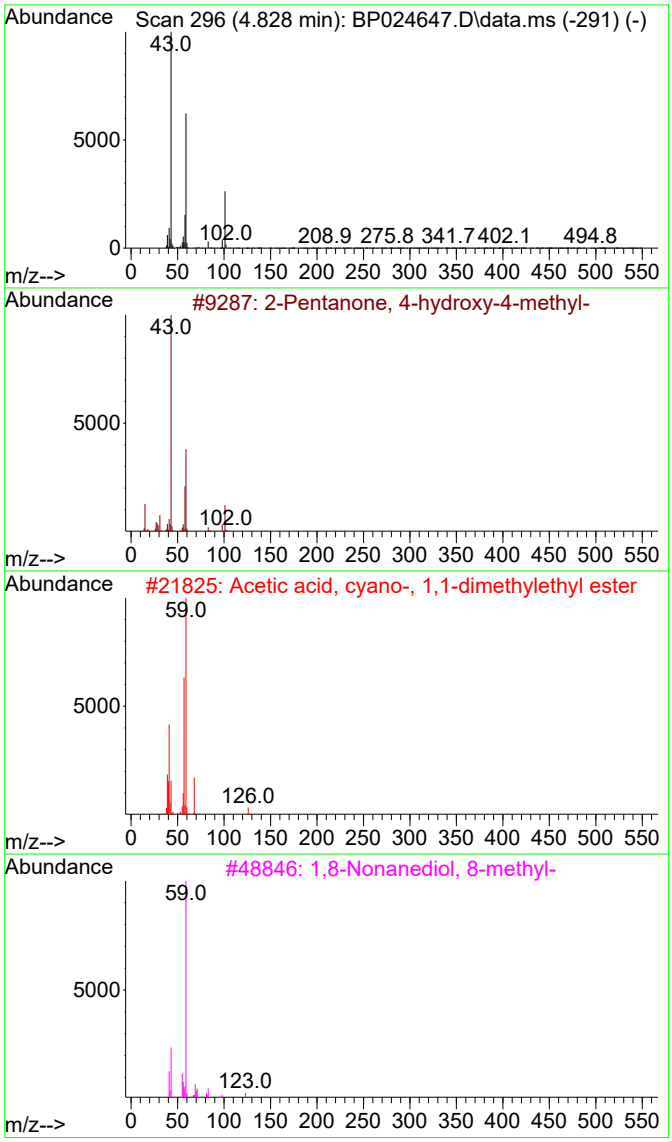
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

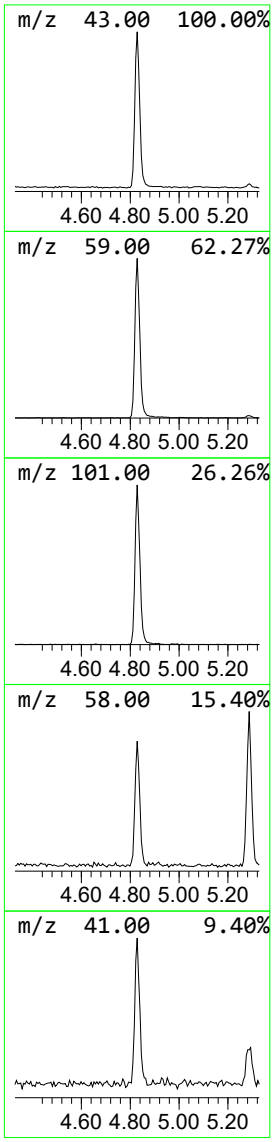
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.828	4.66 ng	221666	1,4-Dichlorobenzene-d4	7.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024647.D
Acq On : 15 May 2025 21:25
Operator : RC/JU
Sample : Q1982-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

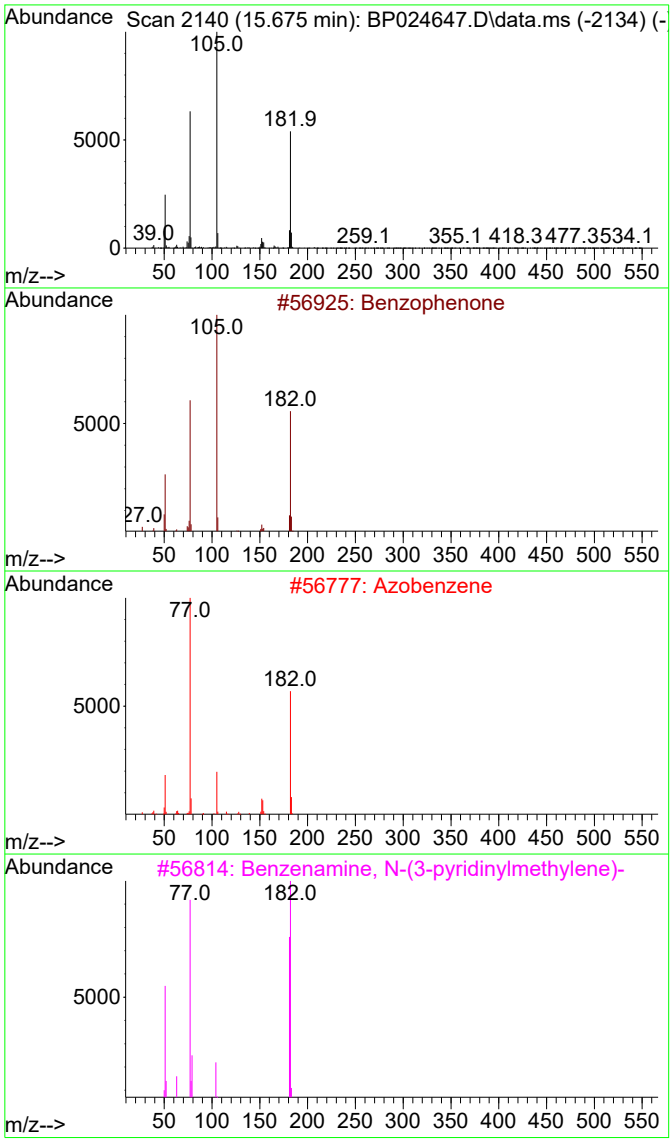
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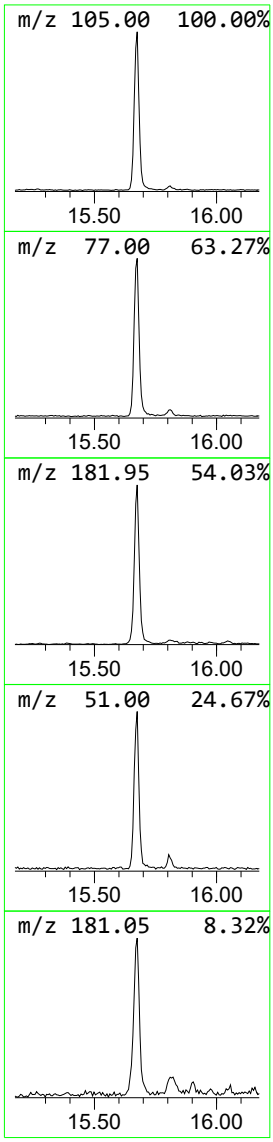
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Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.675	3.51 ng	290748	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	40
5	Clidinium Bromide	431	C22H26BrNO3	003485-62-9	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024647.D
Acq On : 15 May 2025 21:25
Operator : RC/JU
Sample : Q1982-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

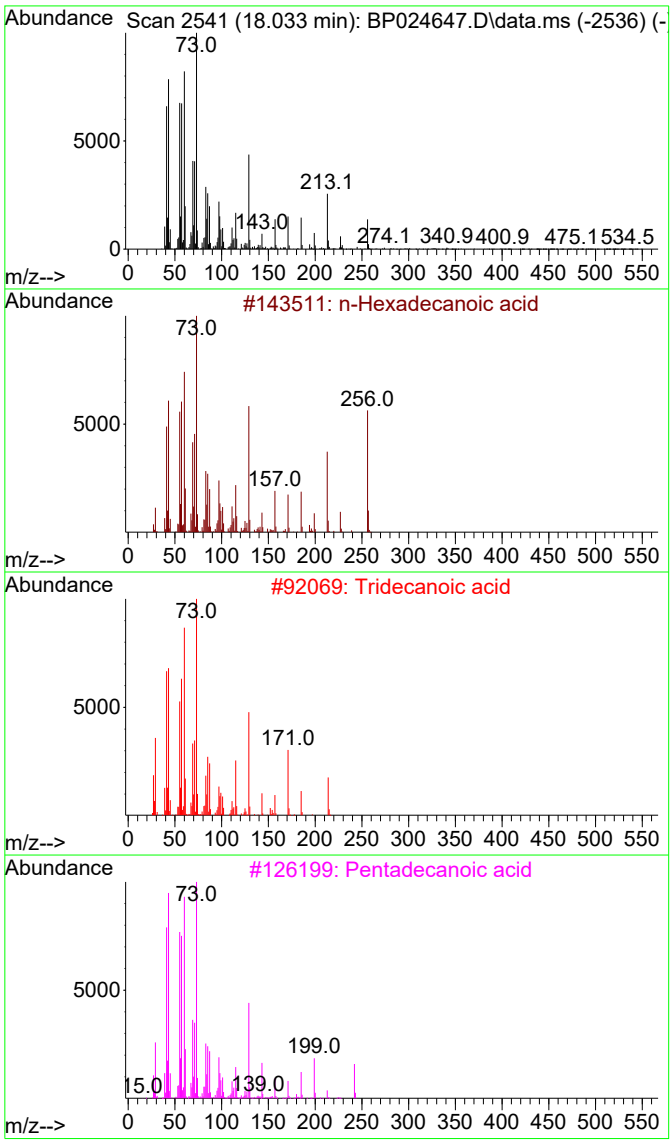
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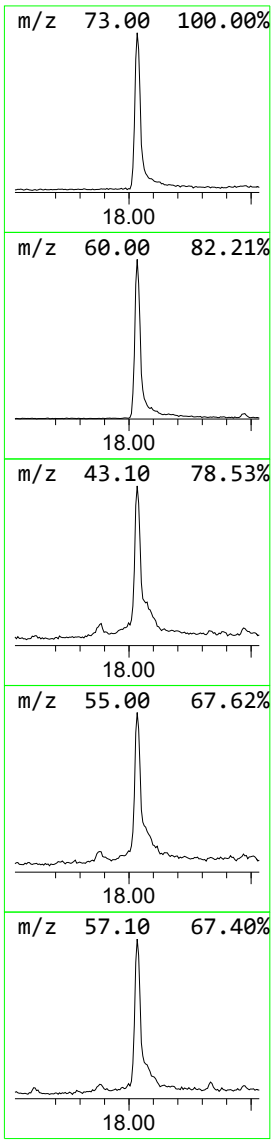
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.033	7.52 ng	715259	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Undecanoic acid	186	C11H22O2	000112-37-8	83





Sample Results: **BP024647.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024647.D
Acq On : 15 May 2025 21:25
Operator : RC/JU
Sample : Q1982-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

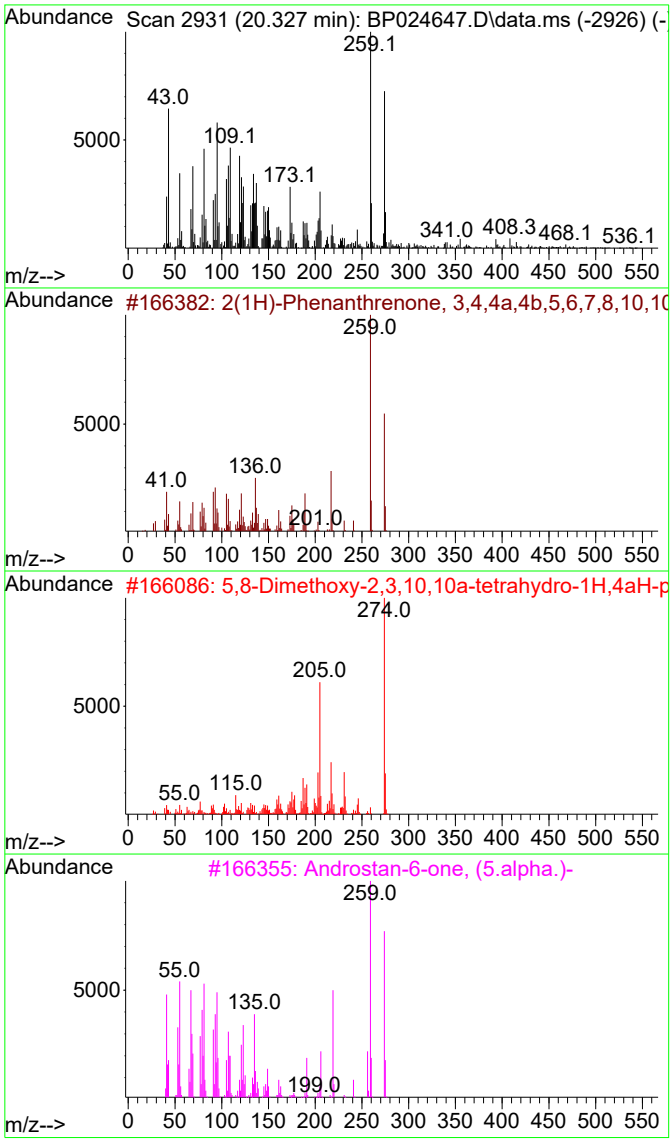
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

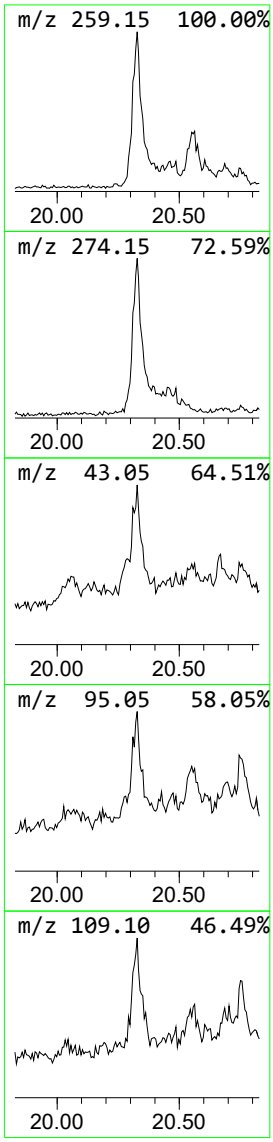
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2(1H)-Phenanthrenone, 3,4,4... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.327	2.82 ng	382291	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	83
2	5,8-Dimethoxy-2,3,10,10a-tetrahy...	274	C16H18O4	093240-99-4	56
3	Androstan-6-one, (5.alpha.)-	274	C19H30O	003676-06-0	53
4	(3S,6bR,8aR,12bS,14aR)-4,4,6b,8a...	468	C32H52O2	1000441-99-4	53
5	D-Homoandrostane, (5.alpha.,13.a...	274	C20H34	054482-31-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024647.D
Acq On : 15 May 2025 21:25
Operator : RC/JU
Sample : Q1982-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

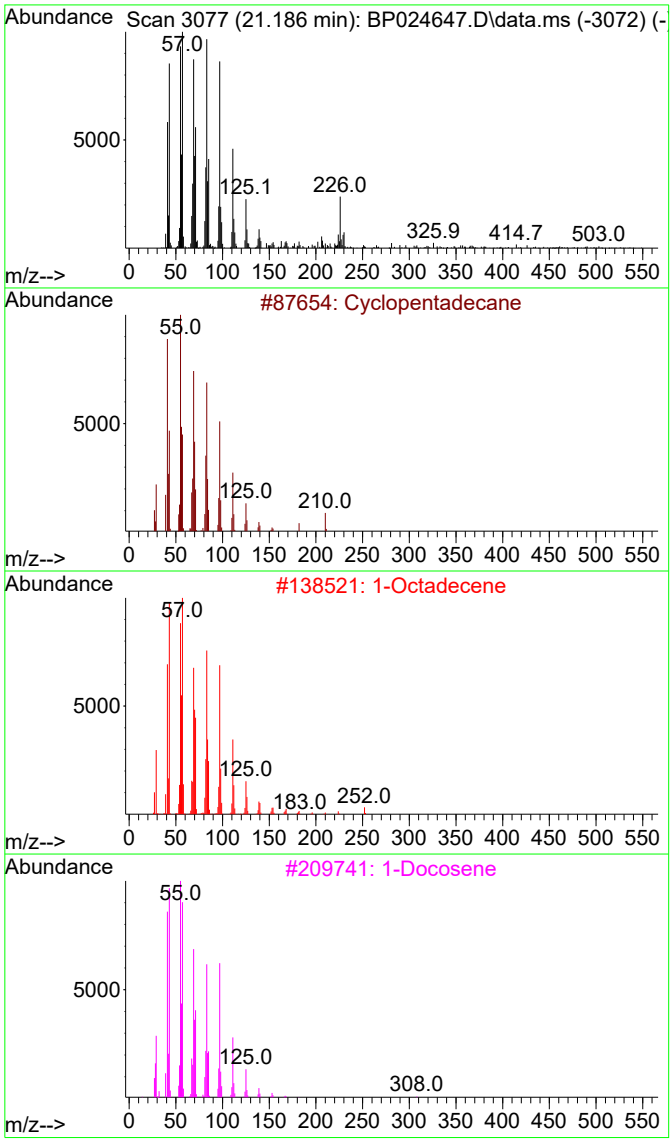
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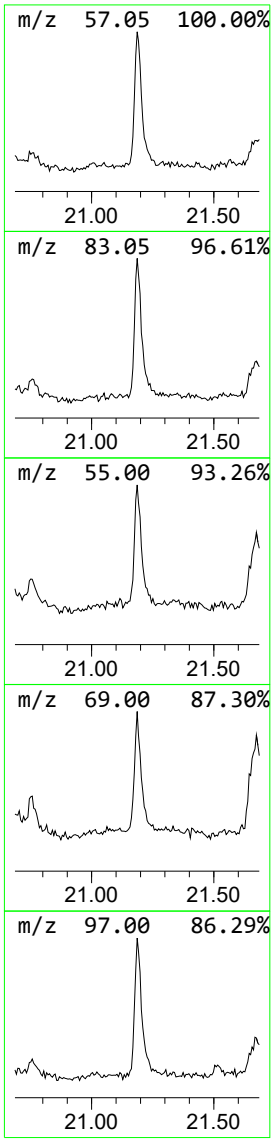
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Peak Number 5 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	3.67 ng	498532	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	1-Octadecene	252	C18H36	000112-88-9	96
3	1-Docosene	308	C22H44	001599-67-3	94
4	1-Tricosene	322	C23H46	018835-32-0	94
5	Cyclohexadecane	224	C16H32	000295-65-8	94





Sample Results: **BP024647.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024647.D
Acq On : 15 May 2025 21:25
Operator : RC/JU
Sample : Q1982-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

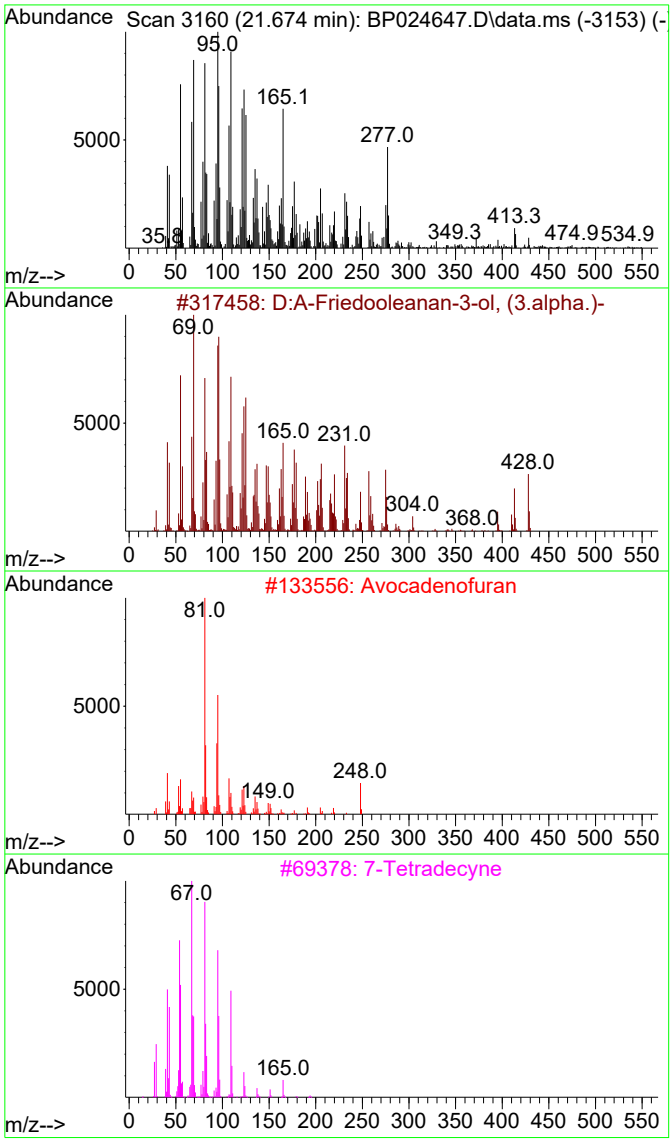
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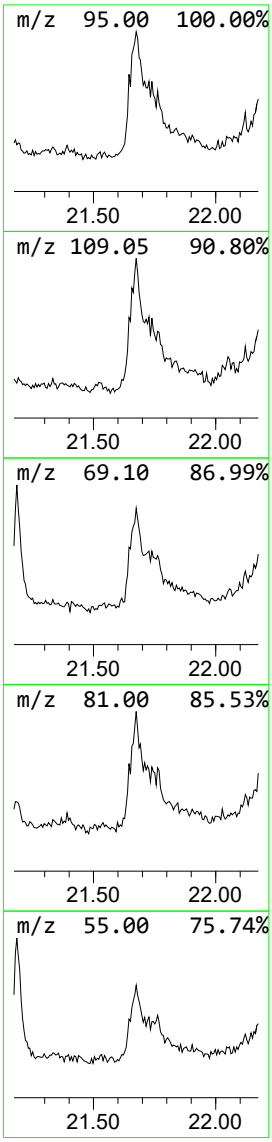
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 D:A-Friedooleanan-3-ol, (3.... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.674	6.59 ng	894428	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D:A-Friedooleanan-3-ol, (3.alpha.)-	428	C30H52O	005085-72-3	86
2	Avocadenofuran	248	C17H28O	025346-24-1	55
3	7-Tetradecyne	194	C14H26	035216-11-6	45
4	2-(Benzyloxymethyl)-5-methylfuran	202	C13H14O2	223696-93-3	38
5	Naphthalene, decahydro-1,6-dimet...	278	C20H38	056248-64-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024647.D
Acq On : 15 May 2025 21:25
Operator : RC/JU
Sample : Q1982-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

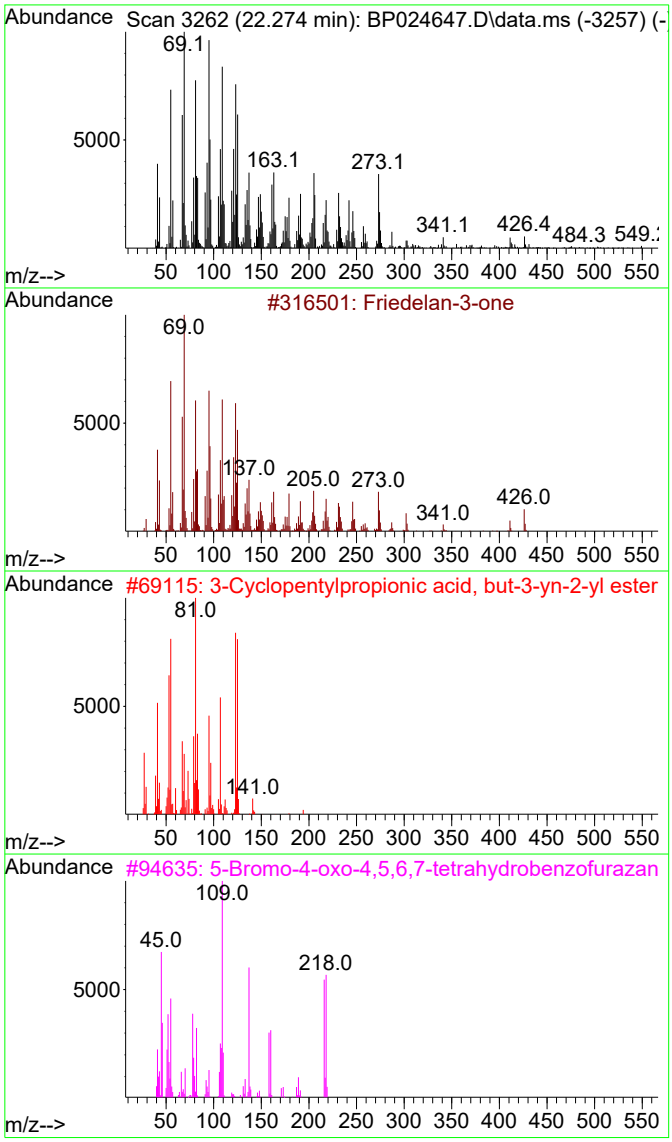
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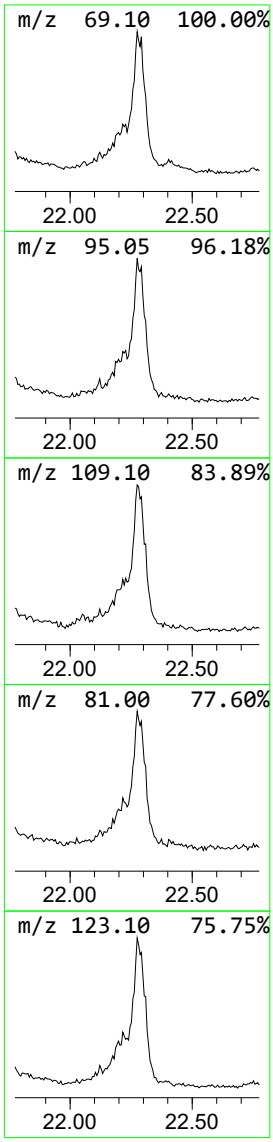
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Peak Number 7 Friedelan-3-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.274	6.01 ng	815956	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one	426	C30H50O	000559-74-0	90
2	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	60
3	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
4	Silane, monochloride, methylviny...	218	C10H19ClOSi	1000421-09-7	55
5	1H-Cycloprop[e]azulen-4-ol, deca...	222	C15H26O	000552-02-3	53





Sample Results: **BP024647.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024647.D
Acq On : 15 May 2025 21:25
Operator : RC/JU
Sample : Q1982-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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-...	4.828	4.7	ng	221666	1	7.663	952319	20.0
Benzophenone	15.675	3.5	ng	290748	3	14.292	1654870	20.0
n-Hexadecanoic ...	18.033	7.5	ng	715259	4	17.092	1901180	20.0
2(1H)-Phenanthr...	20.327	2.8	ng	382291	5	21.515	2714050	20.0
Cyclopentadecane	21.186	3.7	ng	498532	5	21.515	2714050	20.0
D:A-Friedoolean...	21.674	6.6	ng	894428	5	21.515	2714050	20.0
Friedelan-3-one	22.274	6.0	ng	815956	5	21.515	2714050	20.0

CALIBRATION SUMMARY

Raw Data

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: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

Instrument ID: BNA_F Calibration Date(s): 05/05/2025 05/05/2025

Calibration Time(s): 13:54 17:15

LAB FILE ID: RRF2.5 = BF142295.D RRF005 = BF142296.D RRF010 = BF142297.D
RRF020 = BF142298.D RRF040 = BF142299.D RRF050 = BF142300.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.212	1.177	1.211	1.126	1.224	1.172	4.4
Benzaldehyde		1.049	0.959	0.903	0.734	0.752	0.843	17.7
Phenol-d6		1.510	1.458	1.489	1.375	1.500	1.441	4.6
Phenol		1.599	1.528	1.584	1.472	1.580	1.531	4.1
bis(2-Chloroethyl)ether		1.789	1.543	1.510	1.353	1.516	1.506	9.5
2-Chlorophenol		1.202	1.223	1.263	1.221	1.346	1.252	4.0
2-Methylphenol		1.033	1.008	1.022	0.972	1.070	1.014	3.3
2,2-oxybis(1-Chloropropane)		2.379	2.310	2.325	2.135	2.341	2.249	5.5
Acetophenone		0.505	0.474	0.464	0.416	0.446	0.445	9.0
3+4-Methylphenols		1.354	1.281	1.322	1.218	1.333	1.265	6.5
n-Nitroso-di-n-propylamine	0.840	0.943	0.915	0.918	0.860	0.933	0.891	4.7
Nitrobenzene-d5		0.289	0.304	0.336	0.327	0.360	0.328	7.5
Hexachloroethane		0.473	0.464	0.488	0.463	0.511	0.478	3.8
Nitrobenzene		0.281	0.293	0.316	0.306	0.337	0.309	6.0
Isophorone		0.639	0.623	0.630	0.586	0.648	0.621	3.5
2-Nitrophenol		0.089	0.097	0.121	0.132	0.154	0.129	21.5
2,4-Dimethylphenol		0.311	0.314	0.321	0.298	0.329	0.312	3.5
bis(2-Chloroethoxy)methane		0.430	0.414	0.418	0.374	0.408	0.399	6.1
2,4-Dichlorophenol		0.245	0.251	0.278	0.263	0.288	0.265	5.7
Naphthalene		1.102	1.031	1.028	0.906	0.978	0.969	9.5
4-Chloroaniline		0.373	0.373	0.398	0.383	0.435	0.395	5.8
Hexachlorobutadiene		0.188	0.182	0.181	0.168	0.185	0.177	5.3
Caprolactam		0.063	0.068	0.078	0.079	0.088	0.077	11.4
4-Chloro-3-methylphenol		0.281	0.270	0.283	0.265	0.290	0.276	3.7
2-Methylnaphthalene		0.672	0.636	0.635	0.569	0.615	0.602	8.6
Hexachlorocyclopentadiene		0.286	0.303	0.349	0.343	0.388	0.345	11.2
2,4,6-Trichlorophenol		0.306	0.320	0.360	0.351	0.393	0.352	8.5
2-Fluorobiphenyl		1.737	1.605	1.532	1.272	1.337	1.403	16.3
2,4,5-Trichlorophenol		0.339	0.353	0.390	0.363	0.413	0.375	7.0
1,1-Biphenyl		1.727	1.641	1.637	1.411	1.567	1.533	9.8
2-Chloronaphthalene		1.256	1.198	1.193	1.058	1.155	1.140	7.4
2-Nitroaniline		0.205	0.240	0.292	0.298	0.344	0.292	17.9
Dimethylphthalate		1.338	1.295	1.344	1.210	1.342	1.284	5.0
Acenaphthylene		2.083	2.025	2.009	1.783	1.958	1.908	7.9

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

Instrument ID: BNA_F Calibration Date(s): 05/05/2025 05/05/2025

Calibration Time(s): 13:54 17:15

LAB FILE ID: RRF2.5 = BF142295.D RRF005 = BF142296.D RRF010 = BF142297.D
RRF020 = BF142298.D RRF040 = BF142299.D RRF050 = BF142300.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.172	0.206	0.242	0.245	0.280	0.240	16.2
3-Nitroaniline		0.206	0.238	0.288	0.286	0.329	0.282	15.8
Acenaphthene		1.260	1.191	1.200	1.066	1.180	1.147	7.3
2,4-Dinitrophenol			0.062	0.083	0.097	0.120	0.102	25.4
4-Nitrophenol		0.159	0.178	0.210	0.214	0.253	0.212	15.8
Dibenzofuran		1.932	1.790	1.801	1.555	1.711	1.693	9.7
2,4-Dinitrotoluene		0.222	0.250	0.303	0.318	0.368	0.308	17.6
Diethylphthalate		1.344	1.325	1.355	1.207	1.344	1.283	6.3
4-Chlorophenyl-phenylether		0.699	0.666	0.658	0.577	0.638	0.623	9.3
Fluorene		1.521	1.407	1.374	1.195	1.283	1.292	11.8
4-Nitroaniline		0.207	0.230	0.248	0.225	0.240	0.223	8.2
4,6-Dinitro-2-methylphenol			0.052	0.068	0.081	0.094	0.082	23.5
n-Nitrosodiphenylamine		0.704	0.683	0.693	0.629	0.686	0.666	5.3
2,4,6-Tribromophenol		0.161	0.176	0.198	0.191	0.218	0.193	10.2
4-Bromophenyl-phenylether		0.230	0.227	0.232	0.216	0.238	0.227	3.4
Hexachlorobenzene		0.264	0.246	0.253	0.237	0.258	0.249	3.8
Atrazine		0.157	0.165	0.176	0.174	0.196	0.175	7.2
Pentachlorophenol		0.094	0.109	0.130	0.139	0.153	0.131	16.7
Phenanthrene		1.193	1.102	1.105	0.988	1.058	1.048	9.1
Anthracene		1.210	1.136	1.134	1.018	1.093	1.077	8.8
Carbazole		1.065	1.016	1.024	0.926	0.986	0.966	8.2
Di-n-butylphthalate		0.957	1.022	1.082	1.013	1.093	1.016	5.9
Fluoranthene		1.198	1.154	1.128	0.985	1.051	1.048	11.5
Pyrene		1.822	1.748	1.902	1.705	1.912	1.780	7.0
Terphenyl-d14		1.493	1.424	1.460	1.255	1.390	1.351	9.6
Butylbenzylphthalate		0.282	0.330	0.439	0.469	0.545	0.449	23.7
3,3-Dichlorobenzidine		0.250	0.279	0.316	0.296	0.327	0.301	9.4
Benzo(a)anthracene		1.370	1.299	1.317	1.238	1.354	1.295	4.8
Chrysene		1.294	1.227	1.247	1.104	1.238	1.206	5.6
Bis(2-ethylhexyl)phthalate		0.328	0.417	0.557	0.601	0.699	0.573	26.4
Di-n-octyl phthalate			0.586	0.856	1.029	1.242	1.057	27.8
Benzo(b)fluoranthene		1.312	1.216	1.227	1.163	1.263	1.211	5.1
Benzo(k)fluoranthene		1.158	1.142	1.164	1.040	1.172	1.109	6.9
Benzo(a)pyrene		1.034	1.042	1.102	1.066	1.183	1.085	4.9
Indeno(1,2,3-cd)pyrene		1.152	1.281	1.421	1.384	1.596	1.391	10.4

All other compounds must meet a minimum RRF of 0.010.

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: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

Instrument ID: BNA_F Calibration Date(s): 05/05/2025 05/05/2025

Calibration Time(s): 13:54 17:15

LAB FILE ID: RRF2.5 = BF142295.D RRF005 = BF142296.D RRF010 = BF142297.D
RRF020 = BF142298.D RRF040 = BF142299.D RRF050 = BF142300.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		0.987	1.066	1.194	1.137	1.308	1.149	9.2
Benzo(g,h,i)perylene		0.971	1.056	1.175	1.120	1.295	1.141	9.4
1,2,4,5-Tetrachlorobenzene		0.600	0.586	0.586	0.515	0.574	0.559	6.5
1,4-Dioxane		0.553	0.527	0.535	0.503	0.543	0.528	3.4
2,3,4,6-Tetrachlorophenol		0.266	0.288	0.320	0.305	0.344	0.309	8.4

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon May 05 18:41:44 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142295.D 5 =BF142296.D 10 =BF142297.D 20 =BF142298.D 40 =BF142299.D 50 =BF142300.D 60 =BF142301.D 80 =BF1423
02.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.553	0.527	0.535	0.503	0.543	0.521	0.511	0.528	3.36
3)		Pyridine		1.159	1.233	1.210	1.176	1.311	1.312	1.270	1.239	4.99
4)		n-Nitrosodimet...		0.718	0.707	0.729	0.696	0.759	0.726	0.705	0.720	2.88
5)	S	2-Fluorophenol		1.212	1.177	1.211	1.126	1.224	1.165	1.086	1.172	4.35
6)		Aniline		0.955	1.370	1.568	1.467	1.543	1.519	1.472	1.413	15.03
7)	S	Phenol-d6		1.510	1.458	1.489	1.375	1.500	1.419	1.336	1.441	4.64
8)		2-Chlorophenol		1.202	1.223	1.263	1.221	1.346	1.283	1.225	1.252	4.00
9)		Benzaldehyde		1.049	0.959	0.903	0.734	0.752	0.663		0.843	17.74
10)	C	Phenol		1.599	1.528	1.584	1.472	1.580	1.524	1.405	1.527	4.55
11)		bis(2-Chloroet...		1.789	1.543	1.510	1.353	1.516	1.441	1.392	1.506	9.49
12)		1,3-Dichlorobe...		1.555	1.505	1.466	1.347	1.477	1.379	1.298	1.432	6.48
13)	C	1,4-Dichlorobe...		1.562	1.499	1.486	1.364	1.476	1.386	1.294	1.438	6.46
14)		1,2-Dichlorobe...		1.480	1.432	1.415	1.317	1.424	1.340	1.254	1.380	5.71
15)		Benzyl Alcohol		0.816	0.843	0.933	0.928	1.030	1.008	0.972	0.933	8.56
16)		2,2'-oxybis(1-...		2.379	2.310	2.325	2.135	2.341	2.211	2.044	2.249	5.48
17)		2-Methylphenol		1.033	1.008	1.022	0.972	1.070	1.013	0.978	1.014	3.30
18)		Hexachloroethane		0.473	0.464	0.488	0.463	0.511	0.487	0.463	0.478	3.78
19)	P	n-Nitroso-di-n...	0.840	0.943	0.915	0.918	0.860	0.933	0.885	0.837	0.891	4.69
20)		3+4-Methylphenols		1.354	1.281	1.322	1.218	1.333	1.226	1.121	1.265	6.48
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.505	0.474	0.464	0.416	0.446	0.419	0.389	0.445	8.95
23)	S	Nitrobenzene-d5		0.289	0.304	0.336	0.327	0.360	0.348	0.332	0.328	7.48
24)		Nitrobenzene		0.281	0.293	0.316	0.306	0.337	0.325	0.305	0.309	6.05
25)		Isophorone		0.639	0.623	0.630	0.586	0.648	0.622	0.598	0.621	3.53
26)	C	2-Nitrophenol		0.089	0.097	0.121	0.132	0.154	0.155	0.155	0.129	21.55
27)		2,4-Dimethylph...		0.311	0.314	0.321	0.298	0.329	0.314	0.299	0.312	3.55
28)		bis(2-Chloroet...		0.430	0.414	0.418	0.374	0.408	0.386	0.366	0.399	6.09
29)	C	2,4-Dichloroph...		0.245	0.251	0.278	0.263	0.288	0.274	0.260	0.265	5.71
30)		1,2,4-Trichlor...		0.329	0.309	0.309	0.281	0.304	0.289	0.271	0.299	6.60
31)		Naphthalene		1.102	1.031	1.028	0.906	0.978	0.906	0.835	0.969	9.52
32)		Benzoic acid			0.084	0.117	0.140	0.178	0.186	0.194	0.150	29.22
33)		4-Chloroaniline		0.373	0.373	0.398	0.383	0.435	0.415	0.392	0.396	5.80
34)	C	Hexachlorobuta...		0.188	0.182	0.181	0.168	0.185	0.173	0.162	0.177	5.32
35)		Caprolactam		0.063	0.068	0.078	0.079	0.088	0.083	0.082	0.077	11.39
36)	C	4-Chloro-3-met...		0.281	0.270	0.283	0.265	0.290	0.279	0.262	0.276	3.68
37)		2-Methylnaphth...		0.672	0.636	0.635	0.569	0.615	0.568	0.521	0.602	8.60
38)		1-Methylnaphth...		0.710	0.675	0.665	0.594	0.630	0.587	0.535	0.628	9.59

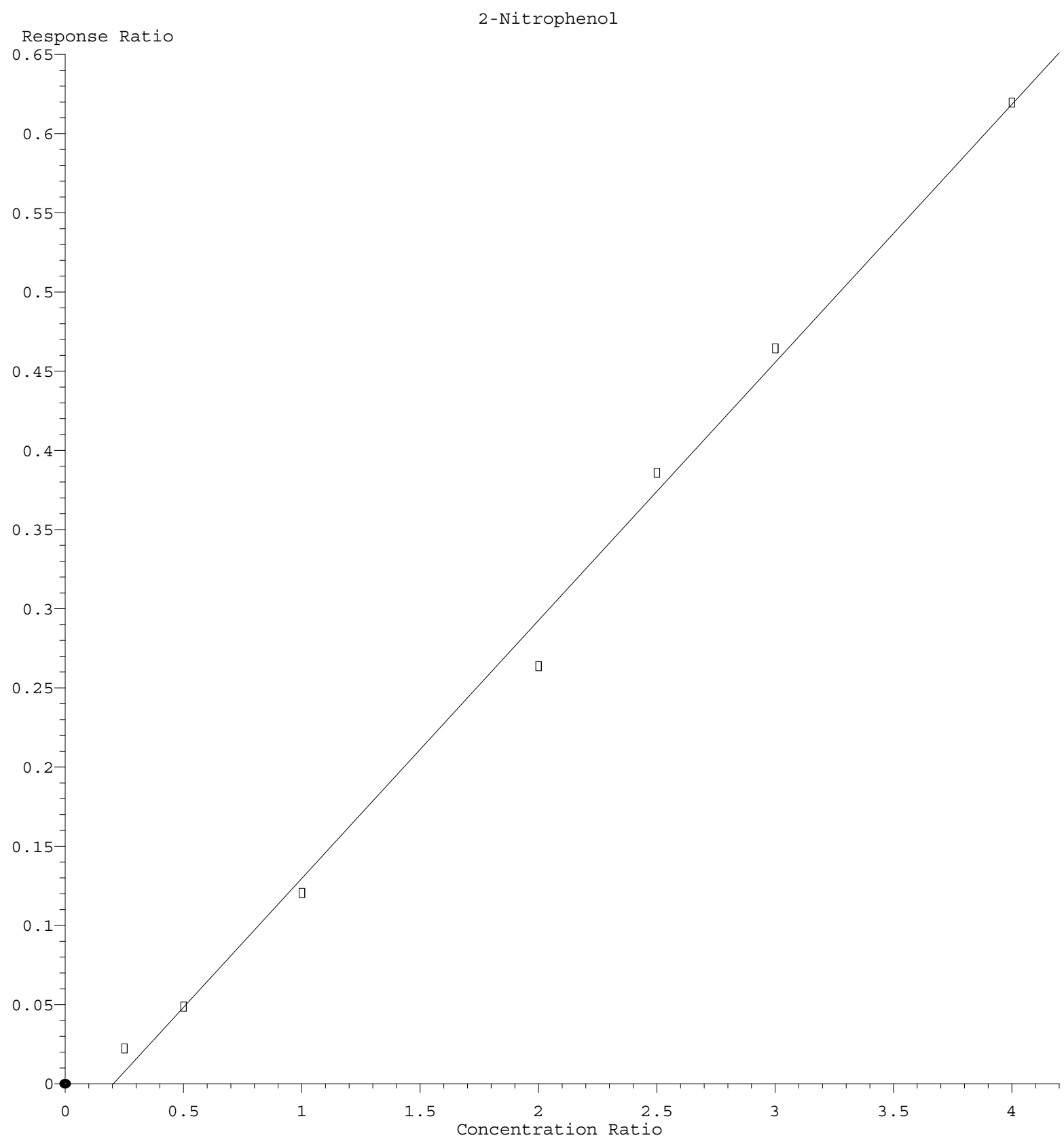
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF050525.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.600	0.586	0.586	0.515	0.574	0.538	0.512	0.559	6.51
41)	P	Hexachlorocycl...	0.286	0.303	0.349	0.343	0.388	0.379	0.369	0.345	11.16
42)	S	2,4,6-Tribromo...	0.161	0.176	0.198	0.191	0.218	0.210	0.197	0.193	10.16
43)	C	2,4,6-Trichlor...	0.306	0.320	0.360	0.351	0.393	0.371	0.365	0.352	8.53
44)		2,4,5-Trichlor...	0.339	0.353	0.390	0.363	0.413	0.397	0.369	0.375	7.00
45)	S	2-Fluorobiphenyl	1.737	1.605	1.532	1.272	1.337	1.246	1.090	1.403	16.29
46)		1,1'-Biphenyl	1.727	1.641	1.637	1.411	1.567	1.442	1.310	1.533	9.75
47)		2-Chloronaphth...	1.256	1.198	1.193	1.058	1.155	1.106	1.018	1.140	7.40
48)		2-Nitroaniline	0.205	0.240	0.292	0.298	0.344	0.337	0.330	0.292	17.90
49)		Acenaphthylene	2.083	2.025	2.009	1.783	1.958	1.830	1.665	1.908	7.94
50)		Dimethylphthalate	1.338	1.295	1.344	1.210	1.342	1.275	1.186	1.284	5.04
51)		2,6-Dinitrotol...	0.172	0.206	0.242	0.245	0.280	0.273	0.263	0.240	16.19
52)	C	Acenaphthene	1.260	1.191	1.200	1.066	1.180	1.111	1.021	1.147	7.32
53)		3-Nitroaniline	0.206	0.238	0.288	0.286	0.329	0.319	0.307	0.282	15.80
54)	P	2,4-Dinitrophenol		0.062	0.083	0.097	0.120	0.124	0.127	0.102	25.44
55)		Dibenzofuran	1.932	1.790	1.801	1.555	1.711	1.609	1.453	1.693	9.72
56)	P	4-Nitrophenol	0.159	0.178	0.210	0.214	0.253	0.240	0.231	0.212	15.82
57)		2,4-Dinitrotol...	0.222	0.250	0.303	0.318	0.368	0.355	0.341	0.308	17.63
58)		Fluorene	1.521	1.407	1.374	1.195	1.283	1.183	1.080	1.292	11.77
59)		2,3,4,6-Tetrac...	0.266	0.288	0.320	0.305	0.344	0.329	0.314	0.309	8.38
60)		Diethylphthalate	1.344	1.325	1.355	1.207	1.344	1.252	1.151	1.283	6.27
61)		4-Chlorophenyl...	0.699	0.666	0.658	0.577	0.638	0.590	0.535	0.623	9.26
62)		4-Nitroaniline	0.207	0.230	0.248	0.225	0.240	0.219	0.195	0.223	8.23
63)		Azobenzene	1.338	1.271	1.285	1.132	1.270	1.185	1.098	1.226	7.23
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.052	0.068	0.081	0.094	0.098	0.101	0.082	23.49
66)	c	n-Nitrosodiphe...	0.704	0.683	0.693	0.629	0.686	0.654	0.610	0.666	5.28
67)		4-Bromophenyl-...	0.230	0.227	0.232	0.216	0.238	0.227	0.217	0.227	3.44
68)		Hexachlorobenzene	0.264	0.246	0.253	0.237	0.258	0.248	0.240	0.249	3.84
69)		Atrazine	0.157	0.165	0.176	0.174	0.196	0.185	0.175	0.175	7.17
70)	C	Pentachlorophenol	0.094	0.109	0.130	0.139	0.153	0.150	0.144	0.131	16.65
71)		Phenanthrene	1.193	1.102	1.105	0.988	1.058	0.987	0.906	1.048	9.14
72)		Anthracene	1.210	1.136	1.134	1.018	1.093	1.023	0.927	1.077	8.77
73)		Carbazole	1.065	1.016	1.024	0.926	0.986	0.911	0.837	0.966	8.17
74)		Di-n-butylphth...	0.957	1.022	1.082	1.013	1.093	1.019	0.928	1.016	5.91
75)	C	Fluoranthene	1.198	1.154	1.128	0.985	1.051	0.956	0.863	1.048	11.46
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.272	0.384	0.358	0.426	0.403	0.337	0.363	15.09
78)		Pyrene	1.822	1.748	1.902	1.705	1.912	1.817	1.555	1.780	6.99
79)	S	Terphenyl-d14	1.493	1.424	1.460	1.255	1.390	1.314	1.123	1.351	9.61
80)		Butylbenzylpht...	0.282	0.330	0.439	0.469	0.545	0.549	0.527	0.449	23.70
81)		Benzo(a)anthra...	1.370	1.299	1.317	1.238	1.354	1.296	1.192	1.295	4.84
82)		3,3'-Dichlorob...	0.250	0.279	0.316	0.296	0.327	0.323	0.317	0.301	9.40
83)		Chrysene	1.294	1.227	1.247	1.104	1.238	1.203	1.128	1.206	5.59
84)		Bis(2-ethylhex...	0.328	0.417	0.557	0.601	0.699	0.716	0.697	0.573	26.35
85)	c	Di-n-octyl pht...		0.586	0.856	1.029	1.242	1.315	1.317	1.057	27.77

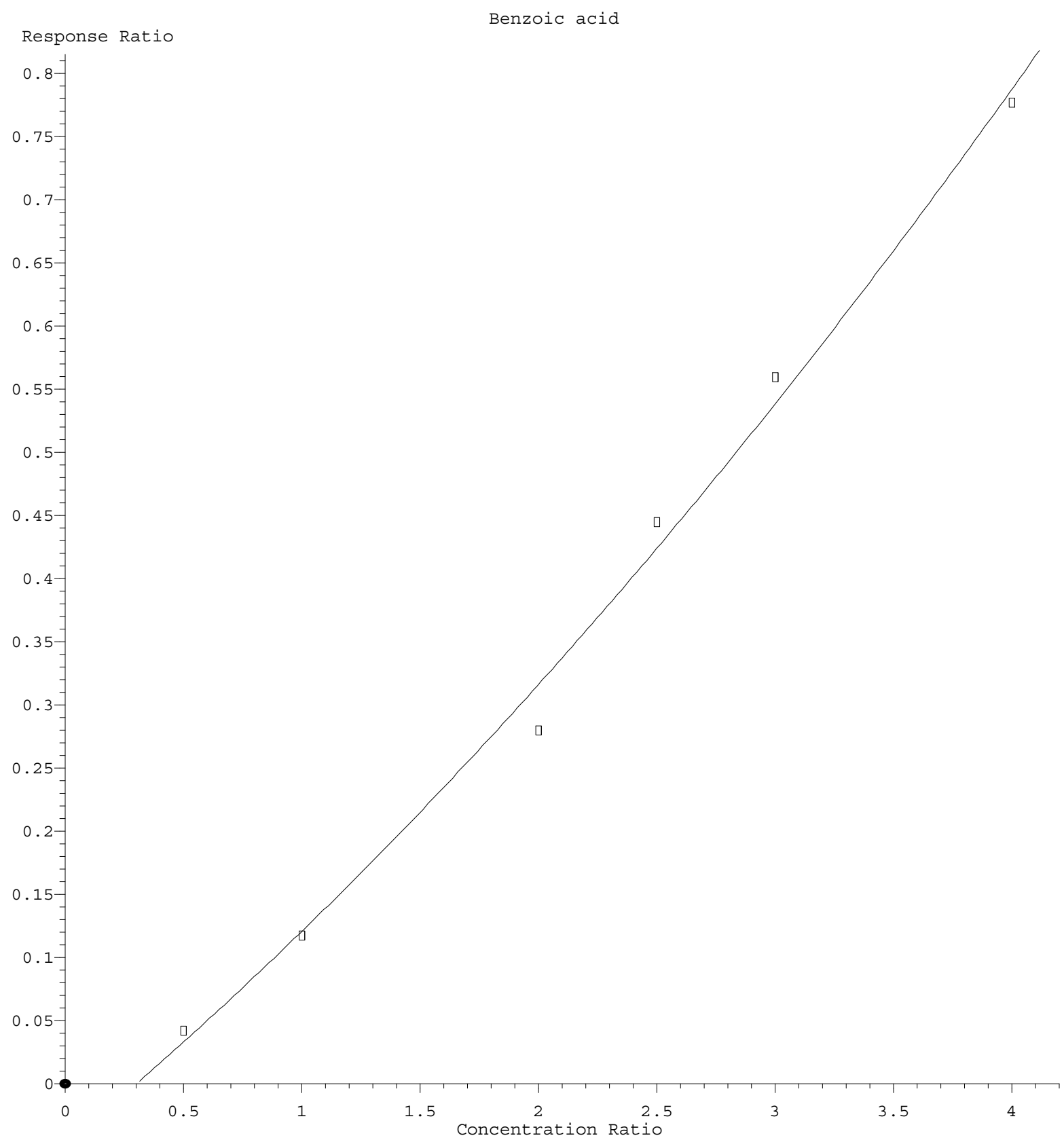
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF050525.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.152	1.281	1.421	1.384	1.596	1.504	1.402	1.391	10.38
88)		Benzo(b)fluora...	1.312	1.216	1.227	1.163	1.263	1.142	1.156	1.211	5.14
89)		Benzo(k)fluora...	1.158	1.142	1.164	1.040	1.172	1.114	0.969	1.109	6.88
90)	C	Benzo(a)pyrene	1.034	1.042	1.102	1.066	1.183	1.119	1.054	1.085	4.88
91)		Dibenzo(a,h)an...	0.987	1.066	1.194	1.137	1.308	1.224	1.129	1.149	9.17
92)		Benzo(g,h,i)pe...	0.971	1.056	1.175	1.120	1.295	1.225	1.143	1.141	9.37

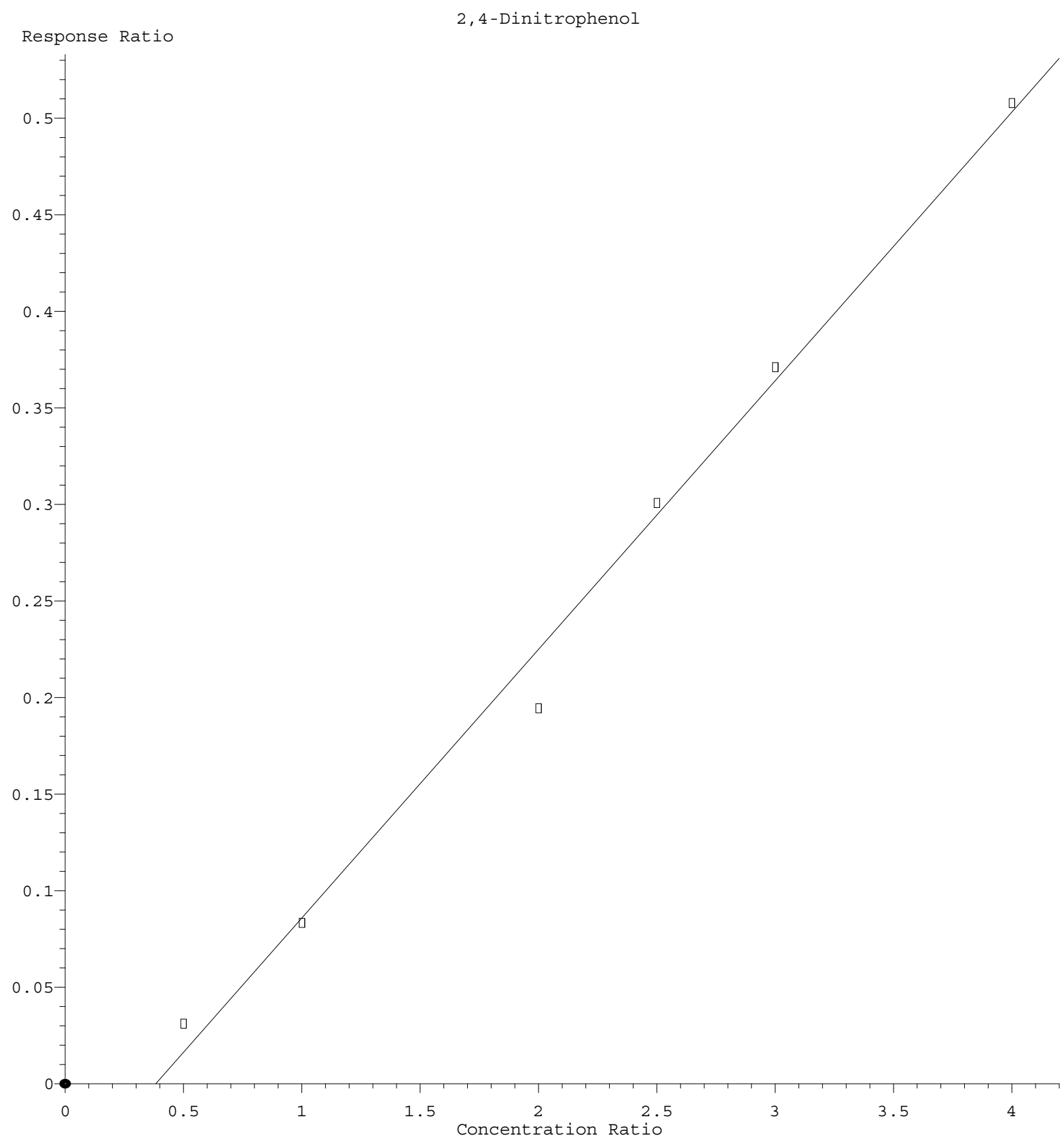
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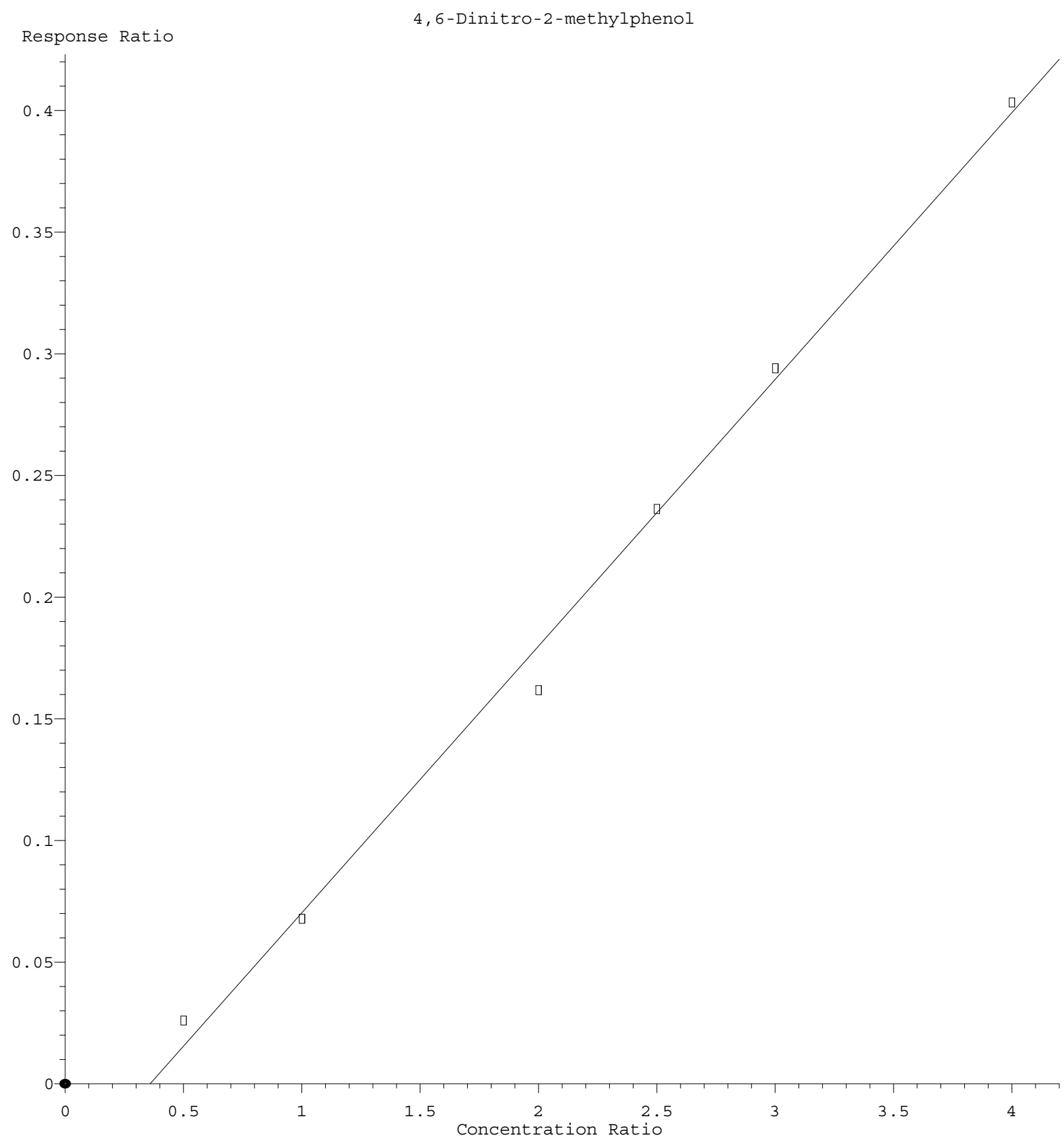
Response = 1.629e-001 * Amt - 3.329e-002
Coef of Det (r^2) = 0.995567 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025



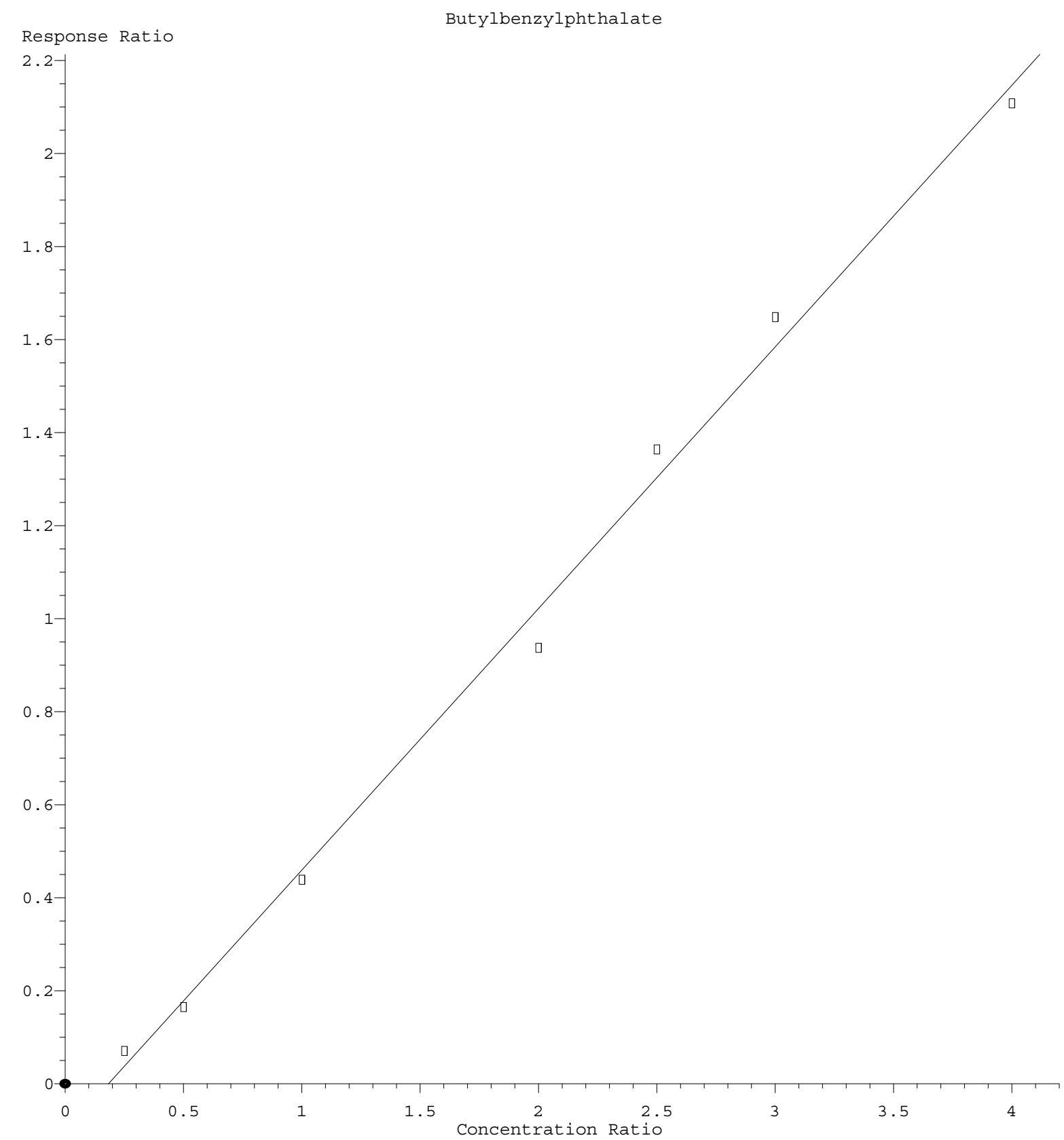
R = 1.340e-002 A*A + 1.552e-001 A - 4.790e-002
Coef of Det (r^2) = 0.993773 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025



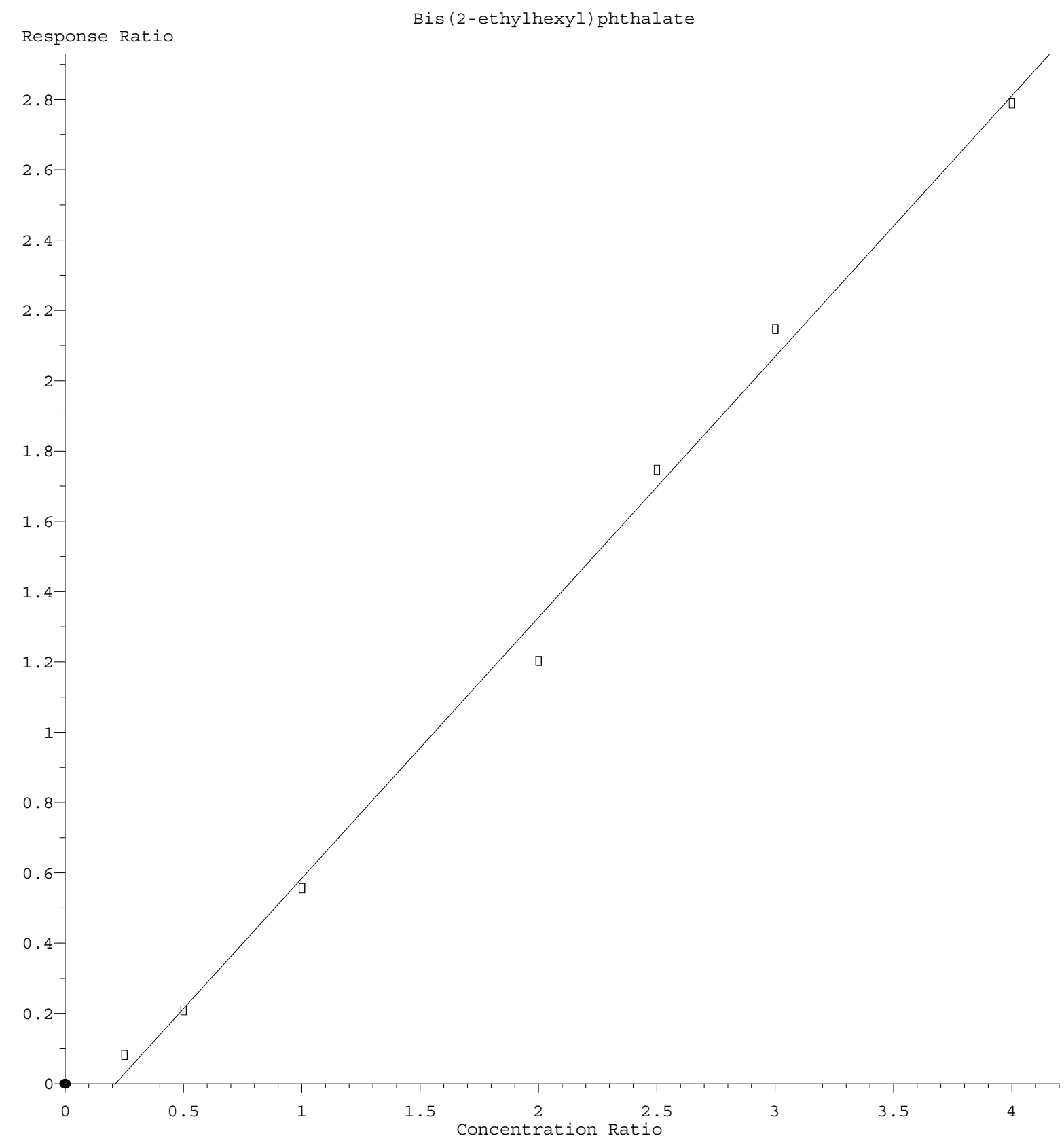
Response = 1.391e-001 * Amt - 5.328e-002
Coef of Det (r^2) = 0.992198 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025



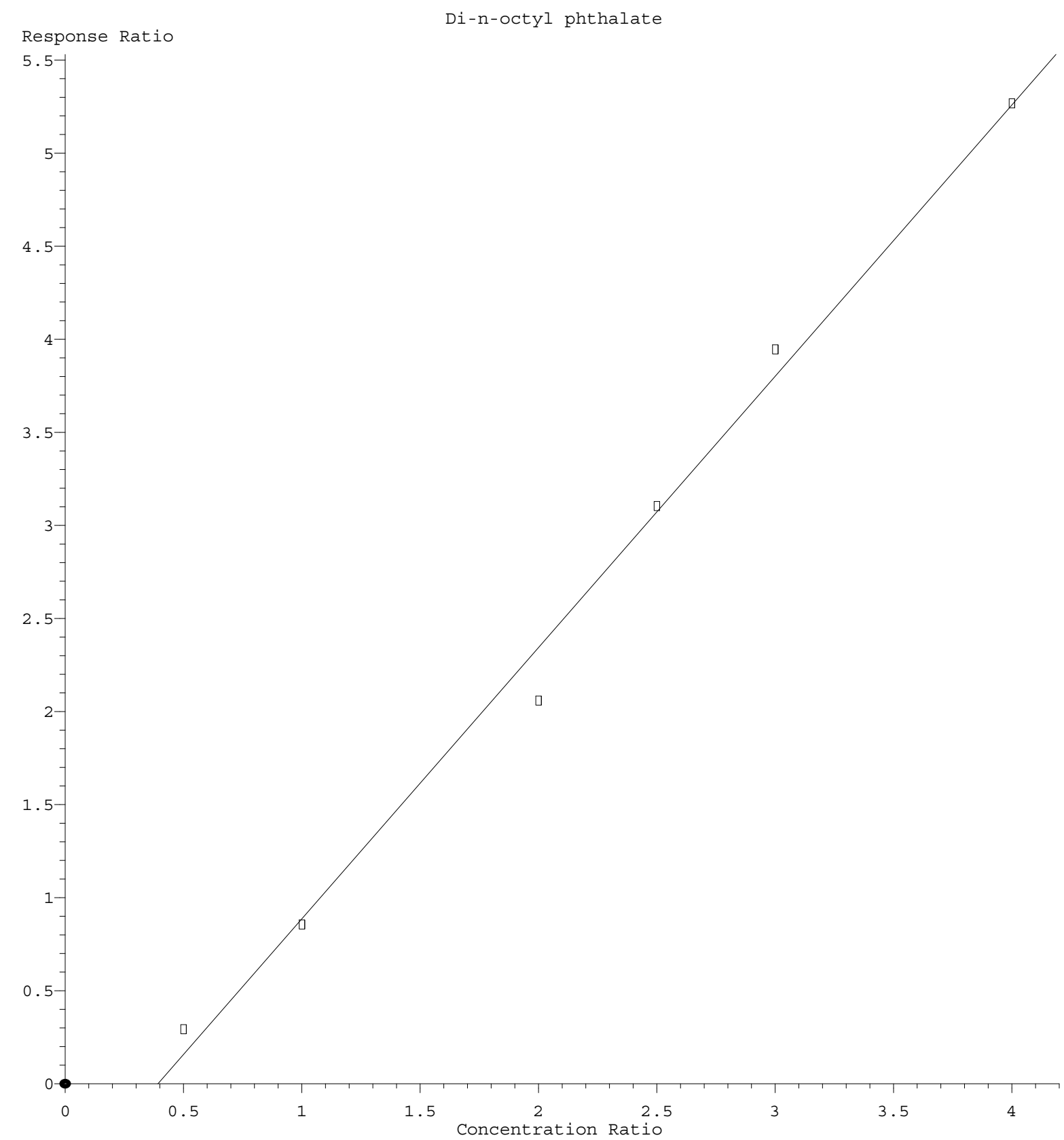
Response = 1.096e-001 * Amt - 3.939e-002
Coef of Det (r^2) = 0.995176 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025



Response = 5.624e-001 * Amt - 1.029e-001
Coef of Det (r^2) = 0.995038 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025



Response = 7.421e-001 * Amt - 1.572e-001
Coef of Det (r^2) = 0.995584 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025



Response = 1.458e+000 * Amt - 5.715e-001
Coef of Det (r^2) = 0.993132 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142295.D
Acq On : 05 May 2025 13:54
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: May 05 17:55:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	220458	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	851705	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	461090	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	826586	20.000	ng	0.00
76) Chrysene-d12	14.069	240	600134	20.000	ng	0.00
86) Perylene-d12	15.557	264	417952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	23149	2.356	ng	93

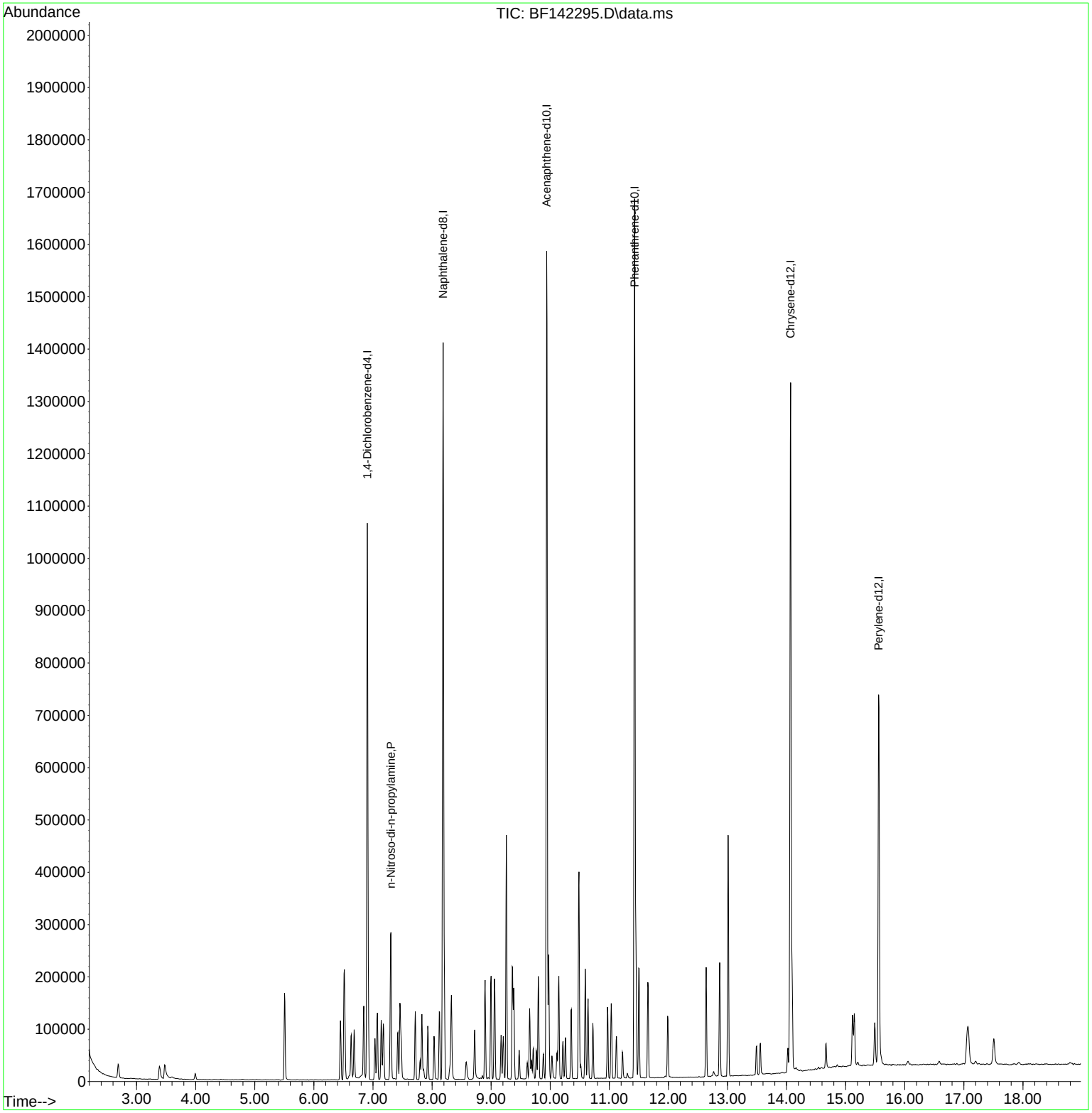
(#) = qualifier out of range (m) = manual integration (+) = signals summed

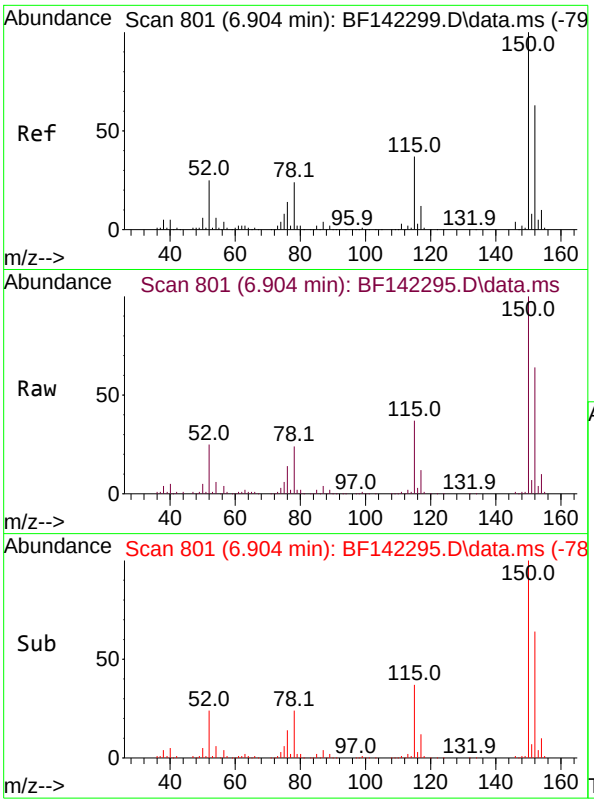
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142295.D
Acq On : 05 May 2025 13:54
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: May 05 17:55:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration



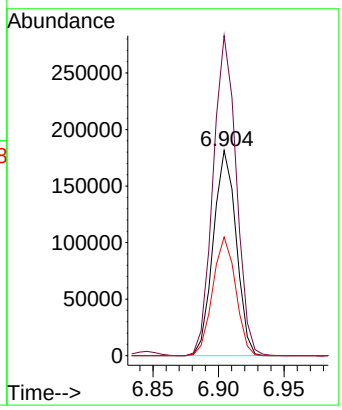


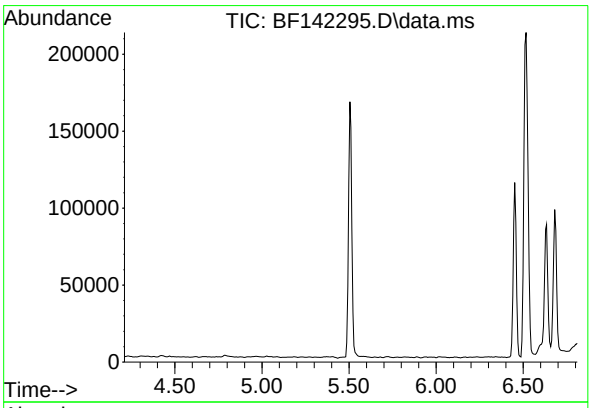
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 220458

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.6	190.0
115	57.9	47.3	70.9



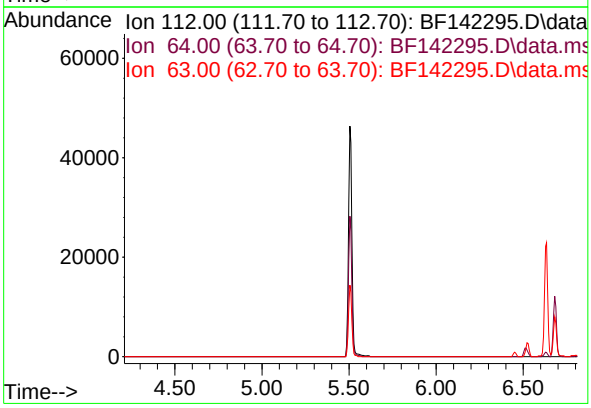


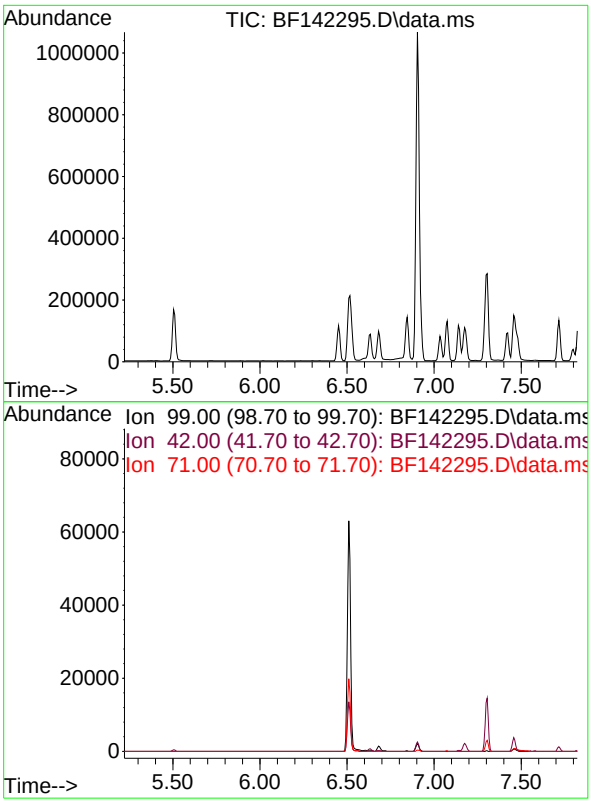
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.51 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	61.1
63	32.0





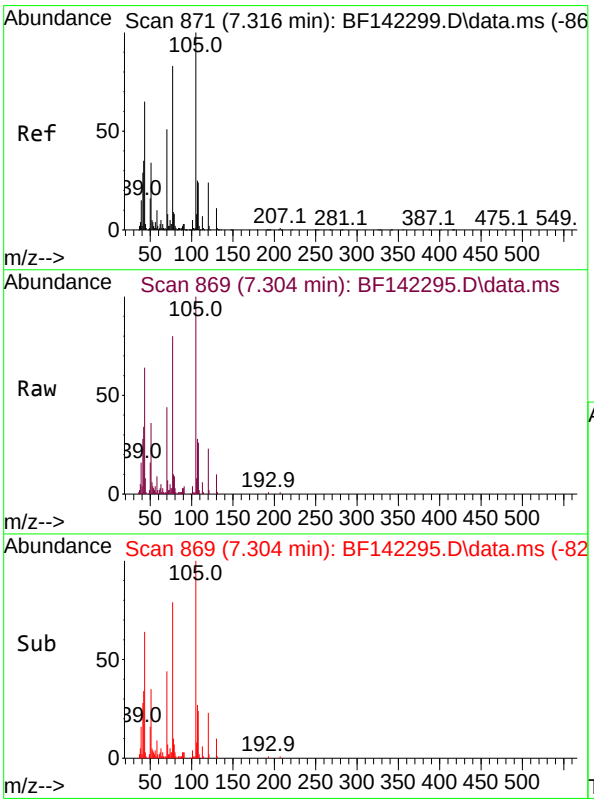
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.52 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

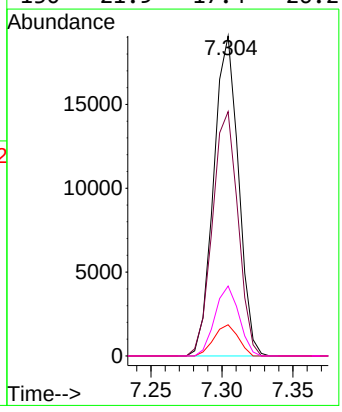
Sig	Exp Ratio
99	100
42	21.2
71	32.3

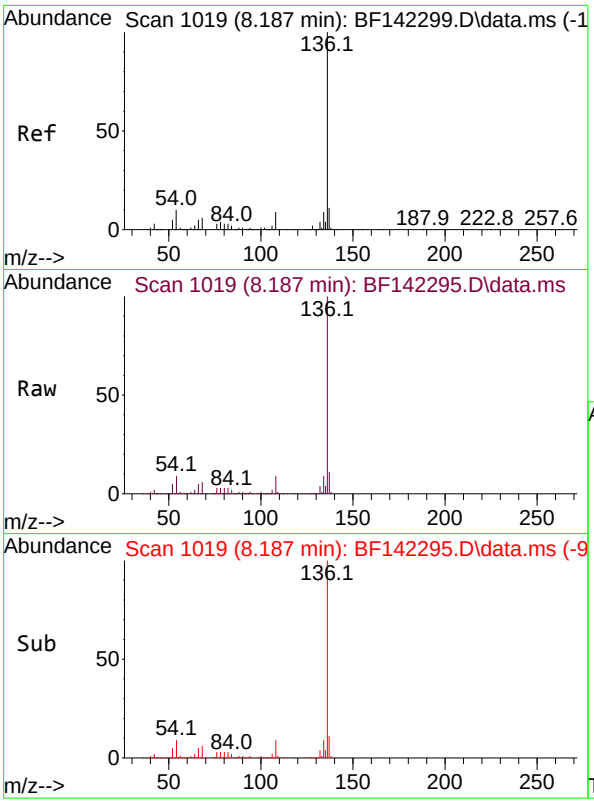


#19
n-Nitroso-di-n-propylamine
Concen: 2.356 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion: 70 Resp: 23149

Ion	Ratio	Lower	Upper
70	100		
42	76.4	54.8	82.2
101	9.7	7.7	11.5
130	21.9	17.4	26.2



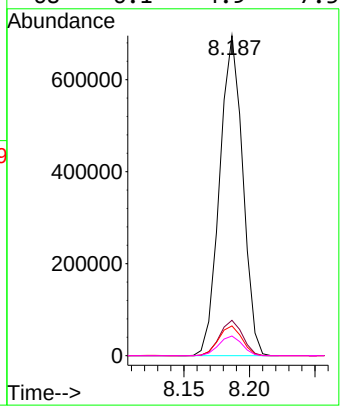


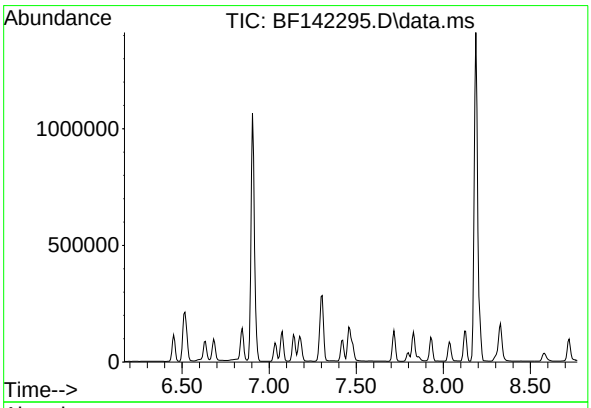
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 851705

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.3	7.7	11.5
68	6.1	4.9	7.3



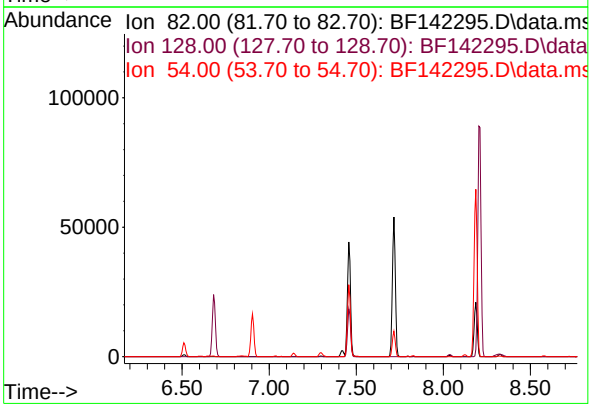


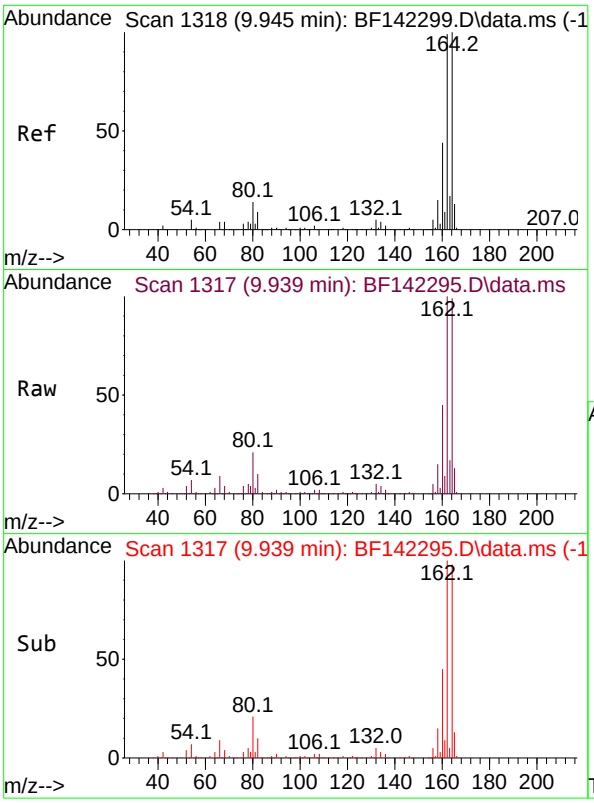
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.47 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	46.3
54	60.8



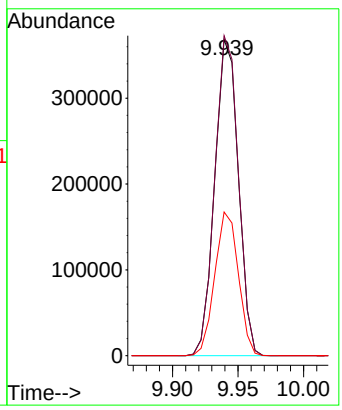


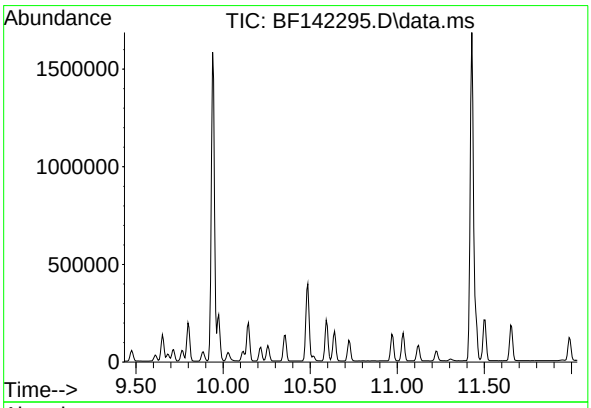
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 461090

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.2	118.8
160	45.4	35.3	52.9



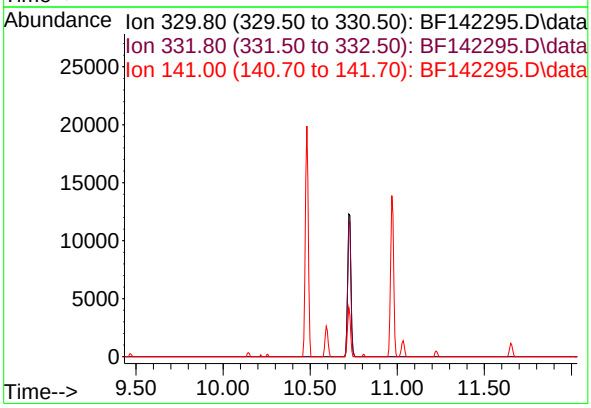


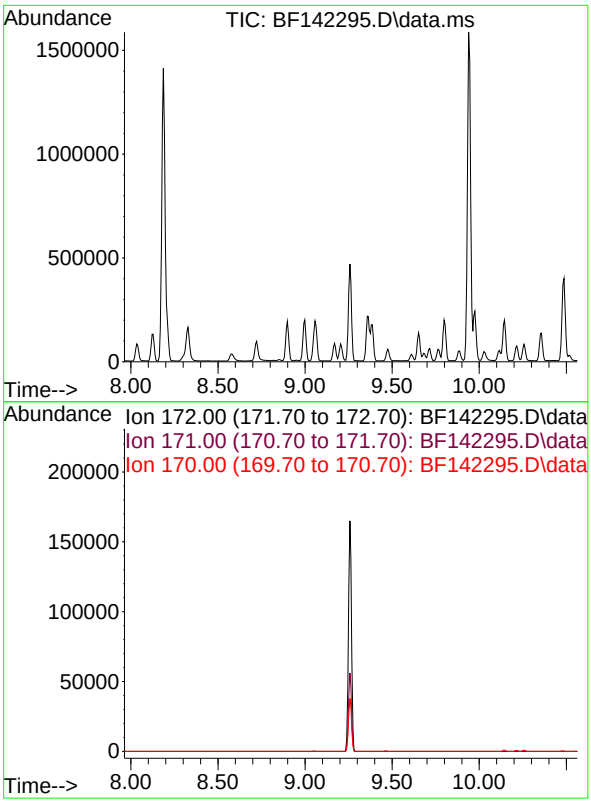
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.73 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.0
141	31.1





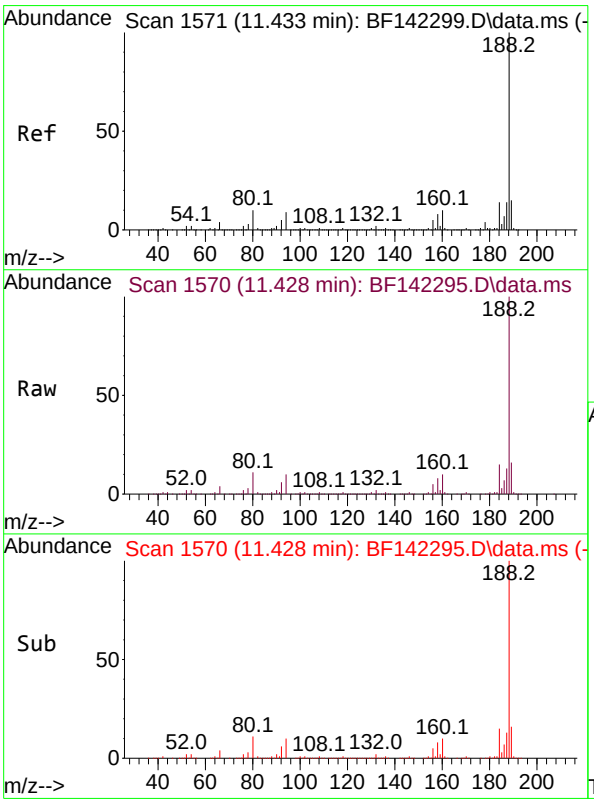
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.26 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

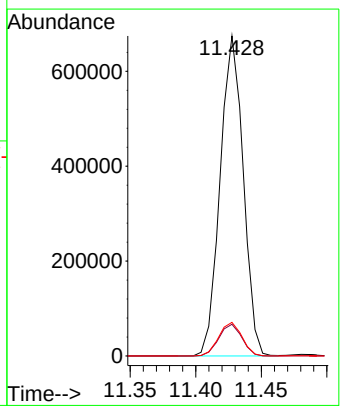
Sig	Exp Ratio
172	100
171	35.7
170	23.7

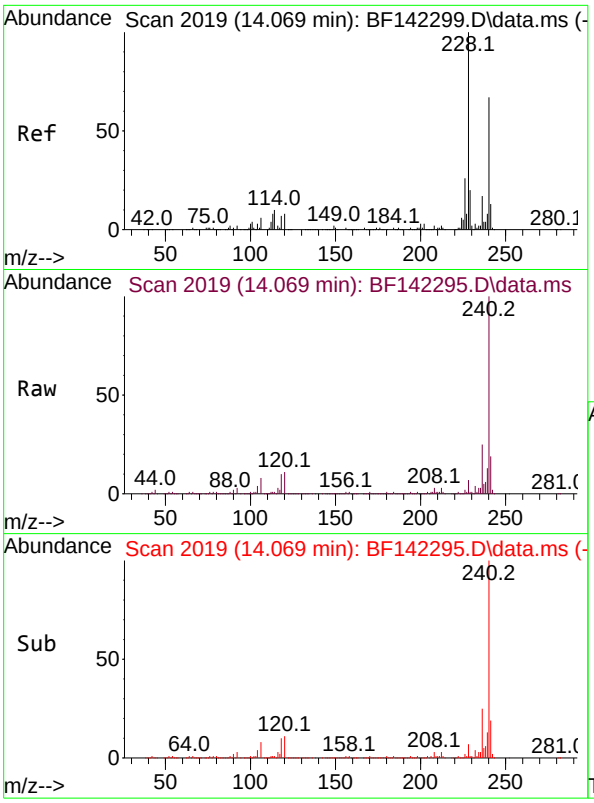


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion:188 Resp: 826586

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.5	11.3
80	10.5	7.9	11.9



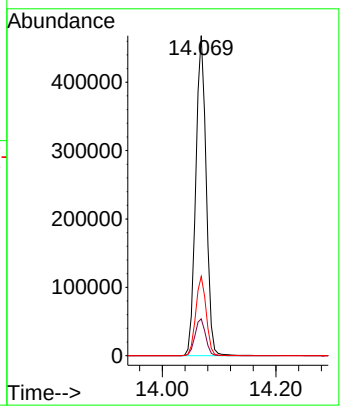


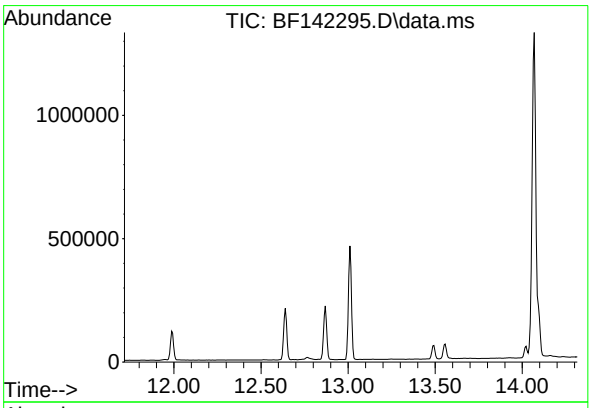
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 600134

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.7	14.5
236	24.7	20.0	30.0



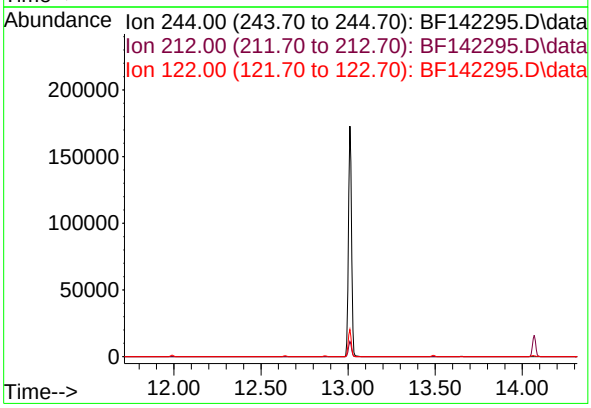


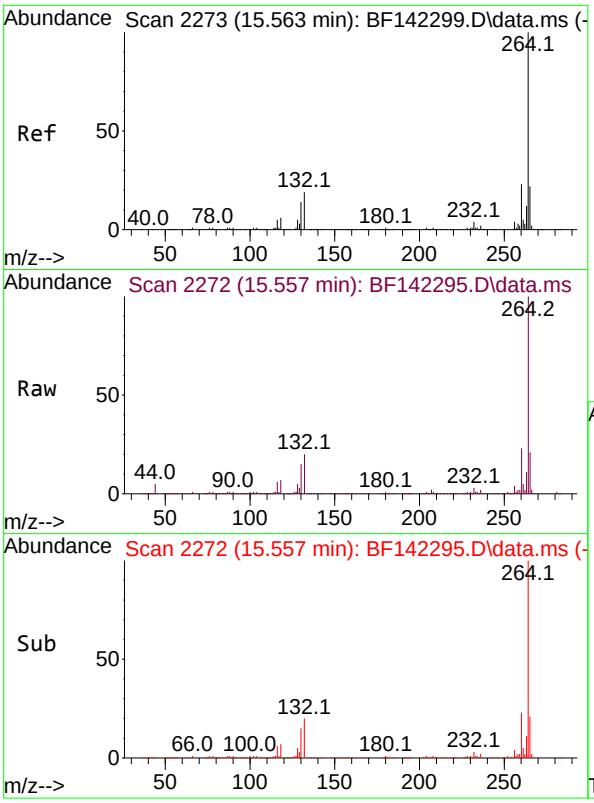
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.02 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.8
122	11.2



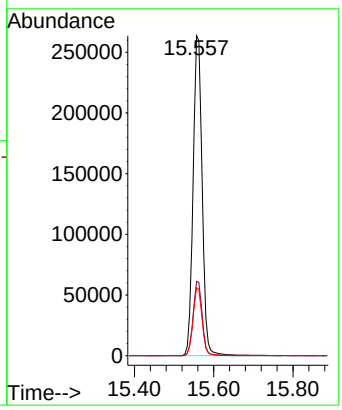


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 417952

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.3	17.5	26.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142296.D
Acq On : 05 May 2025 14:23
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 17:56:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	207173	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	800106	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	439288	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	788007	20.000	ng		0.00
76) Chrysene-d12	14.068	240	553678	20.000	ng		0.00
86) Perylene-d12	15.557	264	376971	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	125572	10.347	ng		0.00
7) Phenol-d6	6.510	99	156415	10.479	ng		-0.01
23) Nitrobenzene-d5	7.457	82	115545	8.807	ng		-0.01
42) 2,4,6-Tribromophenol	10.727	330	35296	8.322	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	381508	12.383	ng		0.00
79) Terphenyl-d14	13.010	244	413313	11.049	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	28652	5.243	ng		100
3) Pyridine	3.463	79	60003m	4.669	ng		
4) n-Nitrosodimethylamine	3.387	42	37175	4.985	ng	#	98
6) Aniline	6.563	93	49440	3.377	ng		97
8) 2-Chlorophenol	6.681	128	62258	4.801	ng		98
9) Benzaldehyde	6.451	77	54313	6.217	ng		97
10) Phenol	6.522	94	82817	5.234	ng		97
11) bis(2-Chloroethyl)ether	6.634	93	92675m	5.940	ng		
12) 1,3-Dichlorobenzene	6.845	146	80536	5.428	ng		99
13) 1,4-Dichlorobenzene	6.922	146	80900	5.431	ng		98
14) 1,2-Dichlorobenzene	7.075	146	76655	5.361	ng		99
15) Benzyl Alcohol	7.034	79	42272	4.374	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	123229	5.289	ng		100
17) 2-Methylphenol	7.140	107	53481	5.094	ng		98
18) Hexachloroethane	7.422	117	24476	4.938	ng		98
19) n-Nitroso-di-n-propyla...	7.304	70	48843	5.290	ng		97
20) 3+4-Methylphenols	7.292	107	70122	5.351	ng		89
22) Acetophenone	7.304	105	101001	5.677	ng		98
24) Nitrobenzene	7.481	77	56276	4.551	ng		98
25) Isophorone	7.716	82	127812	5.145	ng		98
26) 2-Nitrophenol	7.798	139	17854	6.828	ng		97
27) 2,4-Dimethylphenol	7.828	122	62210	4.981	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	86020	5.385	ng		98
29) 2,4-Dichlorophenol	8.034	162	49005	4.615	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	65738	5.501	ng		98
31) Naphthalene	8.210	128	220404	5.684	ng		98
33) 4-Chloroaniline	8.275	127	74603m	4.723	ng		
34) Hexachlorobutadiene	8.328	225	37522	5.302	ng		99
35) Caprolactam	8.581	113	12615	4.085	ng		96
36) 4-Chloro-3-methylphenol	8.722	107	56110	5.083	ng		99
37) 2-Methylnaphthalene	8.898	142	134367	5.576	ng		99
38) 1-Methylnaphthalene	8.998	142	141952	5.652	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	65890	5.370	ng		99
41) Hexachlorocyclopentadiene	9.051	237	31389	4.140	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	33630	4.346	ng		98
44) 2,4,5-Trichlorophenol	9.204	196	37237	4.522	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142296.D
Acq On : 05 May 2025 14:23
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 17:56:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.363	154	189666	5.631	ng		98
47) 2-Chloronaphthalene	9.386	162	137929	5.506	ng		98
48) 2-Nitroaniline	9.475	65	22539	3.510	ng		95
49) Acenaphthylene	9.798	152	228773	5.460	ng		99
50) Dimethylphthalate	9.651	163	146916	5.208	ng		99
51) 2,6-Dinitrotoluene	9.716	165	18933	3.586	ng		95
52) Acenaphthene	9.975	154	138379	5.492	ng		96
53) 3-Nitroaniline	9.886	138	22656	3.659	ng	#	98
55) Dibenzofuran	10.145	168	212190	5.706	ng		99
56) 4-Nitrophenol	10.028	139	17445	3.743	ng		96
57) 2,4-Dinitrotoluene	10.116	165	24415	3.605	ng		96
58) Fluorene	10.486	166	167029	5.886	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	29233	4.301	ng		99
60) Diethylphthalate	10.357	149	147649	5.241	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	76782	5.608	ng		98
62) 4-Nitroaniline	10.486	138	22736	4.632	ng		93
63) Azobenzene	10.639	77	146968	5.460	ng		99
66) n-Nitrosodiphenylamine	10.592	169	138600	5.286	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	45301	5.072	ng		97
68) Hexachlorobenzene	11.033	284	51978	5.291	ng		100
69) Atrazine	11.122	200	30914	4.472	ng		99
70) Pentachlorophenol	11.227	266	18599	3.599	ng		98
71) Phenanthrene	11.451	178	235107	5.692	ng		98
72) Anthracene	11.504	178	238345	5.616	ng		98
73) Carbazole	11.657	167	209878	5.512	ng		98
74) Di-n-butylphthalate	11.986	149	188462	4.707	ng		99
75) Fluoranthene	12.639	202	236016	5.716	ng		99
78) Pyrene	12.869	202	252238	5.118	ng		98
80) Butylbenzylphthalate	13.492	149	39082	6.169	ng		98
81) Benzo(a)anthracene	14.057	228	189654	5.289	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	34544	4.143	ng		99
83) Chrysene	14.092	228	179085	5.365	ng		100
84) Bis(2-ethylhexyl)phtha...	14.051	149	45343	6.444	ng		98
87) Indeno(1,2,3-cd)pyrene	17.057	276	108522	4.138	ng		99
88) Benzo(b)fluoranthene	15.115	252	123666	5.416	ng		99
89) Benzo(k)fluoranthene	15.145	252	109149	5.224	ng		99
90) Benzo(a)pyrene	15.492	252	97418	4.761	ng		100
91) Dibenzo(a,h)anthracene	17.080	278	93055	4.295	ng		98
92) Benzo(g,h,i)perylene	17.509	276	91492	4.255	ng		98

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

ICAL Form

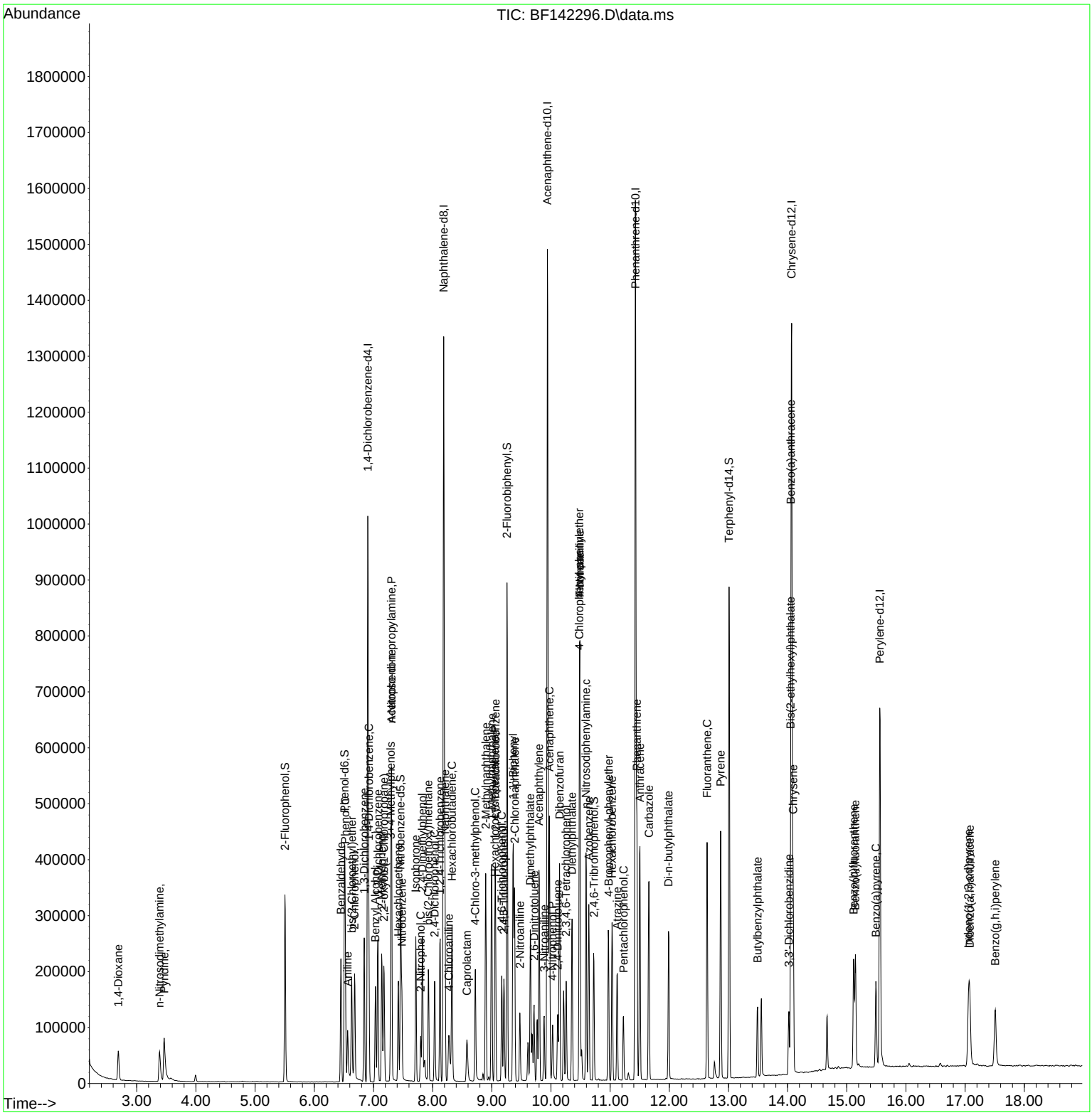
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142296.D
Acq On : 05 May 2025 14:23
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

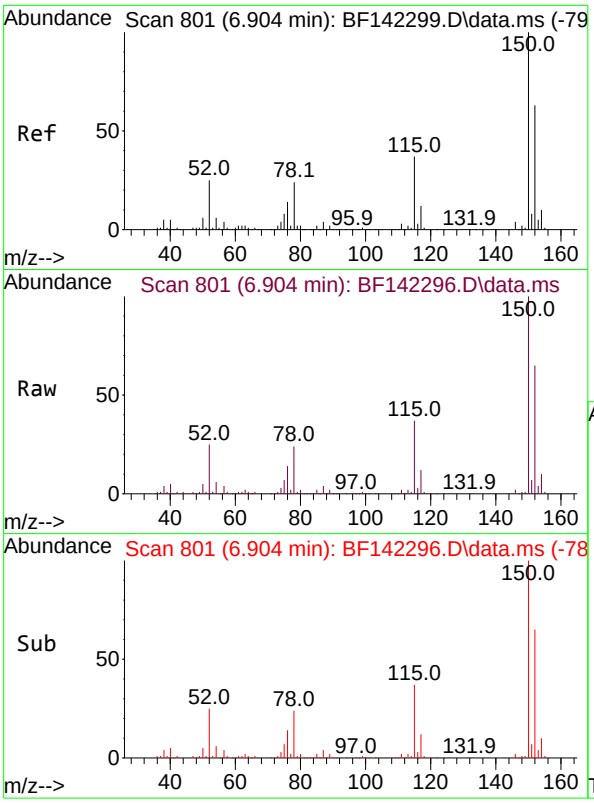
Quant Time: May 05 17:56:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

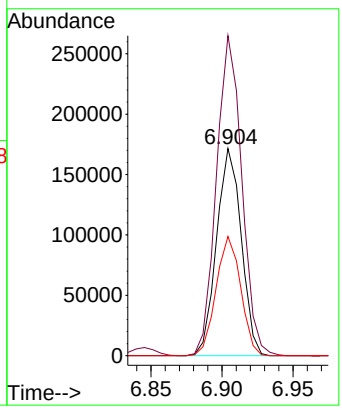




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:152 Resp: 20717

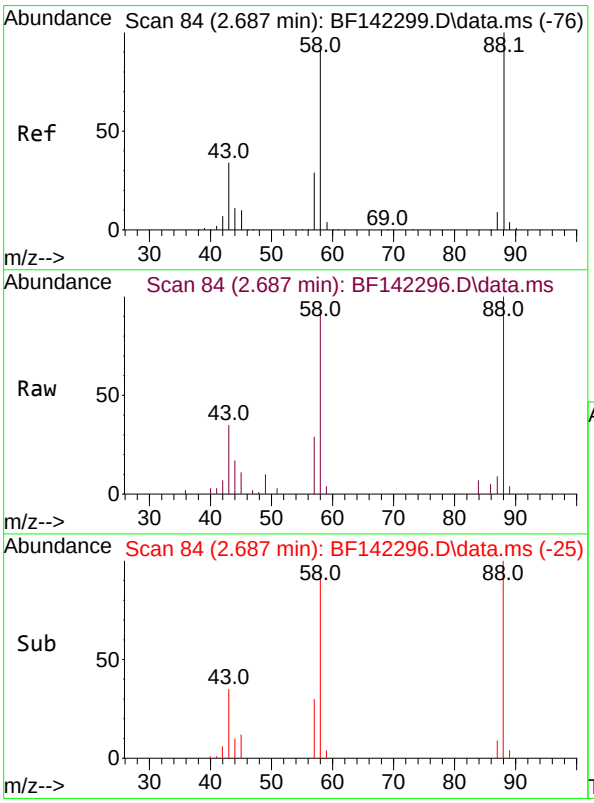
Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	190.0
115	57.6	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

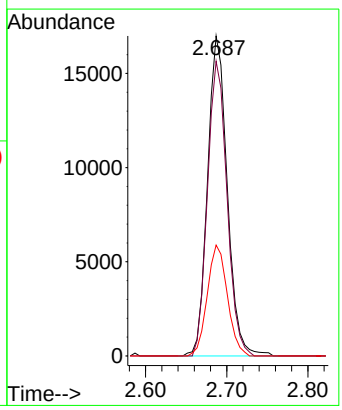
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

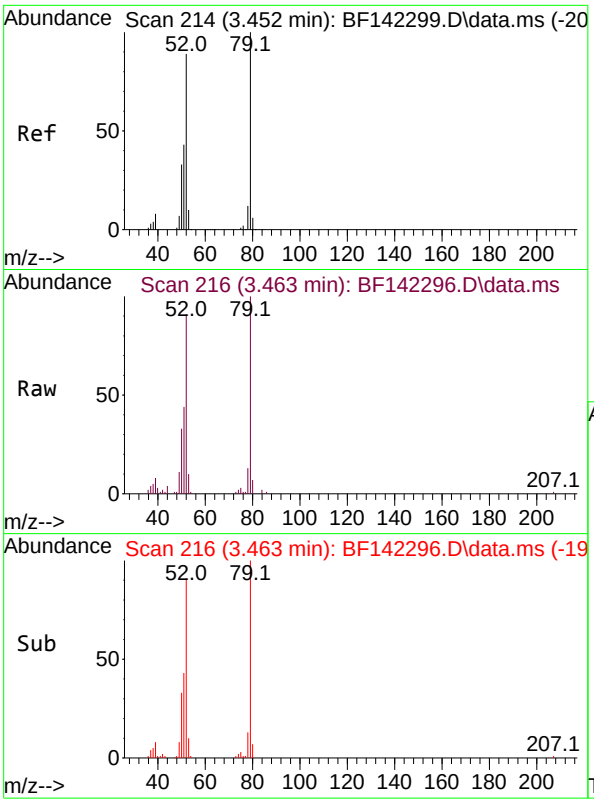


#2
1,4-Dioxane
Concen: 5.243 ng
RT: 2.687 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 88 Resp: 28652

Ion	Ratio	Lower	Upper
88	100		
58	91.1	73.0	109.4
43	35.3	27.8	41.6

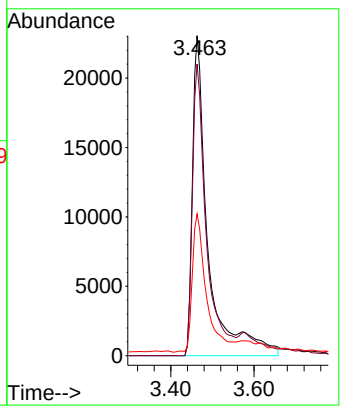




#3
Pyridine
Concen: 4.669 ng m
RT: 3.463 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 79 Resp: 6000

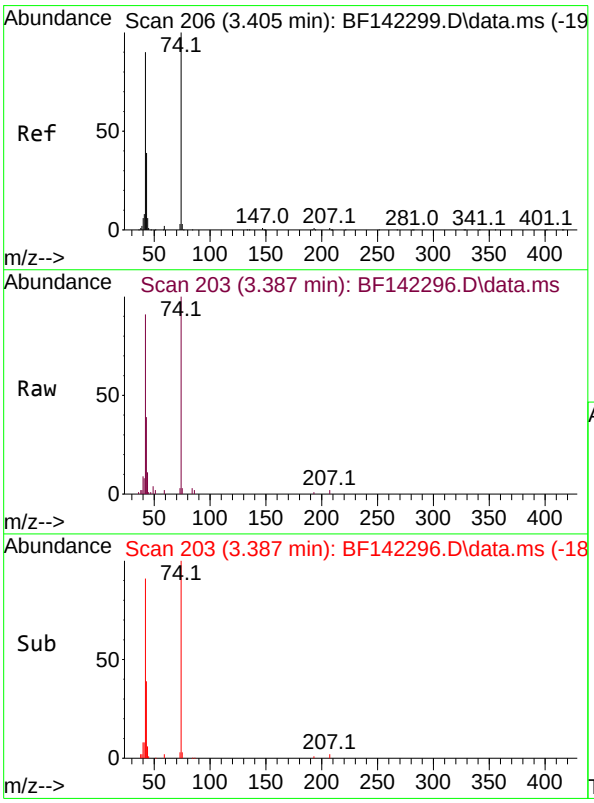
Ion	Ratio	Lower	Upper
79	100		
52	91.1	71.0	106.4
51	44.3	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

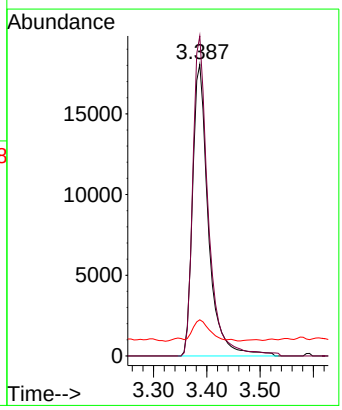
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

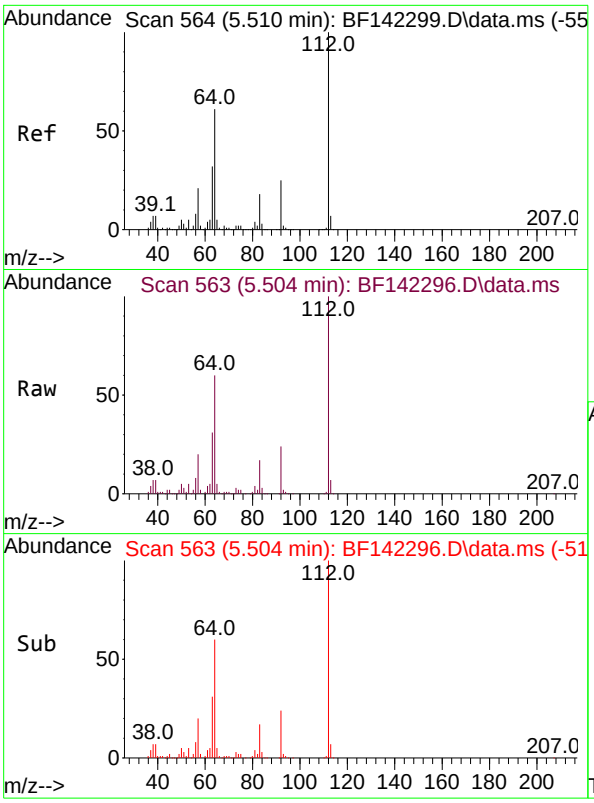


#4
n-Nitrosodimethylamine
Concen: 4.985 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 42 Resp: 37175

Ion	Ratio	Lower	Upper
42	100		
74	109.7	88.5	132.7
44	12.4	5.8	8.8#

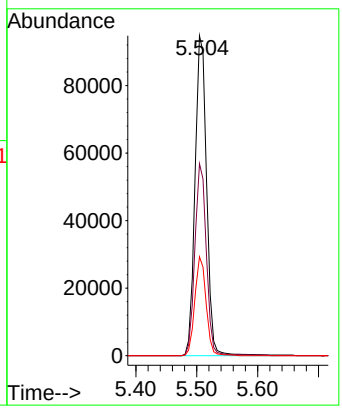




#5
2-Fluorophenol
Concen: 10.347 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:112 Resp: 12557

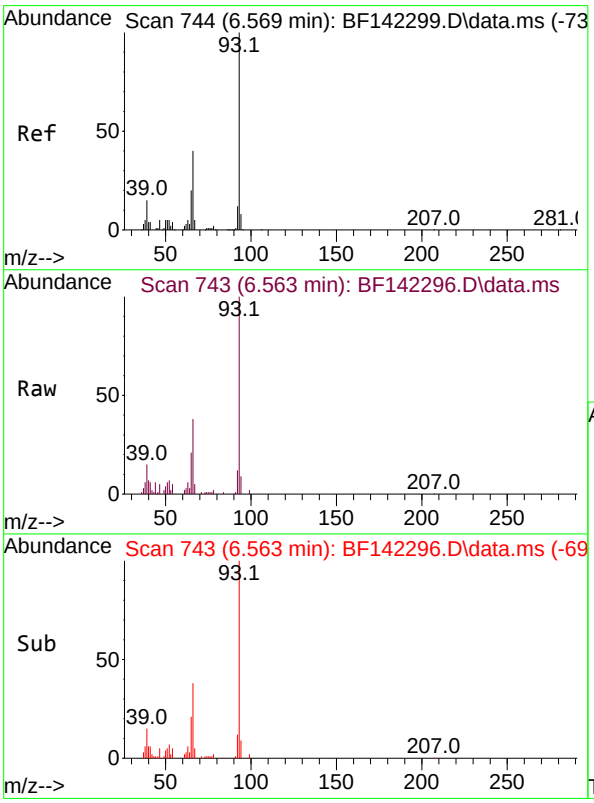
Ion	Ratio	Lower	Upper
112	100		
64	60.0	48.9	73.3
63	30.9	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

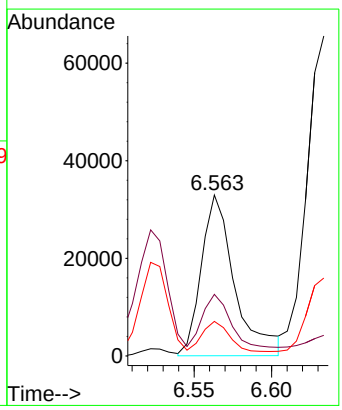
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

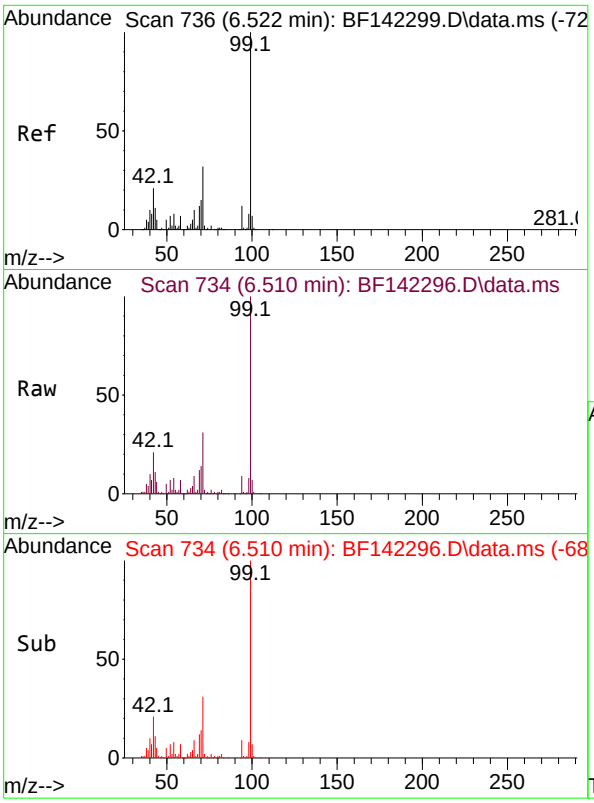


#6
Aniline
Concen: 3.377 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 93 Resp: 49440

Ion	Ratio	Lower	Upper
93	100		
66	38.3	32.2	48.4
65	21.4	16.3	24.5





#7
Phenol-d6
Concen: 10.479 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

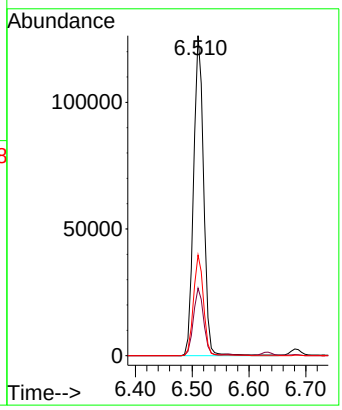
Tgt Ion: 99 Resp: 15641

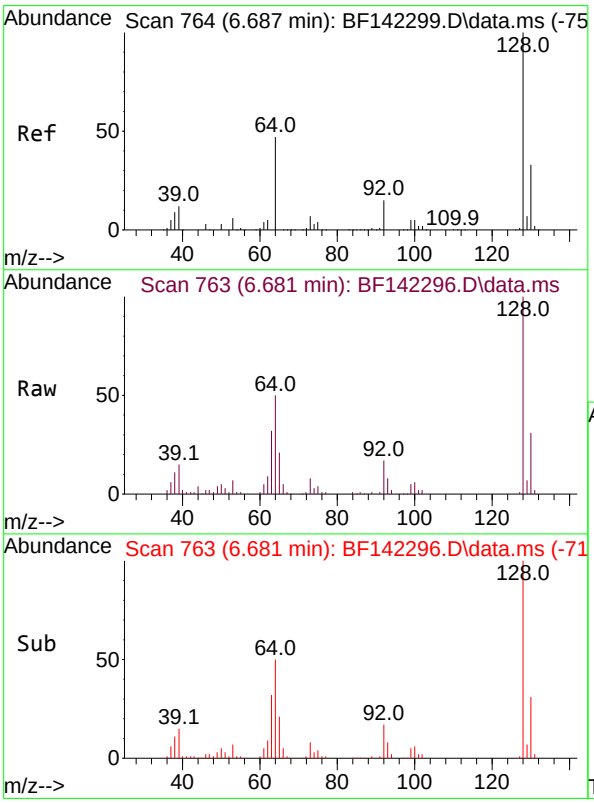
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.4
71	31.4	25.8	38.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

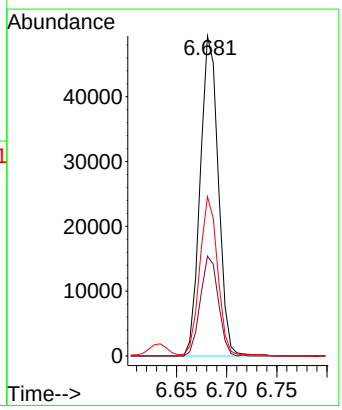


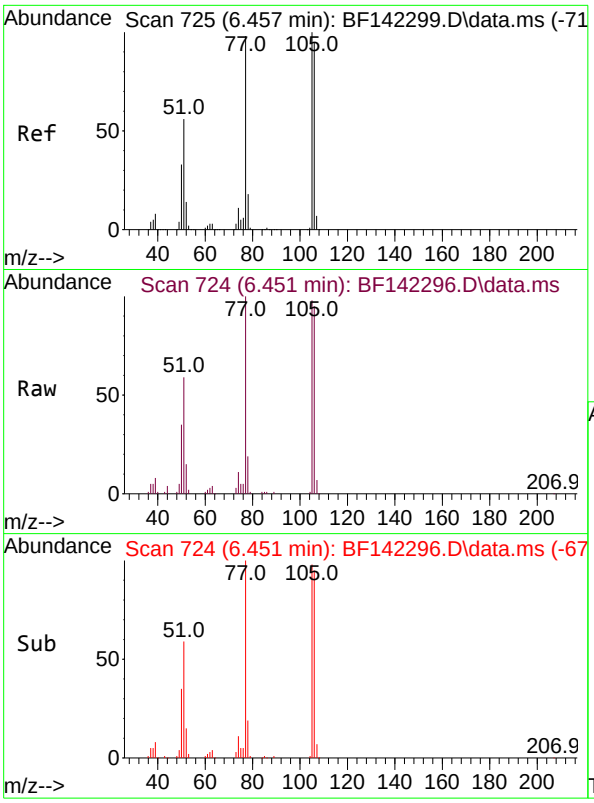


#8
2-Chlorophenol
Concen: 4.801 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:128 Resp: 62258

Ion	Ratio	Lower	Upper
128	100		
130	31.2	12.7	52.7
64	49.8	29.2	69.2





#9
Benzaldehyde
Concen: 6.217 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

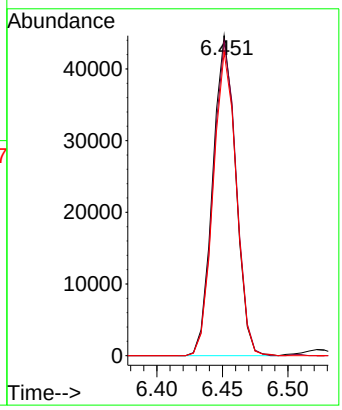
Tgt Ion: 77 Resp: 5431

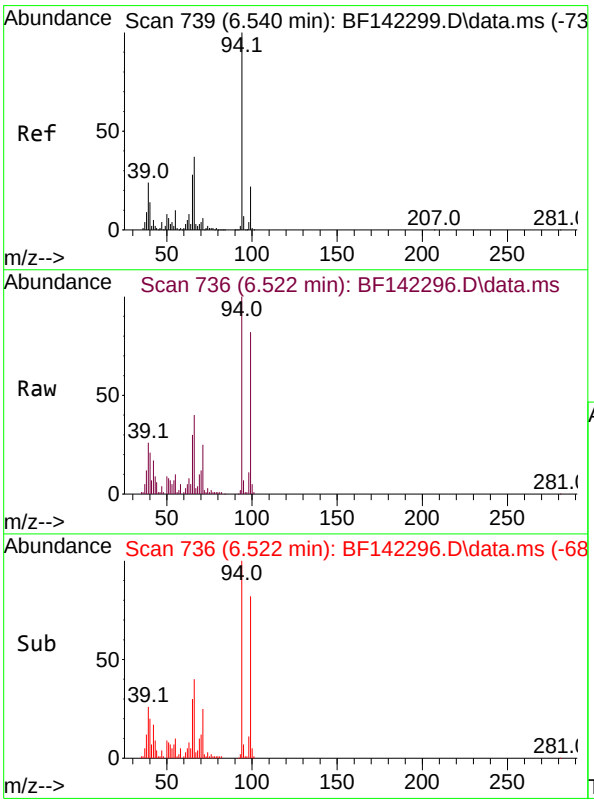
Ion	Ratio	Lower	Upper
77	100		
105	98.1	82.0	122.0
106	94.9	77.2	117.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

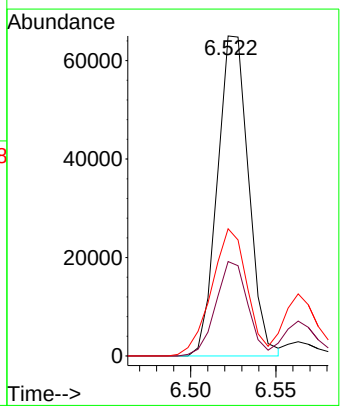


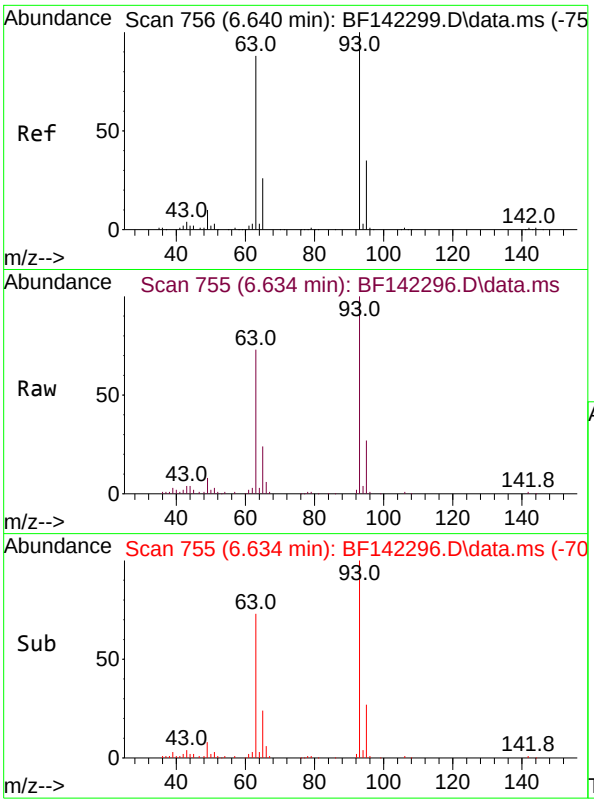


#10
Phenol
Concen: 5.234 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.018 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 94 Resp: 82817

Ion	Ratio	Lower	Upper
94	100		
65	29.5	8.5	48.5
66	39.8	17.3	57.3

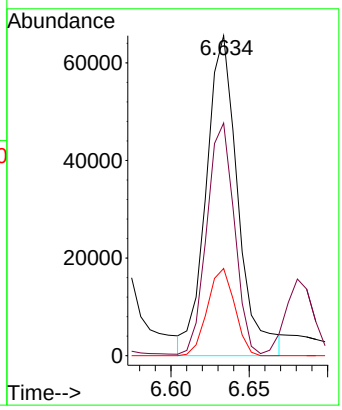




#11
bis(2-Chloroethyl)ether
Concen: 5.940 ng m
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 93 Resp: 9267

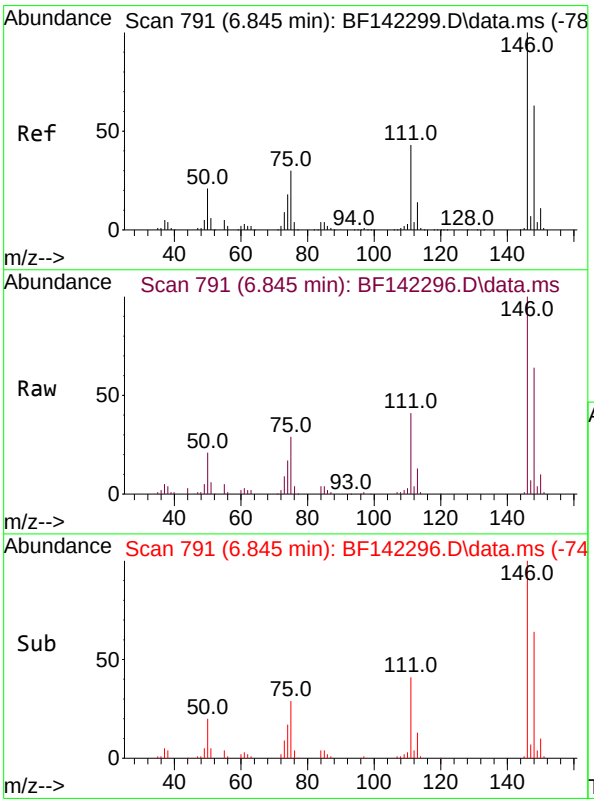
Ion	Ratio	Lower	Upper
93	100		
63	72.7	58.4	98.4
95	27.2	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

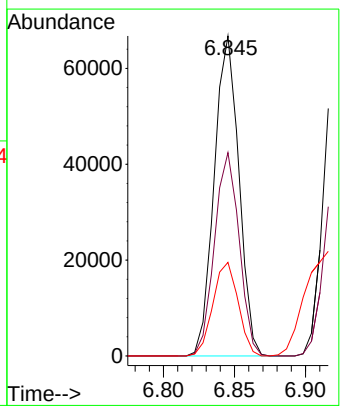
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

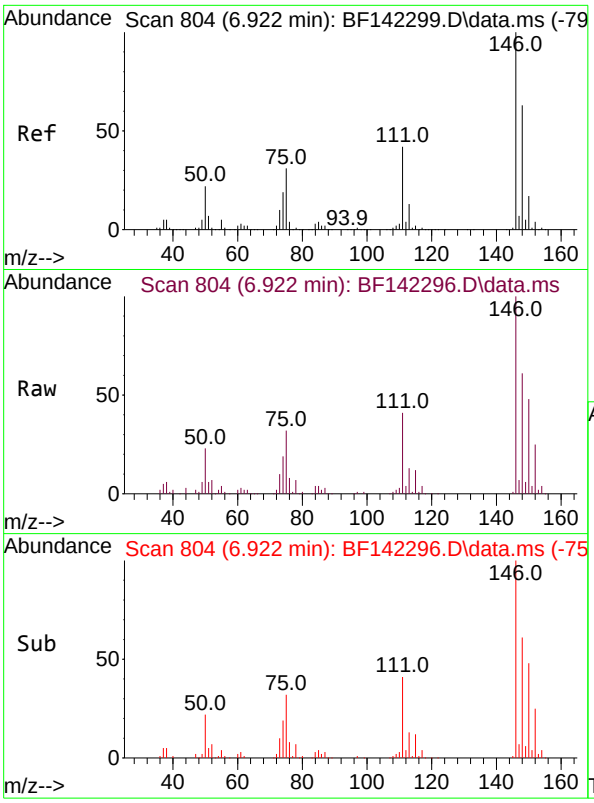


#12
1,3-Dichlorobenzene
Concen: 5.428 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:146 Resp: 80536

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	76.0
75	29.3	24.2	36.4

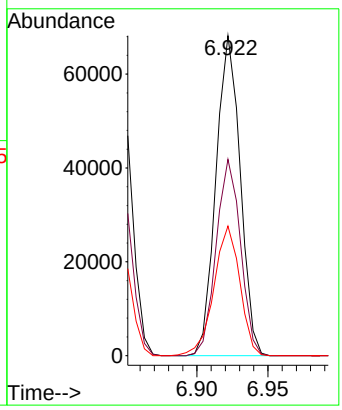




#13
1,4-Dichlorobenzene
Concen: 5.431 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:146 Resp: 8090

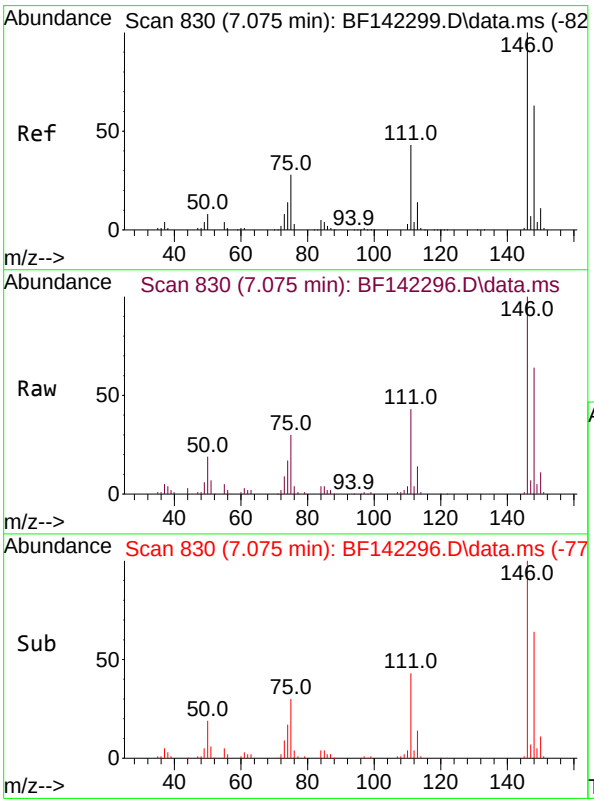
Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.5	75.7
111	40.5	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

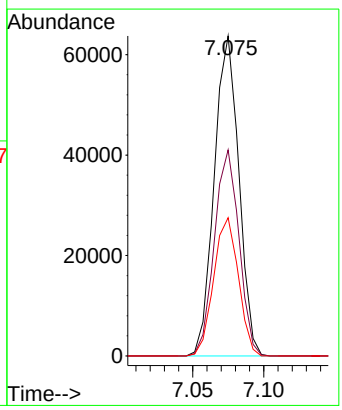
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

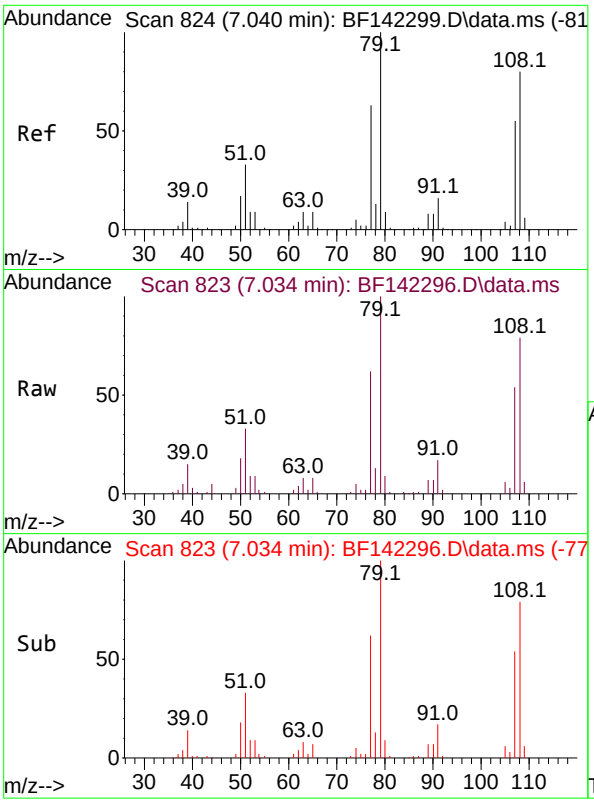


#14
1,2-Dichlorobenzene
Concen: 5.361 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:146 Resp: 76655

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.3	75.5
111	43.2	34.5	51.7

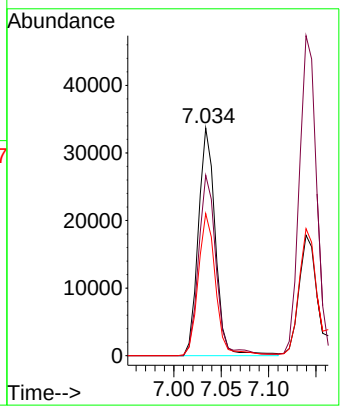




#15
Benzyl Alcohol
Concen: 4.374 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 79 Resp: 4227

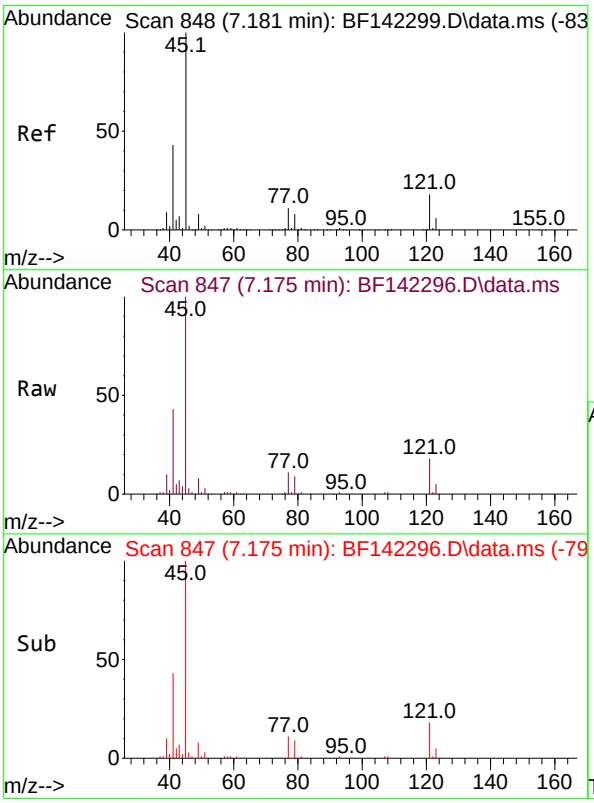
Ion	Ratio	Lower	Upper
79	100		
108	79.3	63.9	95.9
77	62.4	50.7	76.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

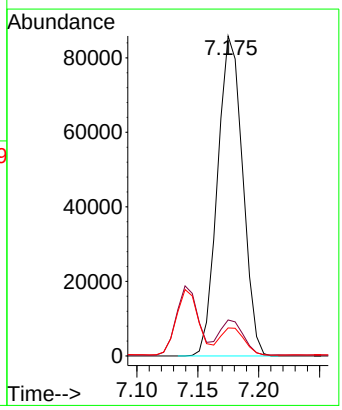
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

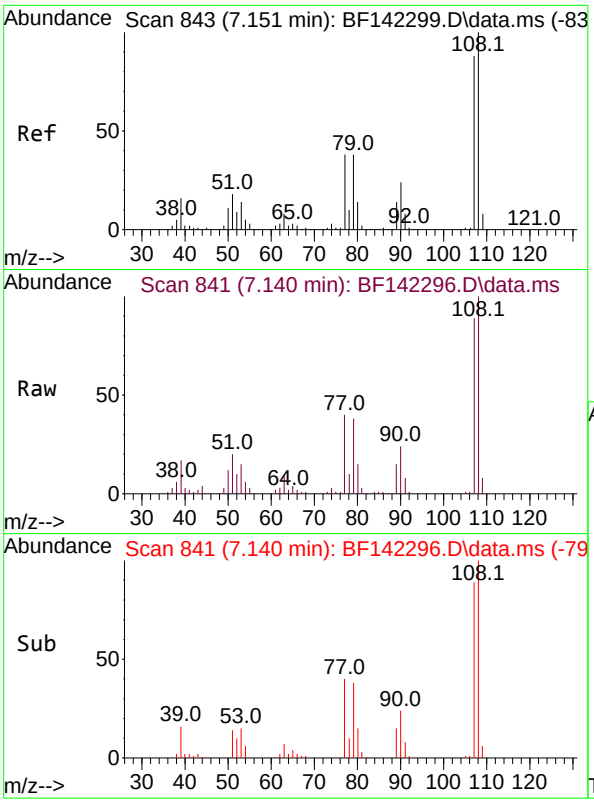


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.289 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 45 Resp: 123229

Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	31.2
79	8.8	0.0	28.5

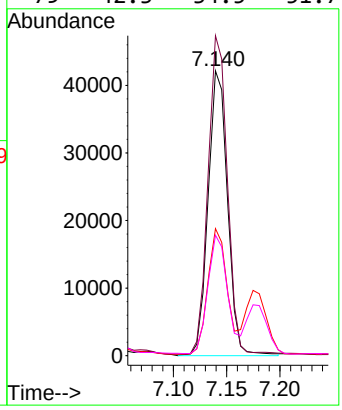




#17
2-Methylphenol
Concen: 5.094 ng
RT: 7.140 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:107 Resp: 5348

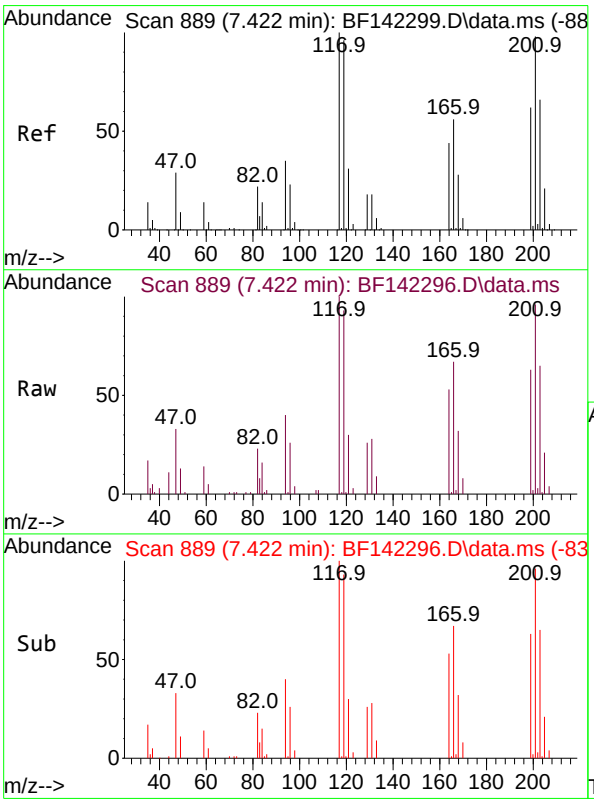
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.1	136.7
77	44.6	34.7	52.1
79	42.3	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

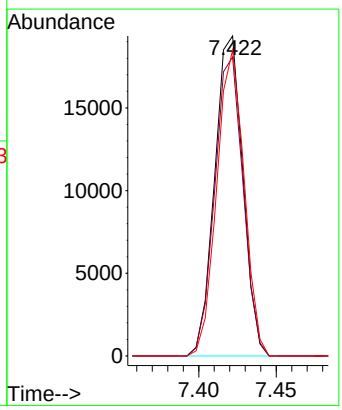
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

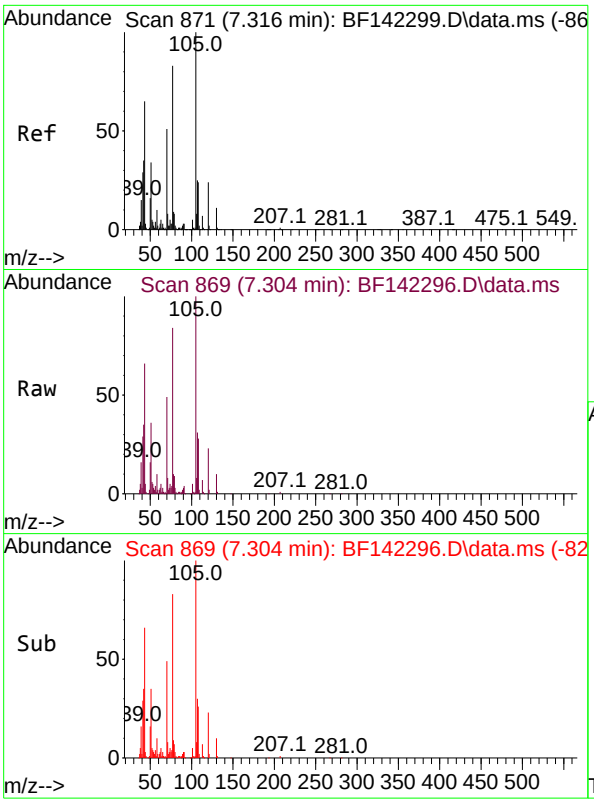


#18
Hexachloroethane
Concen: 4.938 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:117 Resp: 24476

Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.9	115.3
201	95.6	78.0	117.0

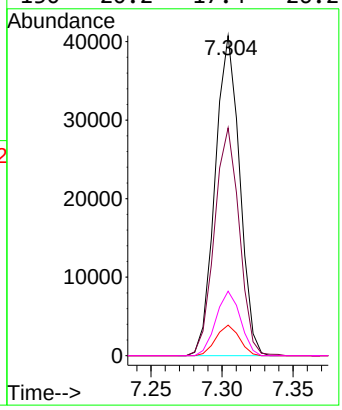




#19
n-Nitroso-di-n-propylamine
Concen: 5.290 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 70 Resp: 4884

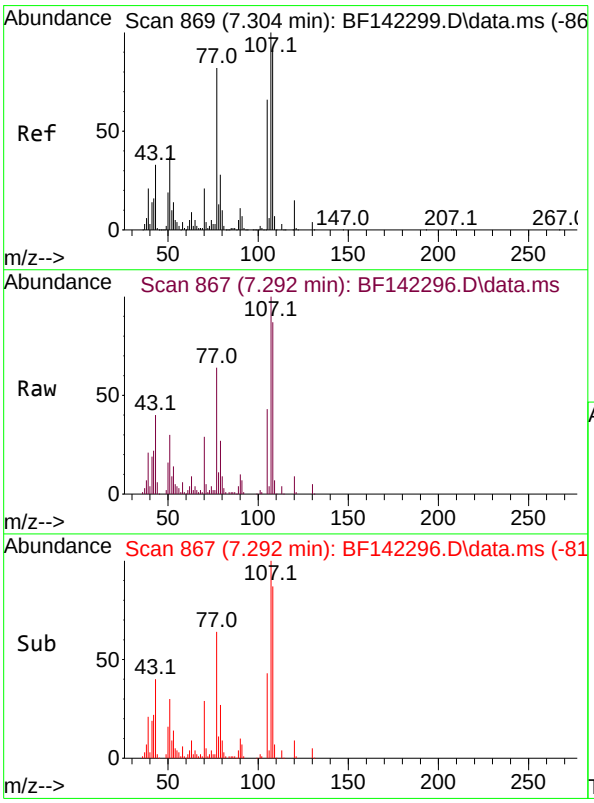
Ion	Ratio	Lower	Upper
70	100		
42	71.2	54.8	82.2
101	9.6	7.7	11.5
130	20.2	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

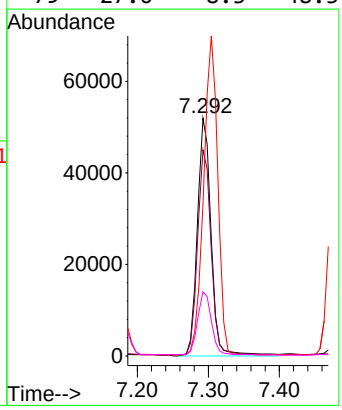
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

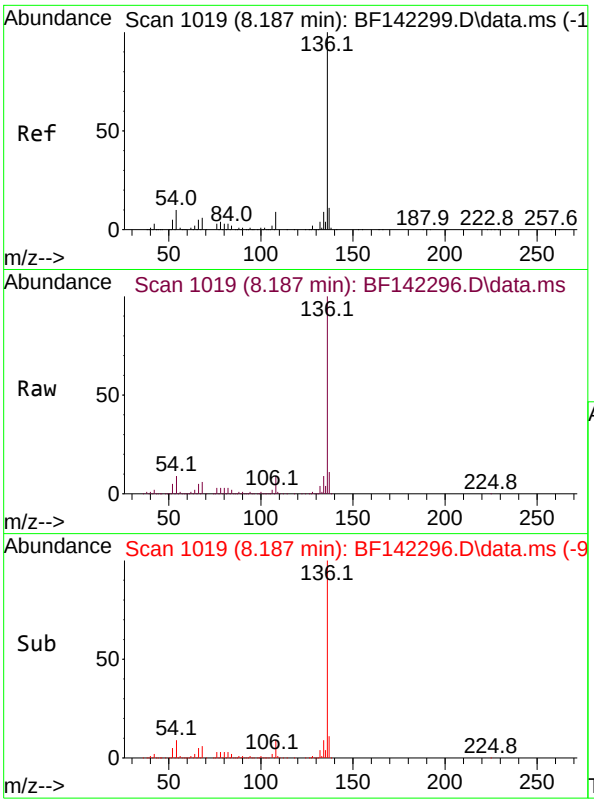


#20
3+4-Methylphenols
Concen: 5.351 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:107 Resp: 70122

Ion	Ratio	Lower	Upper
107	100		
108	86.7	71.5	111.5
77	64.1	61.6	101.6
79	27.0	8.3	48.3

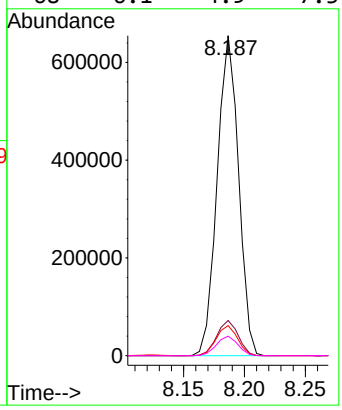




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:136 Resp: 80010(

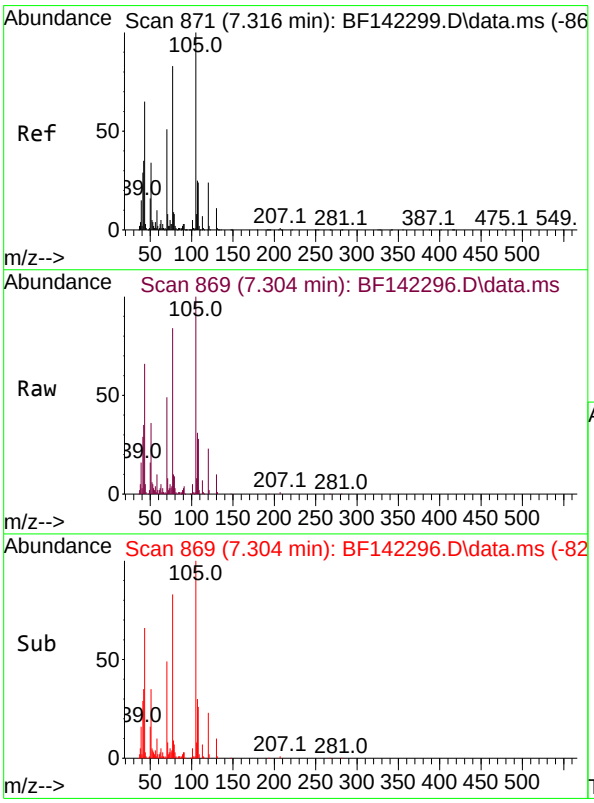
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.4	7.7	11.5
68	6.1	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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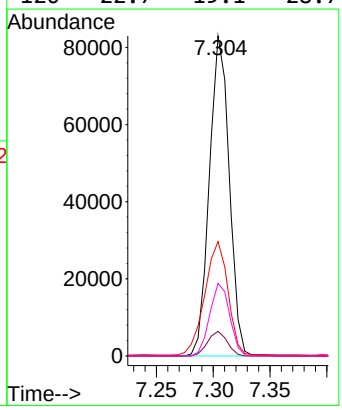
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

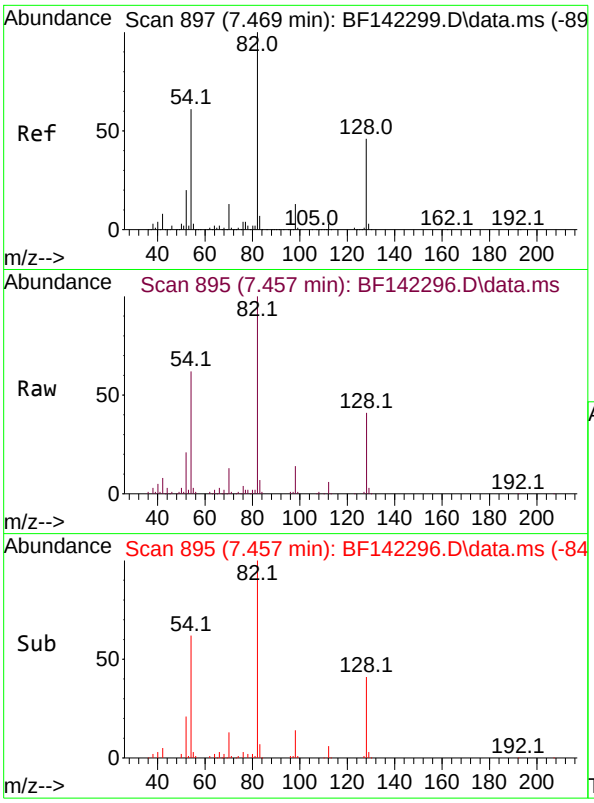


#22
Acetophenone
Concen: 5.677 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:105 Resp: 101001

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.7	10.1
51	35.8	27.6	41.4
120	22.7	19.1	28.7





#23
Nitrobenzene-d5
Concen: 8.807 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

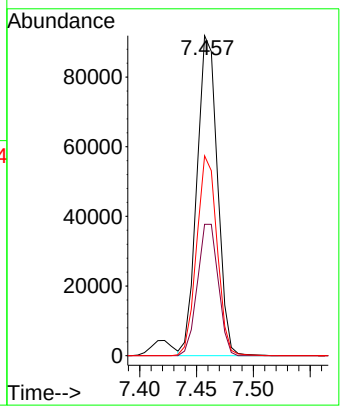
Tgt Ion: 82 Resp: 11554

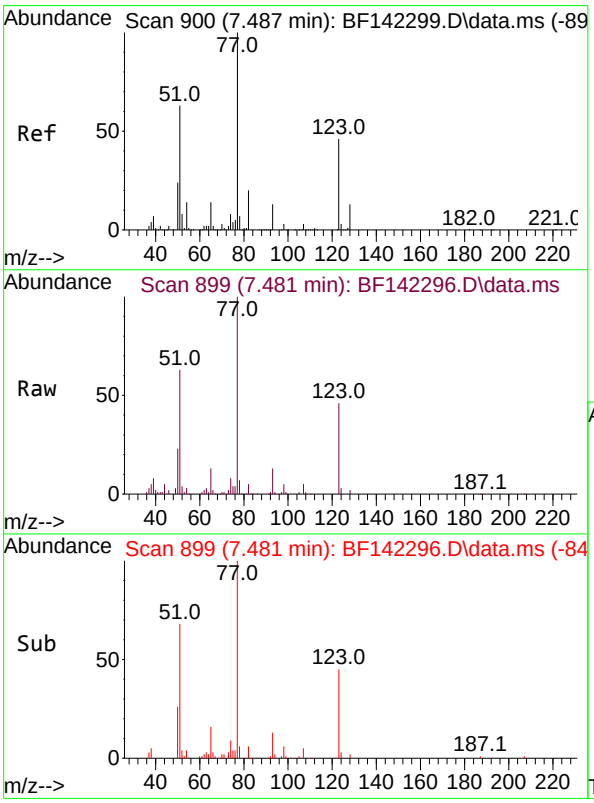
Ion	Ratio	Lower	Upper
82	100		
128	41.1	37.0	55.6
54	62.5	48.6	73.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

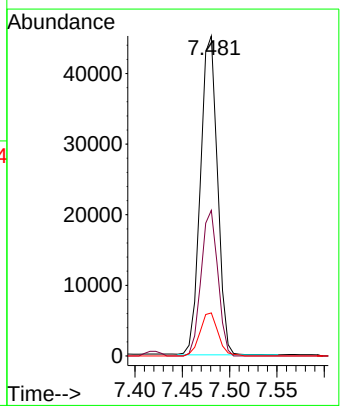


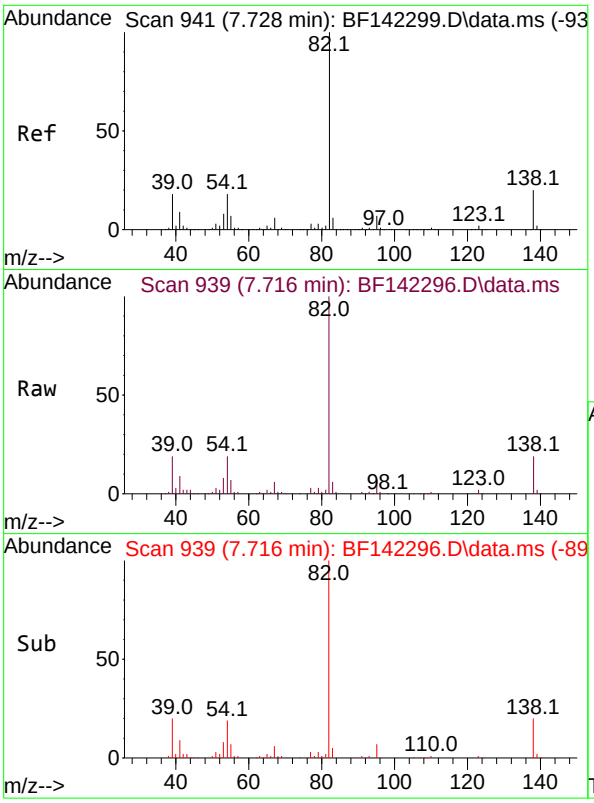


#24
Nitrobenzene
Concen: 4.551 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 77 Resp: 56276

Ion	Ratio	Lower	Upper
77	100		
123	45.5	37.8	56.8
65	13.4	11.4	17.0

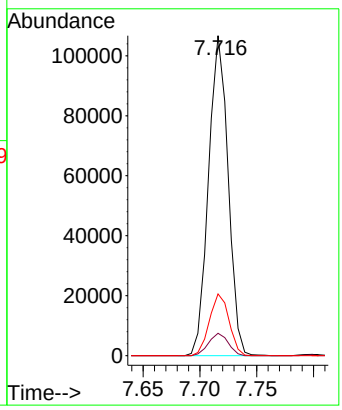




#25
Isophorone
Concen: 5.145 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 82 Resp: 12781

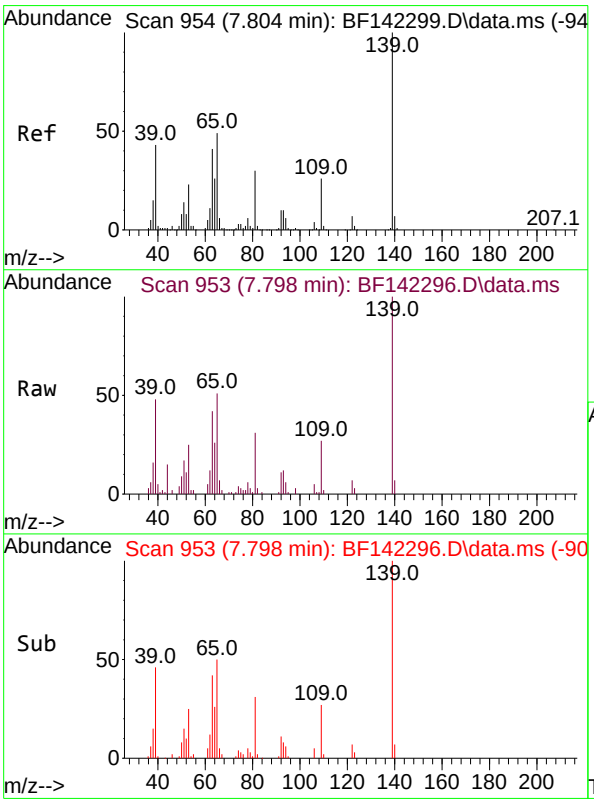
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.8
138	19.3	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

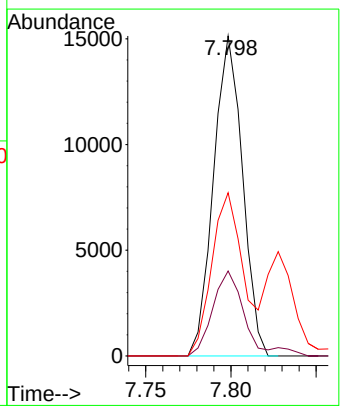
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

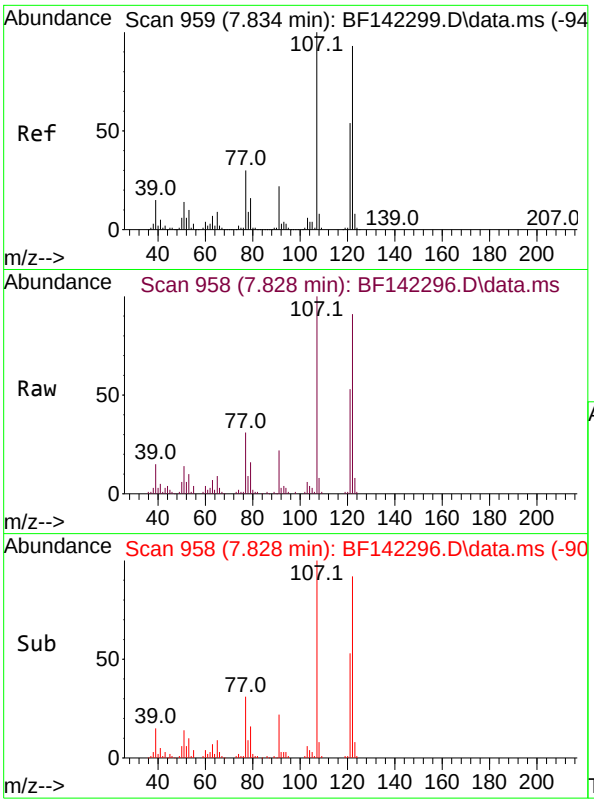


#26
2-Nitrophenol
Concen: 6.828 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:139 Resp: 17854

Ion	Ratio	Lower	Upper
139	100		
109	26.5	20.8	31.2
65	51.0	38.9	58.3

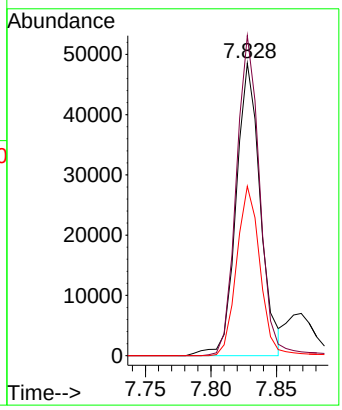




#27
2,4-Dimethylphenol
Concen: 4.981 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:122 Resp: 6221

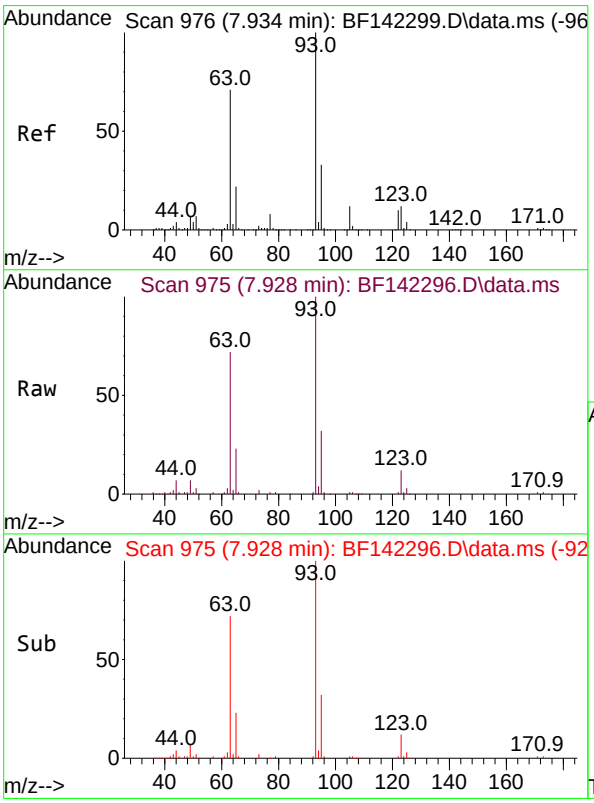
Ion	Ratio	Lower	Upper
122	100		
107	109.4	86.0	129.0
121	57.9	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

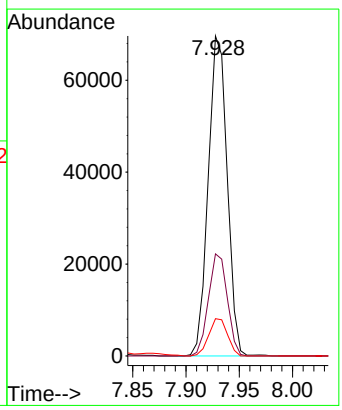
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

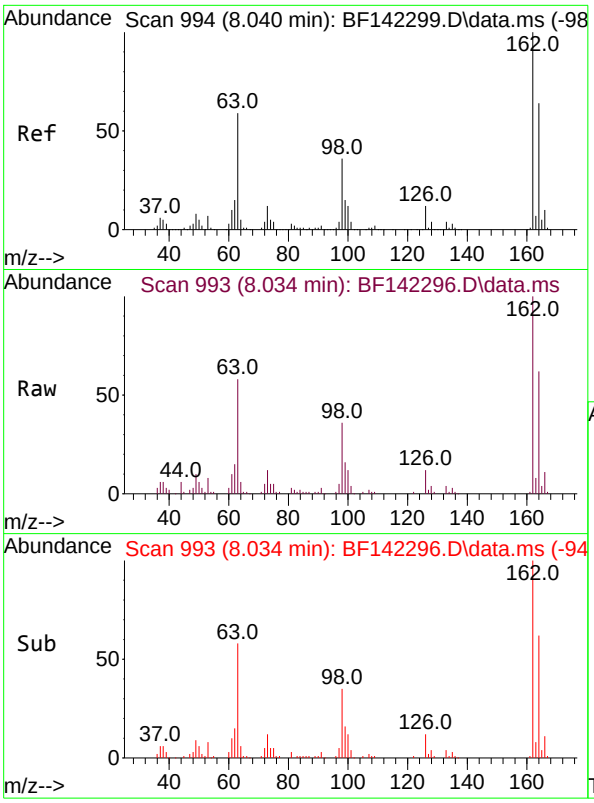


#28
bis(2-Chloroethoxy)methane
Concen: 5.385 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 93 Resp: 86020

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.1	39.1
123	11.7	10.2	15.4

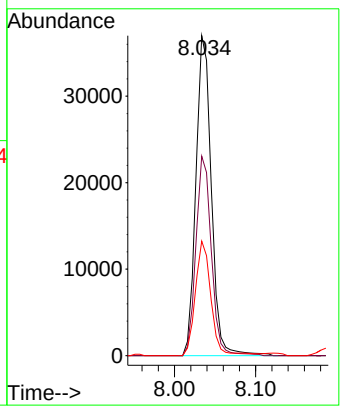




#29
2,4-Dichlorophenol
Concen: 4.615 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:162 Resp: 4900

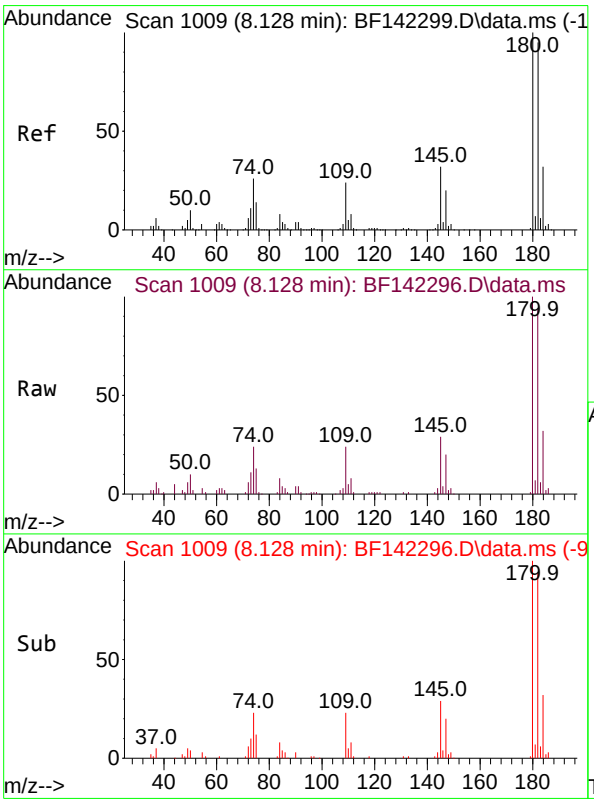
Ion	Ratio	Lower	Upper
162	100		
164	62.4	43.6	83.6
98	35.8	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

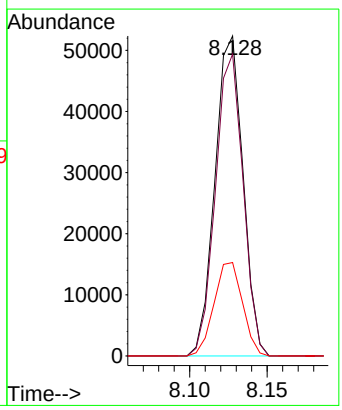
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

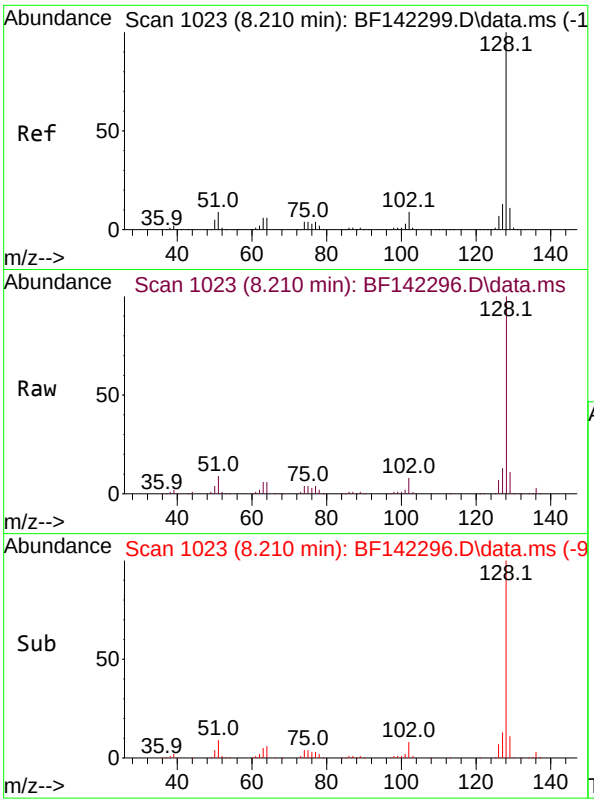


#30
1,2,4-Trichlorobenzene
Concen: 5.501 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:180 Resp: 65738

Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.2	114.4
145	29.2	25.8	38.6

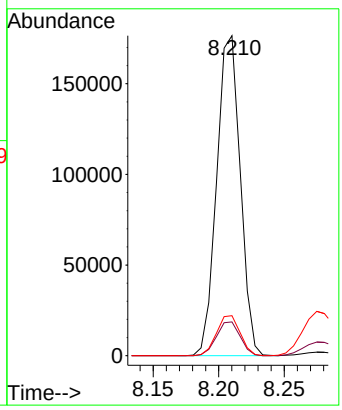




#31
Naphthalene
Concen: 5.684 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:128 Resp: 22040

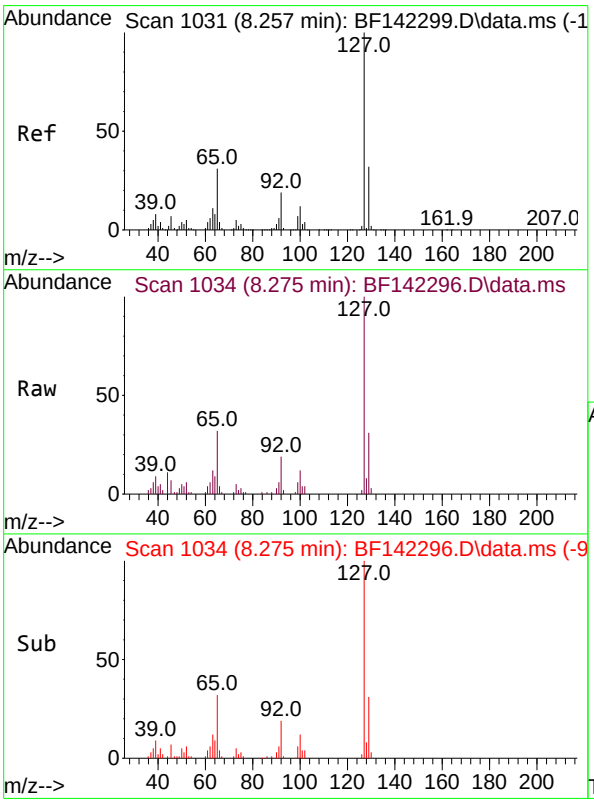
Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.1	13.7
127	12.5	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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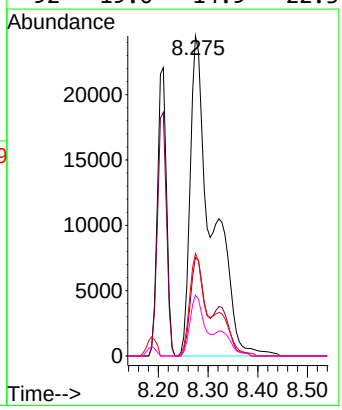
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

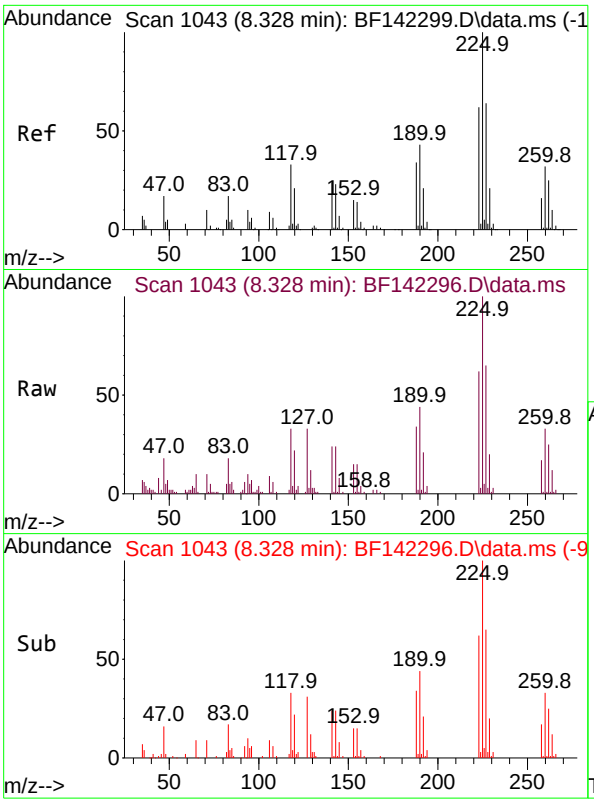


#33
4-Chloroaniline
Concen: 4.723 ng m
RT: 8.275 min Scan# 1034
Delta R.T. 0.018 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:127 Resp: 74603

Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.7	38.5
65	32.1	24.9	37.3
92	19.0	14.9	22.3





#34
Hexachlorobutadiene
Concen: 5.302 ng
RT: 8.328 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

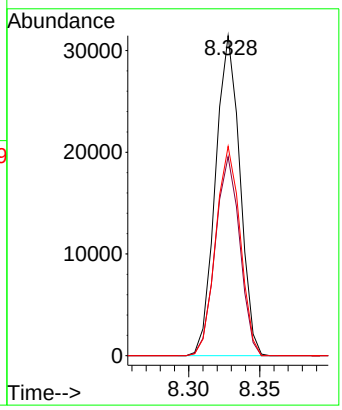
Tgt Ion:225 Resp: 3752

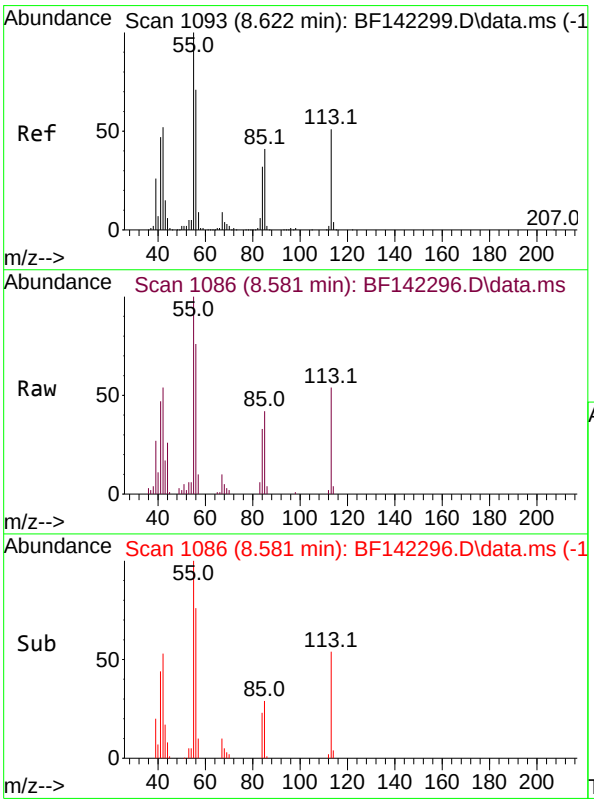
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	65.4	50.9	76.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

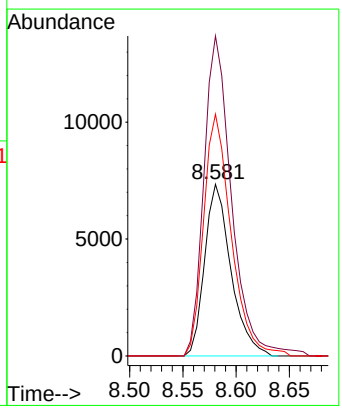


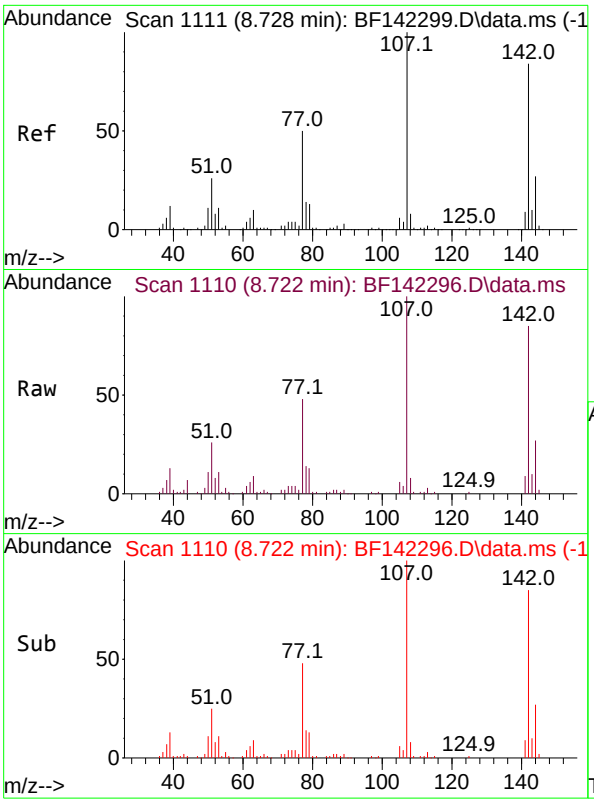


#35
Caprolactam
Concen: 4.085 ng
RT: 8.581 min Scan# 1086
Delta R.T. -0.041 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:113 Resp: 12615

Ion	Ratio	Lower	Upper
113	100		
55	186.4	176.4	216.4
56	140.8	120.3	160.3

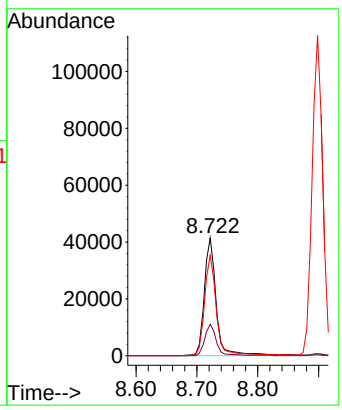




#36
4-Chloro-3-methylphenol
Concen: 5.083 ng
RT: 8.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:107 Resp: 5611

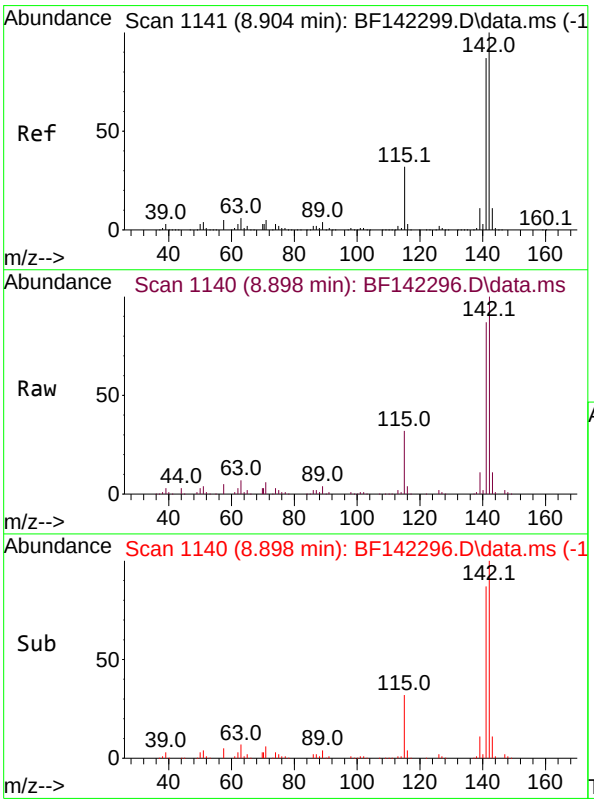
Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.3	31.9
142	85.1	66.9	100.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

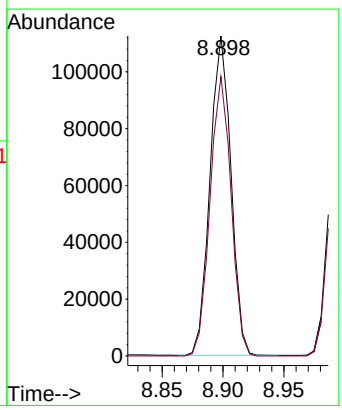
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

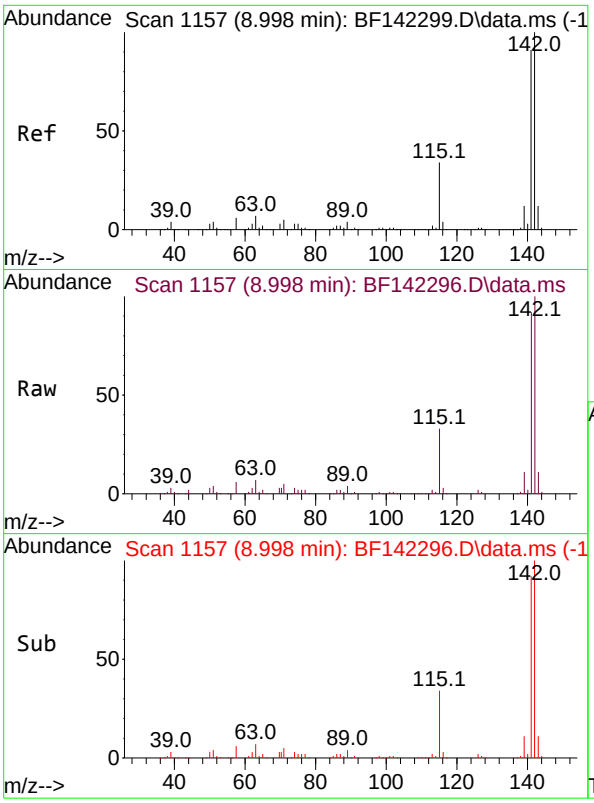


#37
2-Methylnaphthalene
Concen: 5.576 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:142 Resp: 134367

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.4	104.2

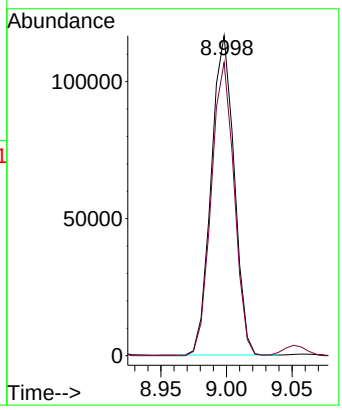




#38
1-Methylnaphthalene
Concen: 5.652 ng
RT: 8.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:142 Resp: 14195

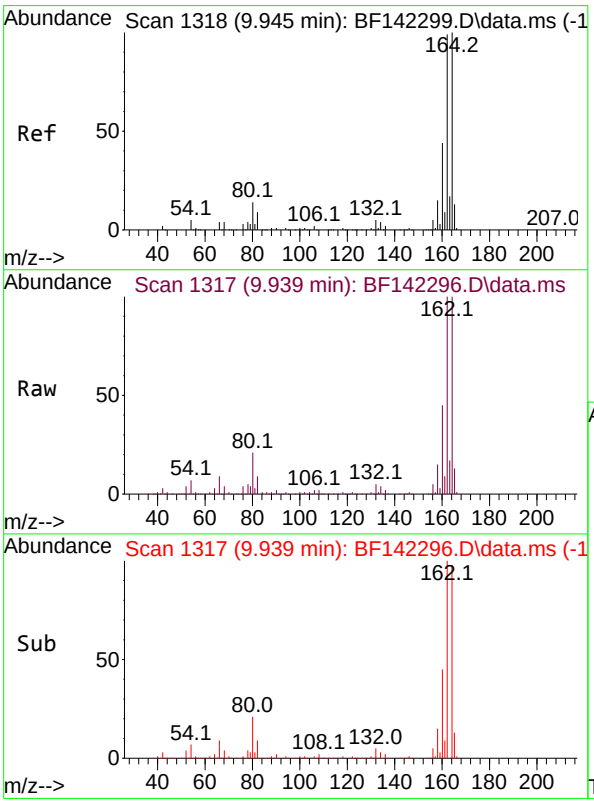
Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.5	108.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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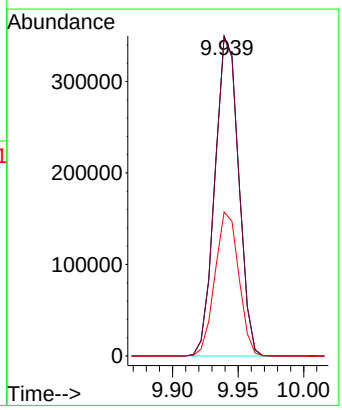
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

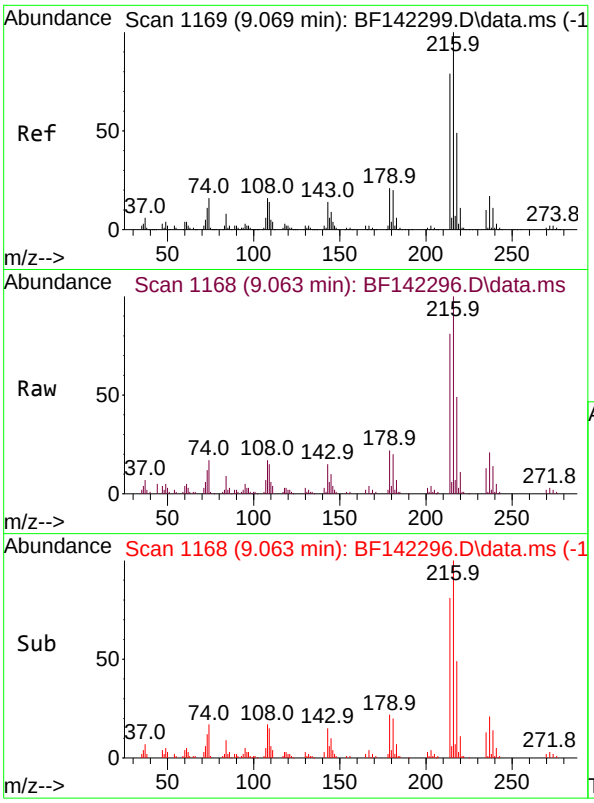


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:164 Resp: 439288

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.2	118.8
160	45.0	35.3	52.9

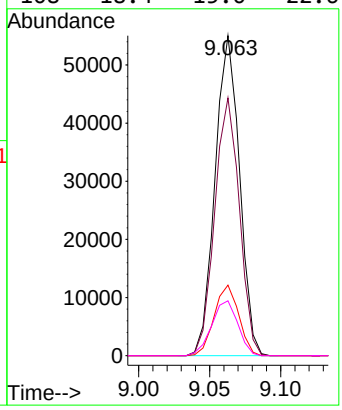




#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.370 ng
RT: 9.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:216 Resp: 6589

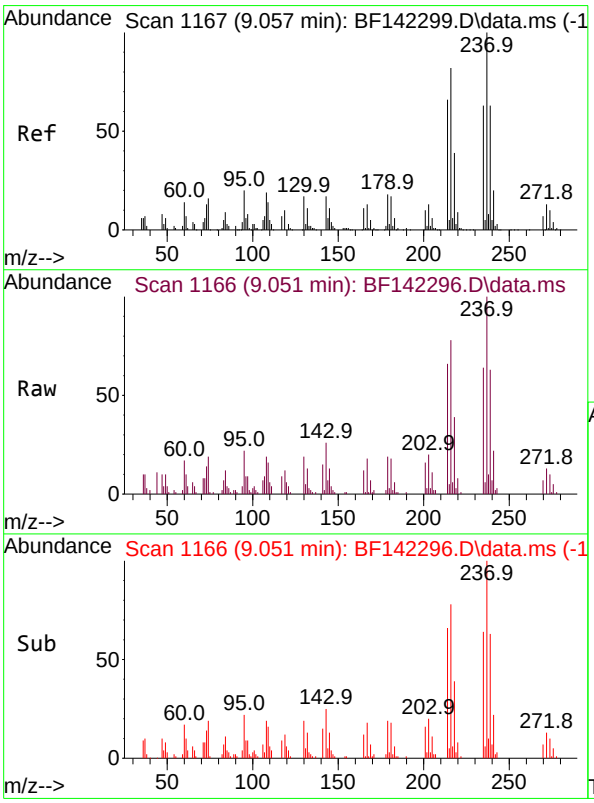
Ion	Ratio	Lower	Upper
216	100		
214	81.0	63.8	95.6
179	22.1	17.0	25.6
108	18.4	15.0	22.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

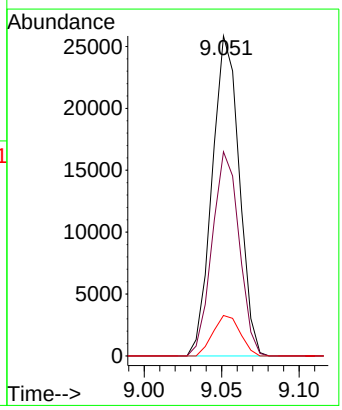
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

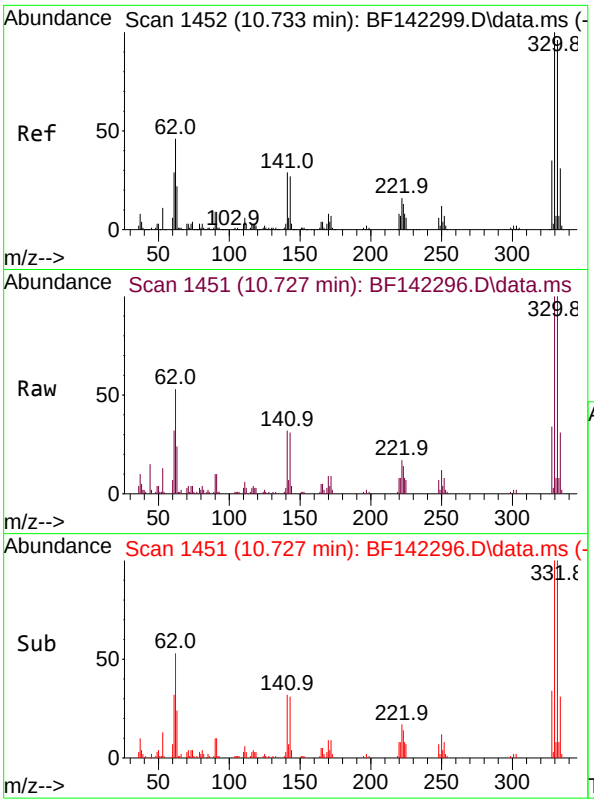


#41
Hexachlorocyclopentadiene
Concen: 4.140 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:237 Resp: 31389

Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.8	82.8
272	12.7	0.0	33.0

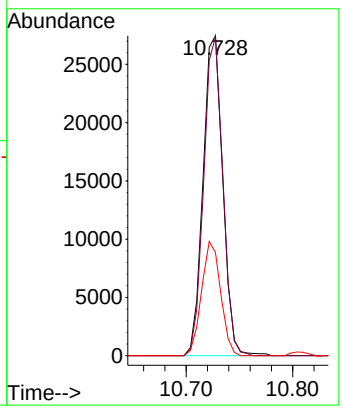




#42
2,4,6-Tribromophenol
Concen: 8.322 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:330 Resp: 3529

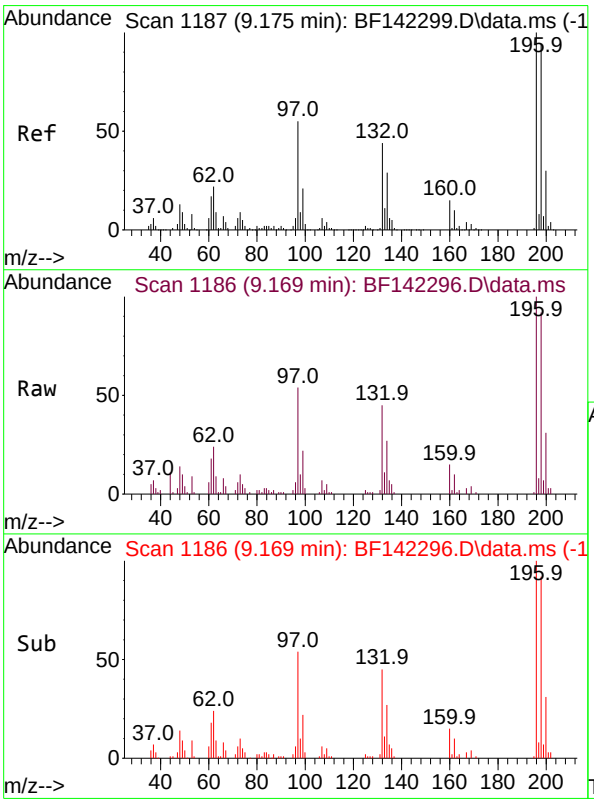
Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	34.6	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

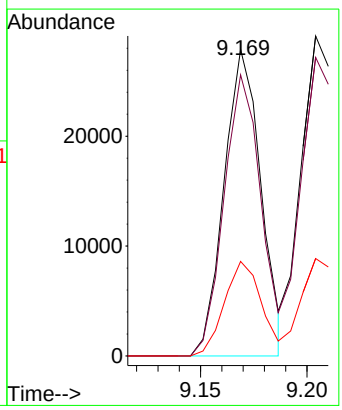
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

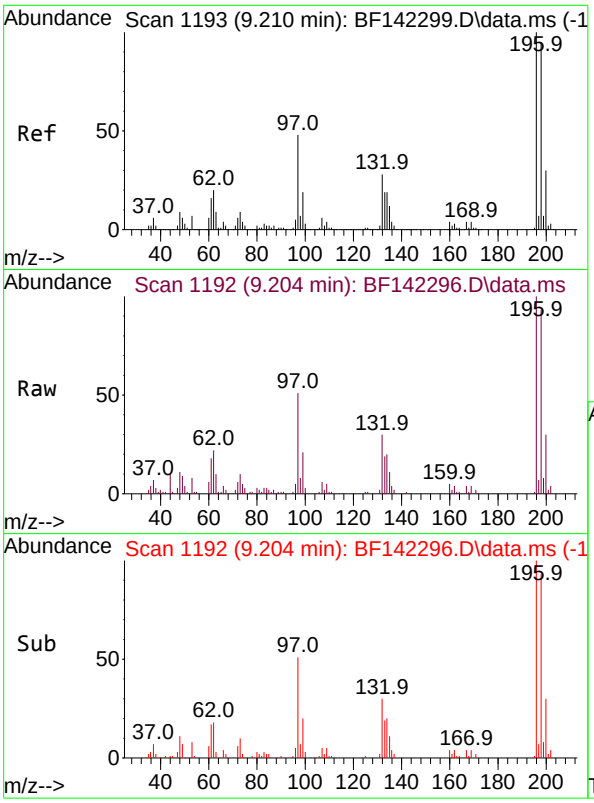


#43
2,4,6-Trichlorophenol
Concen: 4.346 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:196 Resp: 33630

Ion	Ratio	Lower	Upper
196	100		
198	91.7	75.4	113.0
200	30.8	24.3	36.5

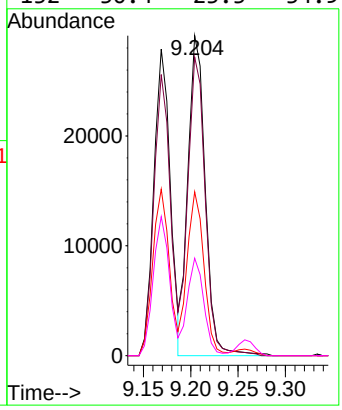




#44
2,4,5-Trichlorophenol
Concen: 4.522 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:196 Resp: 3723

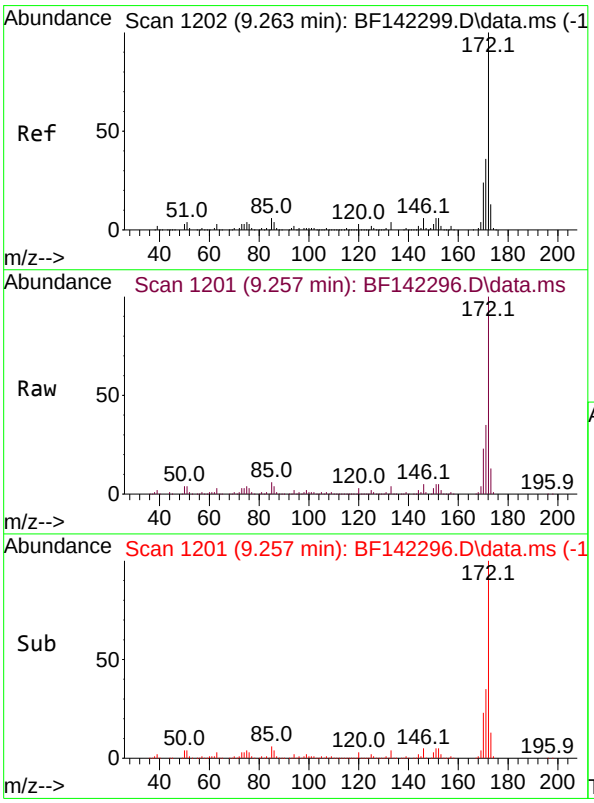
Ion	Ratio	Lower	Upper
196	100		
198	93.3	76.1	114.1
97	51.2	39.0	58.4
132	30.4	23.3	34.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

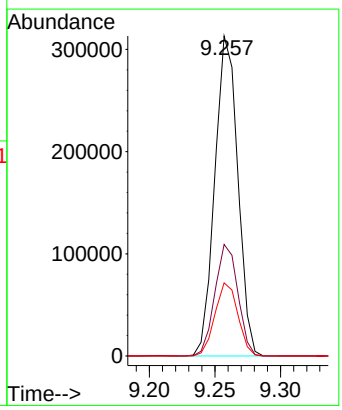
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

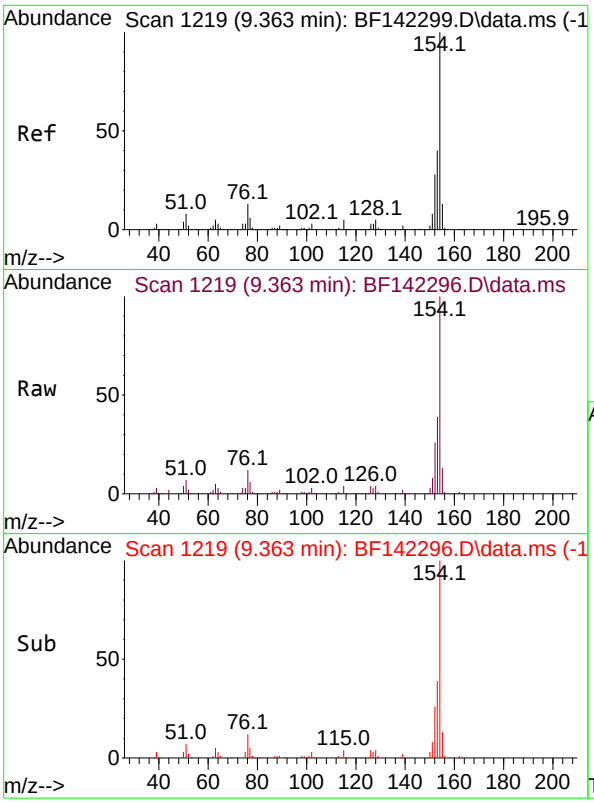


#45
2-Fluorobiphenyl
Concen: 12.383 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:172 Resp: 381508

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	22.8	19.0	28.4

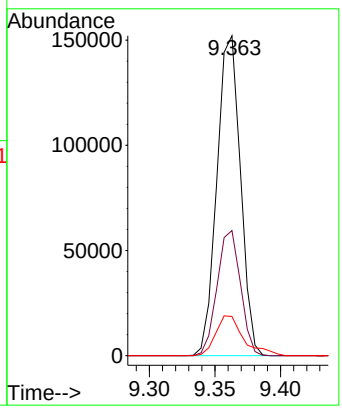




#46
1,1'-Biphenyl
Concen: 5.631 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:154 Resp: 18966

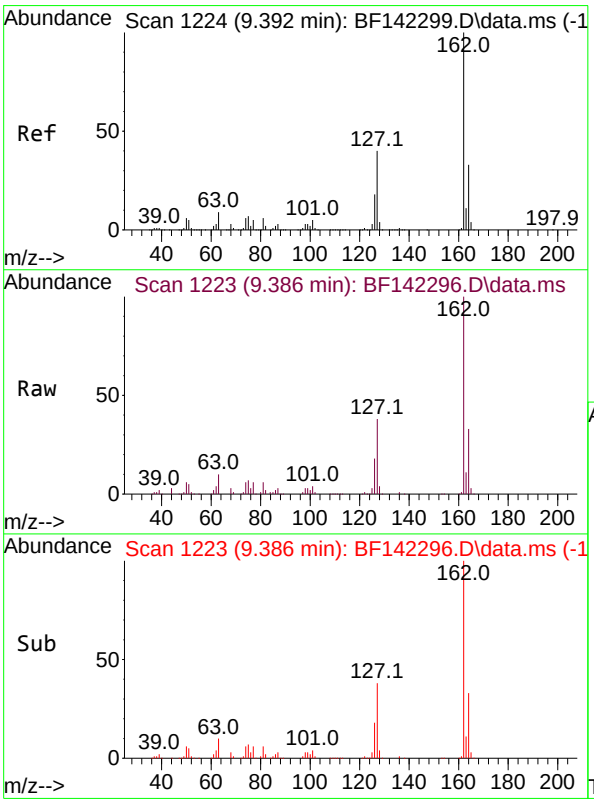
Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.5	60.5
76	12.3	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

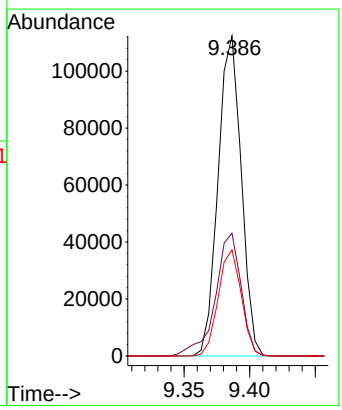
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

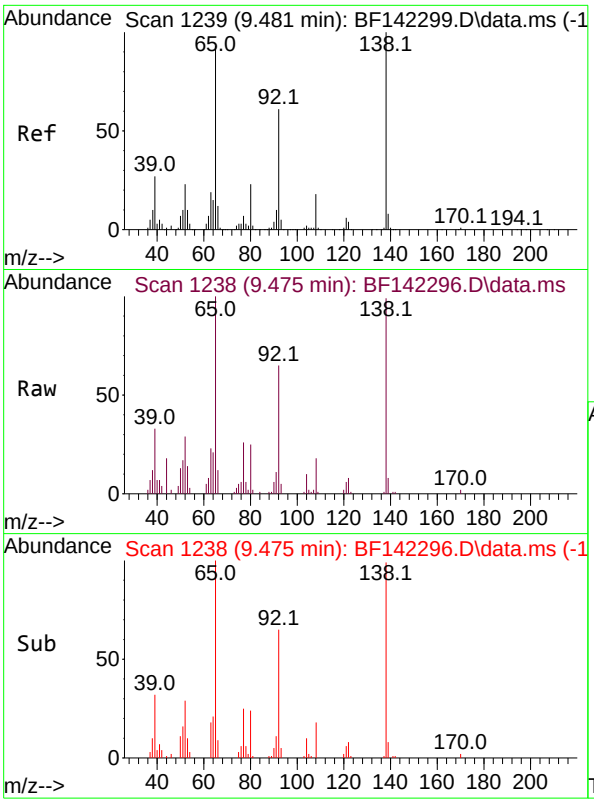


#47
2-Chloronaphthalene
Concen: 5.506 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:162 Resp: 137929

Ion	Ratio	Lower	Upper
162	100		
127	38.4	32.3	48.5
164	33.2	26.6	40.0

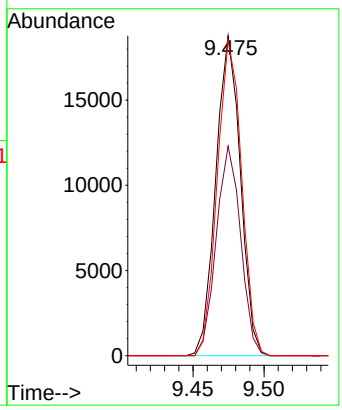




#48
2-Nitroaniline
Concen: 3.510 ng
RT: 9.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 65 Resp: 2253

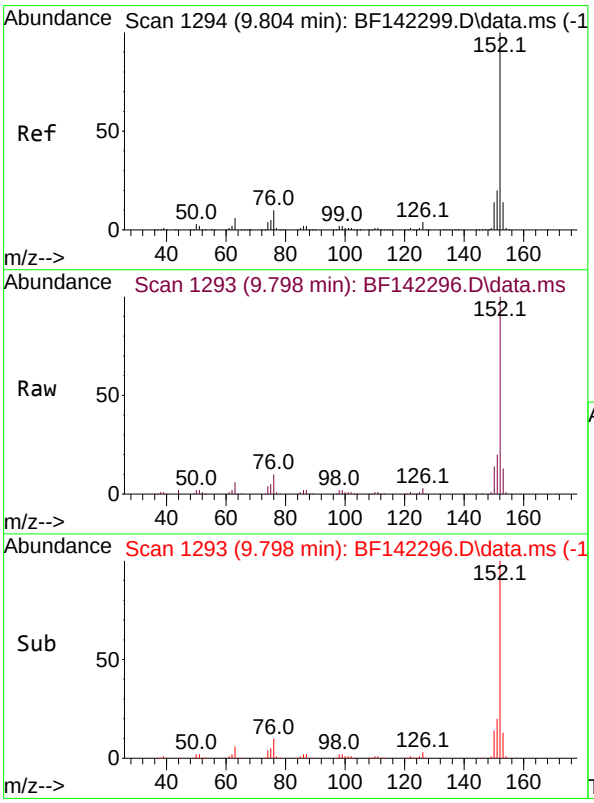
Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.3	78.5
138	98.7	85.6	128.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

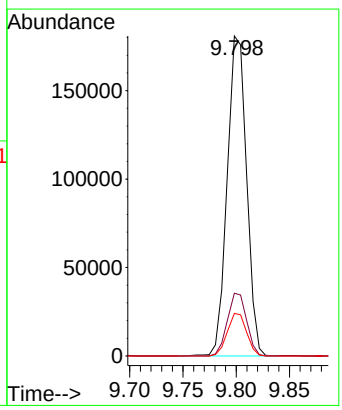
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

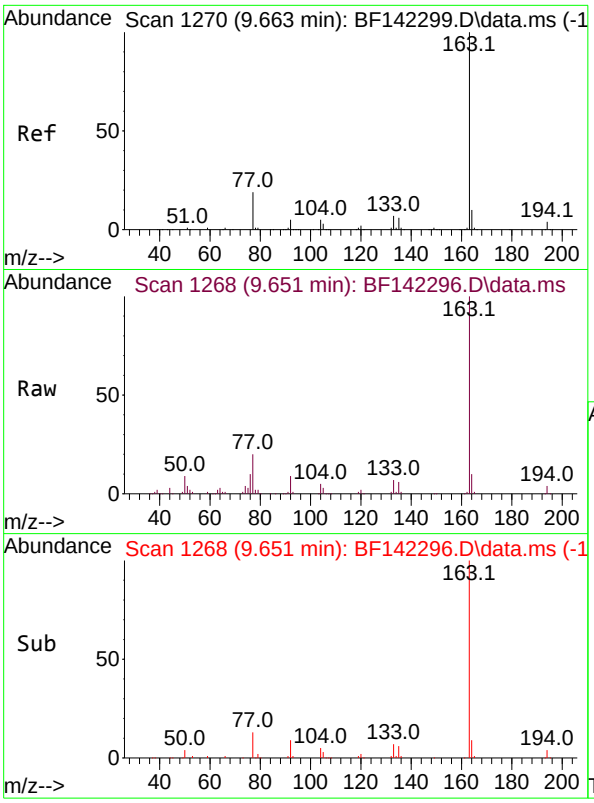


#49
Acenaphthylene
Concen: 5.460 ng
RT: 9.798 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:152 Resp: 228773

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.3	10.8	16.2

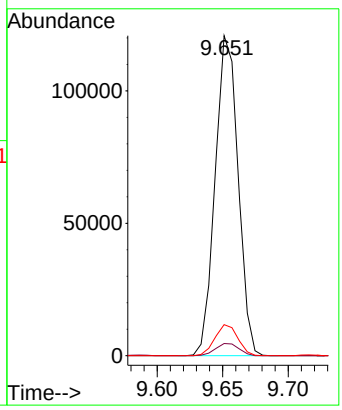




#50
Dimethylphthalate
Concen: 5.208 ng
RT: 9.651 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:163 Resp: 14691

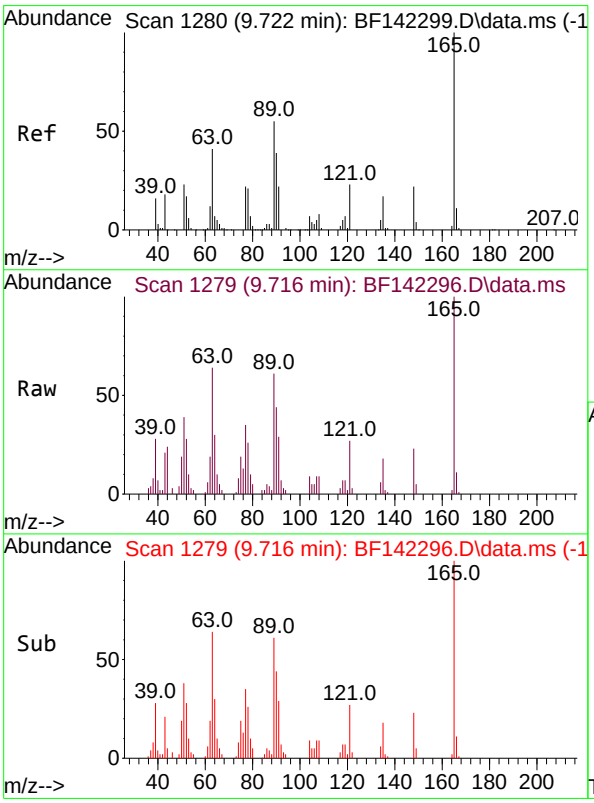
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.7	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

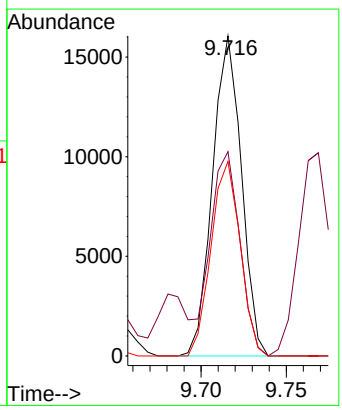
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

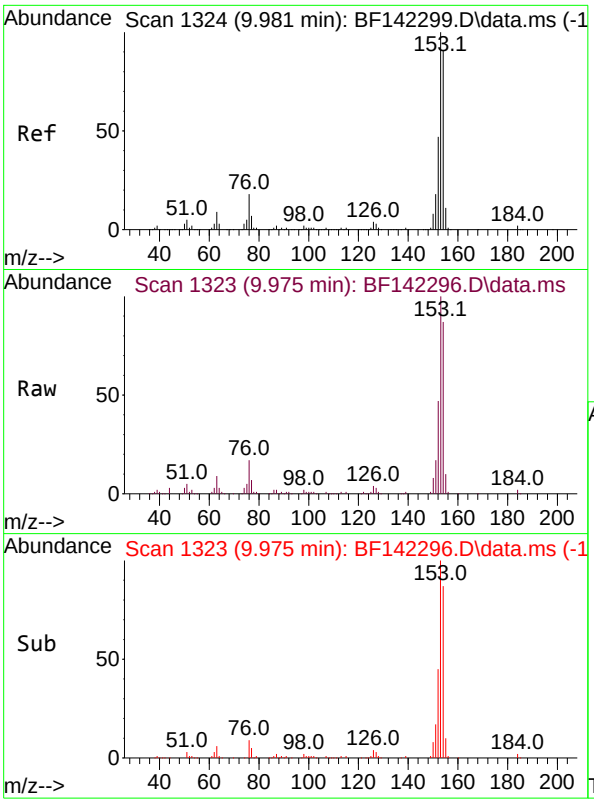


#51
2,6-Dinitrotoluene
Concen: 3.586 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:165 Resp: 18933

Ion	Ratio	Lower	Upper
165	100		
63	63.8	49.5	74.3
89	60.8	44.6	66.8

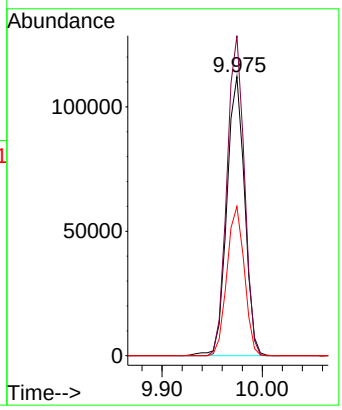




#52
Acenaphthene
Concen: 5.492 ng
RT: 9.975 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:154 Resp: 13837

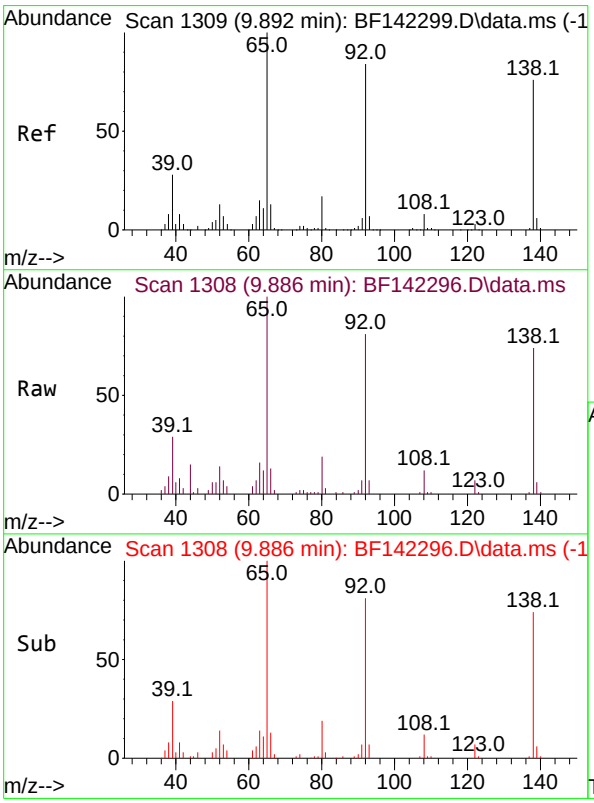
Ion	Ratio	Lower	Upper
154	100		
153	114.7	88.0	132.0
152	53.5	41.6	62.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

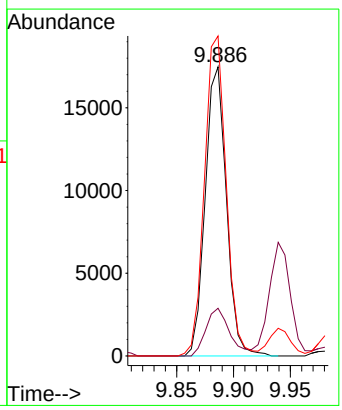
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

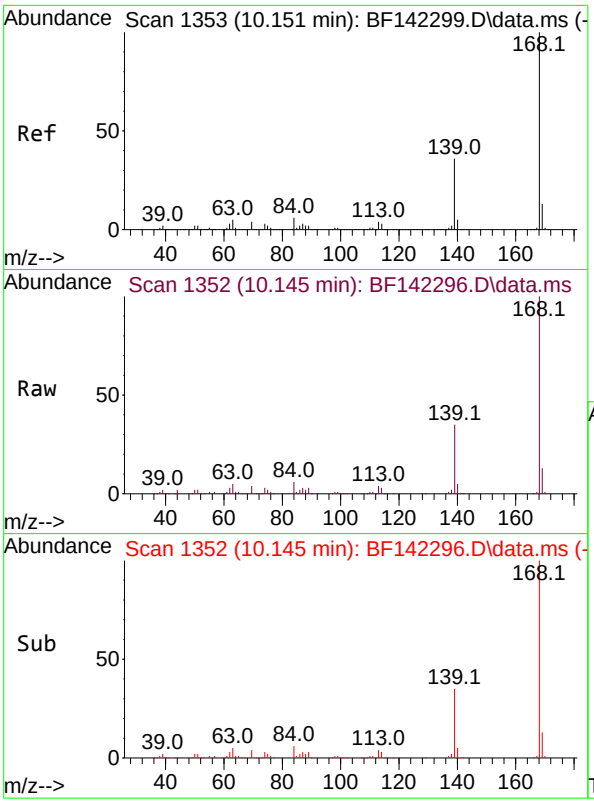


#53
3-Nitroaniline
Concen: 3.659 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:138 Resp: 22656

Ion	Ratio	Lower	Upper
138	100		
108	16.5	8.7	13.1#
92	110.7	89.5	134.3

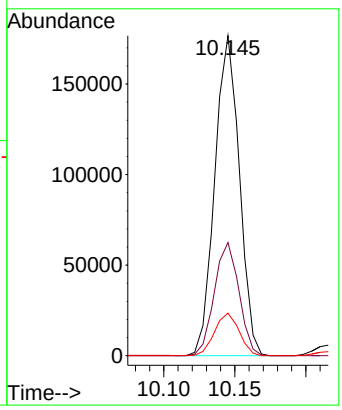




#55
Dibenzofuran
Concen: 5.706 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:168 Resp: 21219

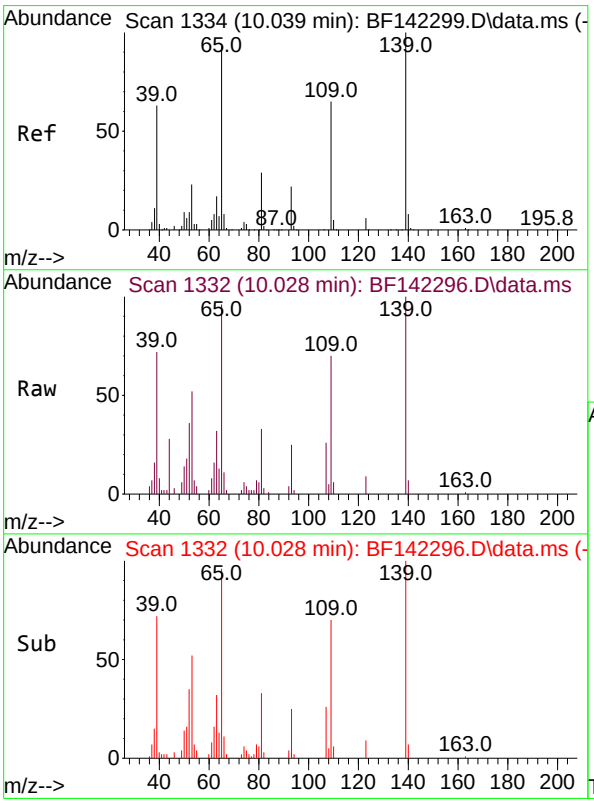
Ion	Ratio	Lower	Upper
168	100		
139	35.3	29.0	43.4
169	13.3	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

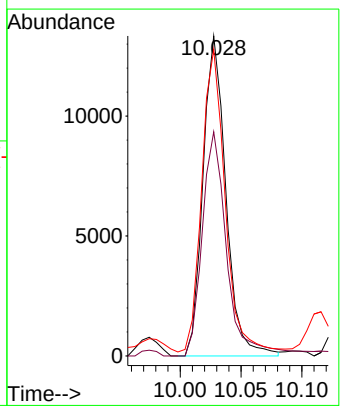
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

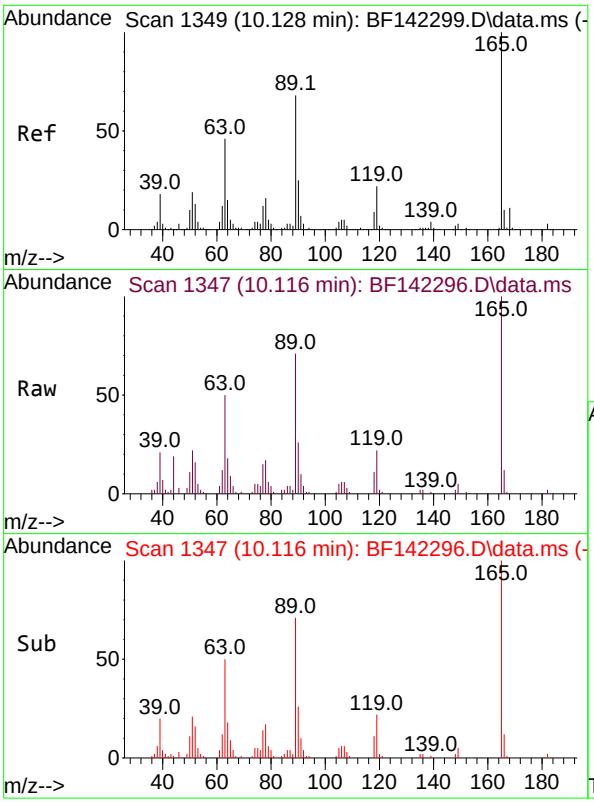


#56
4-Nitrophenol
Concen: 3.743 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:139 Resp: 17445

Ion	Ratio	Lower	Upper
139	100		
109	70.1	45.3	85.3
65	95.8	73.9	113.9

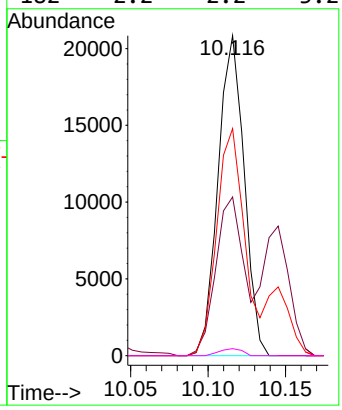




#57
2,4-Dinitrotoluene
Concen: 3.605 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:165 Resp: 2441

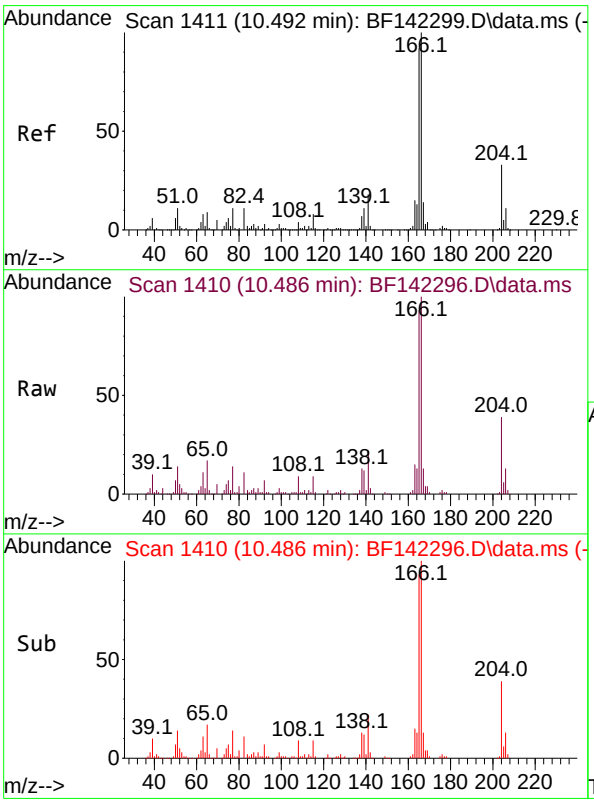
Ion	Ratio	Lower	Upper
165	100		
63	49.6	37.1	55.7
89	71.0	54.4	81.6
182	2.2	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

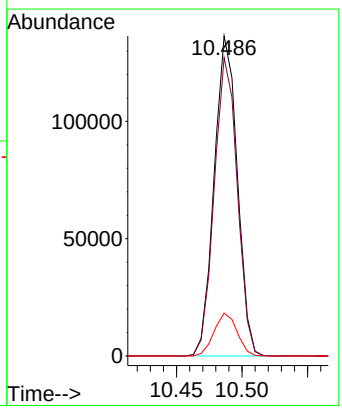
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

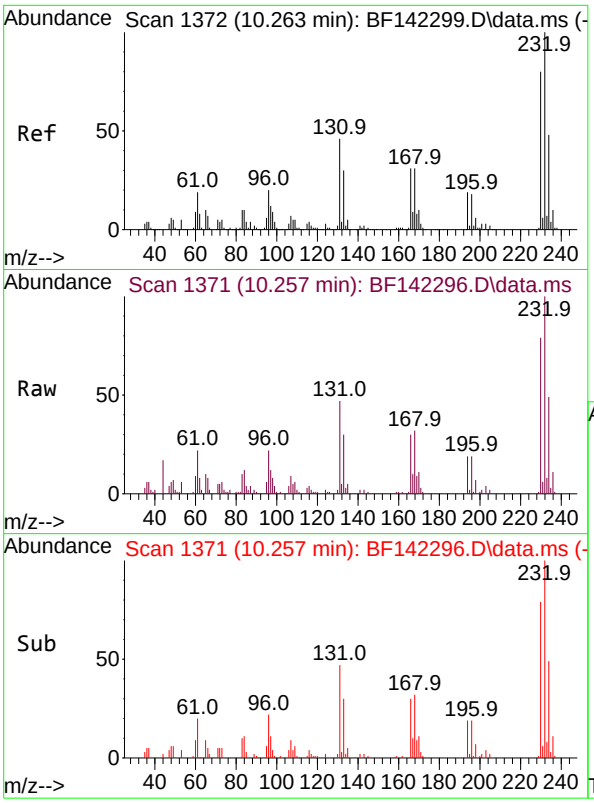


#58
Fluorene
Concen: 5.886 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:166 Resp: 167029

Ion	Ratio	Lower	Upper
166	100		
165	93.2	74.0	111.0
167	13.4	10.9	16.3

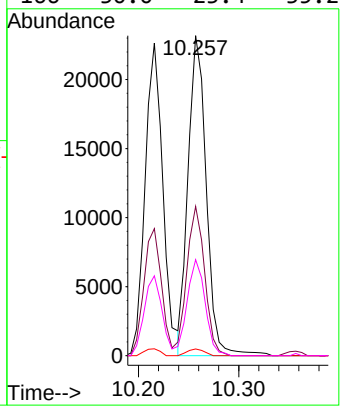




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.301 ng
RT: 10.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:232 Resp: 2923

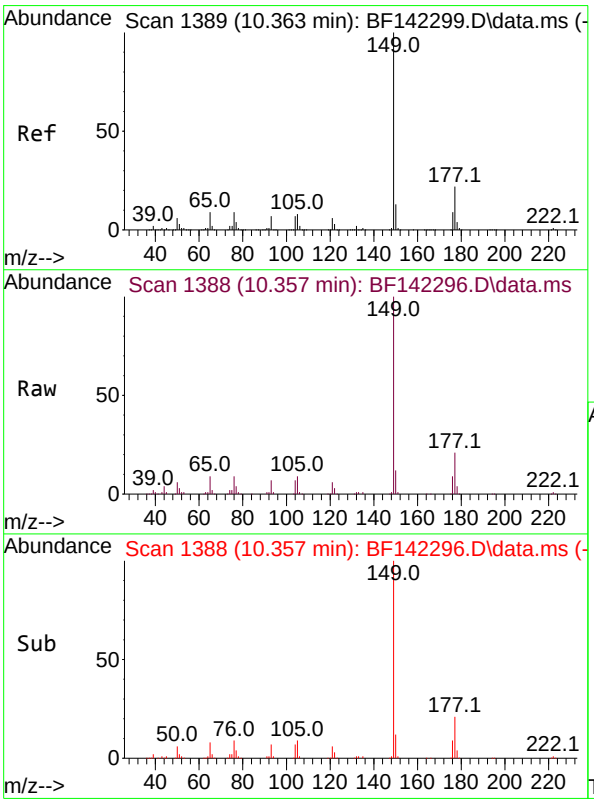
Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.0	54.0
130	1.9	1.8	2.6
166	30.0	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

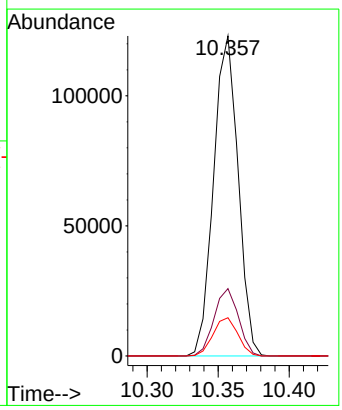
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

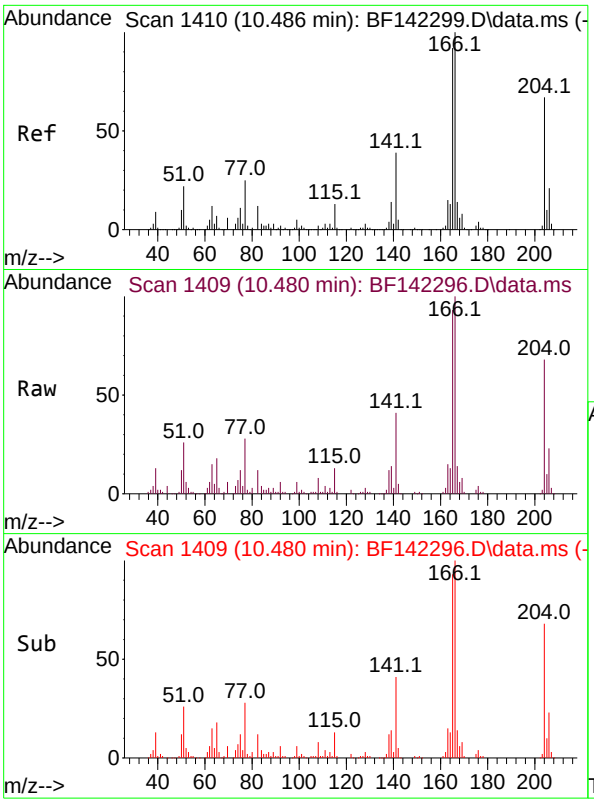


#60
Diethylphthalate
Concen: 5.241 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:149 Resp: 147649

Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.6	26.4
150	12.0	10.1	15.1

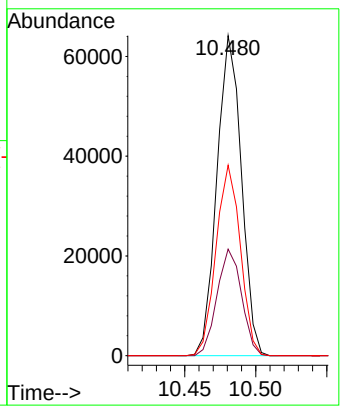




#61
4-Chlorophenyl-phenylether
Concen: 5.608 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:204 Resp: 7678

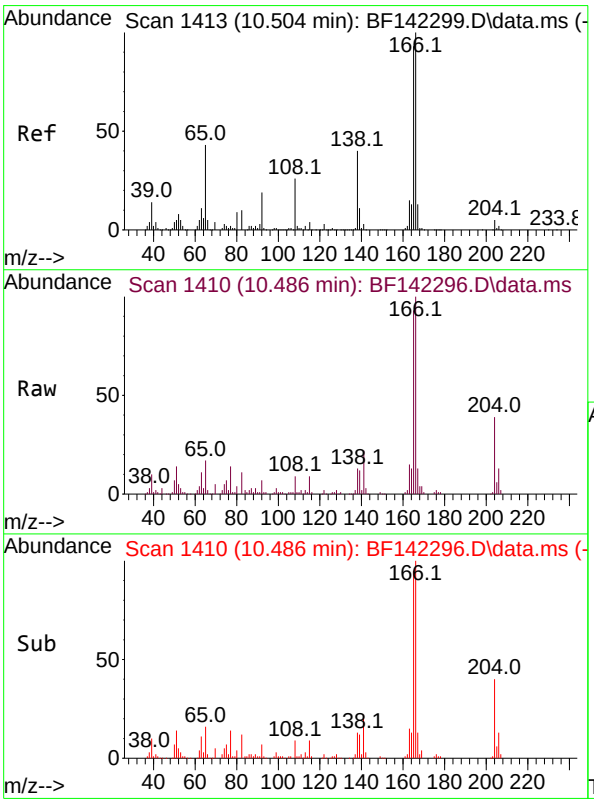
Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.5	38.3
141	59.5	46.4	69.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

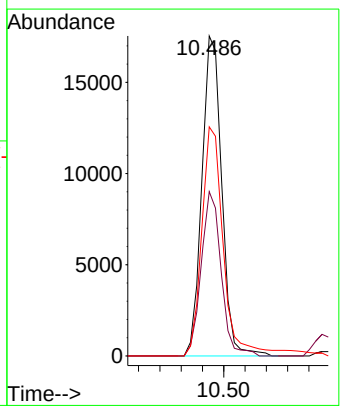
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

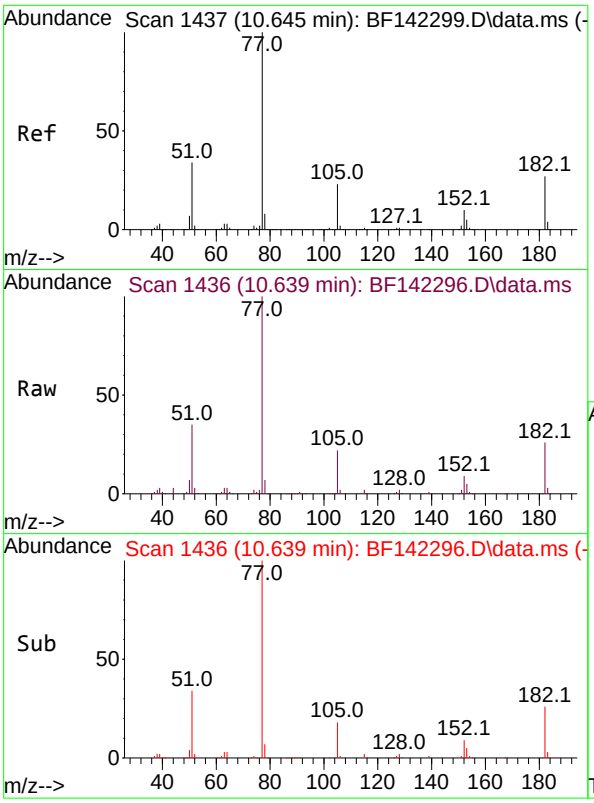


#62
4-Nitroaniline
Concen: 4.632 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:138 Resp: 22736

Ion	Ratio	Lower	Upper
138	100		
92	51.4	27.3	67.3
108	71.6	45.1	85.1

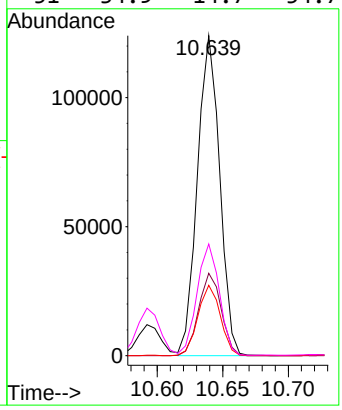




#63
Azobenzene
Concen: 5.460 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 77 Resp: 14696

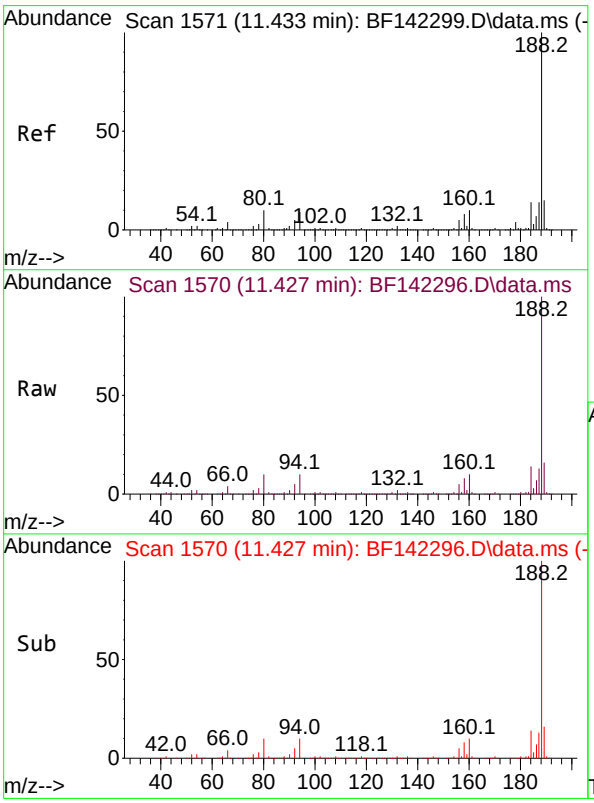
Ion	Ratio	Lower	Upper
77	100		
182	25.7	6.9	46.9
105	22.0	2.7	42.7
51	34.9	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

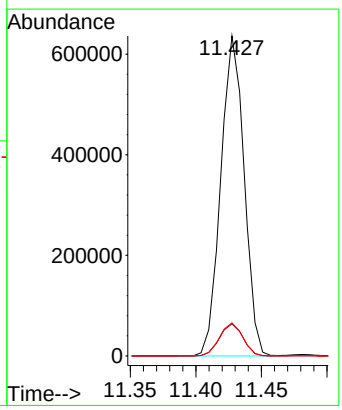
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

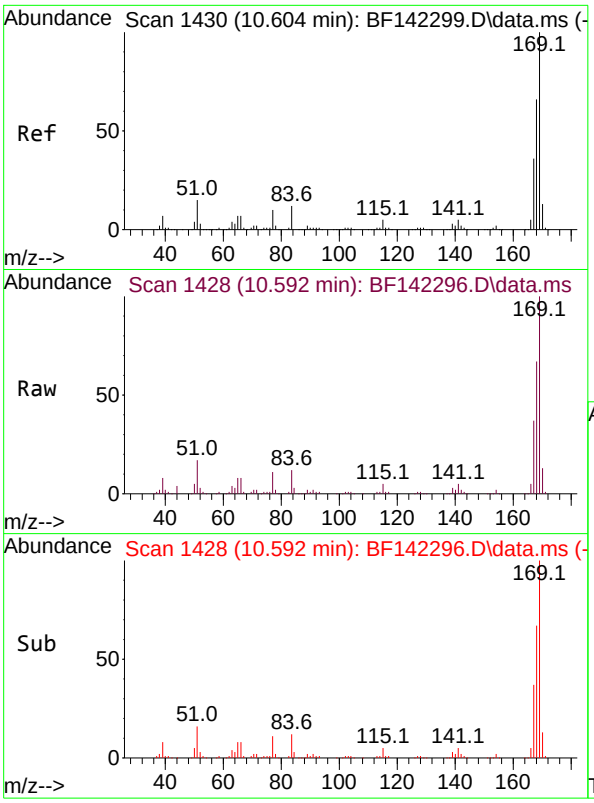


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:188 Resp: 788007

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.5	11.3
80	10.4	7.9	11.9

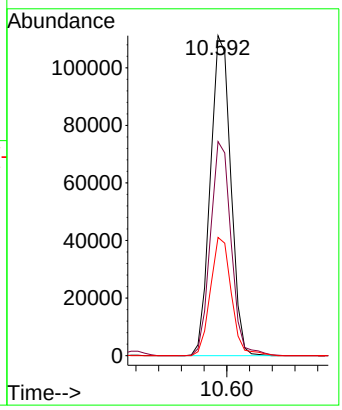




#66
n-Nitrosodiphenylamine
Concen: 5.286 ng
RT: 10.592 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:169 Resp: 13860

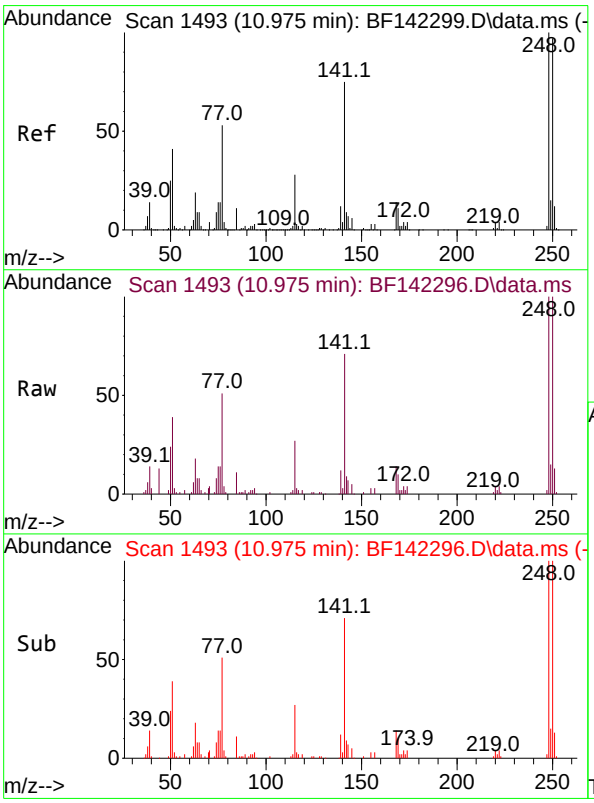
Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.2	79.8
167	36.9	28.9	43.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

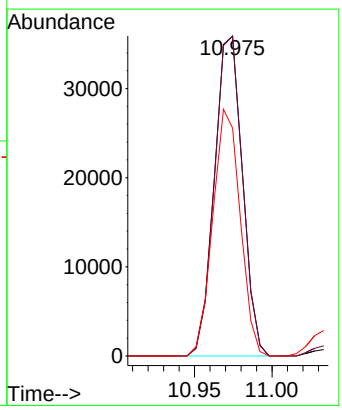
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

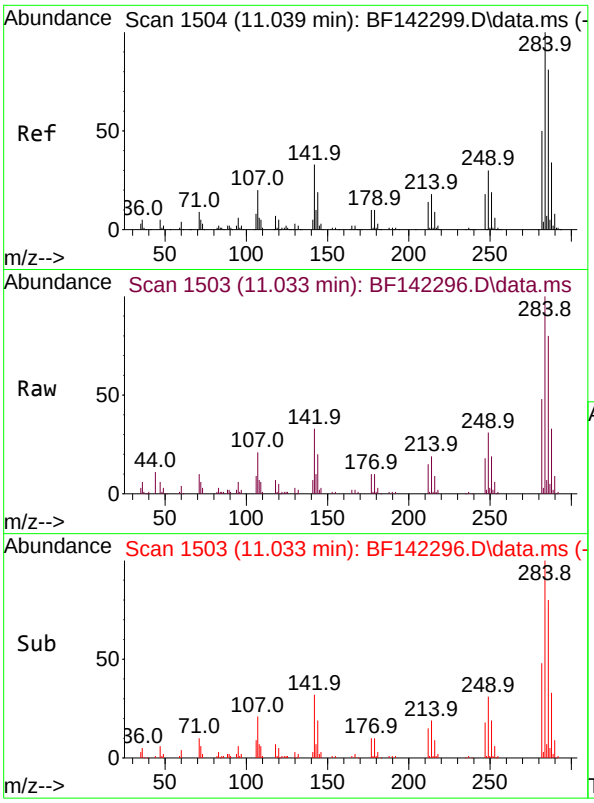


#67
4-Bromophenyl-phenylether
Concen: 5.072 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:248 Resp: 45301

Ion	Ratio	Lower	Upper
248	100		
250	99.9	77.9	116.9
141	71.2	59.8	89.8

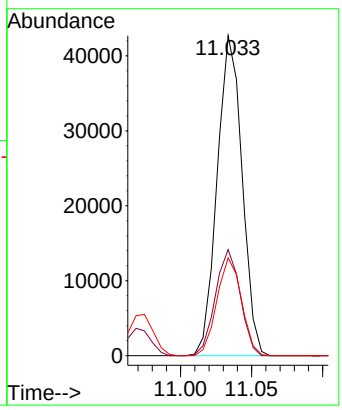




#68
Hexachlorobenzene
Concen: 5.291 ng
RT: 11.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:284 Resp: 5197

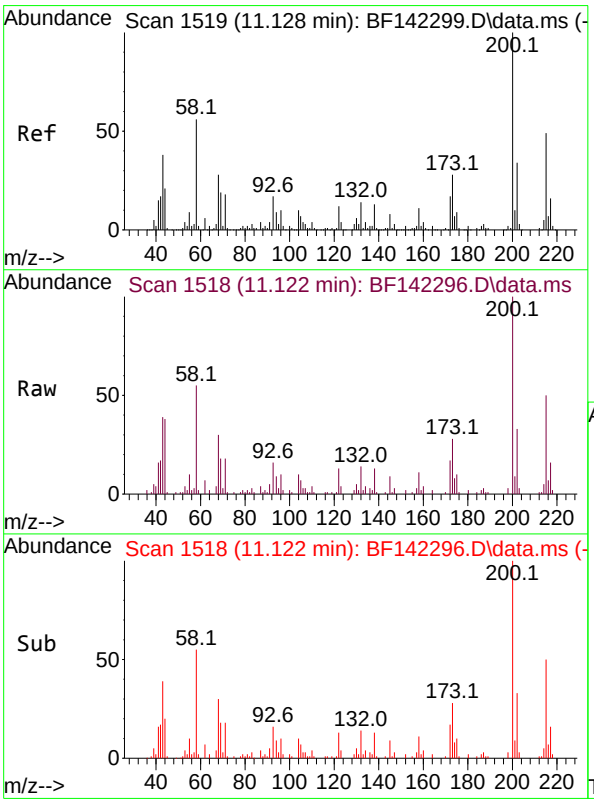
Ion	Ratio	Lower	Upper
284	100		
142	33.2	26.6	39.8
249	30.6	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

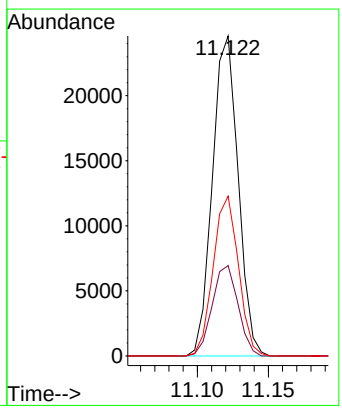
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

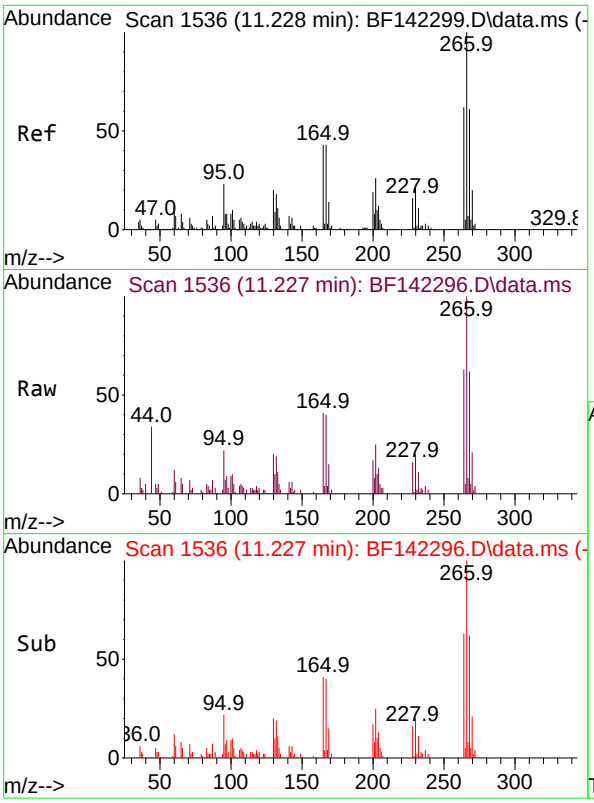


#69
Atrazine
Concen: 4.472 ng
RT: 11.122 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:200 Resp: 30914

Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.1	48.1
215	49.9	28.8	68.8





#70
Pentachlorophenol
Concen: 3.599 ng
RT: 11.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

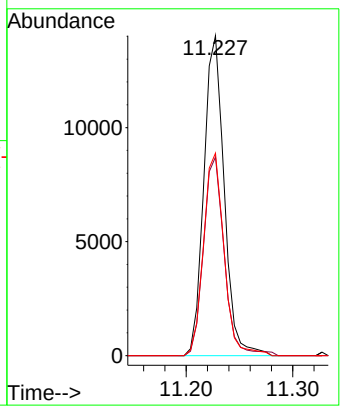
Tgt Ion:266 Resp: 1859

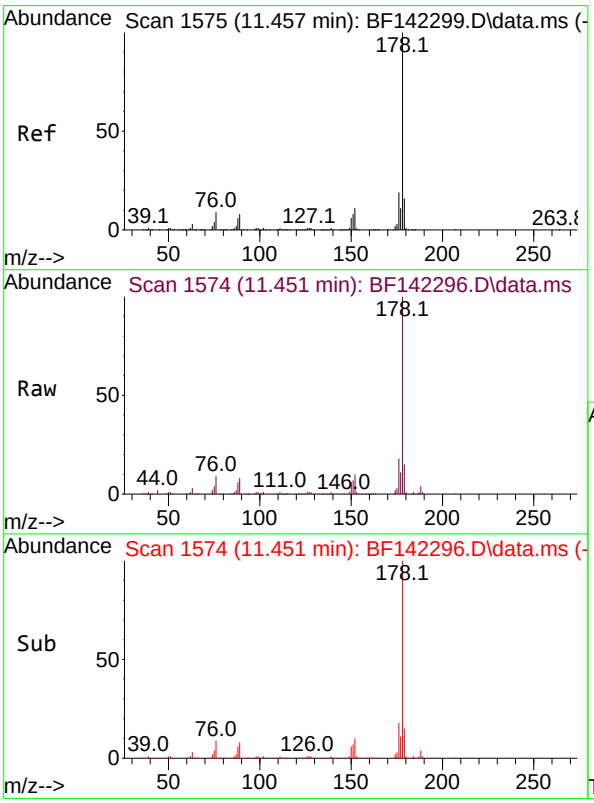
Ion	Ratio	Lower	Upper
266	100		
268	62.1	48.7	73.1
264	63.3	49.8	74.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

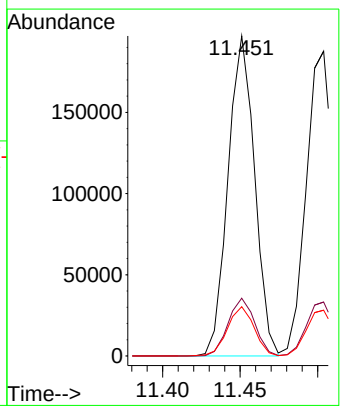


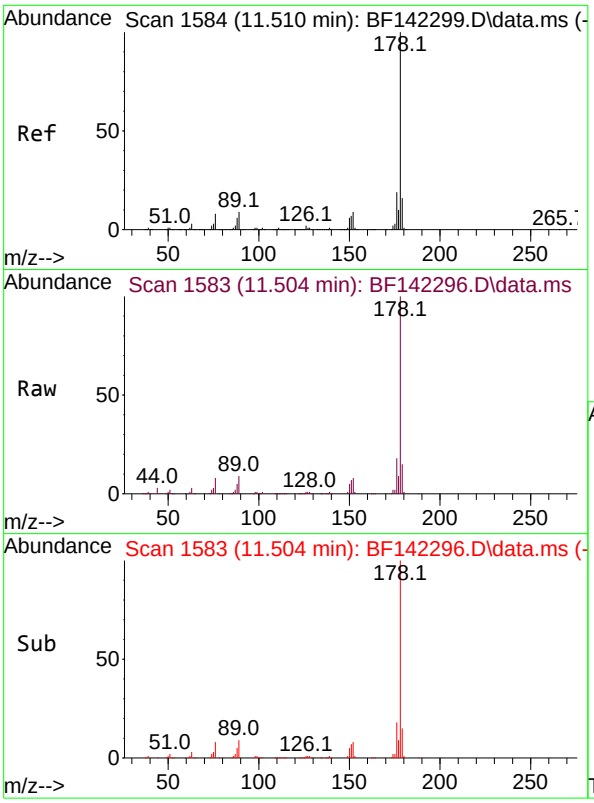


#71
Phenanthrene
Concen: 5.692 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:178 Resp: 235107

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.5	23.3
179	15.4	12.6	18.8

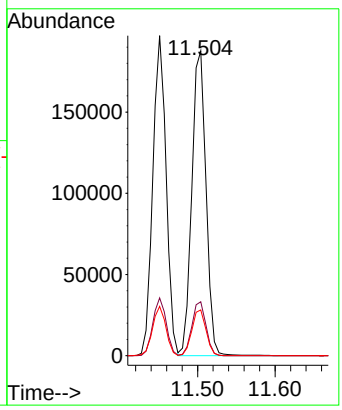




#72
Anthracene
Concen: 5.616 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:178 Resp: 23834

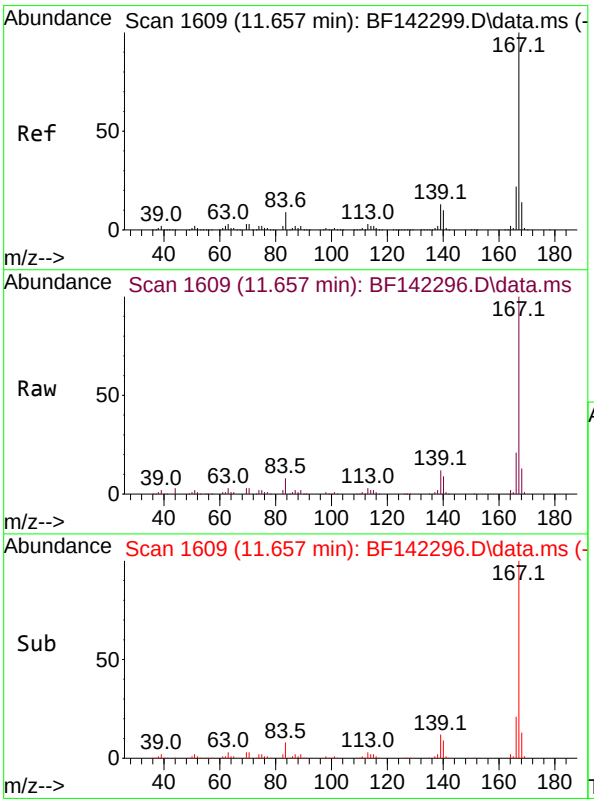
Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.3	22.9
179	15.0	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

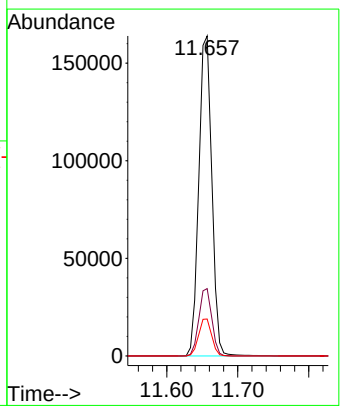
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

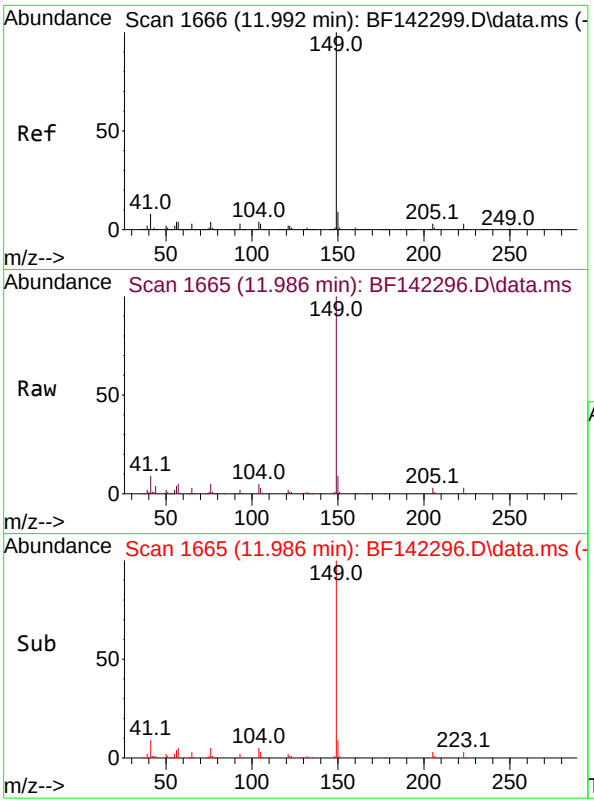


#73
Carbazole
Concen: 5.512 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:167 Resp: 209878

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	11.5	10.3	15.5

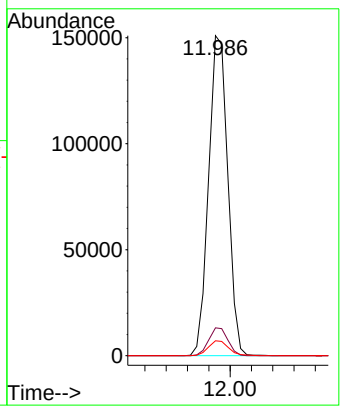




#74
Di-n-butylphthalate
Concen: 4.707 ng
RT: 11.986 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:149 Resp: 18846

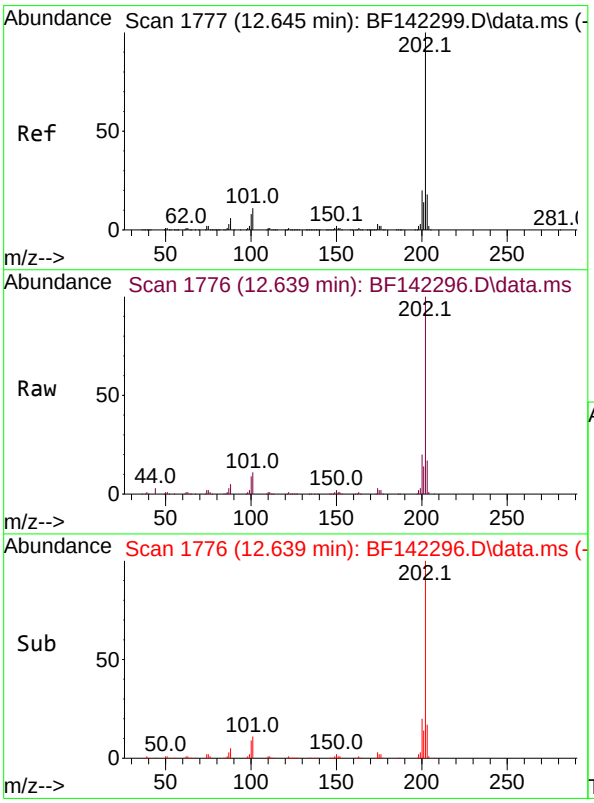
Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.5	11.3
104	4.7	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

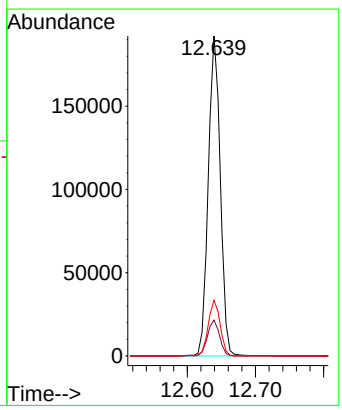
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

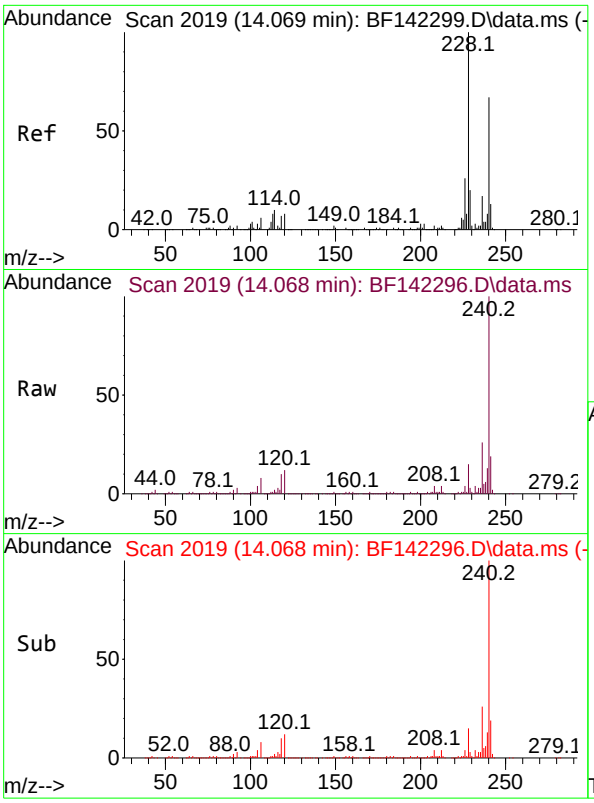


#75
Fluoranthene
Concen: 5.716 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:202 Resp: 236016

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.4
203	17.4	0.0	37.9

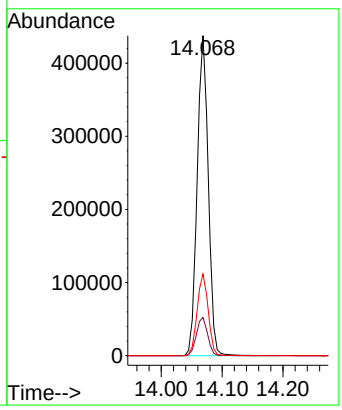




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:240 Resp: 55367

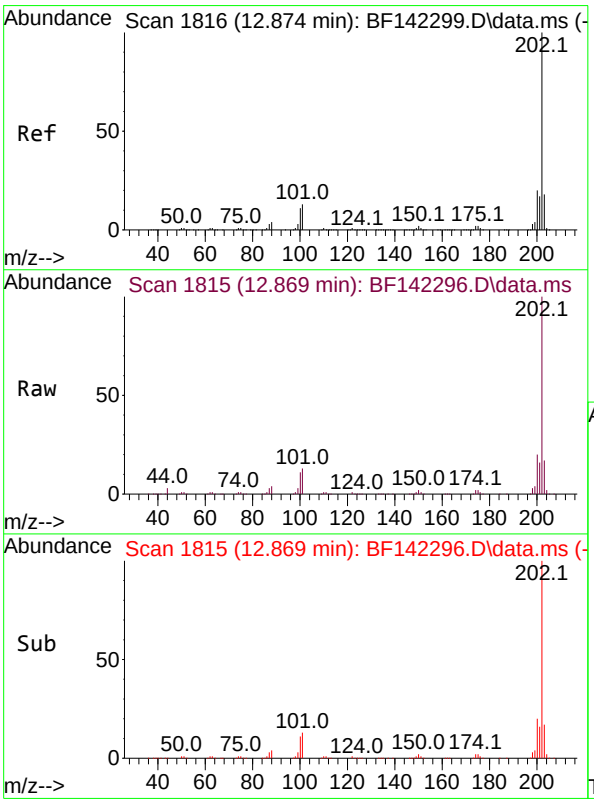
Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.7	14.5
236	25.5	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

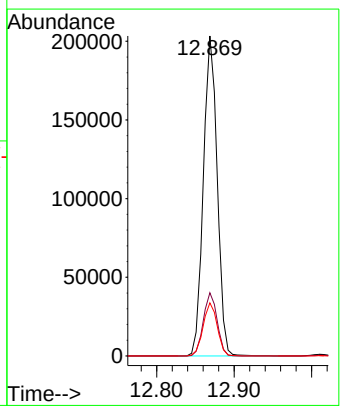
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

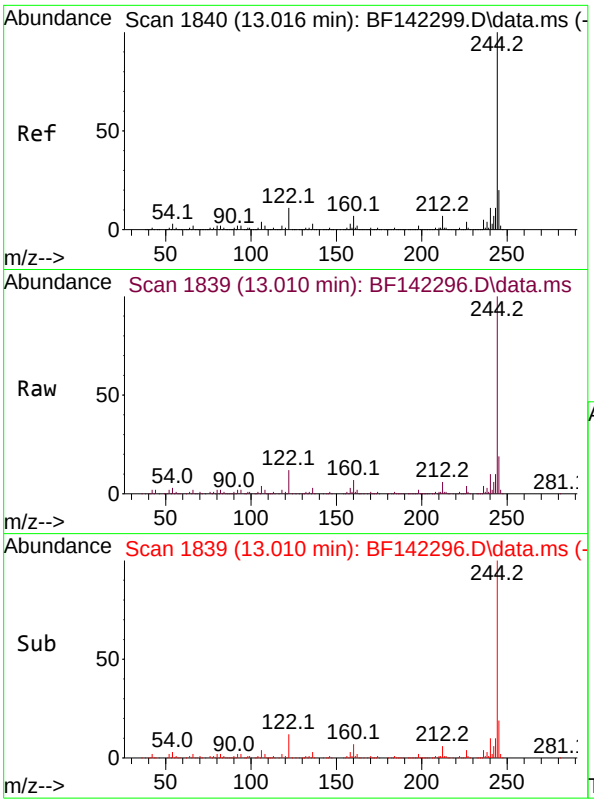


#78
Pyrene
Concen: 5.118 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:202 Resp: 252238

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.2	24.4
203	16.6	14.3	21.5

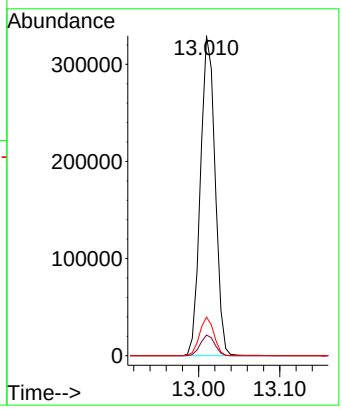




#79
Terphenyl-d14
Concen: 11.049 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:244 Resp: 41331

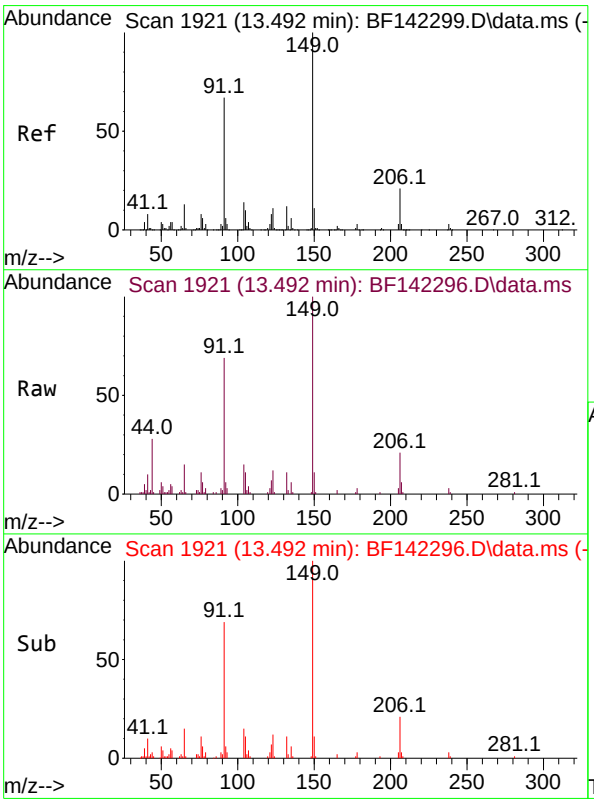
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	12.1	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

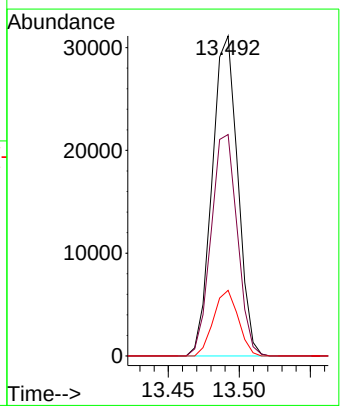
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

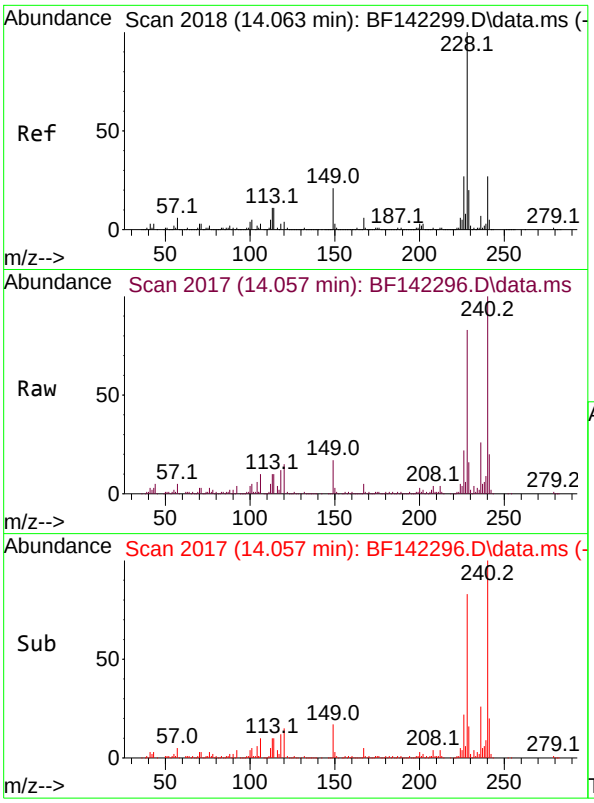


#80
Butylbenzylphthalate
Concen: 6.169 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:149 Resp: 39082

Ion	Ratio	Lower	Upper
149	100		
91	69.2	53.8	80.6
206	20.5	16.6	24.8





#81
Benzo(a)anthracene
Concen: 5.289 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

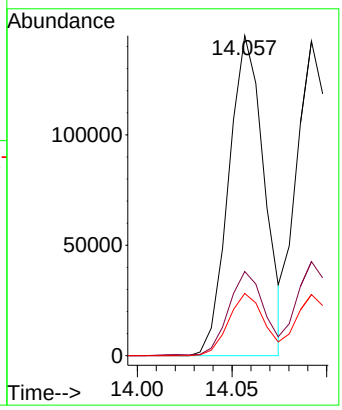
Tgt Ion:228 Resp: 18965

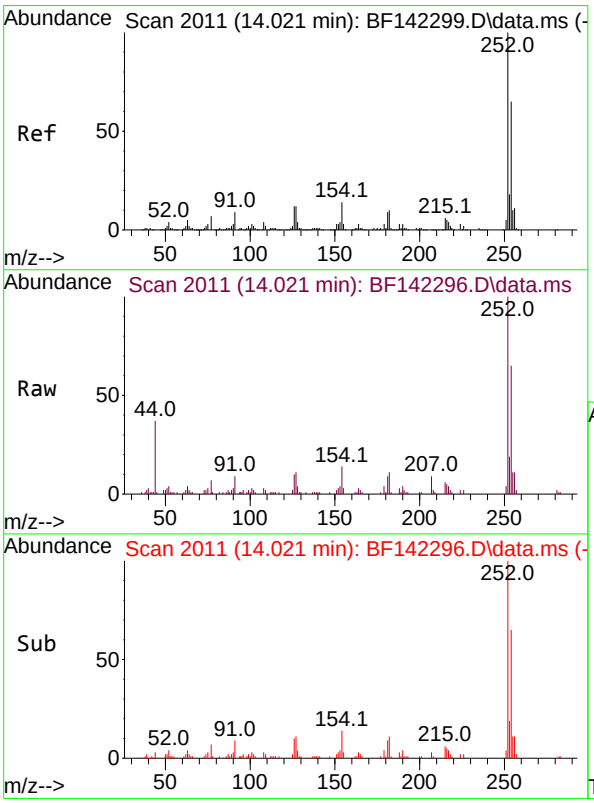
Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.5	32.3
229	19.4	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

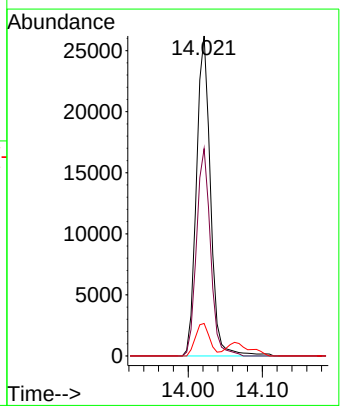


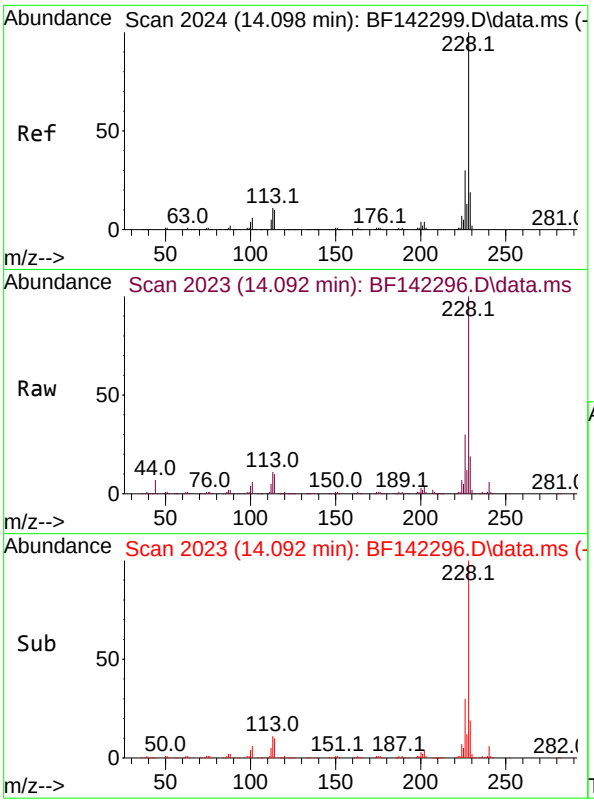


#82
3,3'-Dichlorobenzidine
Concen: 4.143 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:252 Resp: 34544

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.0	78.0
126	10.1	9.7	14.5

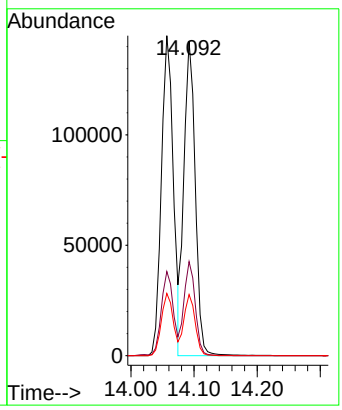




#83
Chrysene
Concen: 5.365 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:228 Resp: 17908

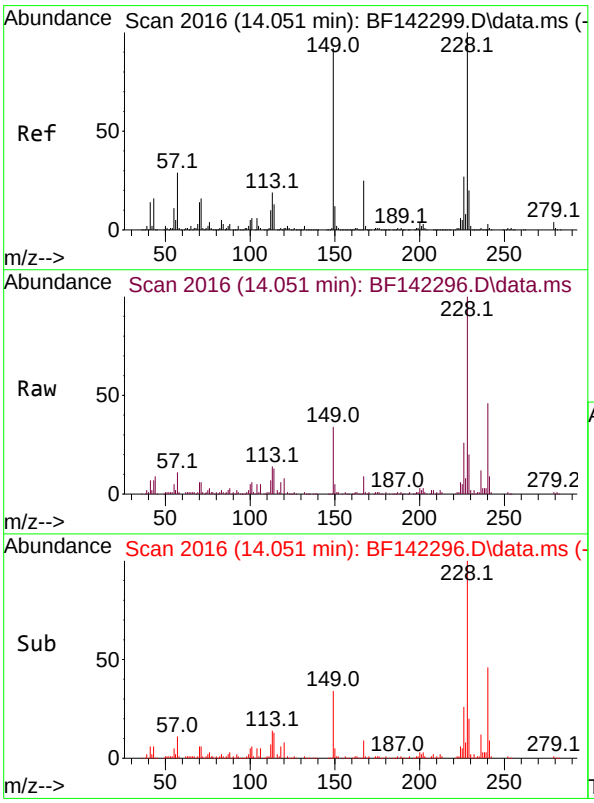
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.4	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

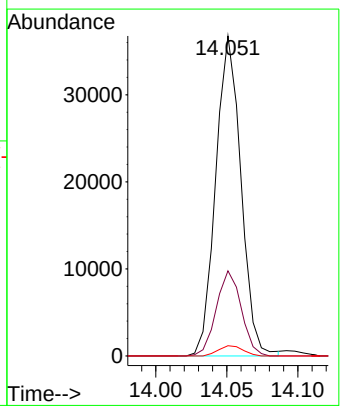
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

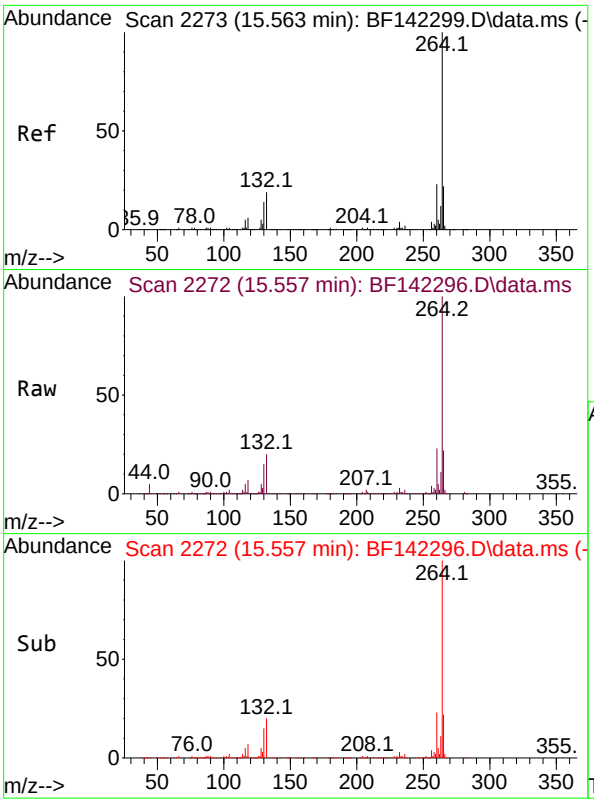


#84
Bis(2-ethylhexyl)phthalate
Concen: 6.444 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:149 Resp: 45343

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.0	33.0
279	3.2	3.0	4.6

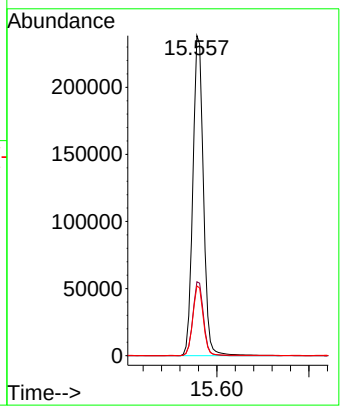




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:264 Resp: 37697

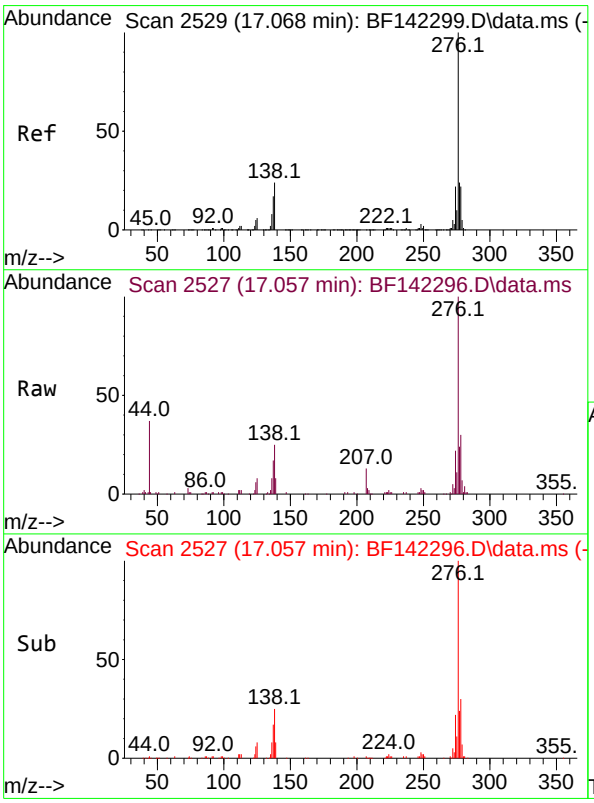
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.8	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

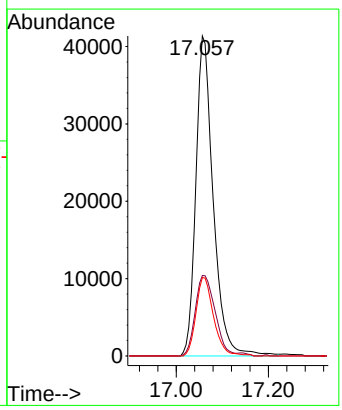
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

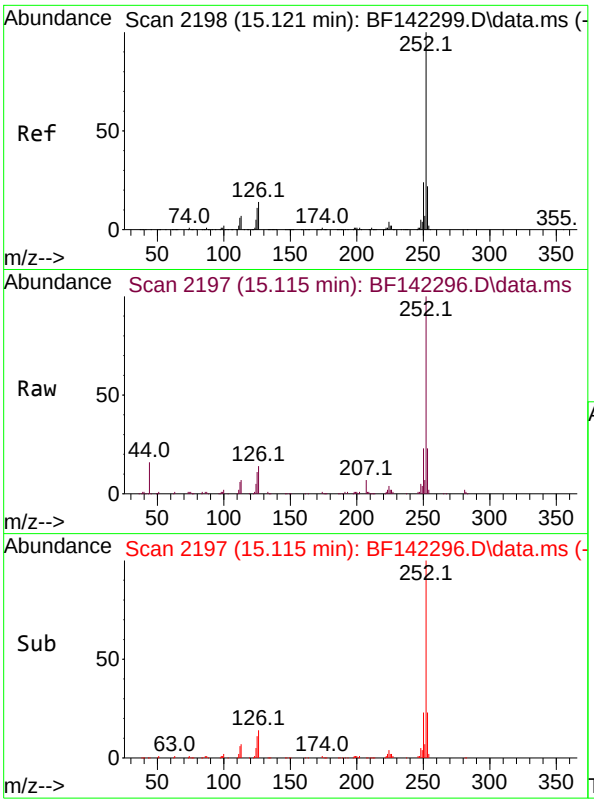


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.138 ng
RT: 17.057 min Scan# 2527
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:276 Resp: 108522

Ion	Ratio	Lower	Upper
276	100		
138	28.7	22.0	33.0
277	24.9	20.1	30.1

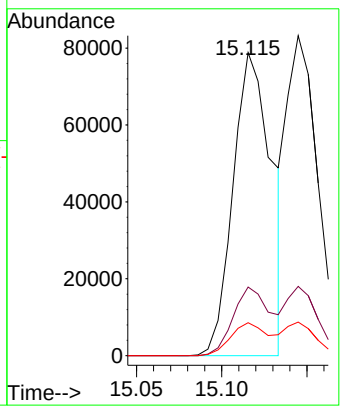




#88
Benzo(b)fluoranthene
Concen: 5.416 ng
RT: 15.115 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:252 Resp: 12366

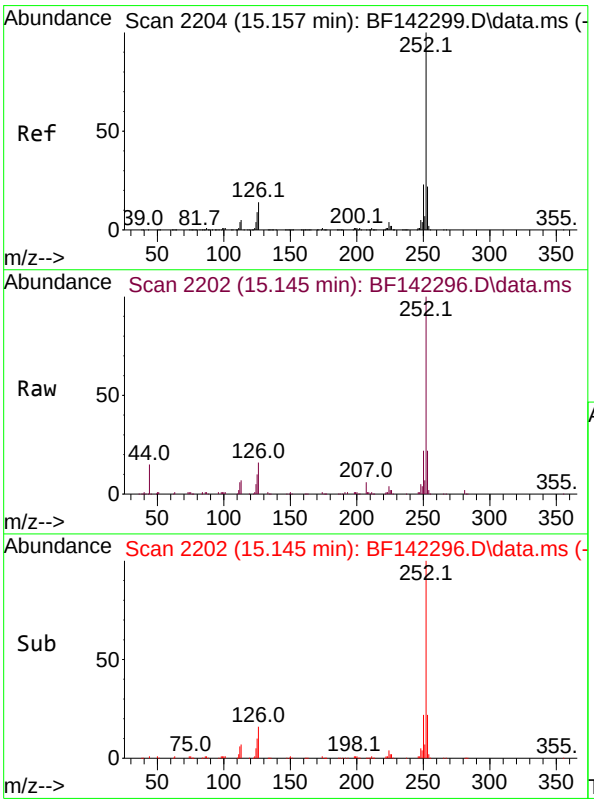
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	10.9	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

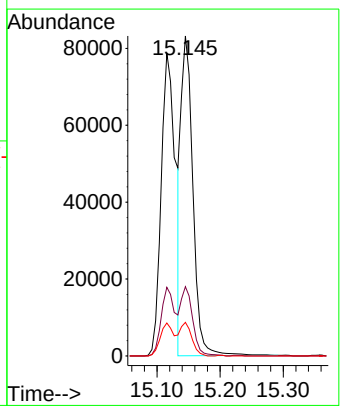
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

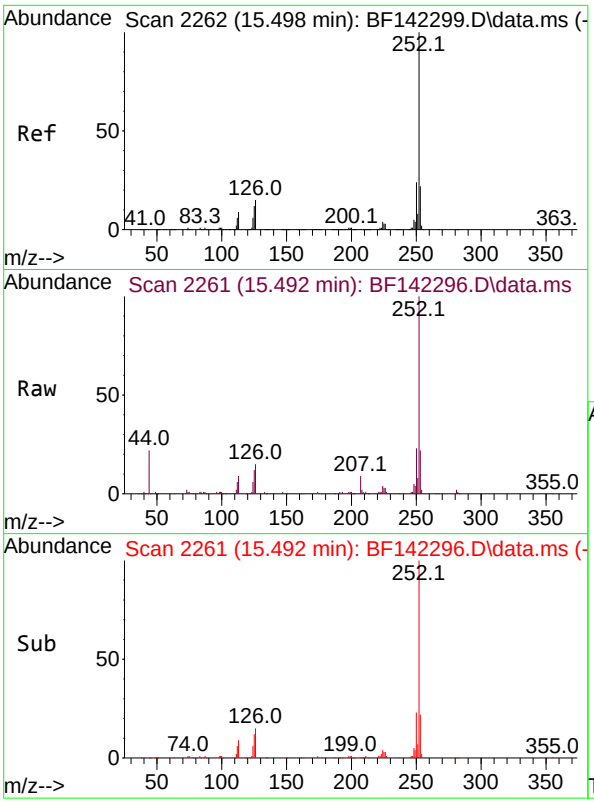


#89
Benzo(k)fluoranthene
Concen: 5.224 ng
RT: 15.145 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:252 Resp: 109149

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	10.5	8.1	12.1

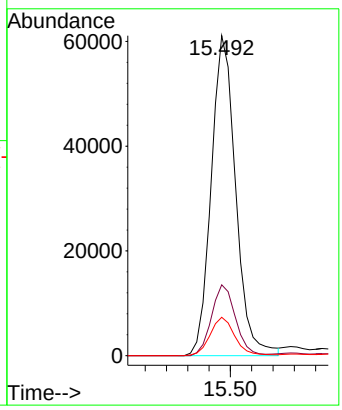




#90
Benzo(a)pyrene
Concen: 4.761 ng
RT: 15.492 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:252 Resp: 9741

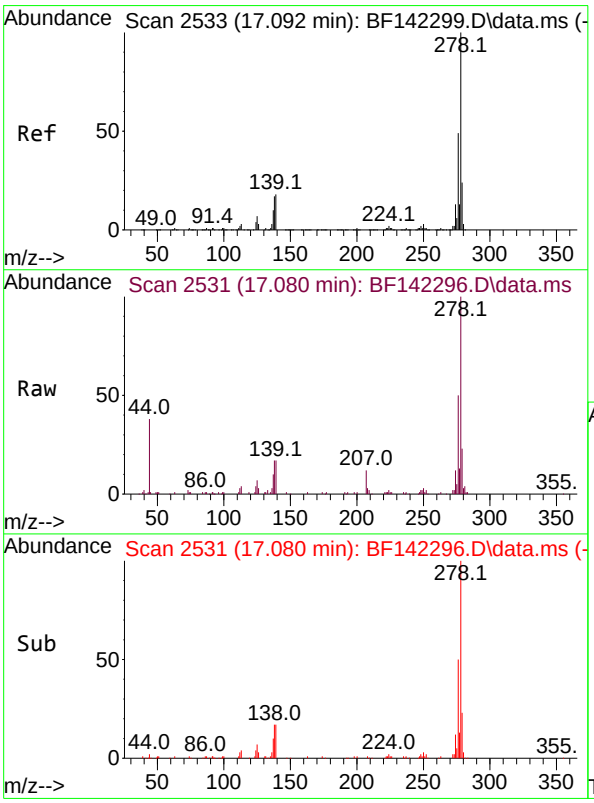
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	12.0	9.4	14.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

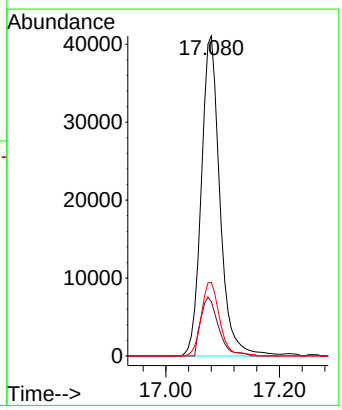
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

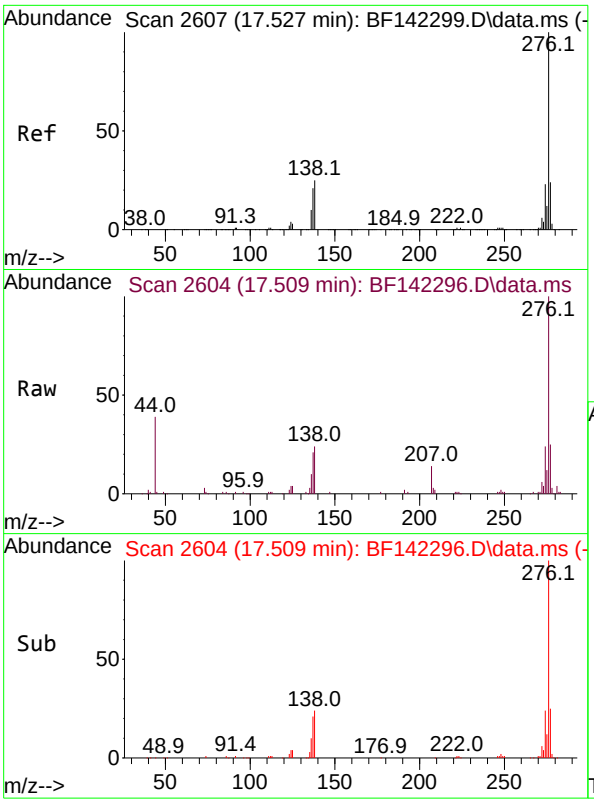


#91
Dibenzo(a,h)anthracene
Concen: 4.295 ng
RT: 17.080 min Scan# 2531
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:278 Resp: 93055

Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.5	21.7
279	23.0	18.9	28.3

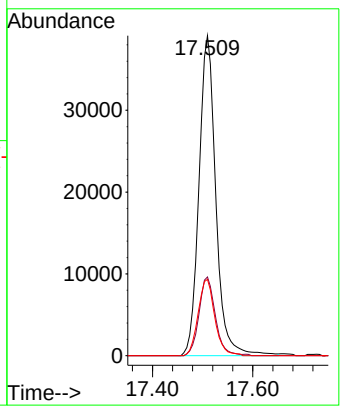




#92
Benzo(g,h,i)perylene
Concen: 4.255 ng
RT: 17.509 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:276 Resp: 9149

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.6
138	23.8	19.8	29.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142297.D
Acq On : 05 May 2025 14:52
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 17:57:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	212907	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	834027	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	451658	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	799418	20.000	ng		0.00
76) Chrysene-d12	14.069	240	531922	20.000	ng		0.00
86) Perylene-d12	15.563	264	390300	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	250509	20.086	ng		0.00
7) Phenol-d6	6.516	99	310470	20.240	ng		0.00
23) Nitrobenzene-d5	7.463	82	253451	18.533	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	79570	18.247	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	725000	22.888	ng		0.00
79) Terphenyl-d14	13.010	244	757212	21.070	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	56091	9.987	ng		98
3) Pyridine	3.457	79	131287	9.941	ng		99
4) n-Nitrosodimethylamine	3.387	42	75254	9.819	ng	#	98
6) Aniline	6.563	93	145801	9.690	ng		99
8) 2-Chlorophenol	6.681	128	130151	9.765	ng		98
9) Benzaldehyde	6.451	77	102088	11.371	ng		100
10) Phenol	6.528	94	162652	10.003	ng		99
11) bis(2-Chloroethyl)ether	6.634	93	164226m	10.242	ng		
12) 1,3-Dichlorobenzene	6.845	146	160179	10.505	ng		99
13) 1,4-Dichlorobenzene	6.922	146	159624	10.427	ng		99
14) 1,2-Dichlorobenzene	7.075	146	152479	10.376	ng		99
15) Benzyl Alcohol	7.034	79	89790	9.040	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	245918	10.270	ng		99
17) 2-Methylphenol	7.145	107	107331	9.947	ng		98
18) Hexachloroethane	7.422	117	49420	9.702	ng		99
19) n-Nitroso-di-n-propyla...	7.304	70	97394	10.264	ng		95
20) 3+4-Methylphenols	7.293	107	136376	10.127	ng	#	88
22) Acetophenone	7.304	105	197710	10.662	ng		96
24) Nitrobenzene	7.481	77	122267	9.485	ng		99
25) Isophorone	7.716	82	259962	10.039	ng		98
26) 2-Nitrophenol	7.798	139	40609	10.066	ng		99
27) 2,4-Dimethylphenol	7.828	122	131079	10.068	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	172734	10.373	ng		99
29) 2,4-Dichlorophenol	8.034	162	104807	9.468	ng		98
30) 1,2,4-Trichlorobenzene	8.128	180	129041	10.358	ng		98
31) Naphthalene	8.210	128	429996	10.638	ng		99
32) Benzoic acid	7.881	122	35000m	11.080	ng		
33) 4-Chloroaniline	8.257	127	155389m	9.438	ng		
34) Hexachlorobutadiene	8.328	225	75921	10.292	ng		99
35) Caprolactam	8.587	113	28438	8.834	ng		97
36) 4-Chloro-3-methylphenol	8.722	107	112762	9.800	ng		99
37) 2-Methylnaphthalene	8.898	142	265328	10.564	ng		100
38) 1-Methylnaphthalene	8.998	142	281289	10.745	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	132346	10.492	ng		99
41) Hexachlorocyclopentadiene	9.051	237	68324	8.764	ng		100
43) 2,4,6-Trichlorophenol	9.169	196	72234	9.078	ng		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142297.D
Acq On : 05 May 2025 14:52
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: May 05 17:57:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	79827	9.429	ng		97
46) 1,1'-Biphenyl	9.363	154	370629	10.702	ng		98
47) 2-Chloronaphthalene	9.386	162	270501	10.503	ng		98
48) 2-Nitroaniline	9.475	65	54180	8.208	ng		97
49) Acenaphthylene	9.804	152	457356	10.616	ng		99
50) Dimethylphthalate	9.657	163	292351	10.080	ng		99
51) 2,6-Dinitrotoluene	9.716	165	46421	8.551	ng		99
52) Acenaphthene	9.975	154	268993	10.384	ng		99
53) 3-Nitroaniline	9.886	138	53755	8.443	ng	#	99
54) 2,4-Dinitrophenol	9.986	184	14043	12.133	ng	#	1
55) Dibenzofuran	10.145	168	404214	10.573	ng		99
56) 4-Nitrophenol	10.028	139	40283	8.407	ng		98
57) 2,4-Dinitrotoluene	10.116	165	56545	8.120	ng		94
58) Fluorene	10.486	166	317792	10.892	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	65106	9.316	ng		99
60) Diethylphthalate	10.357	149	299154	10.329	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	150371	10.683	ng		97
62) 4-Nitroaniline	10.492	138	51843	10.274	ng		96
63) Azobenzene	10.639	77	287064	10.372	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	20774	11.925	ng		94
66) n-Nitrosodiphenylamine	10.598	169	273145	10.268	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	90669	10.008	ng		96
68) Hexachlorobenzene	11.033	284	98422	9.876	ng		98
69) Atrazine	11.122	200	65913	9.400	ng		99
70) Pentachlorophenol	11.228	266	43524	8.302	ng		99
71) Phenanthrene	11.451	178	440505	10.512	ng		99
72) Anthracene	11.504	178	454013	10.545	ng		99
73) Carbazole	11.657	167	406007	10.511	ng		99
74) Di-n-butylphthalate	11.992	149	408614	10.060	ng		99
75) Fluoranthene	12.639	202	461212	11.011	ng		99
77) Benzidine	12.763	184	72321	7.482	ng		99
78) Pyrene	12.869	202	464898	9.819	ng		100
80) Butylbenzylphthalate	13.492	149	87770	9.527	ng		99
81) Benzo(a)anthracene	14.057	228	345605	10.033	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	74238	9.267	ng		99
83) Chrysene	14.092	228	326300	10.175	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	111032	9.863	ng		98
85) Di-n-octyl phthalate	14.669	149	155899	11.860	ng		99
87) Indeno(1,2,3-cd)pyrene	17.057	276	250070	9.211	ng		100
88) Benzo(b)fluoranthene	15.116	252	237339	10.040	ng		100
89) Benzo(k)fluoranthene	15.145	252	222898	10.304	ng		99
90) Benzo(a)pyrene	15.492	252	203272	9.596	ng		98
91) Dibenzo(a,h)anthracene	17.080	278	207967	9.272	ng		99
92) Benzo(g,h,i)perylene	17.509	276	206052	9.256	ng		99

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

ICAL Form

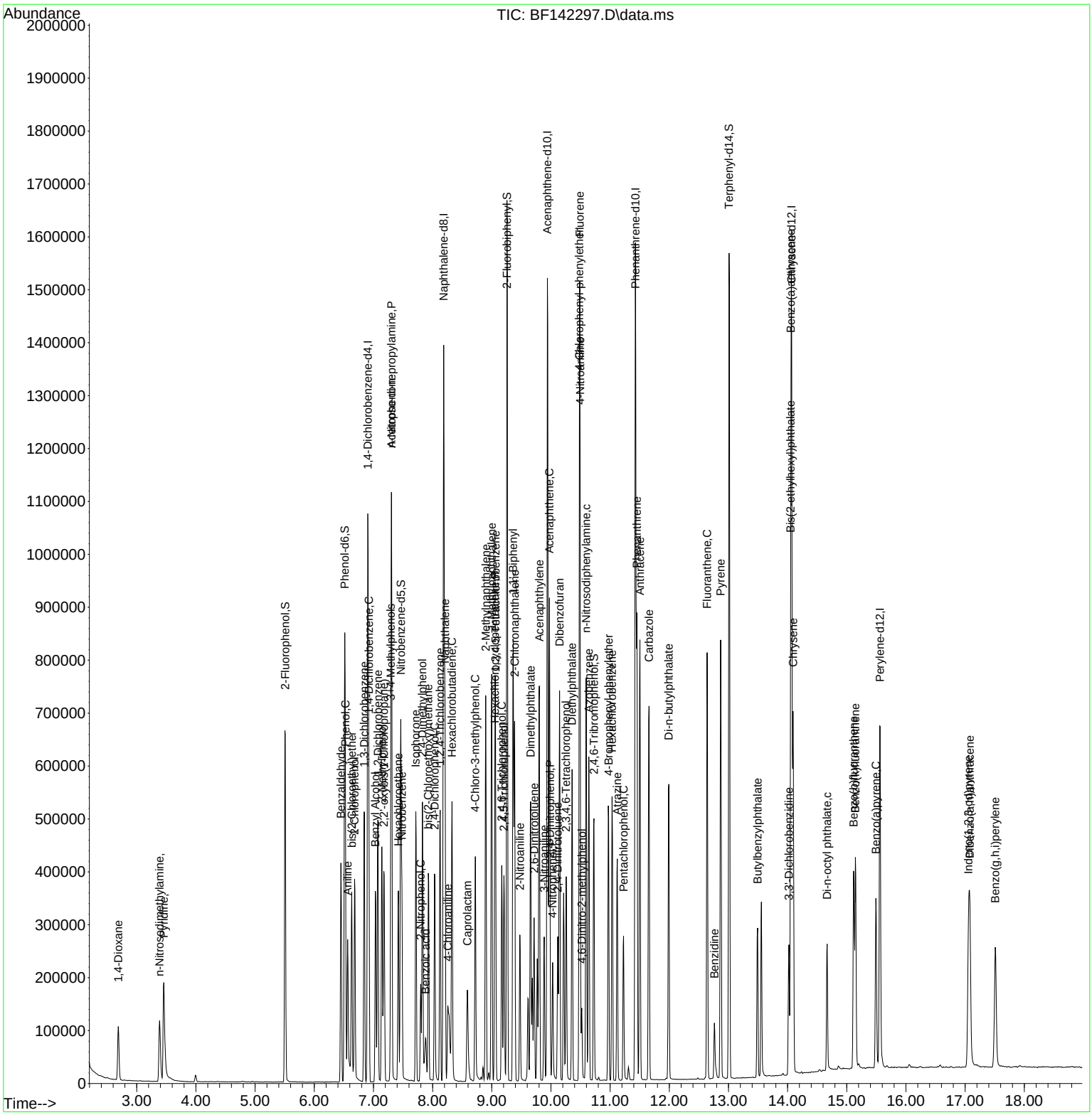
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Data File : BF142297.D
Acq On : 05 May 2025 14:52
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

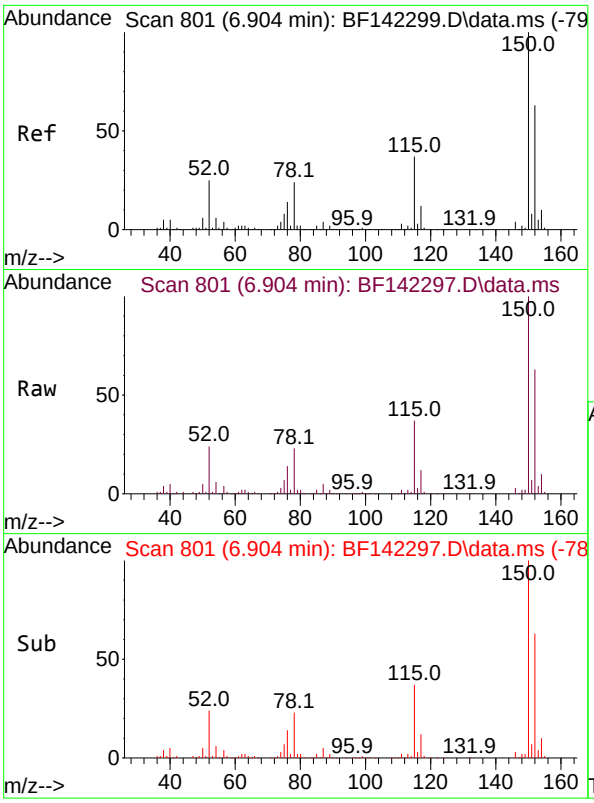
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

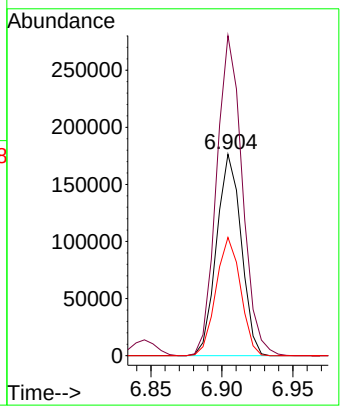




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:152 Resp: 21290

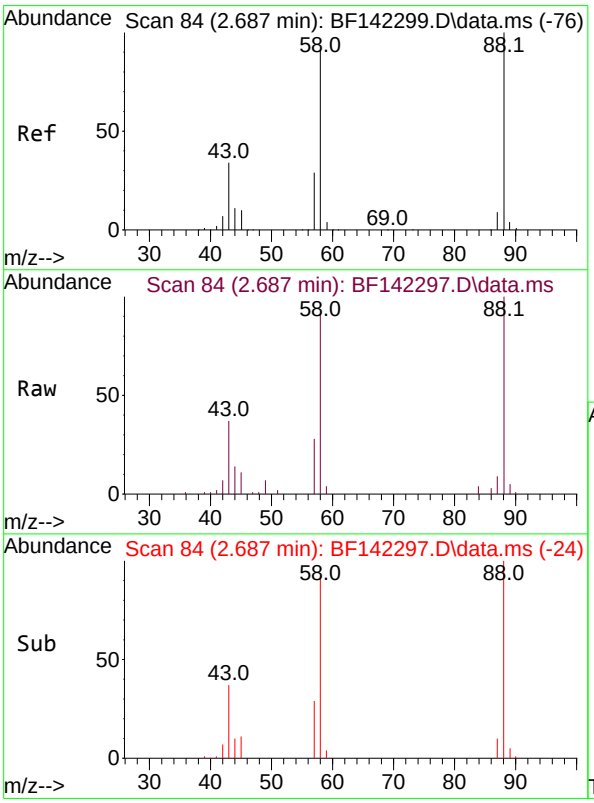
Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.6	190.0
115	58.7	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

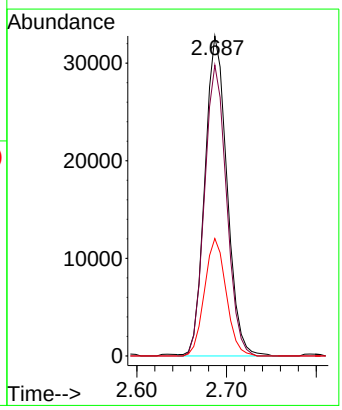
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

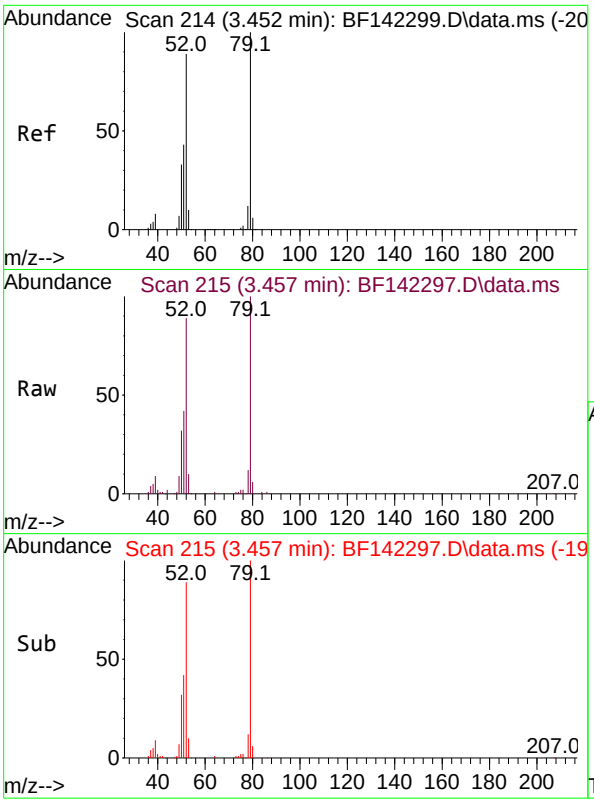


#2
1,4-Dioxane
Concen: 9.987 ng
RT: 2.687 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 88 Resp: 56091

Ion	Ratio	Lower	Upper
88	100		
58	90.0	73.0	109.4
43	35.9	27.8	41.6





#3
Pyridine
Concen: 9.941 ng
RT: 3.457 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

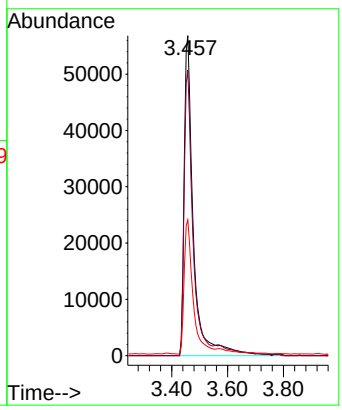
Tgt Ion: 79 Resp: 13128

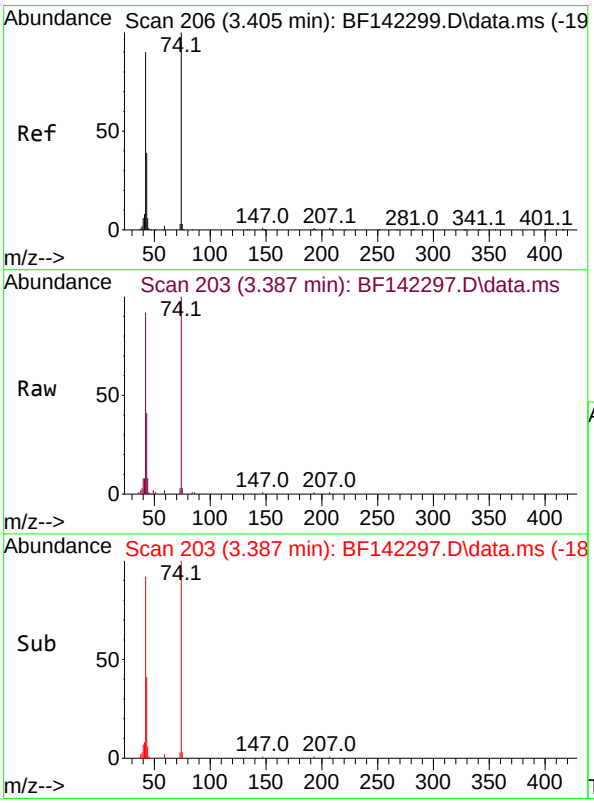
Ion	Ratio	Lower	Upper
79	100		
52	89.3	71.0	106.4
51	42.5	34.9	52.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

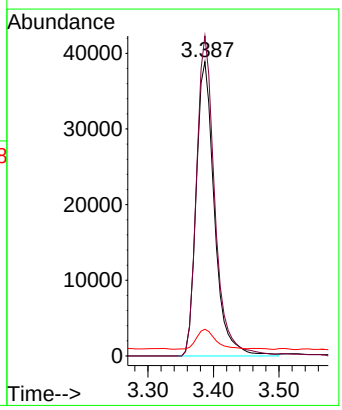


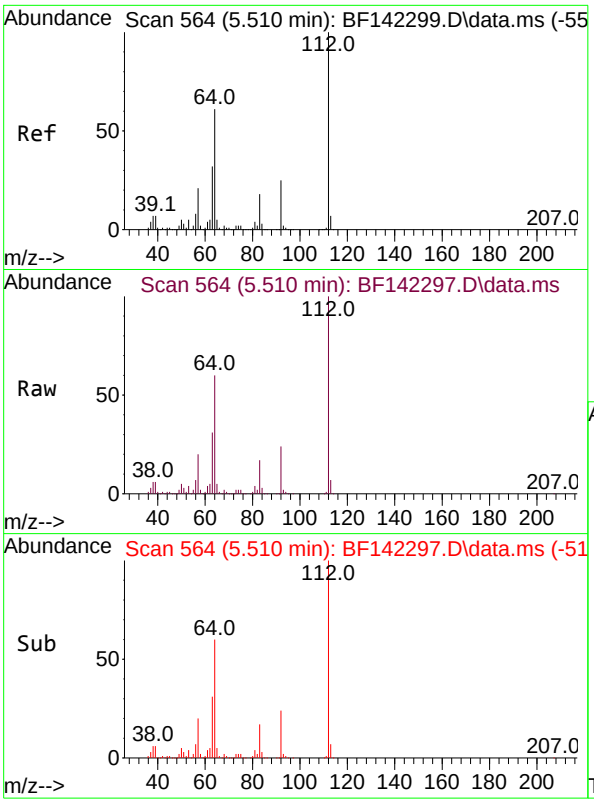


#4
n-Nitrosodimethylamine
Concen: 9.819 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 42 Resp: 75254

Ion	Ratio	Lower	Upper
42	100		
74	108.7	88.5	132.7
44	9.1	5.8	8.8#





#5
2-Fluorophenol
Concen: 20.086 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

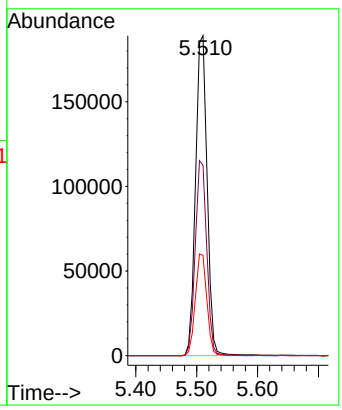
Tgt Ion:112 Resp: 25050

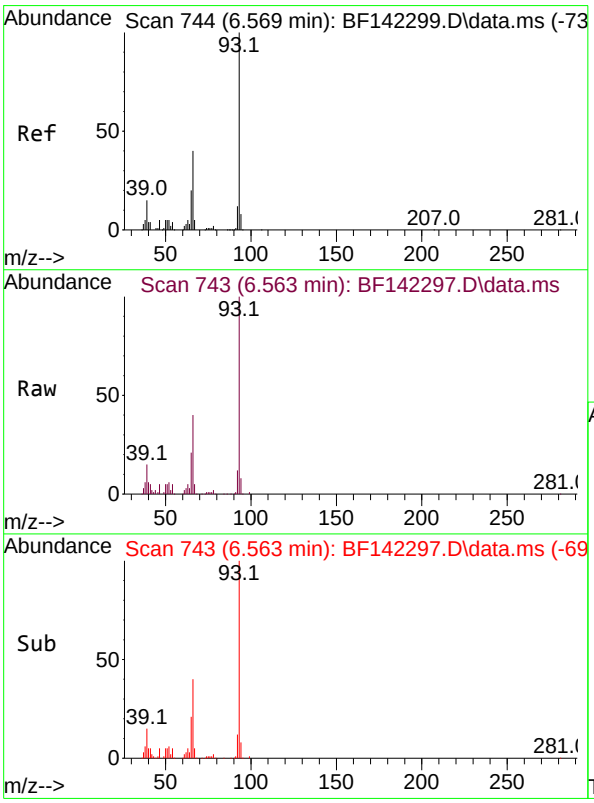
Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.9	73.3
63	31.4	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

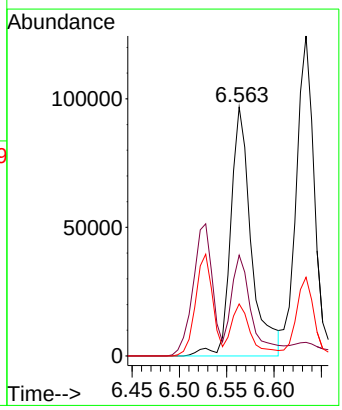


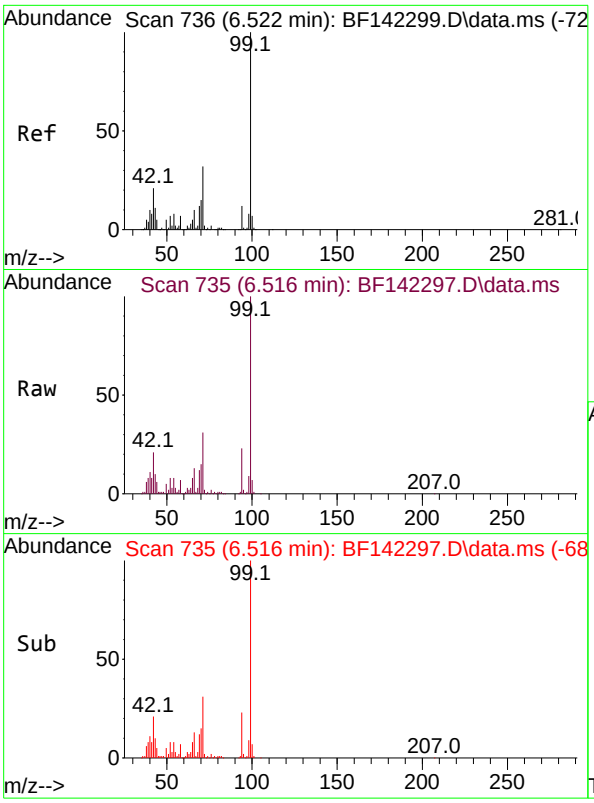


#6
Aniline
Concen: 9.690 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 93 Resp: 145801

Ion	Ratio	Lower	Upper
93	100		
66	40.5	32.2	48.4
65	20.9	16.3	24.5





#7
Phenol-d6
Concen: 20.240 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

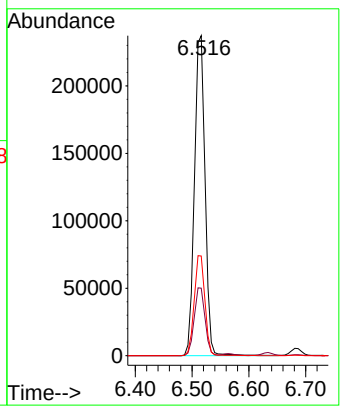
Tgt Ion: 99 Resp: 31047

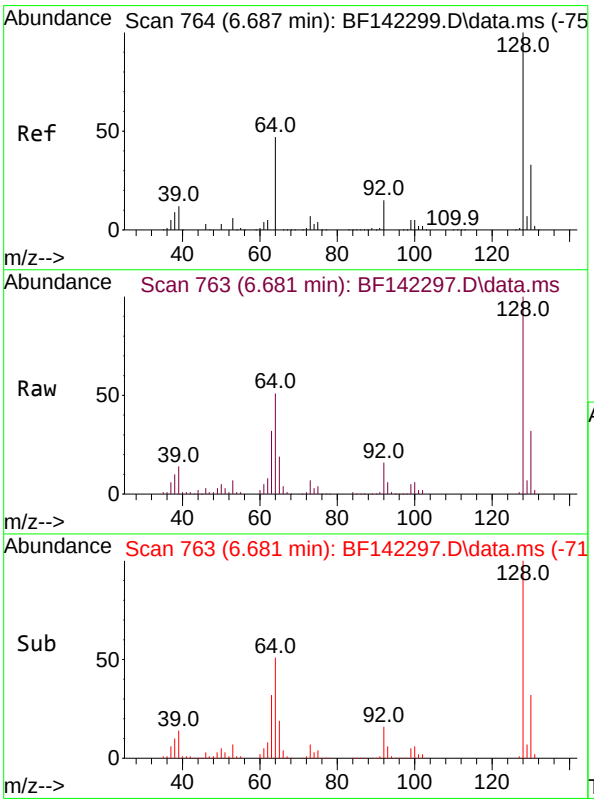
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.4
71	31.2	25.8	38.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

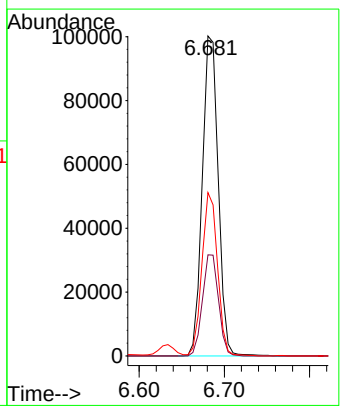


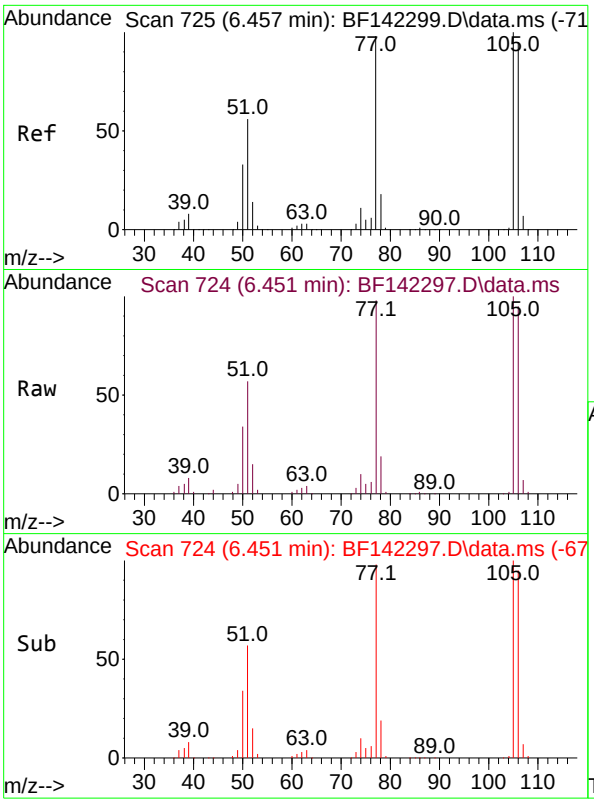


#8
2-Chlorophenol
Concen: 9.765 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:128 Resp: 130151

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.7	52.7
64	51.0	29.2	69.2

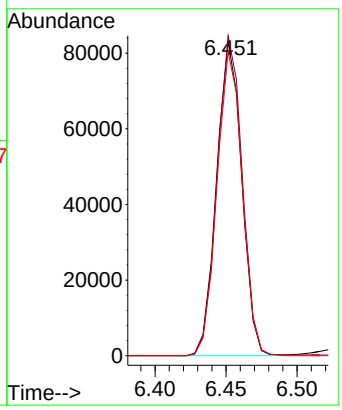




#9
Benzaldehyde
Concen: 11.371 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 77 Resp: 10208

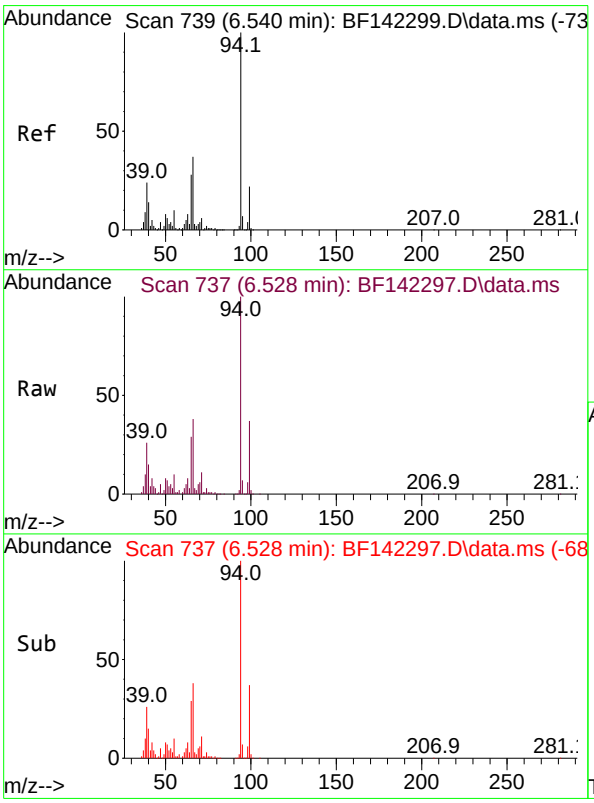
Ion	Ratio	Lower	Upper
77	100		
105	101.9	82.0	122.0
106	96.9	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

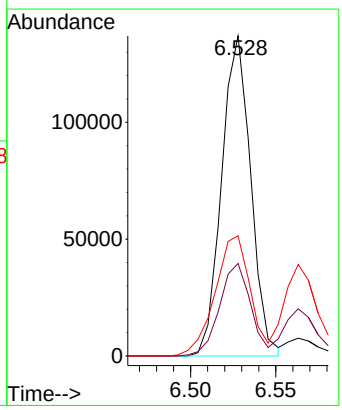
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

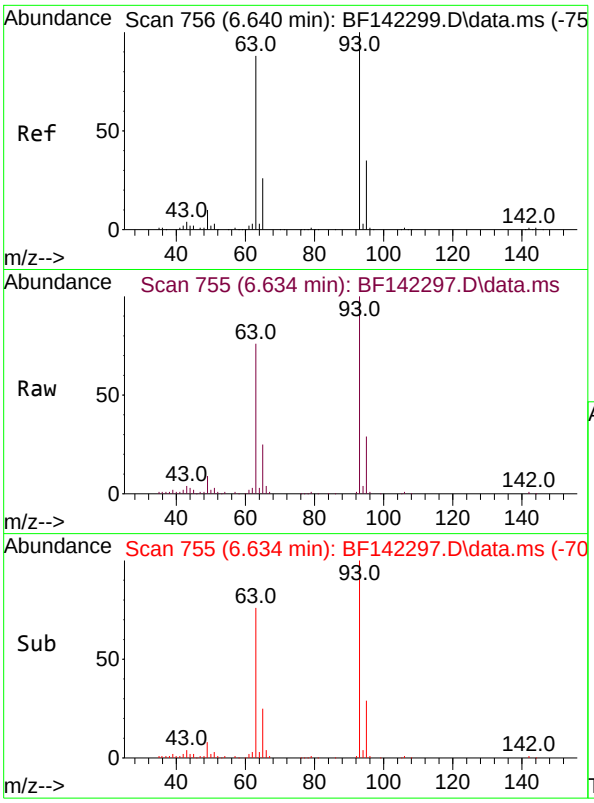


#10
Phenol
Concen: 10.003 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 94 Resp: 162652

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.5	48.5
66	37.5	17.3	57.3

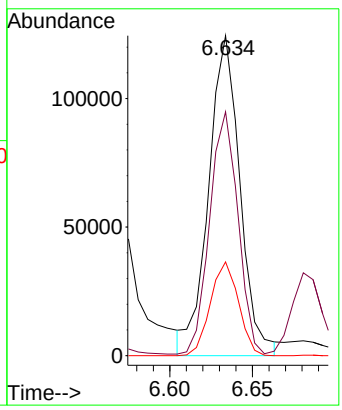




#11
bis(2-Chloroethyl)ether
Concen: 10.242 ng m
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 93 Resp: 16422

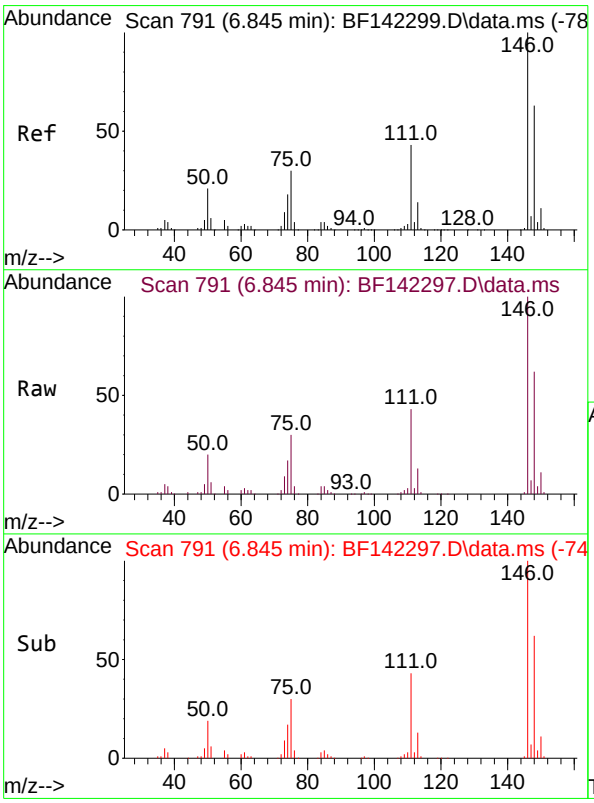
Ion	Ratio	Lower	Upper
93	100		
63	76.2	58.4	98.4
95	29.3	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

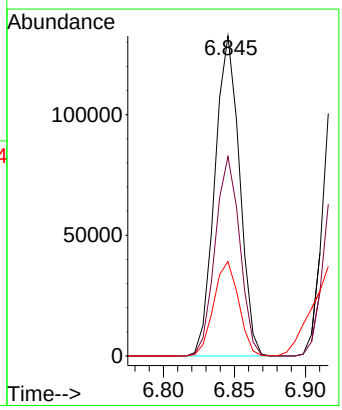
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

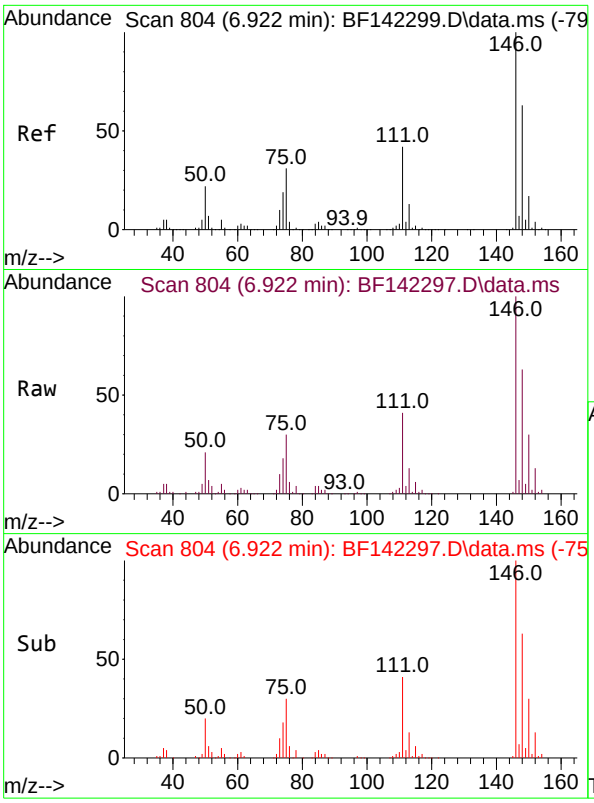


#12
1,3-Dichlorobenzene
Concen: 10.505 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:146 Resp: 160179

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.6	76.0
75	29.5	24.2	36.4

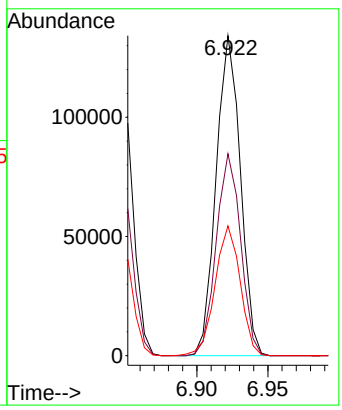




#13
1,4-Dichlorobenzene
Concen: 10.427 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:146 Resp: 15962

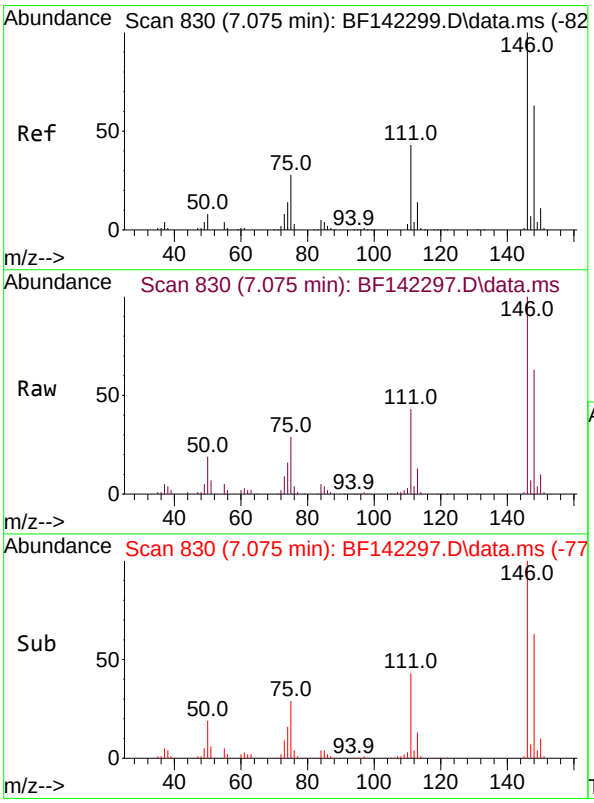
Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	40.6	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

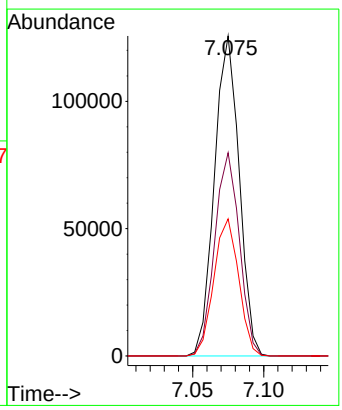
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

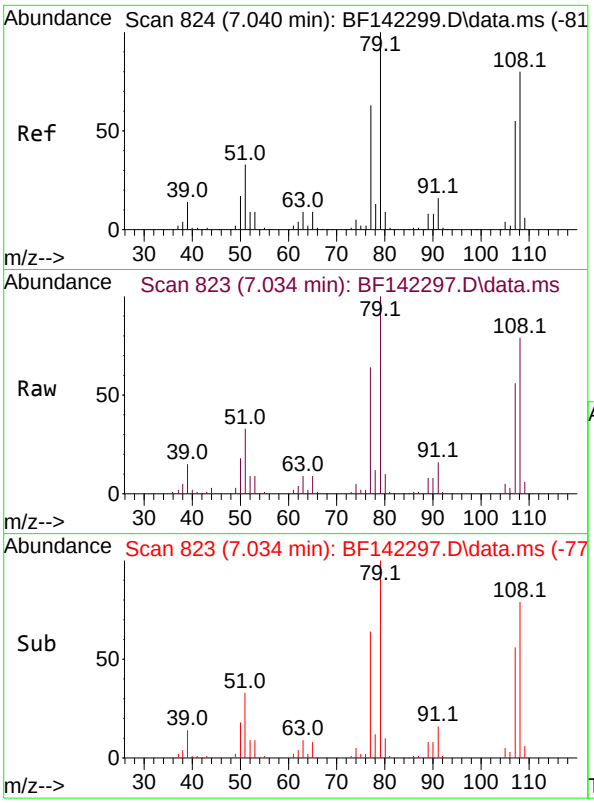


#14
1,2-Dichlorobenzene
Concen: 10.376 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:146 Resp: 152479

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	42.9	34.5	51.7

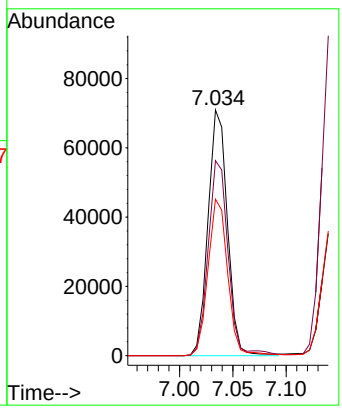




#15
Benzyl Alcohol
Concen: 9.040 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 79 Resp: 8979

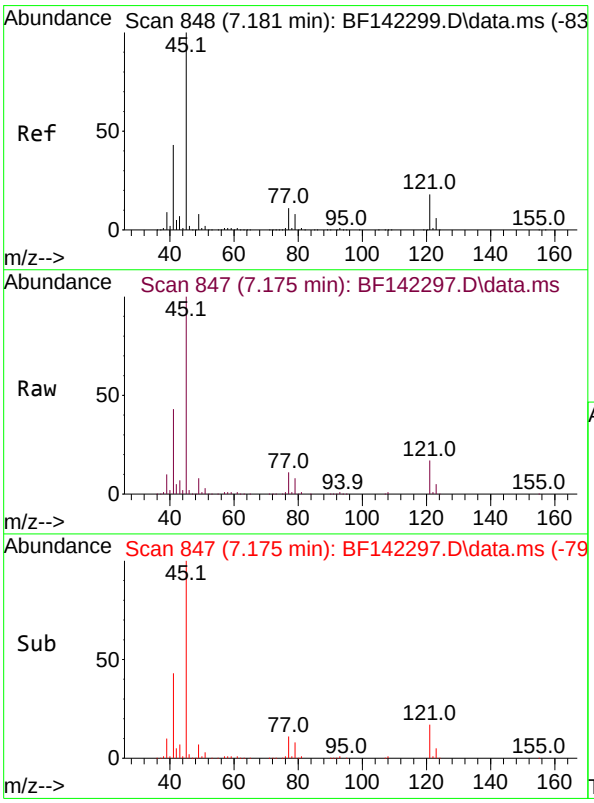
Ion	Ratio	Lower	Upper
79	100		
108	79.4	63.9	95.9
77	63.7	50.7	76.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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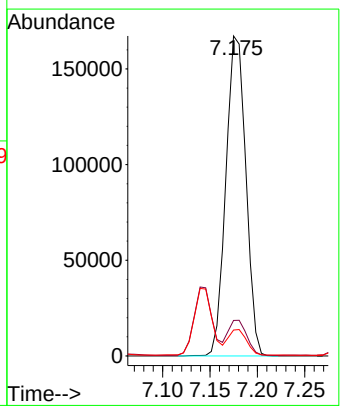
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

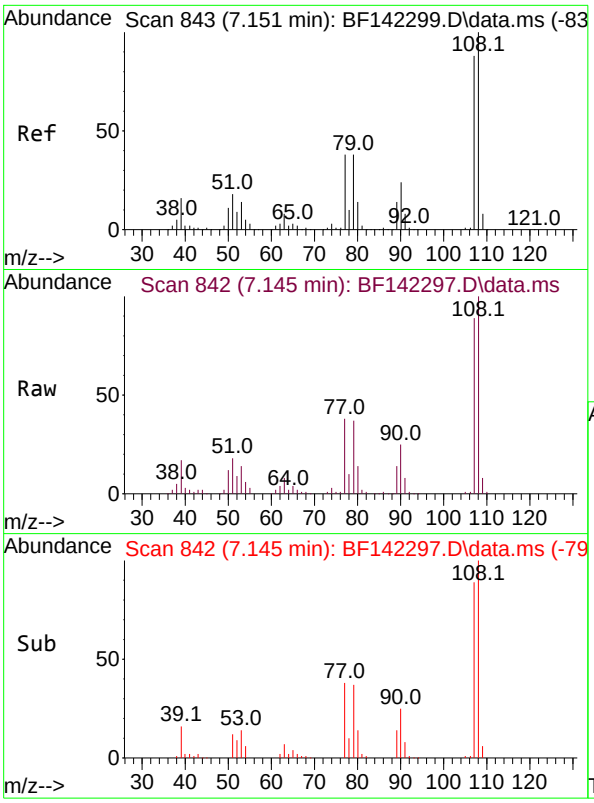


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.270 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 45 Resp: 245918

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.2
79	8.1	0.0	28.5

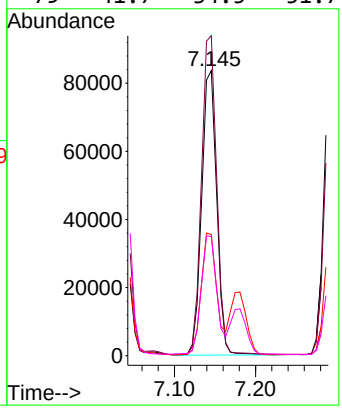




#17
2-Methylphenol
Concen: 9.947 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:107 Resp: 10733

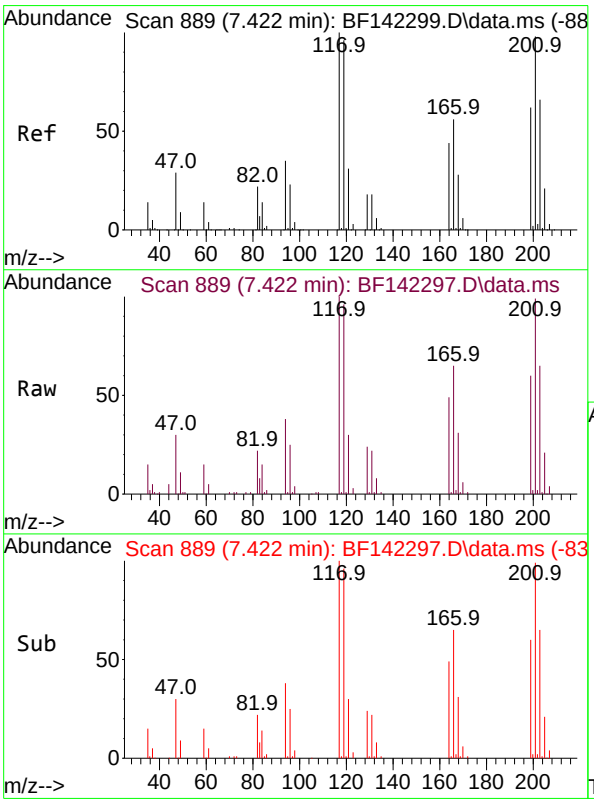
Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.1	136.7
77	42.5	34.7	52.1
79	41.7	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

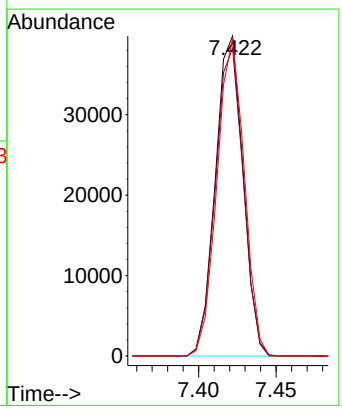
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

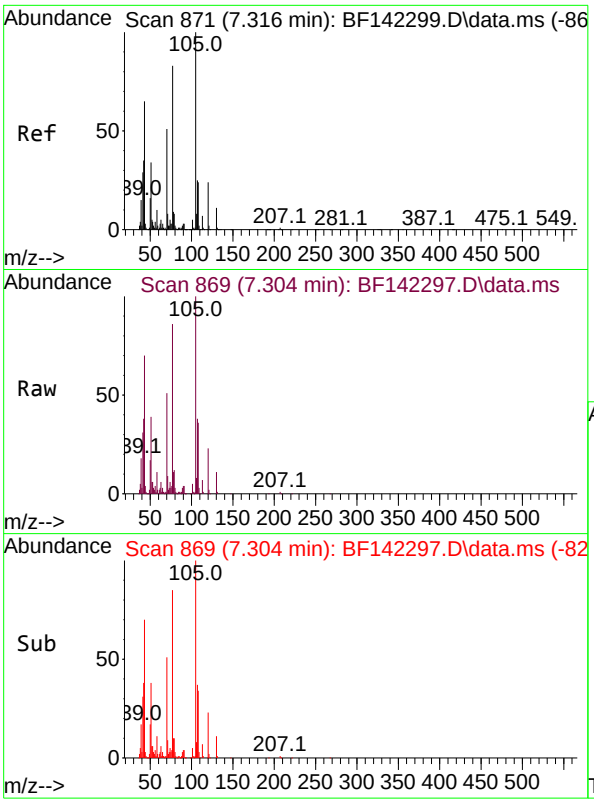


#18
Hexachloroethane
Concen: 9.702 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:117 Resp: 49420

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.9	115.3
201	99.2	78.0	117.0

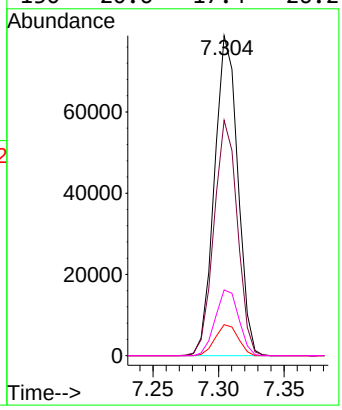




#19
n-Nitroso-di-n-propylamine
Concen: 10.264 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 70 Resp: 9739

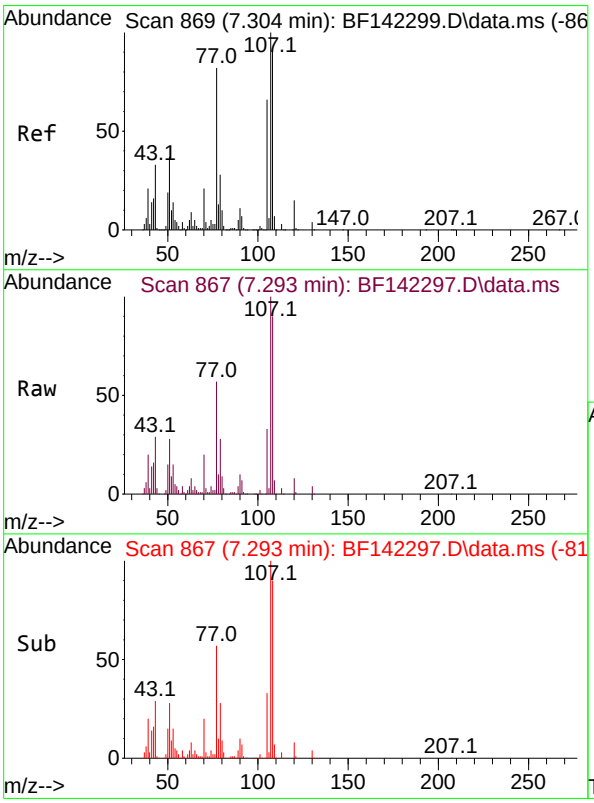
Ion	Ratio	Lower	Upper
70	100		
42	73.5	54.8	82.2
101	9.7	7.7	11.5
130	20.6	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

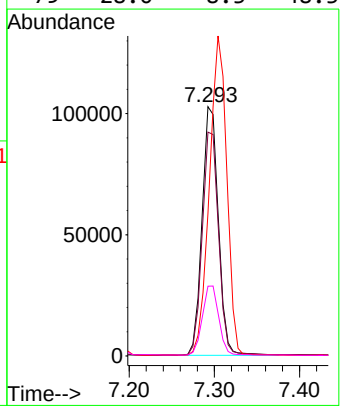
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

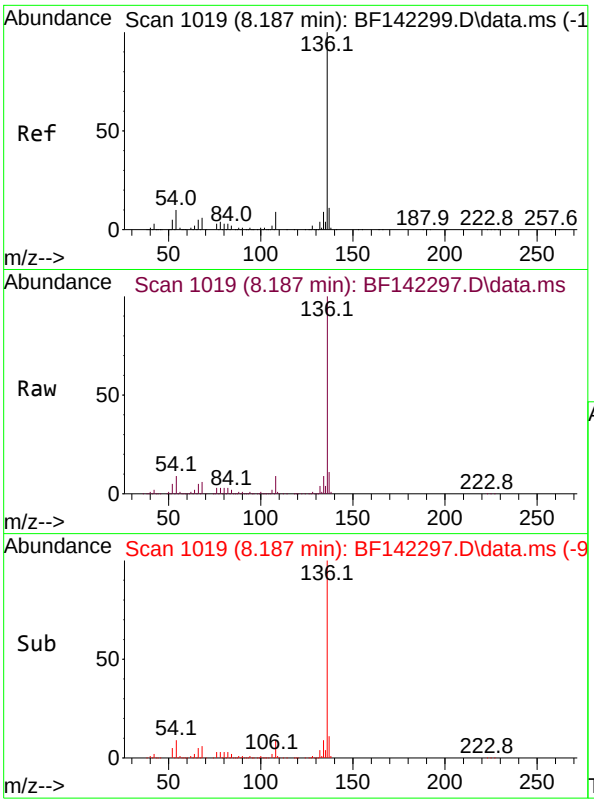


#20
3+4-Methylphenols
Concen: 10.127 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:107 Resp: 136376

Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.5	111.5
77	57.2	61.6	101.6#
79	28.0	8.3	48.3

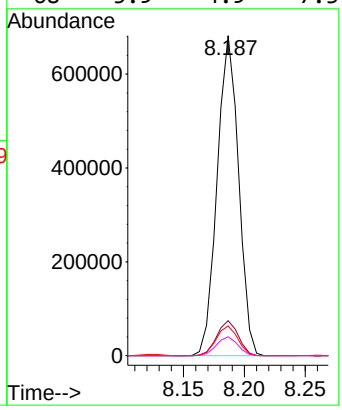




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:136 Resp: 83402

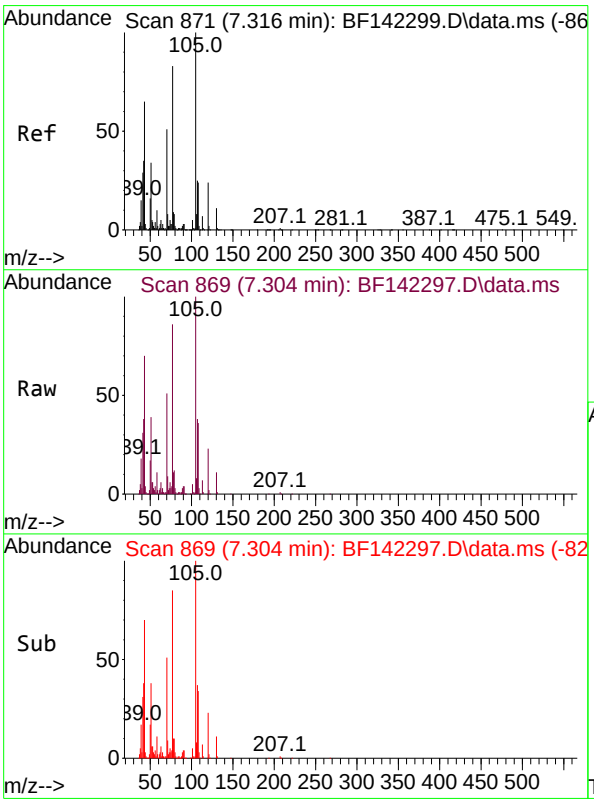
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.3	7.7	11.5
68	5.9	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

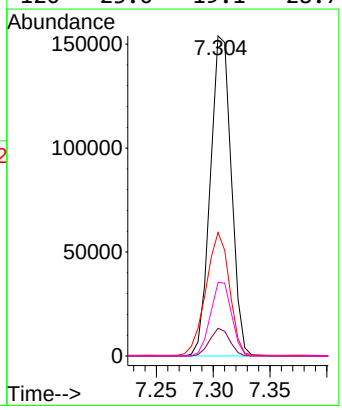
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

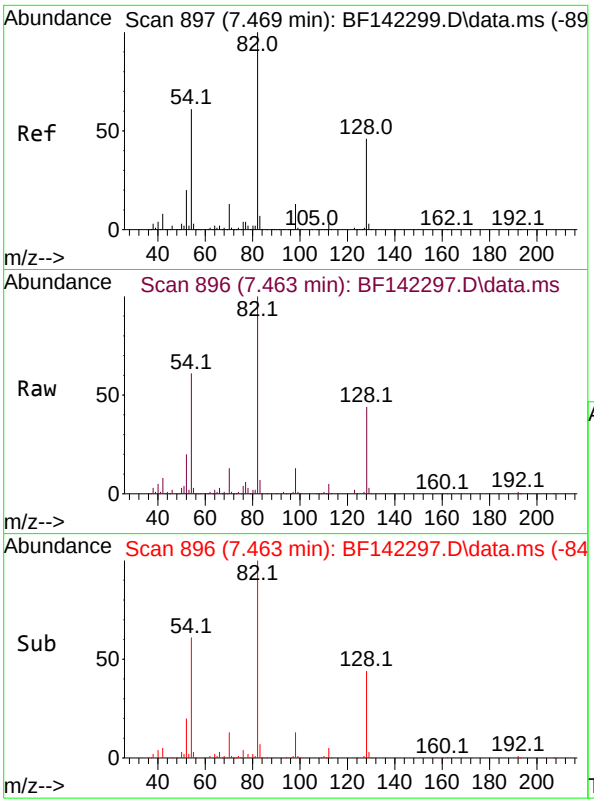


#22
Acetophenone
Concen: 10.662 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:105 Resp: 197710

Ion	Ratio	Lower	Upper
105	100		
71	8.6	6.7	10.1
51	38.6	27.6	41.4
120	23.0	19.1	28.7





#23
Nitrobenzene-d5
Concen: 18.533 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

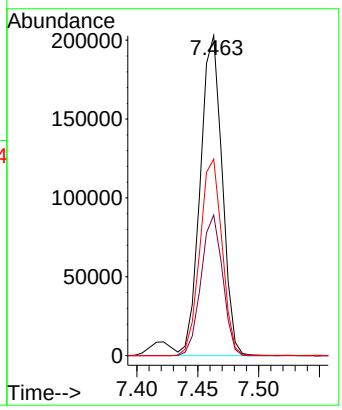
Tgt Ion: 82 Resp: 25345

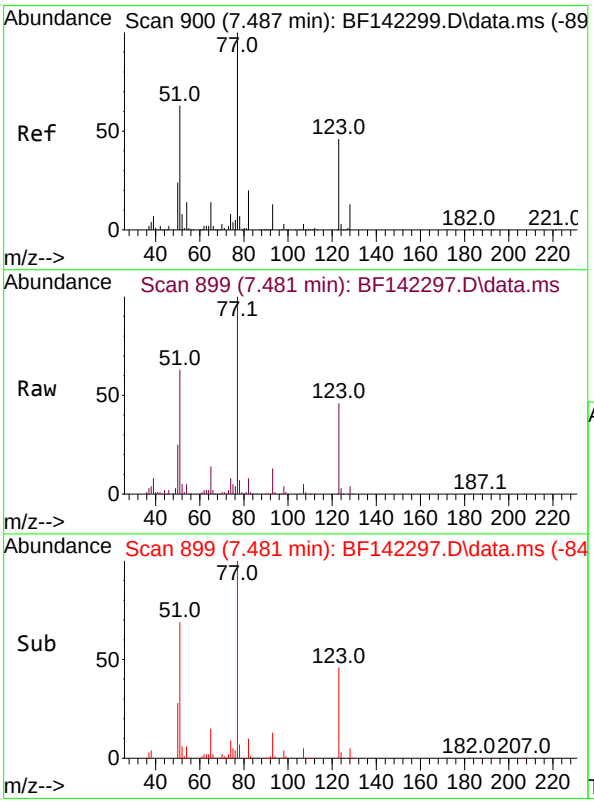
Ion	Ratio	Lower	Upper
82	100		
128	43.9	37.0	55.6
54	61.4	48.6	73.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

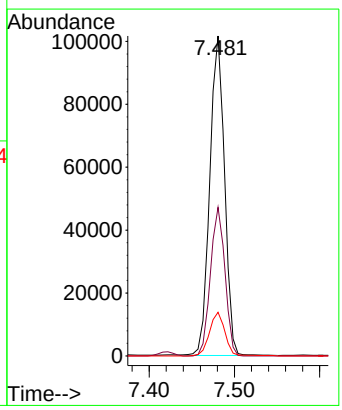


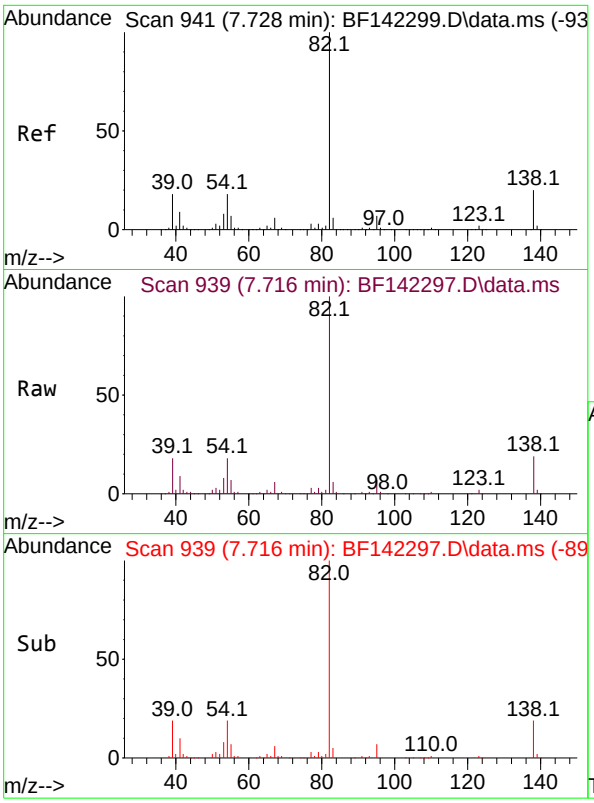


#24
Nitrobenzene
Concen: 9.485 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 77 Resp: 122267

Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.8	56.8
65	13.6	11.4	17.0





#25
Isophorone
Concen: 10.039 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

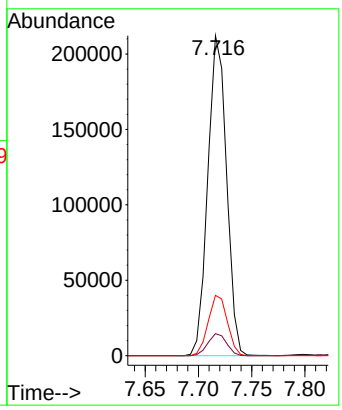
Tgt Ion: 82 Resp: 25996

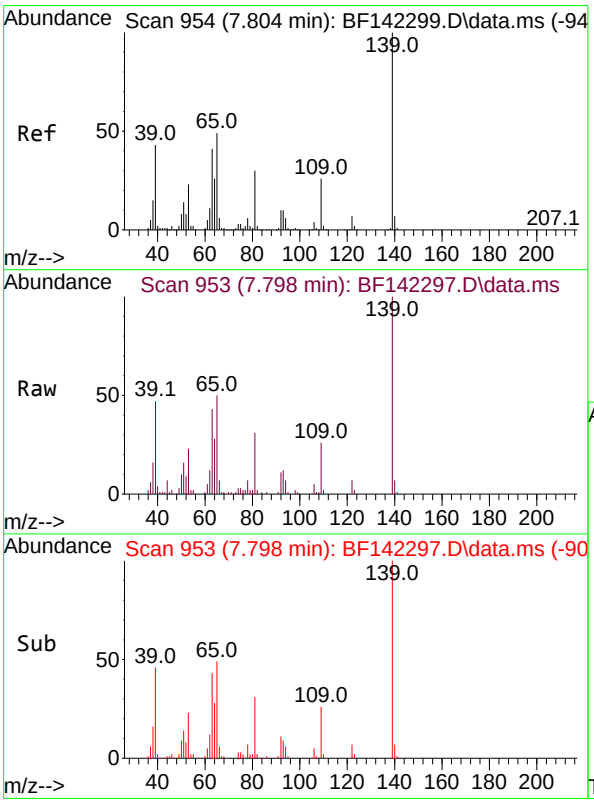
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.8
138	18.9	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

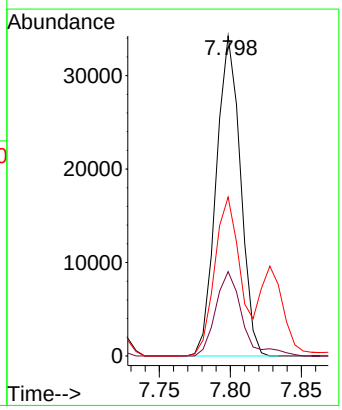


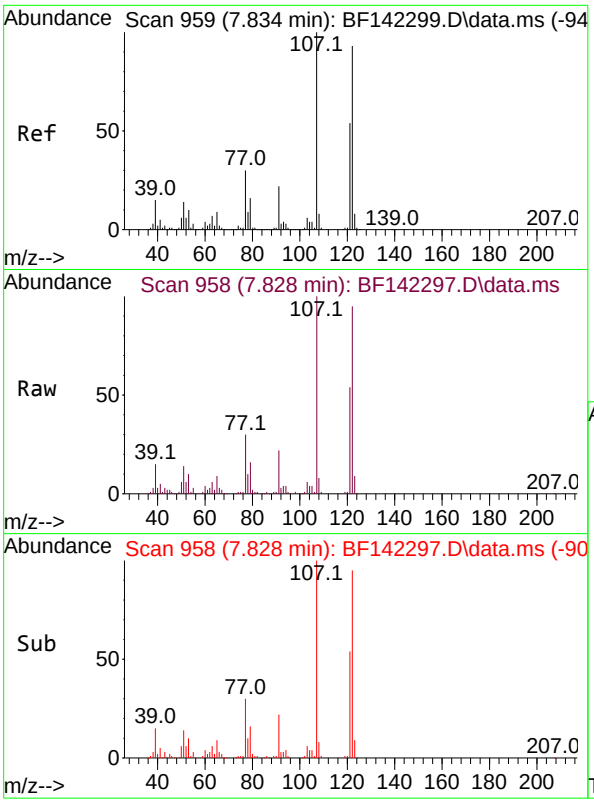


#26
2-Nitrophenol
Concen: 10.066 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:139 Resp: 40609

Ion	Ratio	Lower	Upper
139	100		
109	26.3	20.8	31.2
65	49.6	38.9	58.3

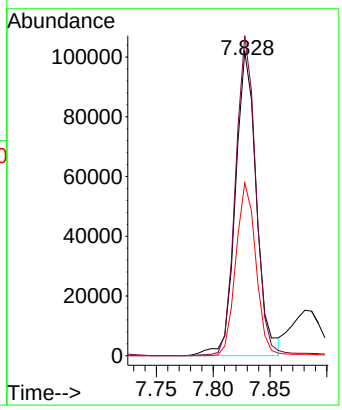




#27
2,4-Dimethylphenol
Concen: 10.068 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:122 Resp: 13107

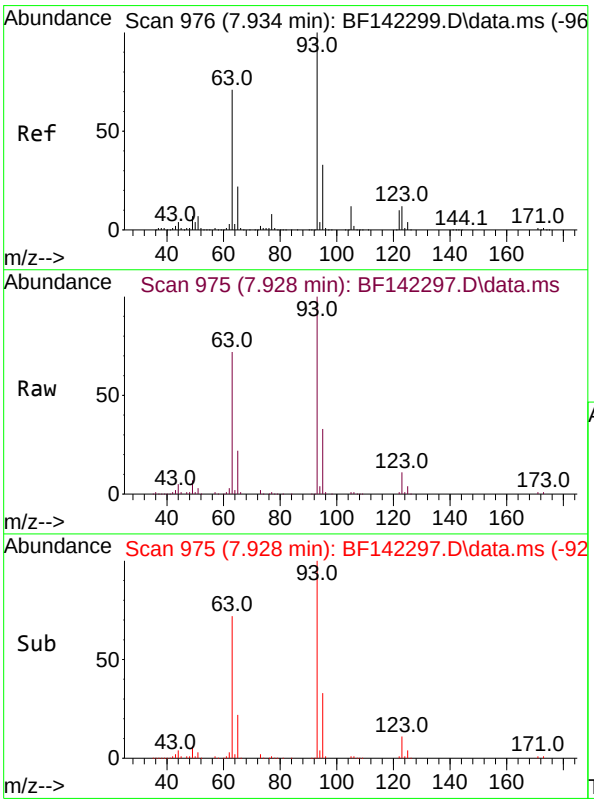
Ion	Ratio	Lower	Upper
122	100		
107	105.2	86.0	129.0
121	56.8	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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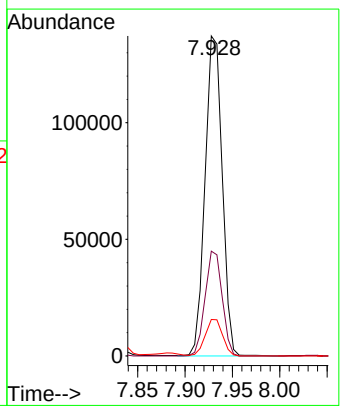
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

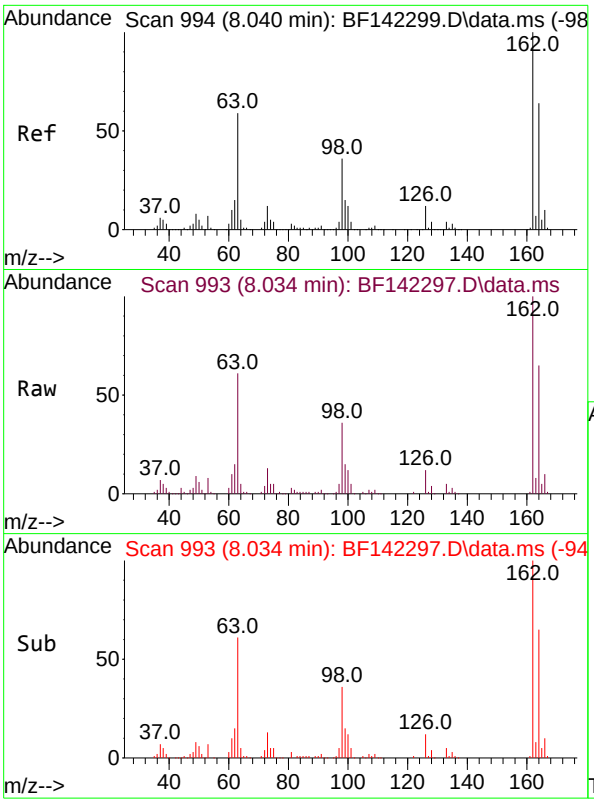


#28
bis(2-Chloroethoxy)methane
Concen: 10.373 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 93 Resp: 172734

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	11.4	10.2	15.4

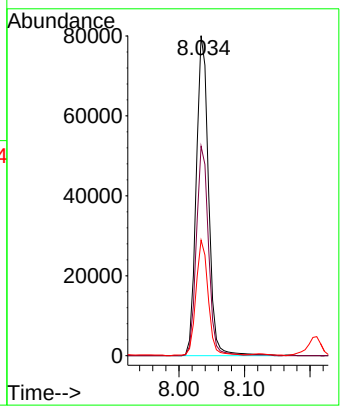




#29
2,4-Dichlorophenol
Concen: 9.468 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:162 Resp: 10480

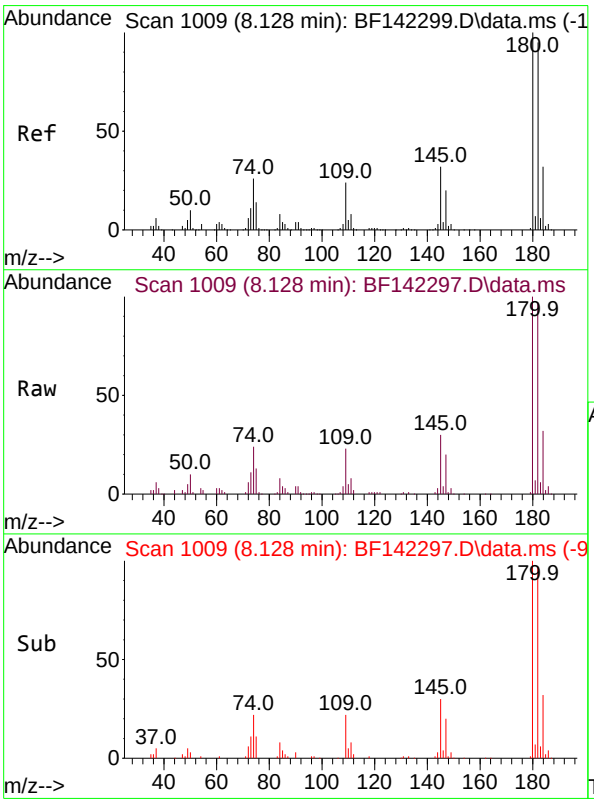
Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.6	83.6
98	36.1	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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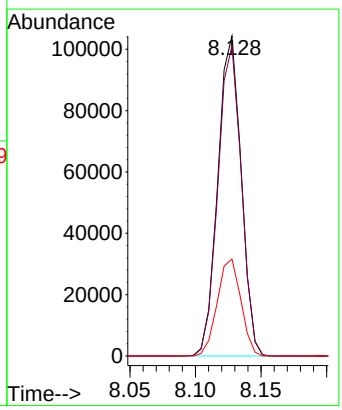
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

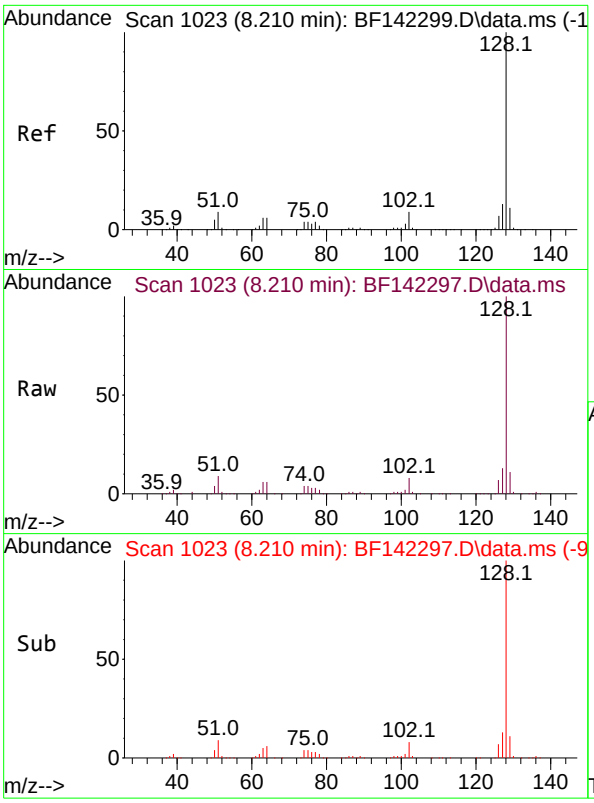


#30
1,2,4-Trichlorobenzene
Concen: 10.358 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:180 Resp: 129041

Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.2	114.4
145	30.3	25.8	38.6





#31
Naphthalene
Concen: 10.638 ng
RT: 8.210 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

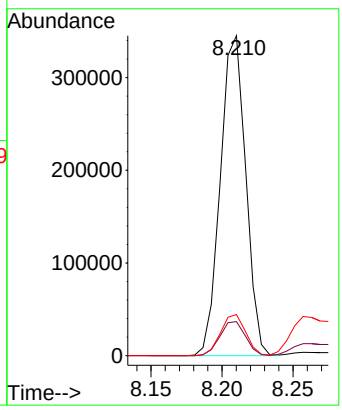
Tgt Ion:128 Resp: 42999(

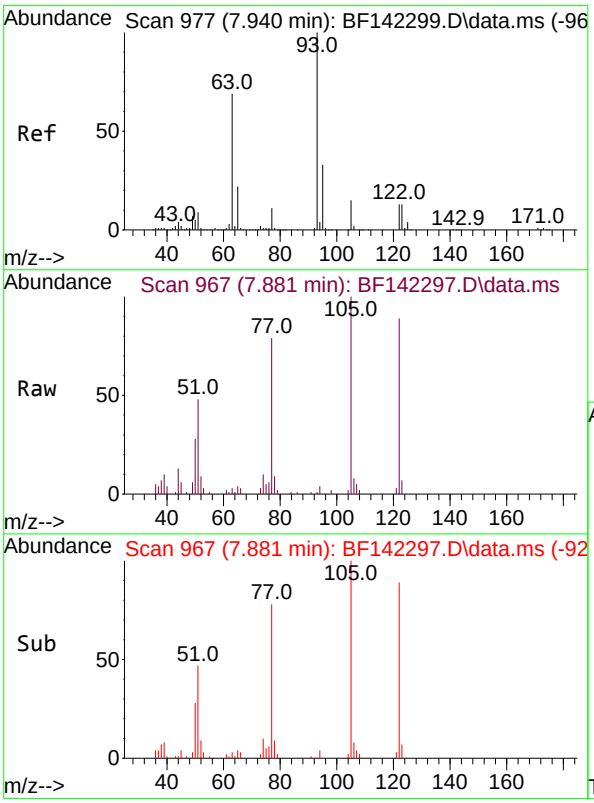
Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	12.8	10.5	15.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

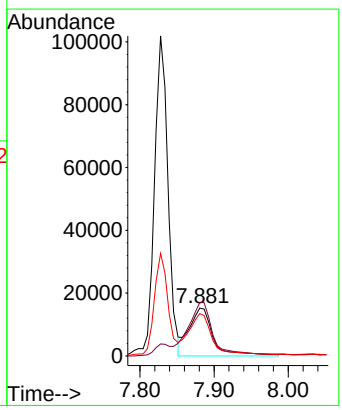


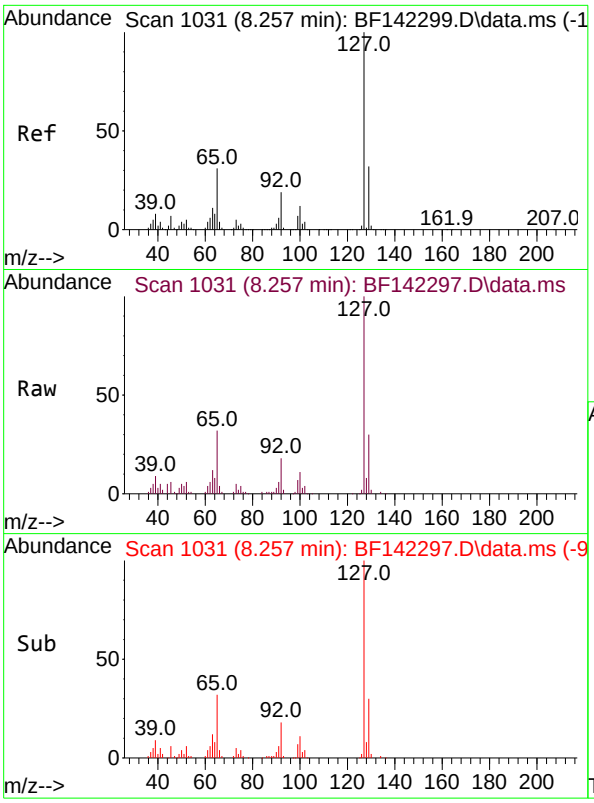


#32
Benzoic acid
Concen: 11.080 ng m
RT: 7.881 min Scan# 967
Delta R.T. -0.059 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:122 Resp: 35000

Ion	Ratio	Lower	Upper
122	100		
105	112.0	97.9	137.9
77	88.5	67.7	107.7

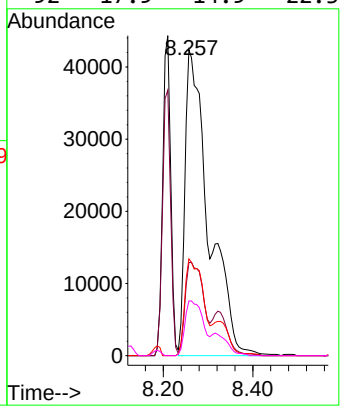




#33
4-Chloroaniline
Concen: 9.438 ng m
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:127 Resp: 15538

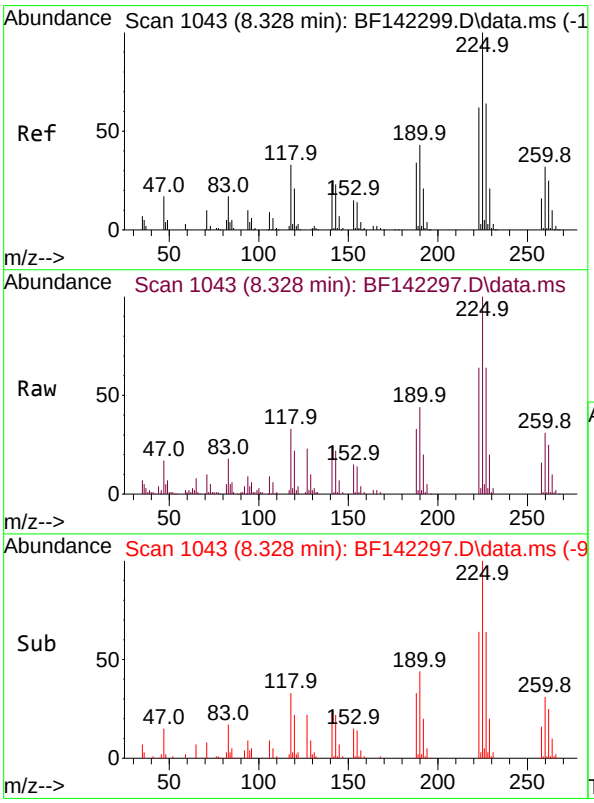
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.7	38.5
65	31.6	24.9	37.3
92	17.9	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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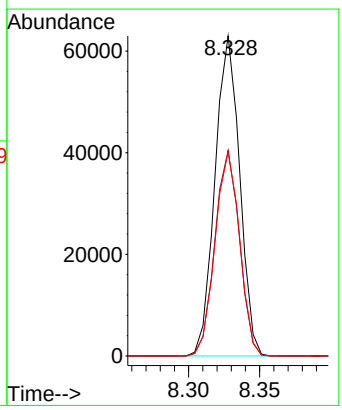
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

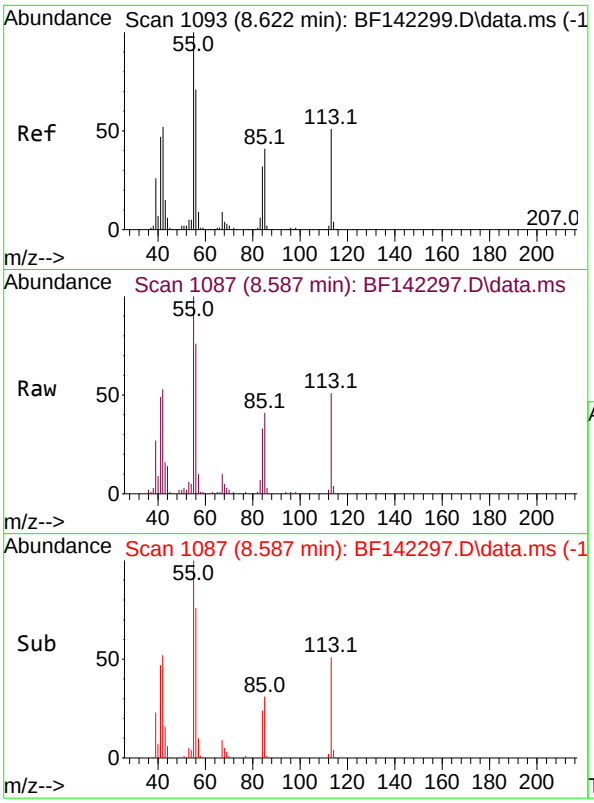


#34
Hexachlorobutadiene
Concen: 10.292 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:225 Resp: 75921

Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.8	74.6
227	63.7	50.9	76.3

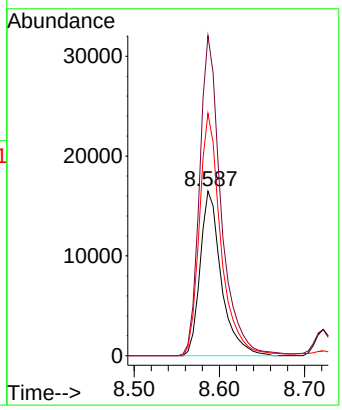




#35
Caprolactam
Concen: 8.834 ng
RT: 8.587 min Scan# 1
Delta R.T. -0.035 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:113 Resp: 2843

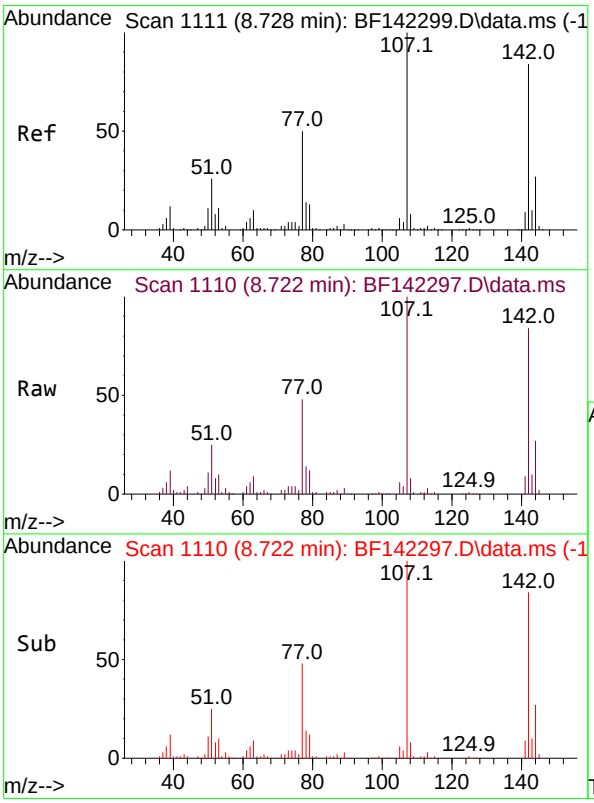
Ion	Ratio	Lower	Upper
113	100		
55	194.5	176.4	216.4
56	147.3	120.3	160.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

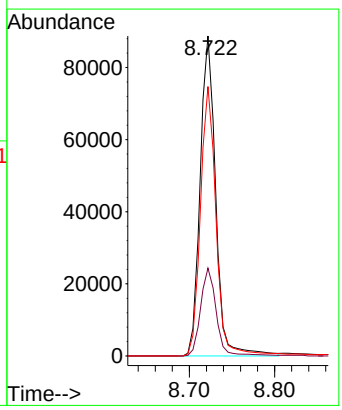
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

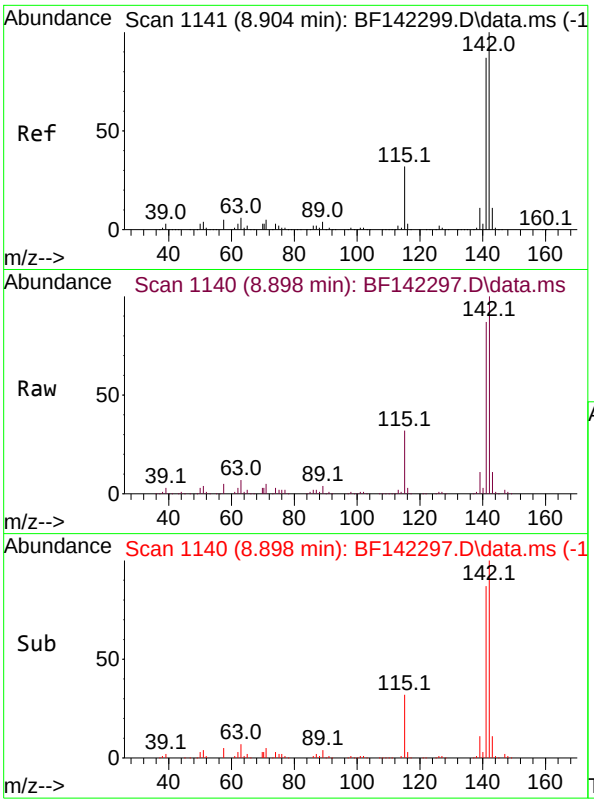


#36
4-Chloro-3-methylphenol
Concen: 9.800 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:107 Resp: 112762

Ion	Ratio	Lower	Upper
107	100		
144	27.5	21.3	31.9
142	84.2	66.9	100.3

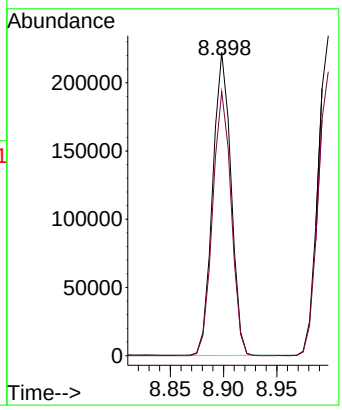




#37
2-Methylnaphthalene
Concen: 10.564 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:142 Resp: 26532

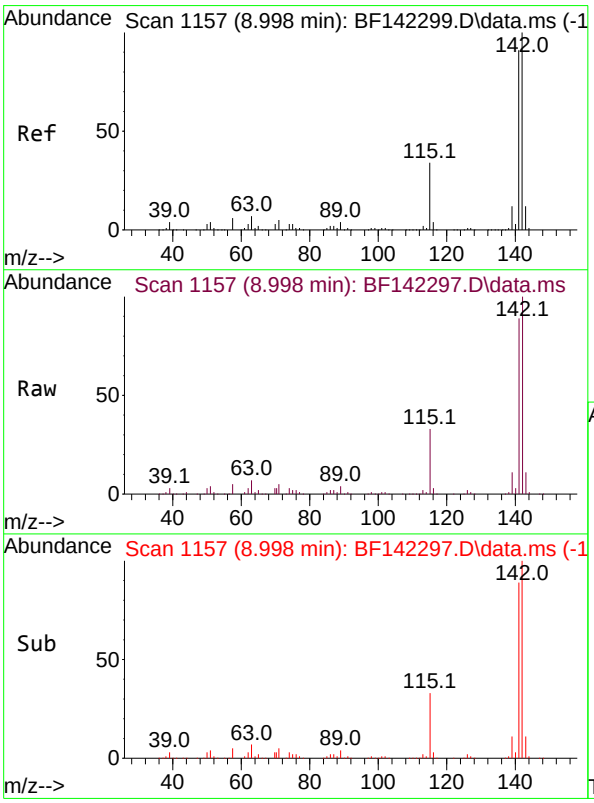
Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.4	104.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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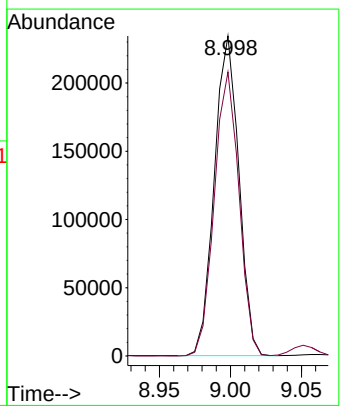
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

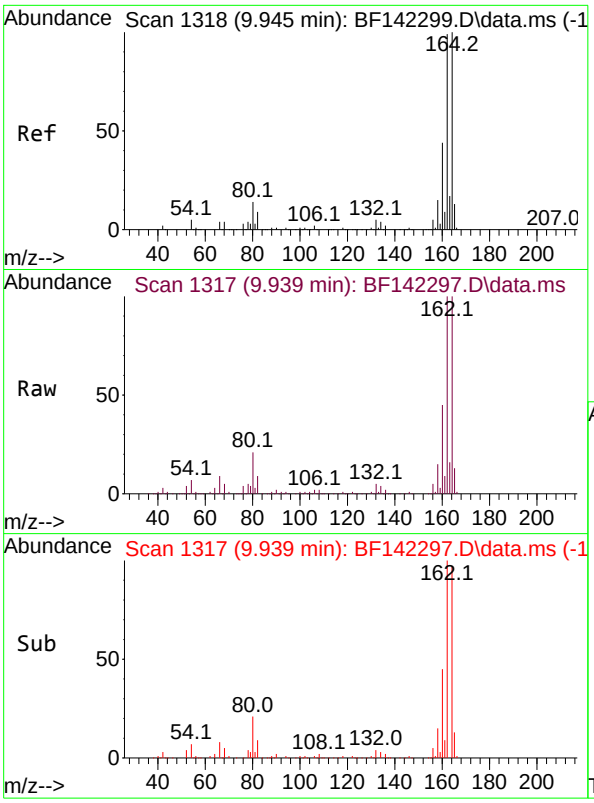


#38
1-Methylnaphthalene
Concen: 10.745 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:142 Resp: 281289

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.5	108.7

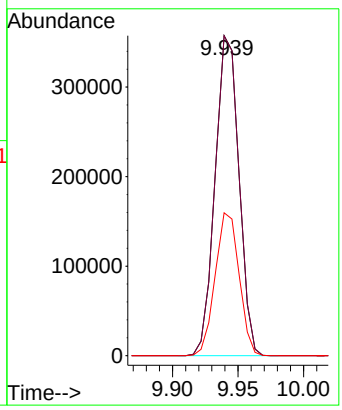




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:164 Resp: 45165

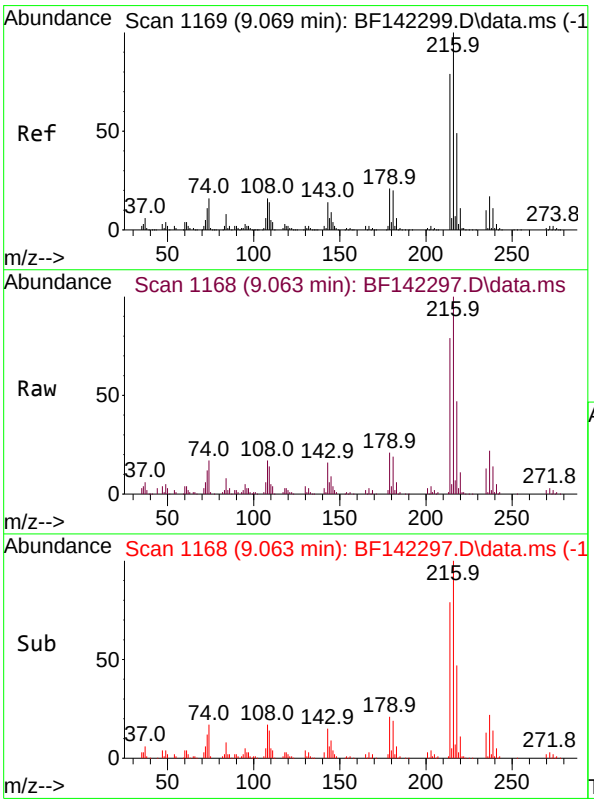
Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.2	118.8
160	44.7	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

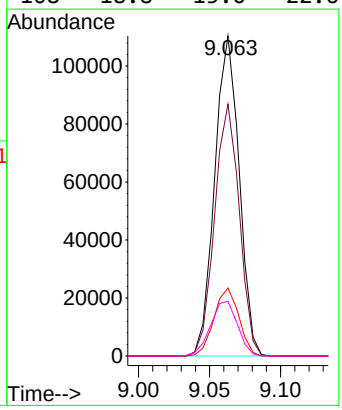
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

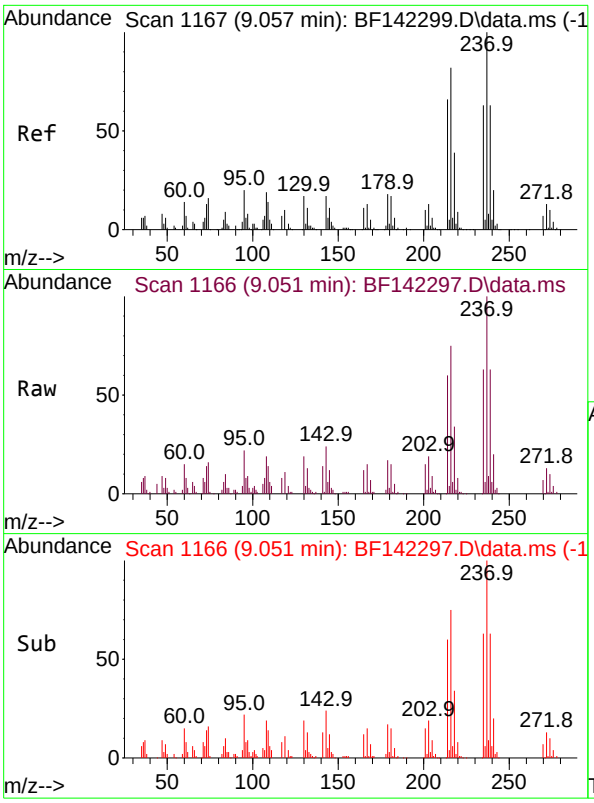


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.492 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:216 Resp: 132346

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	21.5	17.0	25.6
108	18.8	15.0	22.6

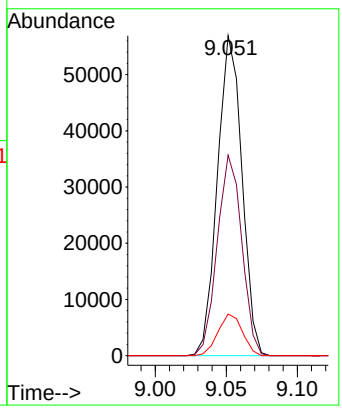




#41
Hexachlorocyclopentadiene
Concen: 8.764 ng
RT: 9.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:237 Resp: 6832

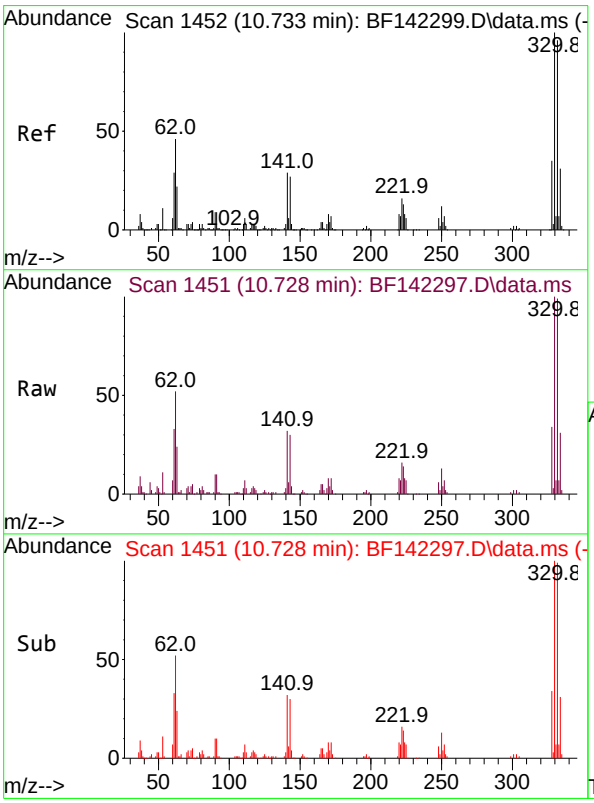
Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.8	82.8
272	13.0	0.0	33.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

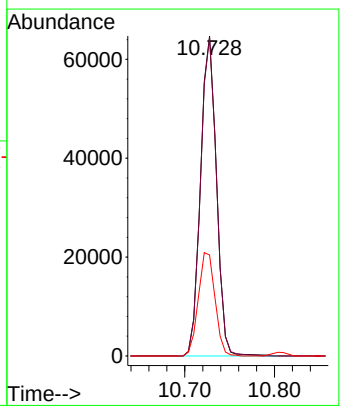
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

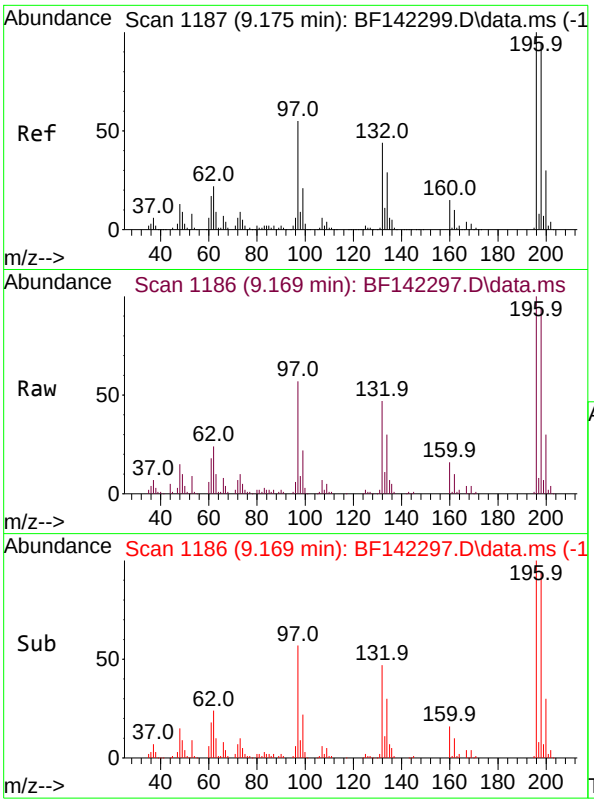


#42
2,4,6-Tribromophenol
Concen: 18.247 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:330 Resp: 79570

Ion	Ratio	Lower	Upper
330	100		
332	99.3	76.8	115.2
141	34.0	24.9	37.3

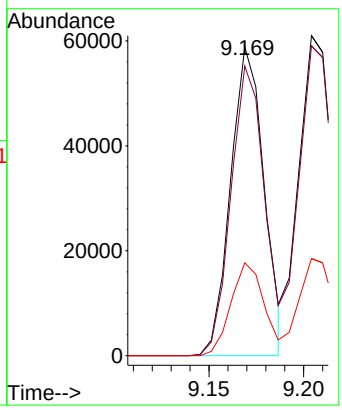




#43
2,4,6-Trichlorophenol
Concen: 9.078 ng
RT: 9.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:196 Resp: 7223

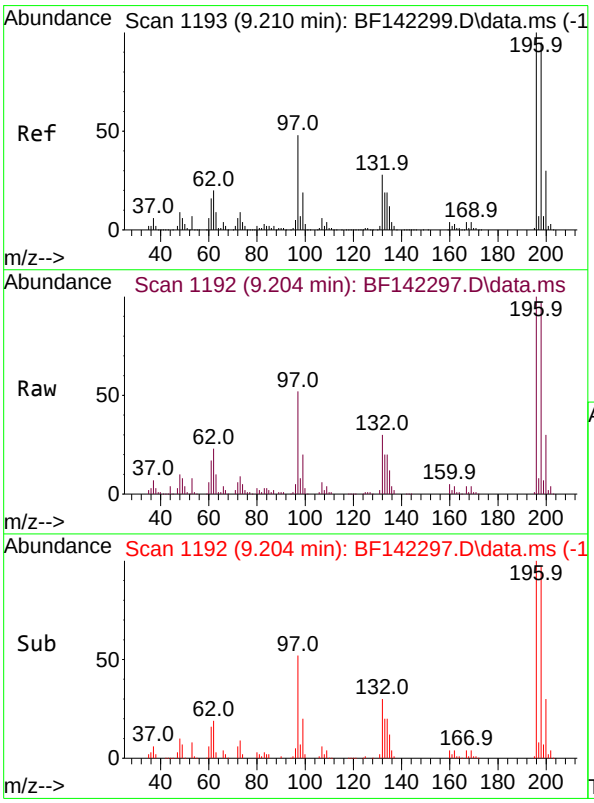
Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.4	113.0
200	30.0	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

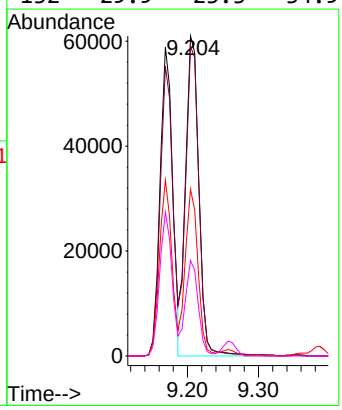
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

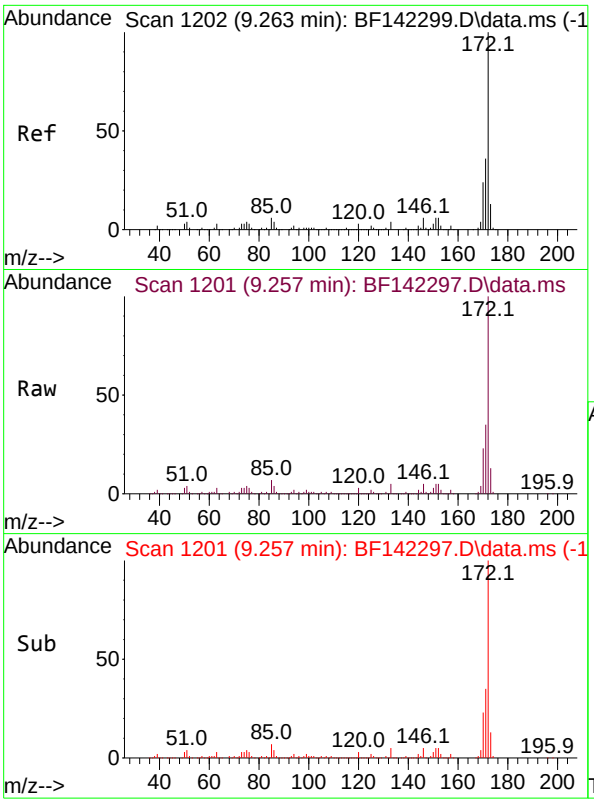


#44
2,4,5-Trichlorophenol
Concen: 9.429 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:196 Resp: 79827

Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.1	114.1
97	52.1	39.0	58.4
132	29.9	23.3	34.9

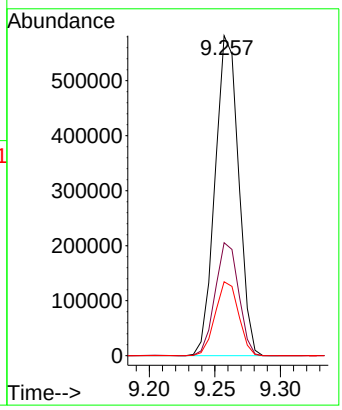




#45
2-Fluorobiphenyl
Concen: 22.888 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:172 Resp: 72500

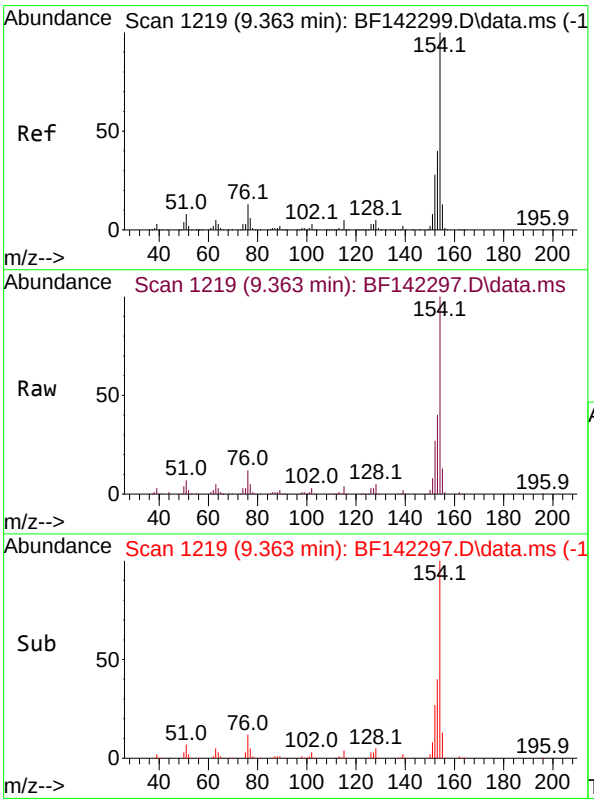
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.1	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

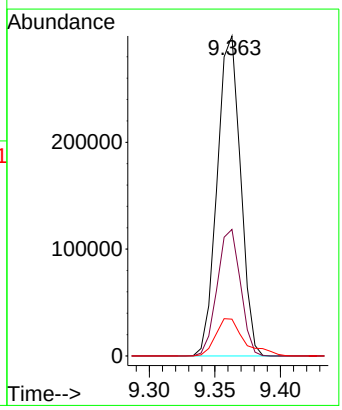
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

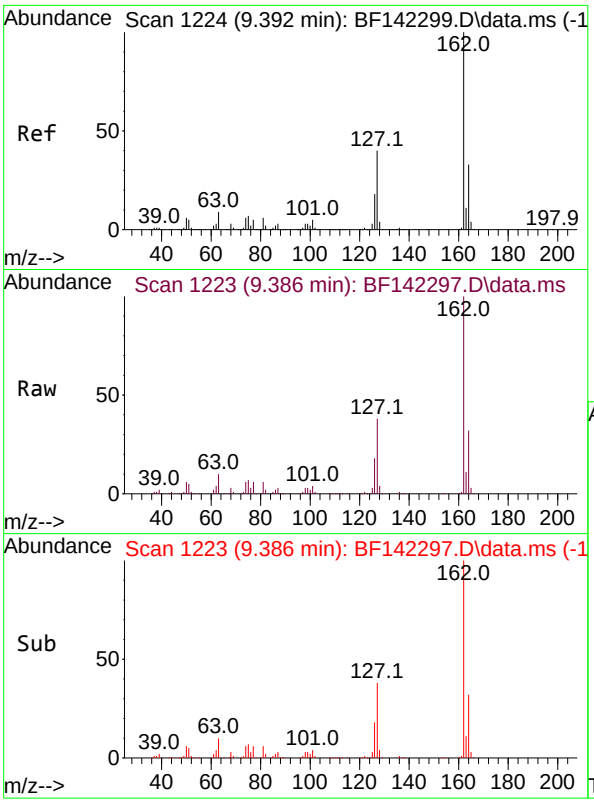


#46
1,1'-Biphenyl
Concen: 10.702 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:154 Resp: 370629

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.5	60.5
76	11.5	0.0	32.8

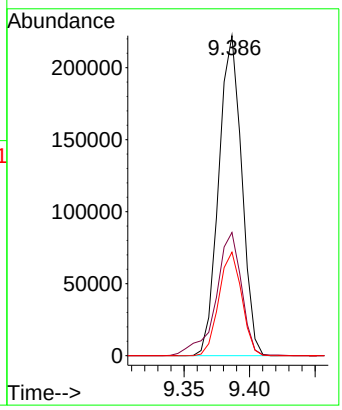




#47
2-Chloronaphthalene
Concen: 10.503 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:162 Resp: 27050

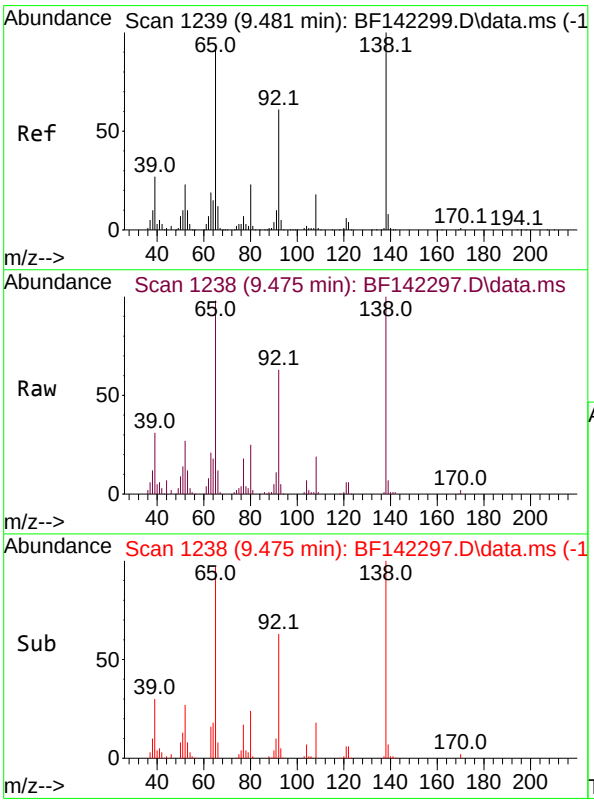
Ion	Ratio	Lower	Upper
162	100		
127	38.5	32.3	48.5
164	32.4	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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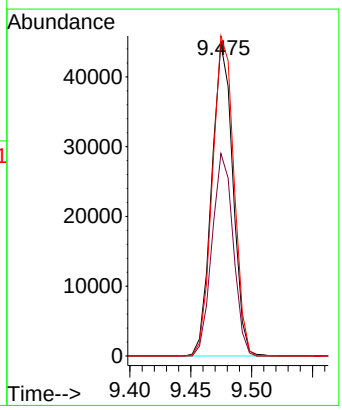
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

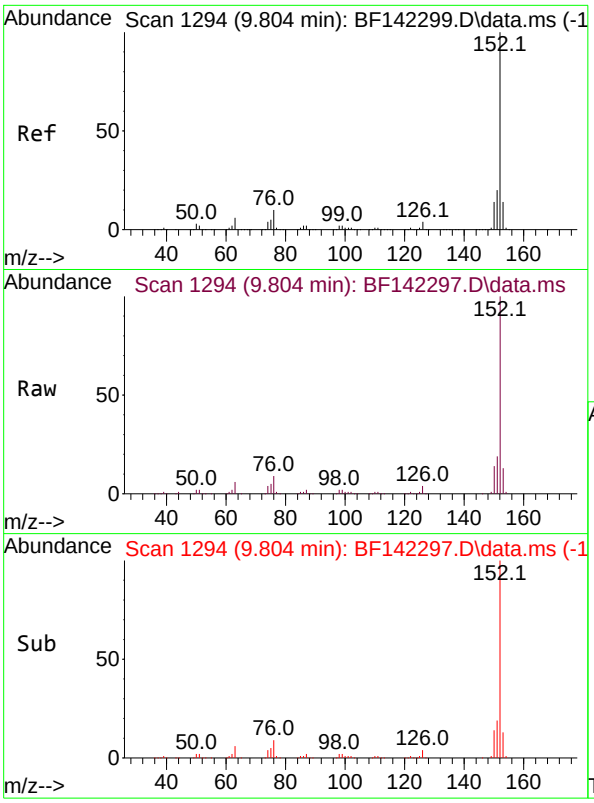


#48
2-Nitroaniline
Concen: 8.208 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 65 Resp: 54180

Ion	Ratio	Lower	Upper
65	100		
92	64.8	52.3	78.5
138	102.5	85.6	128.4

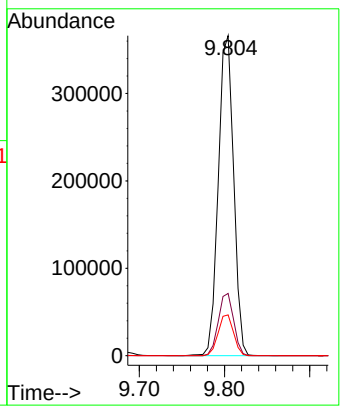




#49
Acenaphthylene
Concen: 10.616 ng
RT: 9.804 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:152 Resp: 45735

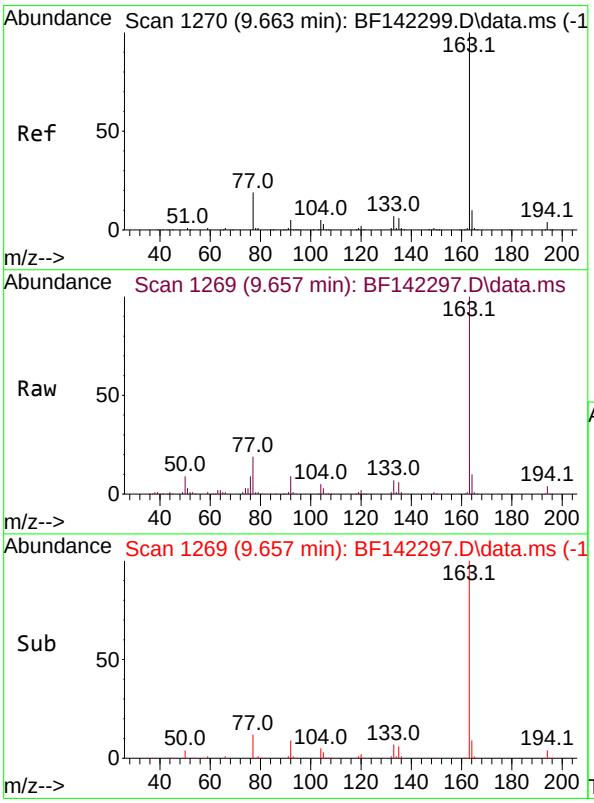
Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.0	24.0
153	12.7	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

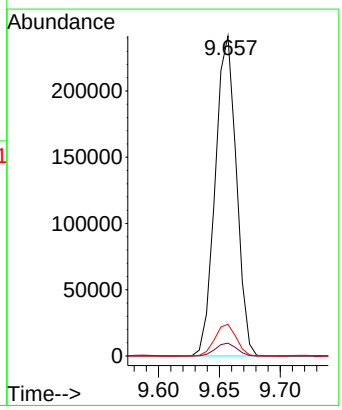
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

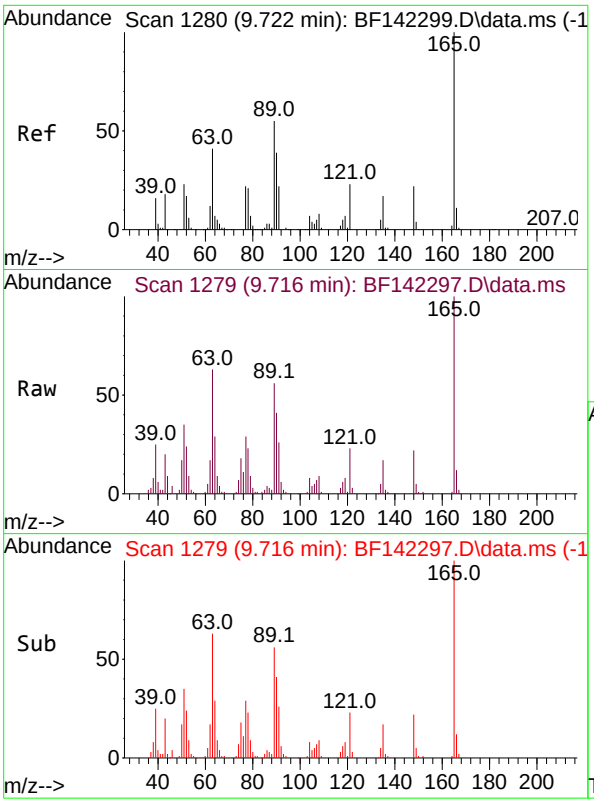


#50
Dimethylphthalate
Concen: 10.080 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:163 Resp: 292351

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.9	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 8.551 ng
RT: 9.716 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

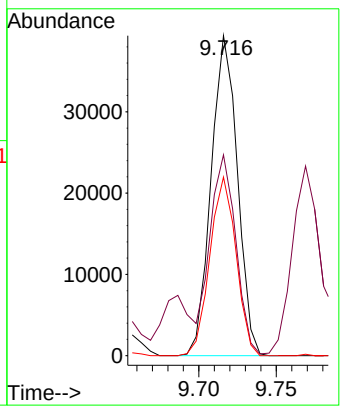
Tgt Ion:165 Resp: 4642

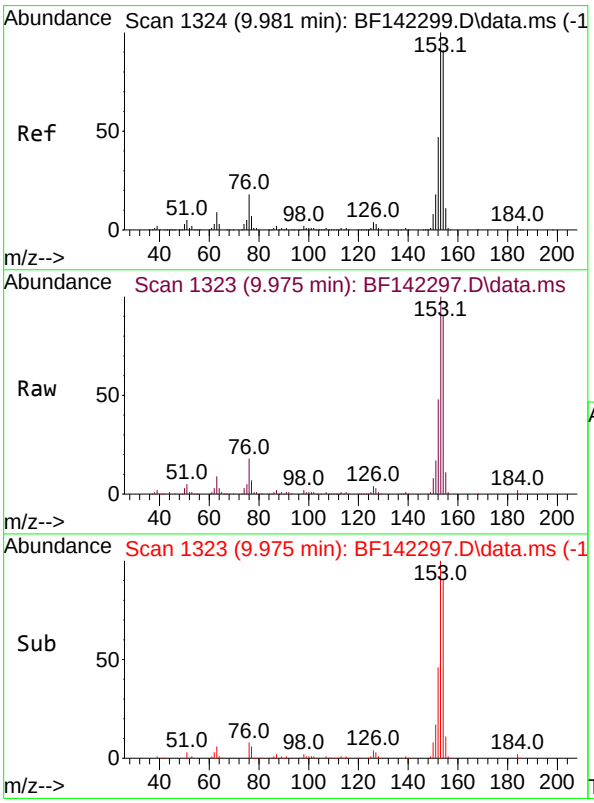
Ion	Ratio	Lower	Upper
165	100		
63	62.8	49.5	74.3
89	55.8	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

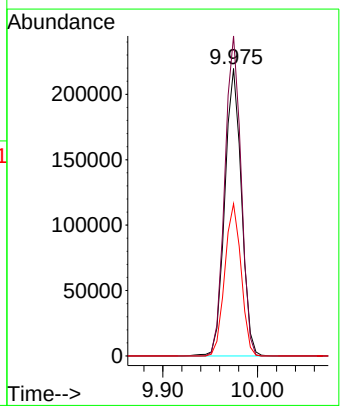


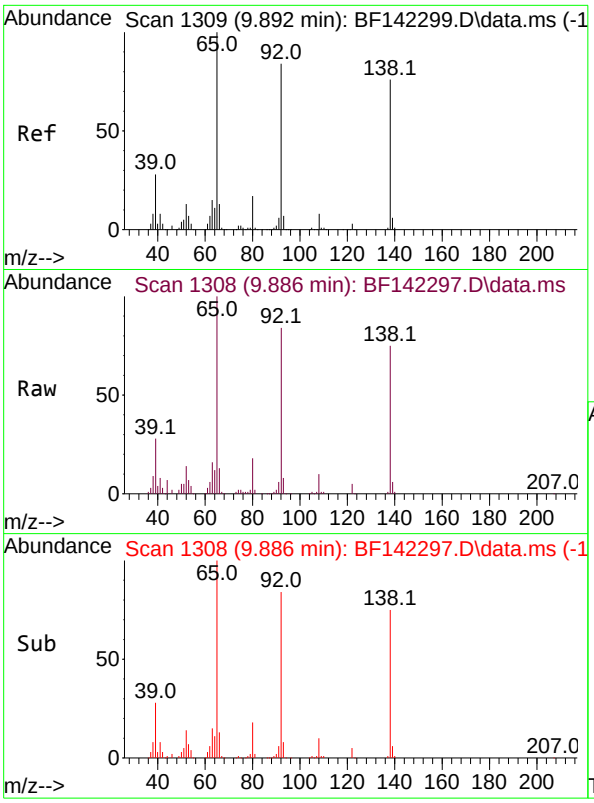


#52
Acenaphthene
Concen: 10.384 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:154 Resp: 268993

Ion	Ratio	Lower	Upper
154	100		
153	111.4	88.0	132.0
152	53.0	41.6	62.4





#53
3-Nitroaniline
Concen: 8.443 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

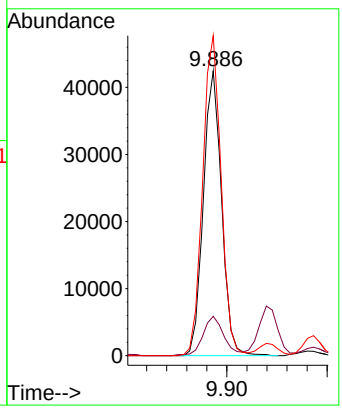
Tgt Ion:138 Resp: 5375

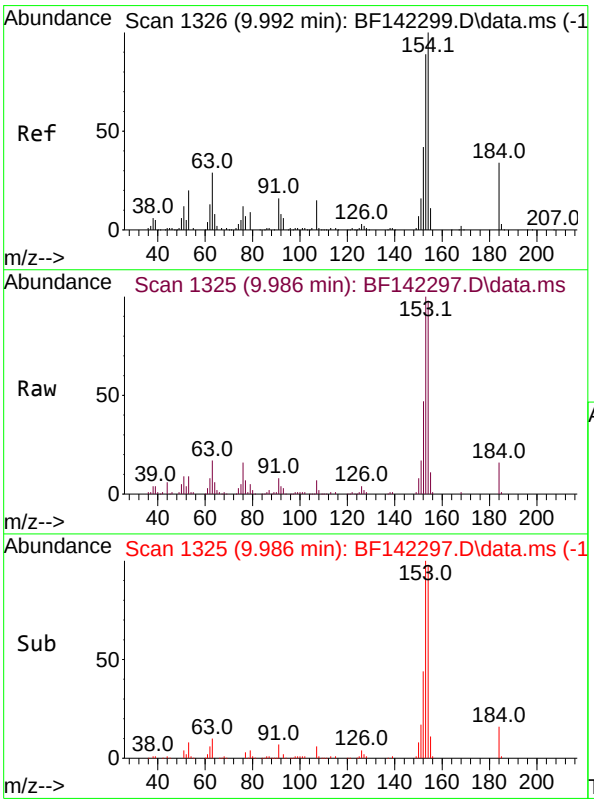
Ion	Ratio	Lower	Upper
138	100		
108	13.8	8.7	13.1#
92	112.4	89.5	134.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

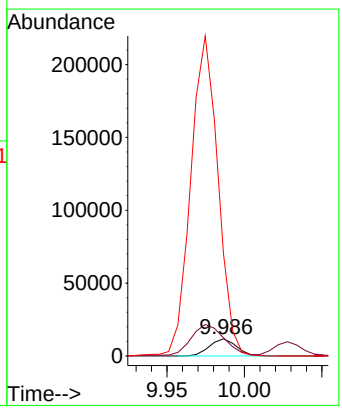


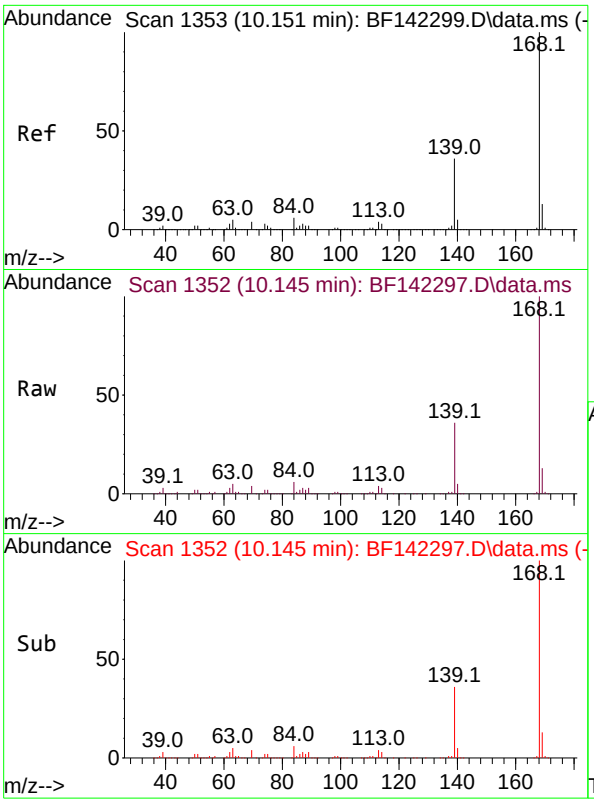


#54
2,4-Dinitrophenol
Concen: 12.133 ng
RT: 9.986 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:184 Resp: 14043

Ion	Ratio	Lower	Upper
184	100		
63	106.4	70.6	105.8#
154	596.9	257.2	385.8#

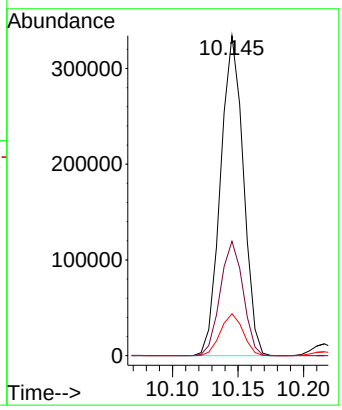




#55
Dibenzofuran
Concen: 10.573 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:168 Resp: 40421

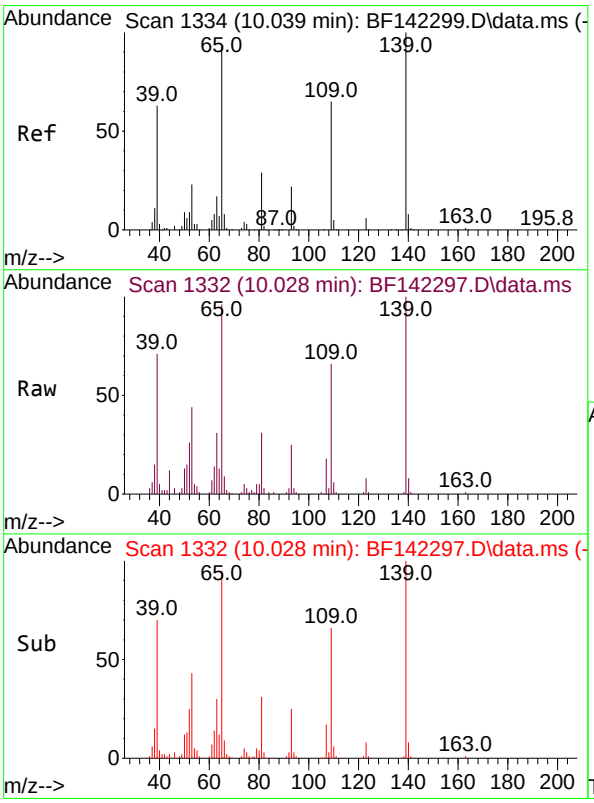
Ion	Ratio	Lower	Upper
168	100		
139	35.7	29.0	43.4
169	13.1	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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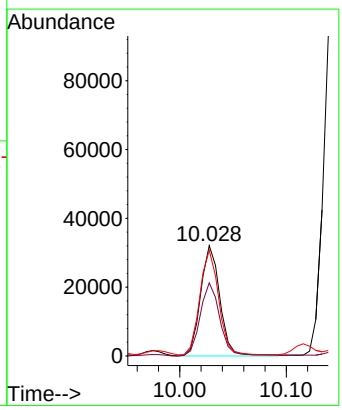
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

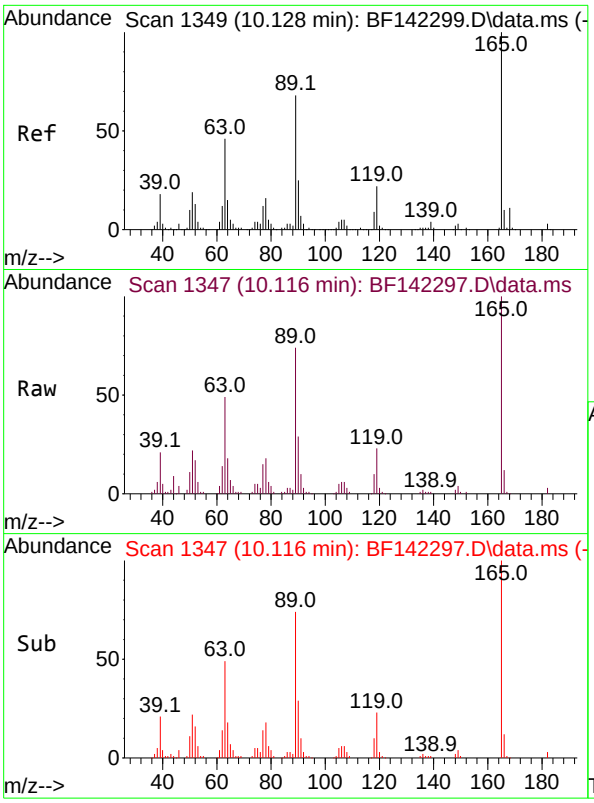


#56
4-Nitrophenol
Concen: 8.407 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:139 Resp: 40283

Ion	Ratio	Lower	Upper
139	100		
109	66.2	45.3	85.3
65	95.8	73.9	113.9

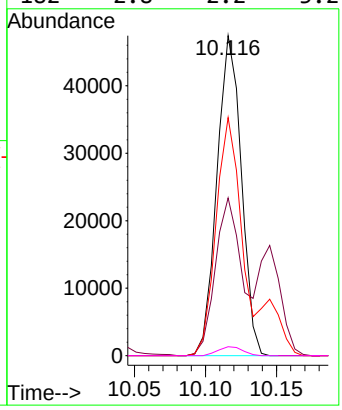




#57
2,4-Dinitrotoluene
Concen: 8.120 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:165 Resp: 5654

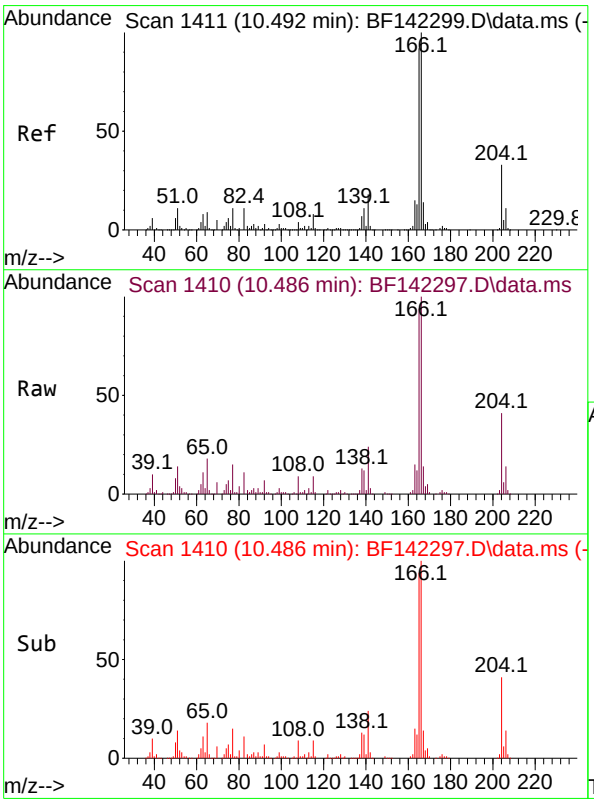
Ion	Ratio	Lower	Upper
165	100		
63	49.3	37.1	55.7
89	74.4	54.4	81.6
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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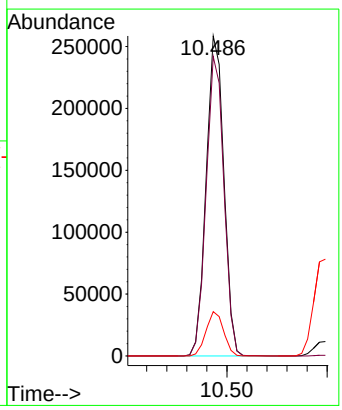
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

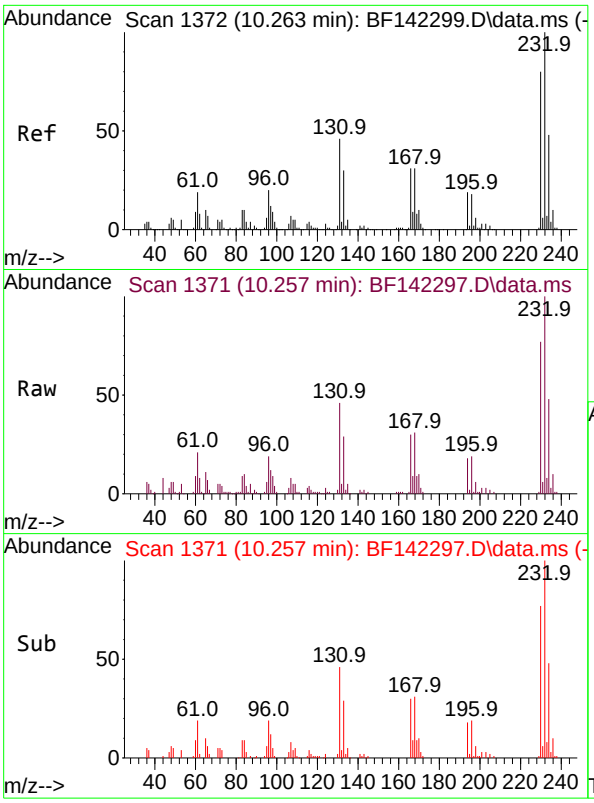


#58
Fluorene
Concen: 10.892 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:166 Resp: 317792

Ion	Ratio	Lower	Upper
166	100		
165	93.6	74.0	111.0
167	13.9	10.9	16.3

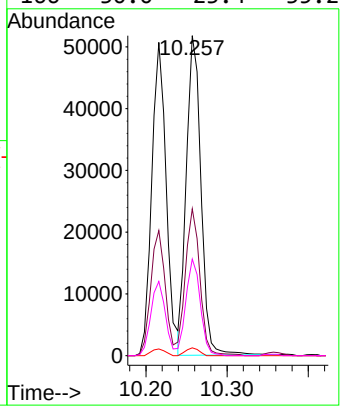




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.316 ng
RT: 10.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:232 Resp: 6510

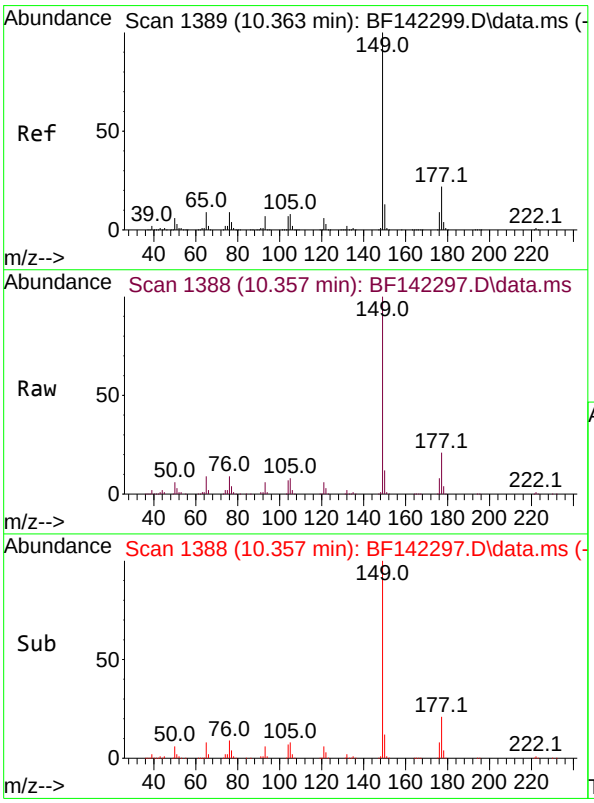
Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.0	54.0
130	2.2	1.8	2.6
166	30.0	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

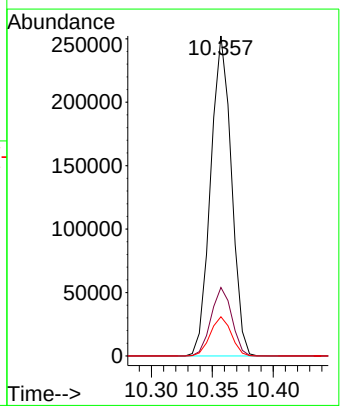
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

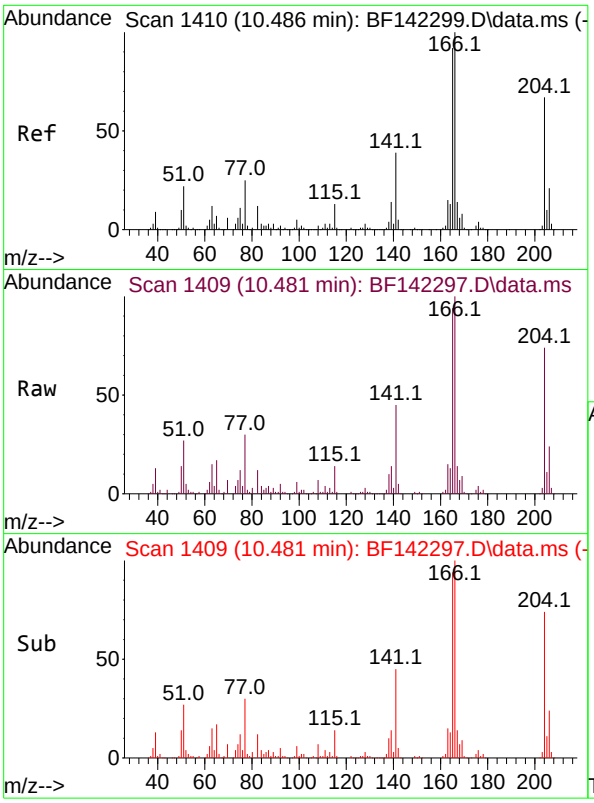


#60
Diethylphthalate
Concen: 10.329 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:149 Resp: 299154

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.6	26.4
150	12.3	10.1	15.1

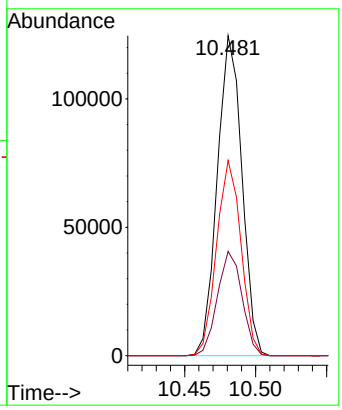




#61
4-Chlorophenyl-phenylether
Concen: 10.683 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:204 Resp: 15037

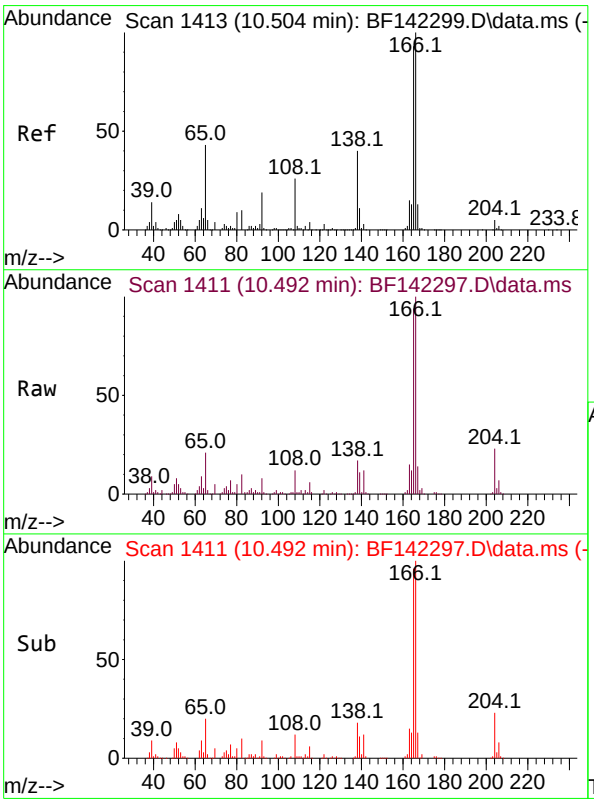
Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.5	38.3
141	61.0	46.4	69.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

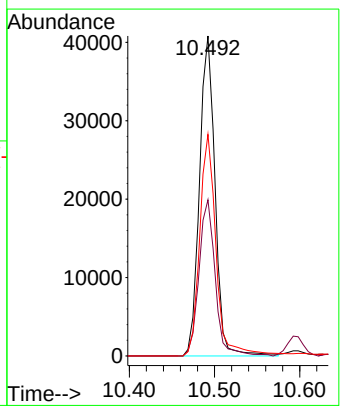
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

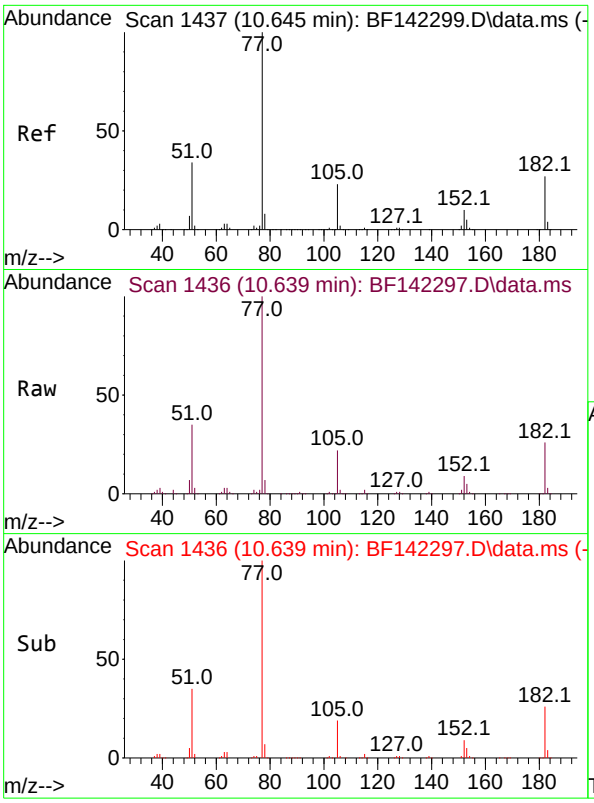


#62
4-Nitroaniline
Concen: 10.274 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:138 Resp: 51843

Ion	Ratio	Lower	Upper
138	100		
92	48.8	27.3	67.3
108	69.2	45.1	85.1

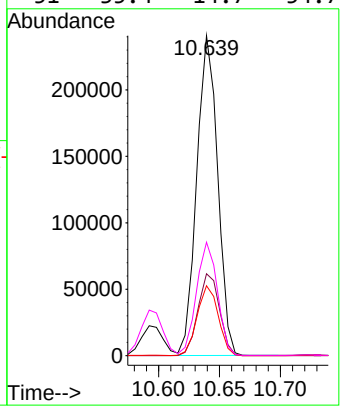




#63
Azobenzene
Concen: 10.372 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 77 Resp: 28706

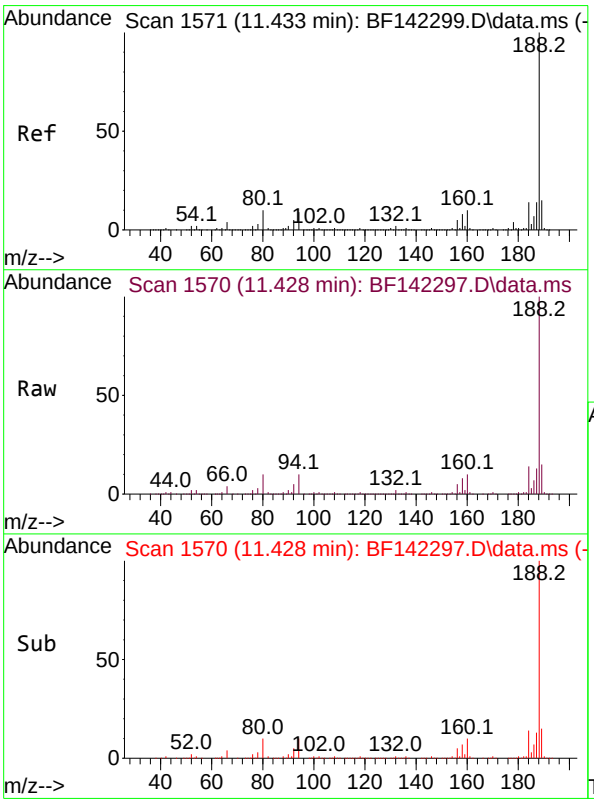
Ion	Ratio	Lower	Upper
77	100		
182	25.6	6.9	46.9
105	21.9	2.7	42.7
51	35.4	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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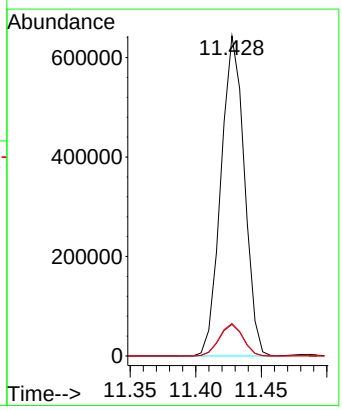
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

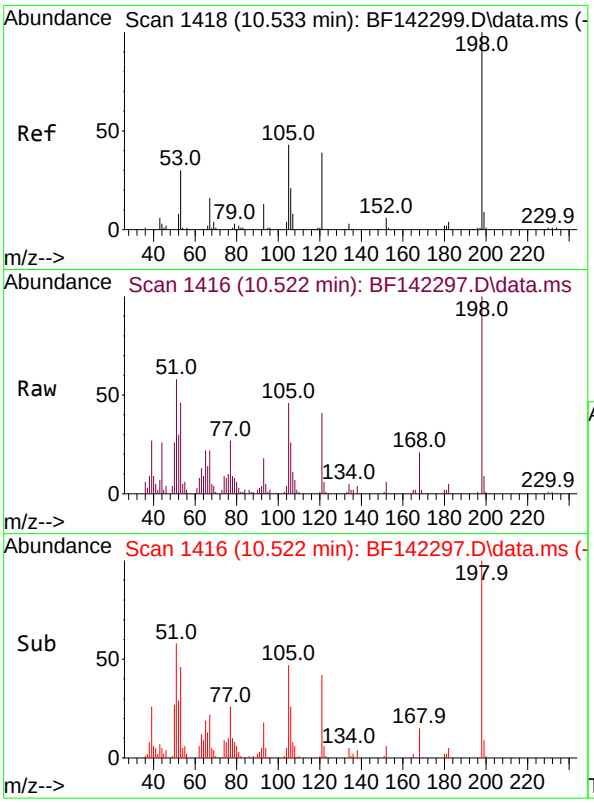


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:188 Resp: 799418

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.5	11.3
80	10.2	7.9	11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 11.925 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.011 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

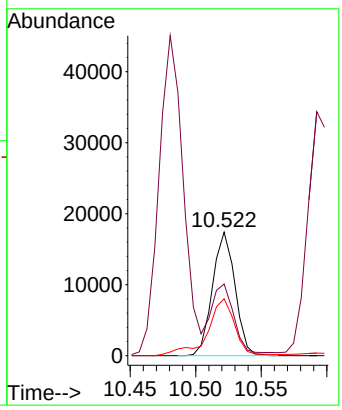
Tgt Ion:198 Resp: 2077

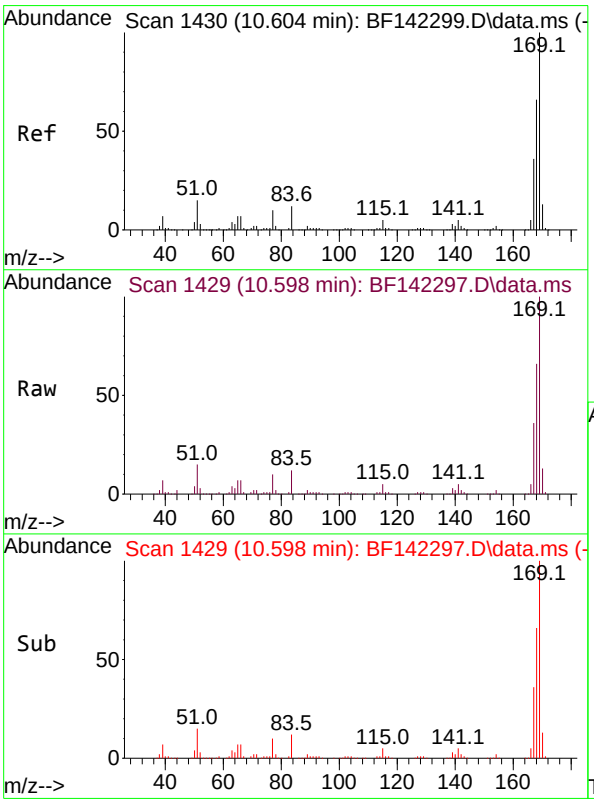
Ion	Ratio	Lower	Upper
198	100		
51	58.1	32.9	72.9
105	46.1	23.7	63.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

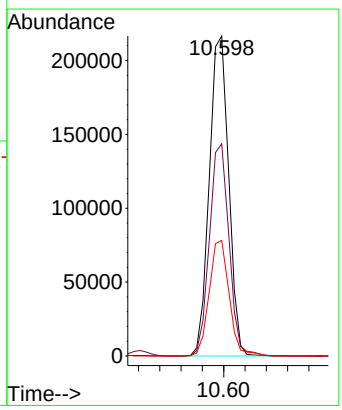


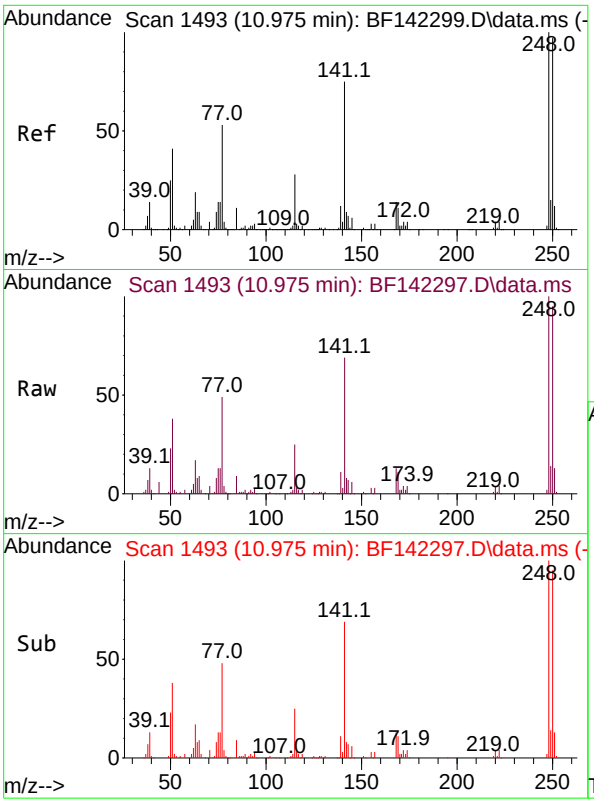


#66
n-Nitrosodiphenylamine
Concen: 10.268 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:169 Resp: 273145

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.2	79.8
167	36.1	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 10.008 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

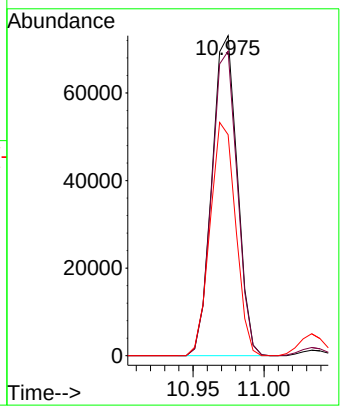
Tgt Ion:248 Resp: 9066

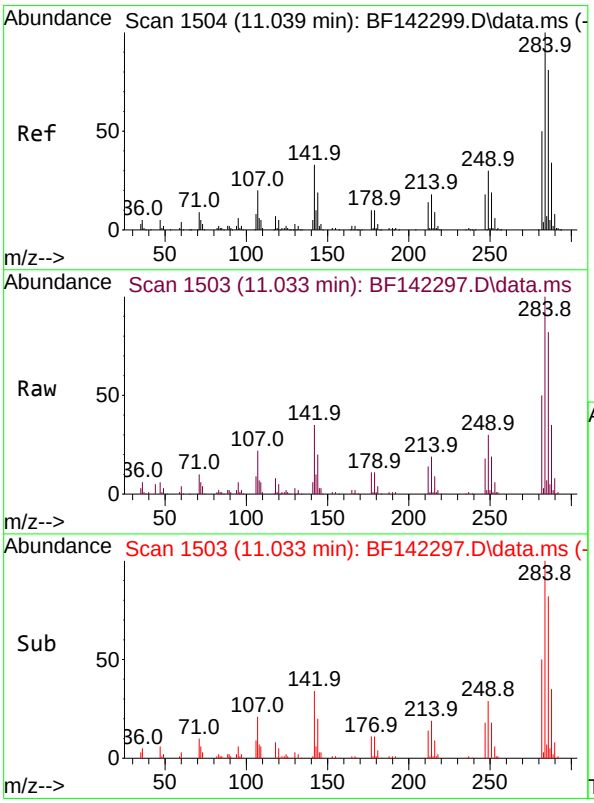
Ion	Ratio	Lower	Upper
248	100		
250	95.2	77.9	116.9
141	69.0	59.8	89.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

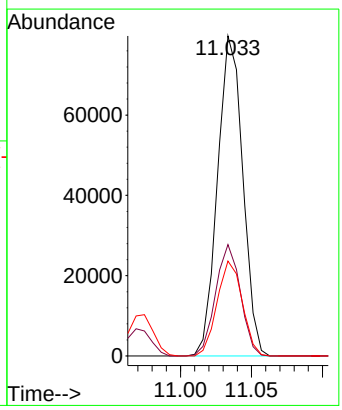


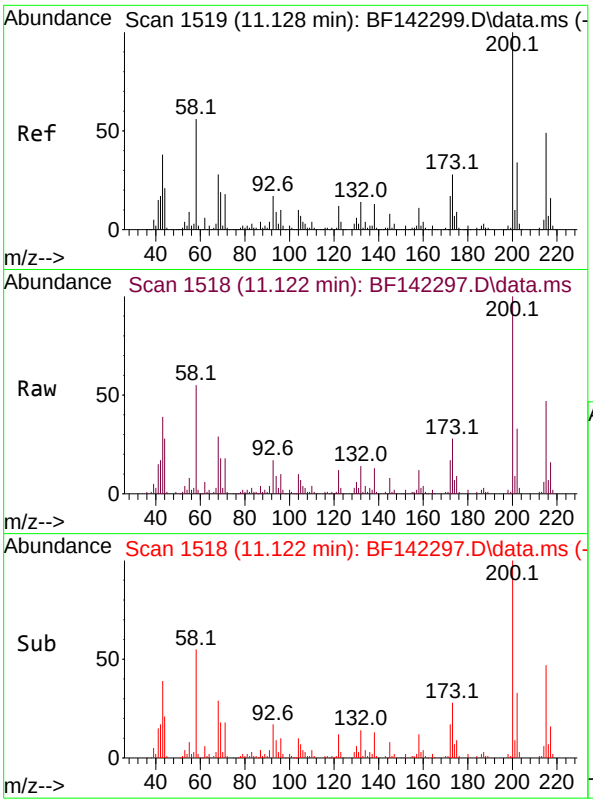


#68
Hexachlorobenzene
Concen: 9.876 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:284 Resp: 98422

Ion	Ratio	Lower	Upper
284	100		
142	34.8	26.6	39.8
249	29.7	24.1	36.1

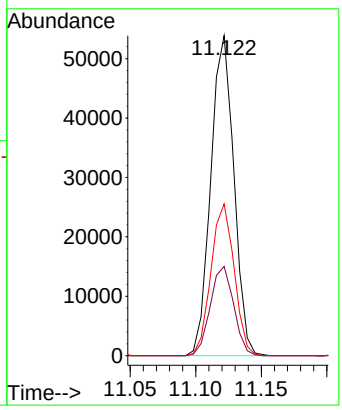




#69
Atrazine
Concen: 9.400 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:200 Resp: 6591

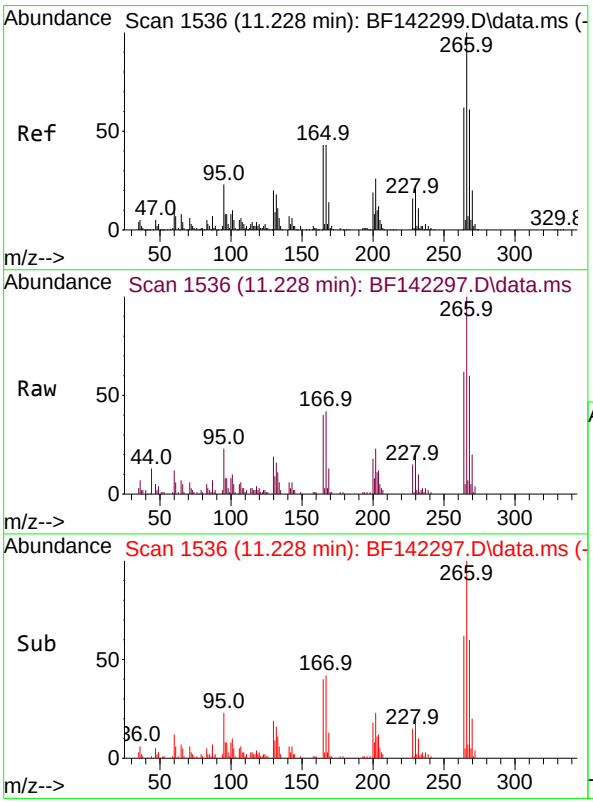
Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.1	48.1
215	47.5	28.8	68.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

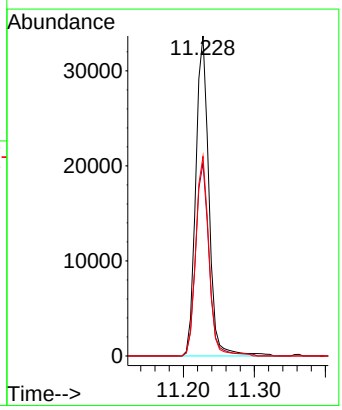
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

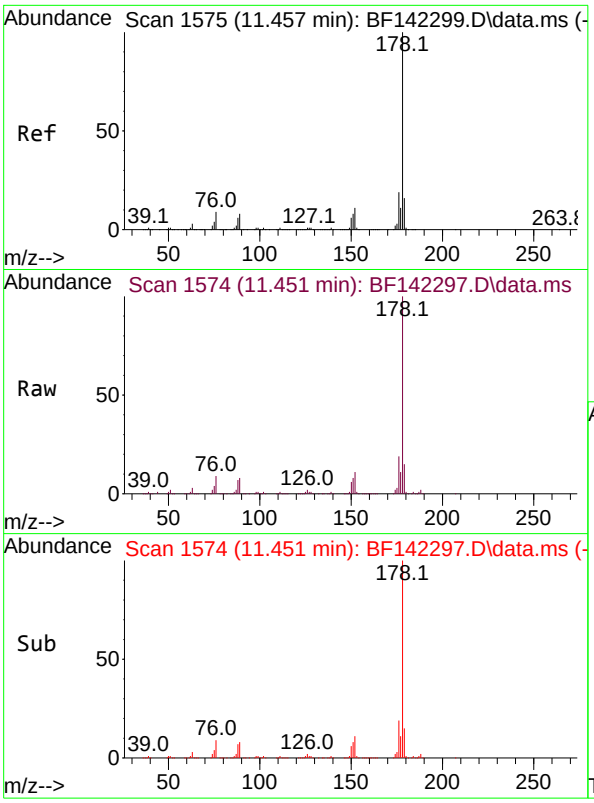


#70
Pentachlorophenol
Concen: 8.302 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:266 Resp: 43524

Ion	Ratio	Lower	Upper
266	100		
268	60.2	48.7	73.1
264	62.3	49.8	74.6

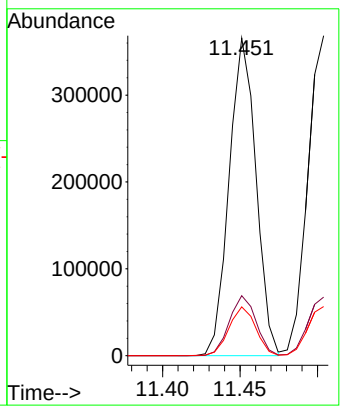




#71
Phenanthrene
Concen: 10.512 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:178 Resp: 44050

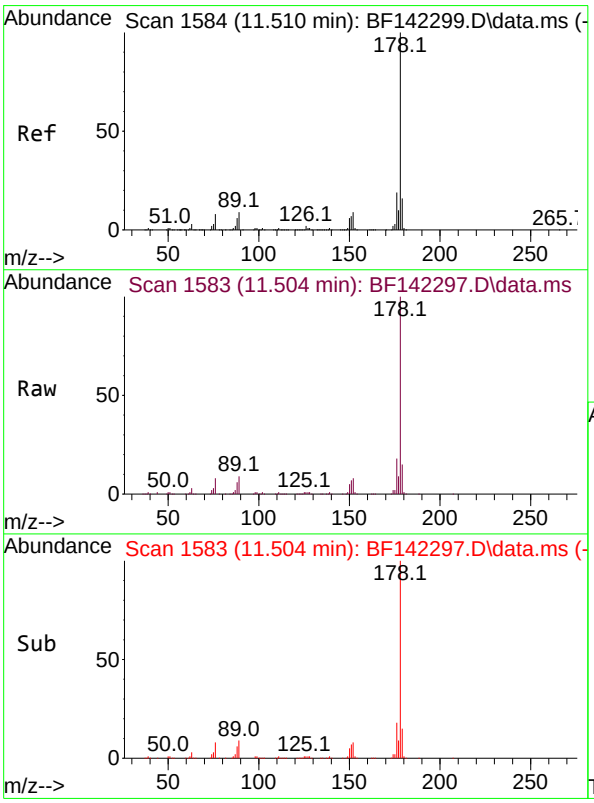
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.4	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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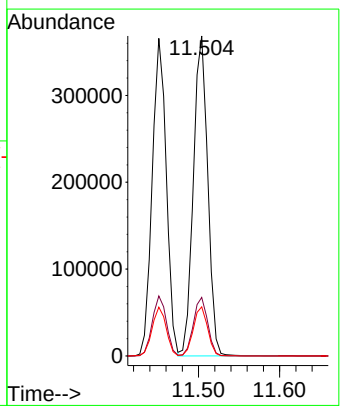
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

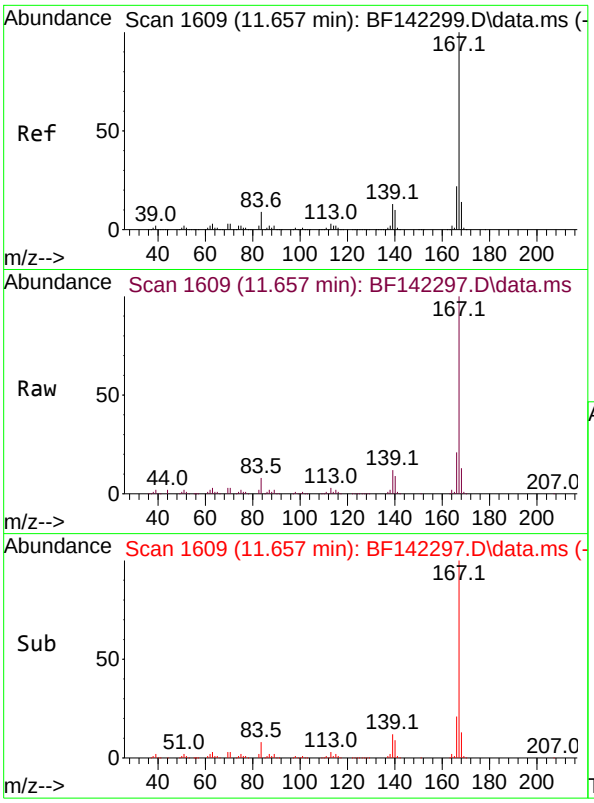


#72
Anthracene
Concen: 10.545 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:178 Resp: 454013

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	15.3	12.6	18.8

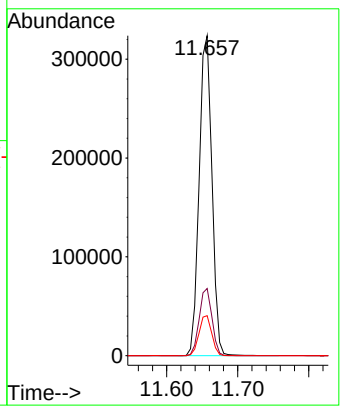




#73
Carbazole
Concen: 10.511 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:167 Resp: 40600

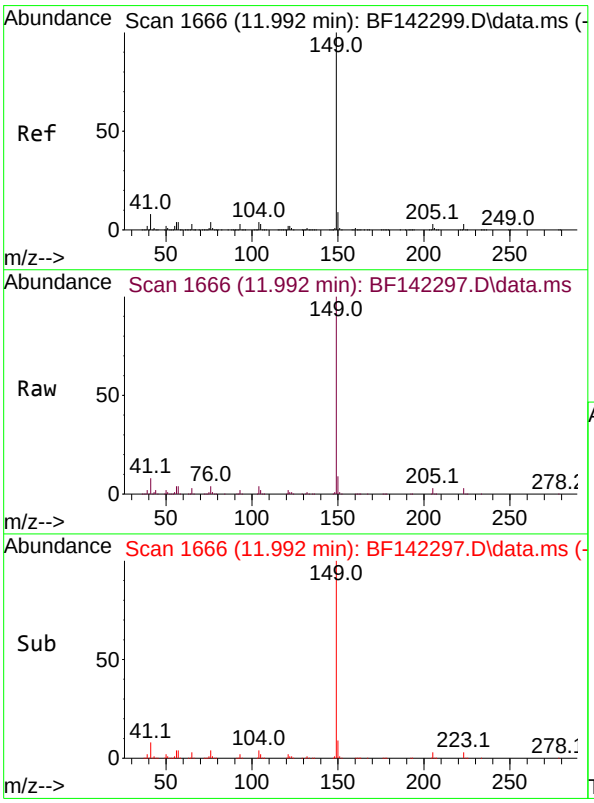
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.5	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

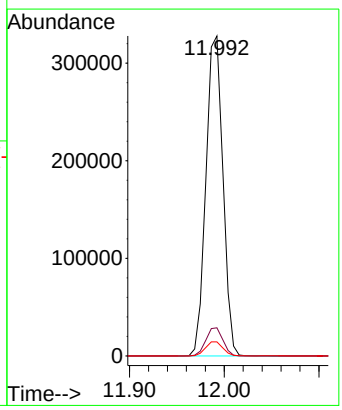
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

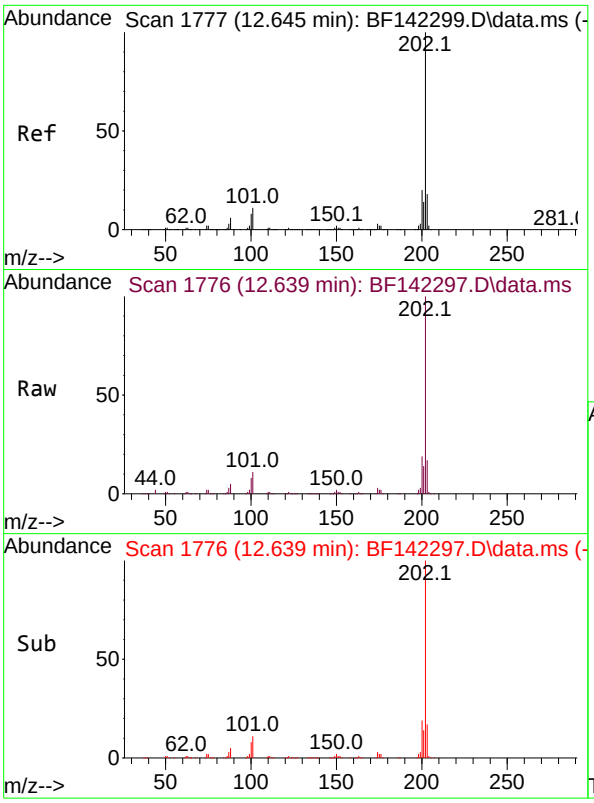


#74
Di-n-butylphthalate
Concen: 10.060 ng
RT: 11.992 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:149 Resp: 408614

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	4.4	3.6	5.4





#75
Fluoranthene
Concen: 11.011 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

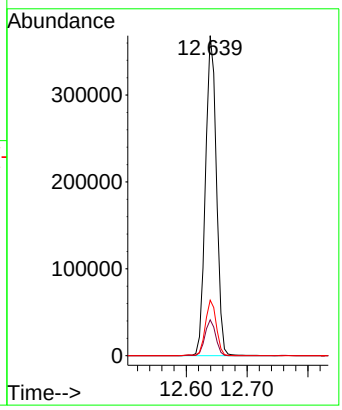
Tgt Ion:202 Resp: 46121

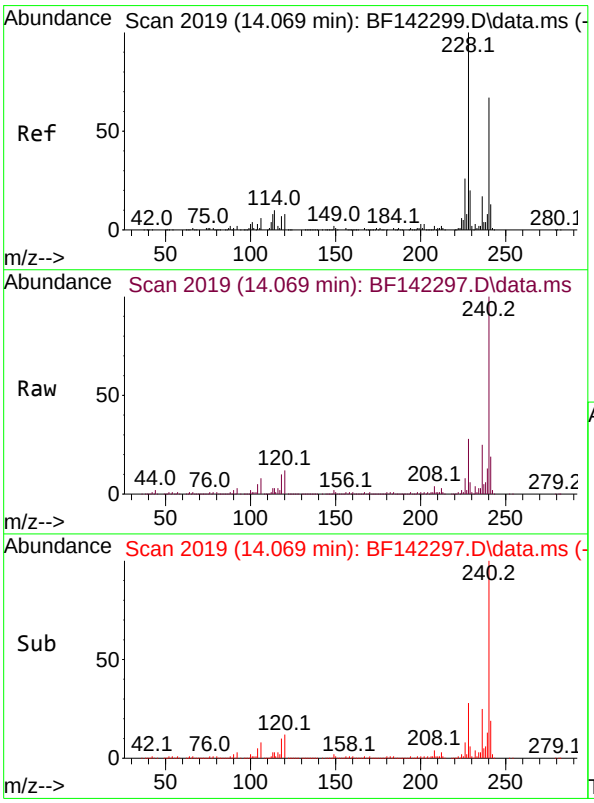
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.4
203	17.4	0.0	37.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

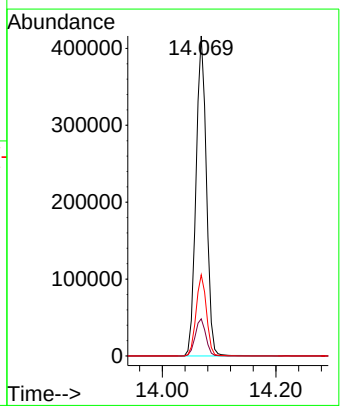


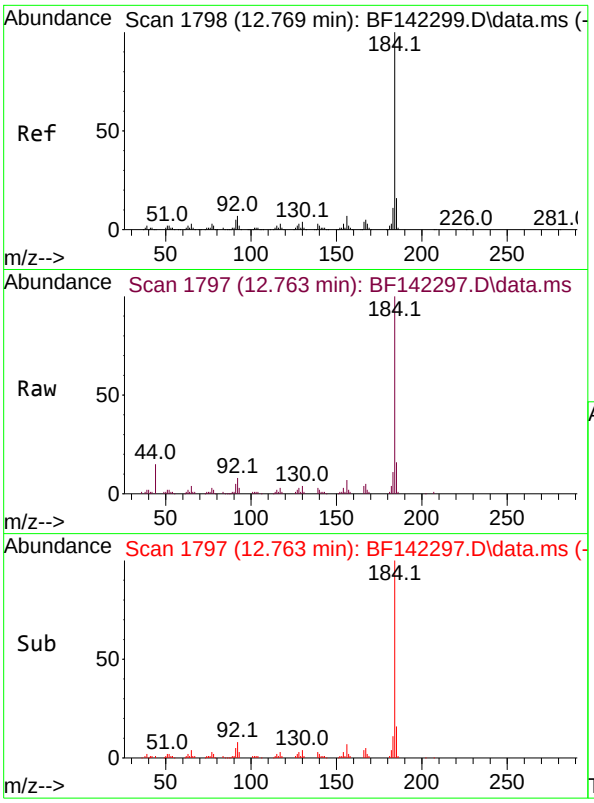


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:240 Resp: 531922

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.7	14.5
236	25.3	20.0	30.0

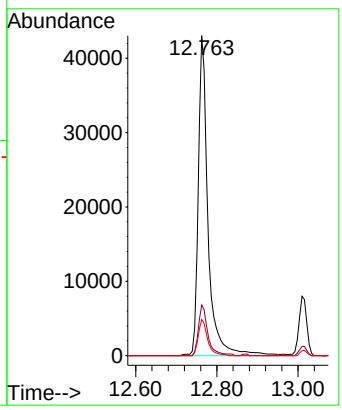




#77
Benzidine
Concen: 7.482 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:184 Resp: 7232

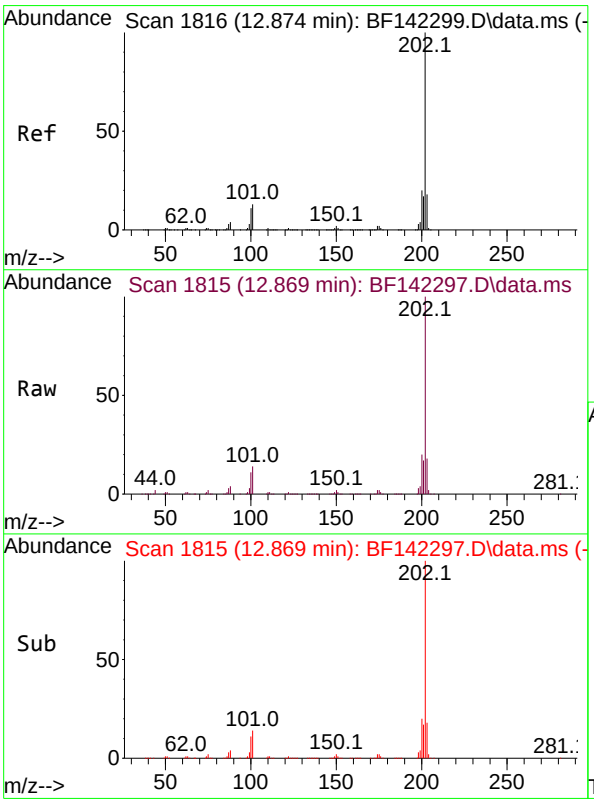
Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.6	18.8
183	11.3	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

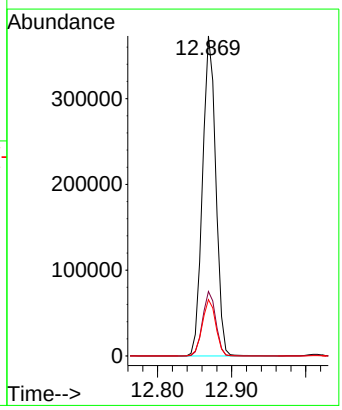
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

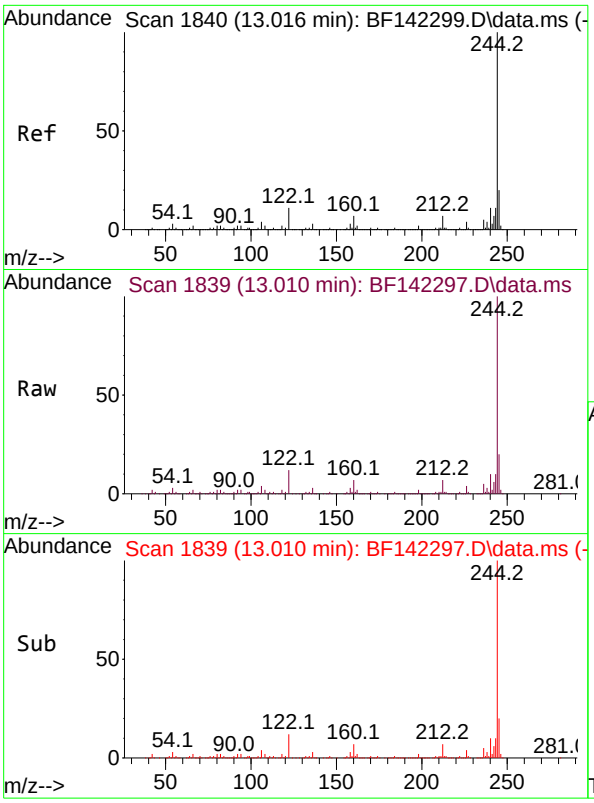


#78
Pyrene
Concen: 9.819 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:202 Resp: 464898

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.4
203	17.6	14.3	21.5

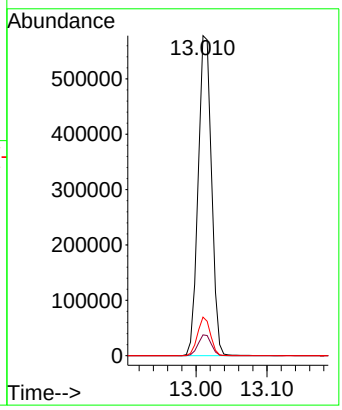




#79
Terphenyl-d14
Concen: 21.070 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:244 Resp: 75721

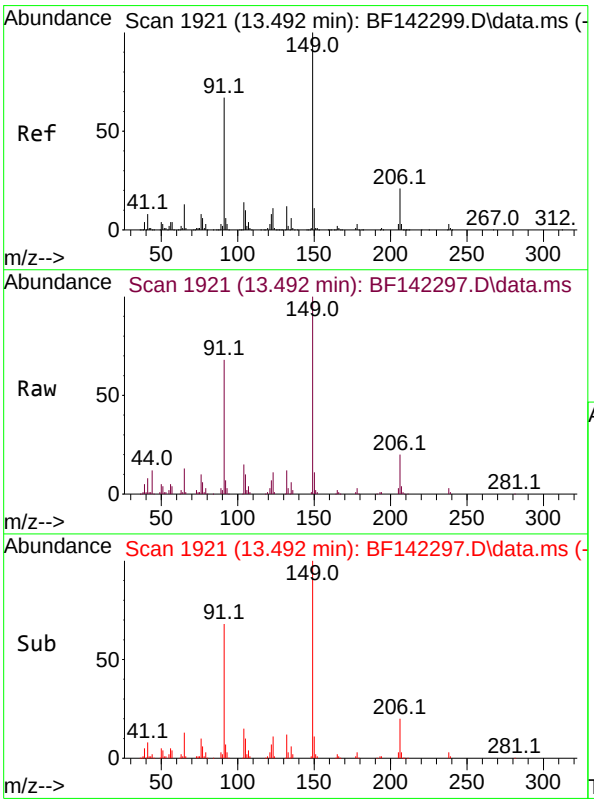
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	12.1	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

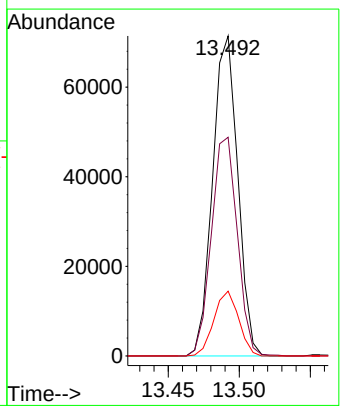
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

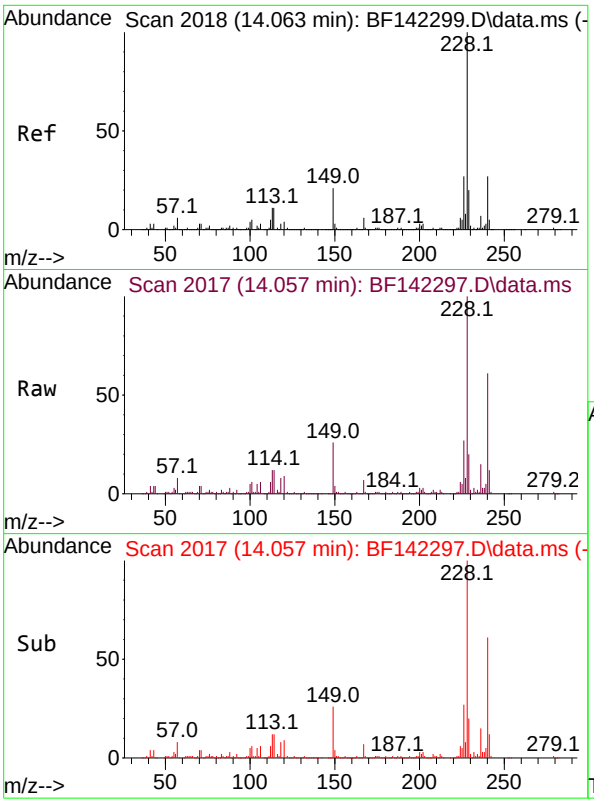


#80
Butylbenzylphthalate
Concen: 9.527 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:149 Resp: 87770

Ion	Ratio	Lower	Upper
149	100		
91	68.4	53.8	80.6
206	20.3	16.6	24.8

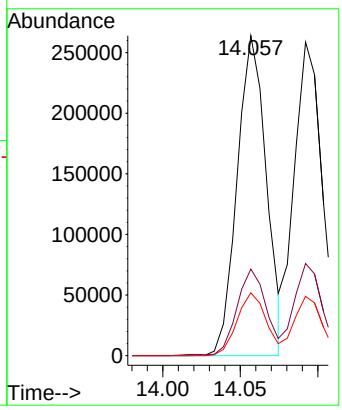




#81
Benzo(a)anthracene
Concen: 10.033 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:228 Resp: 34560

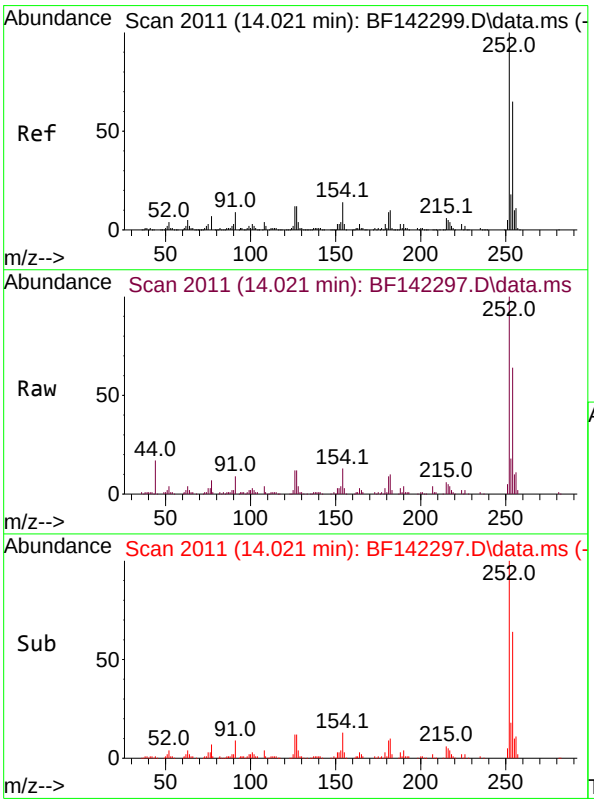
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	19.6	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

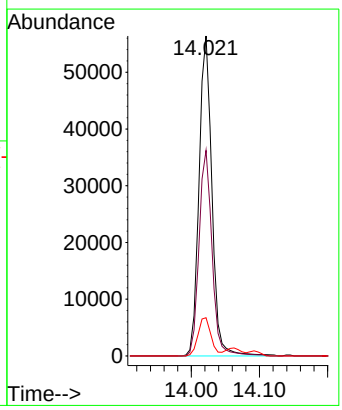
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

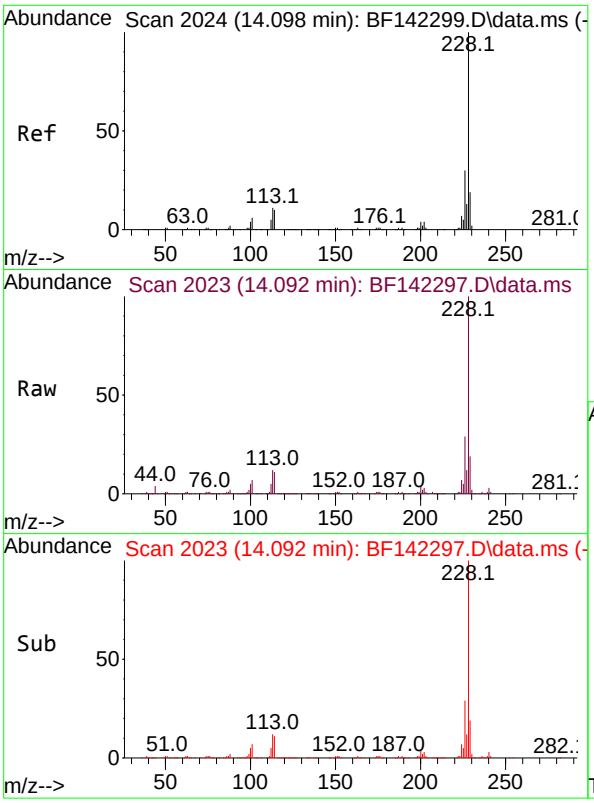


#82
3,3'-Dichlorobenzidine
Concen: 9.267 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:252 Resp: 74238

Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.0	78.0
126	12.0	9.7	14.5

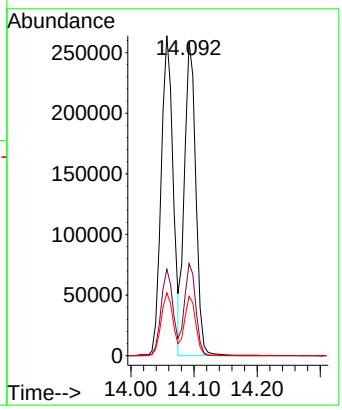




#83
Chrysene
Concen: 10.175 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:228 Resp: 32630(

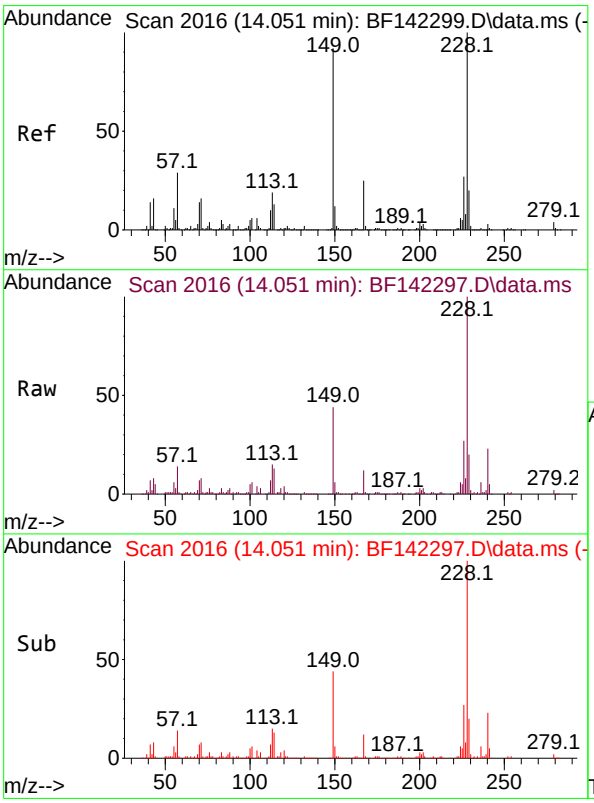
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.9	35.9
229	18.9	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

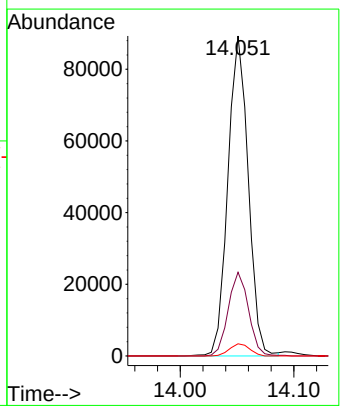
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

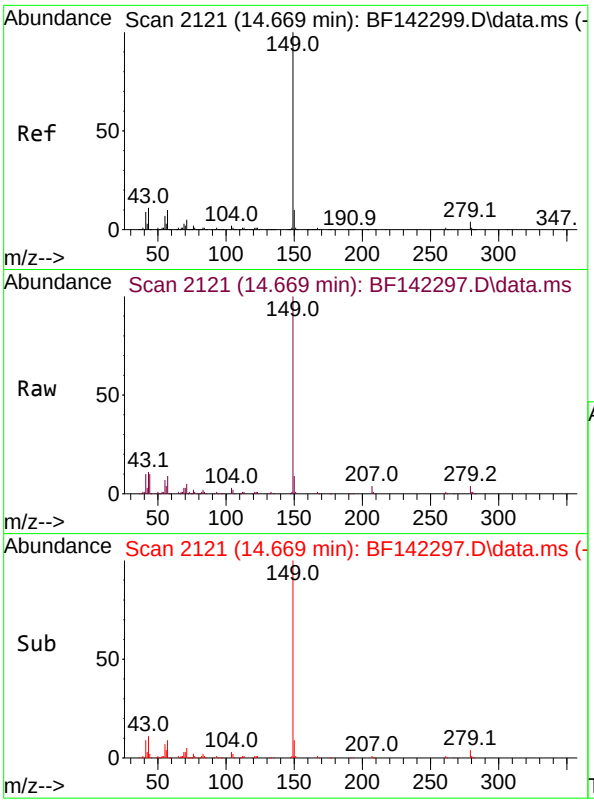


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.863 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:149 Resp: 111032

Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.0	33.0
279	3.8	3.0	4.6

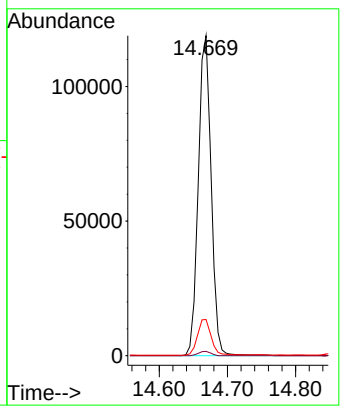




#85
Di-n-octyl phthalate
Concen: 11.860 ng
RT: 14.669 min Scan# 21
Delta R.T. -0.001 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:149 Resp: 15589

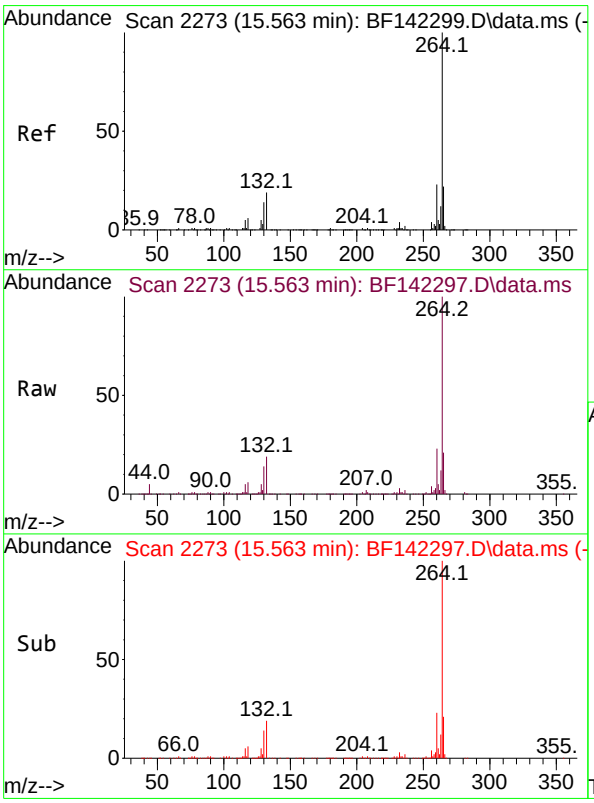
Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.1	1.7
43	11.9	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

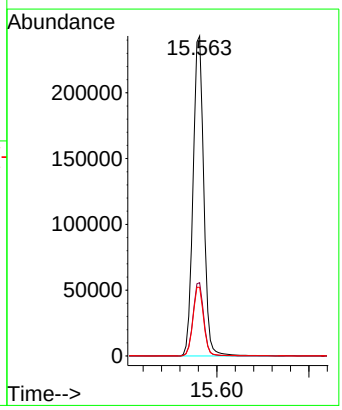
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

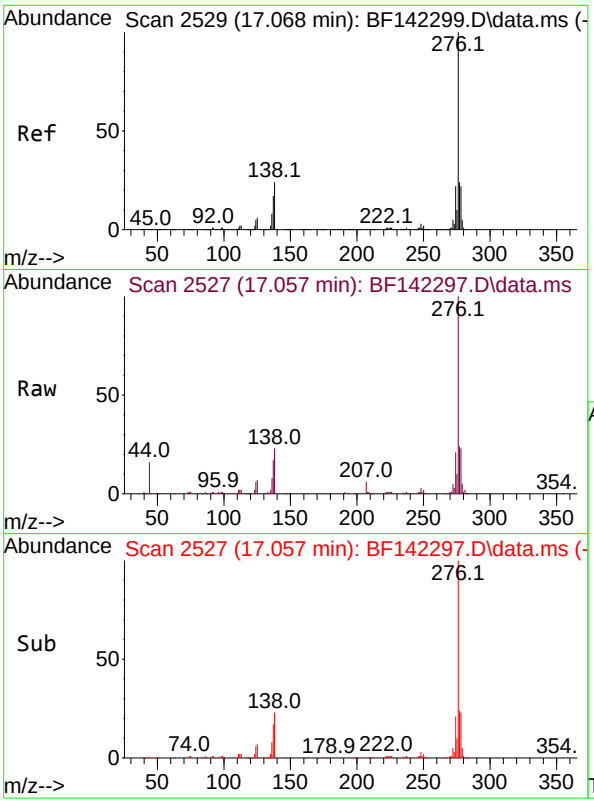


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:264 Resp: 390300

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.5	17.5	26.3

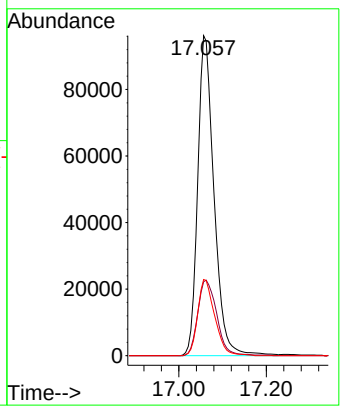




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.211 ng
RT: 17.057 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:276 Resp: 25007

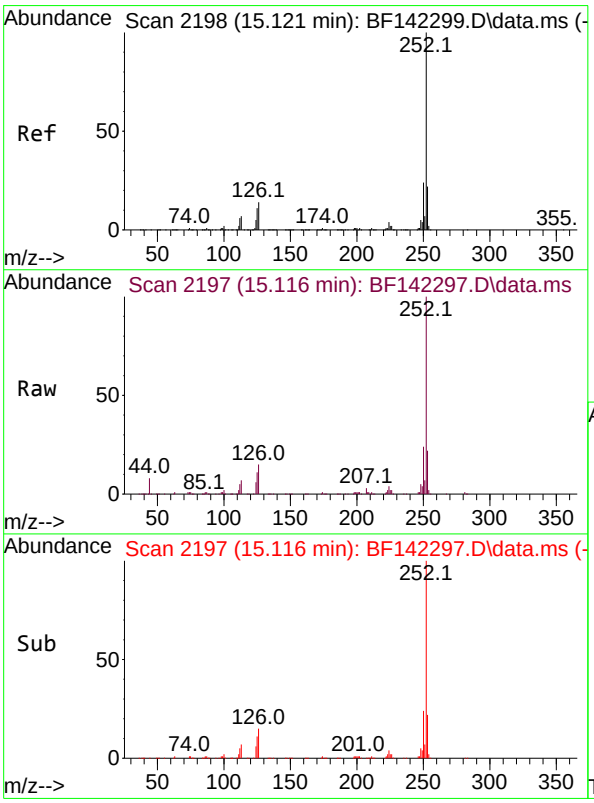
Ion	Ratio	Lower	Upper
276	100		
138	27.4	22.0	33.0
277	24.9	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

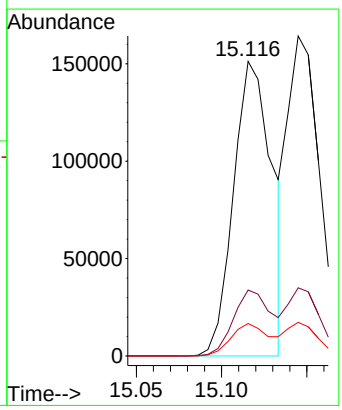
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

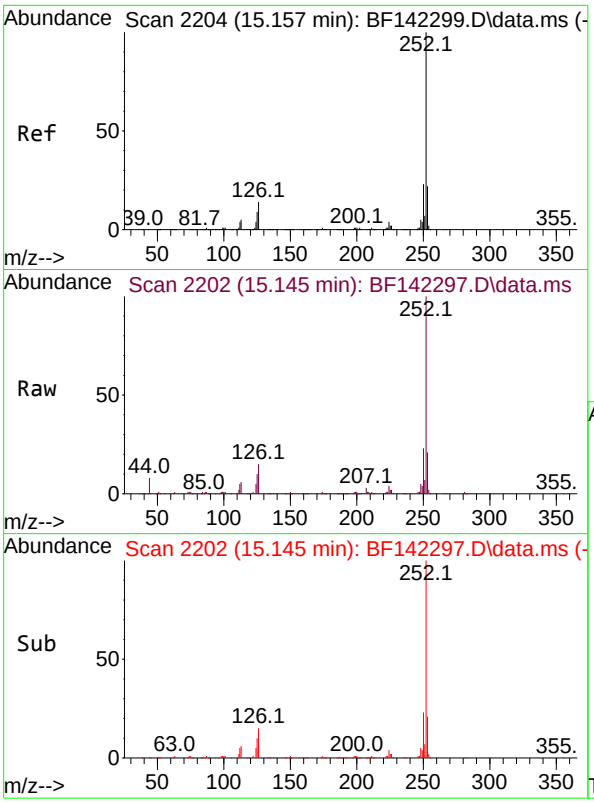


#88
Benzo(b)fluoranthene
Concen: 10.040 ng
RT: 15.116 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:252 Resp: 237339

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	11.0	8.7	13.1

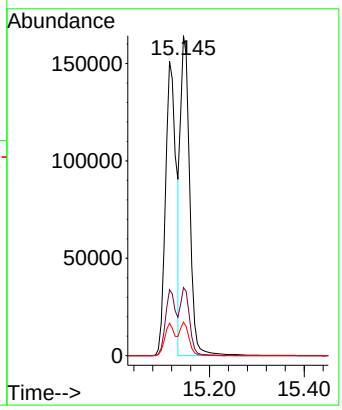




#89
Benzo(k)fluoranthene
Concen: 10.304 ng
RT: 15.145 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:252 Resp: 22289

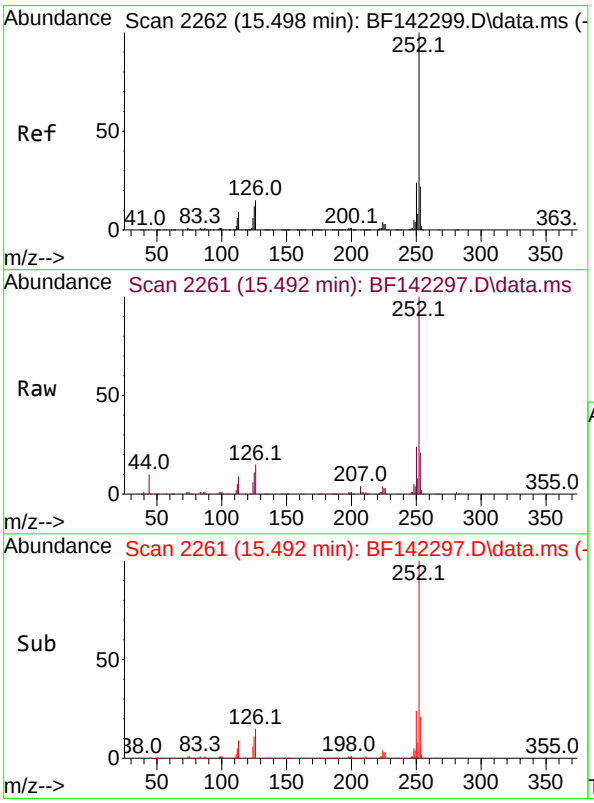
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	10.5	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

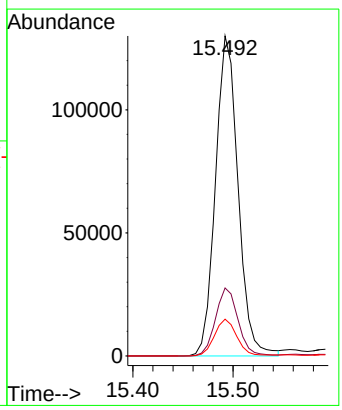
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

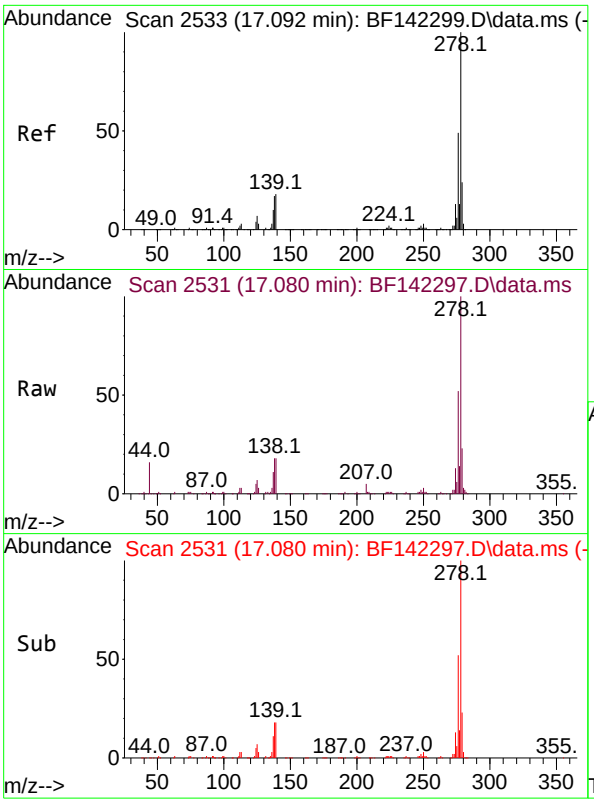


#90
Benzo(a)pyrene
Concen: 9.596 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:252 Resp: 203272

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	11.5	9.4	14.0

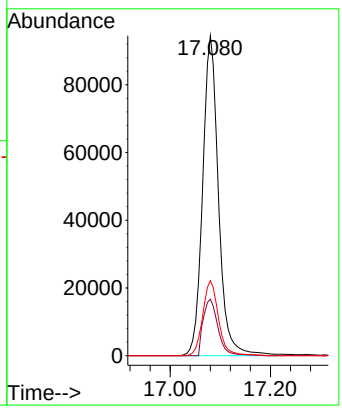




#91
Dibenzo(a,h)anthracene
Concen: 9.272 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:278 Resp: 20796

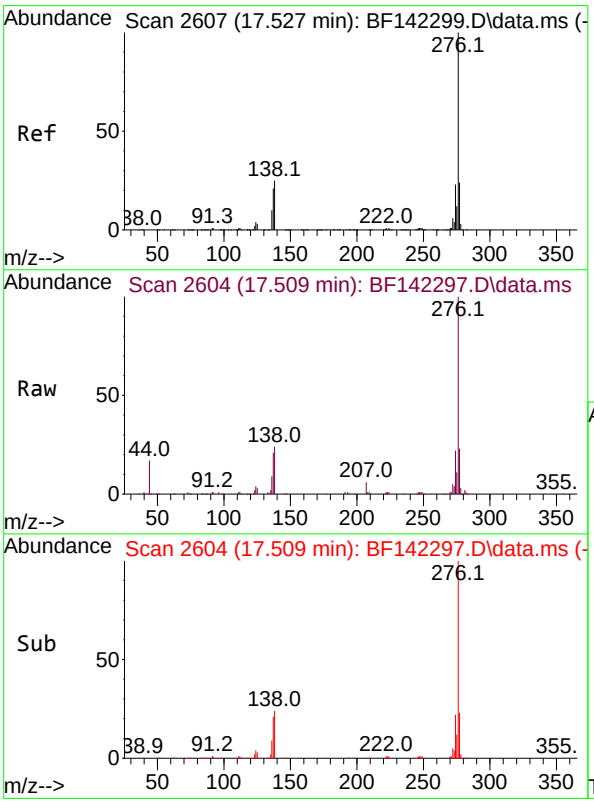
Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.5	21.7
279	23.4	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

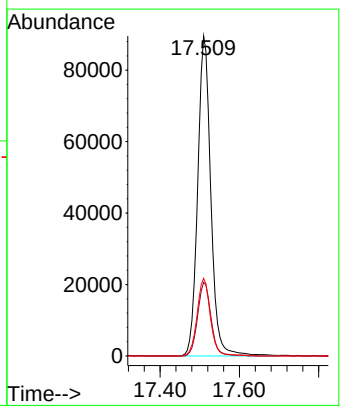
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#92
Benzo(g,h,i)perylene
Concen: 9.256 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.018 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:276 Resp: 206052

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.6
138	24.3	19.8	29.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142298.D
Acq On : 05 May 2025 15:21
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 17:58:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	216286	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	842039	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	449427	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	788283	20.000	ng	0.00
76) Chrysene-d12	14.069	240	473278	20.000	ng	0.00
86) Perylene-d12	15.563	264	392077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	524001	41.358	ng	0.00
7) Phenol-d6	6.516	99	644227	41.341	ng	0.00
23) Nitrobenzene-d5	7.463	82	565303	40.944	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	178075	41.039	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1377117	43.691	ng	0.00
79) Terphenyl-d14	13.016	244	1382069	43.222	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	115676	20.274	ng	99
3) Pyridine	3.452	79	261665	19.504	ng	99
4) n-Nitrosodimethylamine	3.393	42	157578	20.240	ng	96
6) Aniline	6.563	93	339232	22.194	ng	100
8) 2-Chlorophenol	6.687	128	273145	20.174	ng	99
9) Benzaldehyde	6.451	77	195344	21.418	ng	98
10) Phenol	6.534	94	342565	20.739	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	326537	20.046	ng	99
12) 1,3-Dichlorobenzene	6.845	146	317103	20.472	ng	99
13) 1,4-Dichlorobenzene	6.922	146	321447	20.669	ng	99
14) 1,2-Dichlorobenzene	7.075	146	306024	20.500	ng	99
15) Benzyl Alcohol	7.040	79	201768	19.996	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	502839	20.672	ng	100
17) 2-Methylphenol	7.145	107	221049	20.166	ng	98
18) Hexachloroethane	7.422	117	105630	20.413	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	198554	20.599	ng	99
20) 3+4-Methylphenols	7.298	107	285863	20.896	ng	96
22) Acetophenone	7.310	105	390755	20.871	ng	99
24) Nitrobenzene	7.481	77	266464	20.474	ng	99
25) Isophorone	7.722	82	530519	20.291	ng	100
26) 2-Nitrophenol	7.798	139	101497	18.889	ng	97
27) 2,4-Dimethylphenol	7.828	122	270038	20.543	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	351686	20.919	ng	99
29) 2,4-Dichlorophenol	8.040	162	233840	20.924	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	260029	20.674	ng	99
31) Naphthalene	8.210	128	865551	21.209	ng	99
32) Benzoic acid	7.910	122	98814m	19.691	ng	
33) 4-Chloroaniline	8.257	127	335192m	20.165	ng	
34) Hexachlorobutadiene	8.328	225	152292	20.449	ng	99
35) Caprolactam	8.604	113	65889	20.272	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	238603	20.539	ng	99
37) 2-Methylnaphthalene	8.898	142	534930	21.095	ng	100
38) 1-Methylnaphthalene	8.998	142	559888	21.183	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	263169	20.966	ng	99
41) Hexachlorocyclopentadiene	9.051	237	156699	20.200	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	161721	20.426	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142298.D
Acq On : 05 May 2025 15:21
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: May 05 17:58:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	175468	20.829	ng		99
46) 1,1'-Biphenyl	9.363	154	735501	21.344	ng		98
47) 2-Chloronaphthalene	9.386	162	536203	20.924	ng		100
48) 2-Nitroaniline	9.481	65	131275	19.985	ng		99
49) Acenaphthylene	9.804	152	902949	21.063	ng		99
50) Dimethylphthalate	9.657	163	604026	20.930	ng		99
51) 2,6-Dinitrotoluene	9.722	165	108919	20.163	ng		98
52) Acenaphthene	9.975	154	539391	20.925	ng		99
53) 3-Nitroaniline	9.886	138	129439	20.431	ng		98
54) 2,4-Dinitrophenol	9.986	184	37439	19.641	ng	#	1
55) Dibenzofuran	10.145	168	809325	21.274	ng		100
56) 4-Nitrophenol	10.034	139	94419	19.802	ng		98
57) 2,4-Dinitrotoluene	10.122	165	136138	19.647	ng		98
58) Fluorene	10.492	166	617592	21.273	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	143706	20.664	ng		99
60) Diethylphthalate	10.357	149	609078	21.134	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	295765	21.116	ng		97
62) 4-Nitroaniline	10.498	138	111613	22.228	ng		98
63) Azobenzene	10.639	77	577345	20.964	ng		98
65) 4,6-Dinitro-2-methylph...	10.528	198	53454	19.555	ng		98
66) n-Nitrosodiphenylamine	10.598	169	545886	20.811	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	182781	20.459	ng		98
68) Hexachlorobenzene	11.039	284	199561	20.307	ng		97
69) Atrazine	11.122	200	138860	20.082	ng		99
70) Pentachlorophenol	11.228	266	102593	19.845	ng		97
71) Phenanthrene	11.451	178	871138	21.083	ng		99
72) Anthracene	11.504	178	893968	21.056	ng		99
73) Carbazole	11.657	167	807082	21.189	ng		99
74) Di-n-butylphthalate	11.992	149	852839	21.293	ng		99
75) Fluoranthene	12.639	202	888973	21.523	ng		99
77) Benzidine	12.763	184	181563	21.110	ng		99
78) Pyrene	12.869	202	900375	21.373	ng		99
80) Butylbenzylphthalate	13.492	149	207602	19.258	ng		99
81) Benzo(a)anthracene	14.057	228	623286	20.336	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	149520	20.978	ng		98
83) Chrysene	14.092	228	589961	20.676	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	263391	19.237	ng		98
85) Di-n-octyl phthalate	14.668	149	405073	19.581	ng		99
87) Indeno(1,2,3-cd)pyrene	17.062	276	556960	20.421	ng		99
88) Benzo(b)fluoranthene	15.116	252	481134	20.261	ng		100
89) Benzo(k)fluoranthene	15.151	252	456264	20.996	ng		100
90) Benzo(a)pyrene	15.492	252	432151	20.308	ng		100
91) Dibenzo(a,h)anthracene	17.086	278	468301	20.783	ng		99
92) Benzo(g,h,i)perylene	17.515	276	460655	20.598	ng		99

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

ICAL Form

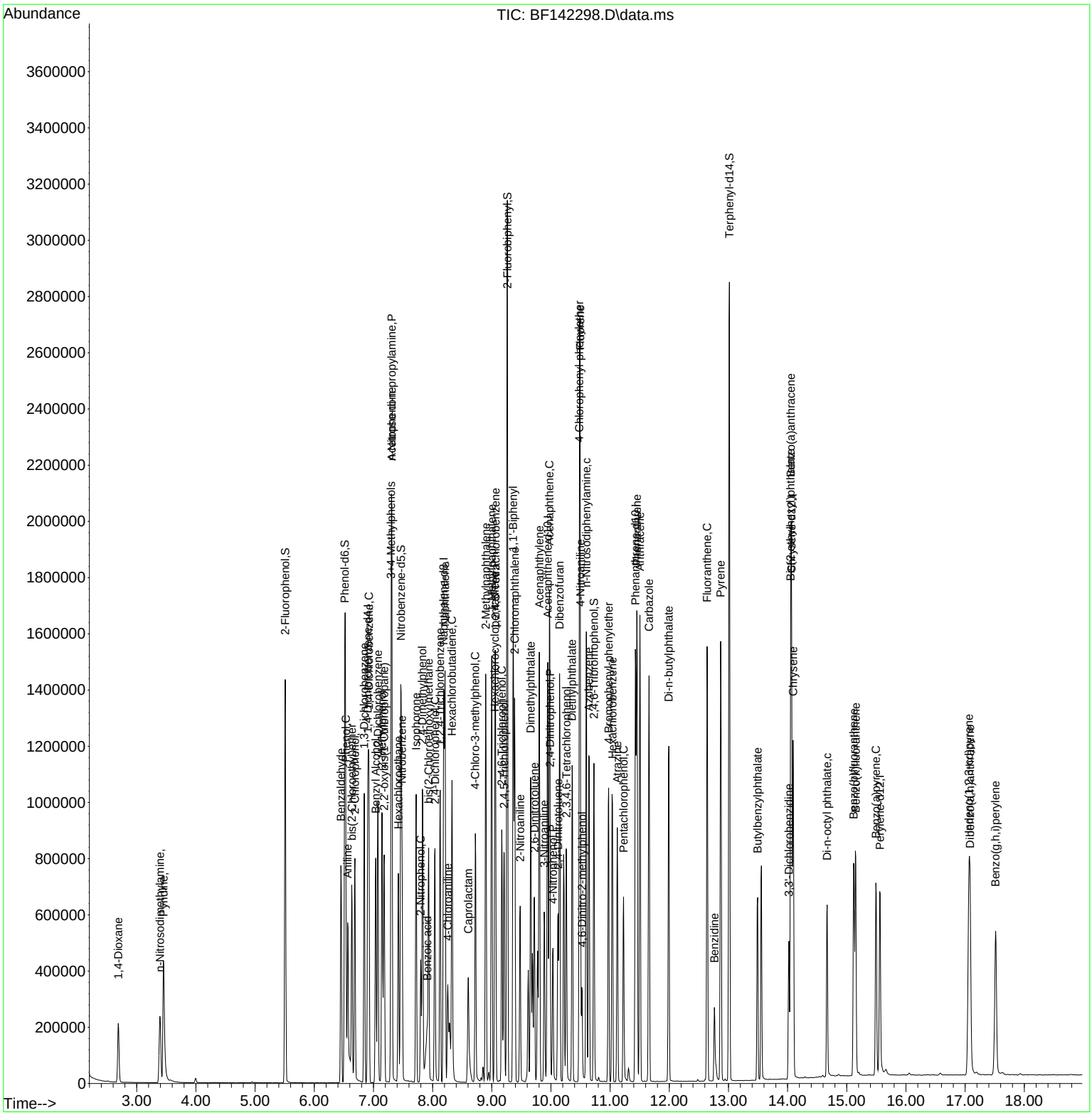
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Data File : BF142298.D
Acq On : 05 May 2025 15:21
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

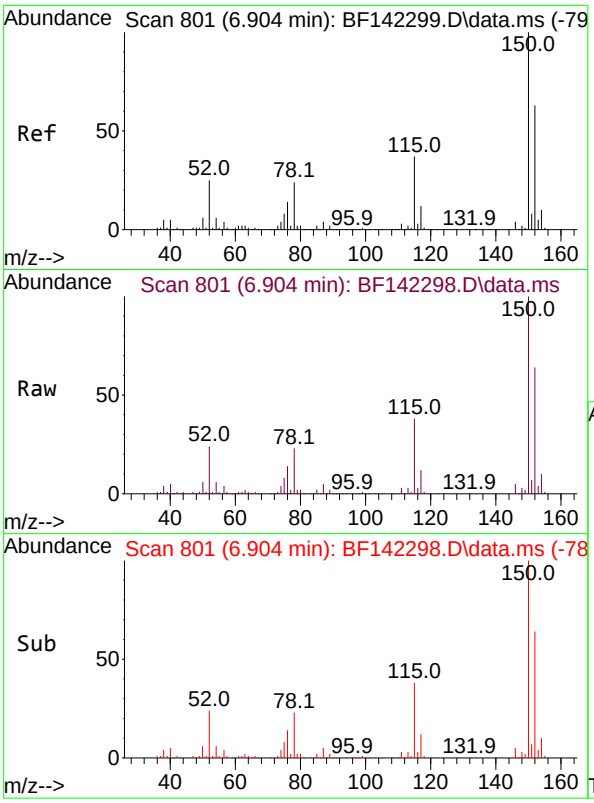
Quant Time: May 05 17:58:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

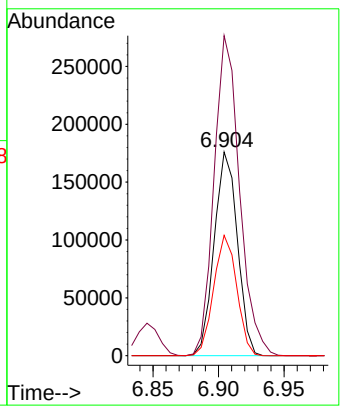




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:152 Resp: 21628(

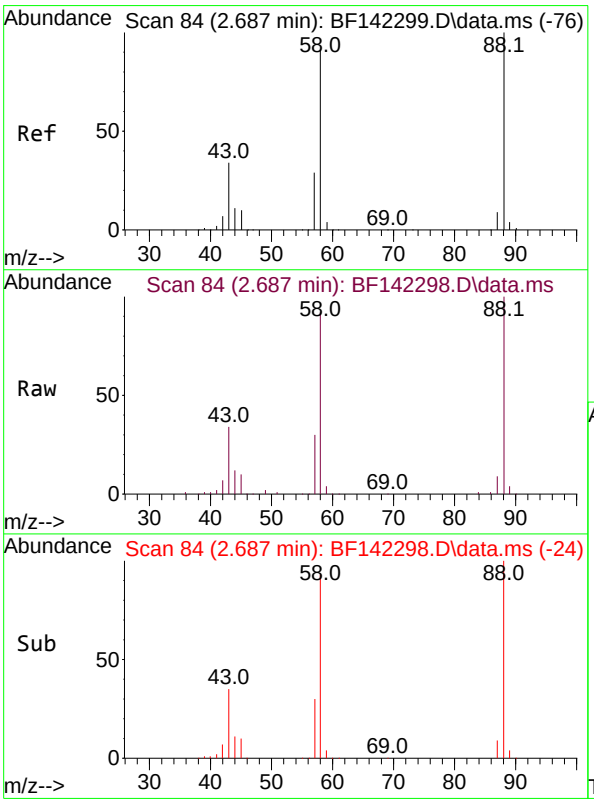
Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.6	190.0
115	59.1	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

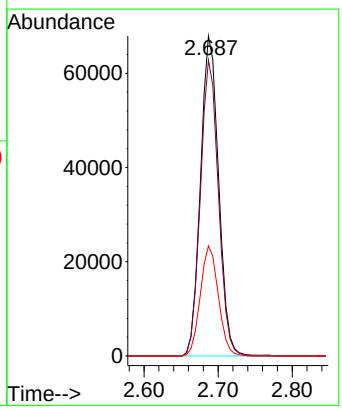
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

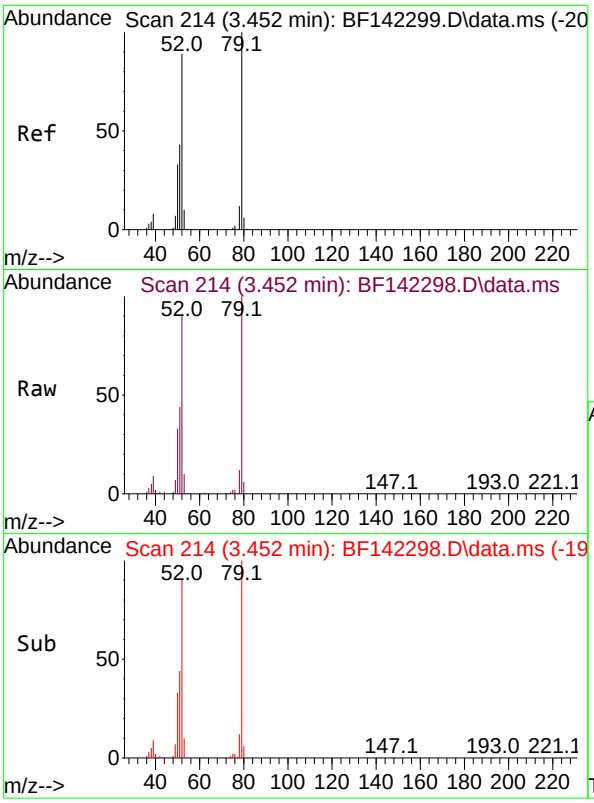


#2
1,4-Dioxane
Concen: 20.274 ng
RT: 2.687 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 88 Resp: 115676

Ion	Ratio	Lower	Upper
88	100		
58	91.5	73.0	109.4
43	34.2	27.8	41.6

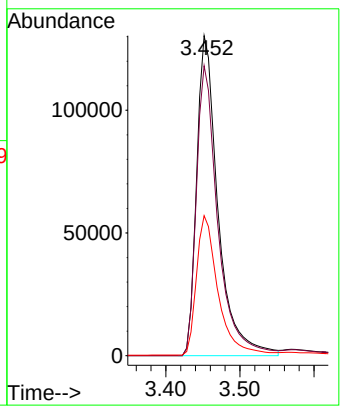




#3
Pyridine
Concen: 19.504 ng
RT: 3.452 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 79 Resp: 26166

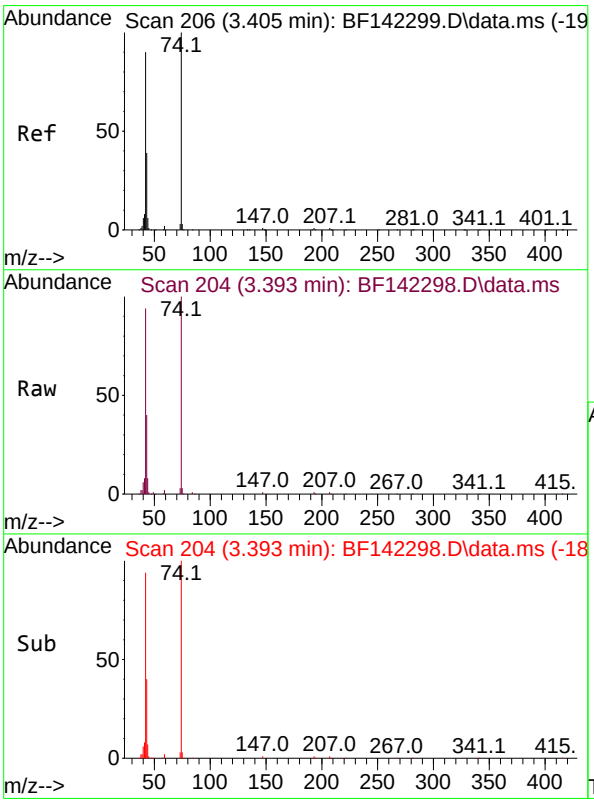
Ion	Ratio	Lower	Upper
79	100		
52	90.6	71.0	106.4
51	43.7	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

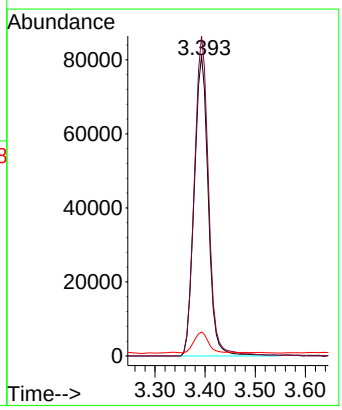
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

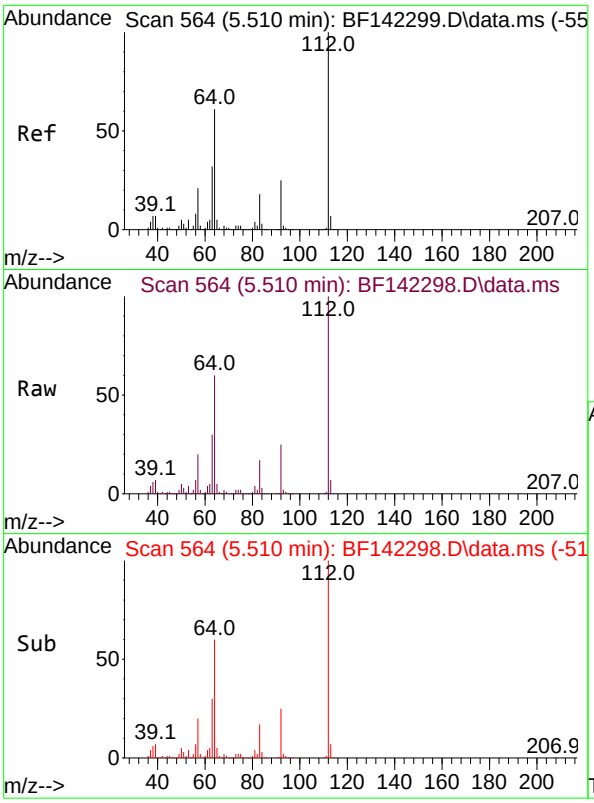


#4
n-Nitrosodimethylamine
Concen: 20.240 ng
RT: 3.393 min Scan# 204
Delta R.T. -0.012 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 42 Resp: 157578

Ion	Ratio	Lower	Upper
42	100		
74	106.6	88.5	132.7
44	8.0	5.8	8.8





#5
2-Fluorophenol
Concen: 41.358 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

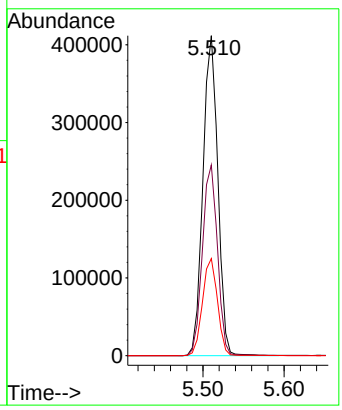
Tgt Ion:112 Resp: 52400

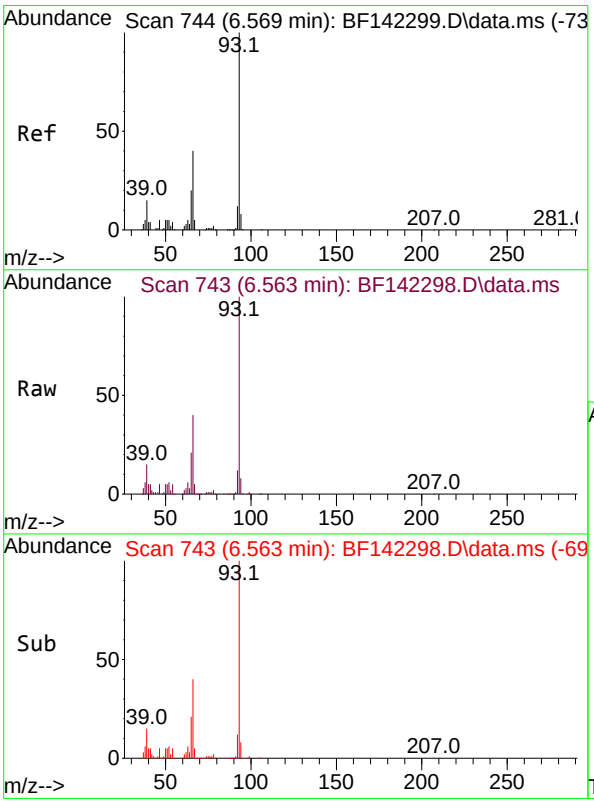
Ion	Ratio	Lower	Upper
112	100		
64	59.6	48.9	73.3
63	30.4	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

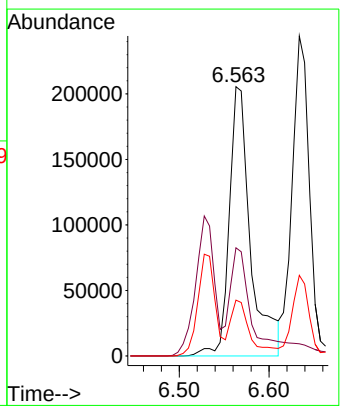


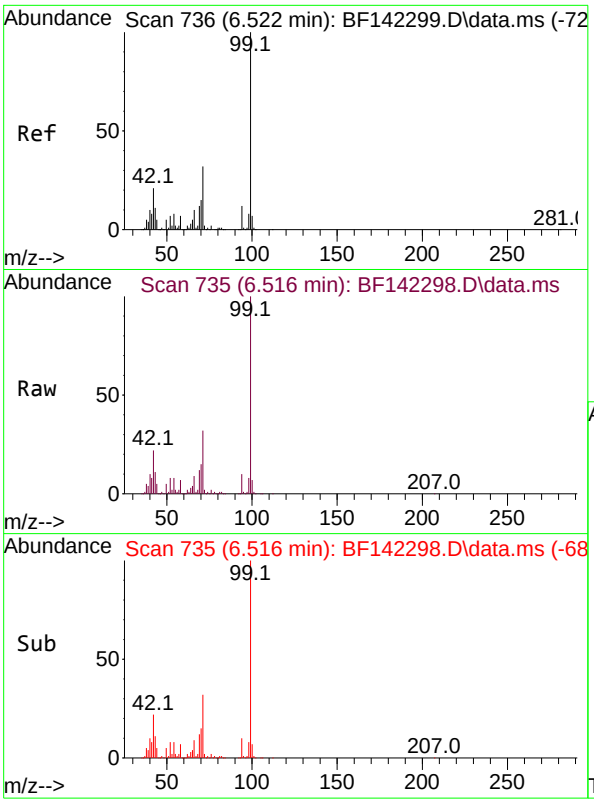


#6
Aniline
Concen: 22.194 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 93 Resp: 339232

Ion	Ratio	Lower	Upper
93	100		
66	40.2	32.2	48.4
65	20.8	16.3	24.5

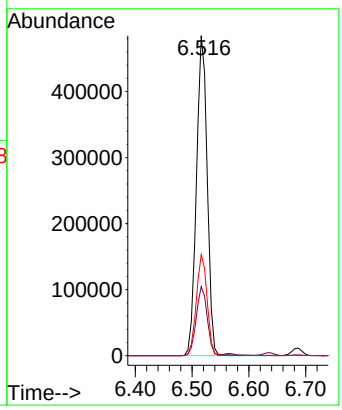




#7
Phenol-d6
Concen: 41.341 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 99 Resp: 64422

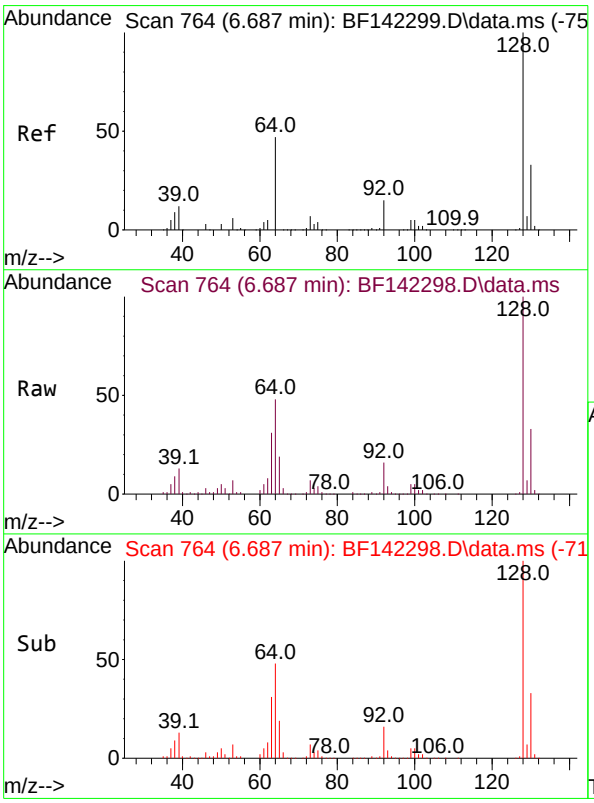
Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.0	25.4
71	31.6	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

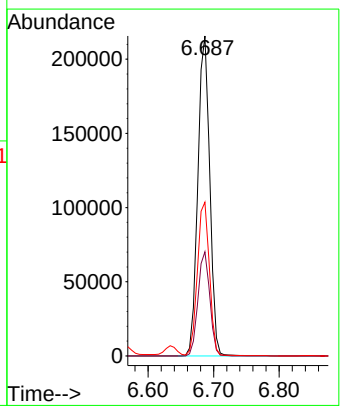
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

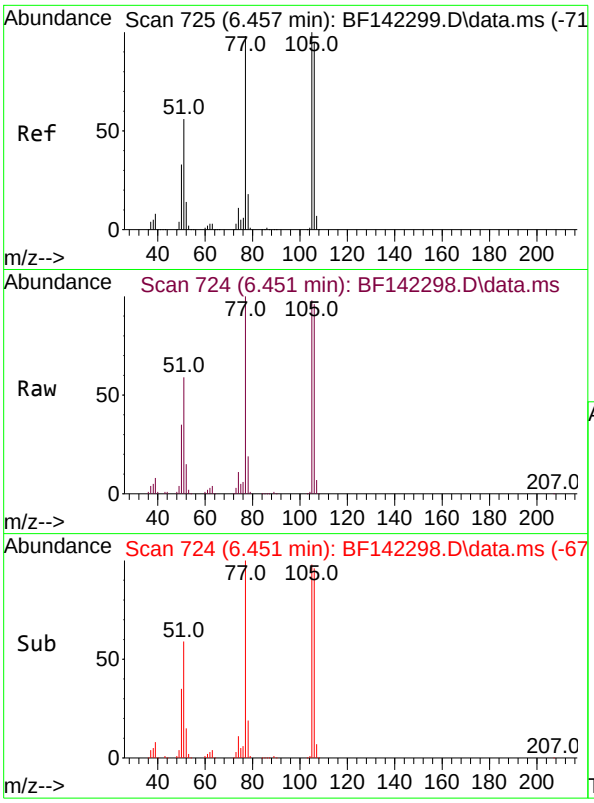


#8
2-Chlorophenol
Concen: 20.174 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:128 Resp: 273145

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.7	52.7
64	48.0	29.2	69.2

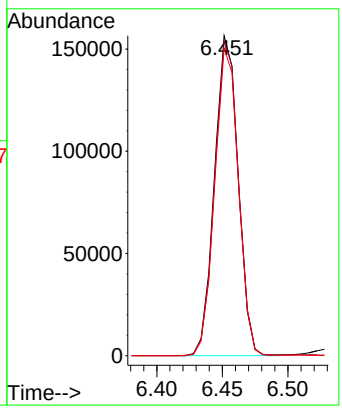




#9
Benzaldehyde
Concen: 21.418 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 77 Resp: 19534

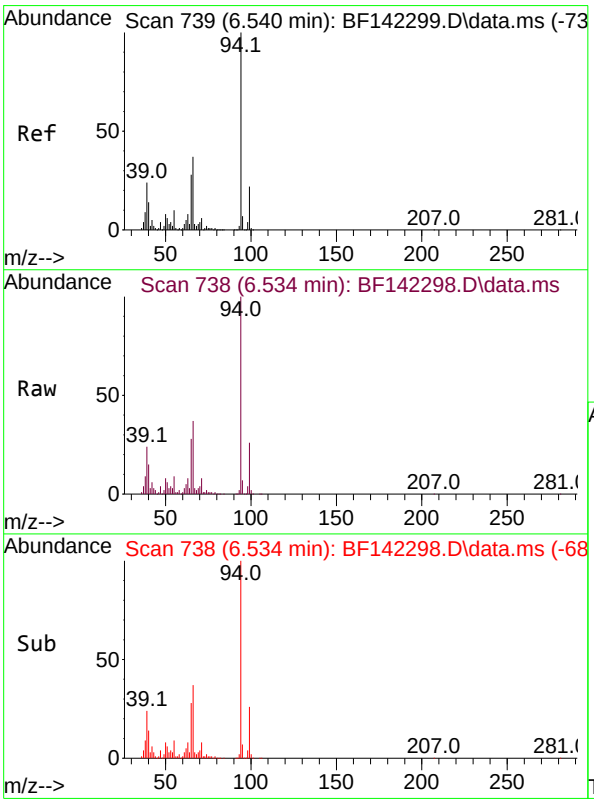
Ion	Ratio	Lower	Upper
77	100		
105	98.4	82.0	122.0
106	96.1	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

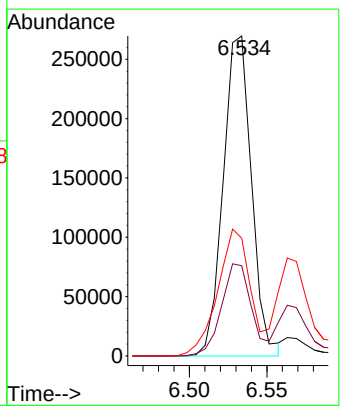
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

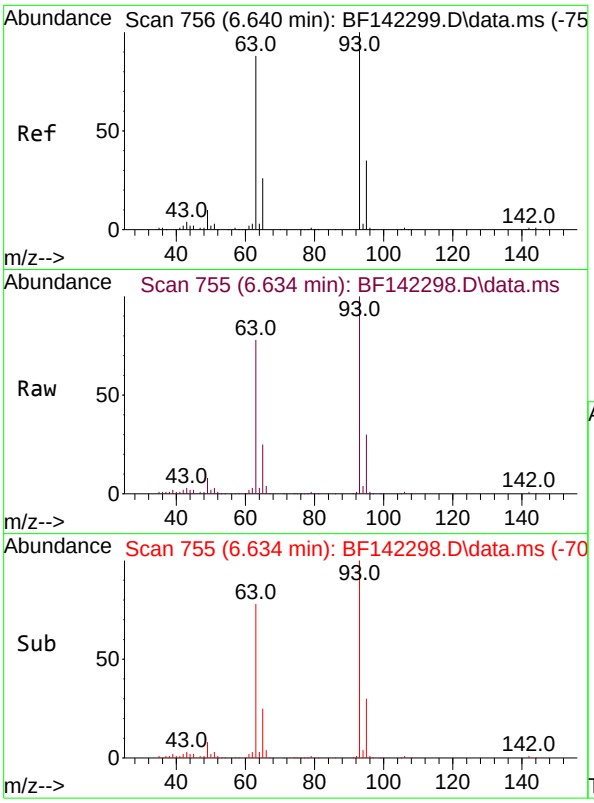


#10
Phenol
Concen: 20.739 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 94 Resp: 342565

Ion	Ratio	Lower	Upper
94	100		
65	28.2	8.5	48.5
66	36.8	17.3	57.3

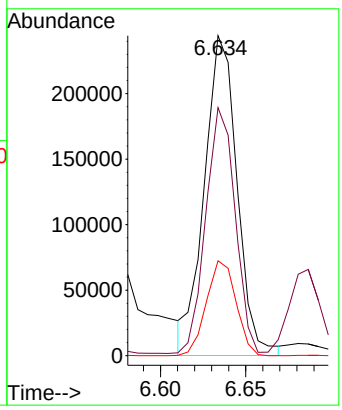




#11
bis(2-Chloroethyl)ether
Concen: 20.046 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 93 Resp: 32653

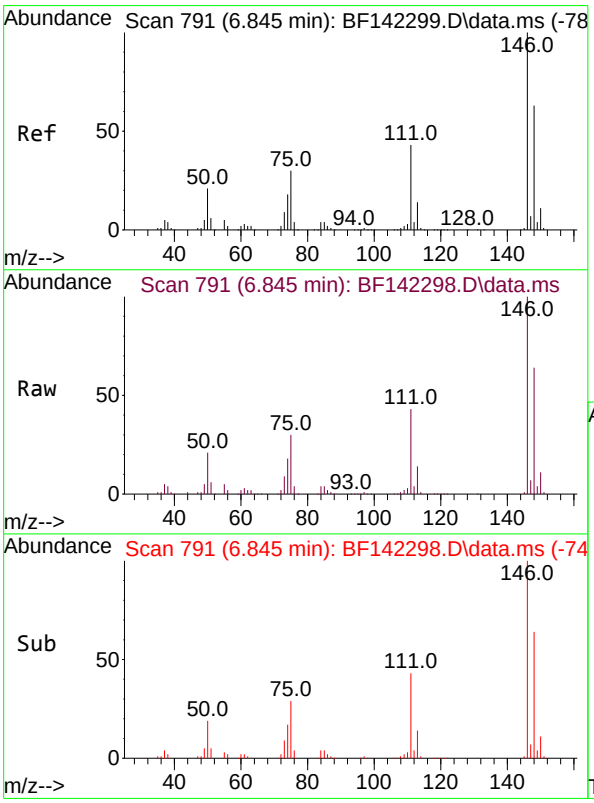
Ion	Ratio	Lower	Upper
93	100		
63	77.5	58.4	98.4
95	29.7	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

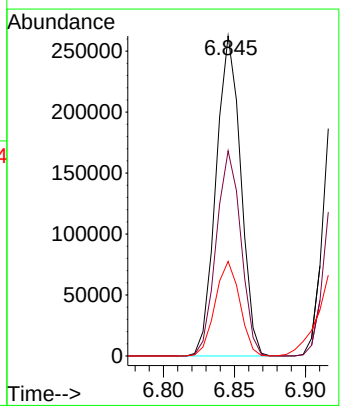
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

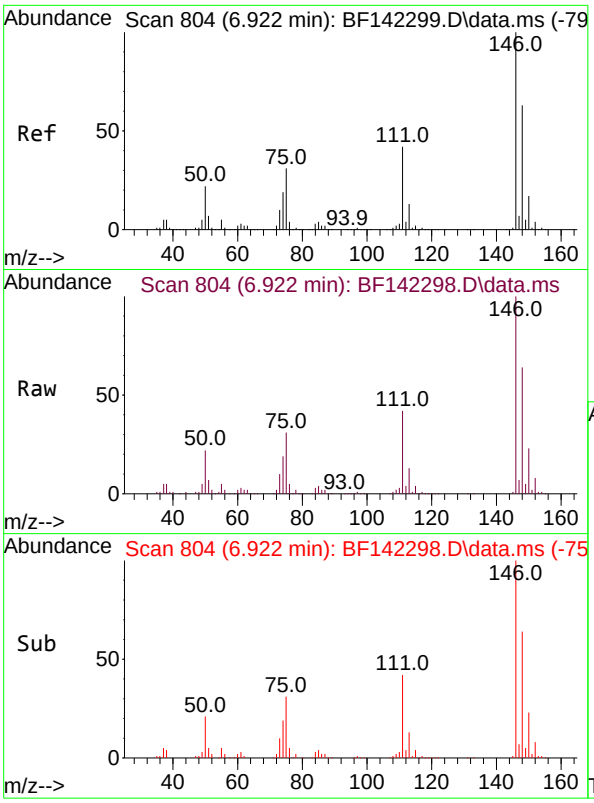


#12
1,3-Dichlorobenzene
Concen: 20.472 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:146 Resp: 317103

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
75	29.5	24.2	36.4

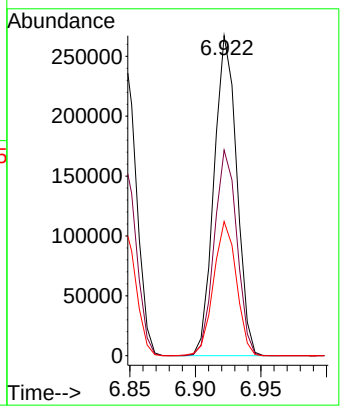




#13
1,4-Dichlorobenzene
Concen: 20.669 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:146 Resp: 32144

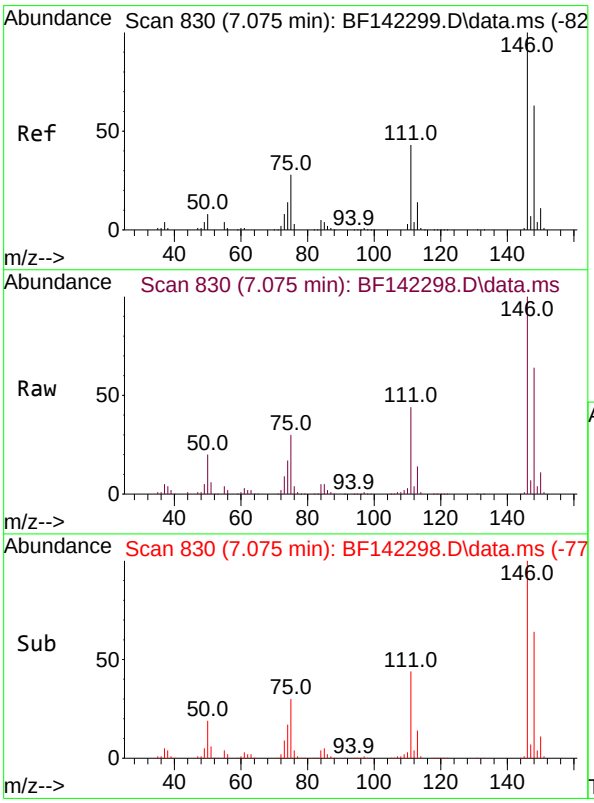
Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.5	75.7
111	41.9	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

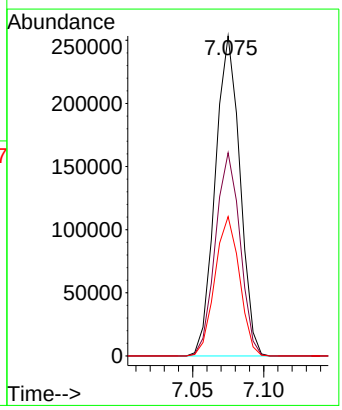
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

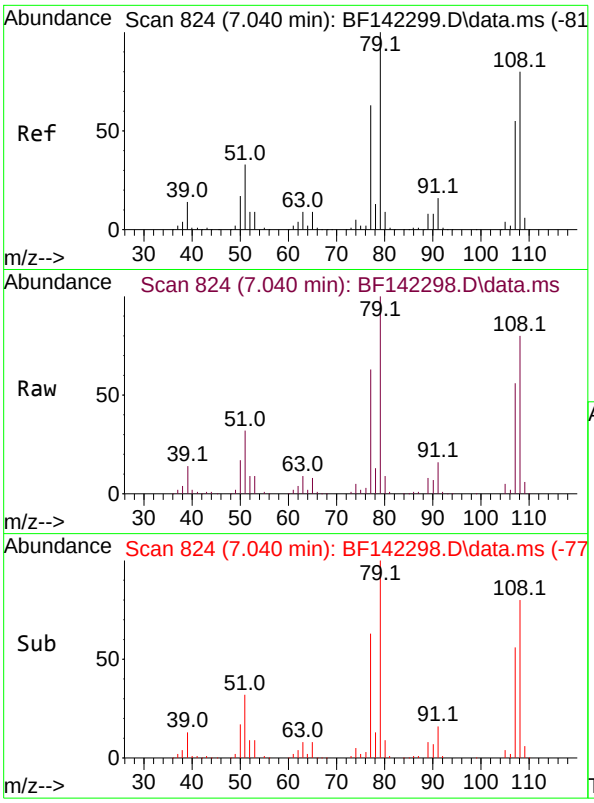


#14
1,2-Dichlorobenzene
Concen: 20.500 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:146 Resp: 306024

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	43.5	34.5	51.7

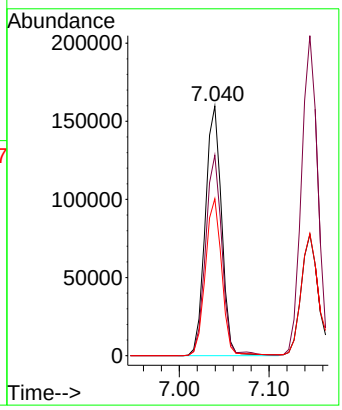




#15
Benzyl Alcohol
Concen: 19.996 ng
RT: 7.040 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 79 Resp: 20176

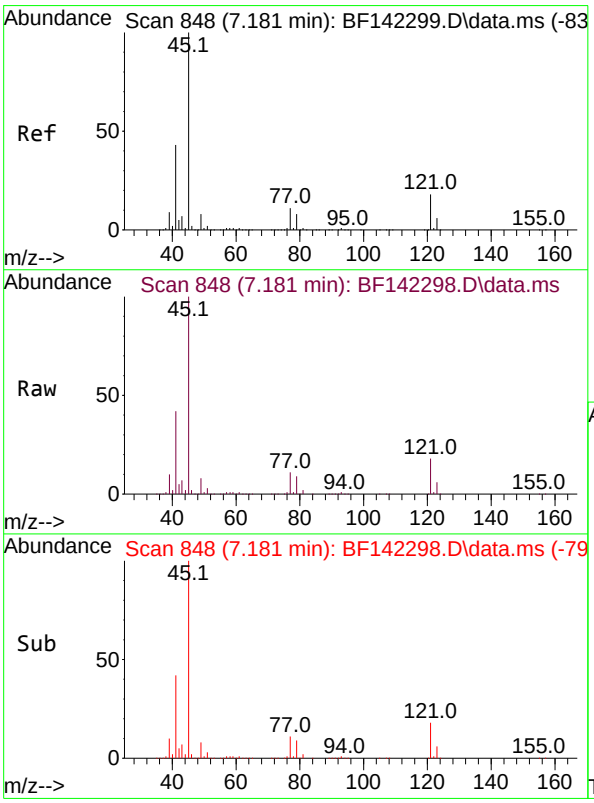
Ion	Ratio	Lower	Upper
79	100		
108	80.3	63.9	95.9
77	62.9	50.7	76.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

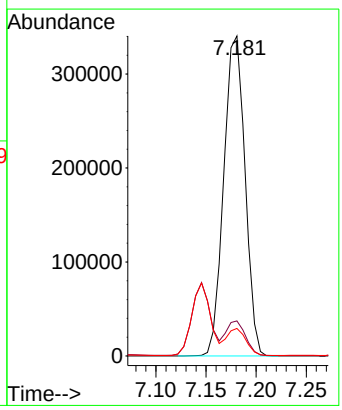
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

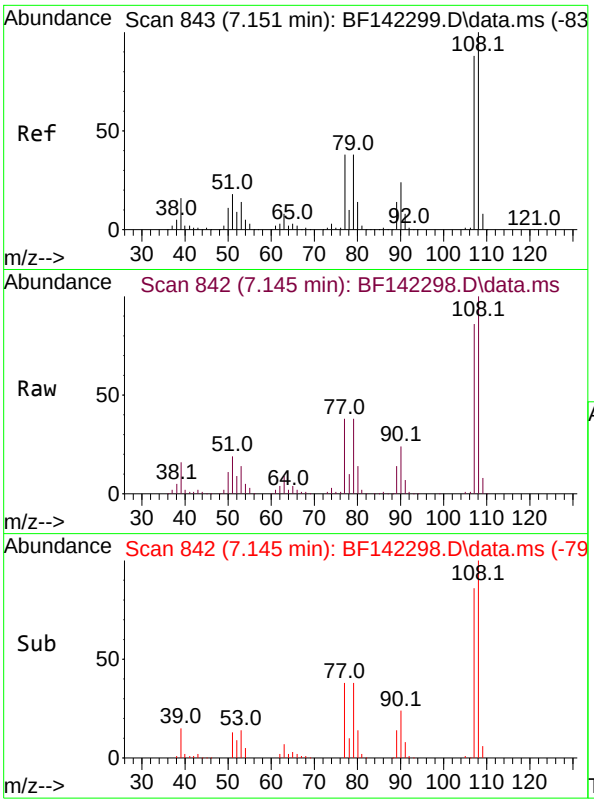


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.672 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 45 Resp: 502839

Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	31.2
79	8.6	0.0	28.5

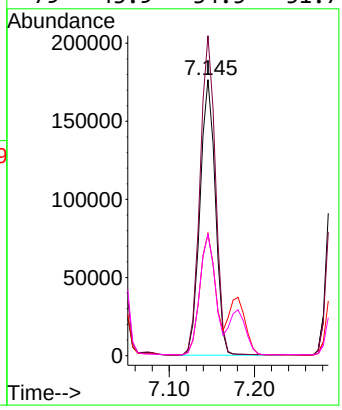




#17
2-Methylphenol
Concen: 20.166 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:107 Resp: 22104

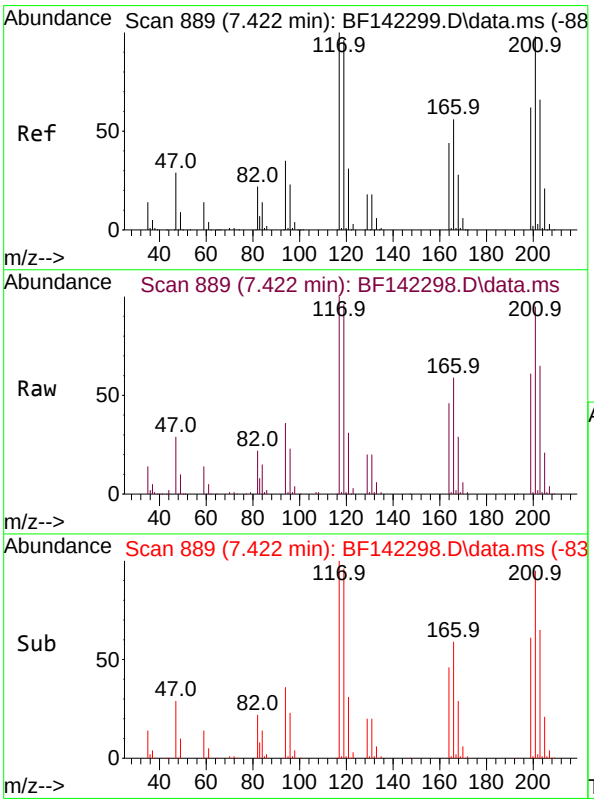
Ion	Ratio	Lower	Upper
107	100		
108	115.9	91.1	136.7
77	44.2	34.7	52.1
79	43.9	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

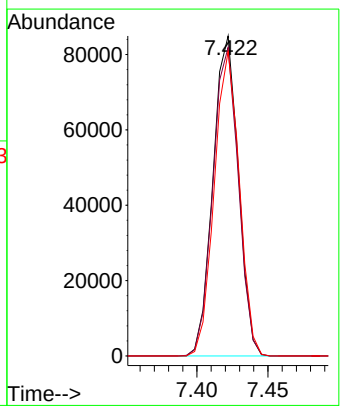
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

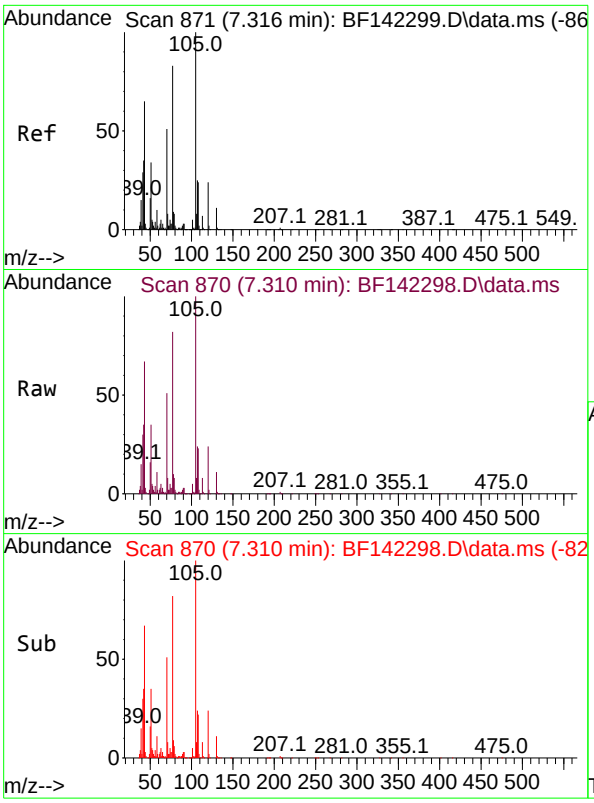


#18
Hexachloroethane
Concen: 20.413 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:117 Resp: 105630

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.9	115.3
201	95.1	78.0	117.0

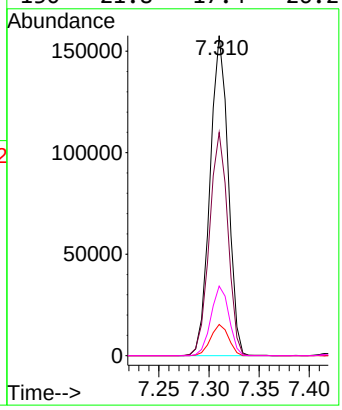




#19
n-Nitroso-di-n-propylamine
Concen: 20.599 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 70 Resp: 19855

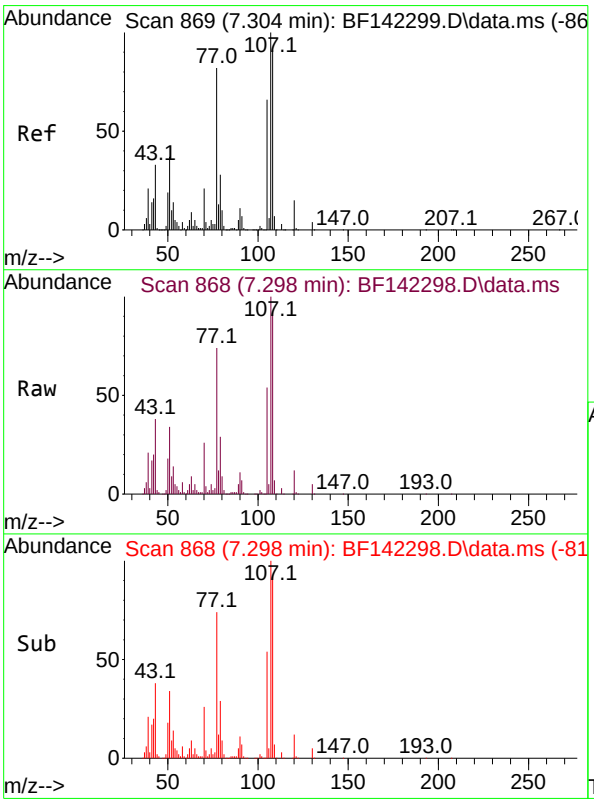
Ion	Ratio	Lower	Upper
70	100		
42	69.7	54.8	82.2
101	9.7	7.7	11.5
130	21.8	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

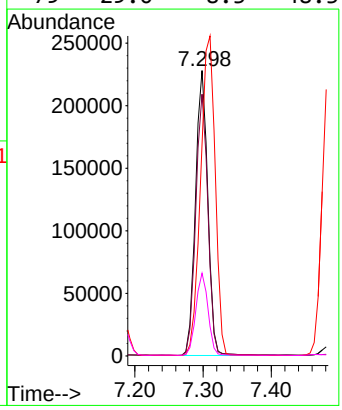
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

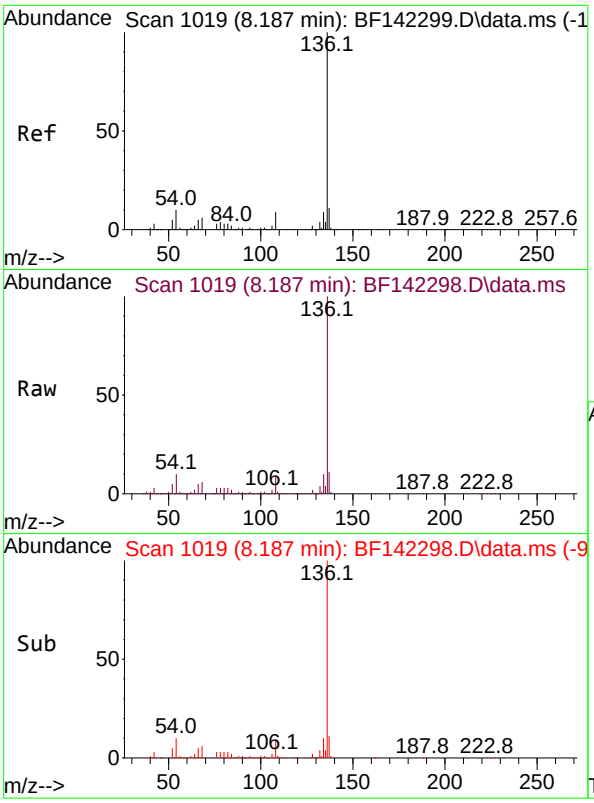


#20
3+4-Methylphenols
Concen: 20.896 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:107 Resp: 285863

Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.5	111.5
77	74.1	61.6	101.6
79	29.0	8.3	48.3

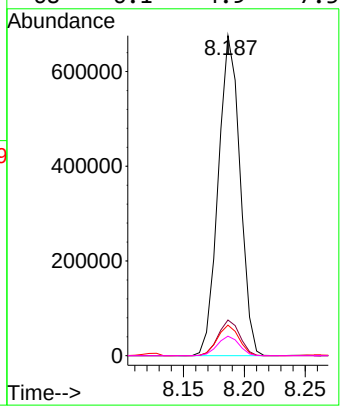




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:136 Resp: 84203

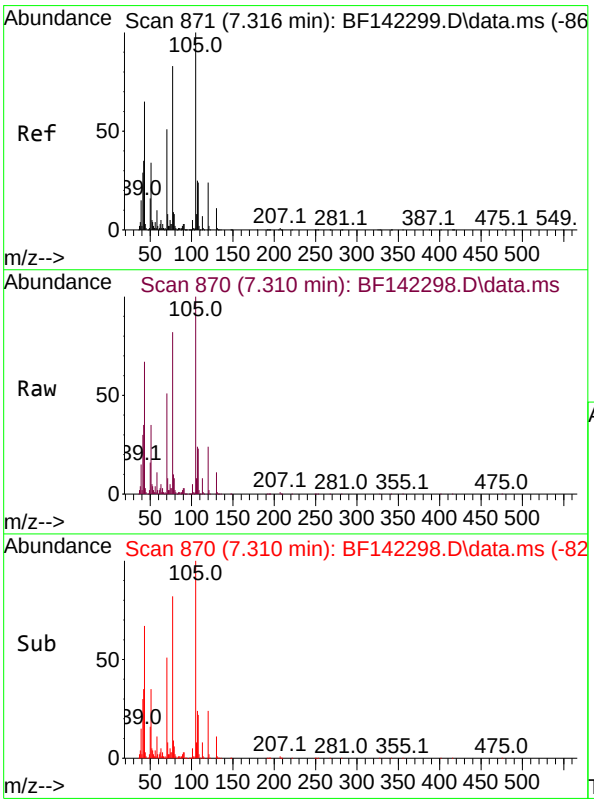
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.5	7.7	11.5
68	6.1	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

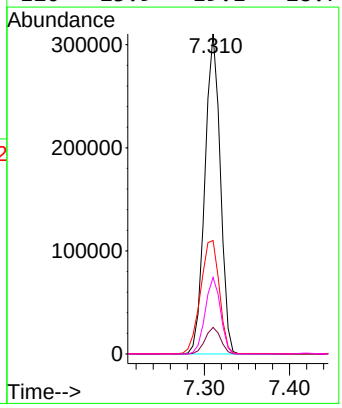
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

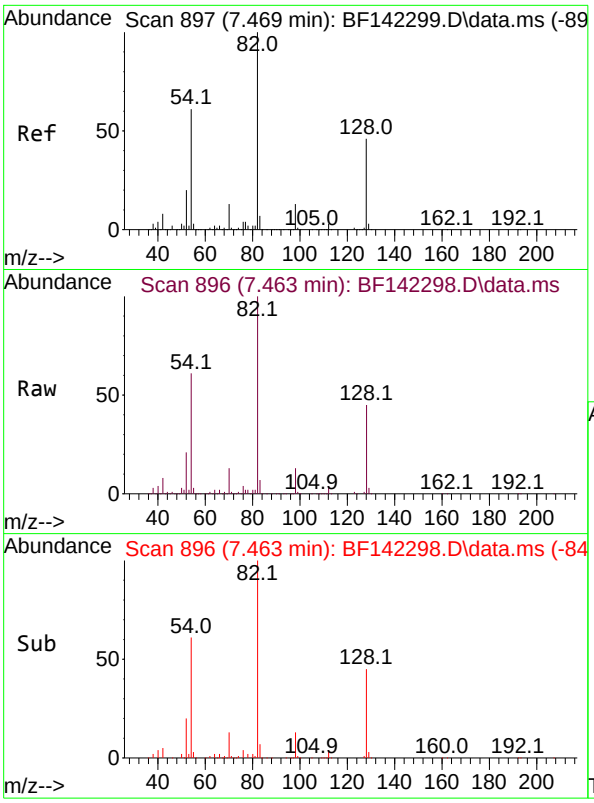


#22
Acetophenone
Concen: 20.871 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:105 Resp: 390755

Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.7	10.1
51	35.5	27.6	41.4
120	23.9	19.1	28.7

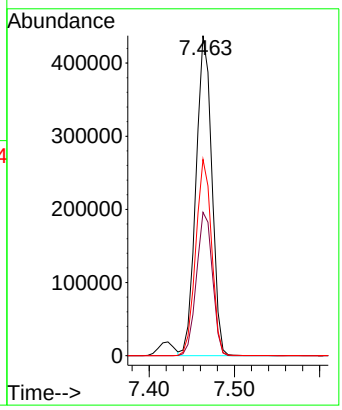




#23
Nitrobenzene-d5
Concen: 40.944 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 82 Resp: 56530

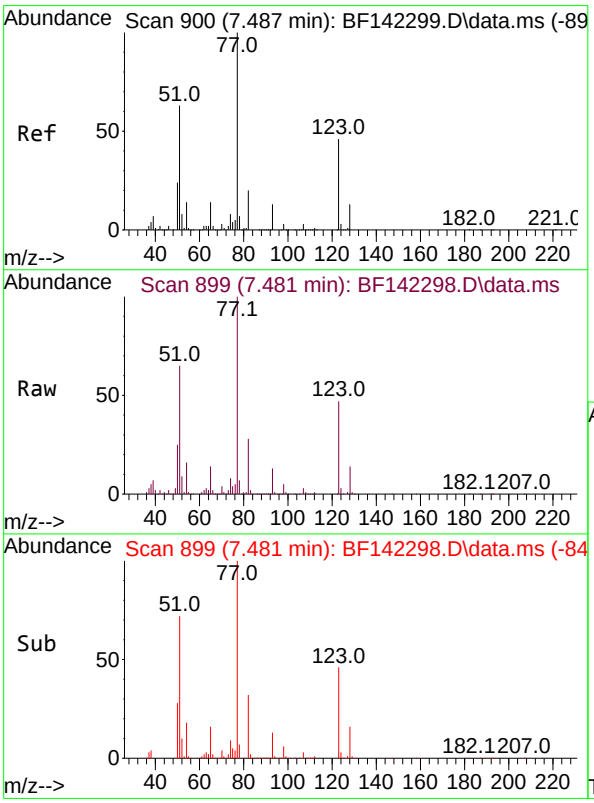
Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.0	55.6
54	61.4	48.6	73.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

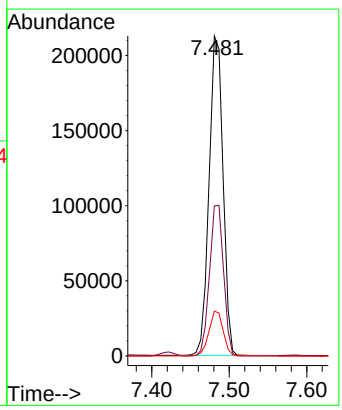
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

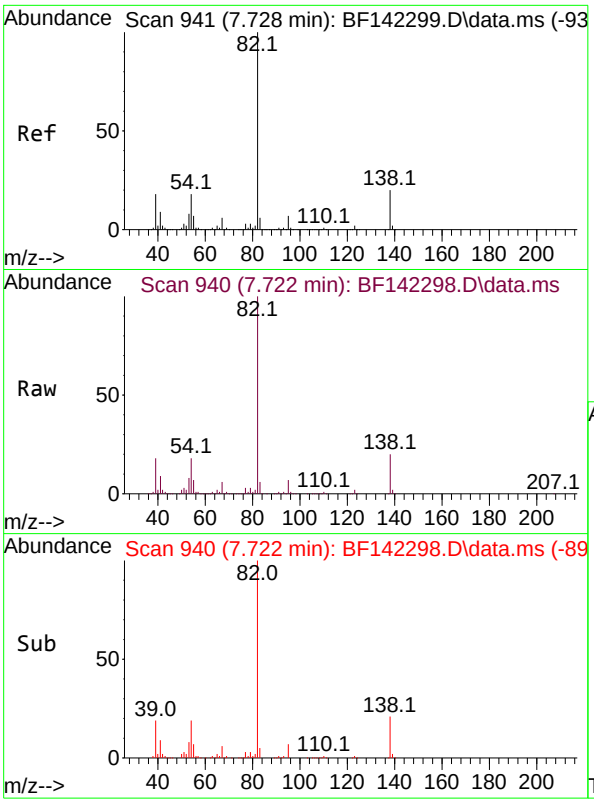


#24
Nitrobenzene
Concen: 20.474 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 77 Resp: 266464

Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.8	56.8
65	14.0	11.4	17.0

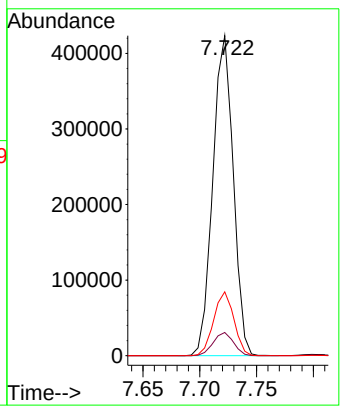




#25
Isophorone
Concen: 20.291 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 82 Resp: 530519

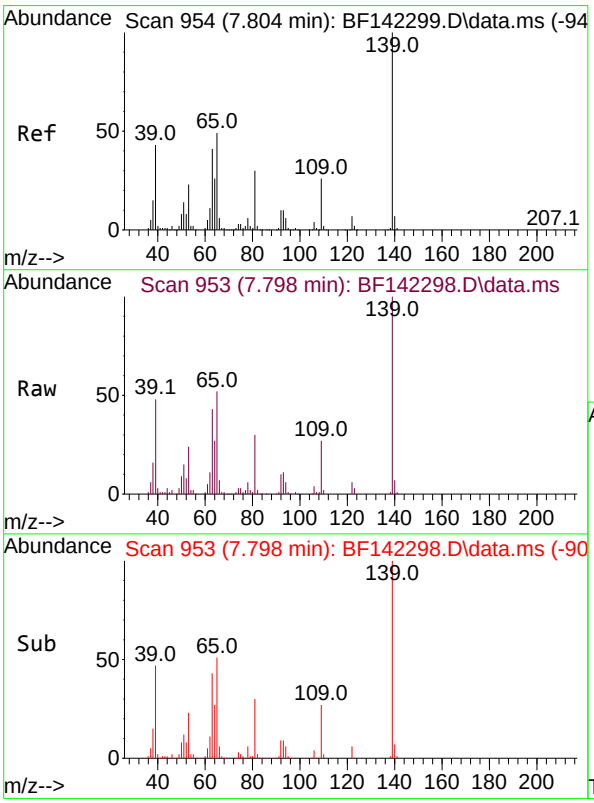
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	20.0	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

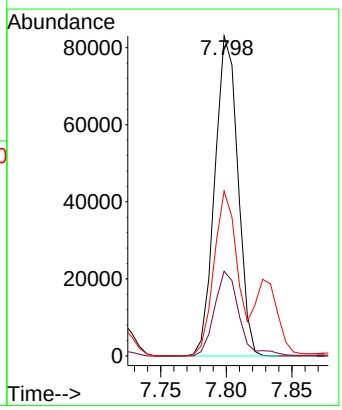
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

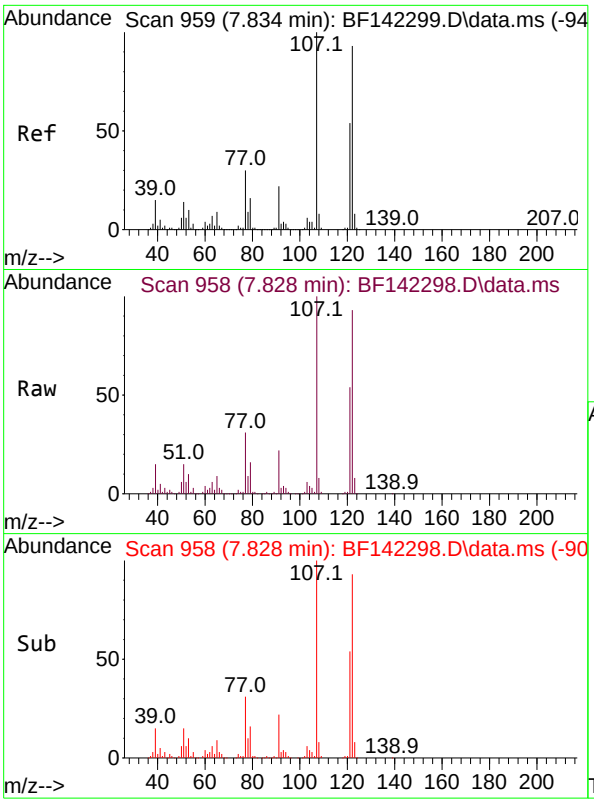


#26
2-Nitrophenol
Concen: 18.889 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:139 Resp: 101497

Ion	Ratio	Lower	Upper
139	100		
109	26.5	20.8	31.2
65	51.5	38.9	58.3

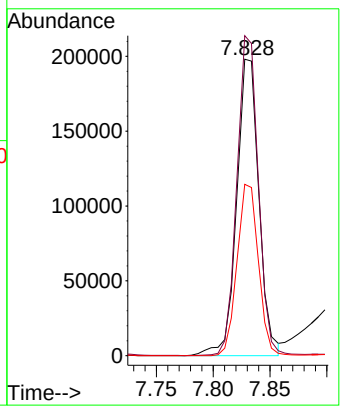




#27
2,4-Dimethylphenol
Concen: 20.543 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:122 Resp: 27003

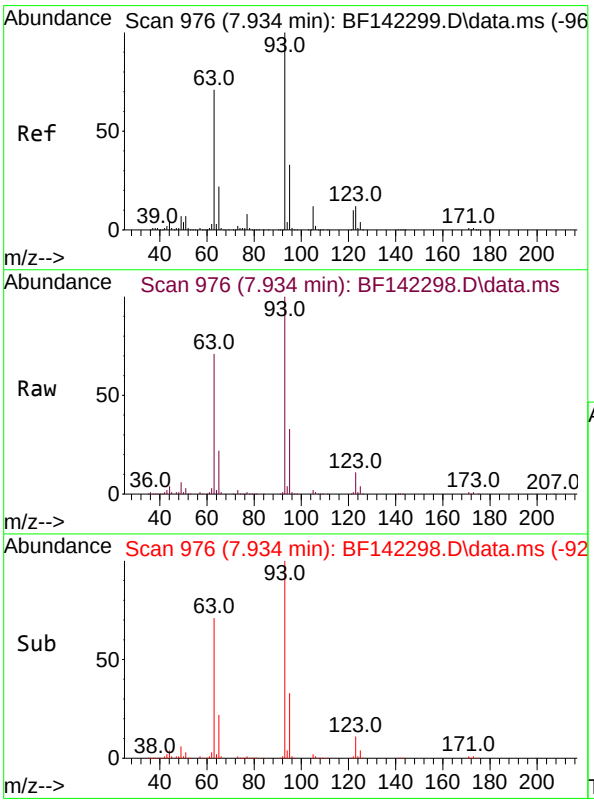
Ion	Ratio	Lower	Upper
122	100		
107	107.9	86.0	129.0
121	57.8	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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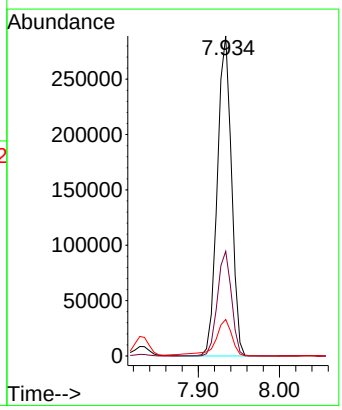
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

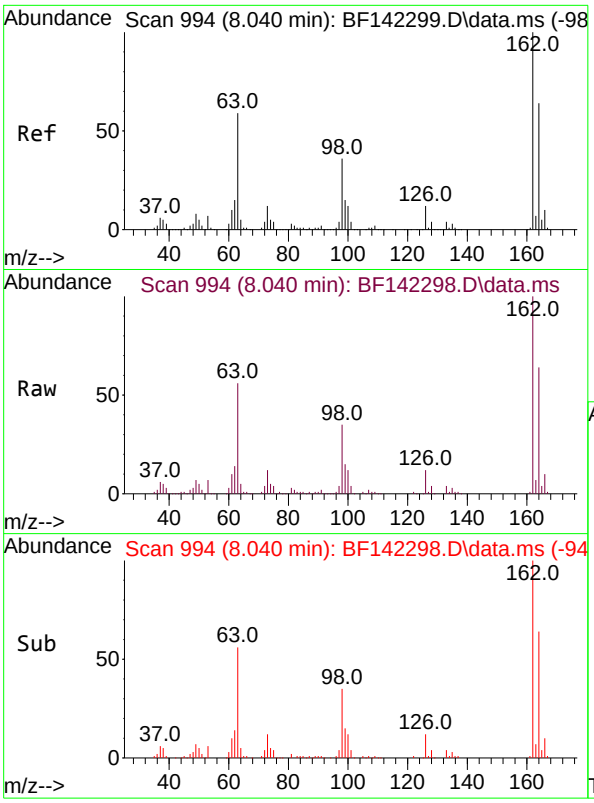


#28
bis(2-Chloroethoxy)methane
Concen: 20.919 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 93 Resp: 351686

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	11.4	10.2	15.4

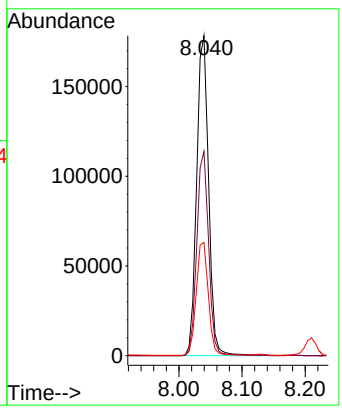




#29
2,4-Dichlorophenol
Concen: 20.924 ng
RT: 8.040 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:162 Resp: 23384

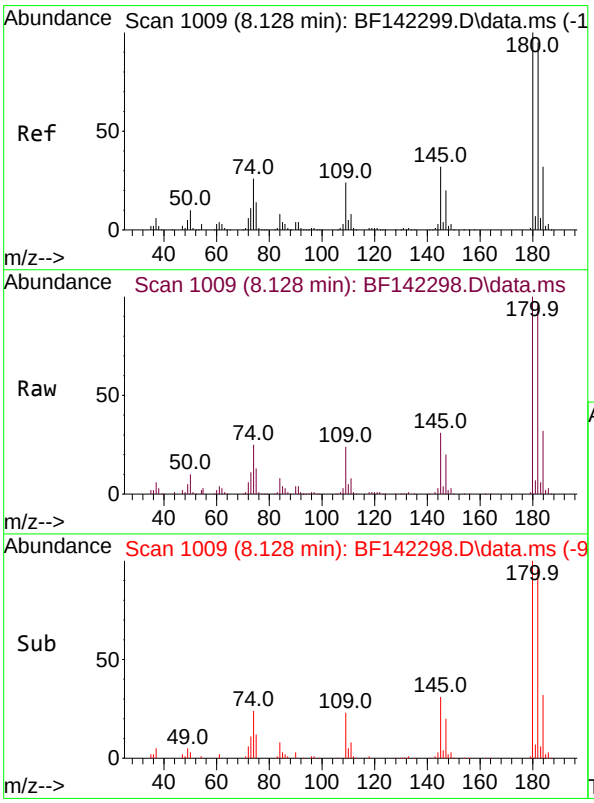
Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.6	83.6
98	35.4	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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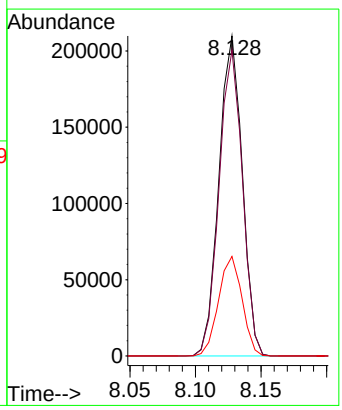
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

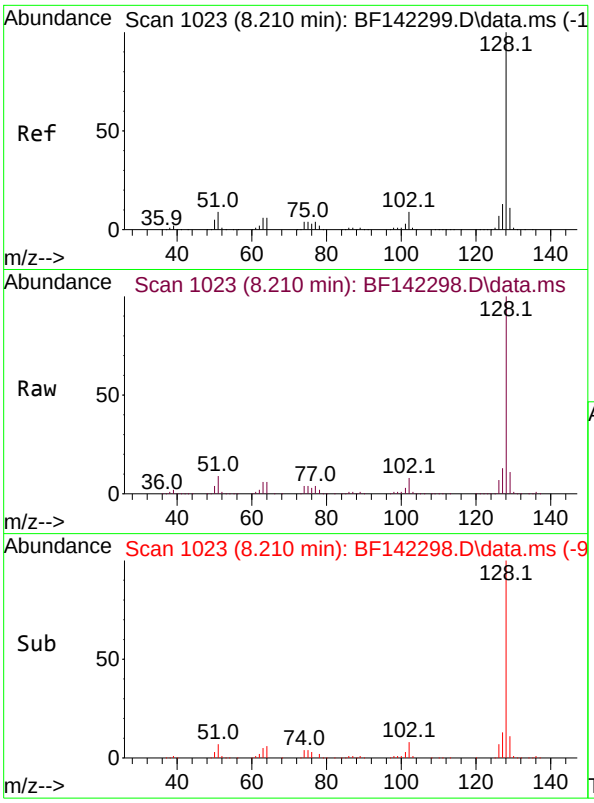


#30
1,2,4-Trichlorobenzene
Concen: 20.674 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:180 Resp: 260029

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.4
145	31.1	25.8	38.6

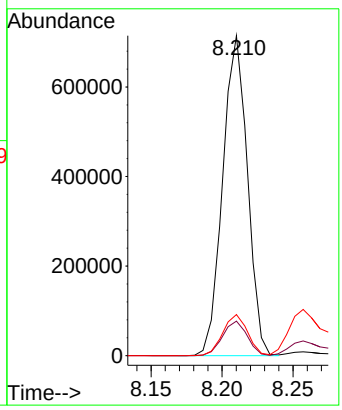




#31
Naphthalene
Concen: 21.209 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:128 Resp: 86555

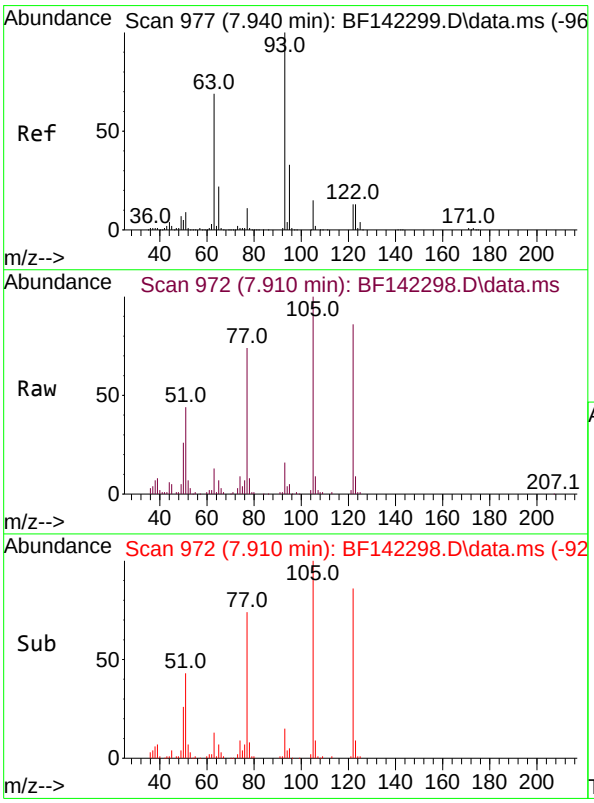
Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	12.9	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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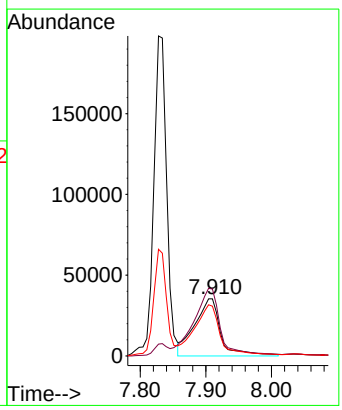
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

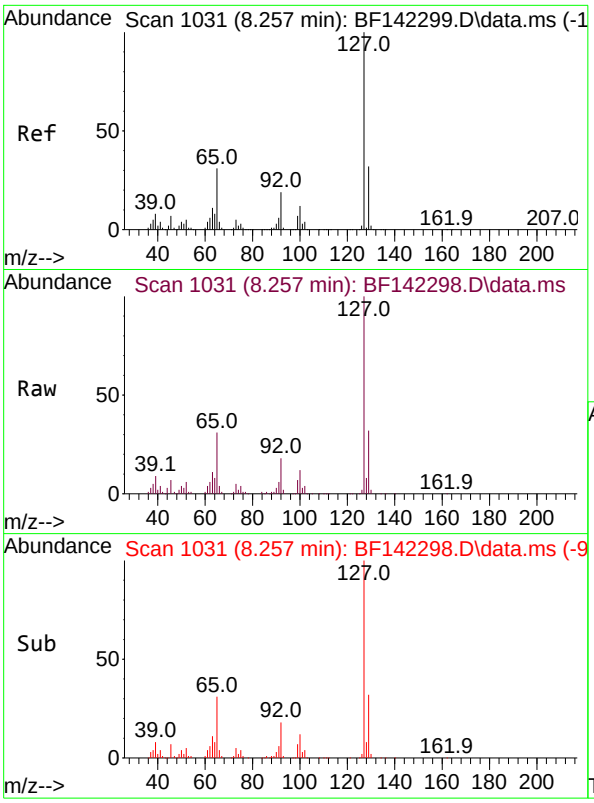


#32
Benzoic acid
Concen: 19.691 ng m
RT: 7.910 min Scan# 972
Delta R.T. -0.030 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:122 Resp: 98814

Ion	Ratio	Lower	Upper
122	100		
105	116.9	97.9	137.9
77	87.0	67.7	107.7

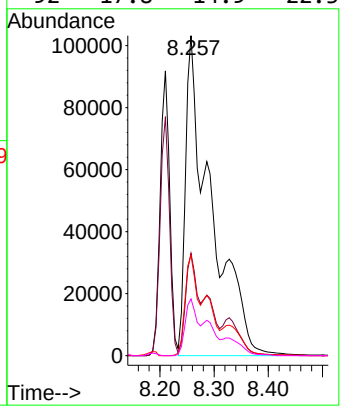




#33
4-Chloroaniline
Concen: 20.165 ng m
RT: 8.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:127 Resp: 33519

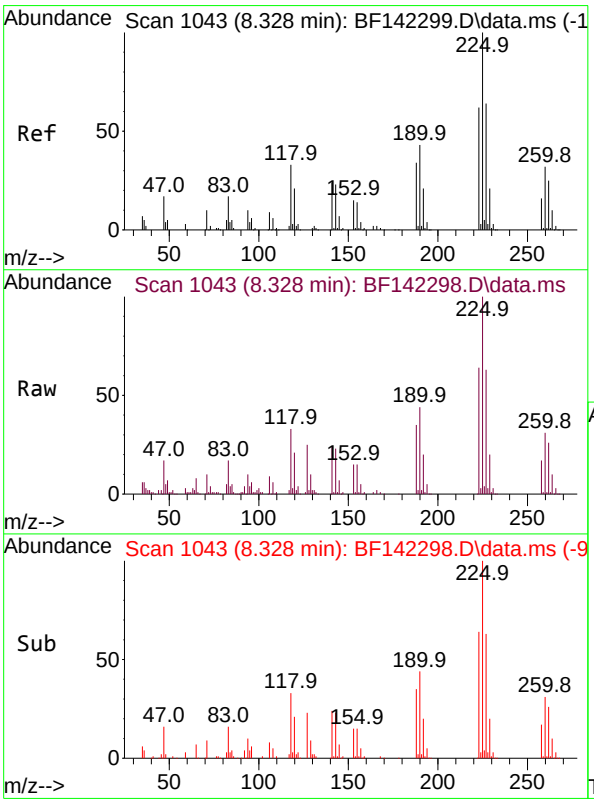
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	31.4	24.9	37.3
92	17.8	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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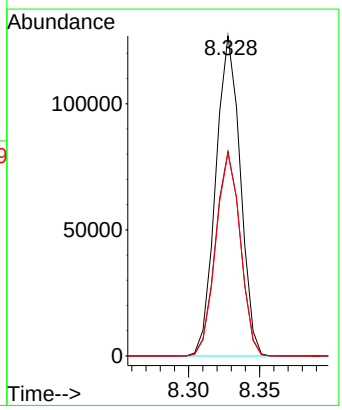
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

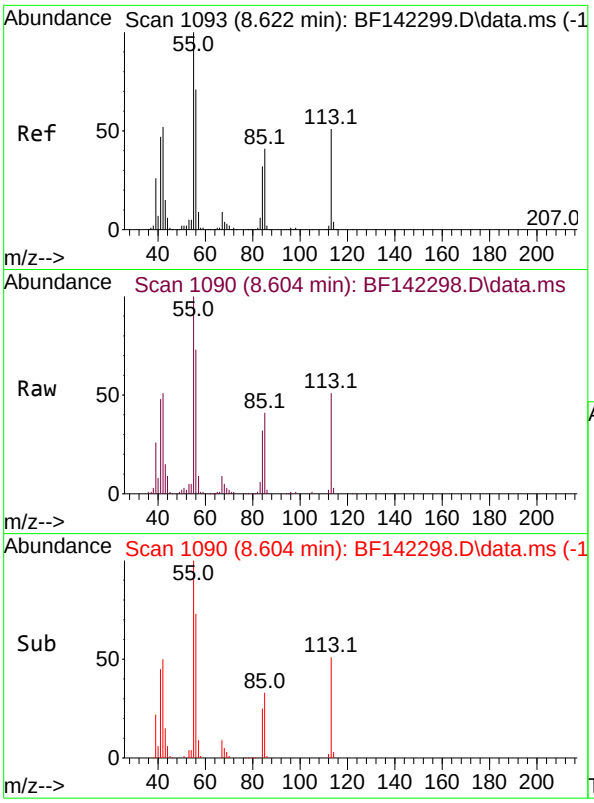


#34
Hexachlorobutadiene
Concen: 20.449 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:225 Resp: 152292

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.8	74.6
227	63.4	50.9	76.3

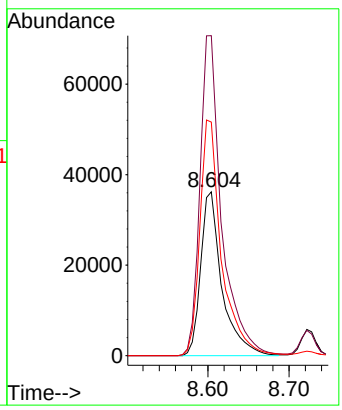




#35
Caprolactam
Concen: 20.272 ng
RT: 8.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:113 Resp: 6588

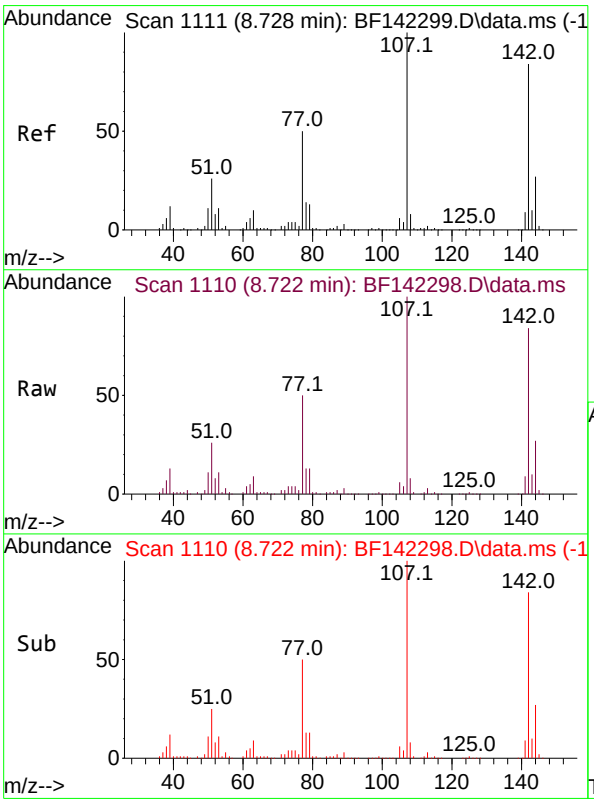
Ion	Ratio	Lower	Upper
113	100		
55	195.2	176.4	216.4
56	142.6	120.3	160.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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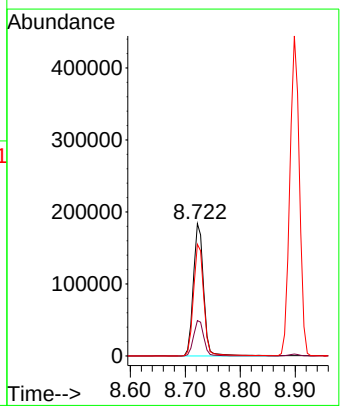
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

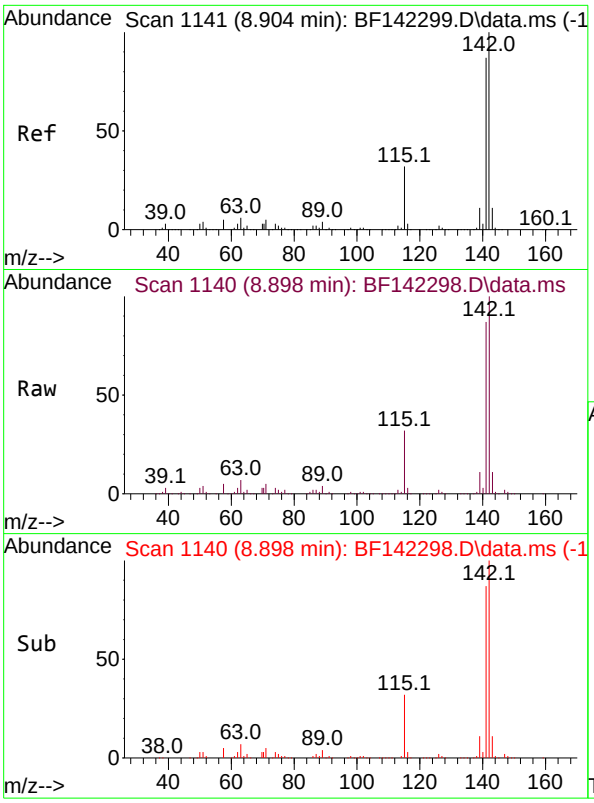


#36
4-Chloro-3-methylphenol
Concen: 20.539 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:107 Resp: 238603

Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.3	31.9
142	84.4	66.9	100.3





#37
2-Methylnaphthalene
Concen: 21.095 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

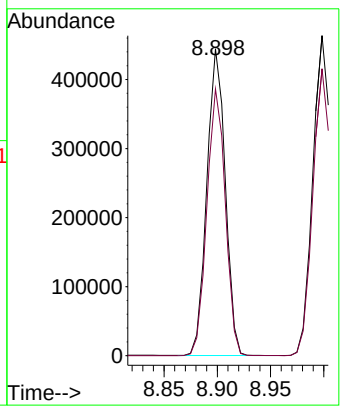
Tgt Ion:142 Resp: 53493

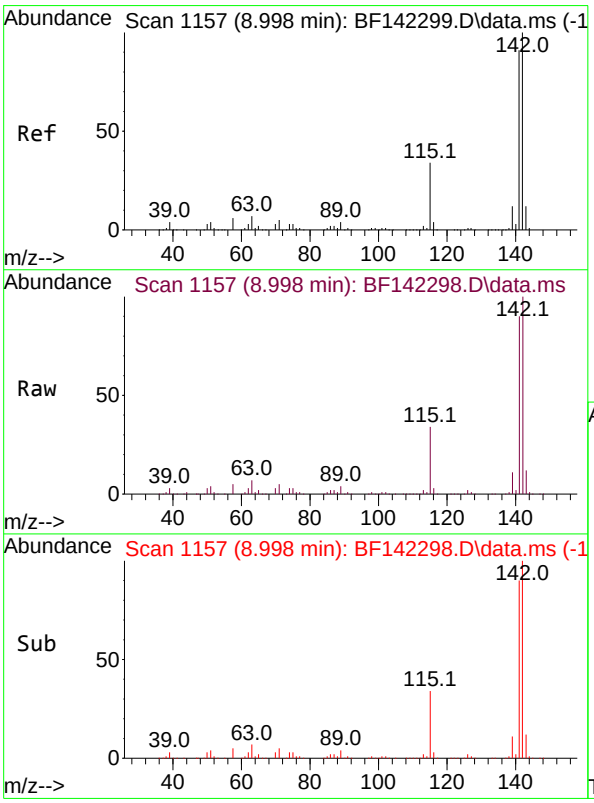
Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.4	104.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

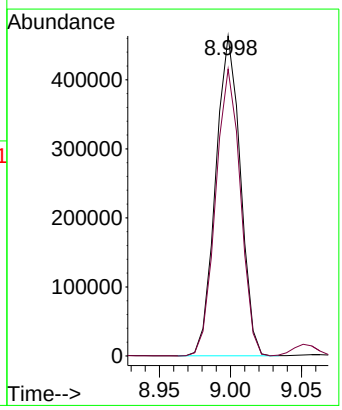


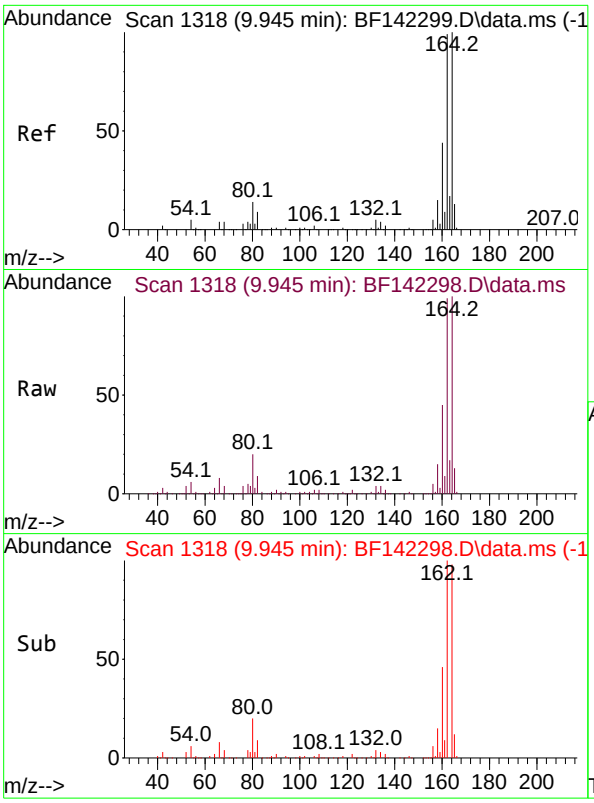


#38
1-Methylnaphthalene
Concen: 21.183 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:142 Resp: 559888

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.5	108.7

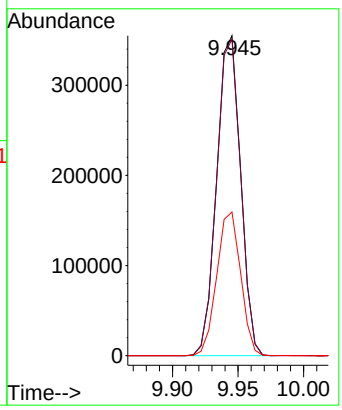




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:164 Resp: 44942

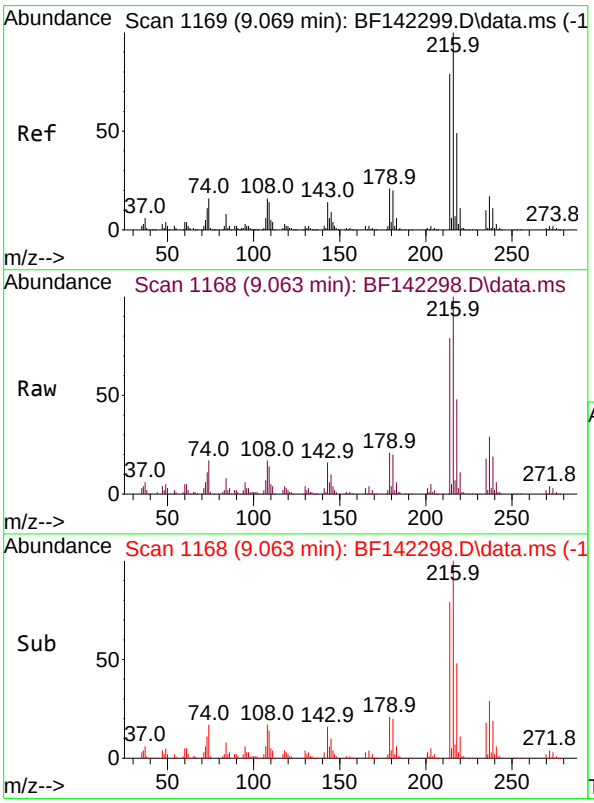
Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.2	118.8
160	44.9	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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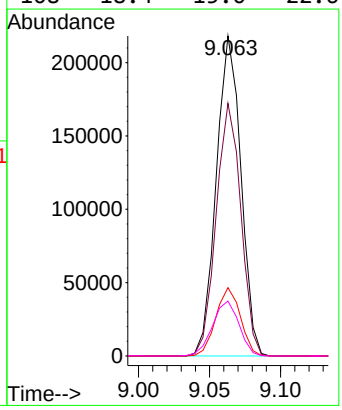
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

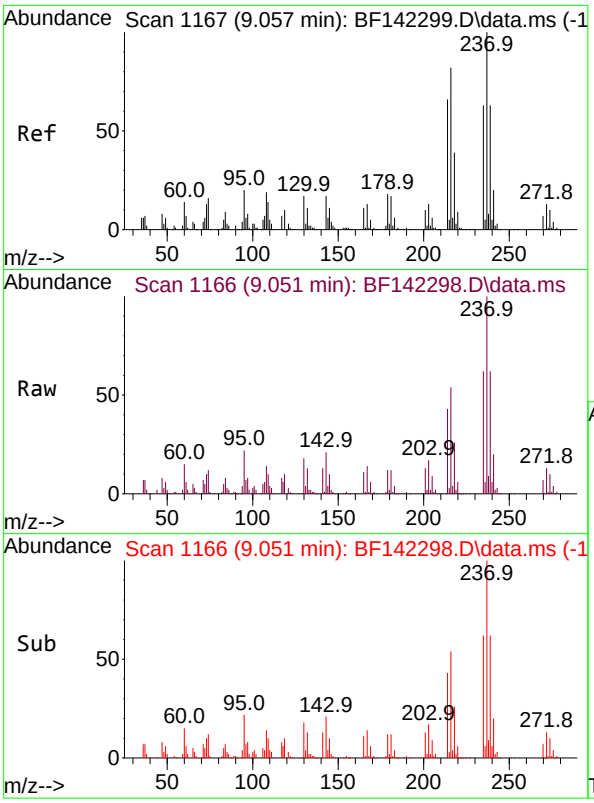


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.966 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:216 Resp: 263169

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	21.3	17.0	25.6
108	18.4	15.0	22.6





#41
Hexachlorocyclopentadiene
Concen: 20.200 ng
RT: 9.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

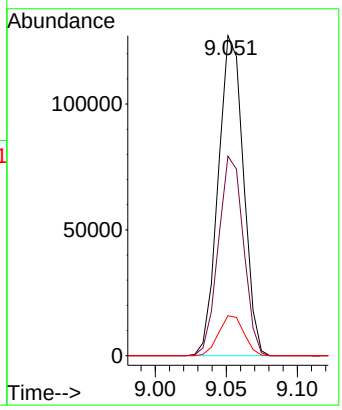
Tgt Ion:237 Resp: 15669

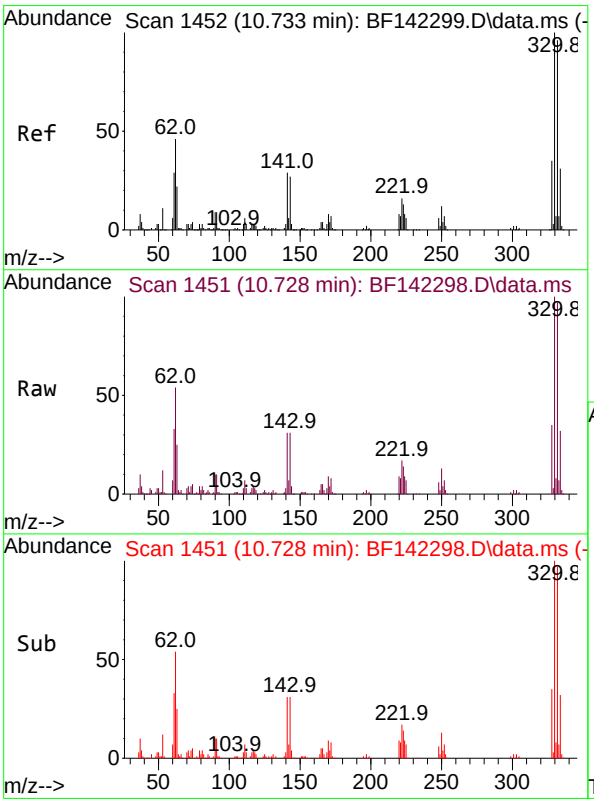
Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.8	82.8
272	12.5	0.0	33.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

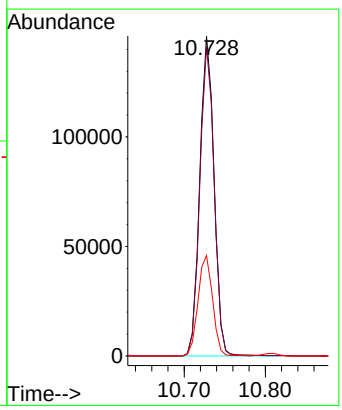


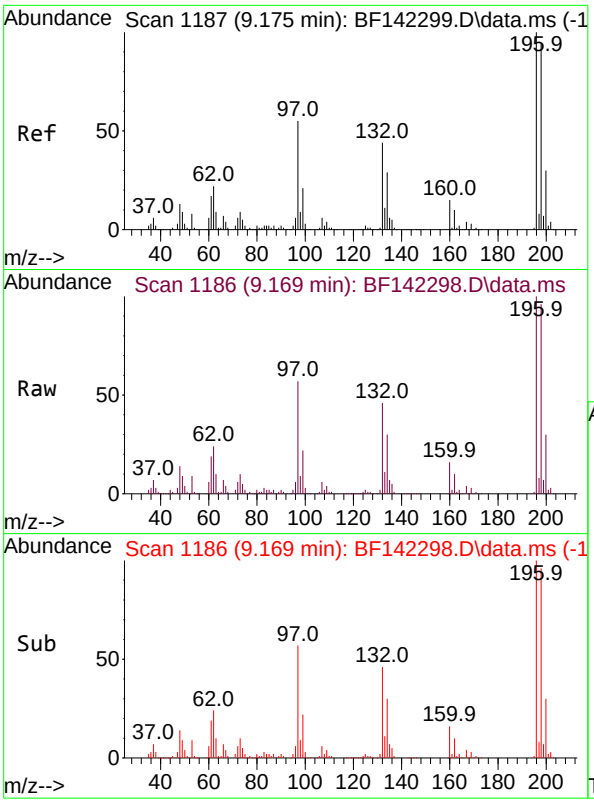


#42
2,4,6-Tribromophenol
Concen: 41.039 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:330 Resp: 178075

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.8	115.2
141	32.1	24.9	37.3

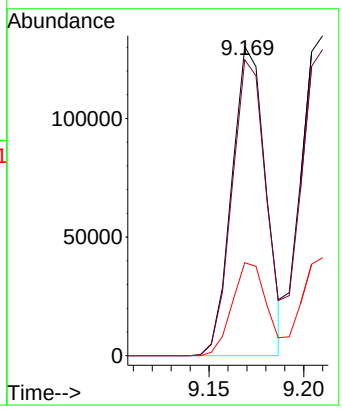




#43
2,4,6-Trichlorophenol
Concen: 20.426 ng
RT: 9.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:196 Resp: 16172

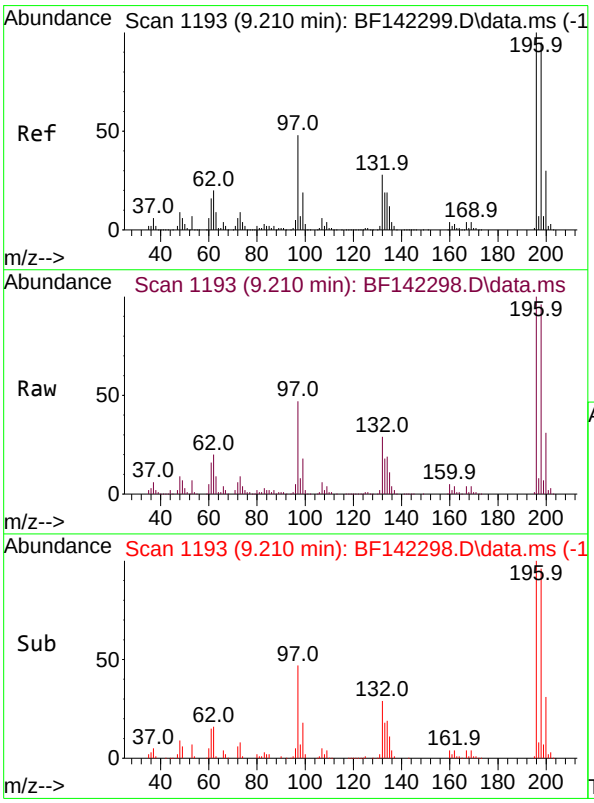
Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.4	113.0
200	30.1	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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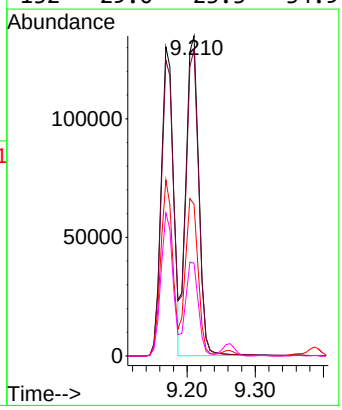
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

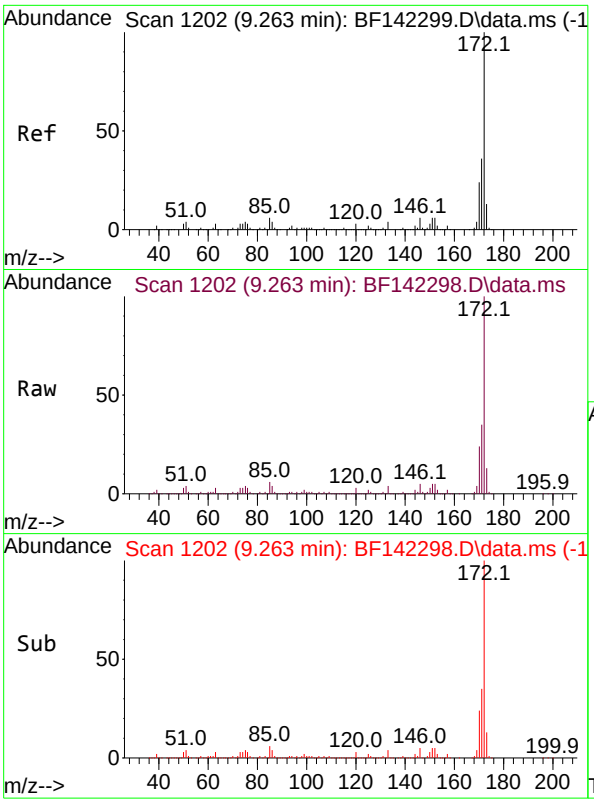


#44
2,4,5-Trichlorophenol
Concen: 20.829 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:196 Resp: 175468

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.1	114.1
97	47.4	39.0	58.4
132	29.0	23.3	34.9

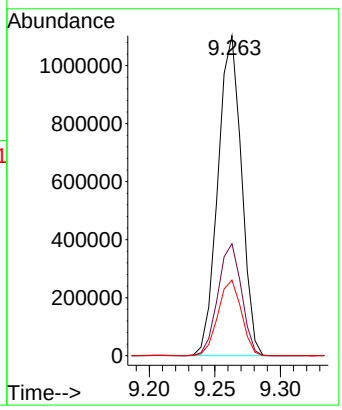




#45
2-Fluorobiphenyl
Concen: 43.691 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:172 Resp: 137711

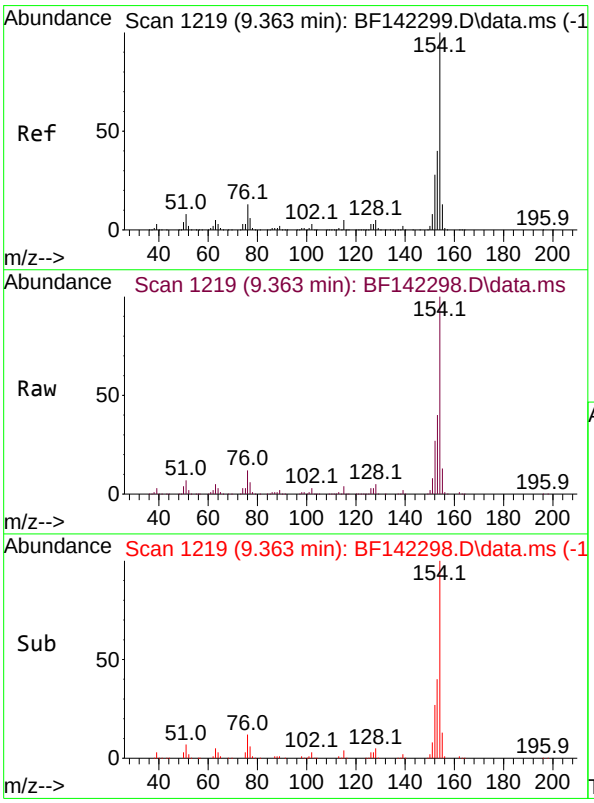
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.6	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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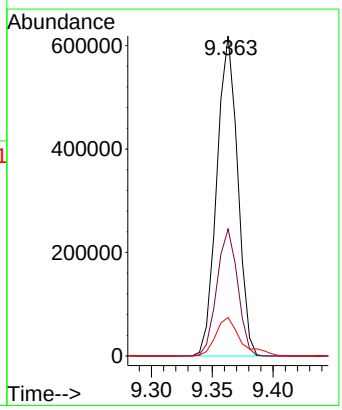
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

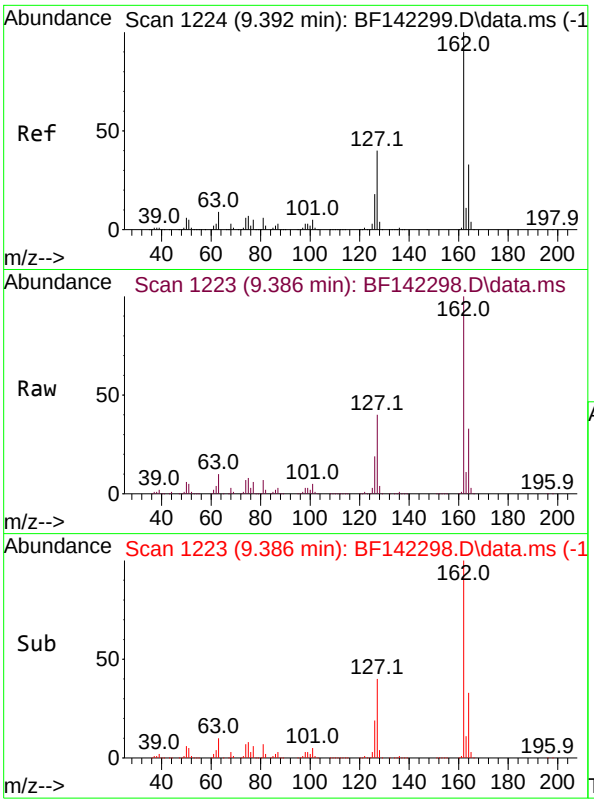


#46
1,1'-Biphenyl
Concen: 21.344 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:154 Resp: 735501

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.5	60.5
76	12.0	0.0	32.8

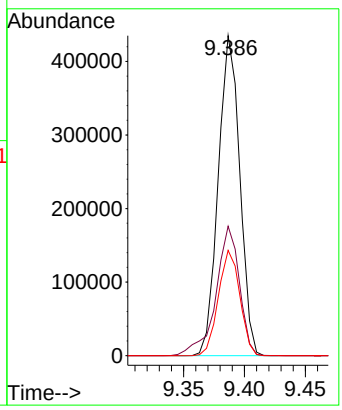




#47
2-Chloronaphthalene
Concen: 20.924 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:162 Resp: 53620

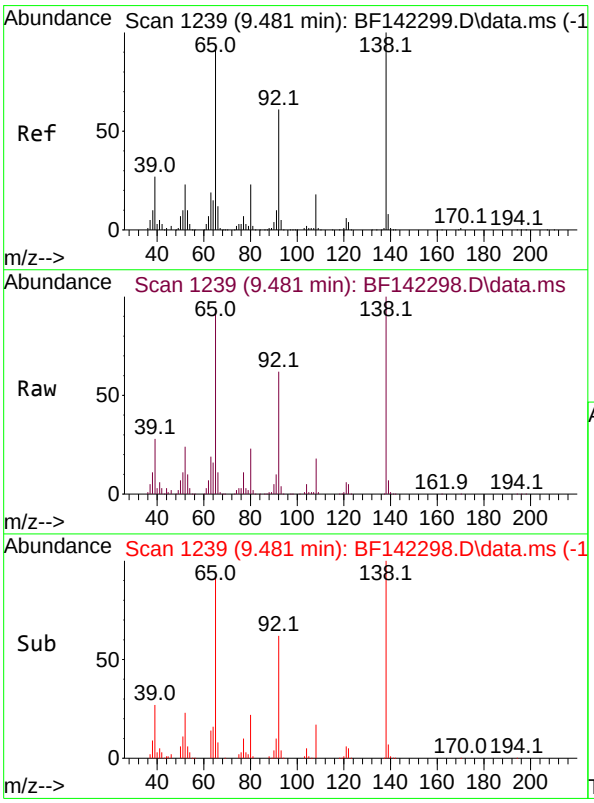
Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.3	48.5
164	32.9	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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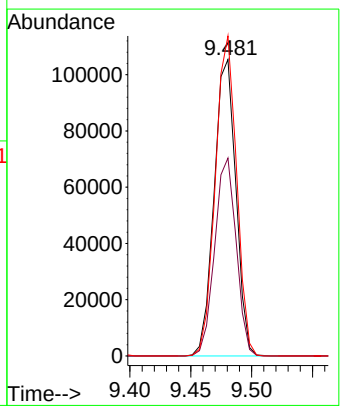
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

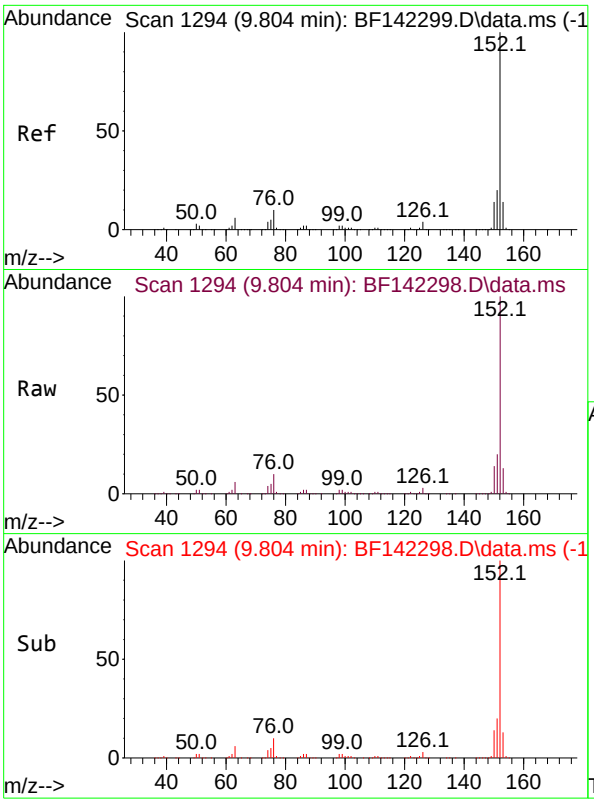


#48
2-Nitroaniline
Concen: 19.985 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 65 Resp: 131275

Ion	Ratio	Lower	Upper
65	100		
92	66.7	52.3	78.5
138	107.9	85.6	128.4

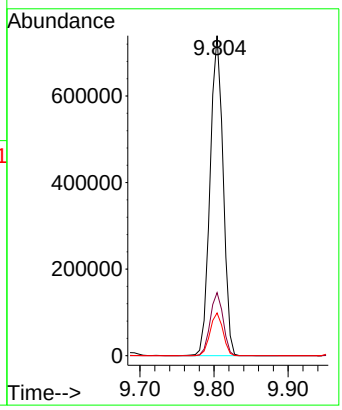




#49
Acenaphthylene
Concen: 21.063 ng
RT: 9.804 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:152 Resp: 90294

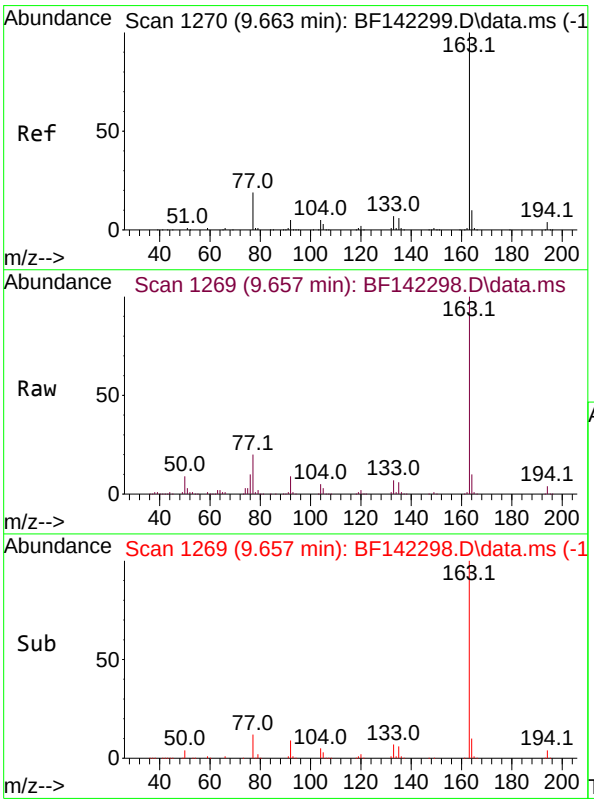
Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.3	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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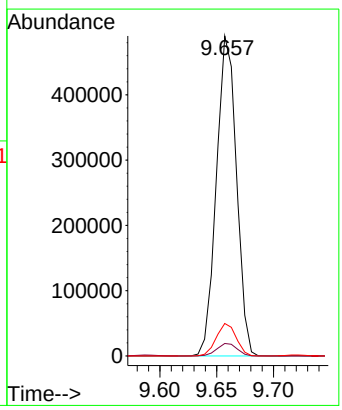
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

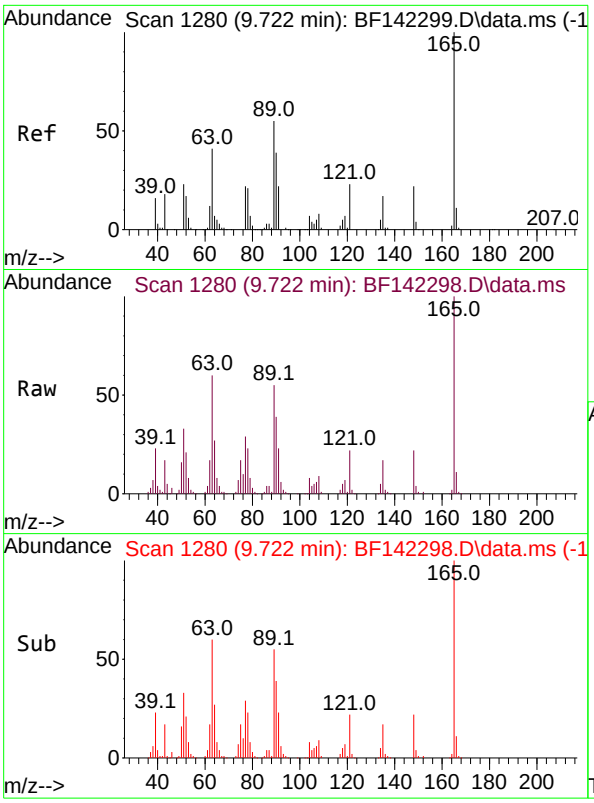


#50
Dimethylphthalate
Concen: 20.930 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:163 Resp: 604026

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 20.163 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

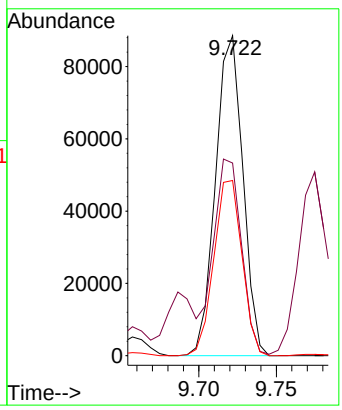
Tgt Ion:165 Resp: 10891

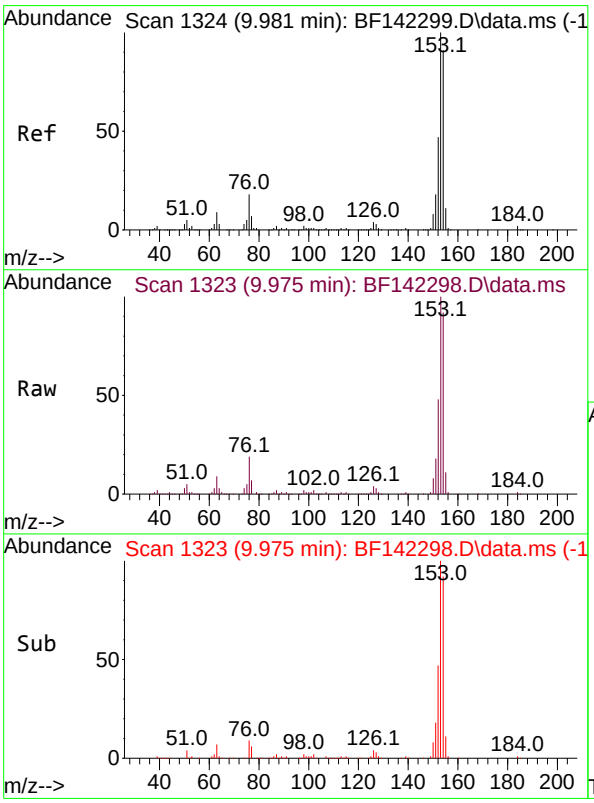
Ion	Ratio	Lower	Upper
165	100		
63	60.2	49.5	74.3
89	54.7	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

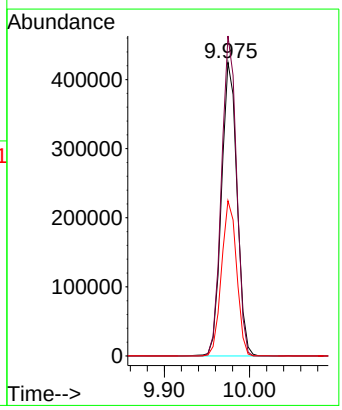


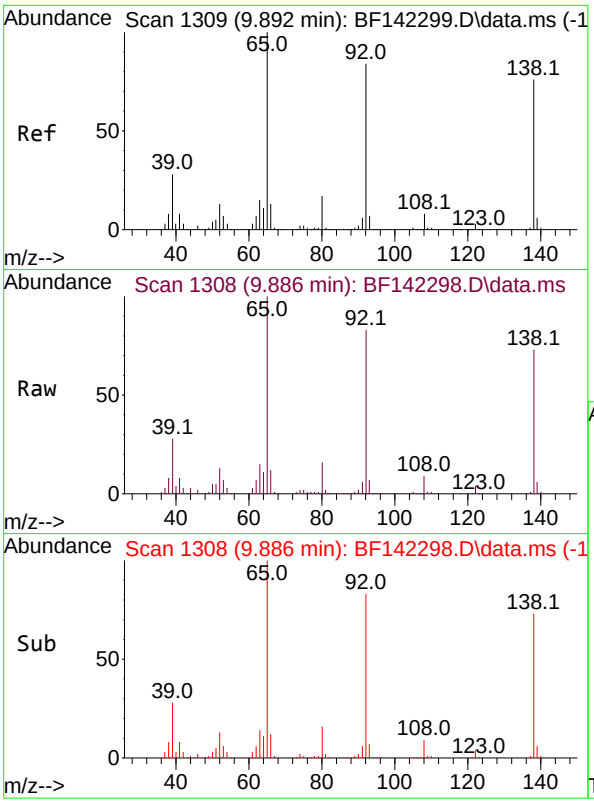


#52
Acenaphthene
Concen: 20.925 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:154 Resp: 539391

Ion	Ratio	Lower	Upper
154	100		
153	109.0	88.0	132.0
152	52.8	41.6	62.4





#53
3-Nitroaniline
Concen: 20.431 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

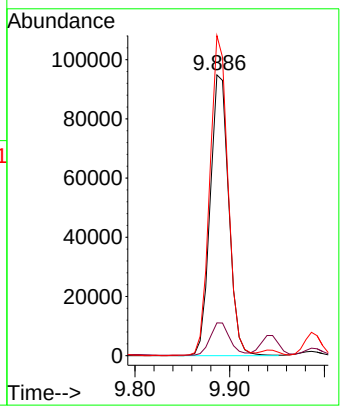
Tgt Ion:138 Resp: 12943

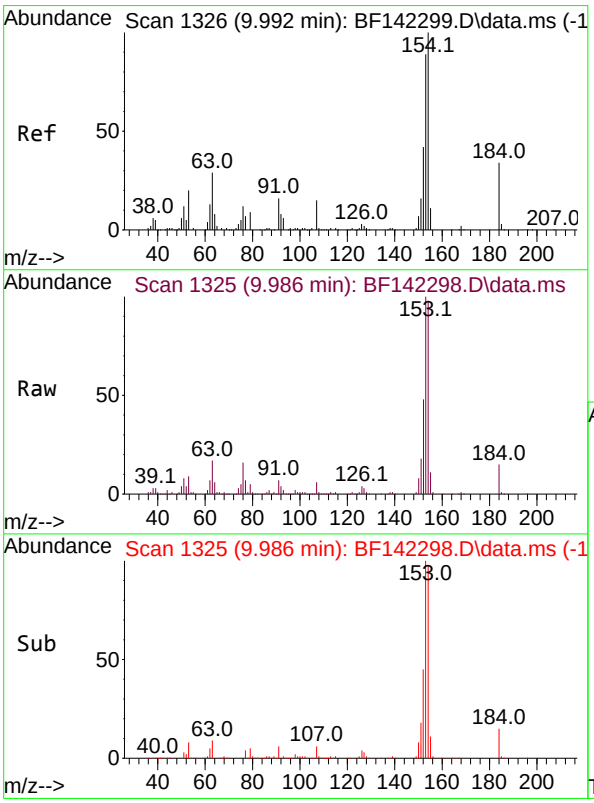
Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.7	13.1
92	114.0	89.5	134.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

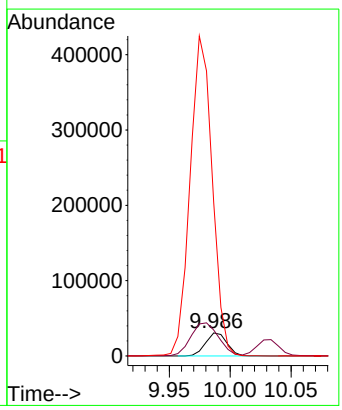


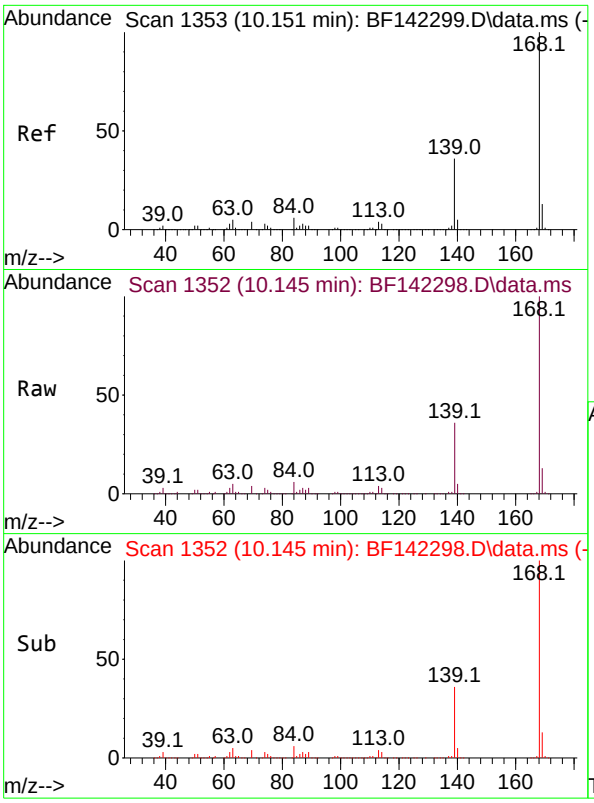


#54
2,4-Dinitrophenol
Concen: 19.641 ng
RT: 9.986 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:184 Resp: 37439

Ion	Ratio	Lower	Upper
184	100		
63	112.9	70.6	105.8#
154	667.4	257.2	385.8#

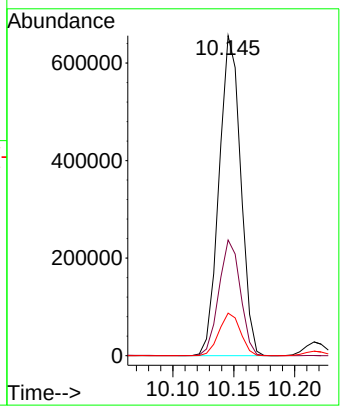




#55
Dibenzofuran
Concen: 21.274 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:168 Resp: 80932

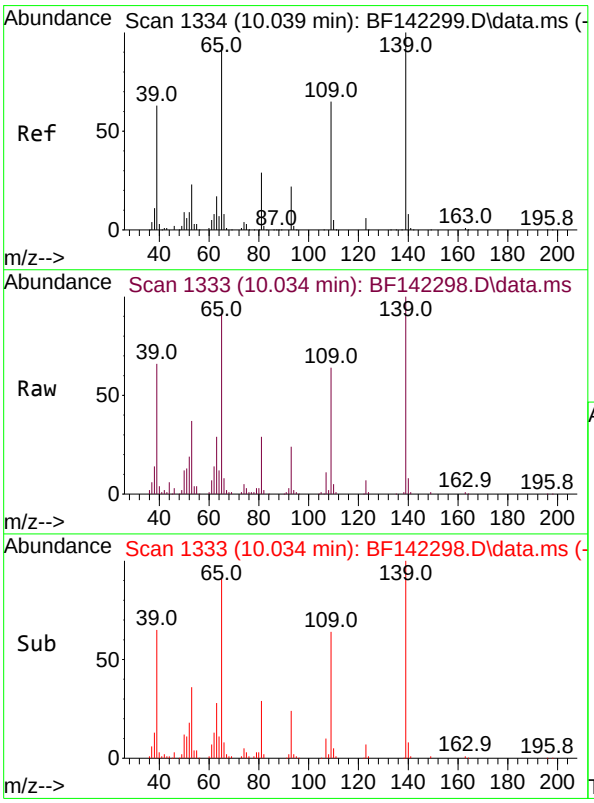
Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.0	43.4
169	13.3	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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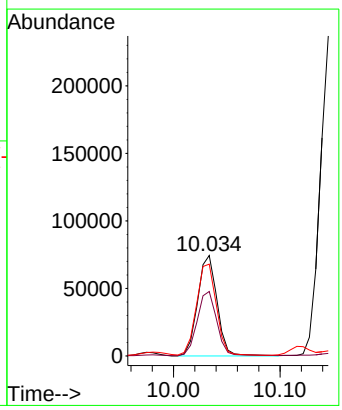
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

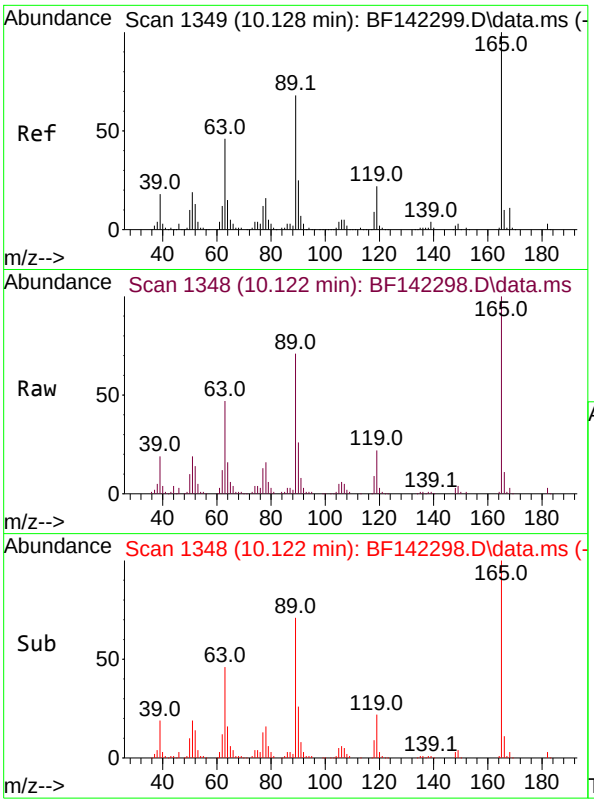


#56
4-Nitrophenol
Concen: 19.802 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:139 Resp: 94419

Ion	Ratio	Lower	Upper
139	100		
109	64.1	45.3	85.3
65	91.3	73.9	113.9

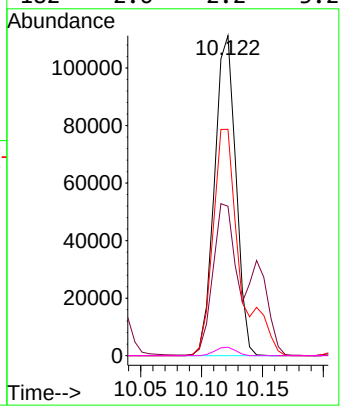




#57
2,4-Dinitrotoluene
Concen: 19.647 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:165 Resp: 13613

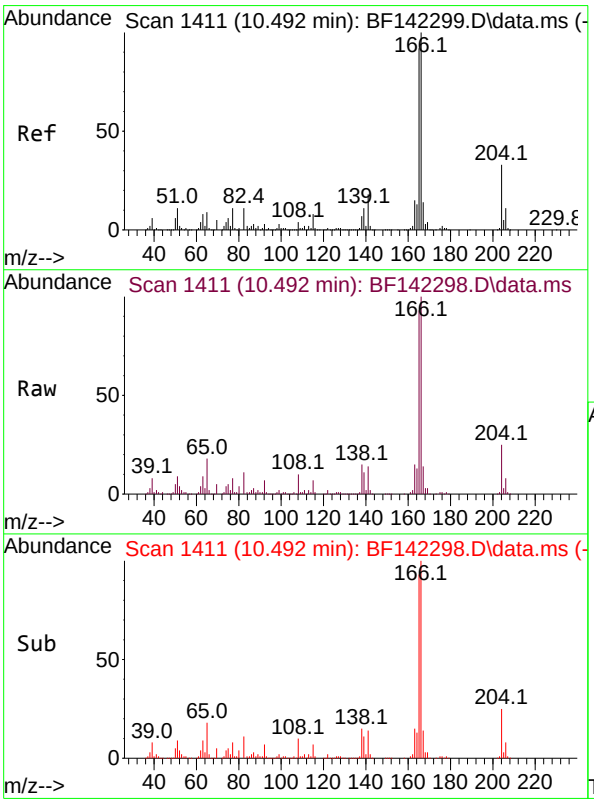
Ion	Ratio	Lower	Upper
165	100		
63	46.7	37.1	55.7
89	70.8	54.4	81.6
182	2.6	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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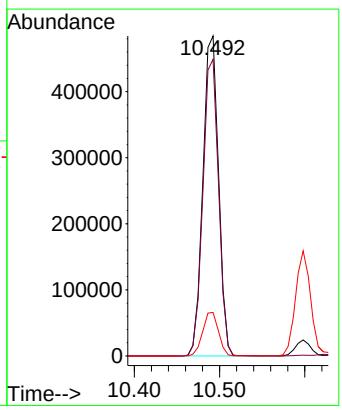
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

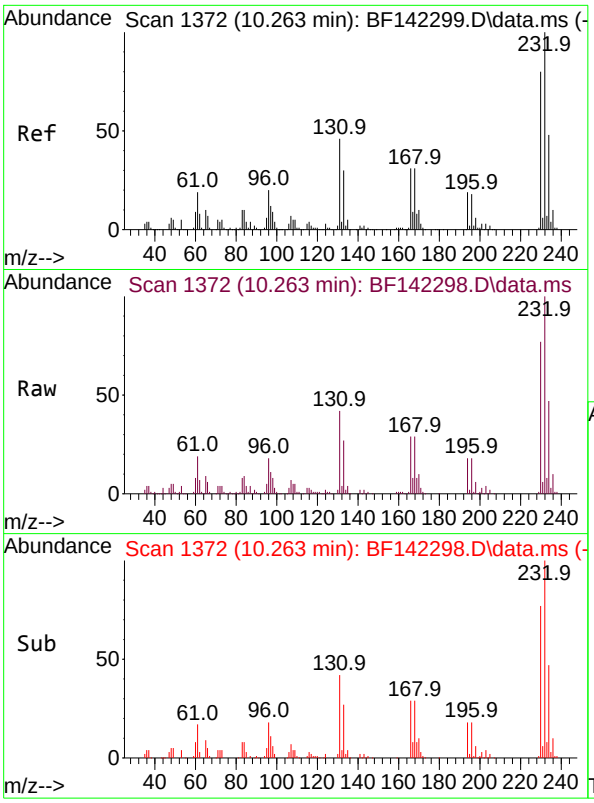


#58
Fluorene
Concen: 21.273 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:166 Resp: 617592

Ion	Ratio	Lower	Upper
166	100		
165	92.7	74.0	111.0
167	13.6	10.9	16.3

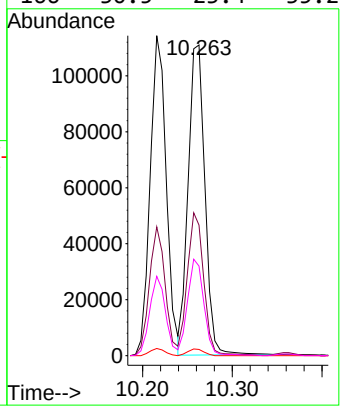




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.664 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:232 Resp: 14370

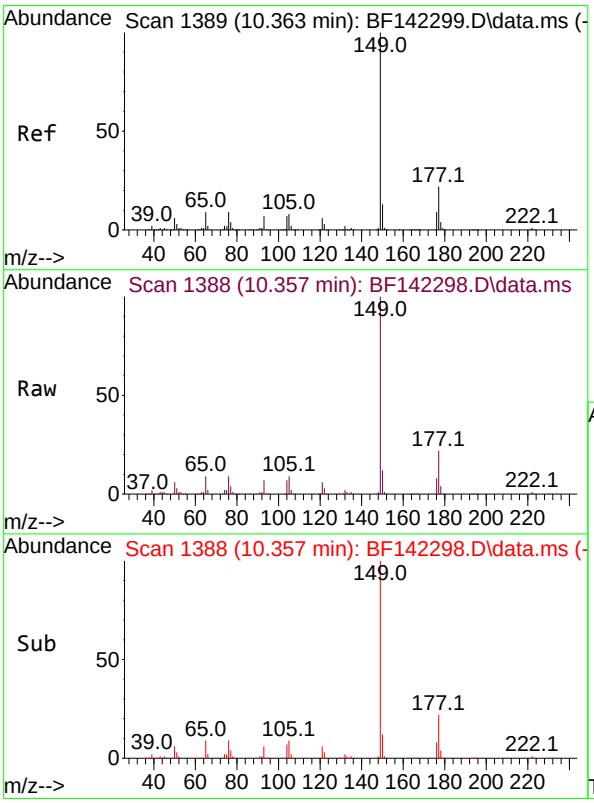
Ion	Ratio	Lower	Upper
232	100		
131	45.0	36.0	54.0
130	2.1	1.8	2.6
166	30.5	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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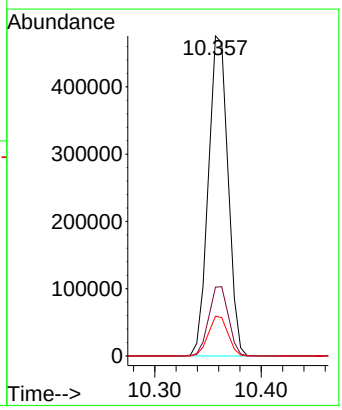
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

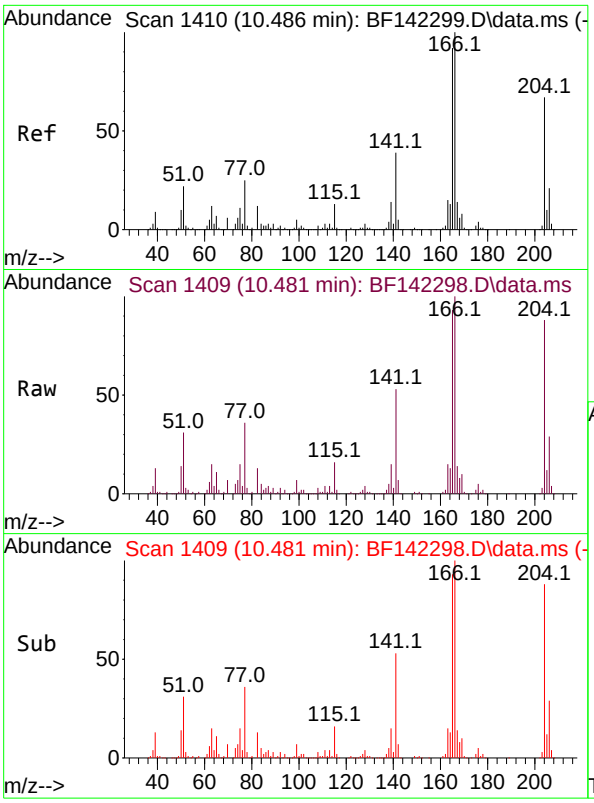


#60
Diethylphthalate
Concen: 21.134 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:149 Resp: 609078

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.6	26.4
150	12.4	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 21.116 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

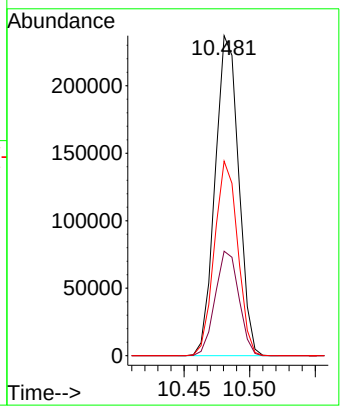
Tgt Ion:204 Resp: 29576

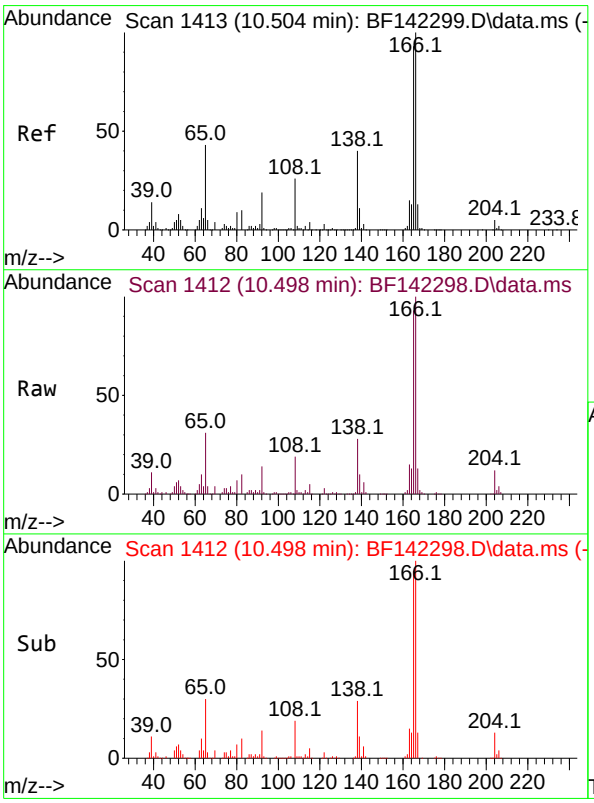
Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.5	38.3
141	60.8	46.4	69.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

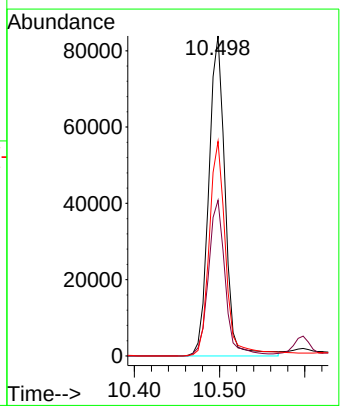


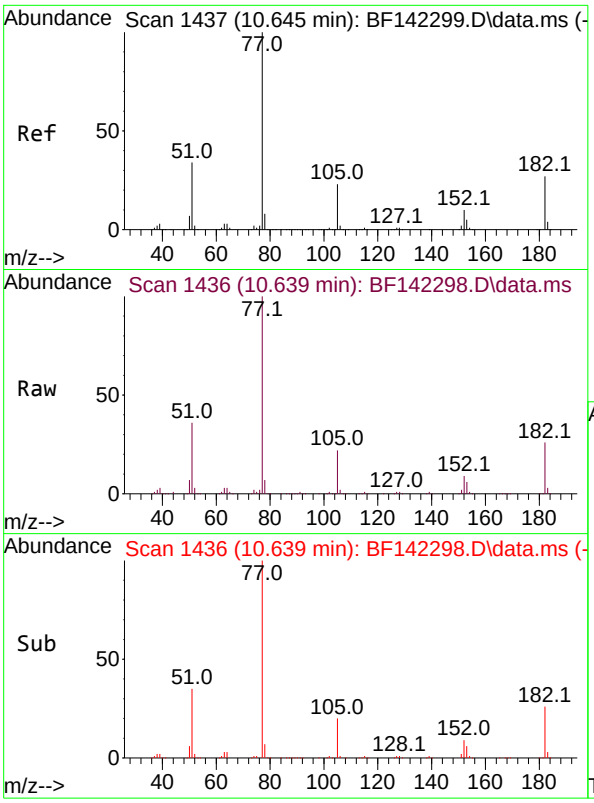


#62
4-Nitroaniline
Concen: 22.228 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:138 Resp: 111613

Ion	Ratio	Lower	Upper
138	100		
92	48.7	27.3	67.3
108	67.0	45.1	85.1

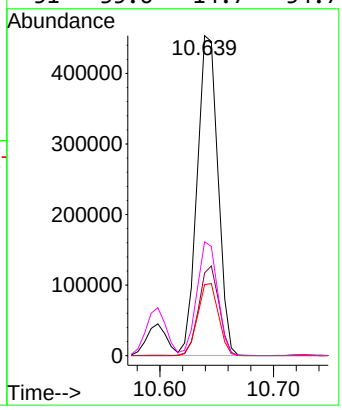




#63
Azobenzene
Concen: 20.964 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 77 Resp: 57734

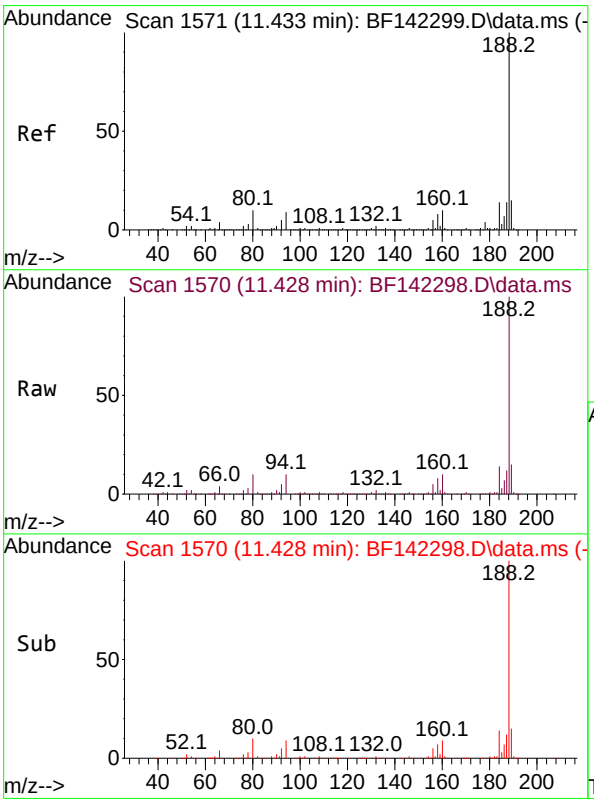
Ion	Ratio	Lower	Upper
77	100		
182	25.8	6.9	46.9
105	22.2	2.7	42.7
51	35.6	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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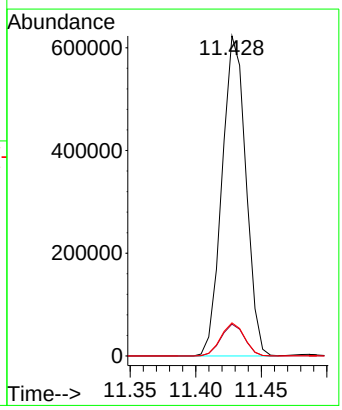
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

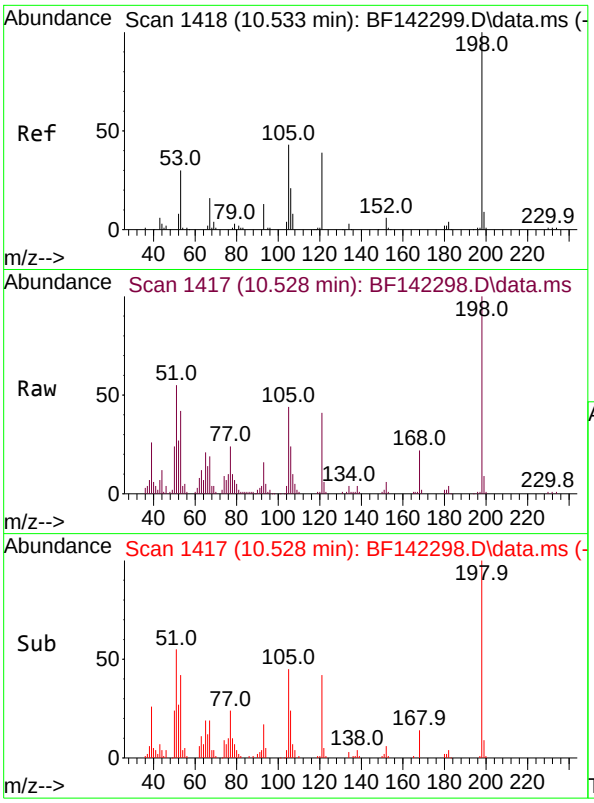


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:188 Resp: 788283

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.5	11.3
80	10.4	7.9	11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 19.555 ng
RT: 10.528 min Scan# 14
Delta R.T. -0.005 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

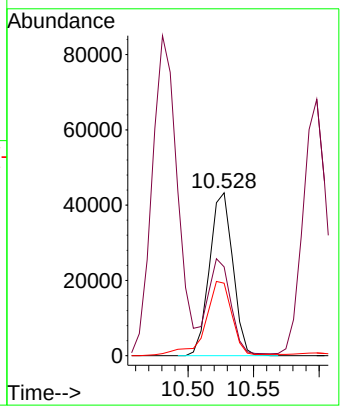
Tgt Ion:198 Resp: 5345

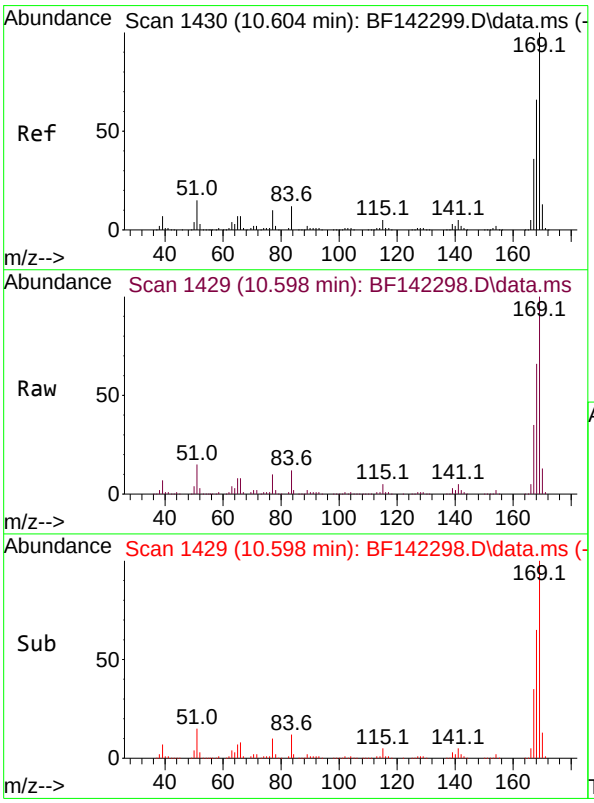
Ion	Ratio	Lower	Upper
198	100		
51	54.5	32.9	72.9
105	44.5	23.7	63.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

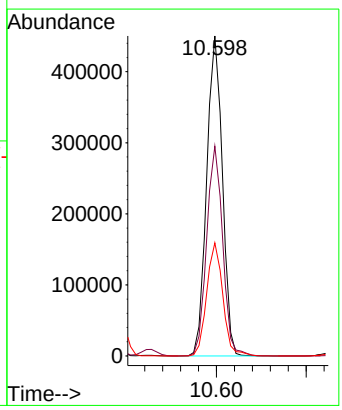


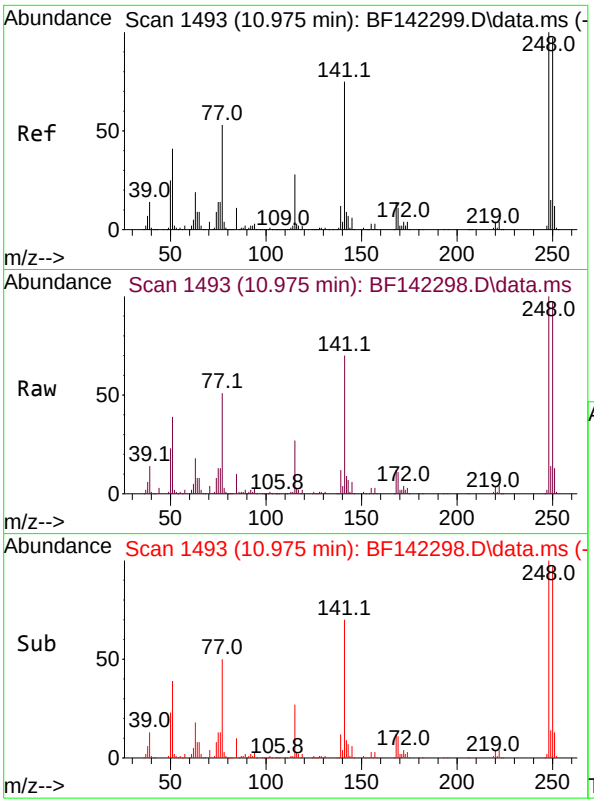


#66
n-Nitrosodiphenylamine
Concen: 20.811 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:169 Resp: 545886

Ion	Ratio	Lower	Upper
169	100		
168	65.6	53.2	79.8
167	35.3	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 20.459 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

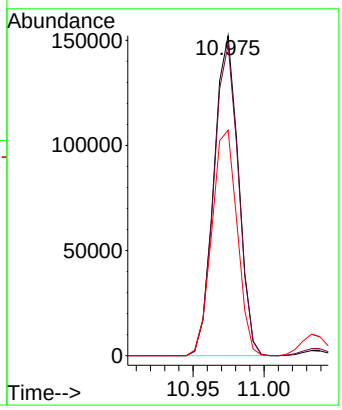
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

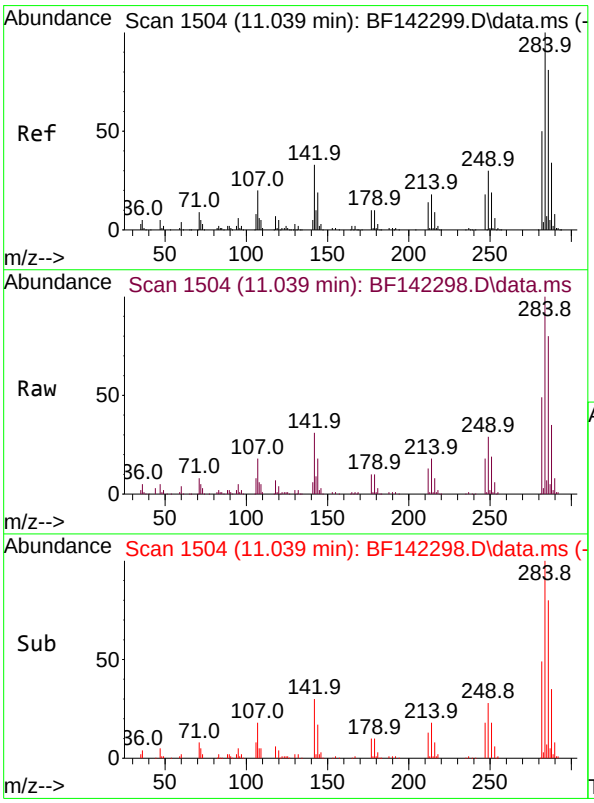
Tgt Ion:248 Resp: 18278

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.9	116.9
141	70.5	59.8	89.8

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

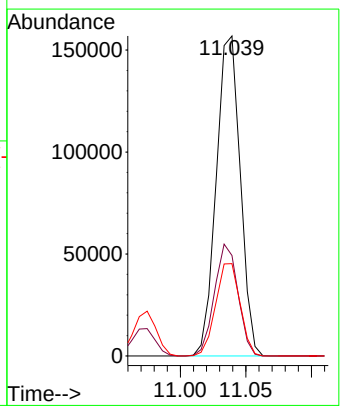


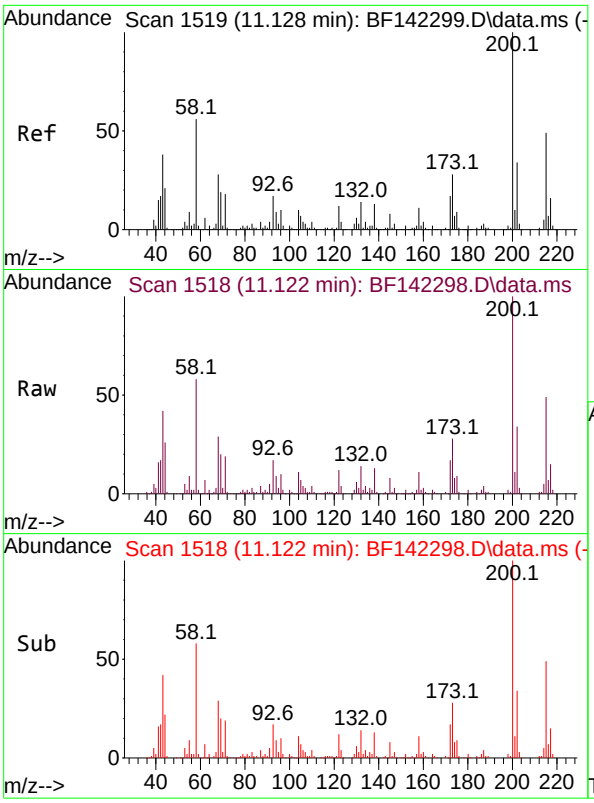


#68
Hexachlorobenzene
Concen: 20.307 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:284 Resp: 199561

Ion	Ratio	Lower	Upper
284	100		
142	31.4	26.6	39.8
249	28.9	24.1	36.1

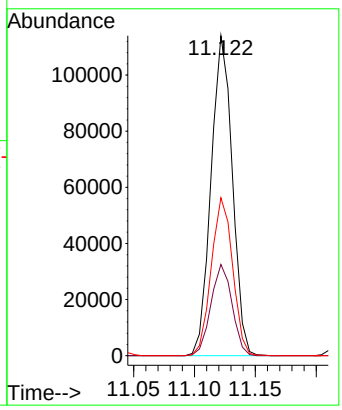




#69
Atrazine
Concen: 20.082 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:200 Resp: 13886

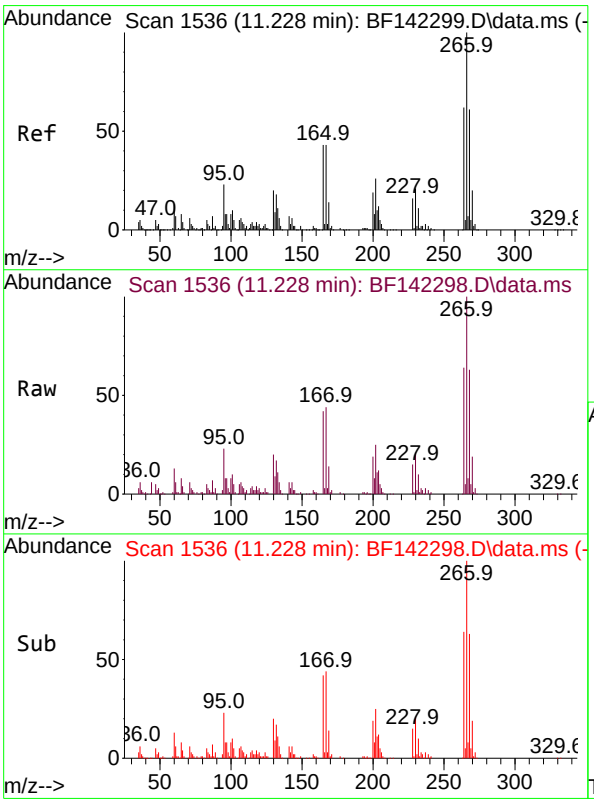
Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.1	48.1
215	49.3	28.8	68.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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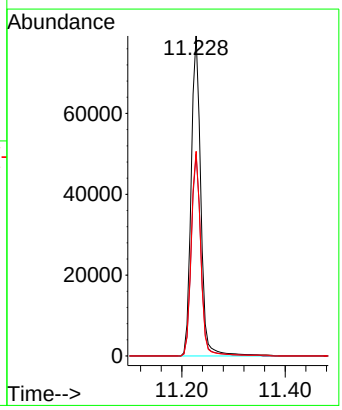
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

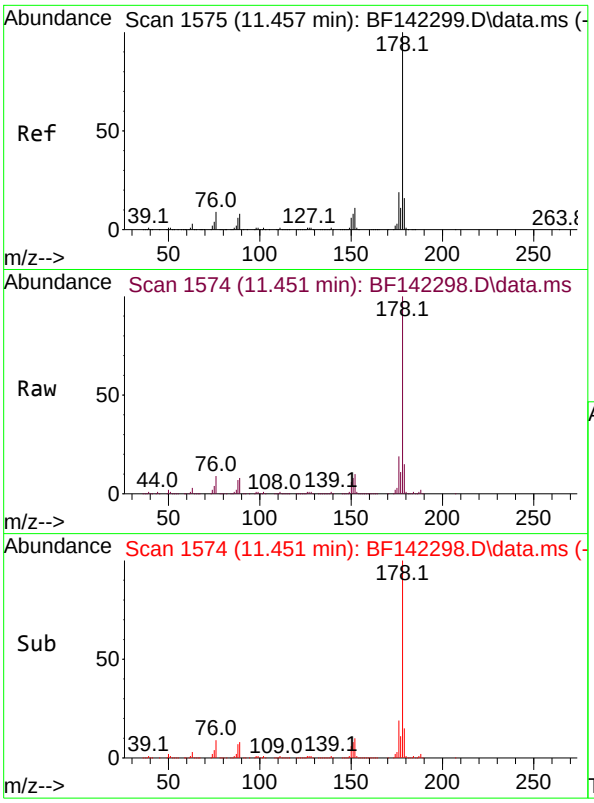


#70
Pentachlorophenol
Concen: 19.845 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:266 Resp: 102593

Ion	Ratio	Lower	Upper
266	100		
268	63.0	48.7	73.1
264	63.9	49.8	74.6

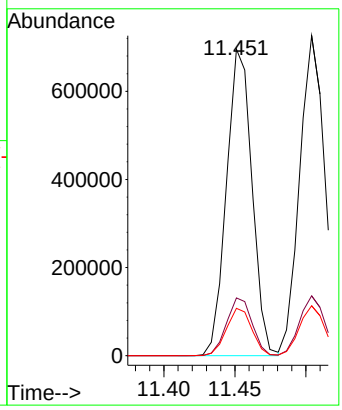




#71
Phenanthrene
Concen: 21.083 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:178 Resp: 87113

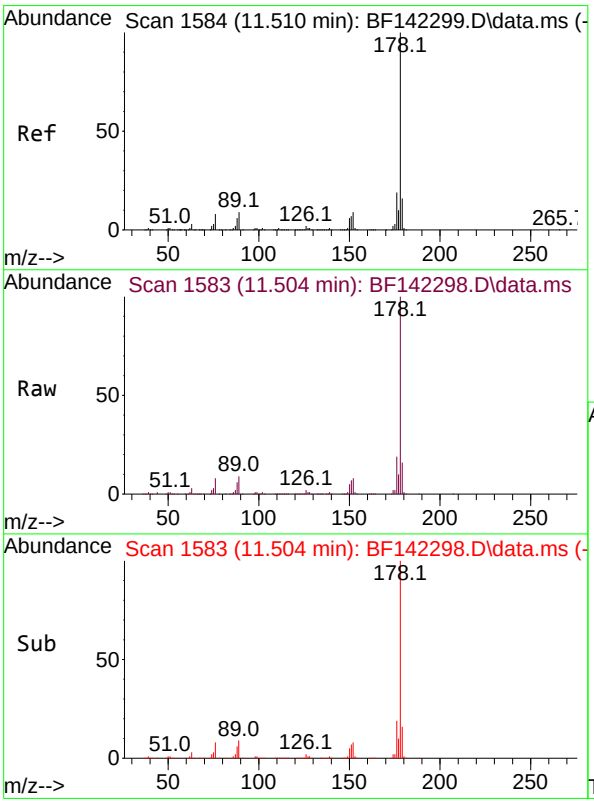
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.5	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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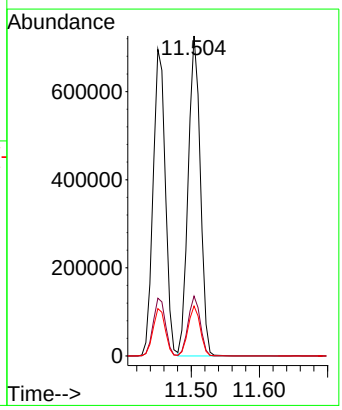
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

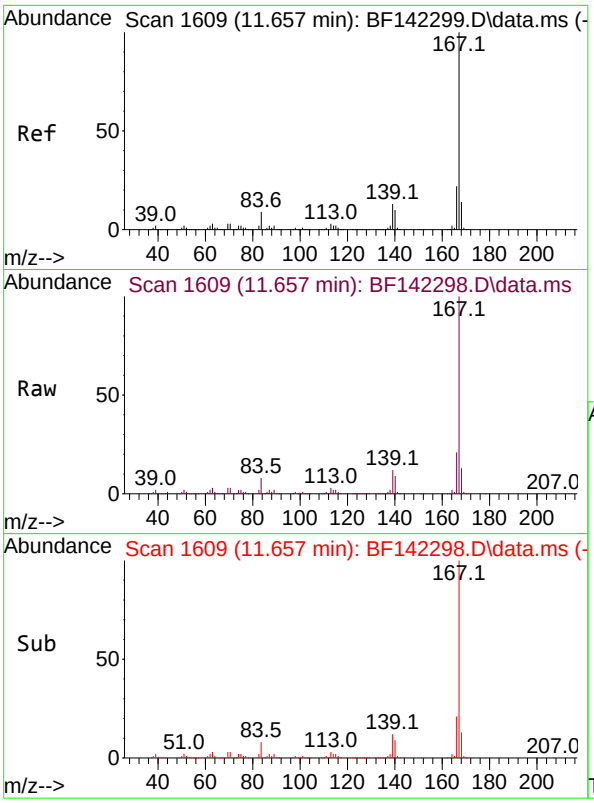


#72
Anthracene
Concen: 21.056 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:178 Resp: 893968

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.6	12.6	18.8

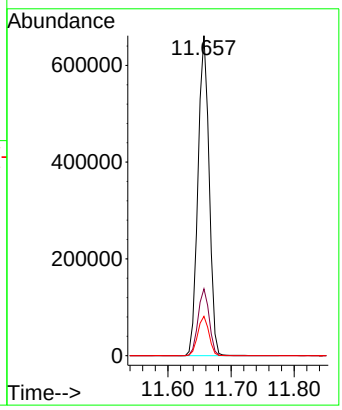




#73
Carbazole
Concen: 21.189 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:167 Resp: 80708

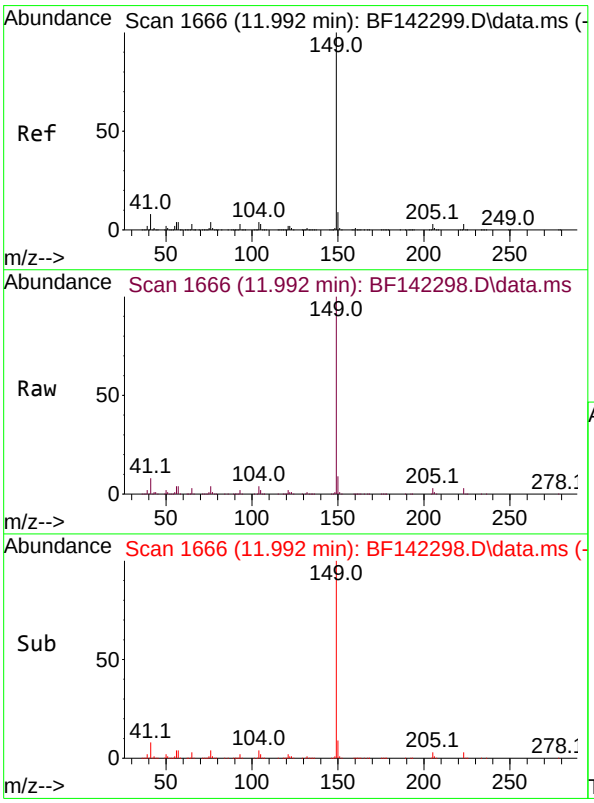
Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.2	25.8
139	12.3	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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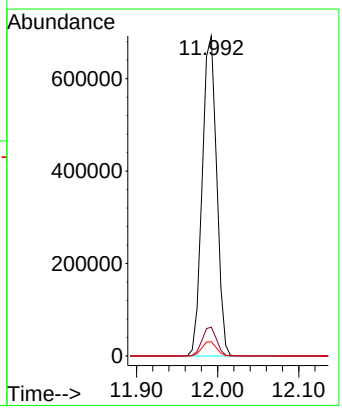
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

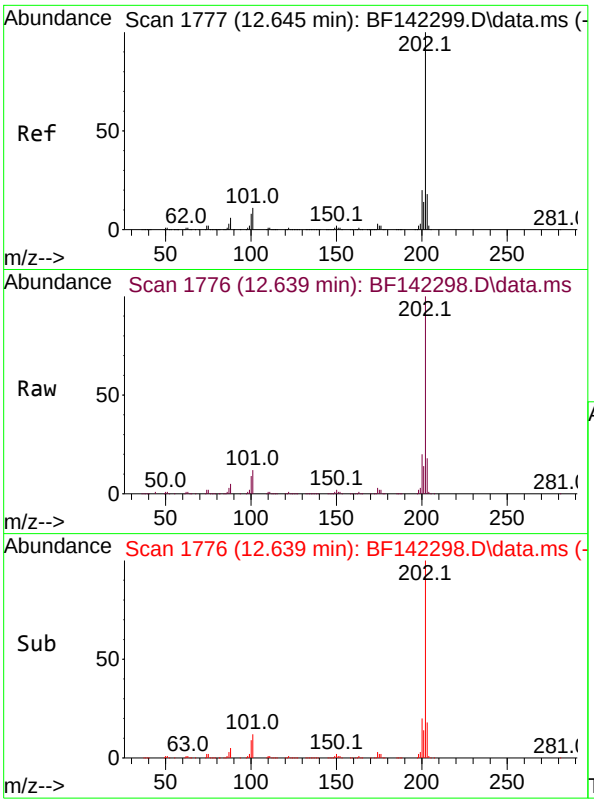


#74
Di-n-butylphthalate
Concen: 21.293 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:149 Resp: 852839

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.4	3.6	5.4





#75
Fluoranthene
Concen: 21.523 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

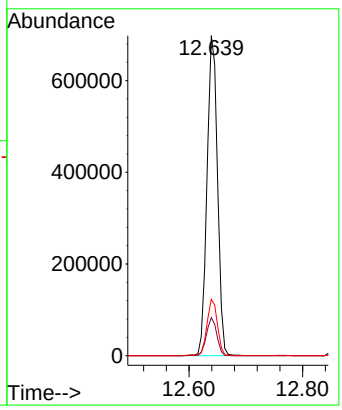
Tgt Ion:202 Resp: 88897

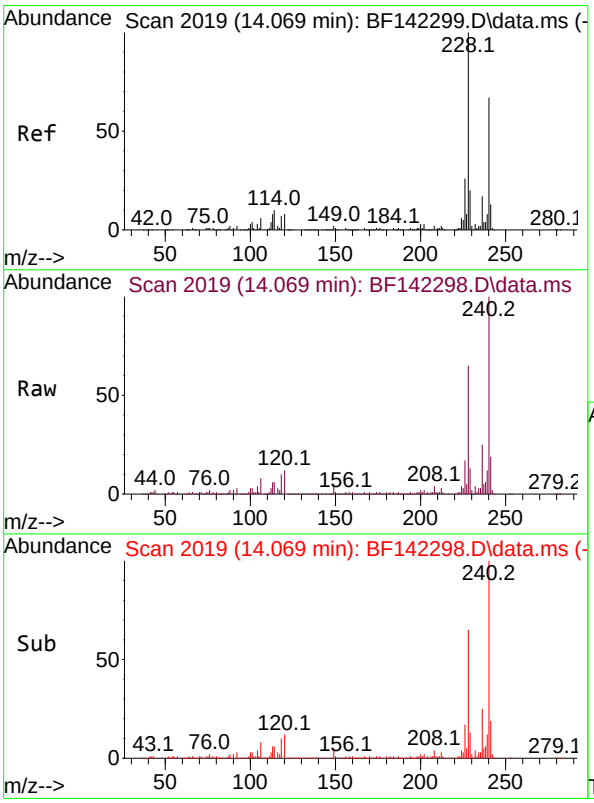
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.4
203	17.6	0.0	37.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

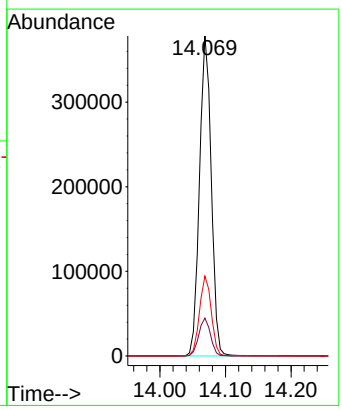


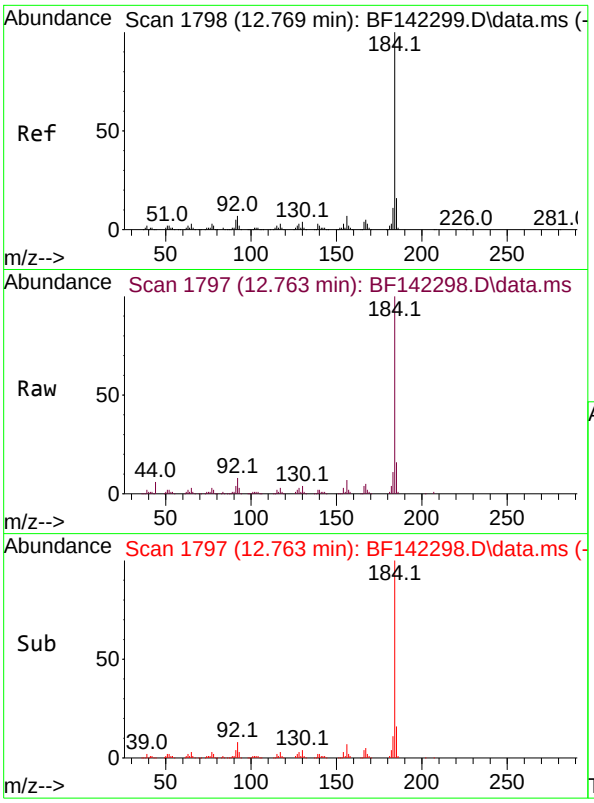


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:240 Resp: 473278

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.7	14.5
236	25.0	20.0	30.0

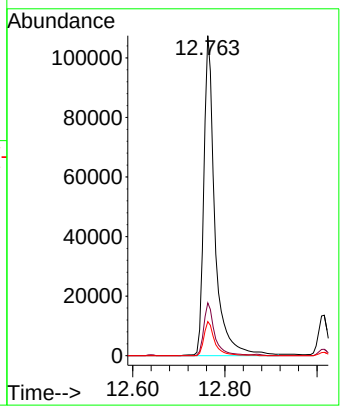




#77
Benzidine
Concen: 21.110 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:184 Resp: 18156

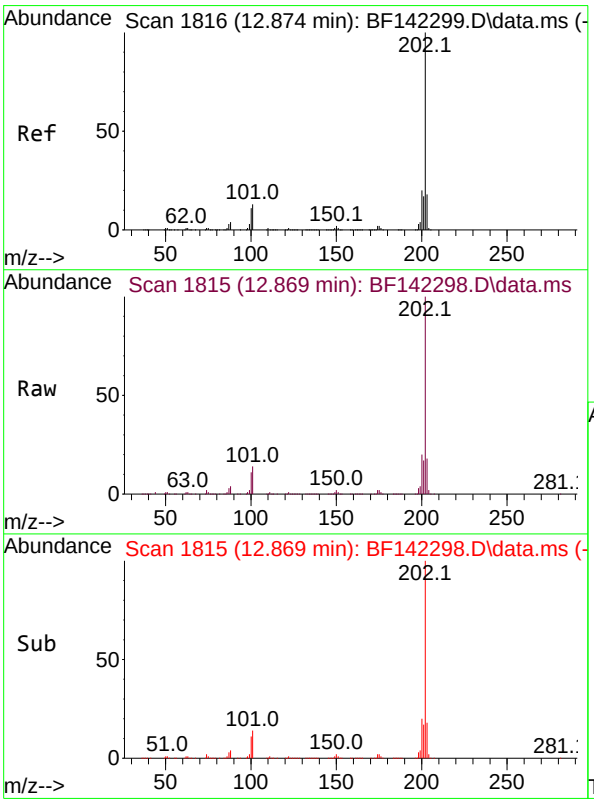
Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.6	18.8
183	10.7	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

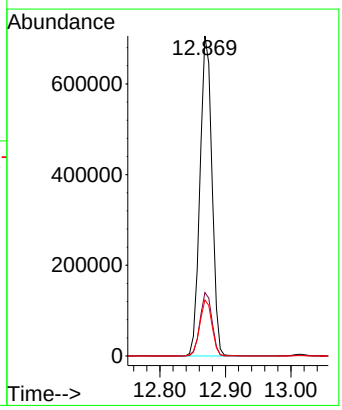
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

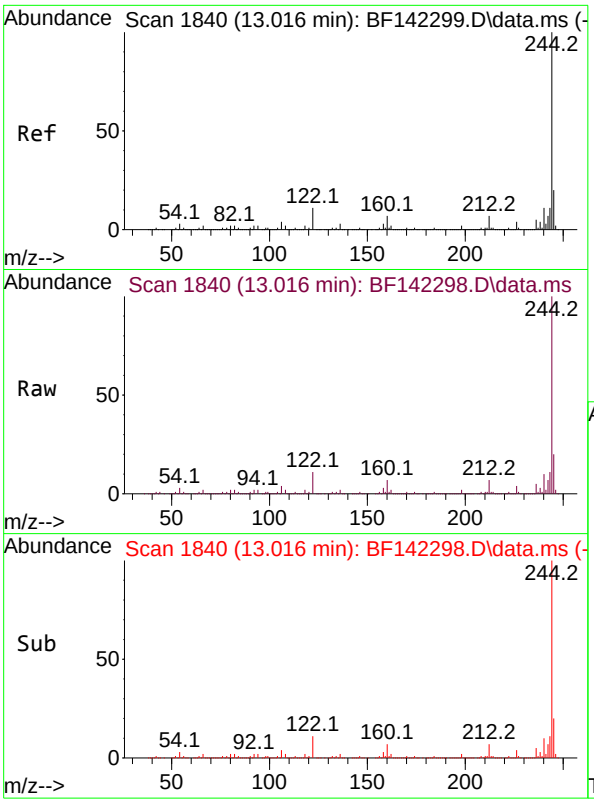


#78
Pyrene
Concen: 21.373 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:202 Resp: 900375

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.2	24.4
203	17.5	14.3	21.5

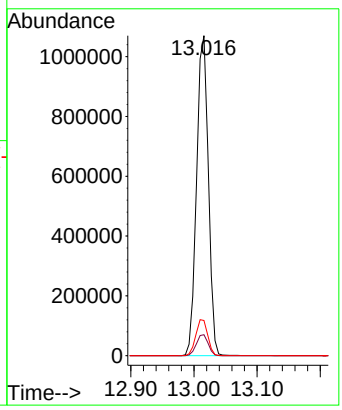




#79
Terphenyl-d14
Concen: 43.222 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:244 Resp: 138206

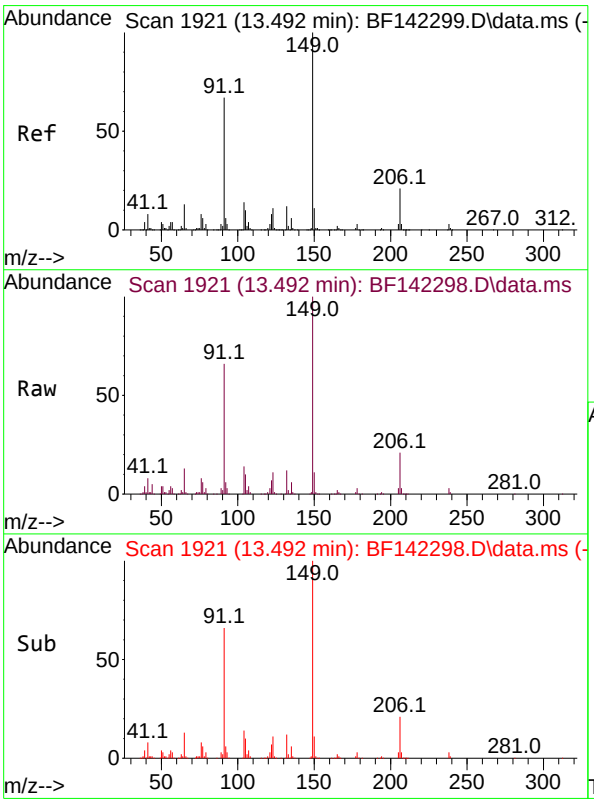
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	11.0	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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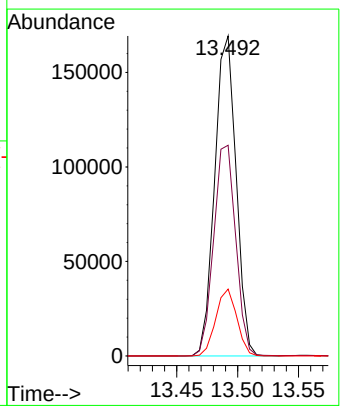
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

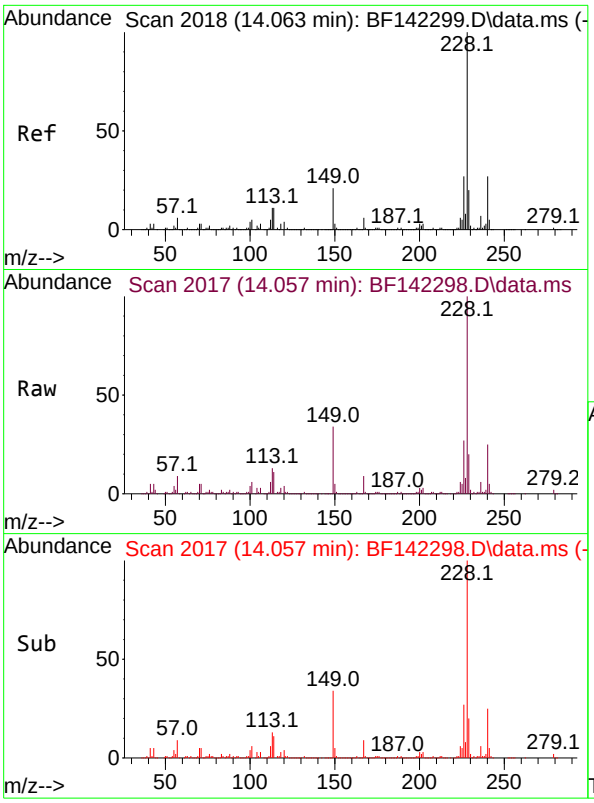


#80
Butylbenzylphthalate
Concen: 19.258 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:149 Resp: 207602

Ion	Ratio	Lower	Upper
149	100		
91	65.8	53.8	80.6
206	20.9	16.6	24.8

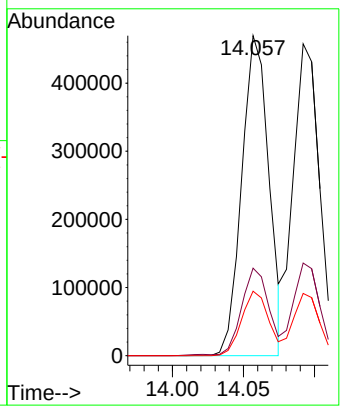




#81
Benzo(a)anthracene
Concen: 20.336 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:228 Resp: 62328

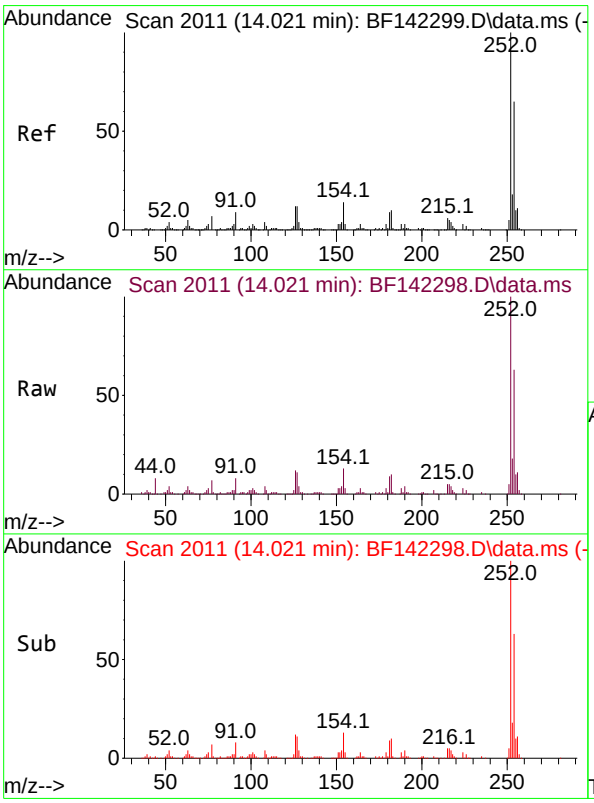
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.5	32.3
229	20.2	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

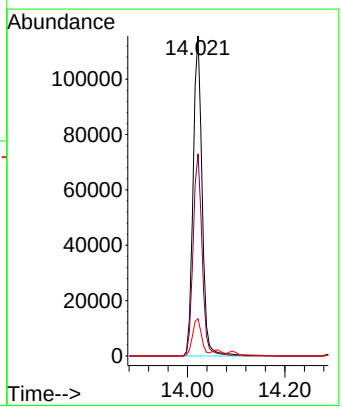
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

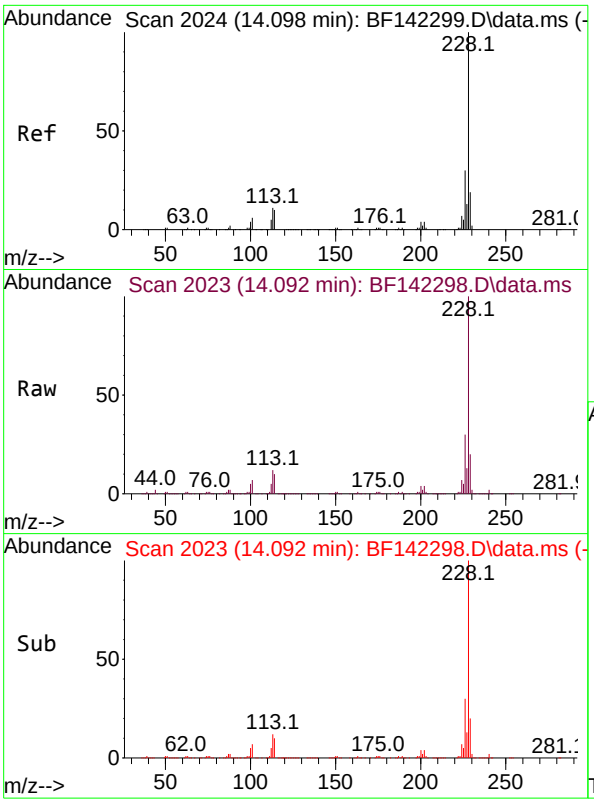


#82
3,3'-Dichlorobenzidine
Concen: 20.978 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:252 Resp: 149520

Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.0	78.0
126	11.7	9.7	14.5

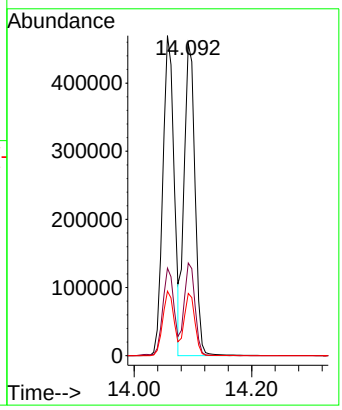




#83
Chrysene
Concen: 20.676 ng
RT: 14.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:228 Resp: 58996

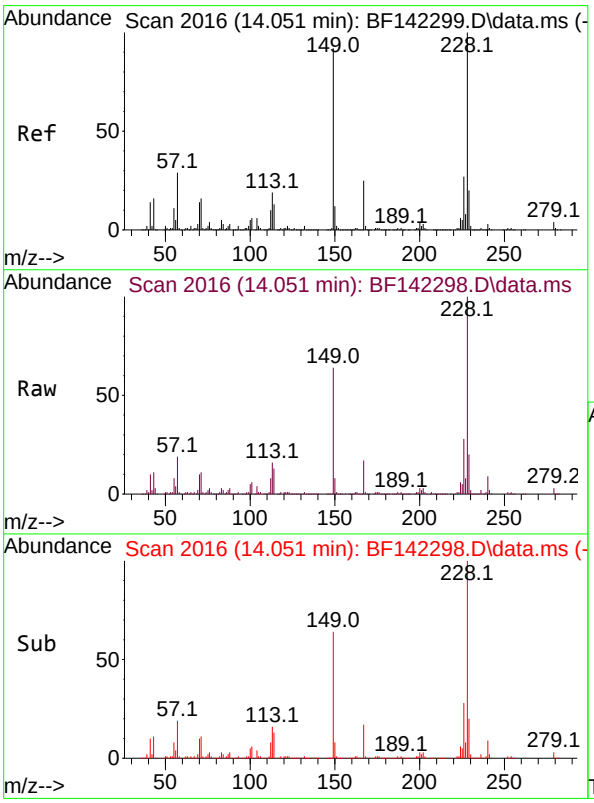
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.9	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

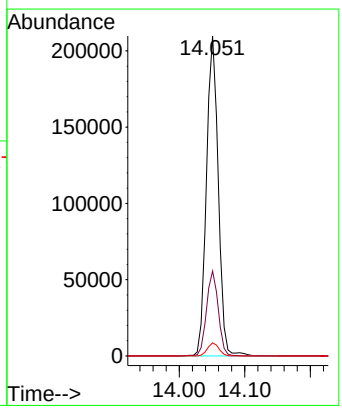
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

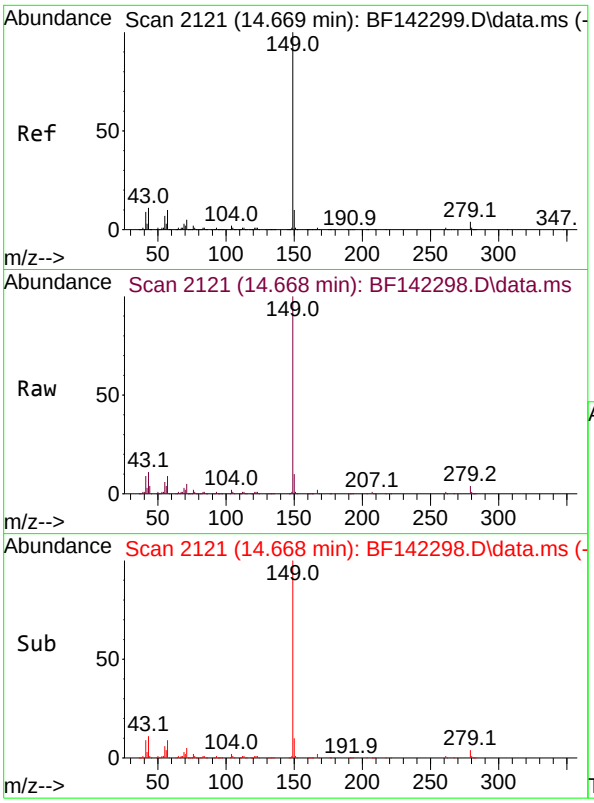


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.237 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:149 Resp: 263391

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.0	33.0
279	4.1	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 19.581 ng
RT: 14.668 min Scan# 21
Delta R.T. -0.001 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

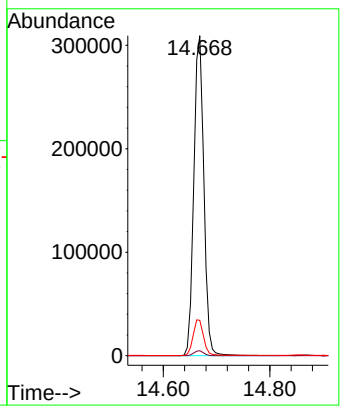
Tgt Ion:149 Resp: 40507

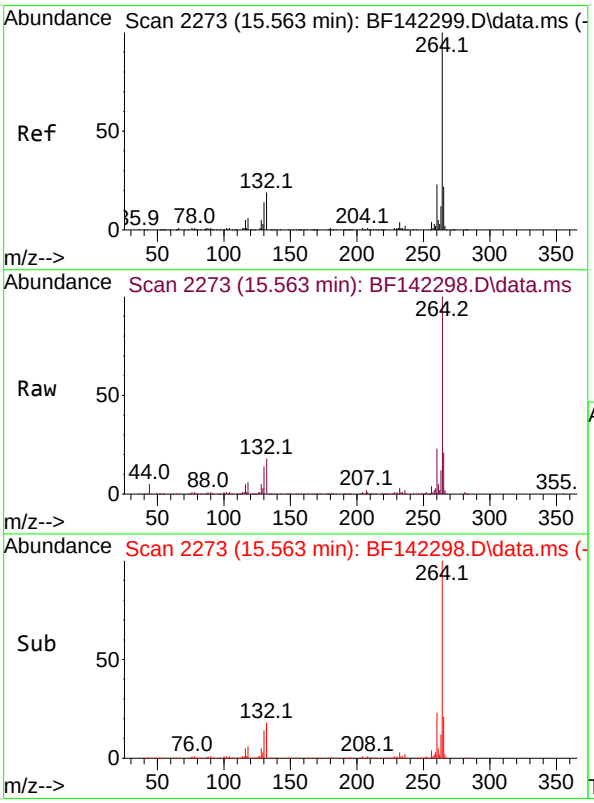
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.8	9.2	13.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

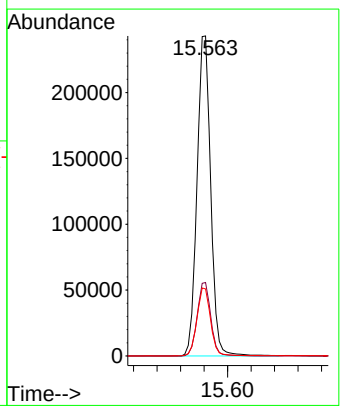


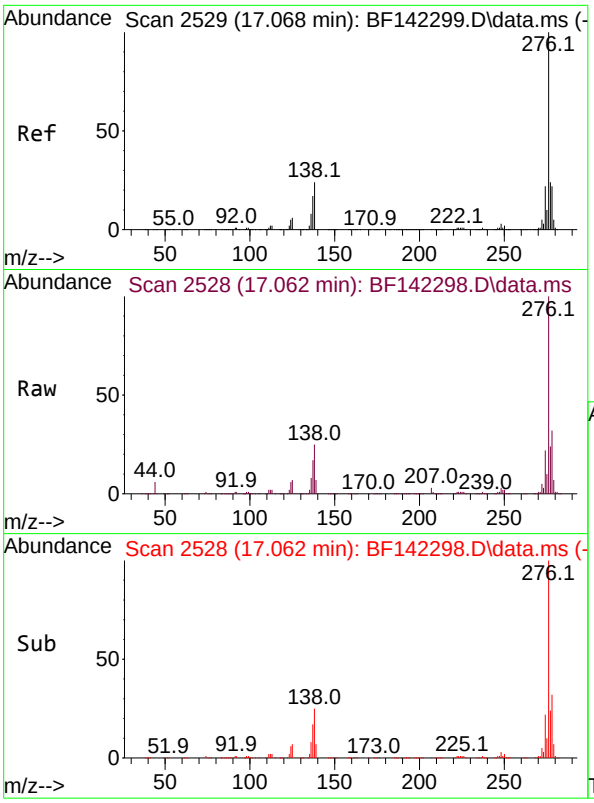


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:264 Resp: 392077

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.0	17.5	26.3

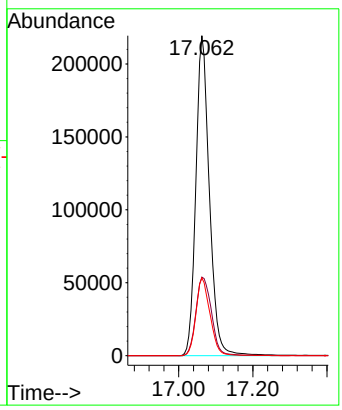




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.421 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:276 Resp: 55696

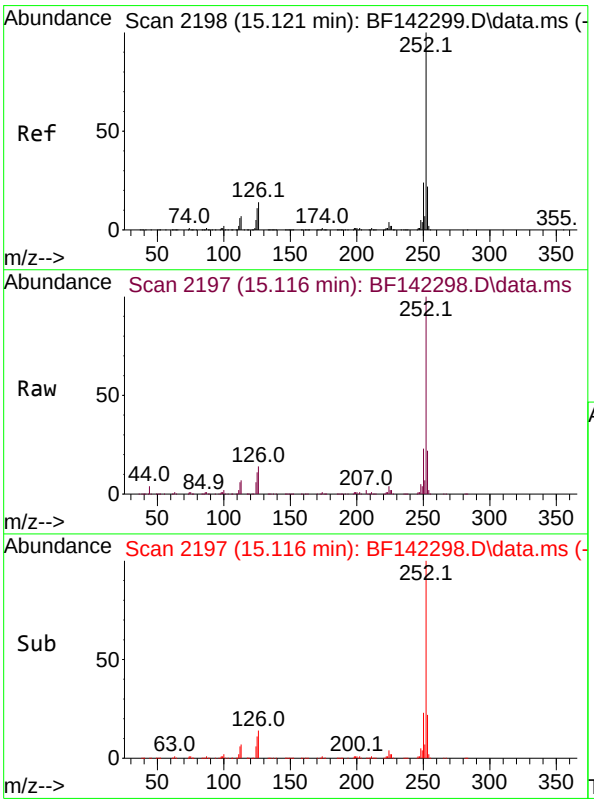
Ion	Ratio	Lower	Upper
276	100		
138	28.3	22.0	33.0
277	25.2	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

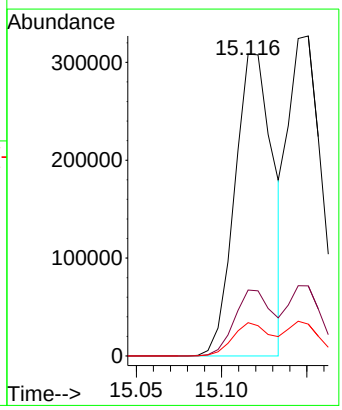
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

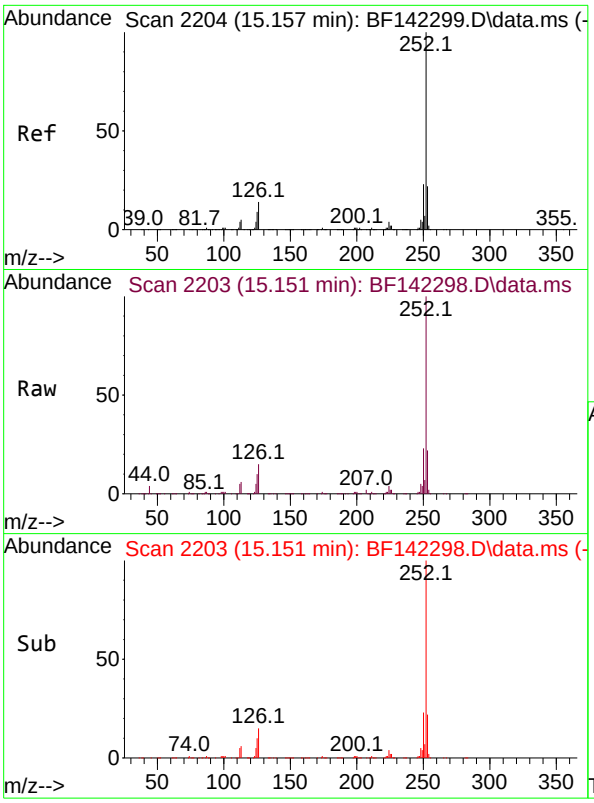


#88
Benzo(b)fluoranthene
Concen: 20.261 ng
RT: 15.116 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:252 Resp: 481134

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	11.0	8.7	13.1

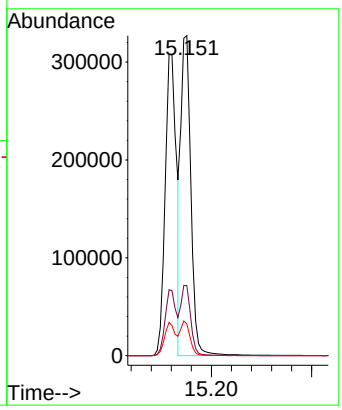




#89
Benzo(k)fluoranthene
Concen: 20.996 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:252 Resp: 45626

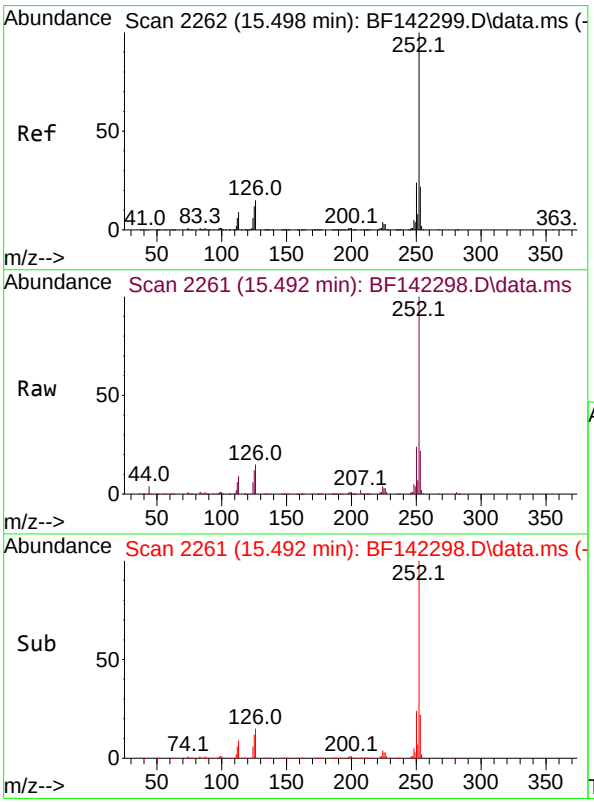
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.0	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

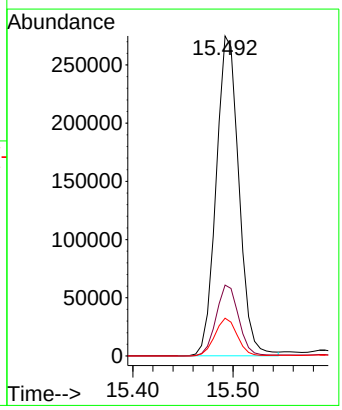
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

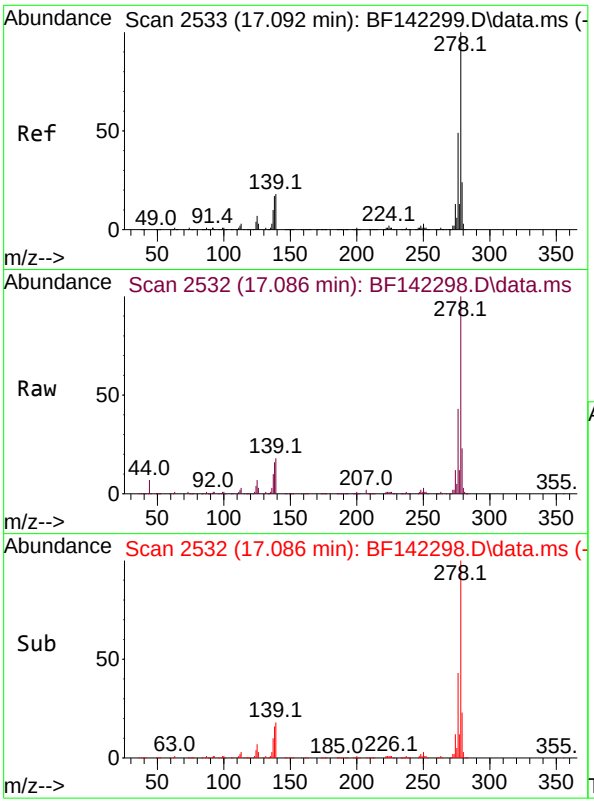


#90
Benzo(a)pyrene
Concen: 20.308 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:252 Resp: 432151

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.8	9.4	14.0

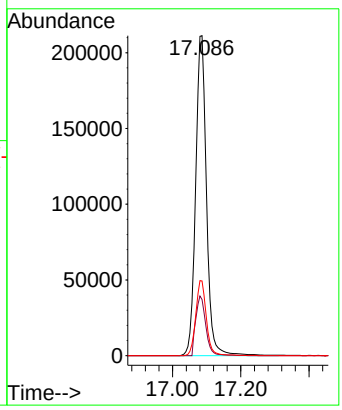




#91
Dibenzo(a,h)anthracene
Concen: 20.783 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:278 Resp: 46830

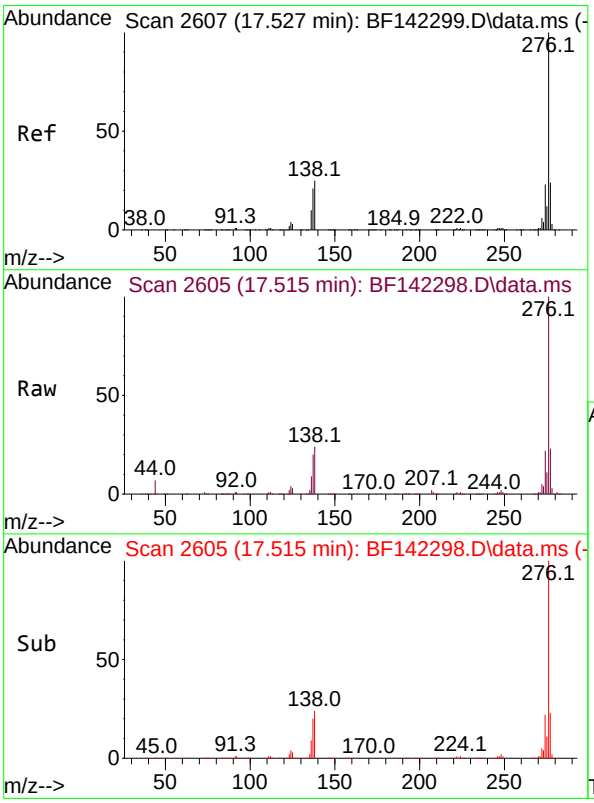
Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.5	21.7
279	23.3	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

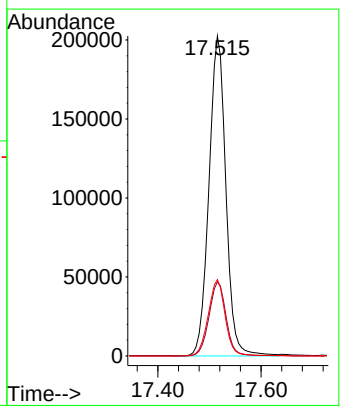
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#92
Benzo(g,h,i)perylene
Concen: 20.598 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.012 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:276 Resp: 460655

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.6
138	23.9	19.8	29.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142299.D
Acq On : 05 May 2025 15:50
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 17:59:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	215157	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	842526	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	453823	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	760936	20.000	ng	0.00
76) Chrysene-d12	14.069	240	448285	20.000	ng	0.00
86) Perylene-d12	15.563	264	426732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	968719	76.859	ng	0.00
7) Phenol-d6	6.522	99	1182959	76.311	ng	0.00
23) Nitrobenzene-d5	7.469	82	1103045	79.845	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	347351	79.275	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2308950	72.545	ng	0.00
79) Terphenyl-d14	13.016	244	2250335	74.299	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	216454	38.137	ng	100
3) Pyridine	3.452	79	505899	37.907	ng	100
4) n-Nitrosodimethylamine	3.405	42	299573	38.681	ng	100
6) Aniline	6.569	93	631218	41.514	ng	100
8) 2-Chlorophenol	6.687	128	525501	39.017	ng	100
9) Benzaldehyde	6.457	77	315981	34.827	ng	100
10) Phenol	6.540	94	633459m	38.550	ng	
11) bis(2-Chloroethyl)ether	6.640	93	582128m	35.924	ng	
12) 1,3-Dichlorobenzene	6.845	146	579737	37.624	ng	100
13) 1,4-Dichlorobenzene	6.922	146	586776	37.927	ng	100
14) 1,2-Dichlorobenzene	7.075	146	566937	38.177	ng	100
15) Benzyl Alcohol	7.040	79	399542	39.803	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.181	45	918775	37.969	ng	100
17) 2-Methylphenol	7.151	107	418080	38.341	ng	100
18) Hexachloroethane	7.422	117	199182	38.694	ng	100
19) n-Nitroso-di-n-propyla...	7.316	70	370009	38.588	ng	100
20) 3+4-Methylphenols	7.304	107	524172	38.517	ng	100
22) Acetophenone	7.316	105	701214	37.432	ng	100
24) Nitrobenzene	7.487	77	516127	39.634	ng	100
25) Isophorone	7.728	82	988094	37.771	ng	100
26) 2-Nitrophenol	7.804	139	222173	36.469	ng	100
27) 2,4-Dimethylphenol	7.834	122	501635	38.139	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	629800	37.440	ng	100
29) 2,4-Dichlorophenol	8.040	162	442388	39.562	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	473497	37.625	ng	100
31) Naphthalene	8.210	128	1526020	37.372	ng	100
32) Benzoic acid	7.940	122	235641	36.564	ng	100
33) 4-Chloroaniline	8.257	127	645610m	38.817	ng	
34) Hexachlorobutadiene	8.328	225	282333	37.888	ng	100
35) Caprolactam	8.622	113	132846	40.850	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	447226	38.475	ng	100
37) 2-Methylnaphthalene	8.904	142	958304	37.768	ng	100
38) 1-Methylnaphthalene	8.998	142	1000206	37.821	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	467314	36.869	ng	100
41) Hexachlorocyclopentadiene	9.057	237	311649	39.785	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	318860	39.883	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142299.D
Acq On : 05 May 2025 15:50
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 17:59:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	329034	38.680	ng	100
46) 1,1'-Biphenyl	9.363	154	1280889	36.811	ng	100
47) 2-Chloronaphthalene	9.392	162	959880	37.093	ng	100
48) 2-Nitroaniline	9.481	65	270673	40.808	ng	100
49) Acenaphthylene	9.804	152	1618066	37.378	ng	100
50) Dimethylphthalate	9.663	163	1097900	37.675	ng	100
51) 2,6-Dinitrotoluene	9.722	165	222509	40.792	ng	100
52) Acenaphthene	9.981	154	967532	37.171	ng	100
53) 3-Nitroaniline	9.892	138	259735	40.600	ng	100
54) 2,4-Dinitrophenol	9.992	184	88227	35.617	ng	100
55) Dibenzofuran	10.151	168	1411519	36.745	ng	100
56) 4-Nitrophenol	10.039	139	194419	40.380	ng	100
57) 2,4-Dinitrotoluene	10.128	165	288836	41.281	ng	100
58) Fluorene	10.492	166	1084214	36.984	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	277041	39.451	ng	100
60) Diethylphthalate	10.363	149	1095399	37.640	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	523719	37.028	ng	100
62) 4-Nitroaniline	10.504	138	203816	40.198	ng	100
63) Azobenzene	10.645	77	1027227	36.938	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	123079	36.690	ng	100
66) n-Nitrosodiphenylamine	10.604	169	957534	37.816	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	328625	38.106	ng	100
68) Hexachlorobenzene	11.039	284	360906	38.046	ng	100
69) Atrazine	11.128	200	265558	39.786	ng	100
70) Pentachlorophenol	11.228	266	211262	42.334	ng	100
71) Phenanthrene	11.457	178	1503192	37.687	ng	100
72) Anthracene	11.510	178	1549487	37.808	ng	100
73) Carbazole	11.657	167	1409408	38.332	ng	100
74) Di-n-butylphthalate	11.992	149	1540981	39.856	ng	100
75) Fluoranthene	12.645	202	1499802	37.616	ng	100
77) Benzidine	12.769	184	321040	39.408	ng	100
78) Pyrene	12.874	202	1528516	38.307	ng	100
80) Butylbenzylphthalate	13.492	149	420197	36.993	ng	100
81) Benzo(a)anthracene	14.063	228	1109518	38.218	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	265678	39.352	ng	100
83) Chrysene	14.098	228	989811	36.624	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	539105	36.650	ng	100
85) Di-n-octyl phthalate	14.669	149	922803	36.079	ng	100
87) Indeno(1,2,3-cd)pyrene	17.068	276	1181269	39.794	ng	100
88) Benzo(b)fluoranthene	15.121	252	992827	38.414	ng	100
89) Benzo(k)fluoranthene	15.157	252	888026	37.546	ng	100
90) Benzo(a)pyrene	15.498	252	909479	39.269	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	970622	39.578	ng	100
92) Benzo(g,h,i)perylene	17.527	276	956211	39.285	ng	100

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

ICAL Form

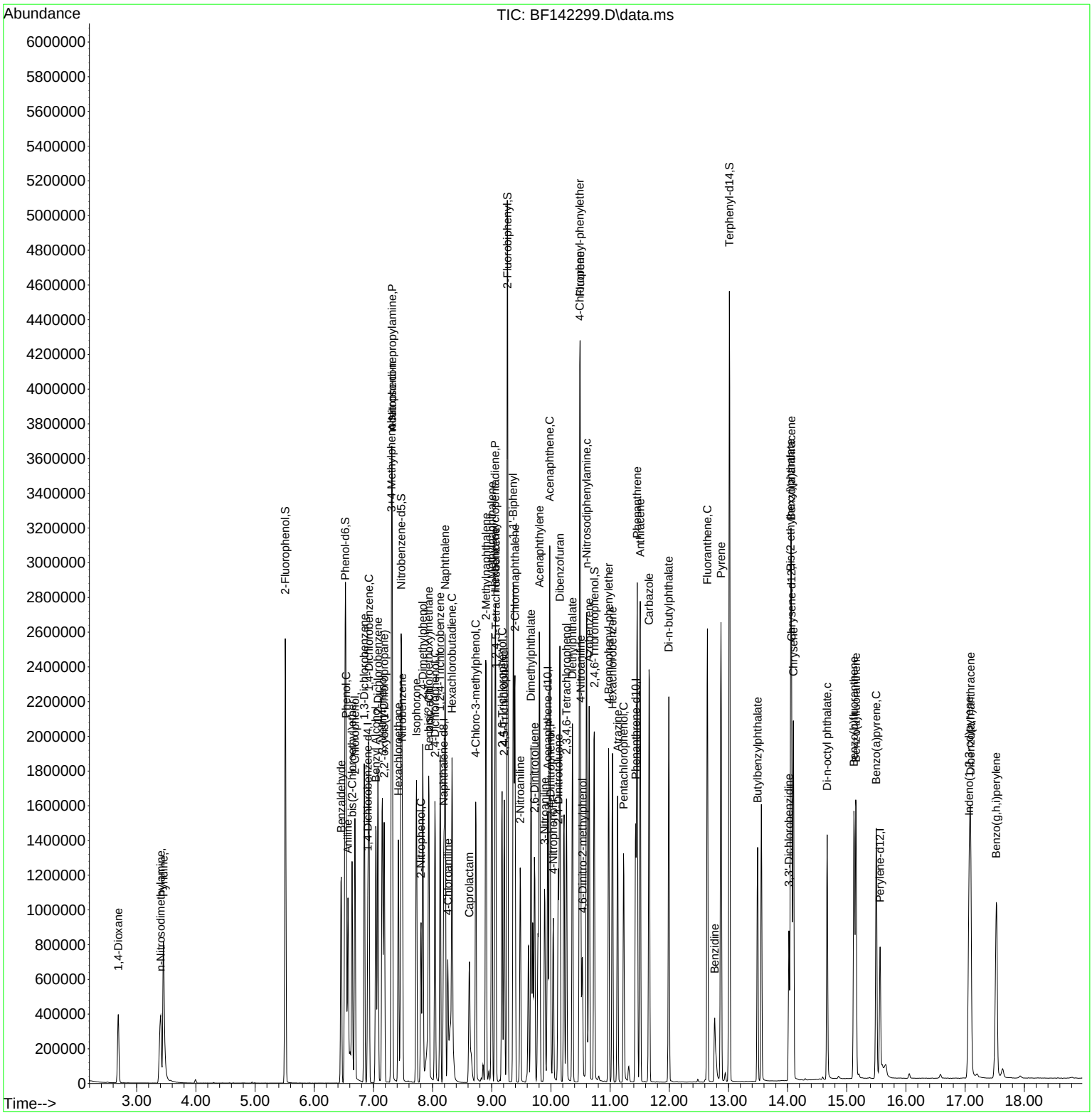
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Data File : BF142299.D
Acq On : 05 May 2025 15:50
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

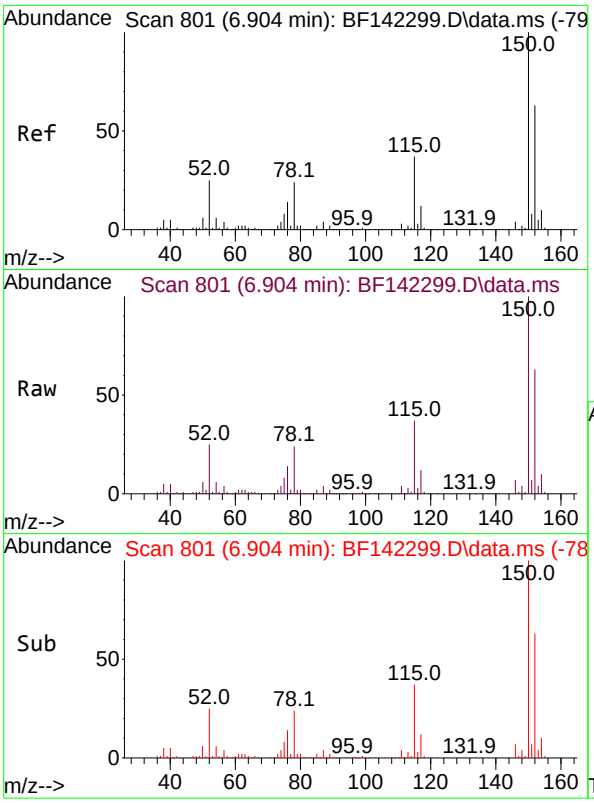
Quant Time: May 05 17:59:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

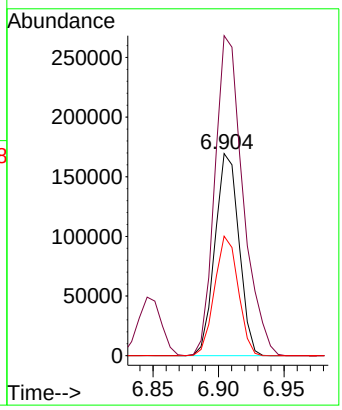




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:152 Resp: 21515

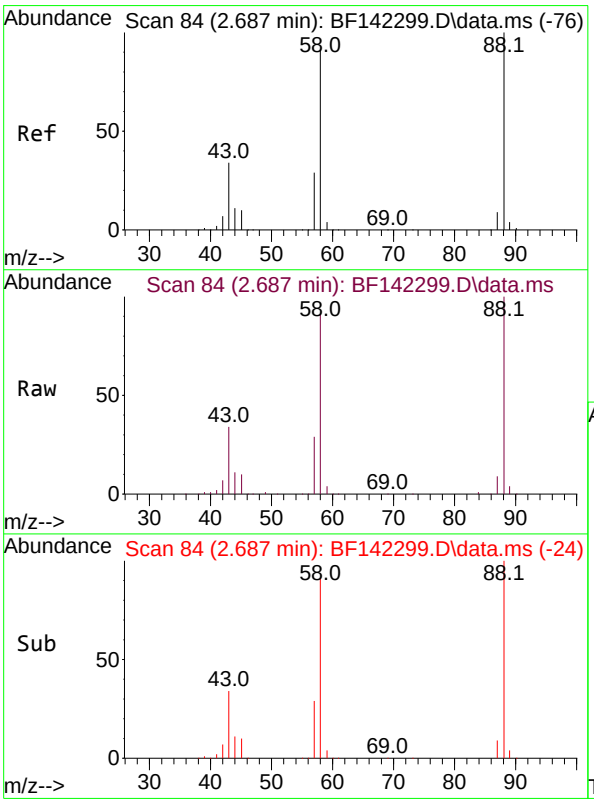
Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.6	190.0
115	59.1	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

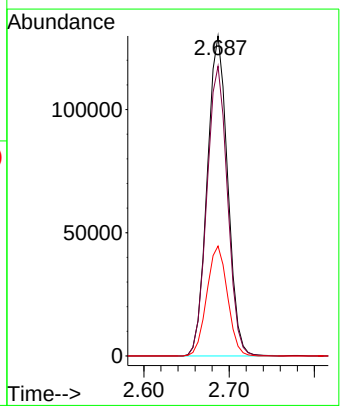
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

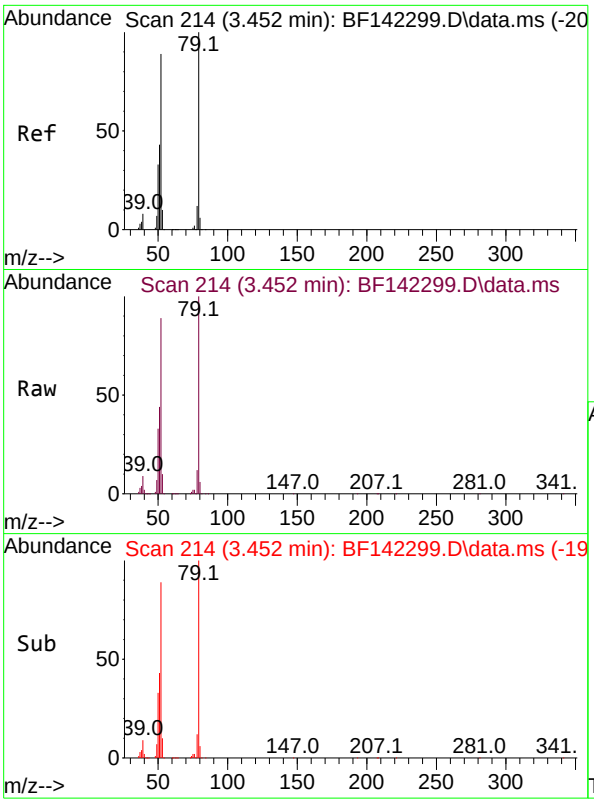


#2
1,4-Dioxane
Concen: 38.137 ng
RT: 2.687 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 88 Resp: 216454

Ion	Ratio	Lower	Upper
88	100		
58	91.2	73.0	109.4
43	34.7	27.8	41.6

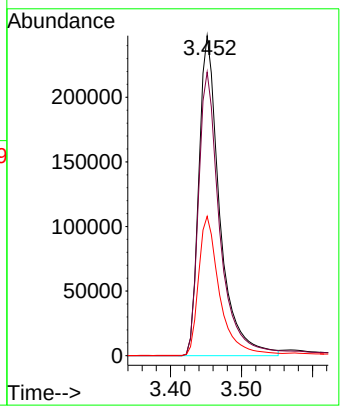




#3
Pyridine
Concen: 37.907 ng
RT: 3.452 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 79 Resp: 505899

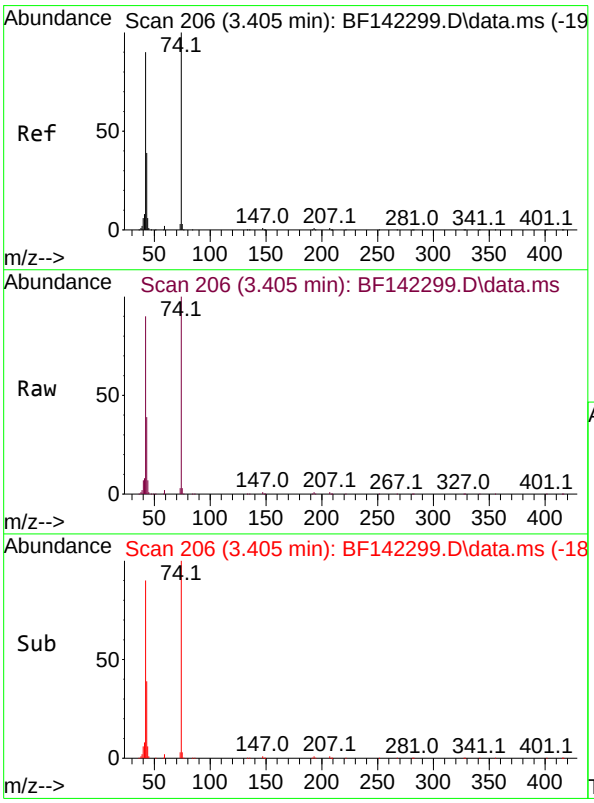
Ion	Ratio	Lower	Upper
79	100		
52	88.7	71.0	106.4
51	43.6	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

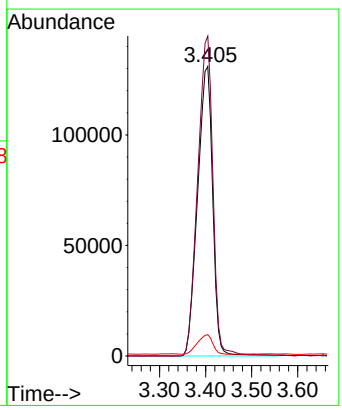
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

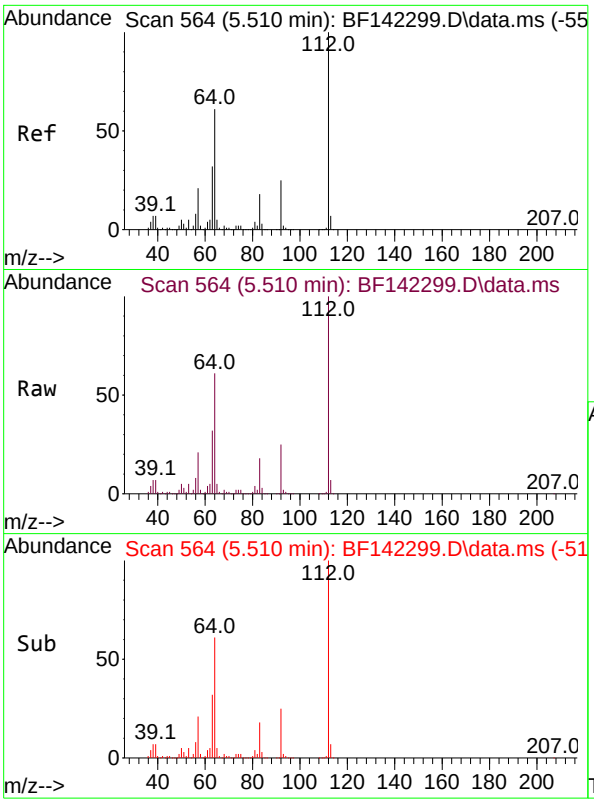


#4
n-Nitrosodimethylamine
Concen: 38.681 ng
RT: 3.405 min Scan# 206
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 42 Resp: 299573

Ion	Ratio	Lower	Upper
42	100		
74	110.6	88.5	132.7
44	7.3	5.8	8.8

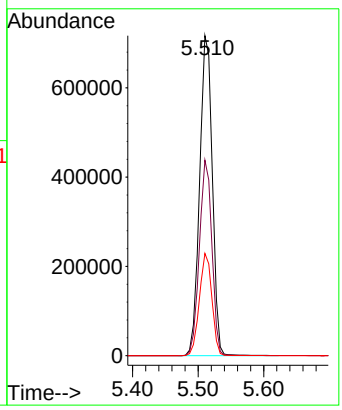




#5
2-Fluorophenol
Concen: 76.859 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:112 Resp: 96871

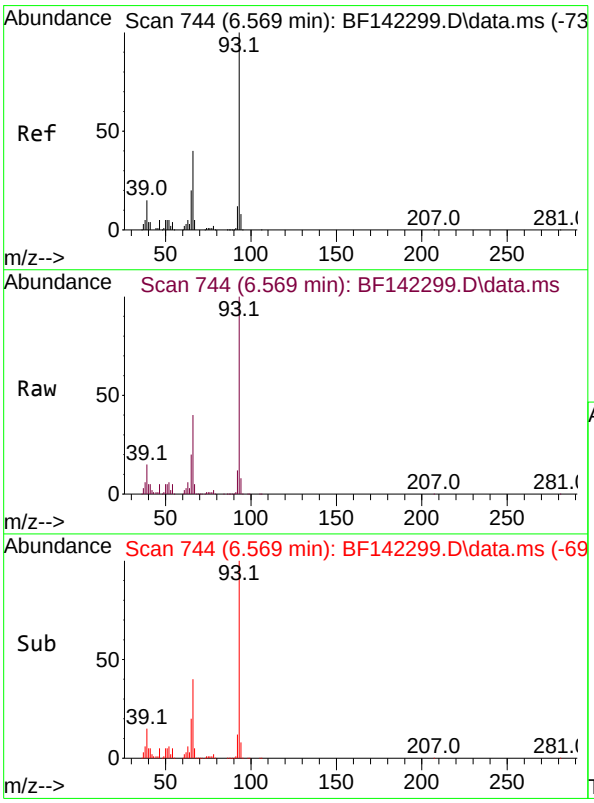
Ion	Ratio	Lower	Upper
112	100		
64	61.1	48.9	73.3
63	32.0	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

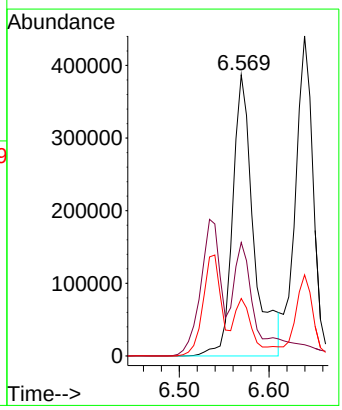
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

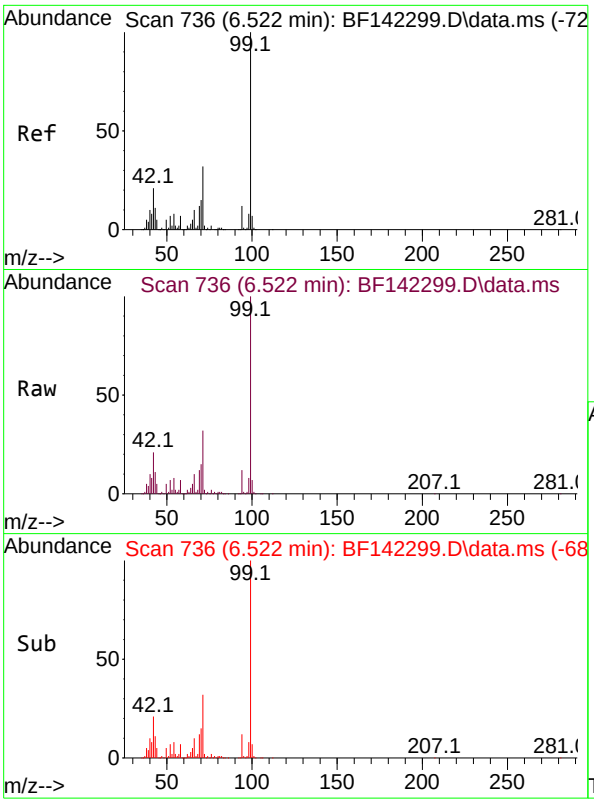


#6
Aniline
Concen: 41.514 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 93 Resp: 631218

Ion	Ratio	Lower	Upper
93	100		
66	40.3	32.2	48.4
65	20.4	16.3	24.5

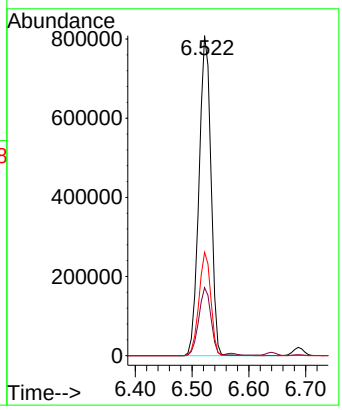




#7
Phenol-d6
Concen: 76.311 ng
RT: 6.522 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 99 Resp: 118295

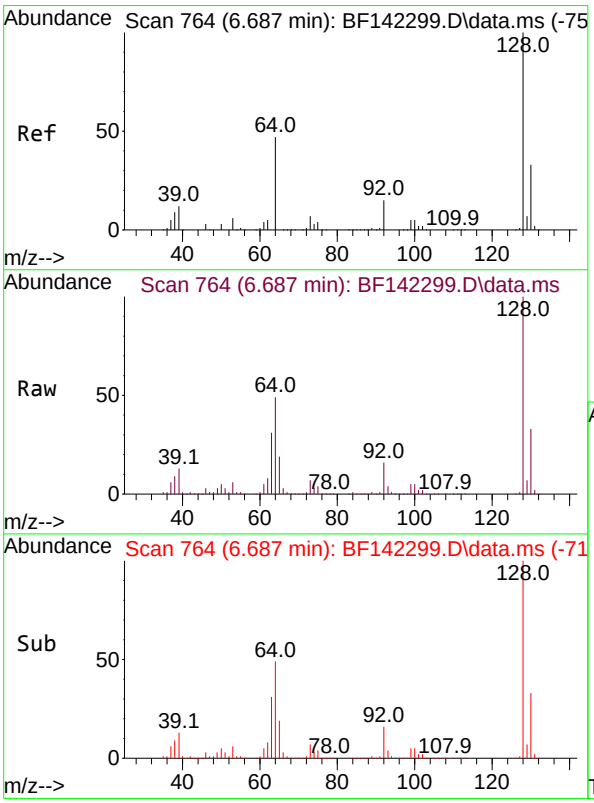
Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.4
71	32.3	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

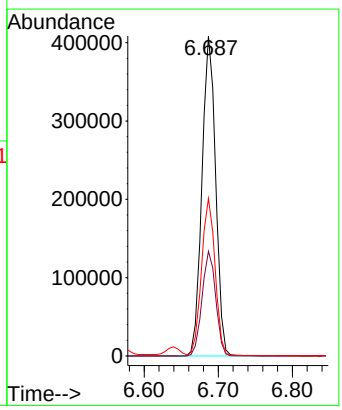
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

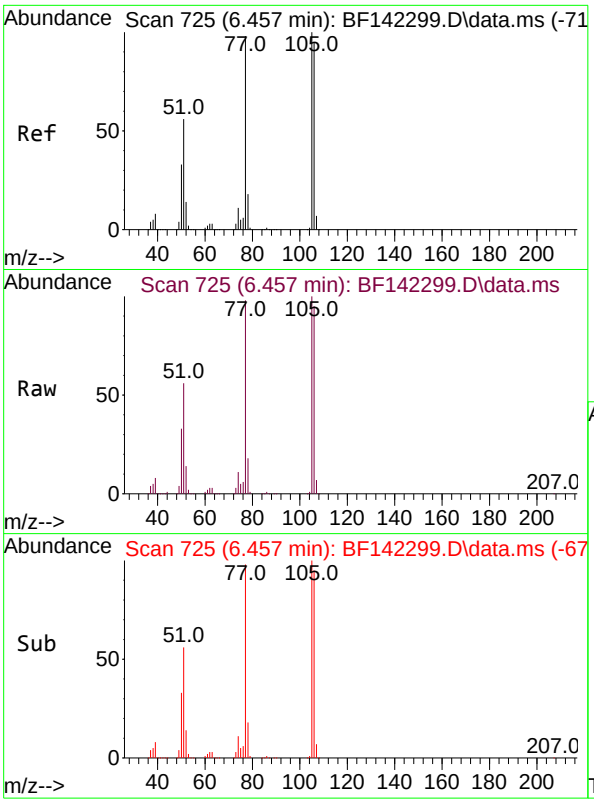


#8
2-Chlorophenol
Concen: 39.017 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:128 Resp: 525501

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	49.2	29.2	69.2

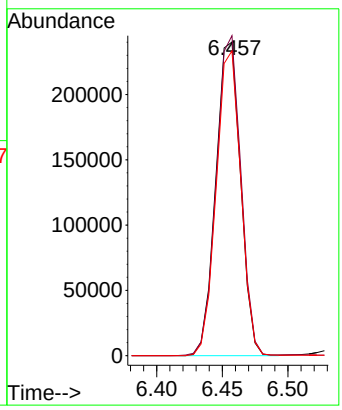




#9
Benzaldehyde
Concen: 34.827 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 77 Resp: 31598

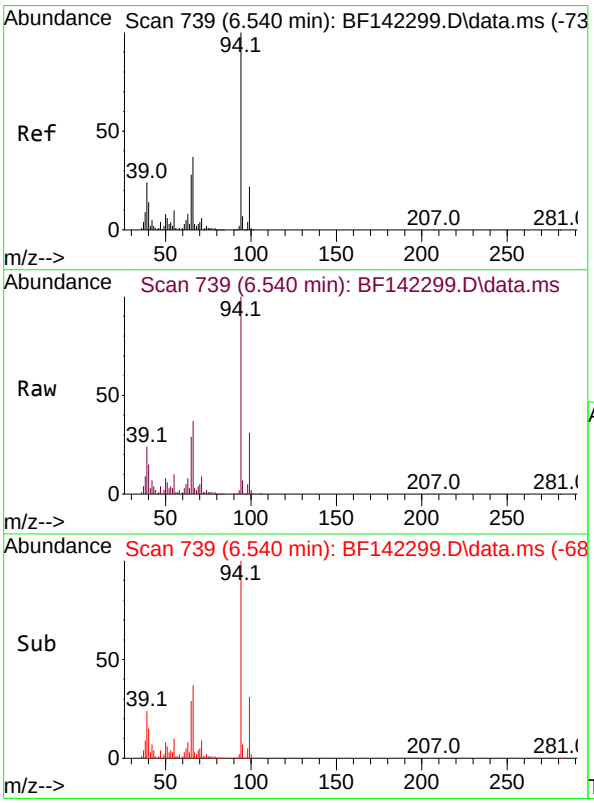
Ion	Ratio	Lower	Upper
77	100		
105	102.0	82.0	122.0
106	97.2	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

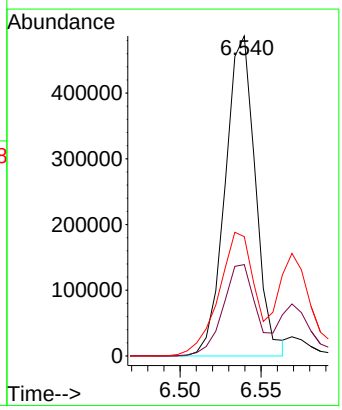
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

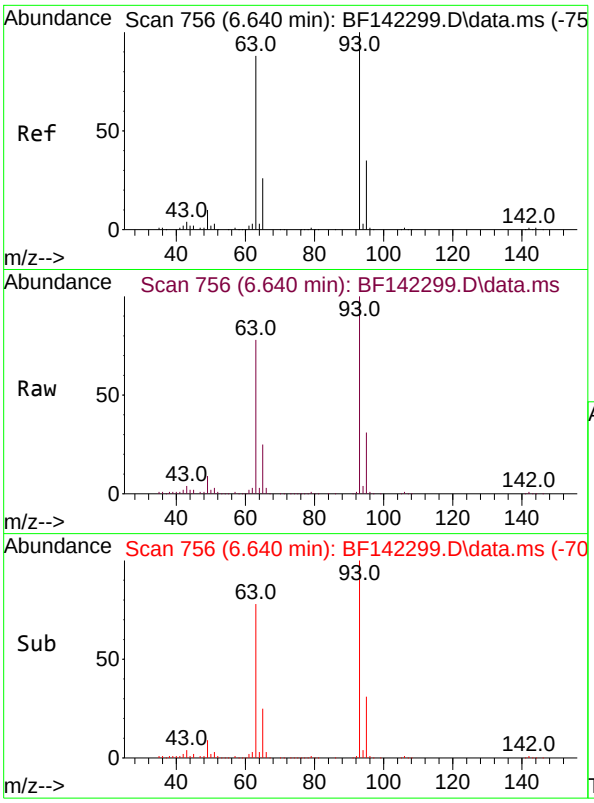


#10
Phenol
Concen: 38.550 ng m
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 94 Resp: 633459

Ion	Ratio	Lower	Upper
94	100		
65	28.5	8.5	48.5
66	37.3	17.3	57.3

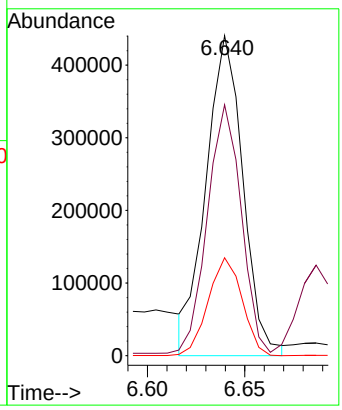




#11
bis(2-Chloroethyl)ether
Concen: 35.924 ng m
RT: 6.640 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 93 Resp: 58212

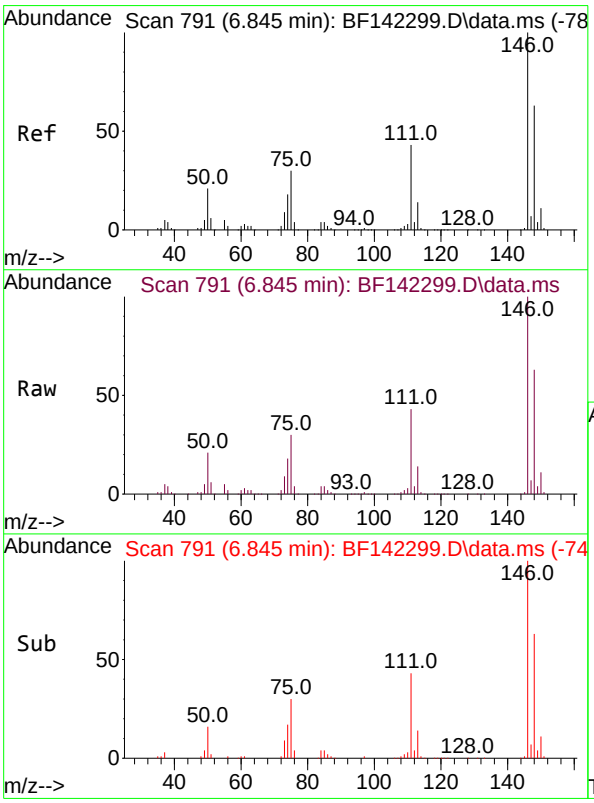
Ion	Ratio	Lower	Upper
93	100		
63	78.4	58.4	98.4
95	30.6	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

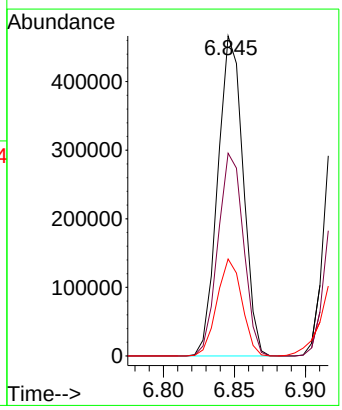
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

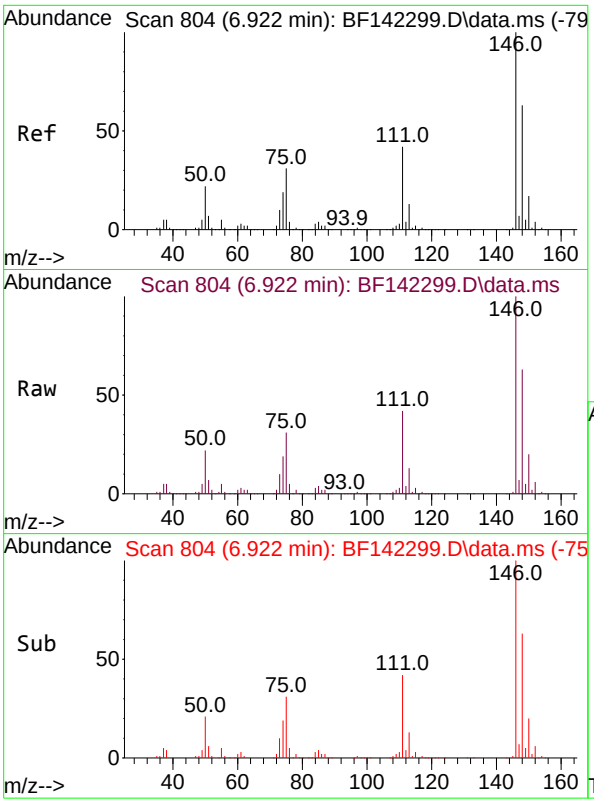


#12
1,3-Dichlorobenzene
Concen: 37.624 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:146 Resp: 579737

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
75	30.3	24.2	36.4

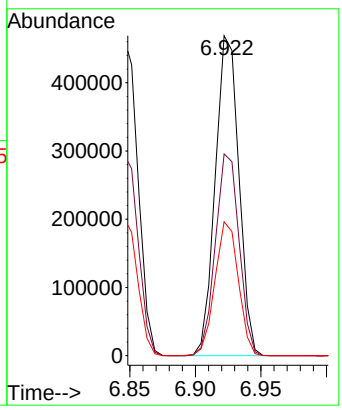




#13
1,4-Dichlorobenzene
Concen: 37.927 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:146 Resp: 58677

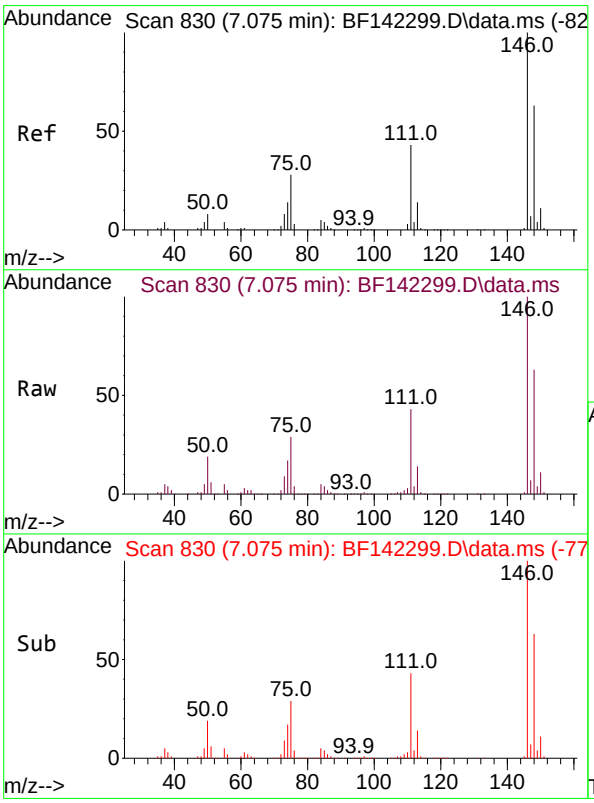
Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	41.8	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

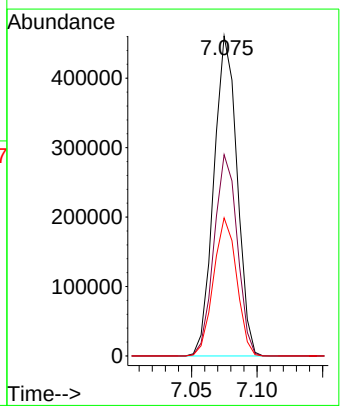
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

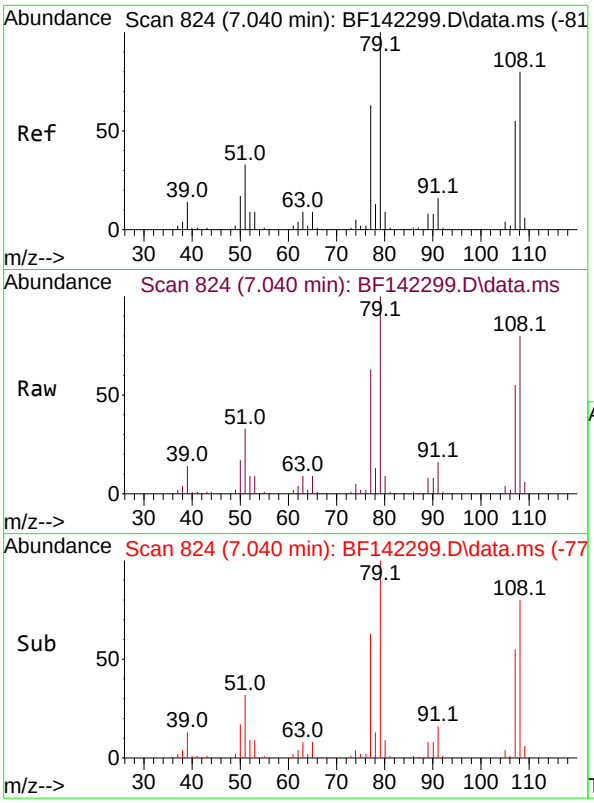


#14
1,2-Dichlorobenzene
Concen: 38.177 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:146 Resp: 566937

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	43.1	34.5	51.7





#15
Benzyl Alcohol
Concen: 39.803 ng
RT: 7.040 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

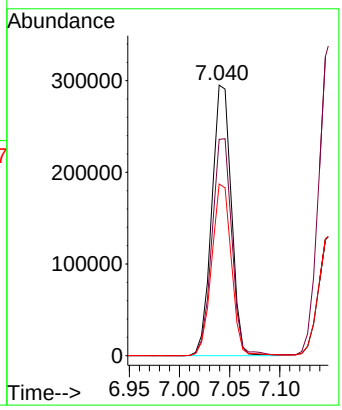
Tgt Ion: 79 Resp: 39954

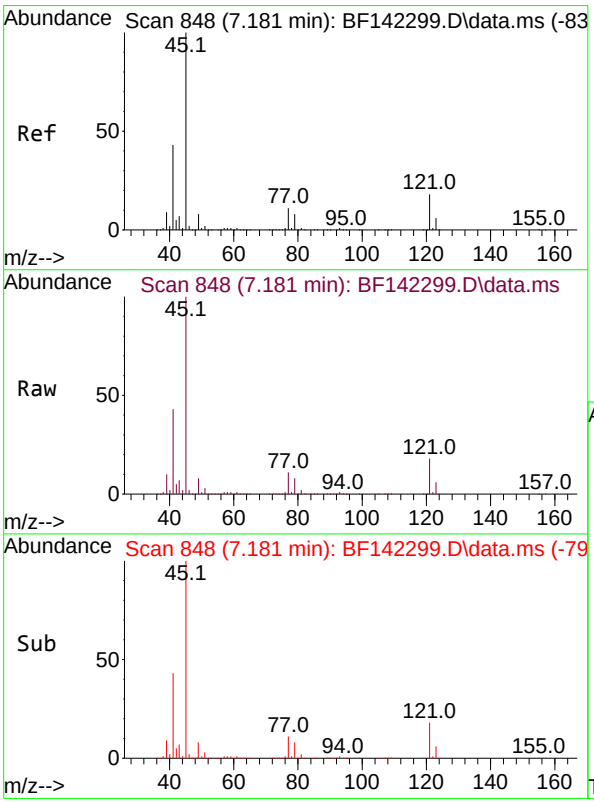
Ion	Ratio	Lower	Upper
79	100		
108	79.9	63.9	95.9
77	63.4	50.7	76.1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

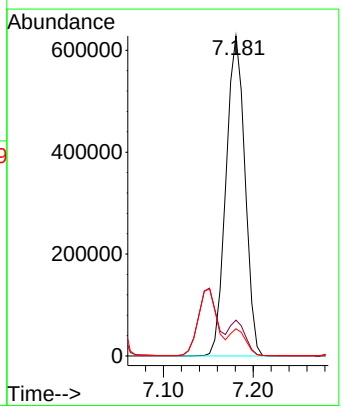


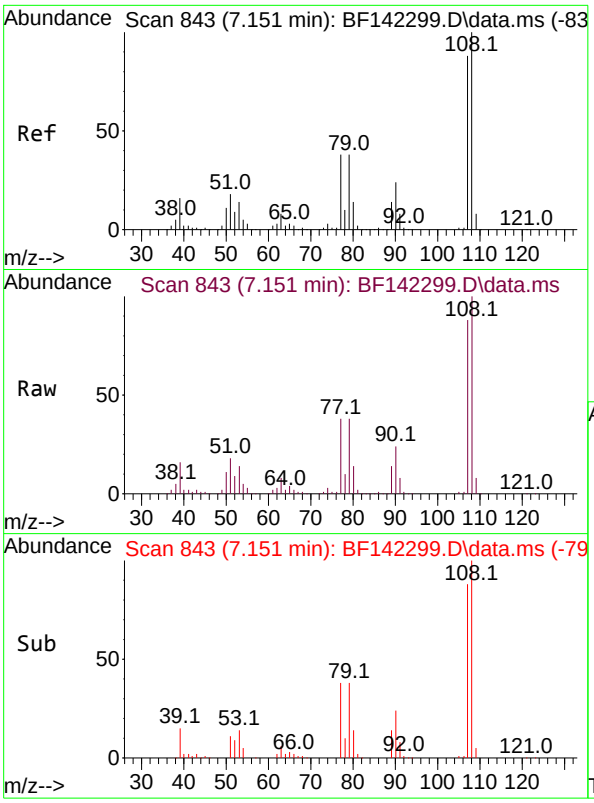


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.969 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 45 Resp: 918775

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.5	0.0	28.5

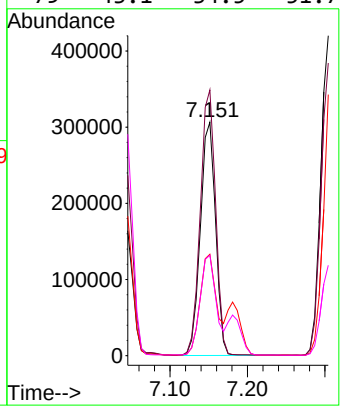




#17
2-Methylphenol
Concen: 38.341 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:107 Resp: 41808

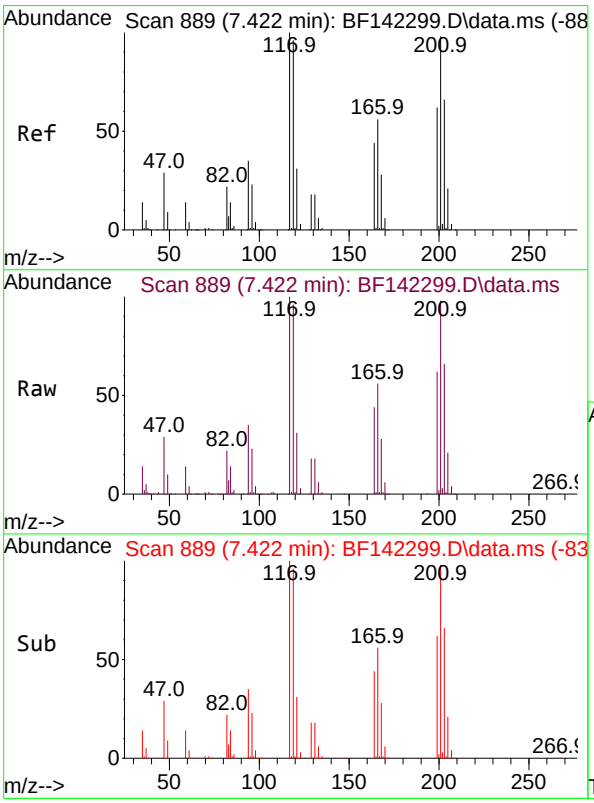
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.1	136.7
77	43.4	34.7	52.1
79	43.1	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

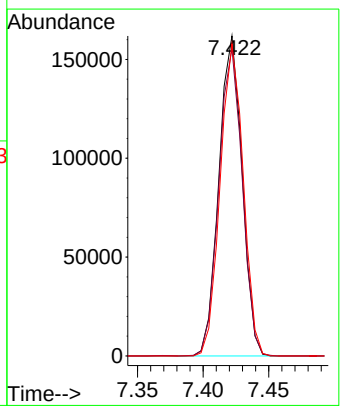
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

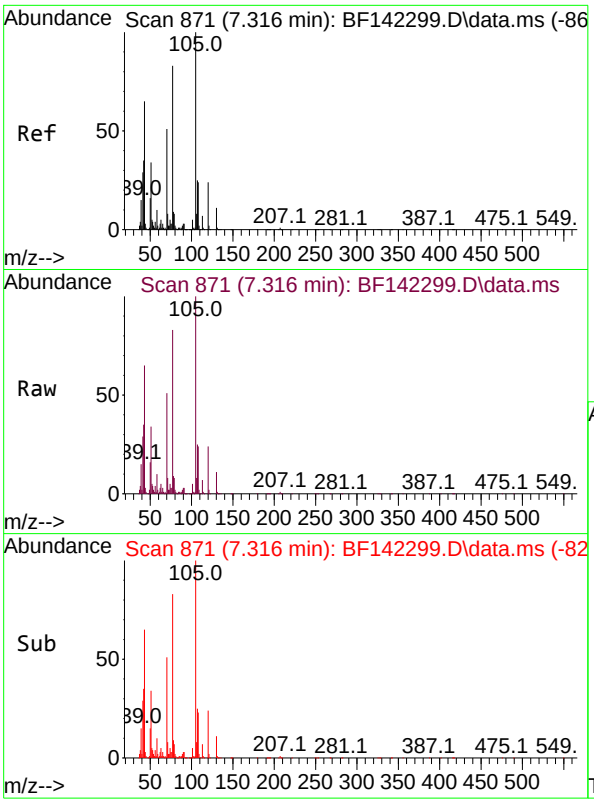


#18
Hexachloroethane
Concen: 38.694 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:117 Resp: 199182

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
201	97.5	78.0	117.0

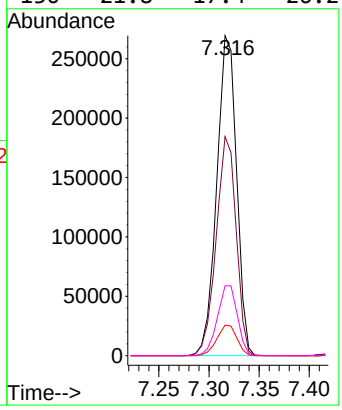




#19
n-Nitroso-di-n-propylamine
Concen: 38.588 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 70 Resp: 37000

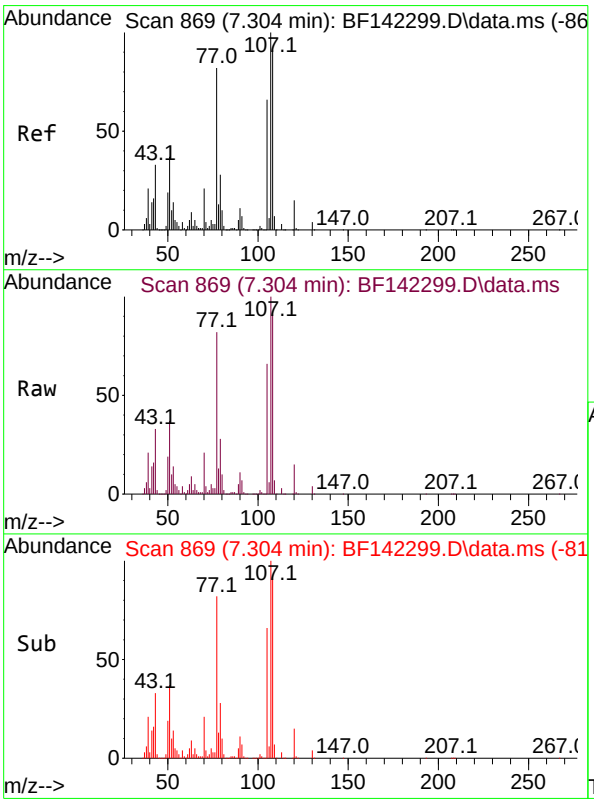
Ion	Ratio	Lower	Upper
70	100		
42	68.5	54.8	82.2
101	9.6	7.7	11.5
130	21.8	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

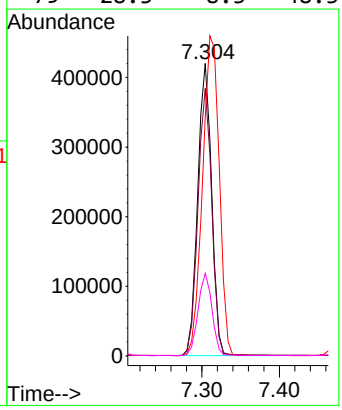
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

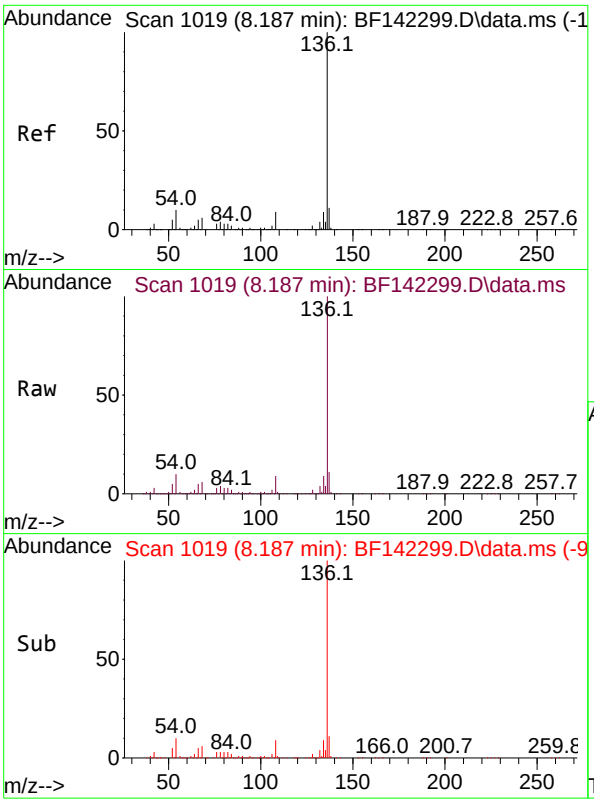


#20
3+4-Methylphenols
Concen: 38.517 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:107 Resp: 524172

Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.5	111.5
77	81.6	61.6	101.6
79	28.3	8.3	48.3

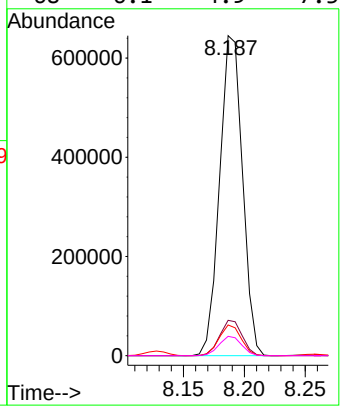




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:136 Resp: 84252

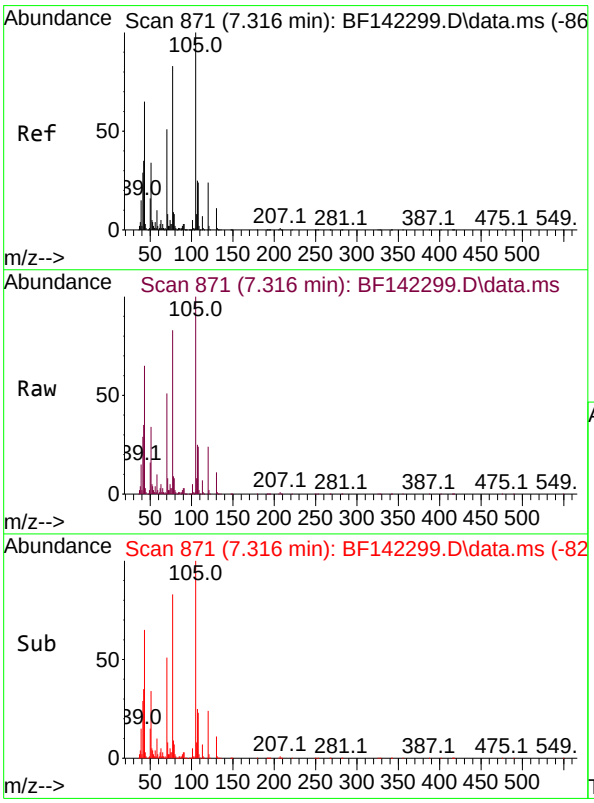
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.6	7.7	11.5
68	6.1	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

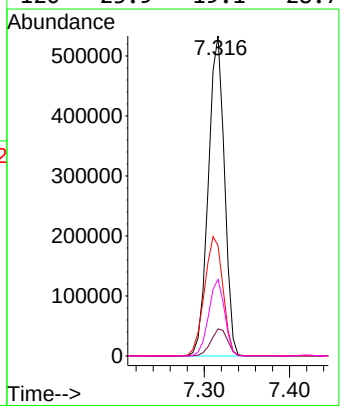
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

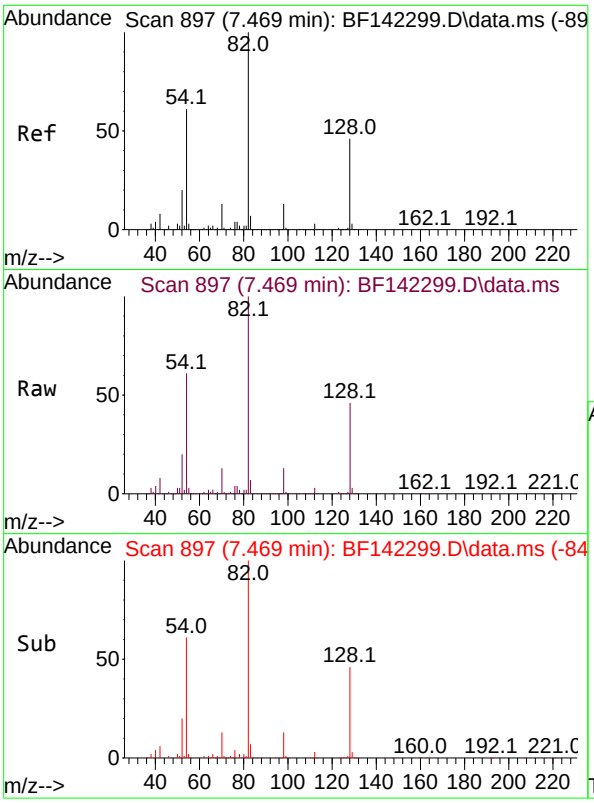


#22
Acetophenone
Concen: 37.432 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:105 Resp: 701214

Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.7	10.1
51	34.5	27.6	41.4
120	23.9	19.1	28.7

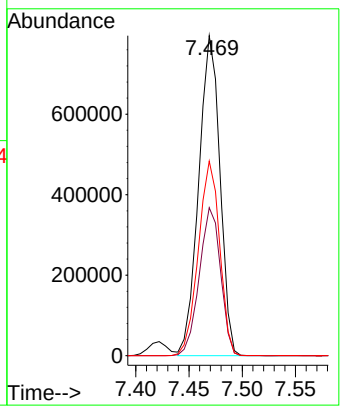




#23
Nitrobenzene-d5
Concen: 79.845 ng
RT: 7.469 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 82 Resp: 110304

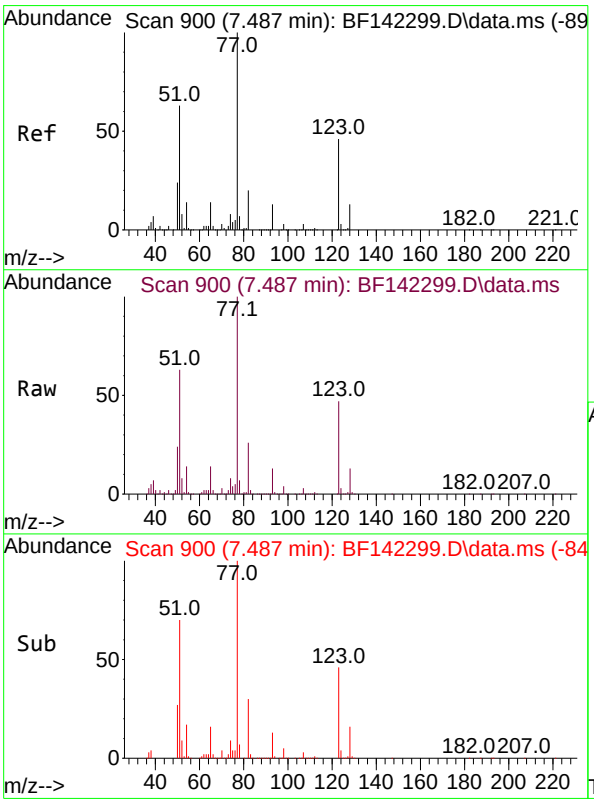
Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.6
54	60.8	48.6	73.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

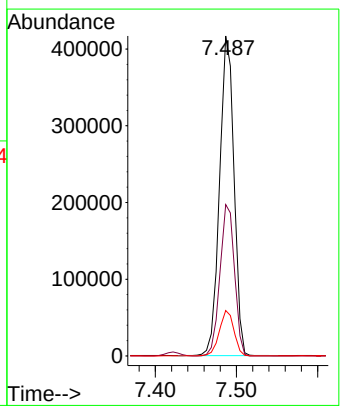
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

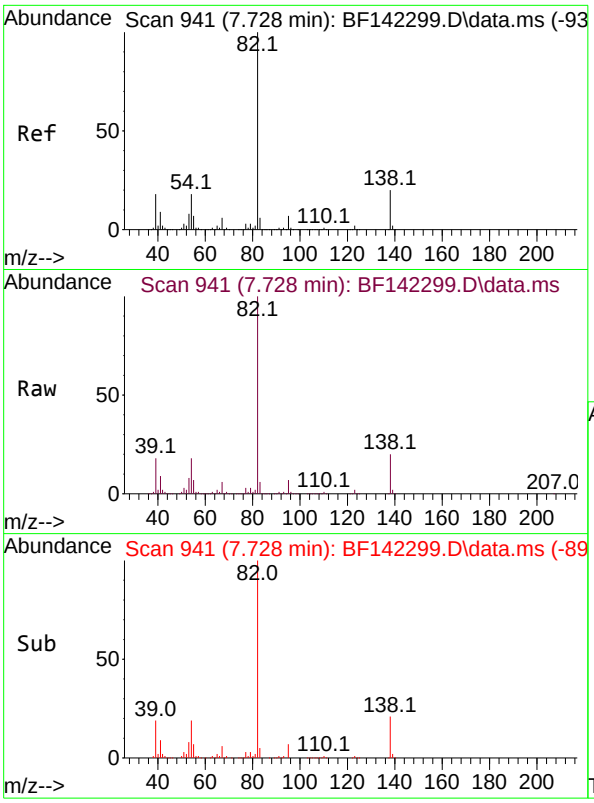


#24
Nitrobenzene
Concen: 39.634 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 77 Resp: 516127

Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.8	56.8
65	14.2	11.4	17.0





#25
Isophorone
Concen: 37.771 ng
RT: 7.728 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

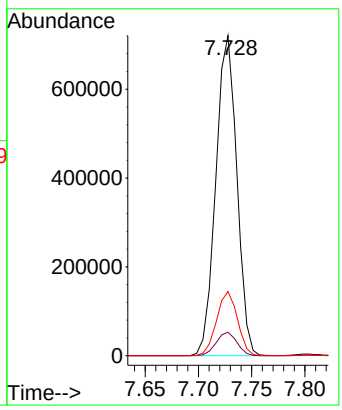
Tgt Ion: 82 Resp: 98809

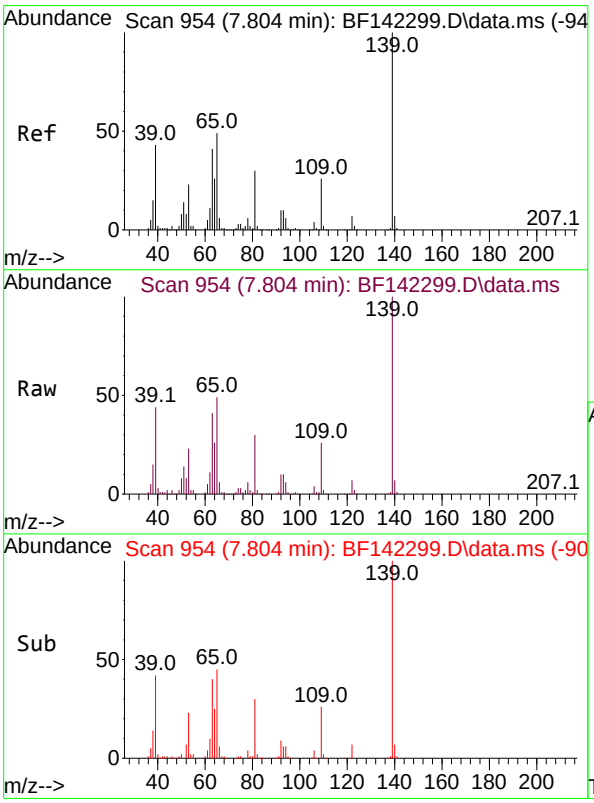
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	20.1	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

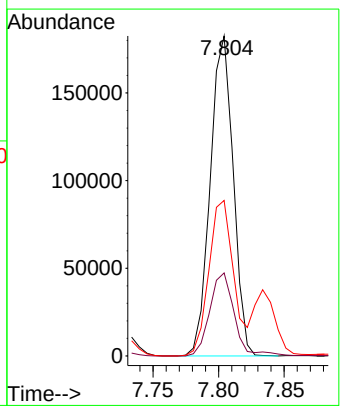


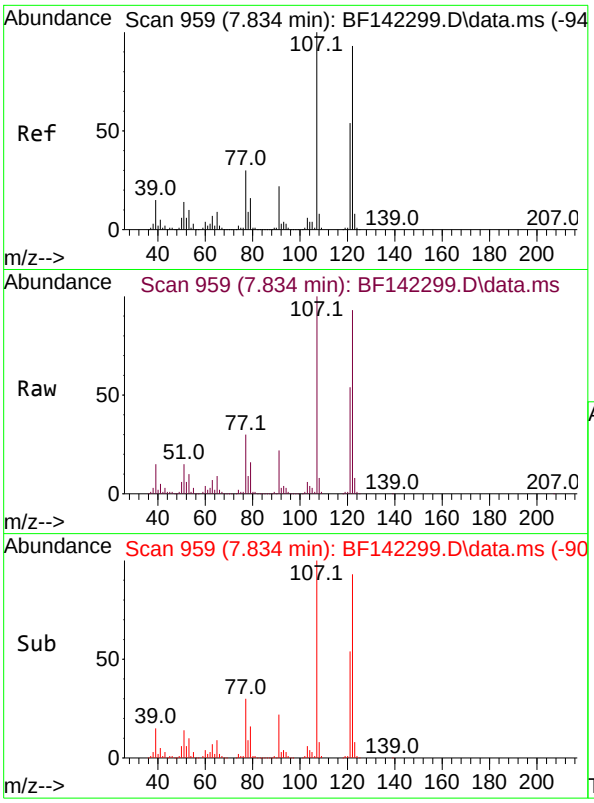


#26
2-Nitrophenol
Concen: 36.469 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:139 Resp: 222173

Ion	Ratio	Lower	Upper
139	100		
109	26.0	20.8	31.2
65	48.6	38.9	58.3

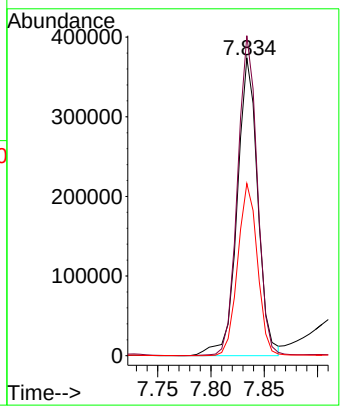




#27
2,4-Dimethylphenol
Concen: 38.139 ng
RT: 7.834 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:122 Resp: 50163

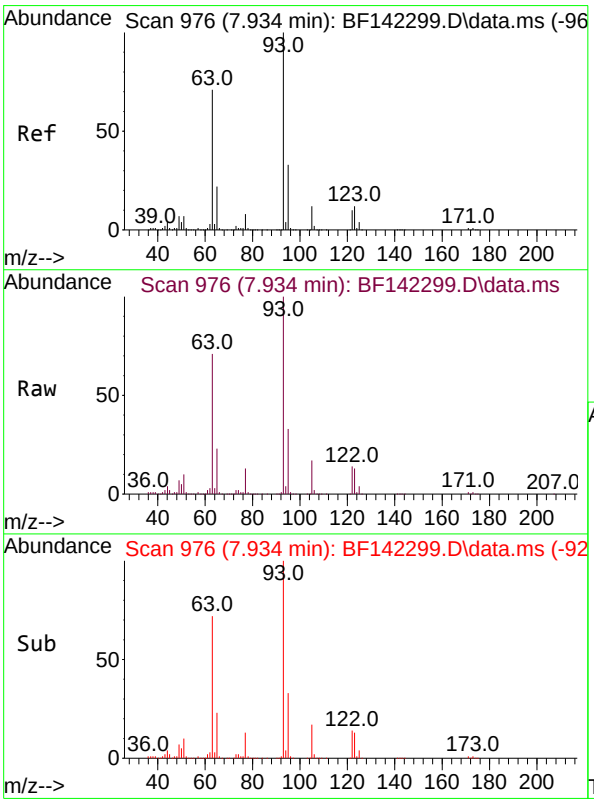
Ion	Ratio	Lower	Upper
122	100		
107	107.5	86.0	129.0
121	57.8	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

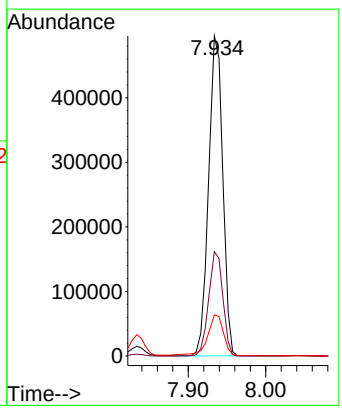
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

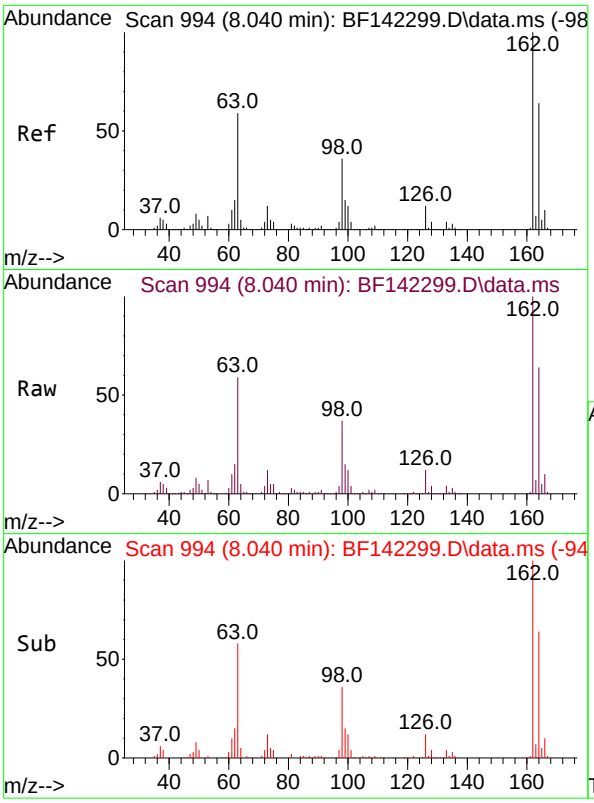


#28
bis(2-Chloroethoxy)methane
Concen: 37.440 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 93 Resp: 629800

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	12.8	10.2	15.4





#29
2,4-Dichlorophenol
Concen: 39.562 ng
RT: 8.040 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

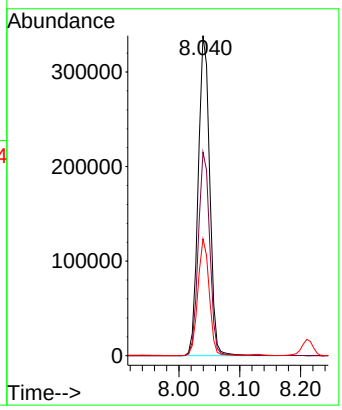
Tgt Ion:162 Resp: 44238

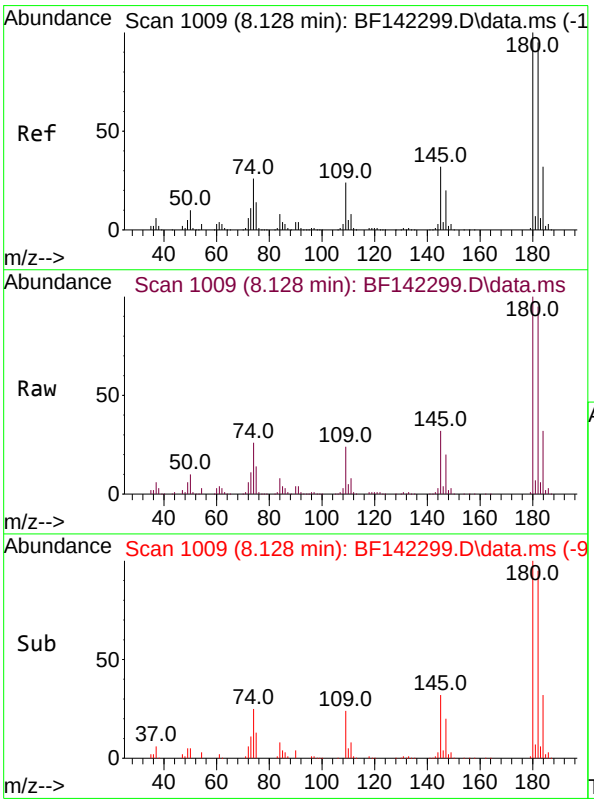
Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.6	83.6
98	36.5	16.5	56.5

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

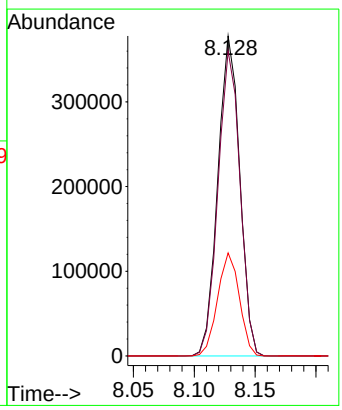


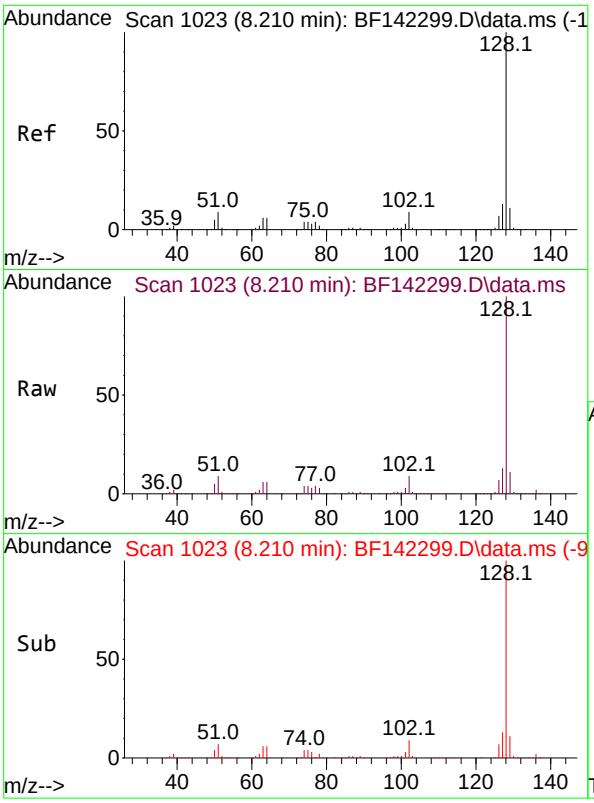


#30
1,2,4-Trichlorobenzene
Concen: 37.625 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:180 Resp: 473497

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.4
145	32.2	25.8	38.6

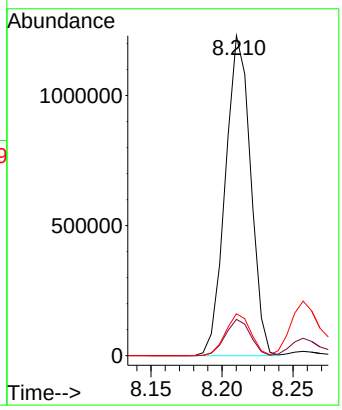




#31
Naphthalene
Concen: 37.372 ng
RT: 8.210 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:128 Resp: 152602(

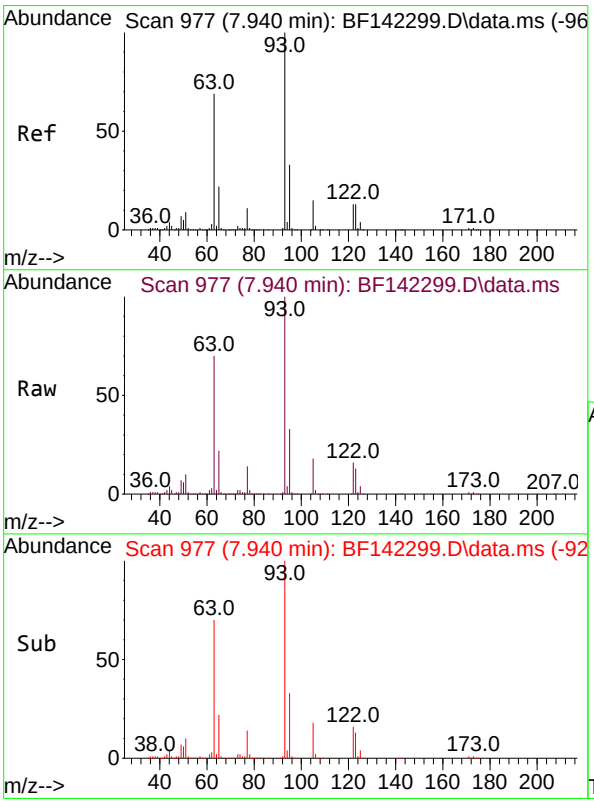
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.1	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

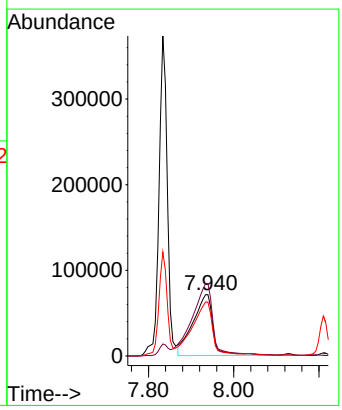
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

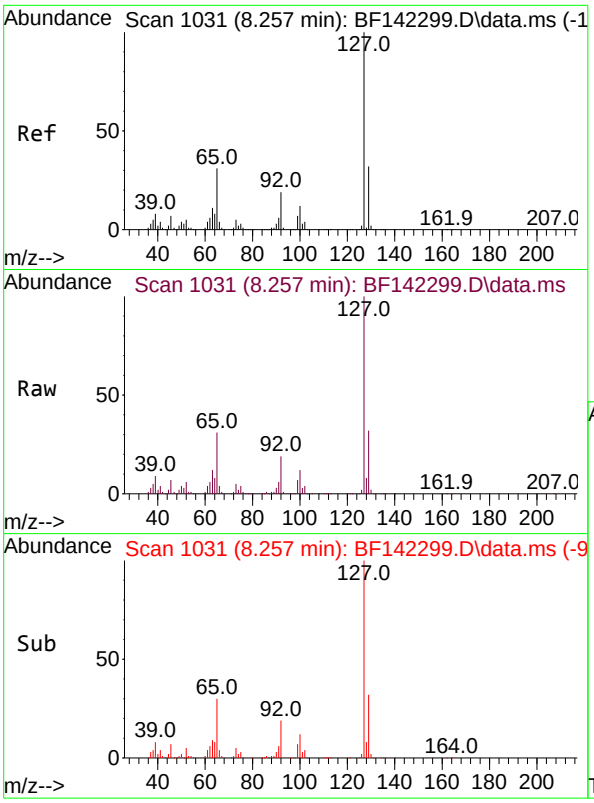


#32
Benzoic acid
Concen: 36.564 ng
RT: 7.940 min Scan# 977
Delta R.T. -0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:122 Resp: 235641

Ion	Ratio	Lower	Upper
122	100		
105	117.9	97.9	137.9
77	87.7	67.7	107.7

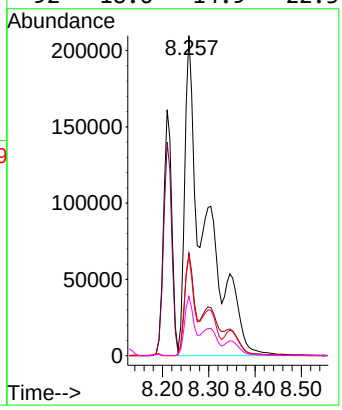




#33
4-Chloroaniline
Concen: 38.817 ng m
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:127 Resp: 64561

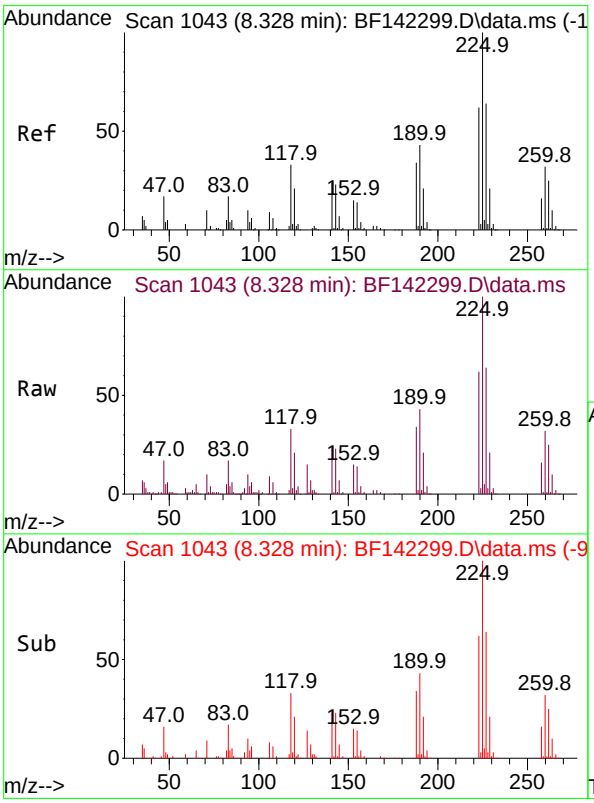
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	31.1	24.9	37.3
92	18.6	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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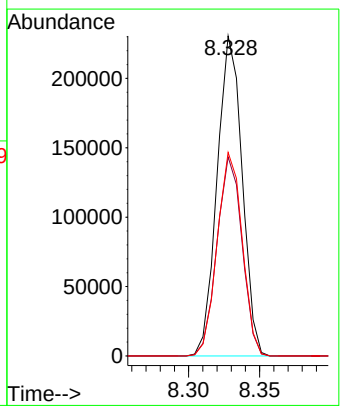
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

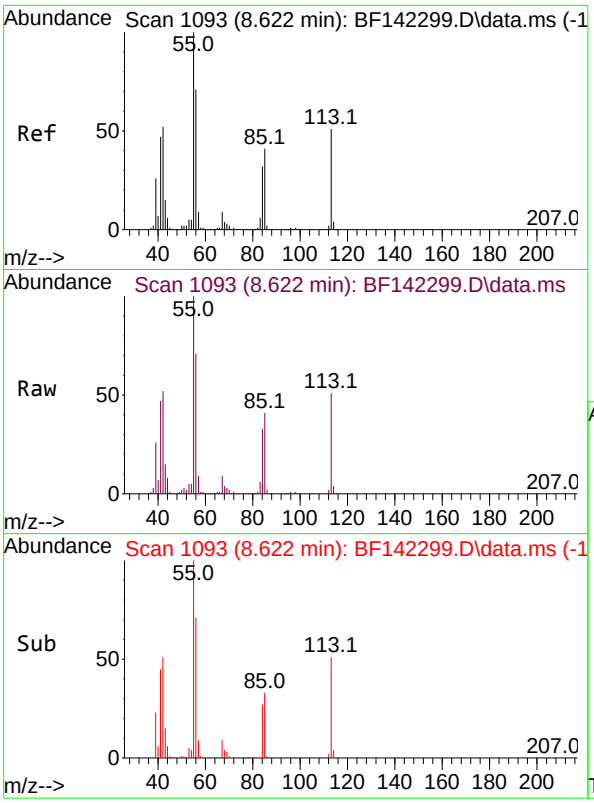


#34
Hexachlorobutadiene
Concen: 37.888 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:225 Resp: 282333

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	63.6	50.9	76.3

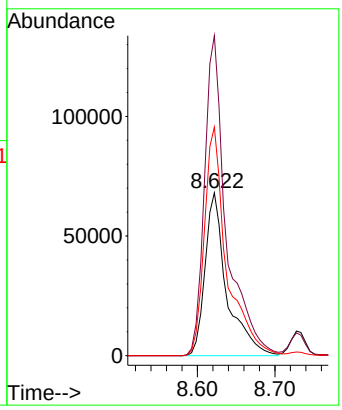




#35
Caprolactam
Concen: 40.850 ng
RT: 8.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:113 Resp: 13284

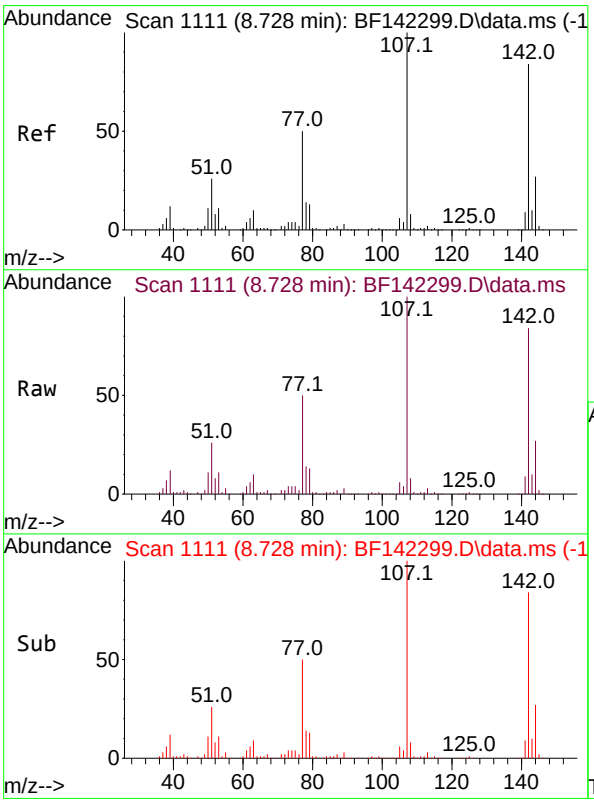
Ion	Ratio	Lower	Upper
113	100		
55	196.4	176.4	216.4
56	140.3	120.3	160.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

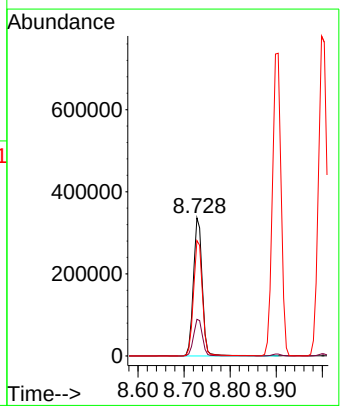
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

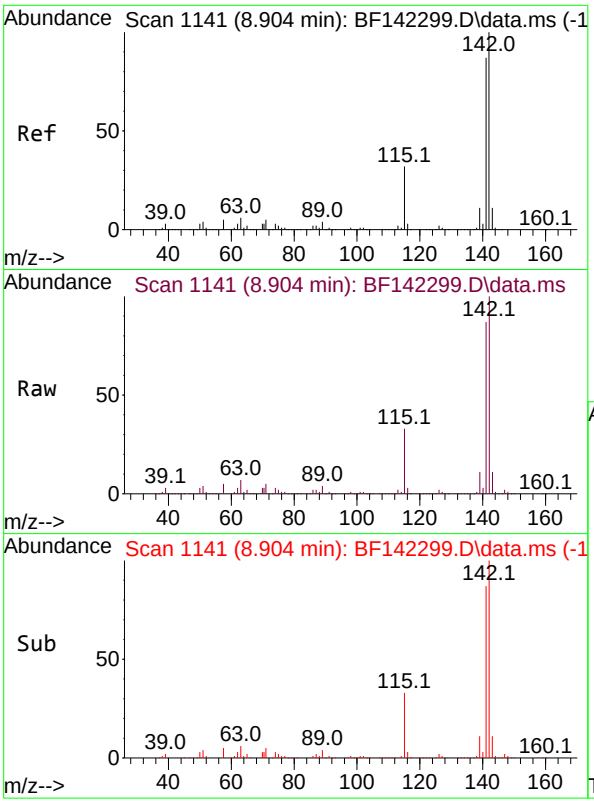


#36
4-Chloro-3-methylphenol
Concen: 38.475 ng
RT: 8.728 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:107 Resp: 447226

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.3	31.9
142	83.6	66.9	100.3

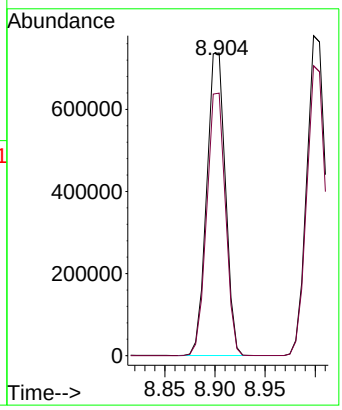




#37
2-Methylnaphthalene
Concen: 37.768 ng
RT: 8.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:142 Resp: 95830

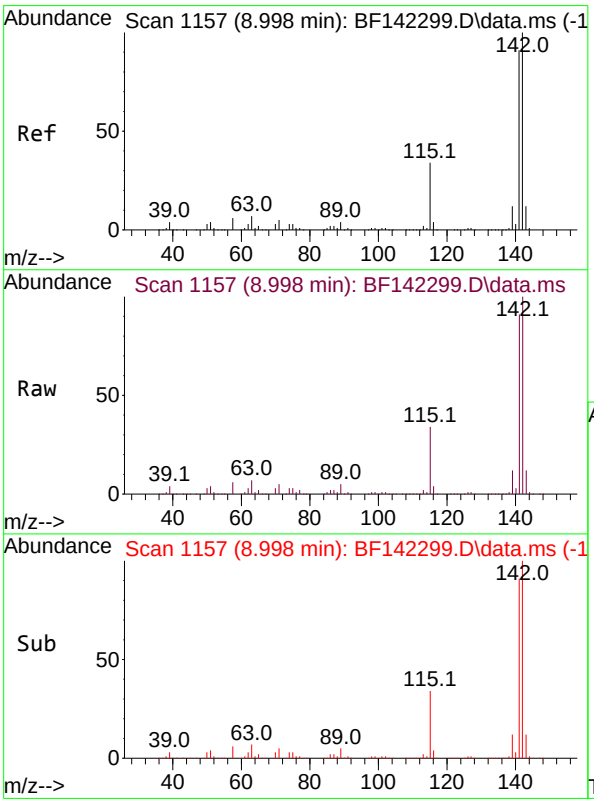
Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.4	104.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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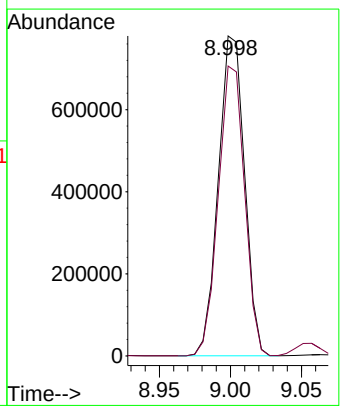
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

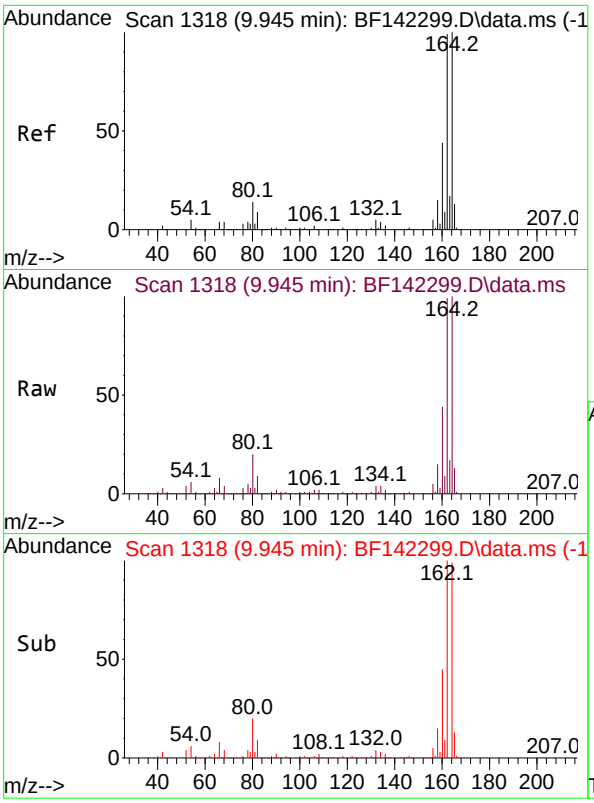


#38
1-Methylnaphthalene
Concen: 37.821 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:142 Resp: 1000206

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.5	108.7

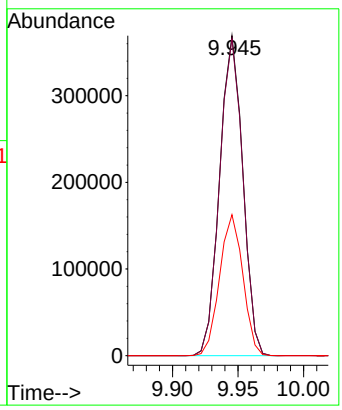




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:164 Resp: 45382

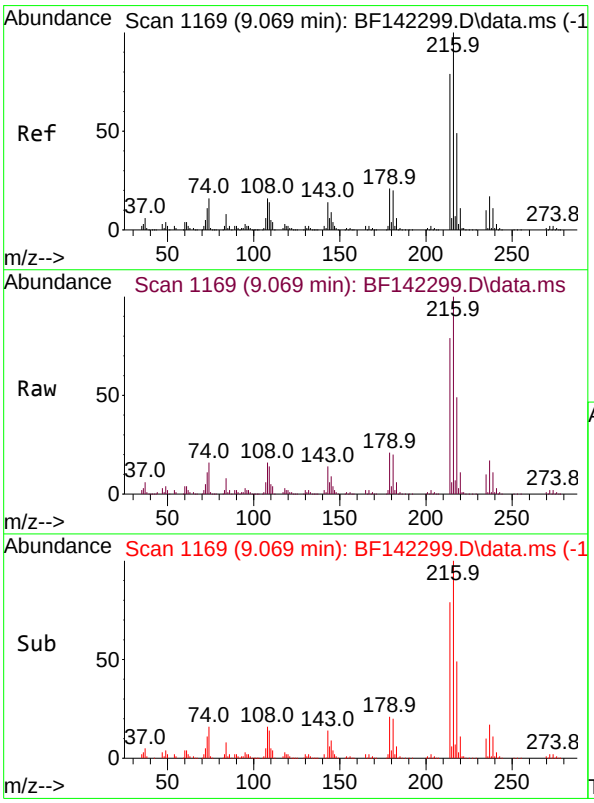
Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.2	118.8
160	44.1	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

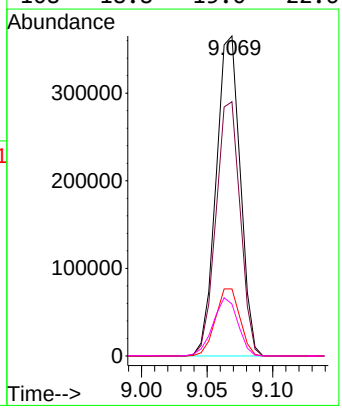
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

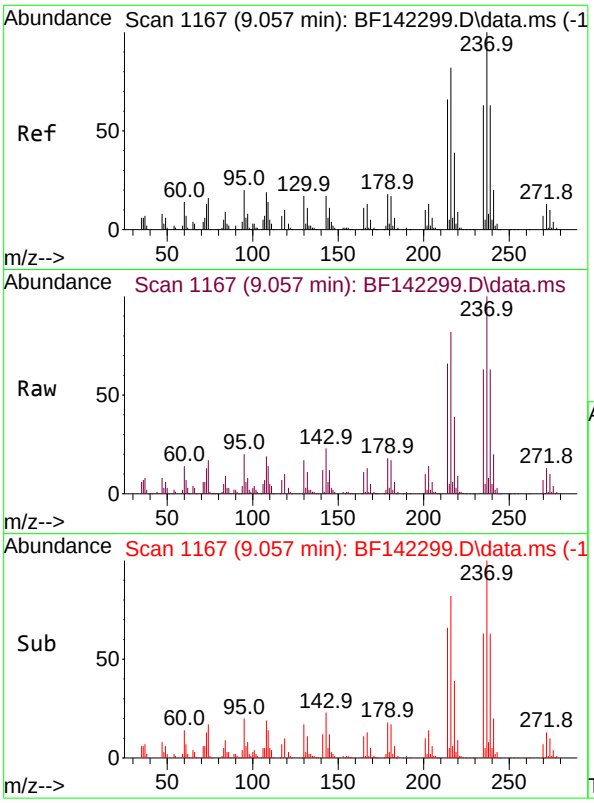


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.869 ng
RT: 9.069 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:216 Resp: 467314

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.6
179	21.3	17.0	25.6
108	18.8	15.0	22.6





#41
Hexachlorocyclopentadiene
Concen: 39.785 ng
RT: 9.057 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

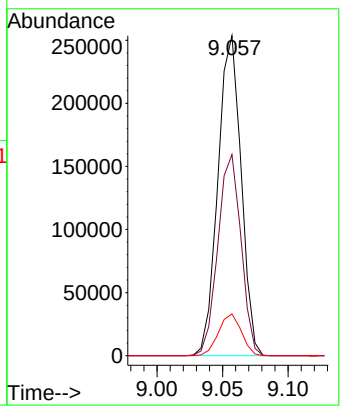
Tgt Ion:237 Resp: 31164

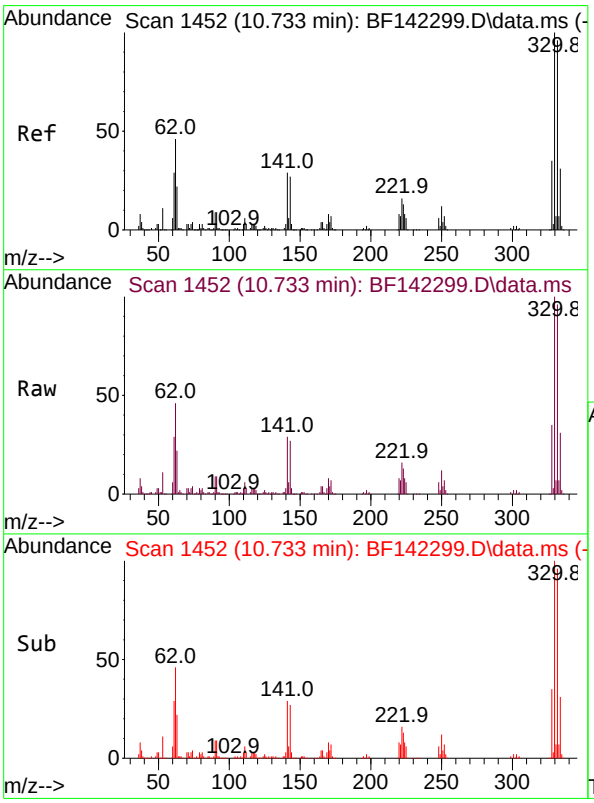
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.8	82.8
272	13.0	0.0	33.0

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

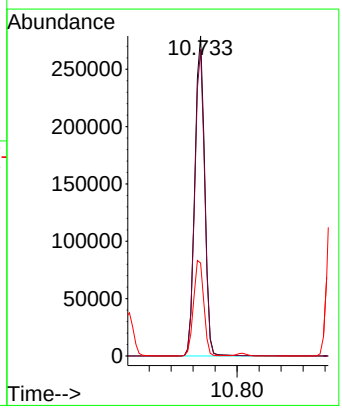


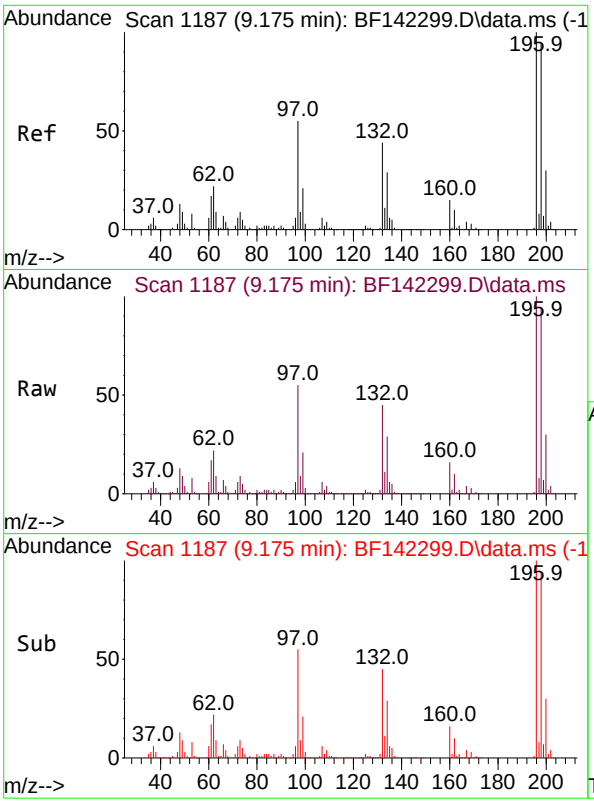


#42
2,4,6-Tribromophenol
Concen: 79.275 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:330 Resp: 347351

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	31.1	24.9	37.3

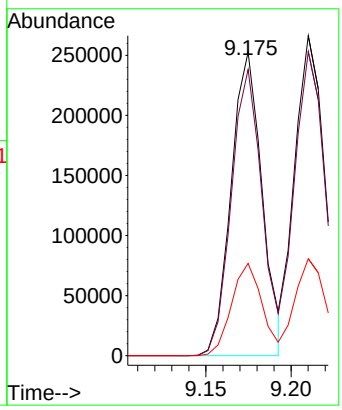




#43
2,4,6-Trichlorophenol
Concen: 39.883 ng
RT: 9.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:196 Resp: 31886

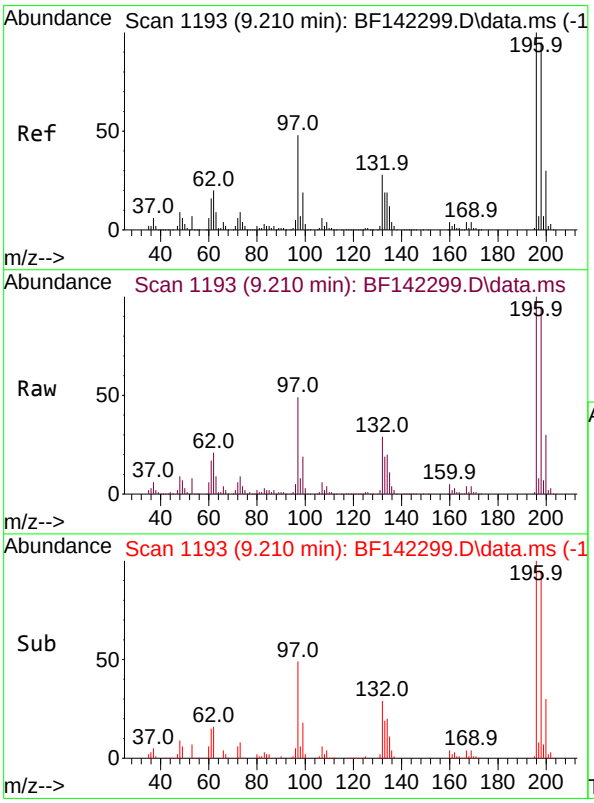
Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.4	113.0
200	30.4	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

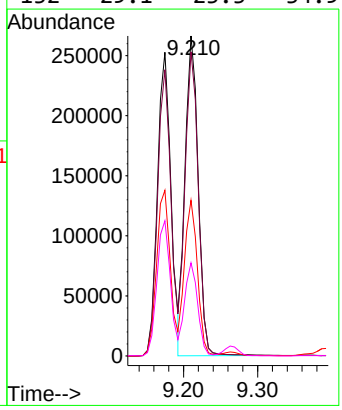
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

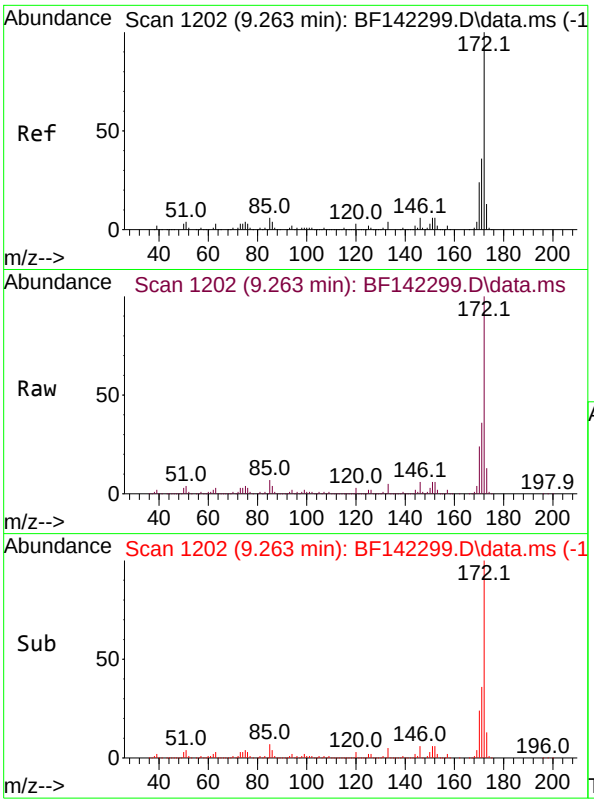


#44
2,4,5-Trichlorophenol
Concen: 38.680 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:196 Resp: 329034

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.1	114.1
97	48.7	39.0	58.4
132	29.1	23.3	34.9

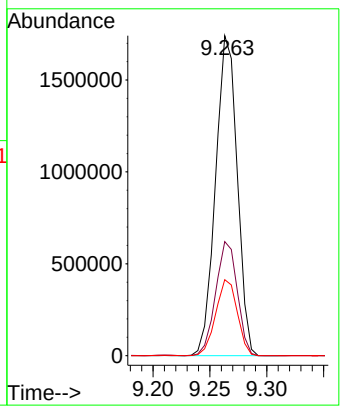




#45
2-Fluorobiphenyl
Concen: 72.545 ng
RT: 9.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:172 Resp: 230895

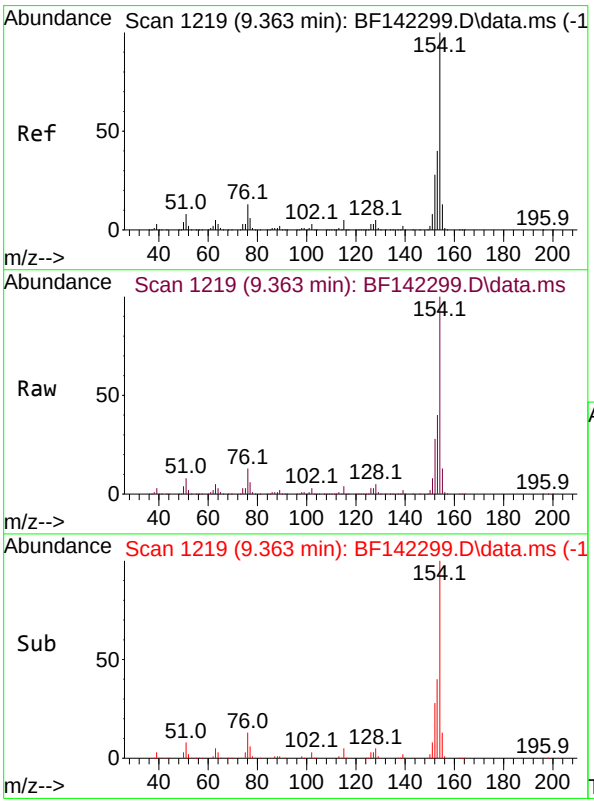
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.7	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

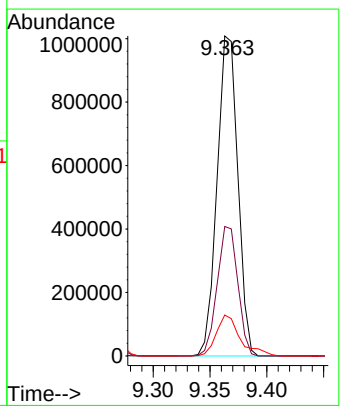
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

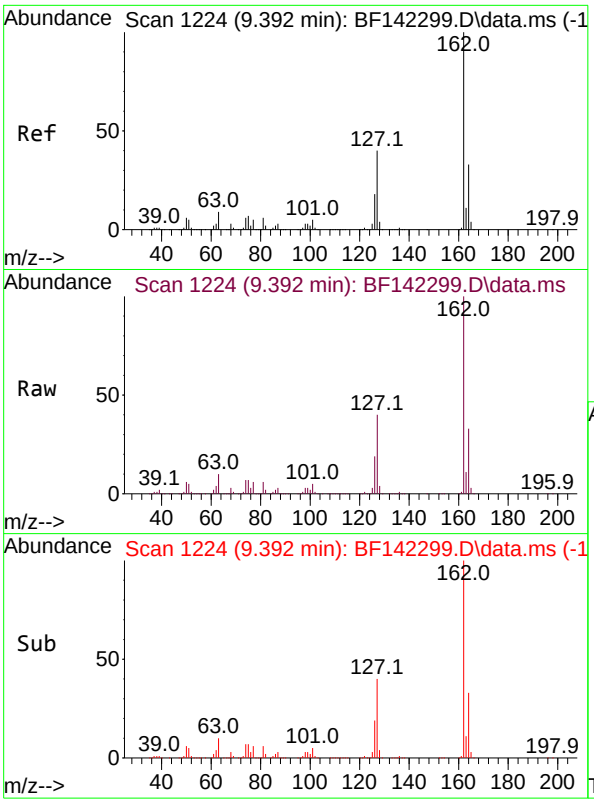


#46
1,1'-Biphenyl
Concen: 36.811 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:154 Resp: 1280889

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	12.8	0.0	32.8

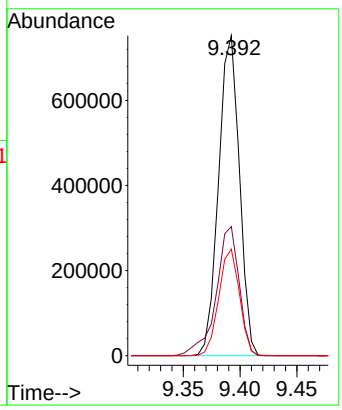




#47
2-Chloronaphthalene
Concen: 37.093 ng
RT: 9.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:162 Resp: 95988

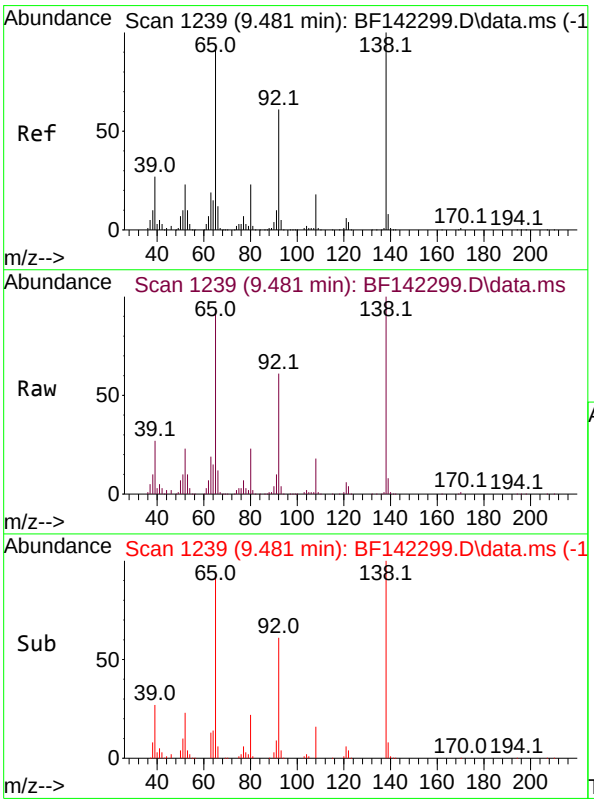
Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.3	48.5
164	33.3	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

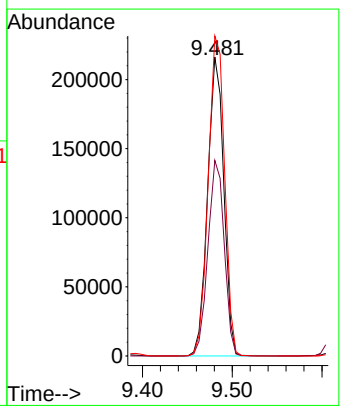
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

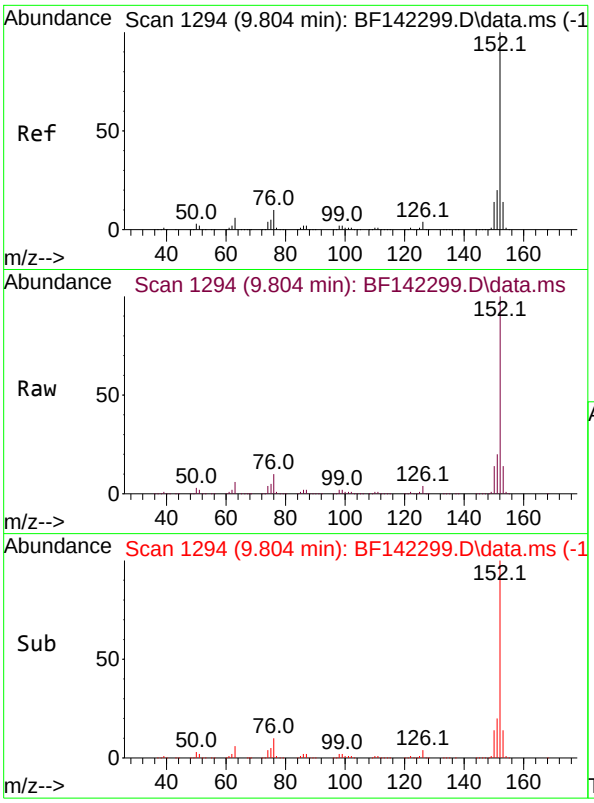


#48
2-Nitroaniline
Concen: 40.808 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 65 Resp: 270673

Ion	Ratio	Lower	Upper
65	100		
92	65.4	52.3	78.5
138	107.0	85.6	128.4

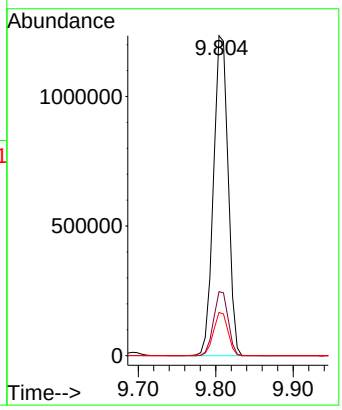




#49
Acenaphthylene
Concen: 37.378 ng
RT: 9.804 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:152 Resp: 161806

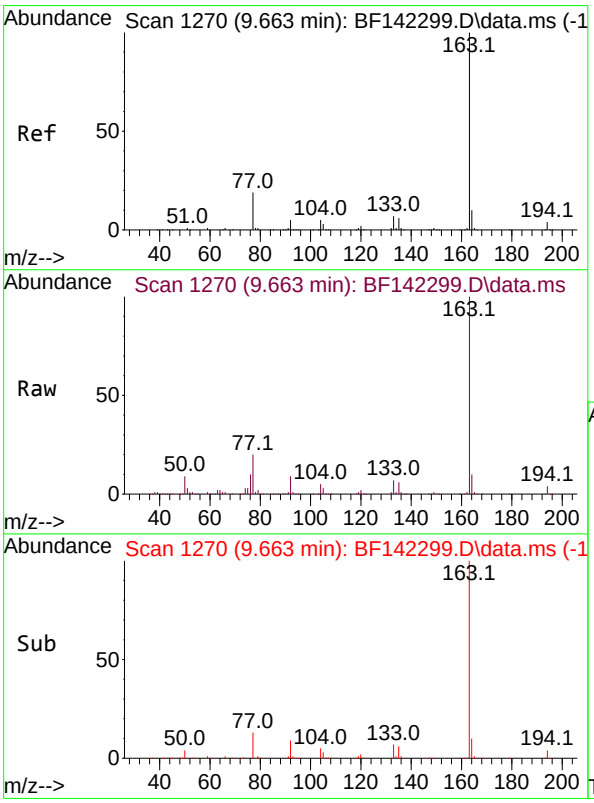
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.5	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

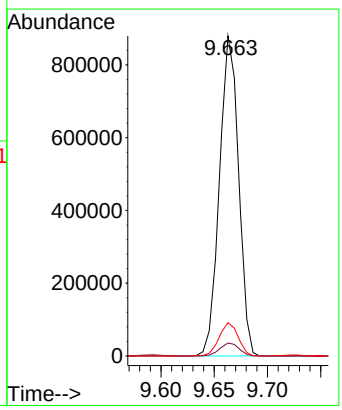
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

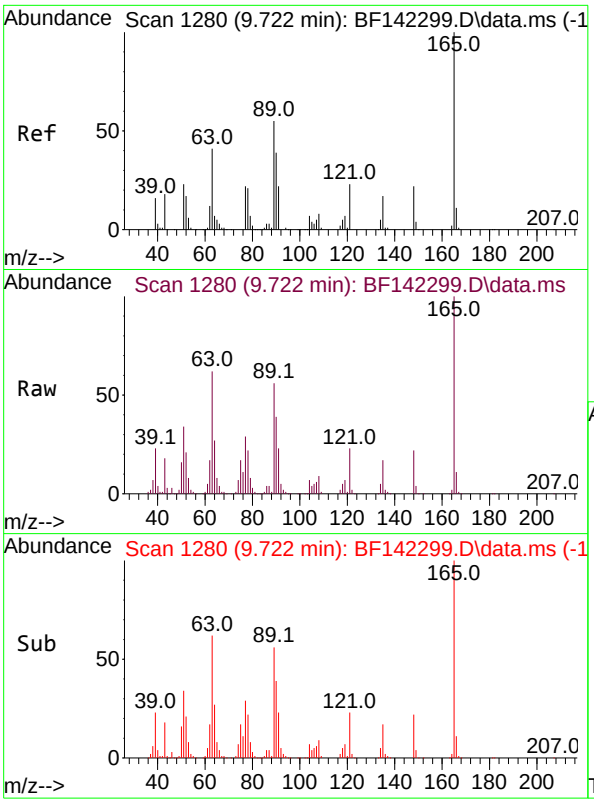


#50
Dimethylphthalate
Concen: 37.675 ng
RT: 9.663 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:163 Resp: 1097900

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	8.3	12.5

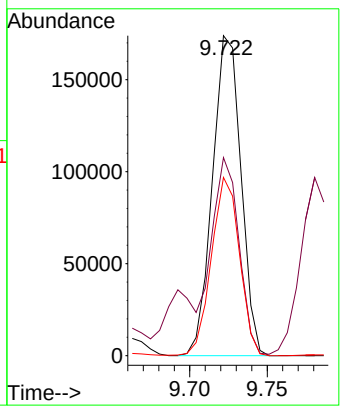




#51
2,6-Dinitrotoluene
Concen: 40.792 ng
RT: 9.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:165 Resp: 22250

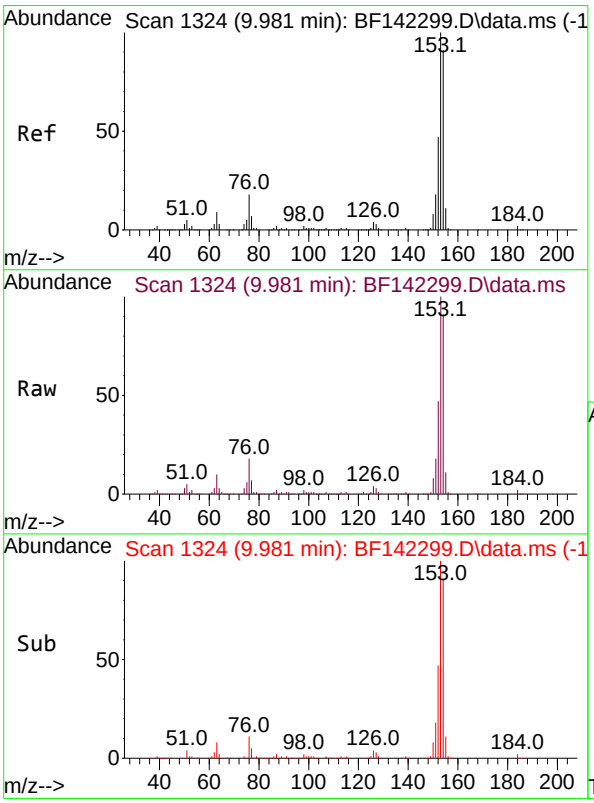
Ion	Ratio	Lower	Upper
165	100		
63	61.9	49.5	74.3
89	55.7	44.6	66.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

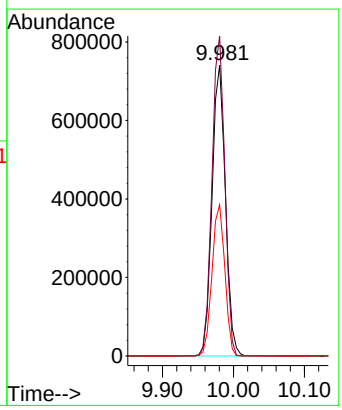
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

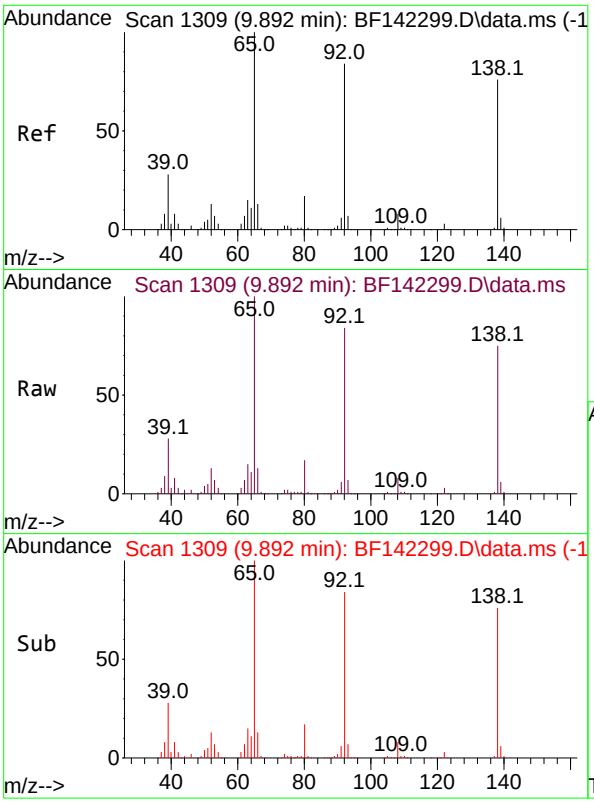


#52
Acenaphthene
Concen: 37.171 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:154 Resp: 967532

Ion	Ratio	Lower	Upper
154	100		
153	110.0	88.0	132.0
152	52.0	41.6	62.4

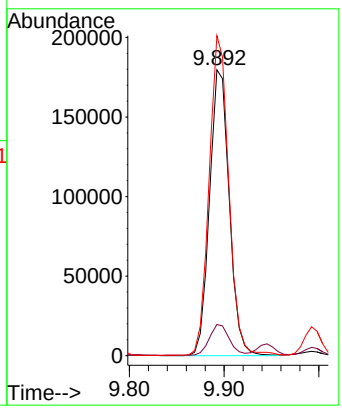




#53
3-Nitroaniline
Concen: 40.600 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:138 Resp: 25973

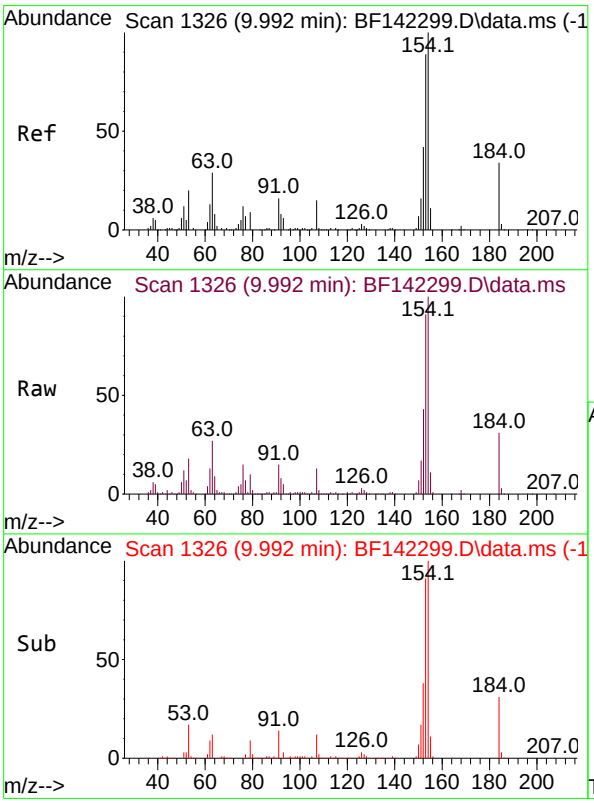
Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.7	13.1
92	111.9	89.5	134.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

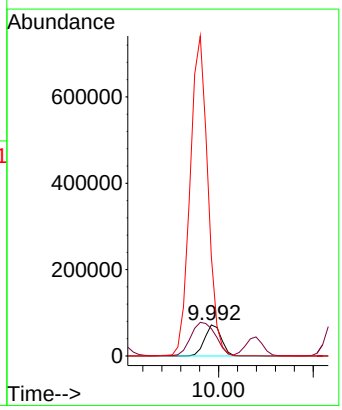
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

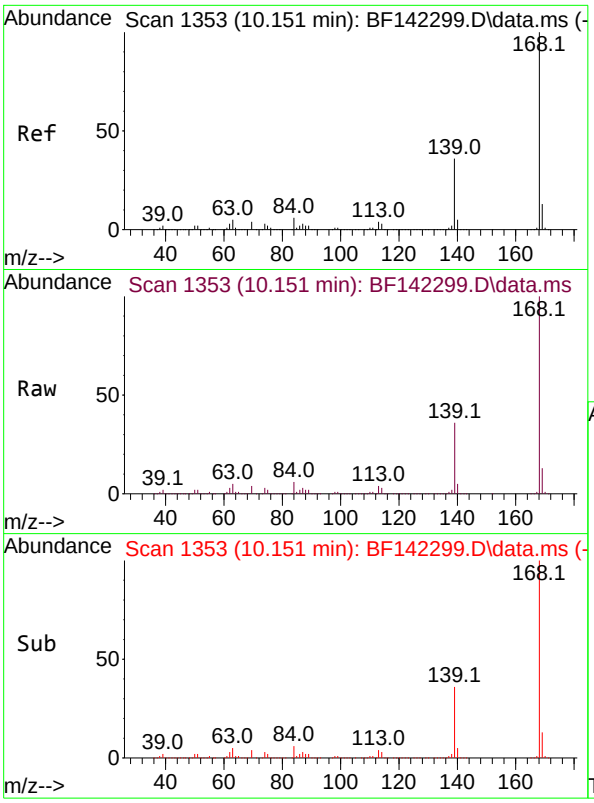


#54
2,4-Dinitrophenol
Concen: 35.617 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:184 Resp: 88227

Ion	Ratio	Lower	Upper
184	100		
63	88.2	70.6	105.8
154	321.5	257.2	385.8

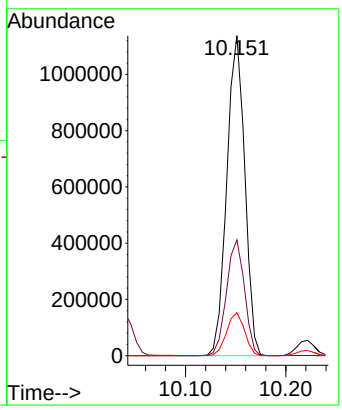




#55
Dibenzofuran
Concen: 36.745 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:168 Resp: 141151

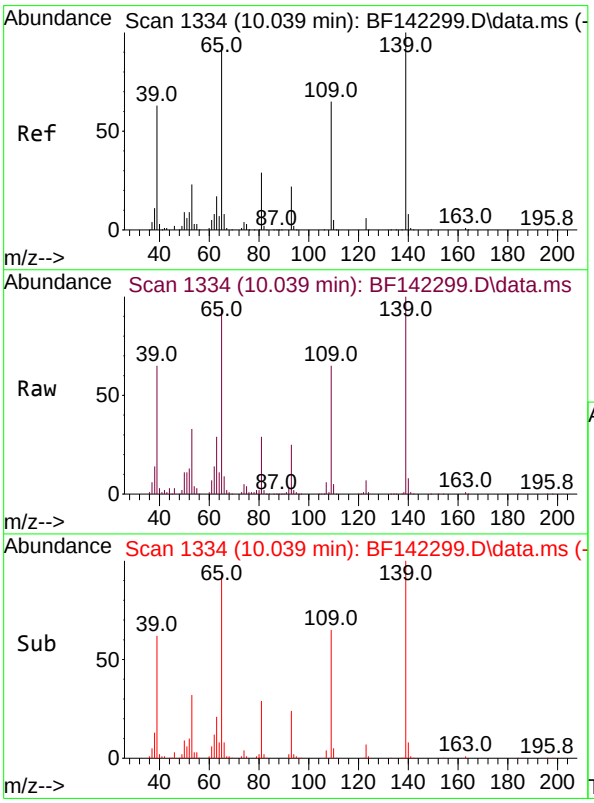
Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.0	43.4
169	13.4	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

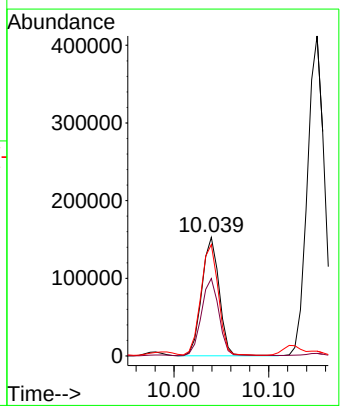
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

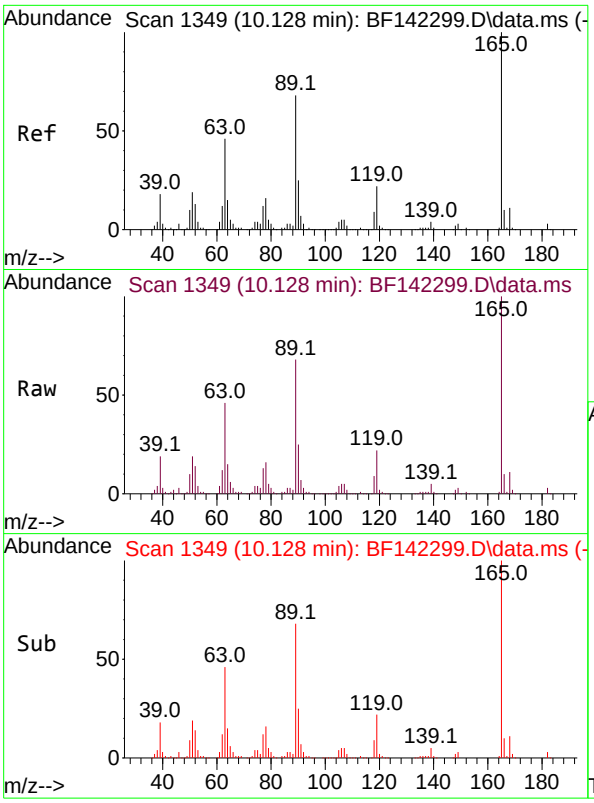


#56
4-Nitrophenol
Concen: 40.380 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:139 Resp: 194419

Ion	Ratio	Lower	Upper
139	100		
109	65.3	45.3	85.3
65	93.9	73.9	113.9

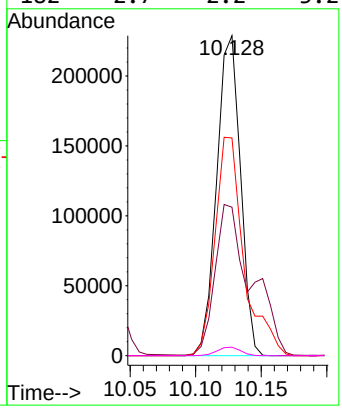




#57
2,4-Dinitrotoluene
Concen: 41.281 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:165 Resp: 28883

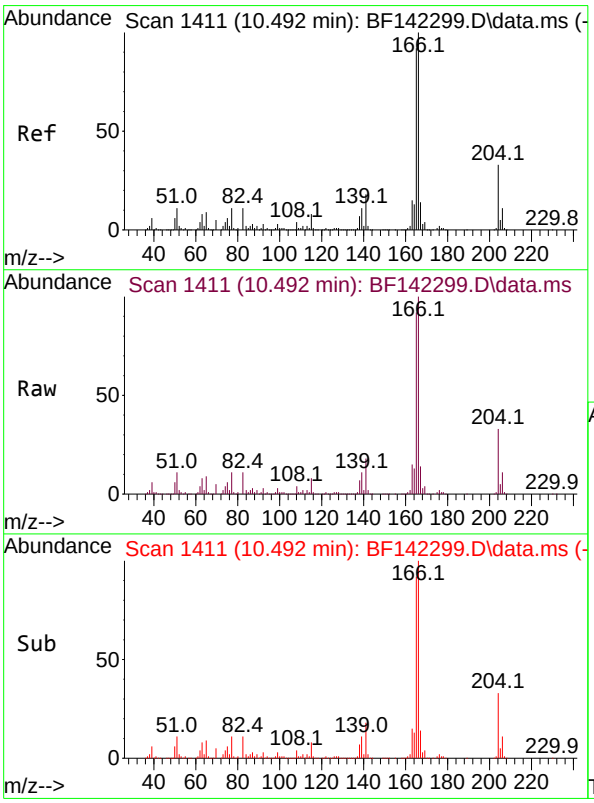
Ion	Ratio	Lower	Upper
165	100		
63	46.4	37.1	55.7
89	68.0	54.4	81.6
182	2.7	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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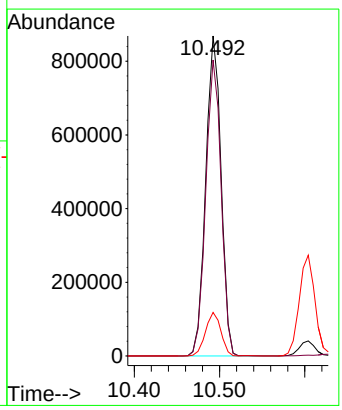
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

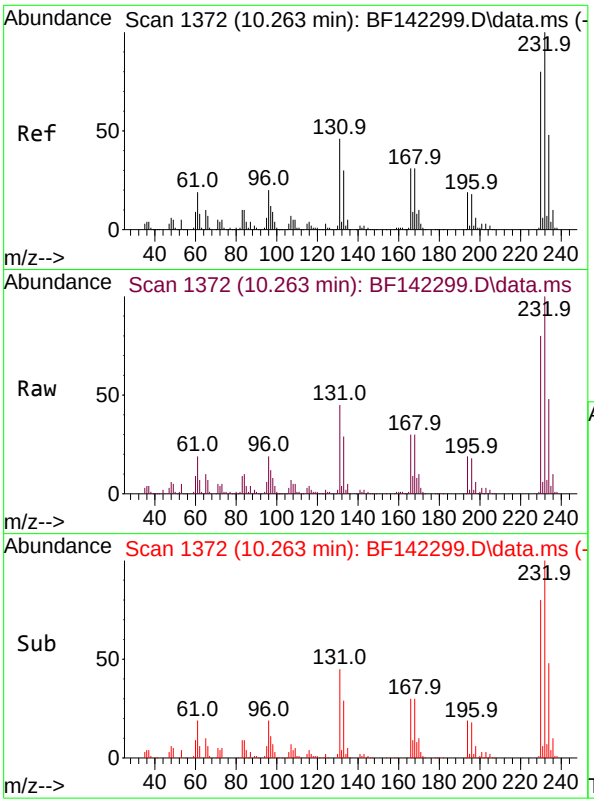


#58
Fluorene
Concen: 36.984 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:166 Resp: 1084214

Ion	Ratio	Lower	Upper
166	100		
165	92.5	74.0	111.0
167	13.6	10.9	16.3

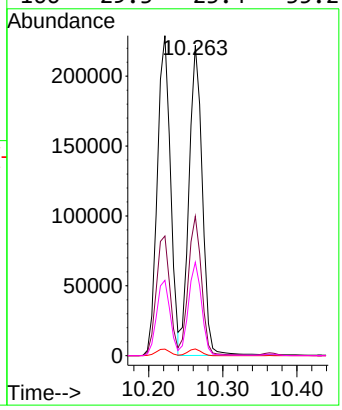




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.451 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:232 Resp: 27704

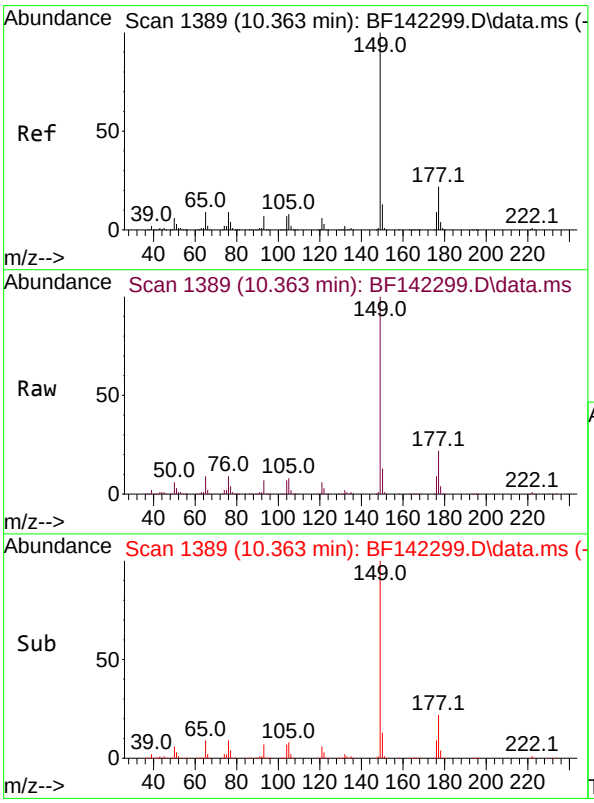
Ion	Ratio	Lower	Upper
232	100		
131	45.0	36.0	54.0
130	2.2	1.8	2.6
166	29.3	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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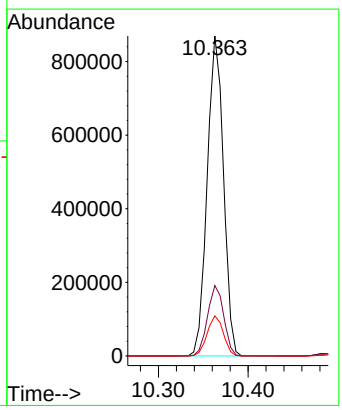
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

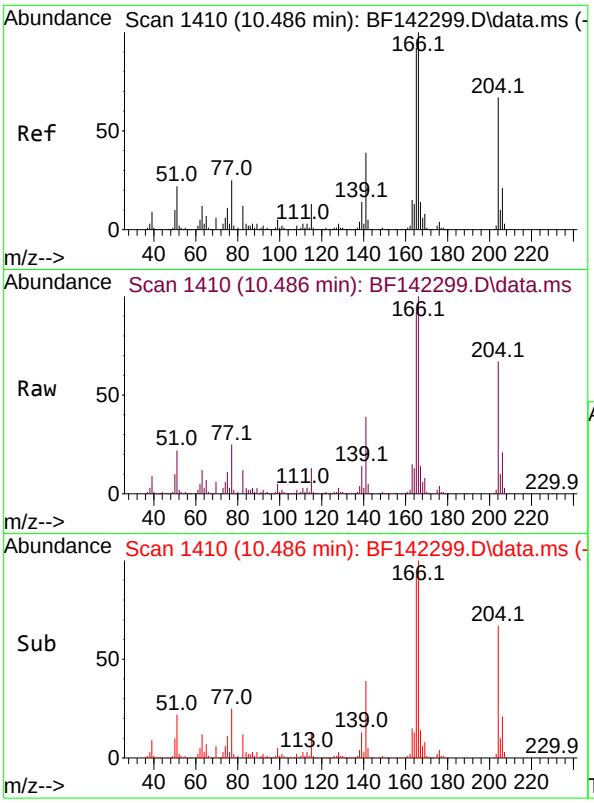


#60
Diethylphthalate
Concen: 37.640 ng
RT: 10.363 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:149 Resp: 1095399

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.6	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 37.028 ng
RT: 10.486 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

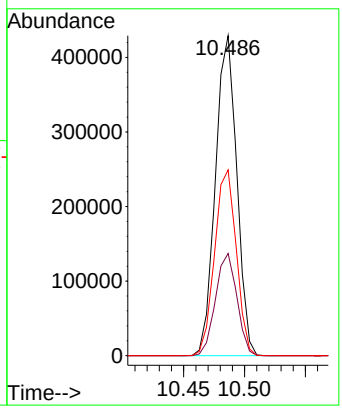
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

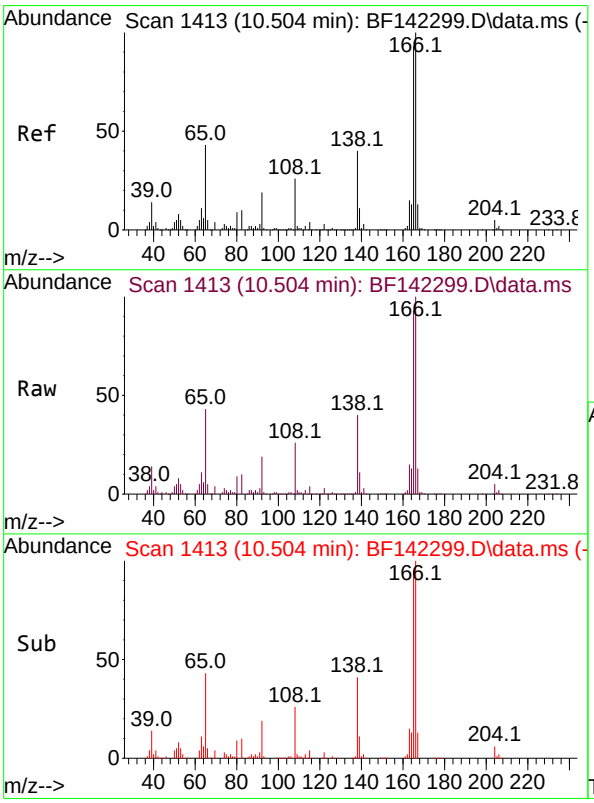
Tgt Ion:204 Resp: 52371

Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.5	38.3
141	58.0	46.4	69.6

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

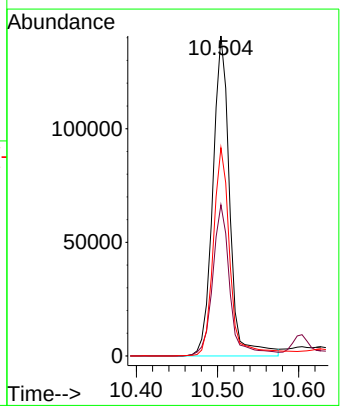


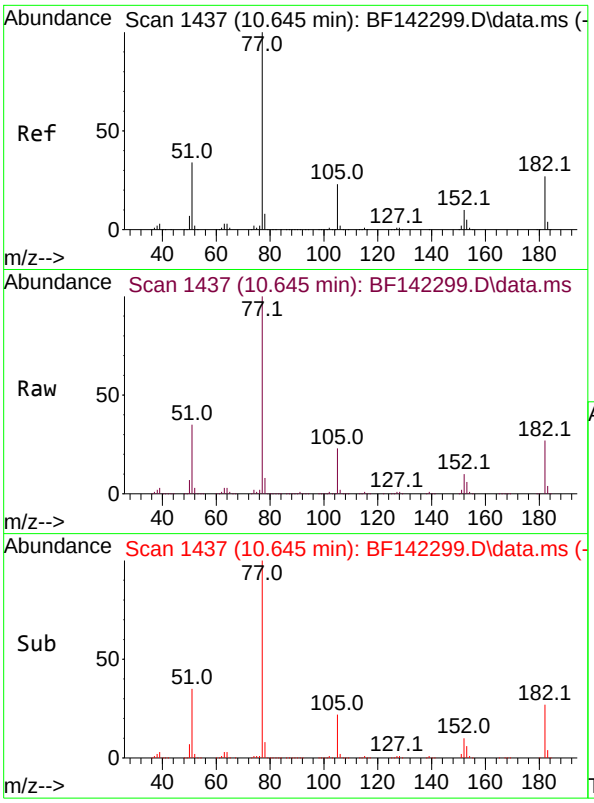


#62
4-Nitroaniline
Concen: 40.198 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:138 Resp: 203816

Ion	Ratio	Lower	Upper
138	100		
92	47.3	27.3	67.3
108	65.1	45.1	85.1

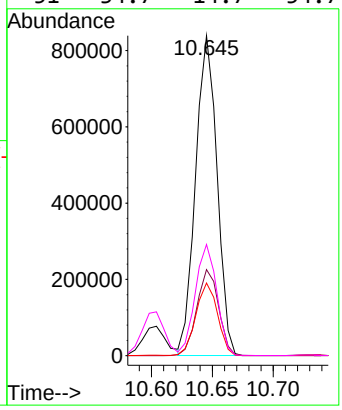




#63
Azobenzene
Concen: 36.938 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 77 Resp: 102722

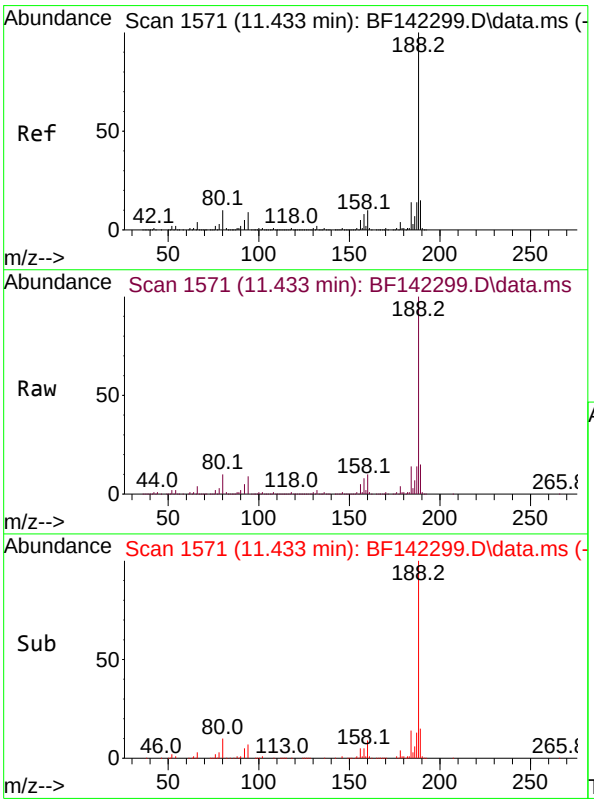
Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.9	46.9
105	22.7	2.7	42.7
51	34.7	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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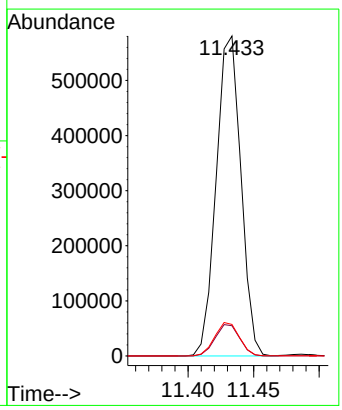
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

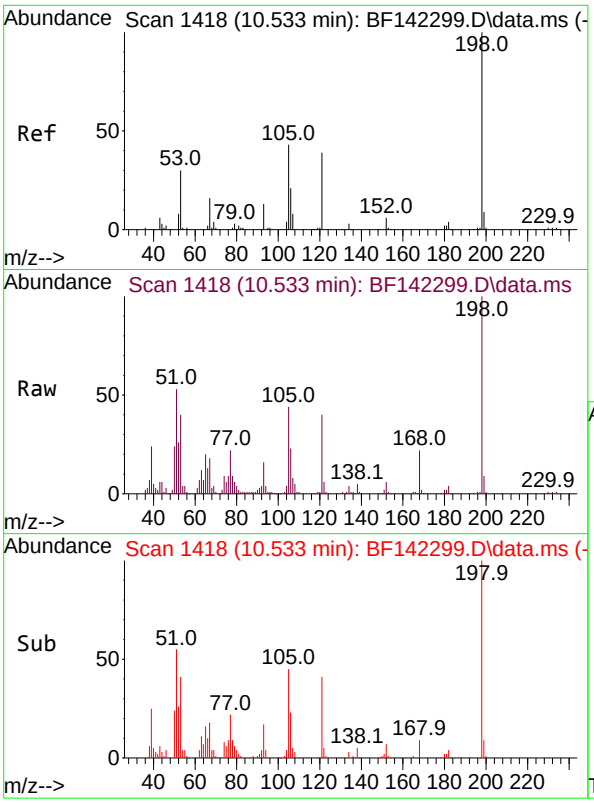


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:188 Resp: 760936

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	9.9	7.9	11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 36.690 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

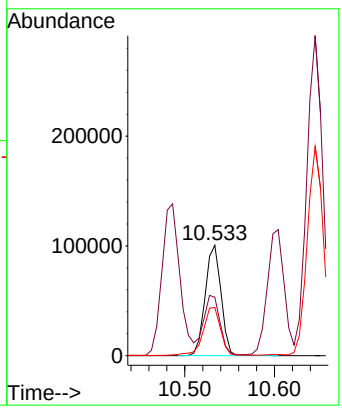
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

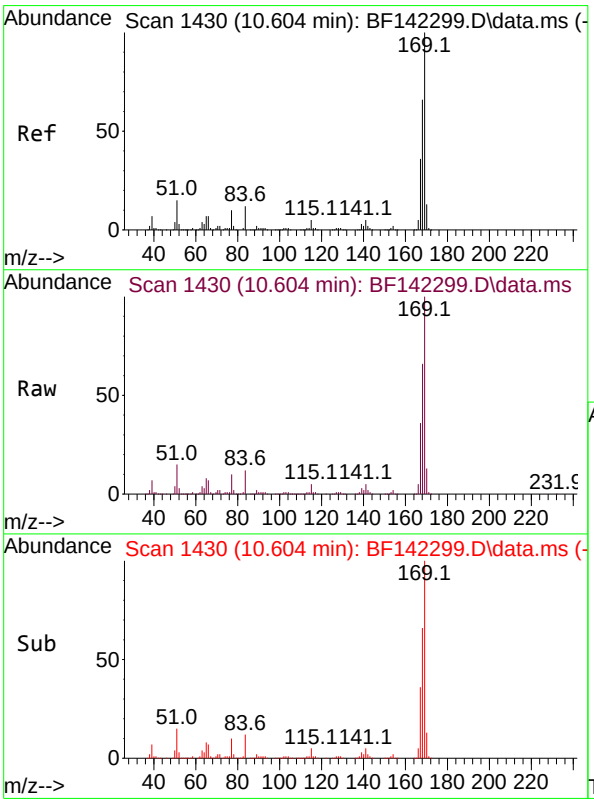
Tgt Ion:198 Resp: 12307

Ion	Ratio	Lower	Upper
198	100		
51	52.9	32.9	72.9
105	43.7	23.7	63.7

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

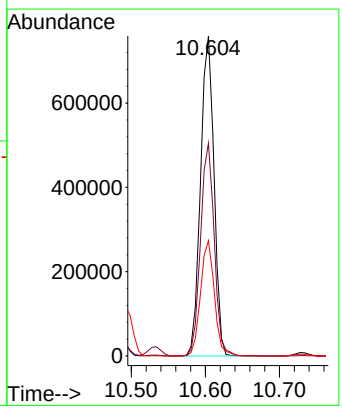


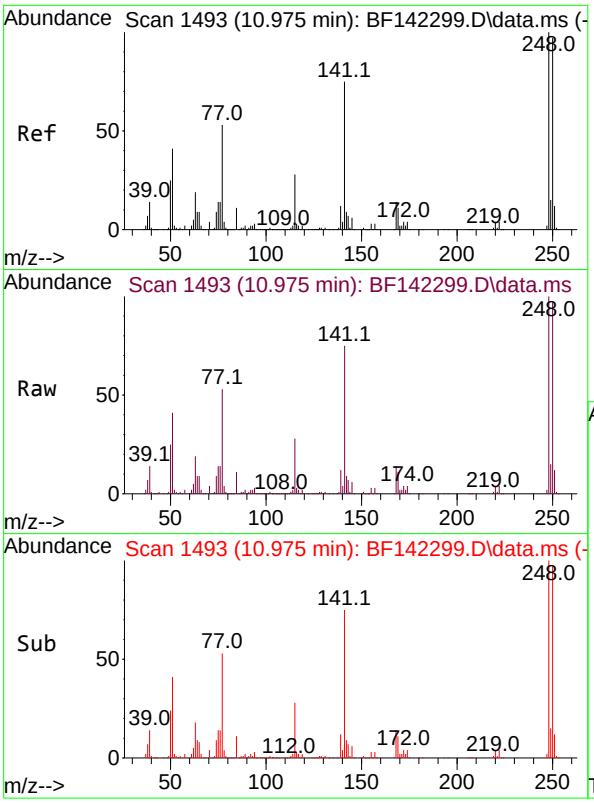


#66
n-Nitrosodiphenylamine
Concen: 37.816 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:169 Resp: 957534

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	36.1	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 38.106 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

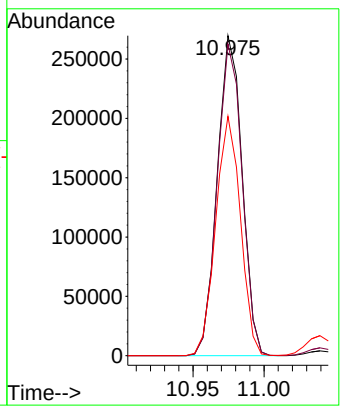
Tgt Ion:248 Resp: 32862

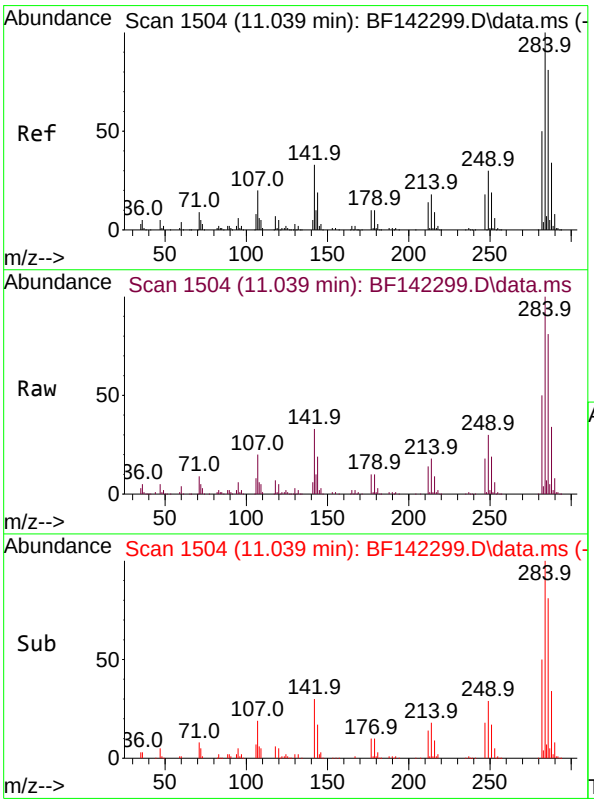
Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.9	116.9
141	74.8	59.8	89.8

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

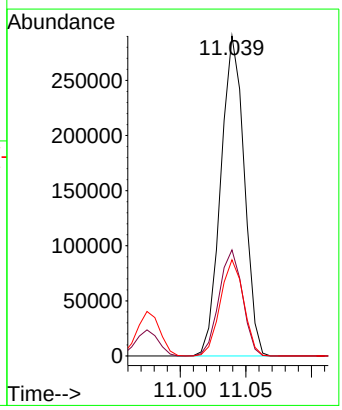


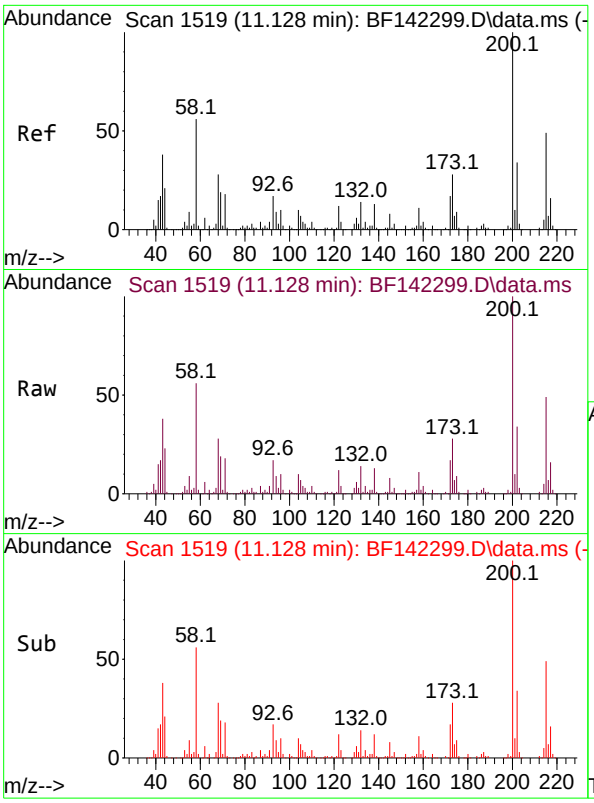


#68
Hexachlorobenzene
Concen: 38.046 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:284 Resp: 360906

Ion	Ratio	Lower	Upper
284	100		
142	33.2	26.6	39.8
249	30.1	24.1	36.1

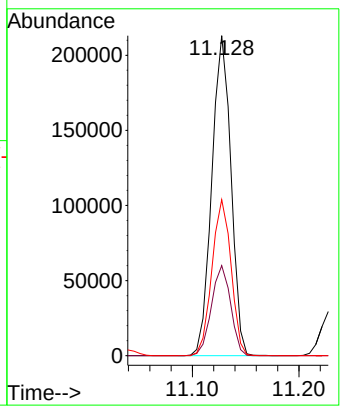




#69
Atrazine
Concen: 39.786 ng
RT: 11.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:200 Resp: 26555

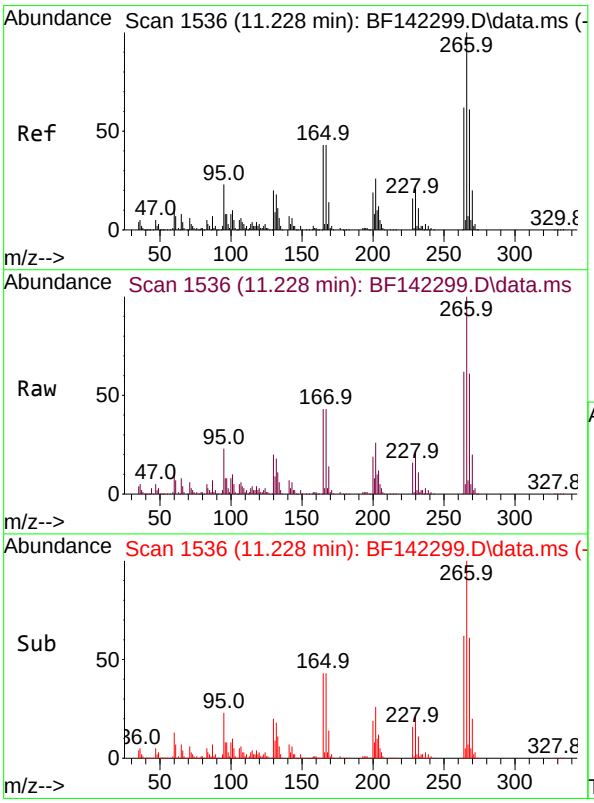
Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.1	48.1
215	48.8	28.8	68.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

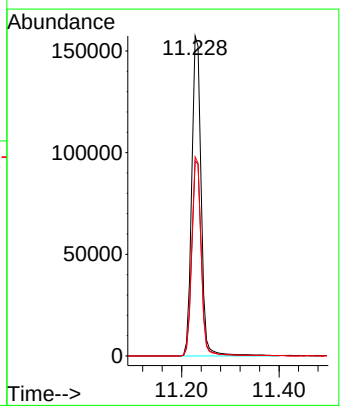
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

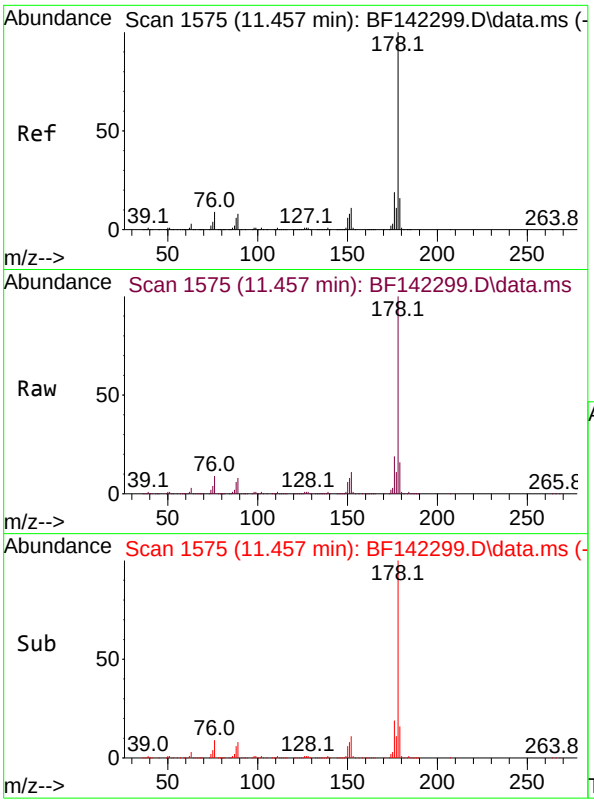


#70
Pentachlorophenol
Concen: 42.334 ng
RT: 11.228 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:266 Resp: 211262

Ion	Ratio	Lower	Upper
266	100		
268	60.9	48.7	73.1
264	62.2	49.8	74.6

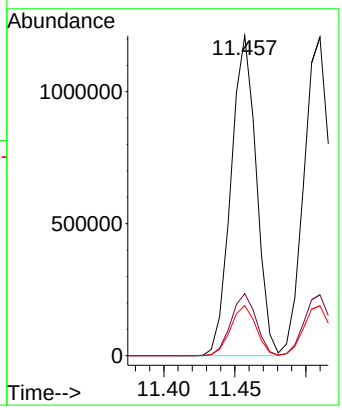




#71
Phenanthrene
Concen: 37.687 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:178 Resp: 150319

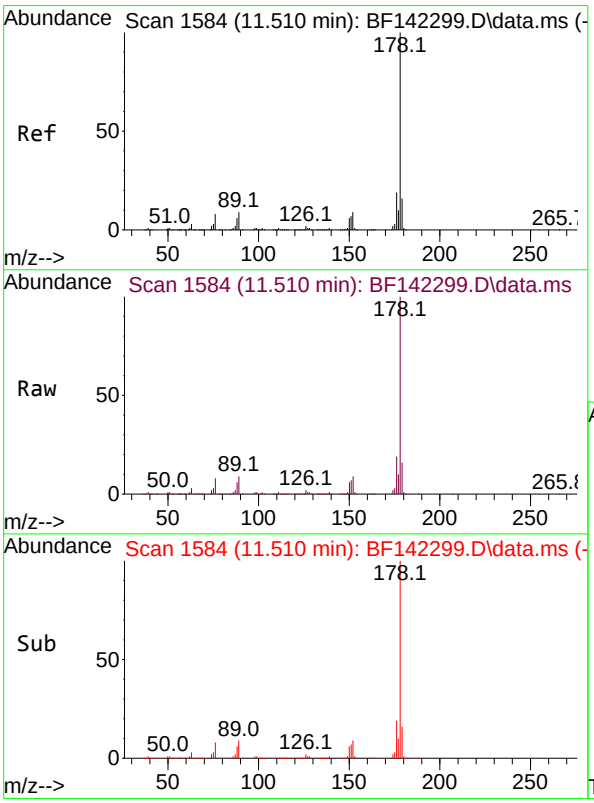
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.7	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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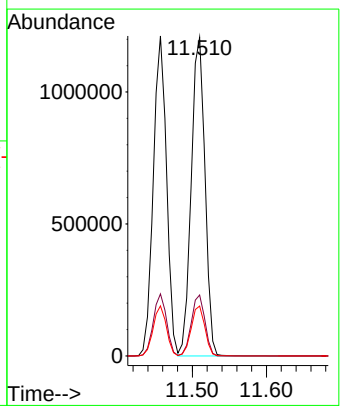
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

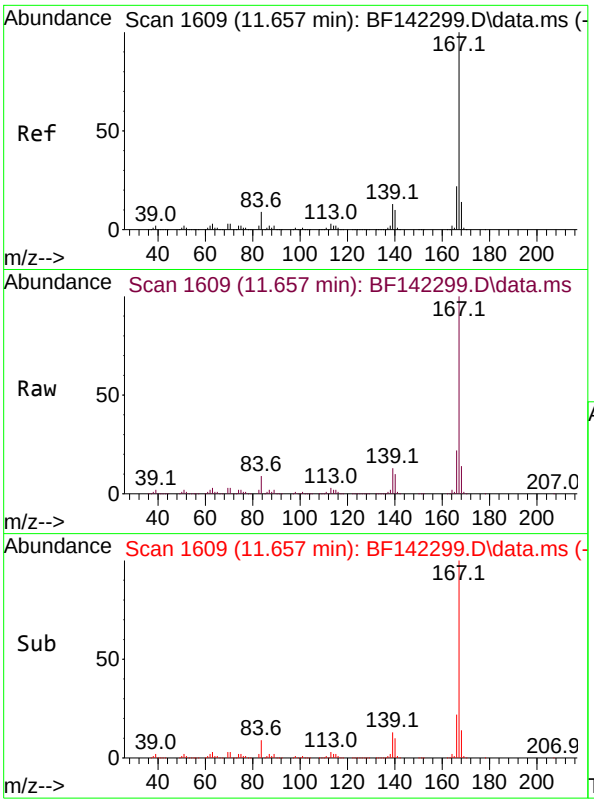


#72
Anthracene
Concen: 37.808 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:178 Resp: 1549487

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.7	12.6	18.8

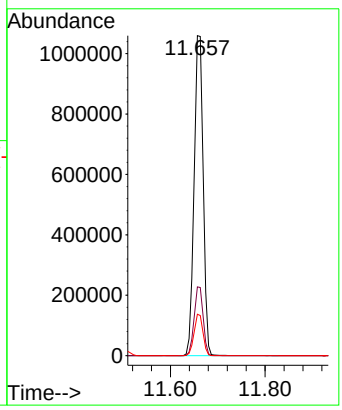




#73
Carbazole
Concen: 38.332 ng
RT: 11.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:167 Resp: 140940

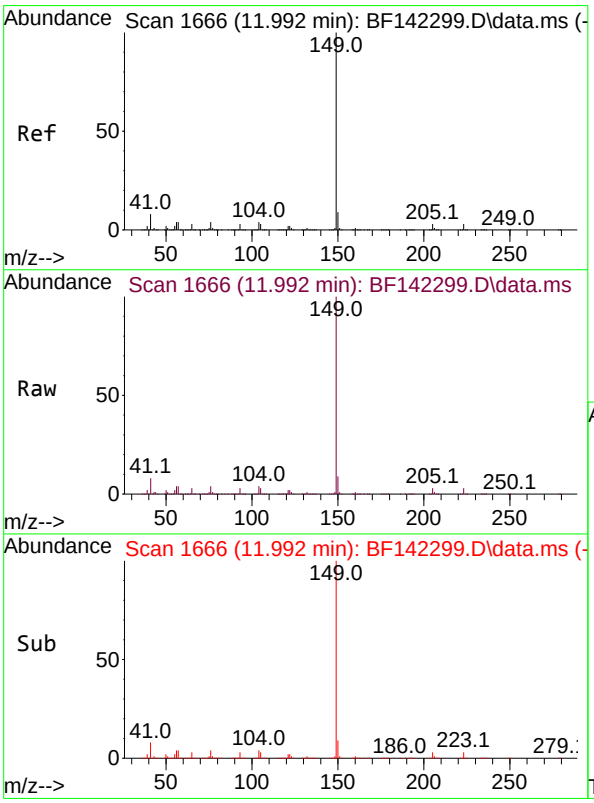
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.9	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

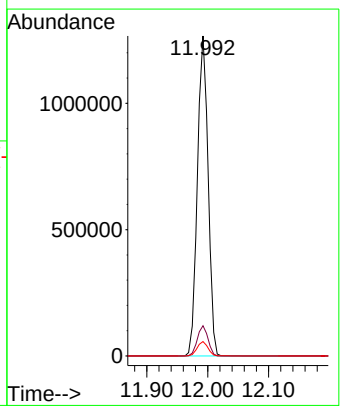
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

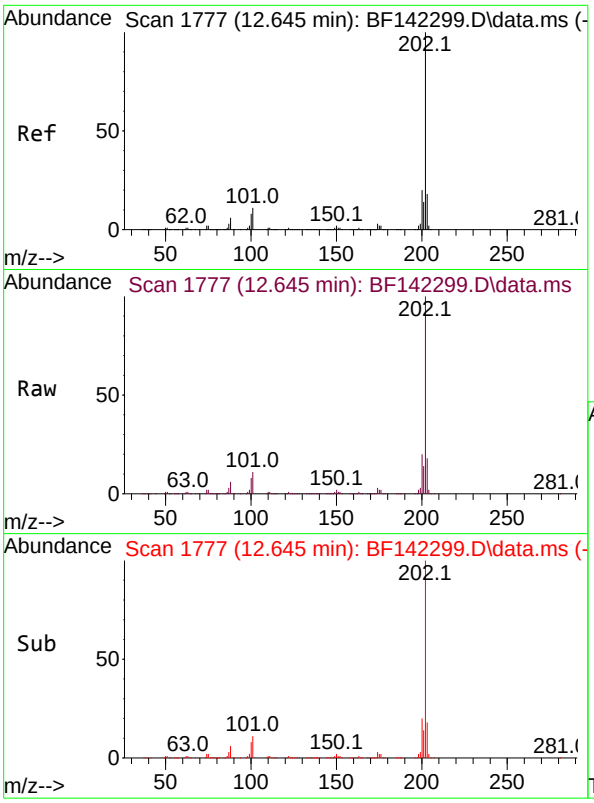


#74
Di-n-butylphthalate
Concen: 39.856 ng
RT: 11.992 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:149 Resp: 1540981

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.5	3.6	5.4

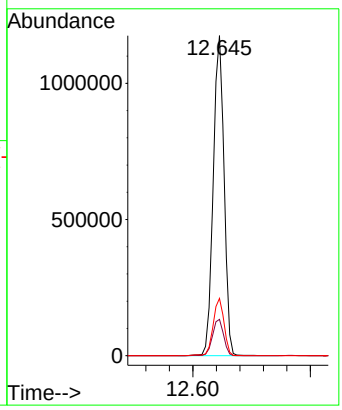




#75
Fluoranthene
Concen: 37.616 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:202 Resp: 149980

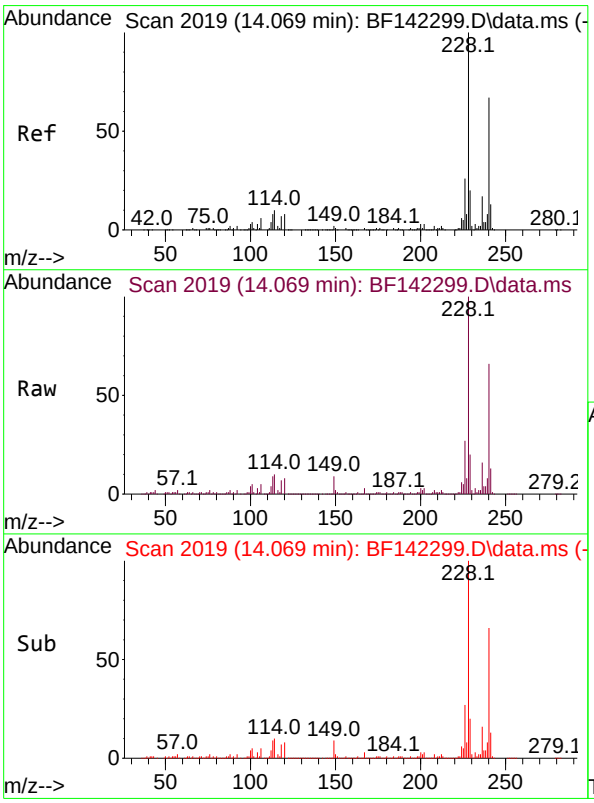
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.9	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

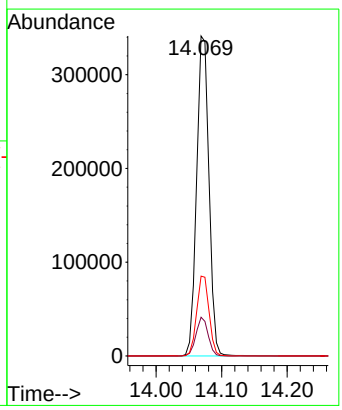
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

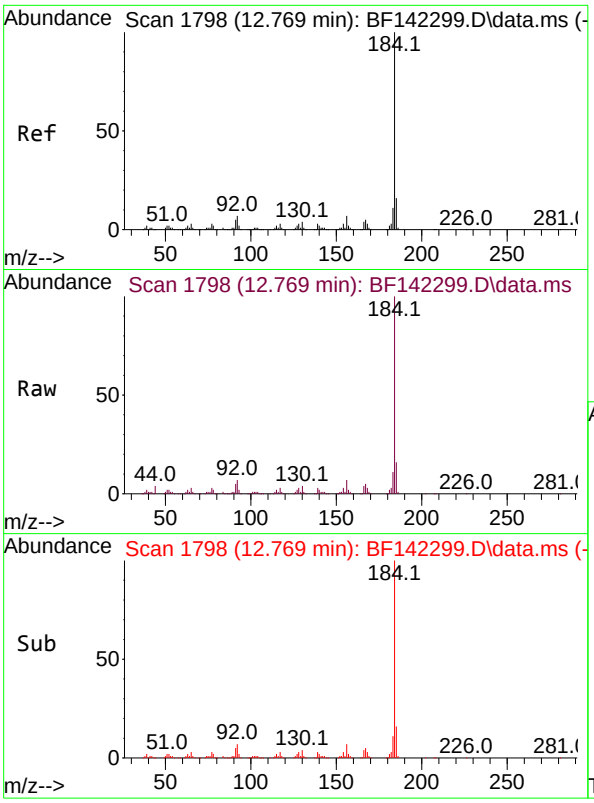


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:240 Resp: 448285

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.7	14.5
236	25.0	20.0	30.0

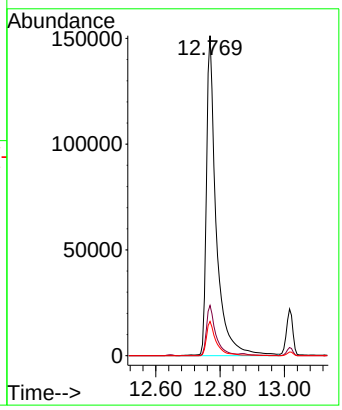




#77
Benzidine
Concen: 39.408 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:184 Resp: 32104

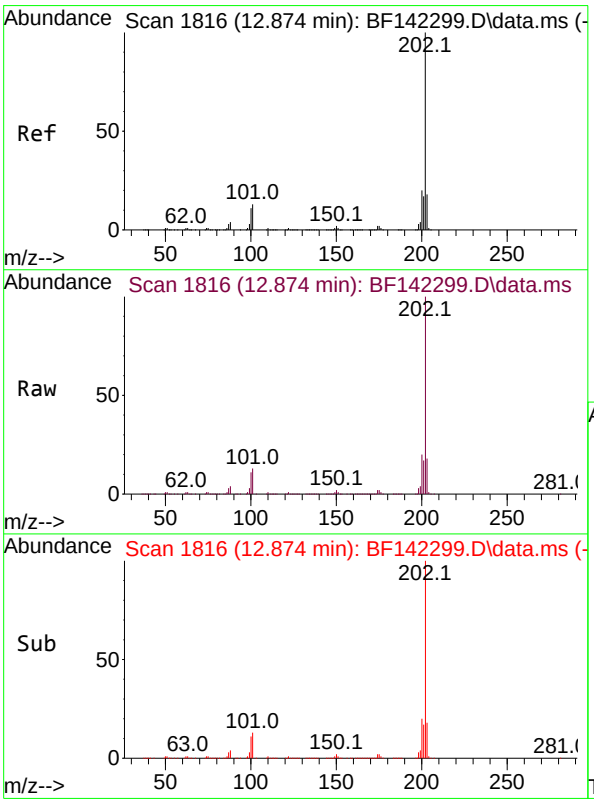
Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	10.7	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

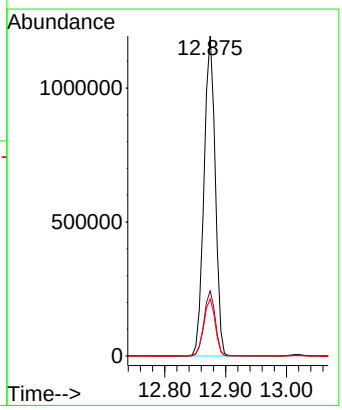
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

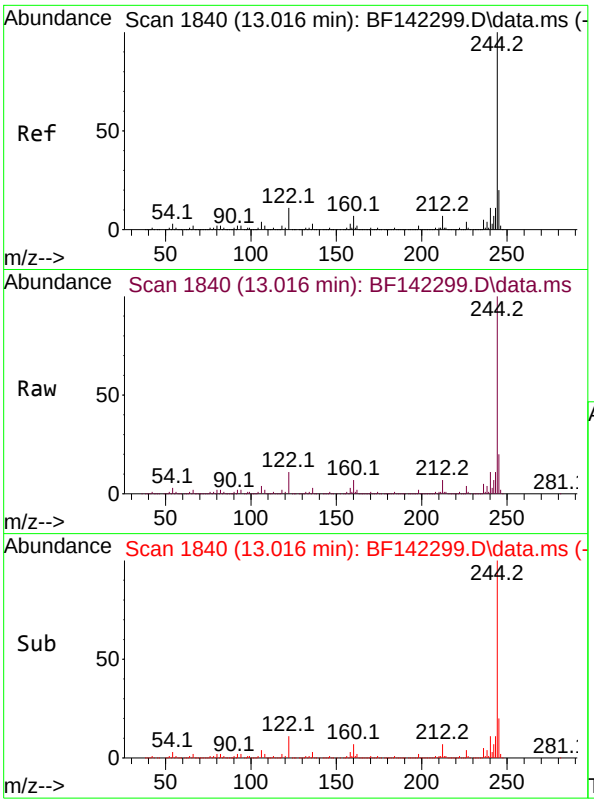


#78
Pyrene
Concen: 38.307 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:202 Resp: 1528516

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.9	14.3	21.5





#79
Terphenyl-d14
Concen: 74.299 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

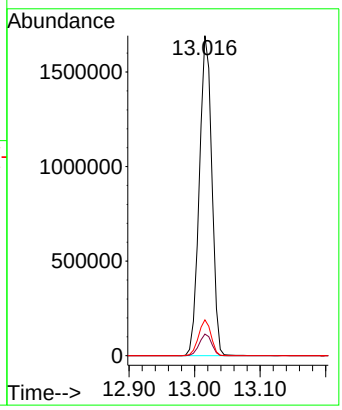
Tgt Ion:244 Resp: 225033

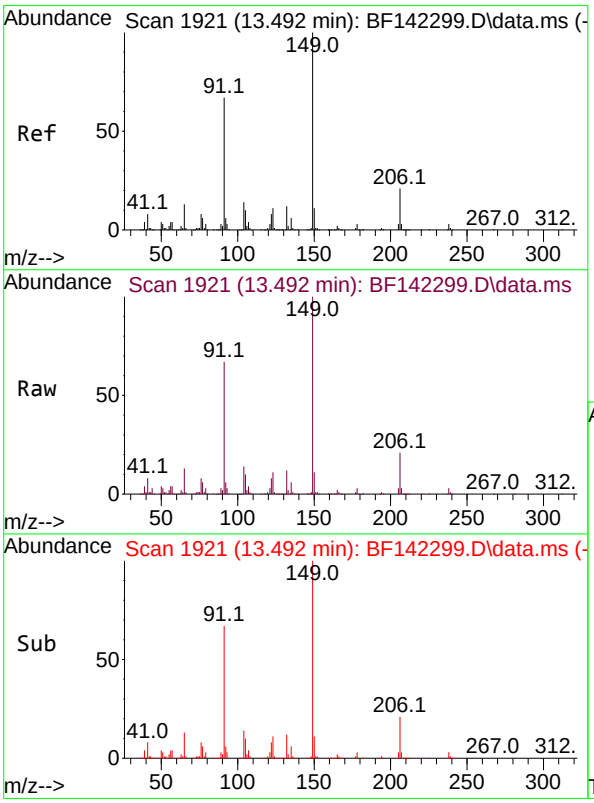
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.2	9.0	13.4

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

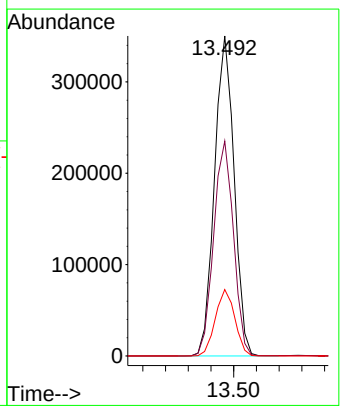


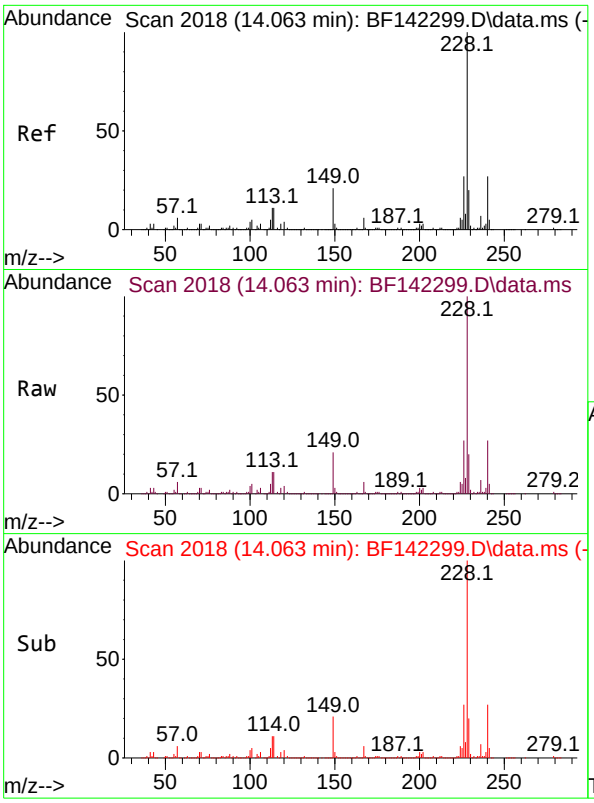


#80
Butylbenzylphthalate
Concen: 36.993 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:149 Resp: 420197

Ion	Ratio	Lower	Upper
149	100		
91	67.2	53.8	80.6
206	20.7	16.6	24.8

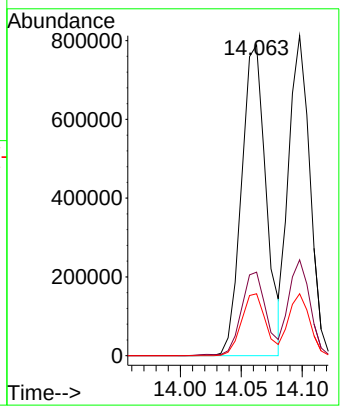




#81
Benzo(a)anthracene
Concen: 38.218 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:228 Resp: 110951

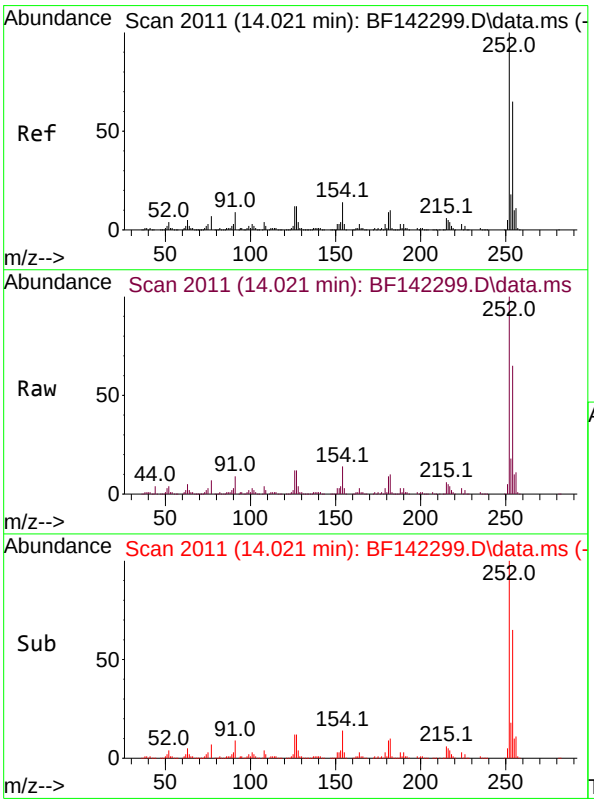
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.5	32.3
229	19.9	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

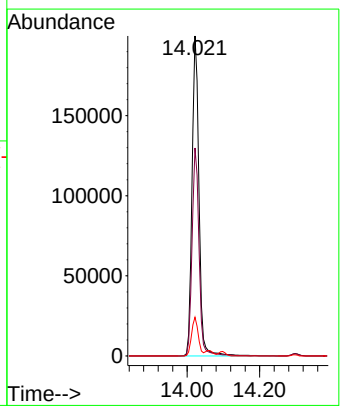
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

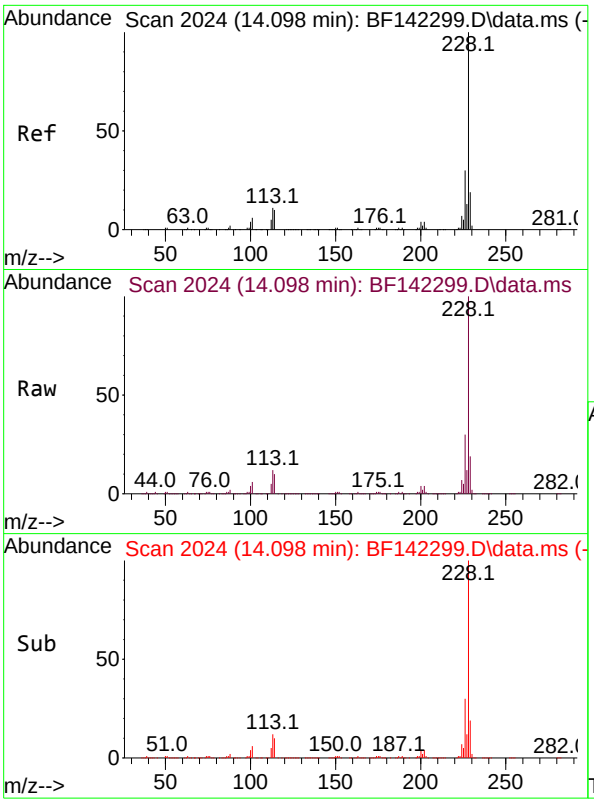


#82
3,3'-Dichlorobenzidine
Concen: 39.352 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:252 Resp: 265678

Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.0	78.0
126	12.1	9.7	14.5





#83
Chrysene
Concen: 36.624 ng
RT: 14.098 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

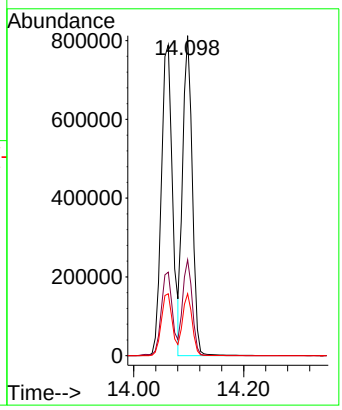
Tgt Ion:228 Resp: 98981

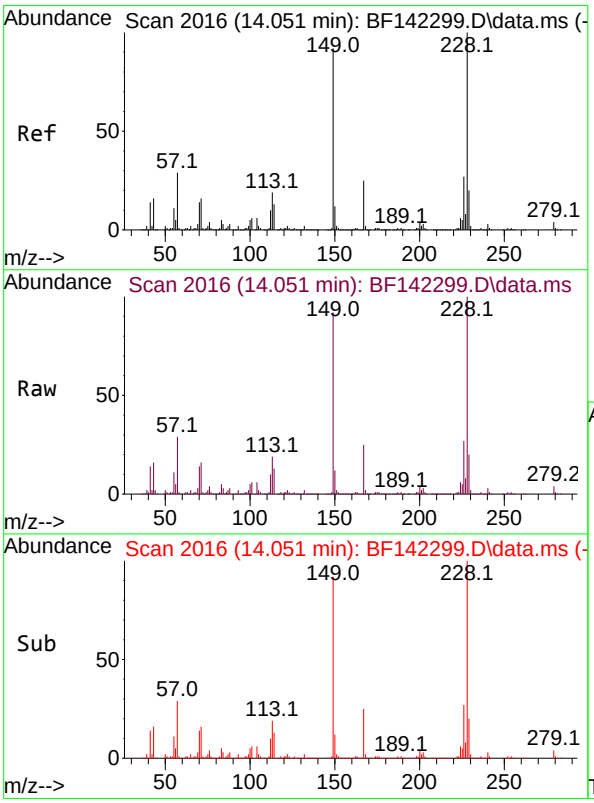
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.3	15.4	23.2

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

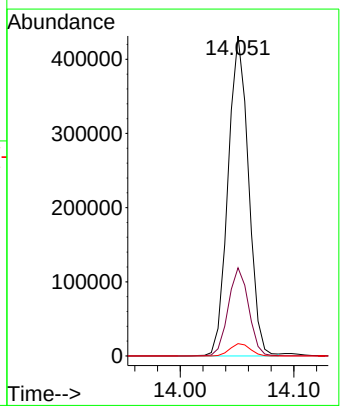


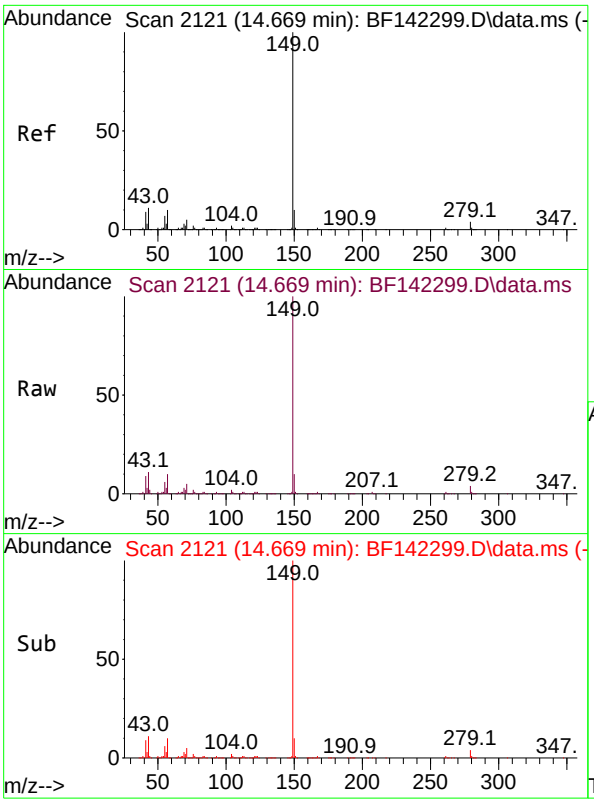


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.650 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:149 Resp: 539105

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.0	33.0
279	3.8	3.0	4.6

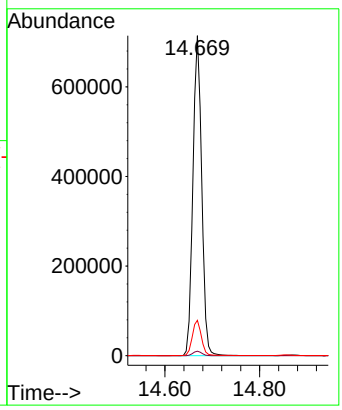




#85
Di-n-octyl phthalate
Concen: 36.079 ng
RT: 14.669 min Scan# 21
Delta R.T. -0.001 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:149 Resp: 92280

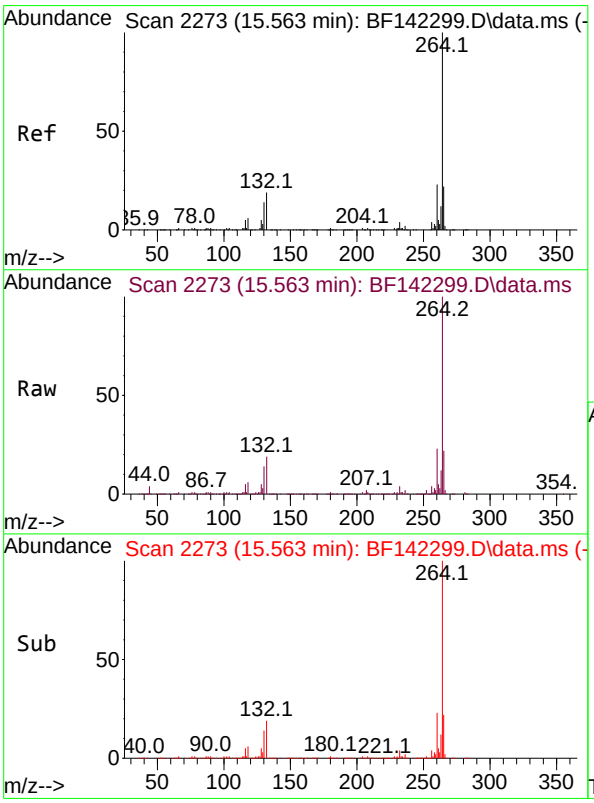
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	11.5	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

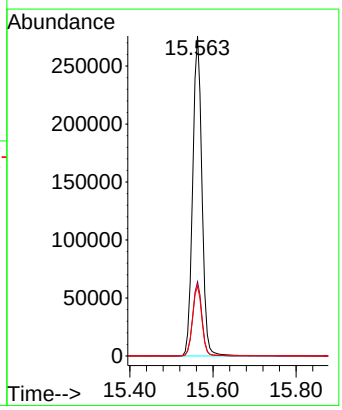
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

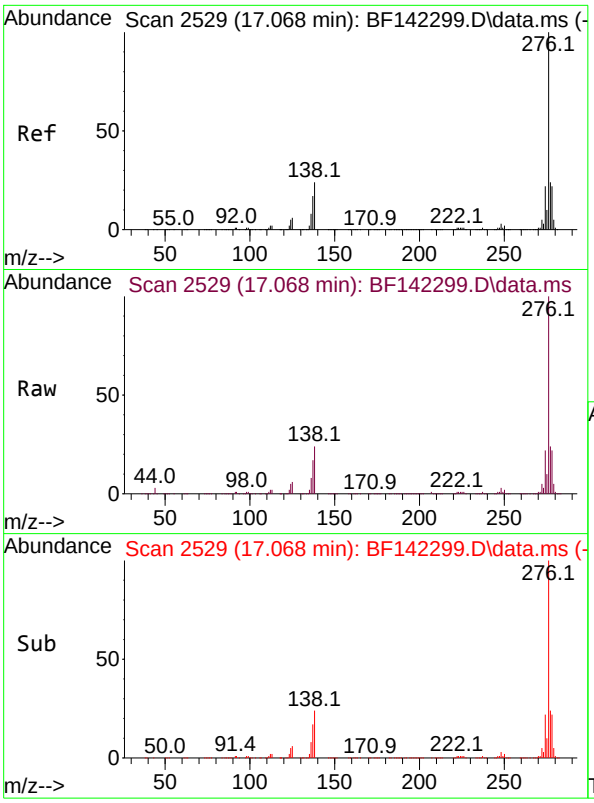


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:264 Resp: 426732

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.9	17.5	26.3

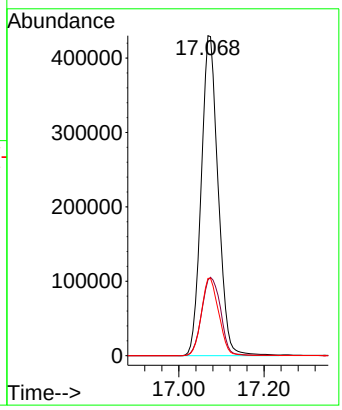




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.794 ng
RT: 17.068 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:276 Resp: 118126

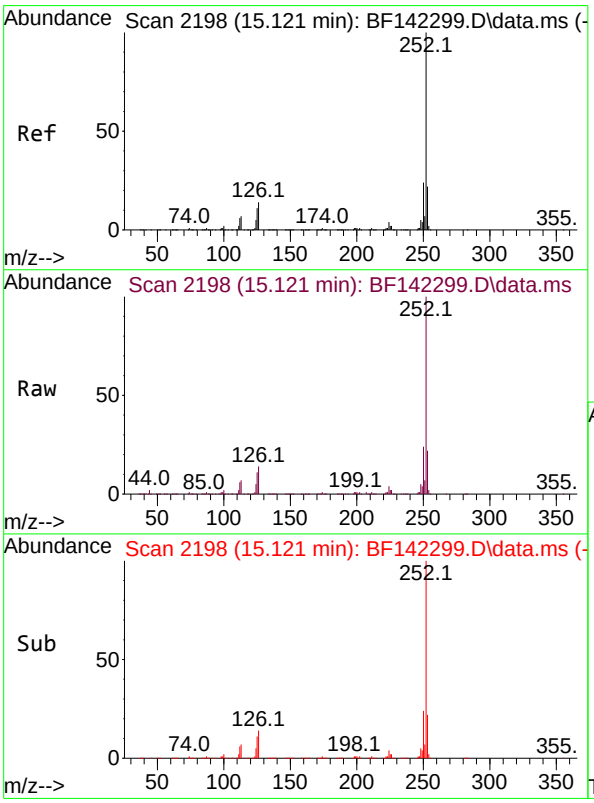
Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.0	33.0
277	25.1	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

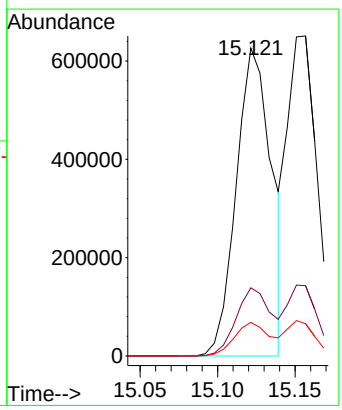
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

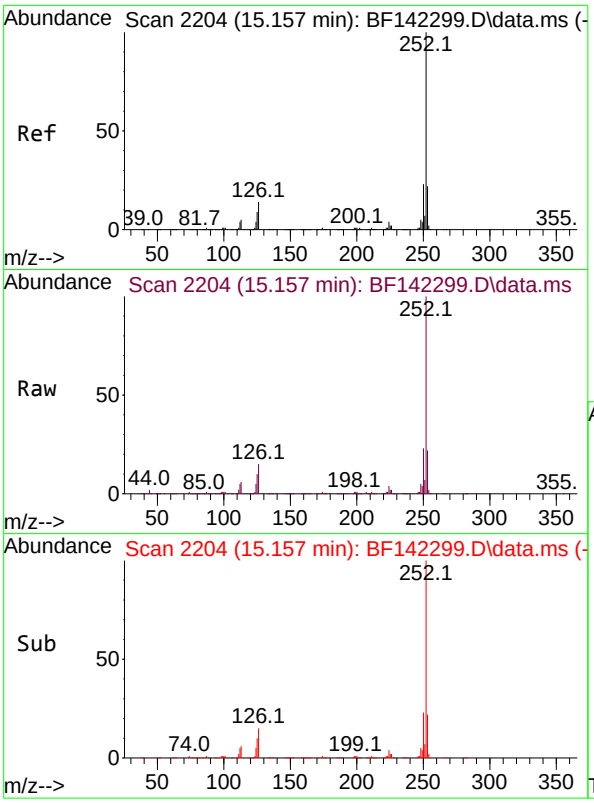


#88
Benzo(b)fluoranthene
Concen: 38.414 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:252 Resp: 992827

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.9	8.7	13.1

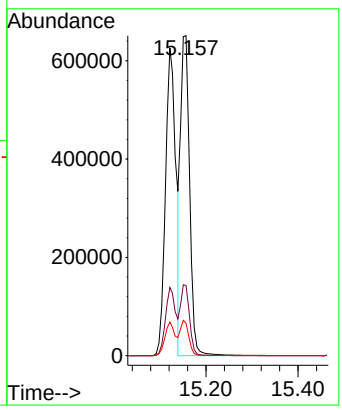




#89
Benzo(k)fluoranthene
Concen: 37.546 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:252 Resp: 88802

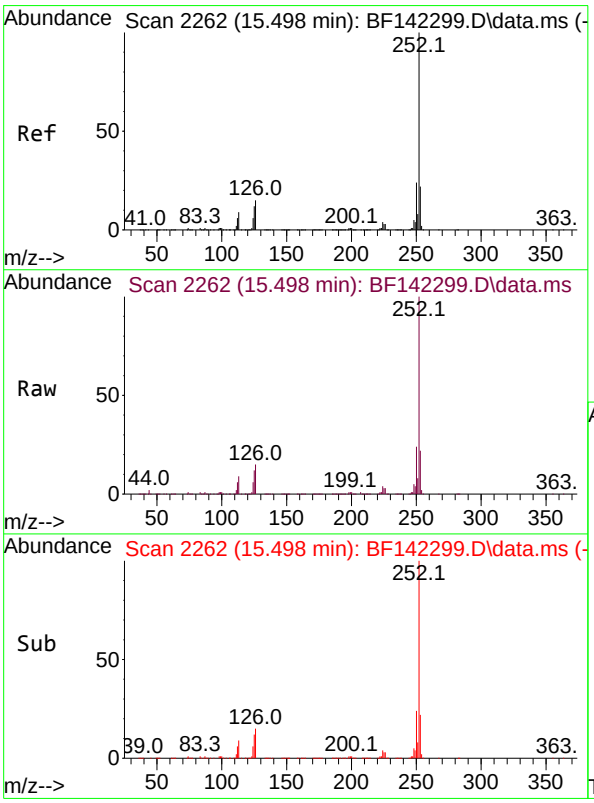
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.1	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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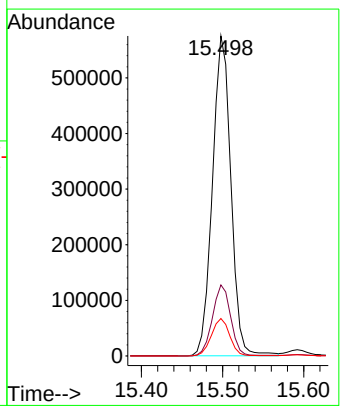
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

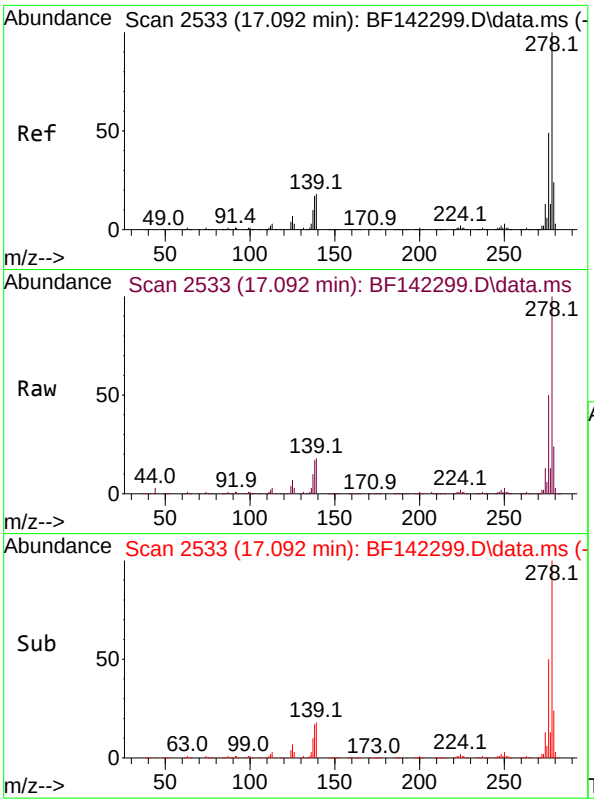


#90
Benzo(a)pyrene
Concen: 39.269 ng
RT: 15.498 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:252 Resp: 909479

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.7	9.4	14.0

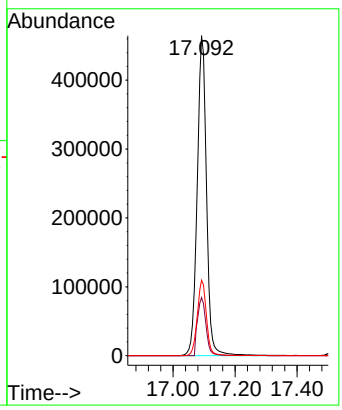




#91
Dibenzo(a,h)anthracene
Concen: 39.578 ng
RT: 17.092 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:278 Resp: 97062

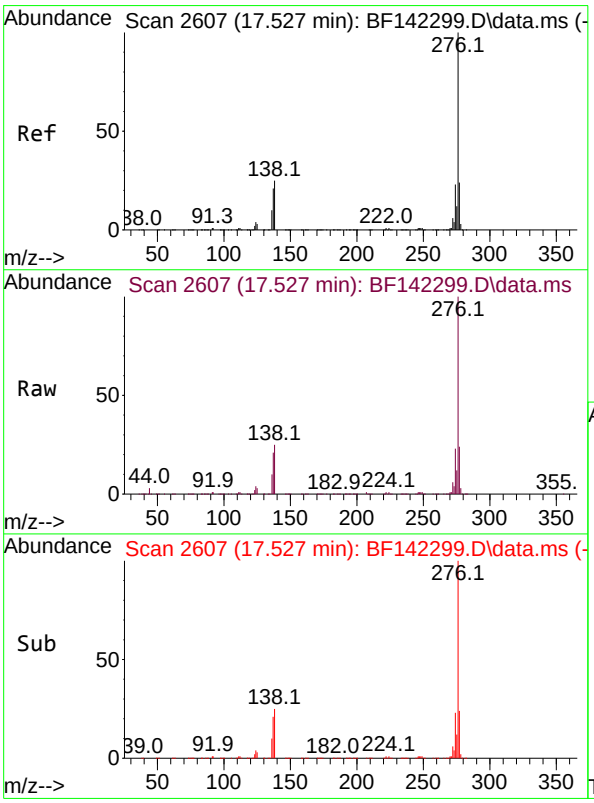
Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.5	21.7
279	23.6	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

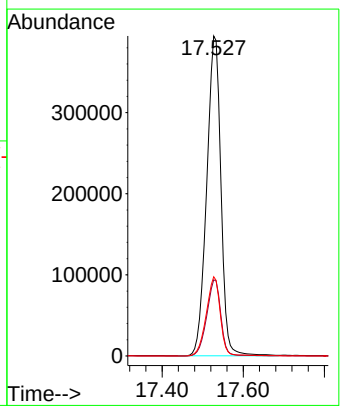
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#92
Benzo(g,h,i)perylene
Concen: 39.285 ng
RT: 17.527 min Scan# 2607
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:276 Resp: 956211

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	24.7	19.8	29.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142300.D
Acq On : 05 May 2025 16:18
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 18:00:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	184142	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	725434	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	381581	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	653321	20.000	ng	0.00
76) Chrysene-d12	14.074	240	361528	20.000	ng	0.00
86) Perylene-d12	15.563	264	352732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1127279	104.504	ng	0.00
7) Phenol-d6	6.528	99	1380723	104.071	ng	0.00
23) Nitrobenzene-d5	7.469	82	1306356	109.825	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	416395	113.025	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2550133	95.292	ng	0.00
79) Terphenyl-d14	13.016	244	2512161	102.849	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	250125	51.492	ng	100
3) Pyridine	3.446	79	603723	52.856	ng	99
4) n-Nitrosodimethylamine	3.399	42	349382	52.710	ng	99
6) Aniline	6.569	93	710390	54.590	ng	100
8) 2-Chlorophenol	6.687	128	619795	53.769	ng	99
9) Benzaldehyde	6.457	77	346249	44.591	ng	100
10) Phenol	6.540	94	727274m	51.714	ng	
11) bis(2-Chloroethyl)ether	6.640	93	698119m	50.339	ng	
12) 1,3-Dichlorobenzene	6.846	146	679991	51.563	ng	100
13) 1,4-Dichlorobenzene	6.928	146	679359	51.307	ng	99
14) 1,2-Dichlorobenzene	7.075	146	655534	51.578	ng	99
15) Benzyl Alcohol	7.045	79	474305	55.210	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1077461	52.026	ng	100
17) 2-Methylphenol	7.151	107	492676	52.792	ng	100
18) Hexachloroethane	7.422	117	235428	53.439	ng	99
19) n-Nitroso-di-n-propyla...	7.322	70	429402	52.324	ng	99
20) 3+4-Methylphenols	7.304	107	613574	52.680	ng	94
22) Acetophenone	7.316	105	809554	50.190	ng	98
24) Nitrobenzene	7.493	77	610521	54.450	ng	98
25) Isophorone	7.728	82	1175639	52.193	ng	99
26) 2-Nitrophenol	7.804	139	279873	51.463	ng	99
27) 2,4-Dimethylphenol	7.834	122	596218	52.647	ng	99
28) bis(2-Chloroethoxy)met...	7.940	93	739692	51.070	ng	99
29) 2,4-Dichlorophenol	8.045	162	521673	54.183	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	550979	50.849	ng	100
31) Naphthalene	8.210	128	1773884	50.454	ng	100
32) Benzoic acid	7.945	122	322603m	51.963	ng	
33) 4-Chloroaniline	8.257	127	789321m	55.118	ng	
34) Hexachlorobutadiene	8.328	225	335206	52.244	ng	99
35) Caprolactam	8.628	113	160421	57.291	ng	97
36) 4-Chloro-3-methylphenol	8.734	107	526289	52.584	ng	99
37) 2-Methylnaphthalene	8.904	142	1114987	51.036	ng	99
38) 1-Methylnaphthalene	9.004	142	1142120	50.158	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	547513	51.375	ng	100
41) Hexachlorocyclopentadiene	9.057	237	369761	56.140	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	375122	55.803	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142300.D
Acq On : 05 May 2025 16:18
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: May 05 18:00:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	394344	55.134	ng		99
46) 1,1'-Biphenyl	9.369	154	1494596	51.084	ng		100
47) 2-Chloronaphthalene	9.392	162	1101937	50.645	ng		99
48) 2-Nitroaniline	9.481	65	327821	58.781	ng		98
49) Acenaphthylene	9.810	152	1868268	51.328	ng		99
50) Dimethylphthalate	9.669	163	1280292	52.252	ng		99
51) 2,6-Dinitrotoluene	9.728	165	267530	58.331	ng		95
52) Acenaphthene	9.981	154	1125706	51.436	ng		99
53) 3-Nitroaniline	9.898	138	313887	58.354	ng		98
54) 2,4-Dinitrophenol	9.998	184	114759	50.908	ng	#	15
55) Dibenzofuran	10.151	168	1632492	50.542	ng		99
56) 4-Nitrophenol	10.039	139	240972	59.524	ng		99
57) 2,4-Dinitrotoluene	10.128	165	350749	59.620	ng		100
58) Fluorene	10.492	166	1224371	49.671	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	327947	55.542	ng		99
60) Diethylphthalate	10.363	149	1282136	52.397	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	608508	51.168	ng		100
62) 4-Nitroaniline	10.504	138	229299	53.785	ng		98
63) Azobenzene	10.645	77	1211976	51.833	ng		100
65) 4,6-Dinitro-2-methylph...	10.534	198	154307	50.269	ng		96
66) n-Nitrosodiphenylamine	10.604	169	1120570	51.544	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	388493	52.469	ng		99
68) Hexachlorobenzene	11.039	284	420761	51.661	ng		99
69) Atrazine	11.128	200	319507	55.754	ng		99
70) Pentachlorophenol	11.228	266	249218	58.166	ng		98
71) Phenanthrene	11.457	178	1727795	50.453	ng		99
72) Anthracene	11.510	178	1784428	50.712	ng		100
73) Carbazole	11.663	167	1610611	51.019	ng		100
74) Di-n-butylphthalate	11.992	149	1785998	53.803	ng		100
75) Fluoranthene	12.645	202	1717060	50.159	ng		100
77) Benzidine	12.769	184	385286	58.643	ng		99
78) Pyrene	12.875	202	1728090	53.702	ng		99
80) Butylbenzylphthalate	13.492	149	493025	52.156	ng		100
81) Benzo(a)anthracene	14.063	228	1224138	52.285	ng		99
82) 3,3'-Dichlorobenzidine	14.022	252	295953	54.357	ng		99
83) Chrysene	14.098	228	1119046	51.342	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	631350	51.305	ng		99
85) Di-n-octyl phthalate	14.669	149	1122100	50.417	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1407239	57.351	ng		100
88) Benzo(b)fluoranthene	15.121	252	1113446	52.119	ng		99
89) Benzo(k)fluoranthene	15.157	252	1033813	52.880	ng		100
90) Benzo(a)pyrene	15.504	252	1043008	54.482	ng		99
91) Dibenzo(a,h)anthracene	17.098	278	1153556	56.905	ng		99
92) Benzo(g,h,i)perylene	17.533	276	1141826	56.752	ng		99

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

ICAL Form

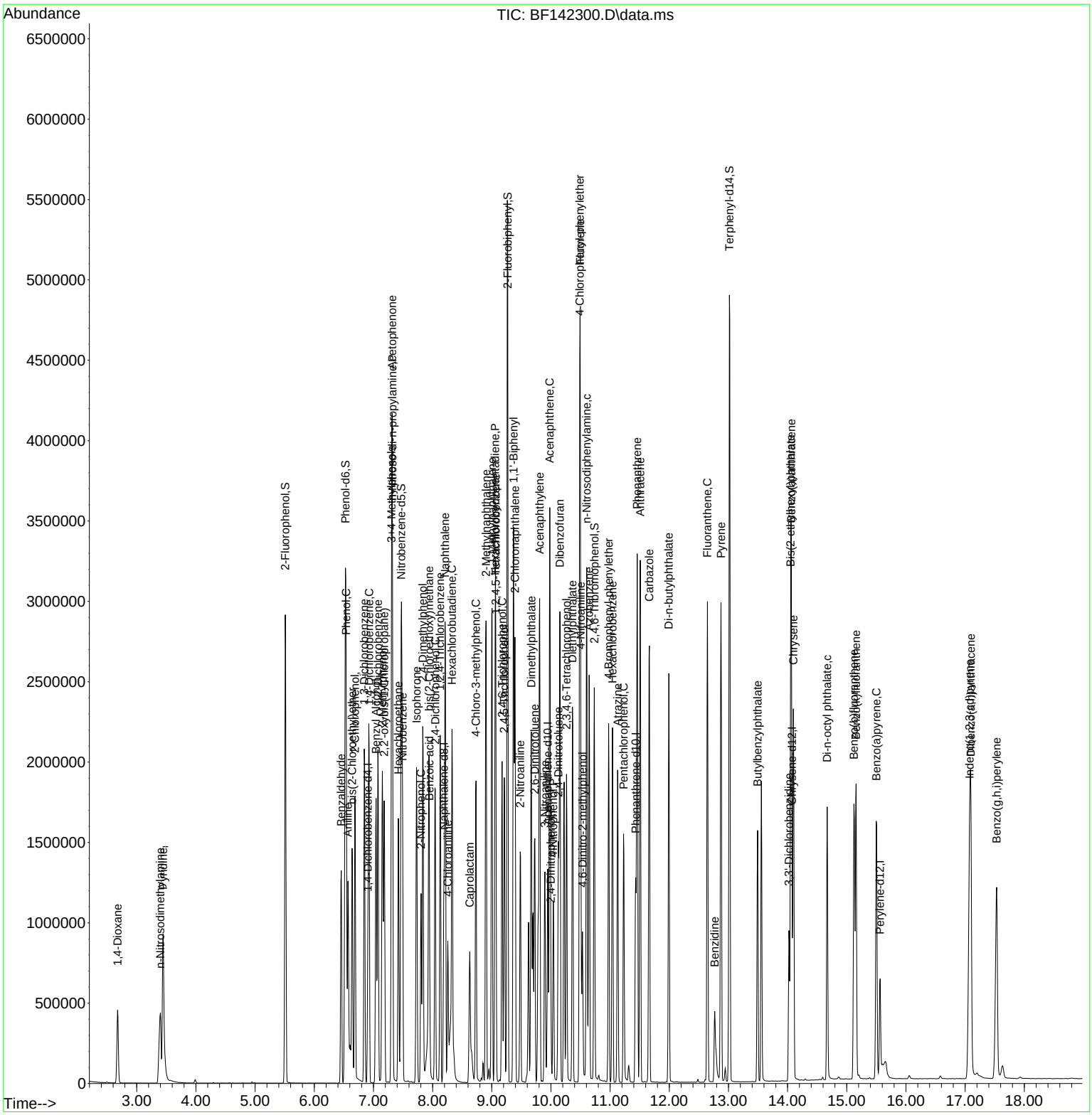
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Data File : BF142300.D
Acq On : 05 May 2025 16:18
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

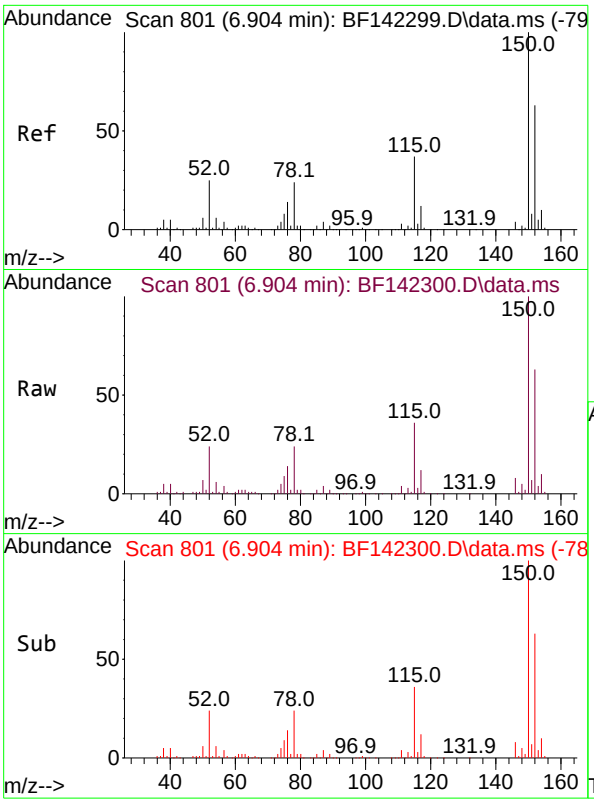
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

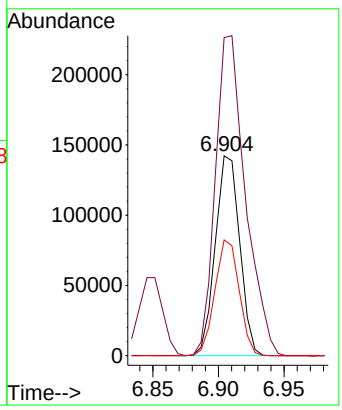




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:152 Resp: 18414

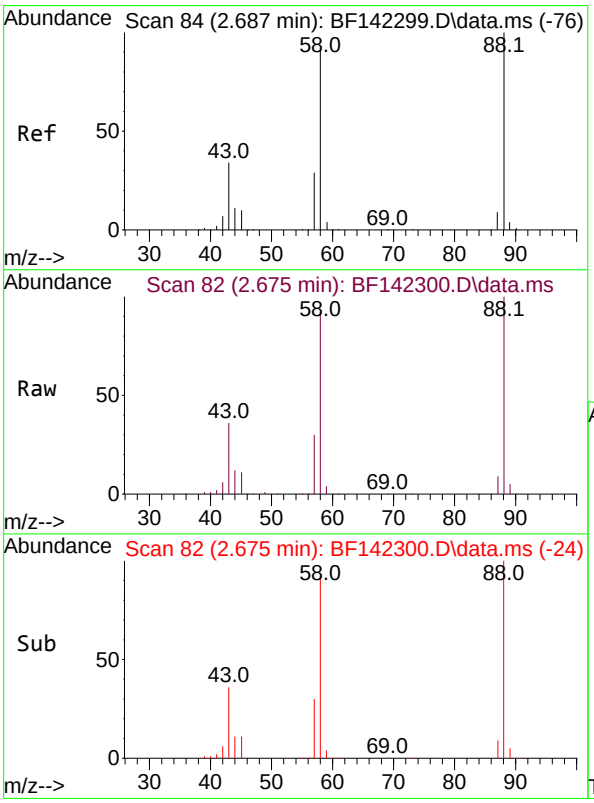
Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.6	190.0
115	57.9	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

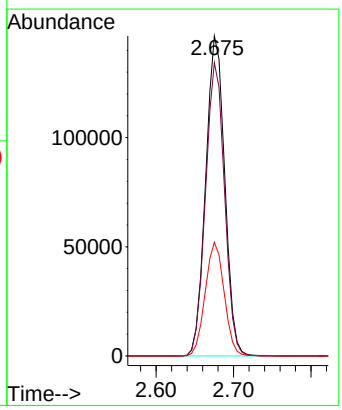
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

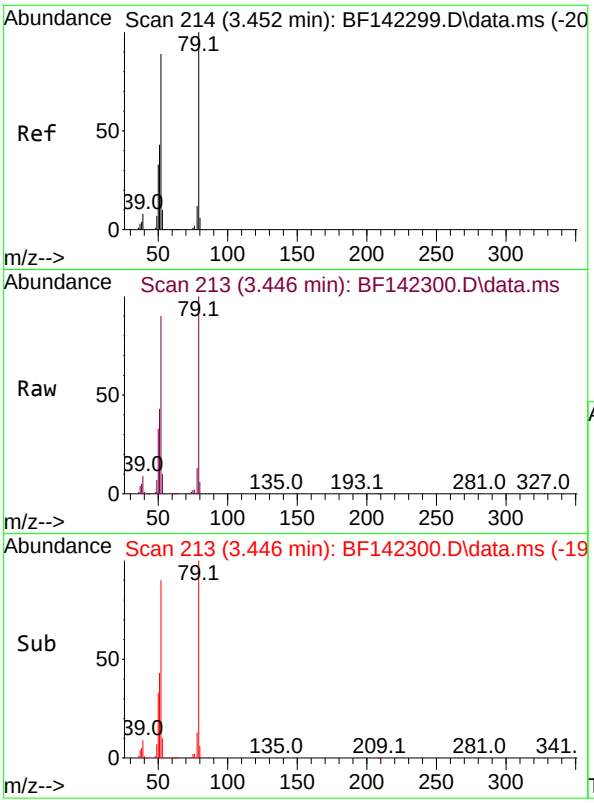


#2
1,4-Dioxane
Concen: 51.492 ng
RT: 2.675 min Scan# 82
Delta R.T. -0.012 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 88 Resp: 250125

Ion	Ratio	Lower	Upper
88	100		
58	91.4	73.0	109.4
43	35.4	27.8	41.6

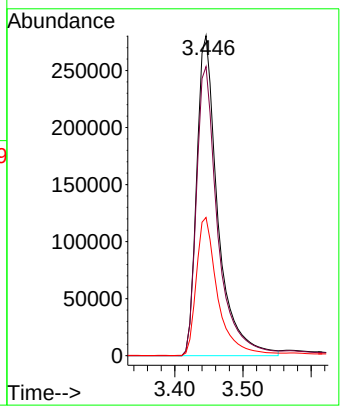




#3
Pyridine
Concen: 52.856 ng
RT: 3.446 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 79 Resp: 60372

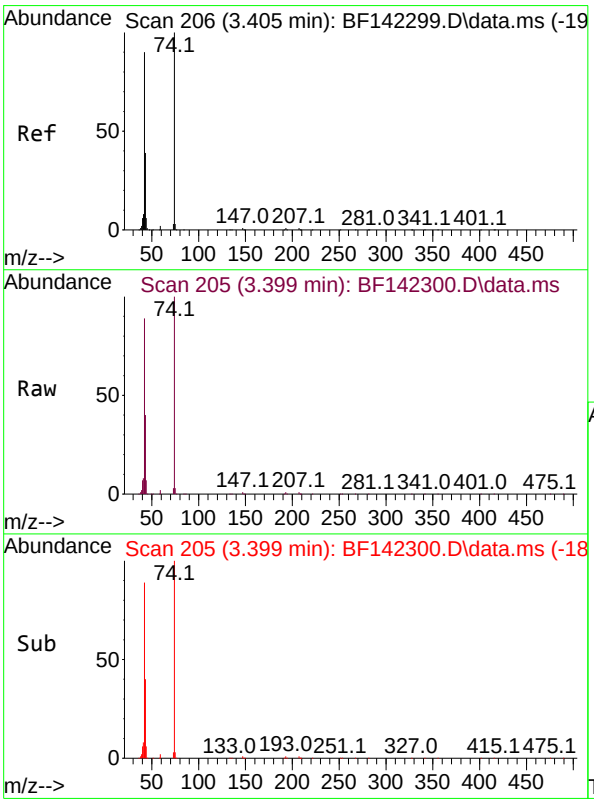
Ion	Ratio	Lower	Upper
79	100		
52	90.4	71.0	106.4
51	43.2	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

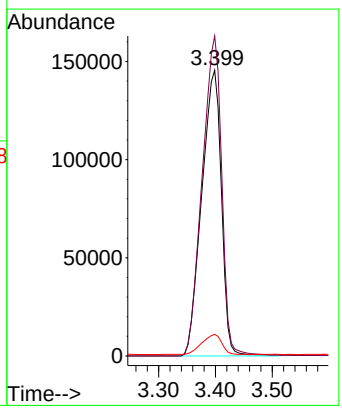
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

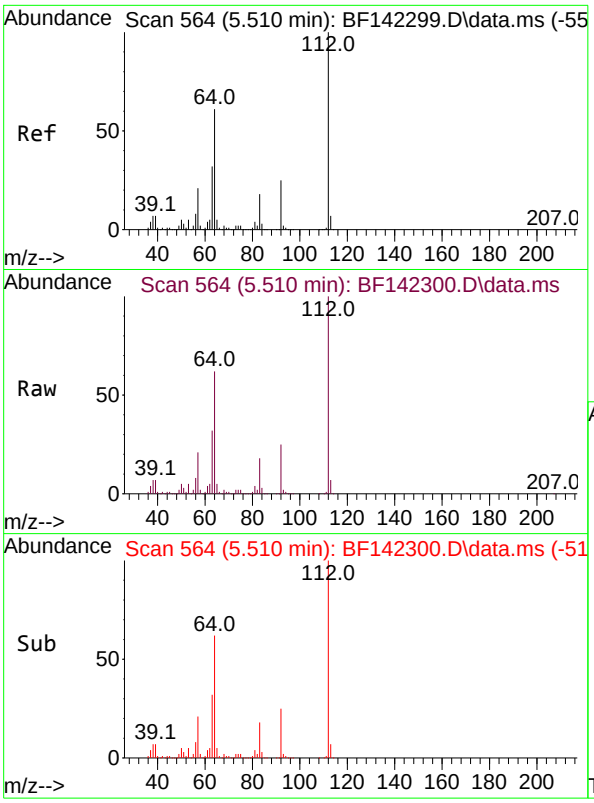


#4
n-Nitrosodimethylamine
Concen: 52.710 ng
RT: 3.399 min Scan# 205
Delta R.T. -0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 42 Resp: 349382

Ion	Ratio	Lower	Upper
42	100		
74	112.0	88.5	132.7
44	7.5	5.8	8.8

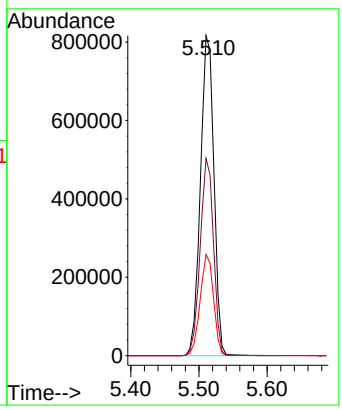




#5
2-Fluorophenol
Concen: 104.504 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:112 Resp: 112727

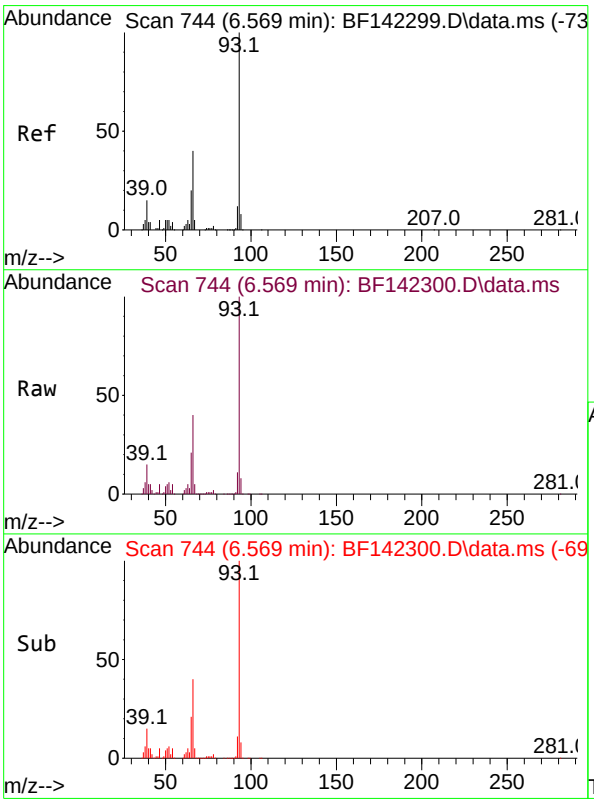
Ion	Ratio	Lower	Upper
112	100		
64	61.6	48.9	73.3
63	31.6	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

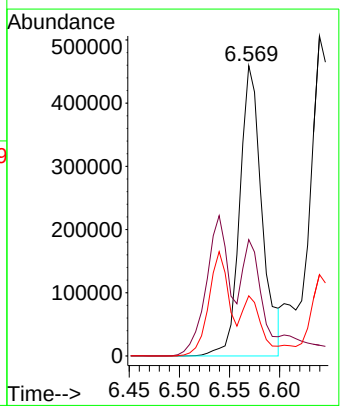
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

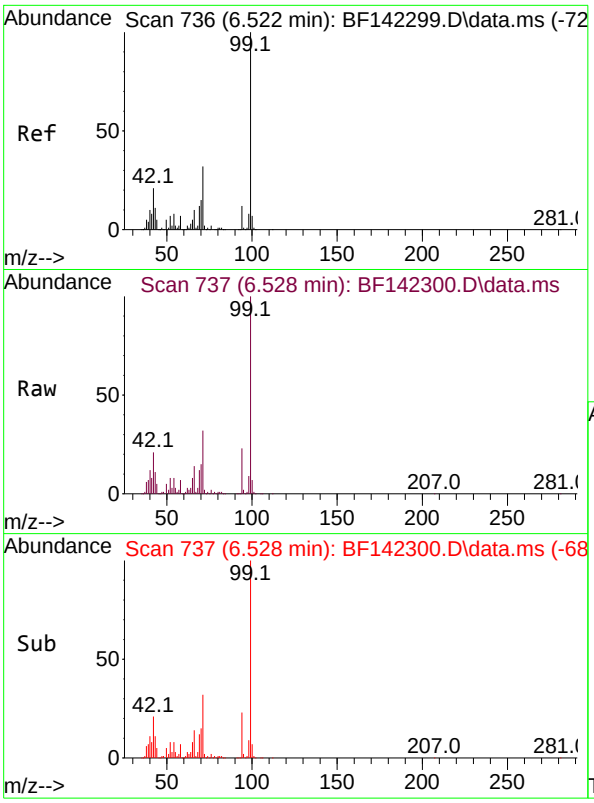


#6
Aniline
Concen: 54.590 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 93 Resp: 710390

Ion	Ratio	Lower	Upper
93	100		
66	40.1	32.2	48.4
65	20.7	16.3	24.5

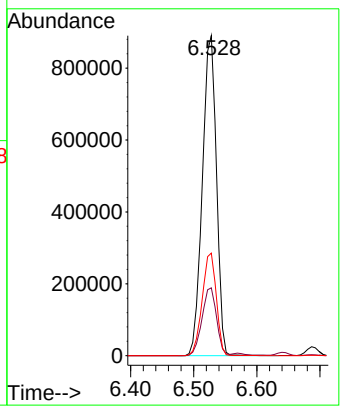




#7
Phenol-d6
Concen: 104.071 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 99 Resp: 138072

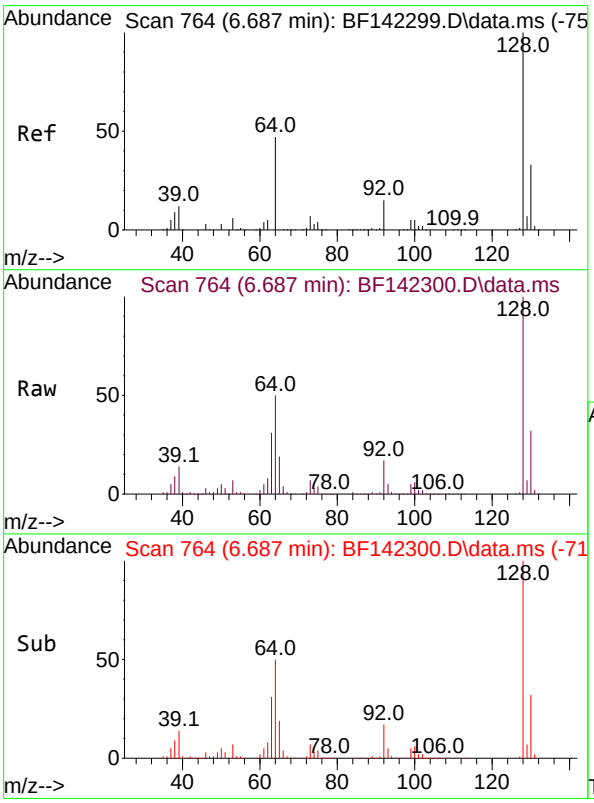
Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.4
71	32.1	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

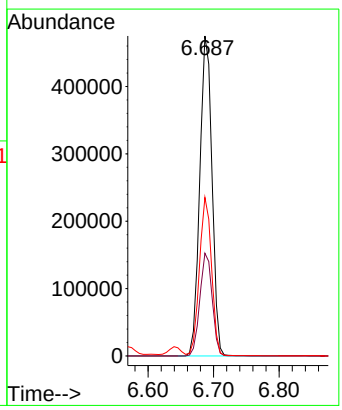
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

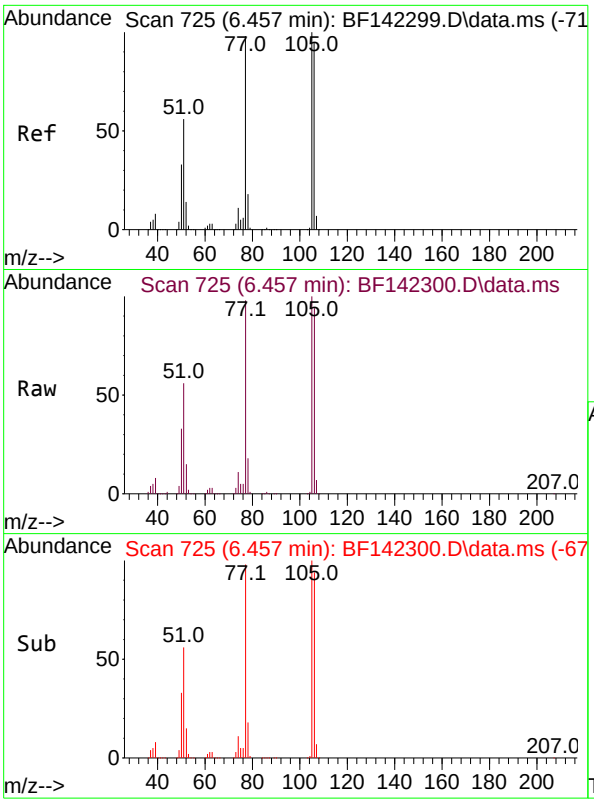


#8
2-Chlorophenol
Concen: 53.769 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:128 Resp: 619795

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.7	52.7
64	49.6	29.2	69.2

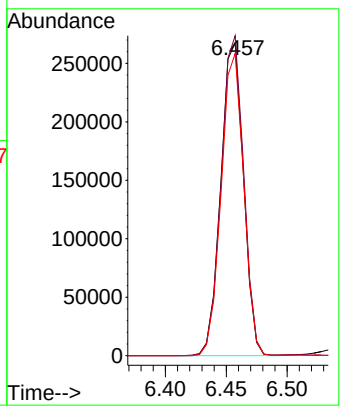




#9
Benzaldehyde
Concen: 44.591 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 77 Resp: 34624

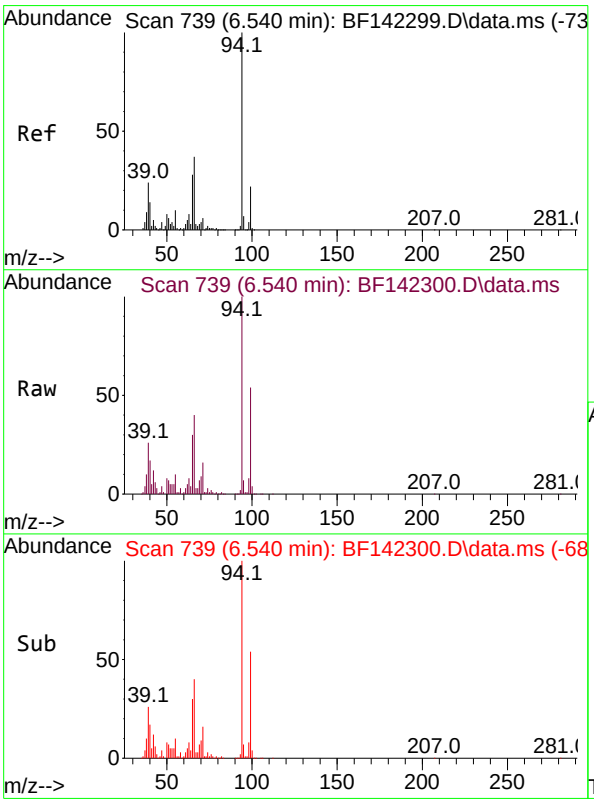
Ion	Ratio	Lower	Upper
77	100		
105	102.3	82.0	122.0
106	96.6	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

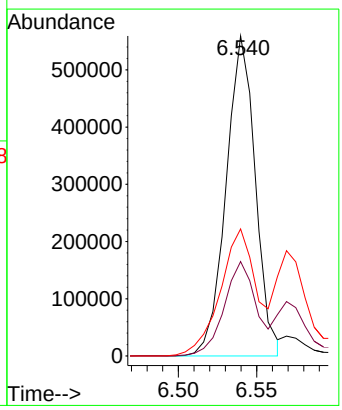
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

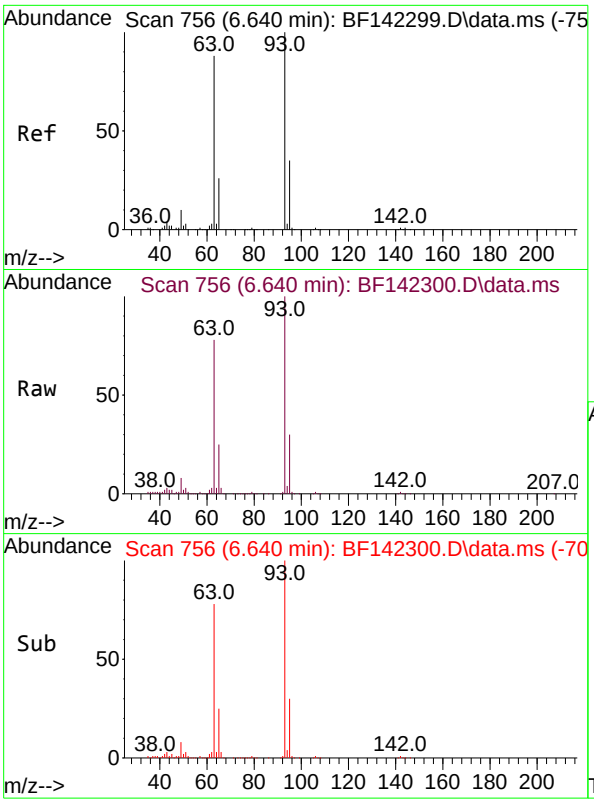


#10
Phenol
Concen: 51.714 ng m
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 94 Resp: 727274

Ion	Ratio	Lower	Upper
94	100		
65	29.5	8.5	48.5
66	39.7	17.3	57.3

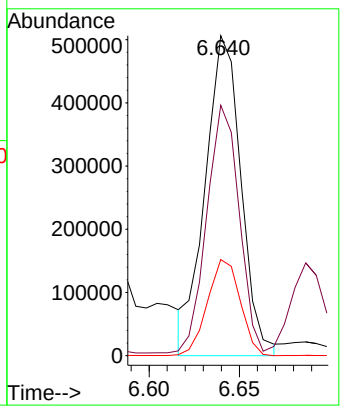




#11
bis(2-Chloroethyl)ether
Concen: 50.339 ng m
RT: 6.640 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 93 Resp: 69811

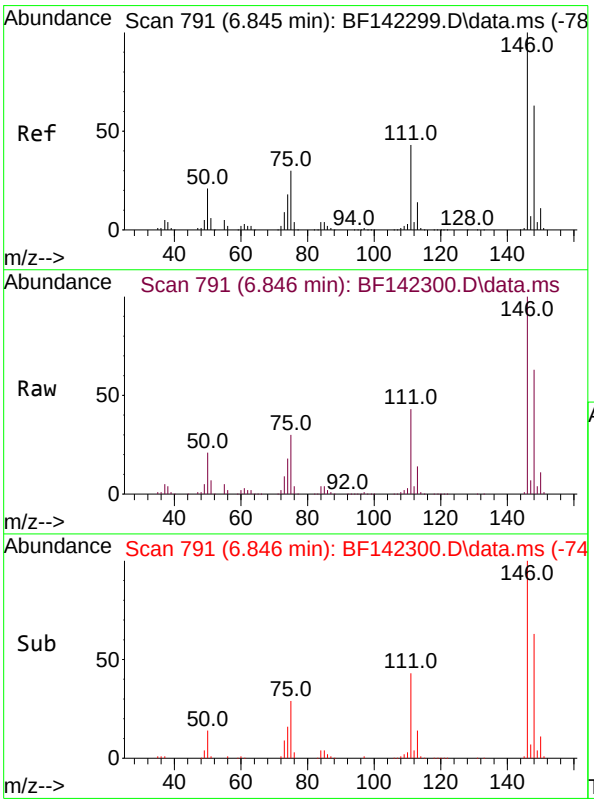
Ion	Ratio	Lower	Upper
93	100		
63	78.3	58.4	98.4
95	30.1	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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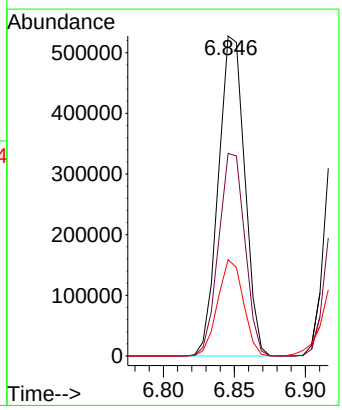
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

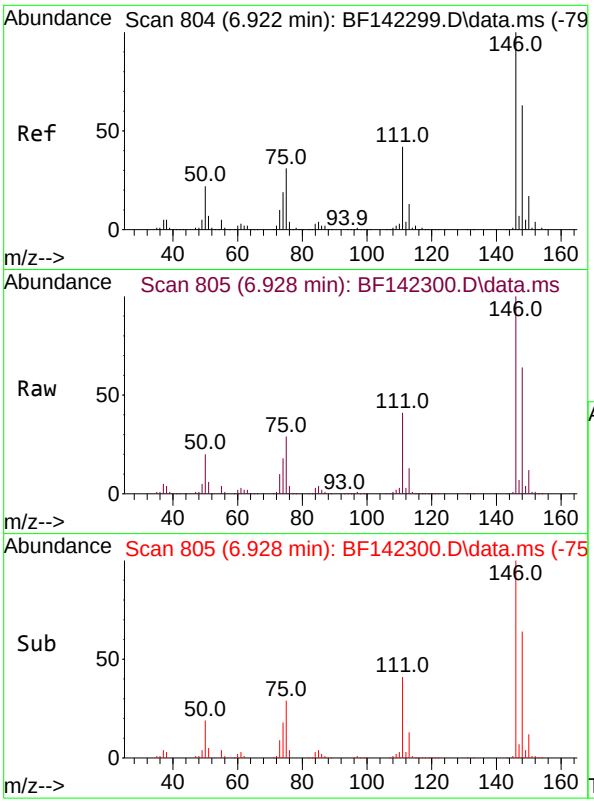


#12
1,3-Dichlorobenzene
Concen: 51.563 ng
RT: 6.846 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:146 Resp: 679991

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
75	30.1	24.2	36.4

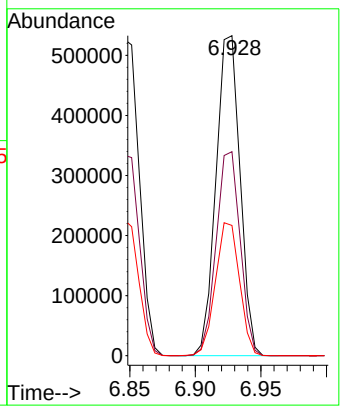




#13
1,4-Dichlorobenzene
Concen: 51.307 ng
RT: 6.928 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:146 Resp: 67935

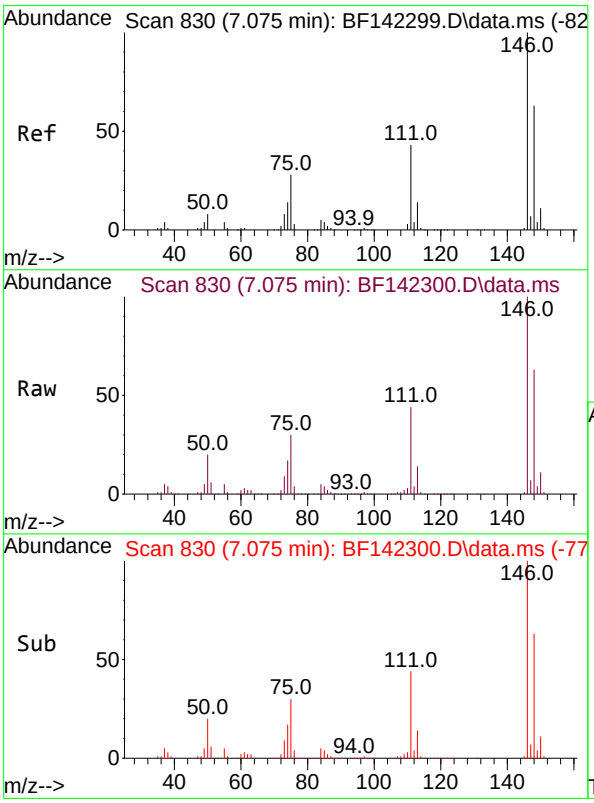
Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
111	40.7	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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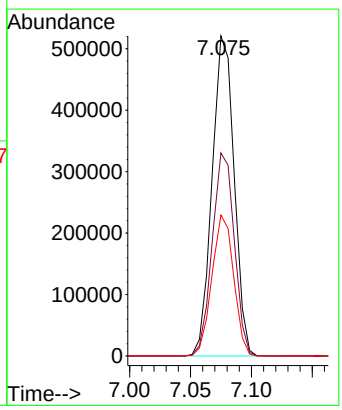
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

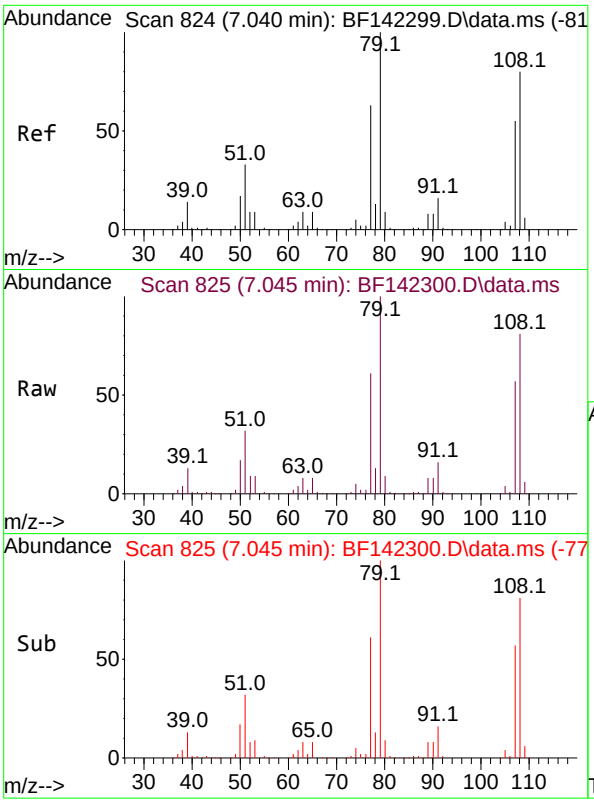


#14
1,2-Dichlorobenzene
Concen: 51.578 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:146 Resp: 655534

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	44.1	34.5	51.7





#15
Benzyl Alcohol
Concen: 55.210 ng
RT: 7.045 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

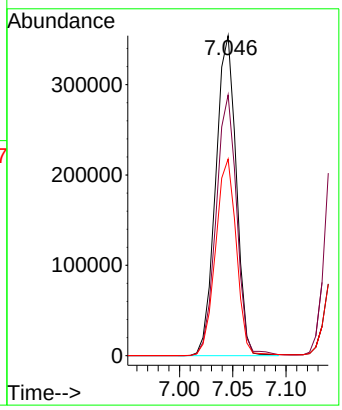
Tgt Ion: 79 Resp: 47430

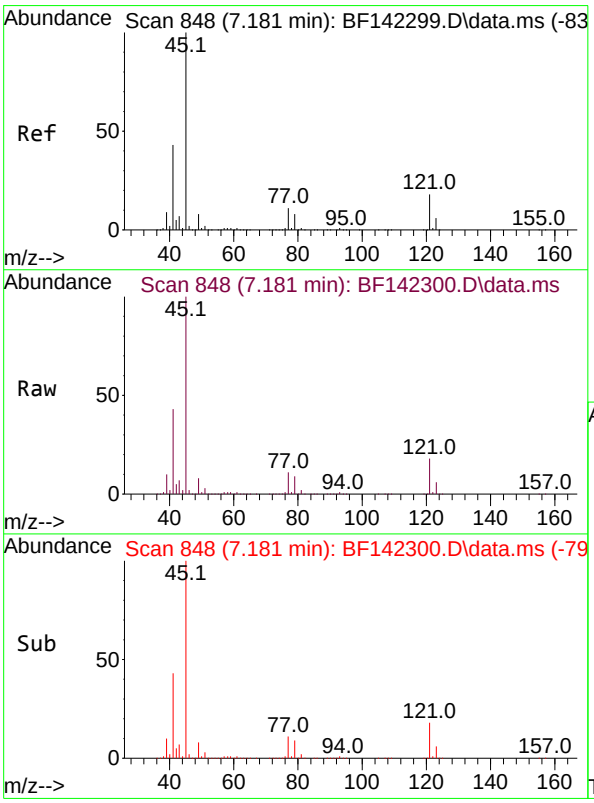
Ion	Ratio	Lower	Upper
79	100		
108	81.5	63.9	95.9
77	61.4	50.7	76.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

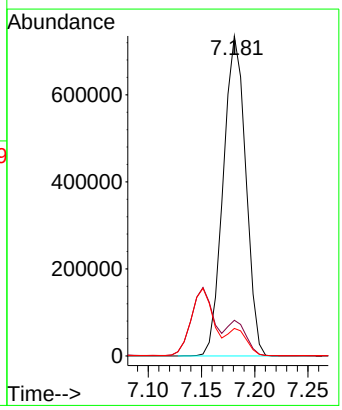


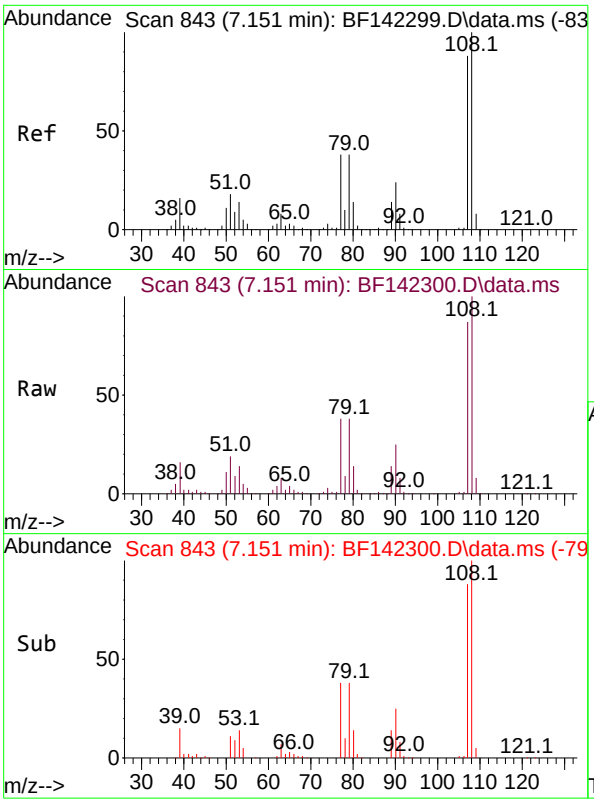


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.026 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 45 Resp: 1077461

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.6	0.0	28.5

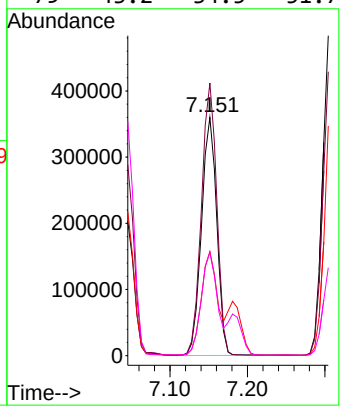




#17
2-Methylphenol
Concen: 52.792 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:107 Resp: 49267

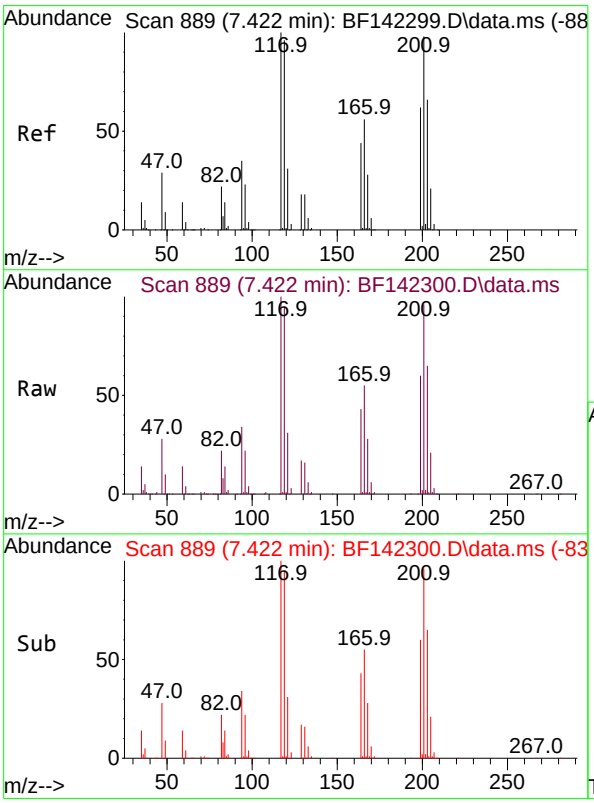
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.1	136.7
77	43.7	34.7	52.1
79	43.2	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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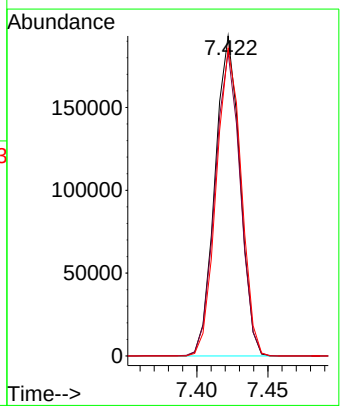
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

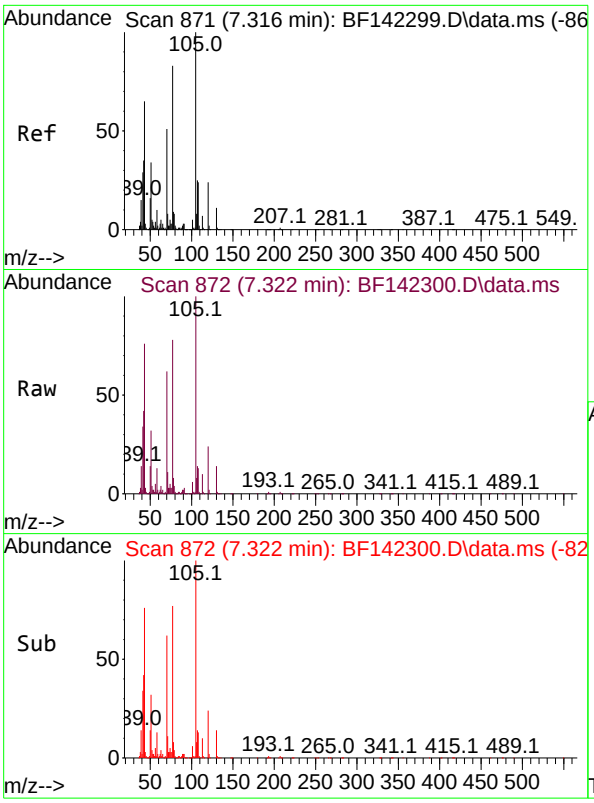


#18
Hexachloroethane
Concen: 53.439 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:117 Resp: 235428

Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.9	115.3
201	96.2	78.0	117.0

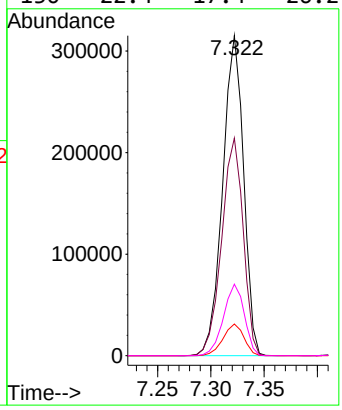




#19
n-Nitroso-di-n-propylamine
Concen: 52.324 ng
RT: 7.322 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 70 Resp: 42940

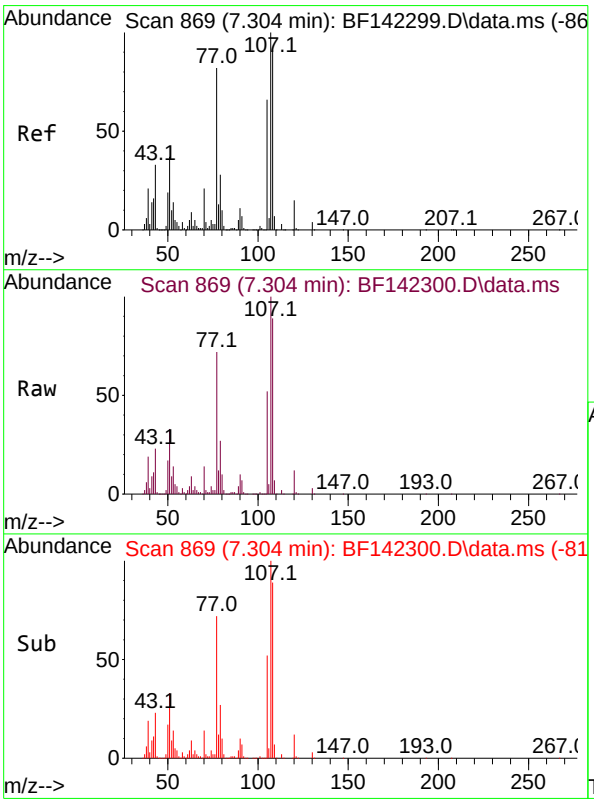
Ion	Ratio	Lower	Upper
70	100		
42	68.0	54.8	82.2
101	9.9	7.7	11.5
130	22.4	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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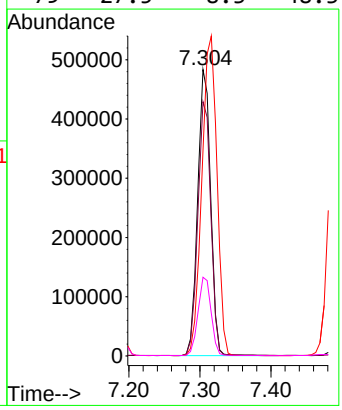
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

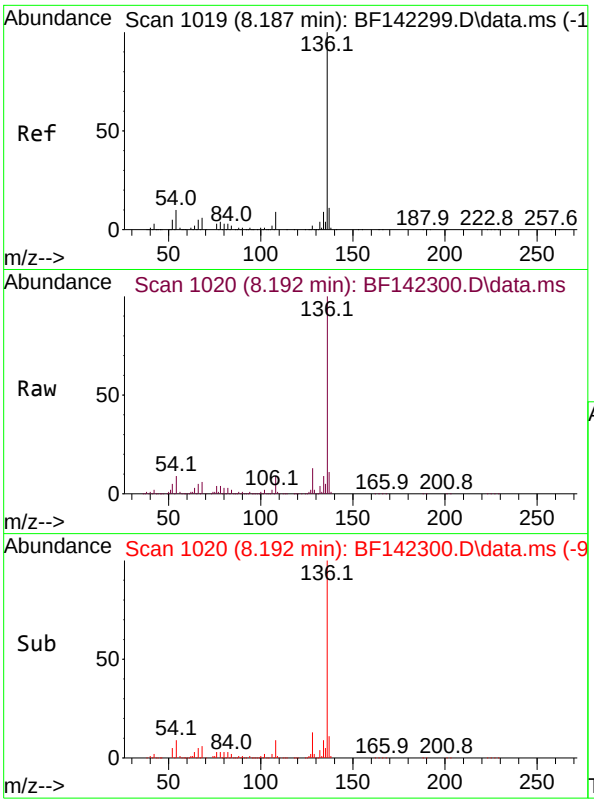


#20
3+4-Methylphenols
Concen: 52.680 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:107 Resp: 613574

Ion	Ratio	Lower	Upper
107	100		
108	88.7	71.5	111.5
77	71.8	61.6	101.6
79	27.5	8.3	48.3

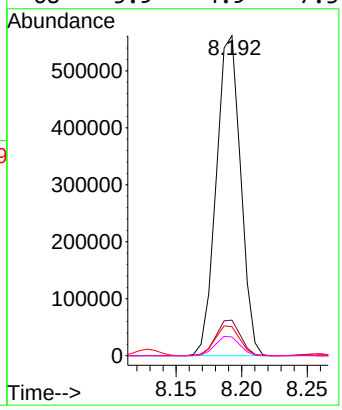




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:136 Resp: 72543

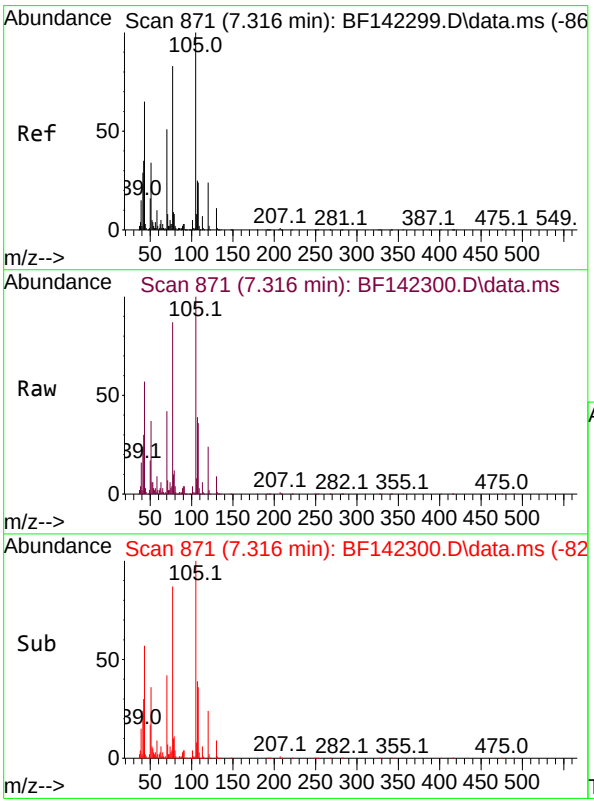
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.1	7.7	11.5
68	5.9	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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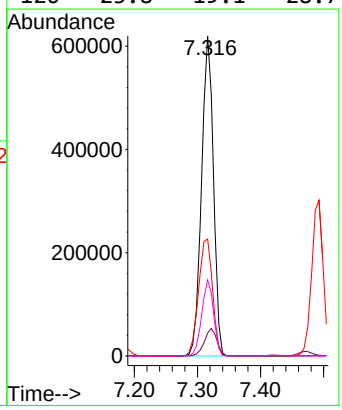
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

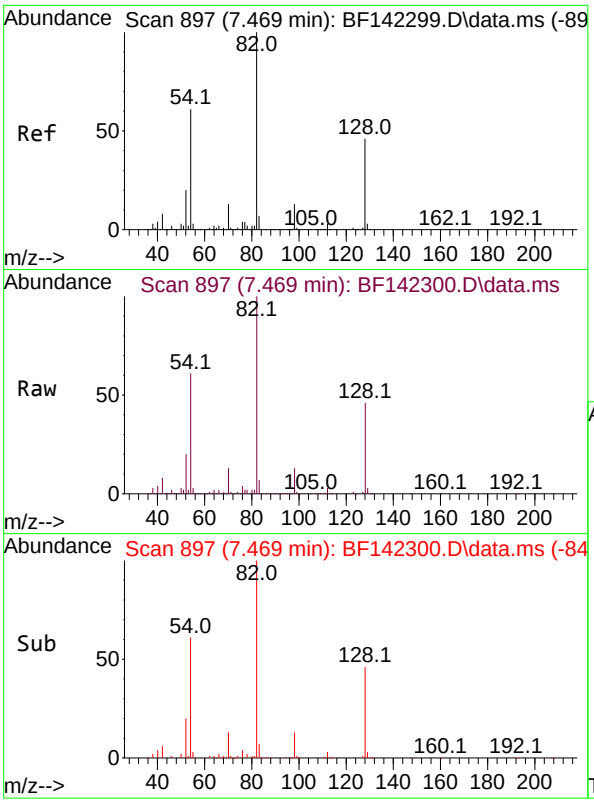


#22
Acetophenone
Concen: 50.190 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:105 Resp: 809554

Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.7	10.1
51	36.5	27.6	41.4
120	23.8	19.1	28.7





#23
Nitrobenzene-d5
Concen: 109.825 ng
RT: 7.469 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

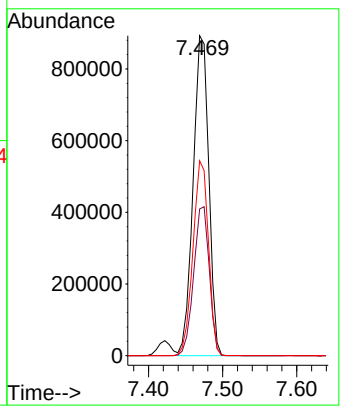
Tgt Ion: 82 Resp: 130635

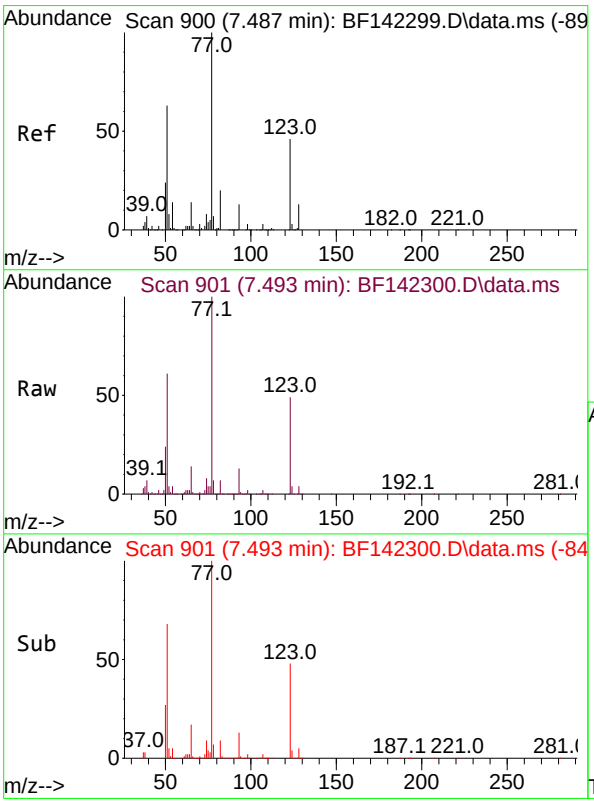
Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.0	55.6
54	60.9	48.6	73.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

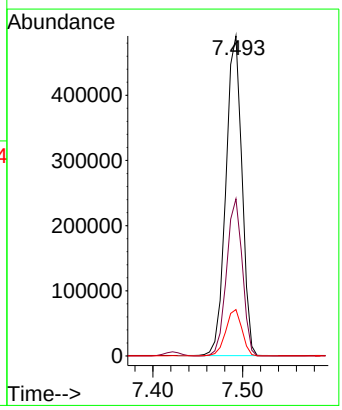


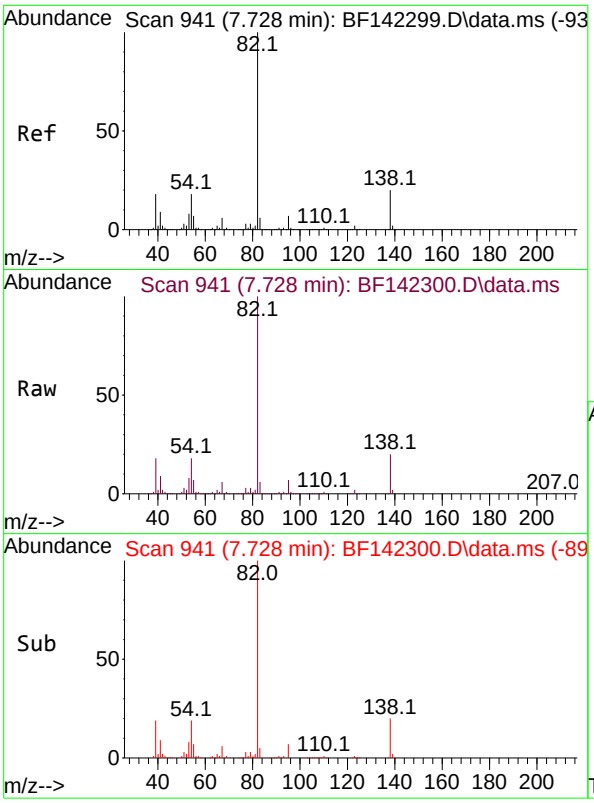


#24
Nitrobenzene
Concen: 54.450 ng
RT: 7.493 min Scan# 901
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 77 Resp: 610521

Ion	Ratio	Lower	Upper
77	100		
123	49.1	37.8	56.8
65	14.5	11.4	17.0





#25
Isophorone
Concen: 52.193 ng
RT: 7.728 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

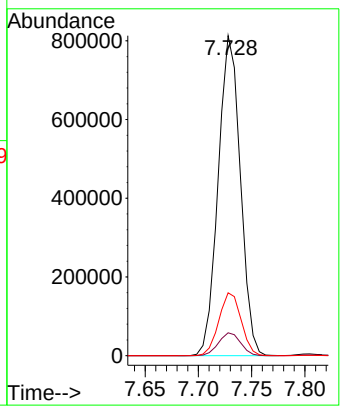
Tgt Ion: 82 Resp: 117563

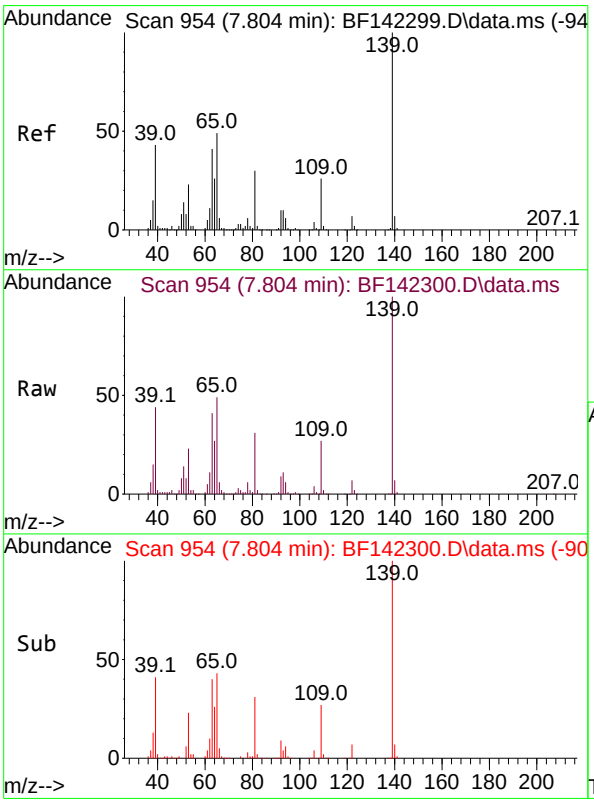
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	19.7	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

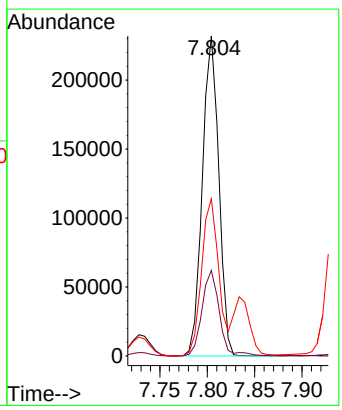


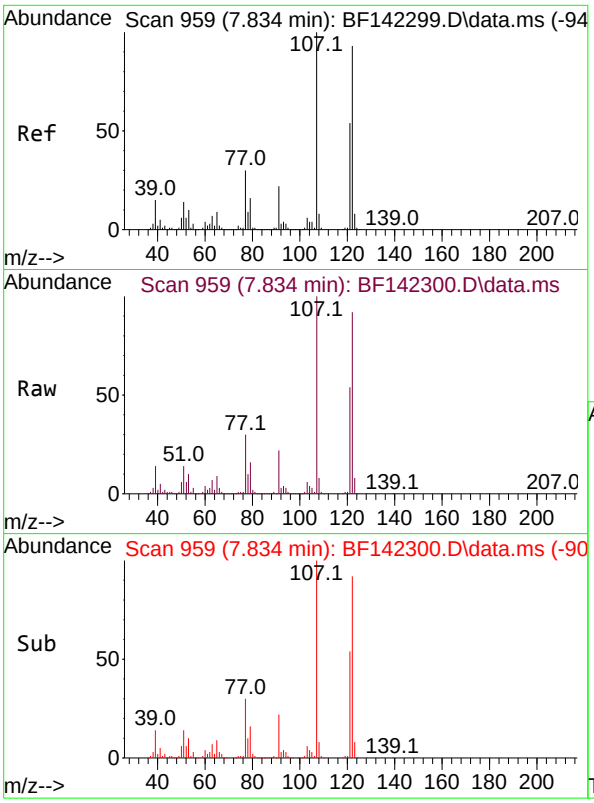


#26
2-Nitrophenol
Concen: 51.463 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:139 Resp: 279873

Ion	Ratio	Lower	Upper
139	100		
109	26.7	20.8	31.2
65	49.1	38.9	58.3

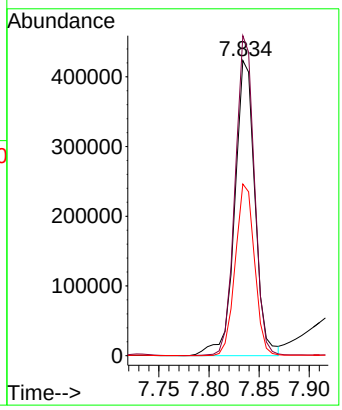




#27
2,4-Dimethylphenol
Concen: 52.647 ng
RT: 7.834 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:122 Resp: 59621

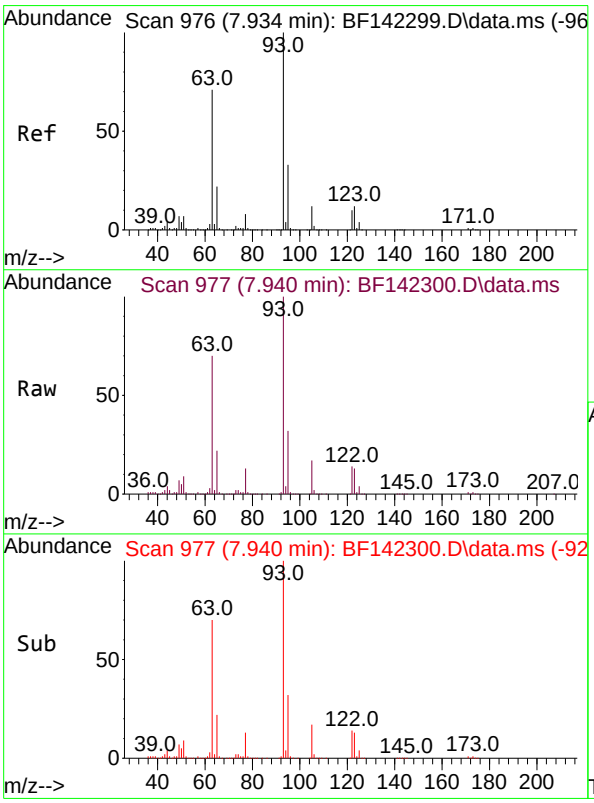
Ion	Ratio	Lower	Upper
122	100		
107	108.4	86.0	129.0
121	58.2	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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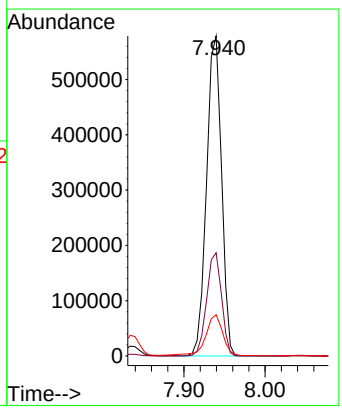
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

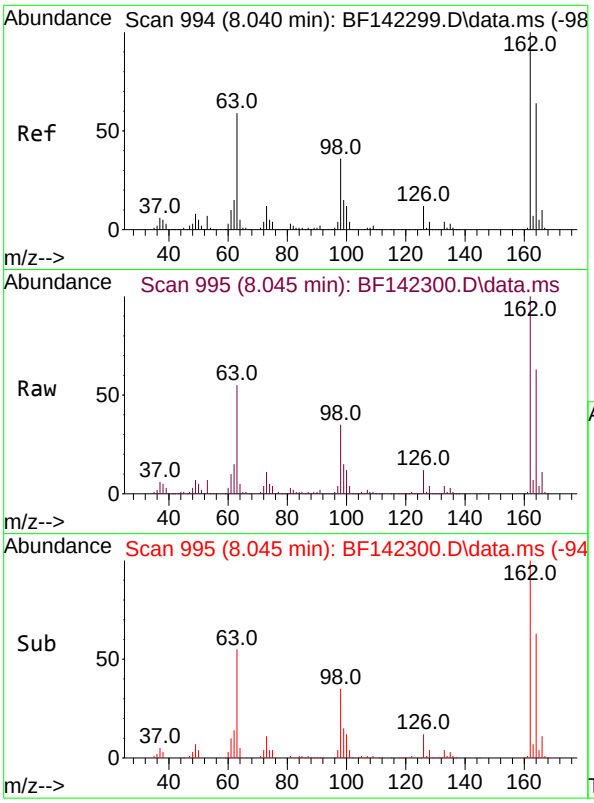


#28
bis(2-Chloroethoxy)methane
Concen: 51.070 ng
RT: 7.940 min Scan# 977
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 93 Resp: 739692

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.1	39.1
123	12.9	10.2	15.4

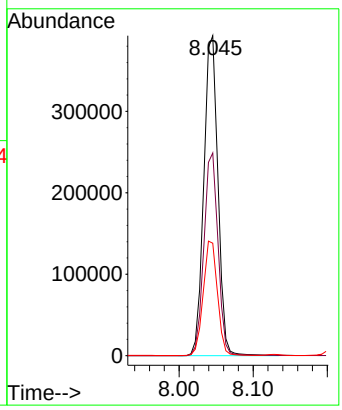




#29
2,4-Dichlorophenol
Concen: 54.183 ng
RT: 8.045 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:162 Resp: 52167

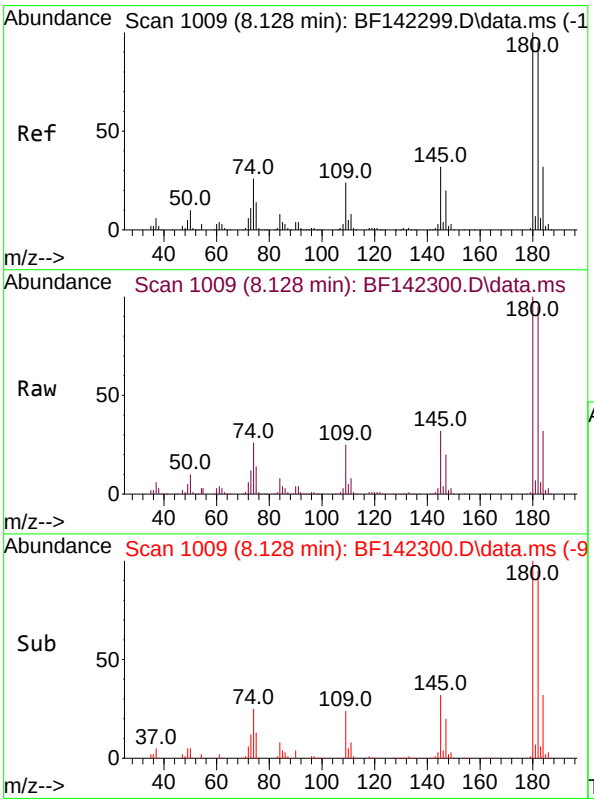
Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.6	83.6
98	35.1	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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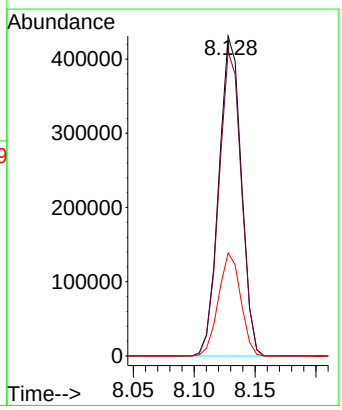
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

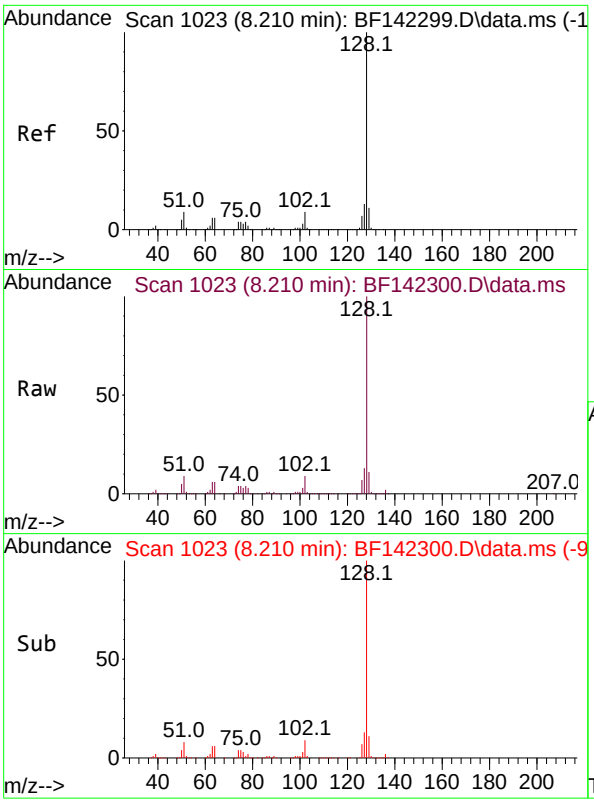


#30
1,2,4-Trichlorobenzene
Concen: 50.849 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:180 Resp: 550979

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.4
145	32.2	25.8	38.6

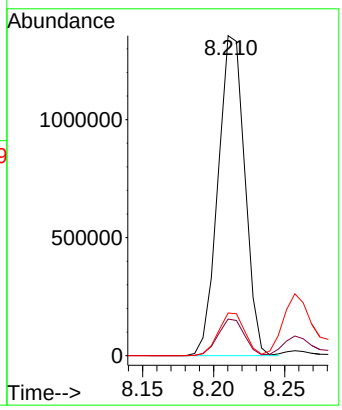




#31
Naphthalene
Concen: 50.454 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:128 Resp: 177388

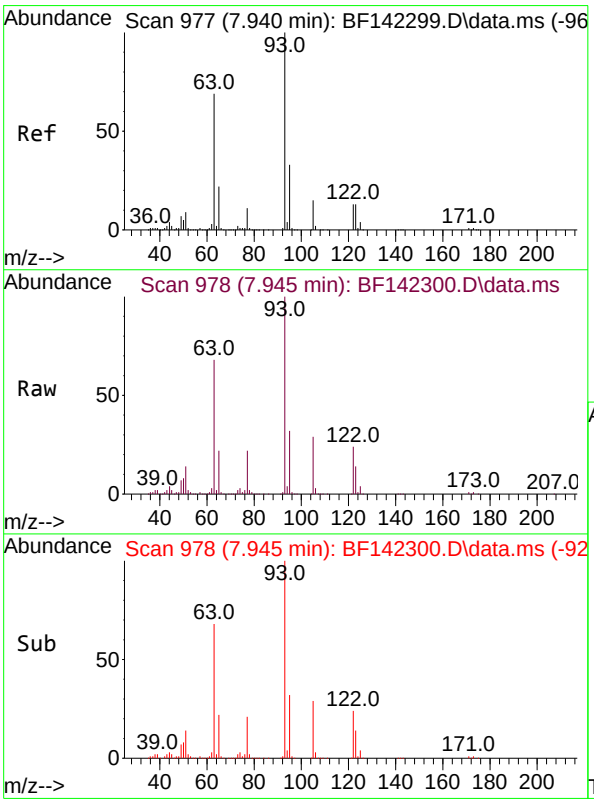
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.3	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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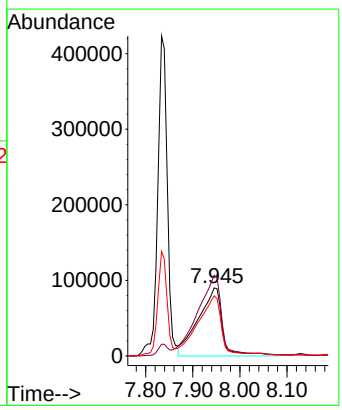
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

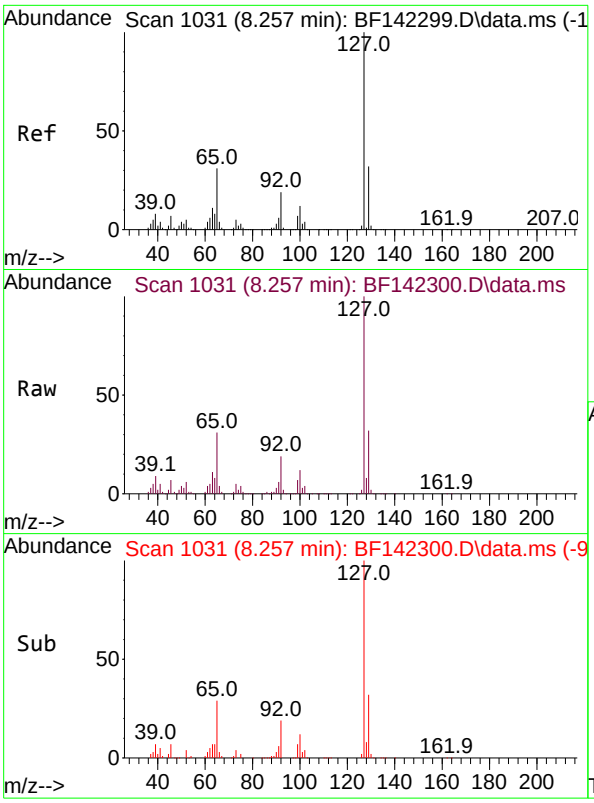


#32
Benzoic acid
Concen: 51.963 ng m
RT: 7.945 min Scan# 978
Delta R.T. 0.005 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:122 Resp: 322603

Ion	Ratio	Lower	Upper
122	100		
105	118.6	97.9	137.9
77	88.5	67.7	107.7

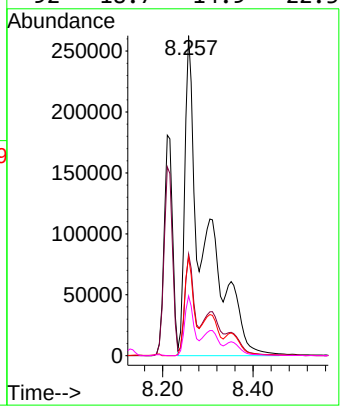




#33
4-Chloroaniline
Concen: 55.118 ng m
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:127 Resp: 78932

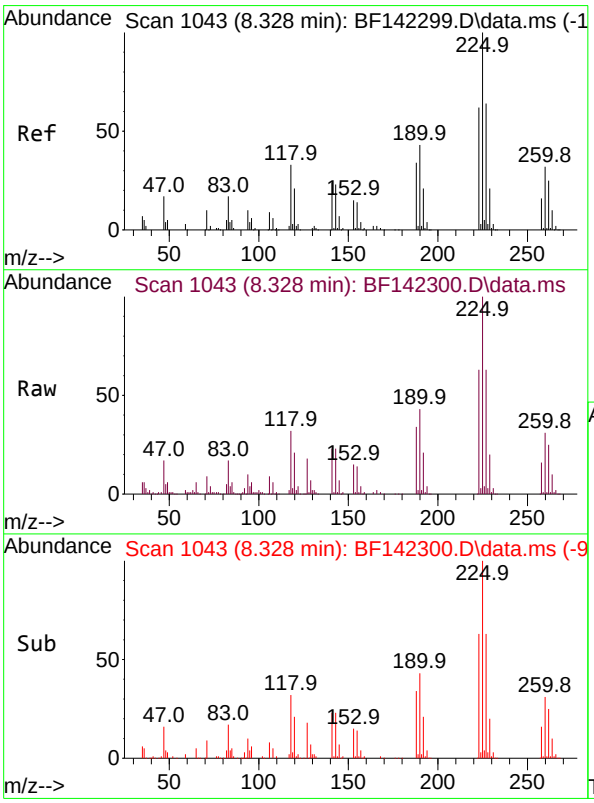
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	30.9	24.9	37.3
92	18.7	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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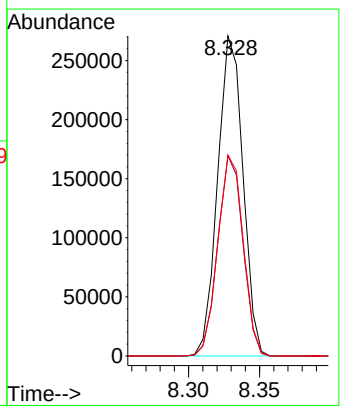
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

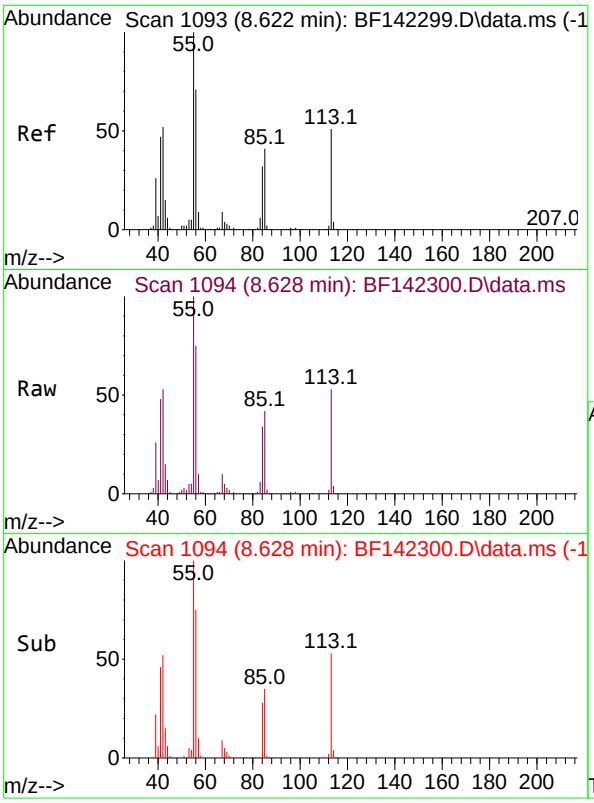


#34
Hexachlorobutadiene
Concen: 52.244 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:225 Resp: 335206

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	62.8	50.9	76.3





#35
Caprolactam
Concen: 57.291 ng
RT: 8.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

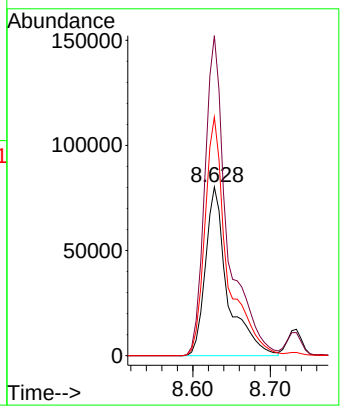
Tgt Ion:113 Resp: 16042

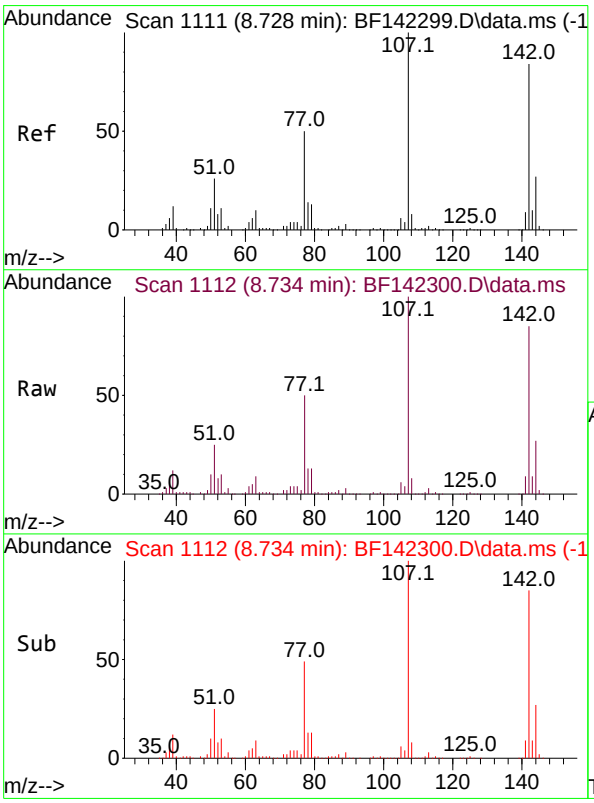
Ion	Ratio	Lower	Upper
113	100		
55	189.7	176.4	216.4
56	141.4	120.3	160.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

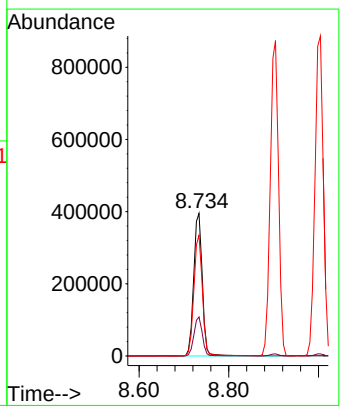


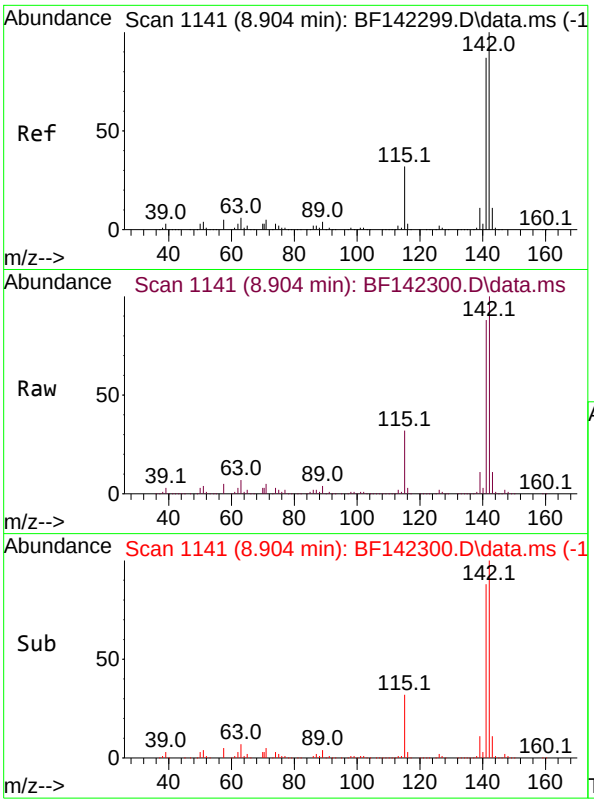


#36
4-Chloro-3-methylphenol
Concen: 52.584 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:107 Resp: 526289

Ion	Ratio	Lower	Upper
107	100		
144	27.4	21.3	31.9
142	84.6	66.9	100.3





#37
2-Methylnaphthalene
Concen: 51.036 ng
RT: 8.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

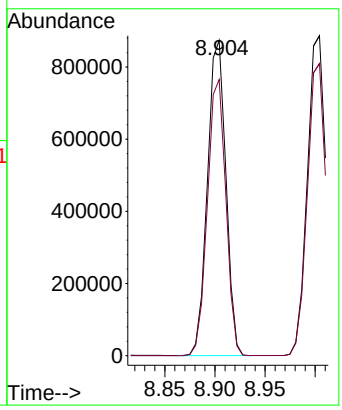
Tgt Ion:142 Resp: 111498

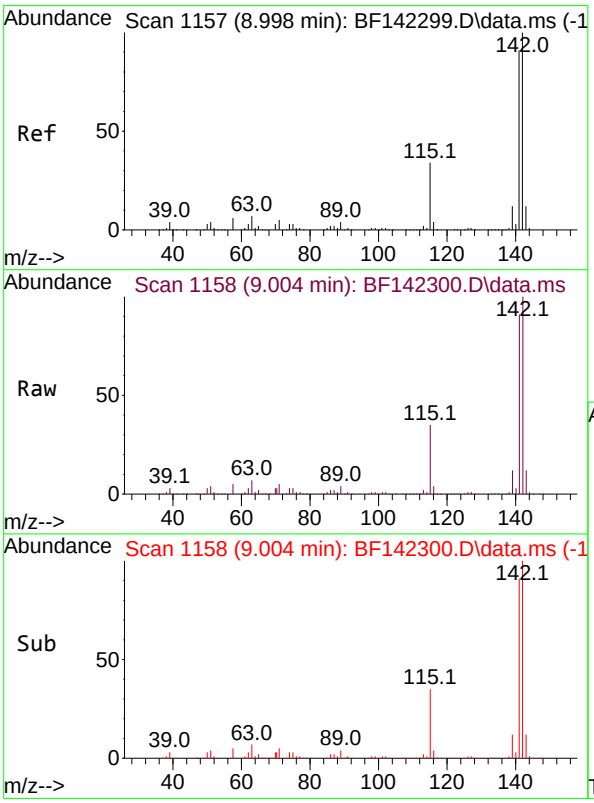
Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.4	104.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Supervised By :Jagrut Upadhyay 05/06/2025

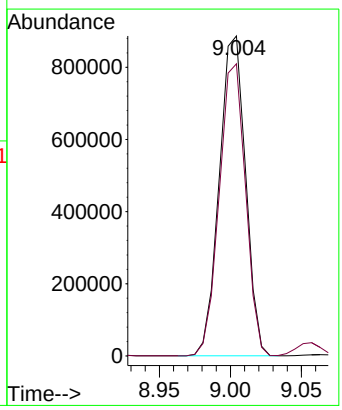


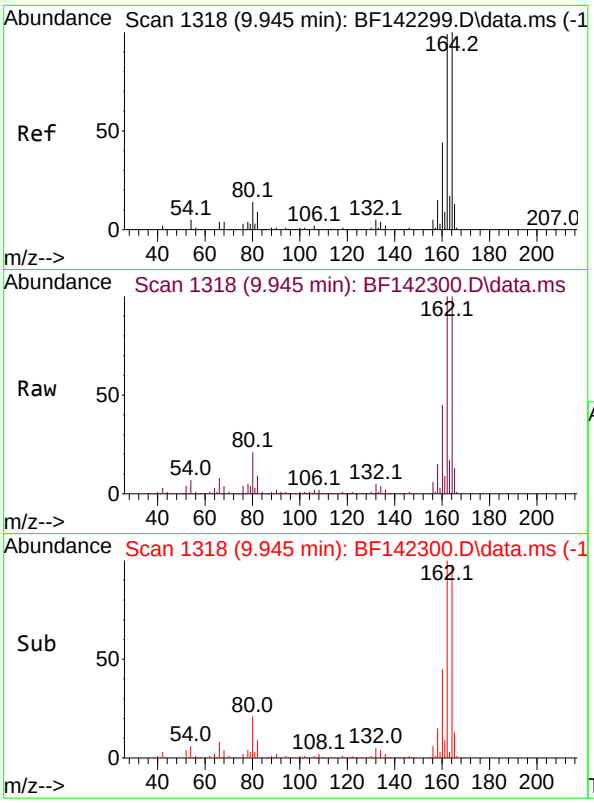


#38
1-Methylnaphthalene
Concen: 50.158 ng
RT: 9.004 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:142 Resp: 1142120

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.5	108.7

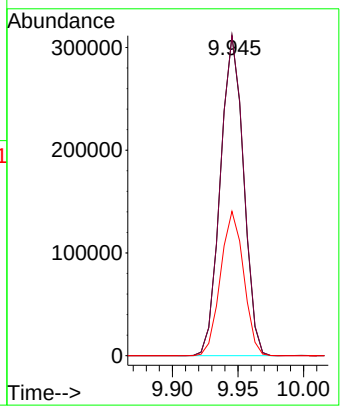




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:164 Resp: 38158

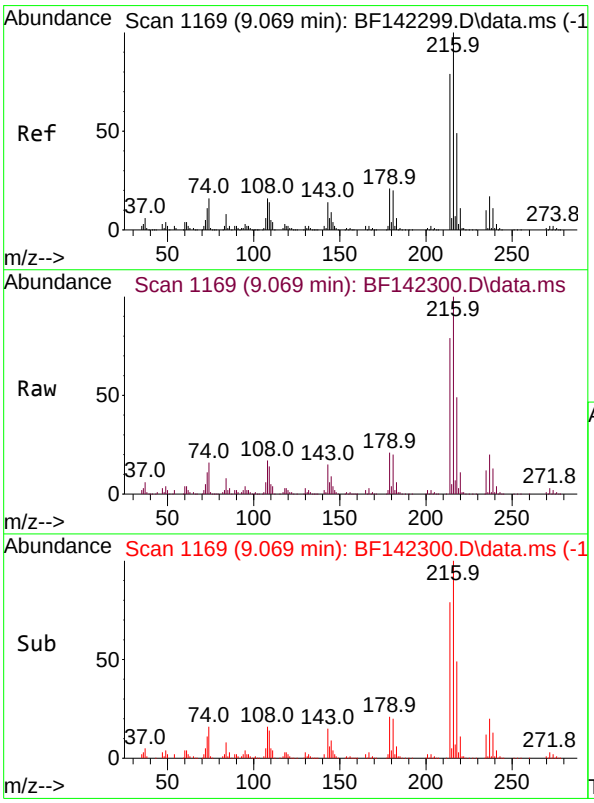
Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.2	118.8
160	45.1	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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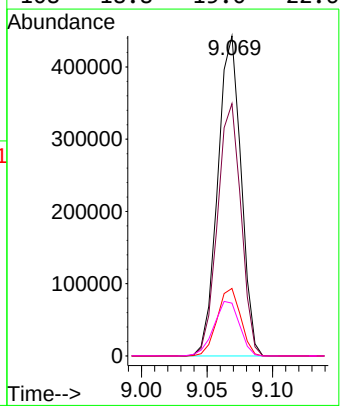
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

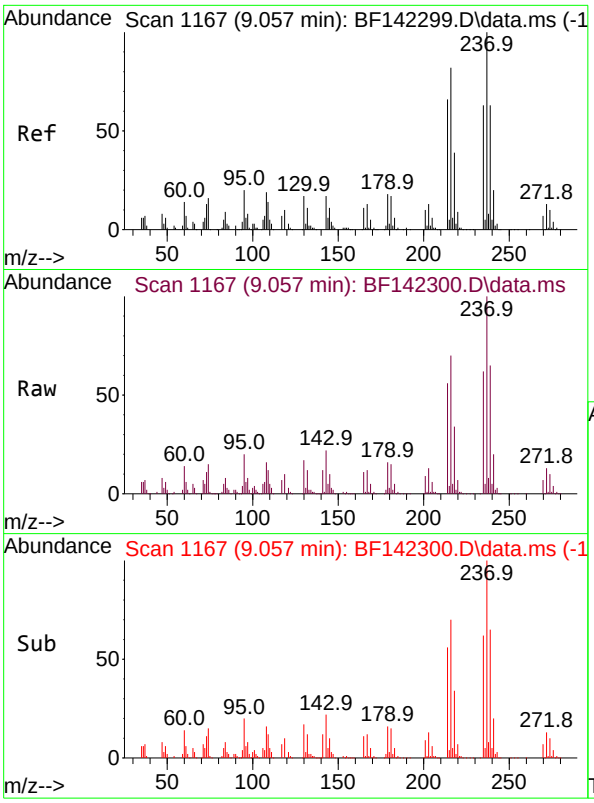


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.375 ng
RT: 9.069 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:216 Resp: 547513

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	21.2	17.0	25.6
108	18.8	15.0	22.6





#41
Hexachlorocyclopentadiene
Concen: 56.140 ng
RT: 9.057 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

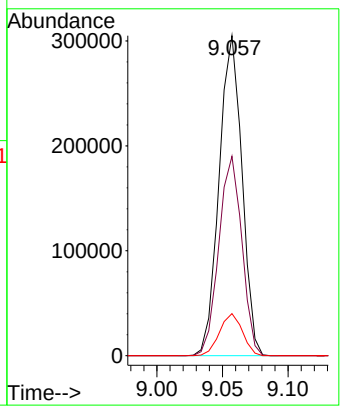
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

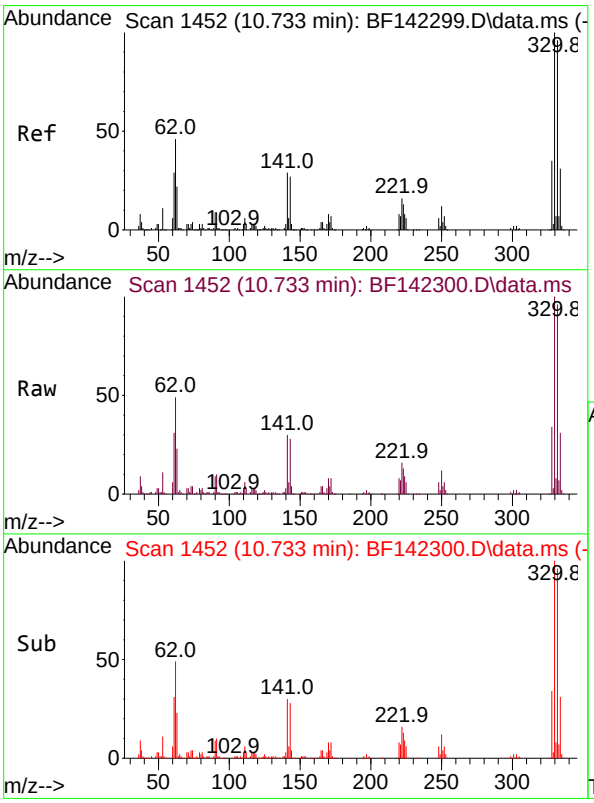
Tgt Ion:237 Resp: 36976

Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.8	82.8
272	13.2	0.0	33.0

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

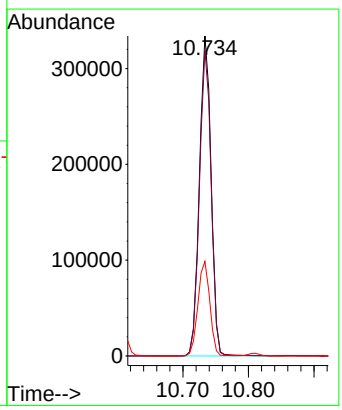


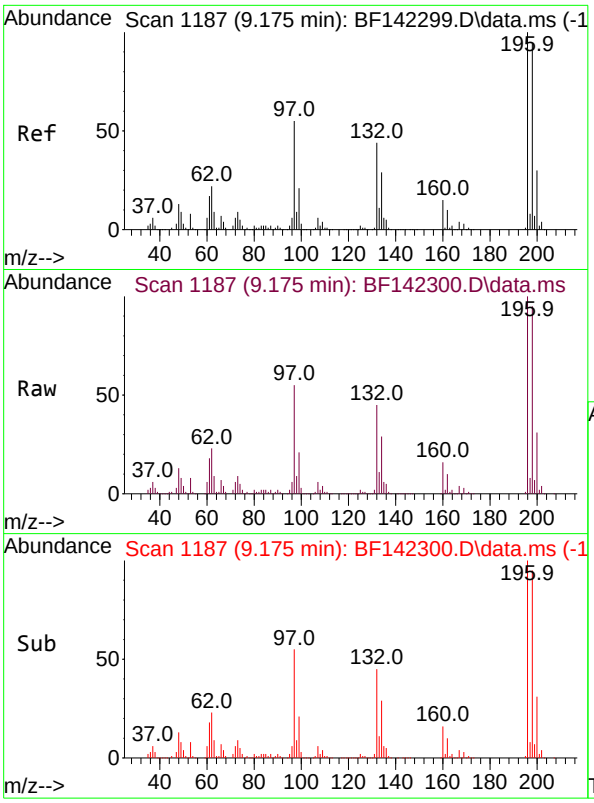


#42
2,4,6-Tribromophenol
Concen: 113.025 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:330 Resp: 416395

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	30.1	24.9	37.3

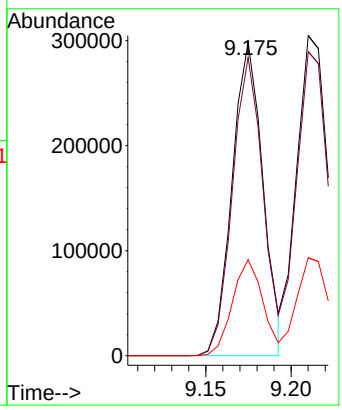




#43
2,4,6-Trichlorophenol
Concen: 55.803 ng
RT: 9.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:196 Resp: 37512

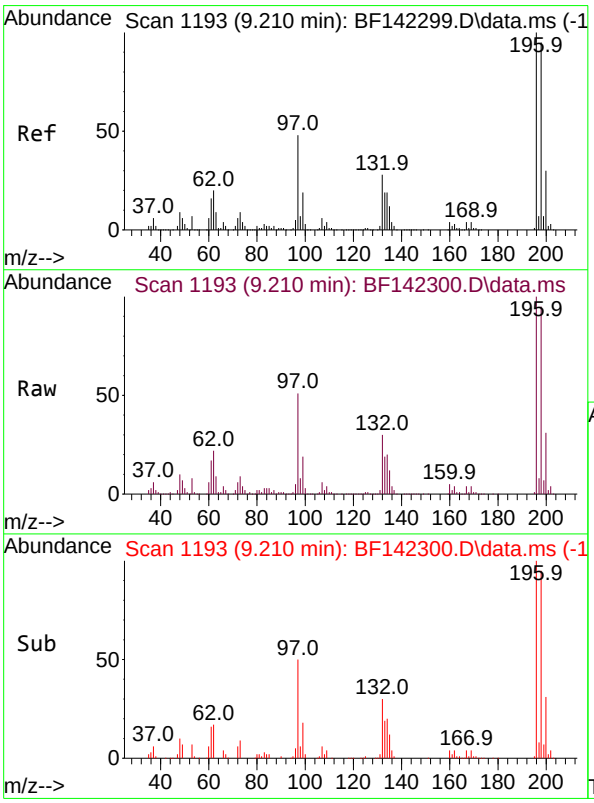
Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.4	113.0
200	30.7	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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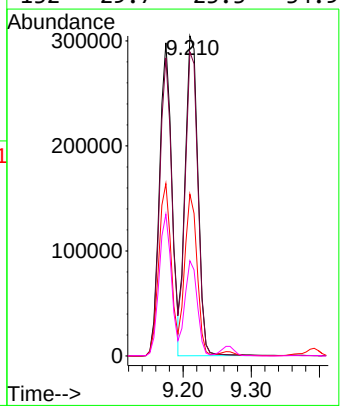
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

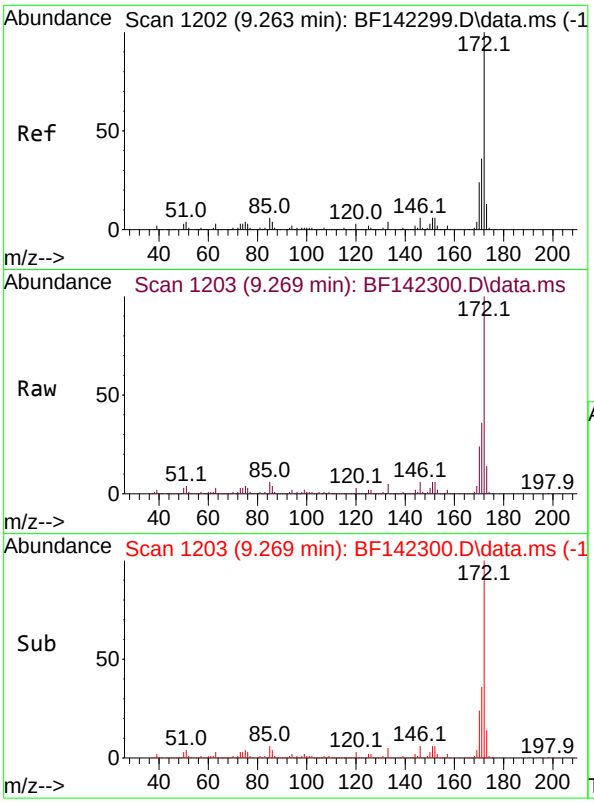


#44
2,4,5-Trichlorophenol
Concen: 55.134 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:196 Resp: 394344

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.1	114.1
97	50.5	39.0	58.4
132	29.7	23.3	34.9

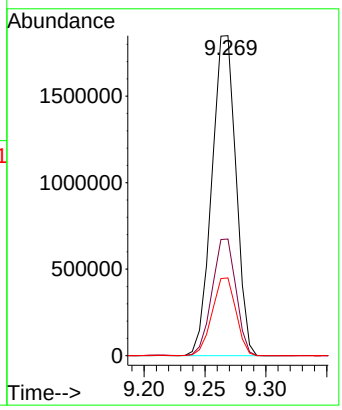




#45
2-Fluorobiphenyl
Concen: 95.292 ng
RT: 9.269 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:172 Resp: 255013

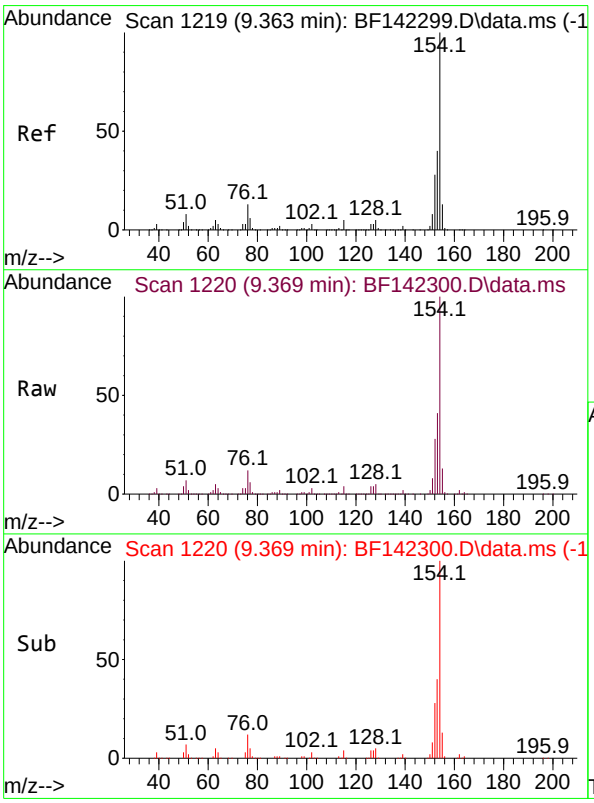
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	24.3	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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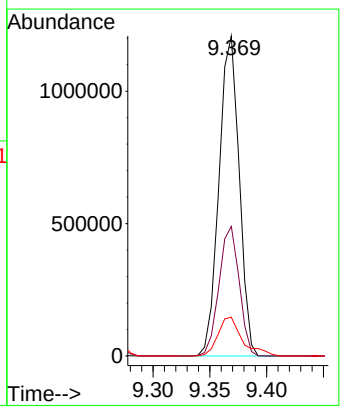
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

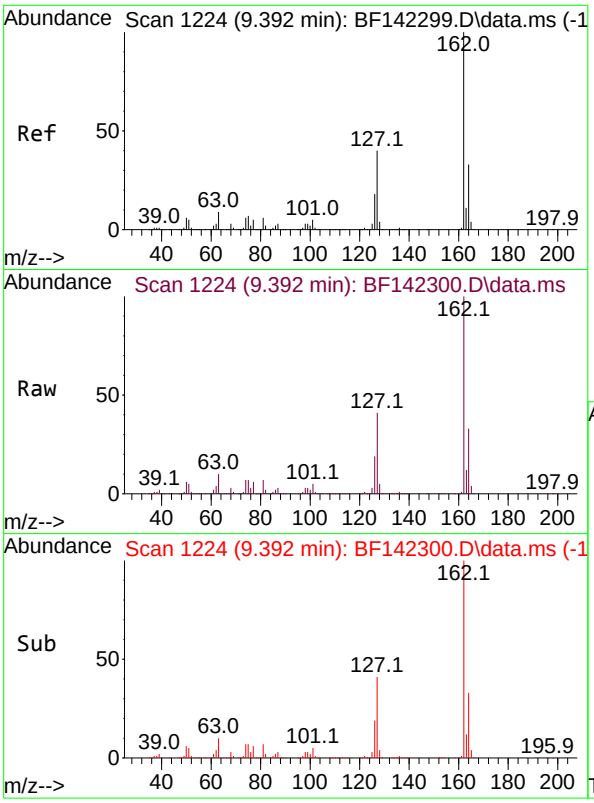


#46
1,1'-Biphenyl
Concen: 51.084 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:154 Resp: 1494596

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	12.1	0.0	32.8





#47
2-Chloronaphthalene
Concen: 50.645 ng
RT: 9.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

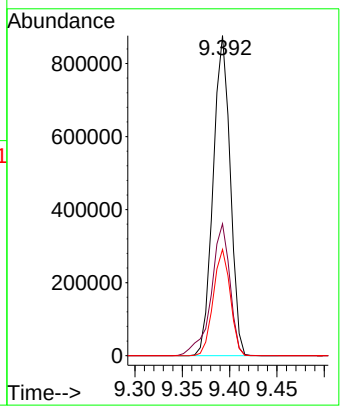
Tgt Ion:162 Resp: 110193

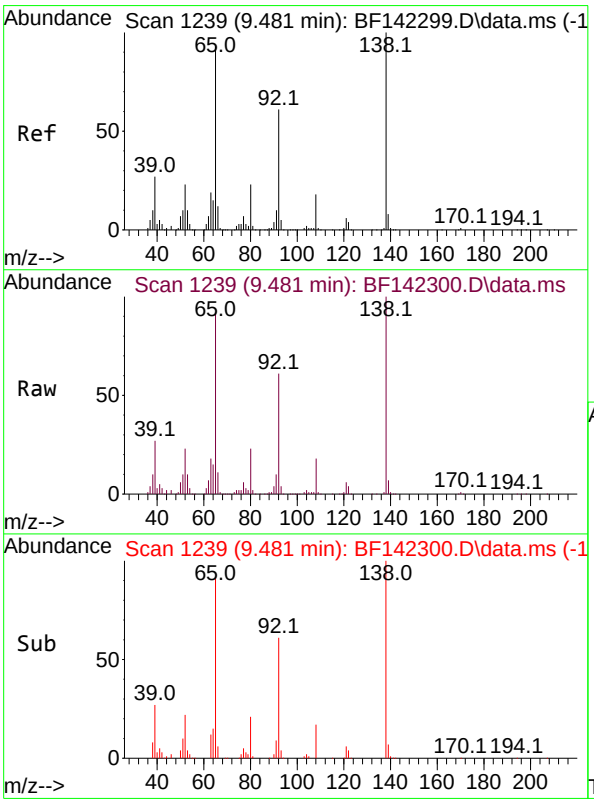
Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.3	48.5
164	33.2	26.6	40.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

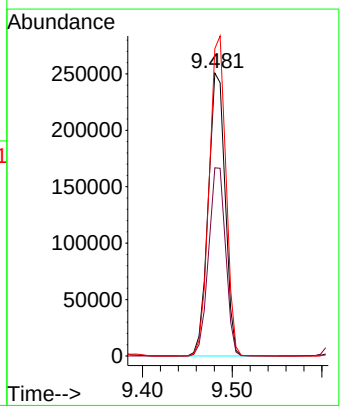


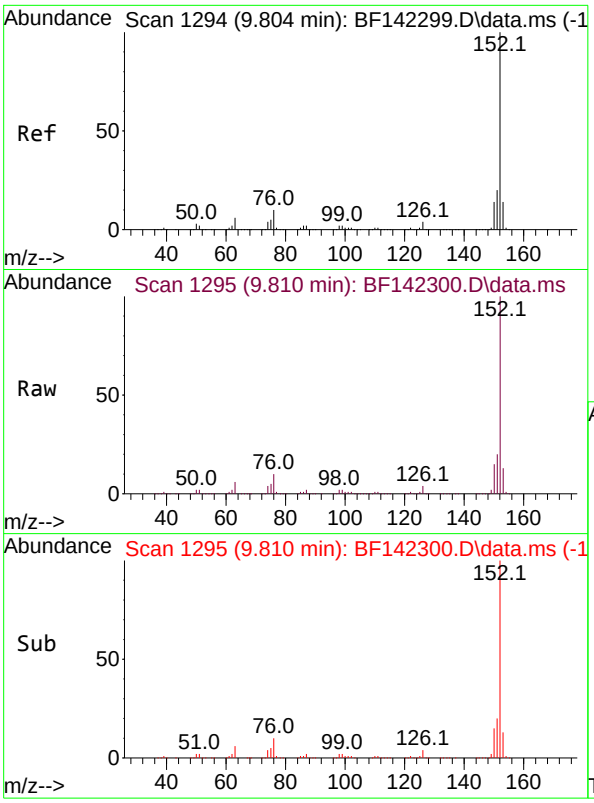


#48
2-Nitroaniline
Concen: 58.781 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 65 Resp: 327821

Ion	Ratio	Lower	Upper
65	100		
92	66.6	52.3	78.5
138	108.7	85.6	128.4

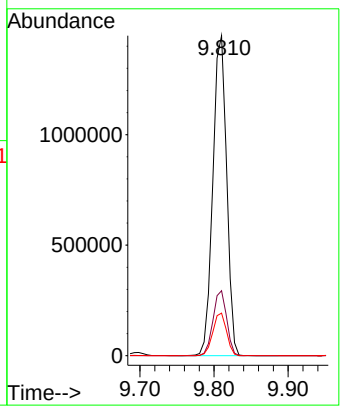




#49
Acenaphthylene
Concen: 51.328 ng
RT: 9.810 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:152 Resp: 186826

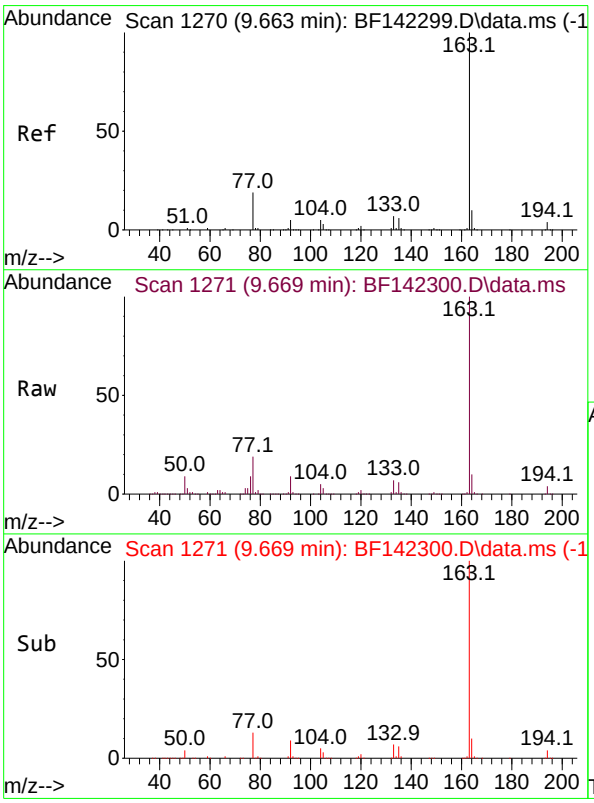
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	13.3	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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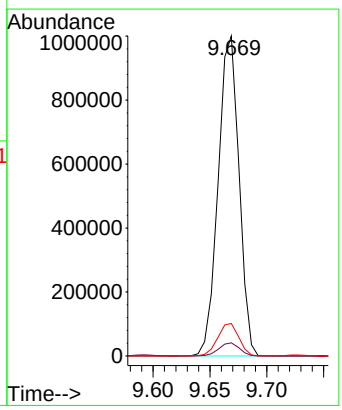
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

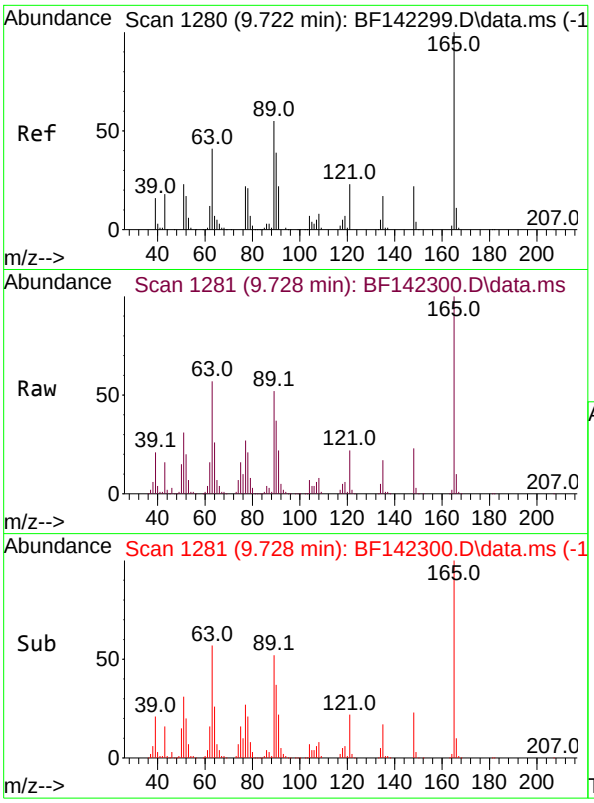


#50
Dimethylphthalate
Concen: 52.252 ng
RT: 9.669 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:163 Resp: 1280292

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 58.331 ng
RT: 9.728 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

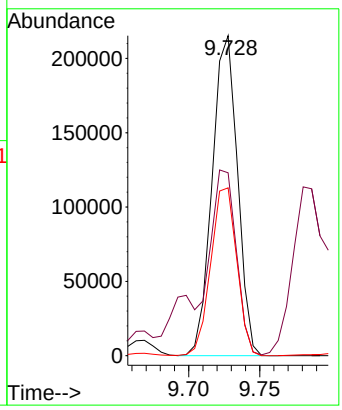
Tgt Ion:165 Resp: 26753

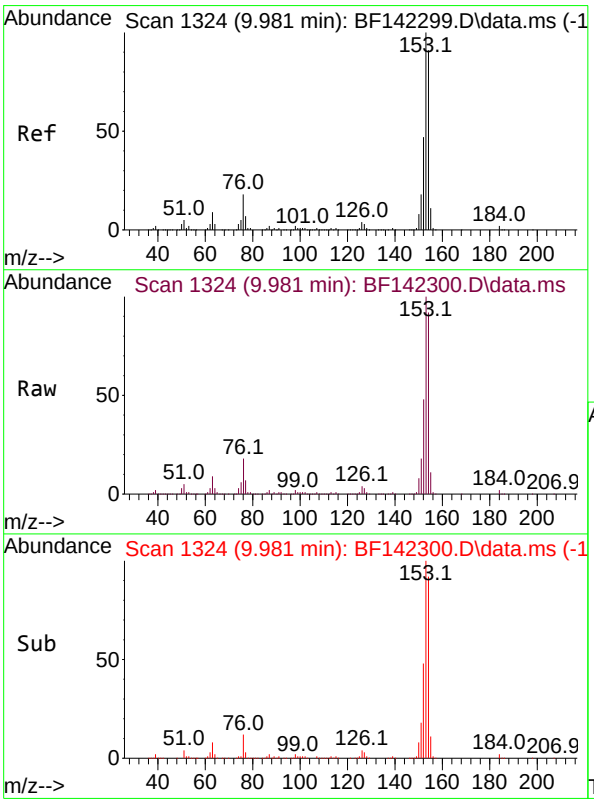
Ion	Ratio	Lower	Upper
165	100		
63	57.1	49.5	74.3
89	52.4	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

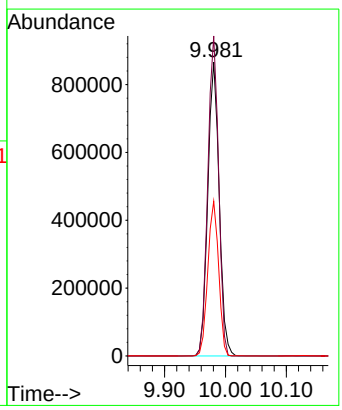


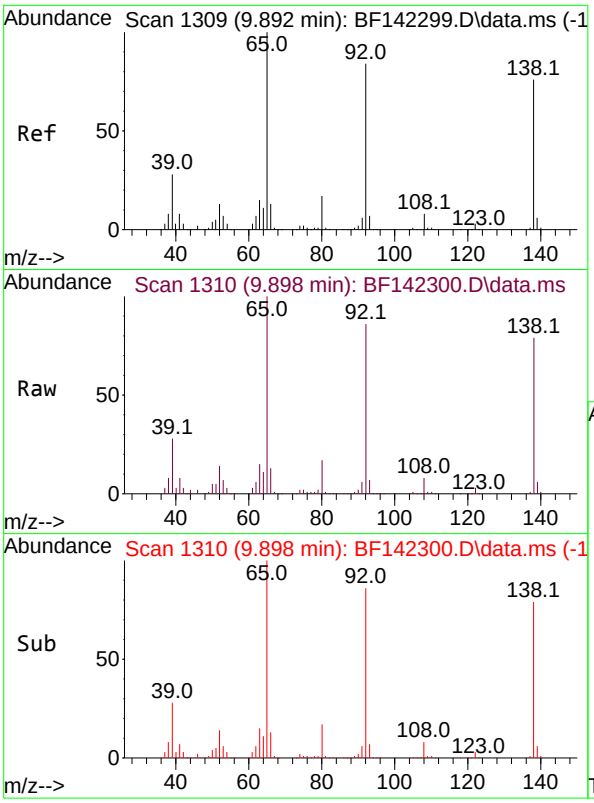


#52
Acenaphthene
Concen: 51.436 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:154 Resp: 1125706

Ion	Ratio	Lower	Upper
154	100		
153	108.9	88.0	132.0
152	52.6	41.6	62.4





#53
3-Nitroaniline
Concen: 58.354 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

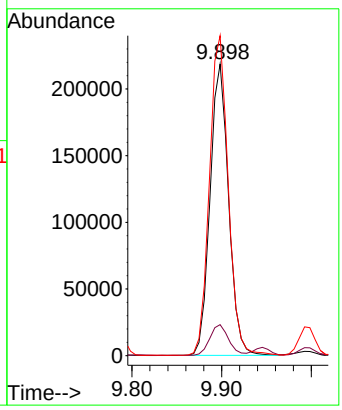
Tgt Ion:138 Resp: 31388

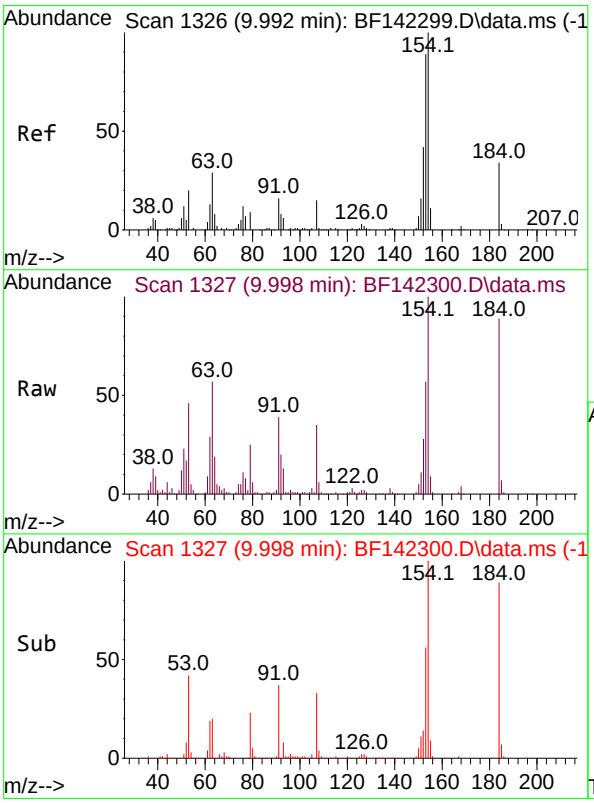
Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.7	13.1
92	109.7	89.5	134.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

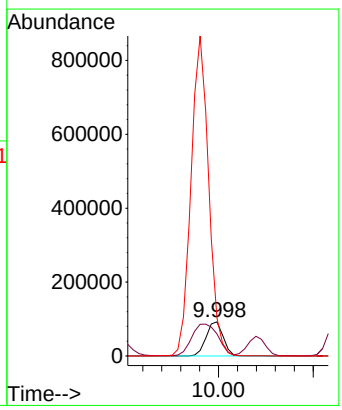


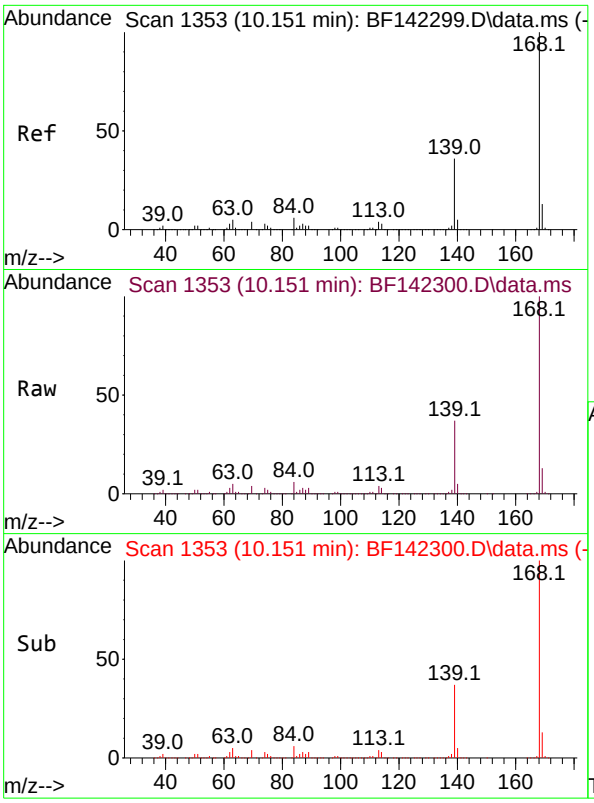


#54
2,4-Dinitrophenol
Concen: 50.908 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:184 Resp: 114759

Ion	Ratio	Lower	Upper
184	100		
63	64.7	70.6	105.8#
154	112.5	257.2	385.8#

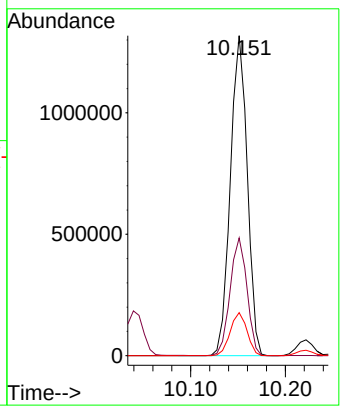




#55
Dibenzofuran
Concen: 50.542 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:168 Resp: 163249

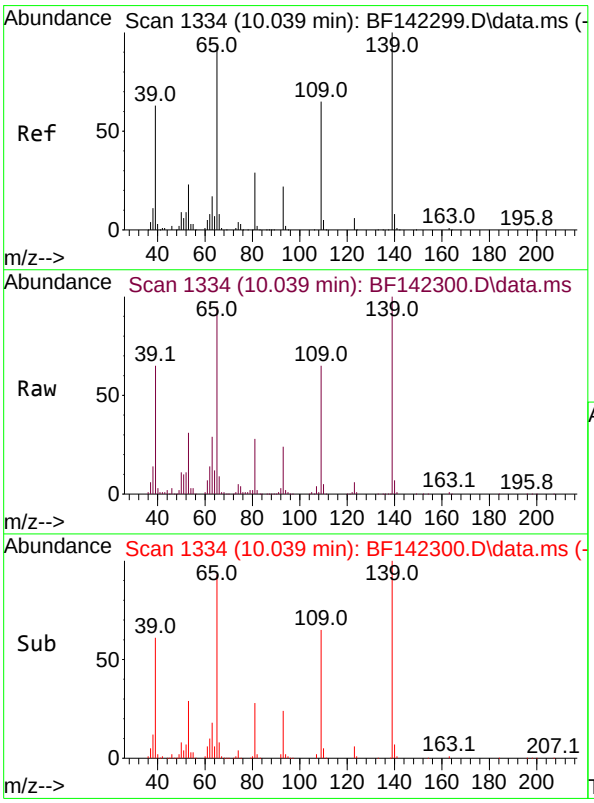
Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.0	43.4
169	13.5	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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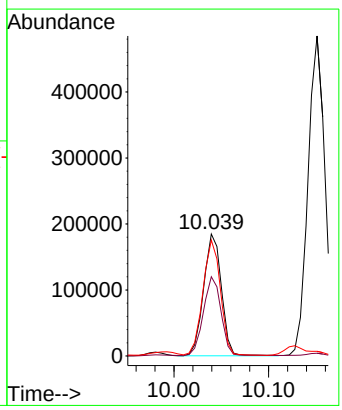
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

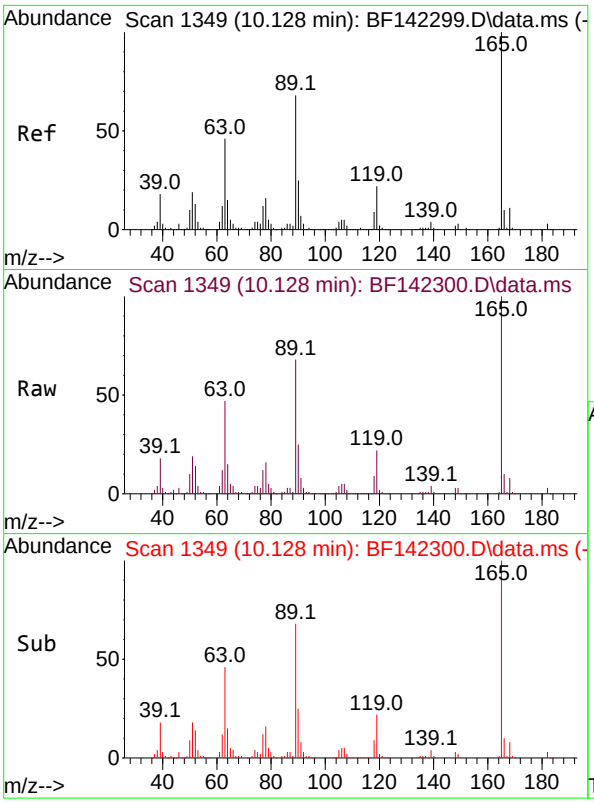


#56
4-Nitrophenol
Concen: 59.524 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:139 Resp: 240972

Ion	Ratio	Lower	Upper
139	100		
109	64.9	45.3	85.3
65	95.0	73.9	113.9

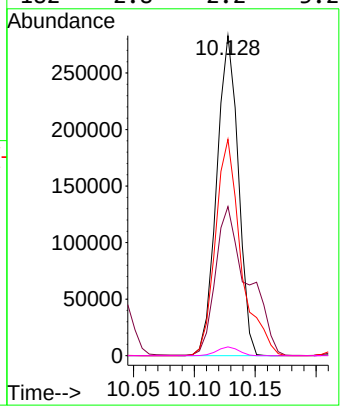




#57
2,4-Dinitrotoluene
Concen: 59.620 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:165 Resp: 35074

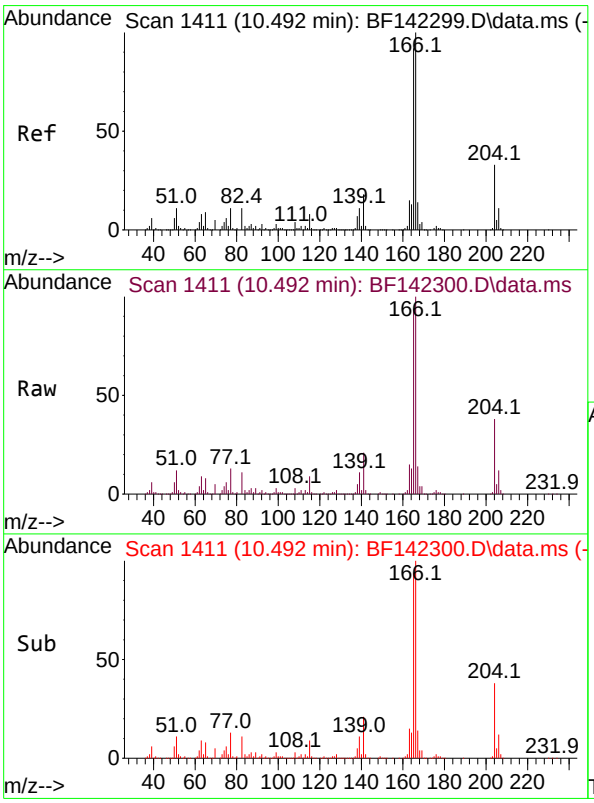
Ion	Ratio	Lower	Upper
165	100		
63	46.6	37.1	55.7
89	67.6	54.4	81.6
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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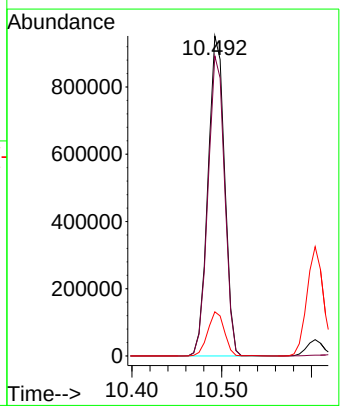
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

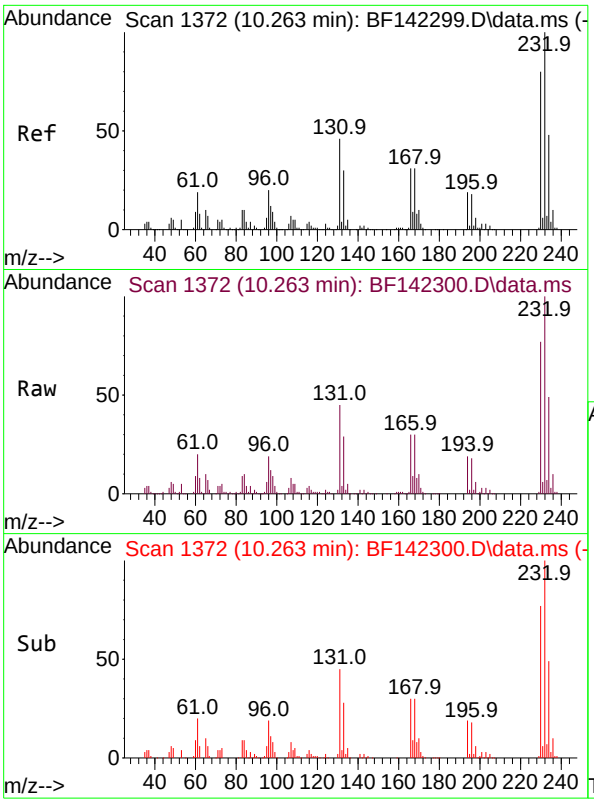


#58
Fluorene
Concen: 49.671 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:166 Resp: 1224371

Ion	Ratio	Lower	Upper
166	100		
165	93.8	74.0	111.0
167	13.8	10.9	16.3

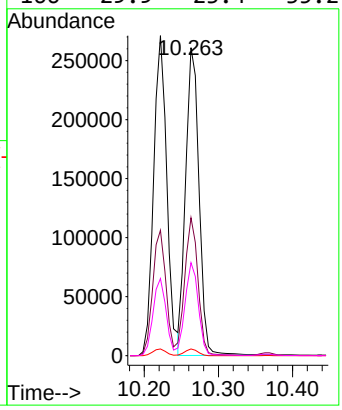




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.542 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:232 Resp: 32794

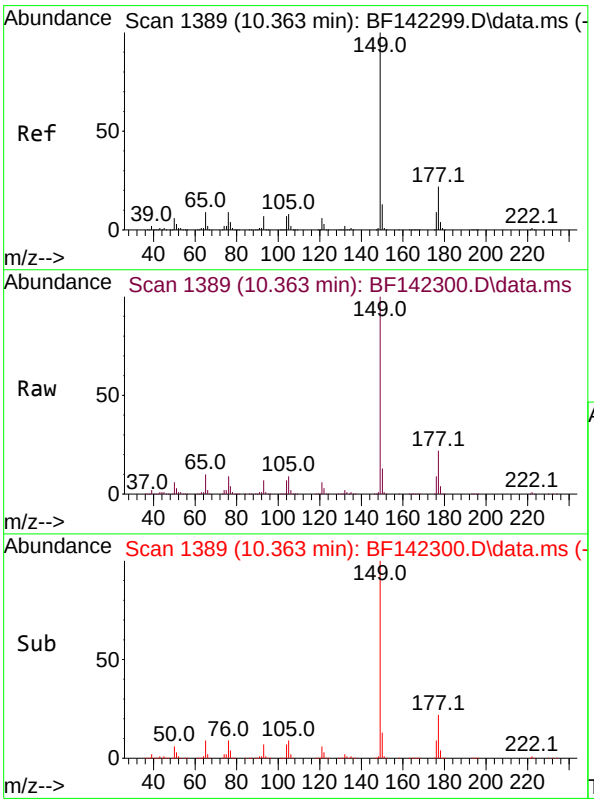
Ion	Ratio	Lower	Upper
232	100		
131	44.3	36.0	54.0
130	2.2	1.8	2.6
166	29.9	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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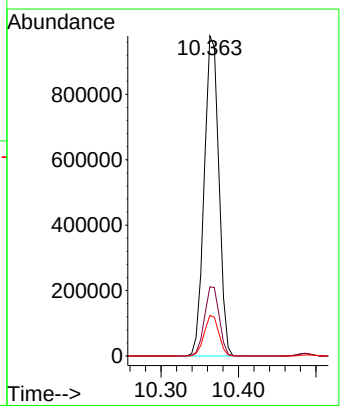
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

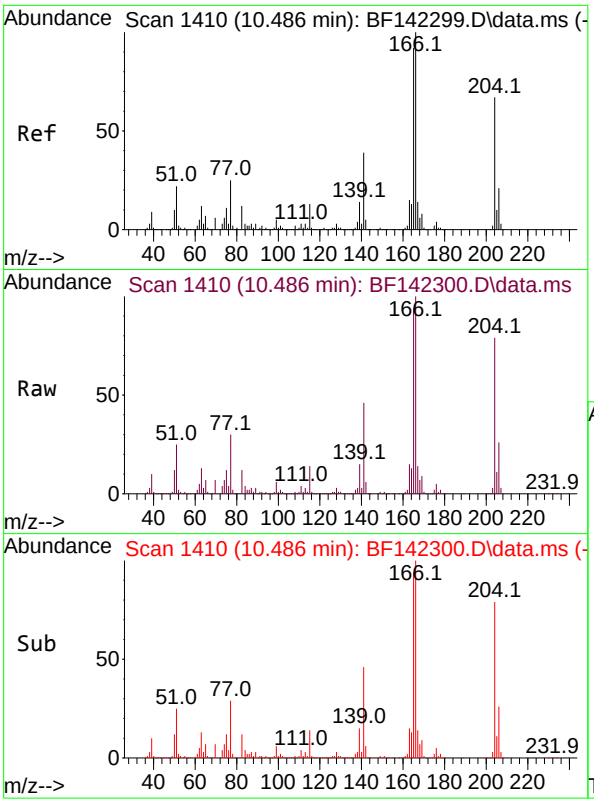


#60
Diethylphthalate
Concen: 52.397 ng
RT: 10.363 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:149 Resp: 1282136

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.6	26.4
150	12.6	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.168 ng
RT: 10.486 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

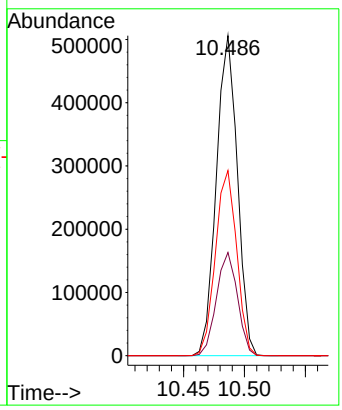
Tgt Ion:204 Resp: 60850

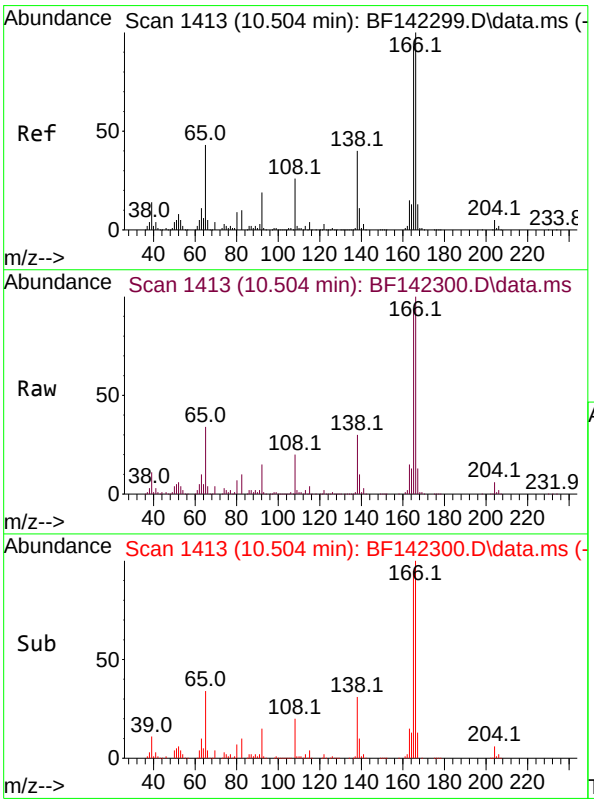
Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.5	38.3
141	57.8	46.4	69.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

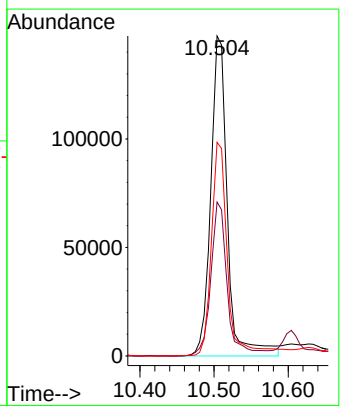


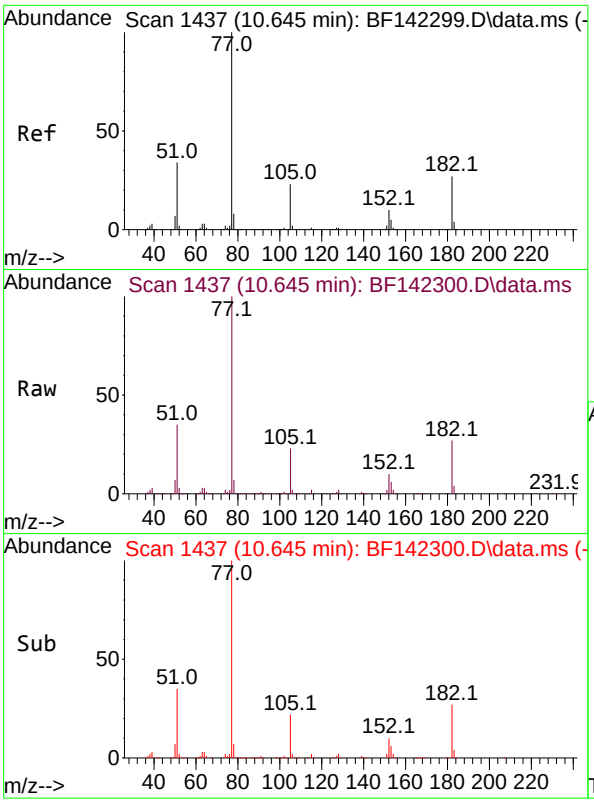


#62
4-Nitroaniline
Concen: 53.785 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:138 Resp: 229299

Ion	Ratio	Lower	Upper
138	100		
92	48.1	27.3	67.3
108	66.8	45.1	85.1

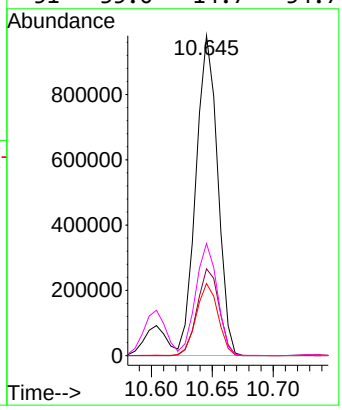




#63
Azobenzene
Concen: 51.833 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 77 Resp: 121197

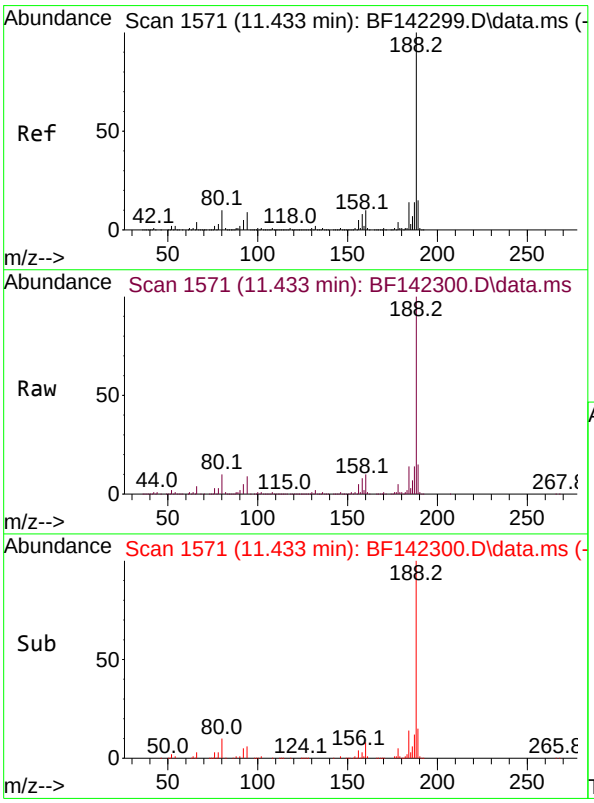
Ion	Ratio	Lower	Upper
77	100		
182	27.1	6.9	46.9
105	22.5	2.7	42.7
51	35.0	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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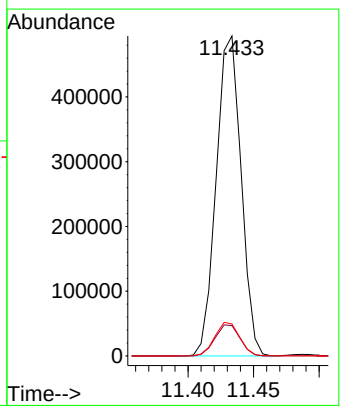
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

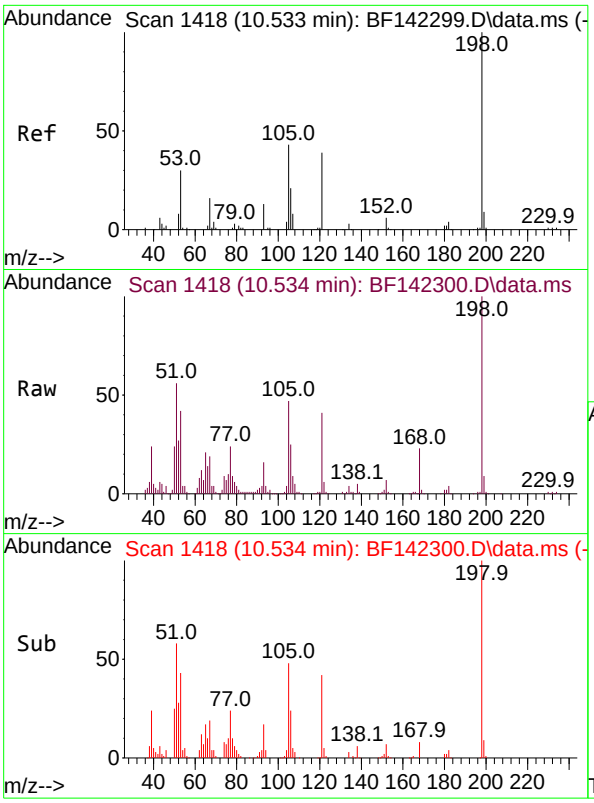


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:188 Resp: 653321

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.0	7.9	11.9

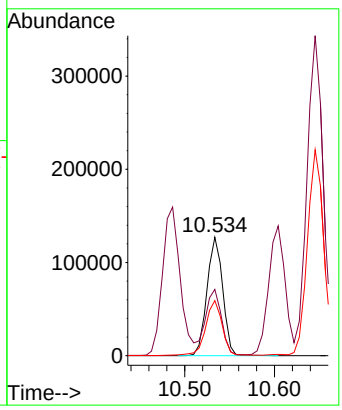




#65
4,6-Dinitro-2-methylphenol
Concen: 50.269 ng
RT: 10.534 min Scan# 14
Delta R.T. 0.001 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:198 Resp: 15430

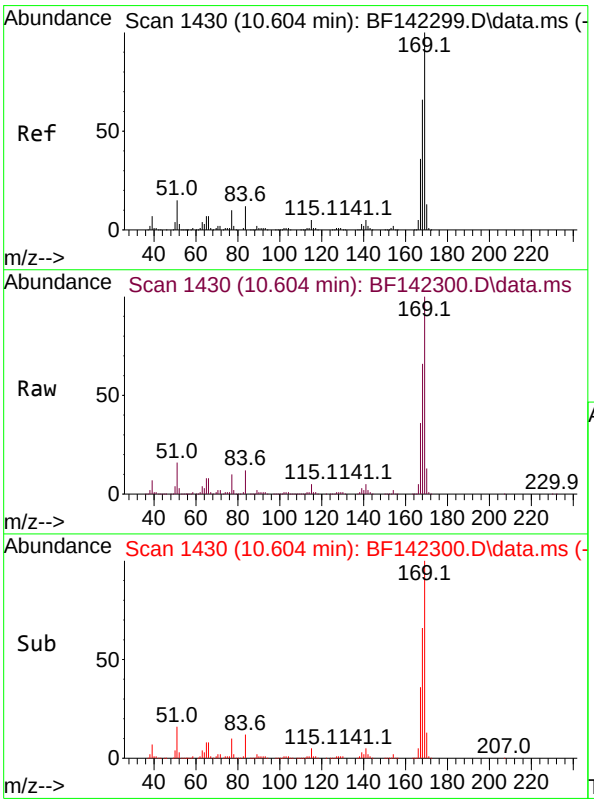
Ion	Ratio	Lower	Upper
198	100		
51	56.0	32.9	72.9
105	46.5	23.7	63.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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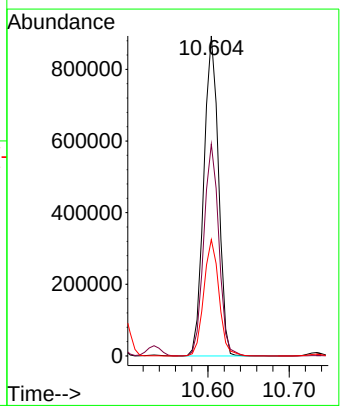
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

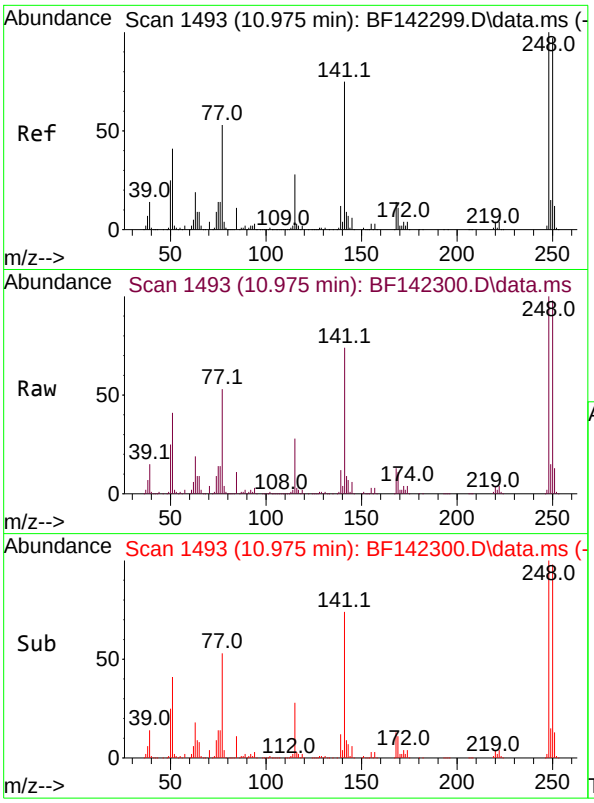


#66
n-Nitrosodiphenylamine
Concen: 51.544 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:169 Resp: 1120570

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.2	79.8
167	36.4	28.9	43.3

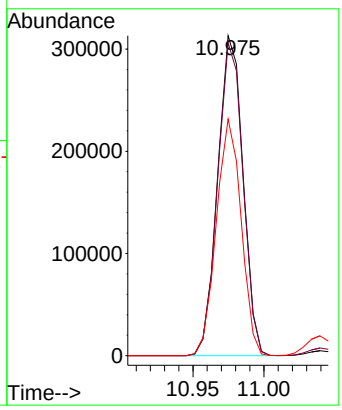




#67
4-Bromophenyl-phenylether
Concen: 52.469 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:248 Resp: 38849

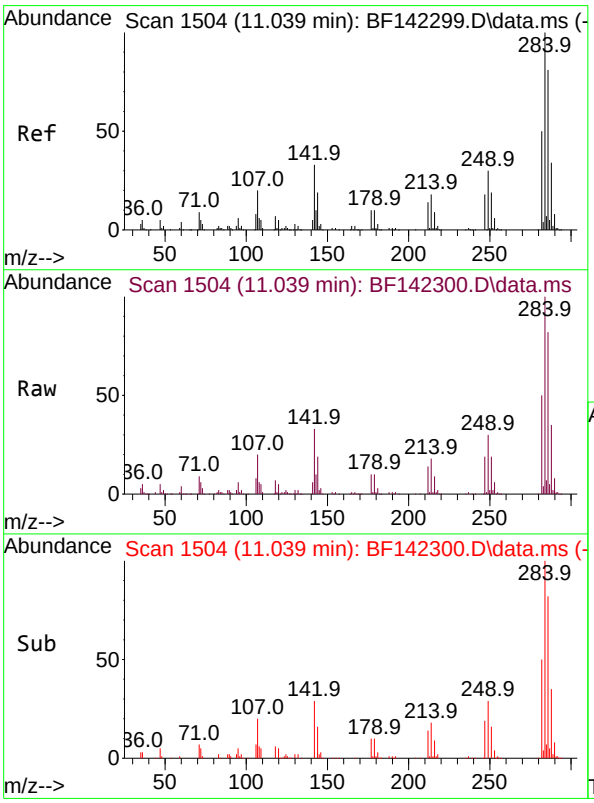
Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.9	116.9
141	73.9	59.8	89.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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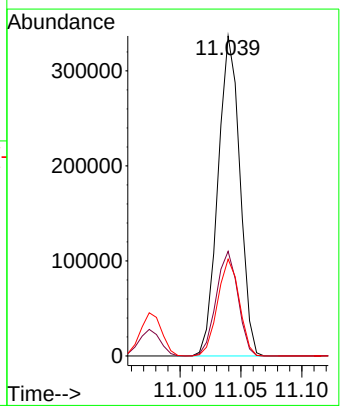
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

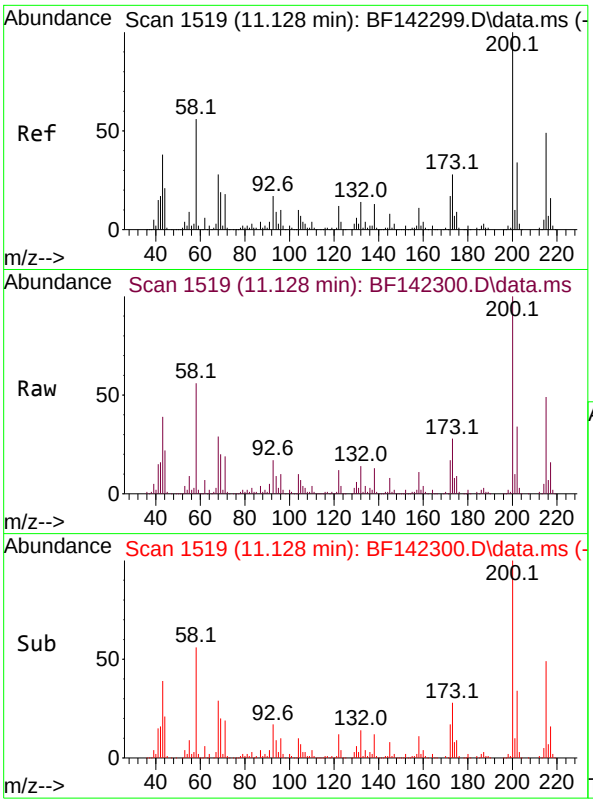


#68
Hexachlorobenzene
Concen: 51.661 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:284 Resp: 420761

Ion	Ratio	Lower	Upper
284	100		
142	32.7	26.6	39.8
249	30.2	24.1	36.1





#69
Atrazine
Concen: 55.754 ng
RT: 11.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

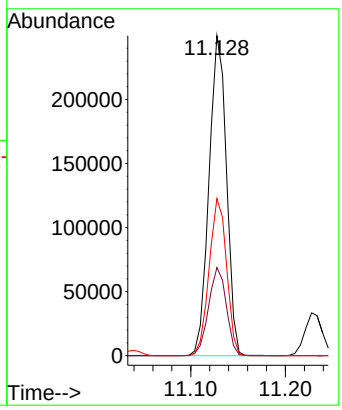
Tgt Ion:200 Resp: 31950

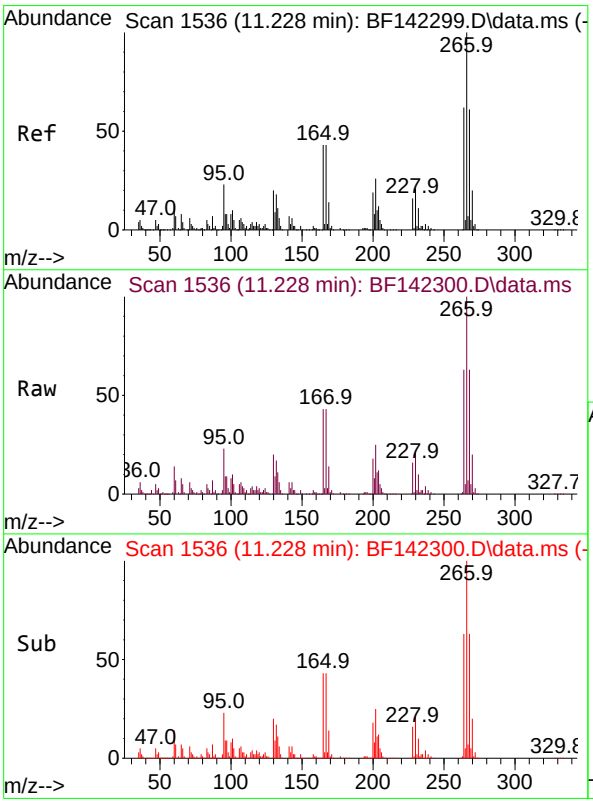
Ion	Ratio	Lower	Upper
200	100		
173	27.5	8.1	48.1
215	49.0	28.8	68.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

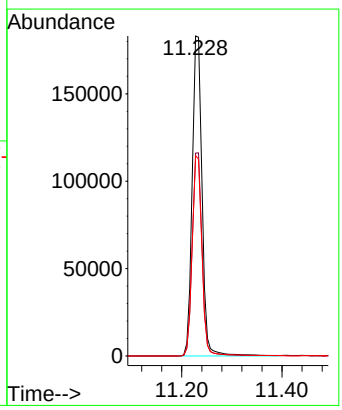


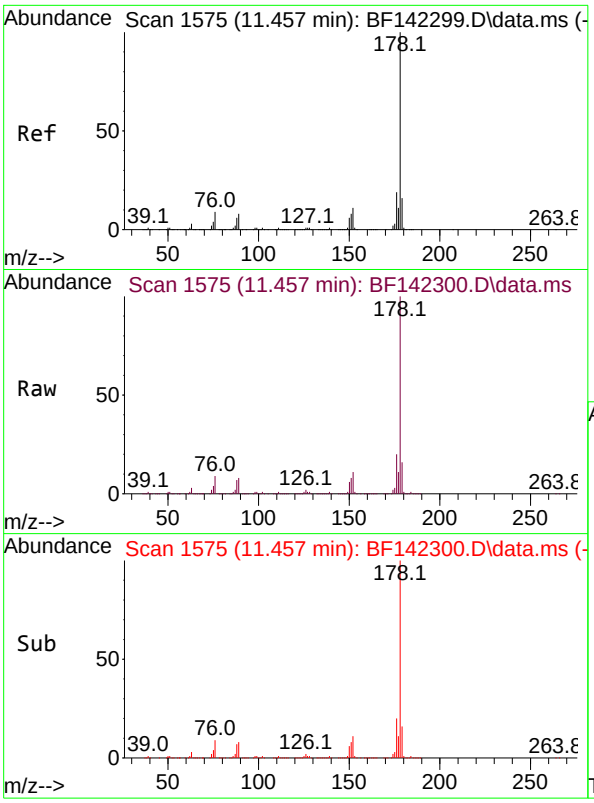


#70
Pentachlorophenol
Concen: 58.166 ng
RT: 11.228 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:266 Resp: 249218

Ion	Ratio	Lower	Upper
266	100		
268	63.4	48.7	73.1
264	62.6	49.8	74.6

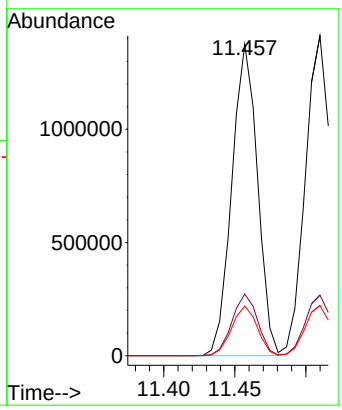




#71
Phenanthrene
Concen: 50.453 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:178 Resp: 172779

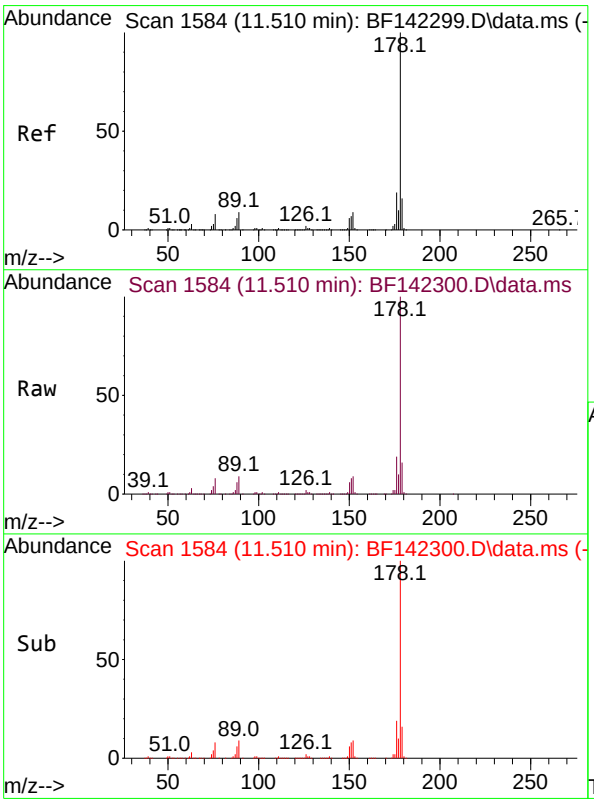
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.9	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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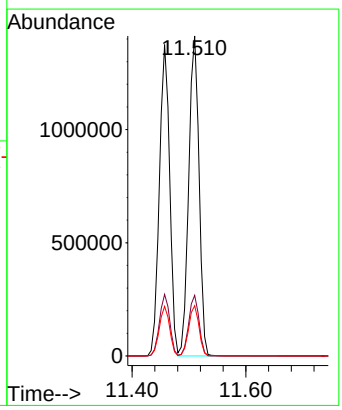
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

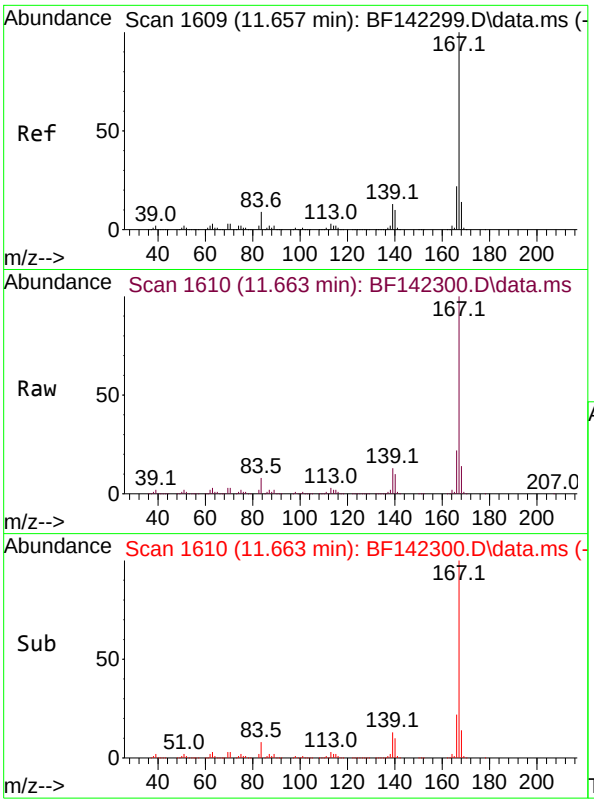


#72
Anthracene
Concen: 50.712 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:178 Resp: 1784428

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.7	12.6	18.8





#73
Carbazole
Concen: 51.019 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

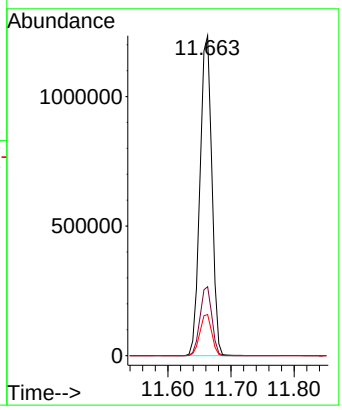
Tgt Ion:167 Resp: 161061

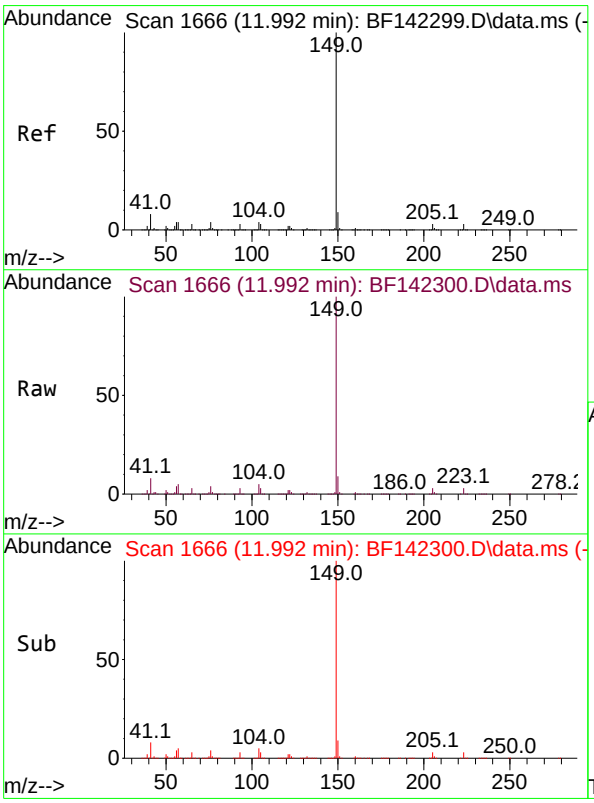
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.9	10.3	15.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

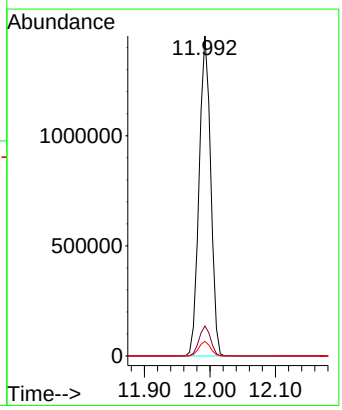


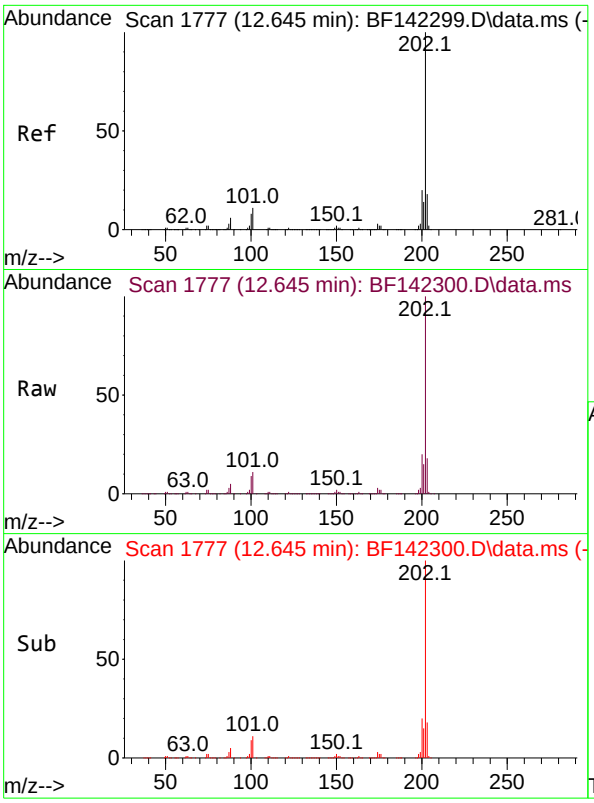


#74
Di-n-butylphthalate
Concen: 53.803 ng
RT: 11.992 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:149 Resp: 1785998

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.5	3.6	5.4





#75
Fluoranthene
Concen: 50.159 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

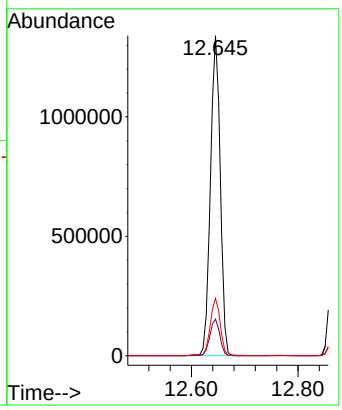
Tgt Ion:202 Resp: 171706

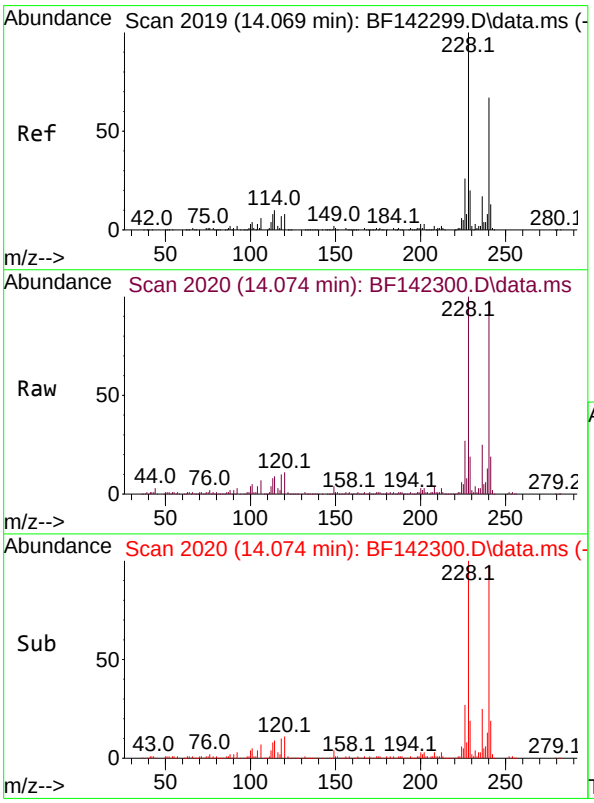
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.4
203	17.9	0.0	37.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

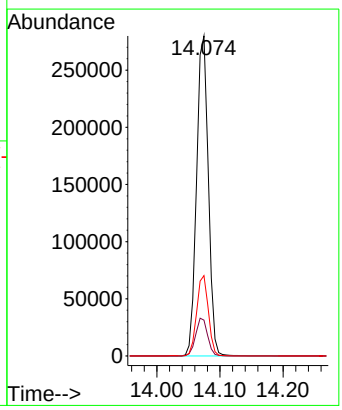


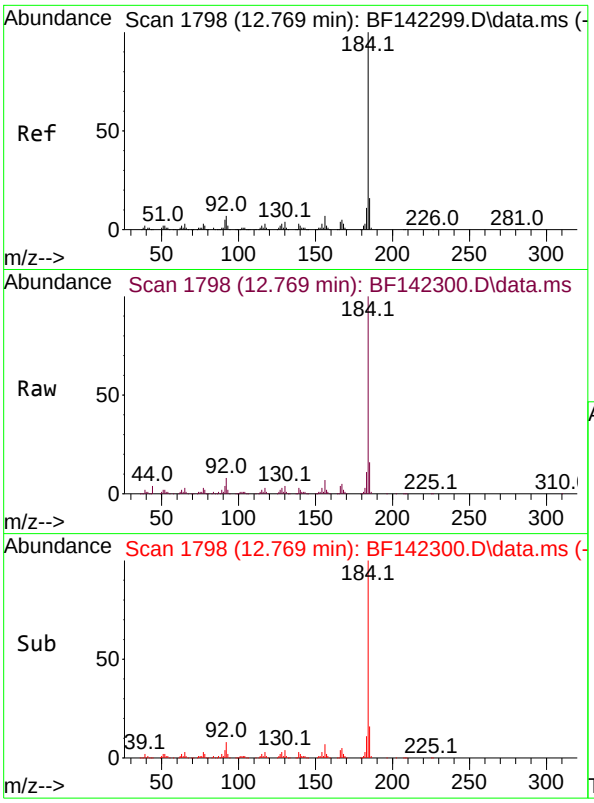


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:240 Resp: 361528

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.7	14.5
236	25.1	20.0	30.0

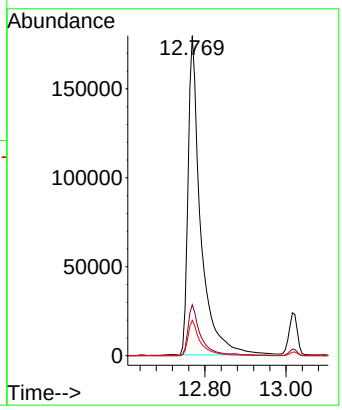




#77
Benzidine
Concen: 58.643 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:184 Resp: 38528

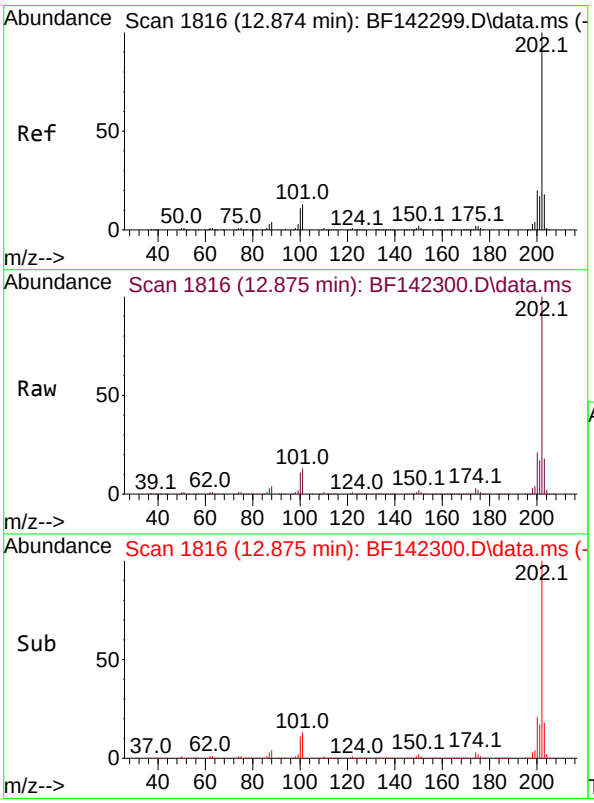
Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	11.1	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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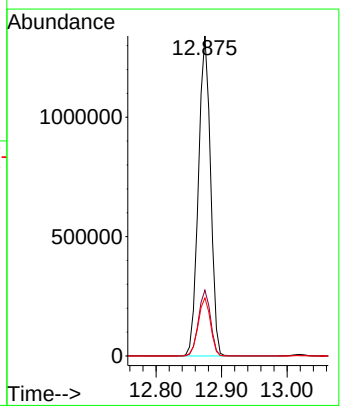
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

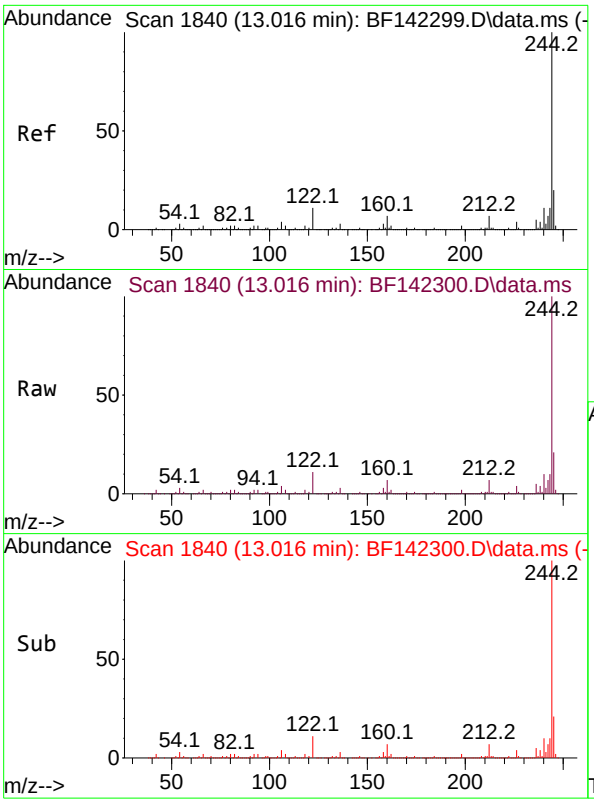


#78
Pyrene
Concen: 53.702 ng
RT: 12.875 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:202 Resp: 1728090

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.4
203	18.1	14.3	21.5

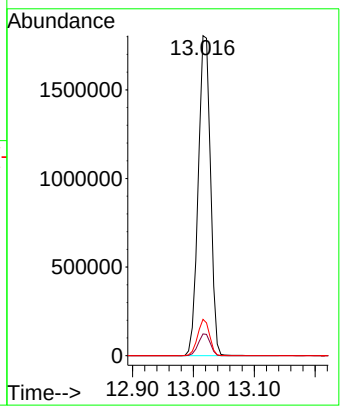




#79
Terphenyl-d14
Concen: 102.849 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:244 Resp: 251216

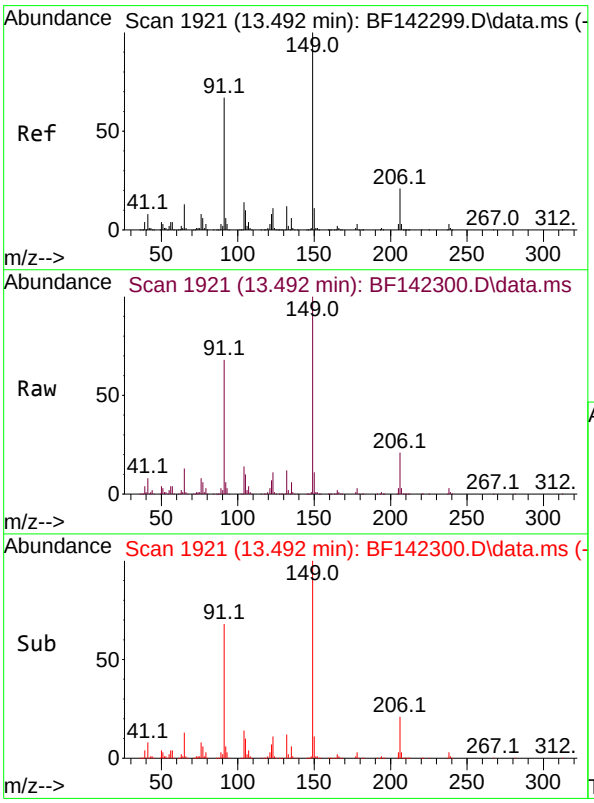
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.4	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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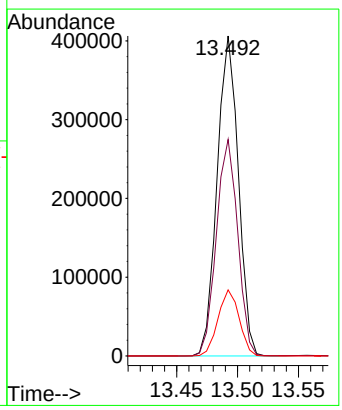
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

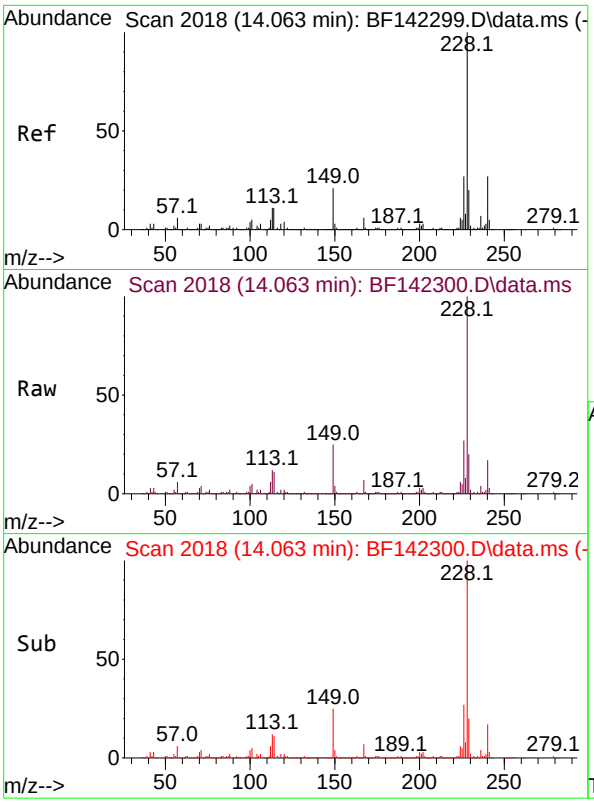


#80
Butylbenzylphthalate
Concen: 52.156 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:149 Resp: 493025

Ion	Ratio	Lower	Upper
149	100		
91	67.6	53.8	80.6
206	20.7	16.6	24.8





#81
Benzo(a)anthracene
Concen: 52.285 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

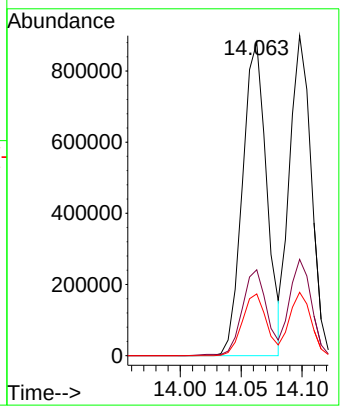
Tgt Ion:228 Resp: 122413

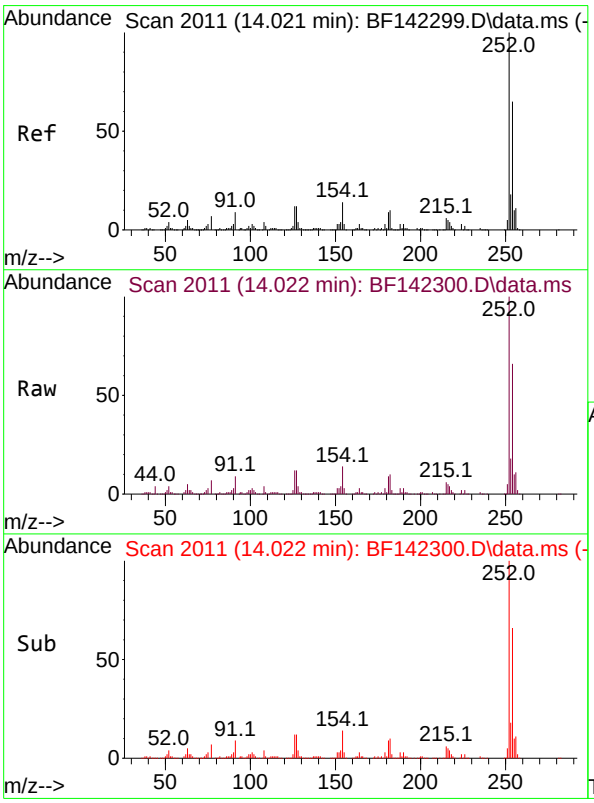
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.5	32.3
229	19.7	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

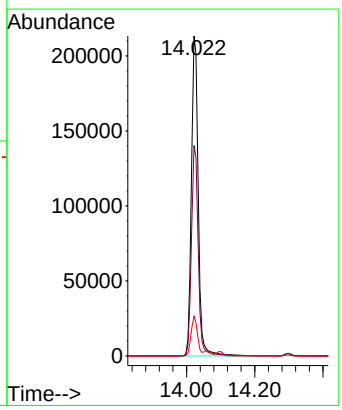


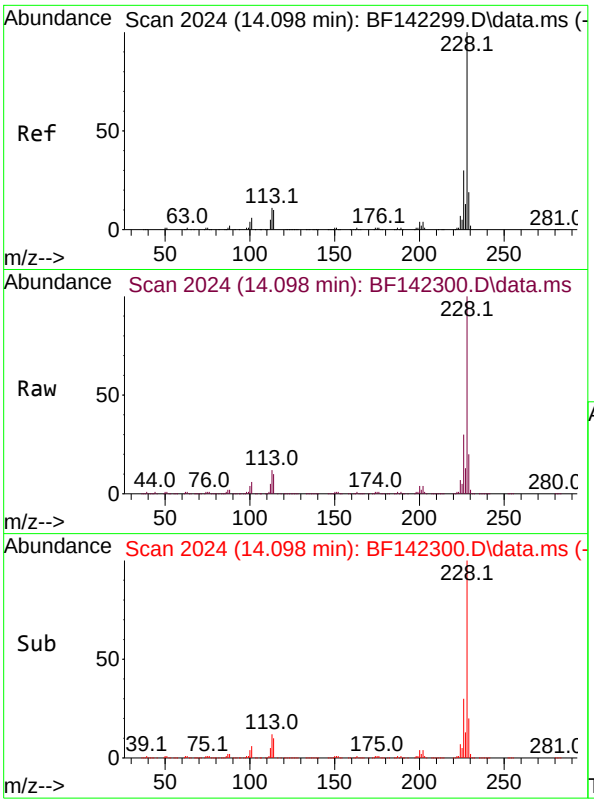


#82
3,3'-Dichlorobenzidine
Concen: 54.357 ng
RT: 14.022 min Scan# 2011
Delta R.T. 0.001 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:252 Resp: 295953

Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.0	78.0
126	12.4	9.7	14.5

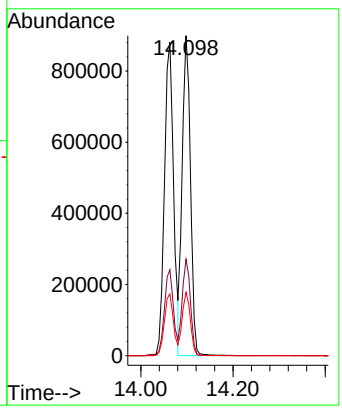




#83
Chrysene
Concen: 51.342 ng
RT: 14.098 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:228 Resp: 111904(

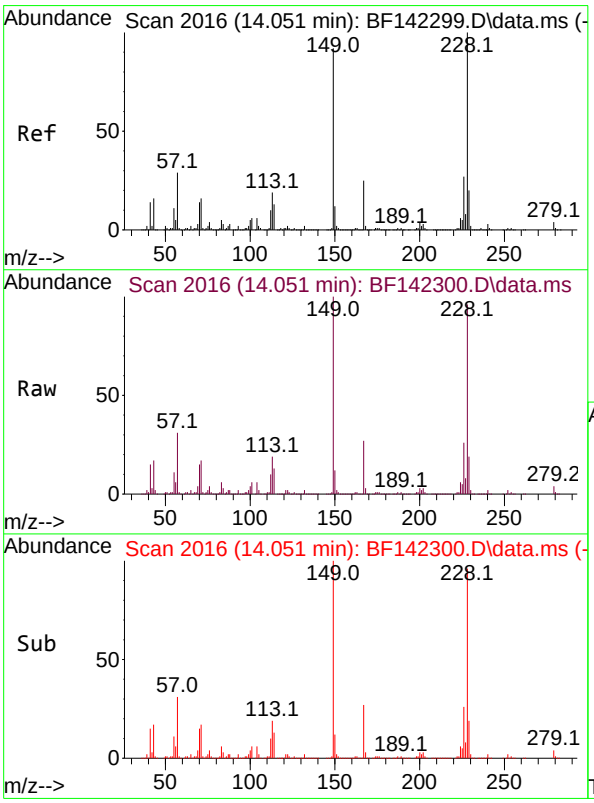
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	19.8	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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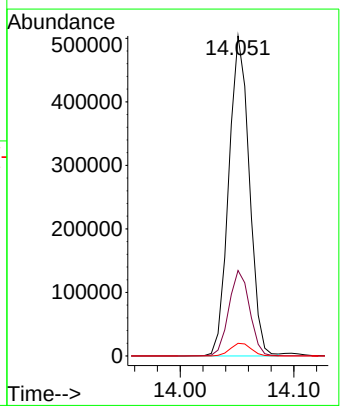
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

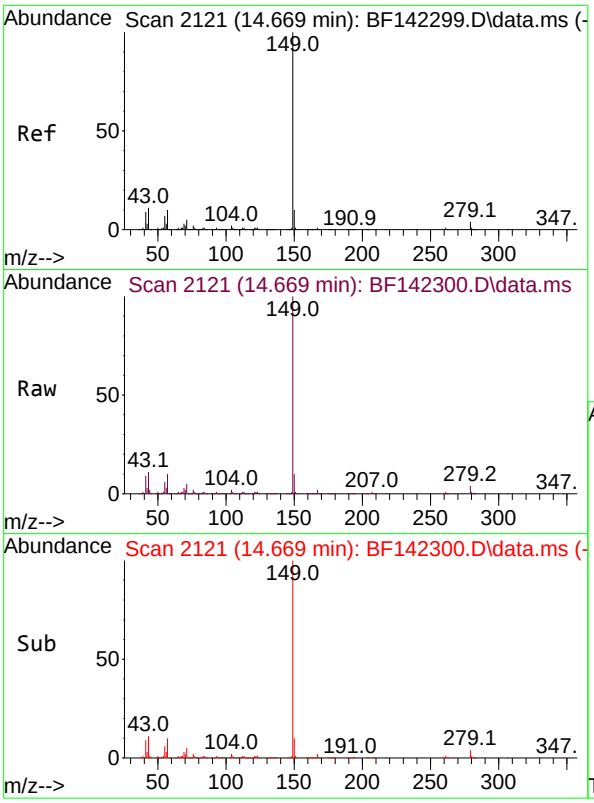


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.305 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:149 Resp: 631350

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.0	33.0
279	3.9	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 50.417 ng
RT: 14.669 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

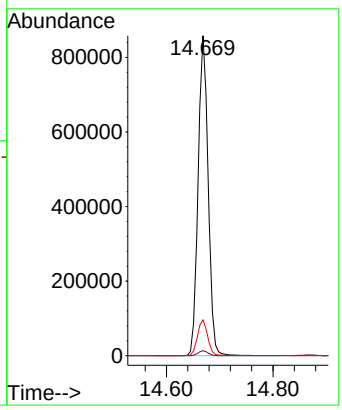
Tgt Ion:149 Resp: 112210

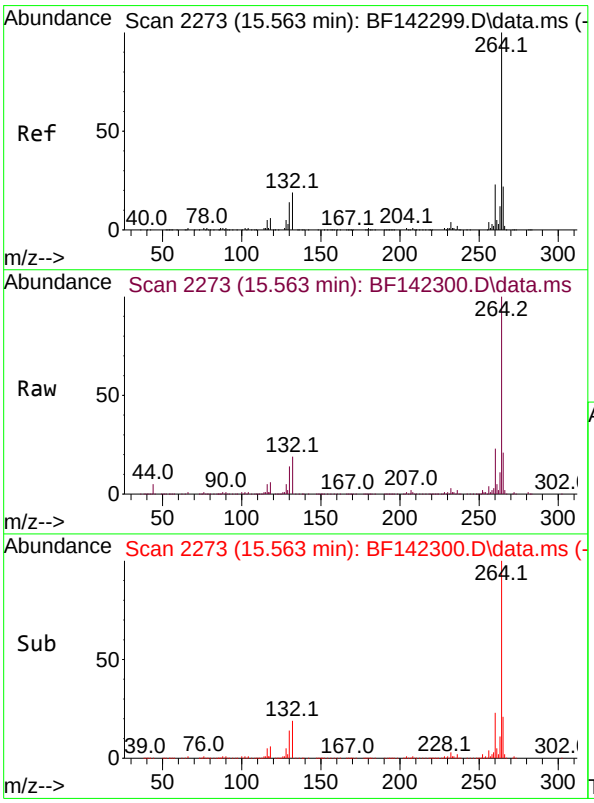
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.4	9.2	13.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

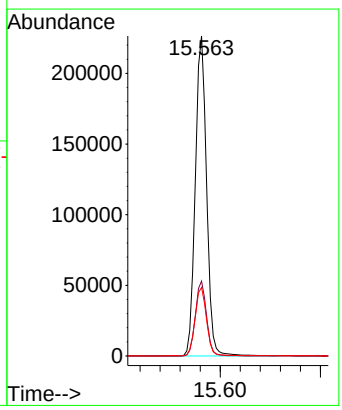


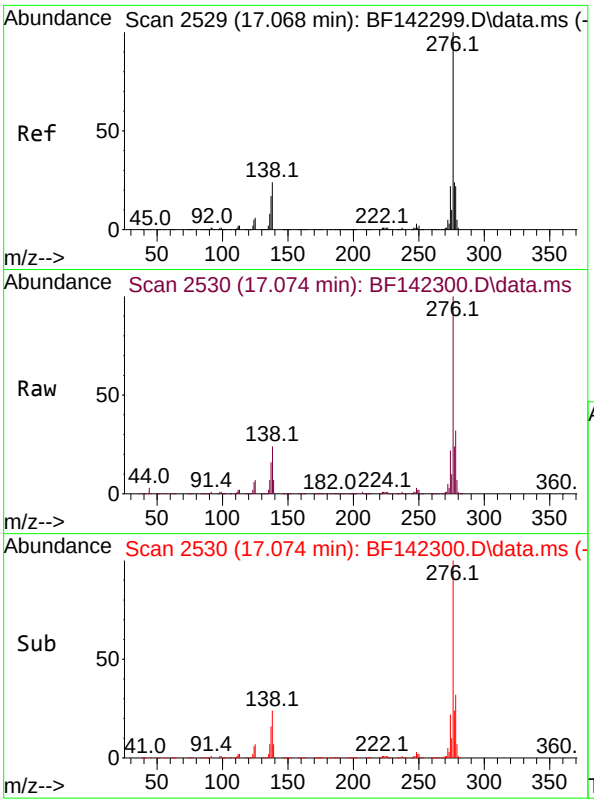


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:264 Resp: 352732

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.4	17.5	26.3

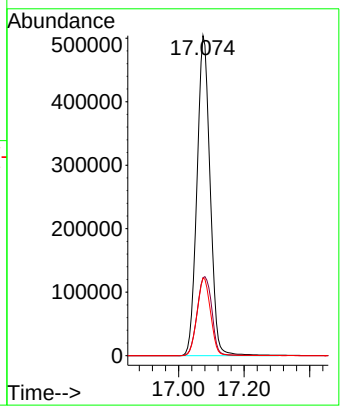




#87
Indeno(1,2,3-cd)pyrene
Concen: 57.351 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:276 Resp: 140723

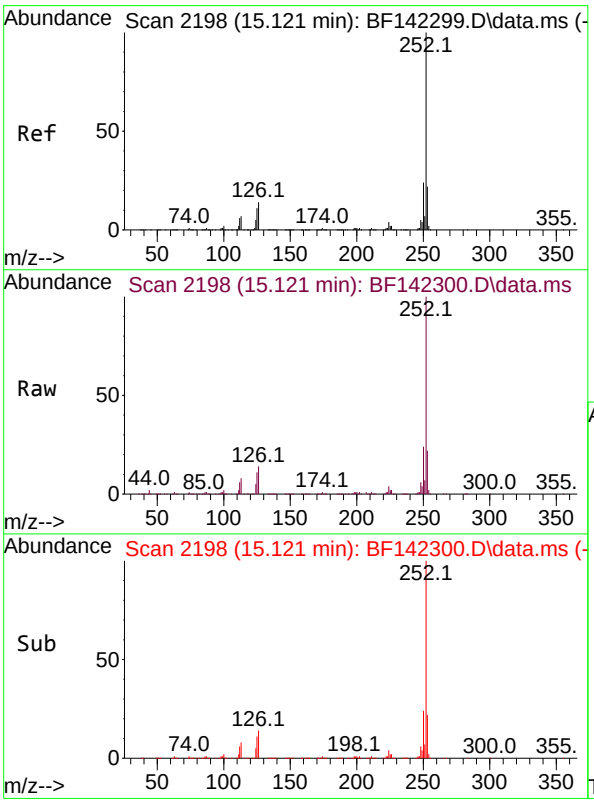
Ion	Ratio	Lower	Upper
276	100		
138	27.7	22.0	33.0
277	25.0	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

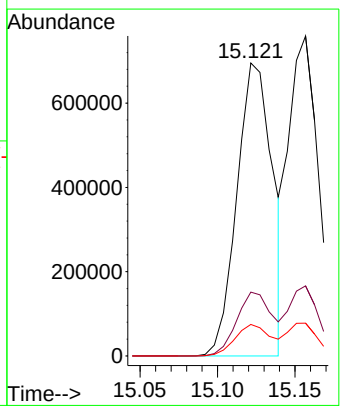
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

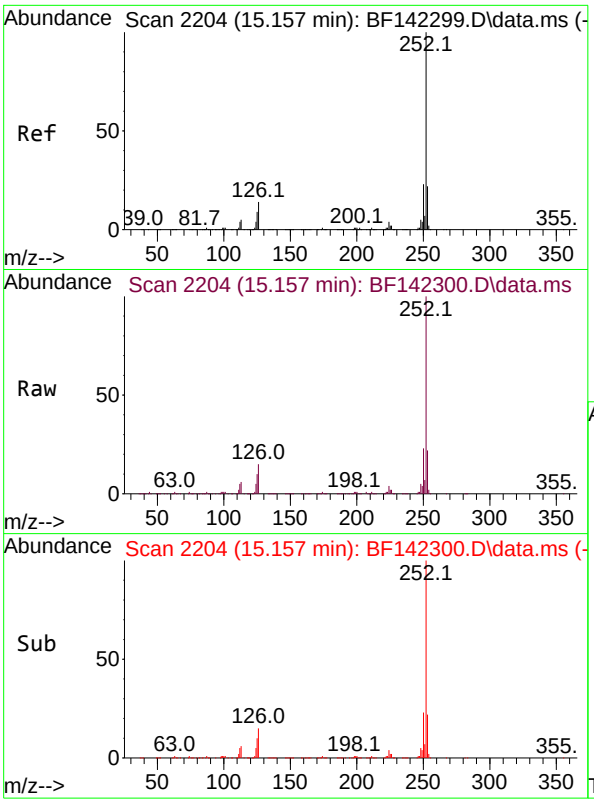


#88
Benzo(b)fluoranthene
Concen: 52.119 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:252 Resp: 1113446

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.8	8.7	13.1

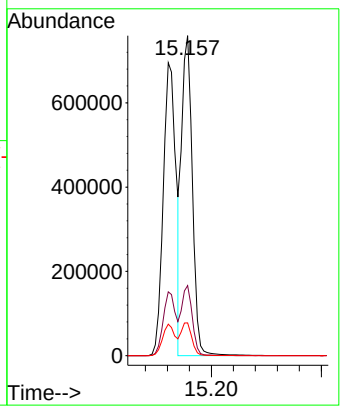




#89
Benzo(k)fluoranthene
Concen: 52.880 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:252 Resp: 103381

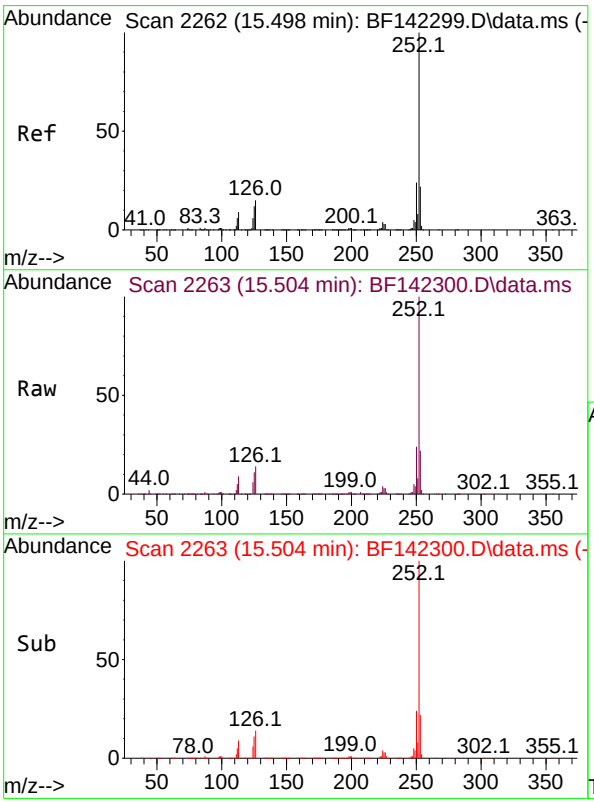
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.2	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

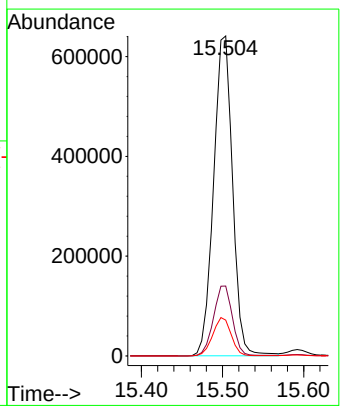
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

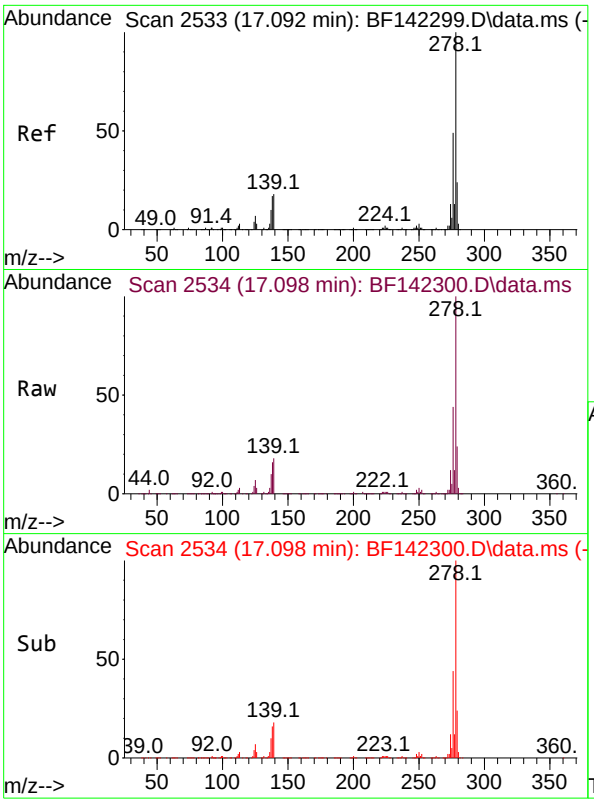


#90
Benzo(a)pyrene
Concen: 54.482 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:252 Resp: 1043008

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	11.2	9.4	14.0

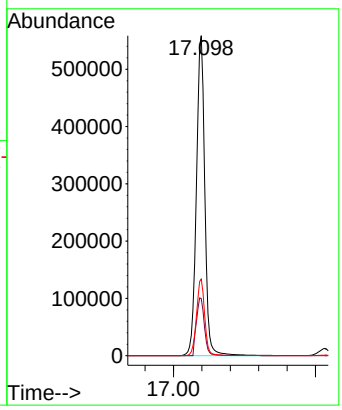




#91
Dibenzo(a,h)anthracene
Concen: 56.905 ng
RT: 17.098 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:278 Resp: 115355

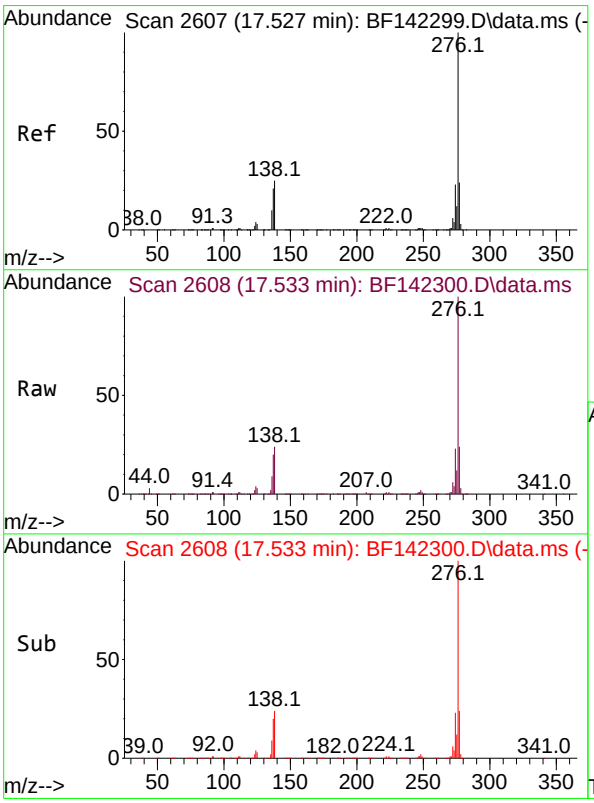
Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.5	21.7
279	24.0	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

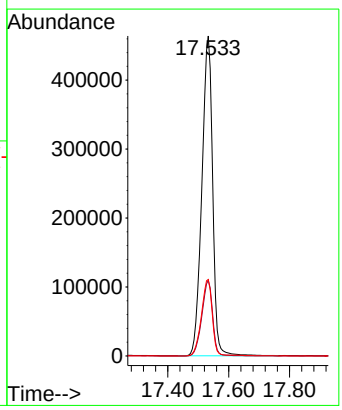
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#92
Benzo(g,h,i)perylene
Concen: 56.752 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:276 Resp: 1141826

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	23.9	19.8	29.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142301.D
Acq On : 05 May 2025 16:47
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 18:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	197459	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	774183	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	403498	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	678705	20.000	ng		0.00
76) Chrysene-d12	14.074	240	358642	20.000	ng		0.00
86) Perylene-d12	15.563	264	387967	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1380708	119.365	ng		0.00
7) Phenol-d6	6.528	99	1681641	118.204	ng		0.00
23) Nitrobenzene-d5	7.475	82	1614559	127.189	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	509292	130.732	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	3015927	106.576	ng		0.00
79) Terphenyl-d14	13.022	244	2827945	116.709	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	308652	59.255	ng		100
3) Pyridine	3.446	79	777252	63.459	ng		99
4) n-Nitrosodimethylamine	3.405	42	429842	60.476	ng		99
6) Aniline	6.575	93	900100	64.503	ng		99
8) 2-Chlorophenol	6.687	128	760230	61.504	ng		99
9) Benzaldehyde	6.457	77	392710	47.164	ng		99
10) Phenol	6.545	94	902878m	59.871	ng		
11) bis(2-Chloroethyl)ether	6.645	93	853741m	57.408	ng		
12) 1,3-Dichlorobenzene	6.851	146	816681	57.752	ng		99
13) 1,4-Dichlorobenzene	6.928	146	820881	57.814	ng		99
14) 1,2-Dichlorobenzene	7.075	146	794010	58.260	ng		99
15) Benzyl Alcohol	7.045	79	597038	64.809	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1310008	58.989	ng		100
17) 2-Methylphenol	7.151	107	599927	59.949	ng		99
18) Hexachloroethane	7.422	117	288326	61.032	ng		99
19) n-Nitroso-di-n-propyla...	7.328	70	523983	59.543	ng		98
20) 3+4-Methylphenols	7.310	107	726451	58.165	ng		94
22) Acetophenone	7.316	105	972165	56.476	ng	#	93
24) Nitrobenzene	7.492	77	753847	62.999	ng		97
25) Isophorone	7.734	82	1444396	60.087	ng		100
26) 2-Nitrophenol	7.804	139	359513	61.112	ng		98
27) 2,4-Dimethylphenol	7.840	122	729069	60.325	ng		99
28) bis(2-Chloroethoxy)met...	7.939	93	896741	58.015	ng		100
29) 2,4-Dichlorophenol	8.045	162	636712	61.967	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	670104	57.949	ng		99
31) Naphthalene	8.216	128	2103149	56.052	ng		99
32) Benzoic acid	7.957	122	433085m	61.871	ng		
33) 4-Chloroaniline	8.257	127	963425m	63.039	ng		
34) Hexachlorobutadiene	8.328	225	401644	58.657	ng		100
35) Caprolactam	8.634	113	193098	64.619	ng		97
36) 4-Chloro-3-methylphenol	8.734	107	648747	60.738	ng		99
37) 2-Methylnaphthalene	8.904	142	1319794	56.607	ng		99
38) 1-Methylnaphthalene	9.004	142	1363474	56.109	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	650696	57.740	ng		99
41) Hexachlorocyclopentadiene	9.057	237	459147	65.925	ng		100
43) 2,4,6-Trichlorophenol	9.175	196	448837	63.143	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142301.D
Acq On : 05 May 2025 16:47
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: May 05 18:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	480305	63.505	ng		99
46) 1,1'-Biphenyl	9.369	154	1745424	56.417	ng		99
47) 2-Chloronaphthalene	9.392	162	1338338	58.169	ng		99
48) 2-Nitroaniline	9.486	65	407862	69.160	ng		95
49) Acenaphthylene	9.810	152	2215774	57.569	ng		99
50) Dimethylphthalate	9.669	163	1543896	59.587	ng		100
51) 2,6-Dinitrotoluene	9.728	165	330939	68.237	ng		96
52) Acenaphthene	9.981	154	1345347	58.133	ng		100
53) 3-Nitroaniline	9.898	138	385568	67.787	ng		98
54) 2,4-Dinitrophenol	9.998	184	149707	61.014	ng	#	25
55) Dibenzofuran	10.151	168	1947247	57.013	ng		98
56) 4-Nitrophenol	10.045	139	290245	67.801	ng		99
57) 2,4-Dinitrotoluene	10.128	165	430311	69.171	ng		98
58) Fluorene	10.498	166	1432119	54.944	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	398607	63.842	ng		98
60) Diethylphthalate	10.369	149	1515452	58.568	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	714047	56.782	ng		99
62) 4-Nitroaniline	10.510	138	265178	58.823	ng		100
63) Azobenzene	10.645	77	1434293	58.009	ng		100
65) 4,6-Dinitro-2-methylph...	10.533	198	199546	60.816	ng		96
66) n-Nitrosodiphenylamine	10.604	169	1330840	58.927	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	461892	60.048	ng		99
68) Hexachlorobenzene	11.039	284	504486	59.625	ng		100
69) Atrazine	11.128	200	376071	63.169	ng		100
70) Pentachlorophenol	11.233	266	304541	68.419	ng		98
71) Phenanthrene	11.457	178	2009150	56.475	ng		99
72) Anthracene	11.510	178	2082880	56.980	ng		100
73) Carbazole	11.663	167	1854181	56.538	ng		100
74) Di-n-butylphthalate	11.992	149	2073826	60.137	ng		100
75) Fluoranthene	12.645	202	1946773	54.742	ng		100
77) Benzidine	12.769	184	434063	66.599	ng		100
78) Pyrene	12.874	202	1954922	61.239	ng		100
80) Butylbenzylphthalate	13.492	149	591132	62.274	ng		99
81) Benzo(a)anthracene	14.063	228	1394561	60.043	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	347469	64.332	ng		99
83) Chrysene	14.098	228	1293807	59.838	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	769940	62.098	ng		99
85) Di-n-octyl phthalate	14.668	149	1414997	61.963	ng		99
87) Indeno(1,2,3-cd)pyrene	17.080	276	1749961	64.842	ng		100
88) Benzo(b)fluoranthene	15.127	252	1328806	56.551	ng		99
89) Benzo(k)fluoranthene	15.157	252	1296375	60.288	ng		99
90) Benzo(a)pyrene	15.504	252	1302088	61.838	ng		99
91) Dibenzo(a,h)anthracene	17.098	278	1424781	63.902	ng		99
92) Benzo(g,h,i)perylene	17.539	276	1426095	64.444	ng		99

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

ICAL Form

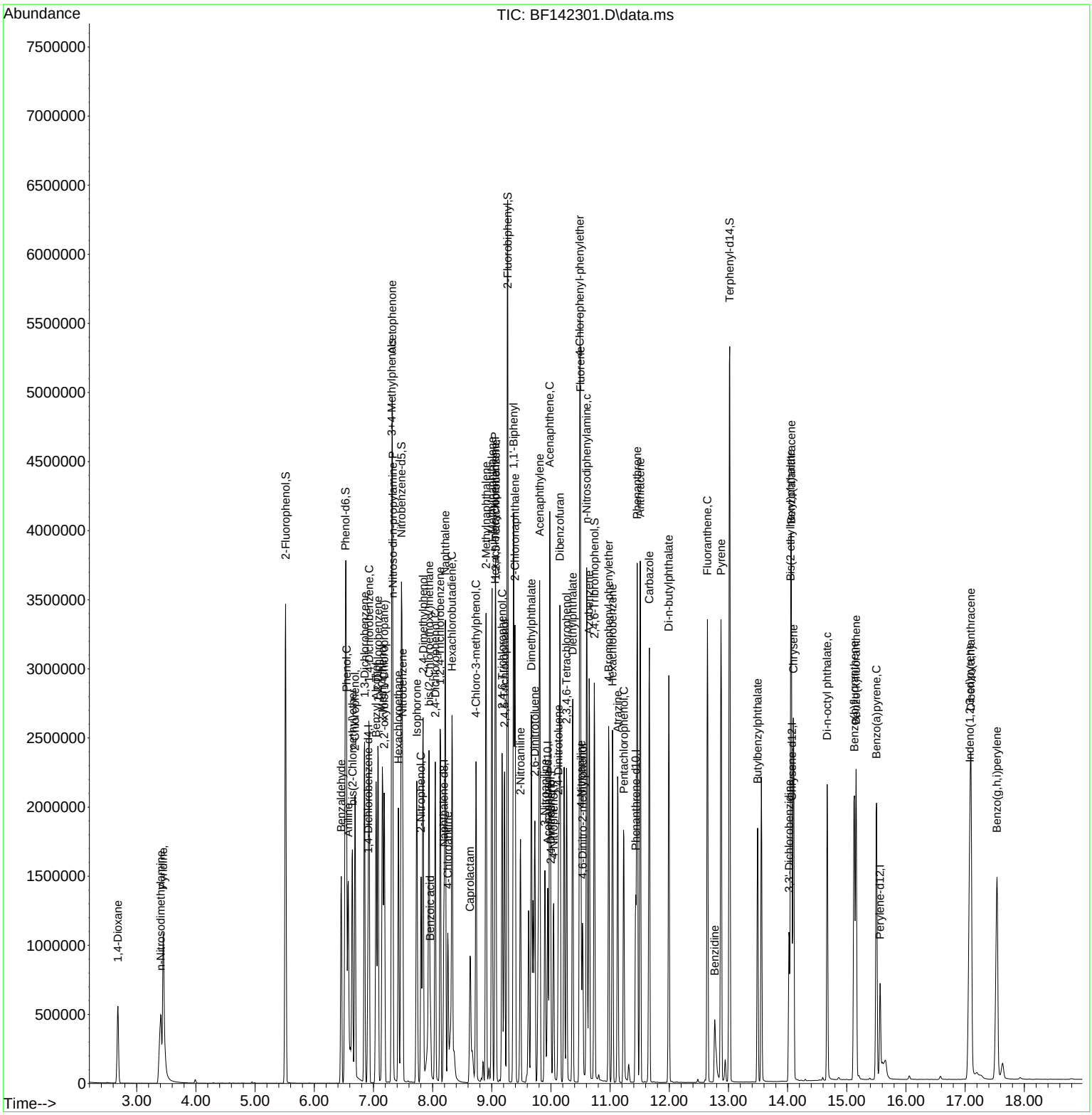
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Data File : BF142301.D
Acq On : 05 May 2025 16:47
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

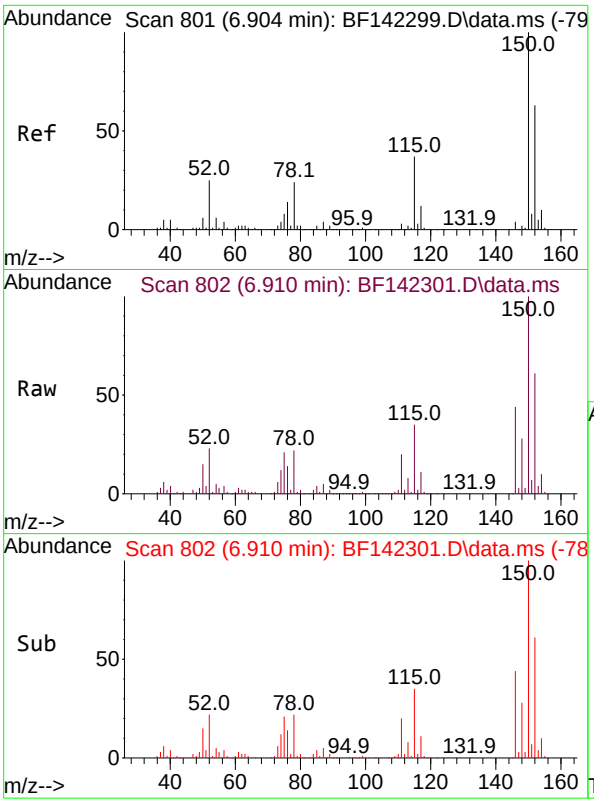
Quant Time: May 05 18:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

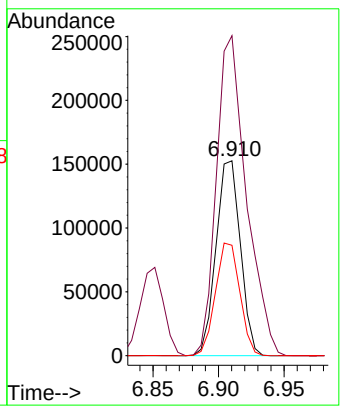




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:152 Resp: 19745

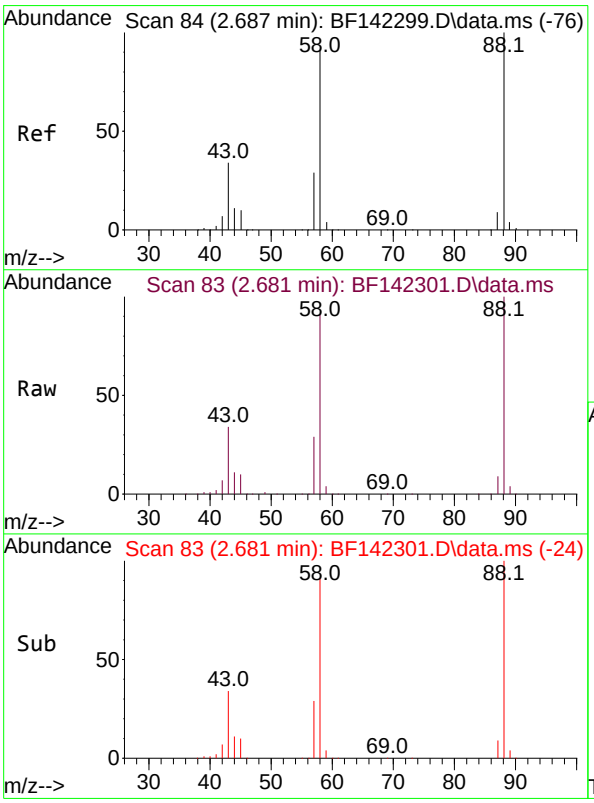
Ion	Ratio	Lower	Upper
152	100		
150	164.2	126.6	190.0
115	56.7	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

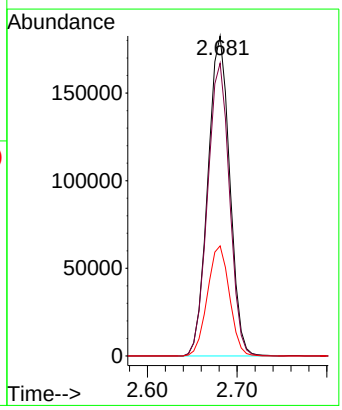
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

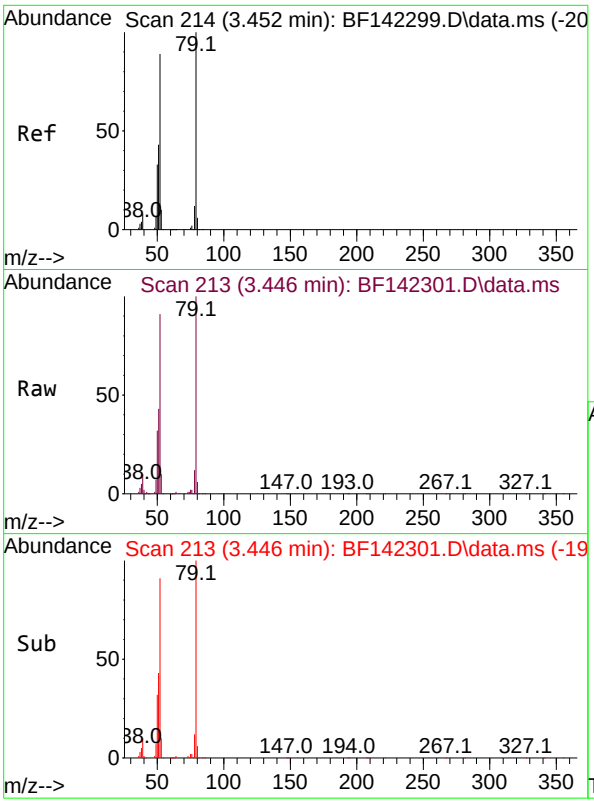


#2
1,4-Dioxane
Concen: 59.255 ng
RT: 2.681 min Scan# 83
Delta R.T. -0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 88 Resp: 308652

Ion	Ratio	Lower	Upper
88	100		
58	91.5	73.0	109.4
43	34.7	27.8	41.6

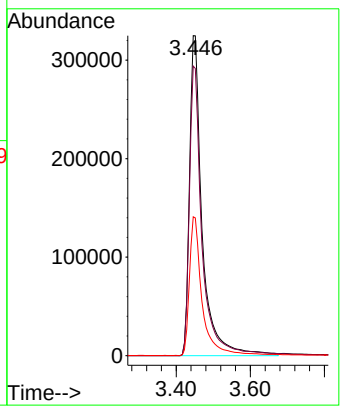




#3
Pyridine
Concen: 63.459 ng
RT: 3.446 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 79 Resp: 77725

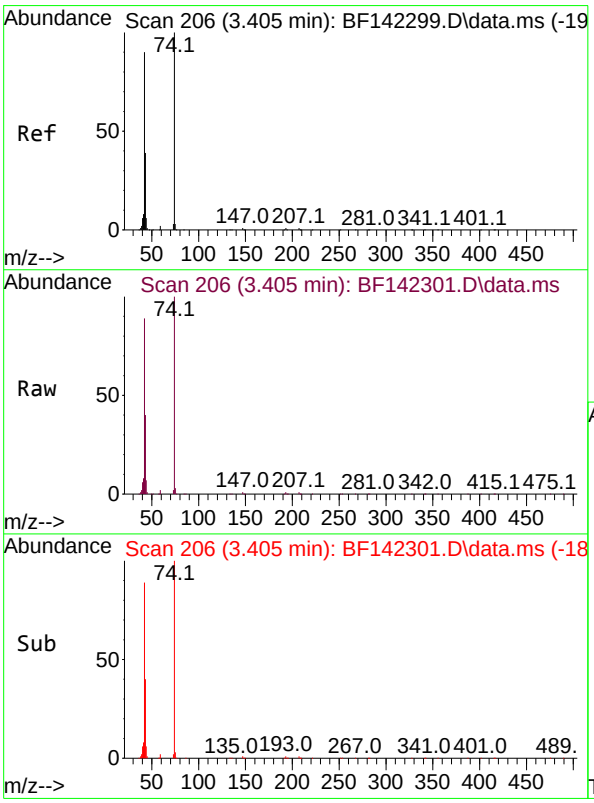
Ion	Ratio	Lower	Upper
79	100		
52	90.5	71.0	106.4
51	43.4	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

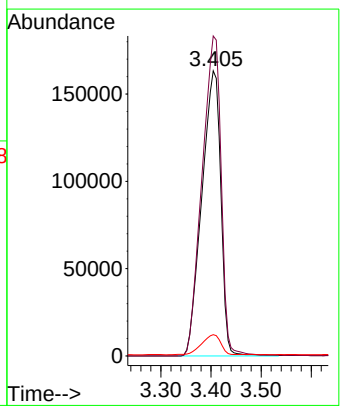
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

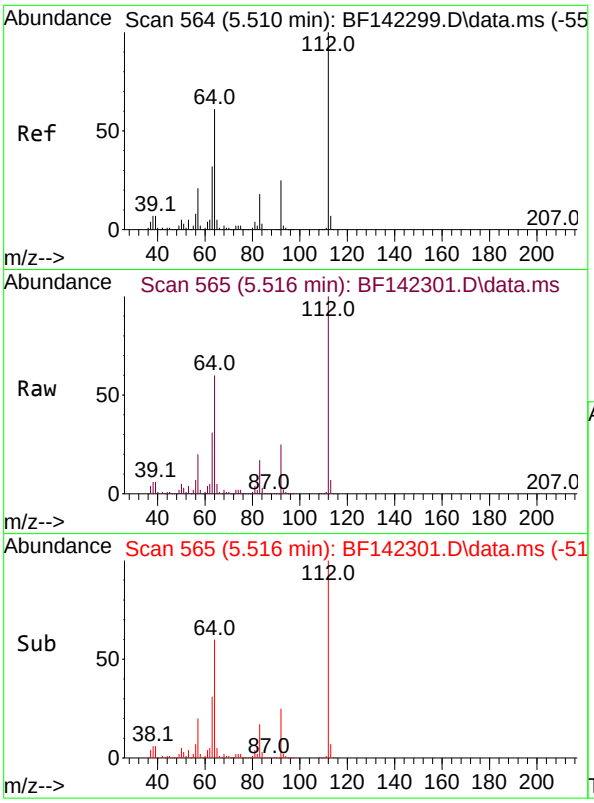


#4
n-Nitrosodimethylamine
Concen: 60.476 ng
RT: 3.405 min Scan# 206
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 42 Resp: 429842

Ion	Ratio	Lower	Upper
42	100		
74	112.2	88.5	132.7
44	7.4	5.8	8.8





#5
2-Fluorophenol
Concen: 119.365 ng
RT: 5.516 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

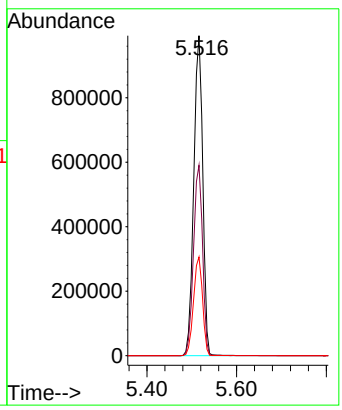
Tgt Ion:112 Resp: 138070

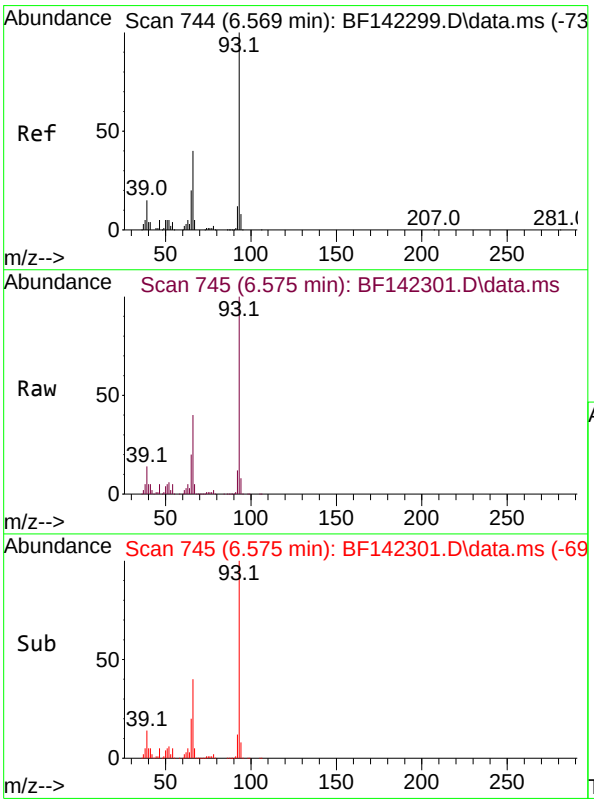
Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.9	73.3
63	30.8	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

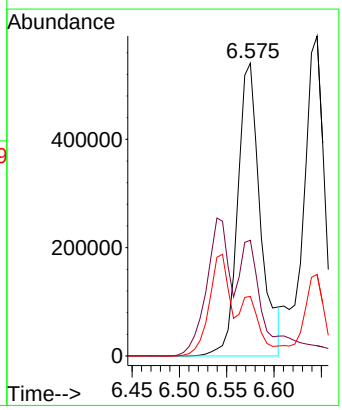


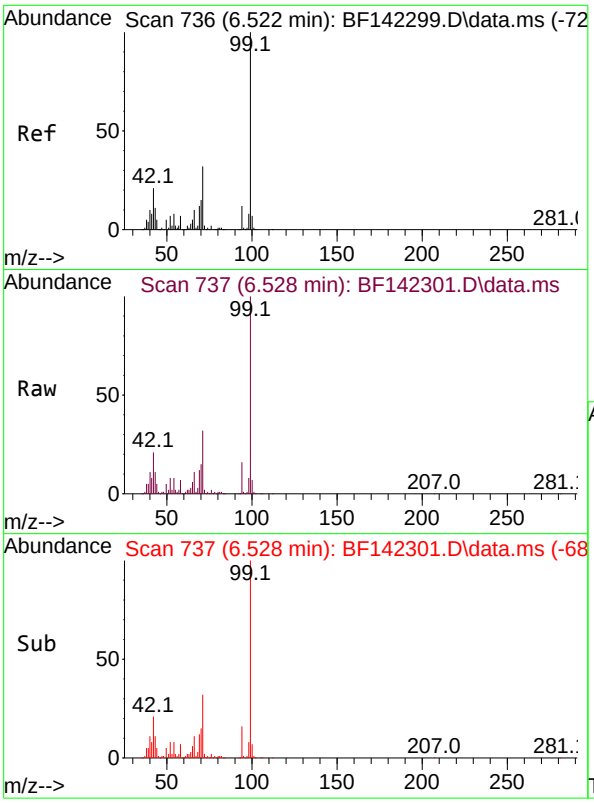


#6
Aniline
Concen: 64.503 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 93 Resp: 900100

Ion	Ratio	Lower	Upper
93	100		
66	39.5	32.2	48.4
65	20.3	16.3	24.5

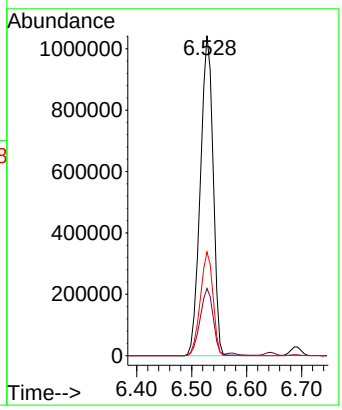




#7
Phenol-d6
Concen: 118.204 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 99 Resp: 168164

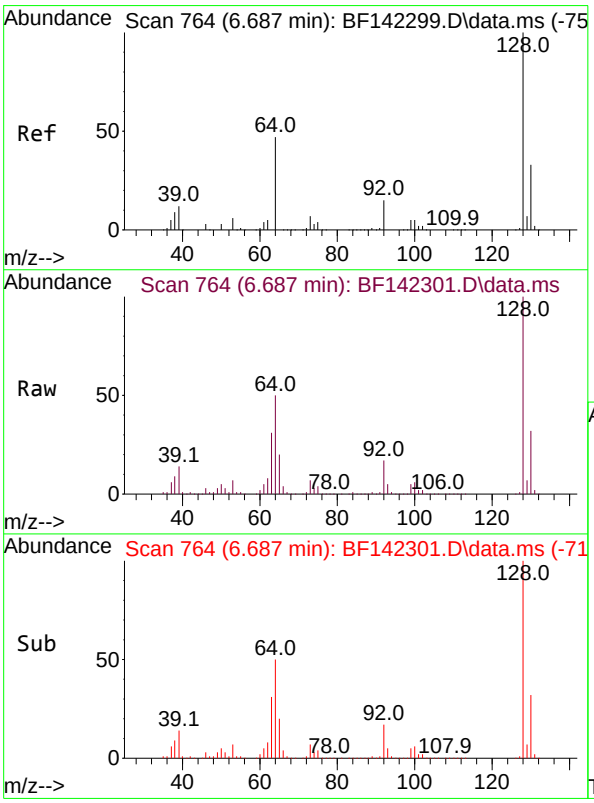
Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.4
71	32.5	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

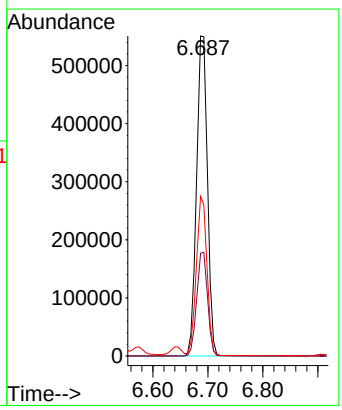
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

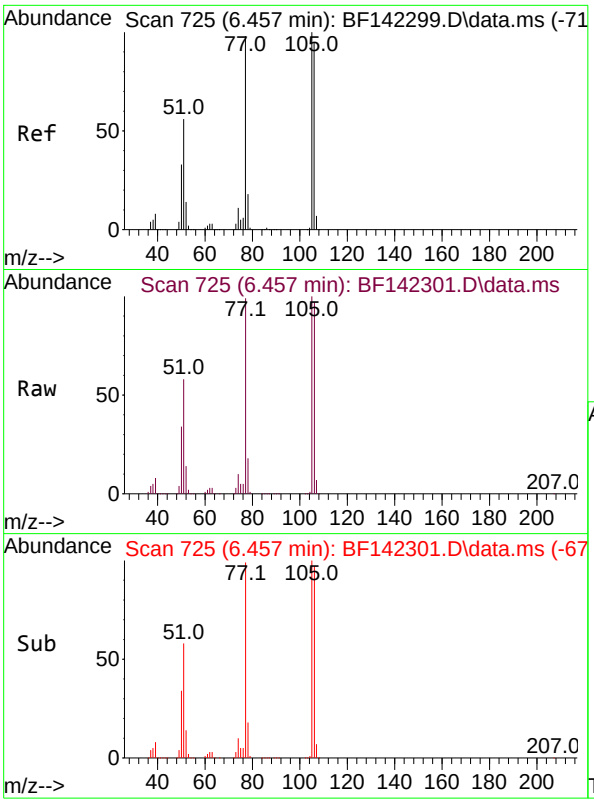


#8
2-Chlorophenol
Concen: 61.504 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:128 Resp: 760230

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.7	52.7
64	49.8	29.2	69.2

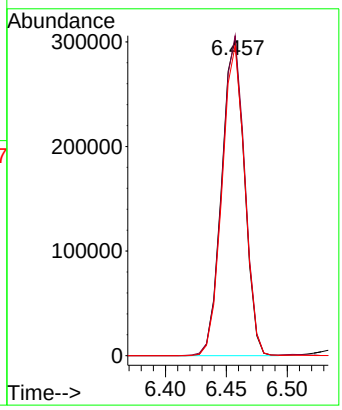




#9
Benzaldehyde
Concen: 47.164 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 77 Resp: 39271

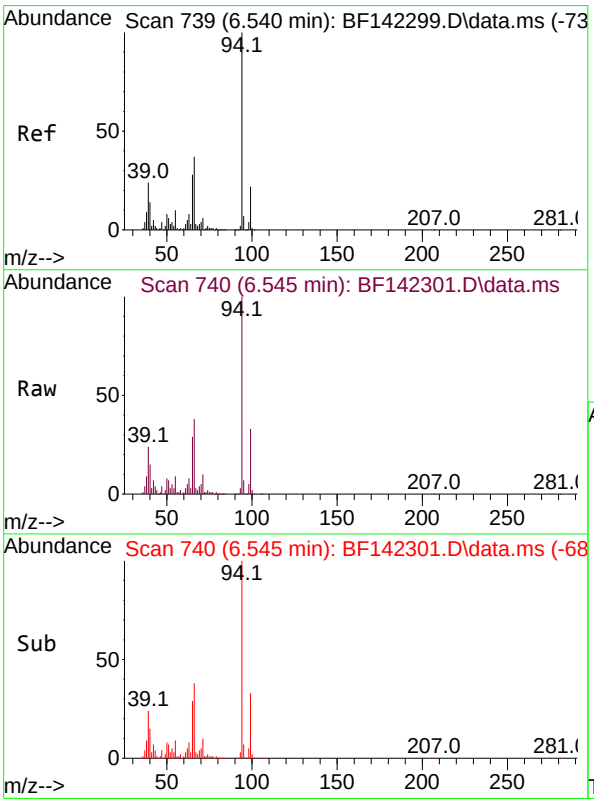
Ion	Ratio	Lower	Upper
77	100		
105	101.2	82.0	122.0
106	98.0	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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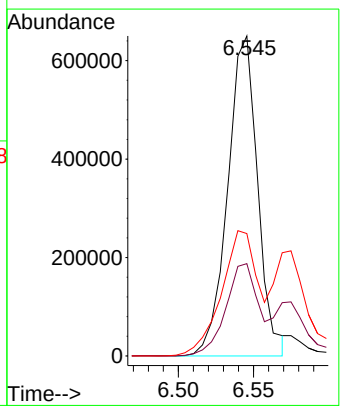
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

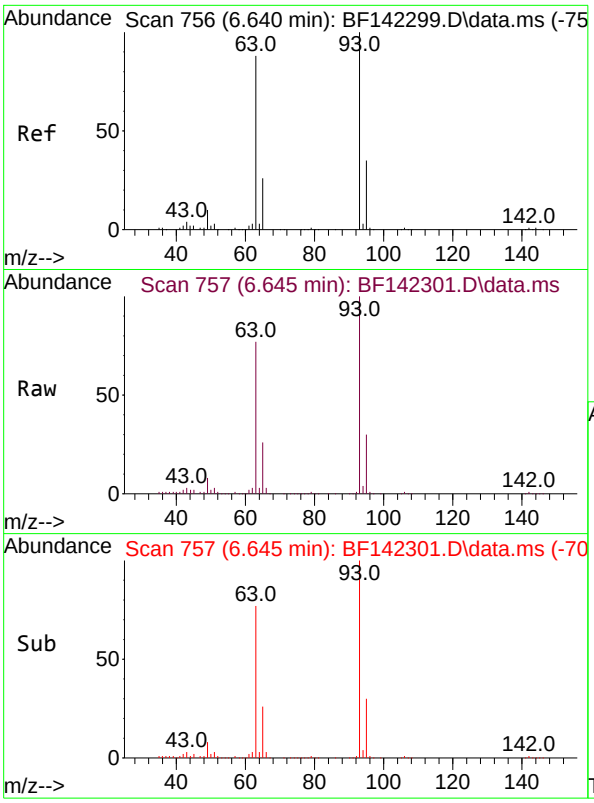


#10
Phenol
Concen: 59.871 ng m
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 94 Resp: 902878

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.5	48.5
66	38.3	17.3	57.3

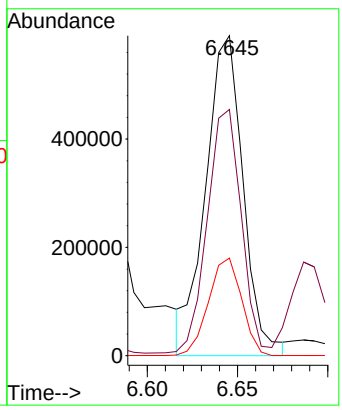




#11
bis(2-Chloroethyl)ether
Concen: 57.408 ng m
RT: 6.645 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 93 Resp: 85374

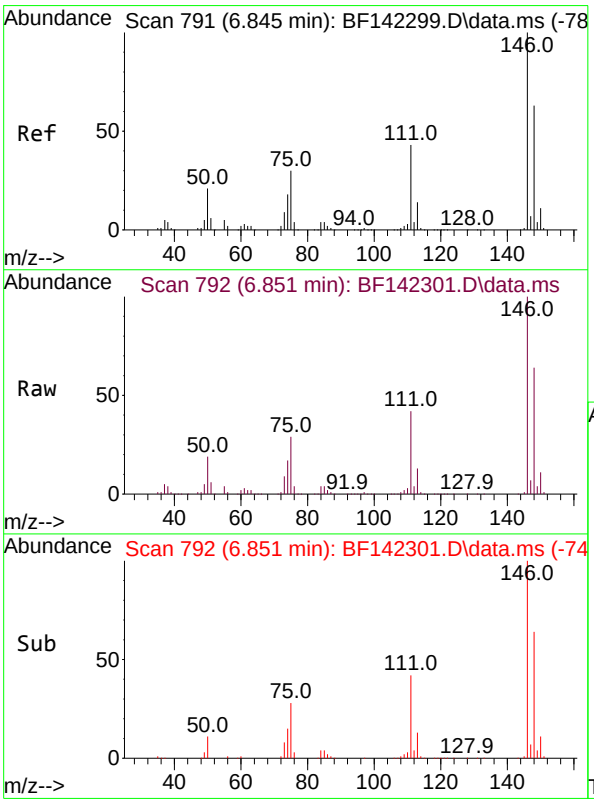
Ion	Ratio	Lower	Upper
93	100		
63	77.0	58.4	98.4
95	30.5	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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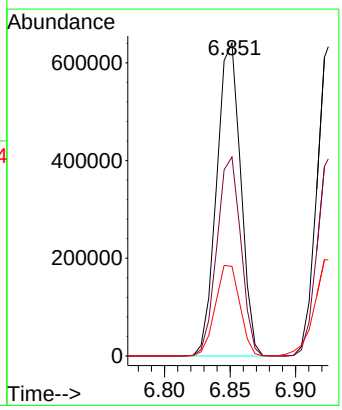
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

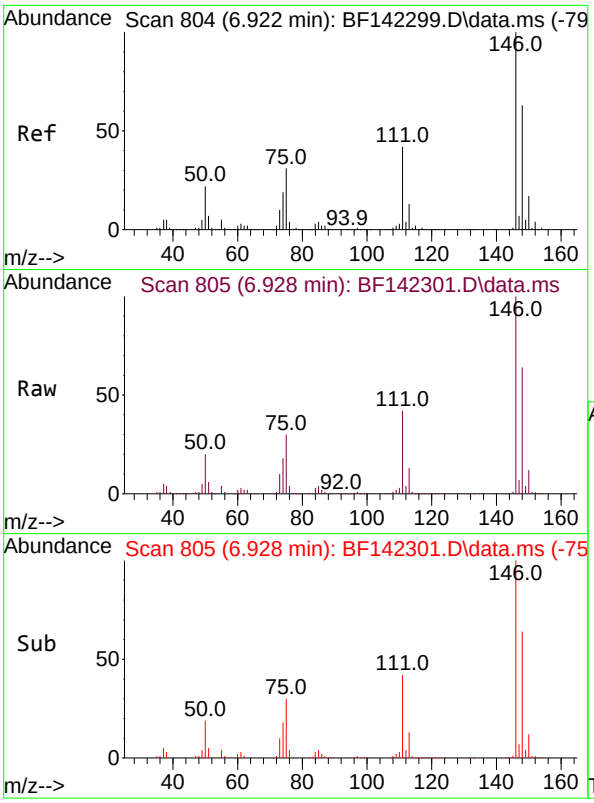


#12
1,3-Dichlorobenzene
Concen: 57.752 ng
RT: 6.851 min Scan# 792
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:146 Resp: 816681

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	76.0
75	28.6	24.2	36.4

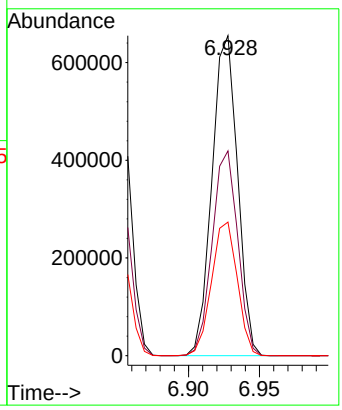




#13
1,4-Dichlorobenzene
Concen: 57.814 ng
RT: 6.928 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:146 Resp: 82088

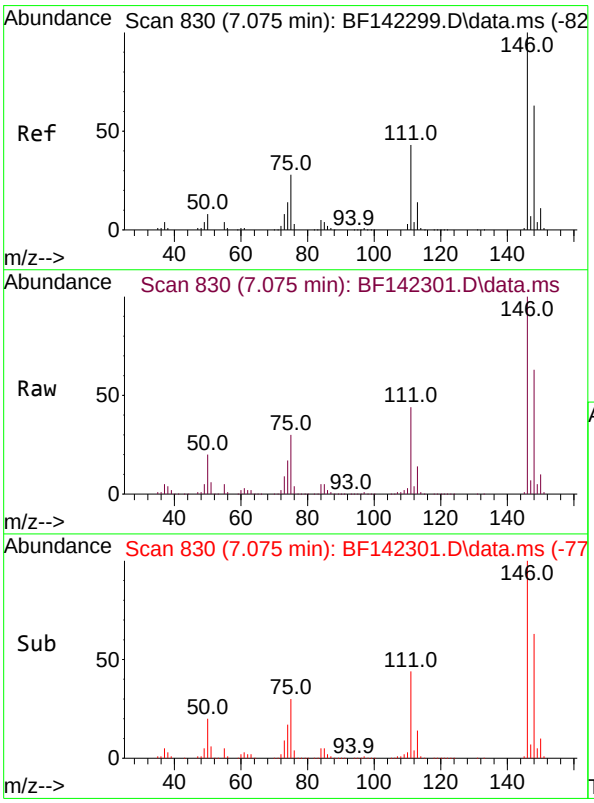
Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.5	75.7
111	41.8	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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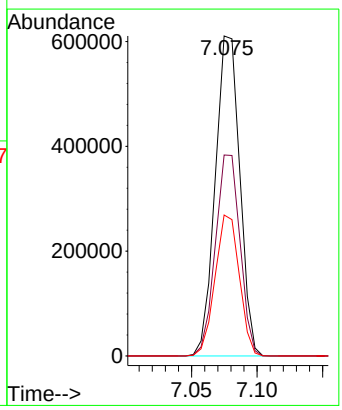
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

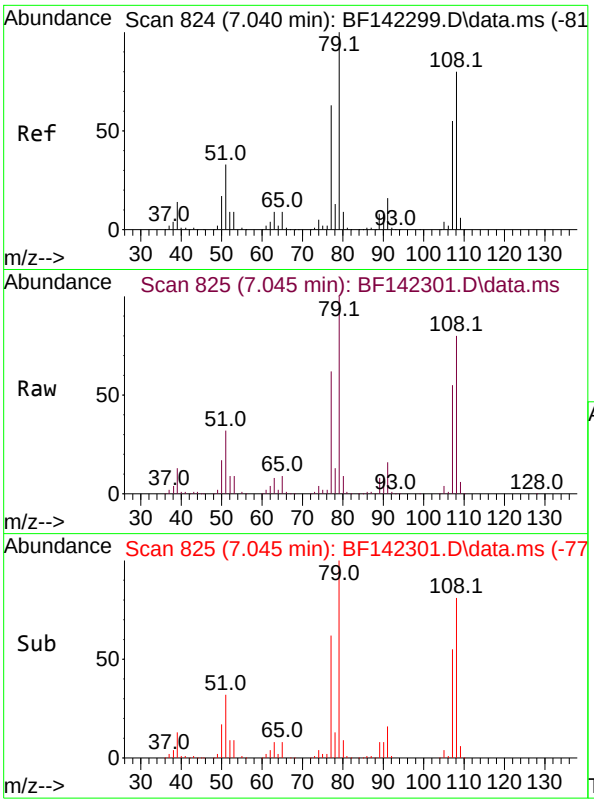


#14
1,2-Dichlorobenzene
Concen: 58.260 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:146 Resp: 794010

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.3	75.5
111	44.1	34.5	51.7





#15
Benzyl Alcohol
Concen: 64.809 ng
RT: 7.045 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

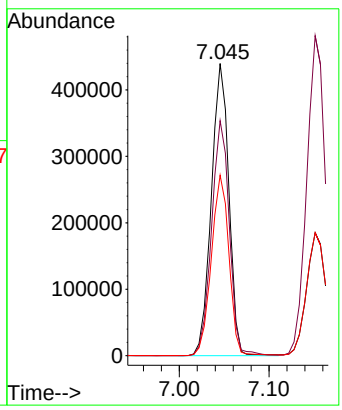
Tgt Ion: 79 Resp: 59703

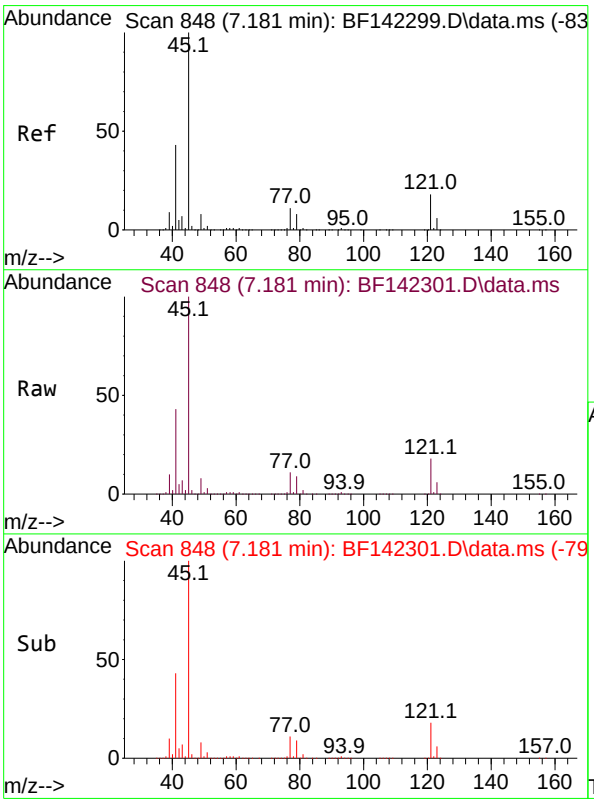
Ion	Ratio	Lower	Upper
79	100		
108	80.5	63.9	95.9
77	61.8	50.7	76.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

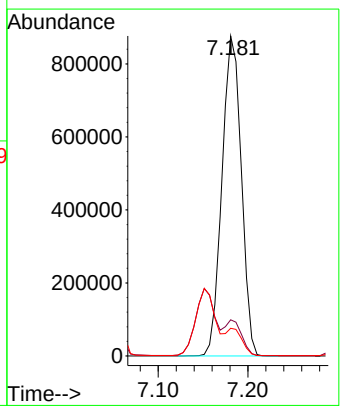


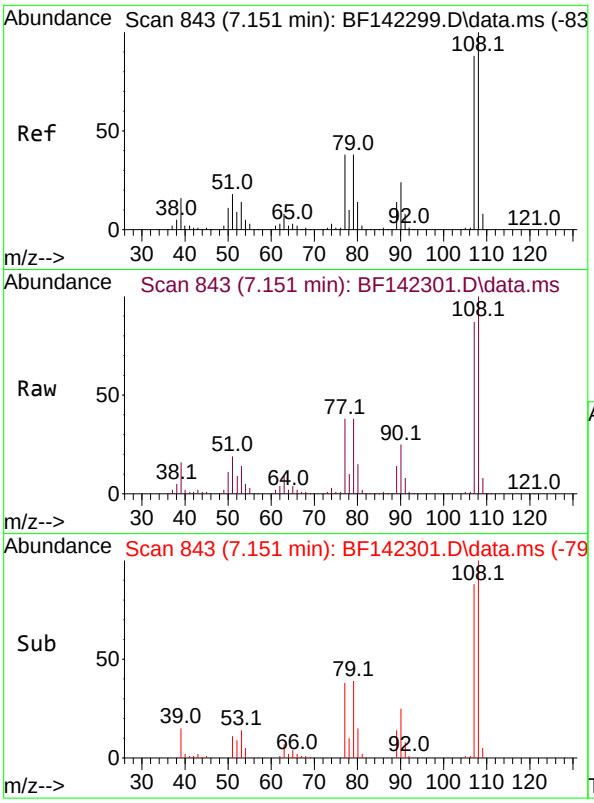


#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.989 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 45 Resp: 1310008

Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	31.2
79	8.7	0.0	28.5

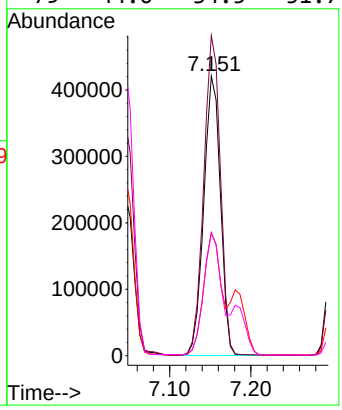




#17
2-Methylphenol
Concen: 59.949 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:107 Resp: 59992

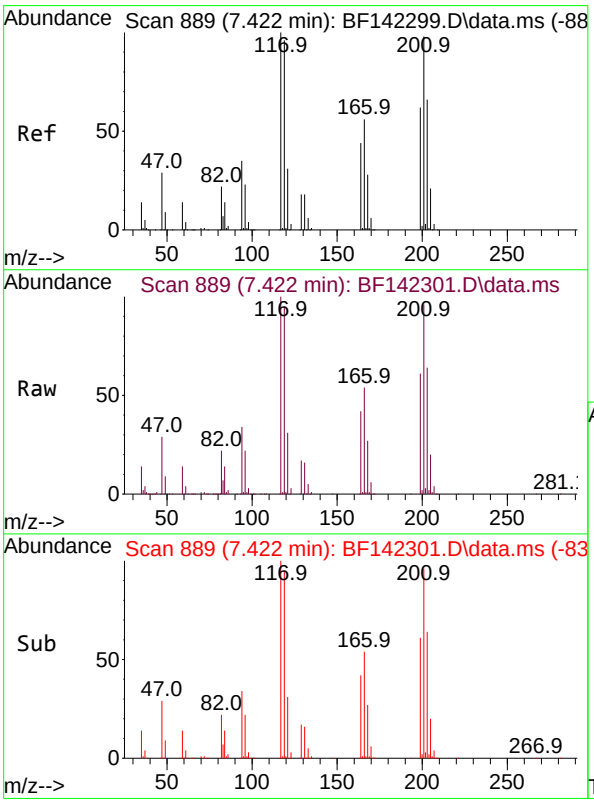
Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.1	136.7
77	44.0	34.7	52.1
79	44.0	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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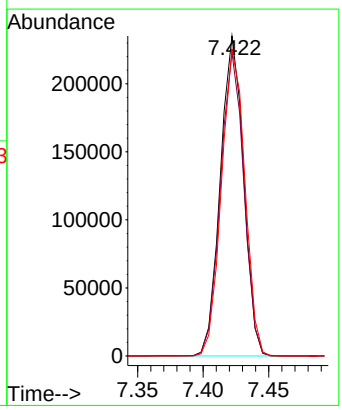
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

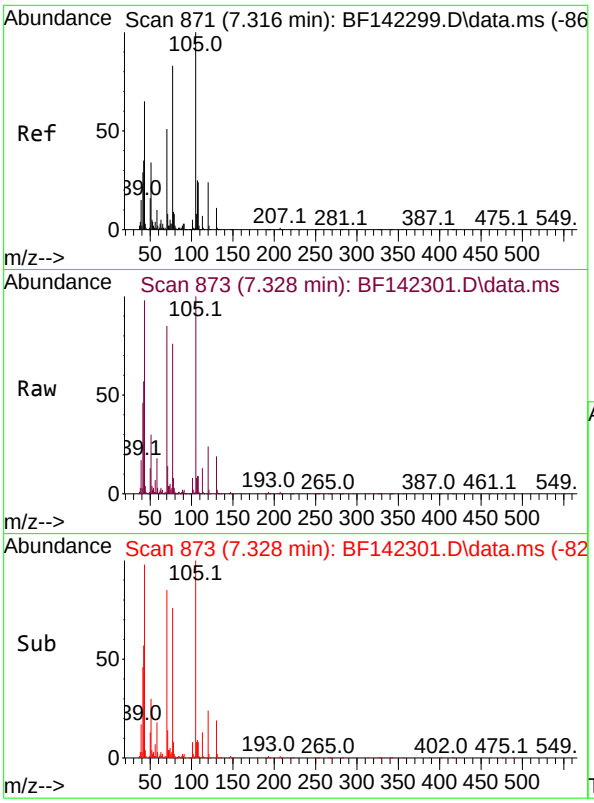


#18
Hexachloroethane
Concen: 61.032 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:117 Resp: 288326

Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.9	115.3
201	95.9	78.0	117.0

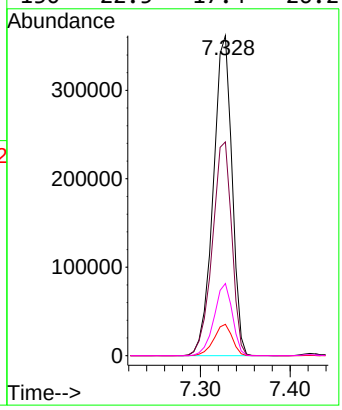




#19
n-Nitroso-di-n-propylamine
Concen: 59.543 ng
RT: 7.328 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 70 Resp: 52398

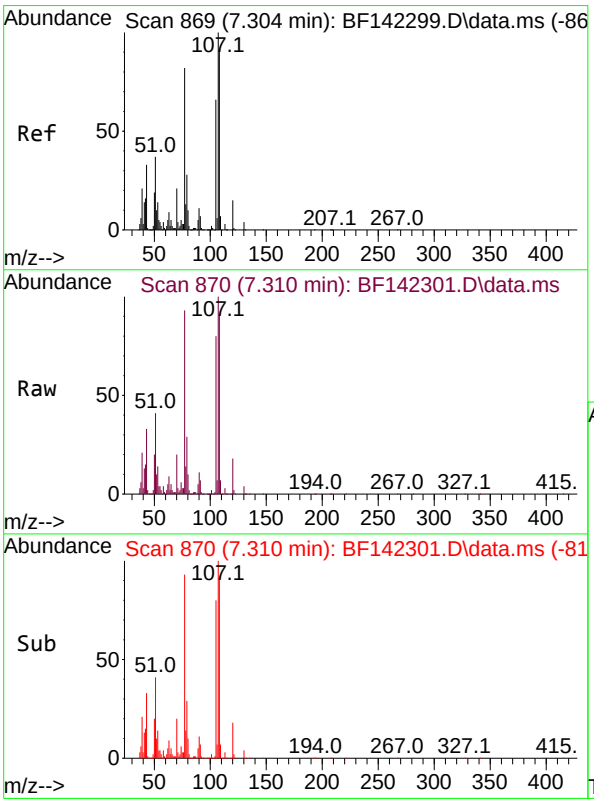
Ion	Ratio	Lower	Upper
70	100		
42	66.8	54.8	82.2
101	9.8	7.7	11.5
130	22.5	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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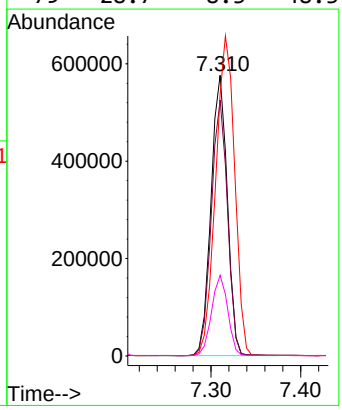
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

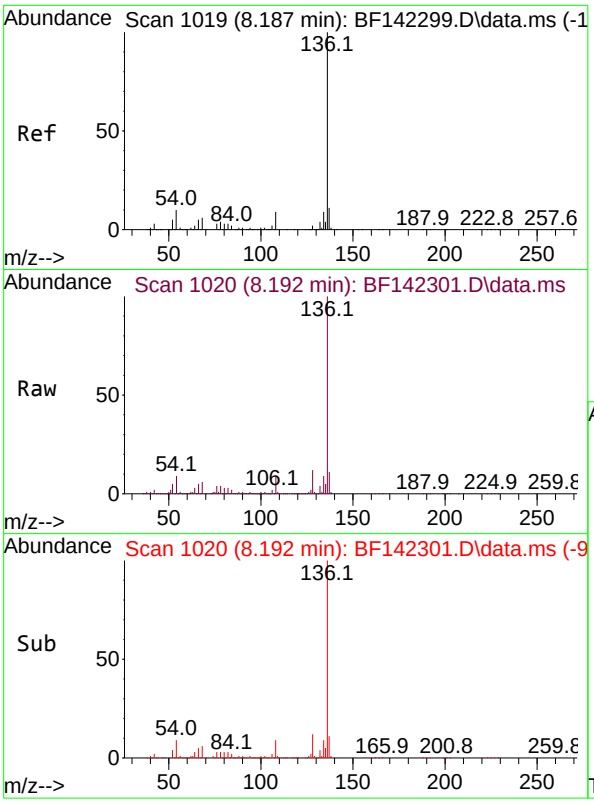


#20
3+4-Methylphenols
Concen: 58.165 ng
RT: 7.310 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:107 Resp: 726451

Ion	Ratio	Lower	Upper
107	100		
108	91.2	71.5	111.5
77	93.3	61.6	101.6
79	28.7	8.3	48.3

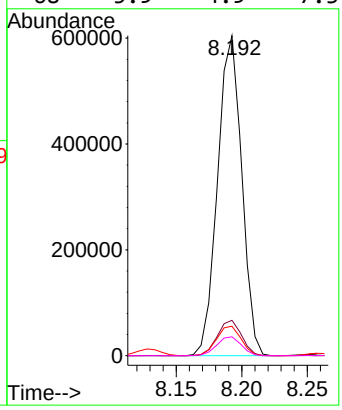




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:136 Resp: 77418

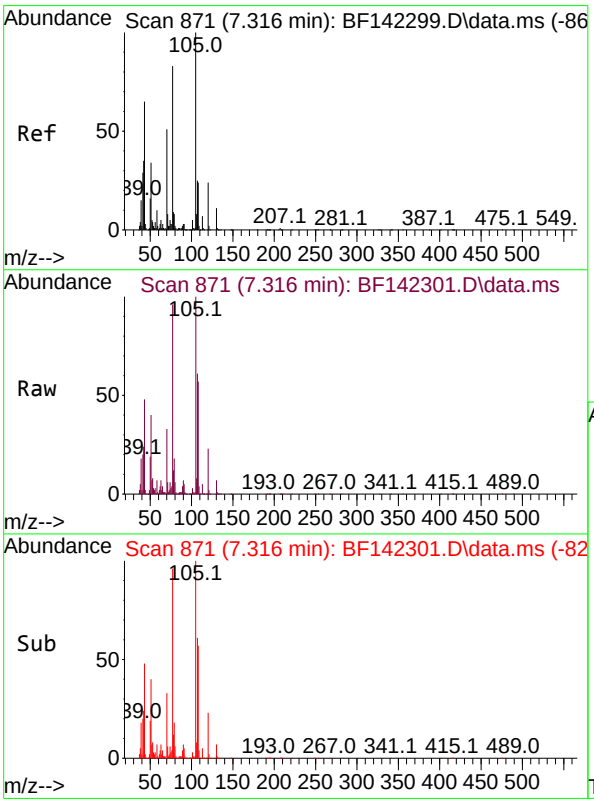
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.2	7.7	11.5
68	5.9	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

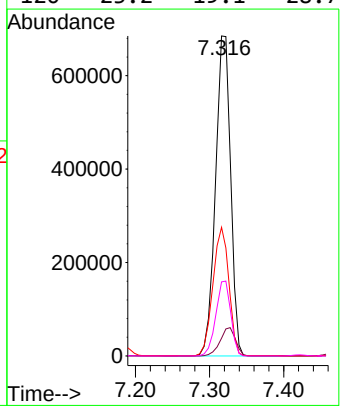
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

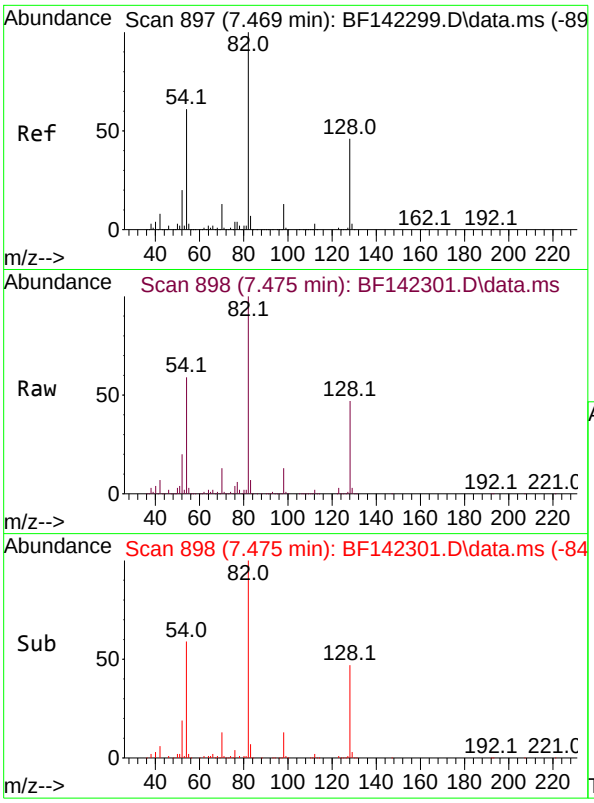


#22
Acetophenone
Concen: 56.476 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:105 Resp: 972165

Ion	Ratio	Lower	Upper
105	100		
71	5.5	6.7	10.1#
51	40.2	27.6	41.4
120	23.2	19.1	28.7

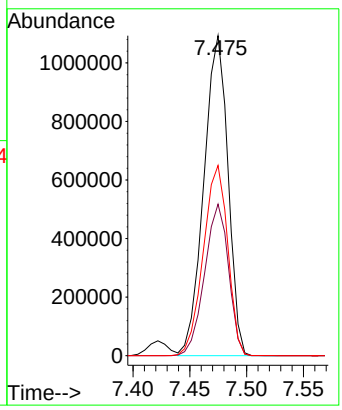




#23
Nitrobenzene-d5
Concen: 127.189 ng
RT: 7.475 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 82 Resp: 161455

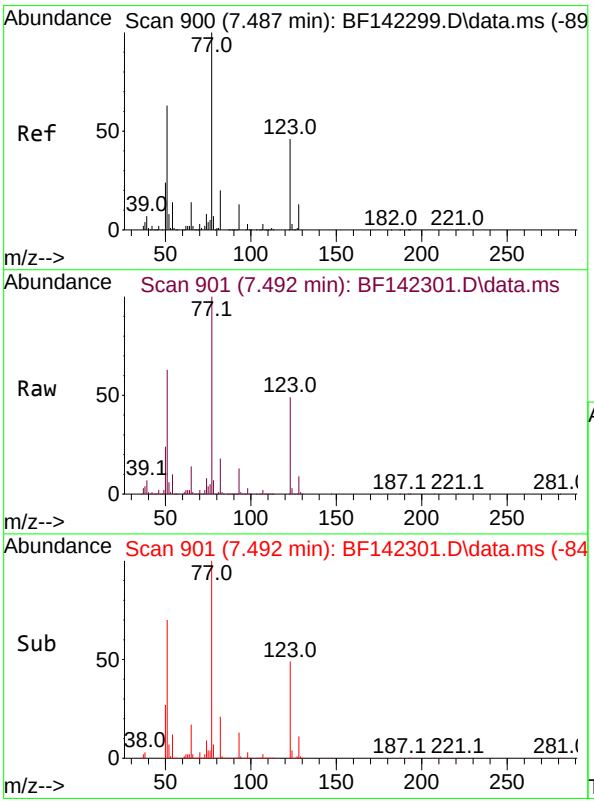
Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.0	55.6
54	59.4	48.6	73.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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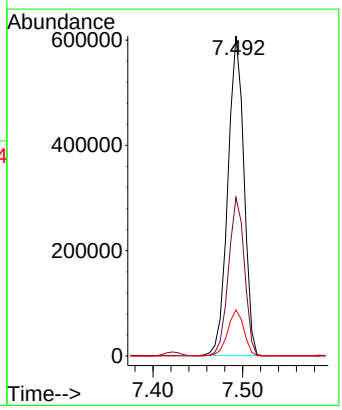
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

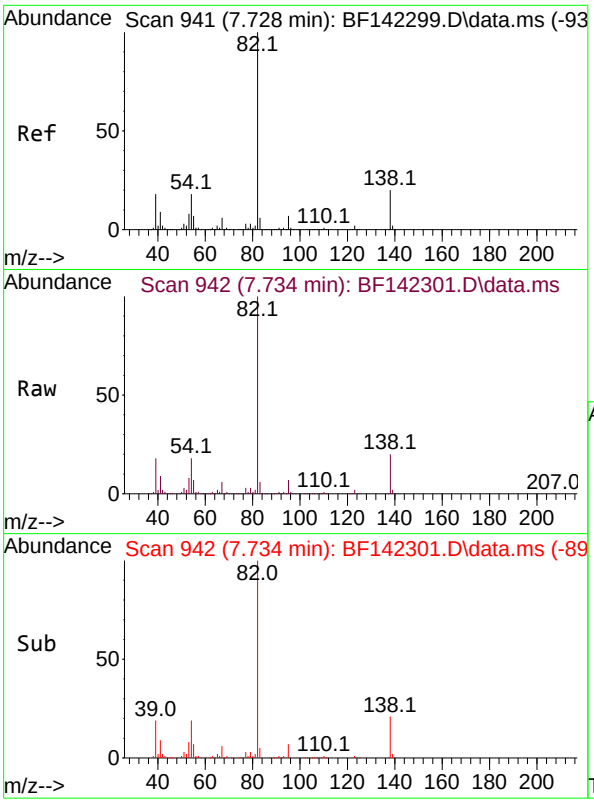


#24
Nitrobenzene
Concen: 62.999 ng
RT: 7.492 min Scan# 901
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 77 Resp: 753847

Ion	Ratio	Lower	Upper
77	100		
123	49.5	37.8	56.8
65	14.4	11.4	17.0

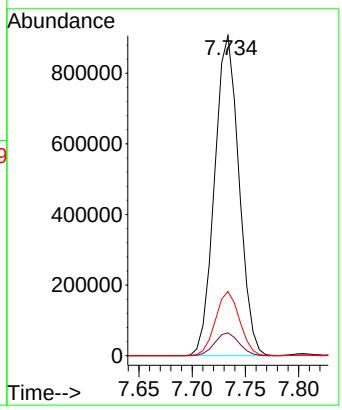




#25
Isophorone
Concen: 60.087 ng
RT: 7.734 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 82 Resp: 144439

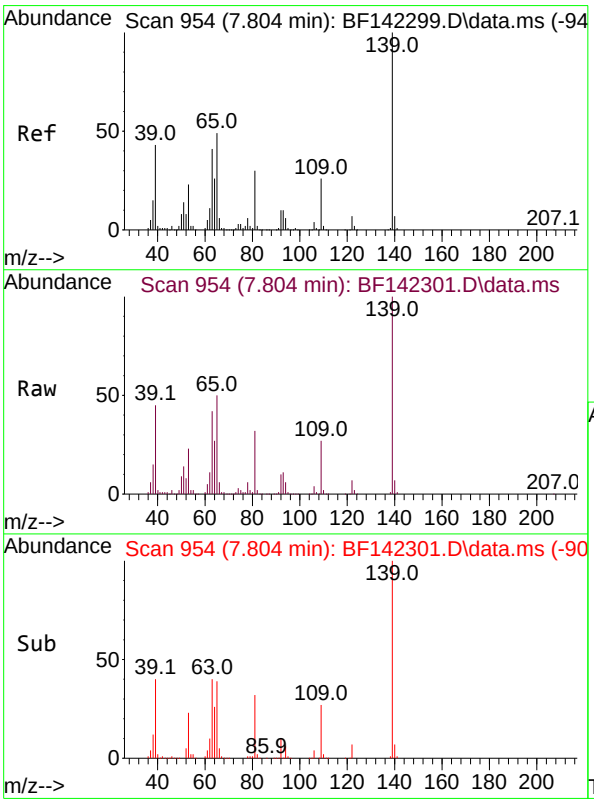
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.8
138	20.1	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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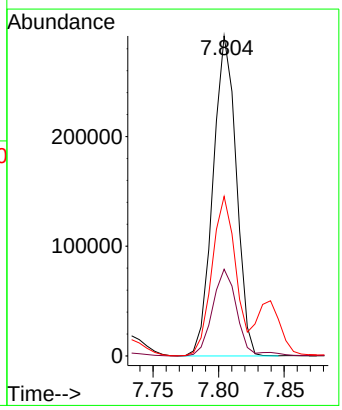
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

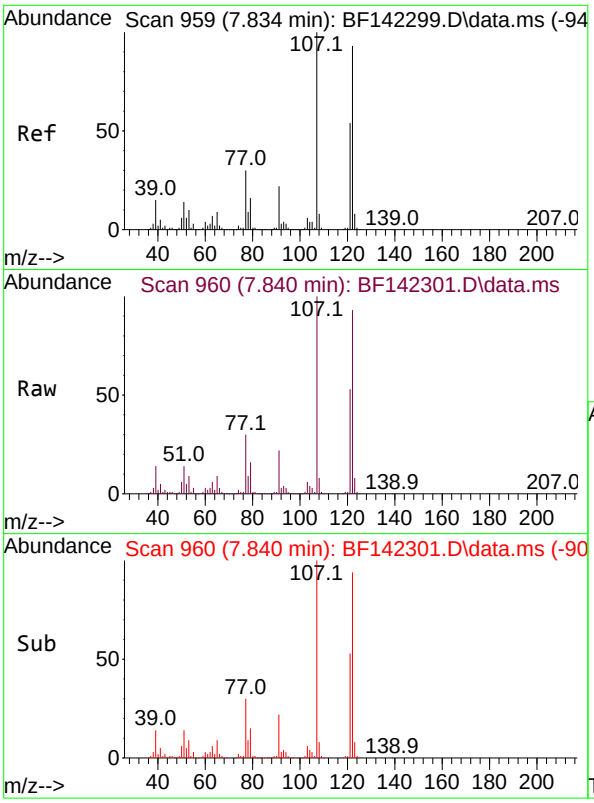


#26
2-Nitrophenol
Concen: 61.112 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:139 Resp: 359513

Ion	Ratio	Lower	Upper
139	100		
109	27.1	20.8	31.2
65	49.9	38.9	58.3

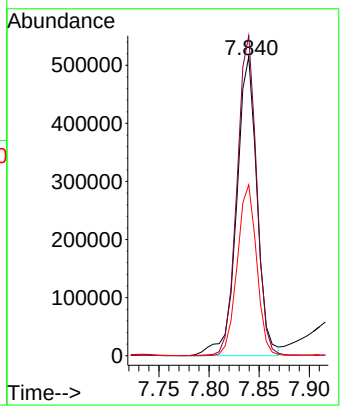




#27
2,4-Dimethylphenol
Concen: 60.325 ng
RT: 7.840 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:122 Resp: 72906

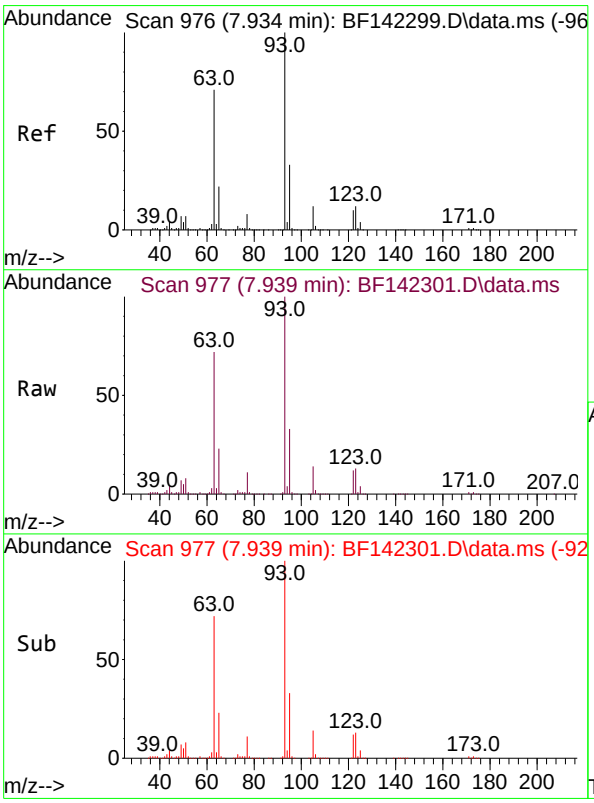
Ion	Ratio	Lower	Upper
122	100		
107	107.0	86.0	129.0
121	57.2	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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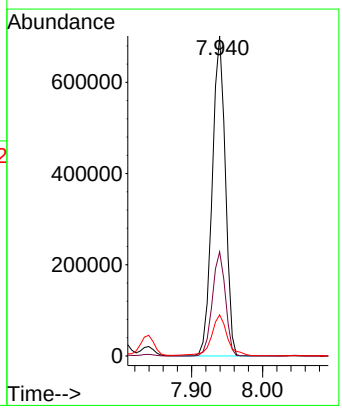
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

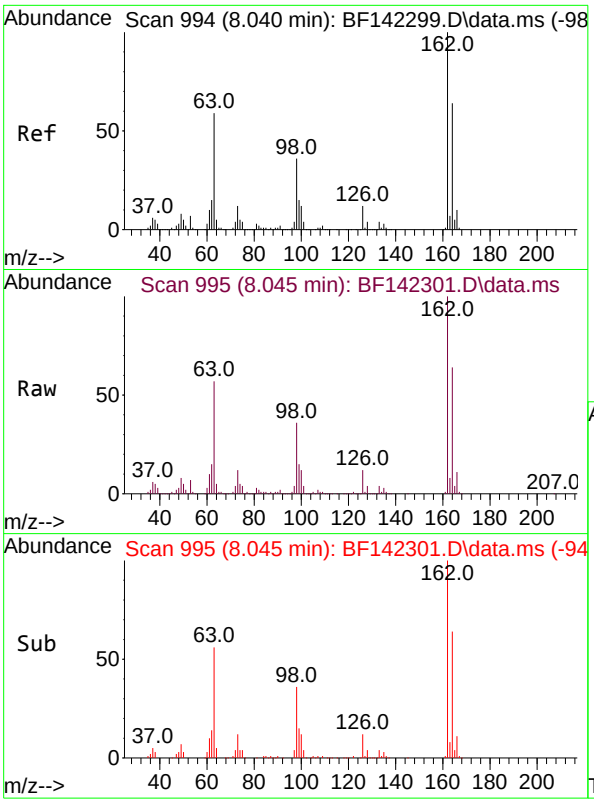


#28
bis(2-Chloroethoxy)methane
Concen: 58.015 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 93 Resp: 896741

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	12.8	10.2	15.4





#29
2,4-Dichlorophenol
Concen: 61.967 ng
RT: 8.045 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

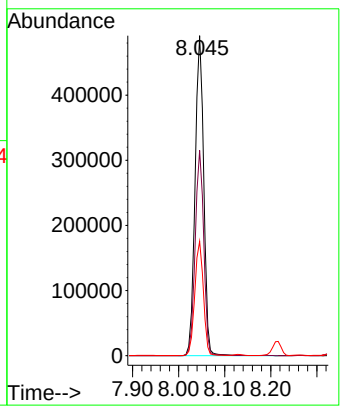
Tgt Ion:162 Resp: 63671

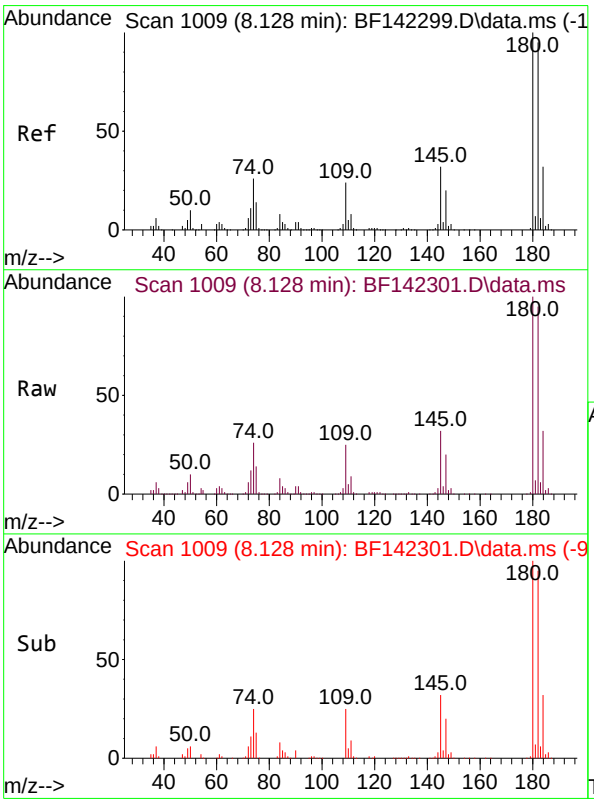
Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.6	83.6
98	35.7	16.5	56.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

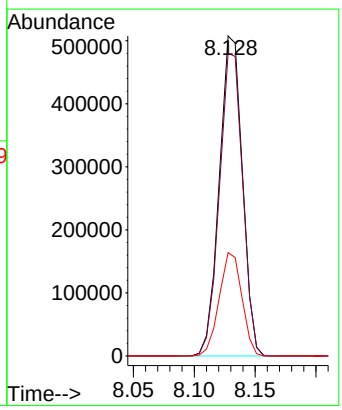


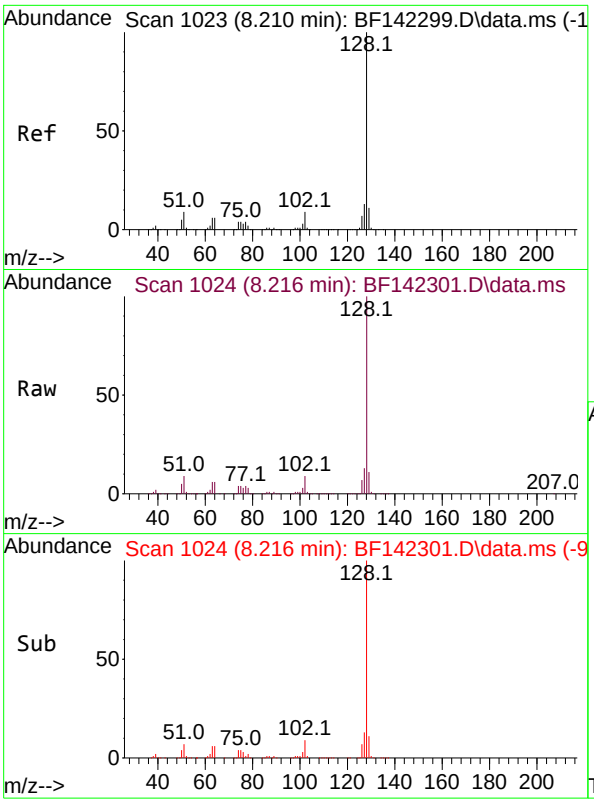


#30
1,2,4-Trichlorobenzene
Concen: 57.949 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:180 Resp: 670104

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.2	114.4
145	32.3	25.8	38.6





#31
Naphthalene
Concen: 56.052 ng
RT: 8.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

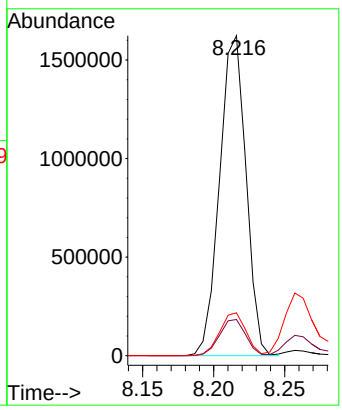
Tgt Ion:128 Resp: 210314

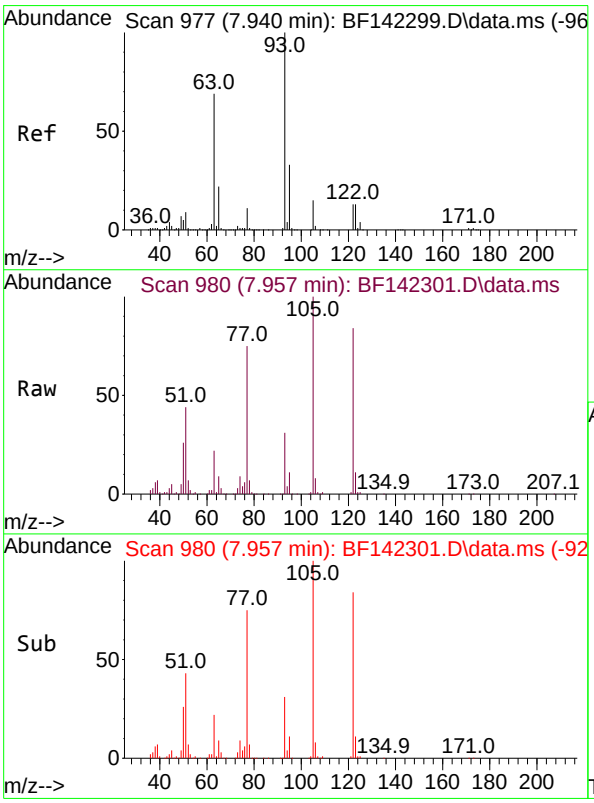
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.4	10.5	15.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

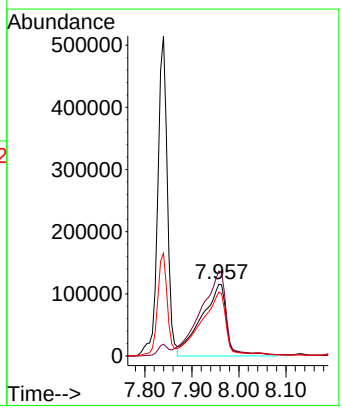


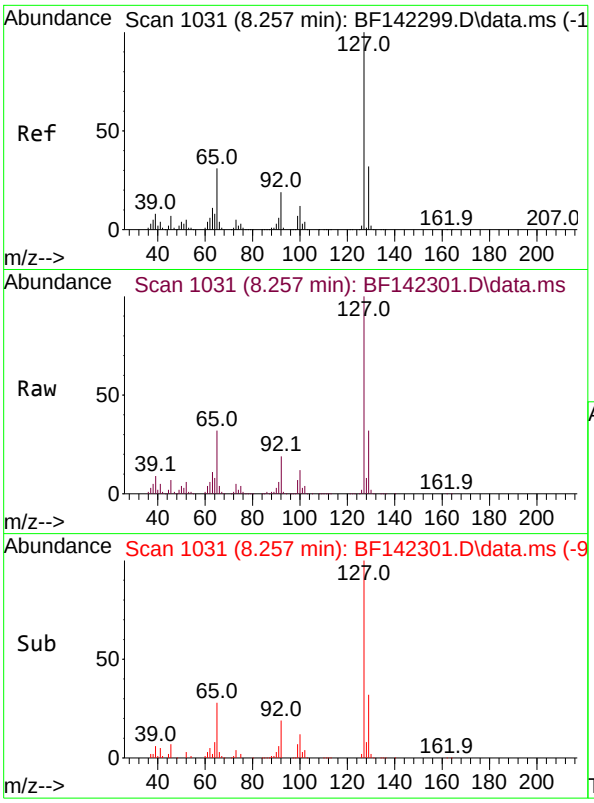


#32
Benzoic acid
Concen: 61.871 ng m
RT: 7.957 min Scan# 980
Delta R.T. 0.017 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:122 Resp: 433085

Ion	Ratio	Lower	Upper
122	100		
105	118.7	97.9	137.9
77	89.0	67.7	107.7

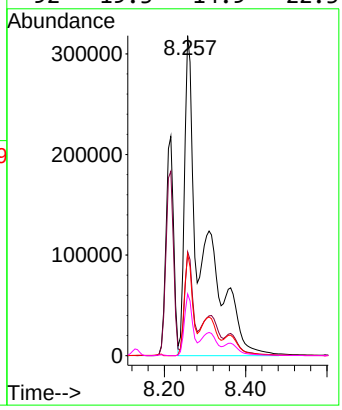




#33
4-Chloroaniline
Concen: 63.039 ng m
RT: 8.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:127 Resp: 96342

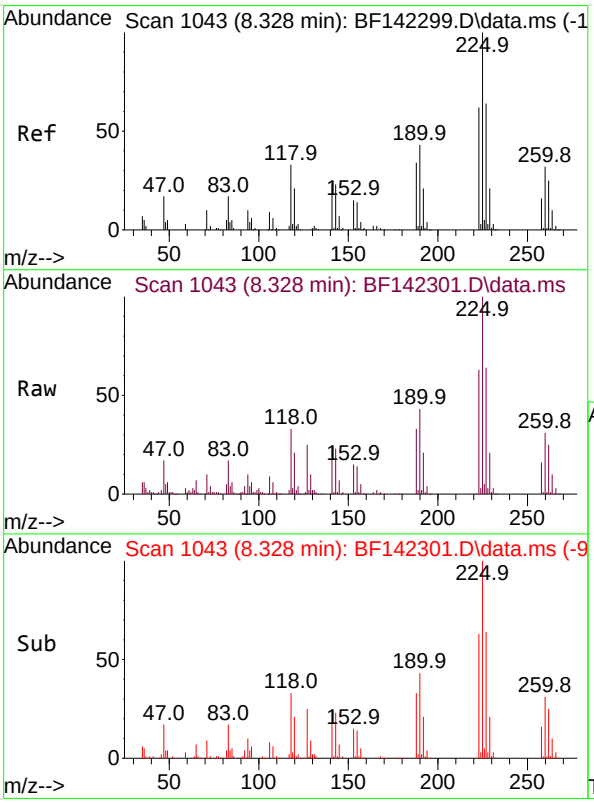
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	31.7	24.9	37.3
92	19.3	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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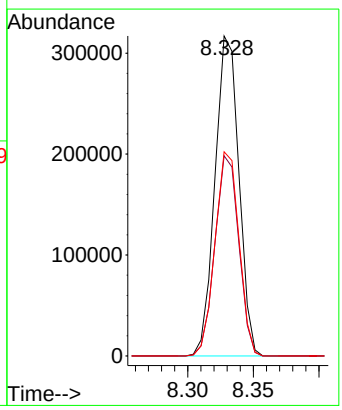
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

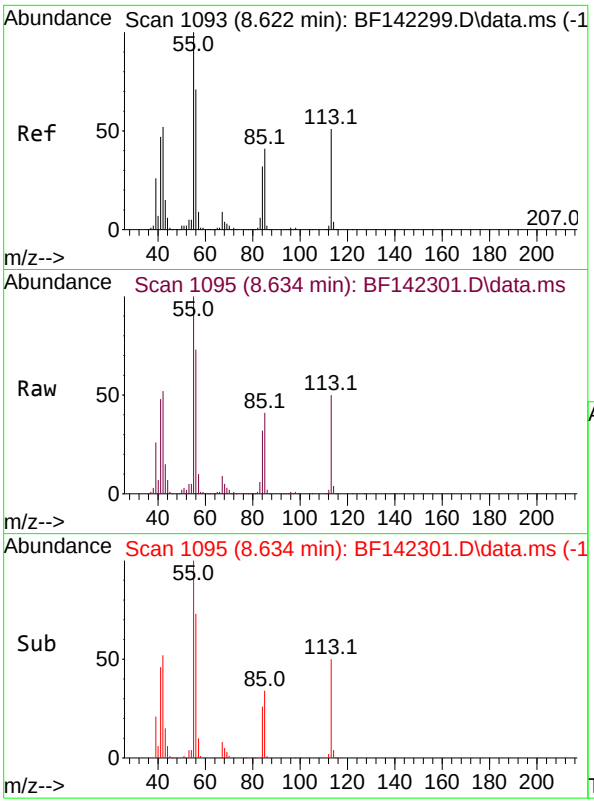


#34
Hexachlorobutadiene
Concen: 58.657 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:225 Resp: 401644

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	63.8	50.9	76.3

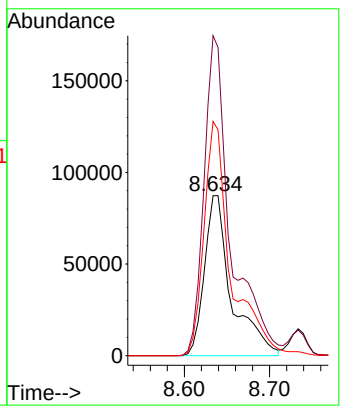




#35
Caprolactam
Concen: 64.619 ng
RT: 8.634 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:113 Resp: 19309

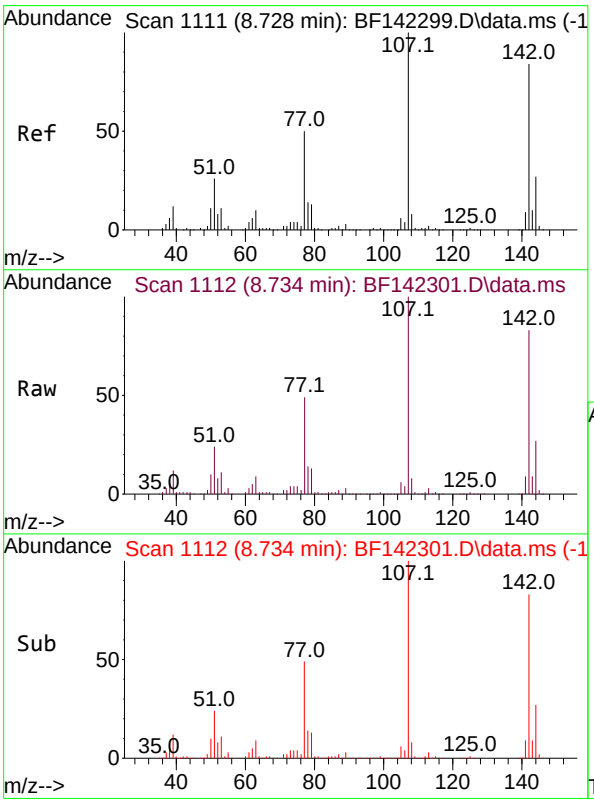
Ion	Ratio	Lower	Upper
113	100		
55	200.0	176.4	216.4
56	146.4	120.3	160.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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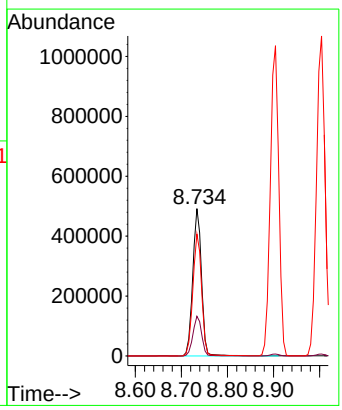
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

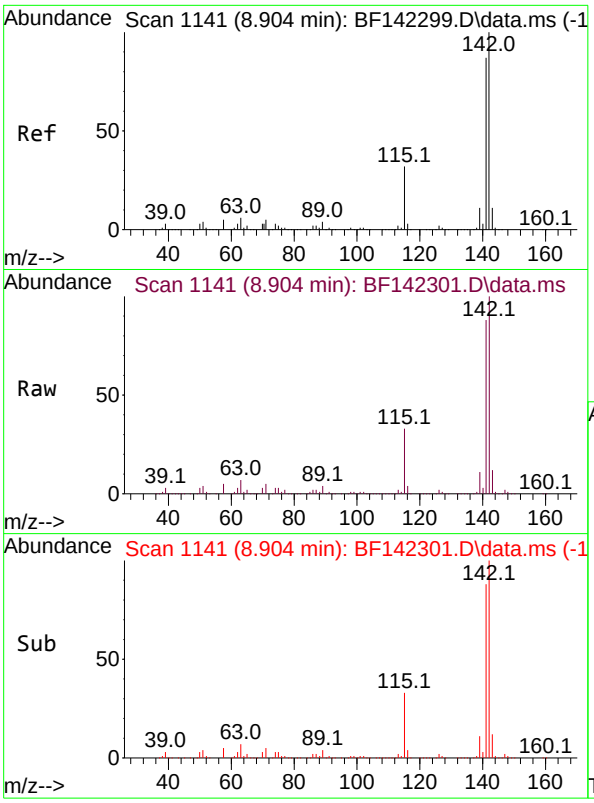


#36
4-Chloro-3-methylphenol
Concen: 60.738 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:107 Resp: 648747

Ion	Ratio	Lower	Upper
107	100		
144	26.9	21.3	31.9
142	82.8	66.9	100.3





#37
2-Methylnaphthalene
Concen: 56.607 ng
RT: 8.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

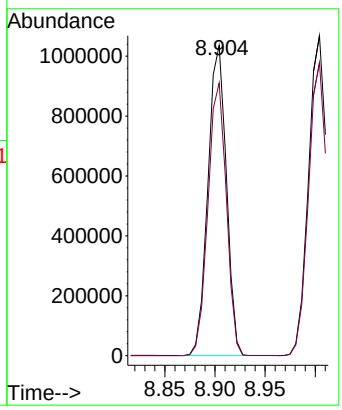
Tgt Ion:142 Resp: 131979

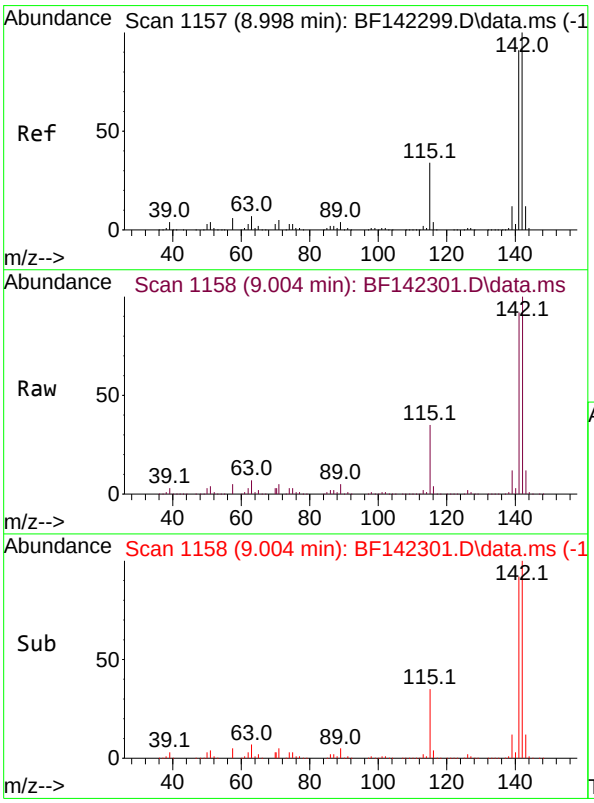
Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.4	104.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

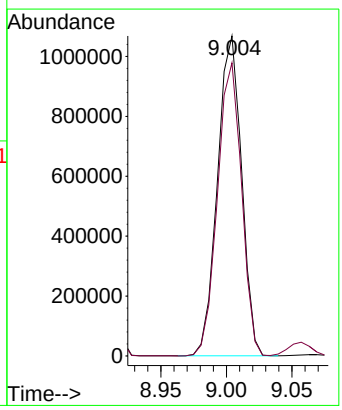


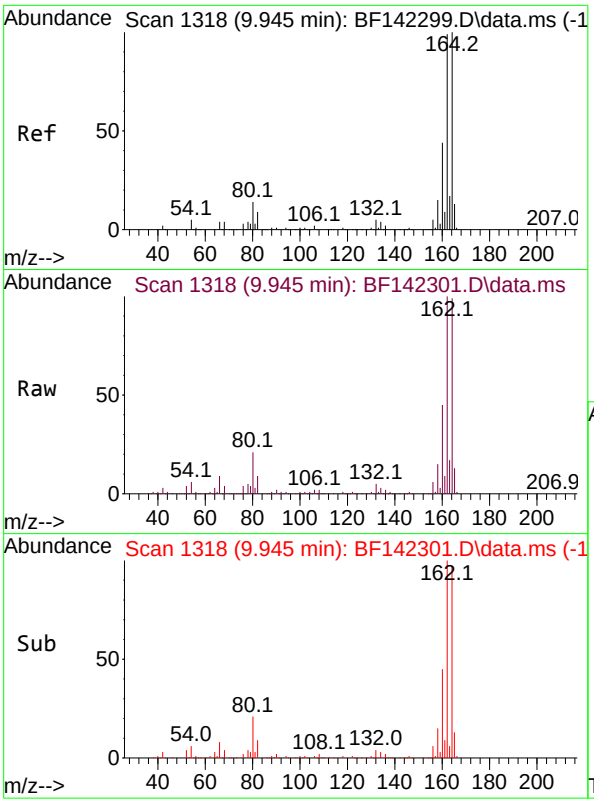


#38
1-Methylnaphthalene
Concen: 56.109 ng
RT: 9.004 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:142 Resp: 1363474

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.5	108.7

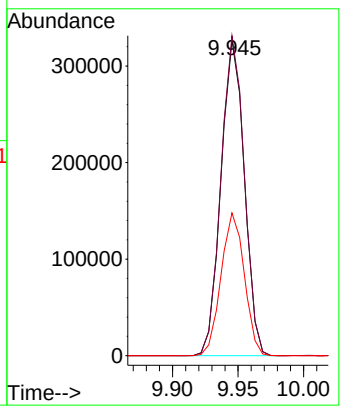




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:164 Resp: 40349

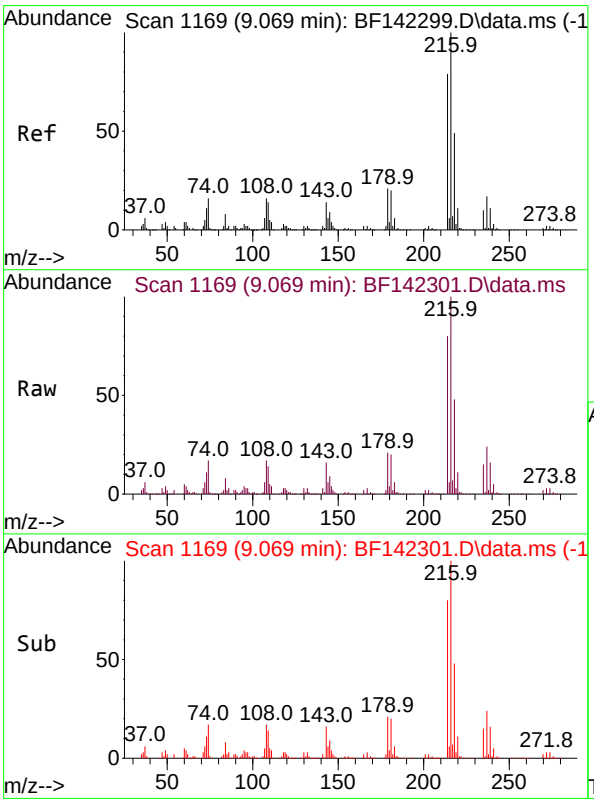
Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.2	118.8
160	45.2	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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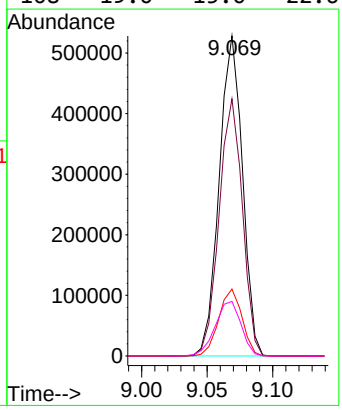
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

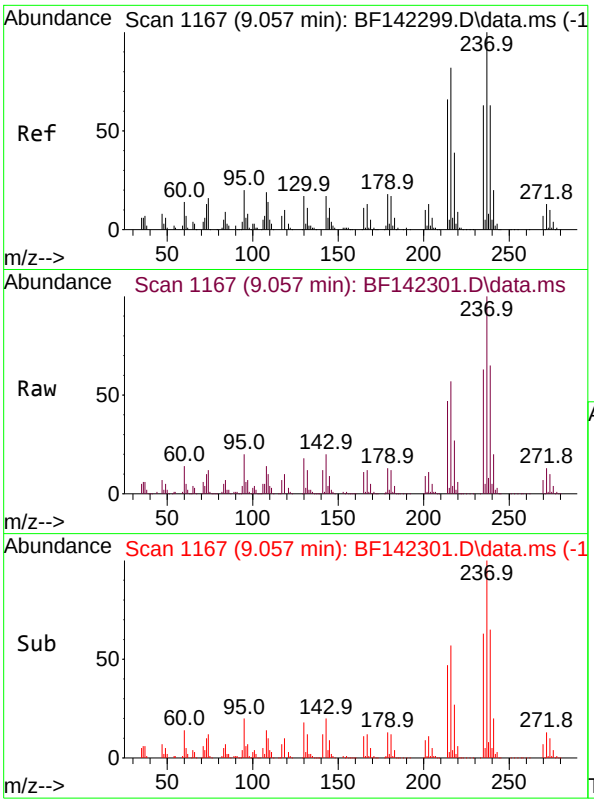


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.740 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:216 Resp: 650696

Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.8	95.6
179	20.9	17.0	25.6
108	19.0	15.0	22.6





#41
Hexachlorocyclopentadiene
Concen: 65.925 ng
RT: 9.057 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

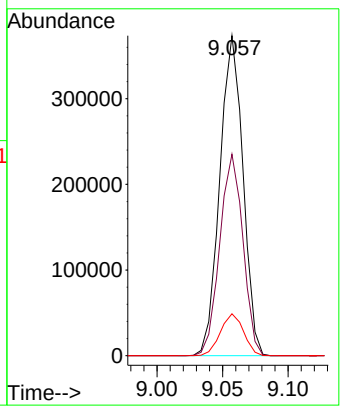
Tgt Ion:237 Resp: 45914

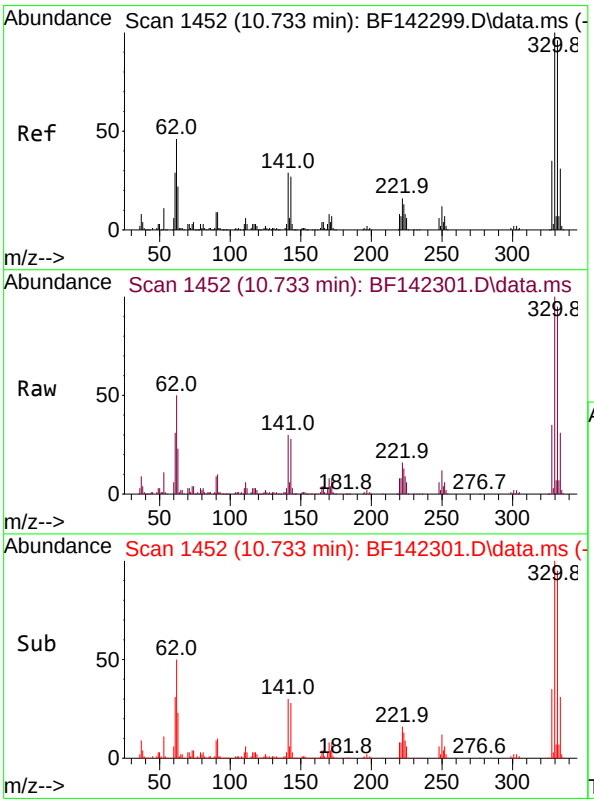
Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.8	82.8
272	13.1	0.0	33.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

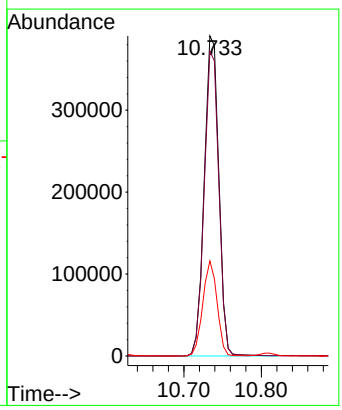


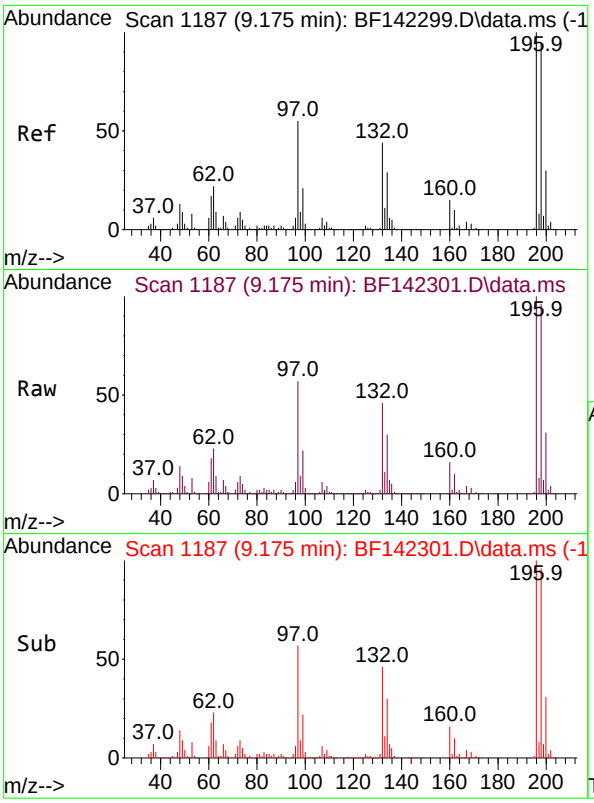


#42
2,4,6-Tribromophenol
Concen: 130.732 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:330 Resp: 509292

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.8	115.2
141	29.1	24.9	37.3

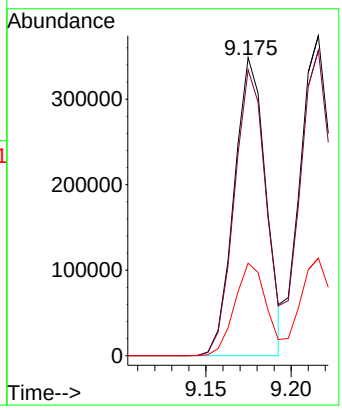




#43
2,4,6-Trichlorophenol
Concen: 63.143 ng
RT: 9.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:196 Resp: 44883

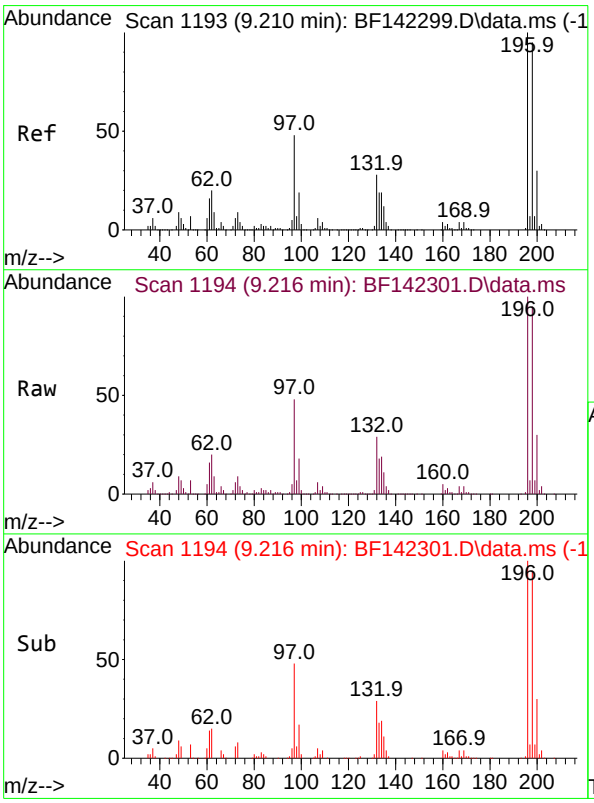
Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.4	113.0
200	31.0	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

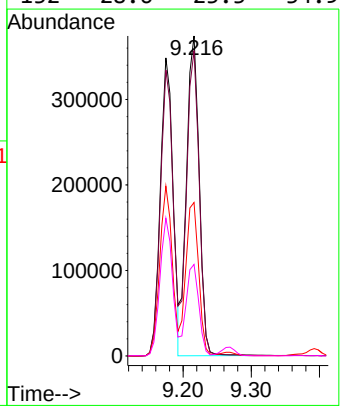
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

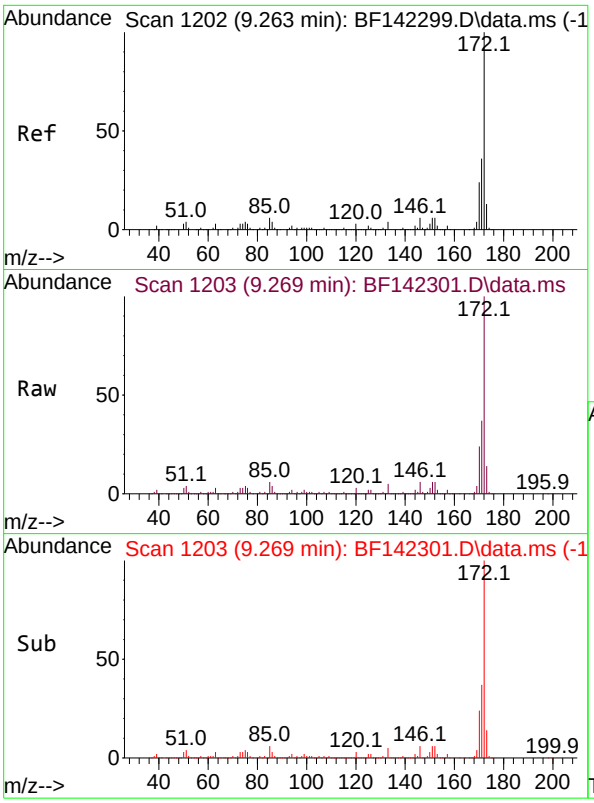


#44
2,4,5-Trichlorophenol
Concen: 63.505 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:196 Resp: 480305

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.1	114.1
97	47.9	39.0	58.4
132	28.6	23.3	34.9

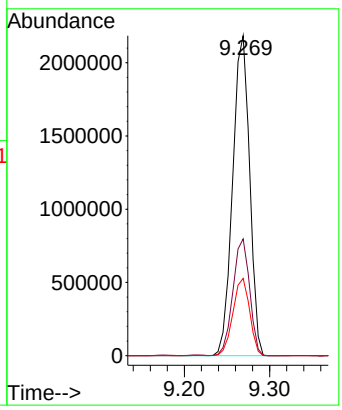




#45
2-Fluorobiphenyl
Concen: 106.576 ng
RT: 9.269 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:172 Resp: 301592

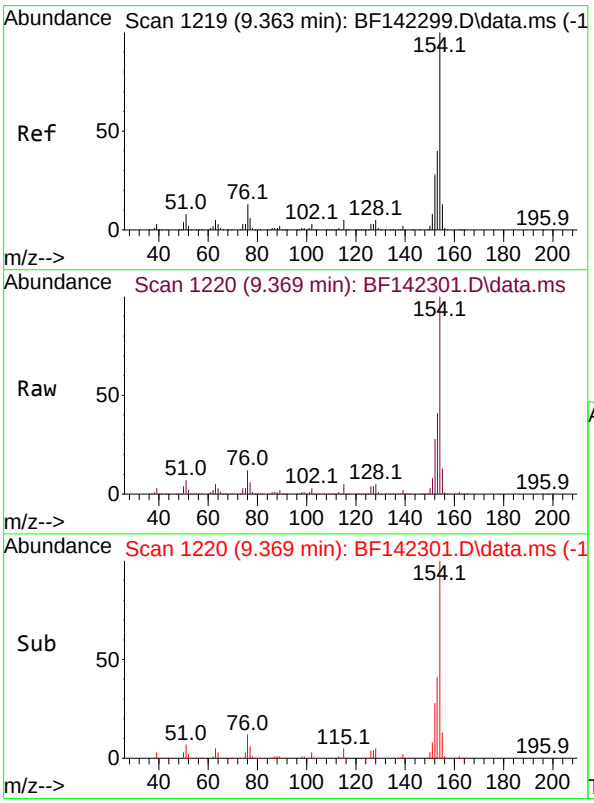
Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.2	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

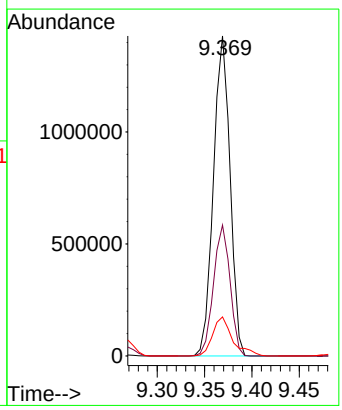
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

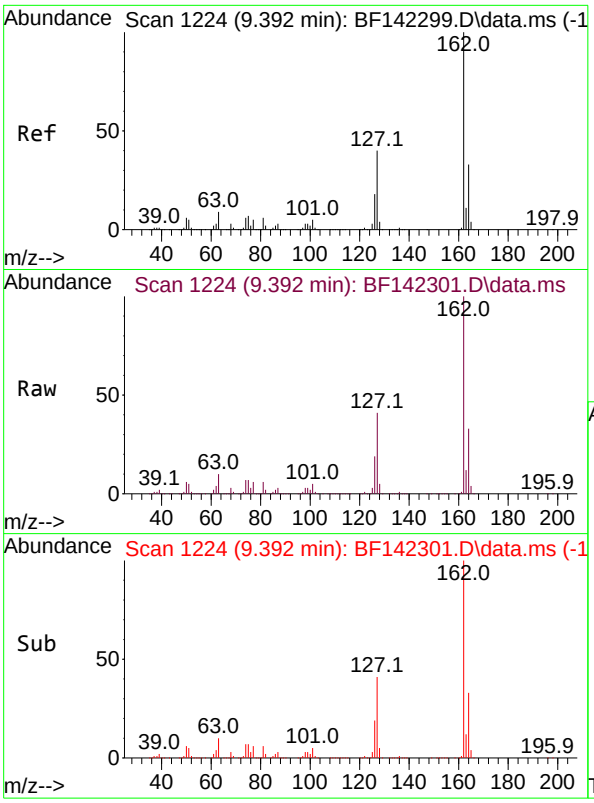


#46
1,1'-Biphenyl
Concen: 56.417 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:154 Resp: 1745424

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.5	60.5
76	12.2	0.0	32.8

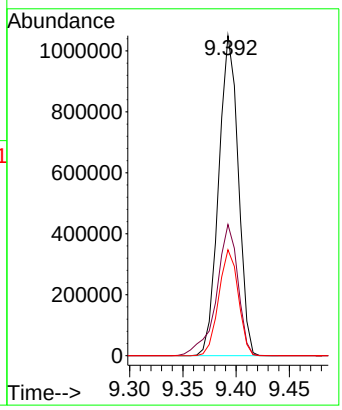




#47
2-Chloronaphthalene
Concen: 58.169 ng
RT: 9.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:162 Resp: 133833

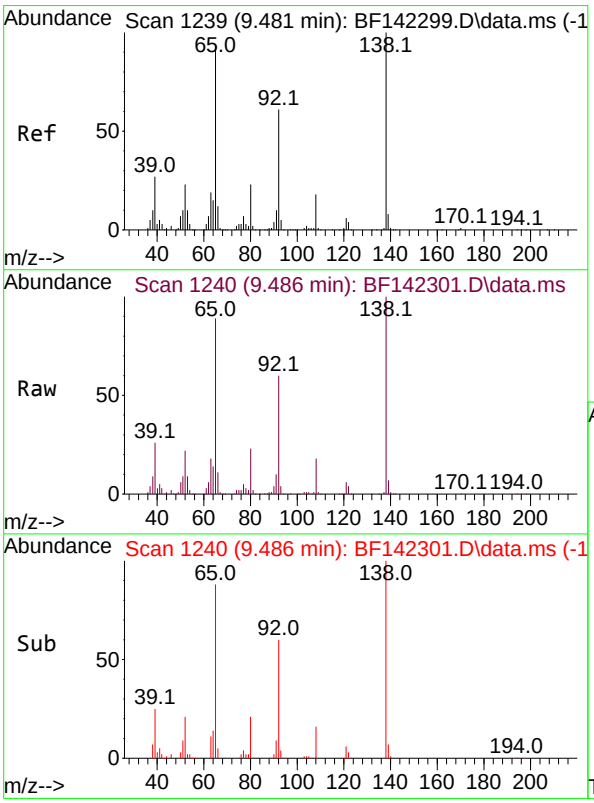
Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.3	48.5
164	33.1	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

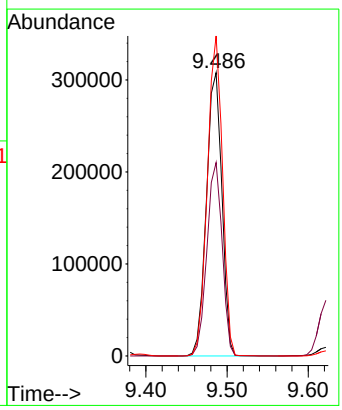
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

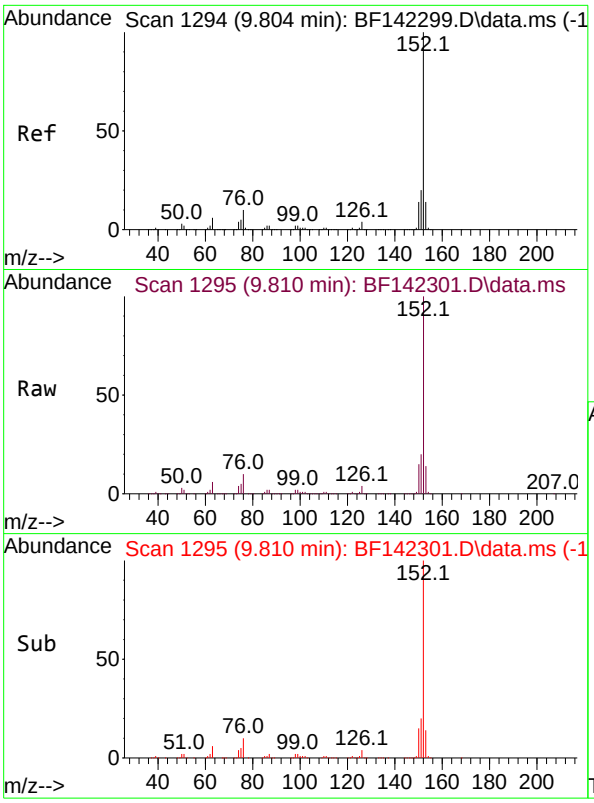


#48
2-Nitroaniline
Concen: 69.160 ng
RT: 9.486 min Scan# 1240
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 65 Resp: 407862

Ion	Ratio	Lower	Upper
65	100		
92	68.3	52.3	78.5
138	112.9	85.6	128.4

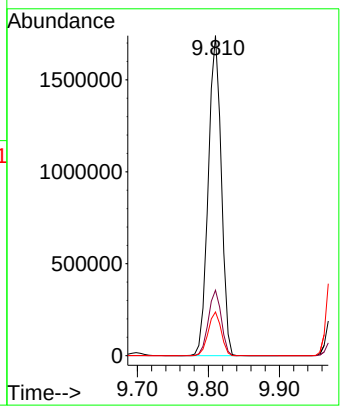




#49
Acenaphthylene
Concen: 57.569 ng
RT: 9.810 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:152 Resp: 221577

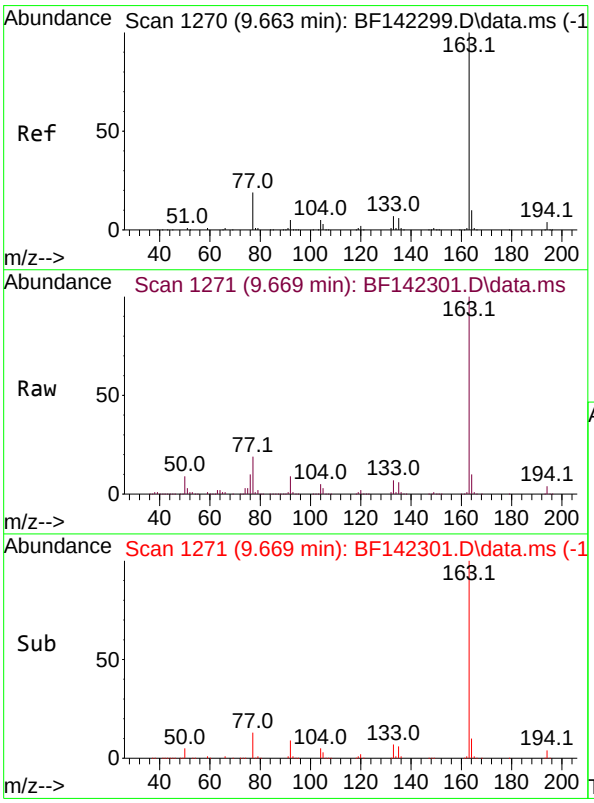
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	13.6	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

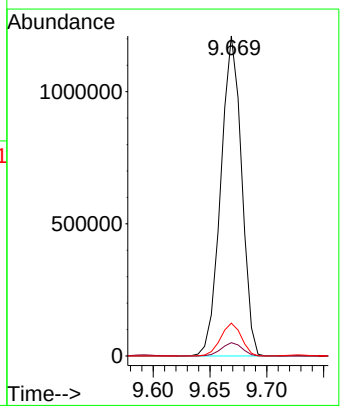
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

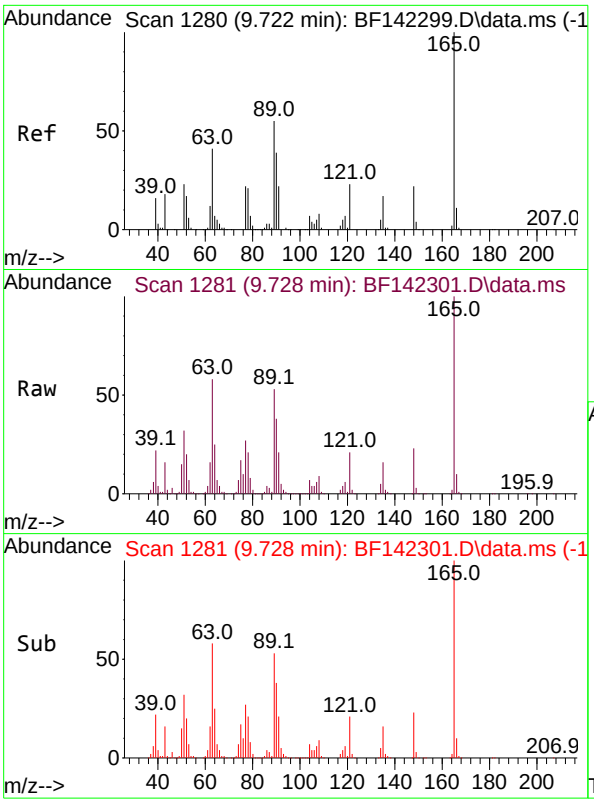


#50
Dimethylphthalate
Concen: 59.587 ng
RT: 9.669 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:163 Resp: 1543896

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.2	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 68.237 ng
RT: 9.728 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

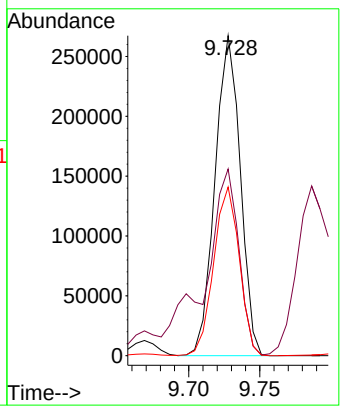
Tgt Ion:165 Resp: 330939

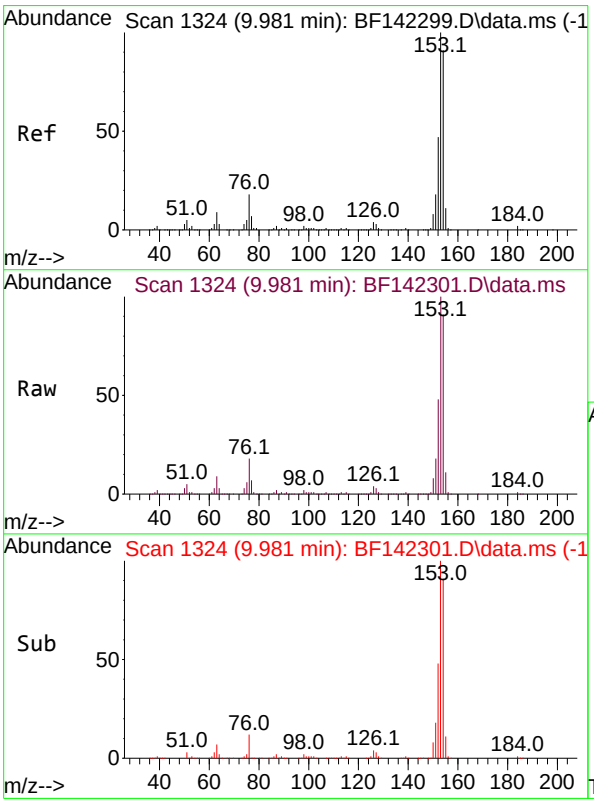
Ion	Ratio	Lower	Upper
165	100		
63	58.4	49.5	74.3
89	52.7	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

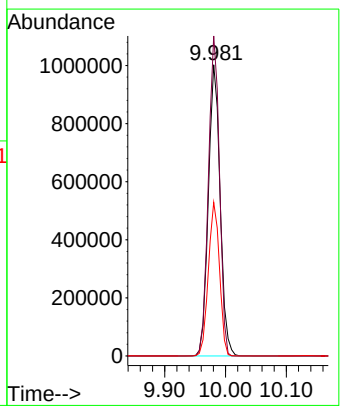


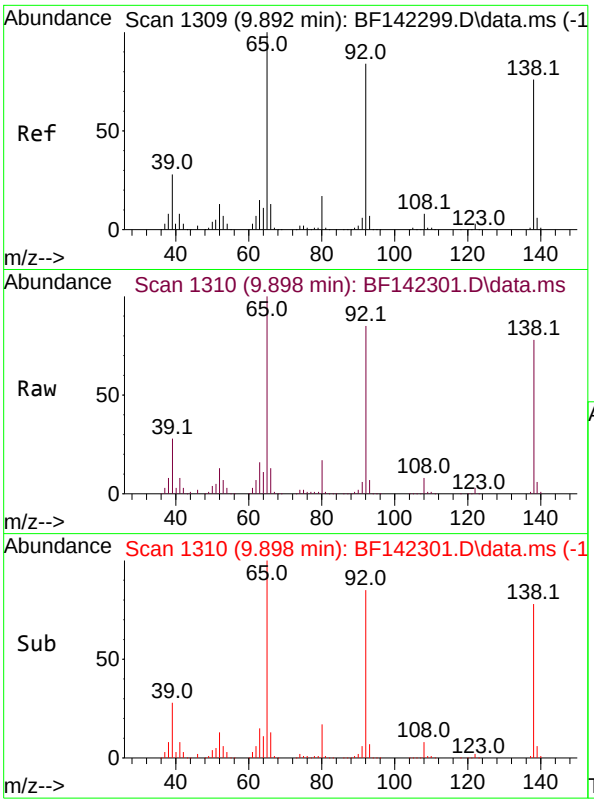


#52
Acenaphthene
Concen: 58.133 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:154 Resp: 1345347

Ion	Ratio	Lower	Upper
154	100		
153	109.9	88.0	132.0
152	52.7	41.6	62.4





#53
3-Nitroaniline
Concen: 67.787 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

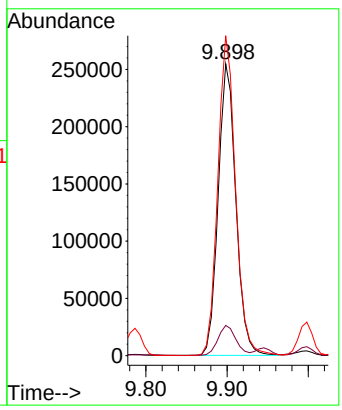
Tgt Ion:138 Resp: 38556

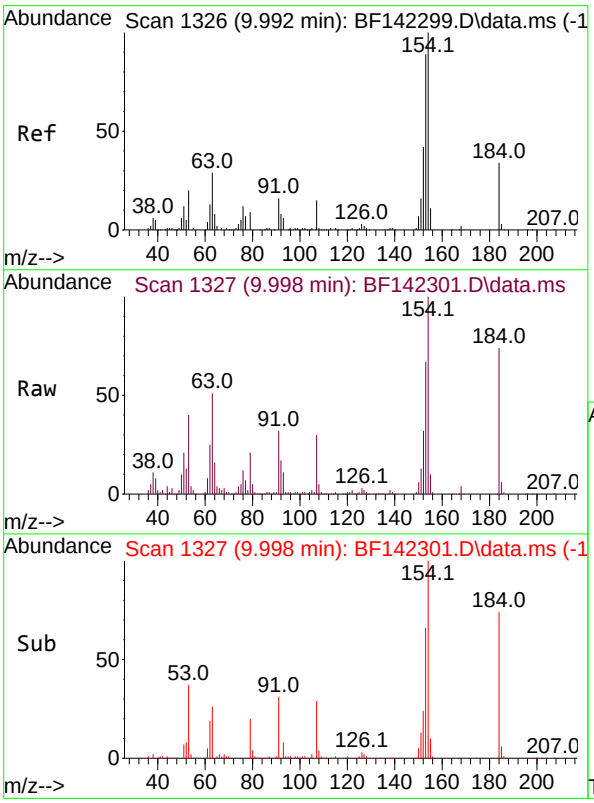
Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	109.6	89.5	134.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

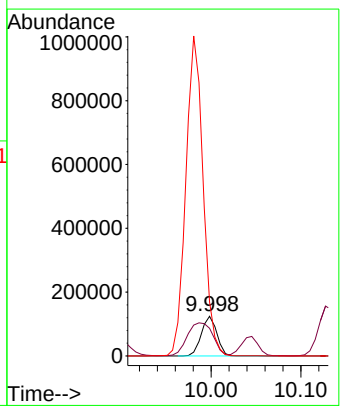


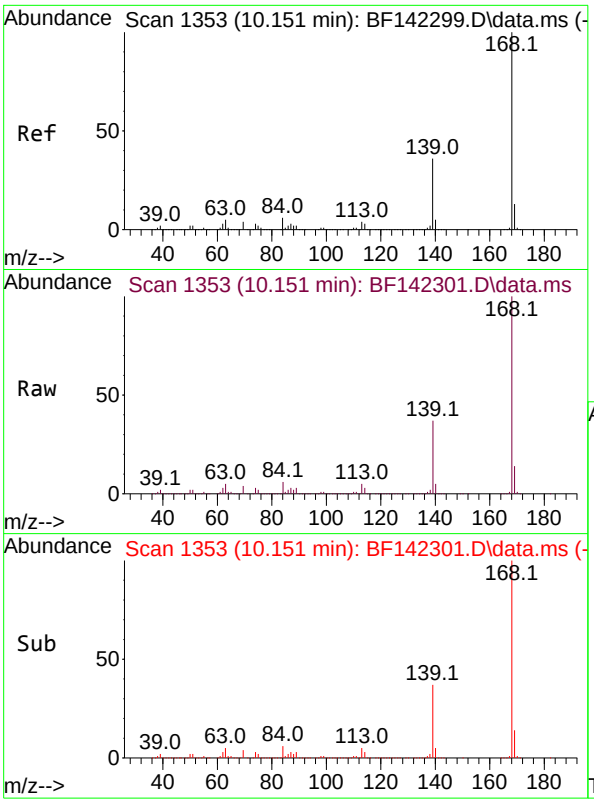


#54
2,4-Dinitrophenol
Concen: 61.014 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:184 Resp: 149707

Ion	Ratio	Lower	Upper
184	100		
63	69.6	70.6	105.8#
154	135.7	257.2	385.8#

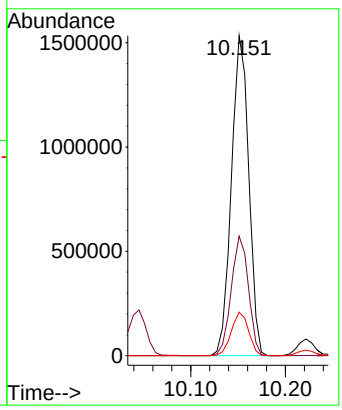




#55
Dibenzofuran
Concen: 57.013 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:168 Resp: 194724

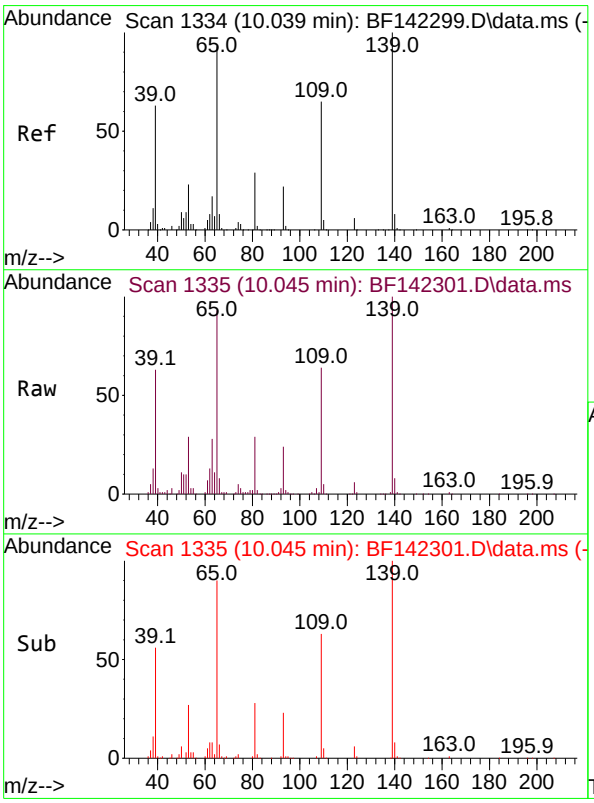
Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.0	43.4
169	13.6	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

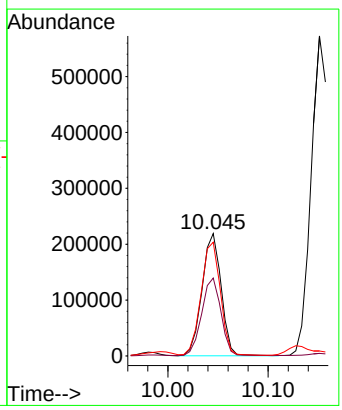
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

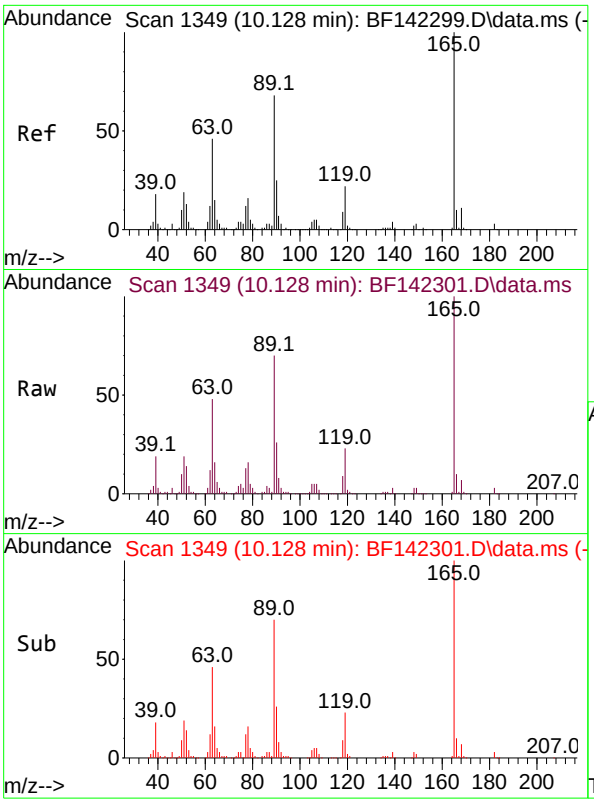


#56
4-Nitrophenol
Concen: 67.801 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:139 Resp: 290245

Ion	Ratio	Lower	Upper
139	100		
109	63.7	45.3	85.3
65	93.0	73.9	113.9

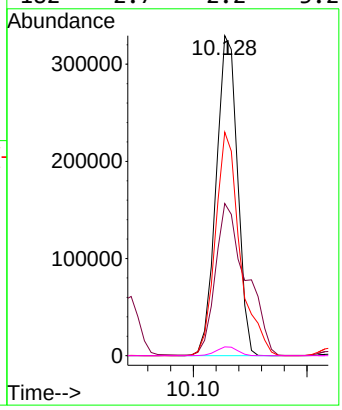




#57
2,4-Dinitrotoluene
Concen: 69.171 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:165 Resp: 43031

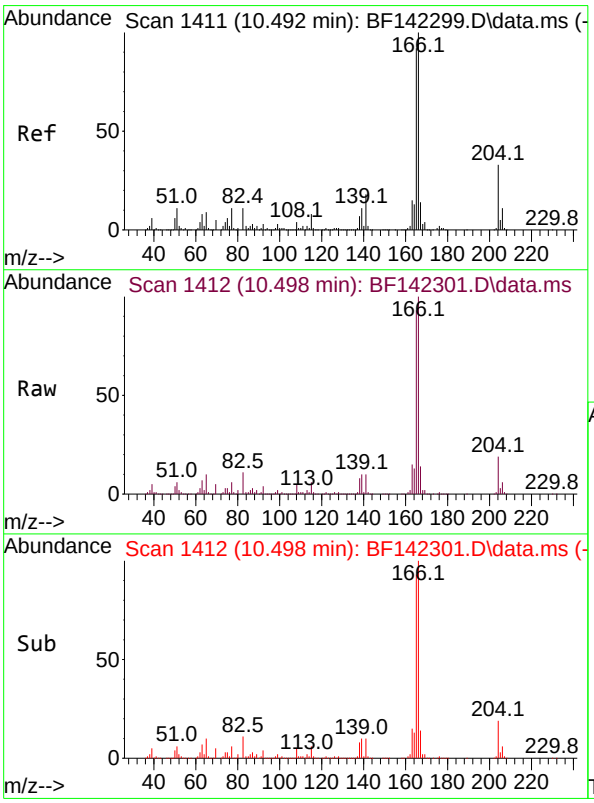
Ion	Ratio	Lower	Upper
165	100		
63	47.6	37.1	55.7
89	69.8	54.4	81.6
182	2.7	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

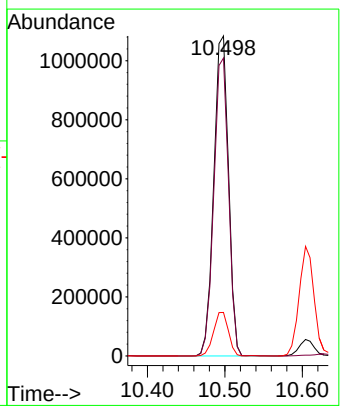
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

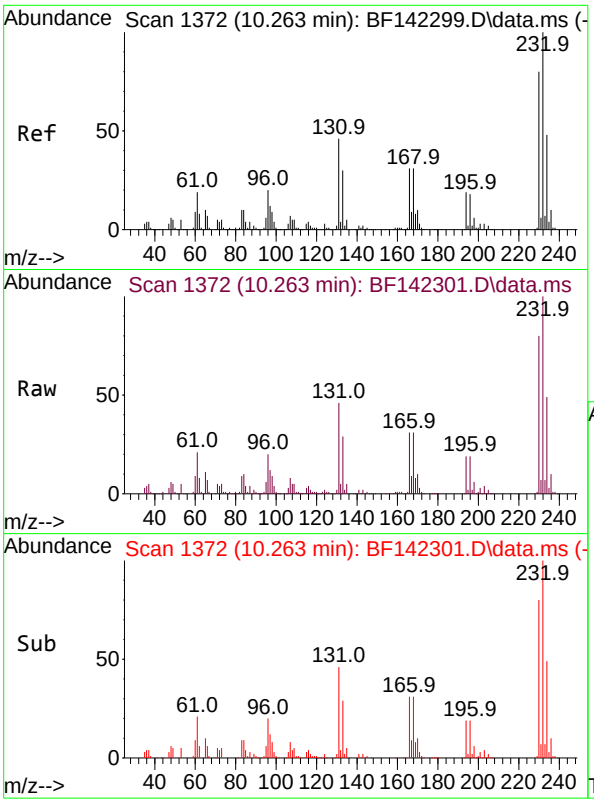


#58
Fluorene
Concen: 54.944 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:166 Resp: 1432119

Ion	Ratio	Lower	Upper
166	100		
165	93.1	74.0	111.0
167	13.6	10.9	16.3

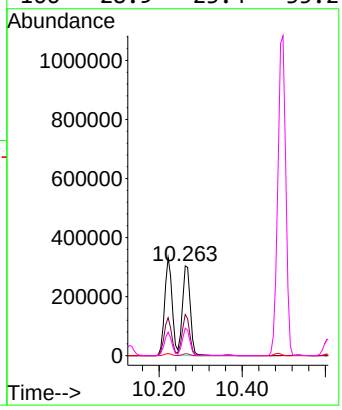




#59
2,3,4,6-Tetrachlorophenol
Concen: 63.842 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:232 Resp: 39860

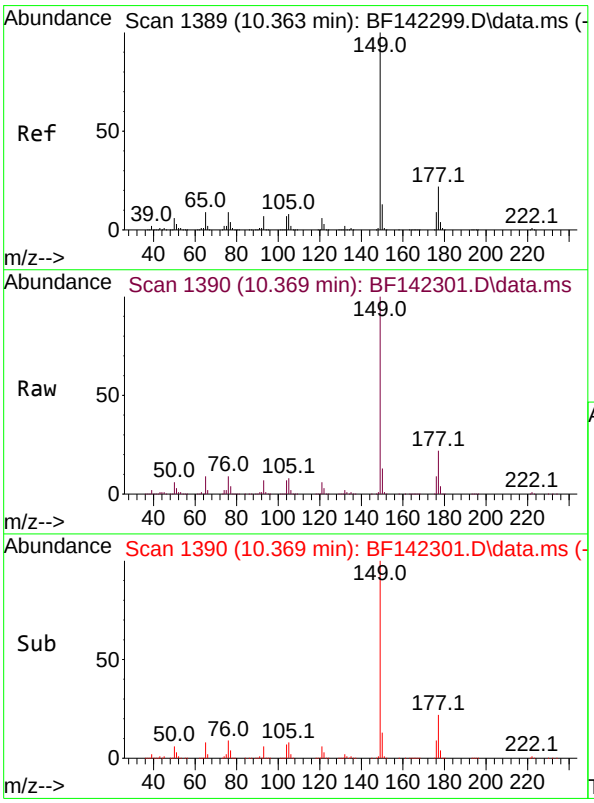
Ion	Ratio	Lower	Upper
232	100		
131	43.2	36.0	54.0
130	2.0	1.8	2.6
166	28.9	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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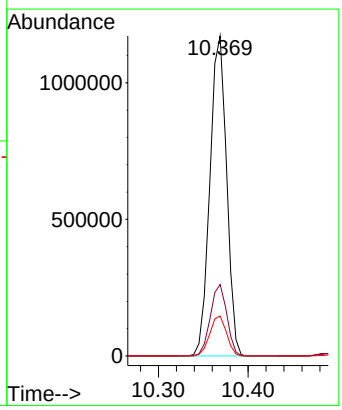
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

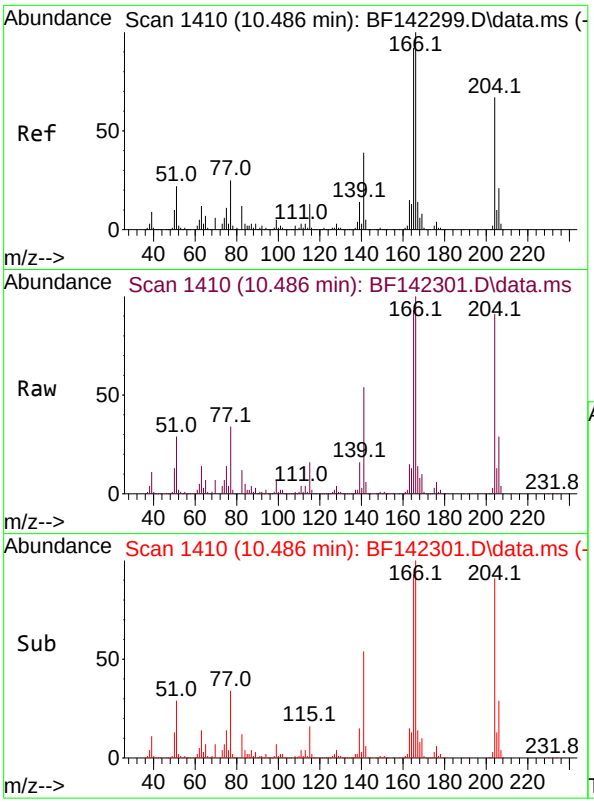


#60
Diethylphthalate
Concen: 58.568 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:149 Resp: 1515452

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.6	26.4
150	12.5	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 56.782 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

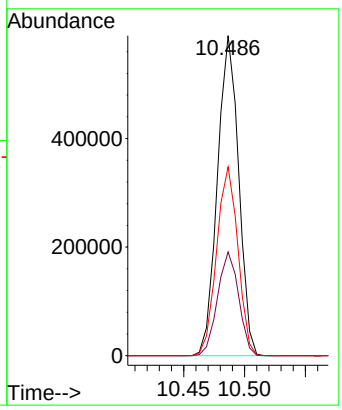
Tgt Ion:204 Resp: 71404

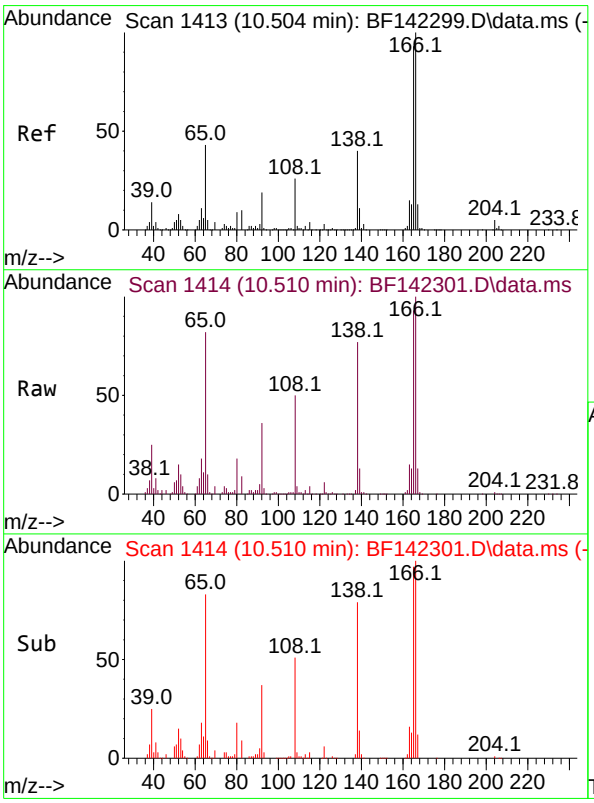
Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.5	38.3
141	59.0	46.4	69.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

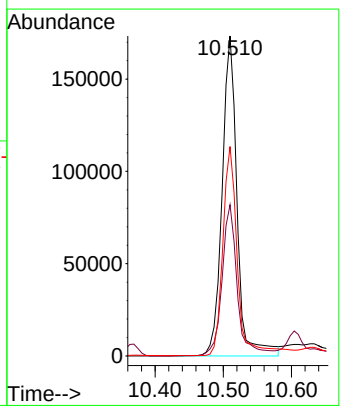


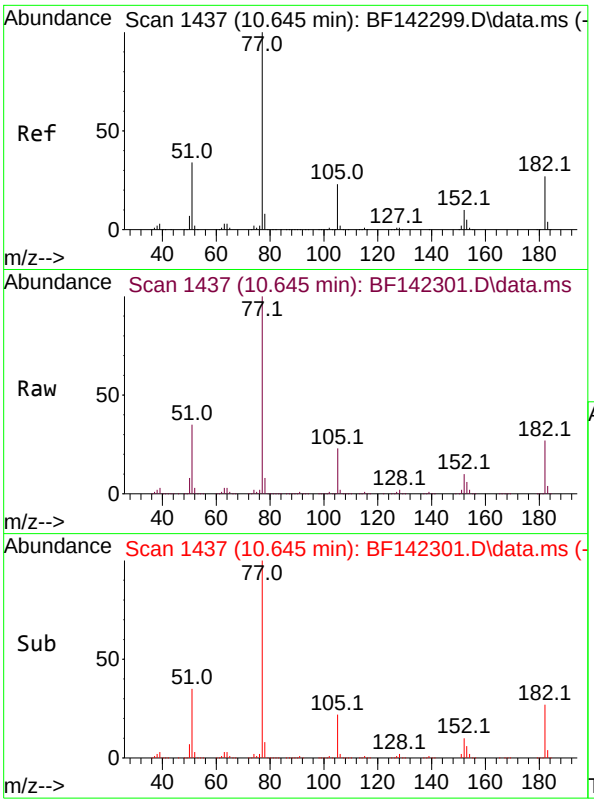


#62
4-Nitroaniline
Concen: 58.823 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:138 Resp: 265178

Ion	Ratio	Lower	Upper
138	100		
92	47.3	27.3	67.3
108	65.4	45.1	85.1

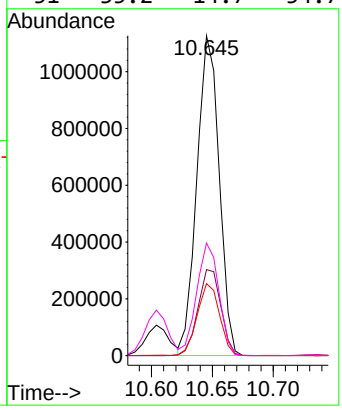




#63
Azobenzene
Concen: 58.009 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 77 Resp: 143429

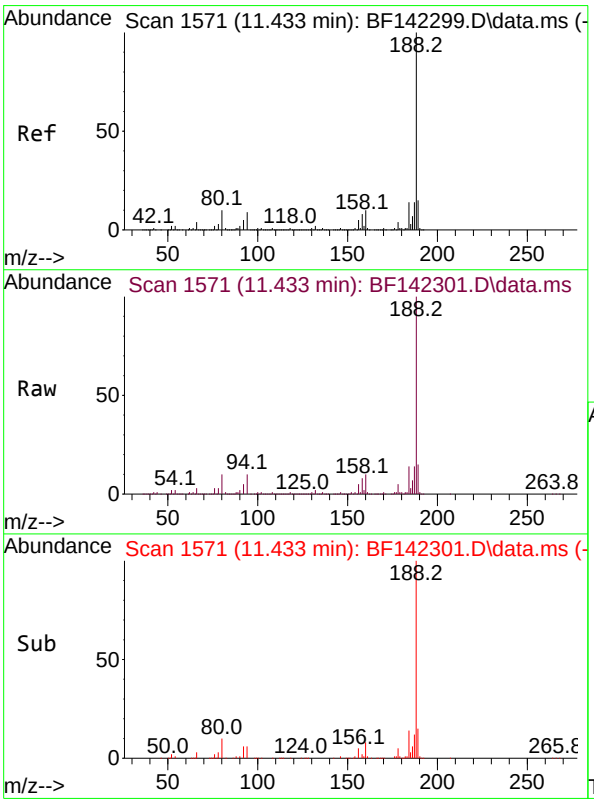
Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.9	46.9
105	22.5	2.7	42.7
51	35.2	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

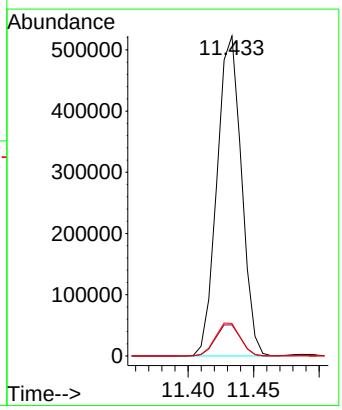
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

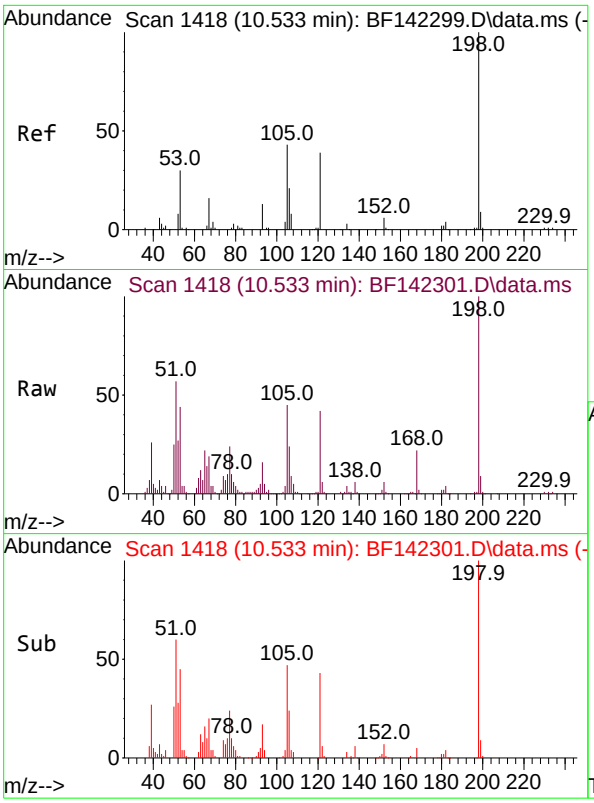


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:188 Resp: 678705

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.5	11.3
80	10.1	7.9	11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 60.816 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

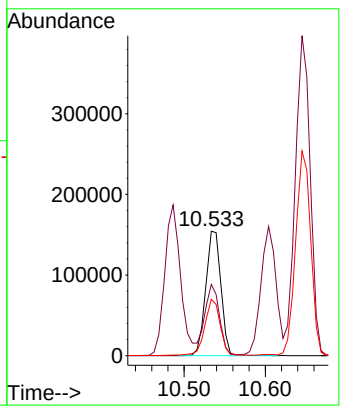
Tgt Ion:198 Resp: 19954

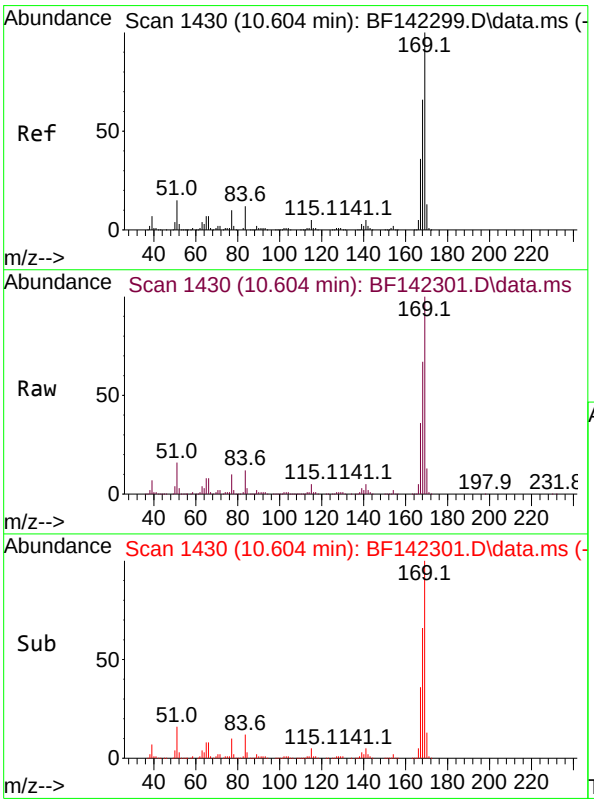
Ion	Ratio	Lower	Upper
198	100		
51	57.2	32.9	72.9
105	45.3	23.7	63.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

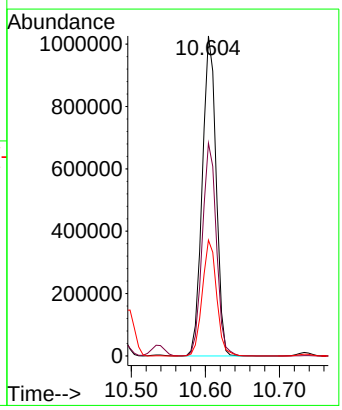


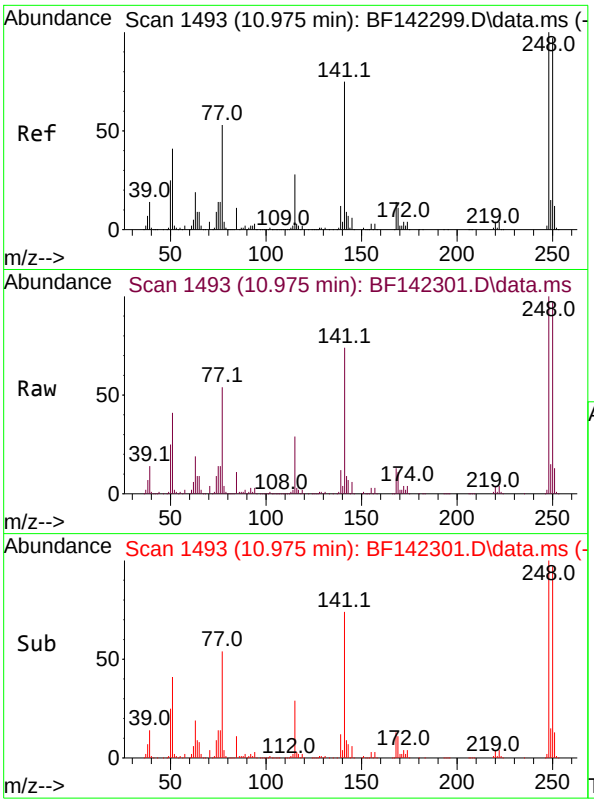


#66
n-Nitrosodiphenylamine
Concen: 58.927 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:169 Resp: 1330840

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	36.2	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 60.048 ng
RT: 10.975 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

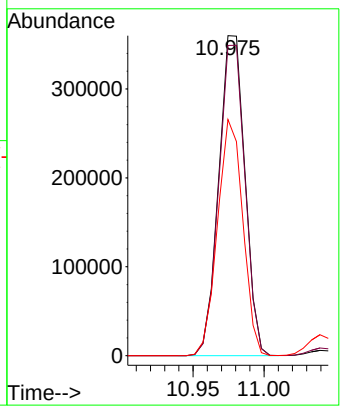
Tgt Ion:248 Resp: 46189

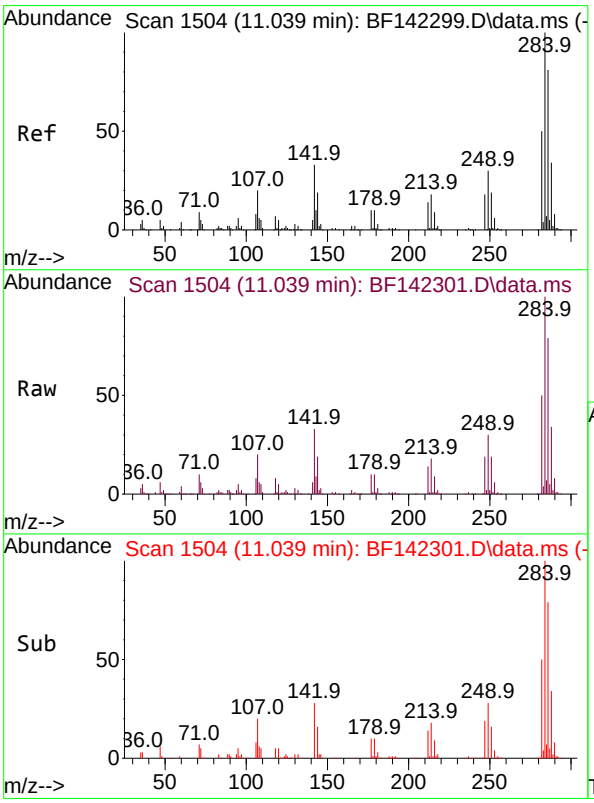
Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.9	116.9
141	73.8	59.8	89.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

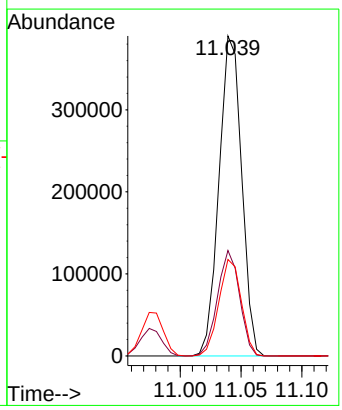


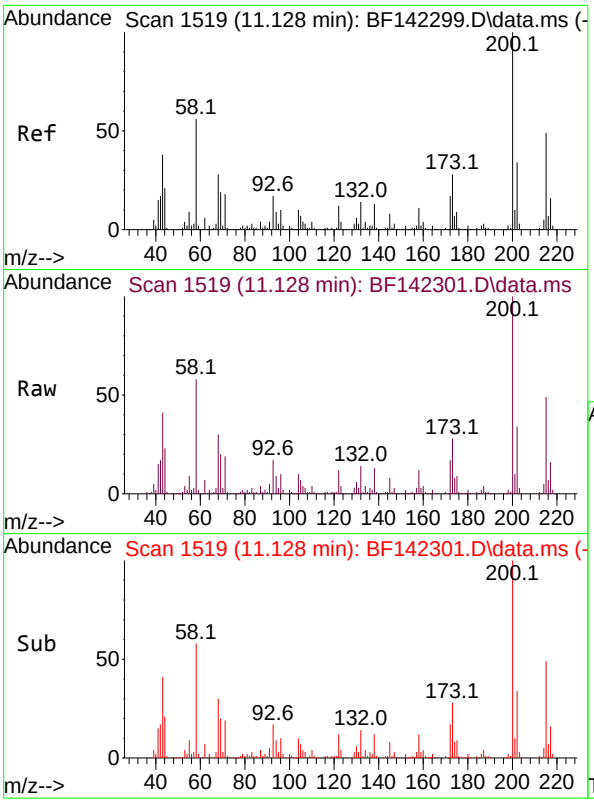


#68
Hexachlorobenzene
Concen: 59.625 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:284 Resp: 504486

Ion	Ratio	Lower	Upper
284	100		
142	33.0	26.6	39.8
249	30.2	24.1	36.1

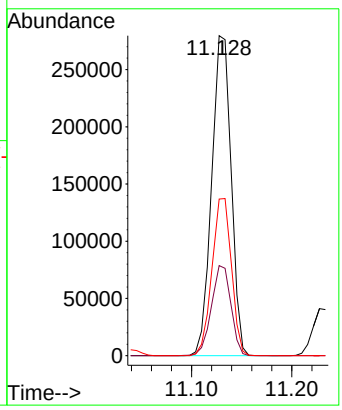




#69
Atrazine
Concen: 63.169 ng
RT: 11.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:200 Resp: 37607

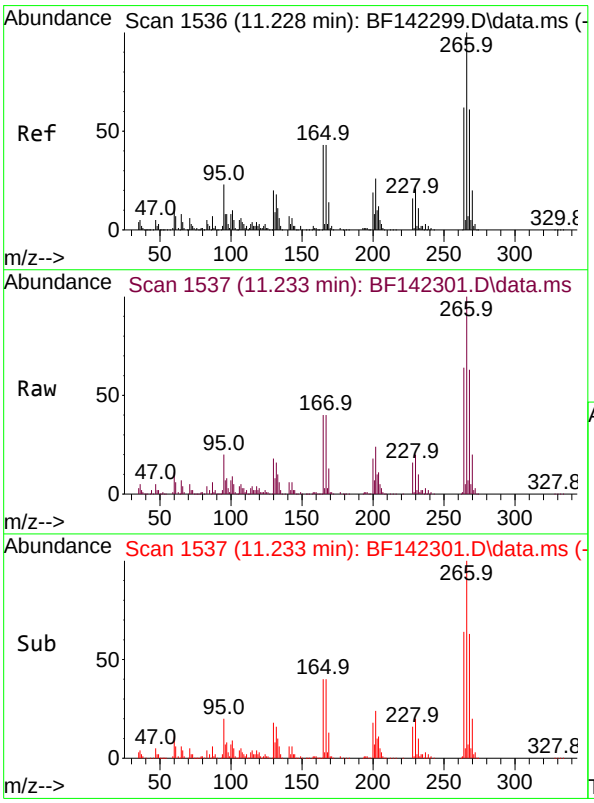
Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.1	48.1
215	48.9	28.8	68.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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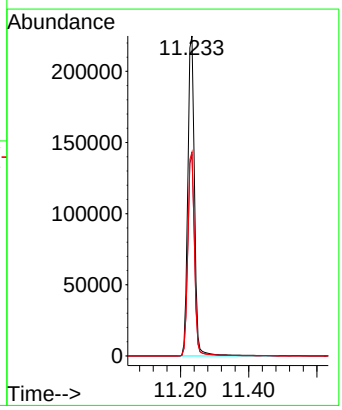
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

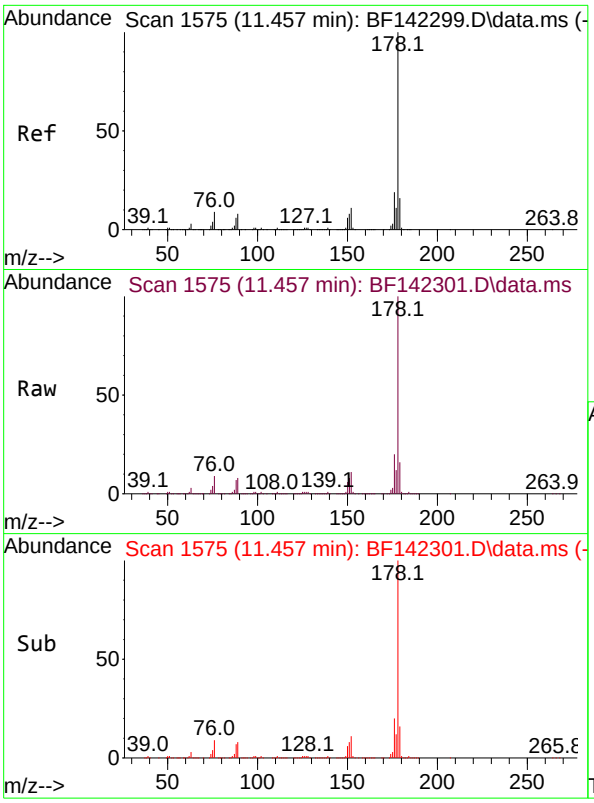


#70
Pentachlorophenol
Concen: 68.419 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:266 Resp: 304541

Ion	Ratio	Lower	Upper
266	100		
268	63.0	48.7	73.1
264	63.7	49.8	74.6

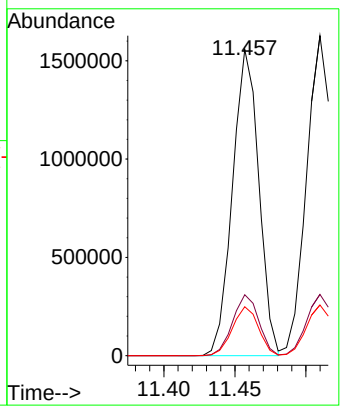




#71
Phenanthrene
Concen: 56.475 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:178 Resp: 200915

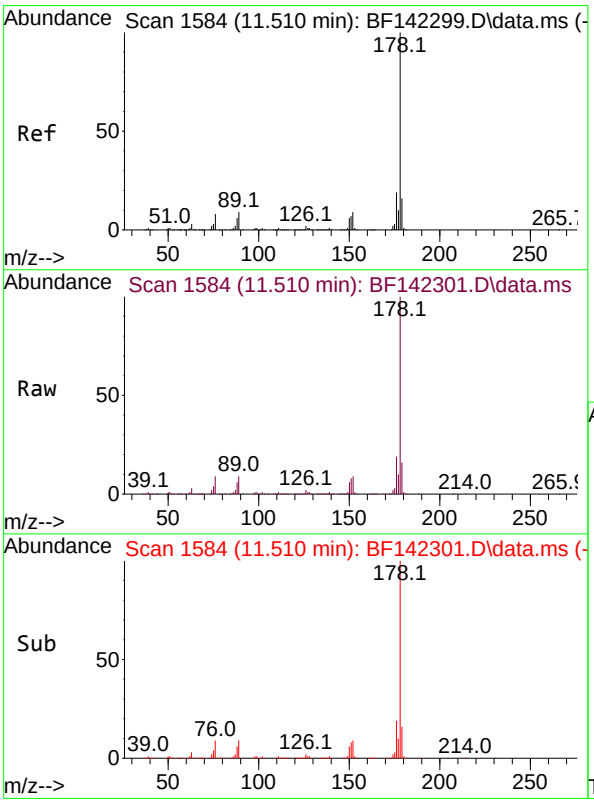
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	16.0	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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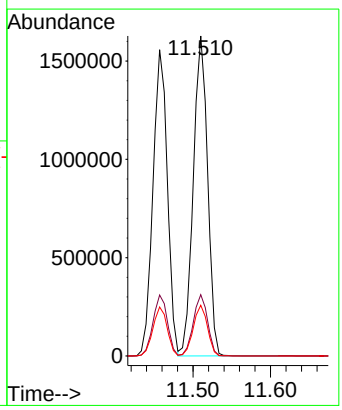
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

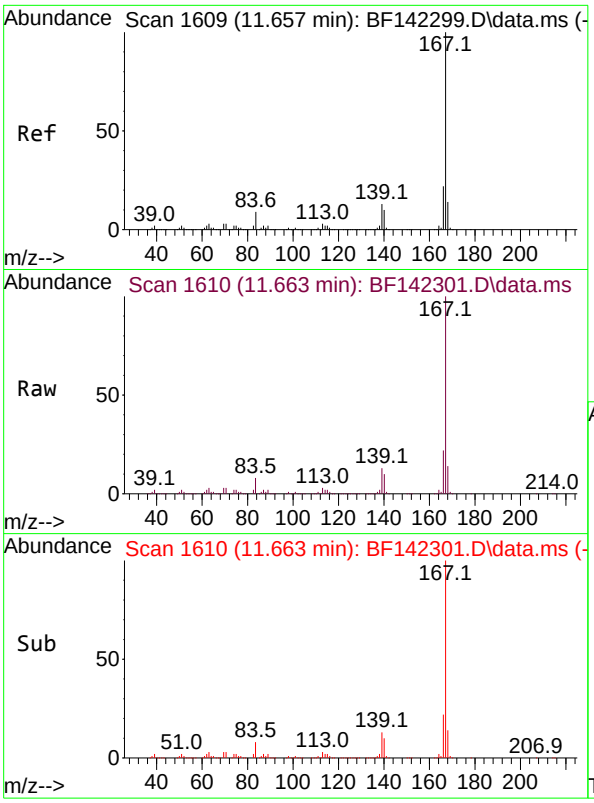


#72
Anthracene
Concen: 56.980 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:178 Resp: 2082880

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.9	12.6	18.8

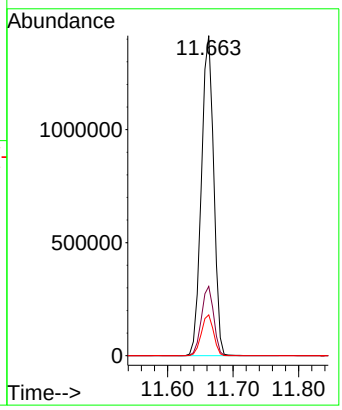




#73
Carbazole
Concen: 56.538 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:167 Resp: 185418

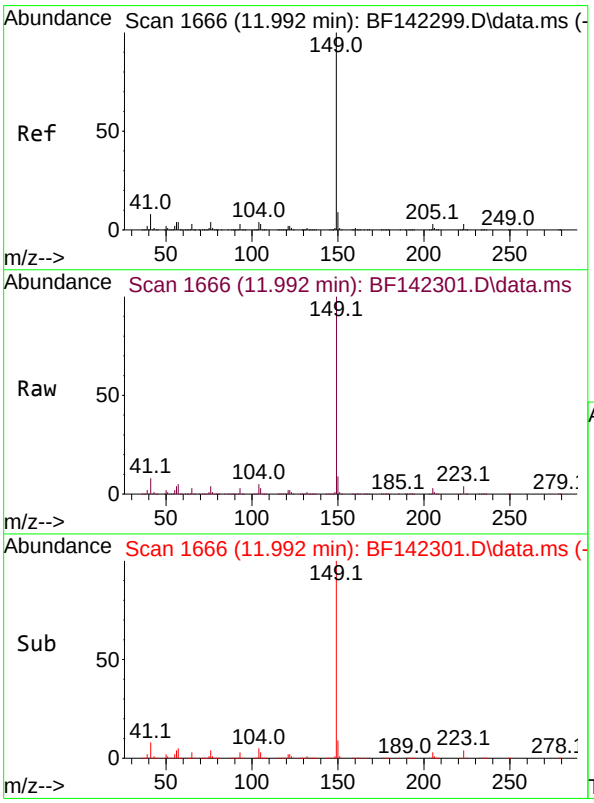
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	12.8	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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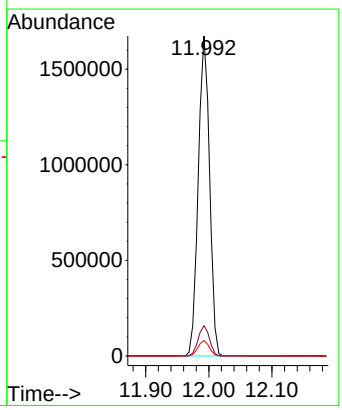
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

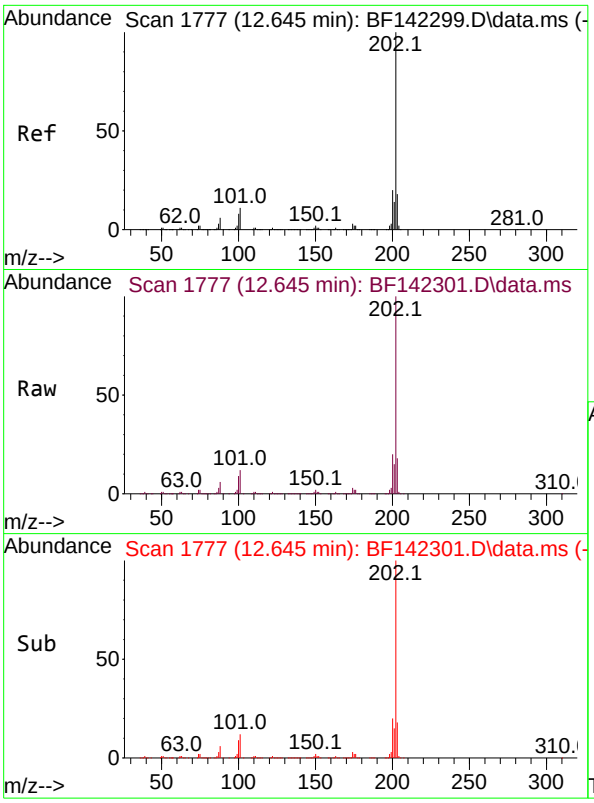


#74
Di-n-butylphthalate
Concen: 60.137 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:149 Resp: 2073826

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.8	3.6	5.4

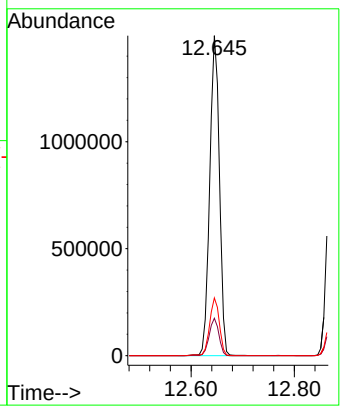




#75
Fluoranthene
Concen: 54.742 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:202 Resp: 194677

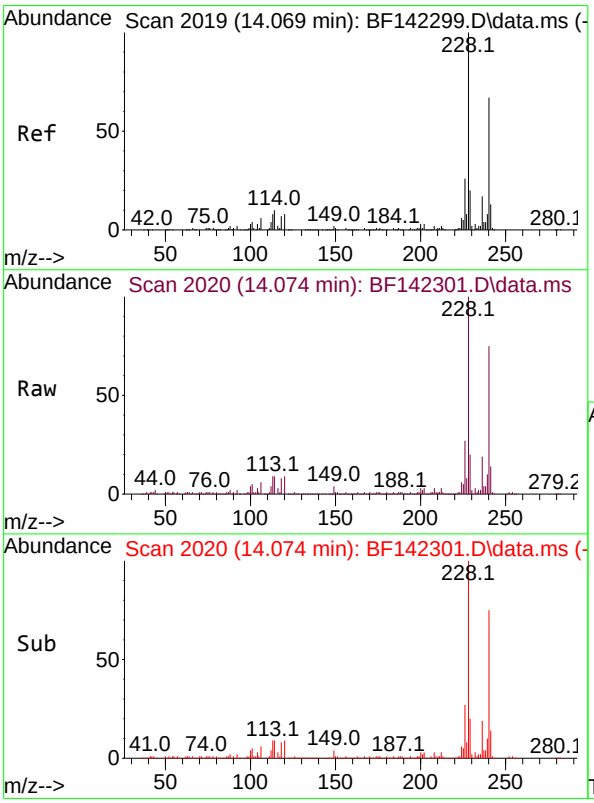
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.4
203	18.0	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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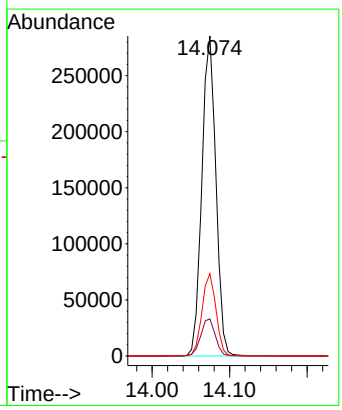
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

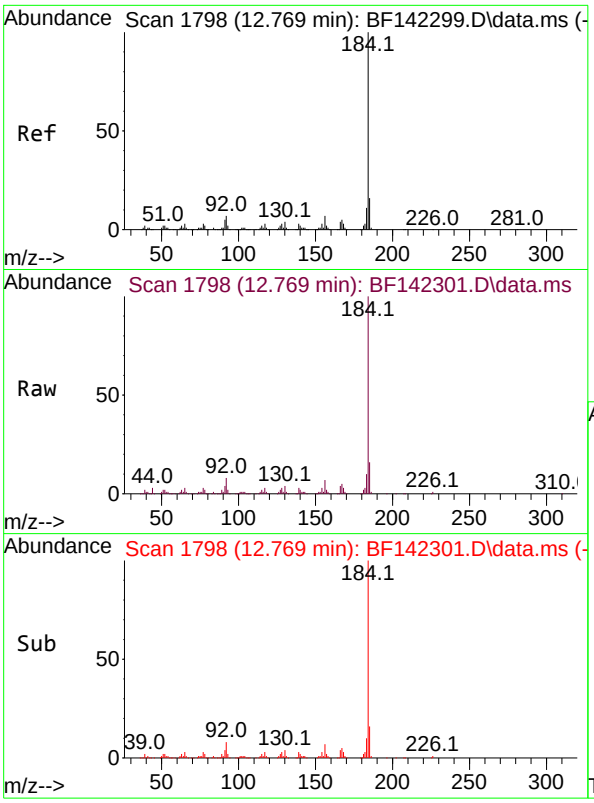


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:240 Resp: 358642

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.7	14.5
236	25.7	20.0	30.0

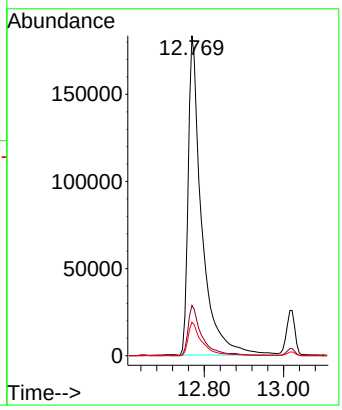




#77
Benzidine
Concen: 66.599 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:184 Resp: 43406

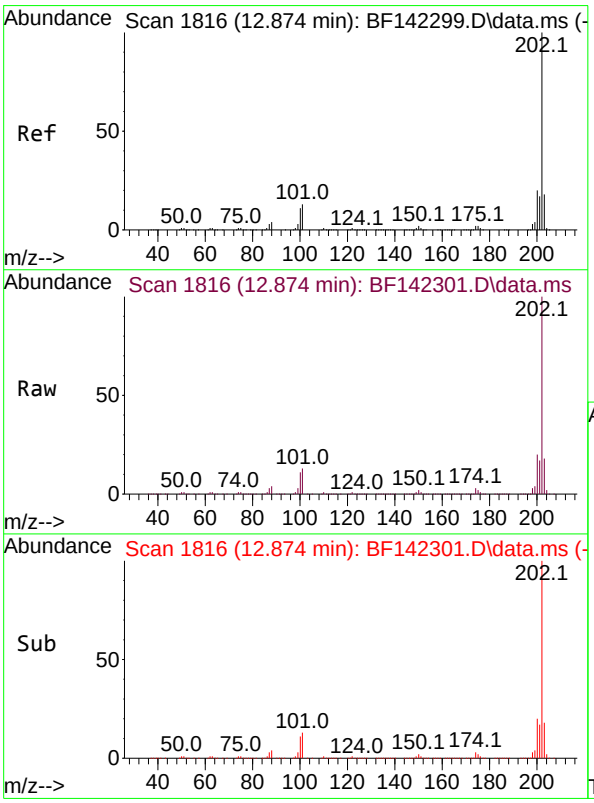
Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	10.5	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

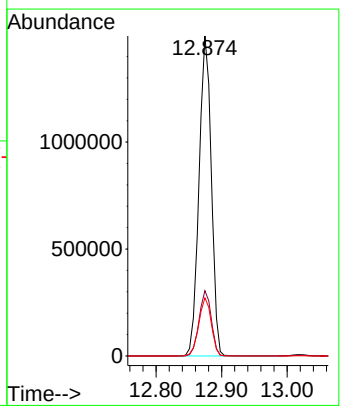
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

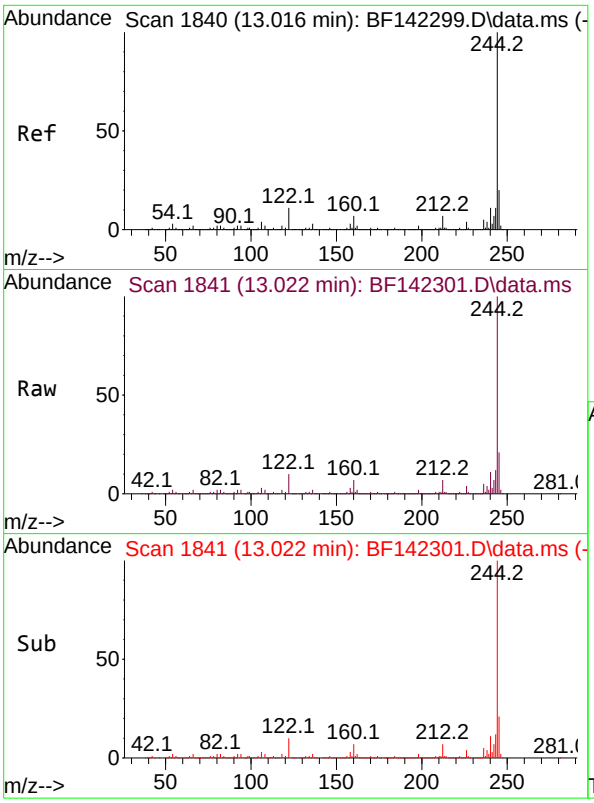


#78
Pyrene
Concen: 61.239 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:202 Resp: 1954922

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	18.2	14.3	21.5

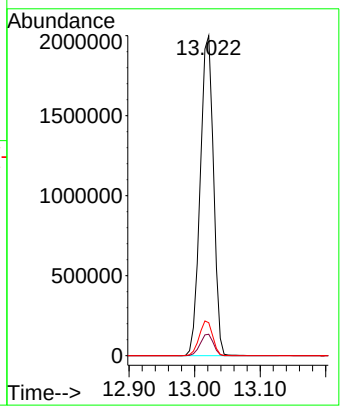




#79
Terphenyl-d14
Concen: 116.709 ng
RT: 13.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:244 Resp: 282794

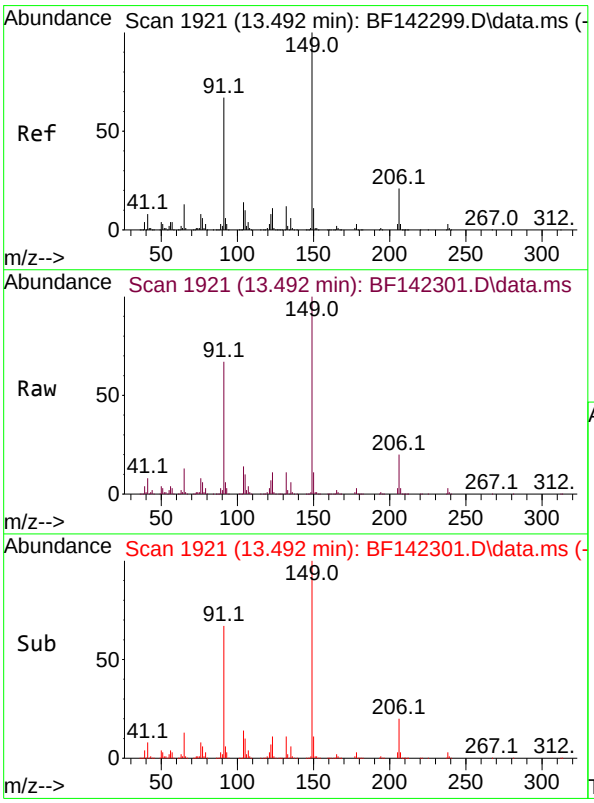
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.3	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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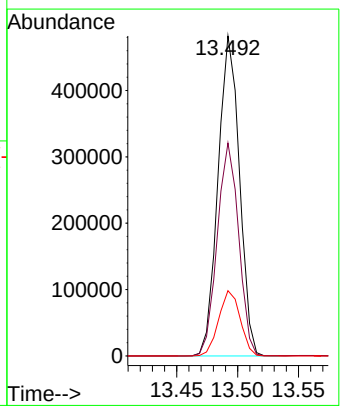
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

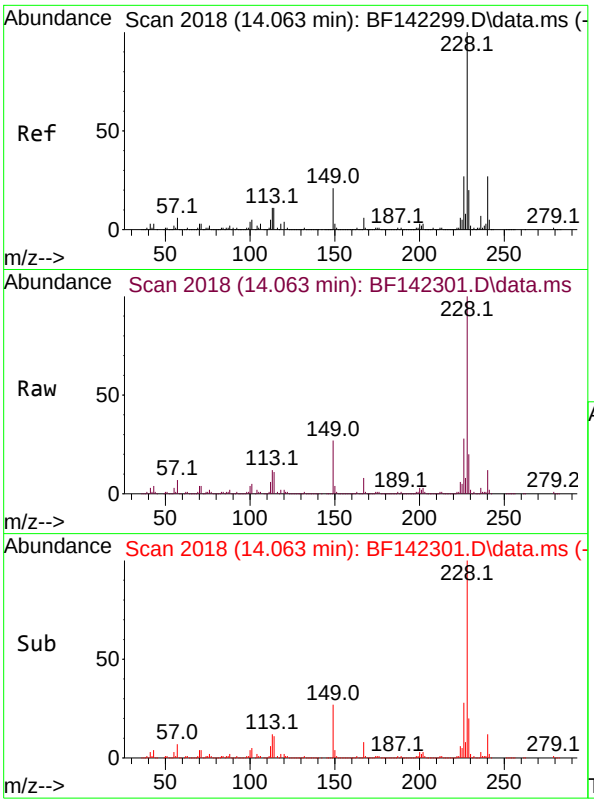


#80
Butylbenzylphthalate
Concen: 62.274 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:149 Resp: 591132

Ion	Ratio	Lower	Upper
149	100		
91	66.6	53.8	80.6
206	20.4	16.6	24.8





#81
Benzo(a)anthracene
Concen: 60.043 ng
RT: 14.063 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

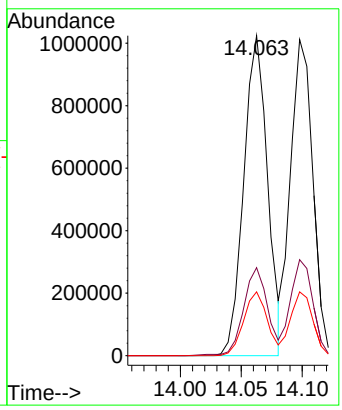
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

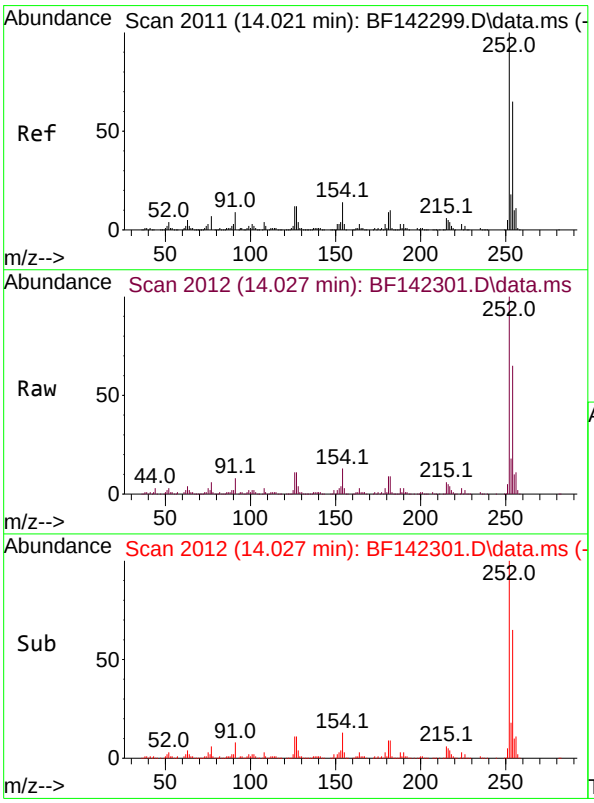
Tgt Ion:228 Resp: 139456

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.5	32.3
229	20.0	15.9	23.9

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

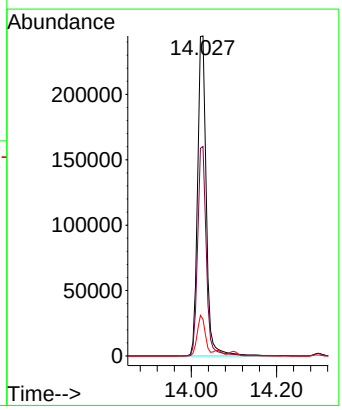


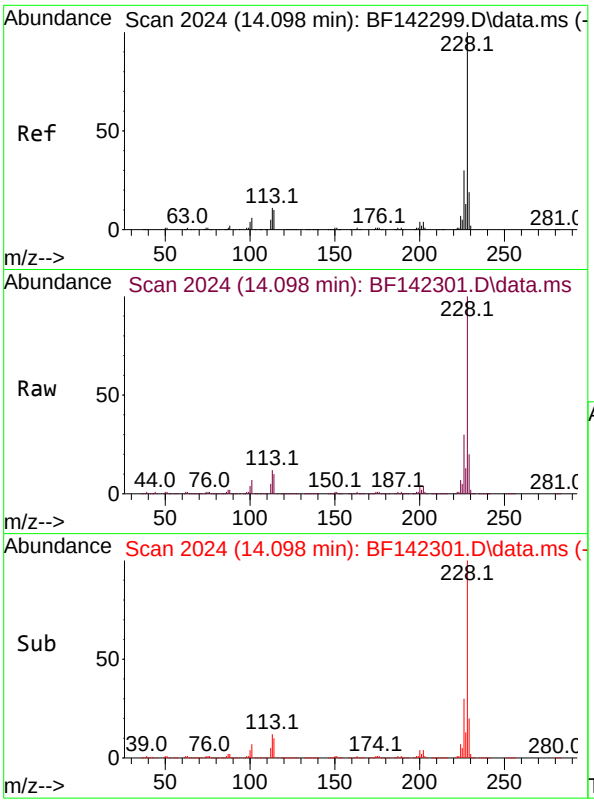


#82
3,3'-Dichlorobenzidine
Concen: 64.332 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:252 Resp: 347469

Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.0	78.0
126	11.4	9.7	14.5





#83
Chrysene
Concen: 59.838 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

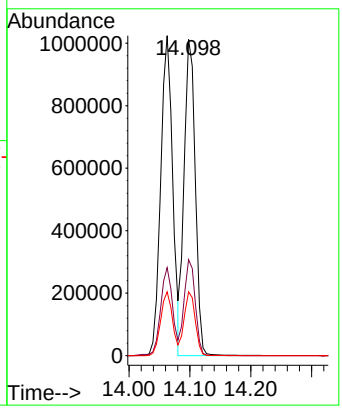
Tgt Ion:228 Resp: 129380

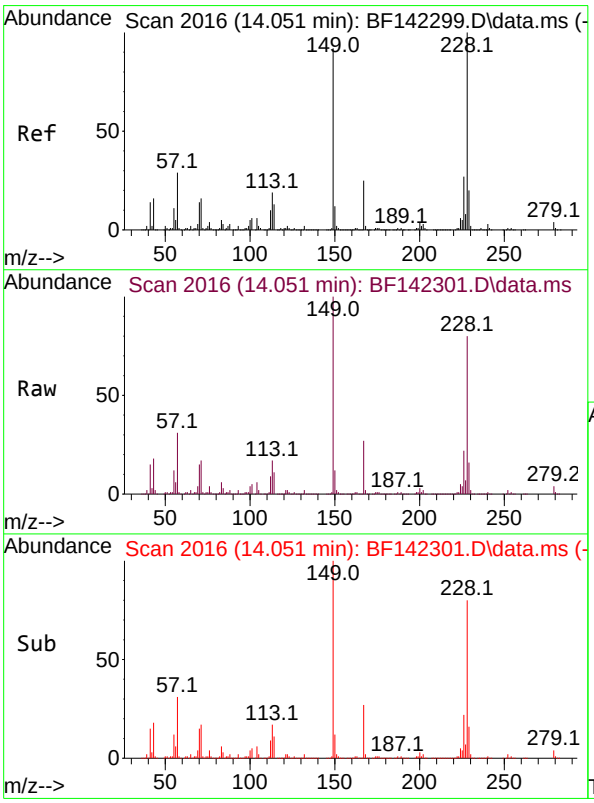
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	20.2	15.4	23.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

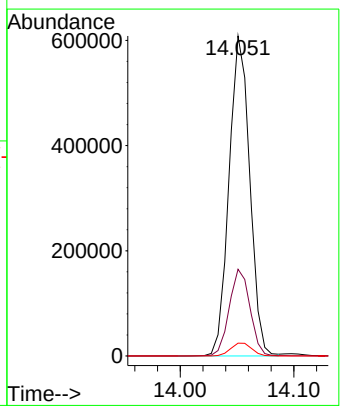


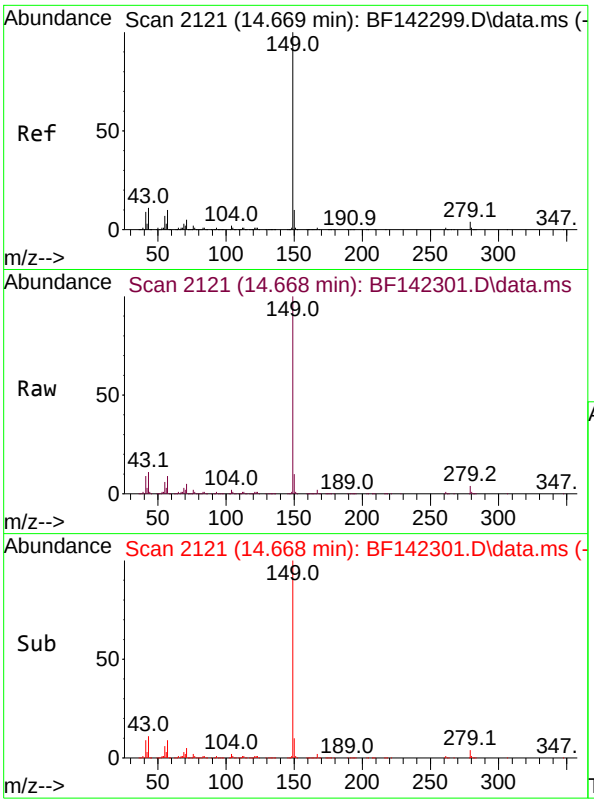


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.098 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:149 Resp: 769940

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.0	33.0
279	4.0	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 61.963 ng
RT: 14.668 min Scan# 2
Delta R.T. -0.001 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

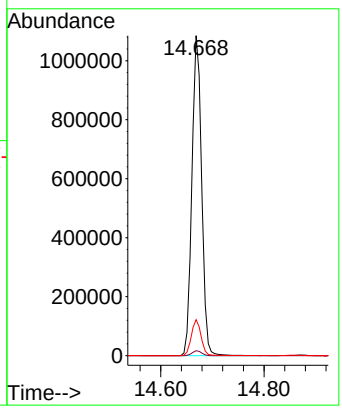
Tgt Ion:149 Resp: 141499

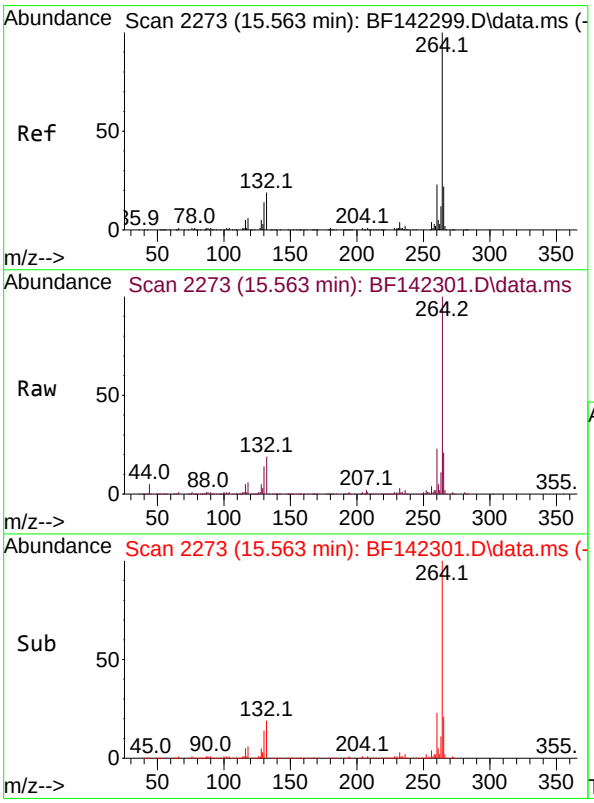
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.3	9.2	13.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

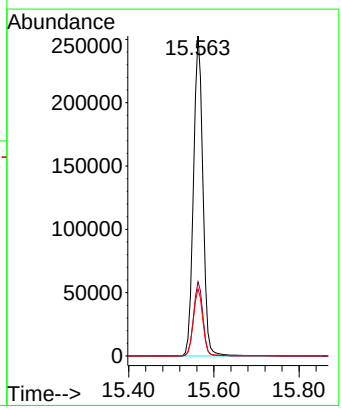


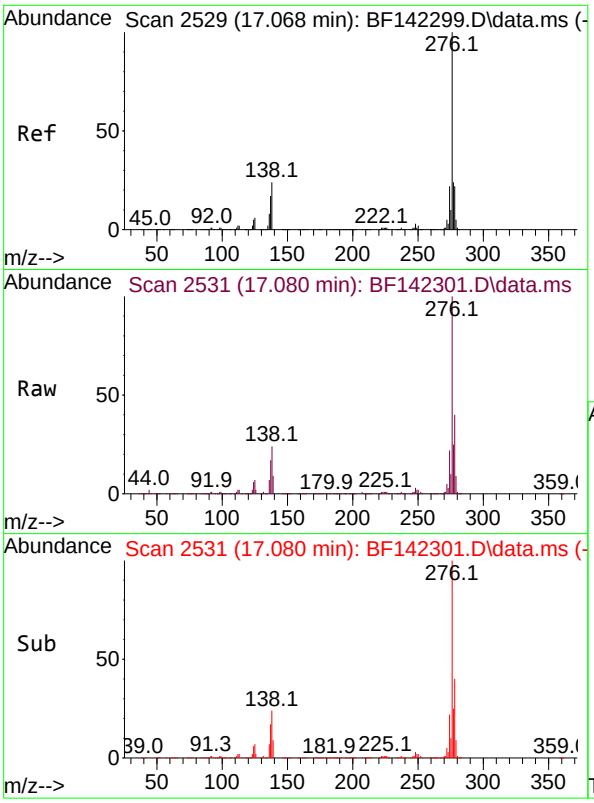


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:264 Resp: 387967

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	20.9	17.5	26.3

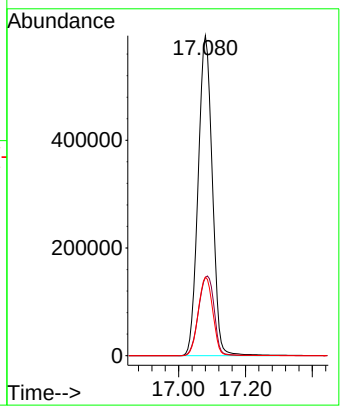




#87
Indeno(1,2,3-cd)pyrene
Concen: 64.842 ng
RT: 17.080 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:276 Resp: 174996

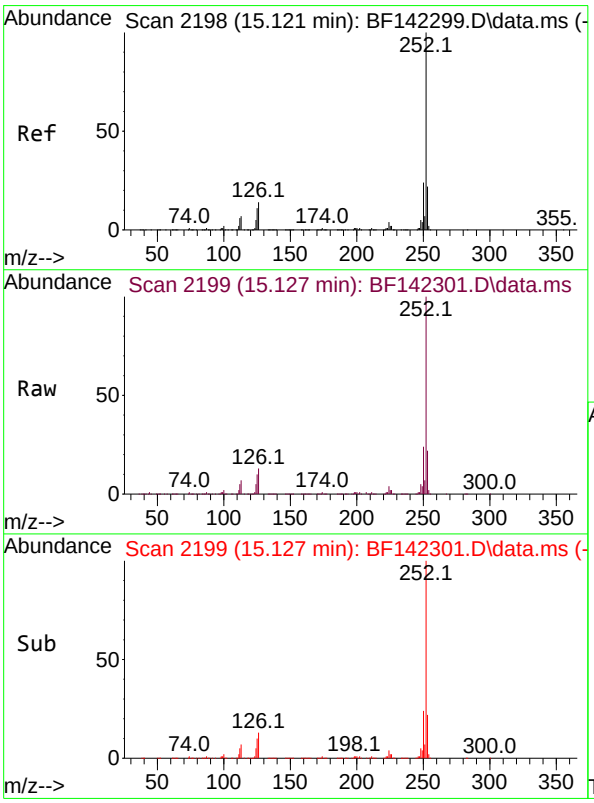
Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.0	33.0
277	25.3	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

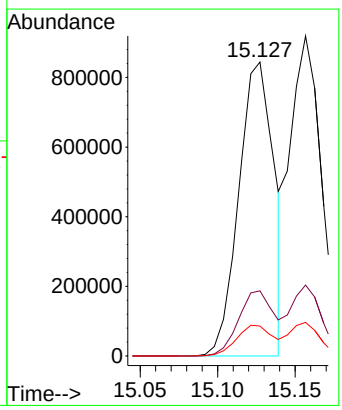
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

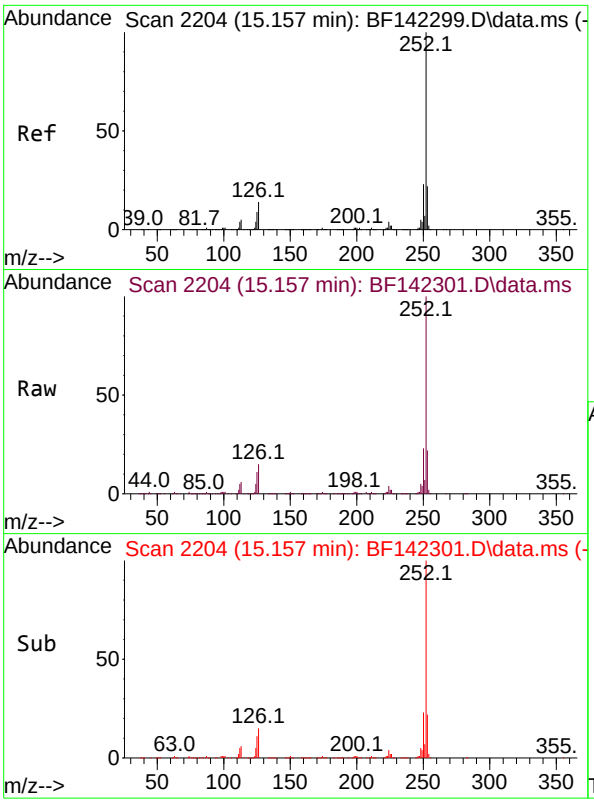


#88
Benzo(b)fluoranthene
Concen: 56.551 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:252 Resp: 1328806

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.7	13.1

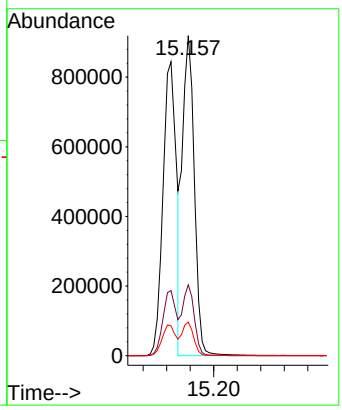




#89
Benzo(k)fluoranthene
Concen: 60.288 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:252 Resp: 129637

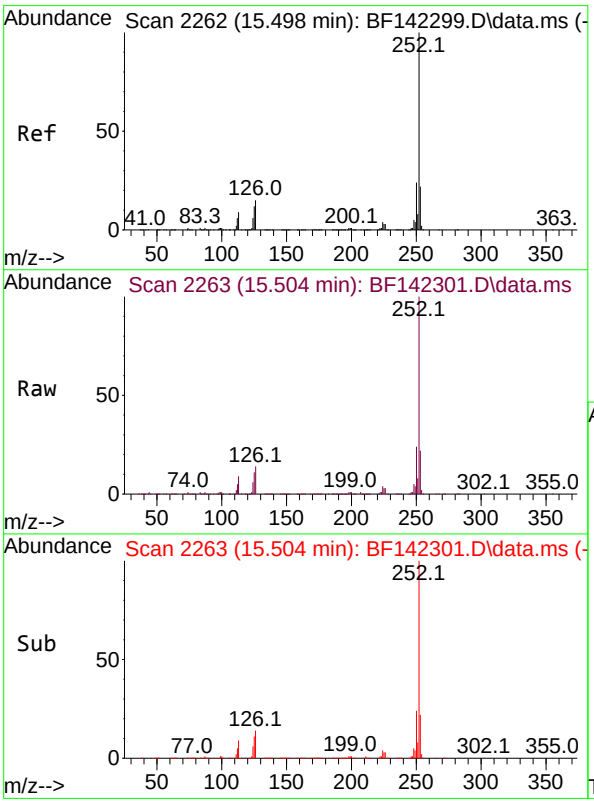
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.5	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

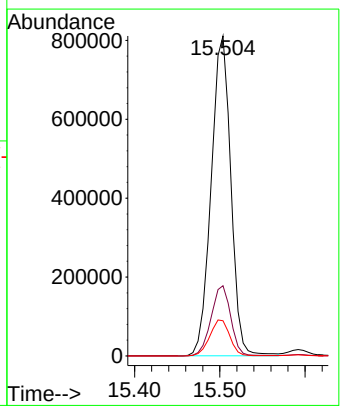
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

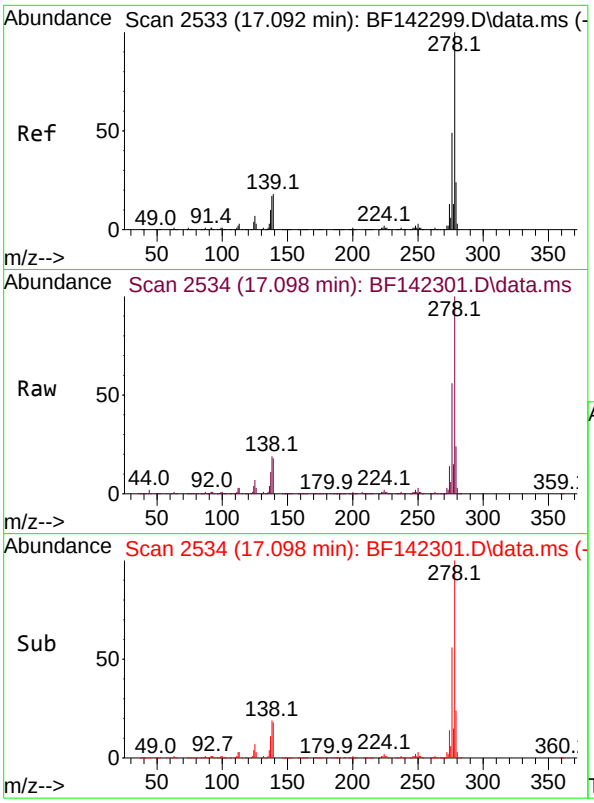


#90
Benzo(a)pyrene
Concen: 61.838 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:252 Resp: 1302088

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.0	9.4	14.0

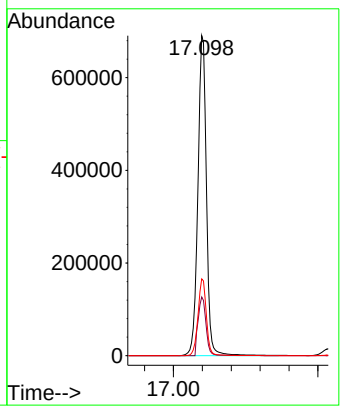




#91
Dibenzo(a,h)anthracene
Concen: 63.902 ng
RT: 17.098 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:278 Resp: 142478

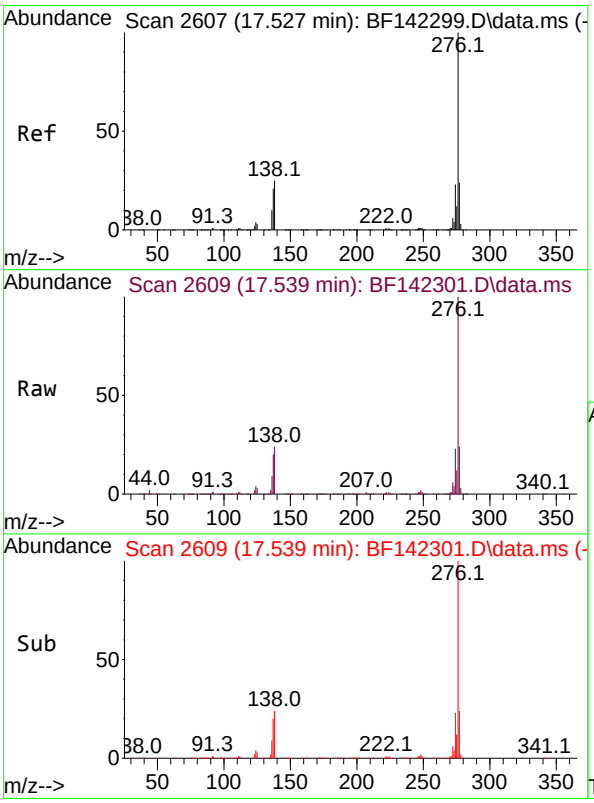
Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.5	21.7
279	24.0	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

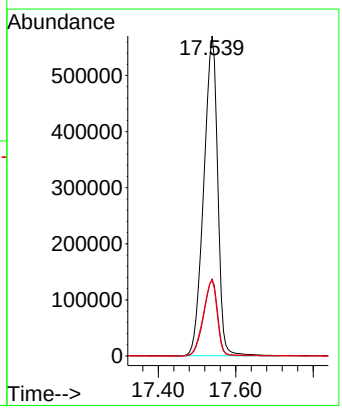
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#92
Benzo(g,h,i)perylene
Concen: 64.444 ng
RT: 17.539 min Scan# 2609
Delta R.T. 0.012 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:276 Resp: 1426095

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	23.6	19.8	29.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142302.D
Acq On : 05 May 2025 17:15
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 18:39:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:17:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	205452	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	801101	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	414811	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	679241	20.000	ng		0.00
76) Chrysene-d12	14.074	240	373928	20.000	ng		0.00
86) Perylene-d12	15.562	264	426614	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1784288	148.254	ng		0.00
7) Phenol-d6	6.534	99	2195377	148.311	ng		0.01
23) Nitrobenzene-d5	7.481	82	2128583	162.047	ng		0.01
42) 2,4,6-Tribromophenol	10.739	330	652850	163.012	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	3617174	124.337	ng		0.00
79) Terphenyl-d14	13.021	244	3360156	133.004	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	419794	77.457	ng		100
3) Pyridine	3.457	79	1043726	82.025	ng		99
4) n-Nitrosodimethylamine	3.422	42	579736	78.391	ng		99
6) Aniline	6.575	93	1209360	83.294	ng		100
8) 2-Chlorophenol	6.692	128	1007022	78.300	ng		99
10) Phenol	6.551	94	1172548m	74.728	ng		
11) bis(2-Chloroethyl)ether	6.645	93	1143684m	73.913	ng		
12) 1,3-Dichlorobenzene	6.851	146	1066308	72.470	ng		99
13) 1,4-Dichlorobenzene	6.928	146	1063540	71.991	ng		99
14) 1,2-Dichlorobenzene	7.081	146	1030293	72.657	ng		99
15) Benzyl Alcohol	7.051	79	799114	83.370	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1679925	72.703	ng		99
17) 2-Methylphenol	7.157	107	803596	77.177	ng		98
18) Hexachloroethane	7.422	117	380705	77.452	ng		99
19) n-Nitroso-di-n-propyla...	7.334	70	688261	75.168	ng		97
20) 3+4-Methylphenols	7.316	107	921424	70.906	ng	#	89
22) Acetophenone	7.322	105	1245347	69.916	ng	#	94
24) Nitrobenzene	7.498	77	978534	79.029	ng		97
25) Isophorone	7.739	82	1916388	77.044	ng		100
26) 2-Nitrophenol	7.810	139	496348	80.172	ng		99
27) 2,4-Dimethylphenol	7.839	122	958602	76.651	ng		100
28) bis(2-Chloroethoxy)met...	7.939	93	1171369	73.236	ng		100
29) 2,4-Dichlorophenol	8.045	162	832329	78.283	ng		100
30) 1,2,4-Trichlorobenzene	8.133	180	868126	72.551	ng		99
31) Naphthalene	8.216	128	2675722	68.916	ng		99
32) Benzoic acid	7.975	122	622313m	79.184	ng		
33) 4-Chloroaniline	8.263	127	1251630m	79.003	ng		
34) Hexachlorobutadiene	8.333	225	520499	73.460	ng		99
35) Caprolactam	8.651	113	261433m	84.368	ng		
36) 4-Chloro-3-methylphenol	8.739	107	840535	76.050	ng		100
37) 2-Methylnaphthalene	8.904	142	1669985	69.220	ng		98
38) 1-Methylnaphthalene	9.004	142	1714046	68.165	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	849773	73.349	ng		99
41) Hexachlorocyclopentadiene	9.057	237	612608	85.560	ng		100
43) 2,4,6-Trichlorophenol	9.180	196	605787	82.898	ng		99
44) 2,4,5-Trichlorophenol	9.216	196	611514	78.648	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142302.D
Acq On : 05 May 2025 17:15
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 18:39:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:17:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.369	154	2173202	68.328	ng		99
47) 2-Chloronaphthalene	9.398	162	1688751	71.397	ng		99
48) 2-Nitroaniline	9.486	65	547789	90.354	ng		98
49) Acenaphthylene	9.810	152	2763028	69.830	ng		98
50) Dimethylphthalate	9.675	163	1968431	73.901	ng		100
51) 2,6-Dinitrotoluene	9.733	165	437098	87.669	ng		93
52) Acenaphthene	9.986	154	1694020	71.203	ng		99
53) 3-Nitroaniline	9.904	138	510152	87.244	ng		96
54) 2,4-Dinitrophenol	10.004	184	210652	80.686	ng	#	3
55) Dibenzofuran	10.157	168	2410169	68.642	ng		98
56) 4-Nitrophenol	10.051	139	383978	87.250	ng		97
57) 2,4-Dinitrotoluene	10.133	165	566575	88.591	ng		99
58) Fluorene	10.498	166	1792549	66.896	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	520638	81.113	ng		98
60) Diethylphthalate	10.369	149	1909012	71.766	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	888242	68.707	ng		98
62) 4-Nitroaniline	10.516	138	323923	69.894	ng		99
63) Azobenzene	10.651	77	1821504	71.660	ng		99
65) 4,6-Dinitro-2-methylph...	10.539	198	273917	80.746	ng		96
66) n-Nitrosodiphenylamine	10.610	169	1658390	73.372	ng		100
67) 4-Bromophenyl-phenylether	10.980	248	590568	76.716	ng		98
68) Hexachlorobenzene	11.045	284	650802	76.857	ng		96
69) Atrazine	11.133	200	476112	79.910	ng		99
70) Pentachlorophenol	11.233	266	390517	87.666	ng		97
71) Phenanthrene	11.463	178	2460275	69.101	ng		98
72) Anthracene	11.516	178	2518162	68.834	ng		99
73) Carbazole	11.663	167	2274167	69.290	ng		99
74) Di-n-butylphthalate	11.992	149	2521480	73.060	ng		99
75) Fluoranthene	12.645	202	2345160	65.892	ng		99
77) Benzidine	12.774	184	504643	74.263	ng		99
78) Pyrene	12.874	202	2325631	69.874	ng		99
80) Butylbenzylphthalate	13.492	149	788213	78.621	ng		99
81) Benzo(a)anthracene	14.063	228	1782801	73.621	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	474263	84.217	ng		99
83) Chrysene	14.104	228	1687889	74.873	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	1042846	79.404	ng		100
85) Di-n-octyl phthalate	14.668	149	1969676	80.100	ng		99
87) Indeno(1,2,3-cd)pyrene	17.086	276	2392344	80.614	ng		100
88) Benzo(b)fluoranthene	15.127	252	1972745	76.350	ng		99
89) Benzo(k)fluoranthene	15.162	252	1653244	69.919	ng		100
90) Benzo(a)pyrene	15.504	252	1797975	77.653	ng		100
91) Dibenzo(a,h)anthracene	17.109	278	1926135	78.562	ng		99
92) Benzo(g,h,i)perylene	17.551	276	1951121	80.182	ng		99

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

ICAL Form

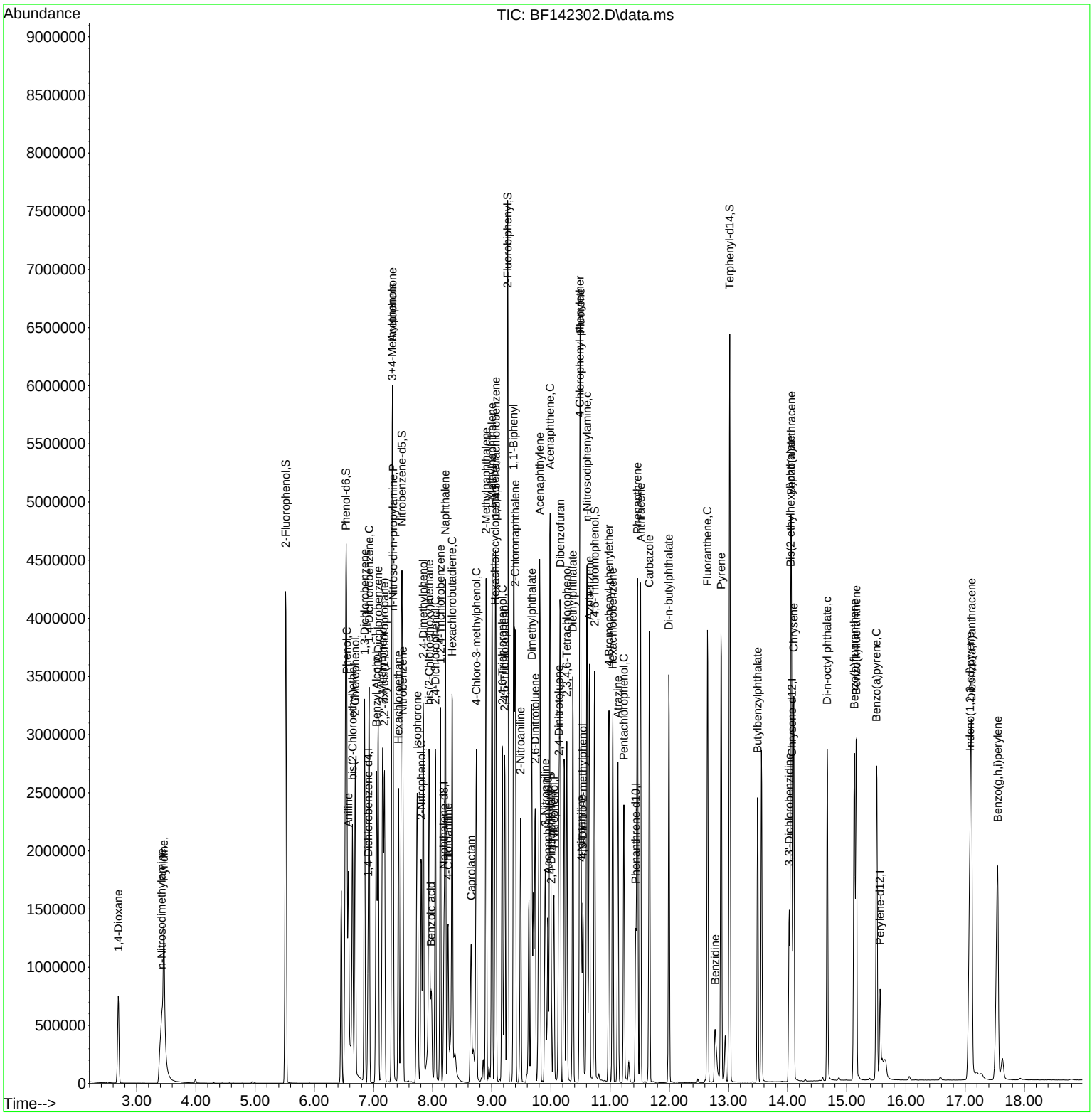
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Data File : BF142302.D
Acq On : 05 May 2025 17:15
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

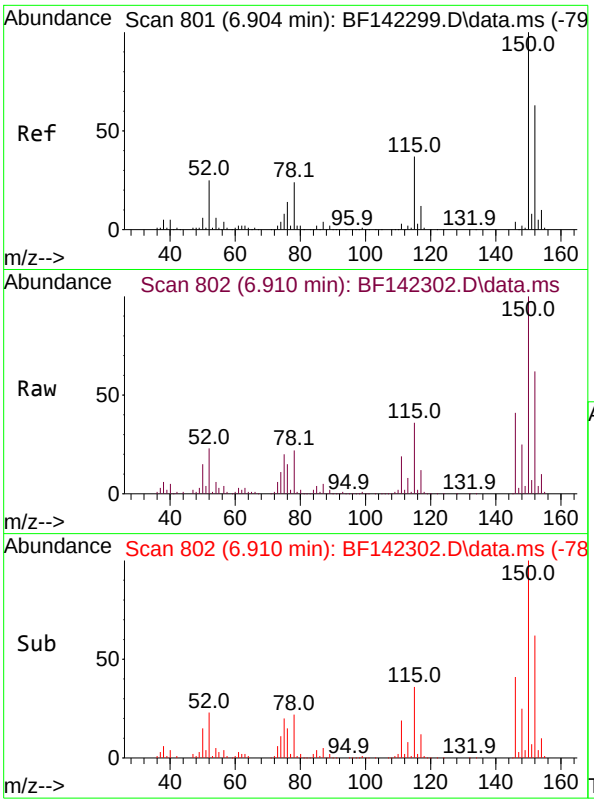
Quant Time: May 05 18:39:28 2025
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QLast Update : Mon May 05 18:17:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

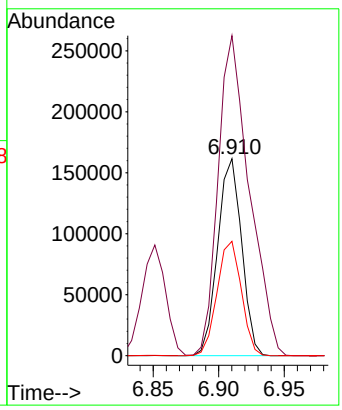




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:152 Resp: 20545

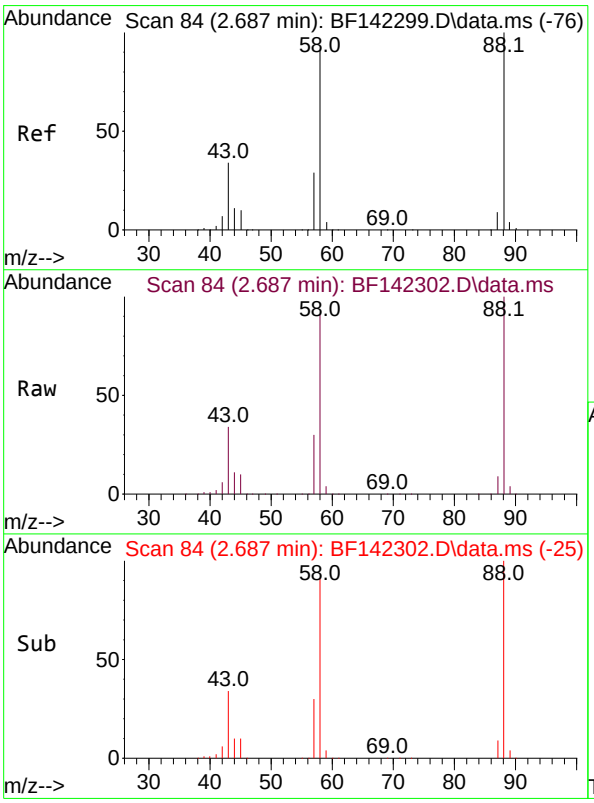
Ion	Ratio	Lower	Upper
152	100		
150	162.5	126.6	190.0
115	58.1	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

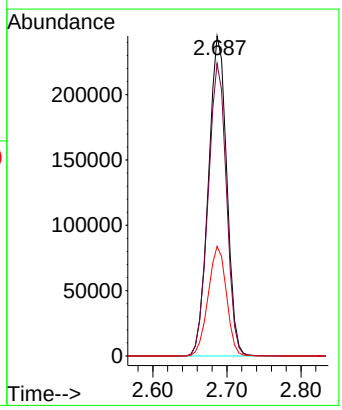
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

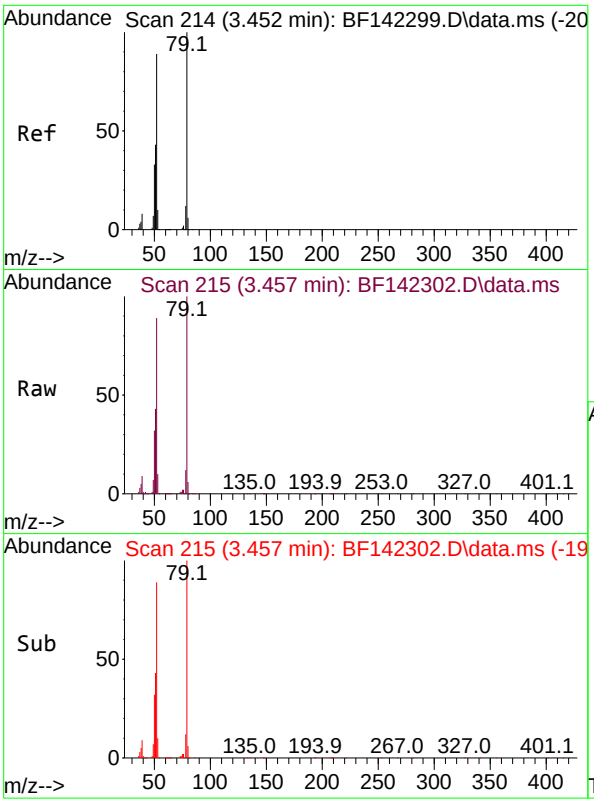


#2
1,4-Dioxane
Concen: 77.457 ng
RT: 2.687 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 88 Resp: 419794

Ion	Ratio	Lower	Upper
88	100		
58	91.0	73.0	109.4
43	34.2	27.8	41.6

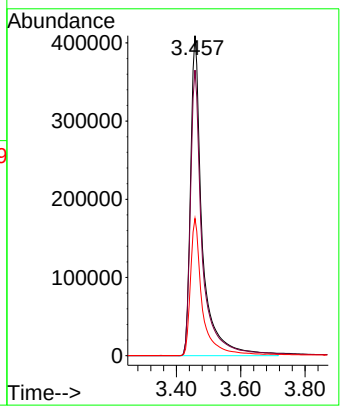




#3
Pyridine
Concen: 82.025 ng
RT: 3.457 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 79 Resp: 104372

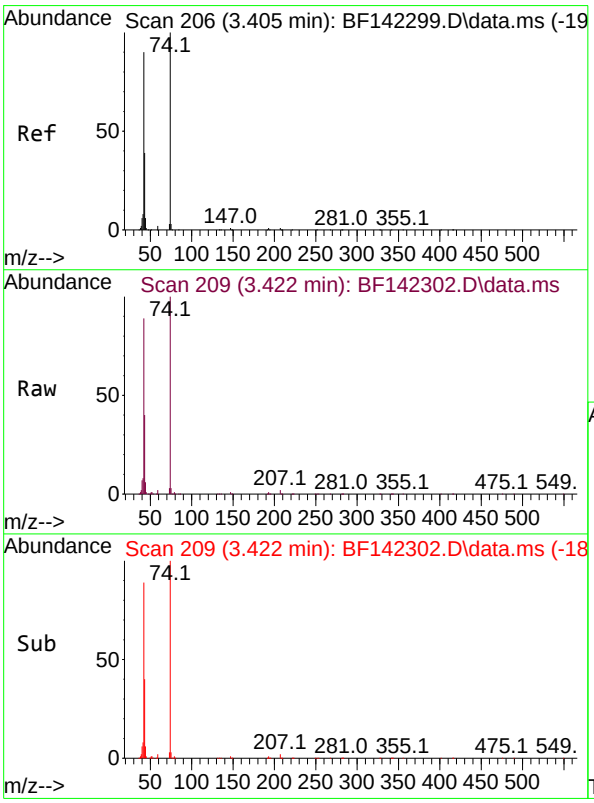
Ion	Ratio	Lower	Upper
79	100		
52	89.3	71.0	106.4
51	42.9	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

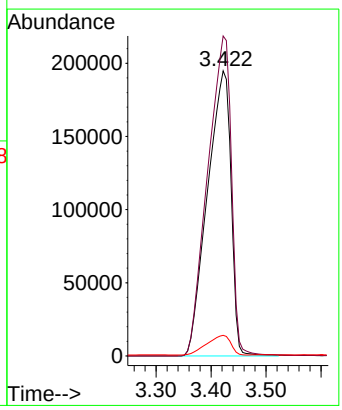
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

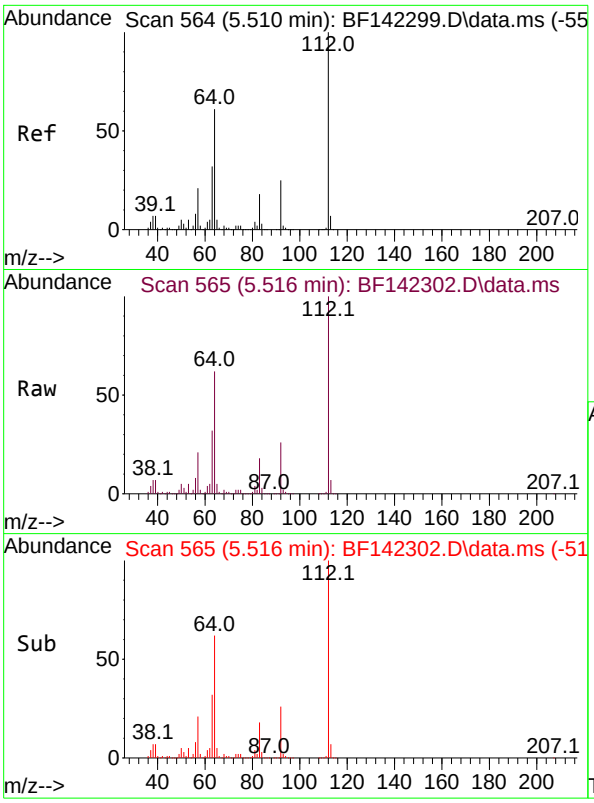


#4
n-Nitrosodimethylamine
Concen: 78.391 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.017 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 42 Resp: 579736

Ion	Ratio	Lower	Upper
42	100		
74	112.3	88.5	132.7
44	7.3	5.8	8.8





#5
2-Fluorophenol
Concen: 148.254 ng
RT: 5.516 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

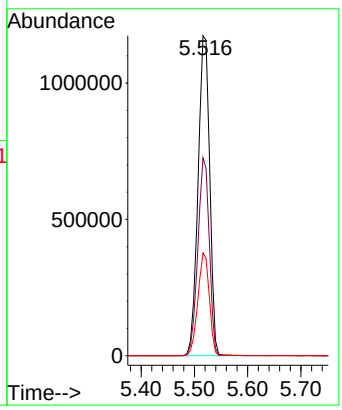
Tgt Ion:112 Resp: 178428

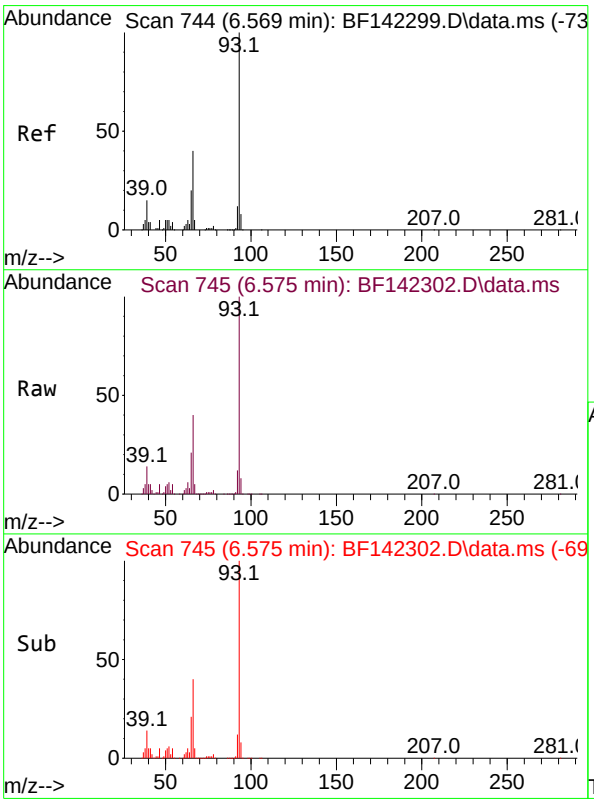
Ion	Ratio	Lower	Upper
112	100		
64	61.8	48.9	73.3
63	32.1	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

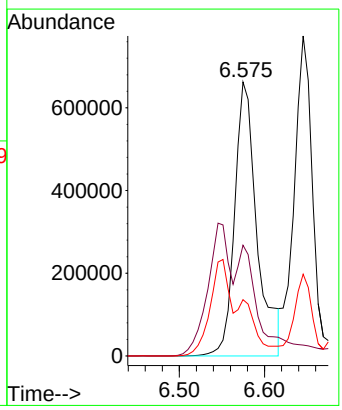


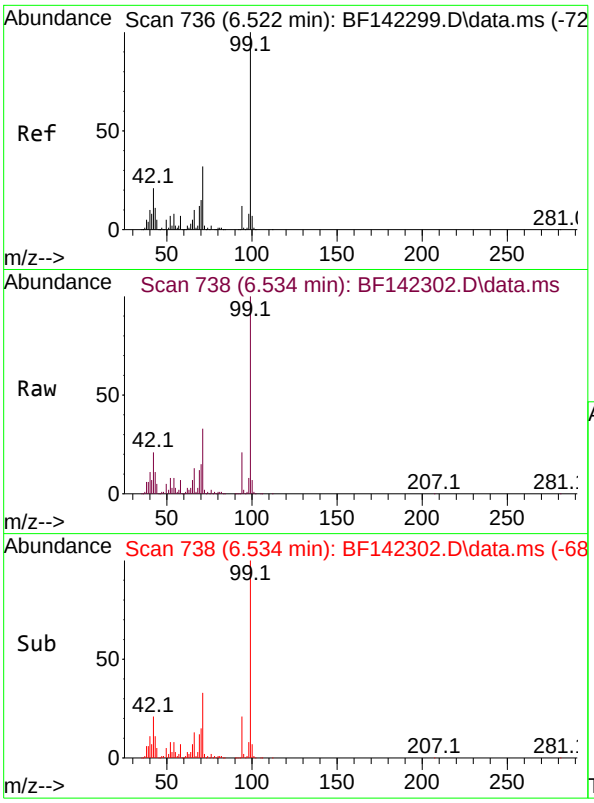


#6
Aniline
Concen: 83.294 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 93 Resp: 1209360

Ion	Ratio	Lower	Upper
93	100		
66	40.4	32.2	48.4
65	20.6	16.3	24.5

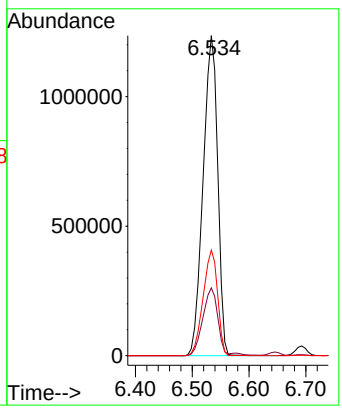




#7
Phenol-d6
Concen: 148.311 ng
RT: 6.534 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 99 Resp: 219537

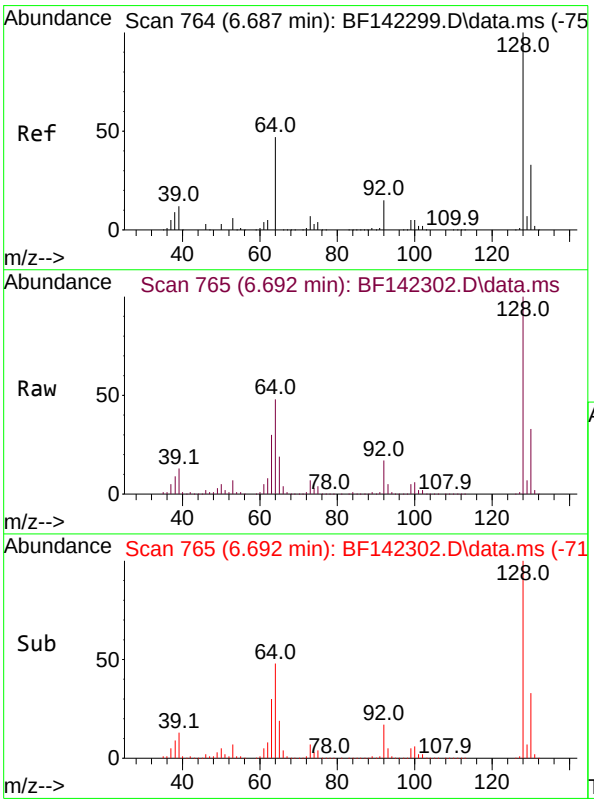
Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.4
71	33.0	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

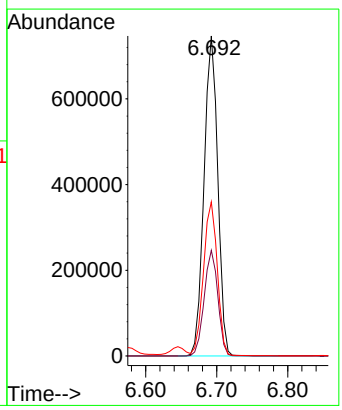
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

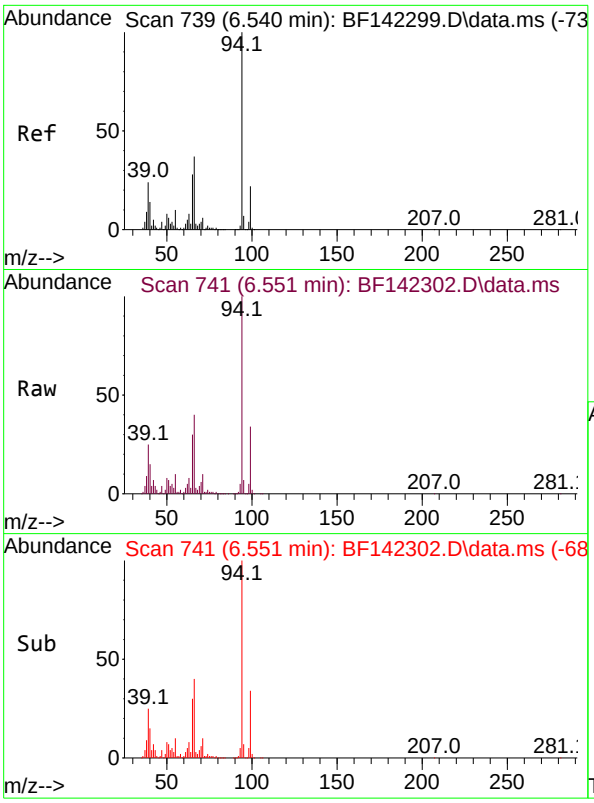


#8
2-Chlorophenol
Concen: 78.300 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:128 Resp: 1007022

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.7	52.7
64	48.1	29.2	69.2

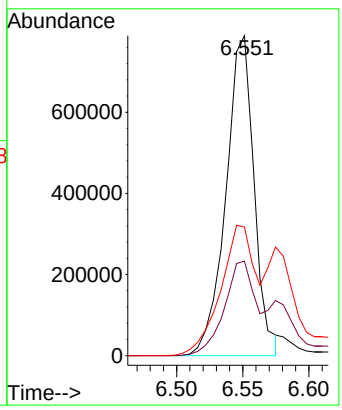




#10
Phenol
Concen: 74.728 ng m
RT: 6.551 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 94 Resp: 117254

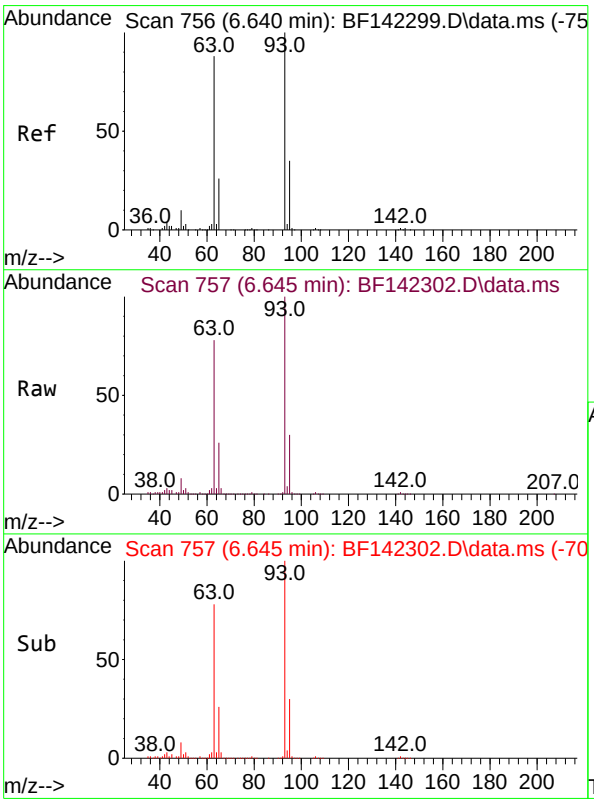
Ion	Ratio	Lower	Upper
94	100		
65	29.6	8.5	48.5
66	40.2	17.3	57.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

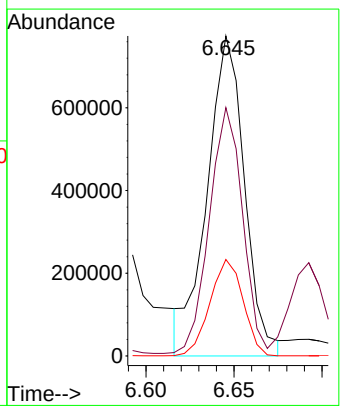
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

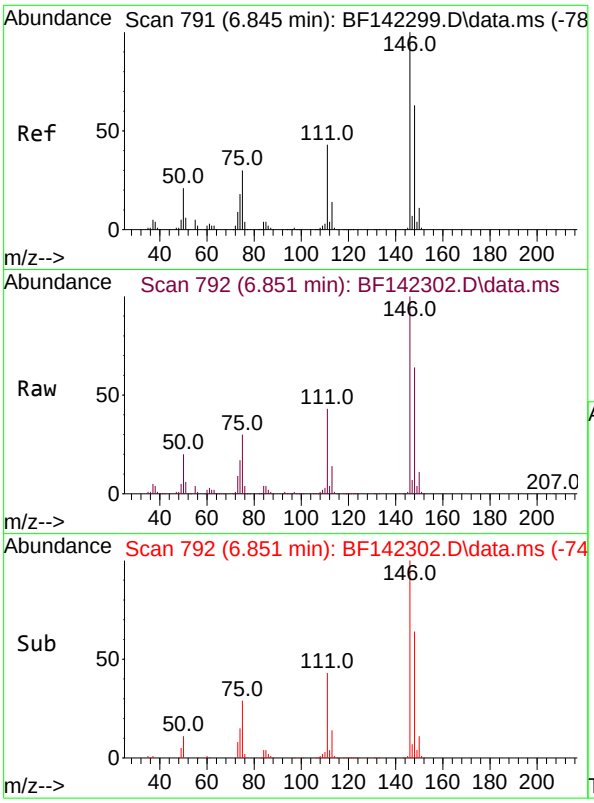


#11
bis(2-Chloroethyl)ether
Concen: 73.913 ng m
RT: 6.645 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 93 Resp: 1143684

Ion	Ratio	Lower	Upper
93	100		
63	77.6	58.4	98.4
95	30.1	10.6	50.6

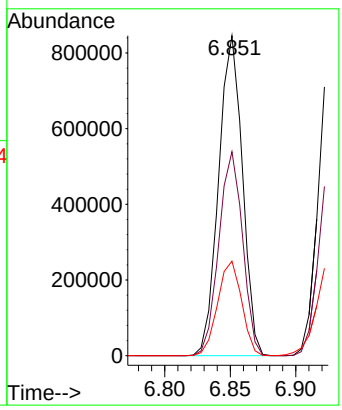




#12
1,3-Dichlorobenzene
Concen: 72.470 ng
RT: 6.851 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:146 Resp: 106630

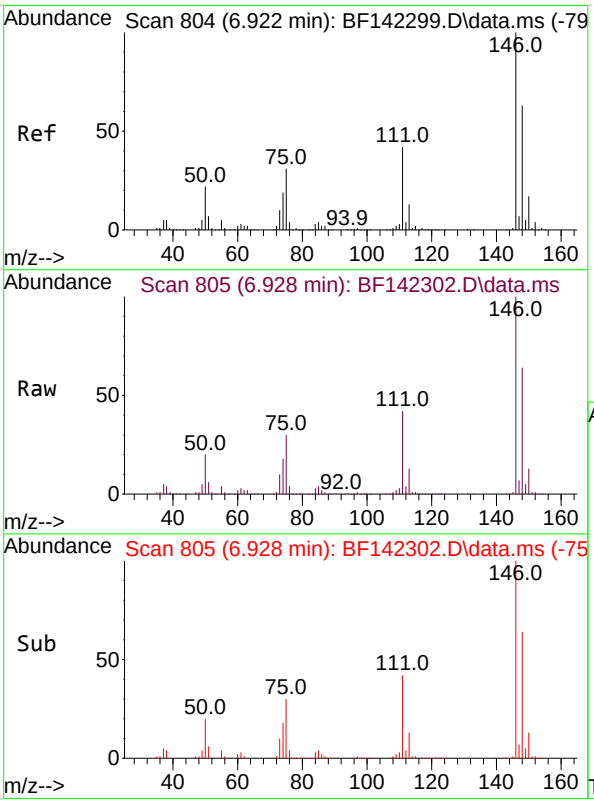
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
75	29.6	24.2	36.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

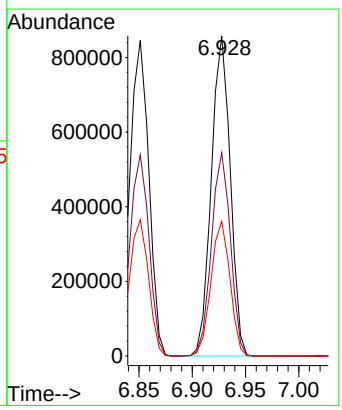
Reviewed By :Rahul Chavli 05/06/2025
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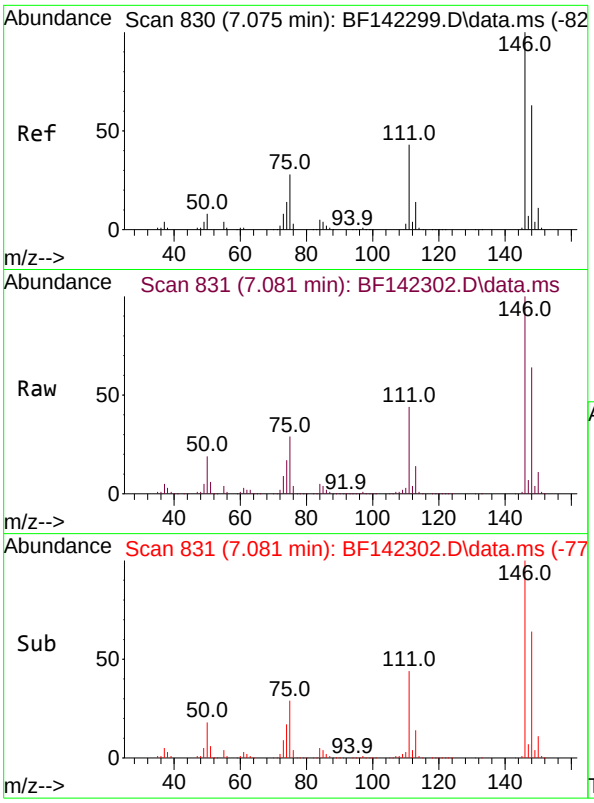


#13
1,4-Dichlorobenzene
Concen: 71.991 ng
RT: 6.928 min Scan# 805
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:146 Resp: 1063540

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.5	75.7
111	42.1	33.4	50.2

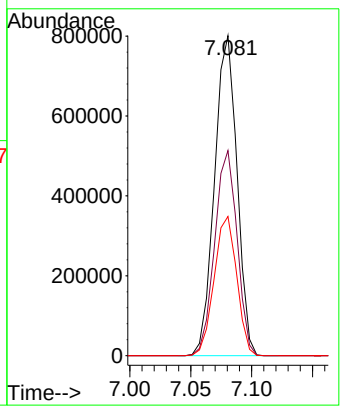




#14
1,2-Dichlorobenzene
Concen: 72.657 ng
RT: 7.081 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:146 Resp: 103029

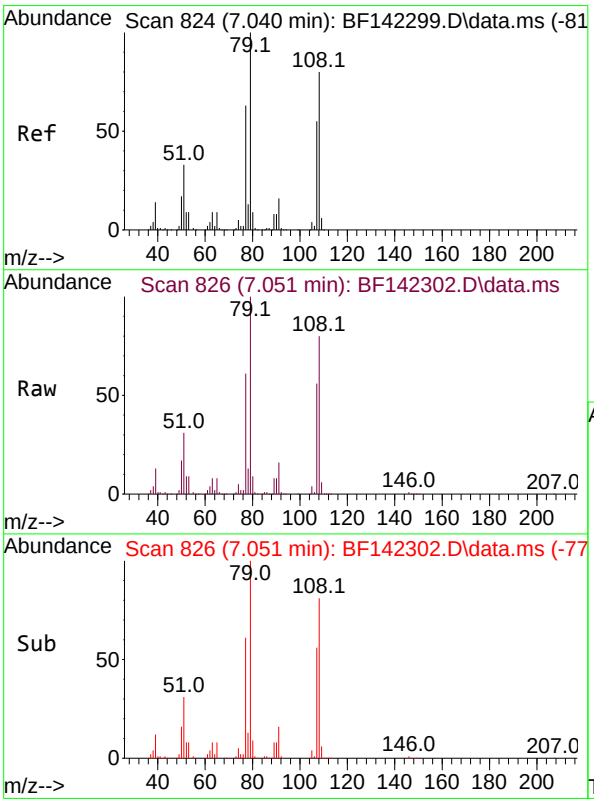
Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
111	43.5	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

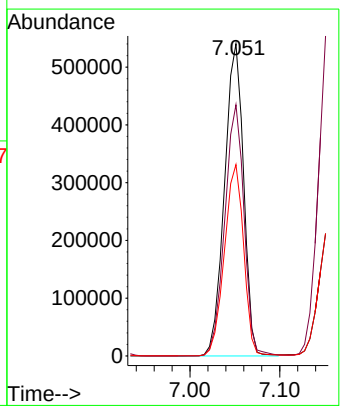
Reviewed By :Rahul Chavli 05/06/2025
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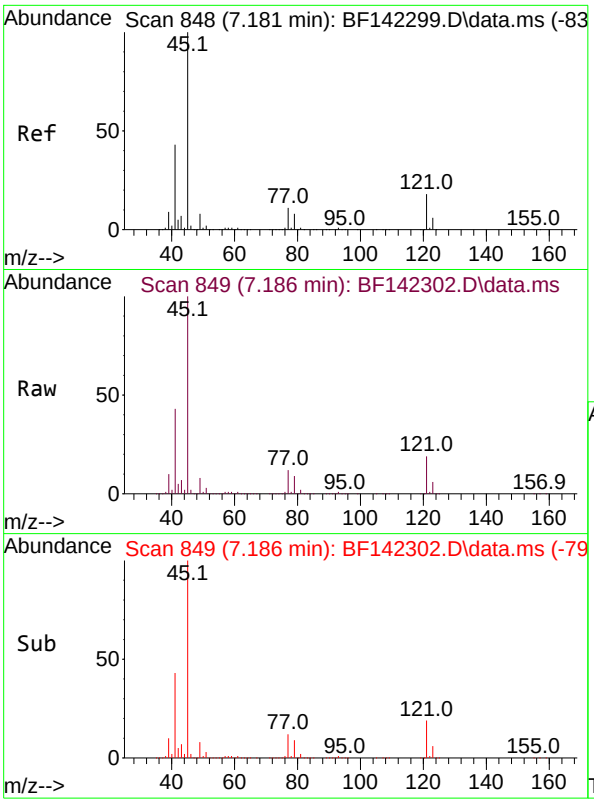


#15
Benzyl Alcohol
Concen: 83.370 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 79 Resp: 799114

Ion	Ratio	Lower	Upper
79	100		
108	80.5	63.9	95.9
77	61.3	50.7	76.1





#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.703 ng
RT: 7.186 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

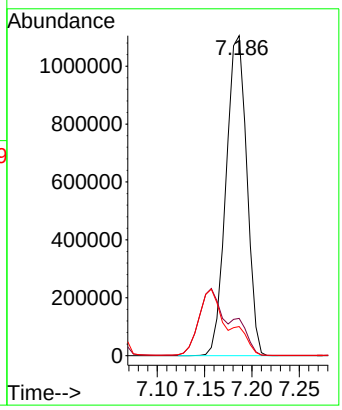
Tgt Ion: 45 Resp: 167992

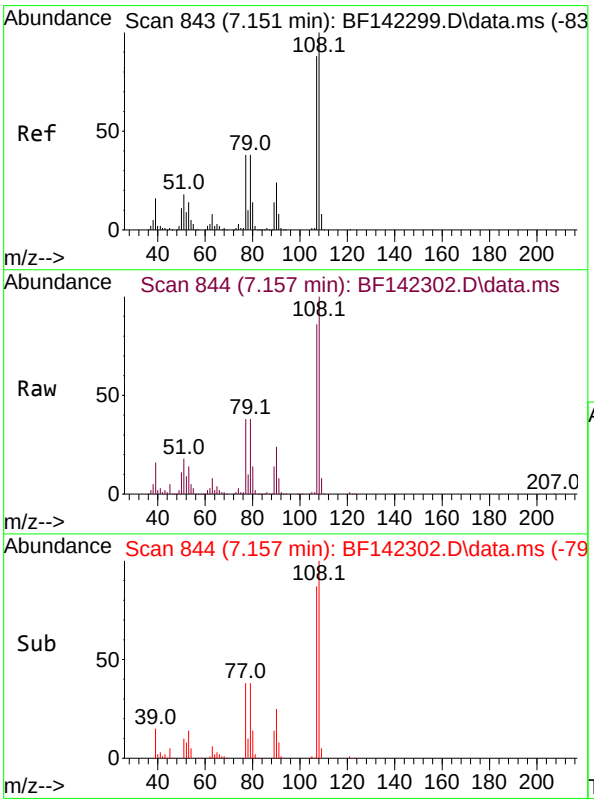
Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	31.2
79	9.1	0.0	28.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

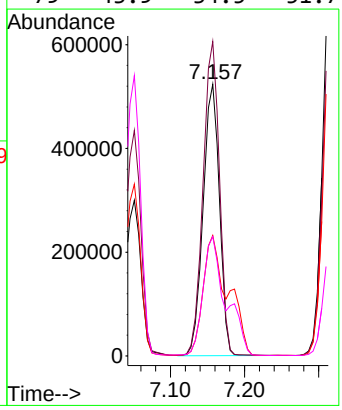


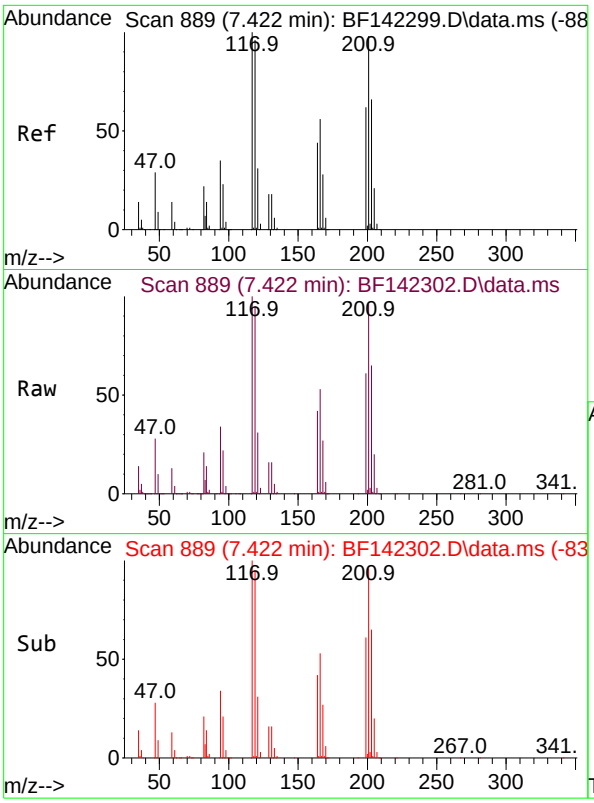


#17
2-Methylphenol
Concen: 77.177 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:107 Resp: 803596

Ion	Ratio	Lower	Upper
107	100		
108	115.7	91.1	136.7
77	44.4	34.7	52.1
79	43.9	34.5	51.7

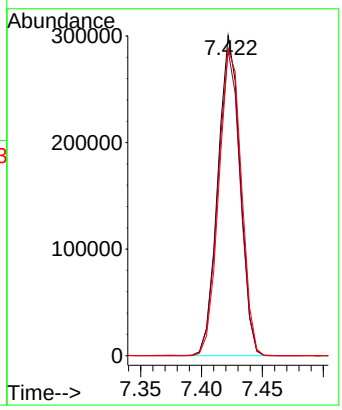




#18
Hexachloroethane
Concen: 77.452 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:117 Resp: 38070

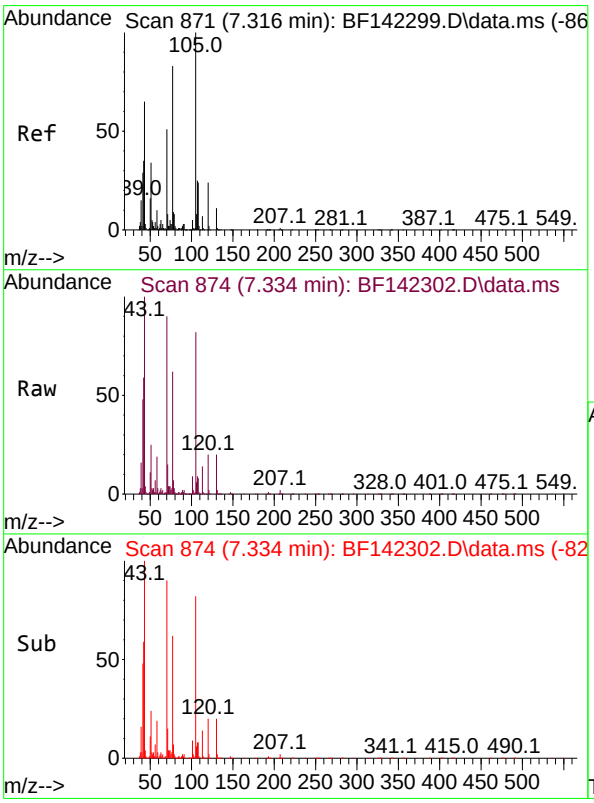
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.9	115.3
201	96.0	78.0	117.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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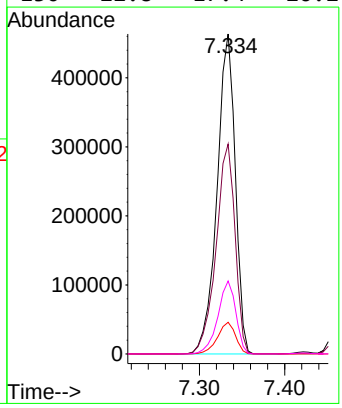
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

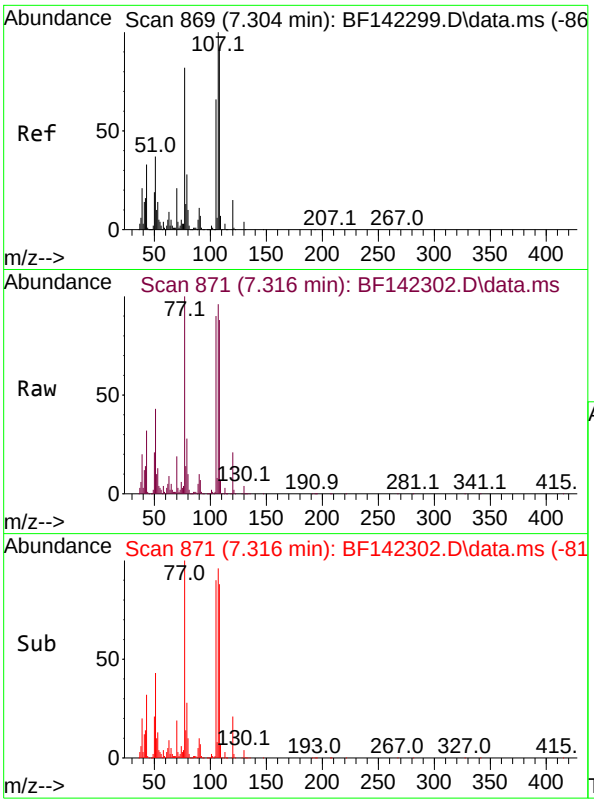


#19
n-Nitroso-di-n-propylamine
Concen: 75.168 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.018 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 70 Resp: 688261

Ion	Ratio	Lower	Upper
70	100		
42	65.6	54.8	82.2
101	9.9	7.7	11.5
130	22.8	17.4	26.2

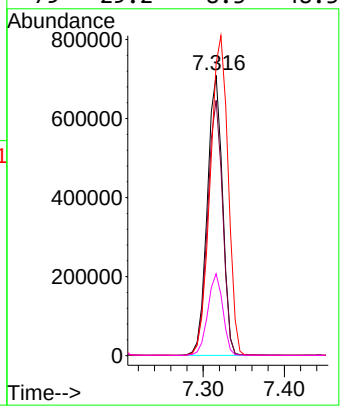




#20
3+4-Methylphenols
Concen: 70.906 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:107 Resp: 92142

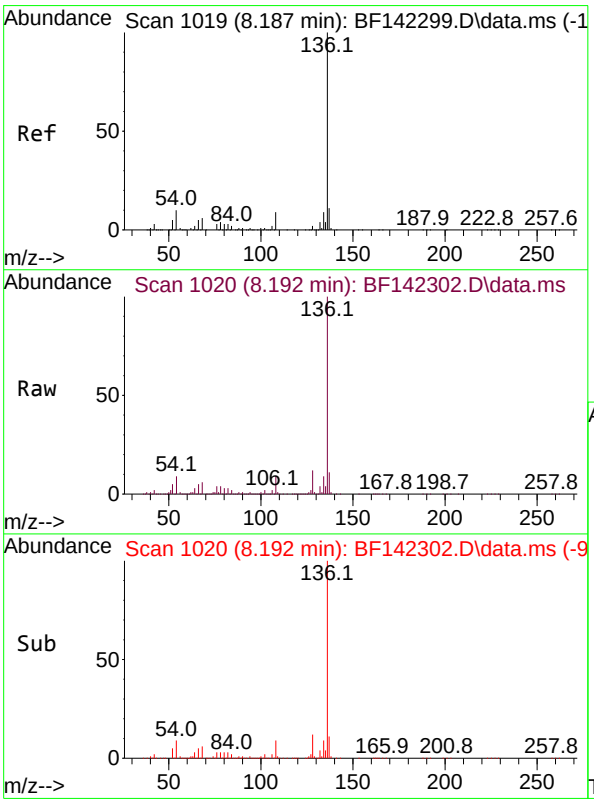
Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.5	111.5
77	104.1	61.6	101.6
79	29.2	8.3	48.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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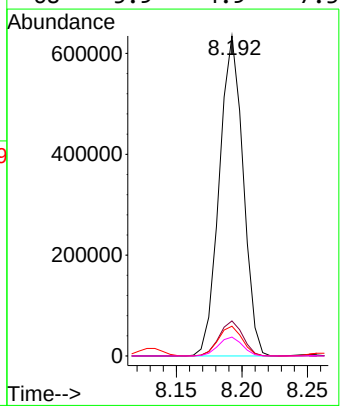
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

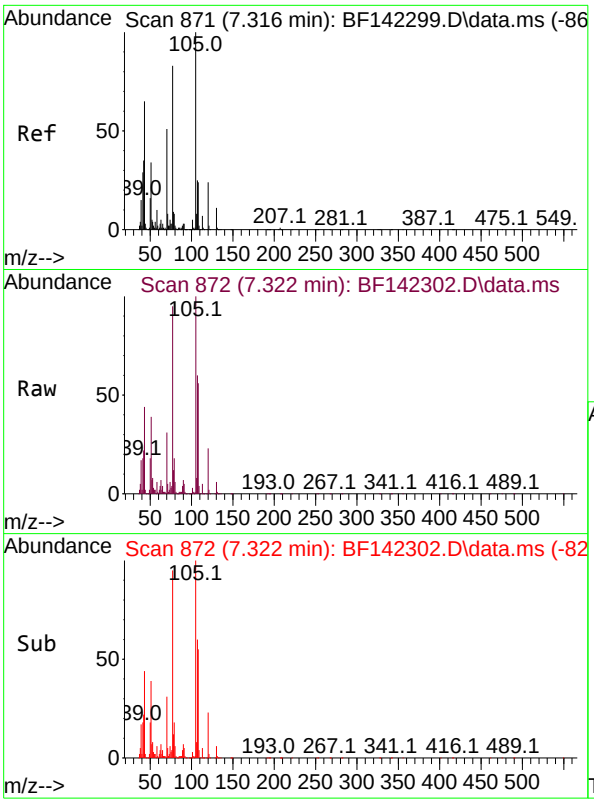


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:136 Resp: 801101

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.3	7.7	11.5
68	5.9	4.9	7.3

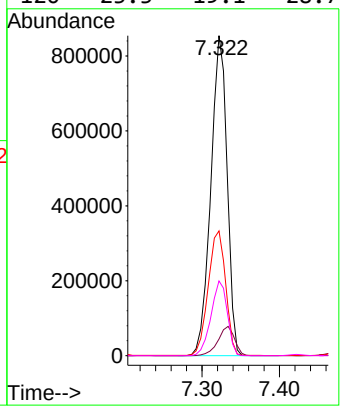




#22
Acetophenone
Concen: 69.916 ng
RT: 7.322 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:105 Resp: 124534

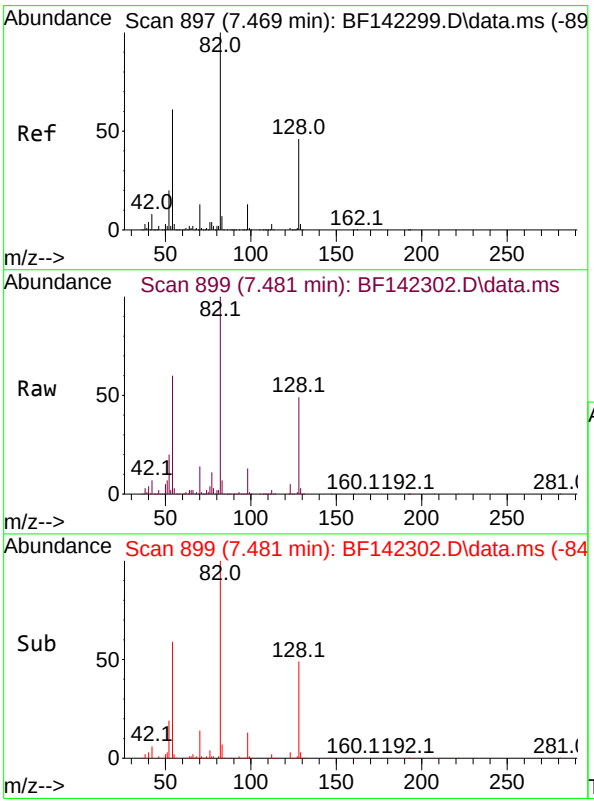
Ion	Ratio	Lower	Upper
105	100		
71	5.2	6.7	10.1#
51	39.0	27.6	41.4
120	23.3	19.1	28.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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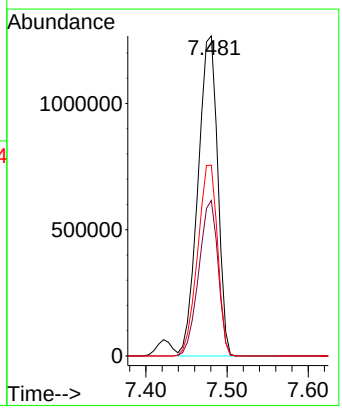
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

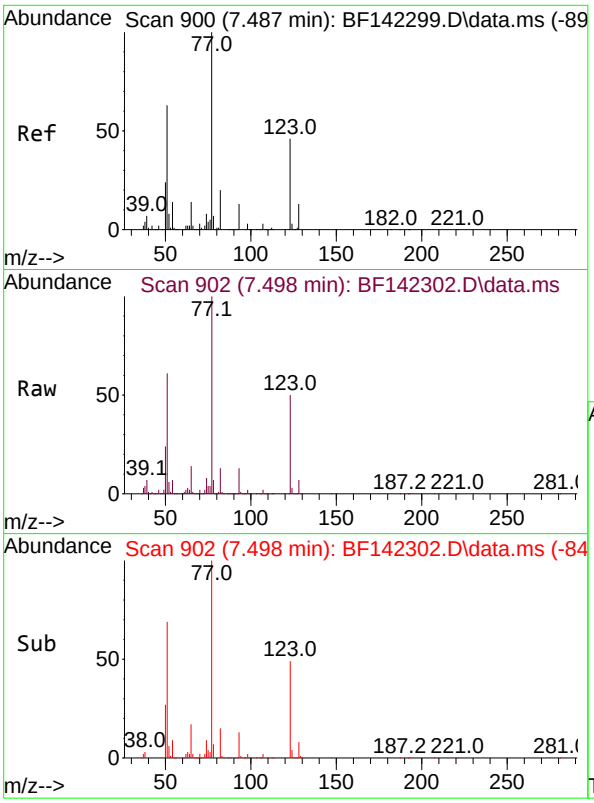


#23
Nitrobenzene-d5
Concen: 162.047 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 82 Resp: 2128583

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.0	55.6
54	59.7	48.6	73.0





#24
Nitrobenzene
Concen: 79.029 ng
RT: 7.498 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

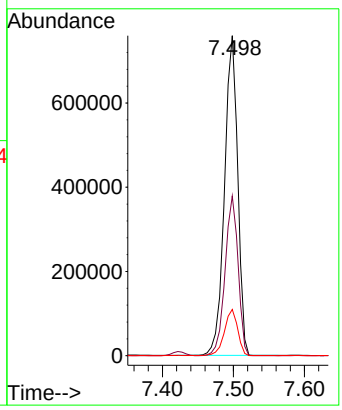
Tgt Ion: 77 Resp: 97853

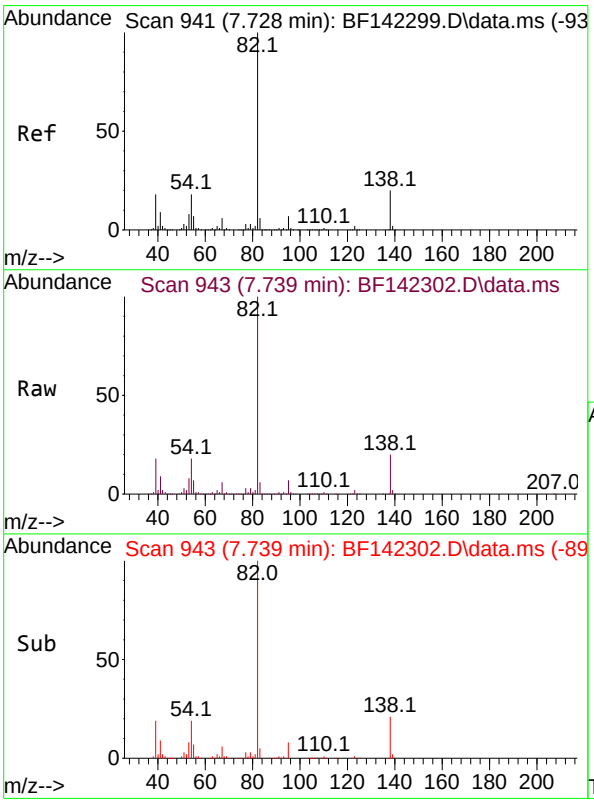
Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.8	56.8
65	14.5	11.4	17.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

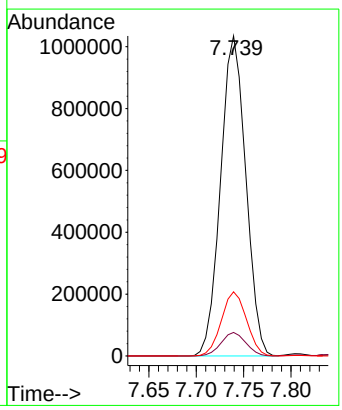


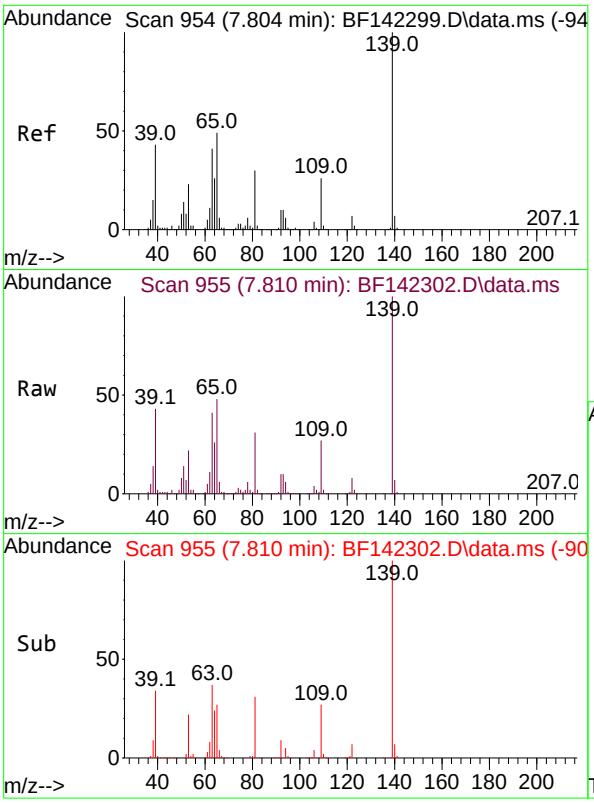


#25
Isophorone
Concen: 77.044 ng
RT: 7.739 min Scan# 943
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 82 Resp: 1916388

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	20.1	16.1	24.1





#26
2-Nitrophenol
Concen: 80.172 ng
RT: 7.810 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

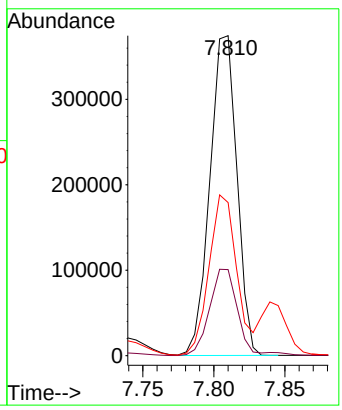
Tgt Ion:139 Resp: 49634

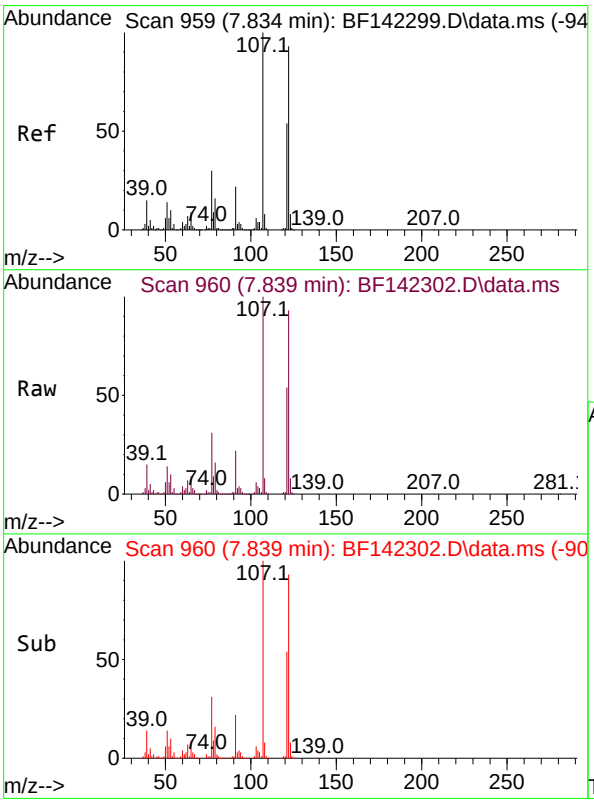
Ion	Ratio	Lower	Upper
139	100		
109	26.9	20.8	31.2
65	47.8	38.9	58.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

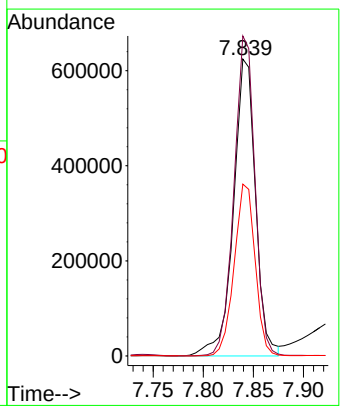


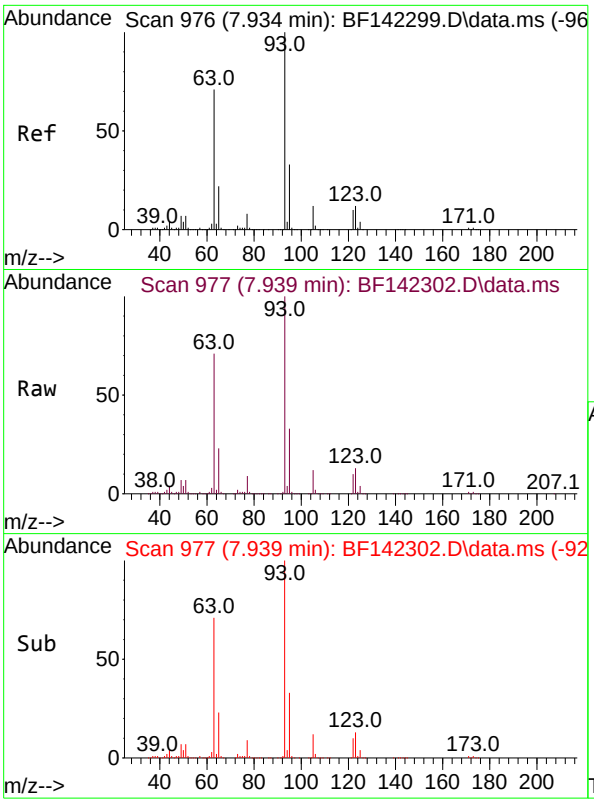


#27
2,4-Dimethylphenol
Concen: 76.651 ng
RT: 7.839 min Scan# 960
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:122 Resp: 958602

Ion	Ratio	Lower	Upper
122	100		
107	107.7	86.0	129.0
121	57.8	46.2	69.4





#28
bis(2-Chloroethoxy)methane
Concen: 73.236 ng
RT: 7.939 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

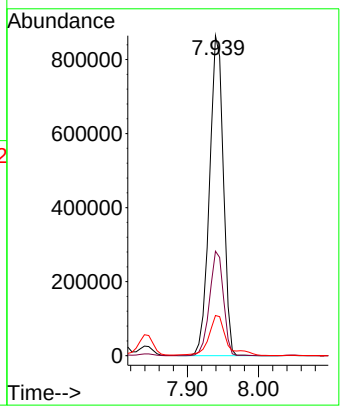
Tgt Ion: 93 Resp: 117136

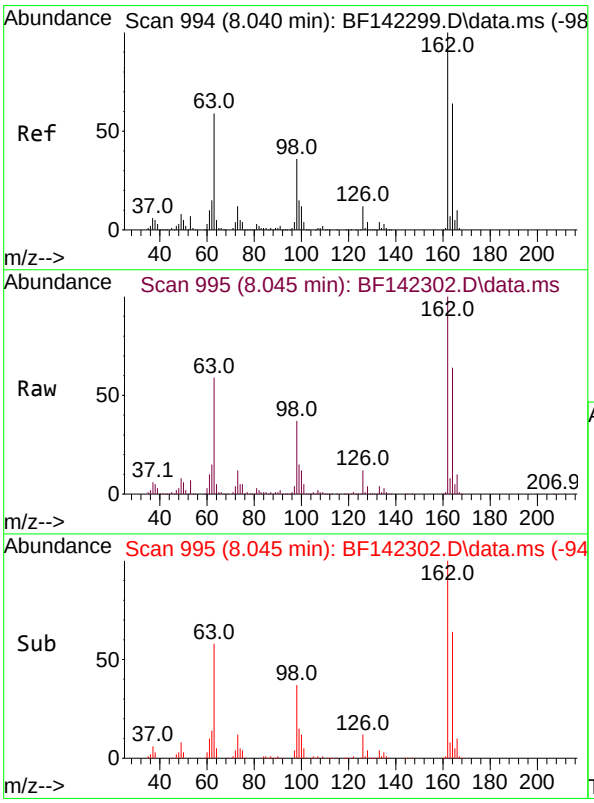
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	12.5	10.2	15.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

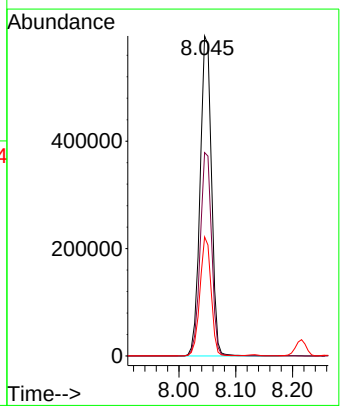


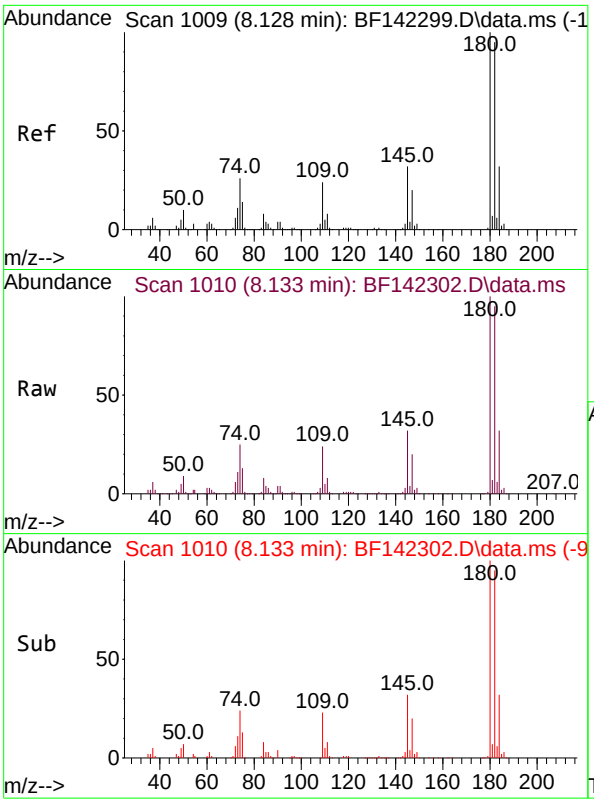


#29
2,4-Dichlorophenol
Concen: 78.283 ng
RT: 8.045 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:162 Resp: 832329

Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.6	83.6
98	37.2	16.5	56.5

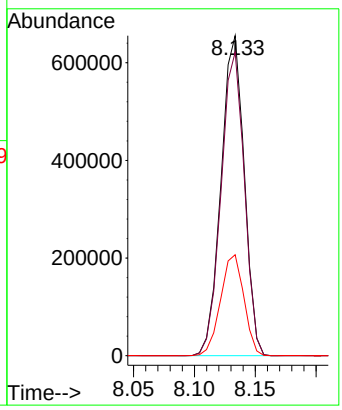




#30
1,2,4-Trichlorobenzene
Concen: 72.551 ng
RT: 8.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:180 Resp: 86812

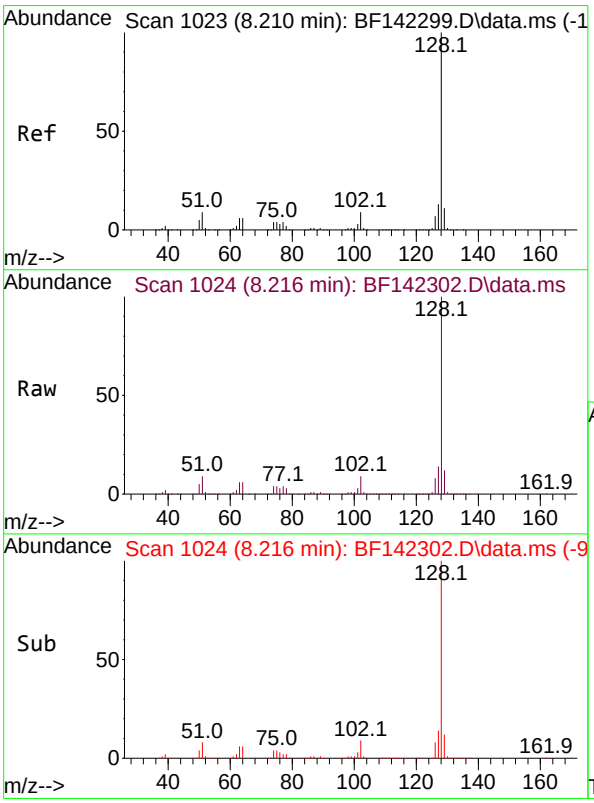
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.4
145	31.6	25.8	38.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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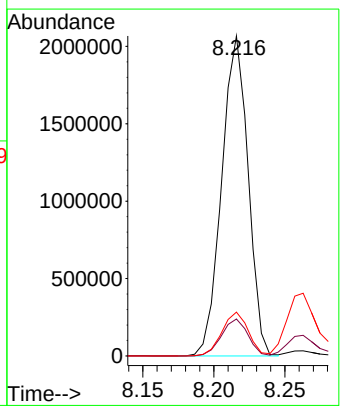
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

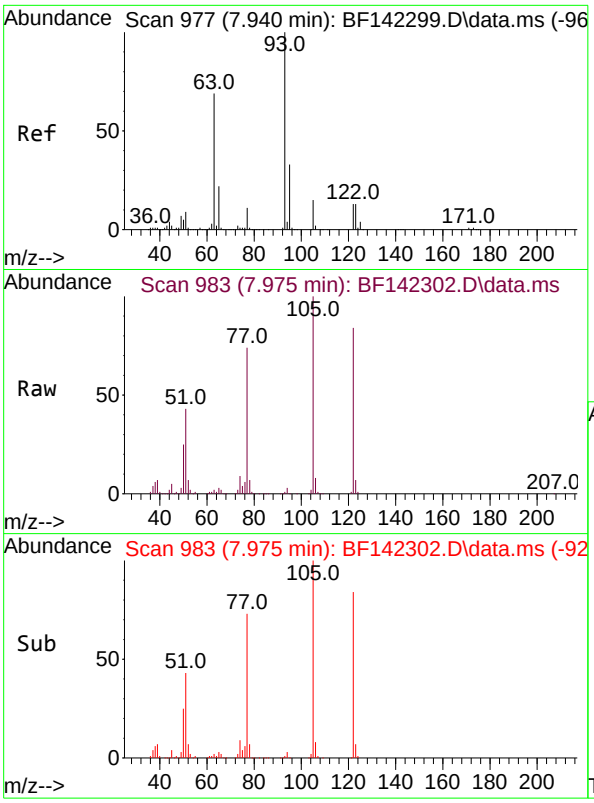


#31
Naphthalene
Concen: 68.916 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:128 Resp: 2675722

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.7	10.5	15.7

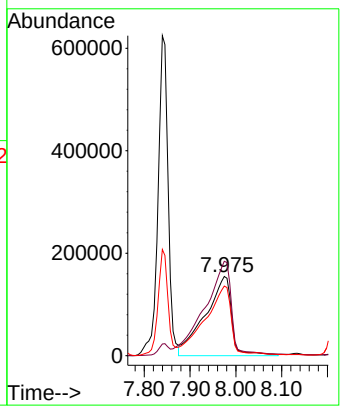




#32
Benzoic acid
Concen: 79.184 ng m
RT: 7.975 min Scan# 9
Delta R.T. 0.035 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:122 Resp: 62231

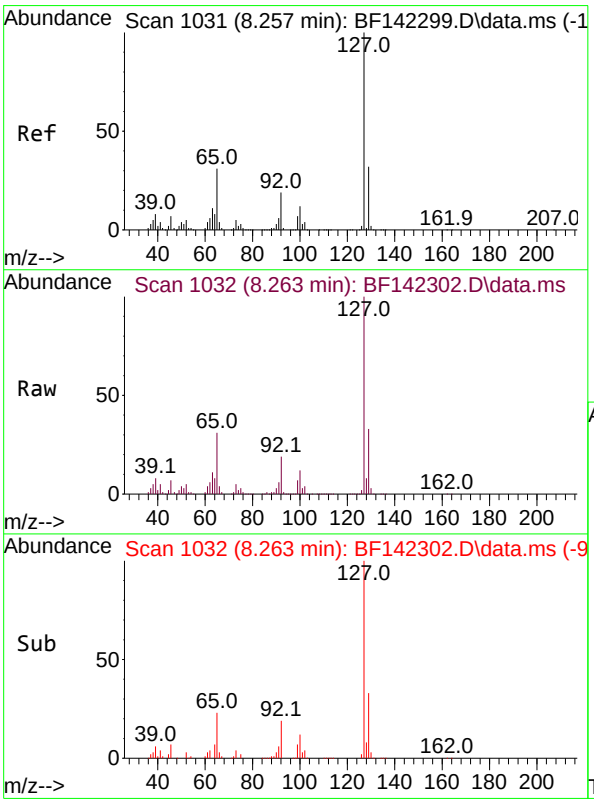
Ion	Ratio	Lower	Upper
122	100		
105	119.1	97.9	137.9
77	88.0	67.7	107.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

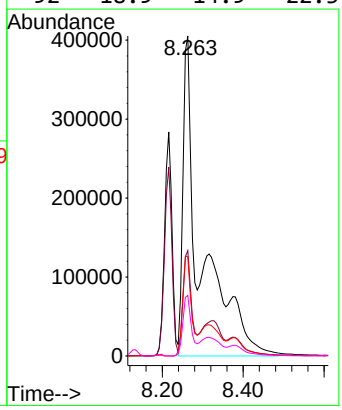
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

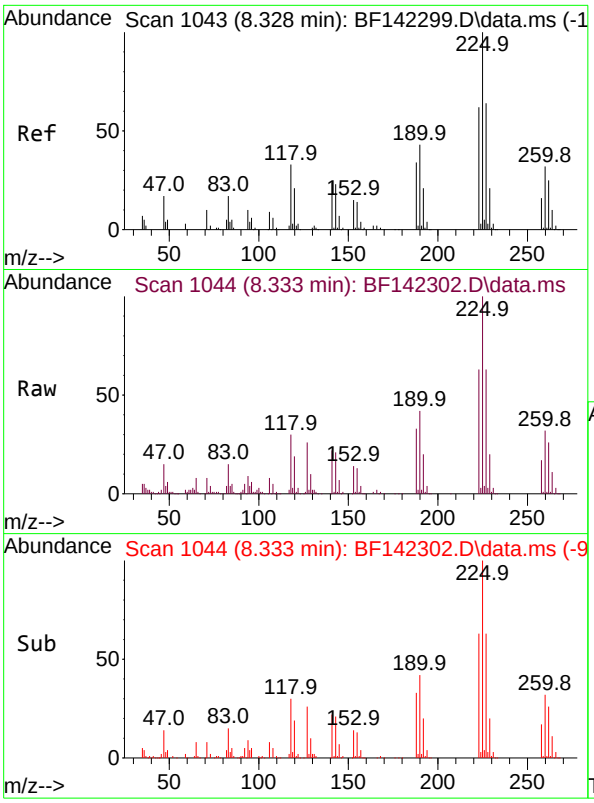


#33
4-Chloroaniline
Concen: 79.003 ng m
RT: 8.263 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:127 Resp: 1251630

Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.7	38.5
65	31.0	24.9	37.3
92	18.9	14.9	22.3





#34
Hexachlorobutadiene
Concen: 73.460 ng
RT: 8.333 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

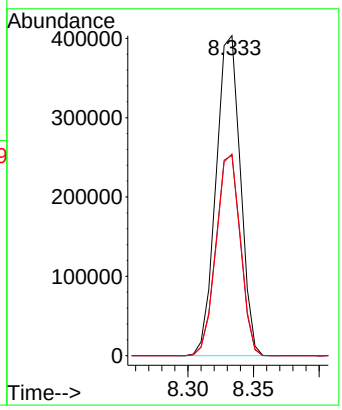
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

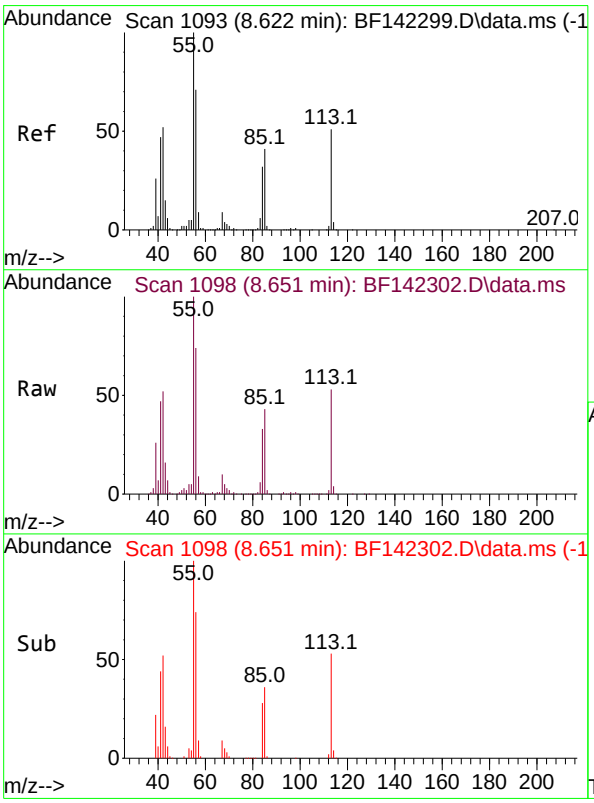
Tgt Ion:225 Resp: 52049

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	63.0	50.9	76.3

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

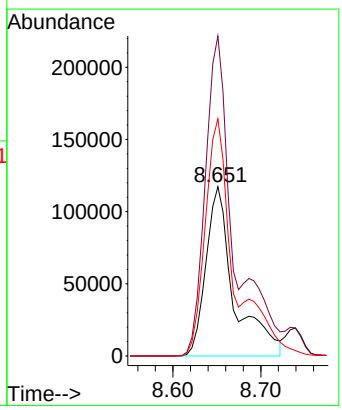


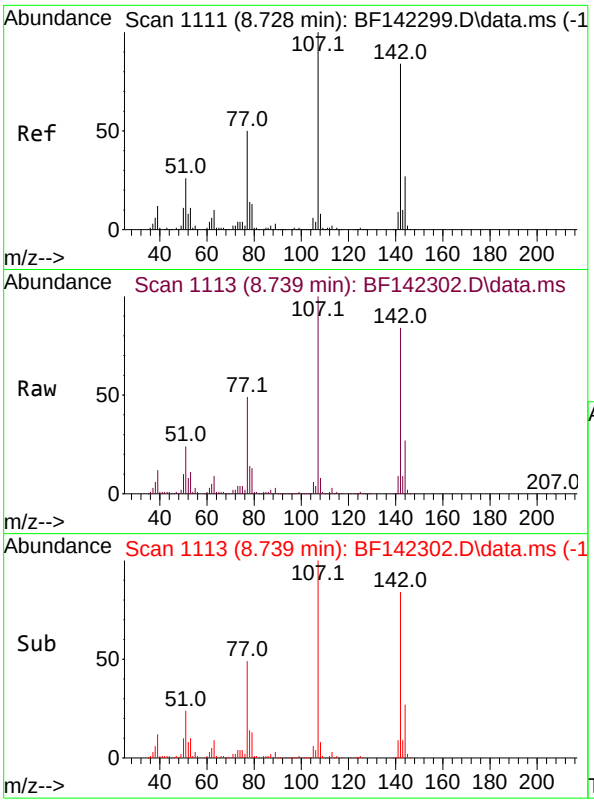


#35
Caprolactam
Concen: 84.368 ng m
RT: 8.651 min Scan# 1098
Delta R.T. 0.029 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:113 Resp: 261433

Ion	Ratio	Lower	Upper
113	100		
55	189.0	176.4	216.4
56	140.1	120.3	160.3

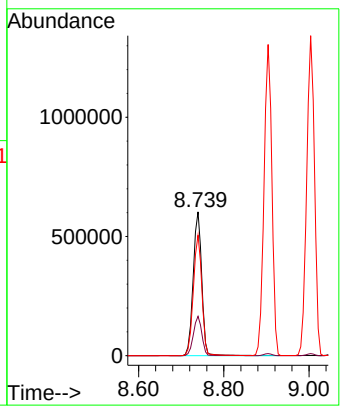




#36
4-Chloro-3-methylphenol
Concen: 76.050 ng
RT: 8.739 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:107 Resp: 84053

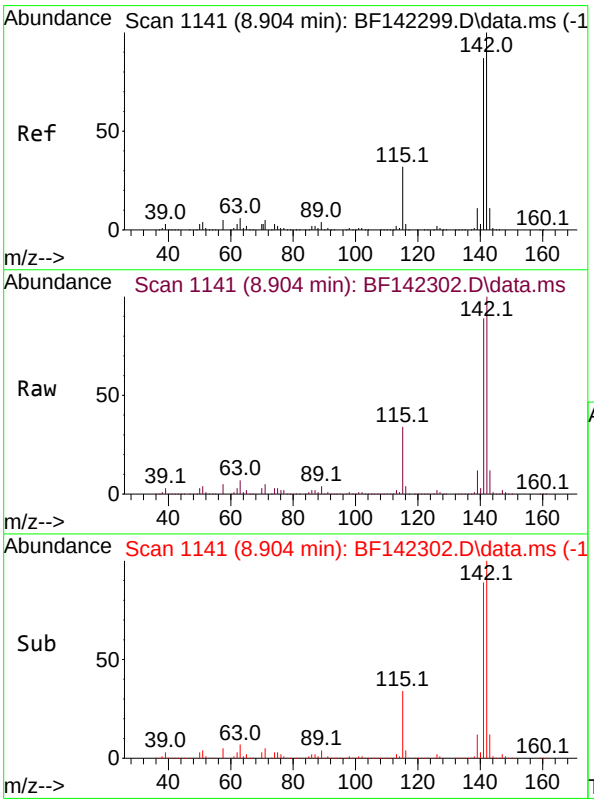
Ion	Ratio	Lower	Upper
107	100		
144	27.3	21.3	31.9
142	83.7	66.9	100.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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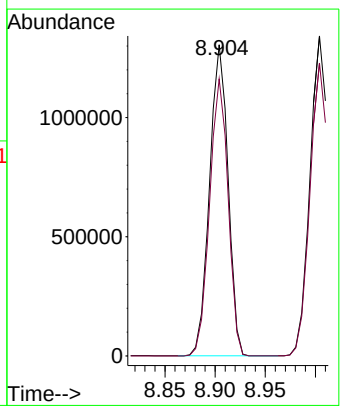
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

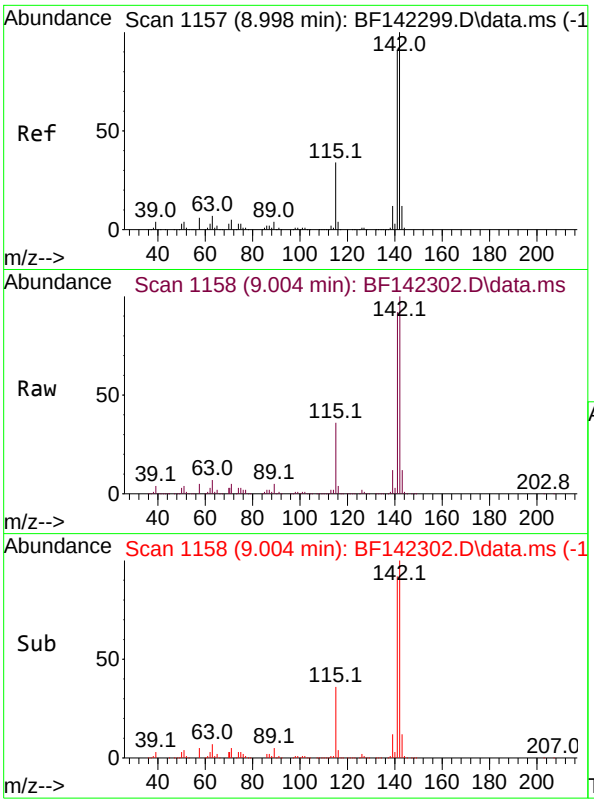


#37
2-Methylnaphthalene
Concen: 69.220 ng
RT: 8.904 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:142 Resp: 1669985

Ion	Ratio	Lower	Upper
142	100		
141	89.1	69.4	104.2





#38
1-Methylnaphthalene
Concen: 68.165 ng
RT: 9.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

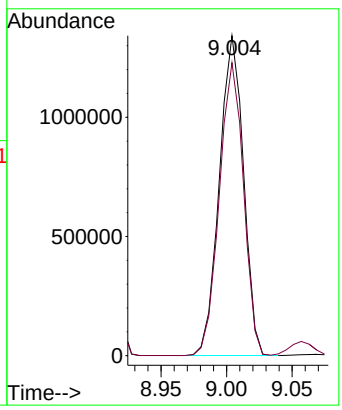
Tgt Ion:142 Resp: 171404

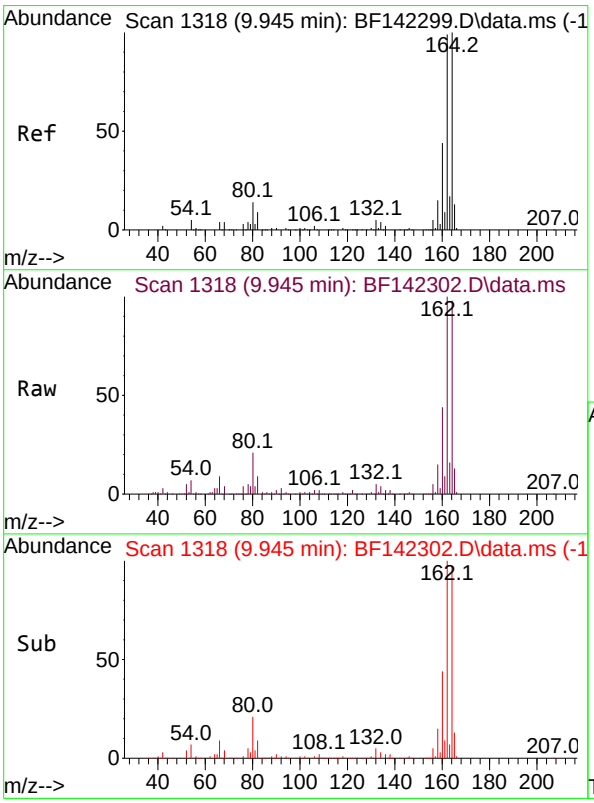
Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.5	108.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Supervised By :Jagrut Upadhyay 05/06/2025

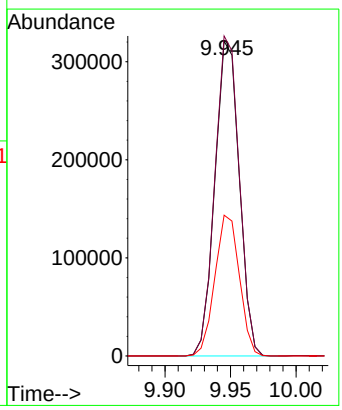


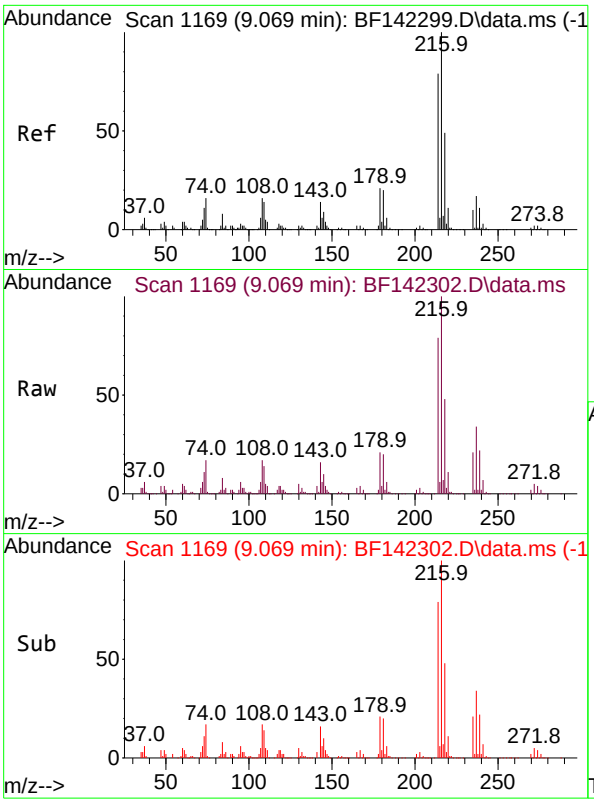


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:164 Resp: 414811

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.2	118.8
160	44.7	35.3	52.9

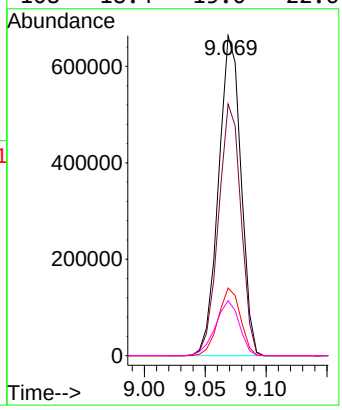




#40
1,2,4,5-Tetrachlorobenzene
Concen: 73.349 ng
RT: 9.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:216 Resp: 84977

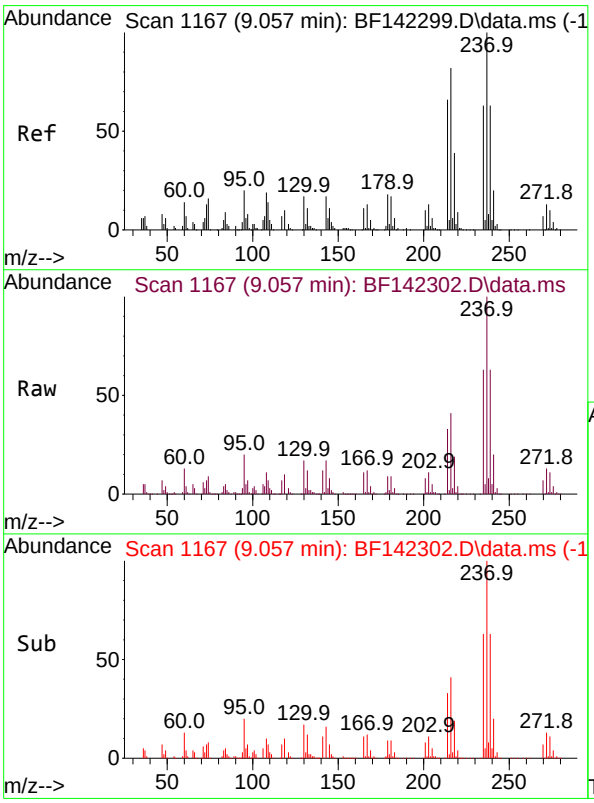
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.8	95.6
179	21.0	17.0	25.6
108	18.4	15.0	22.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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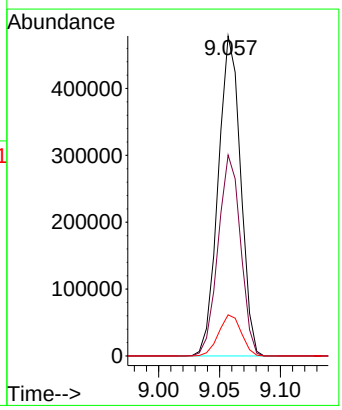
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

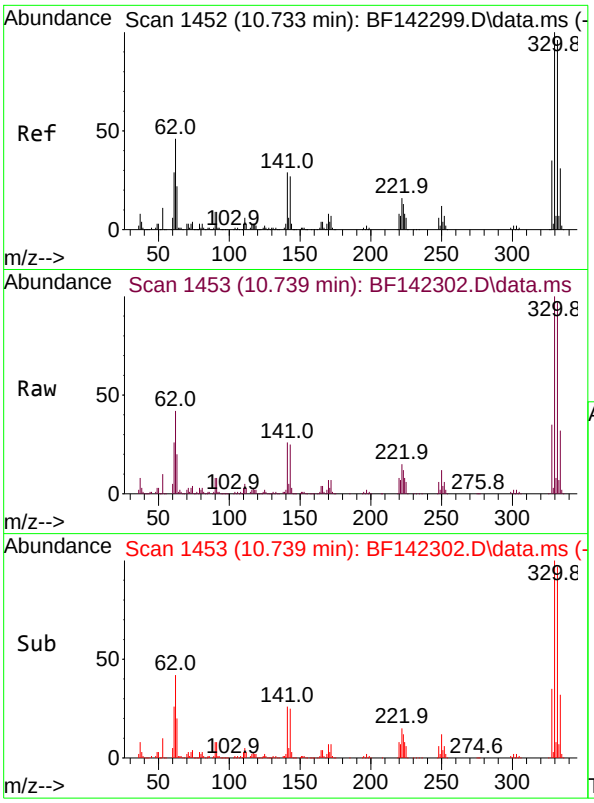


#41
Hexachlorocyclopentadiene
Concen: 85.560 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:237 Resp: 612608

Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.8	82.8
272	12.8	0.0	33.0

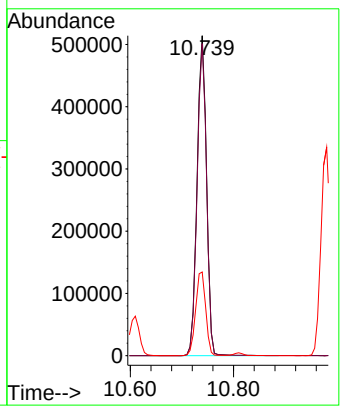




#42
2,4,6-Tribromophenol
Concen: 163.012 ng
RT: 10.739 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:330 Resp: 65285

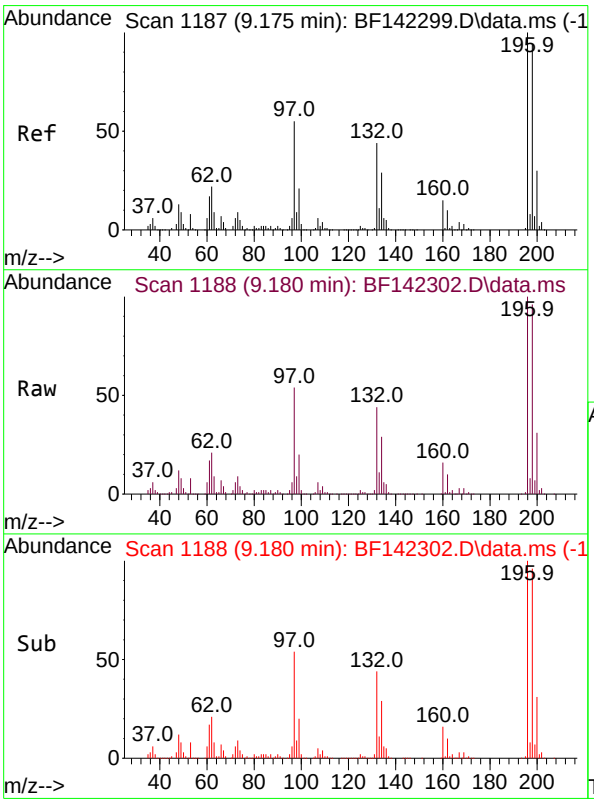
Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	27.9	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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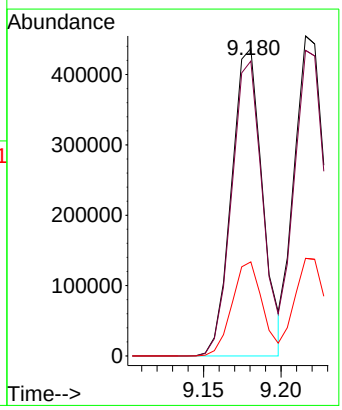
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

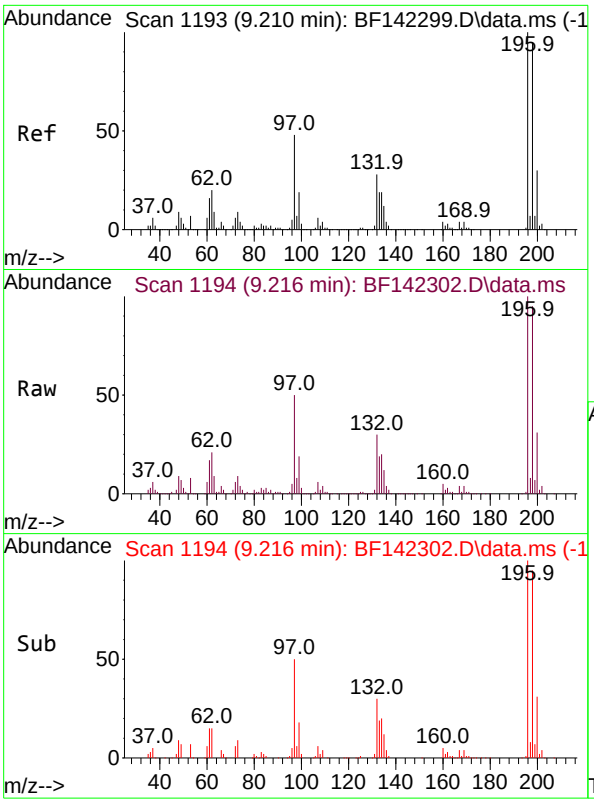


#43
2,4,6-Trichlorophenol
Concen: 82.898 ng
RT: 9.180 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:196 Resp: 605787

Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.4	113.0
200	30.6	24.3	36.5

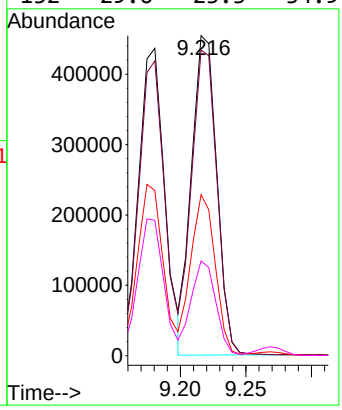




#44
2,4,5-Trichlorophenol
Concen: 78.648 ng
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:196 Resp: 611514

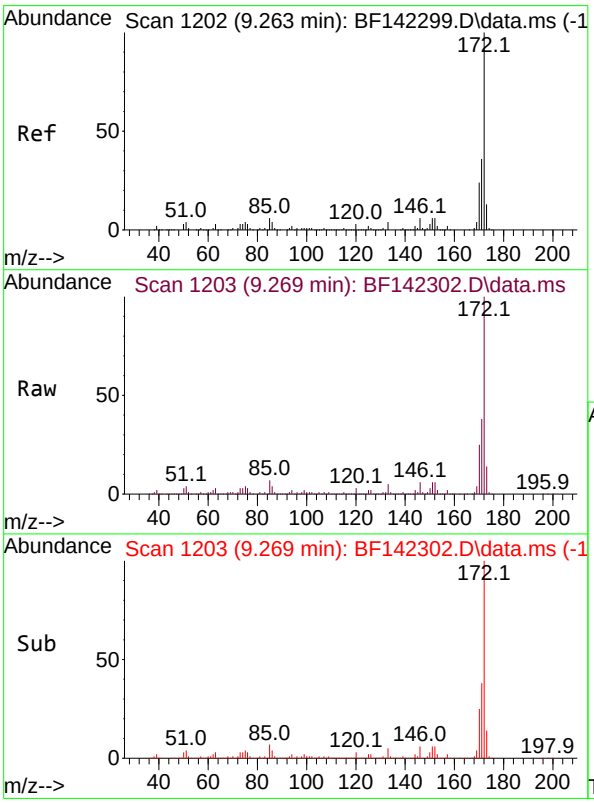
Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.1	114.1
97	50.3	39.0	58.4
132	29.6	23.3	34.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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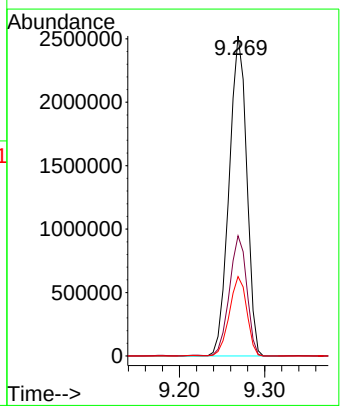
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

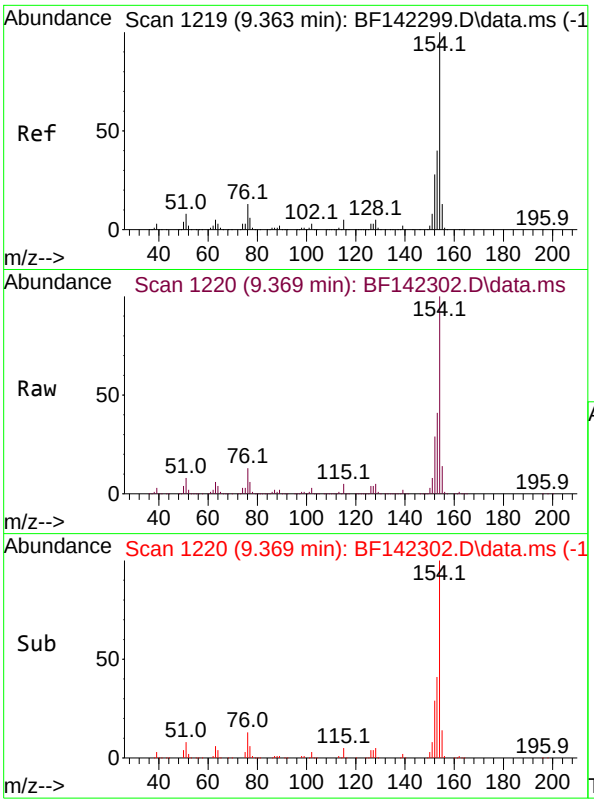


#45
2-Fluorobiphenyl
Concen: 124.337 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:172 Resp: 3617174

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.6	42.8
170	24.8	19.0	28.4

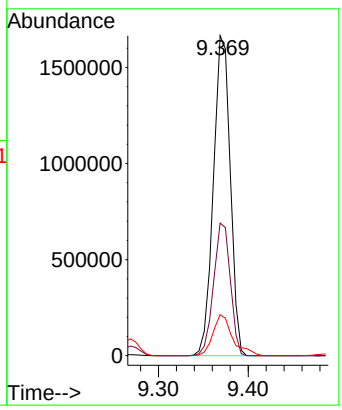




#46
1,1'-Biphenyl
Concen: 68.328 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:154 Resp: 217320

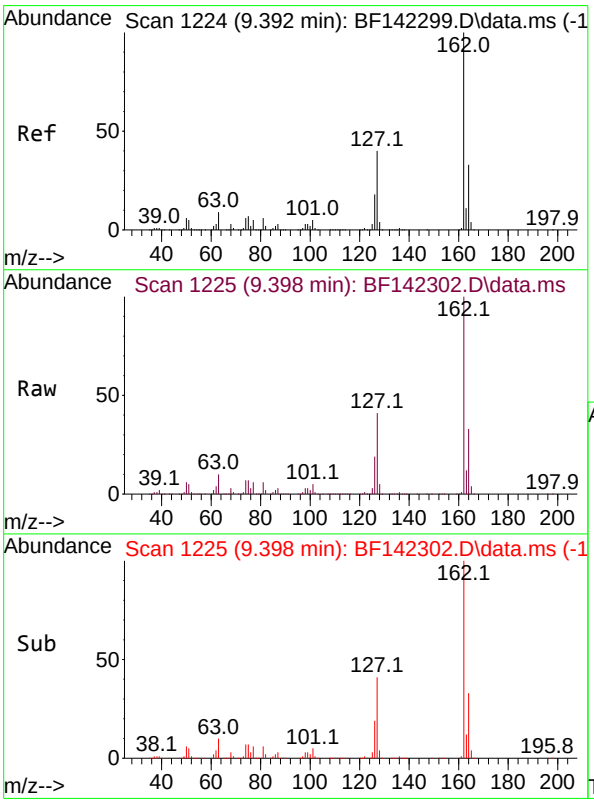
Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.5	60.5
76	12.8	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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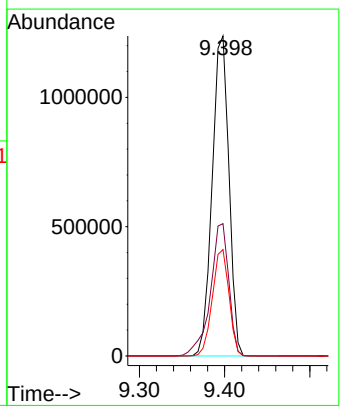
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

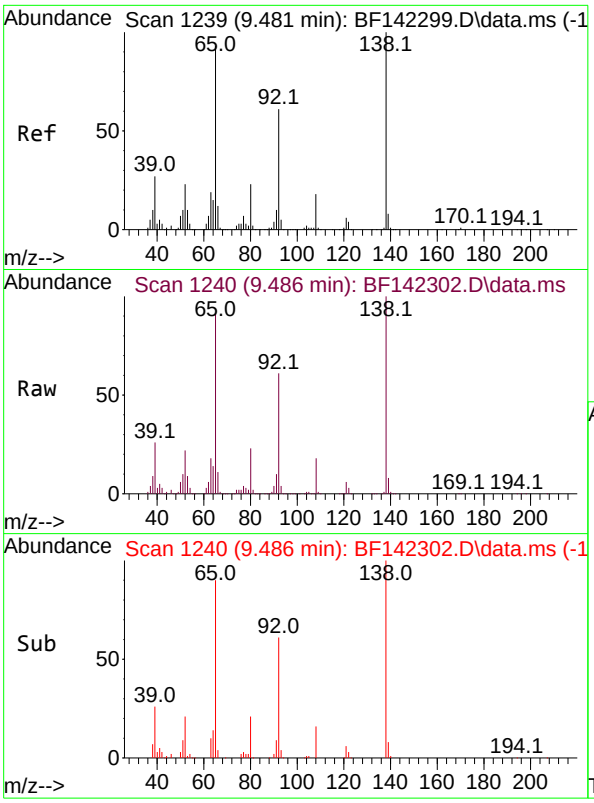


#47
2-Chloronaphthalene
Concen: 71.397 ng
RT: 9.398 min Scan# 1225
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:162 Resp: 1688751

Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.3	48.5
164	33.3	26.6	40.0





#48
2-Nitroaniline
Concen: 90.354 ng
RT: 9.486 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

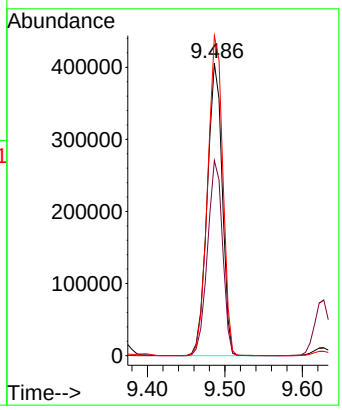
Tgt Ion: 65 Resp: 54778

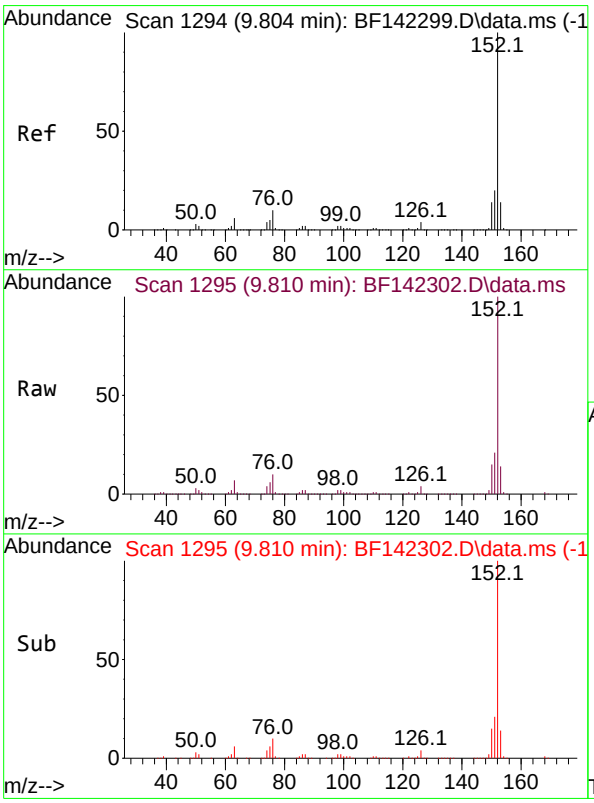
Ion	Ratio	Lower	Upper
65	100		
92	66.7	52.3	78.5
138	109.4	85.6	128.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

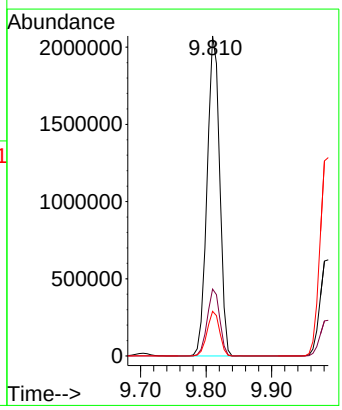


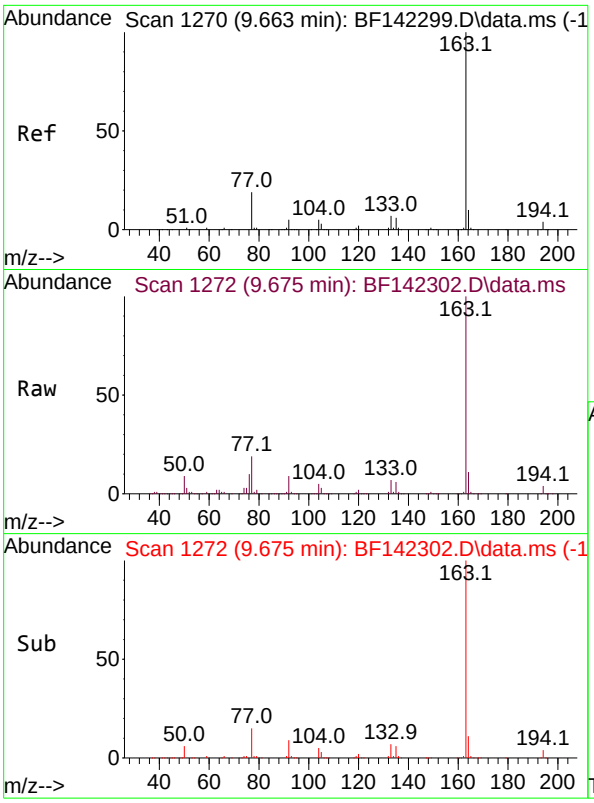


#49
Acenaphthylene
Concen: 69.830 ng
RT: 9.810 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:152 Resp: 2763028

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.0	24.0
153	14.0	10.8	16.2





#50
Dimethylphthalate
Concen: 73.901 ng
RT: 9.675 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

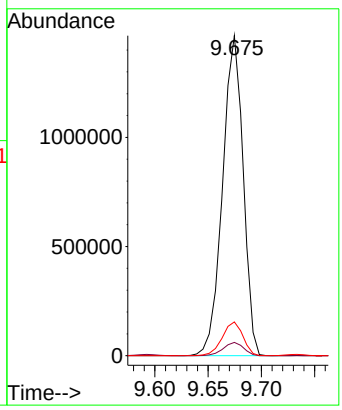
Tgt Ion:163 Resp: 196843

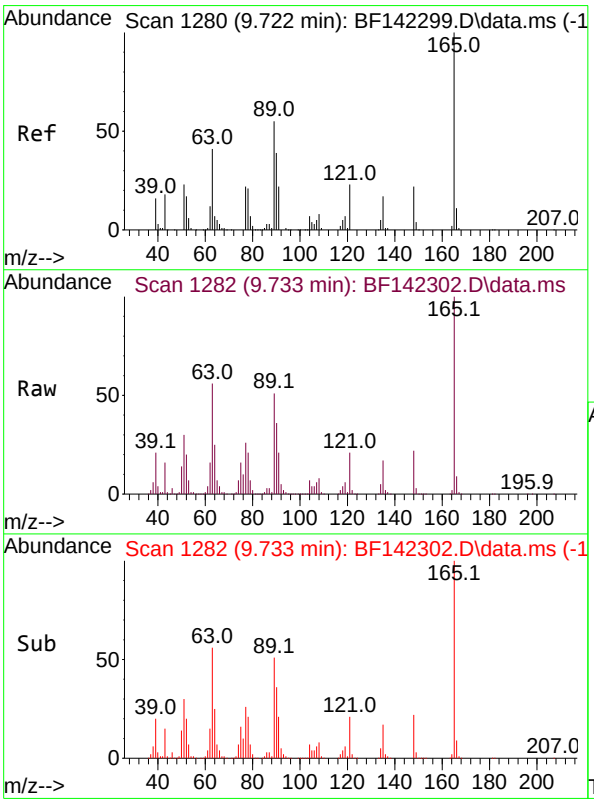
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.6	8.3	12.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

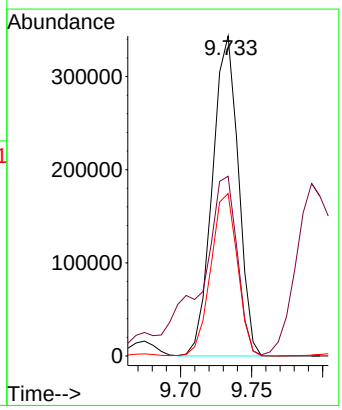


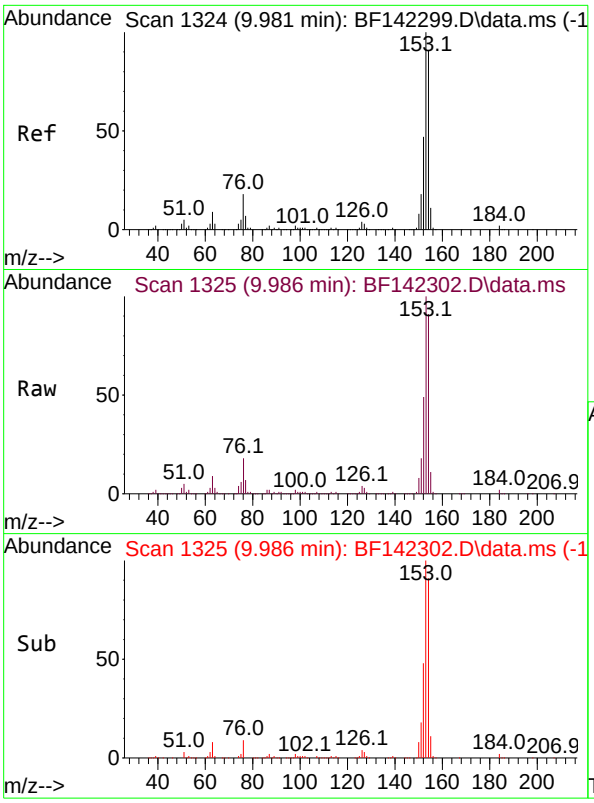


#51
2,6-Dinitrotoluene
Concen: 87.669 ng
RT: 9.733 min Scan# 1282
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:165 Resp: 437098

Ion	Ratio	Lower	Upper
165	100		
63	56.2	49.5	74.3
89	50.7	44.6	66.8

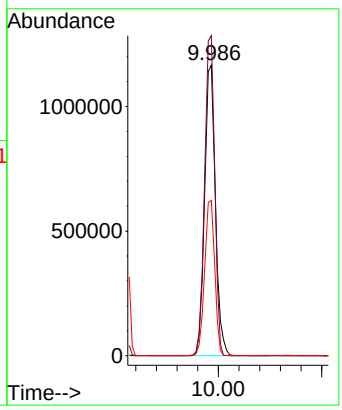




#52
Acenaphthene
Concen: 71.203 ng
RT: 9.986 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:154 Resp: 169402

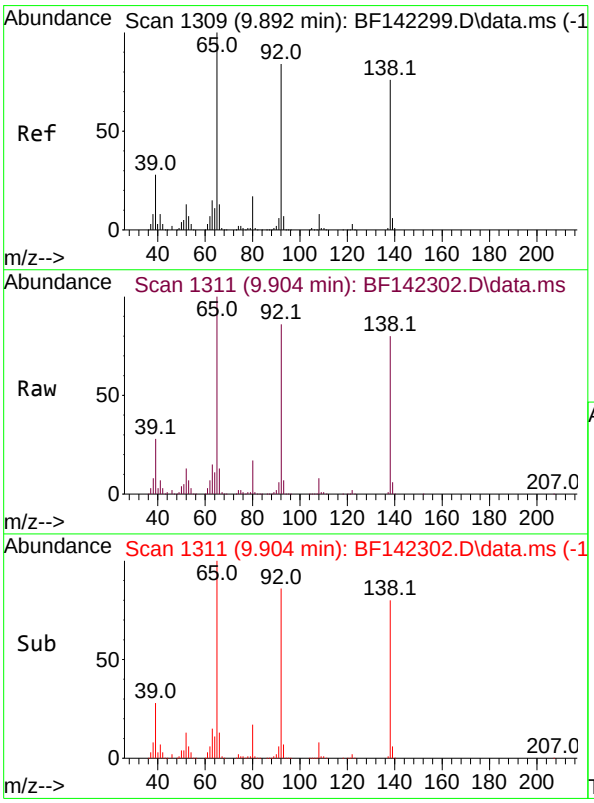
Ion	Ratio	Lower	Upper
154	100		
153	110.0	88.0	132.0
152	53.4	41.6	62.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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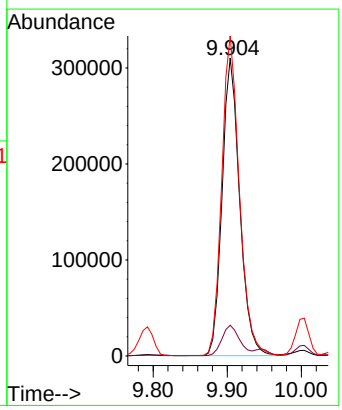
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

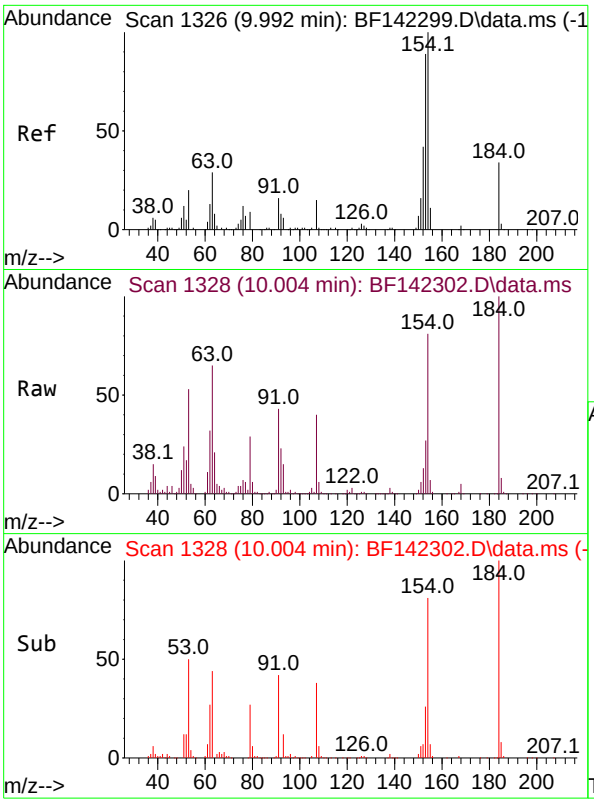


#53
3-Nitroaniline
Concen: 87.244 ng
RT: 9.904 min Scan# 1311
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:138 Resp: 510152

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.7	13.1
92	107.4	89.5	134.3

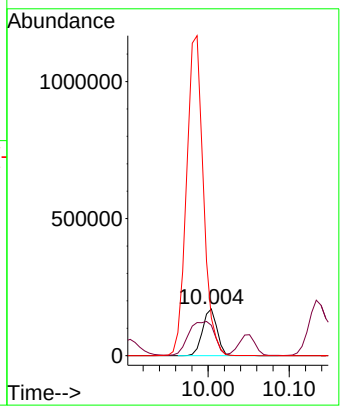




#54
2,4-Dinitrophenol
Concen: 80.686 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:184 Resp: 21065

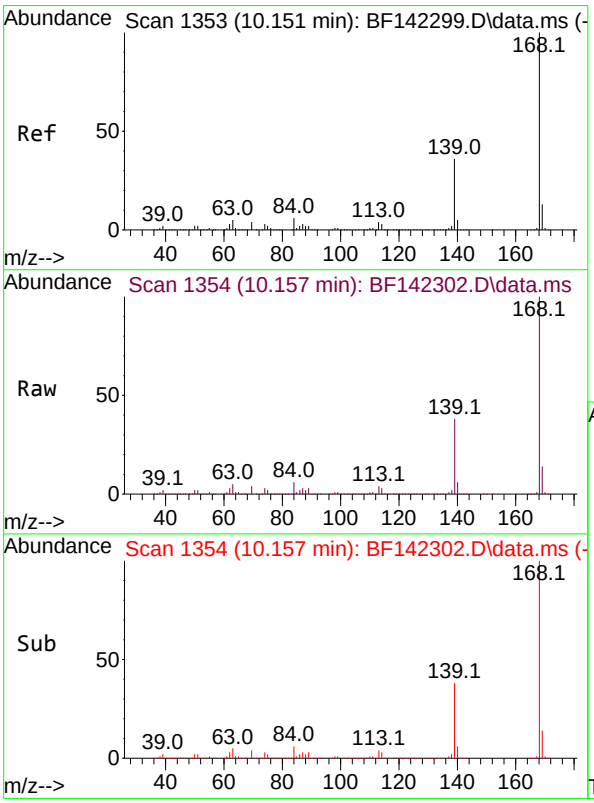
Ion	Ratio	Lower	Upper
184	100		
63	65.1	70.6	105.8#
154	81.2	257.2	385.8#



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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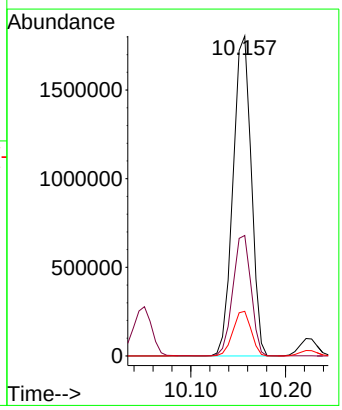
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

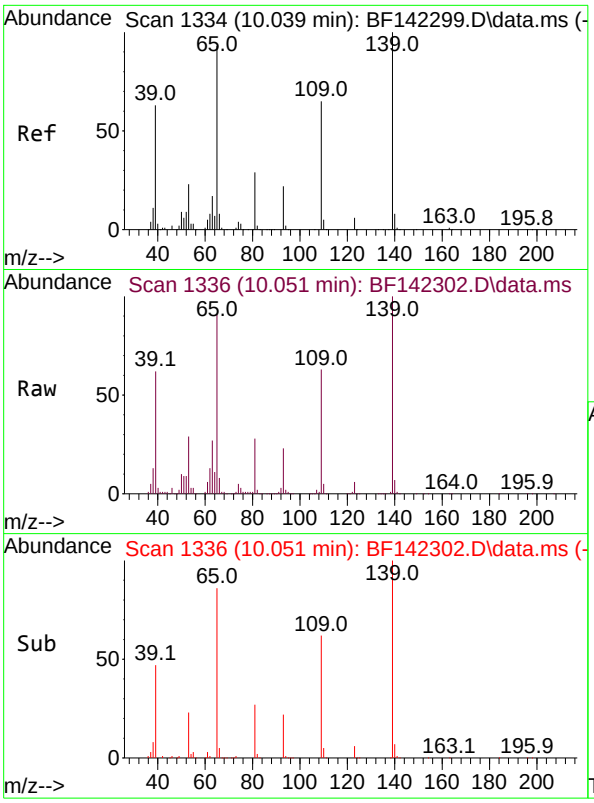


#55
Dibenzofuran
Concen: 68.642 ng
RT: 10.157 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:168 Resp: 2410169

Ion	Ratio	Lower	Upper
168	100		
139	37.7	29.0	43.4
169	13.9	10.7	16.1





#56
4-Nitrophenol
Concen: 87.250 ng
RT: 10.051 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

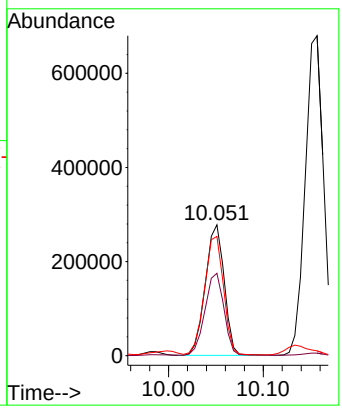
Tgt Ion:139 Resp: 38397

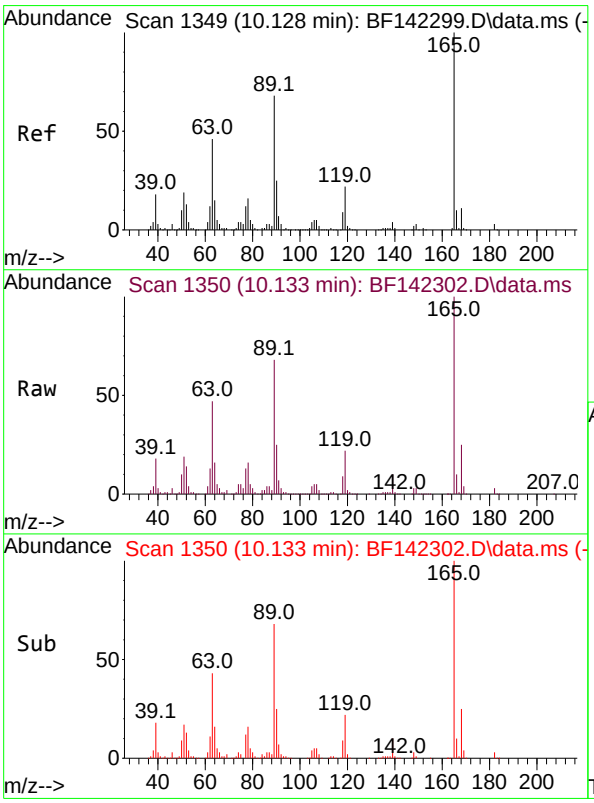
Ion	Ratio	Lower	Upper
139	100		
109	62.9	45.3	85.3
65	91.1	73.9	113.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

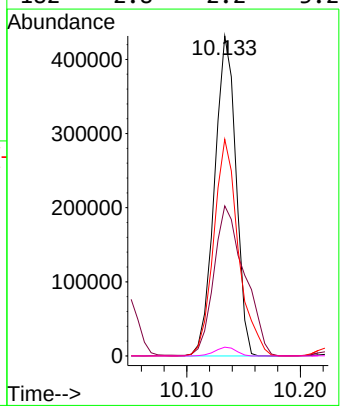


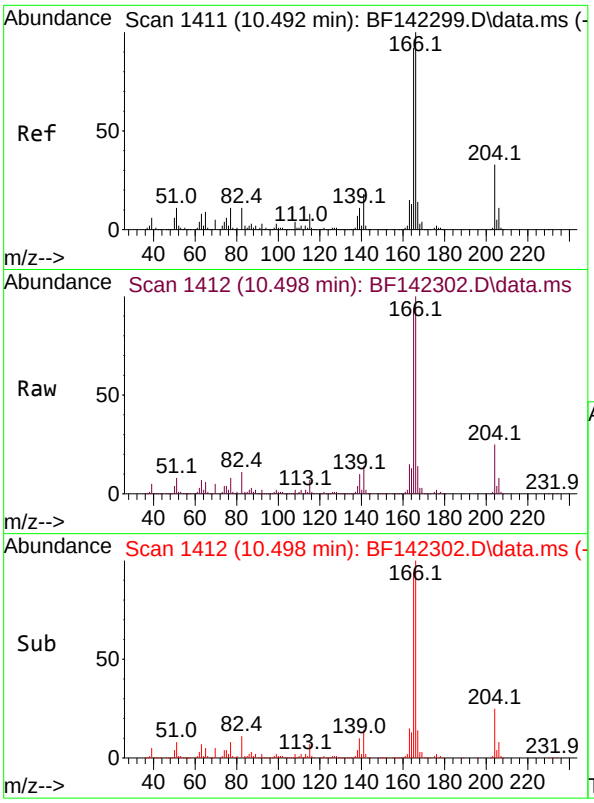


#57
2,4-Dinitrotoluene
Concen: 88.591 ng
RT: 10.133 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:165 Resp: 566575

Ion	Ratio	Lower	Upper
165	100		
63	46.9	37.1	55.7
89	67.7	54.4	81.6
182	2.8	2.2	3.2

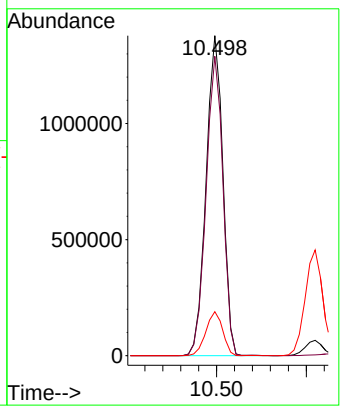




#58
Fluorene
Concen: 66.896 ng
RT: 10.498 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:166 Resp: 179254

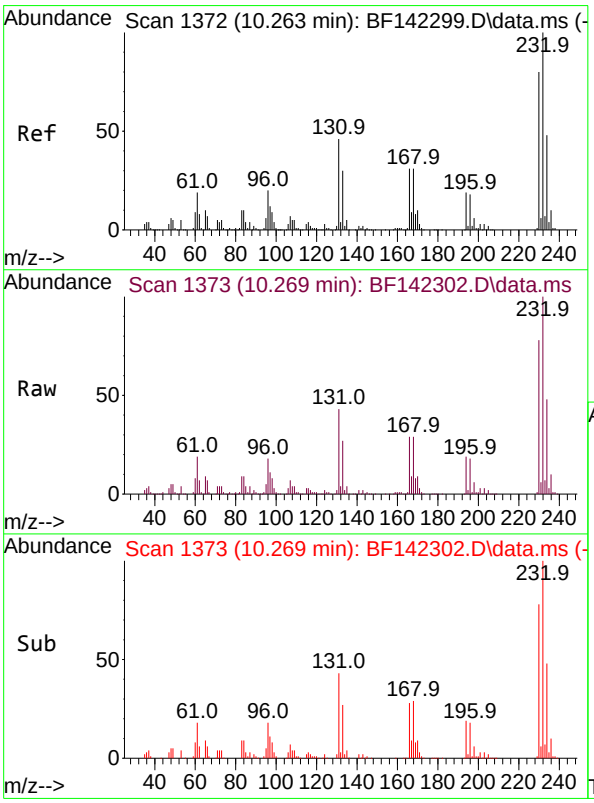
Ion	Ratio	Lower	Upper
166	100		
165	93.6	74.0	111.0
167	13.8	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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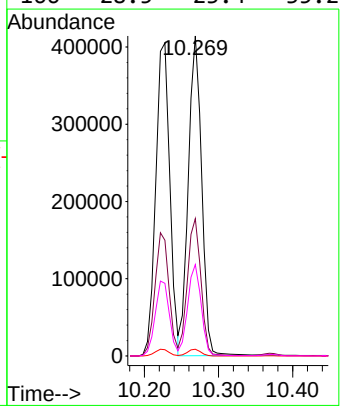
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

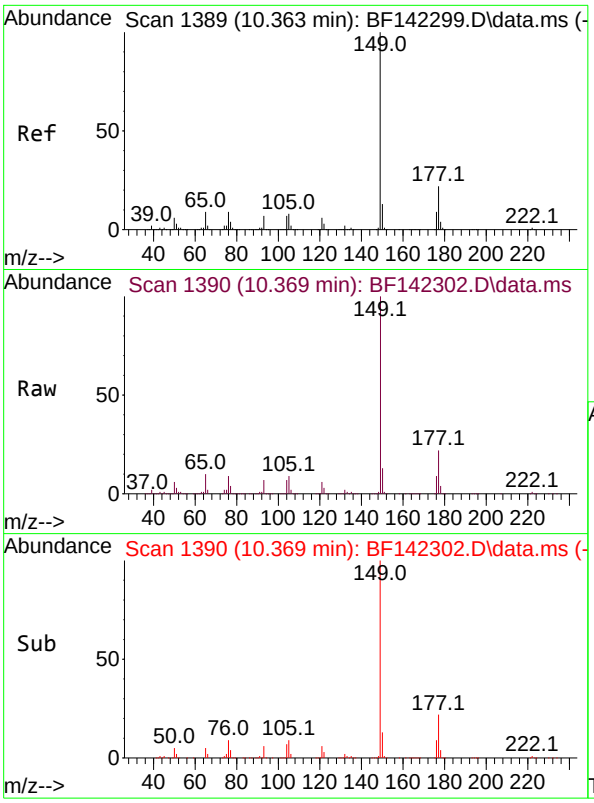


#59
2,3,4,6-Tetrachlorophenol
Concen: 81.113 ng
RT: 10.269 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:232 Resp: 520638

Ion	Ratio	Lower	Upper
232	100		
131	43.0	36.0	54.0
130	2.1	1.8	2.6
166	28.5	23.4	35.2

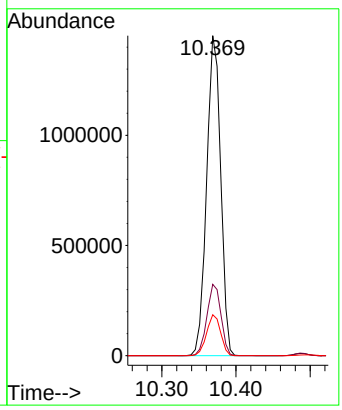




#60
Diethylphthalate
Concen: 71.766 ng
RT: 10.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:149 Resp: 190901

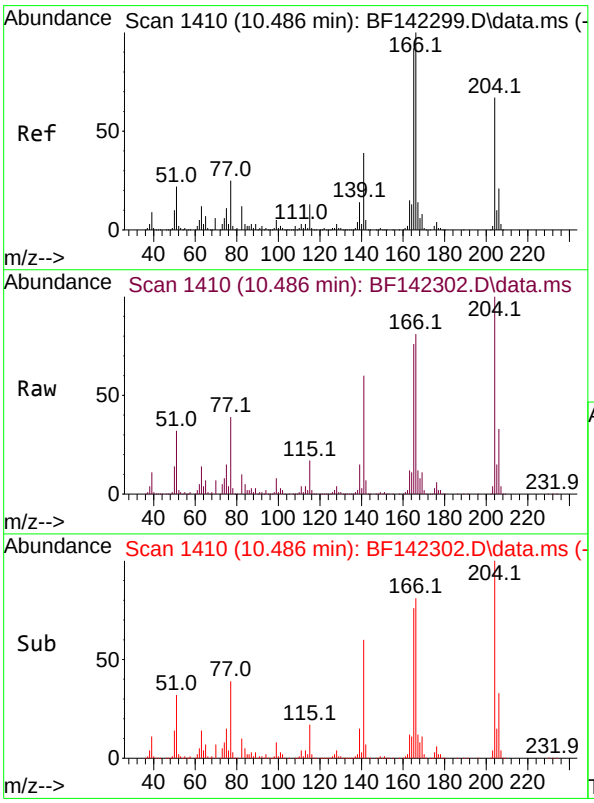
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.6	26.4
150	12.8	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

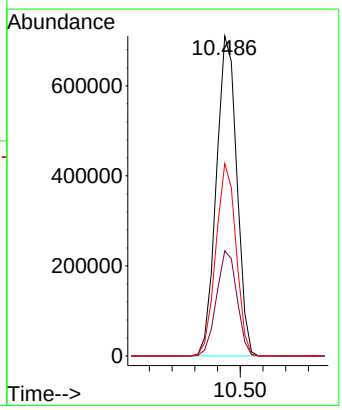
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

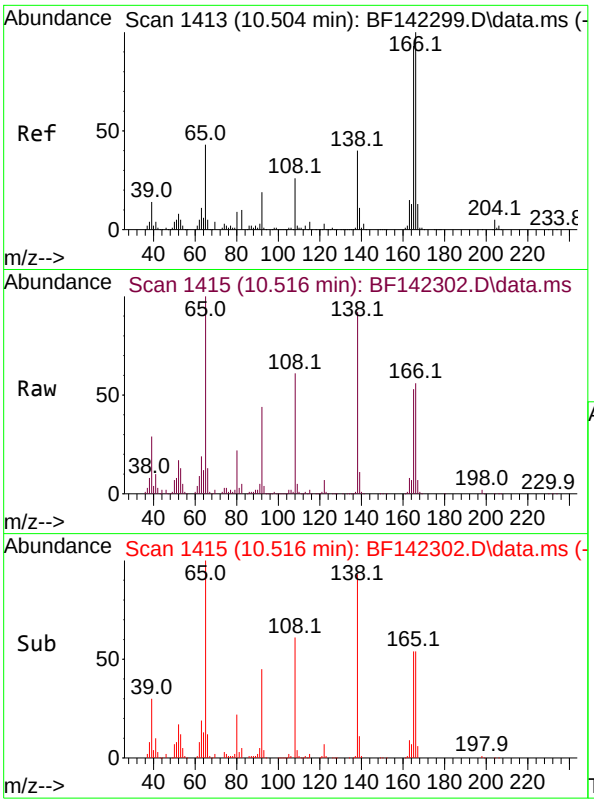


#61
4-Chlorophenyl-phenylether
Concen: 68.707 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:204 Resp: 888242

Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.5	38.3
141	60.1	46.4	69.6





#62
4-Nitroaniline
Concen: 69.894 ng
RT: 10.516 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

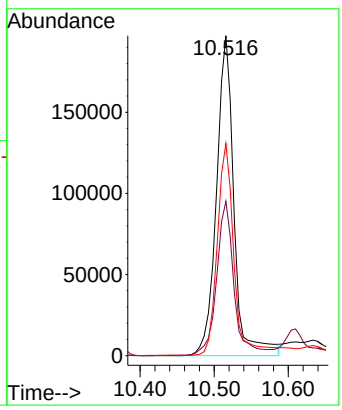
Tgt Ion:138 Resp: 32392

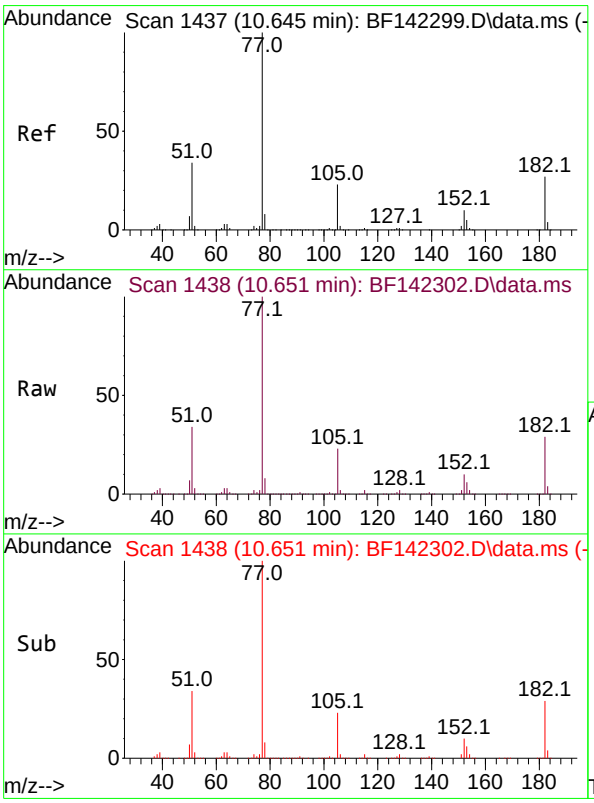
Ion	Ratio	Lower	Upper
138	100		
92	48.3	27.3	67.3
108	66.3	45.1	85.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

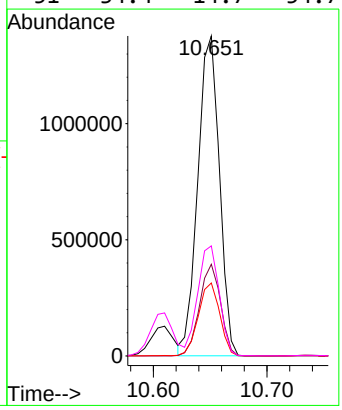


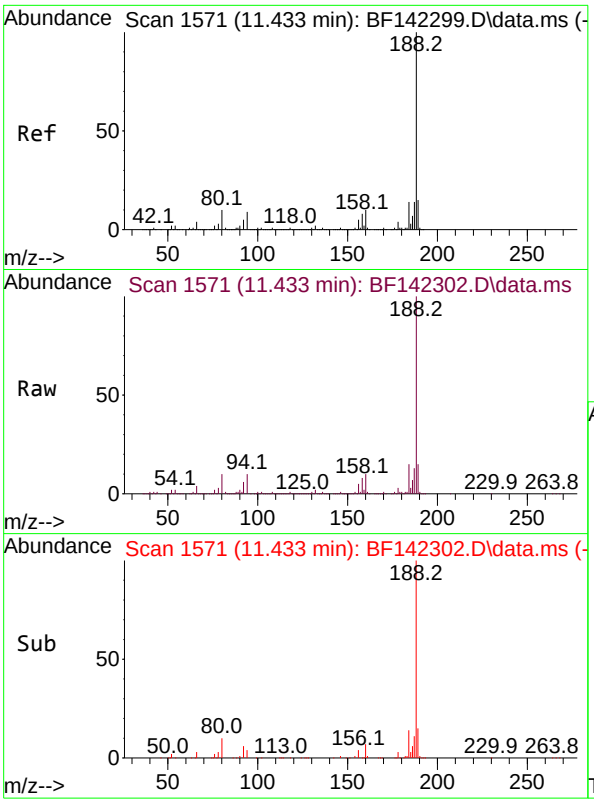


#63
Azobenzene
Concen: 71.660 ng
RT: 10.651 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 77 Resp: 1821504

Ion	Ratio	Lower	Upper
77	100		
182	28.6	6.9	46.9
105	22.8	2.7	42.7
51	34.4	14.7	54.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

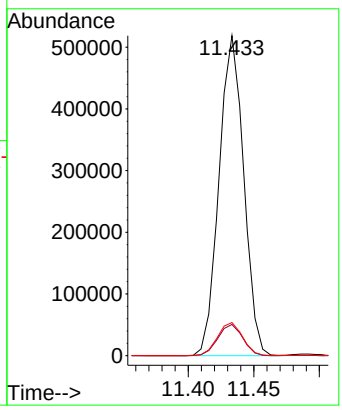
Tgt Ion:188 Resp: 67924

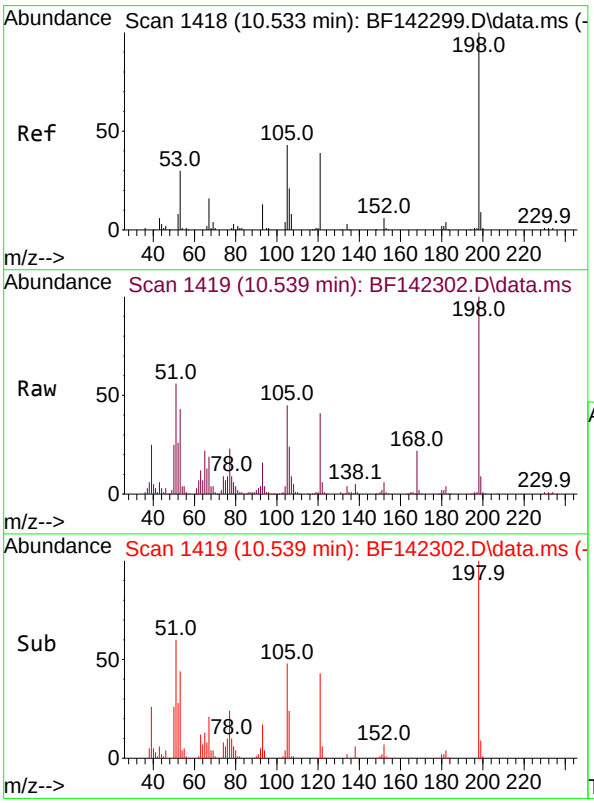
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.5	11.3
80	10.3	7.9	11.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

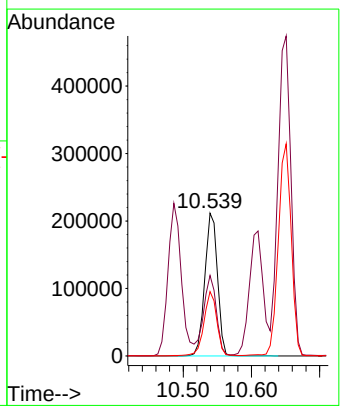


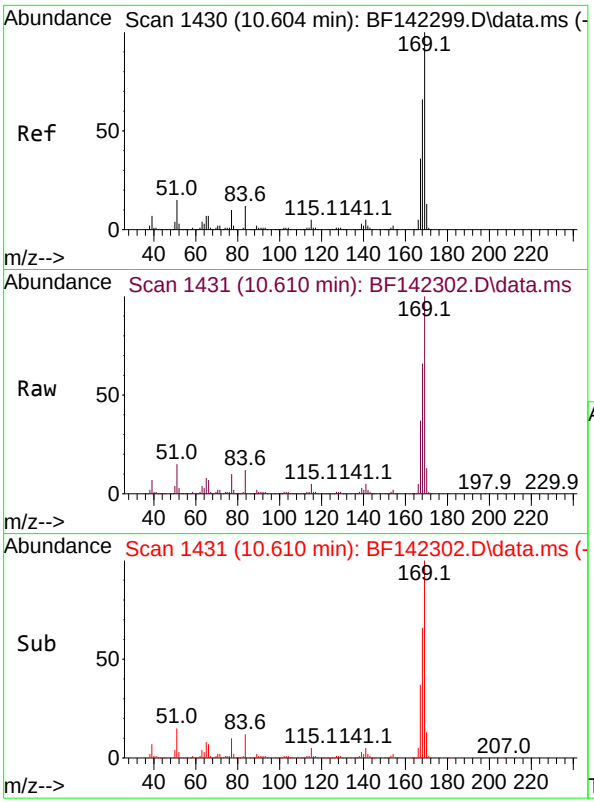


#65
4,6-Dinitro-2-methylphenol
Concen: 80.746 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:198 Resp: 273917

Ion	Ratio	Lower	Upper
198	100		
51	56.4	32.9	72.9
105	45.1	23.7	63.7

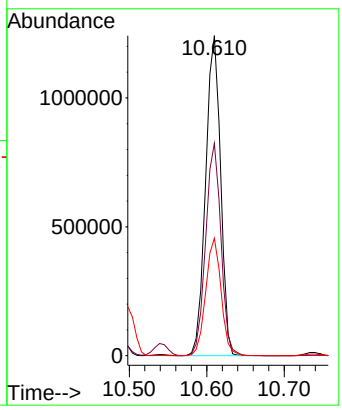




#66
n-Nitrosodiphenylamine
Concen: 73.372 ng
RT: 10.610 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:169 Resp: 165839

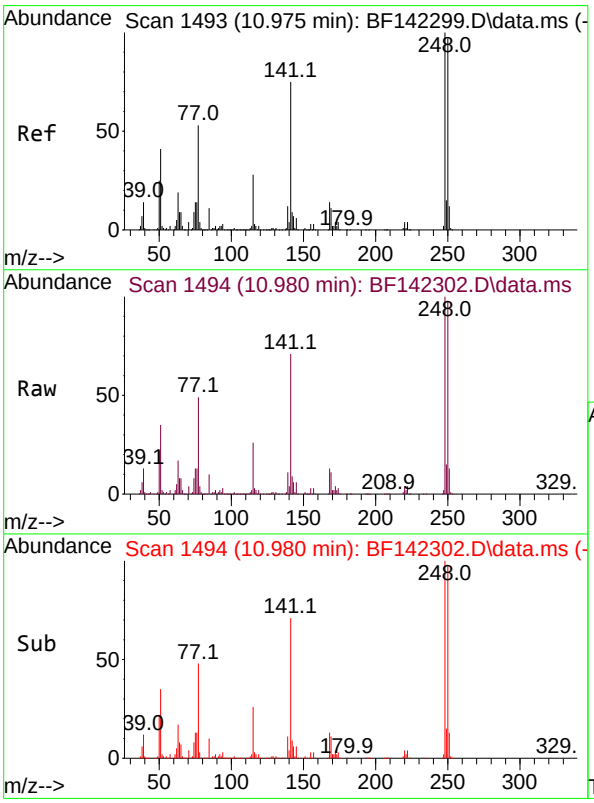
Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.2	79.8
167	36.7	28.9	43.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

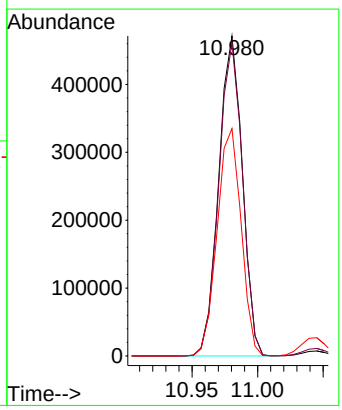
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

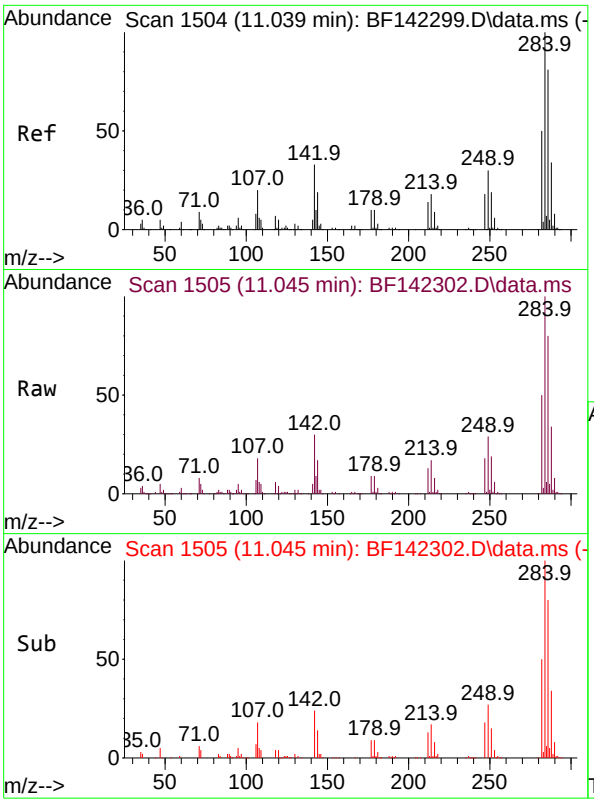


#67
4-Bromophenyl-phenylether
Concen: 76.716 ng
RT: 10.980 min Scan# 1494
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:248 Resp: 590568

Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.9	116.9
141	71.0	59.8	89.8

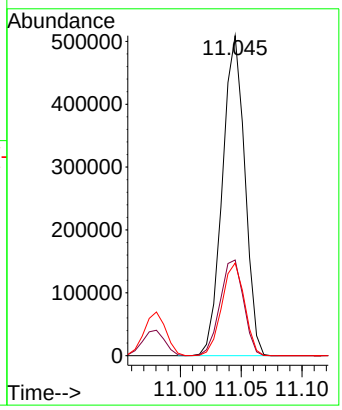




#68
Hexachlorobenzene
Concen: 76.857 ng
RT: 11.045 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:284 Resp: 65080

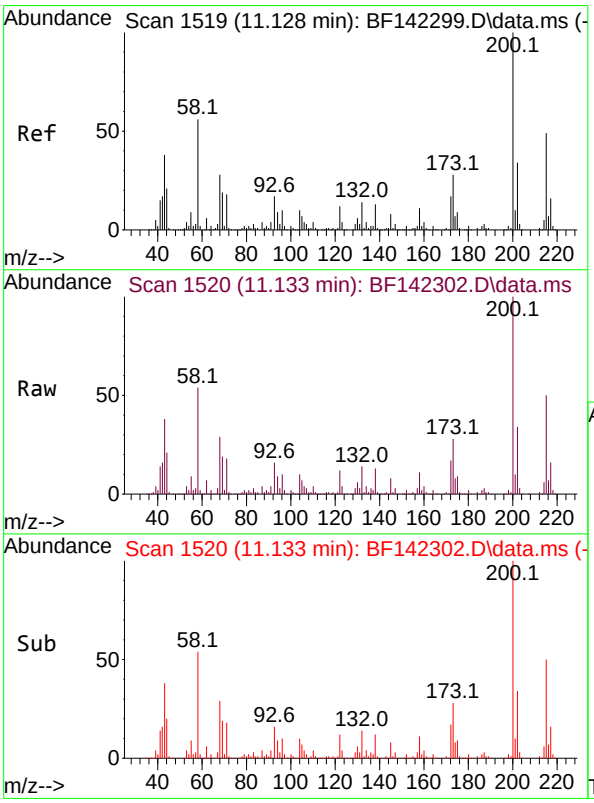
Ion	Ratio	Lower	Upper
284	100		
142	29.9	26.6	39.8
249	29.0	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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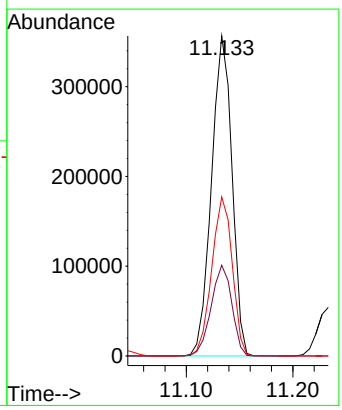
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

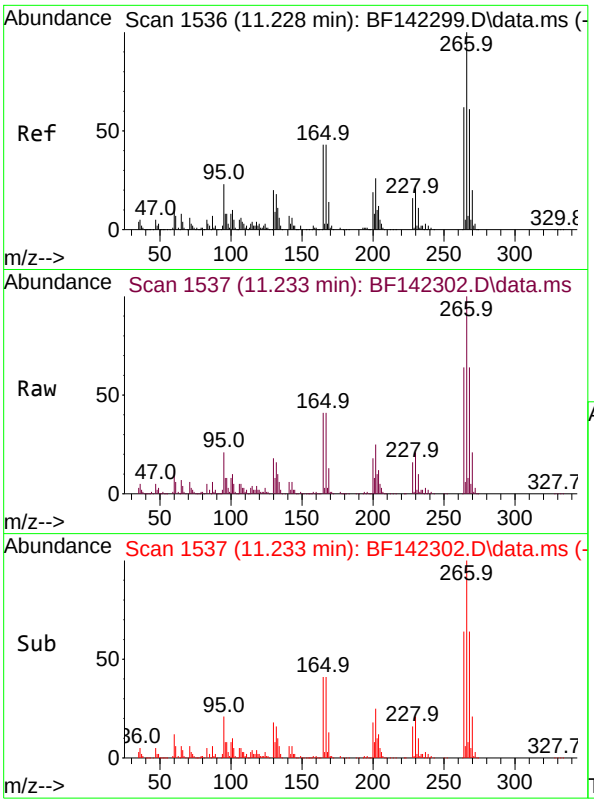


#69
Atrazine
Concen: 79.910 ng
RT: 11.133 min Scan# 1520
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:200 Resp: 476112

Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.1	48.1
215	49.7	28.8	68.8

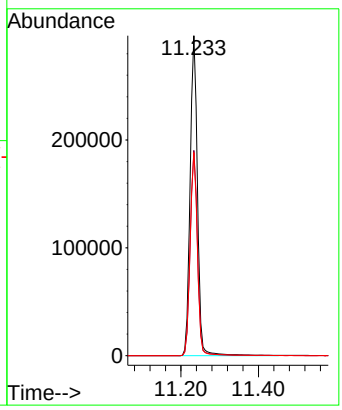




#70
Pentachlorophenol
Concen: 87.666 ng
RT: 11.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:266 Resp: 39051

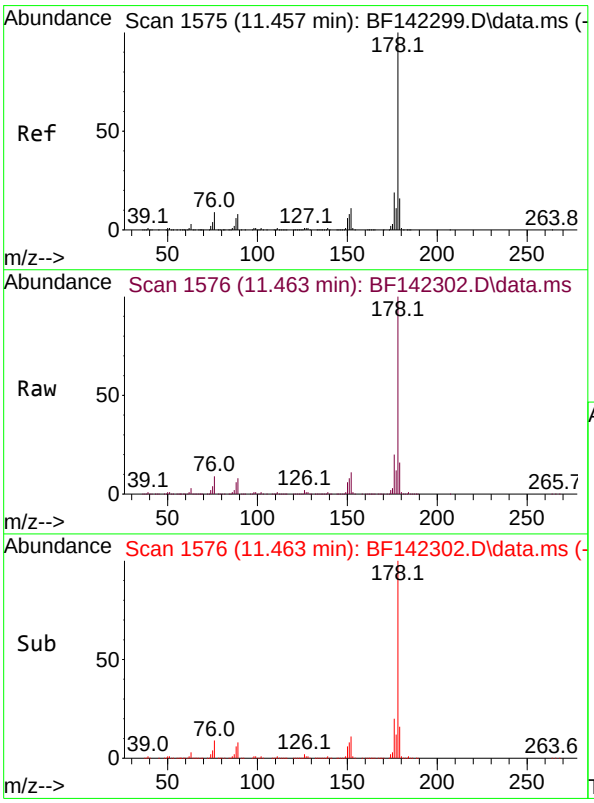
Ion	Ratio	Lower	Upper
266	100		
268	64.2	48.7	73.1
264	63.5	49.8	74.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

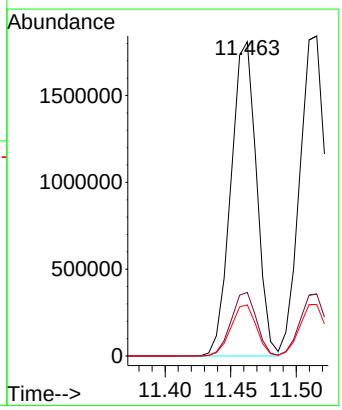
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

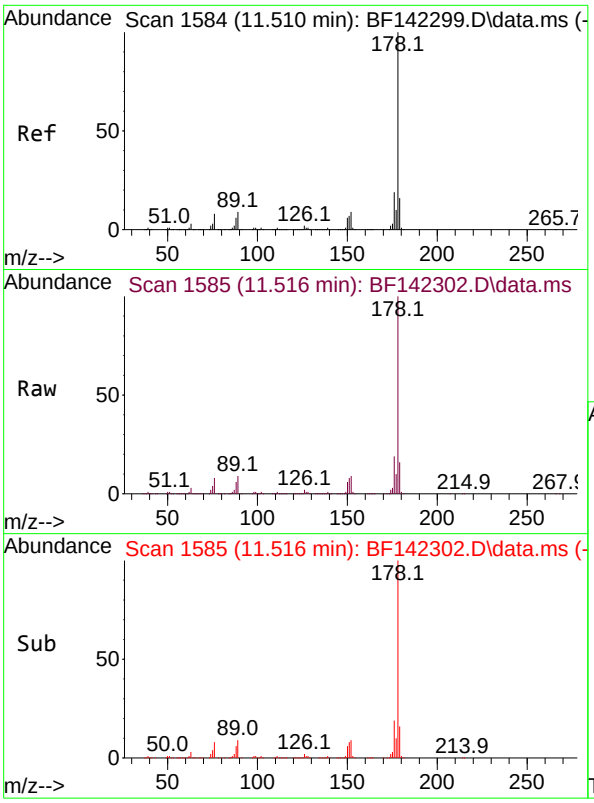


#71
Phenanthrene
Concen: 69.101 ng
RT: 11.463 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:178 Resp: 2460275

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.5	23.3
179	16.2	12.6	18.8

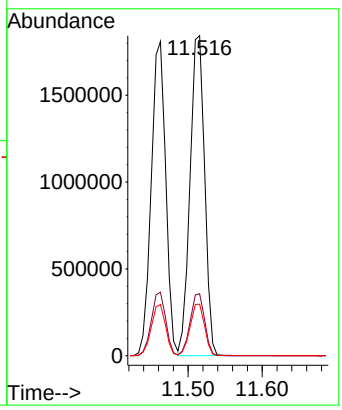




#72
Anthracene
Concen: 68.834 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:178 Resp: 251816

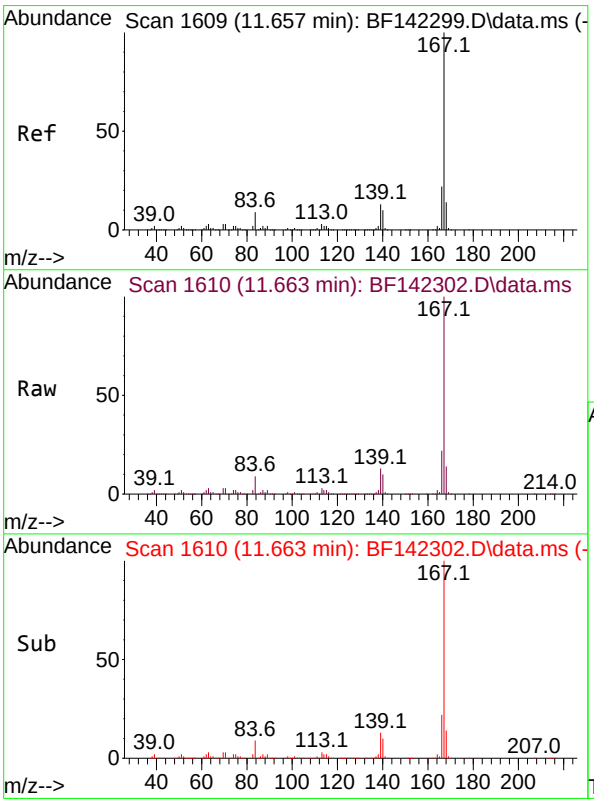
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	16.1	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

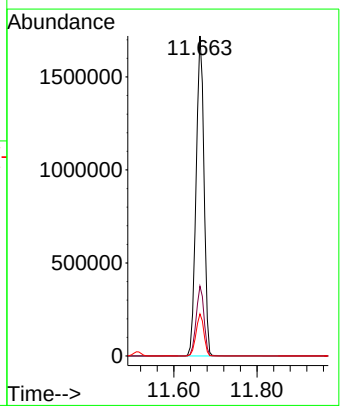
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

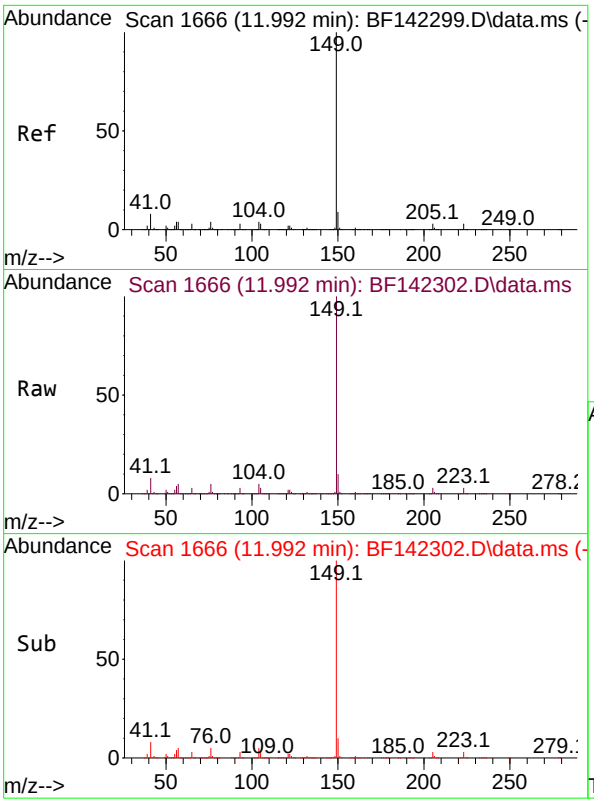


#73
Carbazole
Concen: 69.290 ng
RT: 11.663 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:167 Resp: 2274167

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.2	10.3	15.5

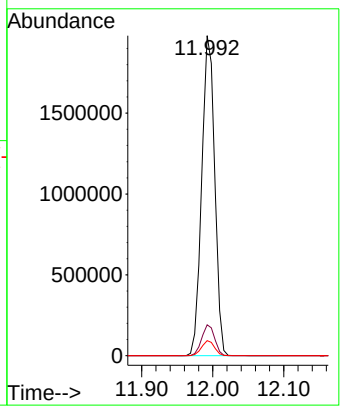




#74
Di-n-butylphthalate
Concen: 73.060 ng
RT: 11.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:149 Resp: 252148

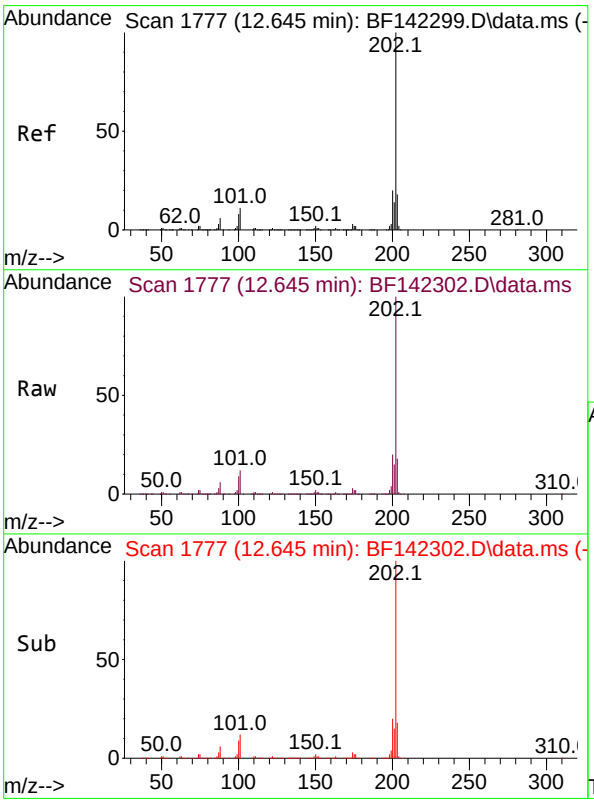
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	4.7	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

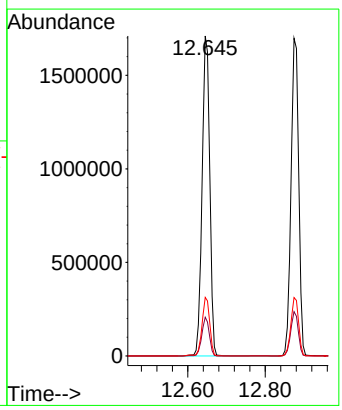
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

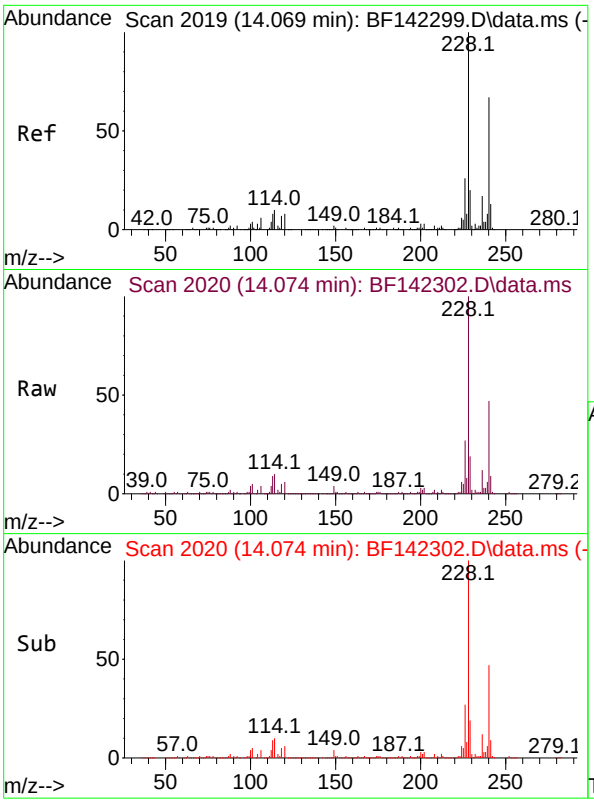


#75
Fluoranthene
Concen: 65.892 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:202 Resp: 2345160

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.4
203	18.3	0.0	37.9

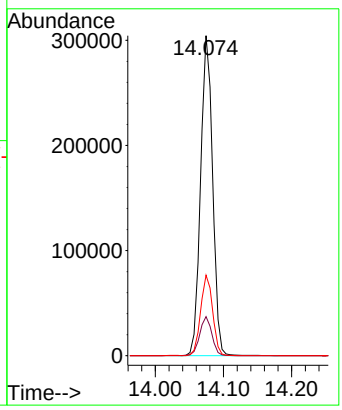




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:240 Resp: 37392

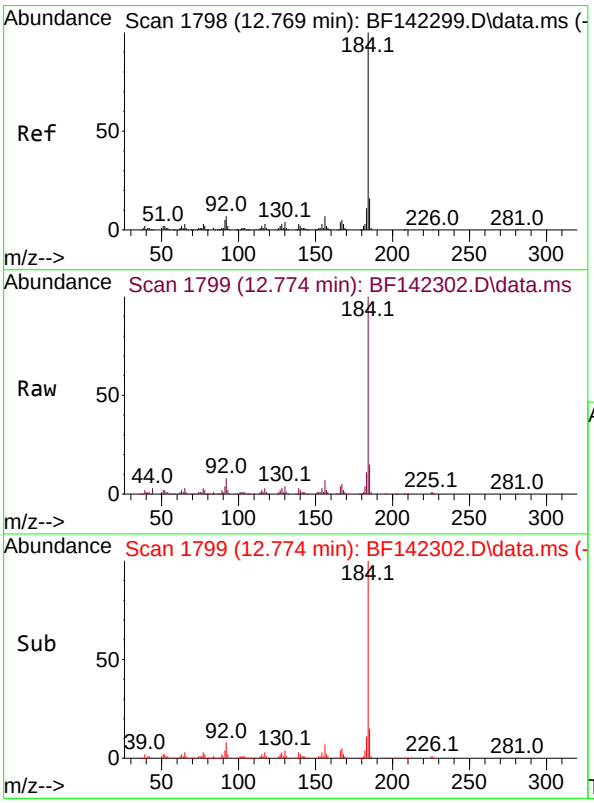
Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.7	14.5
236	25.2	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

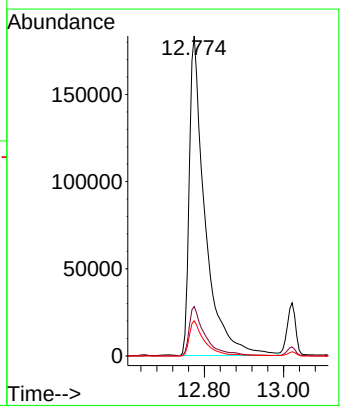
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

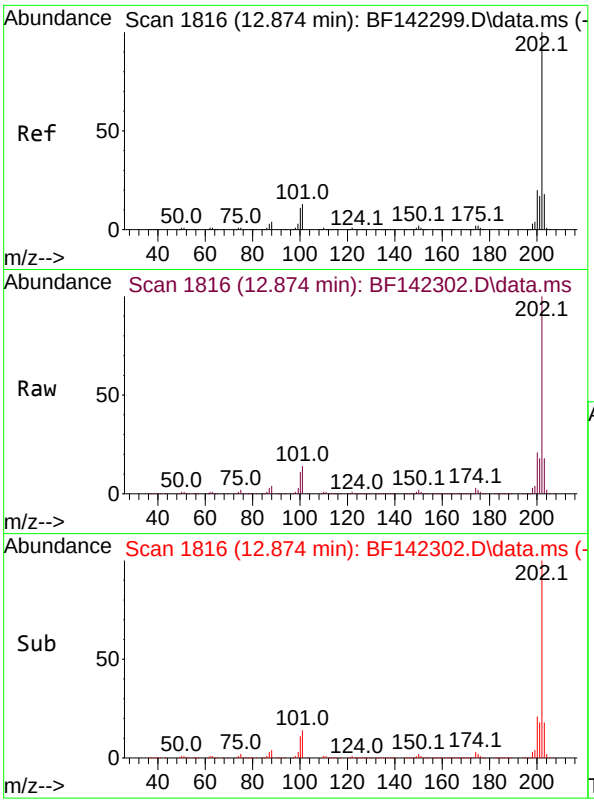


#77
Benzidine
Concen: 74.263 ng
RT: 12.774 min Scan# 1799
Delta R.T. 0.005 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:184 Resp: 504643

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	11.0	8.6	12.8

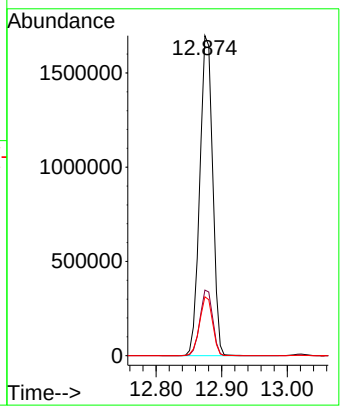




#78
Pyrene
Concen: 69.874 ng
RT: 12.874 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:202 Resp: 232563

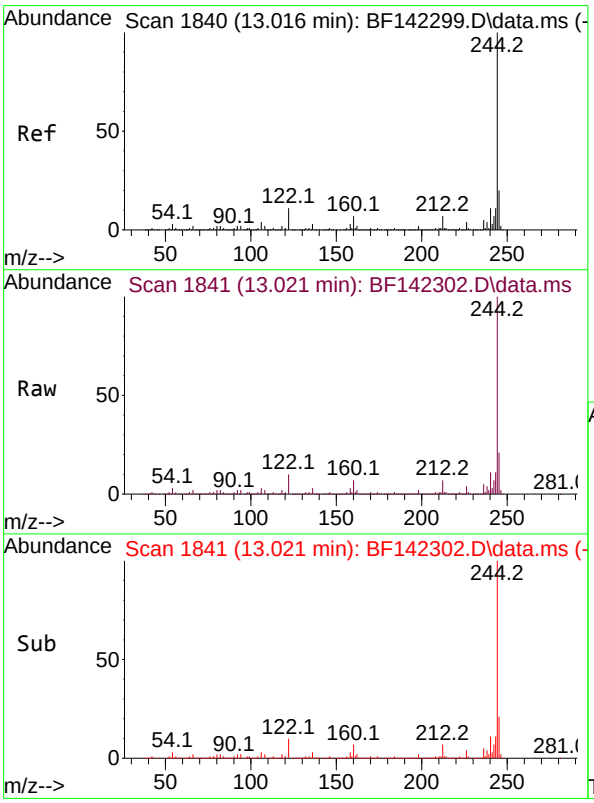
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.4
203	18.4	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

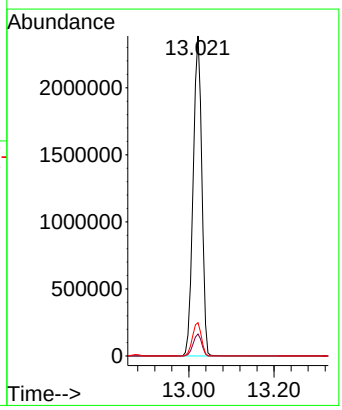
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

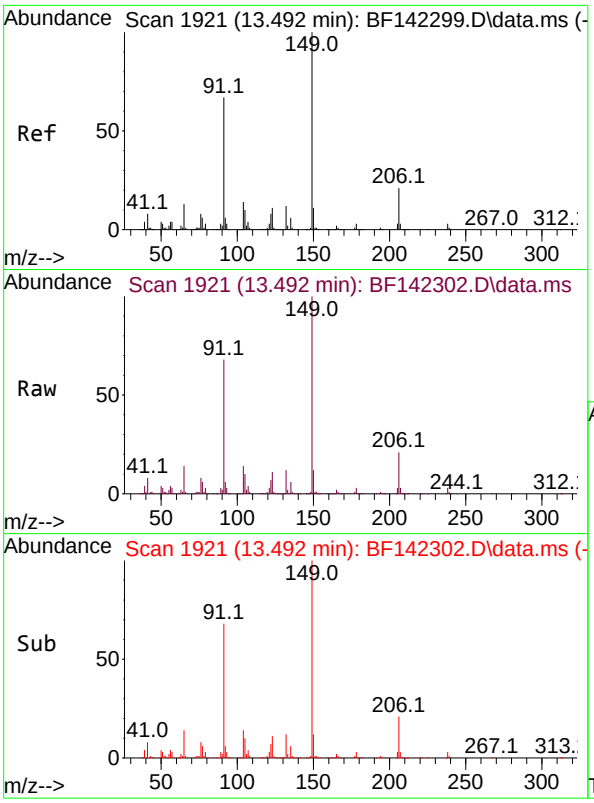


#79
Terphenyl-d14
Concen: 133.004 ng
RT: 13.021 min Scan# 1841
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:244 Resp: 3360156

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	10.4	9.0	13.4

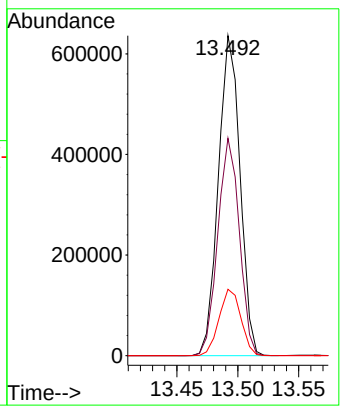




#80
Butylbenzylphthalate
Concen: 78.621 ng
RT: 13.492 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:149 Resp: 78821

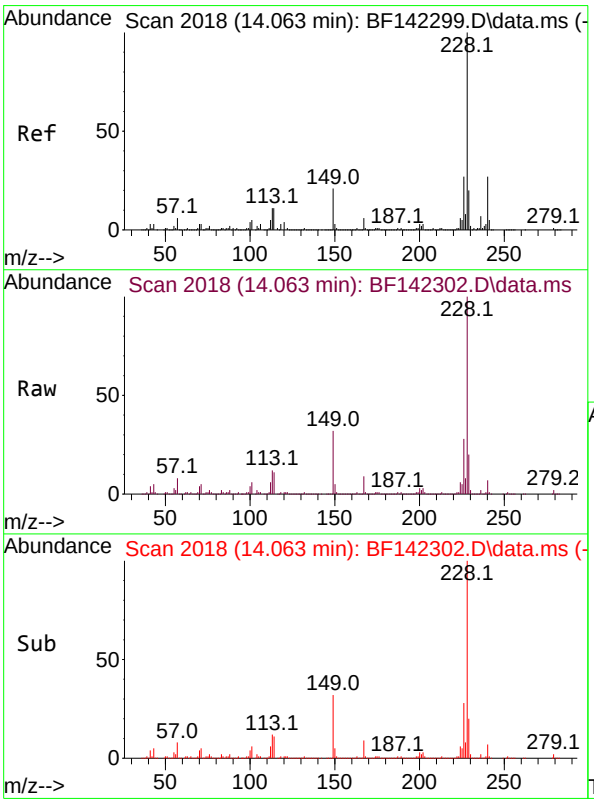
Ion	Ratio	Lower	Upper
149	100		
91	67.9	53.8	80.6
206	20.8	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

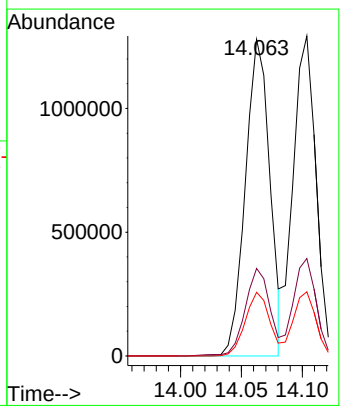
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

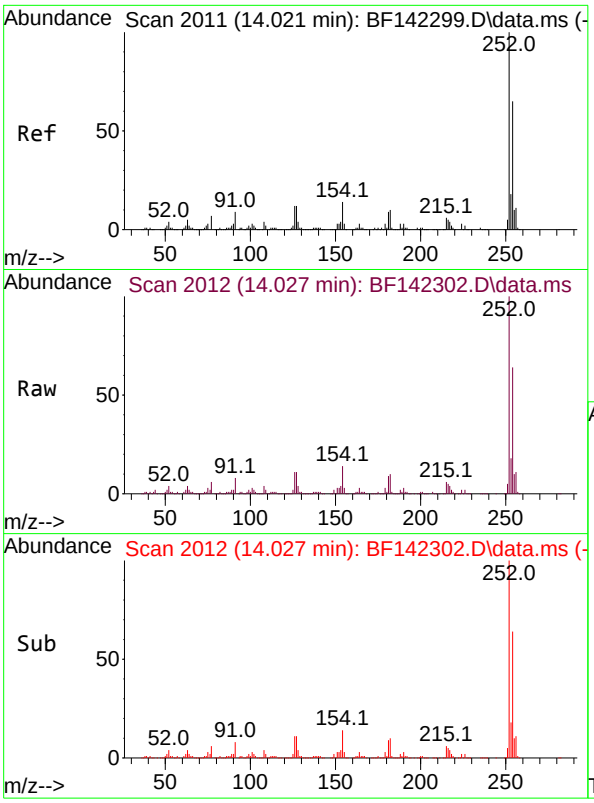


#81
Benzo(a)anthracene
Concen: 73.621 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:228 Resp: 1782801

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.5	32.3
229	20.1	15.9	23.9

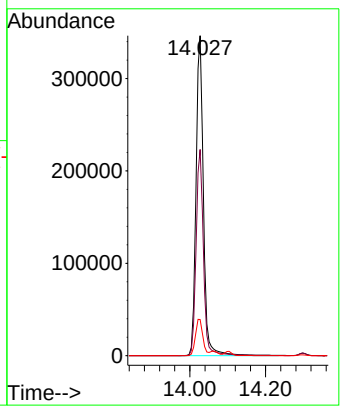




#82
3,3'-Dichlorobenzidine
Concen: 84.217 ng
RT: 14.027 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:252 Resp: 47426

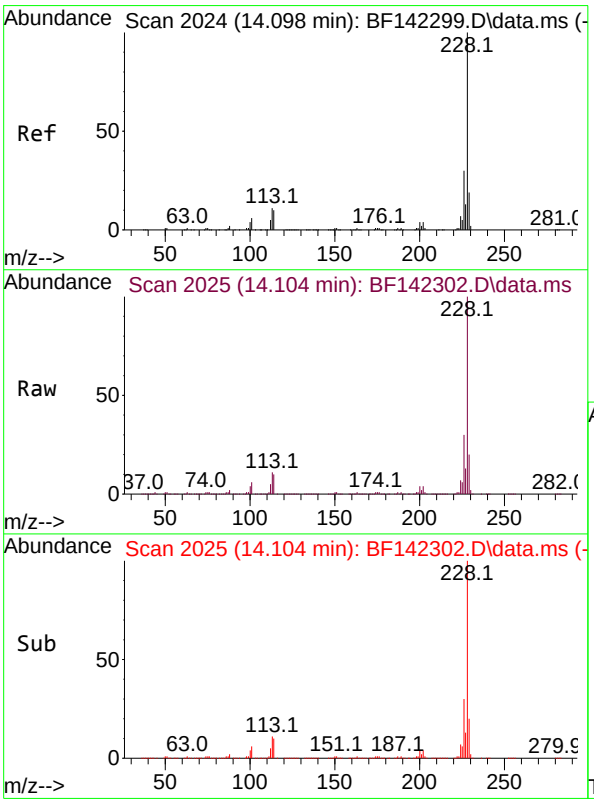
Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.0	78.0
126	11.3	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

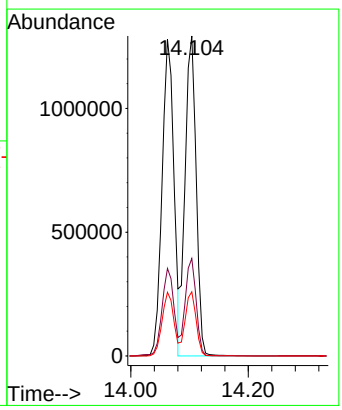
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

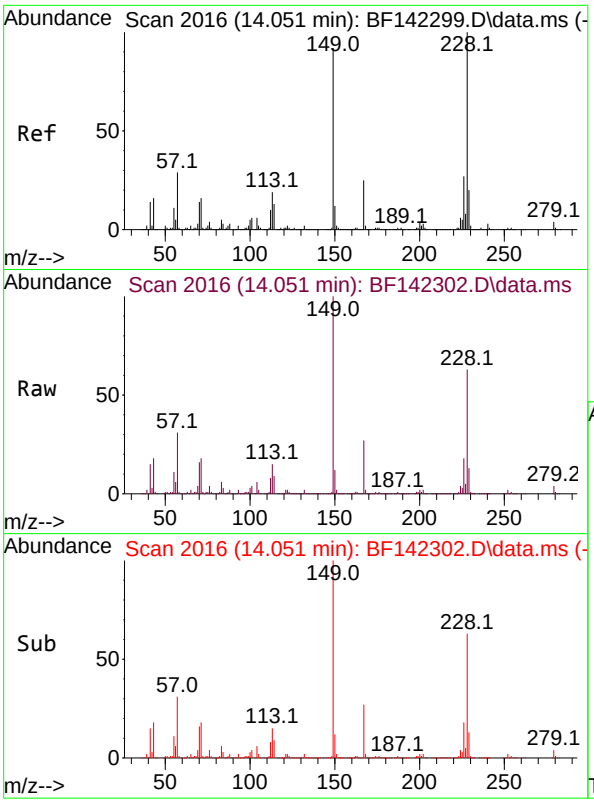


#83
Chrysene
Concen: 74.873 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:228 Resp: 1687889

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	20.0	15.4	23.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 79.404 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

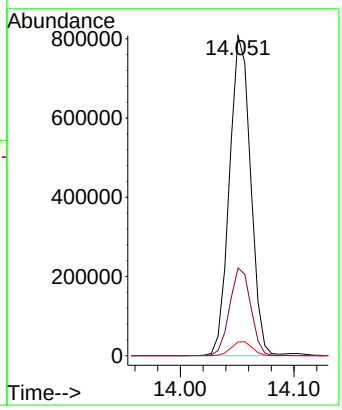
Tgt Ion:149 Resp: 104284

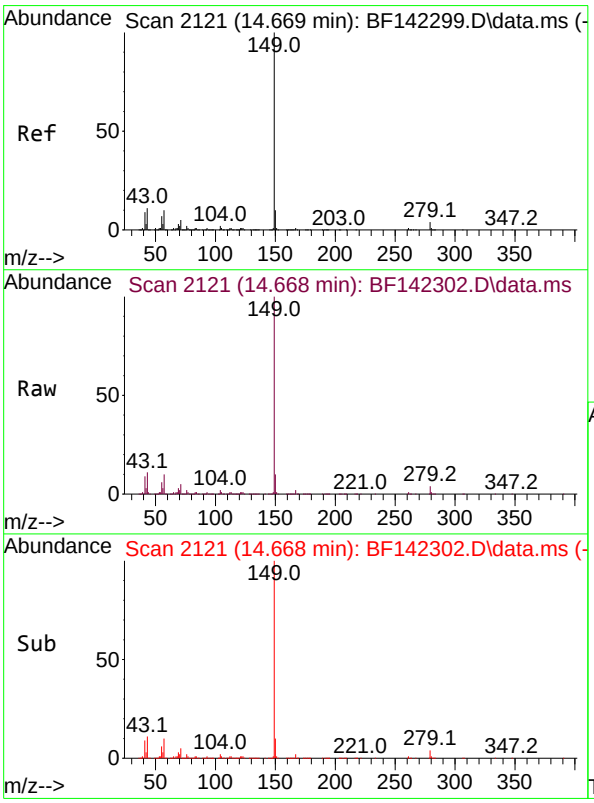
Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.0	33.0
279	4.2	3.0	4.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

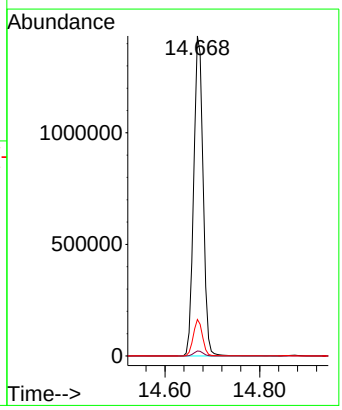


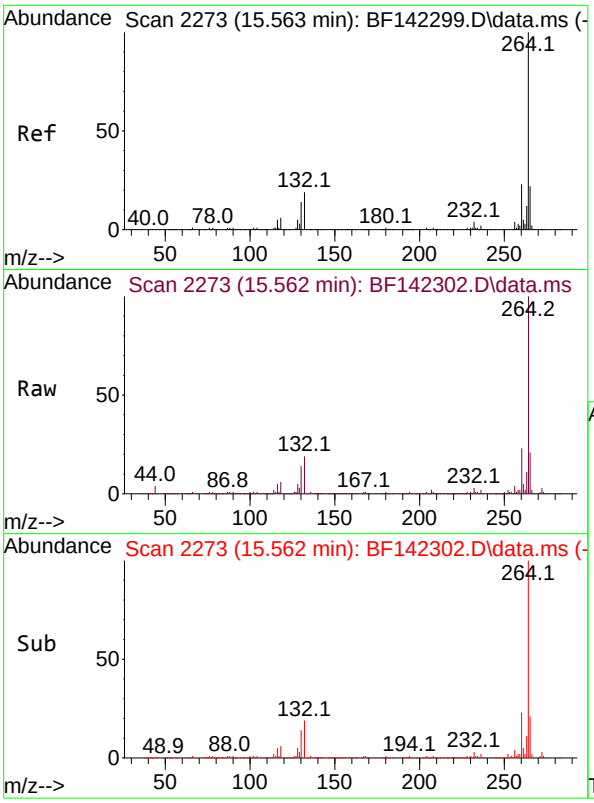


#85
Di-n-octyl phthalate
Concen: 80.100 ng
RT: 14.668 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:149 Resp: 1969676

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.3	9.2	13.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

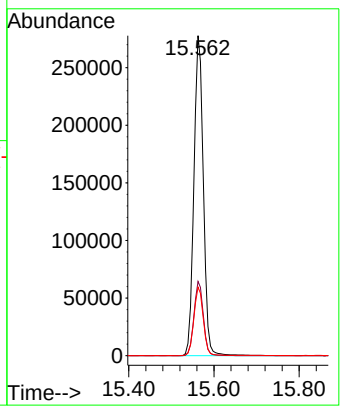
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

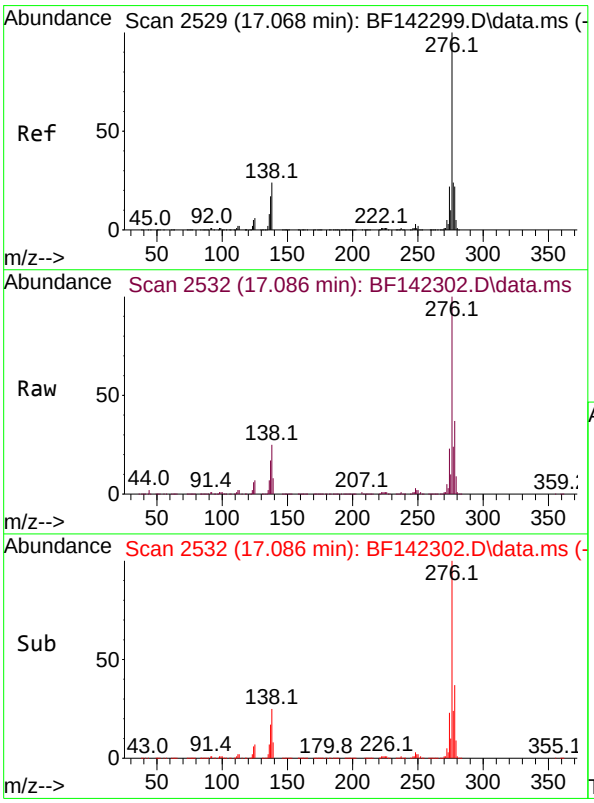
Tgt Ion:264 Resp: 42661

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.4	17.5	26.3

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

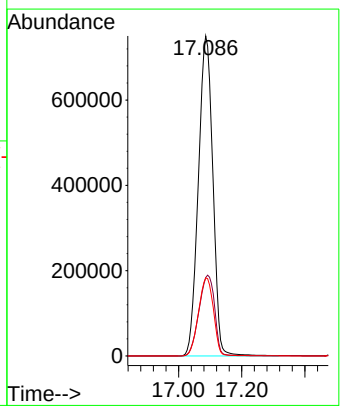


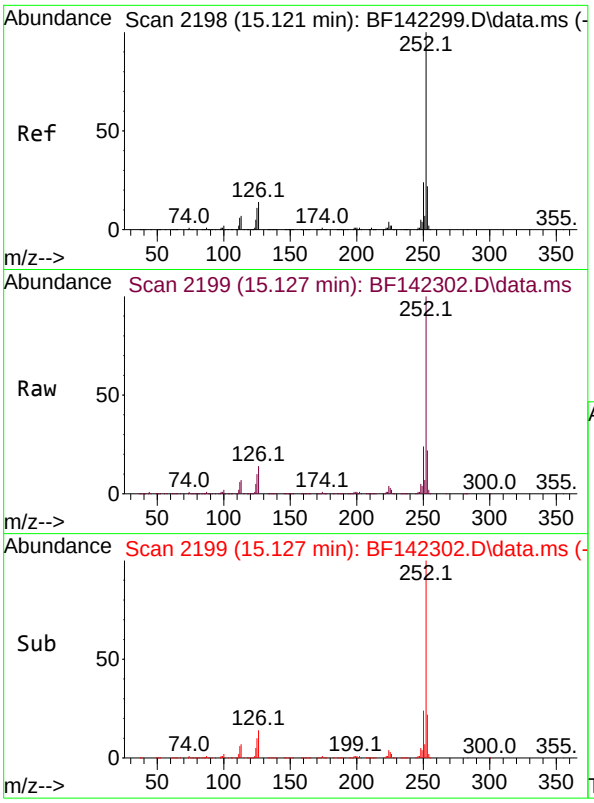


#87
Indeno(1,2,3-cd)pyrene
Concen: 80.614 ng
RT: 17.086 min Scan# 2532
Delta R.T. 0.017 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:276 Resp: 2392344

Ion	Ratio	Lower	Upper
276	100		
138	27.3	22.0	33.0
277	25.3	20.1	30.1

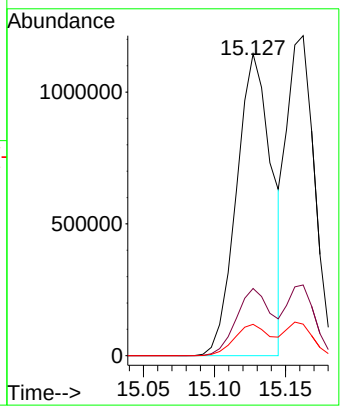




#88
Benzo(b)fluoranthene
Concen: 76.350 ng
RT: 15.127 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:252 Resp: 197274

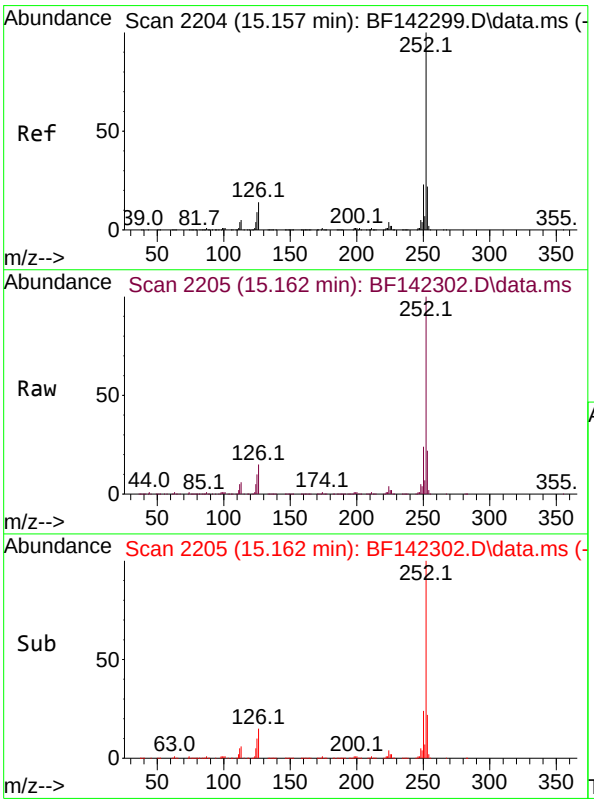
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.4	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

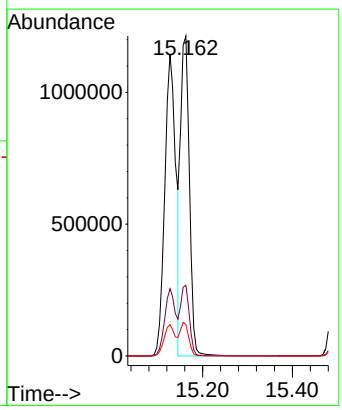
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

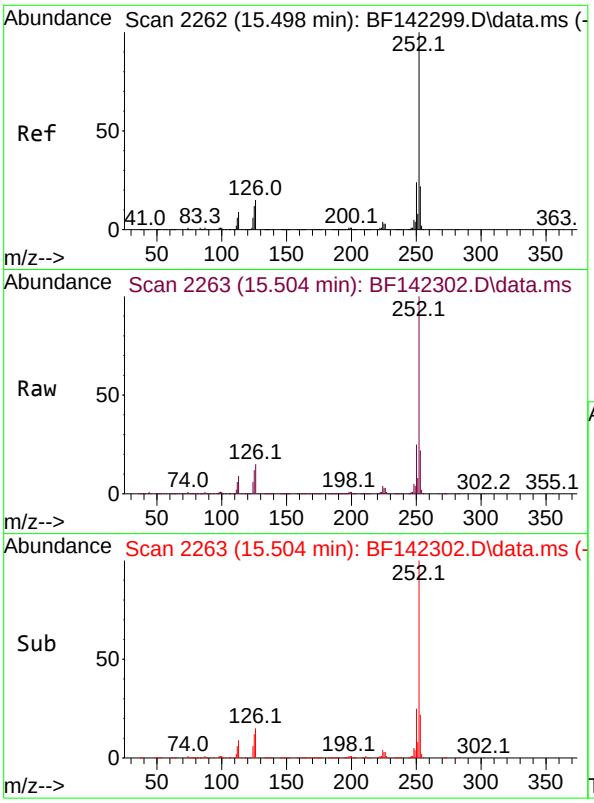


#89
Benzo(k)fluoranthene
Concen: 69.919 ng
RT: 15.162 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:252 Resp: 1653244

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.9	8.1	12.1

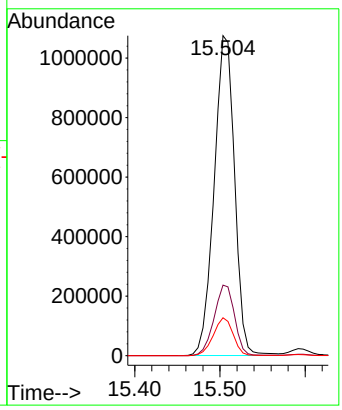




#90
Benzo(a)pyrene
Concen: 77.653 ng
RT: 15.504 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:252 Resp: 179797

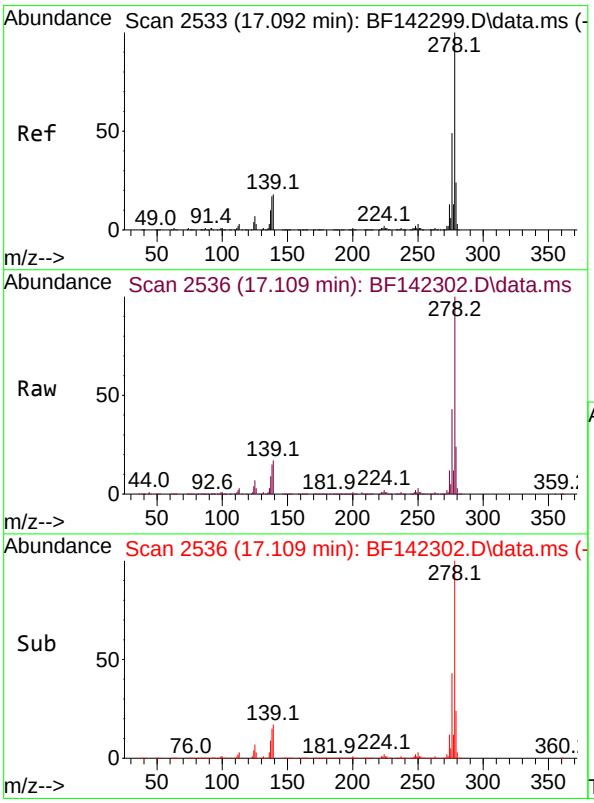
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.9	9.4	14.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

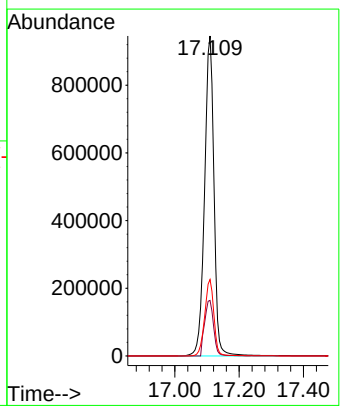
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

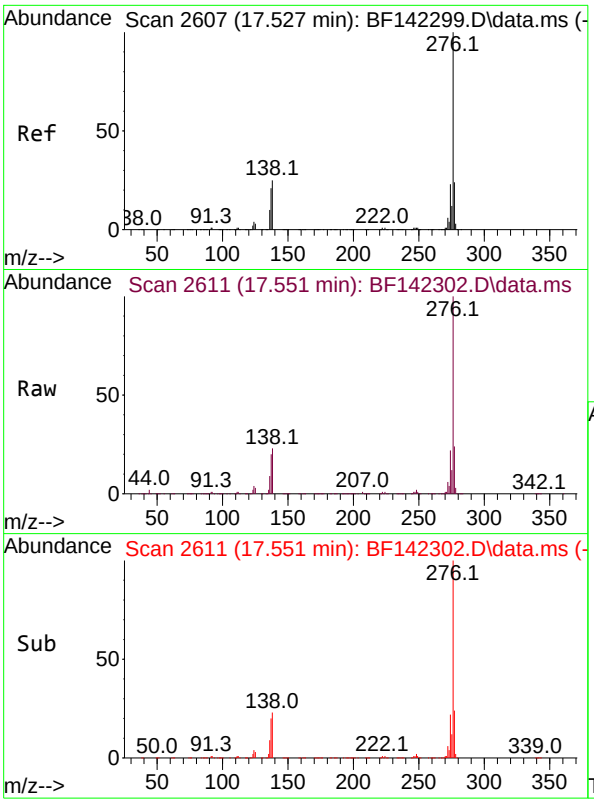


#91
Dibenzo(a,h)anthracene
Concen: 78.562 ng
RT: 17.109 min Scan# 2536
Delta R.T. 0.017 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:278 Resp: 1926135

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.5	21.7
279	23.9	18.9	28.3

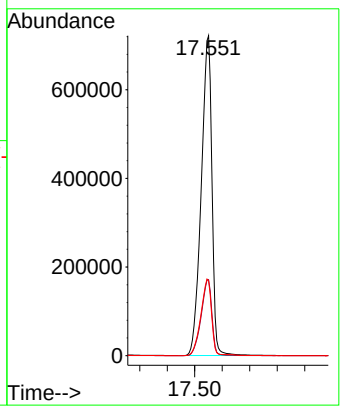




#92
Benzo(g,h,i)perylene
Concen: 80.182 ng
RT: 17.551 min Scan# 2
Delta R.T. 0.023 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:276 Resp: 195112

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	23.4	19.8	29.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	230180	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	893807	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	478877	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	810843	20.000	ng	0.00
76) Chrysene-d12	14.074	240	446151	20.000	ng	0.00
86) Perylene-d12	15.563	264	447218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1038606	77.026	ng	0.00
7) Phenol-d6	6.522	99	1267516	76.429	ng	0.00
23) Nitrobenzene-d5	7.469	82	1224734	83.567	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	384712	83.209	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2396964	71.371	ng	0.00
79) Terphenyl-d14	13.016	244	2301923	76.366	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	231020	38.046	ng	99
3) Pyridine	3.452	79	584384	40.992	ng	99
4) n-Nitrosodimethylamine	3.405	42	317717	38.346	ng	100
6) Aniline	6.569	93	686015	42.173	ng	99
8) 2-Chlorophenol	6.687	128	572045	39.701	ng	100
9) Benzaldehyde	6.457	77	330476	34.048	ng	100
10) Phenol	6.540	94	676388m	38.399	ng	
11) bis(2-Chloroethyl)ether	6.640	93	624602m	36.030	ng	
12) 1,3-Dichlorobenzene	6.845	146	616110	37.375	ng	99
13) 1,4-Dichlorobenzene	6.922	146	623676	37.681	ng	99
14) 1,2-Dichlorobenzene	7.075	146	600086	37.772	ng	99
15) Benzyl Alcohol	7.045	79	436337	40.632	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	983896	38.006	ng	100
17) 2-Methylphenol	7.151	107	454505	38.961	ng	100
18) Hexachloroethane	7.422	117	218260	39.633	ng	100
19) n-Nitroso-di-n-propyla...	7.322	70	394300	38.437	ng	98
20) 3+4-Methylphenols	7.304	107	569096	39.089	ng	97
22) Acetophenone	7.316	105	745621	37.519	ng	99
24) Nitrobenzene	7.487	77	572370	41.431	ng	99
25) Isophorone	7.728	82	1066427	38.426	ng	99
26) 2-Nitrophenol	7.804	139	276219	42.037	ng	99
27) 2,4-Dimethylphenol	7.834	122	542819	38.903	ng	98
28) bis(2-Chloroethoxy)met...	7.934	93	681438	38.186	ng	99
29) 2,4-Dichlorophenol	8.039	162	482996	40.715	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	500471	37.487	ng	99
31) Naphthalene	8.210	128	1645769	37.992	ng	100
32) Benzoic acid	7.939	122	311574m	43.072	ng	
33) 4-Chloroaniline	8.257	127	706603m	39.993	ng	
34) Hexachlorobutadiene	8.328	225	304456	38.512	ng	100
35) Caprolactam	8.622	113	143456	41.494	ng	96
36) 4-Chloro-3-methylphenol	8.728	107	489740	39.715	ng	99
37) 2-Methylnaphthalene	8.898	142	1013246	37.643	ng	98
38) 1-Methylnaphthalene	8.998	142	1052686	37.522	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	502278	37.555	ng	99
41) Hexachlorocyclopentadiene	9.057	237	347327	42.020	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	347673	41.212	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	358022	39.886	ng	99
46) 1,1'-Biphenyl	9.363	154	1368945	37.283	ng	100
47) 2-Chloronaphthalene	9.392	162	1019130	37.323	ng	100
48) 2-Nitroaniline	9.481	65	312727	44.681	ng	99
49) Acenaphthylene	9.804	152	1728165	37.833	ng	100
50) Dimethylphthalate	9.663	163	1173252	38.154	ng	100
51) 2,6-Dinitrotoluene	9.722	165	257792	44.788	ng	96
52) Acenaphthene	9.981	154	1029833	37.495	ng	99
53) 3-Nitroaniline	9.898	138	291556	43.190	ng	95
54) 2,4-Dinitrophenol	9.992	184	114850	42.149	ng	85
55) Dibenzofuran	10.151	168	1506186	37.158	ng	99
56) 4-Nitrophenol	10.039	139	225481	44.381	ng	98
57) 2,4-Dinitrotoluene	10.128	165	334070	45.248	ng	97
58) Fluorene	10.492	166	1135685	36.712	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	308477	41.630	ng	99
60) Diethylphthalate	10.363	149	1168902	38.064	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	549616	36.826	ng	99
62) 4-Nitroaniline	10.504	138	210408	39.327	ng	99
63) Azobenzene	10.645	77	1112390	37.908	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	152861	41.574	ng	99
66) n-Nitrosodiphenylamine	10.604	169	1027891	38.096	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	352033	38.308	ng	99
68) Hexachlorobenzene	11.039	284	386876	38.273	ng	98
69) Atrazine	11.128	200	291834	41.032	ng	99
70) Pentachlorophenol	11.228	266	233208	43.855	ng	98
71) Phenanthrene	11.457	178	1591319	37.441	ng	100
72) Anthracene	11.510	178	1633756	37.410	ng	100
73) Carbazole	11.657	167	1466436	37.428	ng	100
74) Di-n-butylphthalate	11.992	149	1635344	39.694	ng	100
75) Fluoranthene	12.645	202	1560552	36.731	ng	100
77) Benzidine	12.769	184	349742	43.136	ng	100
78) Pyrene	12.874	202	1553540	39.120	ng	100
80) Butylbenzylphthalate	13.492	149	451916	39.681	ng	99
81) Benzo(a)anthracene	14.063	228	1121831	38.827	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	278603	41.464	ng	100
83) Chrysene	14.098	228	987170	36.701	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	576295	39.051	ng	99
85) Di-n-octyl phthalate	14.668	149	1053573	40.234	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	1258449	40.452	ng	100
88) Benzo(b)fluoranthene	15.121	252	1055207	38.957	ng	99
89) Benzo(k)fluoranthene	15.151	252	885574	35.727	ng	99
90) Benzo(a)pyrene	15.498	252	943474	38.871	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	1030211	40.084	ng	100
92) Benzo(g,h,i)perylene	17.533	276	1024727	40.171	ng	98

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

ICAL Form

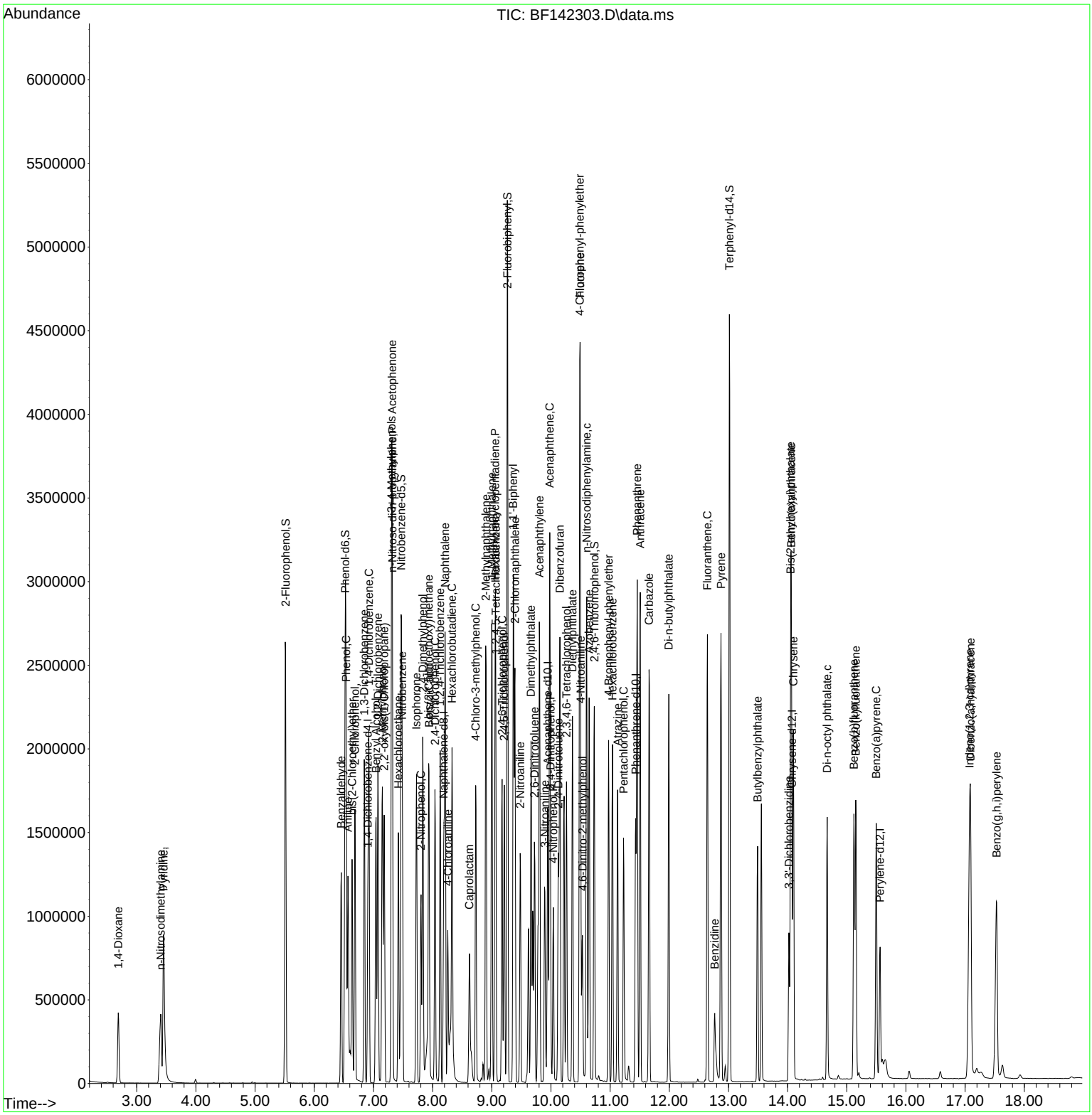
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

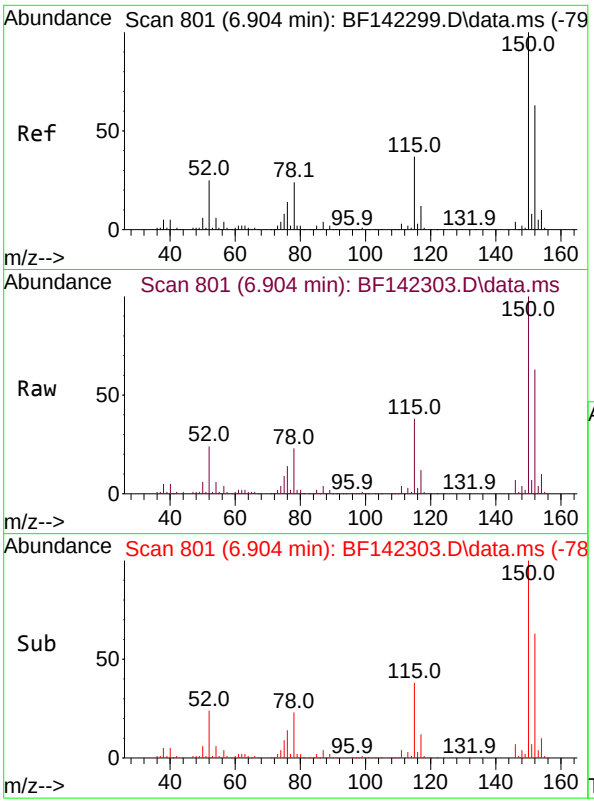
Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

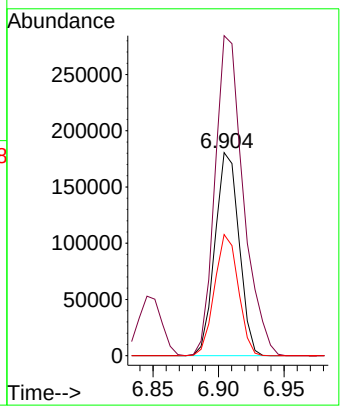




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:152 Resp: 23018(

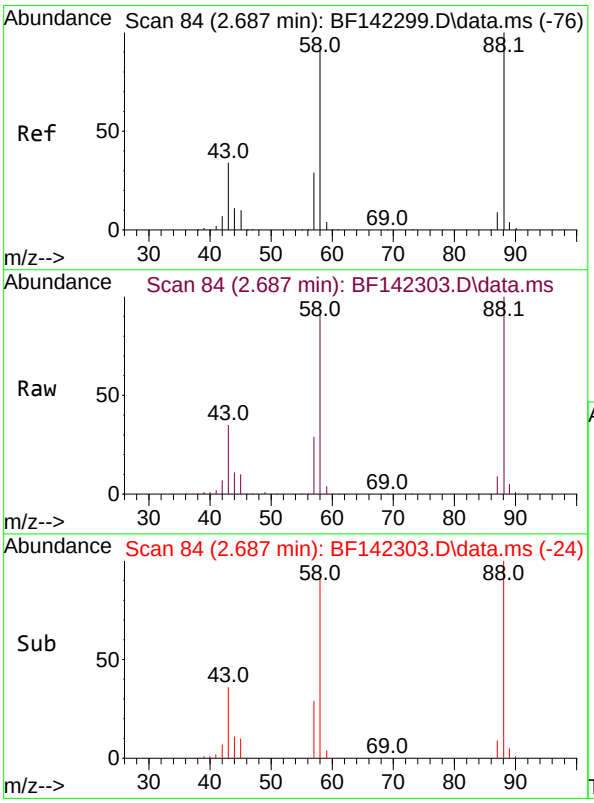
Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.6	190.0
115	59.7	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

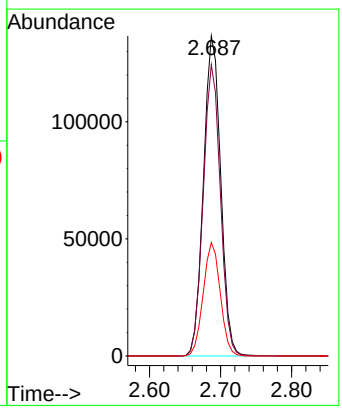
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

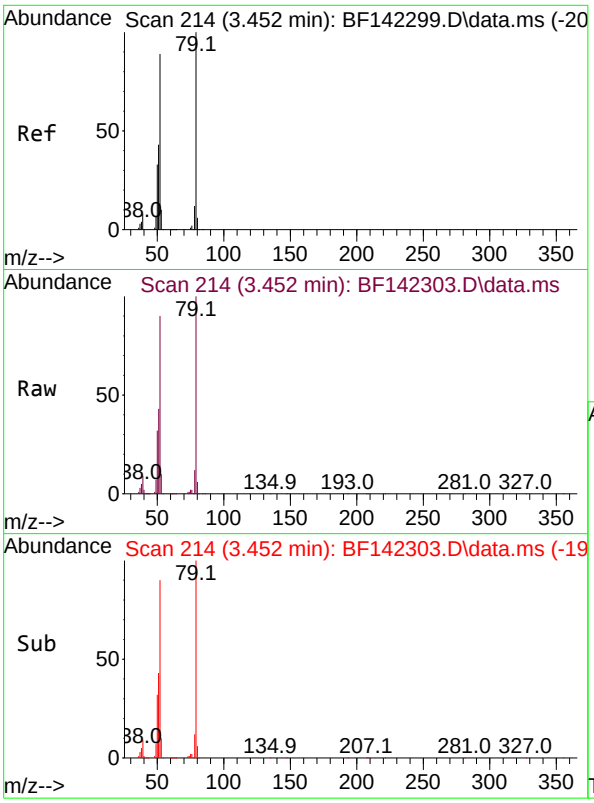


#2
1,4-Dioxane
Concen: 38.046 ng
RT: 2.687 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 88 Resp: 231020

Ion	Ratio	Lower	Upper
88	100		
58	90.4	73.0	109.4
43	35.1	27.8	41.6

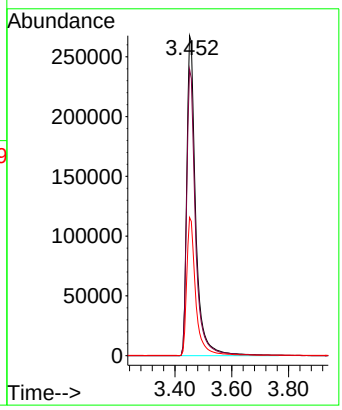




#3
Pyridine
Concen: 40.992 ng
RT: 3.452 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 79 Resp: 58438

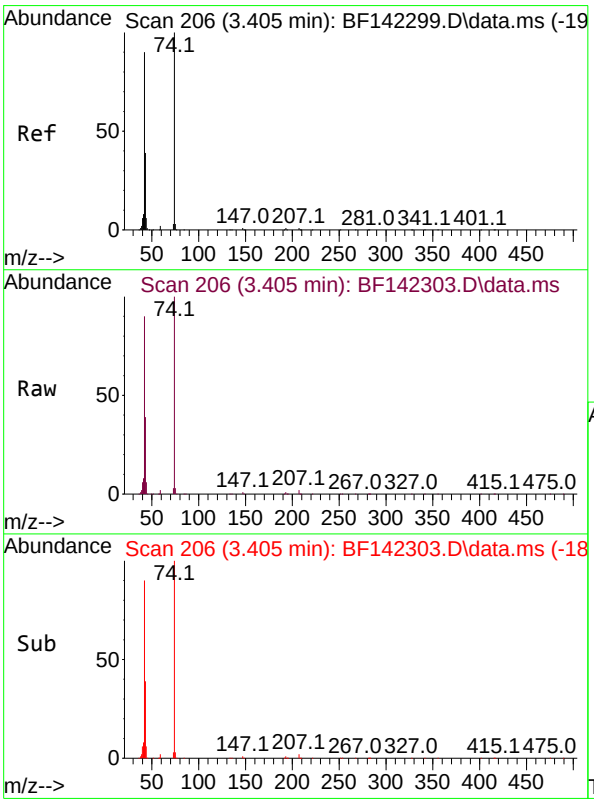
Ion	Ratio	Lower	Upper
79	100		
52	89.5	71.0	106.4
51	43.2	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

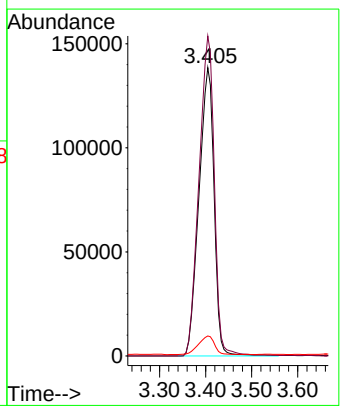
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

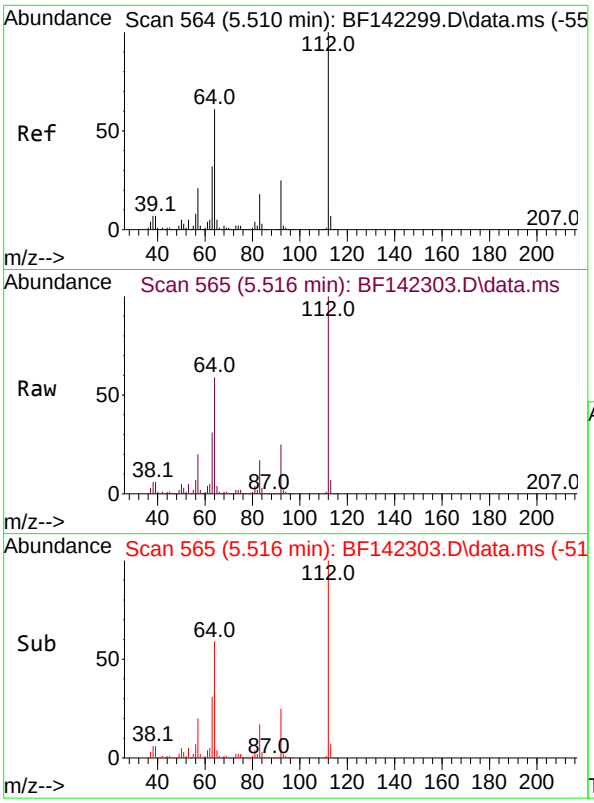


#4
n-Nitrosodimethylamine
Concen: 38.346 ng
RT: 3.405 min Scan# 206
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 42 Resp: 317717

Ion	Ratio	Lower	Upper
42	100		
74	111.0	88.5	132.7
44	6.9	5.8	8.8

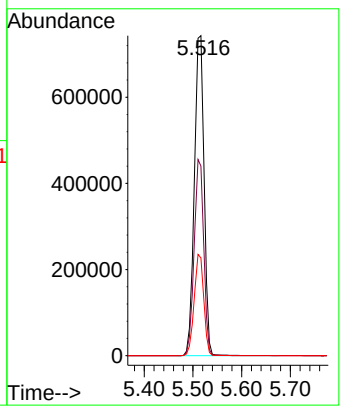




#5
2-Fluorophenol
Concen: 77.026 ng
RT: 5.516 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:112 Resp: 103860

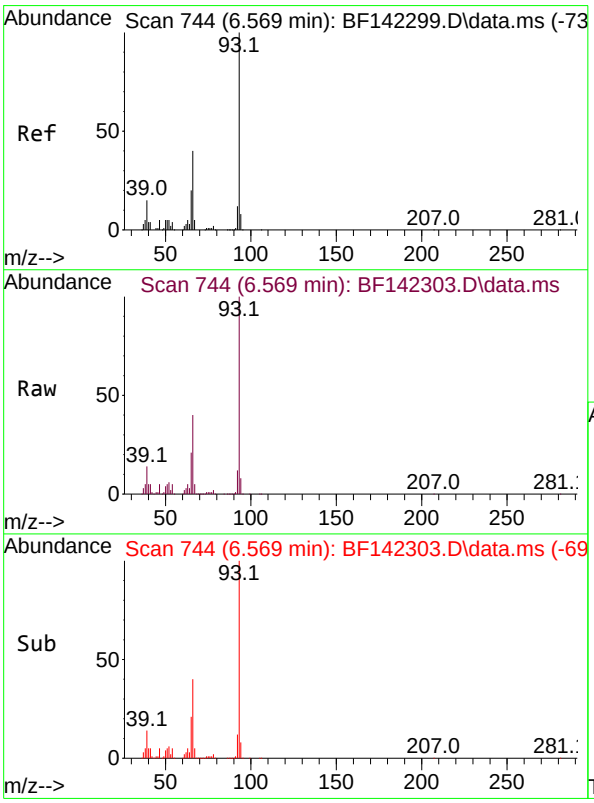
Ion	Ratio	Lower	Upper
112	100		
64	59.2	48.9	73.3
63	30.6	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

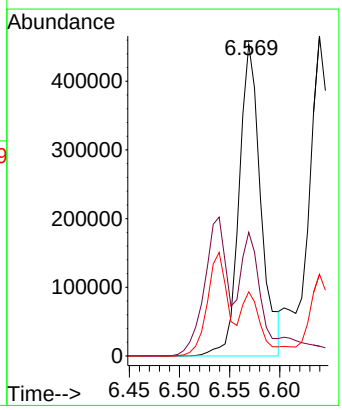
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

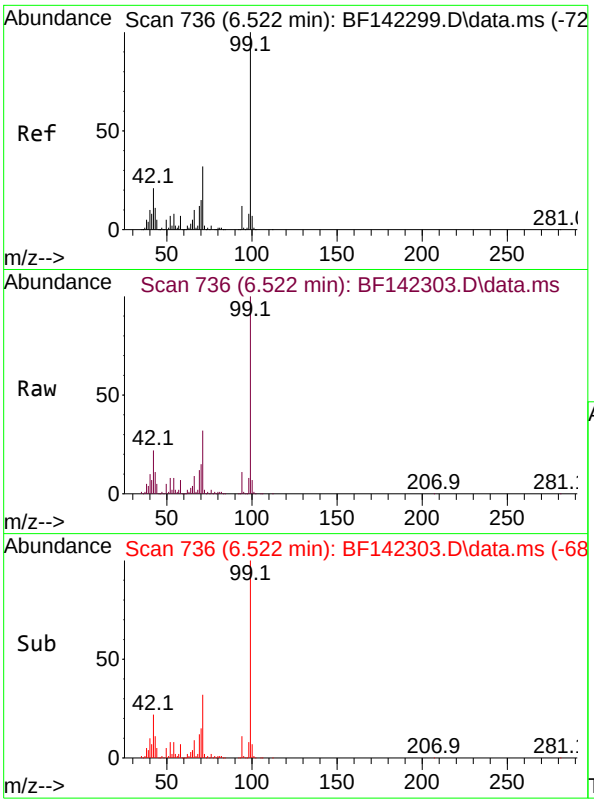


#6
Aniline
Concen: 42.173 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 93 Resp: 686015

Ion	Ratio	Lower	Upper
93	100		
66	39.7	32.2	48.4
65	20.6	16.3	24.5

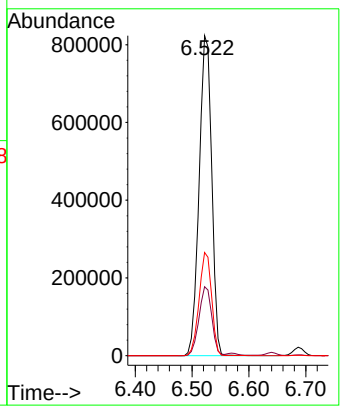




#7
Phenol-d6
Concen: 76.429 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 99 Resp: 126751

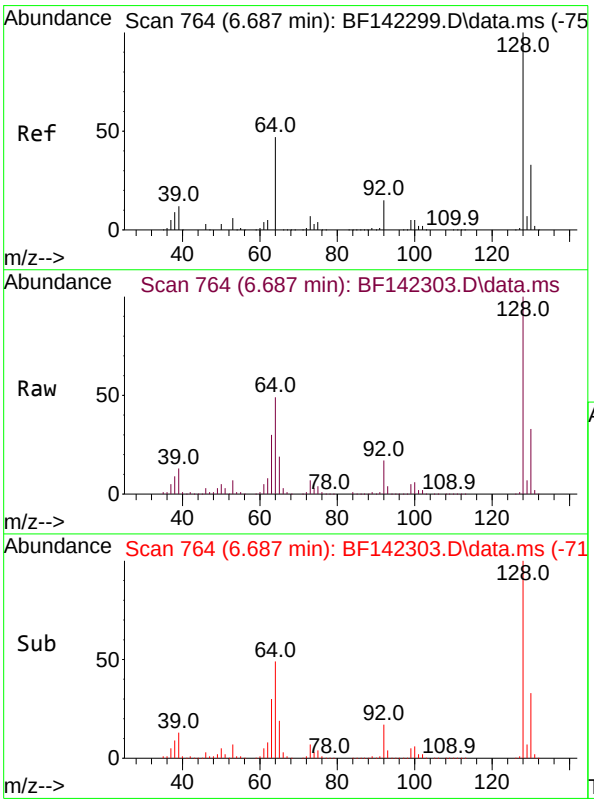
Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.0	25.4
71	32.2	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

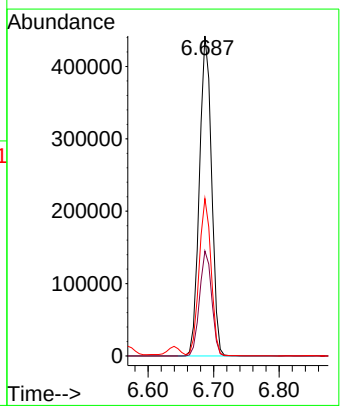
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

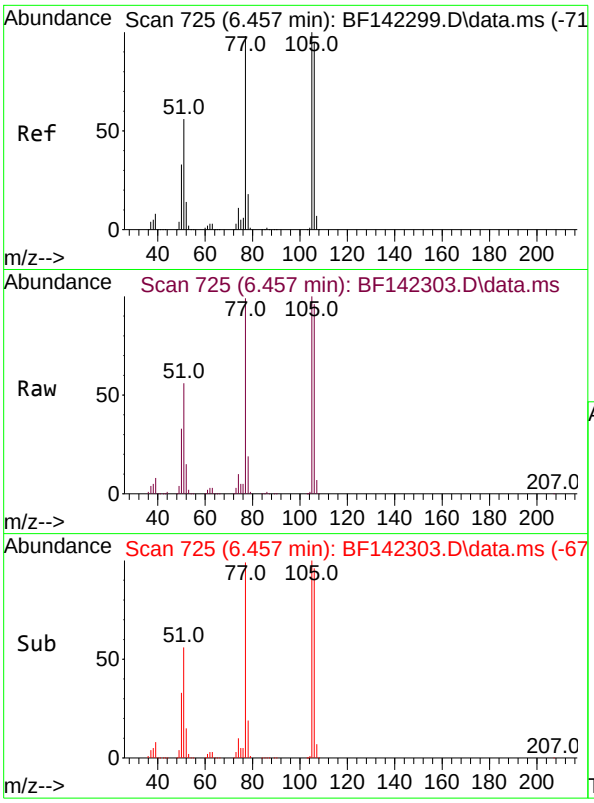


#8
2-Chlorophenol
Concen: 39.701 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:128 Resp: 572045

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	49.2	29.2	69.2

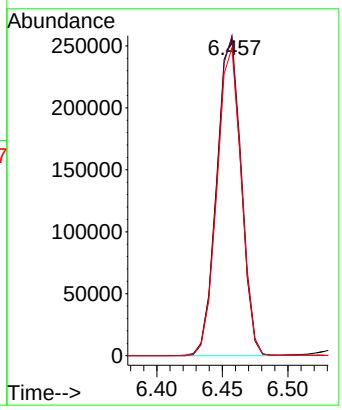




#9
Benzaldehyde
Concen: 34.048 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 77 Resp: 33047

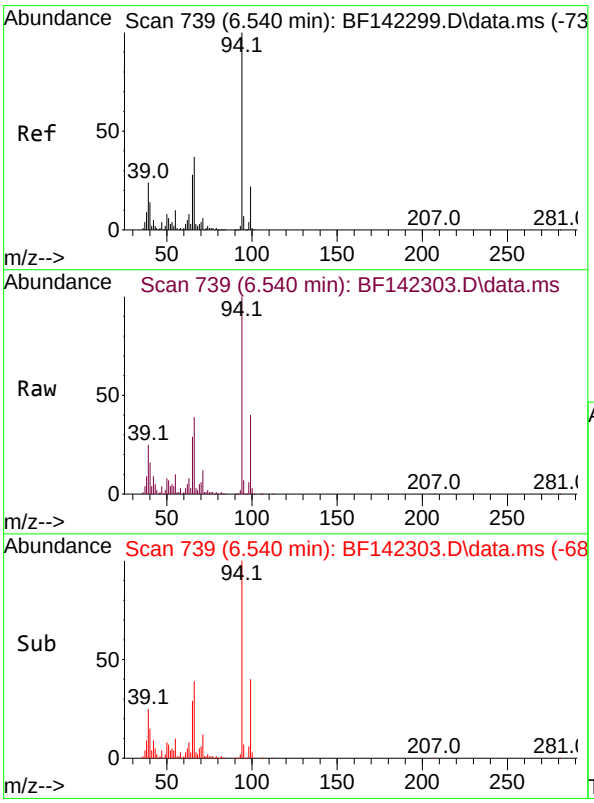
Ion	Ratio	Lower	Upper
77	100		
105	101.1	82.0	122.0
106	97.2	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

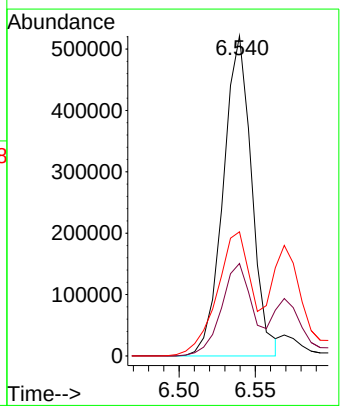
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

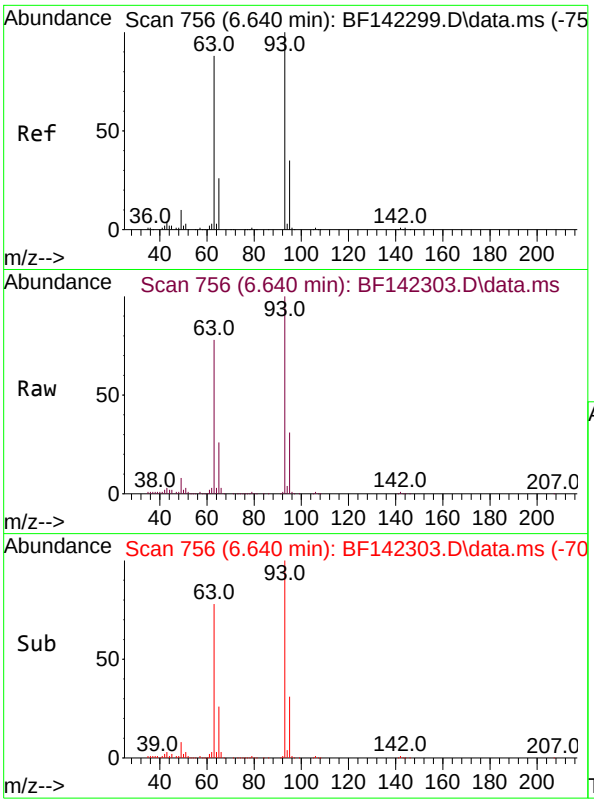


#10
Phenol
Concen: 38.399 ng m
RT: 6.540 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 94 Resp: 676388

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.5	48.5
66	38.8	17.3	57.3

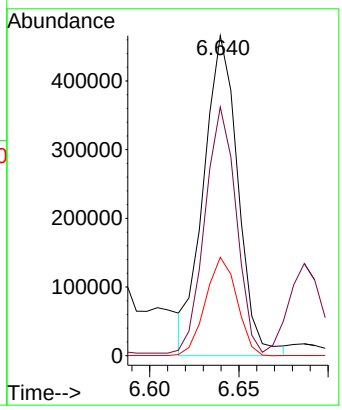




#11
bis(2-Chloroethyl)ether
Concen: 36.030 ng m
RT: 6.640 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 93 Resp: 62460

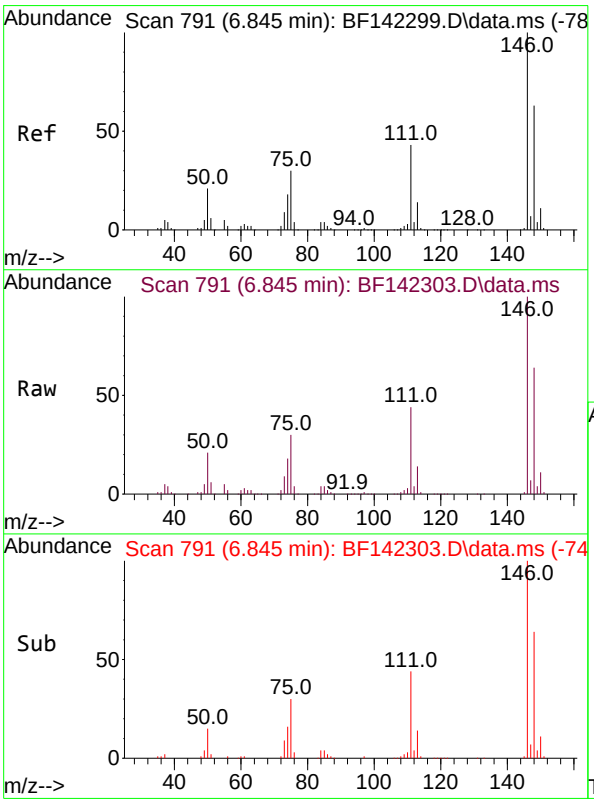
Ion	Ratio	Lower	Upper
93	100		
63	77.7	58.4	98.4
95	30.8	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

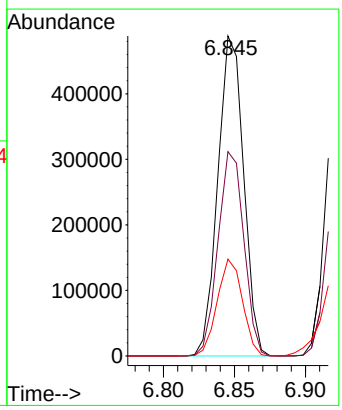
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

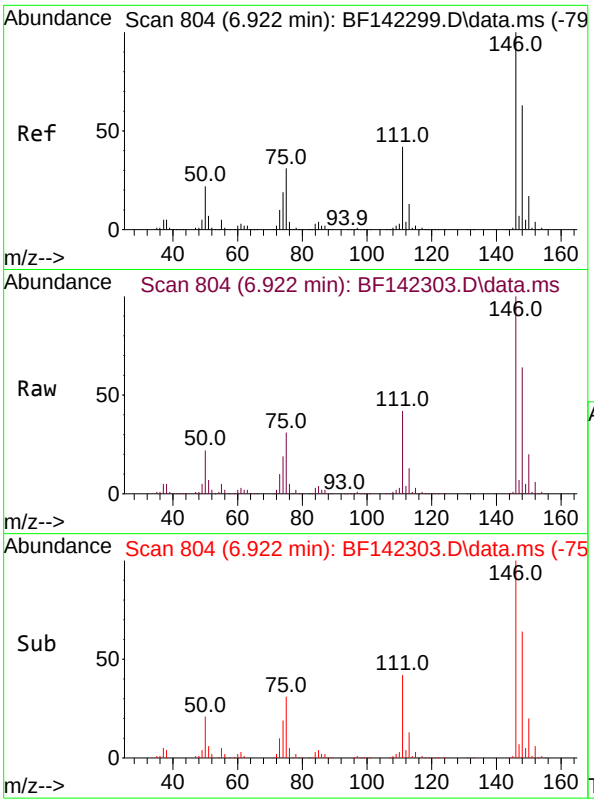


#12
1,3-Dichlorobenzene
Concen: 37.375 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:146 Resp: 616110

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	76.0
75	30.3	24.2	36.4

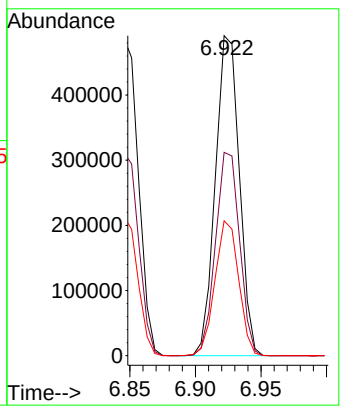




#13
1,4-Dichlorobenzene
Concen: 37.681 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:146 Resp: 62367

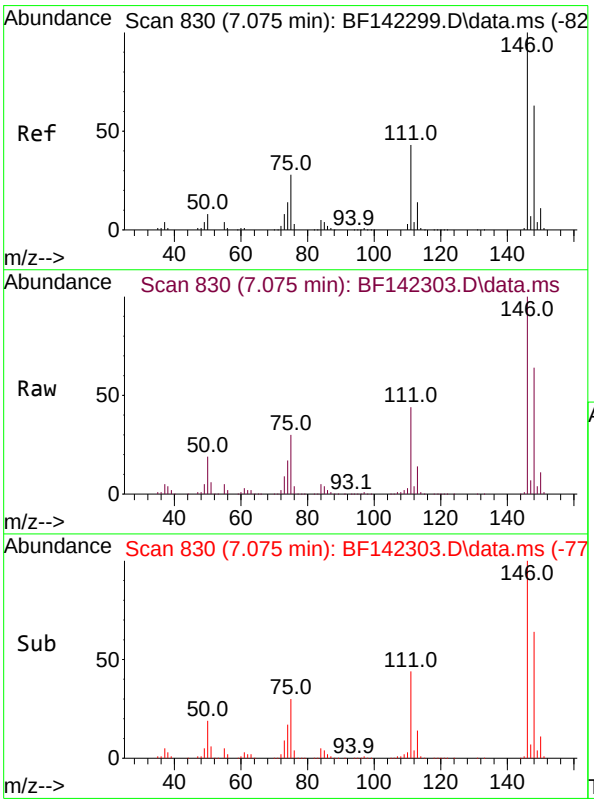
Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.5	75.7
111	42.1	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

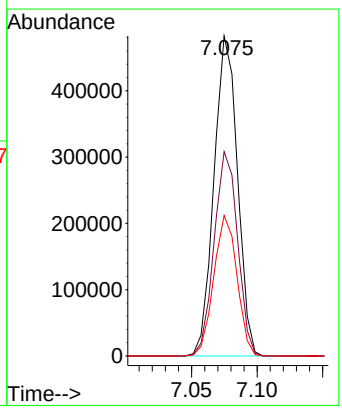
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

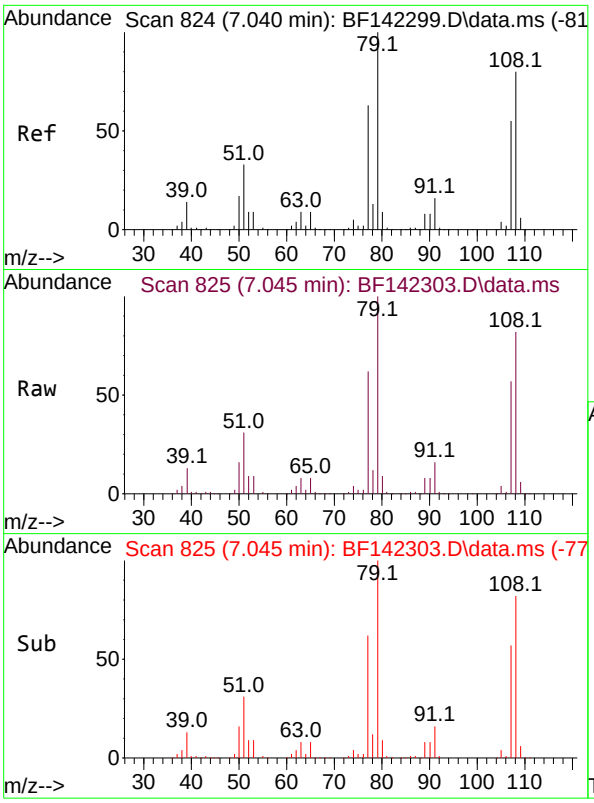


#14
1,2-Dichlorobenzene
Concen: 37.772 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:146 Resp: 600086

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.3	75.5
111	43.9	34.5	51.7

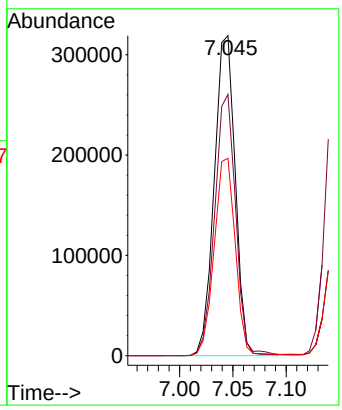




#15
Benzyl Alcohol
Concen: 40.632 ng
RT: 7.045 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 79 Resp: 43633

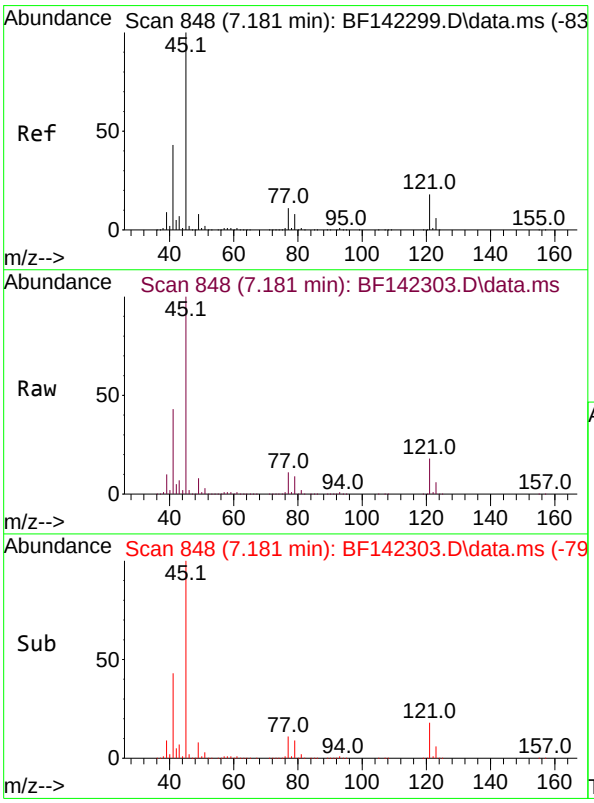
Ion	Ratio	Lower	Upper
79	100		
108	81.6	63.9	95.9
77	61.7	50.7	76.1



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

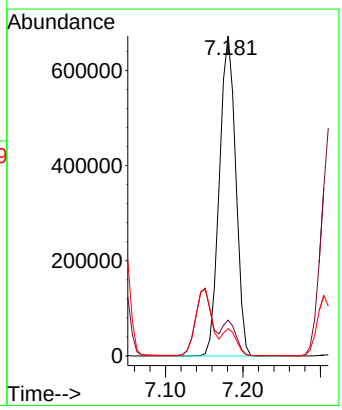
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

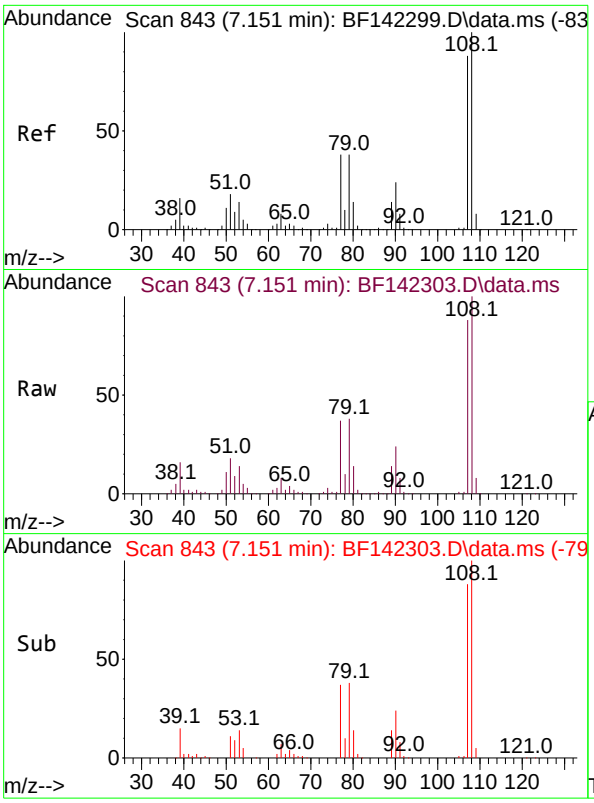


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.006 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 45 Resp: 983896

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.6	0.0	28.5

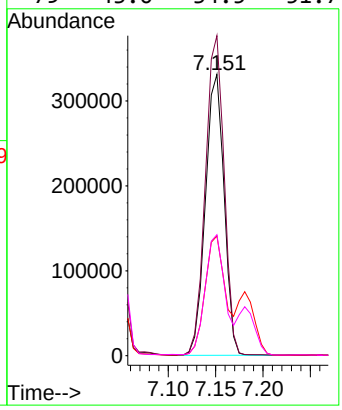




#17
2-Methylphenol
Concen: 38.961 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:107 Resp: 45450

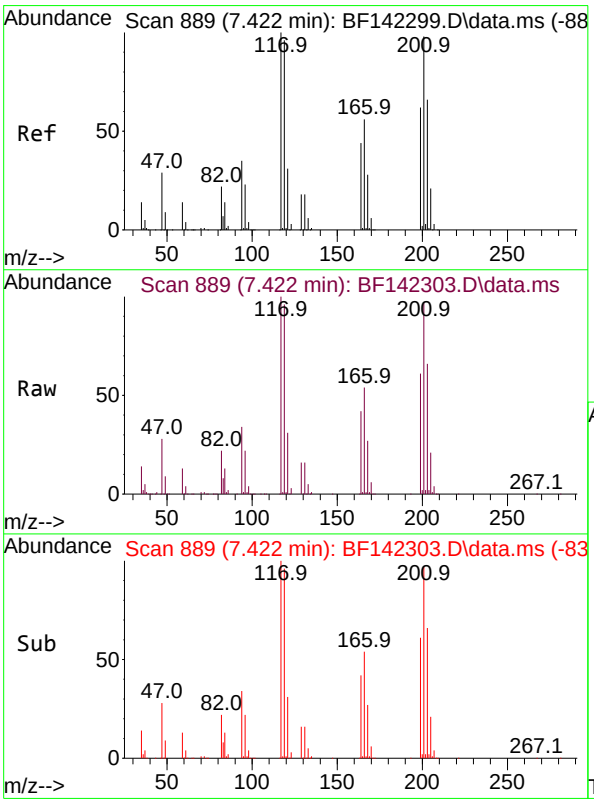
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.1	136.7
77	42.5	34.7	52.1
79	43.0	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

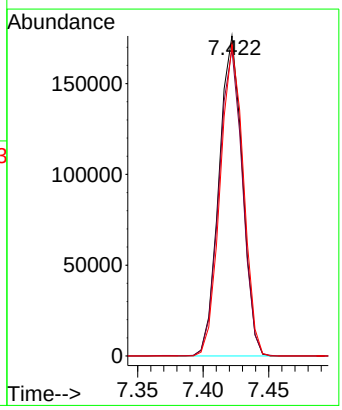
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

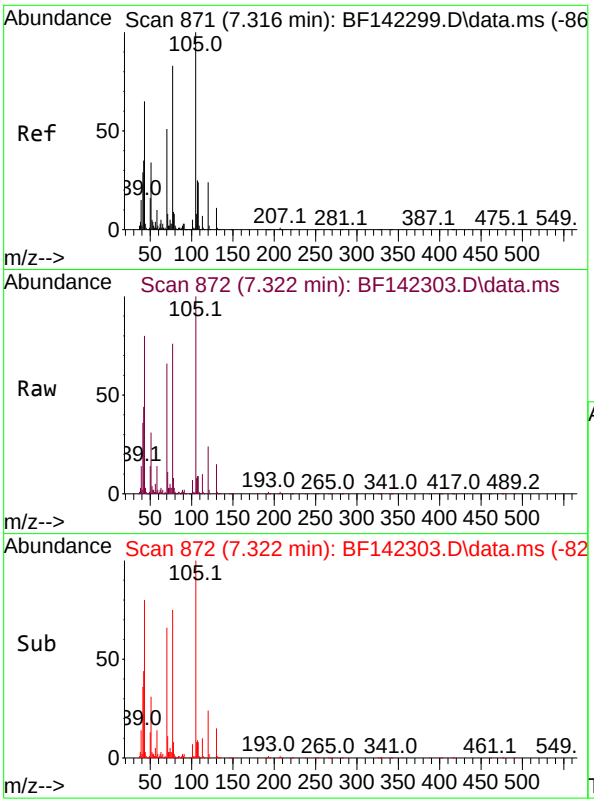


#18
Hexachloroethane
Concen: 39.633 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:117 Resp: 218260

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.9	115.3
201	97.3	78.0	117.0

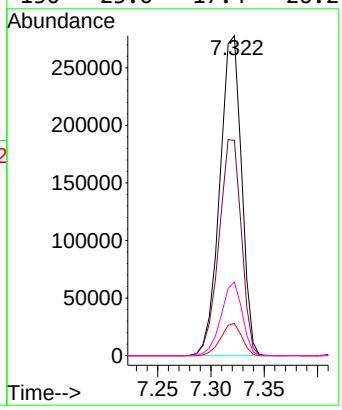




#19
n-Nitroso-di-n-propylamine
Concen: 38.437 ng
RT: 7.322 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 70 Resp: 39430

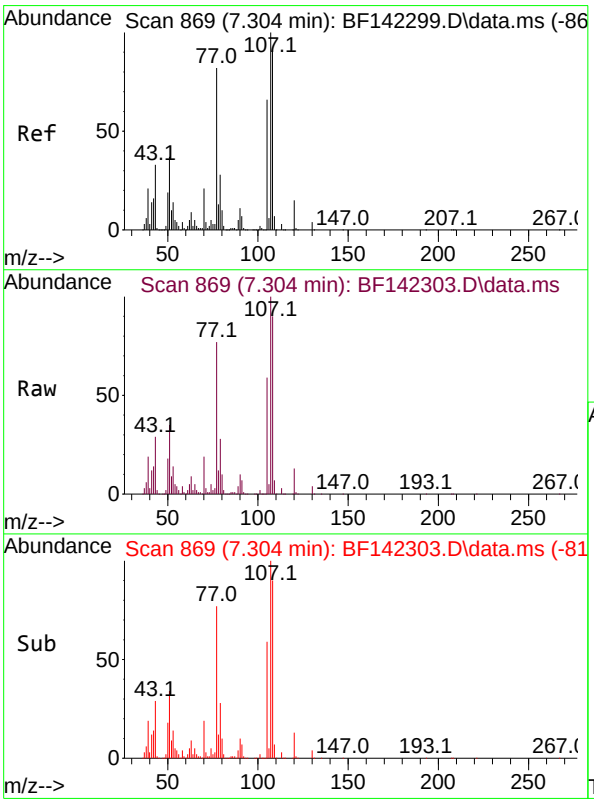
Ion	Ratio	Lower	Upper
70	100		
42	67.3	54.8	82.2
101	10.0	7.7	11.5
130	23.0	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

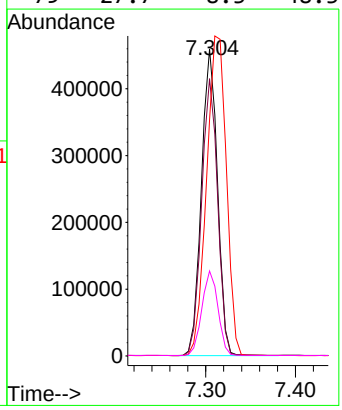
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

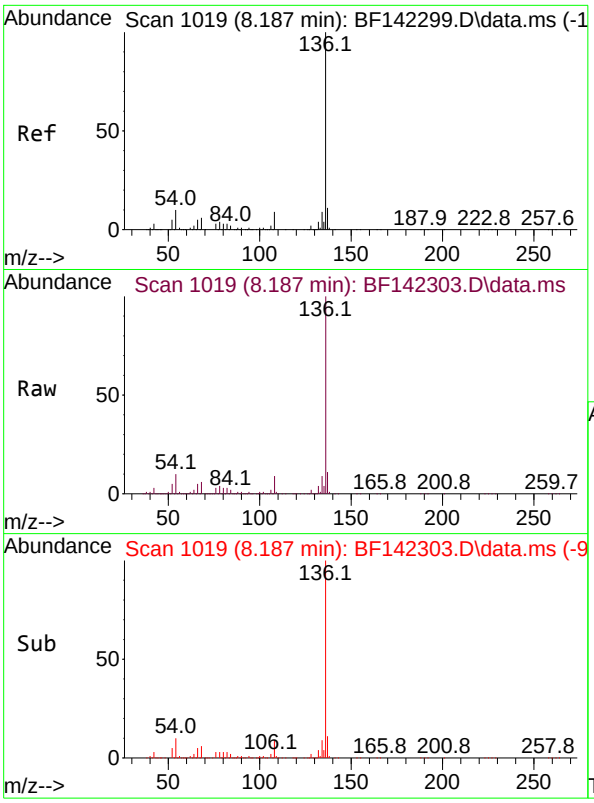


#20
3+4-Methylphenols
Concen: 39.089 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:107 Resp: 569096

Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.5	111.5
77	76.9	61.6	101.6
79	27.7	8.3	48.3

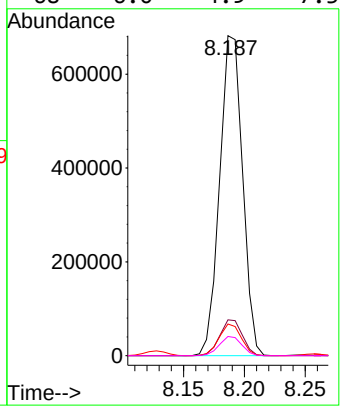




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:136 Resp: 89380

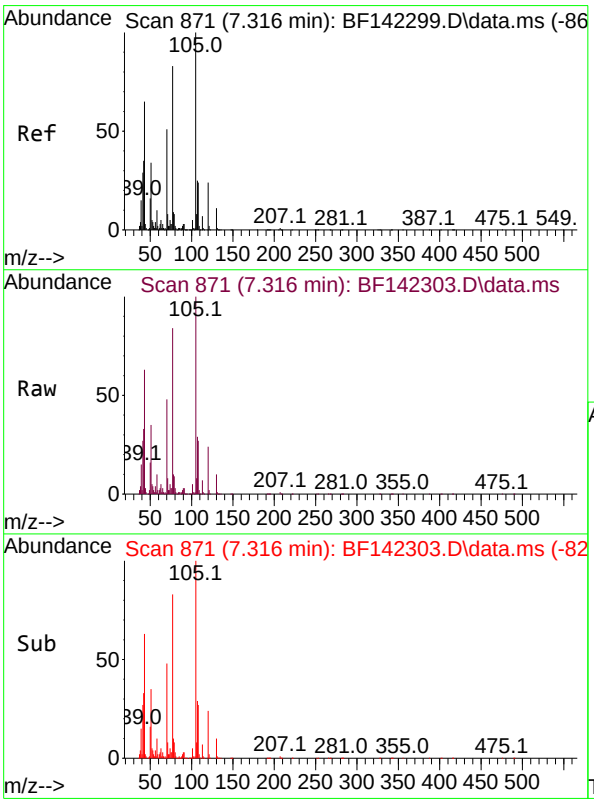
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.9	7.7	11.5
68	6.0	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

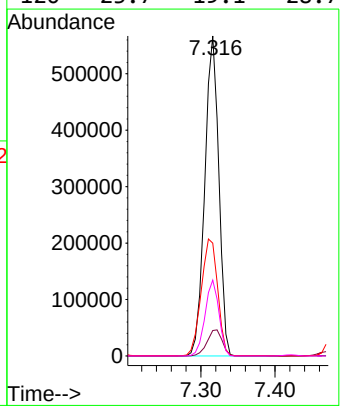
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

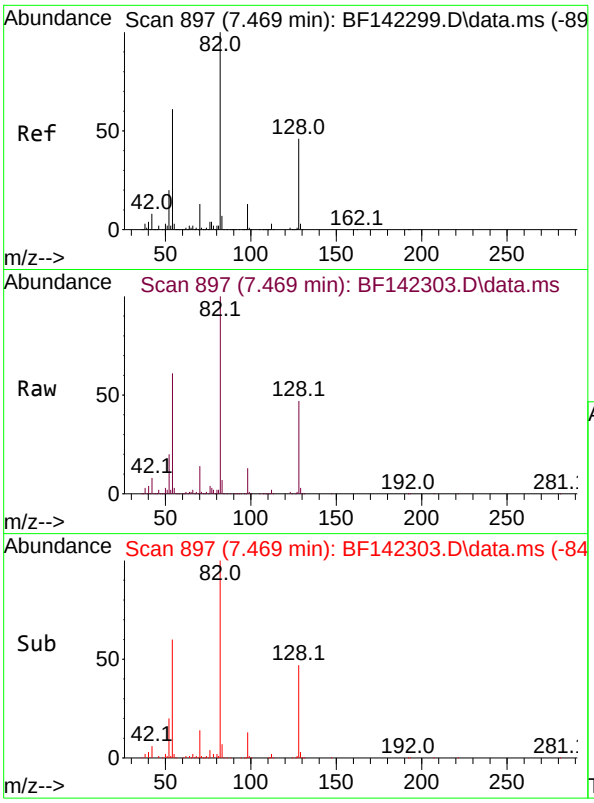


#22
Acetophenone
Concen: 37.519 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:105 Resp: 745621

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.7	10.1
51	35.2	27.6	41.4
120	23.7	19.1	28.7

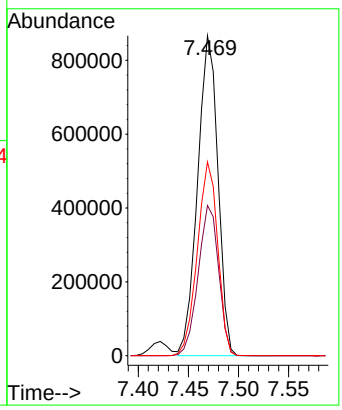




#23
Nitrobenzene-d5
Concen: 83.567 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 82 Resp: 122473

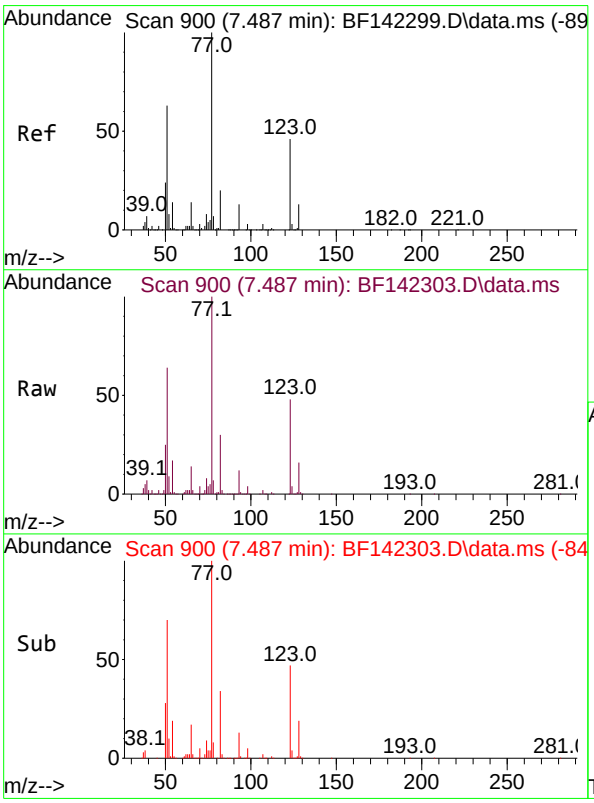
Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.0	55.6
54	60.6	48.6	73.0



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

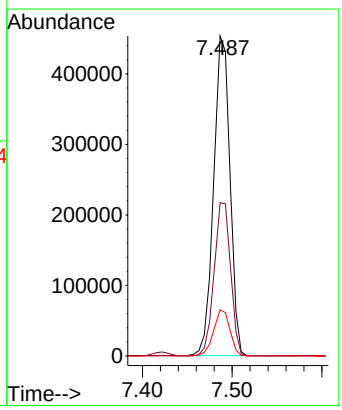
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

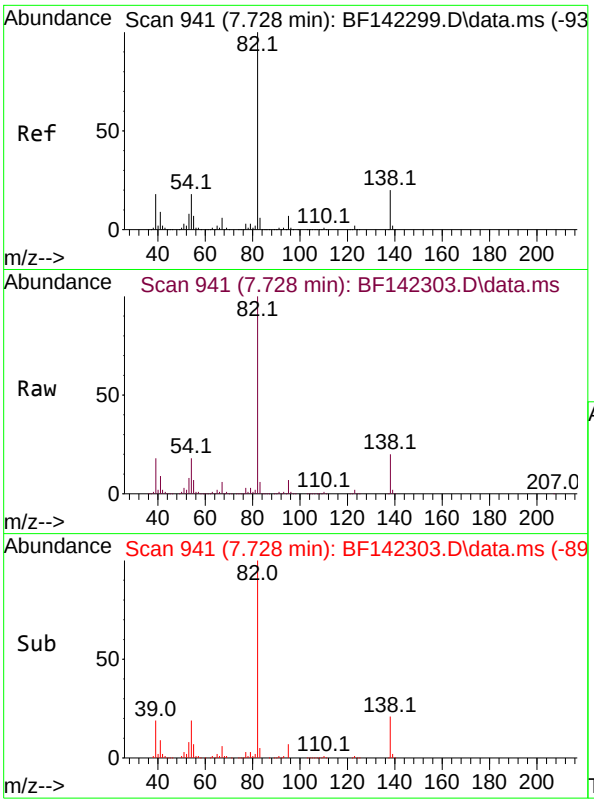


#24
Nitrobenzene
Concen: 41.431 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 77 Resp: 572370

Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.8	56.8
65	14.4	11.4	17.0





#25
Isophorone
Concen: 38.426 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

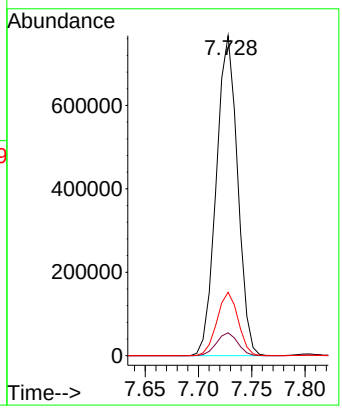
Tgt Ion: 82 Resp: 106642

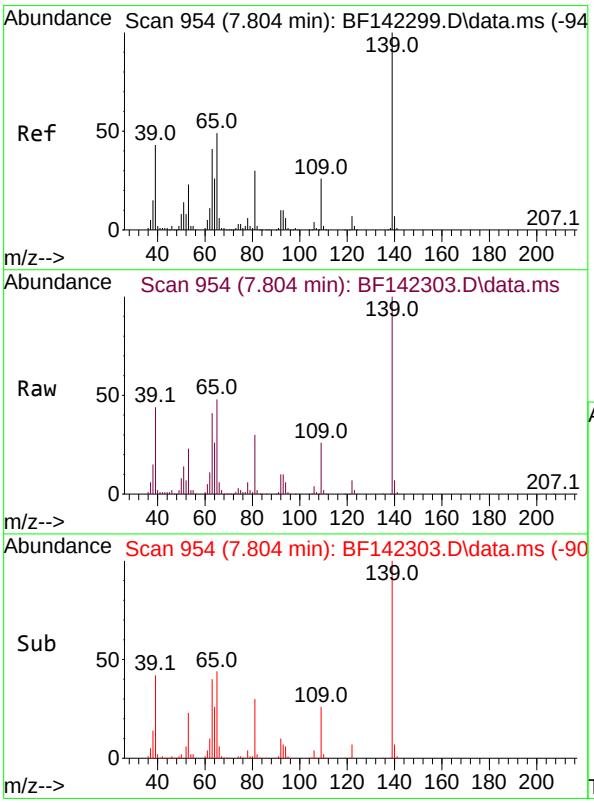
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	19.8	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

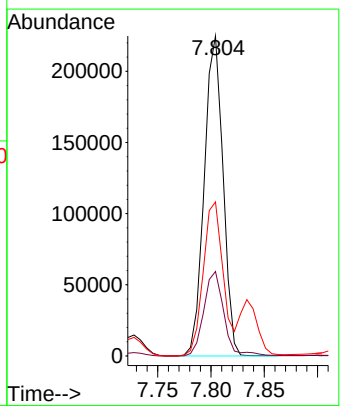


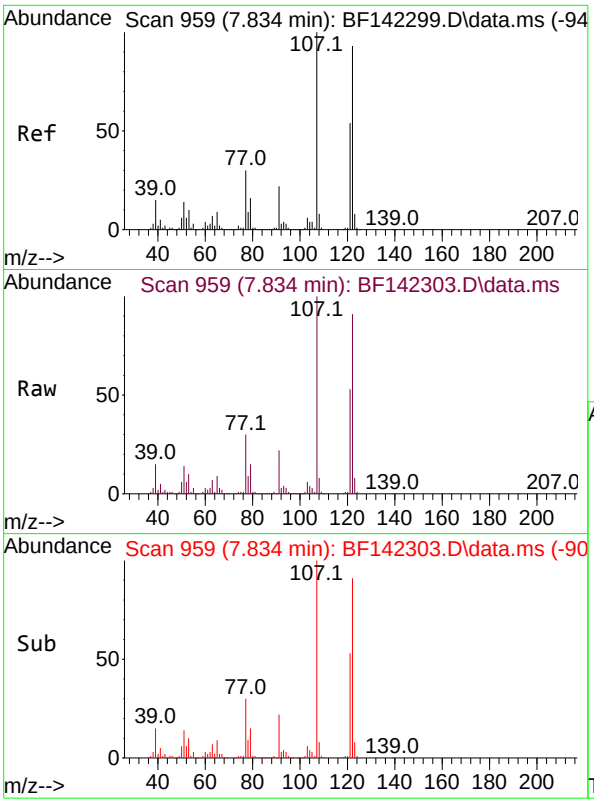


#26
2-Nitrophenol
Concen: 42.037 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:139 Resp: 276219

Ion	Ratio	Lower	Upper
139	100		
109	26.4	20.8	31.2
65	48.1	38.9	58.3

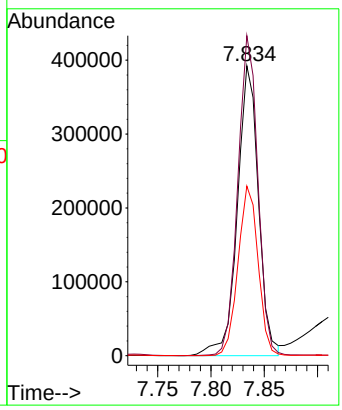




#27
2,4-Dimethylphenol
Concen: 38.903 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:122 Resp: 54281

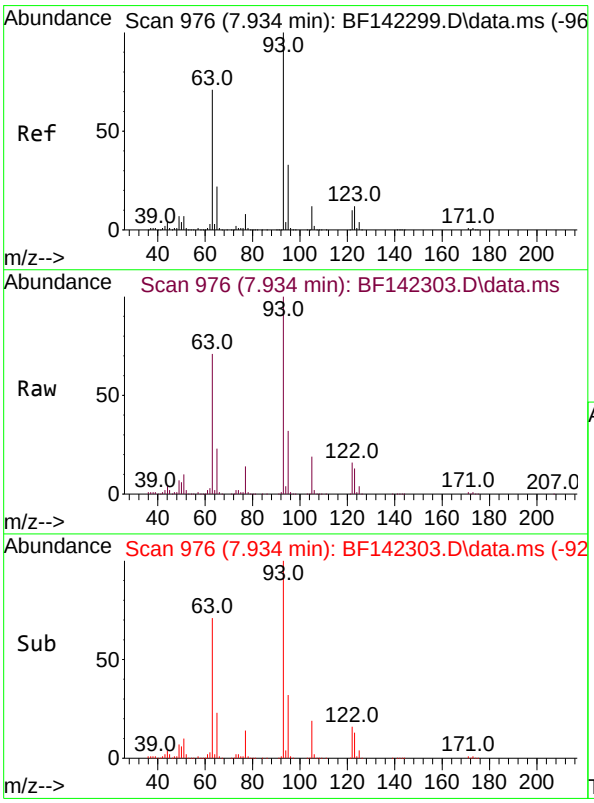
Ion	Ratio	Lower	Upper
122	100		
107	110.4	86.0	129.0
121	58.5	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

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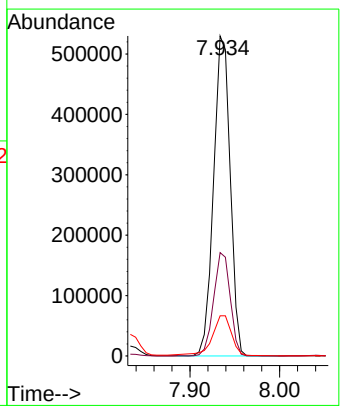
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

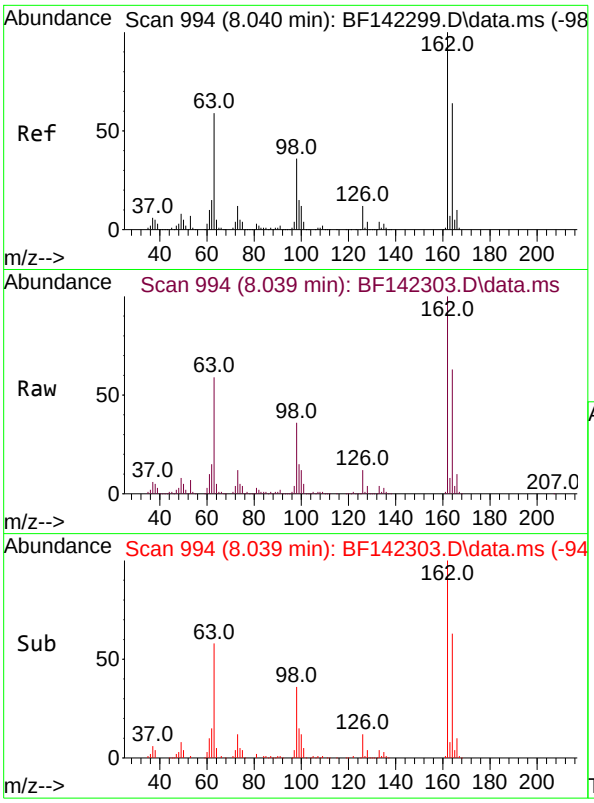


#28
bis(2-Chloroethoxy)methane
Concen: 38.186 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 93 Resp: 681438

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.1	39.1
123	12.6	10.2	15.4

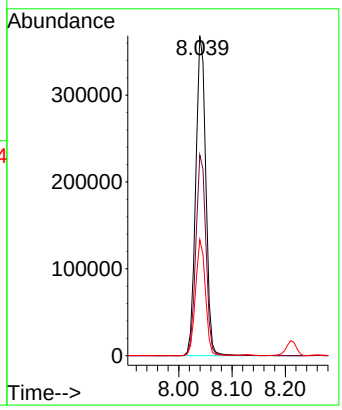




#29
2,4-Dichlorophenol
Concen: 40.715 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:162 Resp: 48299

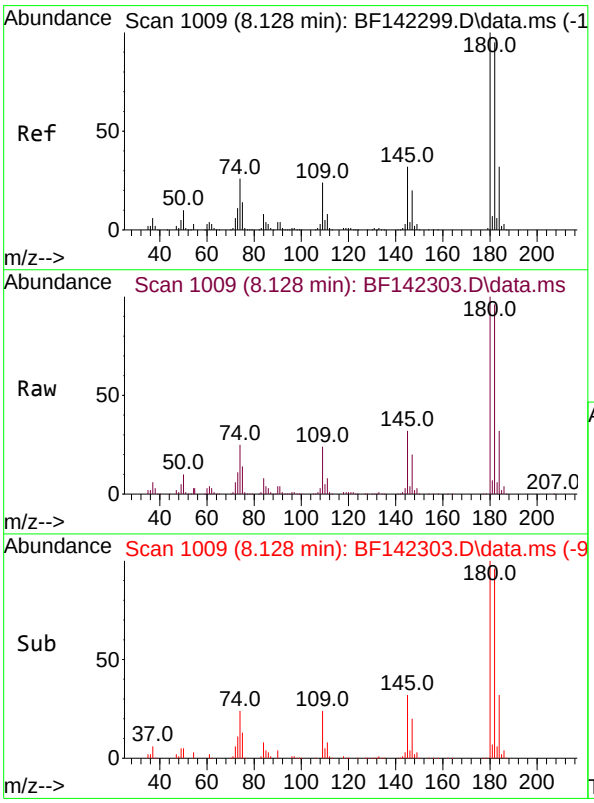
Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.6	83.6
98	36.3	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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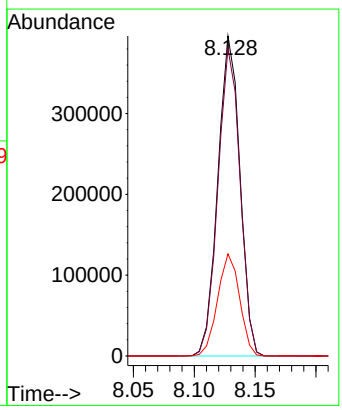
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

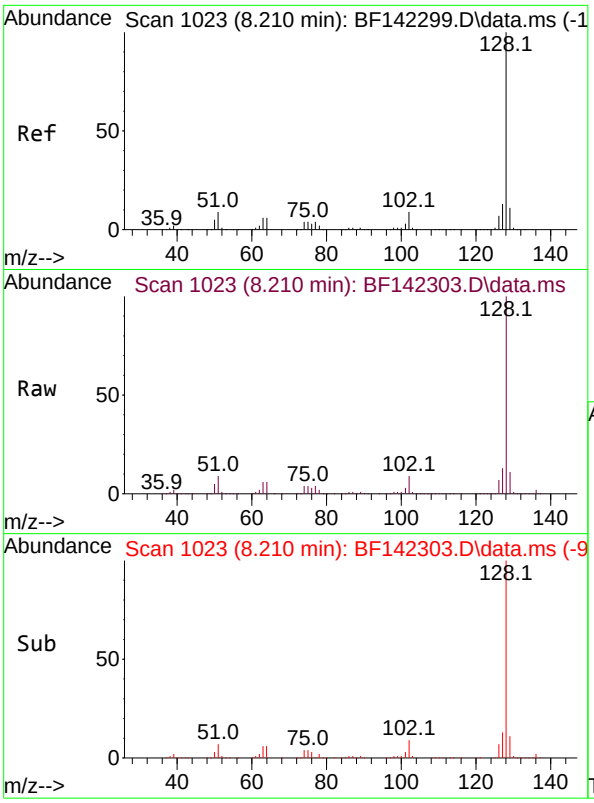


#30
1,2,4-Trichlorobenzene
Concen: 37.487 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:180 Resp: 500471

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.2	114.4
145	31.9	25.8	38.6

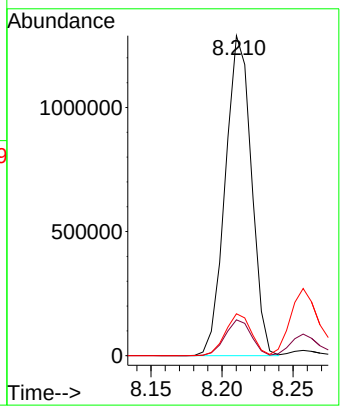




#31
Naphthalene
Concen: 37.992 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:128 Resp: 164576

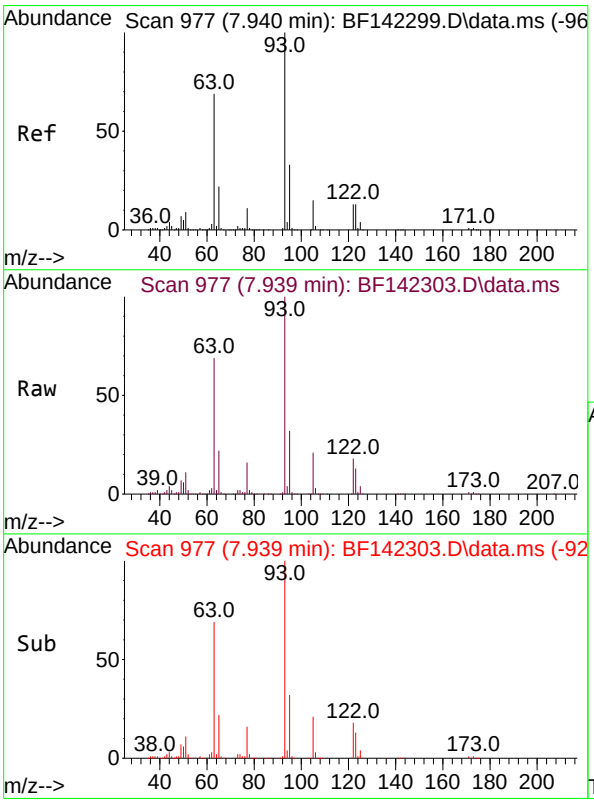
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.1	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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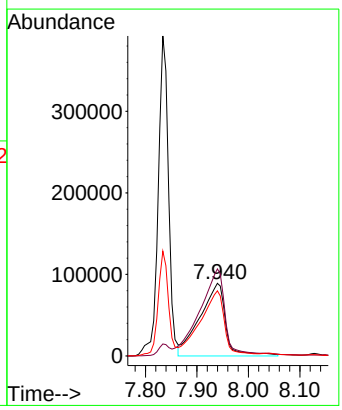
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

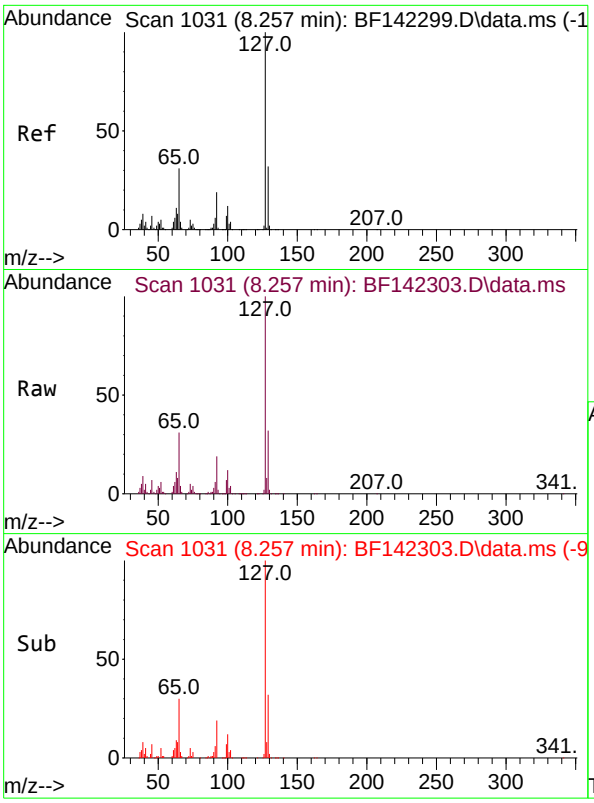


#32
Benzoic acid
Concen: 43.072 ng m
RT: 7.939 min Scan# 977
Delta R.T. -0.001 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:122 Resp: 311574

Ion	Ratio	Lower	Upper
122	100		
105	120.0	97.9	137.9
77	89.6	67.7	107.7

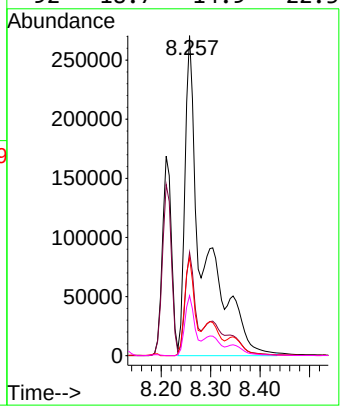




#33
4-Chloroaniline
Concen: 39.993 ng m
RT: 8.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:127 Resp: 70660

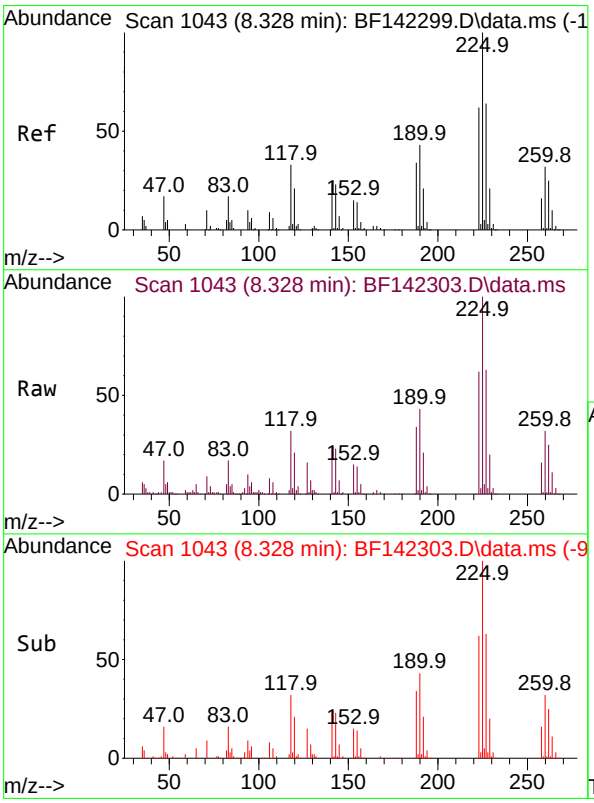
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	30.7	24.9	37.3
92	18.7	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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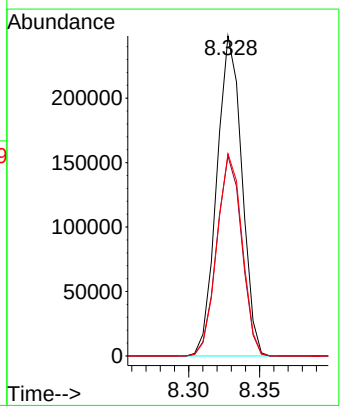
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

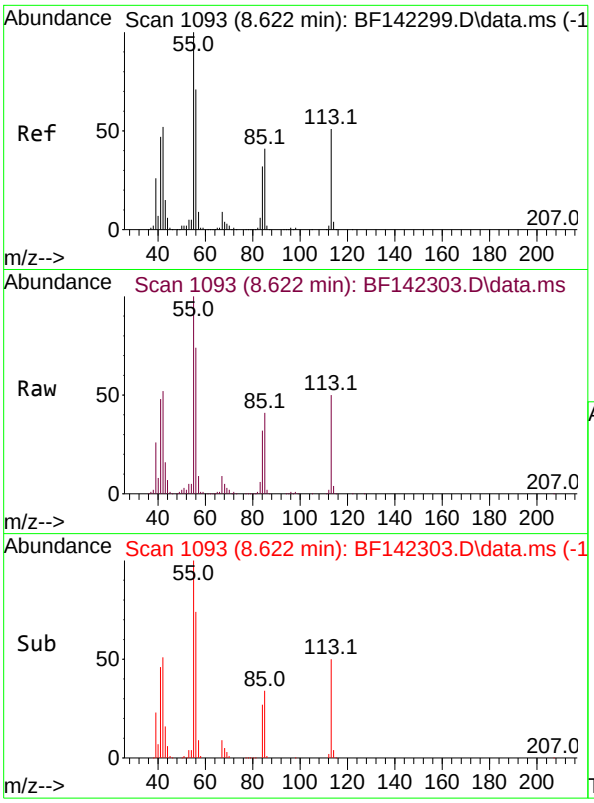


#34
Hexachlorobutadiene
Concen: 38.512 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:225 Resp: 304456

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.8	74.6
227	63.2	50.9	76.3





#35
Caprolactam
Concen: 41.494 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

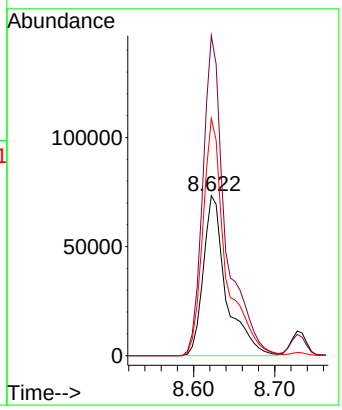
Tgt Ion:113 Resp: 14345

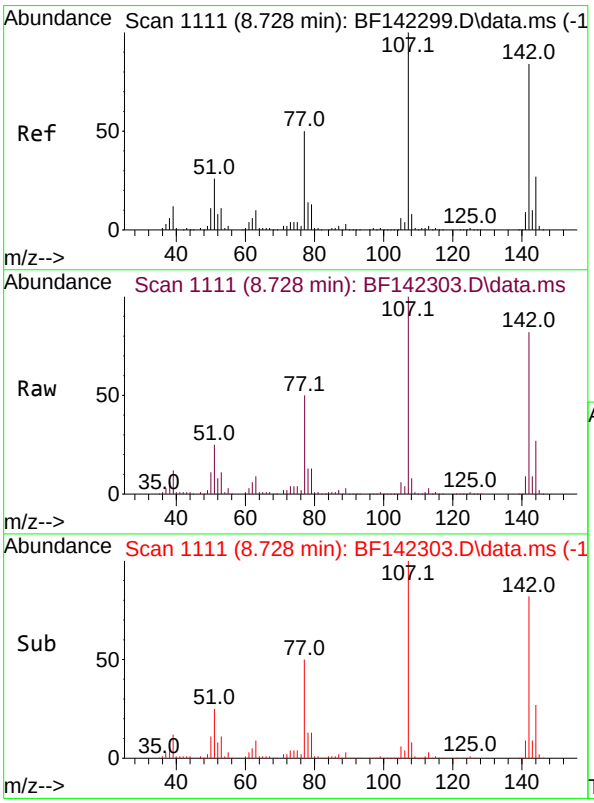
Ion	Ratio	Lower	Upper
113	100		
55	199.9	176.4	216.4
56	148.0	120.3	160.3

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

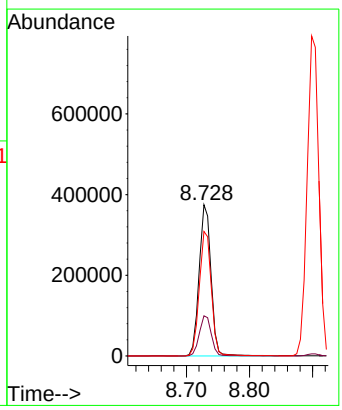


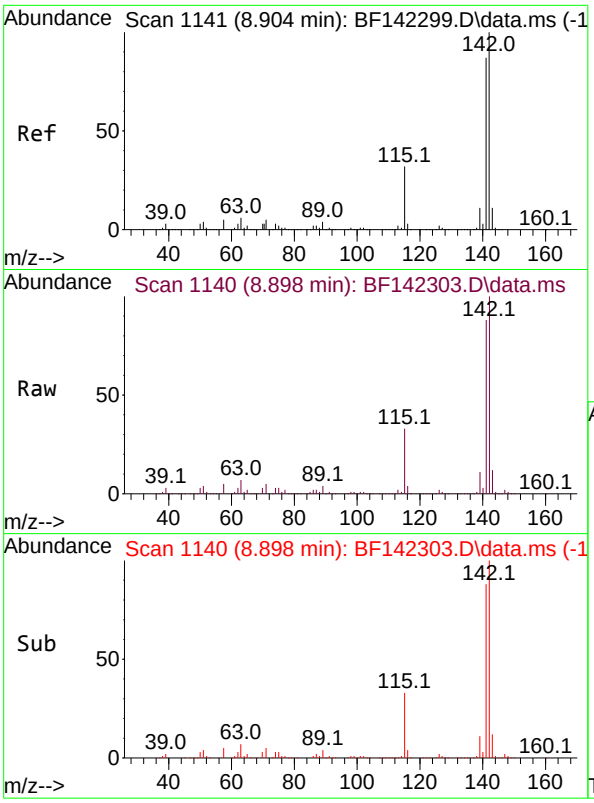


#36
4-Chloro-3-methylphenol
Concen: 39.715 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:107 Resp: 489740

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.3	31.9
142	82.4	66.9	100.3





#37
2-Methylnaphthalene
Concen: 37.643 ng
RT: 8.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

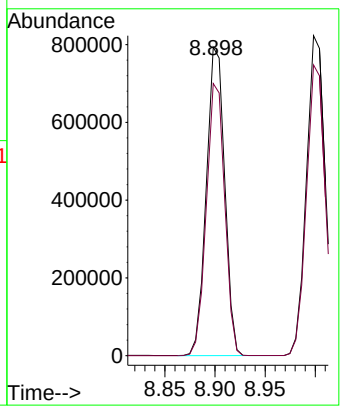
Tgt Ion:142 Resp: 101324

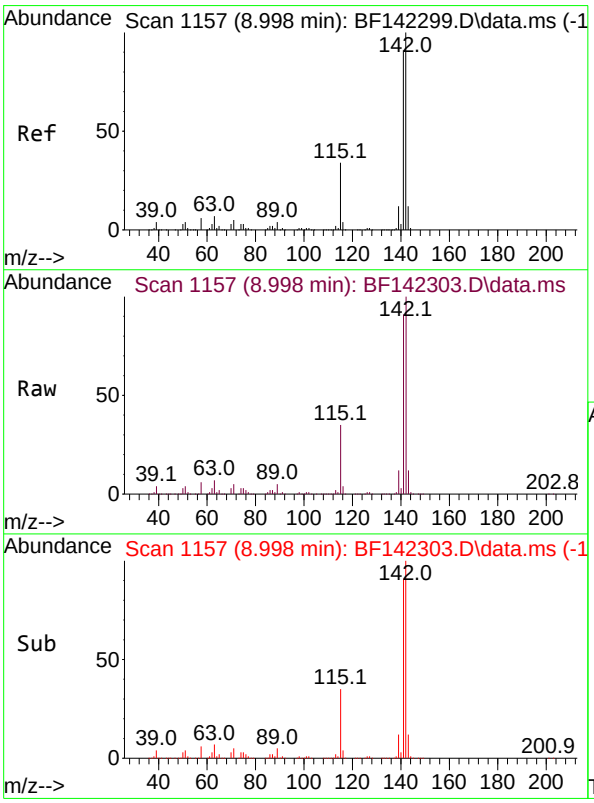
Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.4	104.2

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

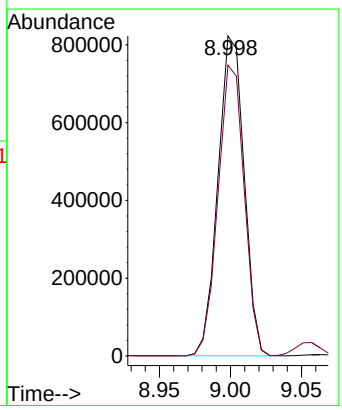


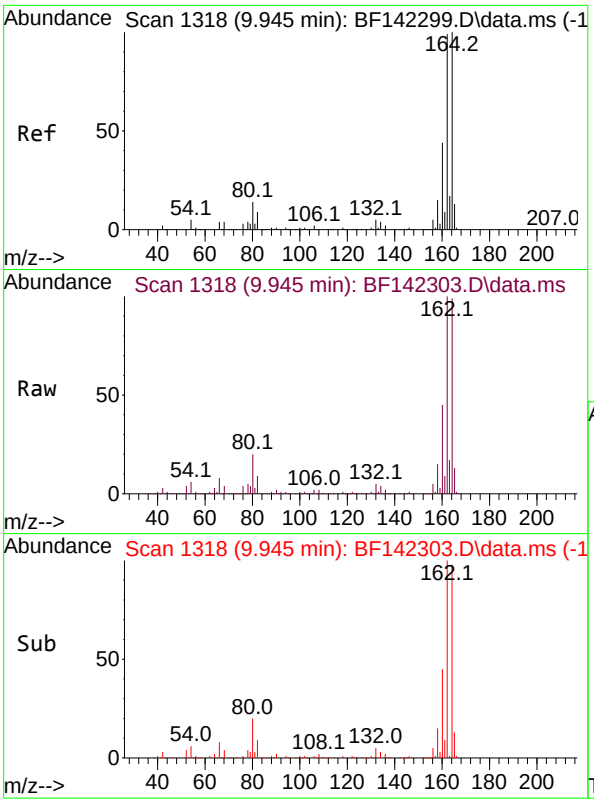


#38
1-Methylnaphthalene
Concen: 37.522 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:142 Resp: 1052686

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.5	108.7

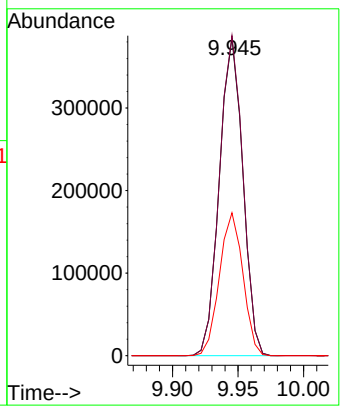




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:164 Resp: 47887

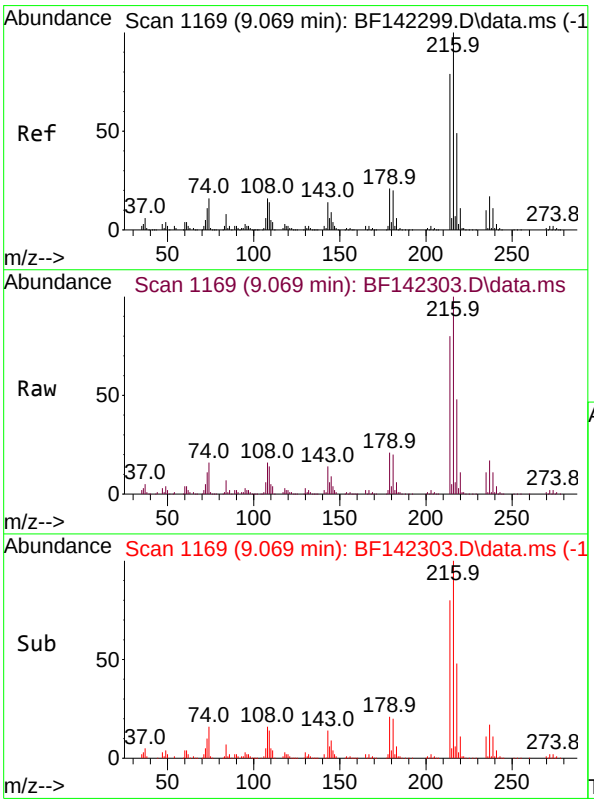
Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.2	118.8
160	45.0	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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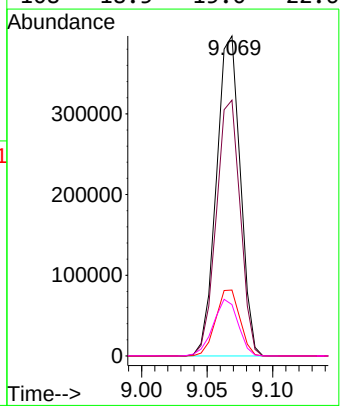
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

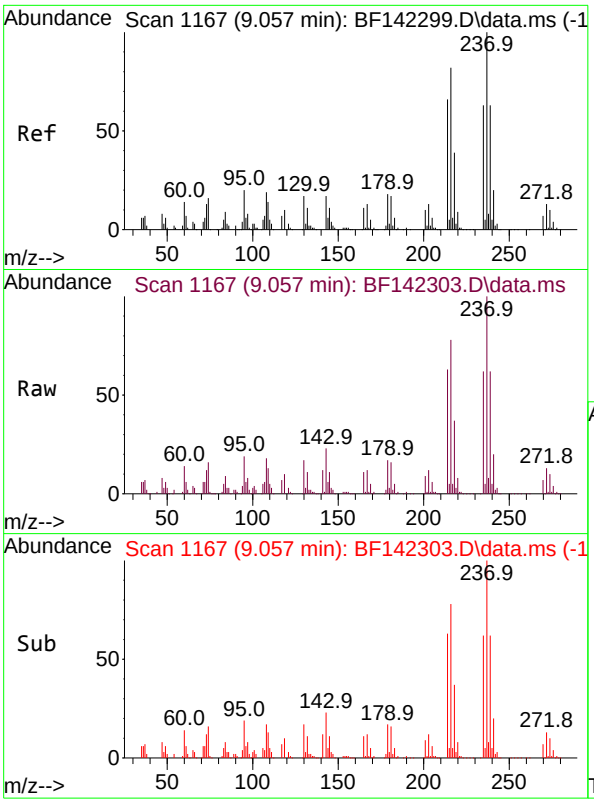


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.555 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:216 Resp: 502278

Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.6
179	20.8	17.0	25.6
108	18.5	15.0	22.6





#41
Hexachlorocyclopentadiene
Concen: 42.020 ng
RT: 9.057 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

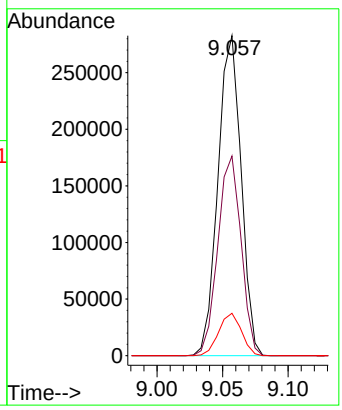
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

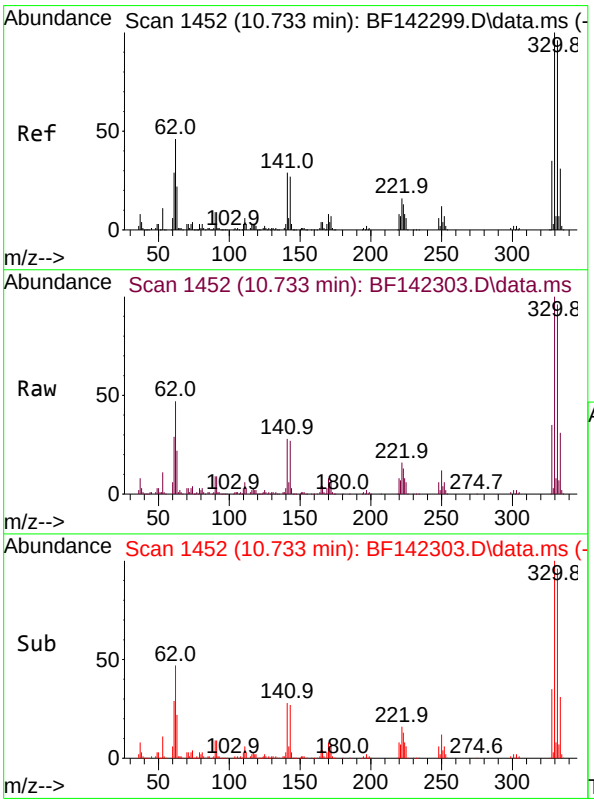
Tgt Ion:237 Resp: 34732

Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.8	82.8
272	13.3	0.0	33.0

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

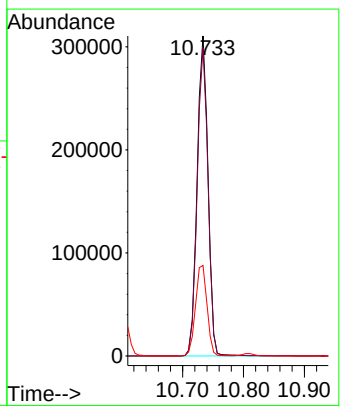


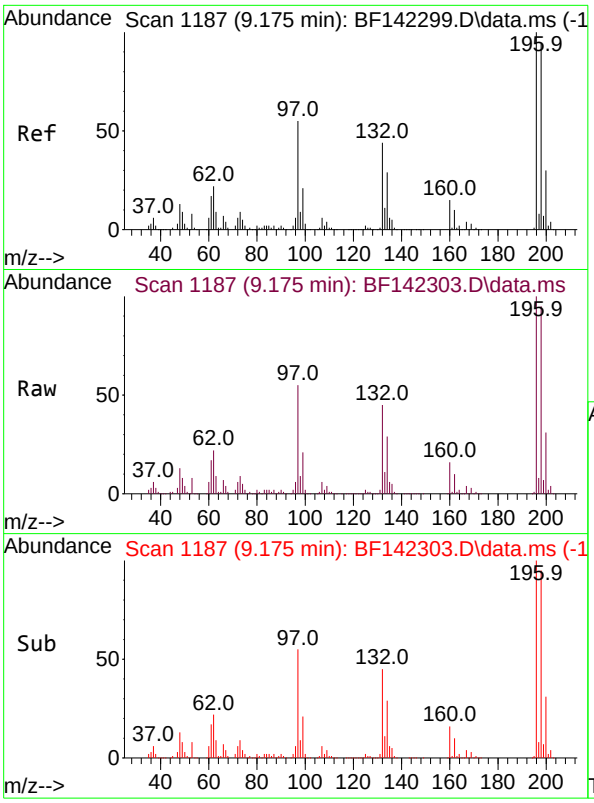


#42
2,4,6-Tribromophenol
Concen: 83.209 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:330 Resp: 384712

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	30.1	24.9	37.3

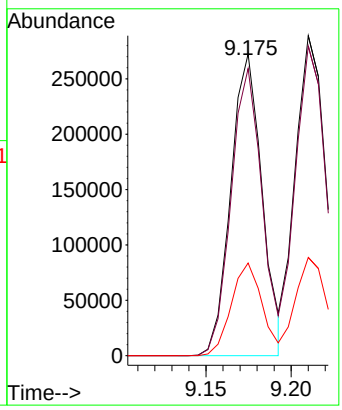




#43
2,4,6-Trichlorophenol
Concen: 41.212 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:196 Resp: 34767

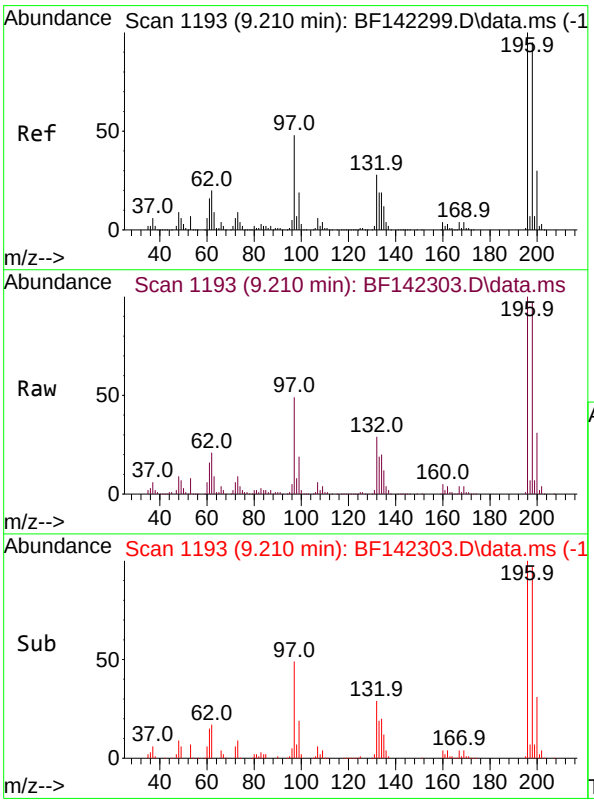
Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.4	113.0
200	30.7	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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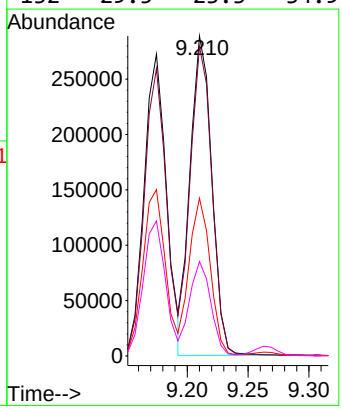
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

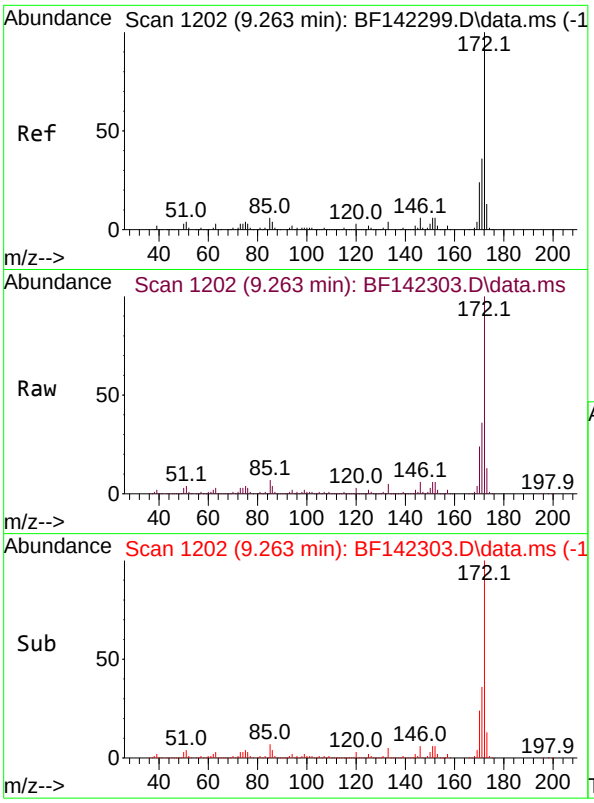


#44
2,4,5-Trichlorophenol
Concen: 39.886 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:196 Resp: 358022

Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.1	114.1
97	49.3	39.0	58.4
132	29.5	23.3	34.9

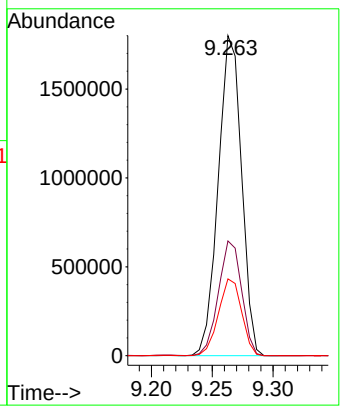




#45
2-Fluorobiphenyl
Concen: 71.371 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:172 Resp: 239696

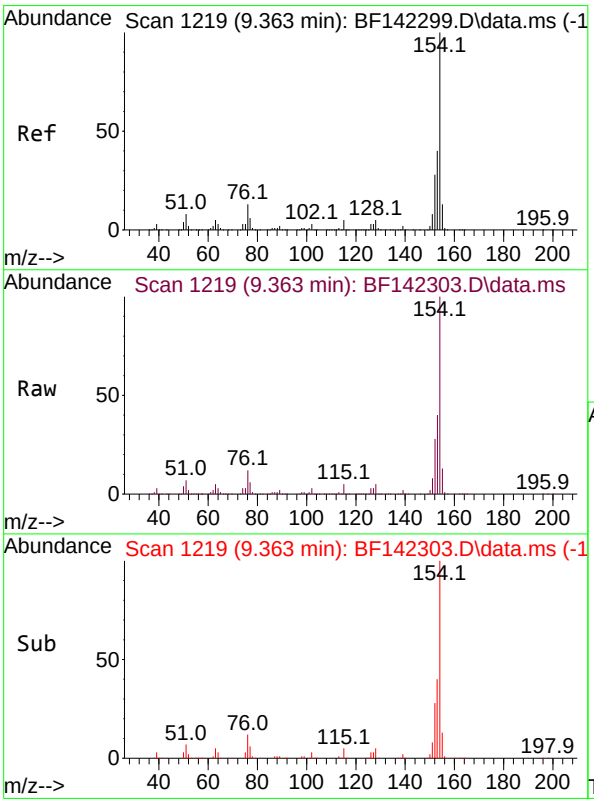
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	24.0	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

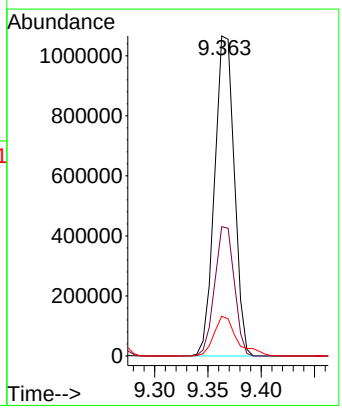
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

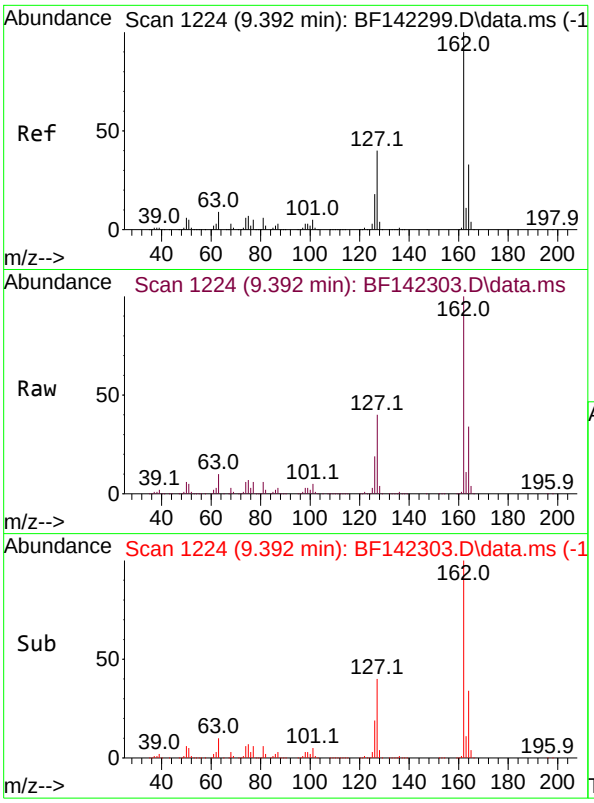


#46
1,1'-Biphenyl
Concen: 37.283 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:154 Resp: 1368945

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	12.4	0.0	32.8

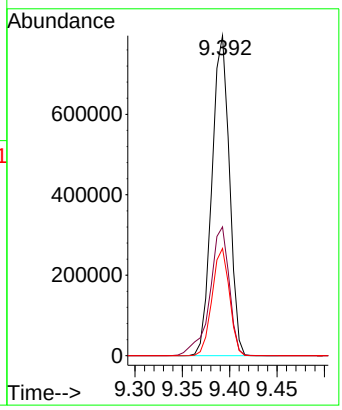




#47
2-Chloronaphthalene
Concen: 37.323 ng
RT: 9.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:162 Resp: 101913

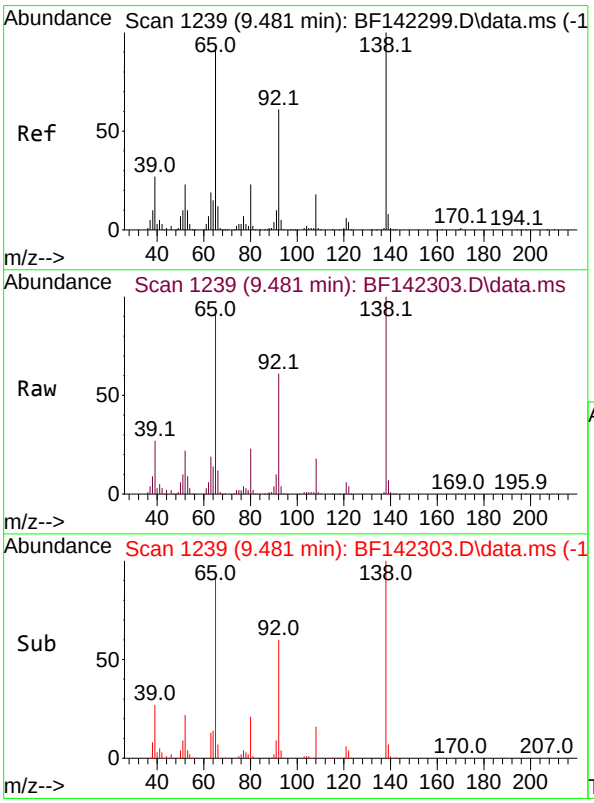
Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.3	48.5
164	33.5	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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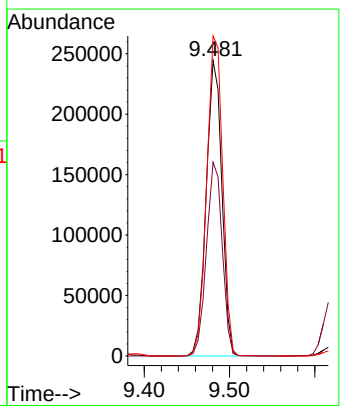
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

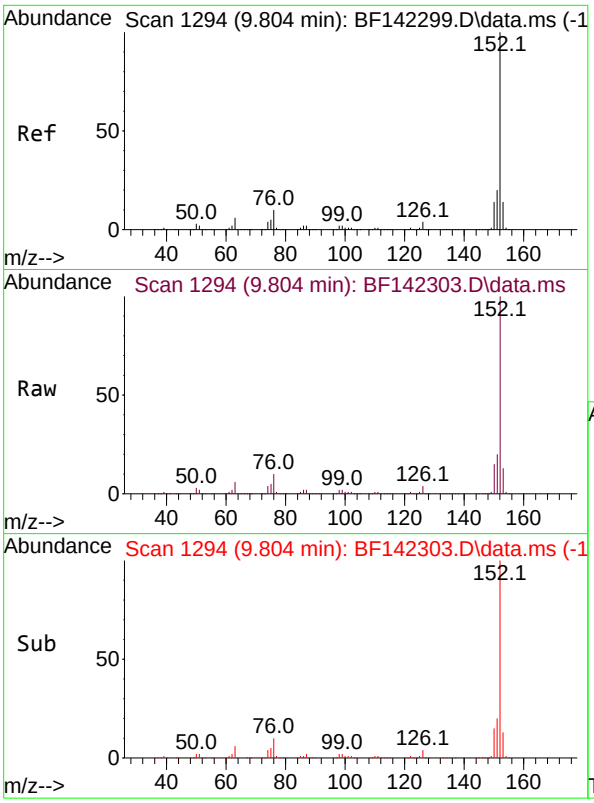


#48
2-Nitroaniline
Concen: 44.681 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 65 Resp: 312727

Ion	Ratio	Lower	Upper
65	100		
92	65.6	52.3	78.5
138	108.3	85.6	128.4

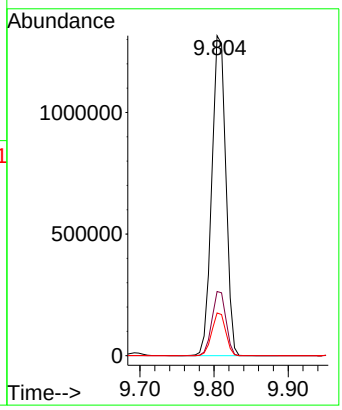




#49
Acenaphthylene
Concen: 37.833 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:152 Resp: 172816

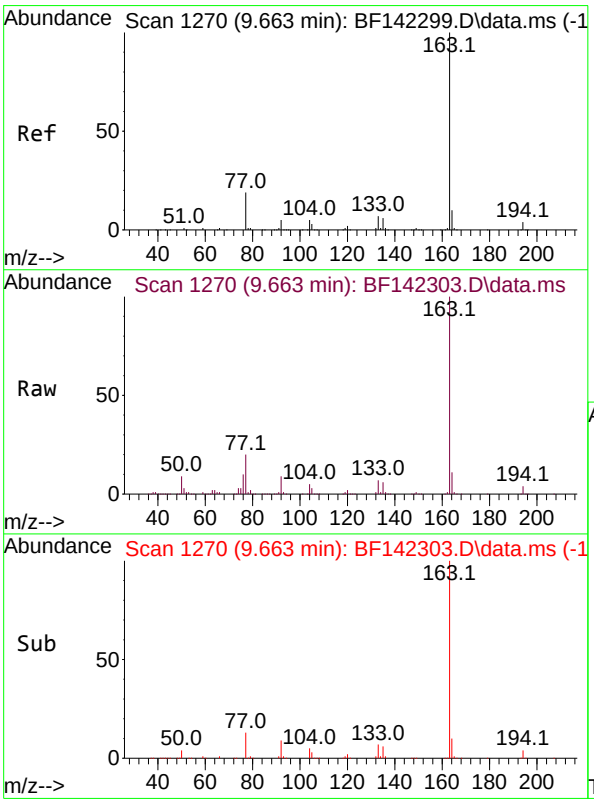
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.4	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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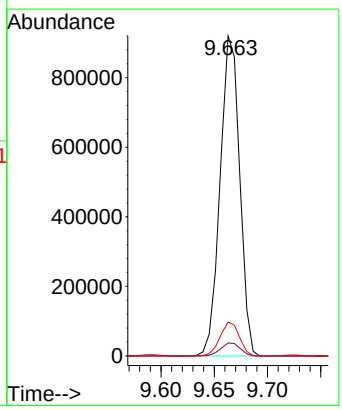
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

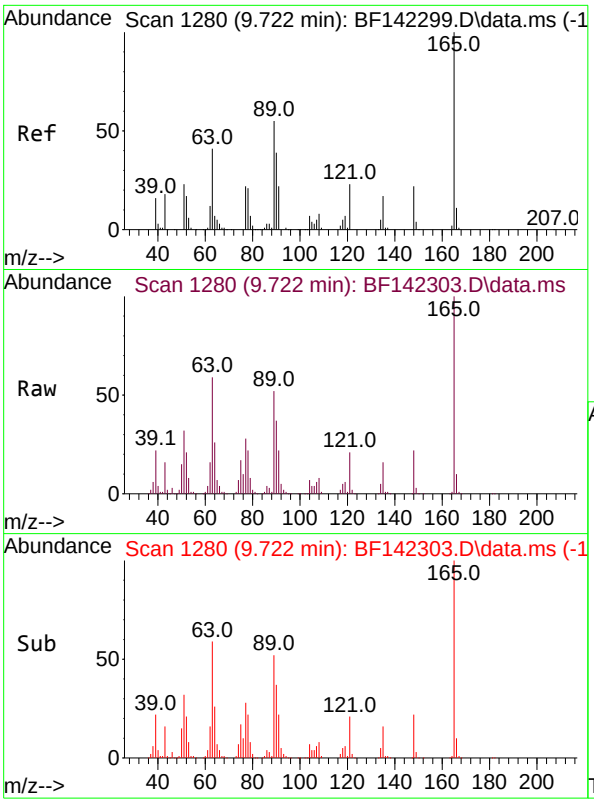


#50
Dimethylphthalate
Concen: 38.154 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:163 Resp: 1173252

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.6	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 44.788 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

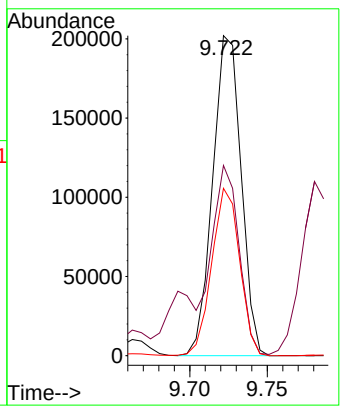
Tgt Ion:165 Resp: 25779

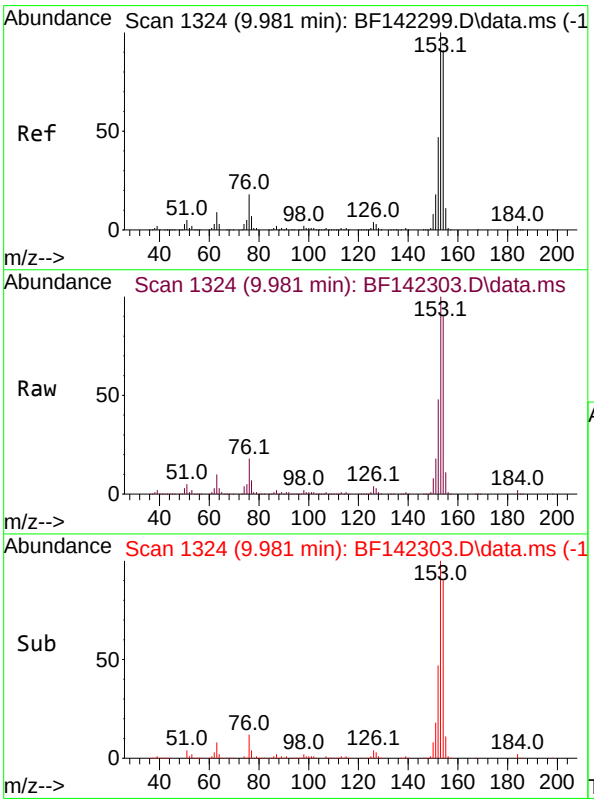
Ion	Ratio	Lower	Upper
165	100		
63	59.5	49.5	74.3
89	52.3	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

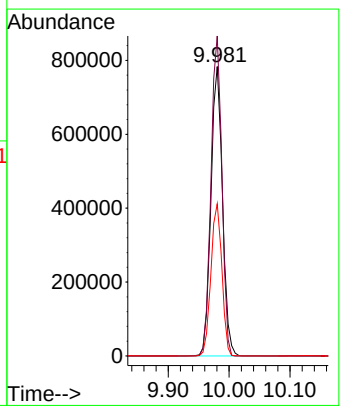


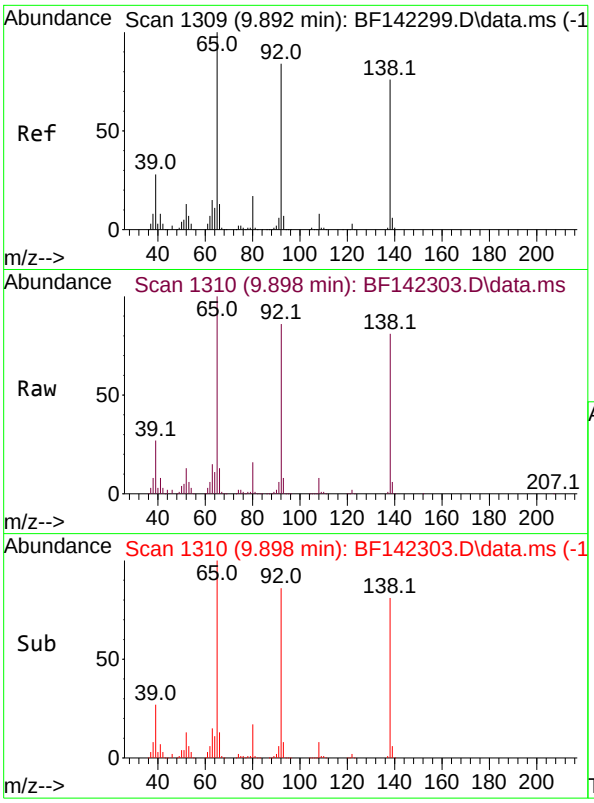


#52
Acenaphthene
Concen: 37.495 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:154 Resp: 1029833

Ion	Ratio	Lower	Upper
154	100		
153	110.6	88.0	132.0
152	52.6	41.6	62.4

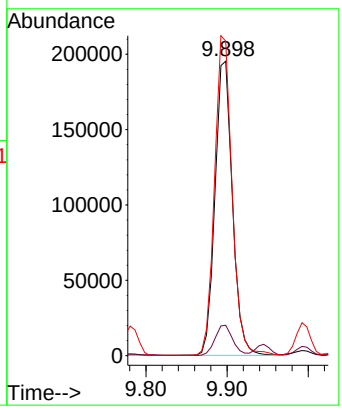




#53
3-Nitroaniline
Concen: 43.190 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:138 Resp: 29155

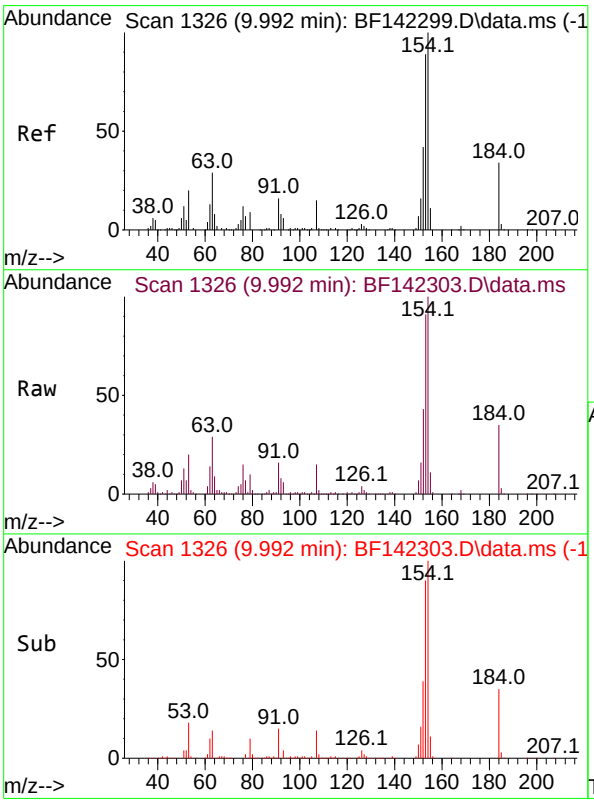
Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.7	13.1
92	106.7	89.5	134.3



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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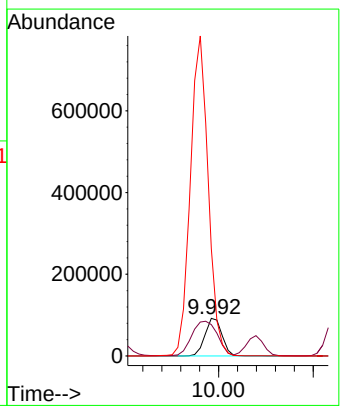
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

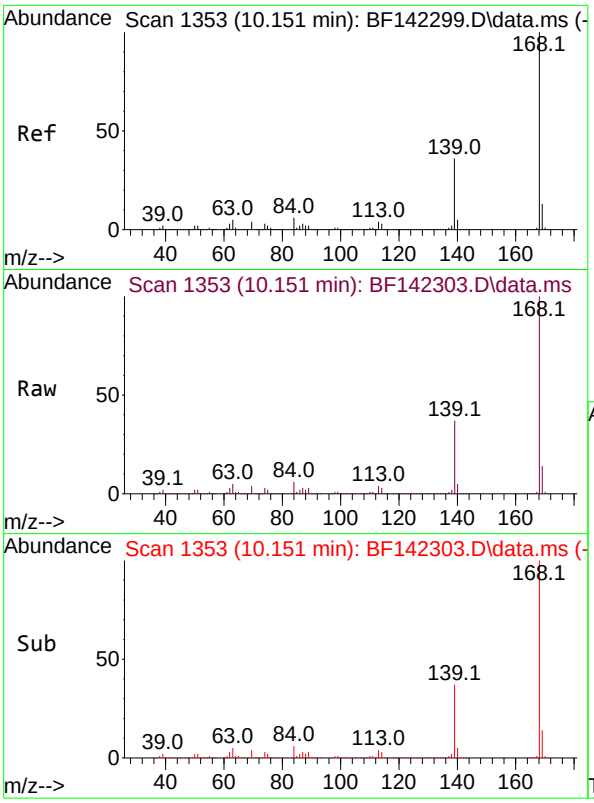


#54
2,4-Dinitrophenol
Concen: 42.149 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:184 Resp: 114850

Ion	Ratio	Lower	Upper
184	100		
63	83.6	70.6	105.8
154	285.8	257.2	385.8

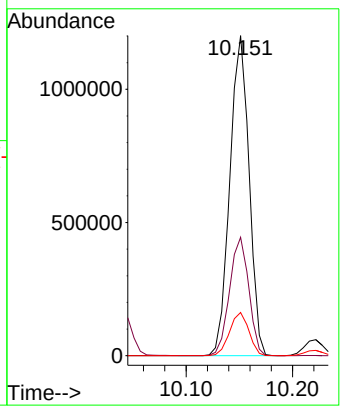




#55
Dibenzofuran
Concen: 37.158 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:168 Resp: 150618

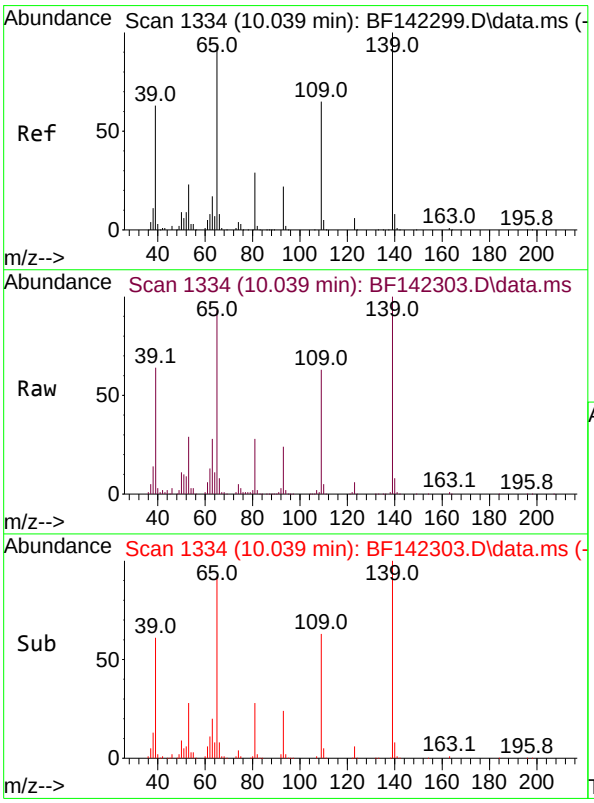
Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.0	43.4
169	13.5	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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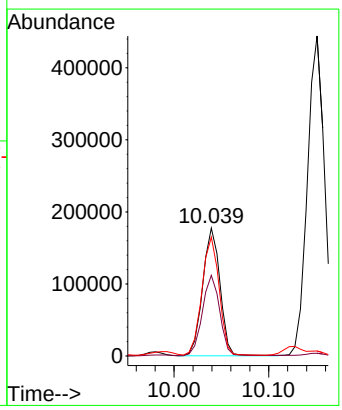
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

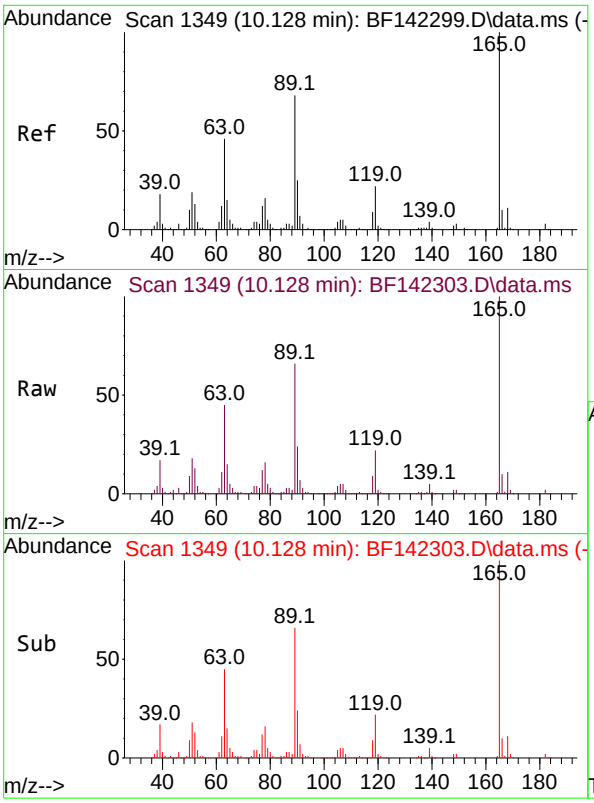


#56
4-Nitrophenol
Concen: 44.381 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:139 Resp: 225481

Ion	Ratio	Lower	Upper
139	100		
109	63.1	45.3	85.3
65	93.0	73.9	113.9

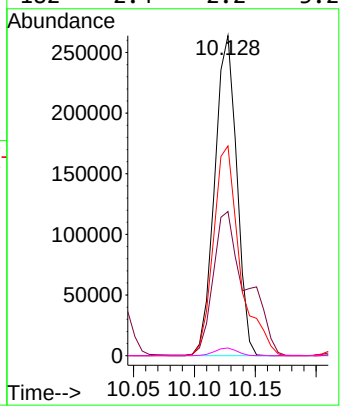




#57
2,4-Dinitrotoluene
Concen: 45.248 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:165 Resp: 33407

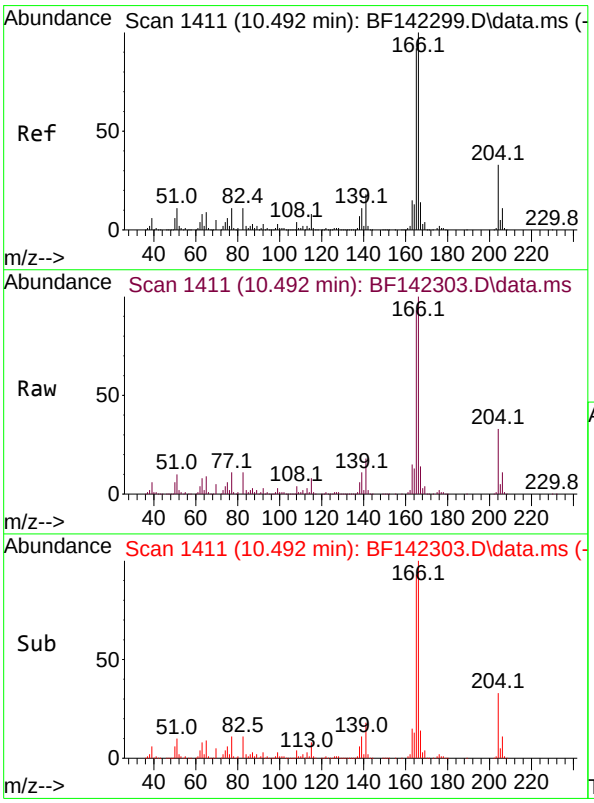
Ion	Ratio	Lower	Upper
165	100		
63	45.0	37.1	55.7
89	65.5	54.4	81.6
182	2.4	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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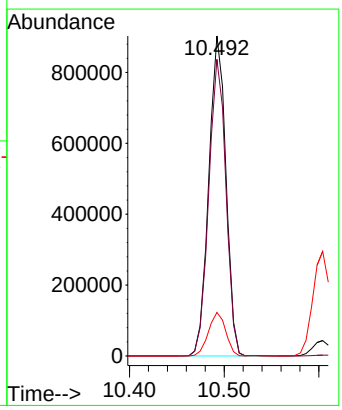
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

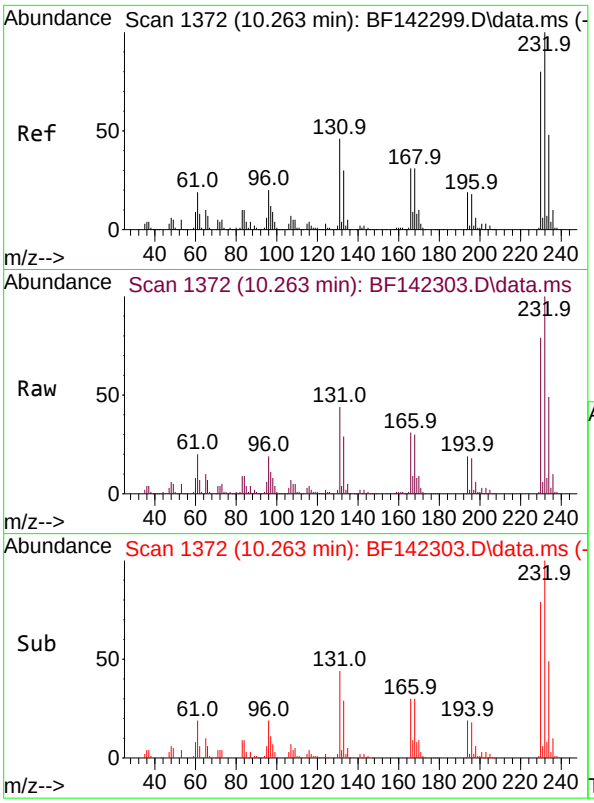


#58
Fluorene
Concen: 36.712 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:166 Resp: 1135685

Ion	Ratio	Lower	Upper
166	100		
165	92.7	74.0	111.0
167	13.6	10.9	16.3

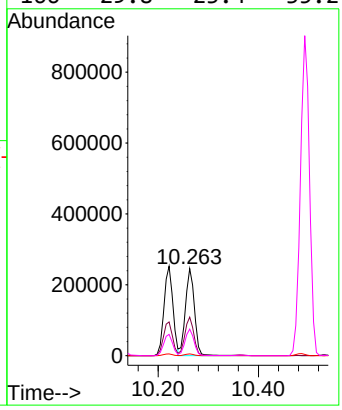




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.630 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:232 Resp: 30847

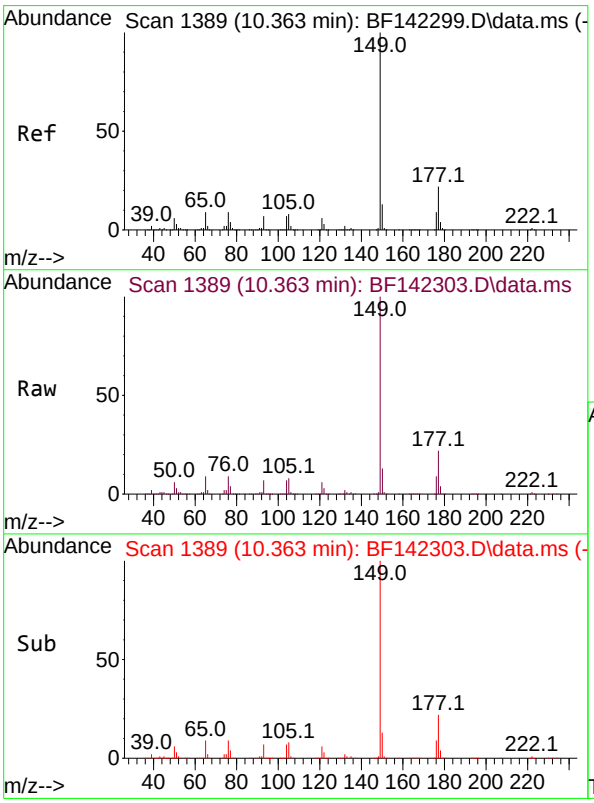
Ion	Ratio	Lower	Upper
232	100		
131	44.2	36.0	54.0
130	2.0	1.8	2.6
166	29.8	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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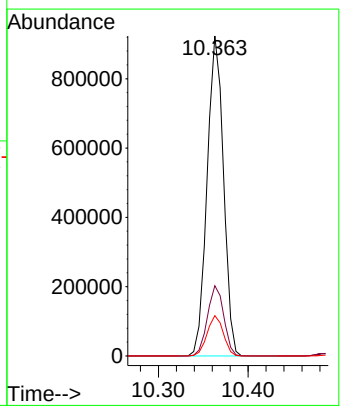
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

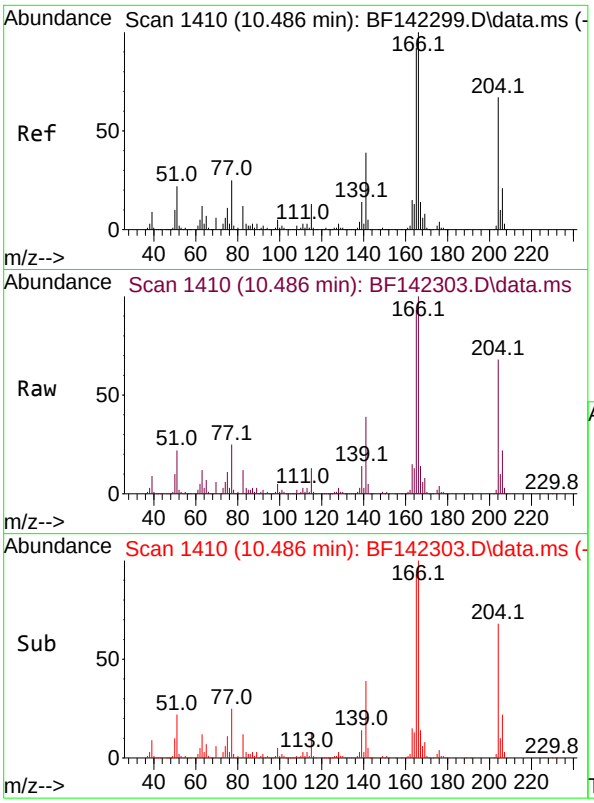


#60
Diethylphthalate
Concen: 38.064 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:149 Resp: 1168902

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.6	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 36.826 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

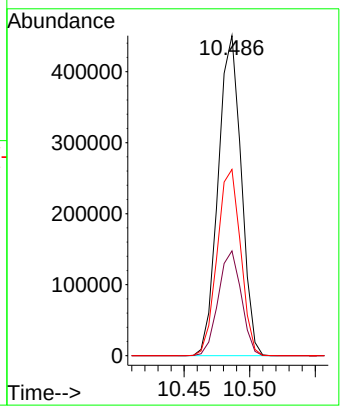
Tgt Ion:204 Resp: 54961(

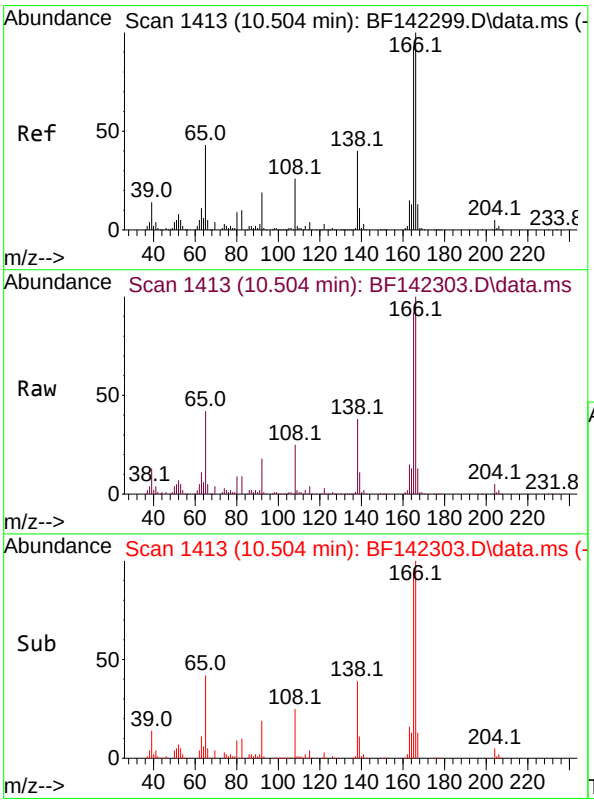
Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.5	38.3
141	58.2	46.4	69.6

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

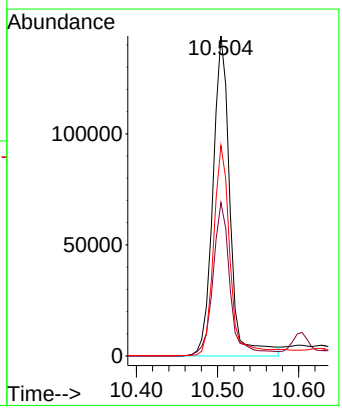


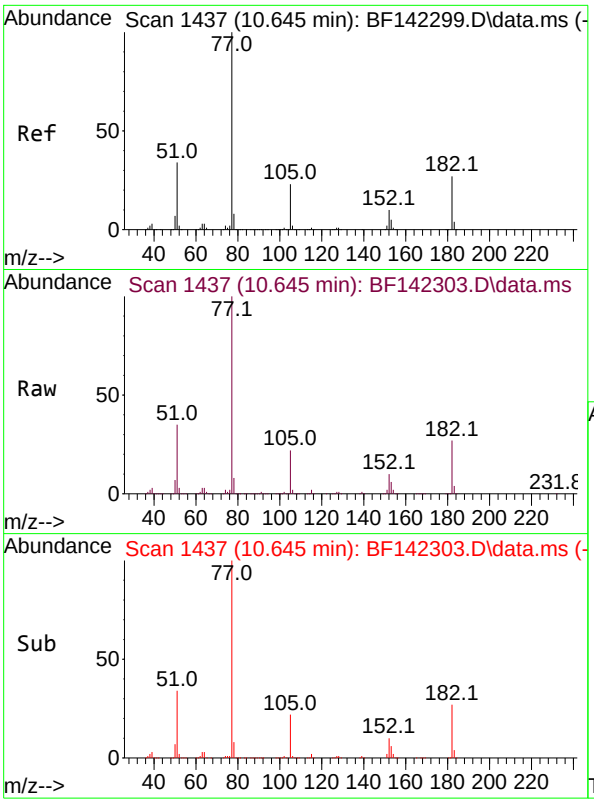


#62
4-Nitroaniline
Concen: 39.327 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:138 Resp: 210408

Ion	Ratio	Lower	Upper
138	100		
92	47.9	27.3	67.3
108	65.8	45.1	85.1

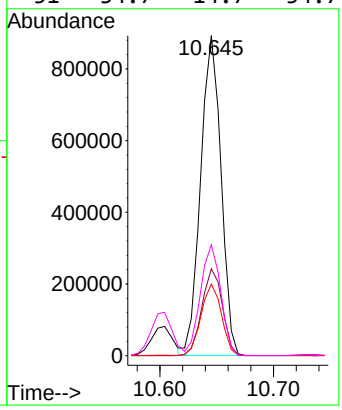




#63
Azobenzene
Concen: 37.908 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 77 Resp: 111239

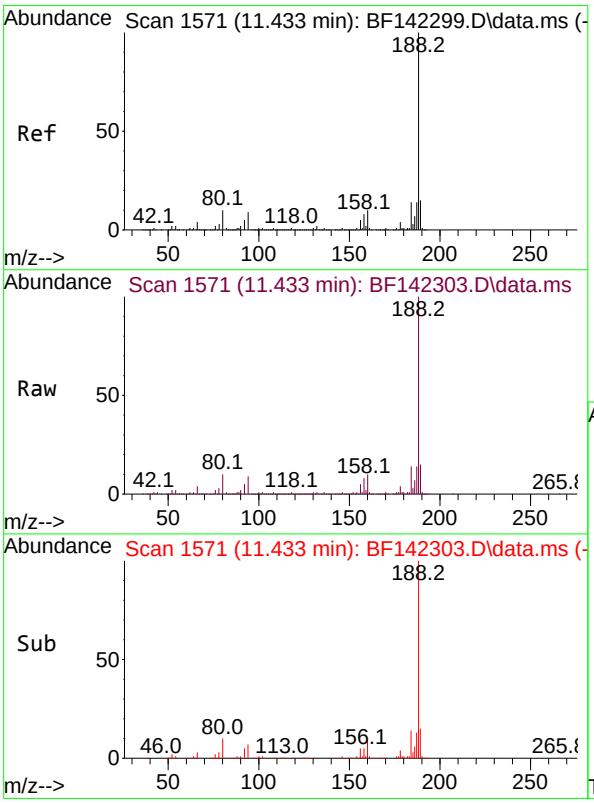
Ion	Ratio	Lower	Upper
77	100		
182	27.2	6.9	46.9
105	22.4	2.7	42.7
51	34.7	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

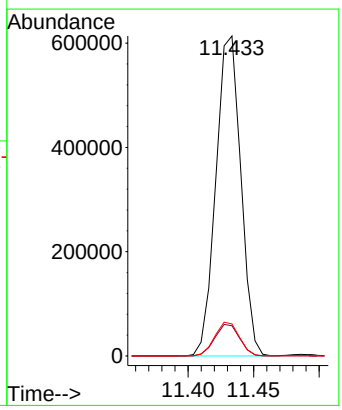
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

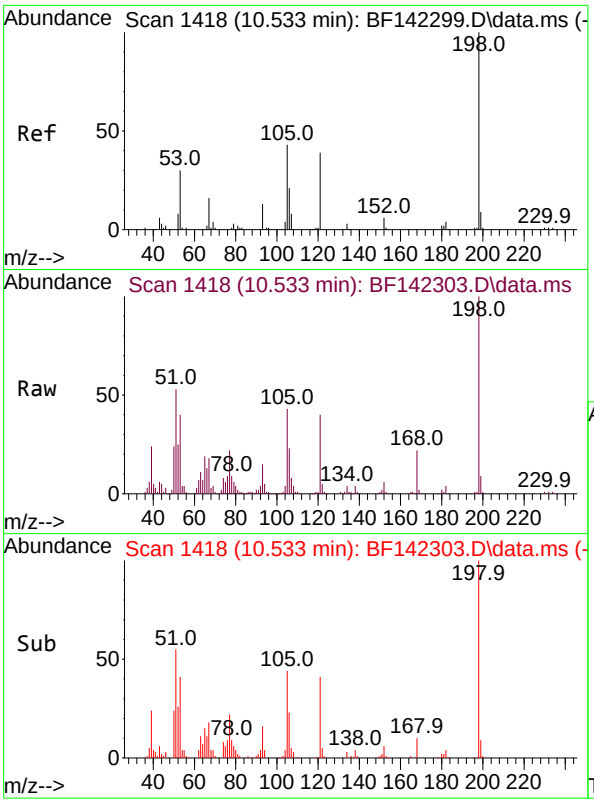


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:188 Resp: 810843

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.0	7.9	11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 41.574 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

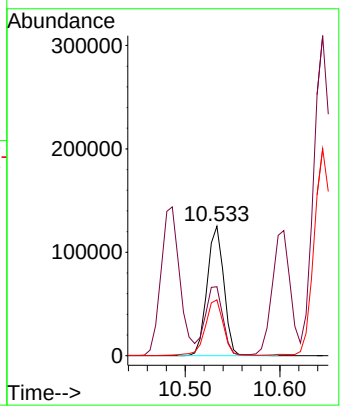
Tgt Ion:198 Resp: 15286

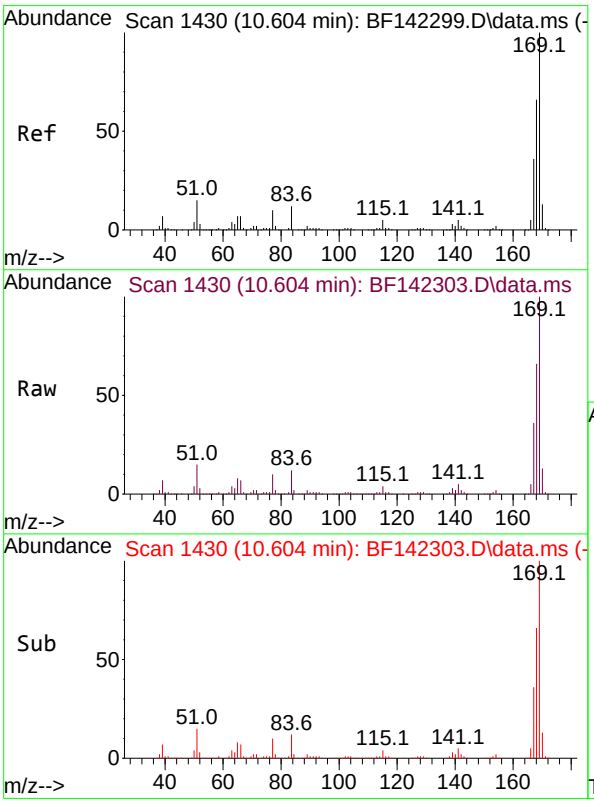
Ion	Ratio	Lower	Upper
198	100		
51	53.3	32.9	72.9
105	43.1	23.7	63.7

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

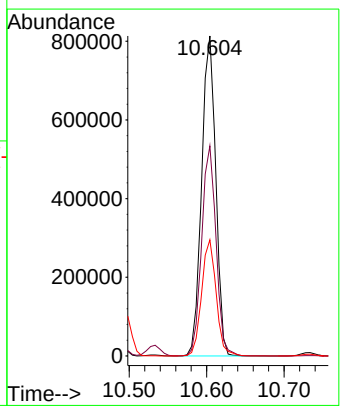


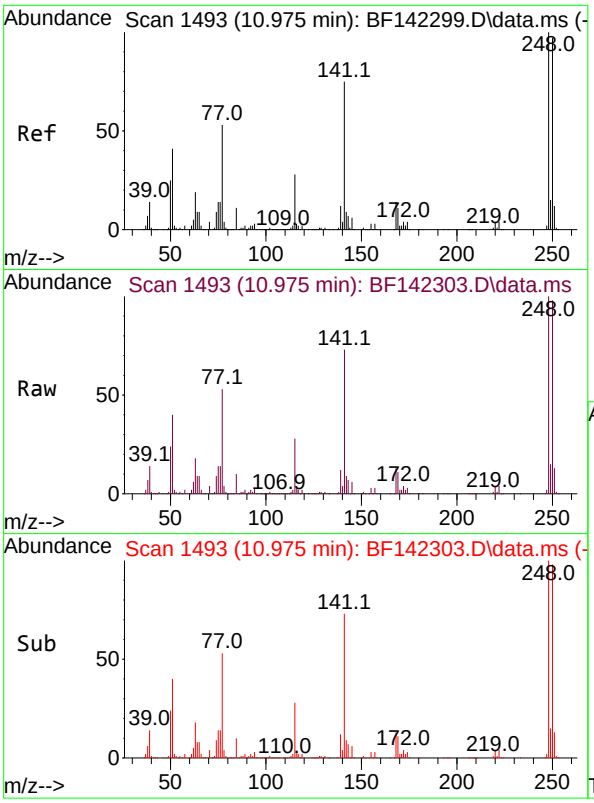


#66
n-Nitrosodiphenylamine
Concen: 38.096 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:169 Resp: 1027891

Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.2	79.8
167	36.3	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 38.308 ng
RT: 10.975 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

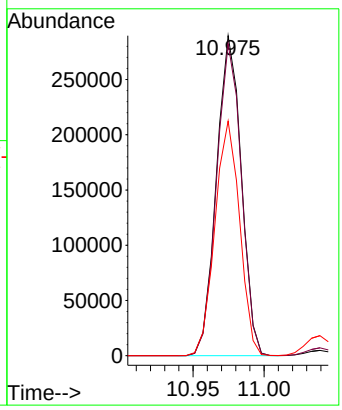
Tgt Ion:248 Resp: 35203

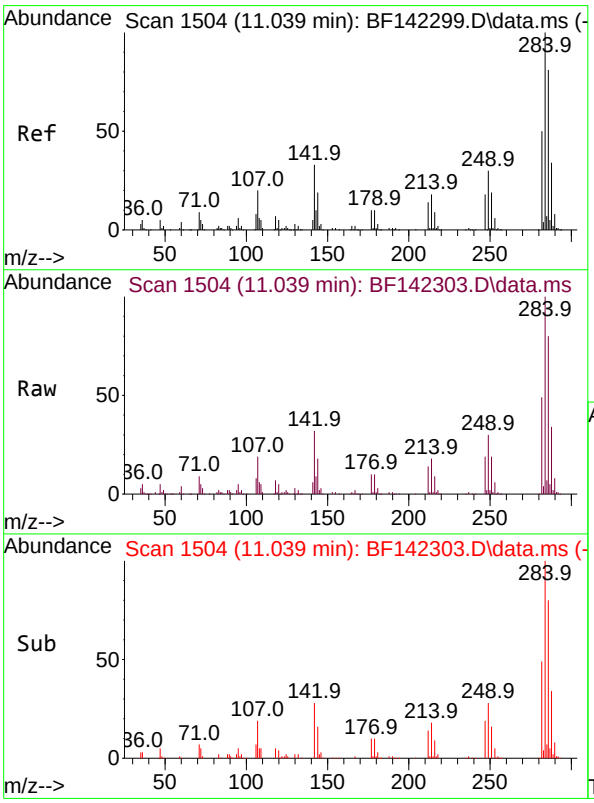
Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.9	116.9
141	73.3	59.8	89.8

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

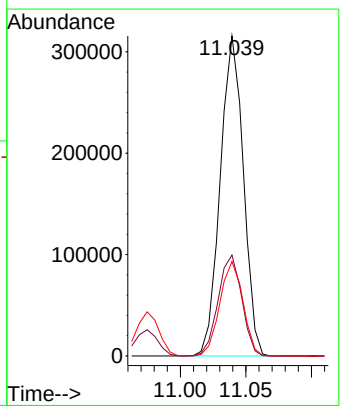


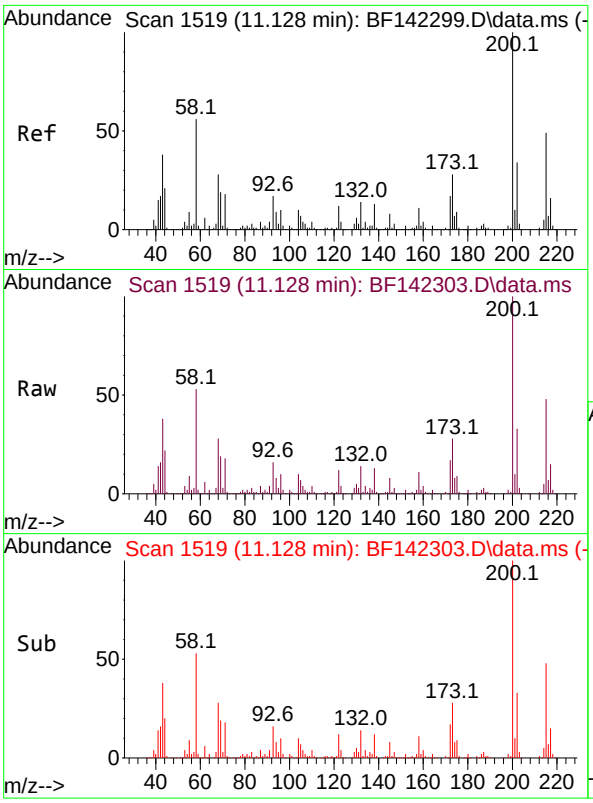


#68
Hexachlorobenzene
Concen: 38.273 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:284 Resp: 386876

Ion	Ratio	Lower	Upper
284	100		
142	31.5	26.6	39.8
249	29.5	24.1	36.1

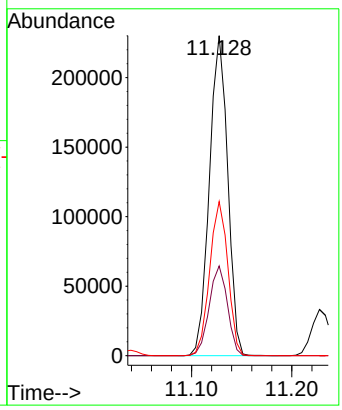




#69
Atrazine
Concen: 41.032 ng
RT: 11.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:200 Resp: 29183

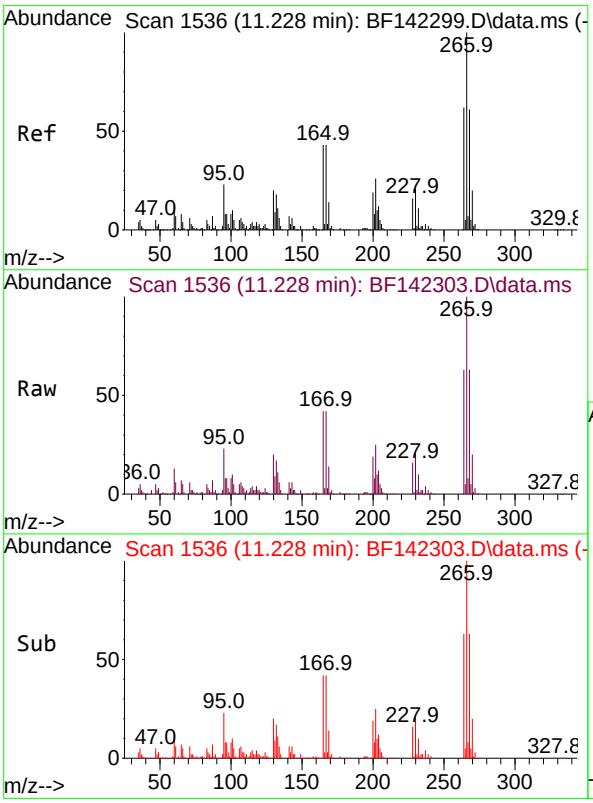
Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.1	48.1
215	48.2	28.8	68.8



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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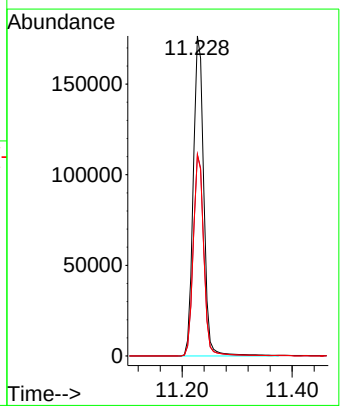
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

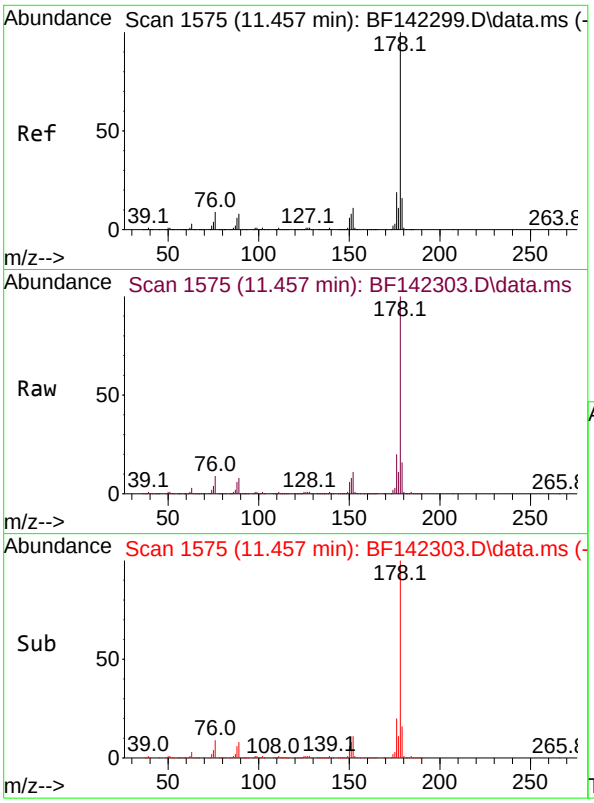


#70
Pentachlorophenol
Concen: 43.855 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:266 Resp: 233208

Ion	Ratio	Lower	Upper
266	100		
268	62.9	48.7	73.1
264	62.9	49.8	74.6

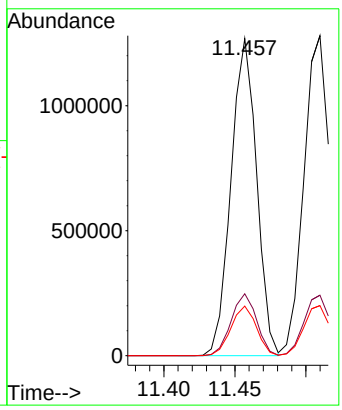




#71
Phenanthrene
Concen: 37.441 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:178 Resp: 159131

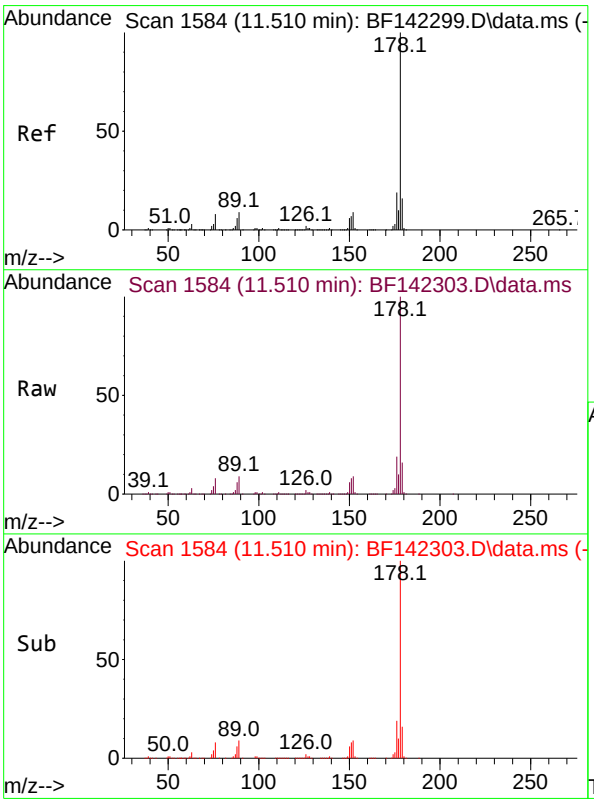
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.6	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

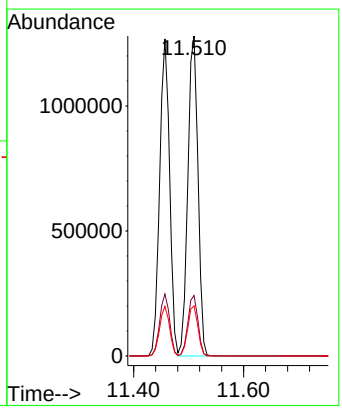
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

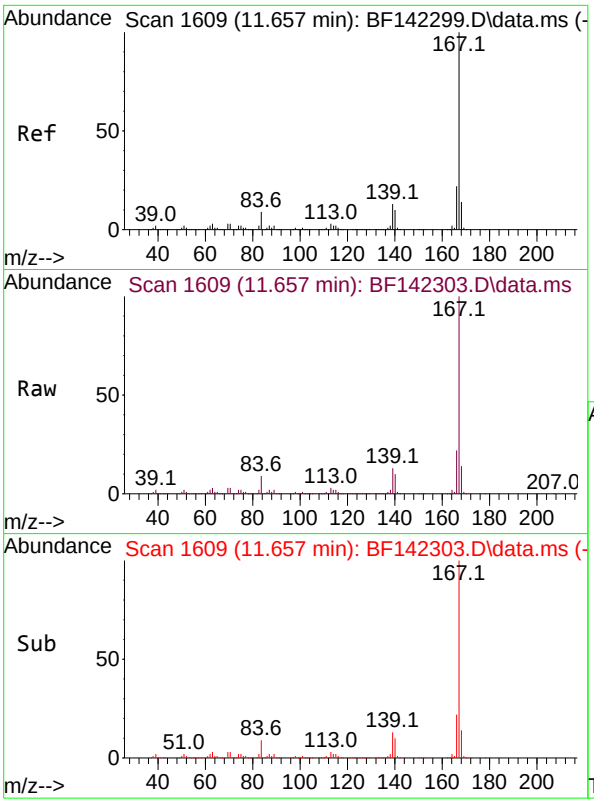


#72
Anthracene
Concen: 37.410 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:178 Resp: 1633756

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.7	12.6	18.8

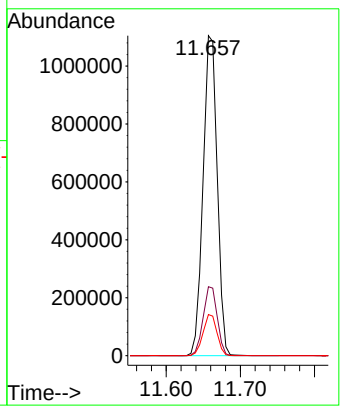




#73
Carbazole
Concen: 37.428 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:167 Resp: 146643

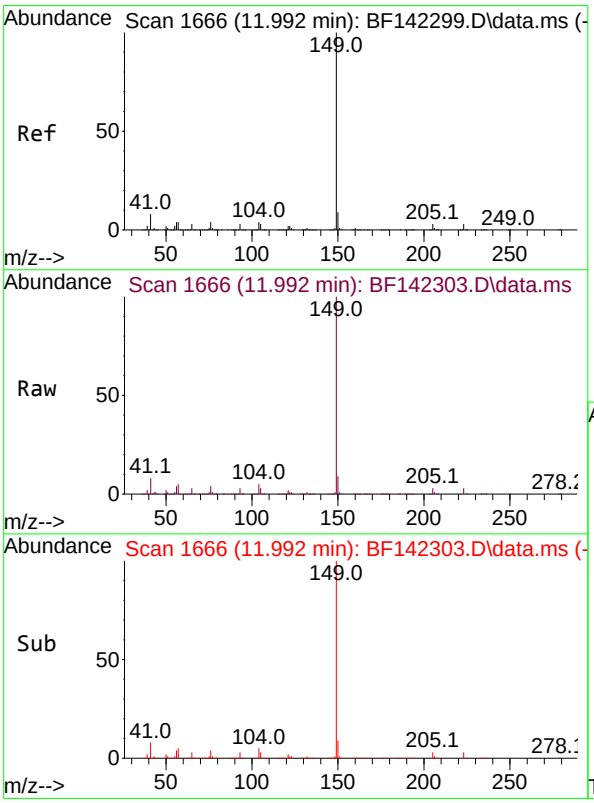
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.9	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

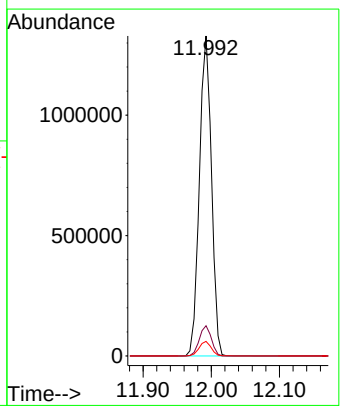
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

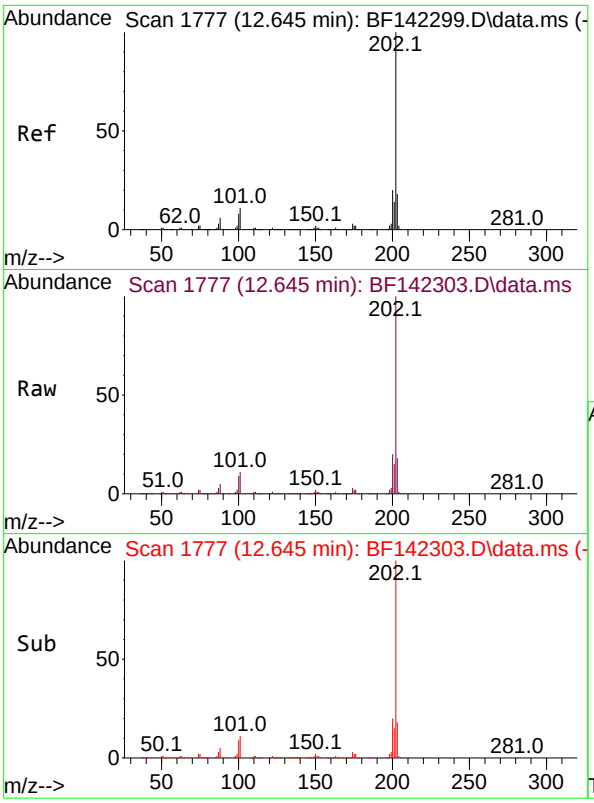


#74
Di-n-butylphthalate
Concen: 39.694 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:149 Resp: 1635344

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.5	3.6	5.4

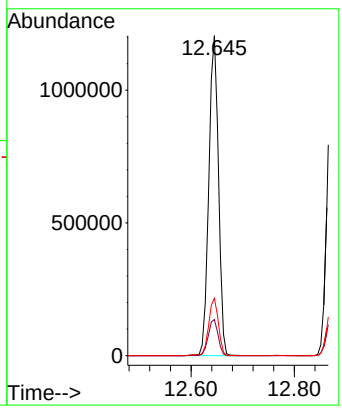




#75
Fluoranthene
Concen: 36.731 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:202 Resp: 156055

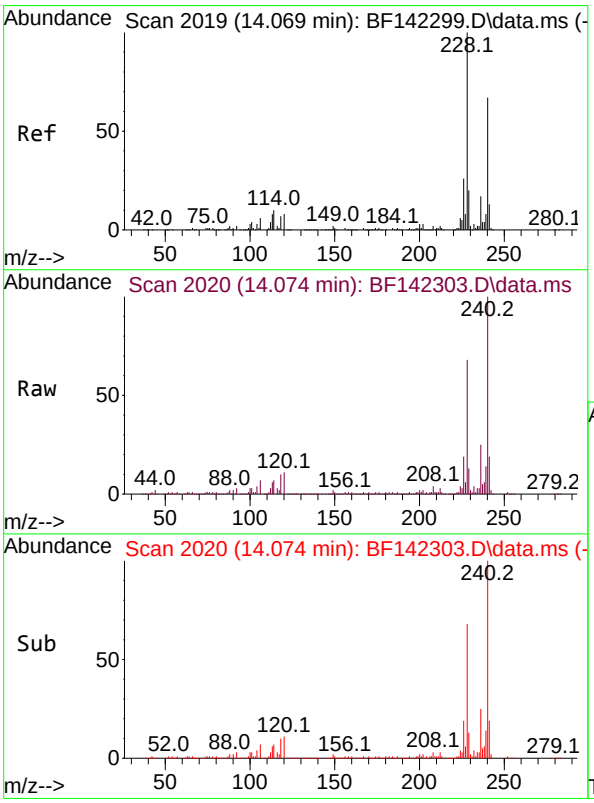
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.4
203	18.0	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

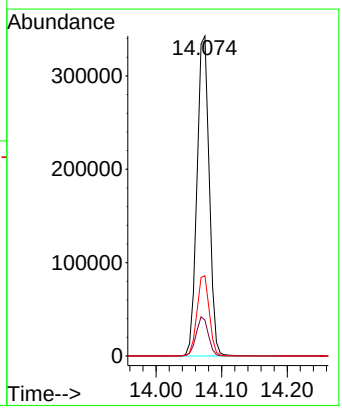
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

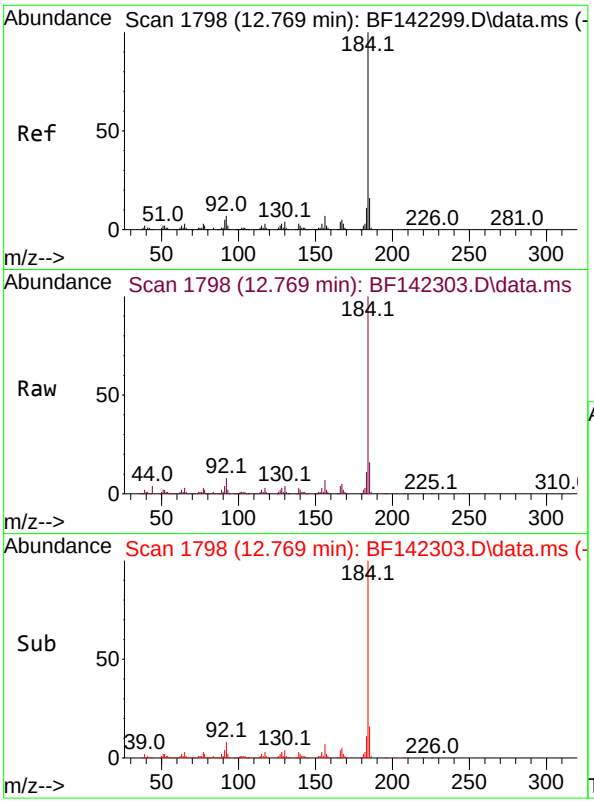


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:240 Resp: 446151

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.7	14.5
236	25.1	20.0	30.0

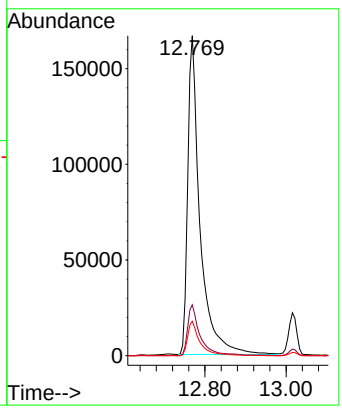




#77
Benzidine
Concen: 43.136 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:184 Resp: 34974

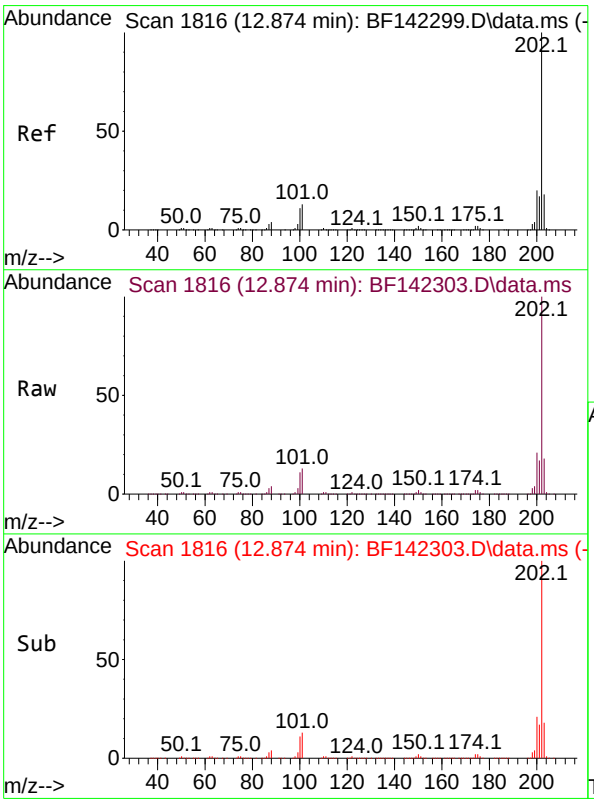
Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	10.8	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

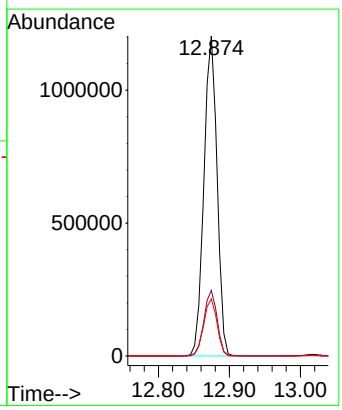
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

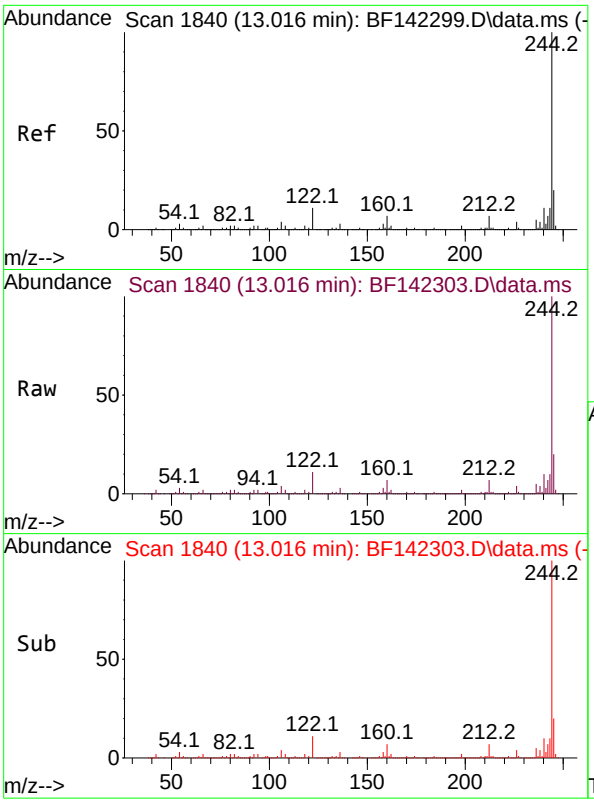


#78
Pyrene
Concen: 39.120 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:202 Resp: 1553540

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.4
203	17.9	14.3	21.5

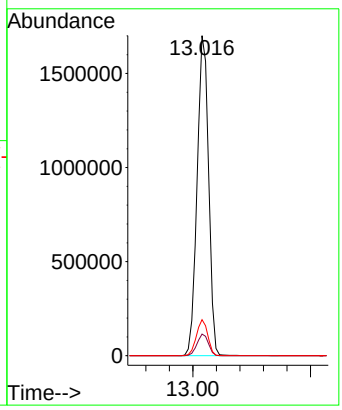




#79
Terphenyl-d14
Concen: 76.366 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:244 Resp: 230192

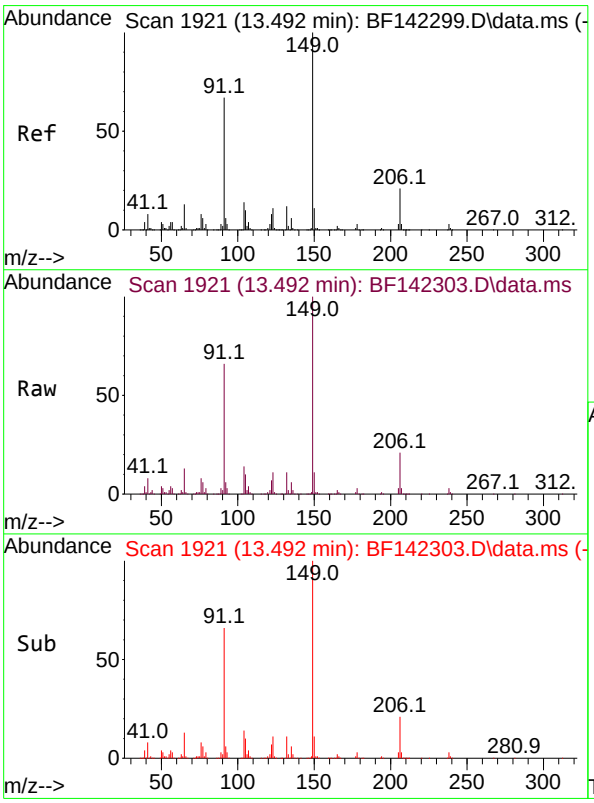
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.3	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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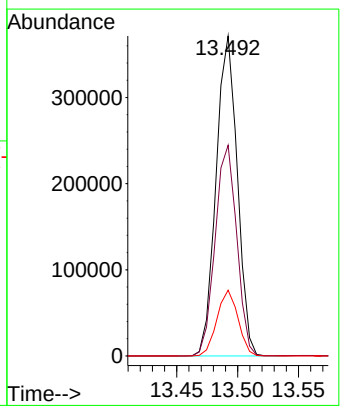
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

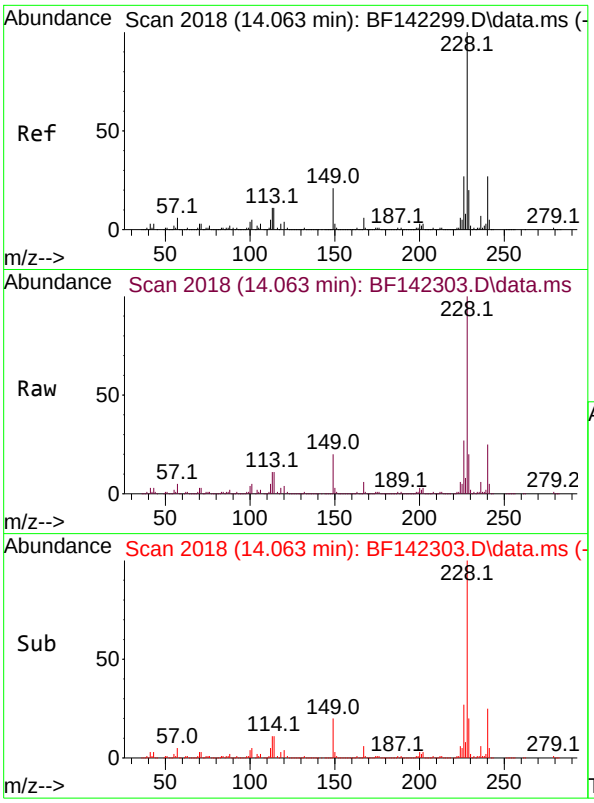


#80
Butylbenzylphthalate
Concen: 39.681 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:149 Resp: 451916

Ion	Ratio	Lower	Upper
149	100		
91	65.8	53.8	80.6
206	20.5	16.6	24.8

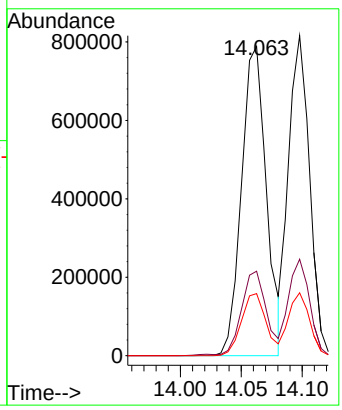




#81
Benzo(a)anthracene
Concen: 38.827 ng
RT: 14.063 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:228 Resp: 112183

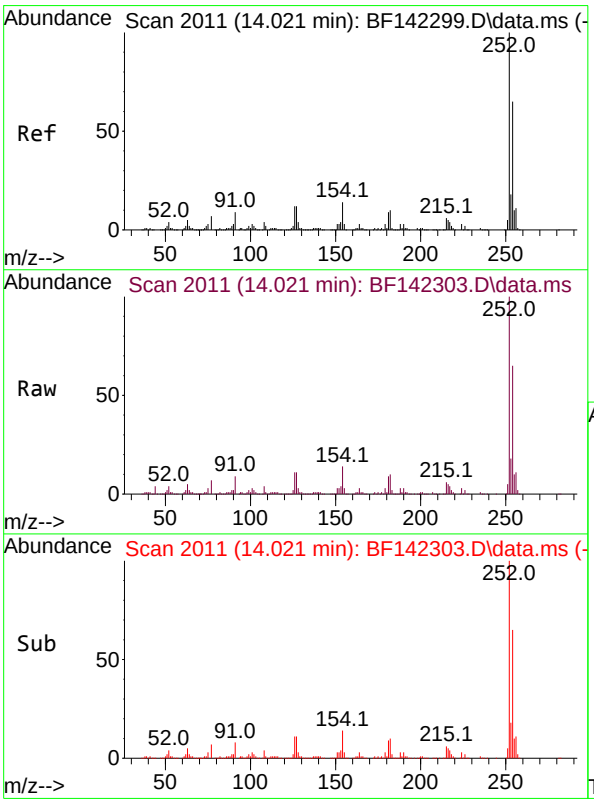
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.5	32.3
229	20.0	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

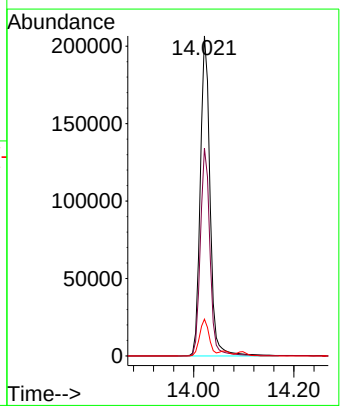
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

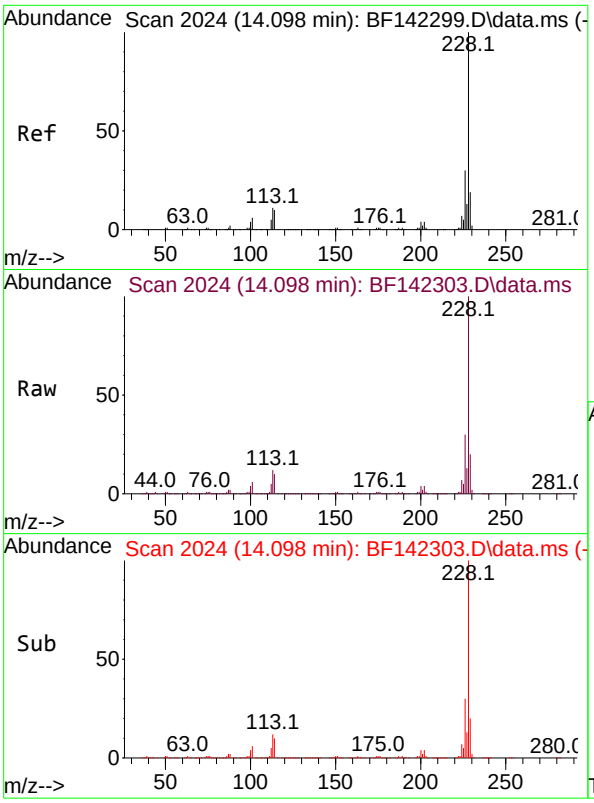


#82
3,3'-Dichlorobenzidine
Concen: 41.464 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:252 Resp: 278603

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.0	78.0
126	11.5	9.7	14.5

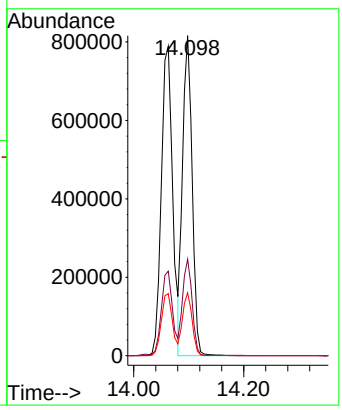




#83
Chrysene
Concen: 36.701 ng
RT: 14.098 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:228 Resp: 98717(

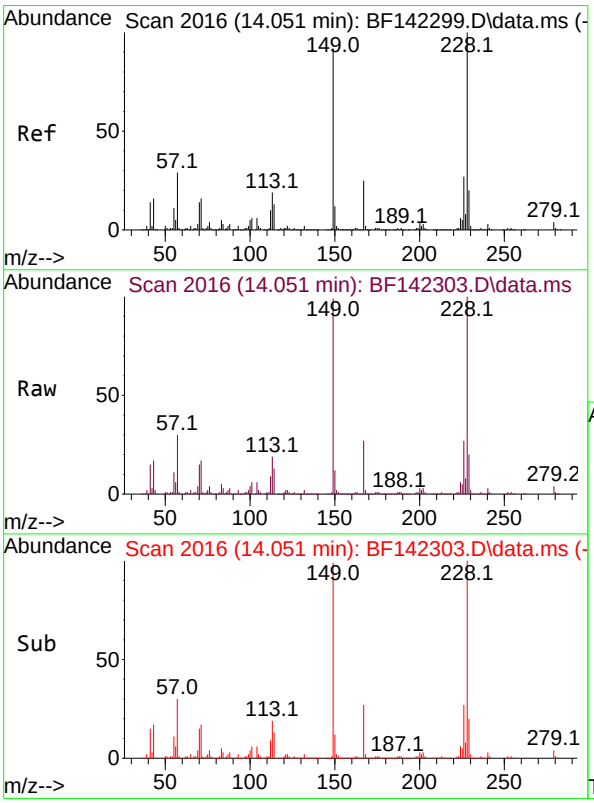
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.7	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

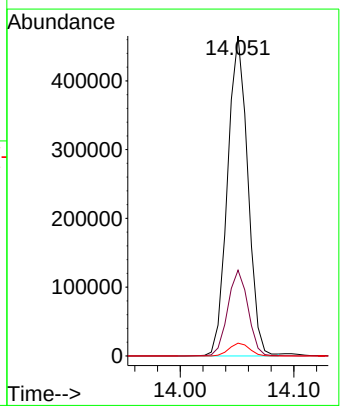
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

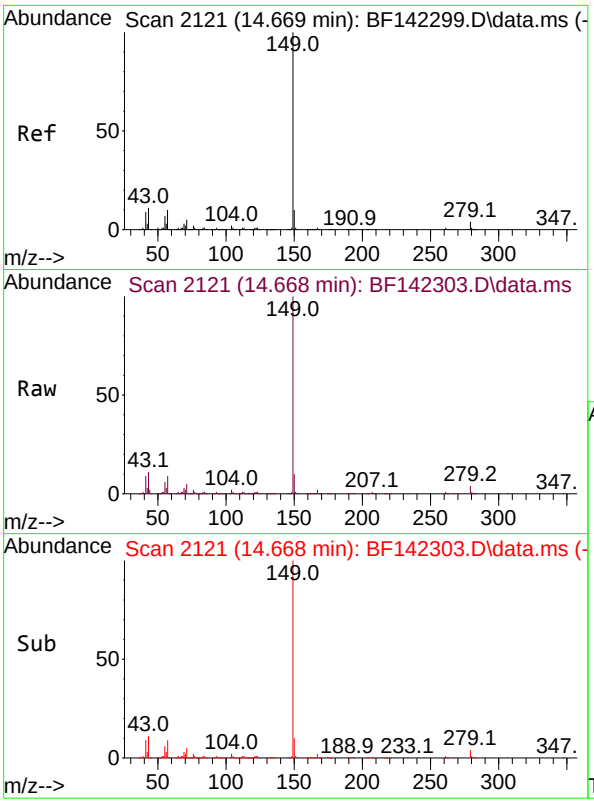


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.051 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:149 Resp: 576295

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.0	33.0
279	4.0	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 40.234 ng
RT: 14.668 min Scan# 2
Delta R.T. -0.001 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

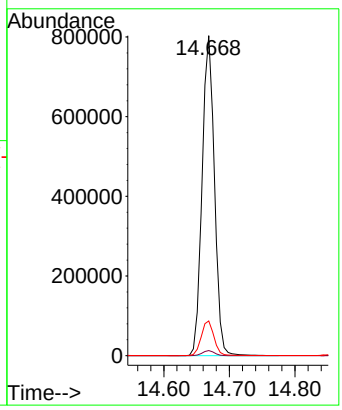
Tgt Ion:149 Resp: 105357

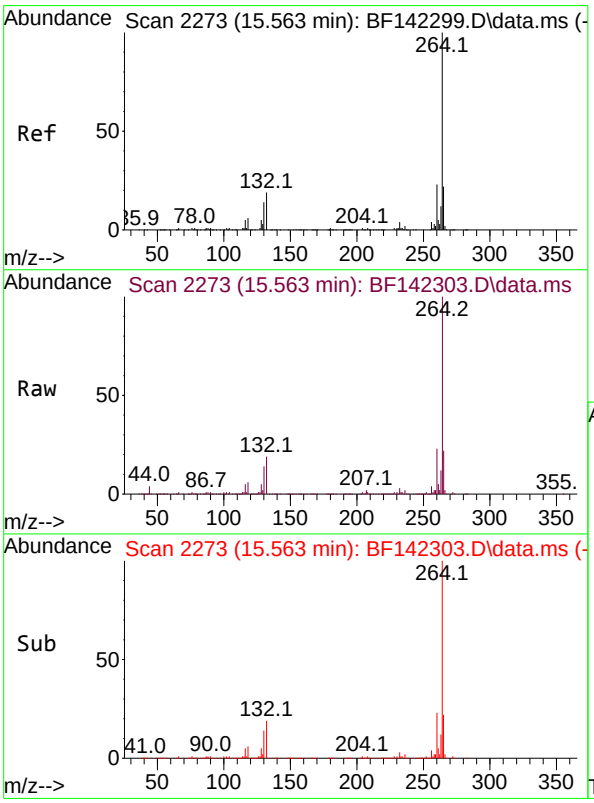
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.3	9.2	13.8

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

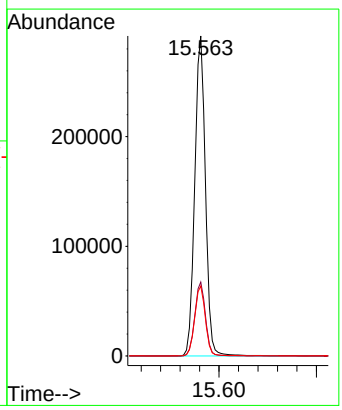


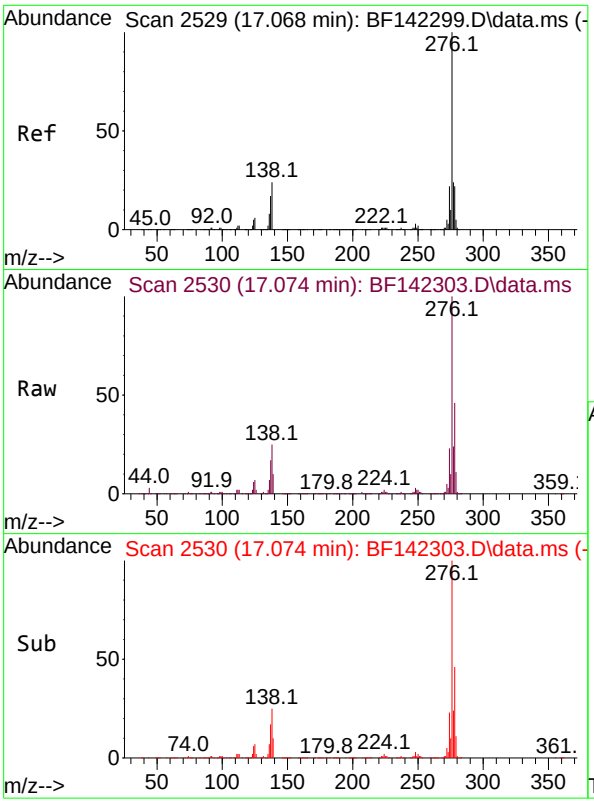


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:264 Resp: 447218

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.9	17.5	26.3

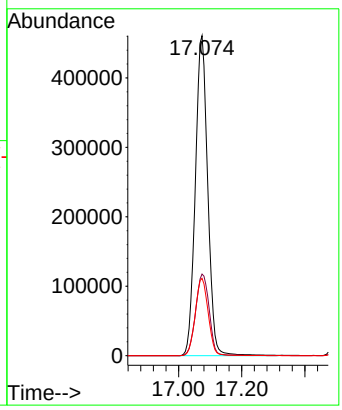




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.452 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:276 Resp: 125844

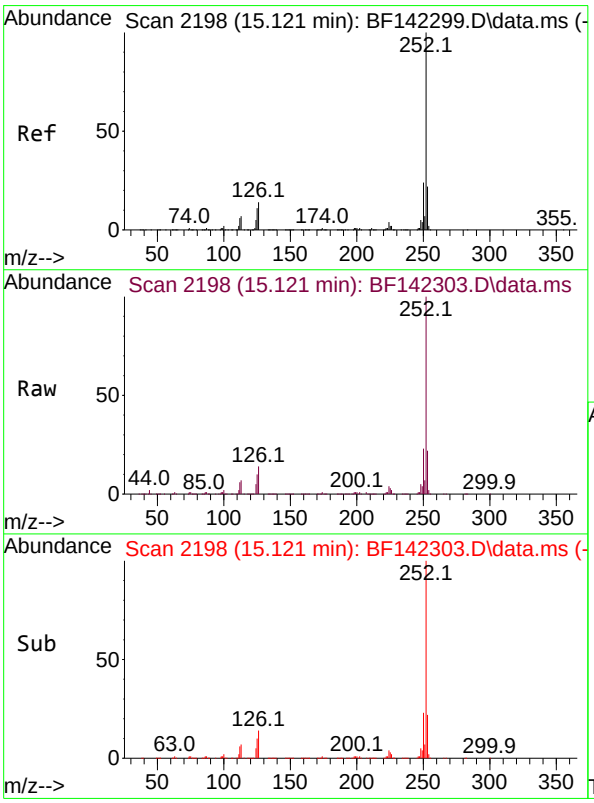
Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.0	33.0
277	25.2	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

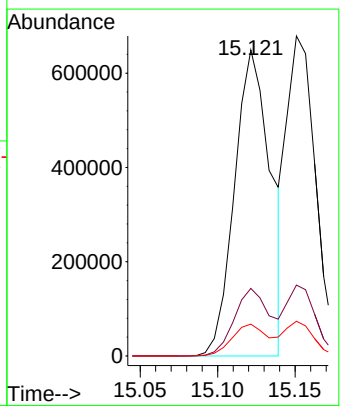
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

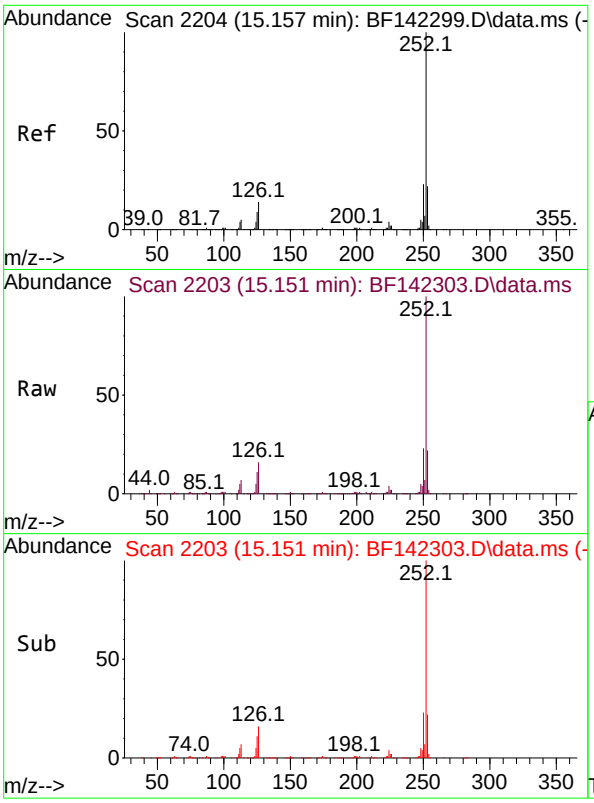


#88
Benzo(b)fluoranthene
Concen: 38.957 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:252 Resp: 1055207

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.4	8.7	13.1

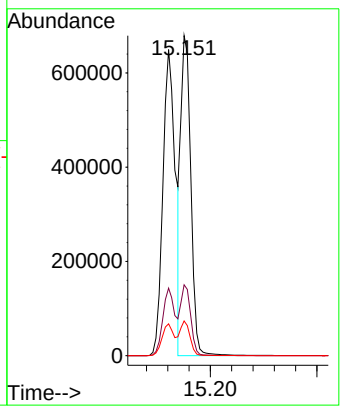




#89
Benzo(k)fluoranthene
Concen: 35.727 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:252 Resp: 88557

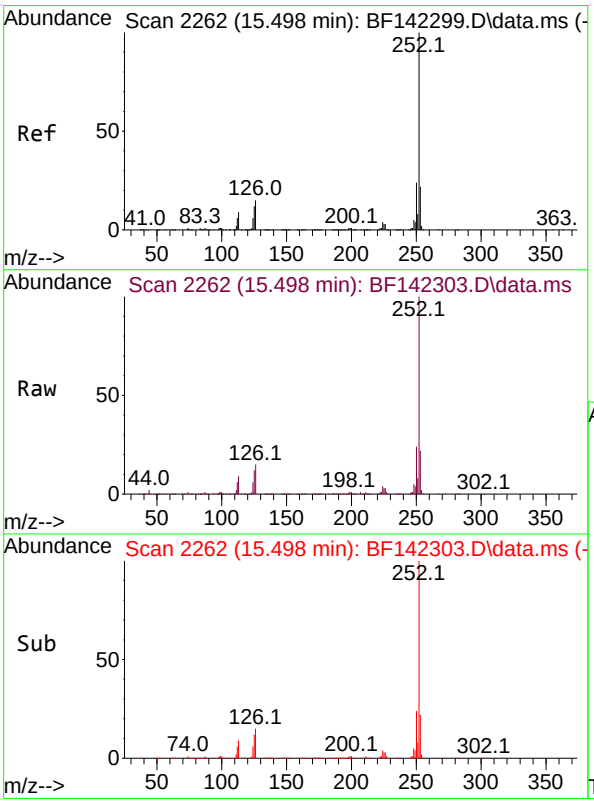
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.8	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

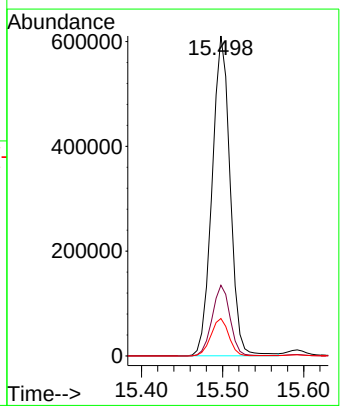
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

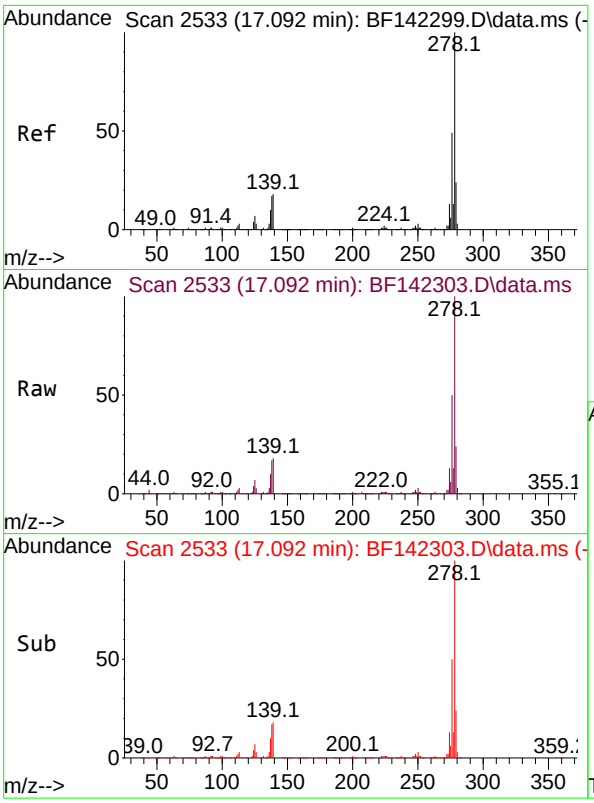


#90
Benzo(a)pyrene
Concen: 38.871 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:252 Resp: 943474

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.7	9.4	14.0

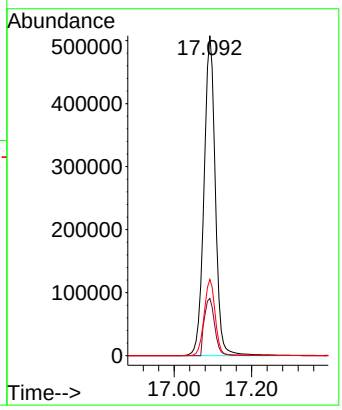




#91
Dibenzo(a,h)anthracene
Concen: 40.084 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:278 Resp: 103021

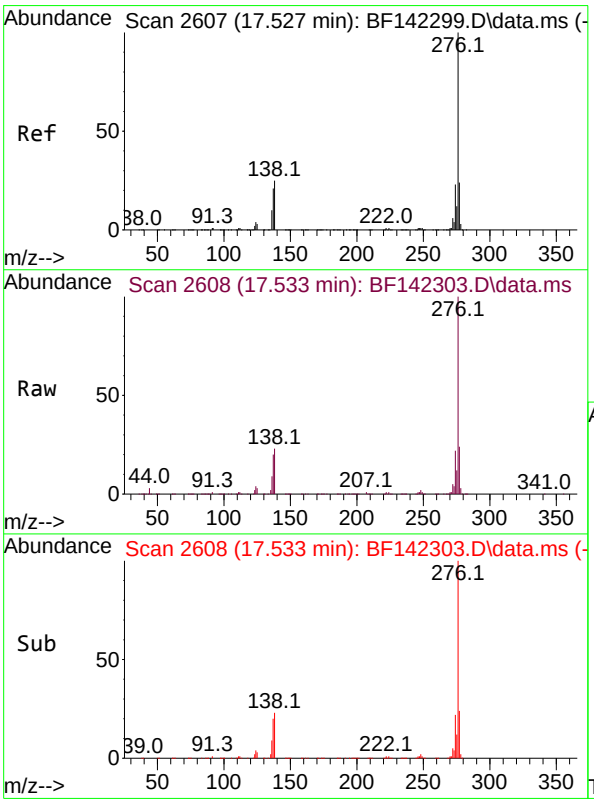
Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.5	21.7
279	23.8	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

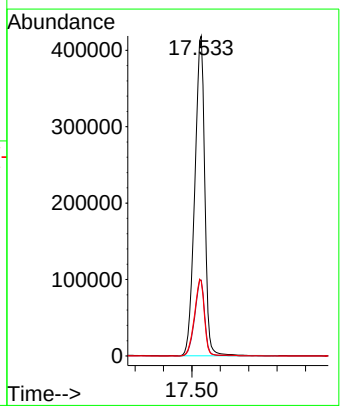
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#92
Benzo(g,h,i)perylene
Concen: 40.171 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:276 Resp: 1024727

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	23.3	19.8	29.6



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
2		1,4-Dioxane	0.528	0.502	4.9	107	0.00
3		Pyridine	1.239	1.269	-2.4	116	0.00
4		n-Nitrosodimethylamine	0.720	0.690	4.2	106	0.00
5	S	2-Fluorophenol	1.172	1.128	3.8	107	0.00
6		Aniline	1.413	1.490	-5.4	109	0.00
7	S	Phenol-d6	1.441	1.377	4.4	107	0.00
8		2-Chlorophenol	1.252	1.243	0.7	109	0.00
9		Benzaldehyde	0.843	0.718	14.8	105	0.00
10	C	Phenol	1.527	1.469	3.8	107	0.00
11		bis(2-Chloroethyl)ether	1.506	1.357	9.9	107	0.00
12		1,3-Dichlorobenzene	1.432	1.338	6.6	106	0.00
13	C	1,4-Dichlorobenzene	1.438	1.355	5.8	106	0.00
14		1,2-Dichlorobenzene	1.380	1.304	5.5	106	0.00
15		Benzyl Alcohol	0.933	0.948	-1.6	109	0.00
16		2,2'-oxybis(1-Chloropropane	2.249	2.137	5.0	107	0.00
17		2-Methylphenol	1.014	0.987	2.7	109	0.00
18		Hexachloroethane	0.478	0.474	0.8	110	0.00
19	P	n-Nitroso-di-n-propylamine	0.891	0.857	3.8	107	0.00
20		3+4-Methylphenols	1.265	1.236	2.3	109	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	106	0.00
22		Acetophenone	0.445	0.417	6.3	106	0.00
23	S	Nitrobenzene-d5	0.328	0.343	-4.6	111	0.00
24		Nitrobenzene	0.309	0.320	-3.6	111	0.00
25		Isophorone	0.621	0.597	3.9	108	0.00
26	C	2-Nitrophenol	0.129	0.155	-20.2#	124	0.00
27		2,4-Dimethylphenol	0.312	0.304	2.6	108	0.00
28		bis(2-Chloroethoxy)methane	0.399	0.381	4.5	108	0.00
29	C	2,4-Dichlorophenol	0.265	0.270	-1.9	109	0.00
30		1,2,4-Trichlorobenzene	0.299	0.280	6.4	106	0.00
31		Naphthalene	0.969	0.921	5.0	108	0.00
32		Benzoic acid	0.150	0.174	-16.0	132	0.00
33		4-Chloroaniline	0.396	0.395	0.3	109	0.00
34	C	Hexachlorobutadiene	0.177	0.170	4.0	108	0.00
35		Caprolactam	0.077	0.080	-3.9	108	0.00
36	C	4-Chloro-3-methylphenol	0.276	0.274	0.7	110	0.00
37		2-Methylnaphthalene	0.602	0.567	5.8	106	0.00
38		1-Methylnaphthalene	0.628	0.589	6.2	105	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	106	0.00
40		1,2,4,5-Tetrachlorobenzene	0.559	0.524	6.3	107	0.00
41	P	Hexachlorocyclopentadiene	0.345	0.363	-5.2	111	0.00
42	S	2,4,6-Tribromophenol	0.193	0.201	-4.1	111	0.00
43	C	2,4,6-Trichlorophenol	0.352	0.363	-3.1	109	0.00
44		2,4,5-Trichlorophenol	0.375	0.374	0.3	109	0.00
45	S	2-Fluorobiphenyl	1.403	1.251	10.8	104	0.00
46		1,1'-Biphenyl	1.533	1.429	6.8	107	0.00
47		2-Chloronaphthalene	1.140	1.064	6.7	106	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.292	0.327	-12.0	116	0.00
49		Acenaphthylene	1.908	1.804	5.5	107	0.00
50		Dimethylphthalate	1.284	1.225	4.6	107	0.00
51		2,6-Dinitrotoluene	0.240	0.269	-12.1	116	0.00
52	C	Acenaphthene	1.147	1.075	6.3	106	0.00
53		3-Nitroaniline	0.282	0.304	-7.8	112	0.00
54	P	2,4-Dinitrophenol	0.102	0.120	-17.6	130	0.00
55		Dibenzofuran	1.693	1.573	7.1	107	0.00
56	P	4-Nitrophenol	0.212	0.235	-10.8	116	0.00
57		2,4-Dinitrotoluene	0.308	0.349	-13.3	116	0.00
58		Fluorene	1.292	1.186	8.2	105	0.00
59		2,3,4,6-Tetrachlorophenol	0.309	0.322	-4.2	111	0.00
60		Diethylphthalate	1.283	1.220	4.9	107	0.00
61		4-Chlorophenyl-phenylether	0.623	0.574	7.9	105	0.00
62		4-Nitroaniline	0.223	0.220	1.3	103	0.00
63		Azobenzene	1.226	1.161	5.3	108	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	107	0.00
65		4,6-Dinitro-2-methylphenol	0.082	0.094	-14.6	124	0.00
66	c	n-Nitrosodiphenylamine	0.666	0.634	4.8	107	0.00
67		4-Bromophenyl-phenylether	0.227	0.217	4.4	107	0.00
68		Hexachlorobenzene	0.249	0.239	4.0	107	0.00
69		Atrazine	0.175	0.180	-2.9	110	0.00
70	C	Pentachlorophenol	0.131	0.144	-9.9	110	0.00
71		Phenanthrene	1.048	0.981	6.4	106	0.00
72		Anthracene	1.077	1.007	6.5	105	0.00
73		Carbazole	0.966	0.904	6.4	104	0.00
74		Di-n-butylphthalate	1.016	1.008	0.8	106	0.00
75	C	Fluoranthene	1.048	0.962	8.2	104	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	100	0.00
77		Benzidine	0.363	0.392	-8.0	109	0.00
78		Pyrene	1.780	1.741	2.2	102	0.00
79	S	Terphenyl-d14	1.351	1.290	4.5	102	0.00
80		Butylbenzylphthalate	0.449	0.506	-12.7	108	0.00
81		Benzo(a)anthracene	1.295	1.257	2.9	101	0.00
82		3,3'-Dichlorobenzidine	0.301	0.312	-3.7	105	0.00
83		Chrysene	1.206	1.106	8.3	100	0.00
84		Bis(2-ethylhexyl)phthalate	0.573	0.646	-12.7	107	0.00
85	c	Di-n-octyl phthalate	1.057	1.181	-11.7	114	0.00
86	I	Perylene-d12	1.000	1.000	0.0	105	0.00
87		Indeno(1,2,3-cd)pyrene	1.391	1.407	-1.2	107	0.00
88		Benzo(b)fluoranthene	1.211	1.180	2.6	106	0.00
89		Benzo(k)fluoranthene	1.109	0.990	10.7	100	0.00
90	C	Benzo(a)pyrene	1.085	1.055	2.8	104	0.00
91		Dibenzo(a,h)anthracene	1.149	1.152	-0.3	106	0.00
92		Benzo(g,h,i)perylene	1.141	1.146	-0.4	107	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	107	0.00
2		1,4-Dioxane	40.000	38.046	4.9	107	0.00
3		Pyridine	40.000	40.992	-2.5	116	0.00
4		n-Nitrosodimethylamine	40.000	38.346	4.1	106	0.00
5	S	2-Fluorophenol	80.000	77.026	3.7	107	0.00
6		Aniline	40.000	42.173	-5.4	109	0.00
7	S	Phenol-d6	80.000	76.429	4.5	107	0.00
8		2-Chlorophenol	40.000	39.701	0.7	109	0.00
9		Benzaldehyde	40.000	34.048	14.9	105	0.00
10	C	Phenol	40.000	38.399	4.0	107	0.00
11		bis(2-Chloroethyl)ether	40.000	36.030	9.9	107	0.00
12		1,3-Dichlorobenzene	40.000	37.375	6.6	106	0.00
13	C	1,4-Dichlorobenzene	40.000	37.681	5.8	106	0.00
14		1,2-Dichlorobenzene	40.000	37.772	5.6	106	0.00
15		Benzyl Alcohol	40.000	40.632	-1.6	109	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.006	5.0	107	0.00
17		2-Methylphenol	40.000	38.961	2.6	109	0.00
18		Hexachloroethane	40.000	39.633	0.9	110	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.437	3.9	107	0.00
20		3+4-Methylphenols	40.000	39.089	2.3	109	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	106	0.00
22		Acetophenone	40.000	37.519	6.2	106	0.00
23	S	Nitrobenzene-d5	80.000	83.567	-4.5	111	0.00
24		Nitrobenzene	40.000	41.431	-3.6	111	0.00
25		Isophorone	40.000	38.426	3.9	108	0.00
26	C	2-Nitrophenol	40.000	42.037	-5.1	124	0.00
27		2,4-Dimethylphenol	40.000	38.903	2.7	108	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.186	4.5	108	0.00
29	C	2,4-Dichlorophenol	40.000	40.715	-1.8	109	0.00
30		1,2,4-Trichlorobenzene	40.000	37.487	6.3	106	0.00
31		Naphthalene	40.000	37.992	5.0	108	0.00
32		Benzoic acid	40.000	43.072	-7.7	132	0.00
33		4-Chloroaniline	40.000	39.993	0.0	109	0.00
34	C	Hexachlorobutadiene	40.000	38.512	3.7	108	0.00
35		Caprolactam	40.000	41.494	-3.7	108	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.715	0.7	110	0.00
37		2-Methylnaphthalene	40.000	37.643	5.9	106	0.00
38		1-Methylnaphthalene	40.000	37.522	6.2	105	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	106	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.555	6.1	107	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.020	-5.1	111	0.00
42	S	2,4,6-Tribromophenol	80.000	83.209	-4.0	111	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.212	-3.0	109	0.00
44		2,4,5-Trichlorophenol	40.000	39.886	0.3	109	0.00
45	S	2-Fluorobiphenyl	80.000	71.371	10.8	104	0.00
46		1,1'-Biphenyl	40.000	37.283	6.8	107	0.00
47		2-Chloronaphthalene	40.000	37.323	6.7	106	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	44.681	-11.7	116	0.00
49		Acenaphthylene	40.000	37.833	5.4	107	0.00
50		Dimethylphthalate	40.000	38.154	4.6	107	0.00
51		2,6-Dinitrotoluene	40.000	44.788	-12.0	116	0.00
52	C	Acenaphthene	40.000	37.495	6.3	106	0.00
53		3-Nitroaniline	40.000	43.190	-8.0	112	0.00
54	P	2,4-Dinitrophenol	40.000	42.149	-5.4	130	0.00
55		Dibenzofuran	40.000	37.158	7.1	107	0.00
56	P	4-Nitrophenol	40.000	44.381	-11.0	116	0.00
57		2,4-Dinitrotoluene	40.000	45.248	-13.1	116	0.00
58		Fluorene	40.000	36.712	8.2	105	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.630	-4.1	111	0.00
60		Diethylphthalate	40.000	38.064	4.8	107	0.00
61		4-Chlorophenyl-phenylether	40.000	36.826	7.9	105	0.00
62		4-Nitroaniline	40.000	39.327	1.7	103	0.00
63		Azobenzene	40.000	37.908	5.2	108	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	107	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.574	-3.9	124	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.096	4.8	107	0.00
67		4-Bromophenyl-phenylether	40.000	38.308	4.2	107	0.00
68		Hexachlorobenzene	40.000	38.273	4.3	107	0.00
69		Atrazine	40.000	41.032	-2.6	110	0.00
70	C	Pentachlorophenol	40.000	43.855	-9.6	110	0.00
71		Phenanthrene	40.000	37.441	6.4	106	0.00
72		Anthracene	40.000	37.410	6.5	105	0.00
73		Carbazole	40.000	37.428	6.4	104	0.00
74		Di-n-butylphthalate	40.000	39.694	0.8	106	0.00
75	C	Fluoranthene	40.000	36.731	8.2	104	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	100	0.00
77		Benzidine	40.000	43.136	-7.8	109	0.00
78		Pyrene	40.000	39.120	2.2	102	0.00
79	S	Terphenyl-d14	80.000	76.366	4.5	102	0.00
80		Butylbenzylphthalate	40.000	39.681	0.8	108	0.00
81		Benzo(a)anthracene	40.000	38.827	2.9	101	0.00
82		3,3'-Dichlorobenzidine	40.000	41.464	-3.7	105	0.00
83		Chrysene	40.000	36.701	8.2	100	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.051	2.4	107	0.00
85	c	Di-n-octyl phthalate	40.000	40.234	-0.6	114	0.00
86	I	Perylene-d12	20.000	20.000	0.0	105	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.452	-1.1	107	0.00
88		Benzo(b)fluoranthene	40.000	38.957	2.6	106	0.00
89		Benzo(k)fluoranthene	40.000	35.727	10.7	100	0.00
90	C	Benzo(a)pyrene	40.000	38.871	2.8	104	0.00
91		Dibenzo(a,h)anthracene	40.000	40.084	-0.2	106	0.00
92		Benzo(g,h,i)perylene	40.000	40.171	-0.4	107	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data

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: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

Instrument ID: BNA_P Calibration Date(s): 05/13/2025 05/13/2025

Calibration Time(s): 10:41 15:26

LAB FILE ID: RRF2.5 = BP024614.D RRF005 = BP024615.D RRF010 = BP024616.D
RRF020 = BP024617.D RRF040 = BP024618.D RRF050 = BP024619.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.134	1.096	1.162	1.105	1.272	1.169	5.5
Benzaldehyde		0.991	1.008	1.046	0.955	1.043	0.966	9.9
Phenol-d6		1.301	1.344	1.486	1.472	1.671	1.492	9.1
Phenol		1.373	1.401	1.526	1.509	1.707	1.540	8.2
bis(2-Chloroethyl)ether		1.317	1.170	1.257	1.213	1.357	1.266	5.0
2-Chlorophenol		1.200	1.204	1.311	1.303	1.465	1.327	7.8
2-Methylphenol		0.966	0.949	1.105	1.099	1.246	1.105	10.3
2,2-oxybis(1-Chloropropane)		1.543	1.445	1.520	1.467	1.617	1.516	4.2
Acetophenone		0.486	0.481	0.511	0.483	0.534	0.500	4.0
3+4-Methylphenols		1.221	1.302	1.503	1.515	1.702	1.503	12.2
n-Nitroso-di-n-propylamine	0.880	0.977	0.967	1.086	1.048	1.142	1.032	8.6
Nitrobenzene-d5		0.381	0.376	0.401	0.382	0.429	0.396	4.7
Hexachloroethane		0.606	0.591	0.582	0.551	0.623	0.589	4.0
Nitrobenzene		0.333	0.340	0.355	0.337	0.373	0.348	4.0
Isophorone		0.644	0.640	0.695	0.673	0.753	0.687	5.9
2-Nitrophenol		0.135	0.143	0.168	0.172	0.196	0.171	14.1
2,4-Dimethylphenol		0.273	0.279	0.300	0.298	0.329	0.301	6.6
bis(2-Chloroethoxy)methane		0.403	0.391	0.411	0.399	0.443	0.410	4.1
2,4-Dichlorophenol		0.250	0.258	0.290	0.291	0.327	0.292	10.0
Naphthalene		1.064	1.026	1.049	0.980	1.091	1.036	3.5
4-Chloroaniline		0.348	0.371	0.420	0.418	0.465	0.418	10.6
Hexachlorobutadiene		0.231	0.214	0.211	0.198	0.222	0.213	5.1
Caprolactam		0.082	0.092	0.104	0.109	0.121	0.106	13.8
4-Chloro-3-methylphenol		0.316	0.325	0.358	0.356	0.391	0.356	7.8
2-Methylnaphthalene		0.673	0.654	0.670	0.640	0.713	0.671	3.7
Hexachlorocyclopentadiene		0.250	0.276	0.350	0.356	0.420	0.352	19.0
2,4,6-Trichlorophenol		0.305	0.341	0.375	0.371	0.428	0.376	11.3
2-Fluorobiphenyl		1.601	1.498	1.553	1.432	1.602	1.527	4.1
2,4,5-Trichlorophenol		0.376	0.375	0.418	0.404	0.471	0.419	8.7
1,1-Biphenyl		1.524	1.434	1.492	1.383	1.586	1.478	4.4
2-Chloronaphthalene		1.147	1.106	1.131	1.065	1.196	1.127	3.6
2-Nitroaniline		0.279	0.304	0.331	0.335	0.381	0.334	10.3
Dimethylphthalate		1.570	1.527	1.518	1.450	1.611	1.524	3.7
Acenaphthylene		1.845	1.818	1.920	1.804	2.029	1.886	4.2

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

Instrument ID: BNA_P Calibration Date(s): 05/13/2025 05/13/2025

Calibration Time(s): 10:41 15:26

LAB FILE ID: RRF2.5 = BP024614.D RRF005 = BP024615.D RRF010 = BP024616.D
RRF020 = BP024617.D RRF040 = BP024618.D RRF050 = BP024619.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.299	0.308	0.326	0.312	0.354	0.322	5.8
3-Nitroaniline		0.258	0.275	0.329	0.340	0.379	0.329	14.0
Acenaphthene		1.105	1.054	1.094	1.028	1.159	1.084	4.0
2,4-Dinitrophenol			0.098	0.143	0.172	0.201	0.169	24.8
4-Nitrophenol			0.159	0.222	0.257	0.299	0.250	20.8
Dibenzofuran		1.810	1.716	1.740	1.633	1.816	1.730	4.0
2,4-Dinitrotoluene		0.400	0.422	0.456	0.454	0.508	0.454	7.9
Diethylphthalate		1.593	1.542	1.537	1.444	1.639	1.541	4.4
4-Chlorophenyl-phenylether		0.752	0.697	0.700	0.656	0.741	0.703	5.0
Fluorene		1.466	1.415	1.410	1.336	1.494	1.410	4.1
4-Nitroaniline		0.228	0.259	0.326	0.330	0.375	0.317	17.1
4,6-Dinitro-2-methylphenol			0.094	0.120	0.129	0.149	0.129	15.6
n-Nitrosodiphenylamine		0.603	0.589	0.627	0.593	0.667	0.614	4.4
2,4,6-Tribromophenol		0.324	0.321	0.335	0.323	0.369	0.339	5.5
4-Bromophenyl-phenylether		0.231	0.223	0.237	0.226	0.252	0.236	4.3
Hexachlorobenzene		0.303	0.288	0.298	0.282	0.321	0.299	4.2
Atrazine		0.210	0.209	0.227	0.218	0.248	0.225	6.3
Pentachlorophenol		0.124	0.137	0.163	0.172	0.198	0.168	17.1
Phenanthrene		1.144	1.085	1.125	1.051	1.170	1.112	3.7
Anthracene		1.097	1.064	1.142	1.075	1.205	1.119	4.3
Carbazole		0.923	0.944	1.039	1.001	1.114	1.012	6.4
Di-n-butylphthalate		1.182	1.218	1.332	1.260	1.447	1.302	7.0
Fluoranthene		1.271	1.254	1.314	1.250	1.399	1.300	4.2
Pyrene		1.184	1.137	1.197	1.153	1.273	1.198	3.8
Terphenyl-d14		1.192	1.113	1.165	1.125	1.226	1.166	3.3
Butylbenzylphthalate		0.458	0.465	0.537	0.527	0.604	0.533	10.3
3,3-Dichlorobenzidine		0.357	0.392	0.474	0.477	0.539	0.466	14.5
Benzo(a)anthracene		1.251	1.218	1.253	1.208	1.336	1.256	3.4
Chrysene		1.214	1.180	1.185	1.131	1.255	1.190	3.2
Bis(2-ethylhexyl)phthalate		0.673	0.683	0.801	0.766	0.884	0.783	10.3
Di-n-octyl phthalate		1.048	1.116	1.272	1.280	1.458	1.281	12.0
Benzo(b)fluoranthene		1.028	1.070	1.152	1.103	1.288	1.145	7.6
Benzo(k)fluoranthene		1.147	1.106	1.182	1.140	1.258	1.180	4.6
Benzo(a)pyrene		0.995	1.001	1.112	1.064	1.221	1.099	7.7
Indeno(1,2,3-cd)pyrene		1.341	1.357	1.447	1.424	1.608	1.460	6.7

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

Instrument ID: BNA_P Calibration Date(s): 05/13/2025 05/13/2025

Calibration Time(s): 10:41 15:26

LAB FILE ID: RRF2.5 = BP024614.D RRF005 = BP024615.D RRF010 = BP024616.D
RRF020 = BP024617.D RRF040 = BP024618.D RRF050 = BP024619.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.068	1.066	1.186	1.167	1.321	1.188	8.2
Benzo(g,h,i)perylene		1.101	1.106	1.167	1.147	1.294	1.181	6.1
1,2,4,5-Tetrachlorobenzene		0.593	0.558	0.574	0.549	0.625	0.581	4.3
1,4-Dioxane		0.641	0.557	0.535	0.505	0.562	0.549	8.3
2,3,4,6-Tetrachlorophenol		0.367	0.364	0.381	0.379	0.428	0.388	5.9

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 13 16:21:39 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024614.D 5 =BP024615.D 10 =BP024616.D 20 =BP024617.D 40 =BP024618.D 50 =BP024619.D 60 =BP024620.D 80 =BP0246
21.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.641	0.557	0.535	0.505	0.562	0.530	0.513	0.549	8.31
3)		Pyridine		1.054	1.135	1.202	1.198	1.363	1.307	1.263	1.218	8.57
4)		n-Nitrosodimet...		0.536	0.507	0.527	0.517	0.580	0.557	0.537	0.538	4.61
5)	S	2-Fluorophenol		1.134	1.096	1.162	1.105	1.272	1.223	1.193	1.169	5.50
6)		Aniline		1.717	1.703	1.932	1.917	2.130	2.091	1.999	1.927	8.67
7)	S	Phenol-d6		1.301	1.344	1.486	1.472	1.671	1.620	1.552	1.492	9.09
8)		2-Chlorophenol		1.200	1.204	1.311	1.303	1.465	1.433	1.376	1.327	7.83
9)		Benzaldehyde		0.991	1.008	1.046	0.955	1.043	0.954	0.766	0.966	9.91
10)	C	Phenol		1.373	1.401	1.526	1.509	1.707	1.670	1.597	1.540	8.24
11)		bis(2-Chloroet...		1.317	1.170	1.257	1.213	1.357	1.299	1.247	1.266	5.04
12)		1,3-Dichlorobe...		1.596	1.487	1.520	1.440	1.622	1.546	1.480	1.527	4.29
13)	C	1,4-Dichlorobe...		1.558	1.505	1.525	1.470	1.637	1.567	1.491	1.536	3.67
14)		1,2-Dichlorobe...		1.530	1.467	1.498	1.426	1.579	1.529	1.449	1.497	3.56
15)		Benzyl Alcohol		0.883	0.950	1.128	1.149	1.306	1.288	1.236	1.134	14.43
16)		2,2'-oxybis(1-...		1.543	1.445	1.520	1.467	1.617	1.564	1.454	1.516	4.22
17)		2-Methylphenol		0.966	0.949	1.105	1.099	1.246	1.213	1.154	1.105	10.30
18)		Hexachloroethane		0.606	0.591	0.582	0.551	0.623	0.597	0.570	0.589	4.04
19)	P	n-Nitroso-di-n...	0.880	0.977	0.967	1.086	1.048	1.142	1.132	1.026	1.032	8.63
20)		3+4-Methylphenols		1.221	1.302	1.503	1.515	1.702	1.692	1.584	1.503	12.21
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.486	0.481	0.511	0.483	0.534	0.512	0.491	0.500	3.97
23)	S	Nitrobenzene-d5		0.381	0.376	0.401	0.382	0.429	0.408	0.394	0.396	4.67
24)		Nitrobenzene		0.333	0.340	0.355	0.337	0.373	0.356	0.344	0.348	4.03
25)		Isophorone		0.644	0.640	0.695	0.673	0.753	0.721	0.682	0.687	5.91
26)	C	2-Nitrophenol		0.135	0.143	0.168	0.172	0.196	0.192	0.189	0.171	14.05
27)		2,4-Dimethylph...		0.273	0.279	0.300	0.298	0.329	0.318	0.309	0.301	6.60
28)		bis(2-Chloroet...		0.403	0.391	0.411	0.399	0.443	0.419	0.405	0.410	4.15
29)	C	2,4-Dichloroph...		0.250	0.258	0.290	0.291	0.327	0.316	0.309	0.292	9.96
30)		1,2,4-Trichlor...		0.346	0.322	0.327	0.306	0.347	0.329	0.323	0.329	4.33
31)		Naphthalene		1.064	1.026	1.049	0.980	1.091	1.037	1.007	1.036	3.54
32)		Benzoic acid			0.089	0.146	0.191	0.215	0.220	0.225	0.181	29.55
33)		4-Chloroaniline		0.348	0.371	0.420	0.418	0.465	0.462	0.442	0.418	10.62
34)	C	Hexachlorobuta...		0.231	0.214	0.211	0.198	0.222	0.209	0.206	0.213	5.08
35)		Caprolactam		0.082	0.092	0.104	0.109	0.121	0.121	0.110	0.106	13.80
36)	C	4-Chloro-3-met...		0.316	0.325	0.358	0.356	0.391	0.384	0.359	0.356	7.78
37)		2-Methylnaphth...		0.673	0.654	0.670	0.640	0.713	0.693	0.654	0.671	3.73
38)		1-Methylnaphth...		0.741	0.700	0.720	0.690	0.751	0.733	0.690	0.718	3.47

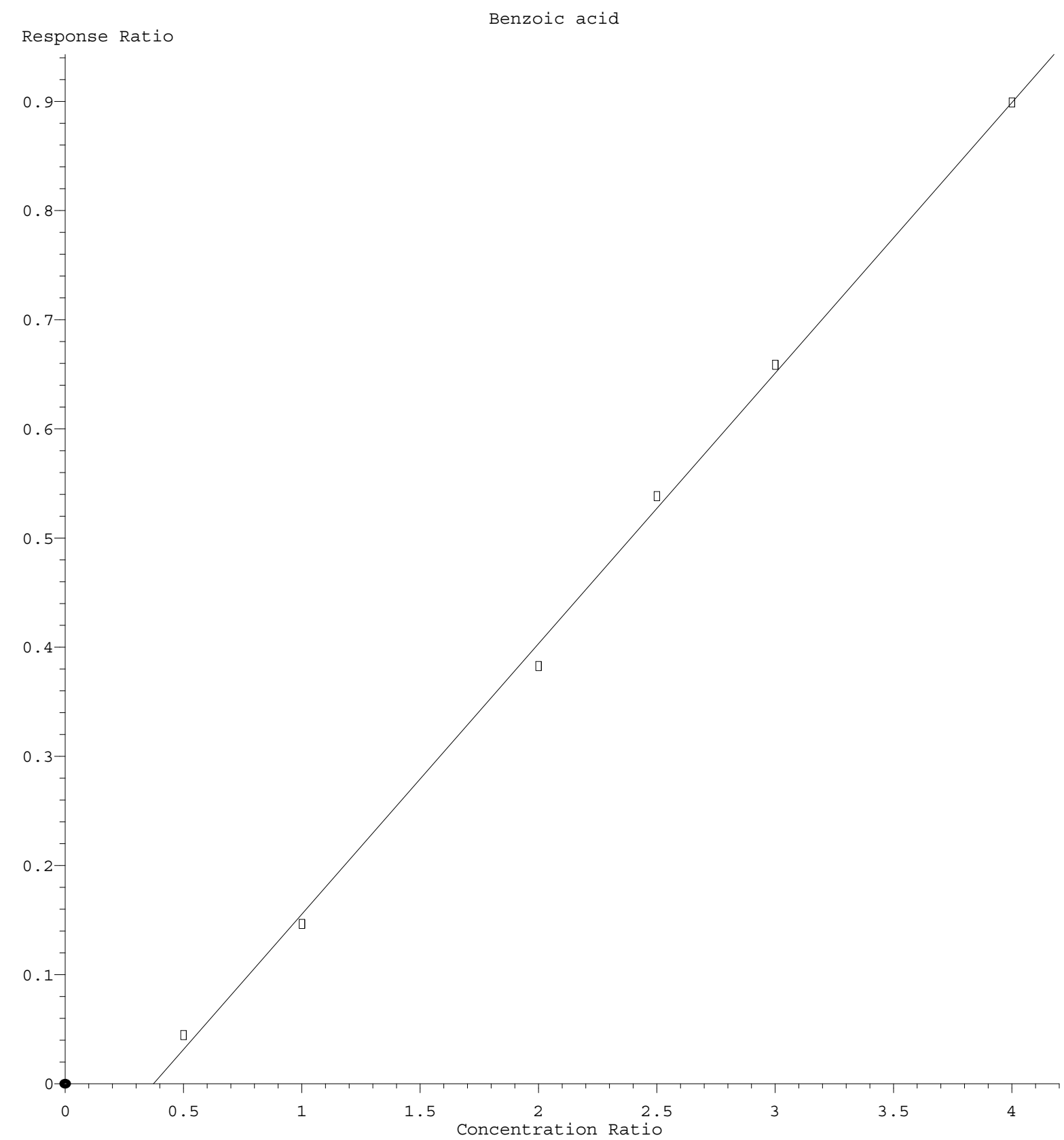
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP051325.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.593	0.558	0.574	0.549	0.625	0.580	0.586	0.581	4.26
41)	P	Hexachlorocycl...	0.250	0.276	0.350	0.356	0.420	0.391	0.421	0.352	19.02
42)	S	2,4,6-Tribromo...	0.324	0.321	0.335	0.323	0.369	0.357	0.346	0.339	5.49
43)	C	2,4,6-Trichlor...	0.305	0.341	0.375	0.371	0.428	0.410	0.402	0.376	11.29
44)		2,4,5-Trichlor...	0.376	0.375	0.418	0.404	0.471	0.447	0.440	0.419	8.68
45)	S	2-Fluorobiphenyl	1.601	1.498	1.553	1.432	1.602	1.515	1.485	1.527	4.10
46)		1,1'-Biphenyl	1.524	1.434	1.492	1.383	1.586	1.473	1.456	1.478	4.40
47)		2-Chloronaphth...	1.147	1.106	1.131	1.065	1.196	1.132	1.113	1.127	3.56
48)		2-Nitroaniline	0.279	0.304	0.331	0.335	0.381	0.364	0.343	0.334	10.28
49)		Acenaphthylene	1.845	1.818	1.920	1.804	2.029	1.930	1.856	1.886	4.19
50)		Dimethylphthalate	1.570	1.527	1.518	1.450	1.611	1.535	1.460	1.524	3.73
51)		2,6-Dinitrotol...	0.299	0.308	0.326	0.312	0.354	0.337	0.319	0.322	5.75
52)	C	Acenaphthene	1.105	1.054	1.094	1.028	1.159	1.099	1.052	1.084	4.02
53)		3-Nitroaniline	0.258	0.275	0.329	0.340	0.379	0.370	0.350	0.329	14.04
54)	P	2,4-Dinitrophenol		0.098	0.143	0.172	0.201	0.201	0.201	0.169	24.79
55)		Dibenzofuran	1.810	1.716	1.740	1.633	1.816	1.733	1.658	1.730	4.00
56)	P	4-Nitrophenol		0.159	0.222	0.257	0.299	0.288	0.274	0.250	20.82
57)		2,4-Dinitrotol...	0.400	0.422	0.456	0.454	0.508	0.483	0.454	0.454	7.87
58)		Fluorene	1.466	1.415	1.410	1.336	1.494	1.410	1.341	1.410	4.14
59)		2,3,4,6-Tetrac...	0.367	0.364	0.381	0.379	0.428	0.406	0.394	0.388	5.89
60)		Diethylphthalate	1.593	1.542	1.537	1.444	1.639	1.563	1.468	1.541	4.40
61)		4-Chlorophenyl...	0.752	0.697	0.700	0.656	0.741	0.709	0.668	0.703	5.01
62)		4-Nitroaniline	0.228	0.259	0.326	0.330	0.375	0.363	0.341	0.317	17.06
63)		Azobenzene	1.327	1.299	1.356	1.250	1.407	1.343	1.243	1.318	4.45
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.094	0.120	0.129	0.149	0.143	0.141	0.129	15.64
66)	c	n-Nitrosodiphe...	0.603	0.589	0.627	0.593	0.667	0.621	0.600	0.614	4.41
67)		4-Bromophenyl-...	0.231	0.223	0.237	0.226	0.252	0.242	0.240	0.236	4.31
68)		Hexachlorobenzene	0.303	0.288	0.298	0.282	0.321	0.304	0.300	0.299	4.25
69)		Atrazine	0.210	0.209	0.227	0.218	0.248	0.237	0.226	0.225	6.32
70)	C	Pentachlorophenol	0.124	0.137	0.163	0.172	0.198	0.191	0.192	0.168	17.12
71)		Phenanthrene	1.144	1.085	1.125	1.051	1.170	1.125	1.083	1.112	3.68
72)		Anthracene	1.097	1.064	1.142	1.075	1.205	1.139	1.108	1.119	4.31
73)		Carbazole	0.923	0.944	1.039	1.001	1.114	1.053	1.013	1.012	6.43
74)		Di-n-butylphth...	1.182	1.218	1.332	1.260	1.447	1.363	1.313	1.302	6.97
75)	C	Fluoranthene	1.271	1.254	1.314	1.250	1.399	1.337	1.272	1.300	4.18
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.362	0.543	0.560	0.657	0.599	0.548	0.545	18.22
78)		Pyrene	1.184	1.137	1.197	1.153	1.273	1.222	1.223	1.198	3.85
79)	S	Terphenyl-d14	1.192	1.113	1.165	1.125	1.226	1.175	1.167	1.166	3.30
80)		Butylbenzylpht...	0.458	0.465	0.537	0.527	0.604	0.571	0.569	0.533	10.28
81)		Benzo(a)anthra...	1.251	1.218	1.253	1.208	1.336	1.275	1.250	1.256	3.36
82)		3,3'-Dichlorob...	0.357	0.392	0.474	0.477	0.539	0.511	0.514	0.466	14.45
83)		Chrysene	1.214	1.180	1.185	1.131	1.255	1.188	1.180	1.190	3.16
84)		Bis(2-ethylhex...	0.673	0.683	0.801	0.766	0.884	0.836	0.841	0.783	10.32
85)	c	Di-n-octyl pht...	1.048	1.116	1.272	1.280	1.458	1.376	1.417	1.281	11.95

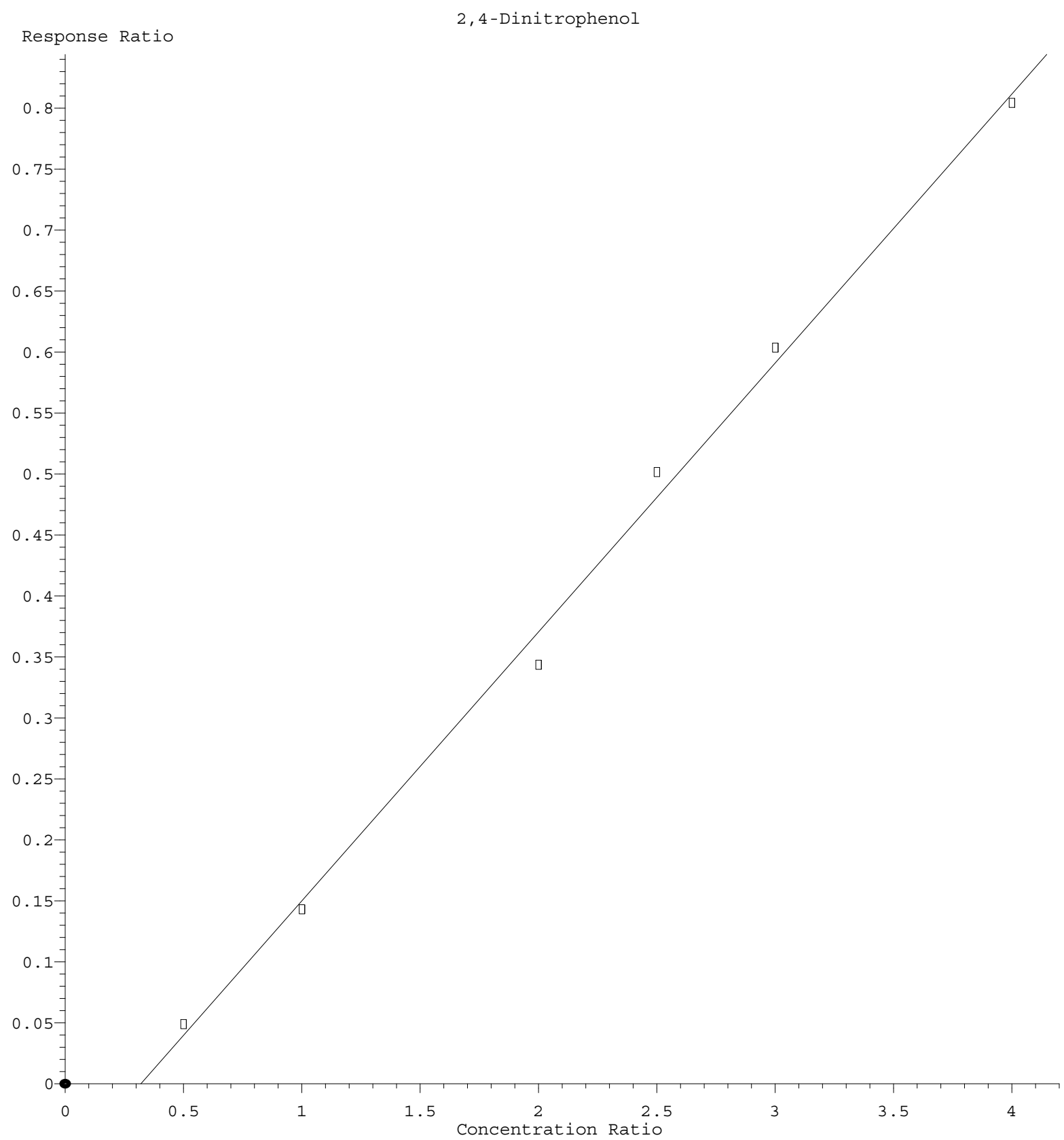
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP051325.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.341	1.357	1.447	1.424	1.608	1.549	1.494	1.460	6.70
88)		Benzo(b)fluora...	1.028	1.070	1.152	1.103	1.288	1.184	1.189	1.145	7.58
89)		Benzo(k)fluora...	1.147	1.106	1.182	1.140	1.258	1.238	1.185	1.180	4.59
90)	C	Benzo(a)pyrene	0.995	1.001	1.112	1.064	1.221	1.167	1.136	1.099	7.68
91)		Dibenzo(a,h)an...	1.068	1.066	1.186	1.167	1.321	1.271	1.236	1.188	8.18
92)		Benzo(g,h,i)pe...	1.101	1.106	1.167	1.147	1.294	1.242	1.212	1.181	6.07

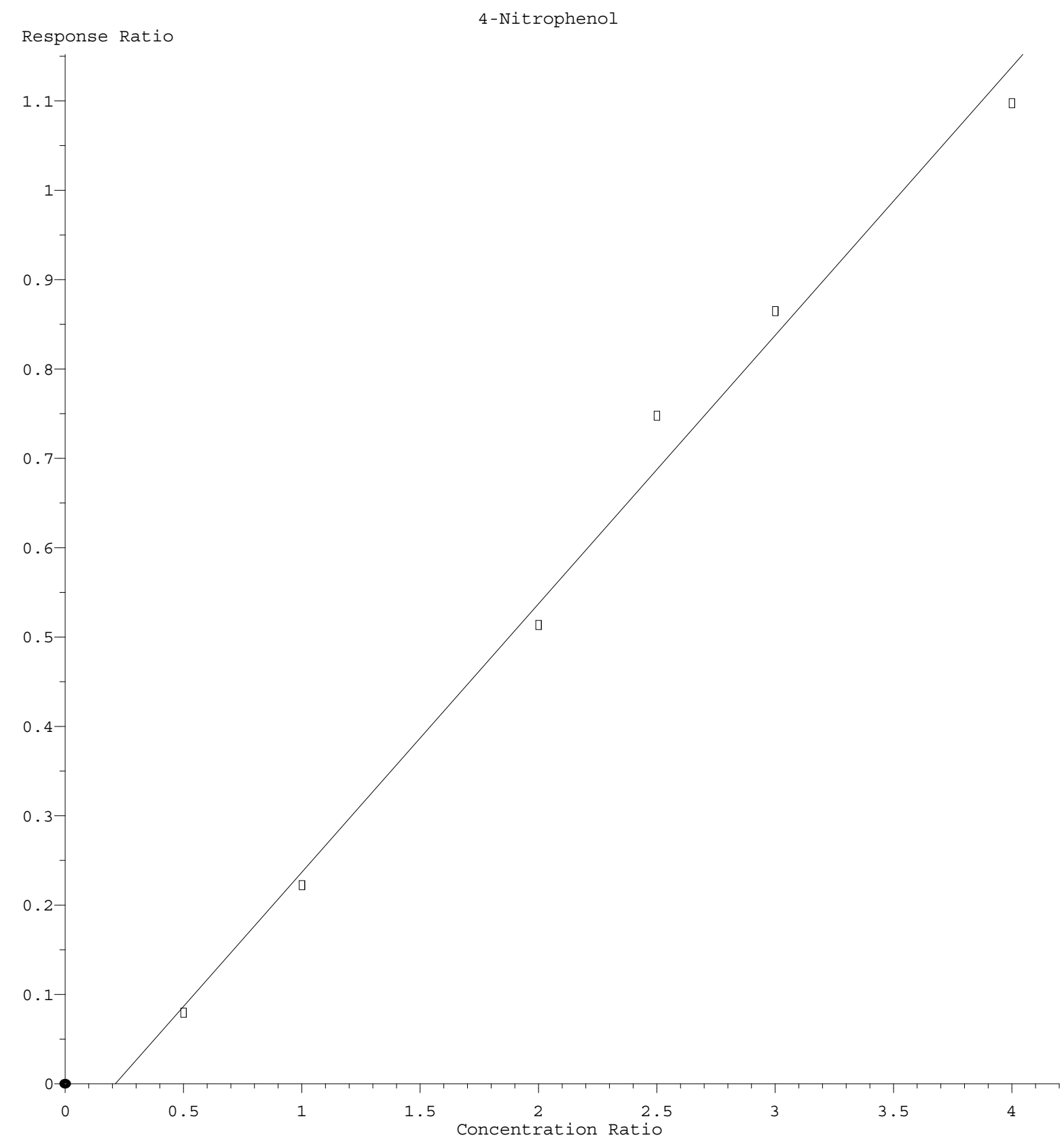
(#) = Out of Range



Response = 2.481e-001 * Amt - 9.265e-002
Coef of Det (r^2) = 0.998338 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP051325.M
Calibration Table Last Updated: Tue May 13 16:21:39 2025



Response = 2.207e-001 * Amt - 7.063e-002
Coef of Det (r^2) = 0.996311 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP051325.M
Calibration Table Last Updated: Tue May 13 16:21:39 2025



Response = 3.005e-001 * Amt - 6.362e-002
Coef of Det (r^2) = 0.991009 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP051325.M
Calibration Table Last Updated: Tue May 13 16:21:39 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024614.D
Acq On : 13 May 2025 10:41
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: May 13 16:01:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	105461	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	434352	20.00	ng	0.00
39) Acenaphthene-d10	14.287	164	287970	20.00	ng	-0.02
64) Phenanthrene-d10	17.092	188	596044	20.00	ng	0.00
76) Chrysene-d12	21.516	240	663028	20.00	ng	0.00
86) Perylene-d12	24.780	264	769627	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.00	ng	
7) Phenol-d6	0.000	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.00	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.00	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng	
79) Terphenyl-d14	0.000	244	0d	0.00	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.458	70	11601	2.13	ng	96

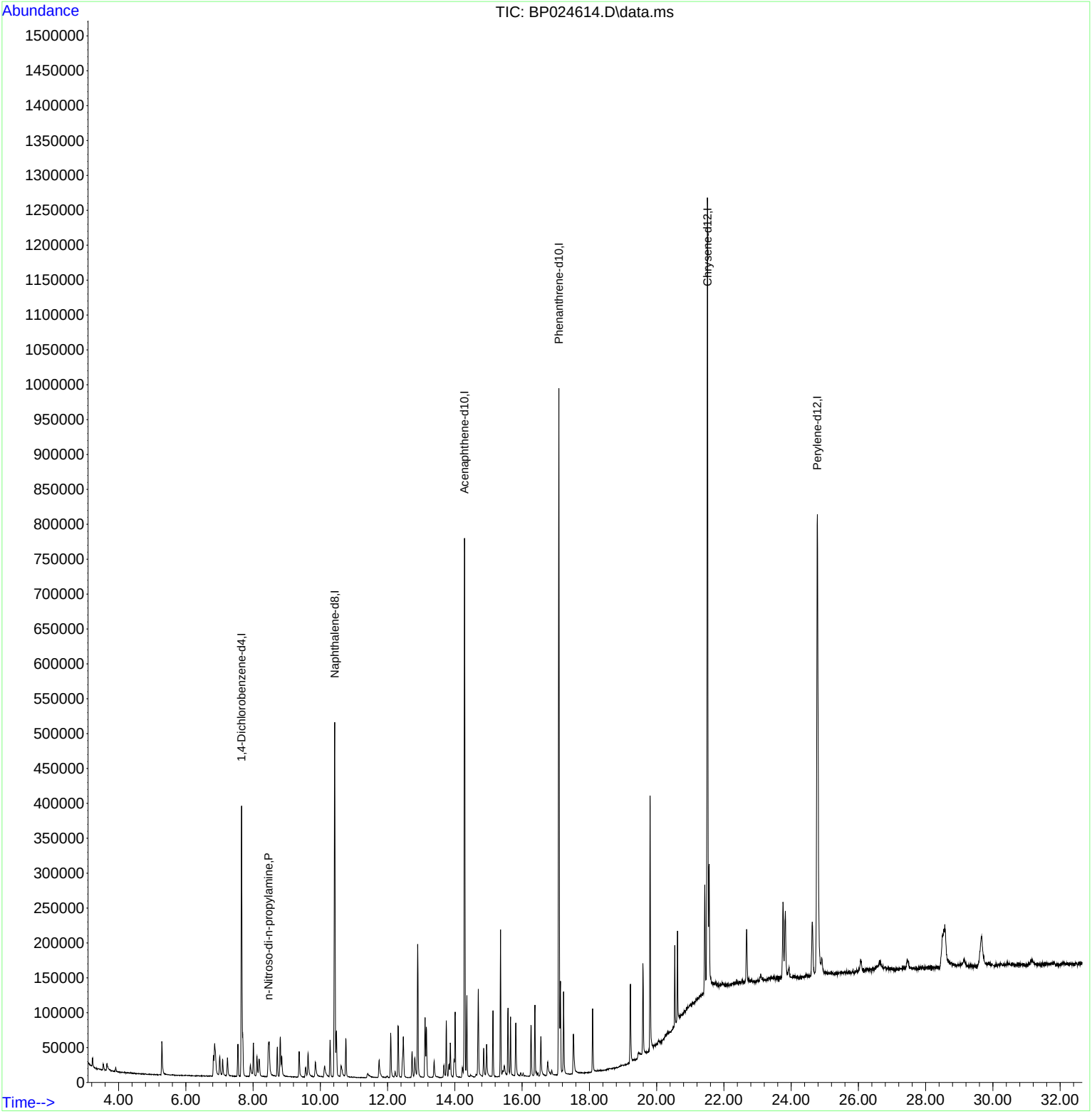
(#) = qualifier out of range (m) = manual integration (+) = signals summed

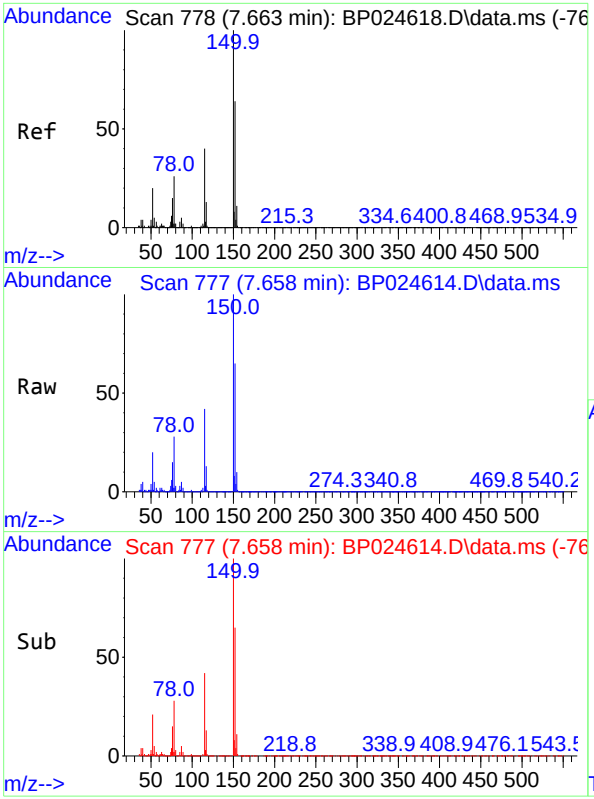
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024614.D
Acq On : 13 May 2025 10:41
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: May 13 16:01:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



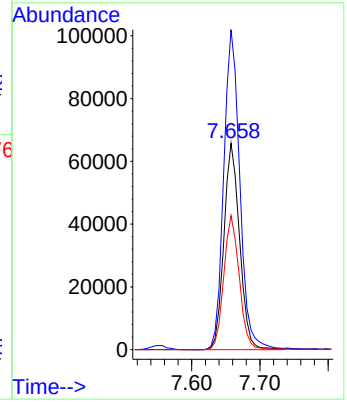


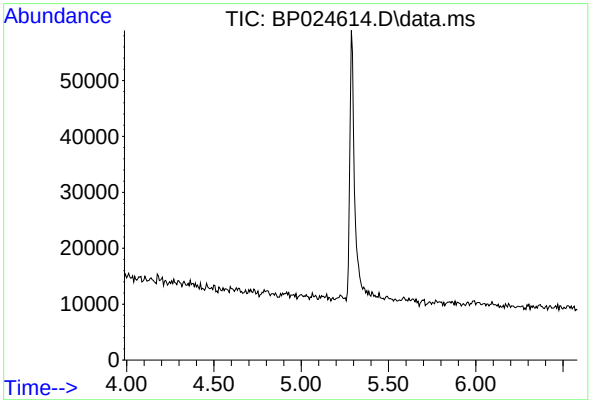
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.658 min Scan# 7
Delta R.T. -0.005 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 105461

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.9	188.9
115	65.0	50.1	75.1



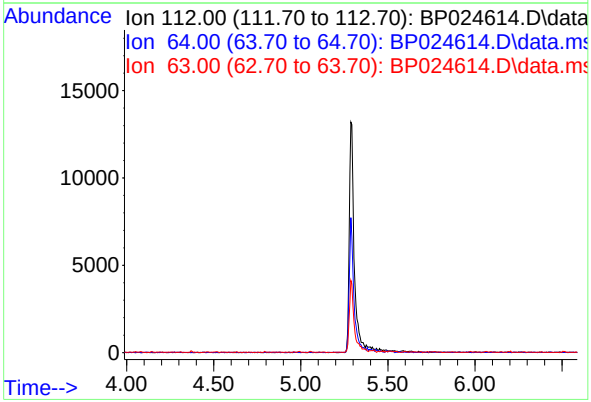


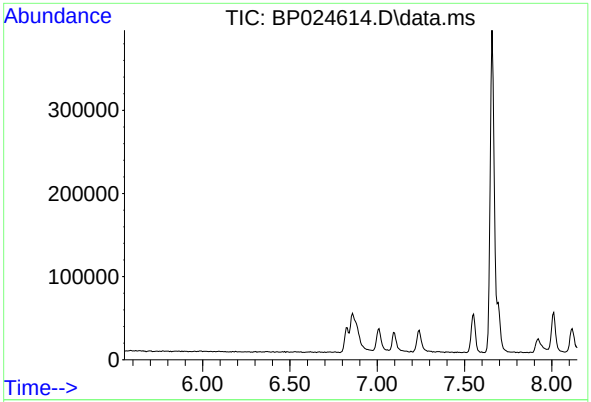
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.29 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.1
63	29.4





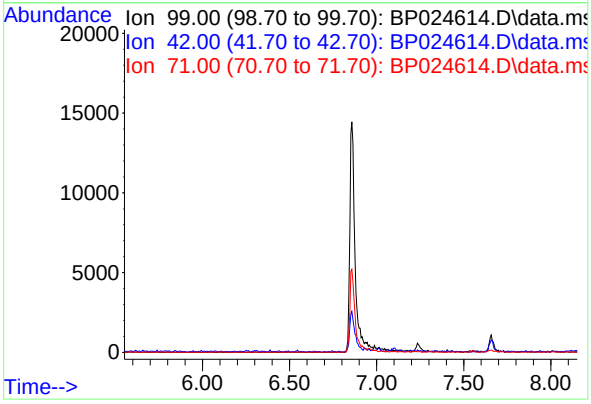
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.85 min

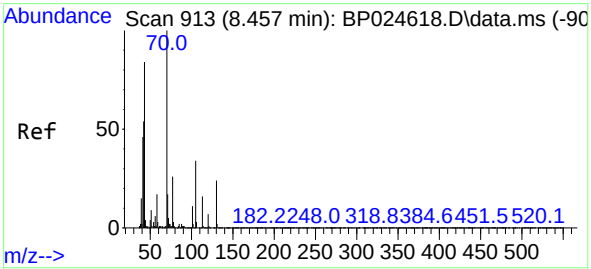
Lab File: BP024614.D
Acq: 13 May 2025 10:41

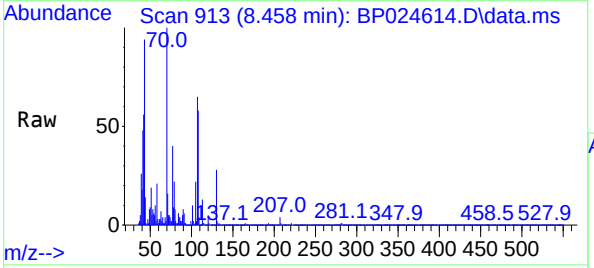
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

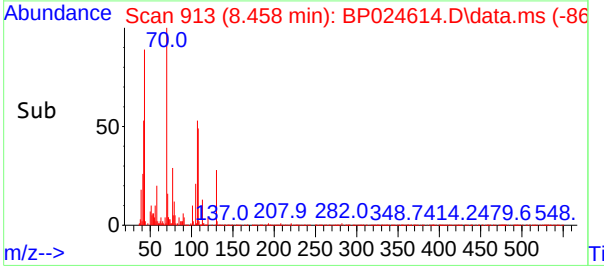
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	18.0
71	36.5





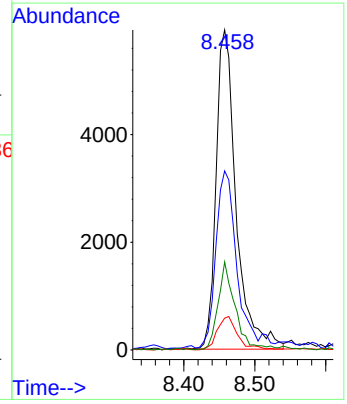


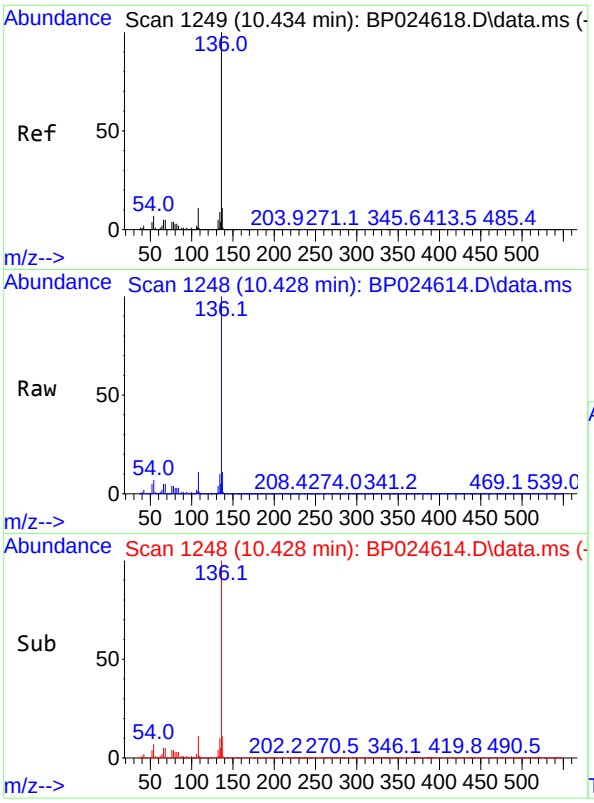


#19
n-Nitroso-di-n-propylamine
Concen: 2.13 ng
RT: 8.458 min Scan# 913
Delta R.T. 0.000 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 70 Resp: 11601

Ion	Ratio	Lower	Upper
70	100		
42	56.0	43.0	64.6
101	10.0	8.7	13.1
130	27.5	19.4	29.0



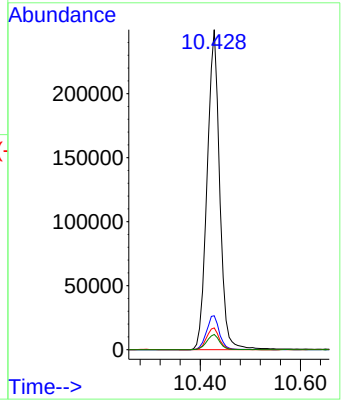


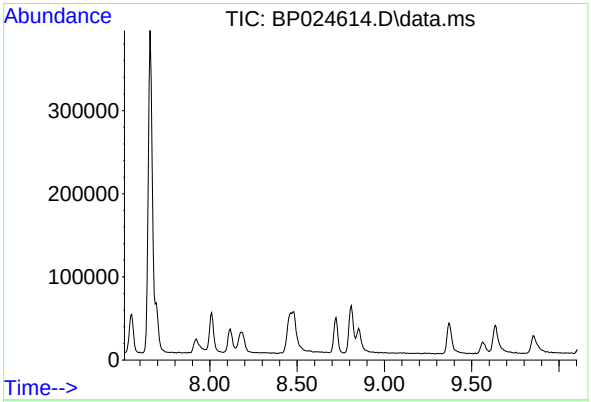
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 434352

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.5	8.3
68	4.7	4.2	6.2



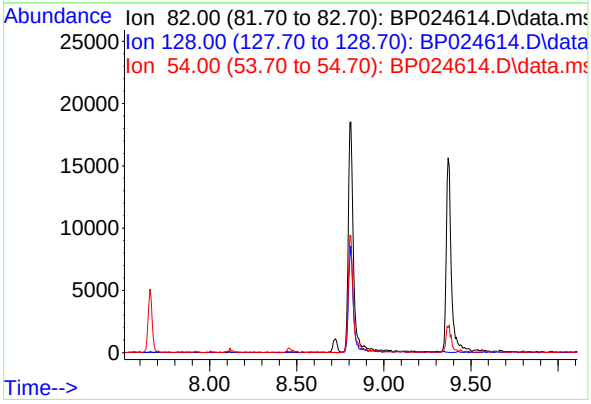


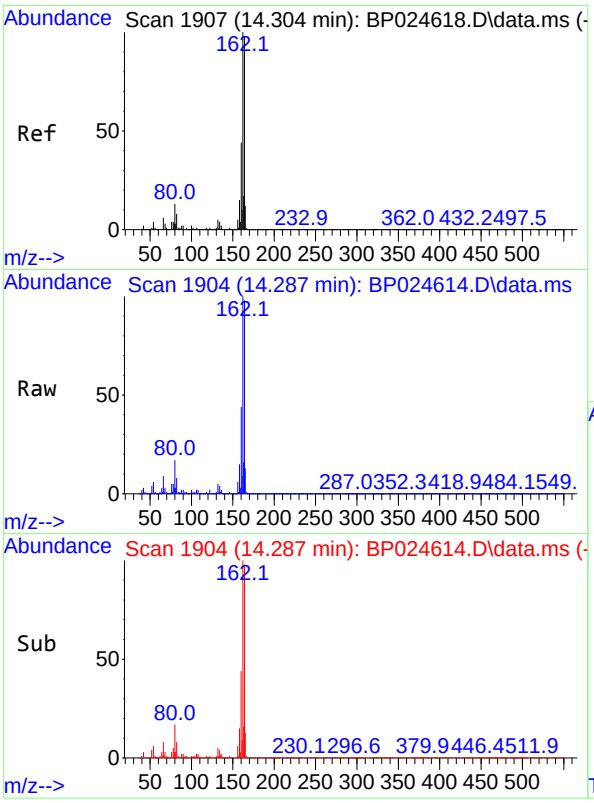
#23
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 8.81 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	46.2
54	48.4



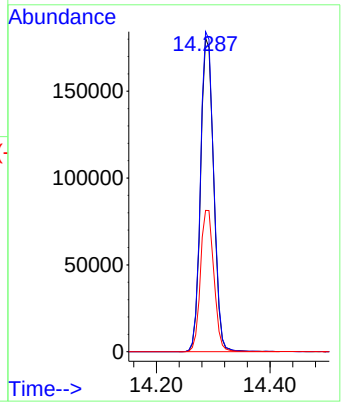


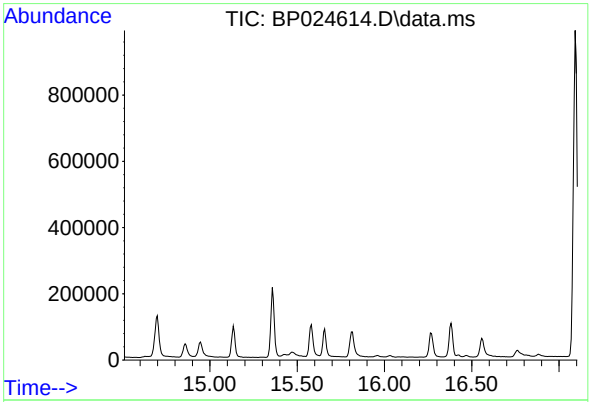
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.287 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 287970

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.8	122.6
160	45.1	36.3	54.5



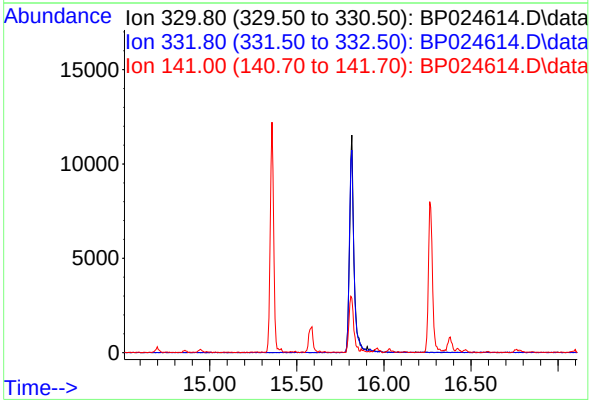


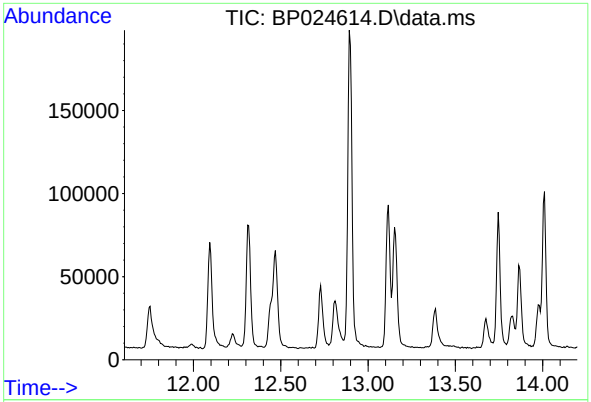
#42
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 15.81 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.8
141	30.4





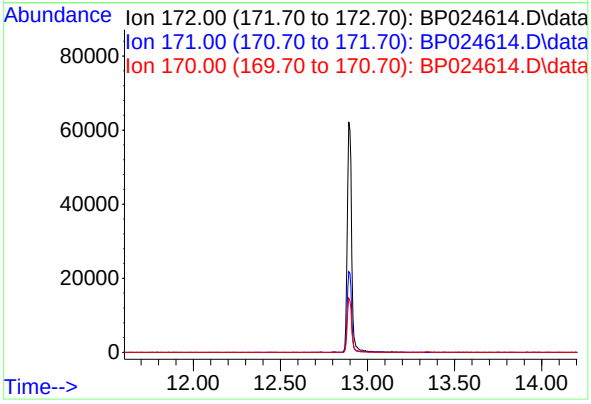
#45
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 12.90 min

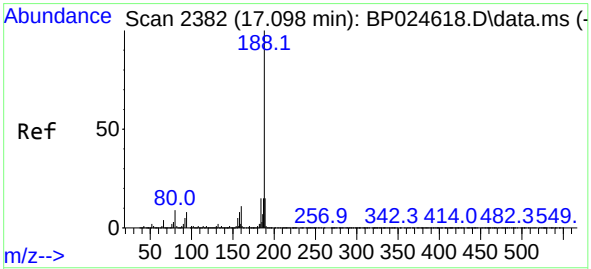
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	36.0
170	23.5

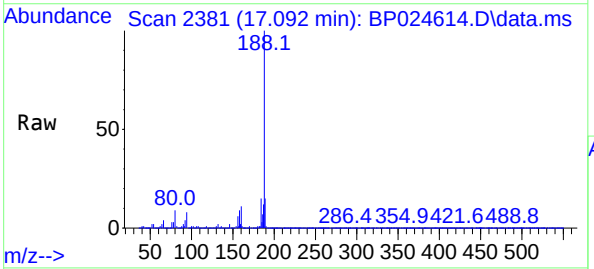


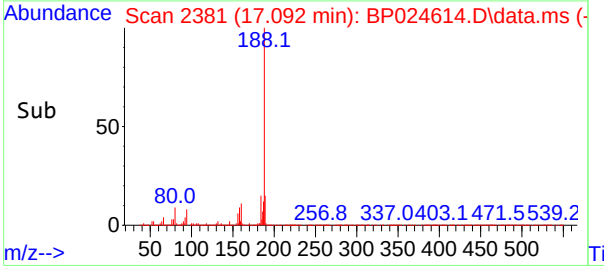


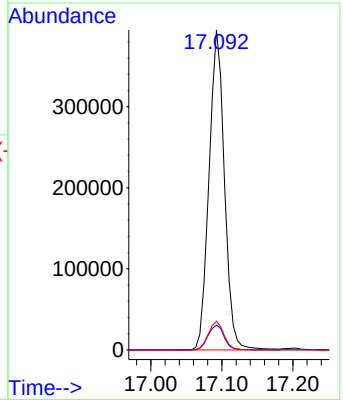
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

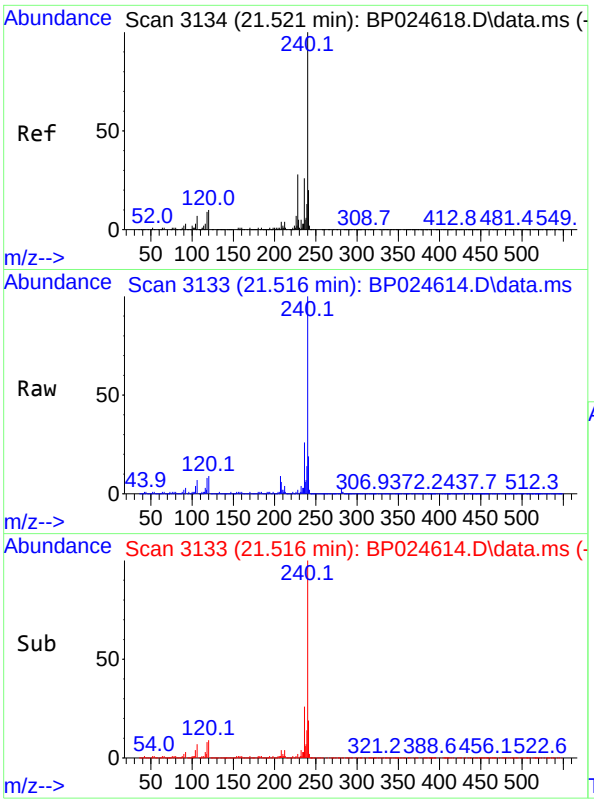
Tgt Ion:188 Resp: 596044

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.5	9.7
80	8.9	7.3	10.9







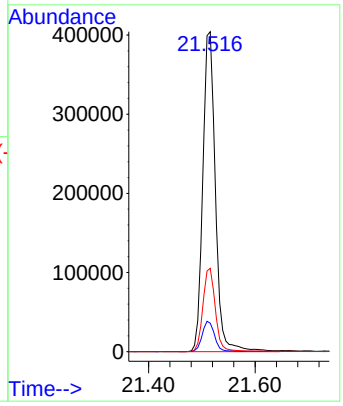


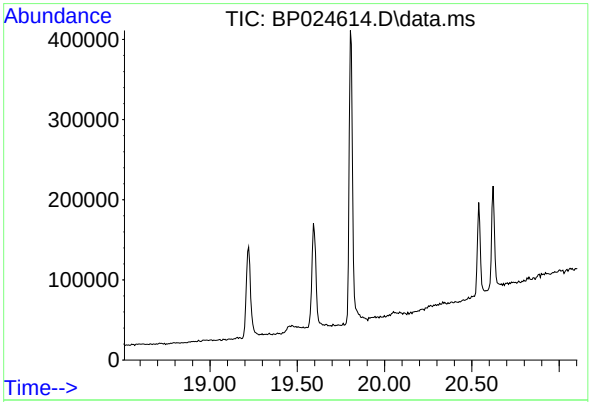
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 663028

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.8	11.6
236	26.1	20.6	31.0



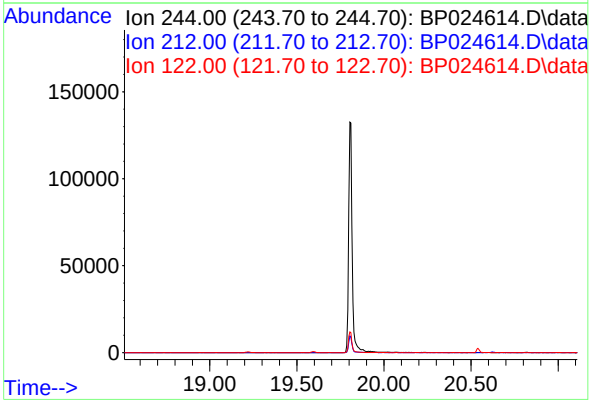


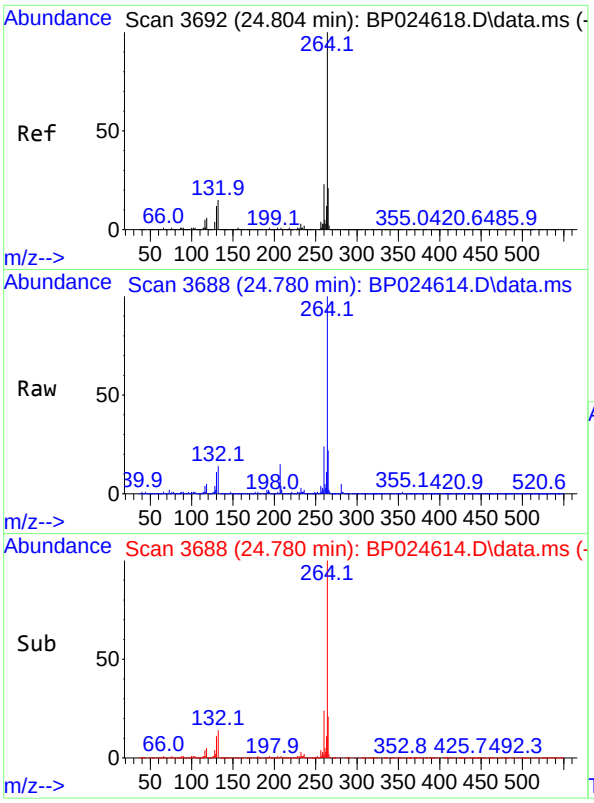
#79
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 19.81 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.9
122	9.2



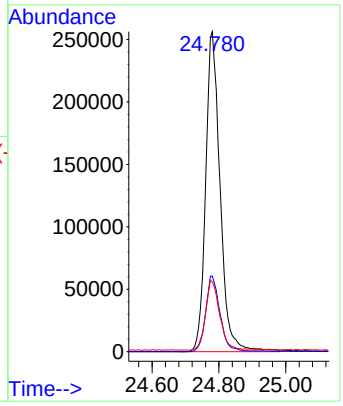


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.780 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 769627

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.8	17.0	25.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024615.D
Acq On : 13 May 2025 11:22
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: May 13 16:02:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.664	152	90088	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	378055	20.00	ng		0.00
39) Acenaphthene-d10	14.293	164	254561	20.00	ng		-0.01
64) Phenanthrene-d10	17.092	188	531548	20.00	ng		0.00
76) Chrysene-d12	21.522	240	614288	20.00	ng		0.00
86) Perylene-d12	24.810	264	724260	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	51093	9.70	ng		0.00
7) Phenol-d6	6.858	99	58619	8.72	ng		0.00
23) Nitrobenzene-d5	8.811	82	72056	9.63	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	41219	9.55	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	203719	10.48	ng		0.00
79) Terphenyl-d14	19.822	244	366245	10.22	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	14435	5.84	ng		95
3) Pyridine	3.646	79	23737	4.33	ng	#	91
4) n-Nitrosodimethylamine	3.546	42	12080	4.99	ng	#	96
6) Aniline	7.011	93	38664	4.45	ng		97
8) 2-Chlorophenol	7.240	128	27022	4.52	ng		93
9) Benzaldehyde	6.828	77	22328m	5.14	ng		
10) Phenol	6.887	94	30912	4.46	ng		98
11) bis(2-Chloroethyl)ether	7.099	93	29668	5.20	ng		97
12) 1,3-Dichlorobenzene	7.552	146	35946	5.23	ng		96
13) 1,4-Dichlorobenzene	7.699	146	35091	5.07	ng		95
14) 1,2-Dichlorobenzene	8.011	146	34458	5.11	ng		99
15) Benzyl Alcohol	7.917	79	19888	3.89	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.193	45	34754	5.09	ng		95
17) 2-Methylphenol	8.116	107	21754	4.37	ng		97
18) Hexachloroethane	8.728	117	13650	5.15	ng		96
19) n-Nitroso-di-n-propyla...	8.464	70	22015	4.73	ng		98
20) 3+4-Methylphenols	8.452	107	27500	4.06	ng		97
22) Acetophenone	8.487	105	45968	4.87	ng	#	99
24) Nitrobenzene	8.852	77	31500	4.78	ng		97
25) Isophorone	9.375	82	60855	4.69	ng		98
26) 2-Nitrophenol	9.569	139	12786	3.96	ng		95
27) 2,4-Dimethylphenol	9.628	122	25830	4.54	ng		92
28) bis(2-Chloroethoxy)met...	9.858	93	38071	4.91	ng		97
29) 2,4-Dichlorophenol	10.122	162	23623	4.29	ng		97
30) 1,2,4-Trichlorobenzene	10.299	180	32699	5.26	ng		99
31) Naphthalene	10.481	128	100564	5.13	ng		100
33) 4-Chloroaniline	10.616	127	32908	4.16	ng		99
34) Hexachlorobutadiene	10.763	225	21834	5.43	ng		95
35) Caprolactam	11.399	113	7742m	3.88	ng		
36) 4-Chloro-3-methylphenol	11.746	107	29849	4.44	ng		95
37) 2-Methylnaphthalene	12.099	142	63562	5.01	ng		99
38) 1-Methylnaphthalene	12.316	142	70043	5.16	ng		100
40) 1,2,4,5-Tetrachloroben...	12.469	216	37738	5.11	ng		99
41) Hexachlorocyclopentadiene	12.446	237	15939	3.56	ng		93
43) 2,4,6-Trichlorophenol	12.722	196	19429	4.06	ng		92
44) 2,4,5-Trichlorophenol	12.816	196	23918	4.49	ng		93

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024615.D
Acq On : 13 May 2025 11:22
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: May 13 16:02:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

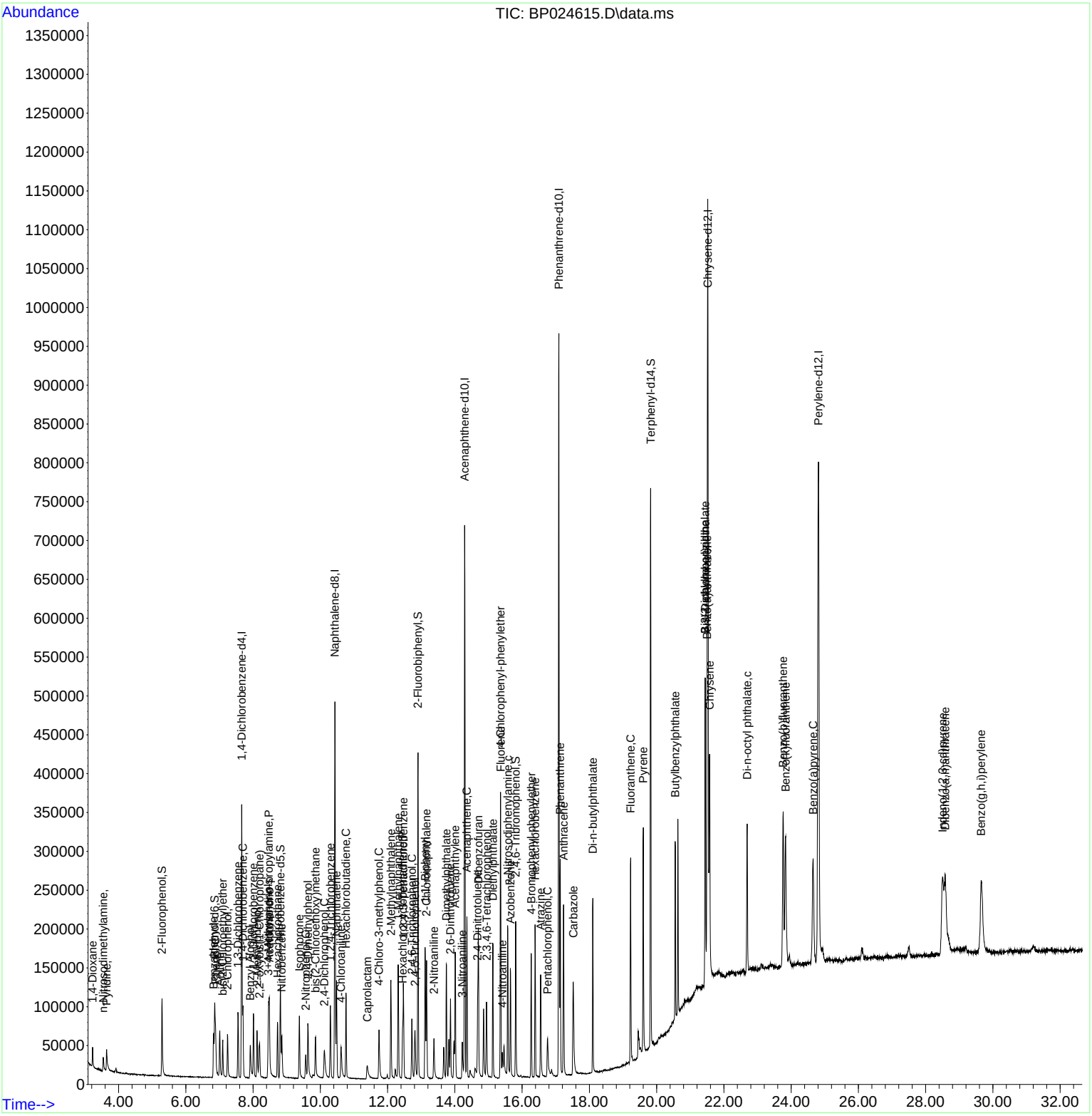
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.116	154	96956	5.15	ng		98
47) 2-Chloronaphthalene	13.157	162	72977	5.09	ng		99
48) 2-Nitroaniline	13.381	65	17778	4.19	ng		98
49) Acenaphthylene	14.010	152	117448	4.89	ng		99
50) Dimethylphthalate	13.751	163	99940	5.15	ng		100
51) 2,6-Dinitrotoluene	13.869	165	19052	4.65	ng	#	85
52) Acenaphthene	14.357	154	70302	5.09	ng		96
53) 3-Nitroaniline	14.222	138	16400	3.92	ng		97
55) Dibenzofuran	14.698	168	115180	5.23	ng		98
57) 2,4-Dinitrotoluene	14.675	165	25481	4.41	ng		92
58) Fluorene	15.363	166	93303	5.20	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.946	232	23382	4.73	ng		98
60) Diethylphthalate	15.134	149	101366	5.17	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	47886	5.35	ng		98
62) 4-Nitroaniline	15.410	138	14482m	3.55	ng		
63) Azobenzene	15.651	77	84462	5.03	ng		99
66) n-Nitrosodiphenylamine	15.575	169	80078	4.90	ng		99
67) 4-Bromophenyl-phenylether	16.275	248	30702	4.90	ng		97
68) Hexachlorobenzene	16.387	284	40234	5.06	ng		99
69) Atrazine	16.551	200	27909	4.66	ng		98
70) Pentachlorophenol	16.757	266	16456	3.68	ng		95
71) Phenanthrene	17.134	178	152030	5.14	ng		99
72) Anthracene	17.234	178	145809	4.90	ng		99
73) Carbazole	17.522	167	122666	4.56	ng		98
74) Di-n-butylphthalate	18.104	149	157014	4.54	ng		99
75) Fluoranthene	19.228	202	168865	4.89	ng		99
78) Pyrene	19.604	202	181817	4.94	ng		99
80) Butylbenzylphthalate	20.551	149	70341	4.30	ng		100
81) Benzo(a)anthracene	21.498	228	192110	4.98	ng		99
82) 3,3'-Dichlorobenzidine	21.445	252	54793	3.82	ng		99
83) Chrysene	21.575	228	186449	5.10	ng		99
84) Bis(2-ethylhexyl)phtha...	21.445	149	103286	4.29	ng		97
85) Di-n-octyl phthalate	22.692	149	160883	4.09	ng		99
87) Indeno(1,2,3-cd)pyrene	28.504	276	242814	4.59	ng	#	87
88) Benzo(b)fluoranthene	23.763	252	186058	4.49	ng		97
89) Benzo(k)fluoranthene	23.839	252	207645	4.86	ng		100
90) Benzo(a)pyrene	24.657	252	180157	4.52	ng		99
91) Dibenzo(a,h)anthracene	28.586	278	193373	4.50	ng		98
92) Benzo(g,h,i)perylene	29.651	276	199361	4.66	ng		98

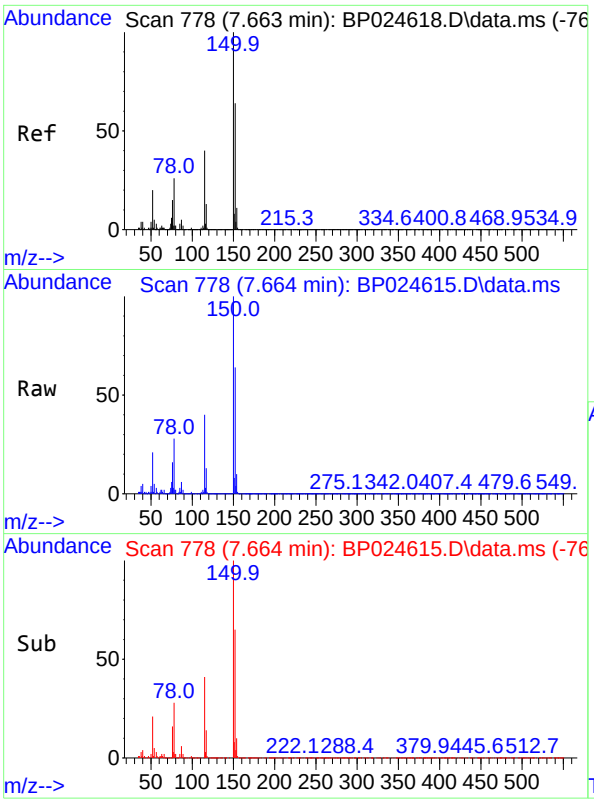
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024615.D
Acq On : 13 May 2025 11:22
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: May 13 16:02:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



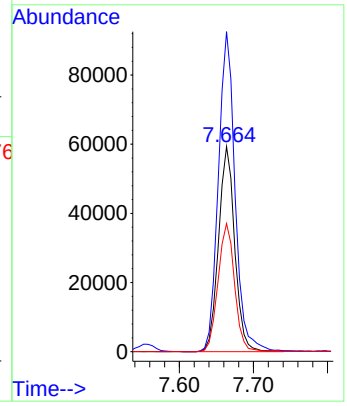


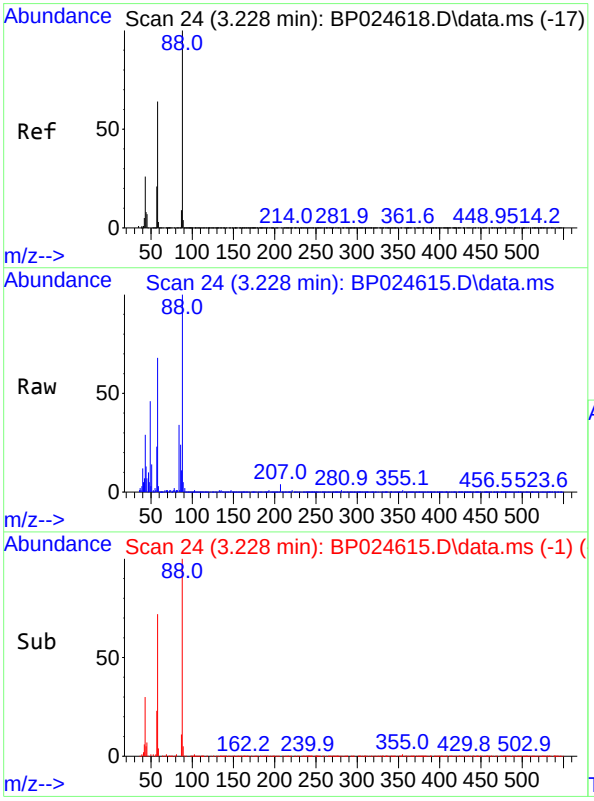
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.664 min Scan# 7
Delta R.T. 0.001 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 90088

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.9	188.9
115	62.5	50.1	75.1

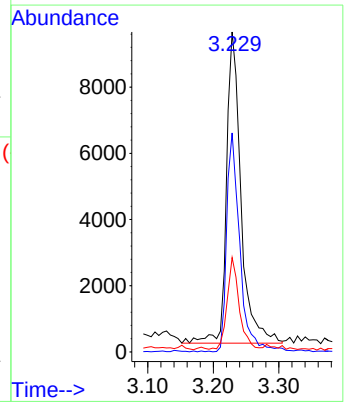


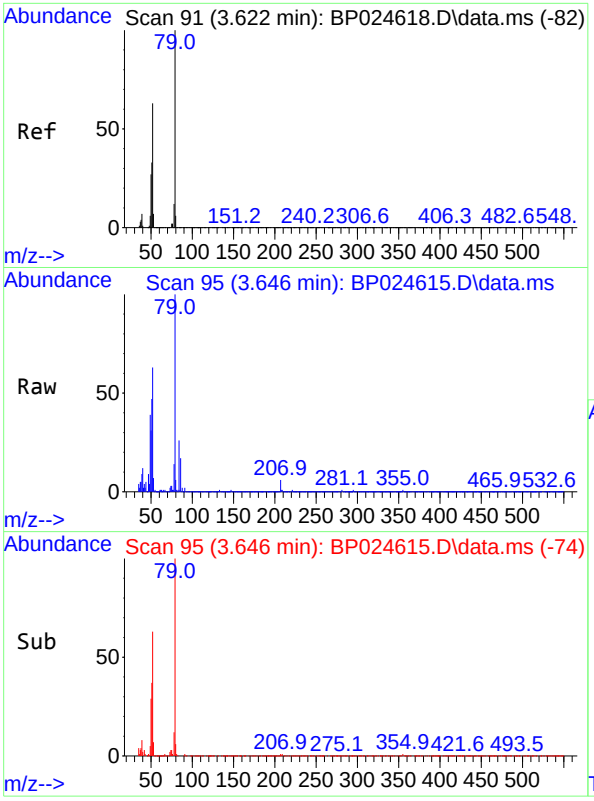


#2
1,4-Dioxane
Concen: 5.84 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 88 Resp: 14435

Ion	Ratio	Lower	Upper
88	100		
58	63.6	54.0	81.0
43	24.2	21.4	32.0



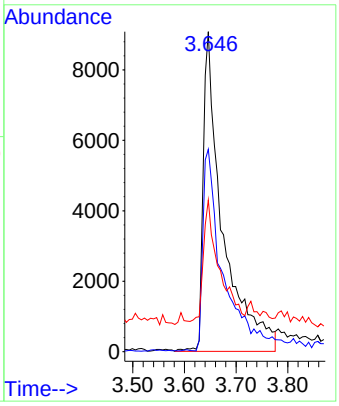


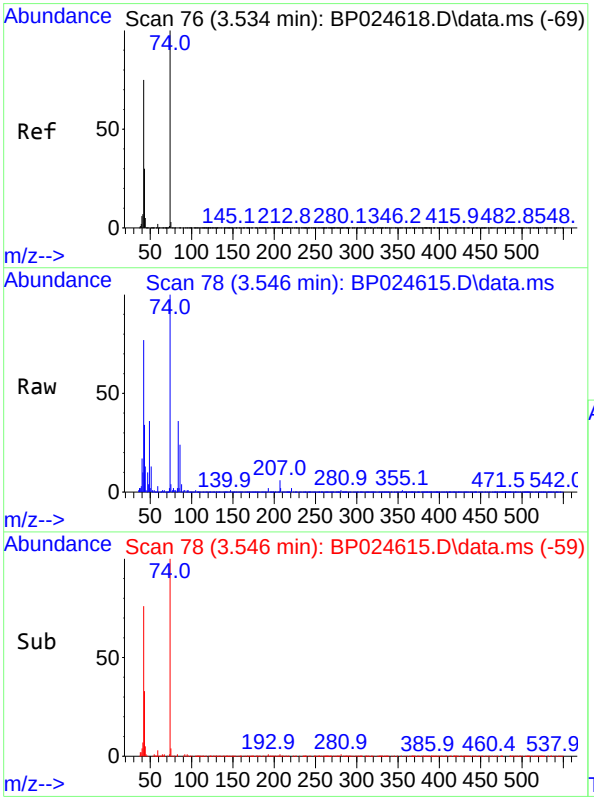
#3
Pyridine
Concen: 4.33 ng
RT: 3.646 min Scan# 9
Delta R.T. 0.024 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 23737

Ion	Ratio	Lower	Upper
79	100		
52	63.2	50.2	75.2
51	47.4	26.8	40.2#

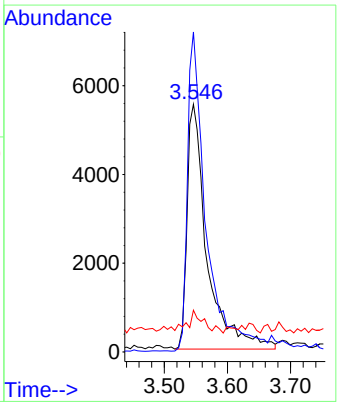


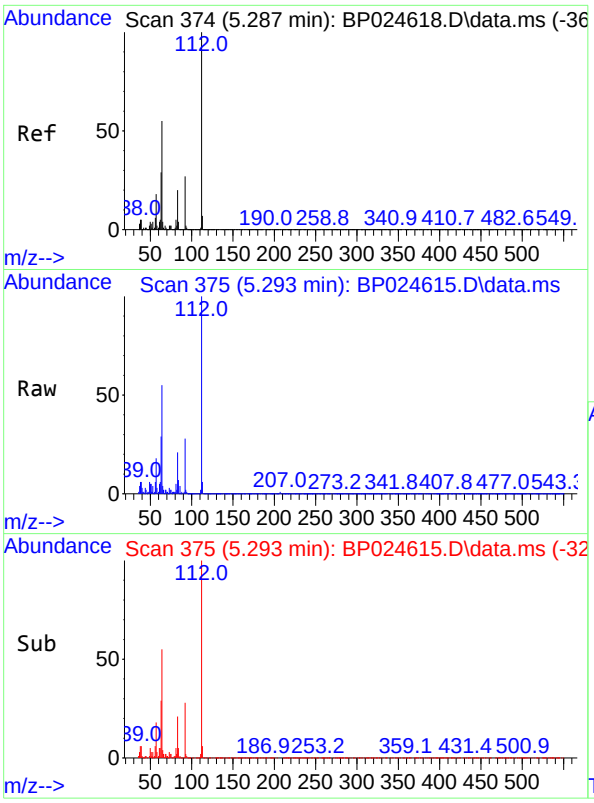


#4
n-Nitrosodimethylamine
Concen: 4.99 ng
RT: 3.546 min Scan# 78
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 42 Resp: 12080

Ion	Ratio	Lower	Upper
42	100		
74	129.2	106.2	159.2
44	16.9	5.4	8.2#



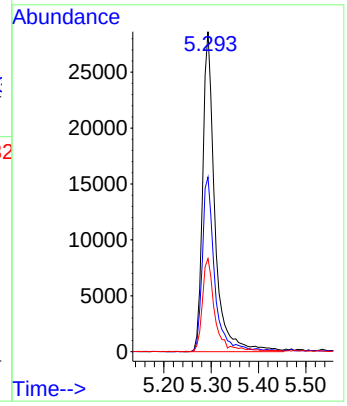


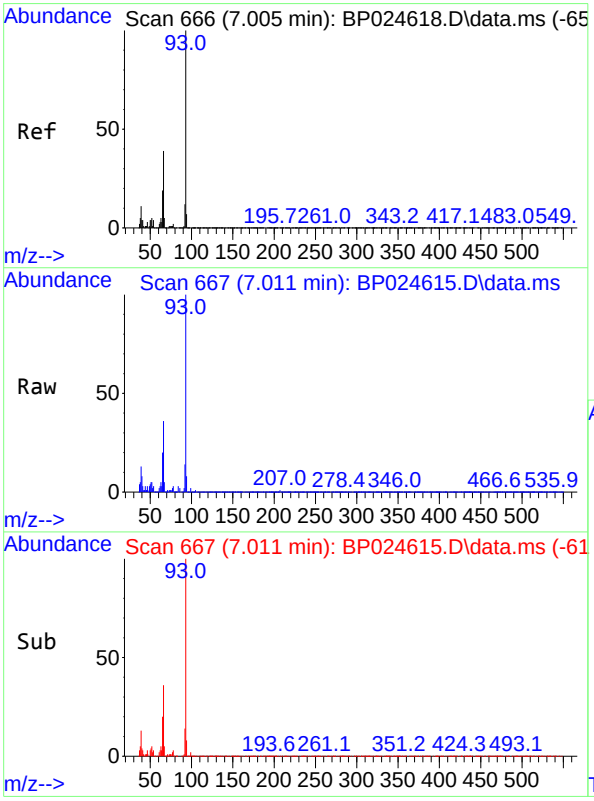
#5
2-Fluorophenol
Concen: 9.70 ng
RT: 5.293 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 51093

Ion	Ratio	Lower	Upper
112	100		
64	54.6	44.1	66.1
63	29.1	23.5	35.3

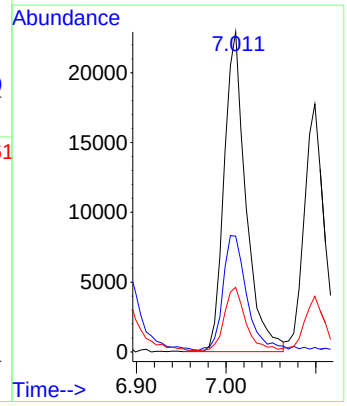


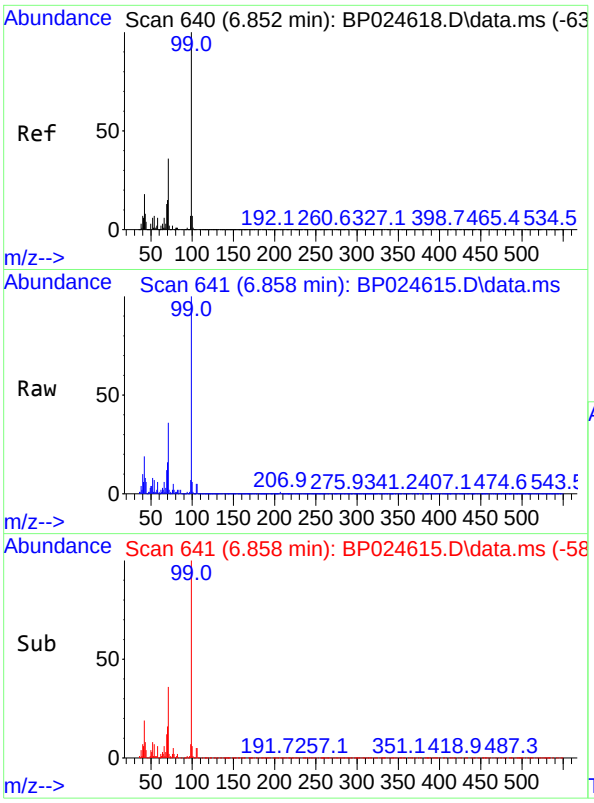


#6
Aniline
Concen: 4.45 ng
RT: 7.011 min Scan# 667
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 93 Resp: 38664

Ion	Ratio	Lower	Upper
93	100		
66	36.2	31.0	46.6
65	20.2	15.5	23.3



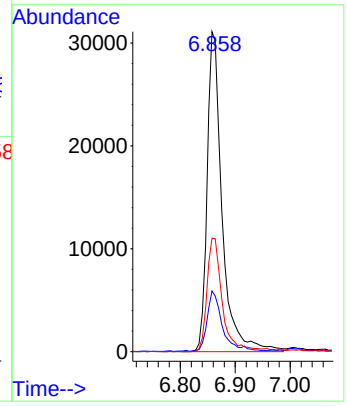


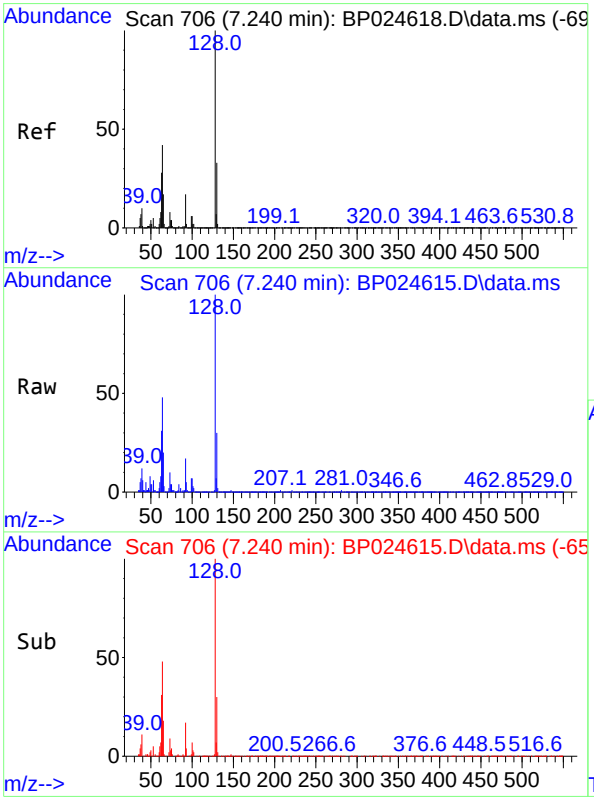
#7
Phenol-d6
Concen: 8.72 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 58619

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.4	21.6
71	35.5	29.2	43.8

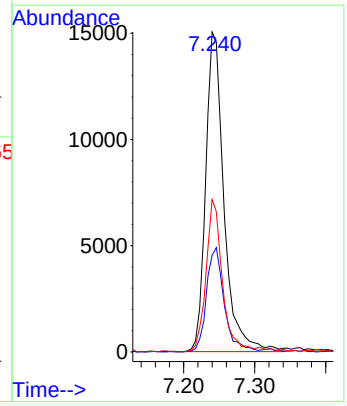


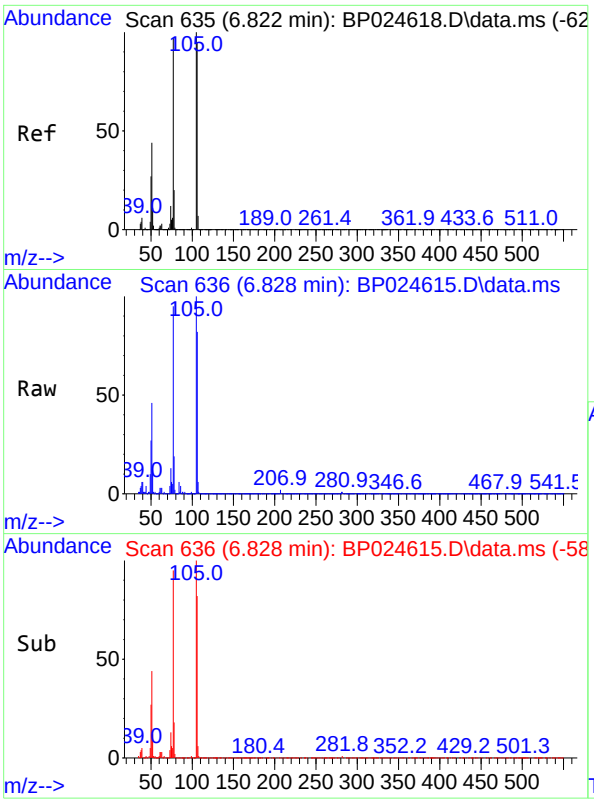


#8
2-Chlorophenol
Concen: 4.52 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:128 Resp: 27022

Ion	Ratio	Lower	Upper
128	100		
130	30.3	13.0	53.0
64	47.6	22.3	62.3



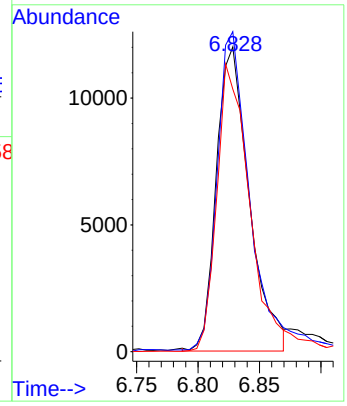


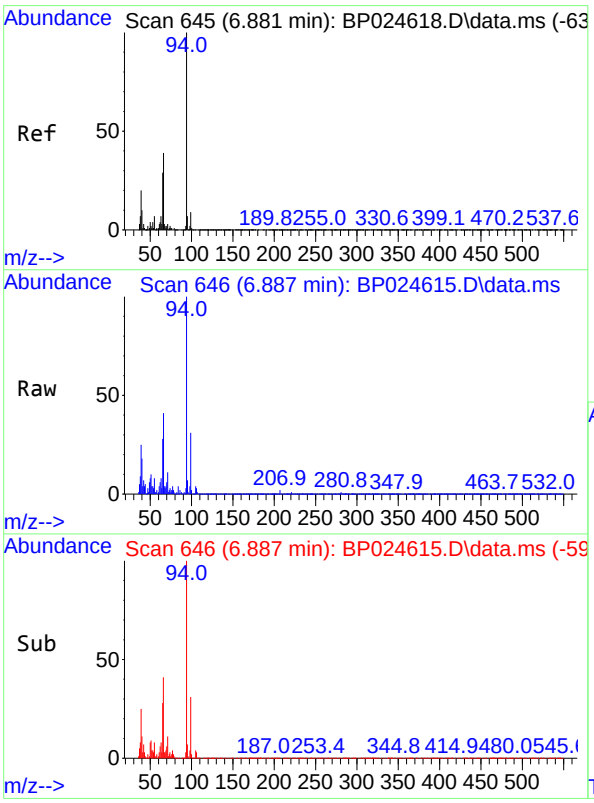
#9
Benzaldehyde
Concen: 5.14 ng m
RT: 6.828 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 22328

Ion	Ratio	Lower	Upper
77	100		
105	105.0	83.3	123.3
106	86.1	78.0	118.0

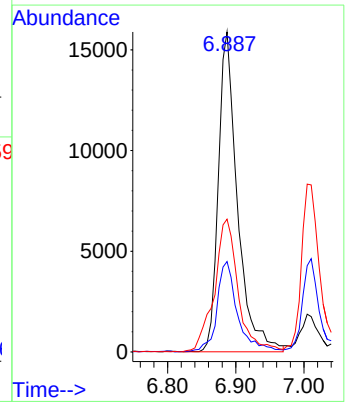


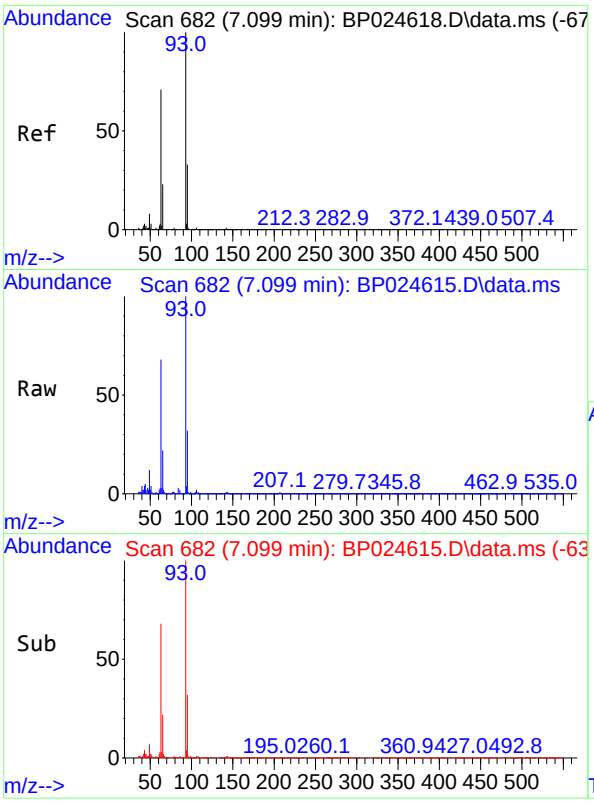


#10
Phenol
Concen: 4.46 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 94 Resp: 30912

Ion	Ratio	Lower	Upper
94	100		
65	28.2	8.7	48.7
66	41.5	19.4	59.4



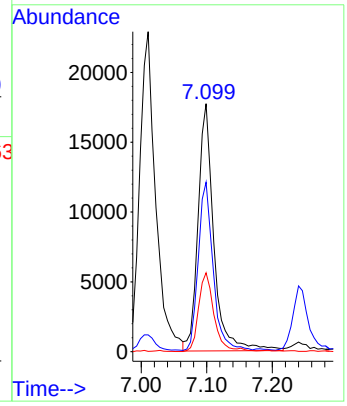


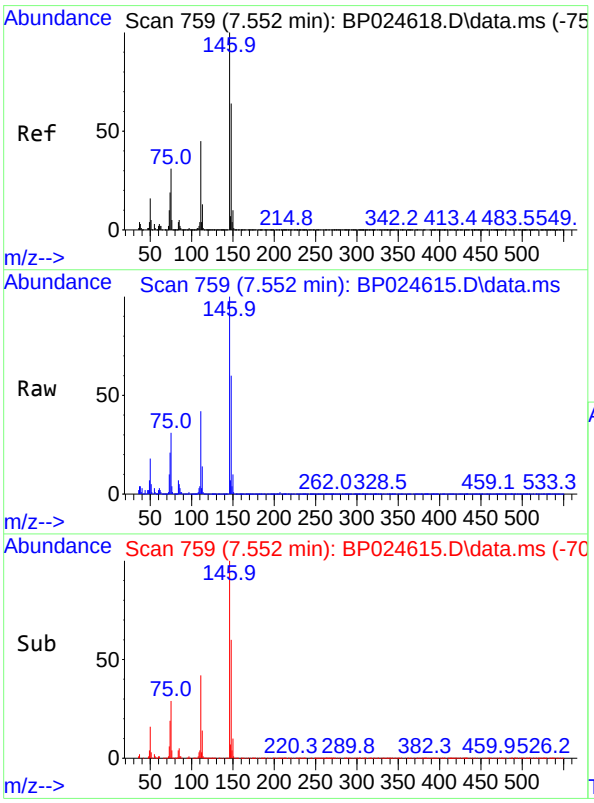
#11
bis(2-Chloroethyl)ether
Concen: 5.20 ng
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 29668

Ion	Ratio	Lower	Upper
93	100		
63	68.3	50.6	90.6
95	31.8	12.9	52.9

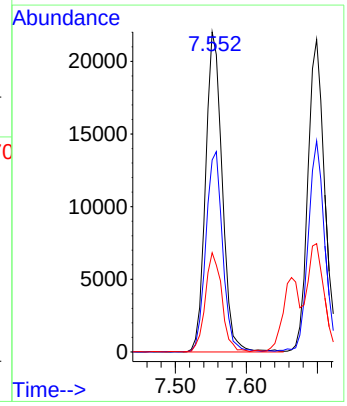


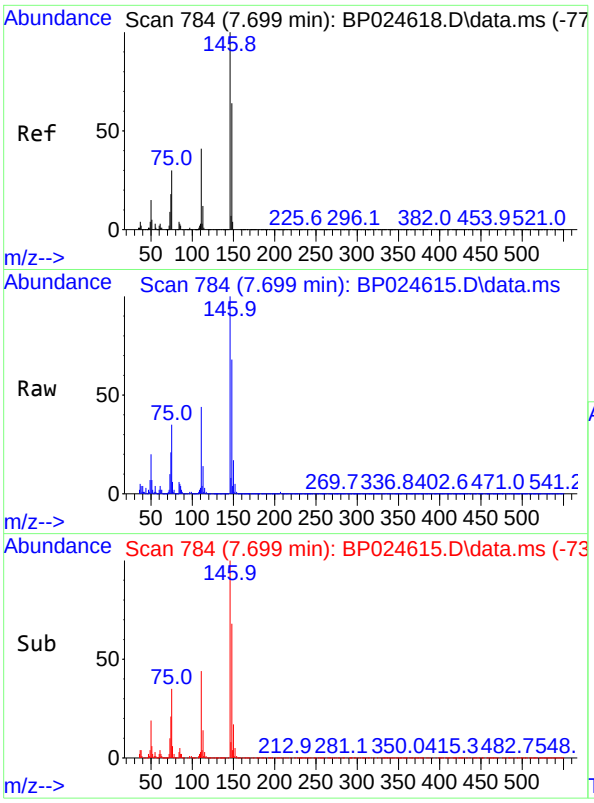


#12
1,3-Dichlorobenzene
Concen: 5.23 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:146 Resp: 35946

Ion	Ratio	Lower	Upper
146	100		
148	60.0	51.4	77.2
75	31.0	25.2	37.8



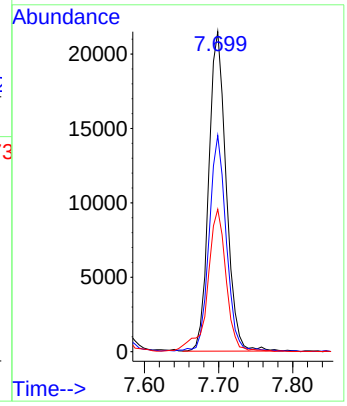


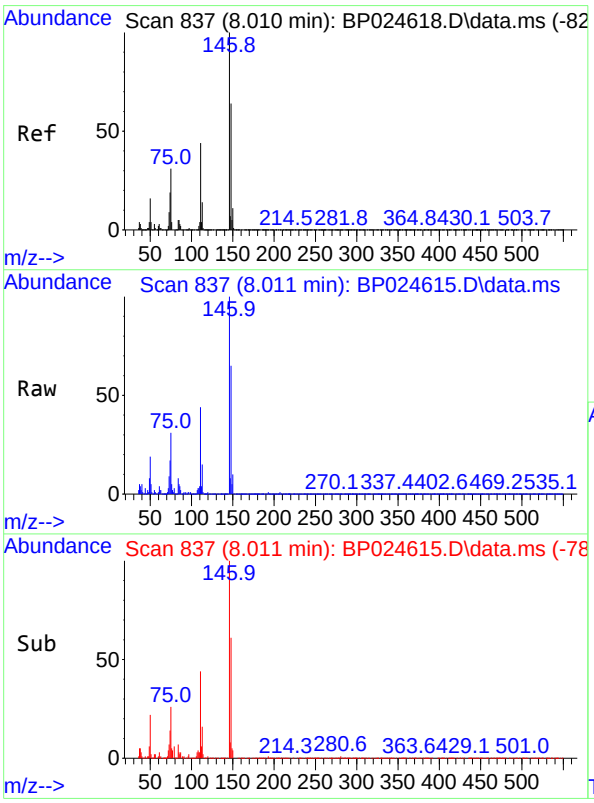
#13
1,4-Dichlorobenzene
Concen: 5.07 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 35091

Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.0	76.6
111	44.5	33.0	49.6

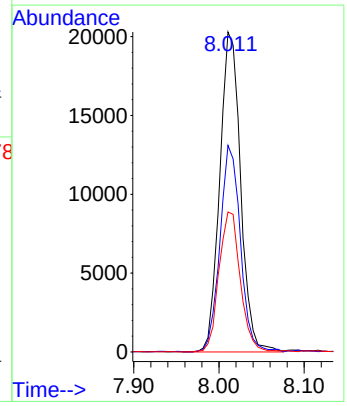


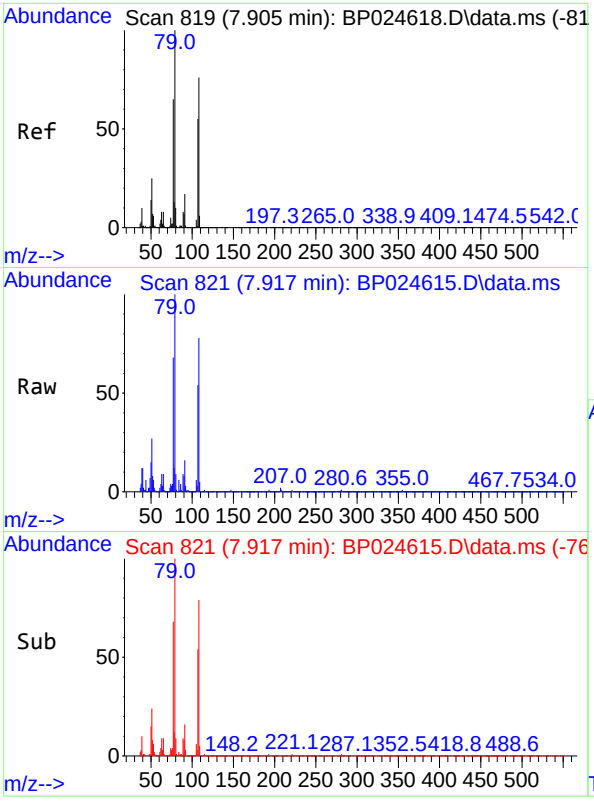


#14
1,2-Dichlorobenzene
Concen: 5.11 ng
RT: 8.011 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:146 Resp: 34458

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.4
111	43.7	35.2	52.8



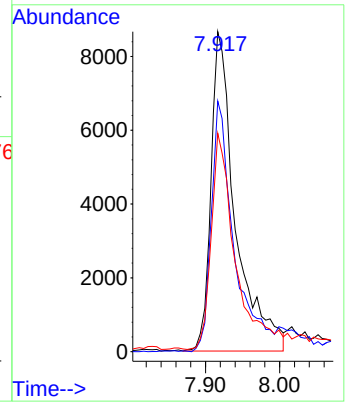


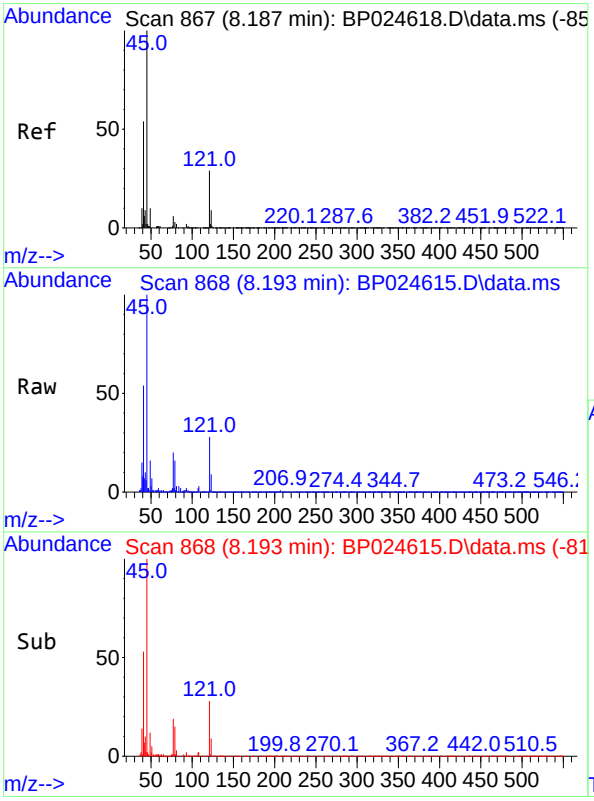
#15
Benzyl Alcohol
Concen: 3.89 ng
RT: 7.917 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 19888

Ion	Ratio	Lower	Upper
79	100		
108	78.3	60.8	91.2
77	68.2	51.9	77.9

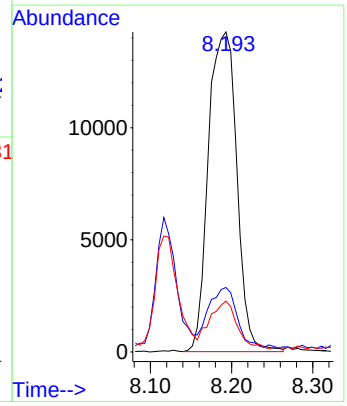


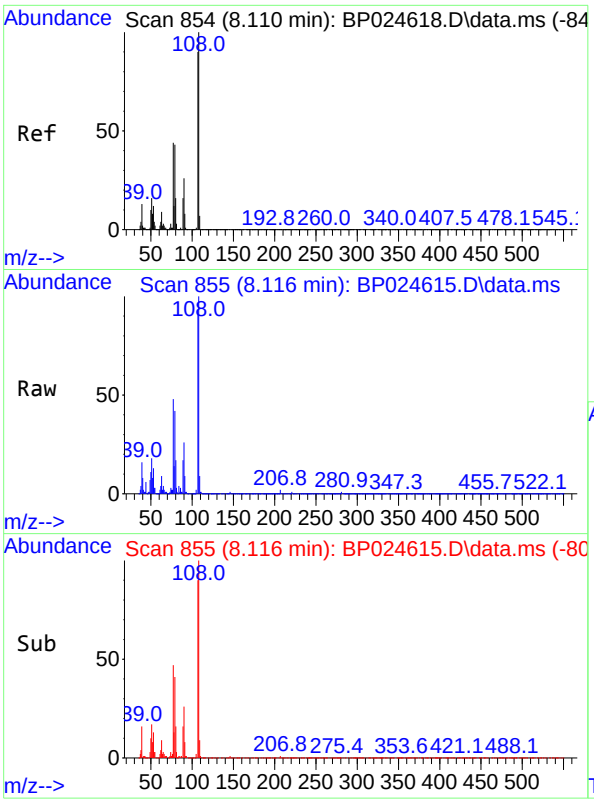


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.09 ng
RT: 8.193 min Scan# 868
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 45 Resp: 34754

Ion	Ratio	Lower	Upper
45	100		
77	20.2	0.0	37.7
79	15.9	0.0	34.0



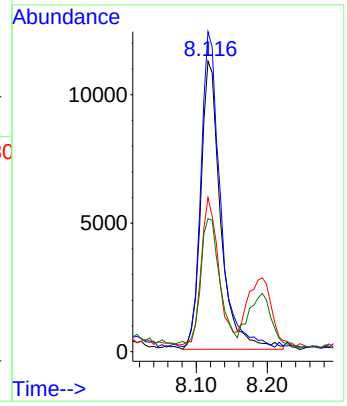


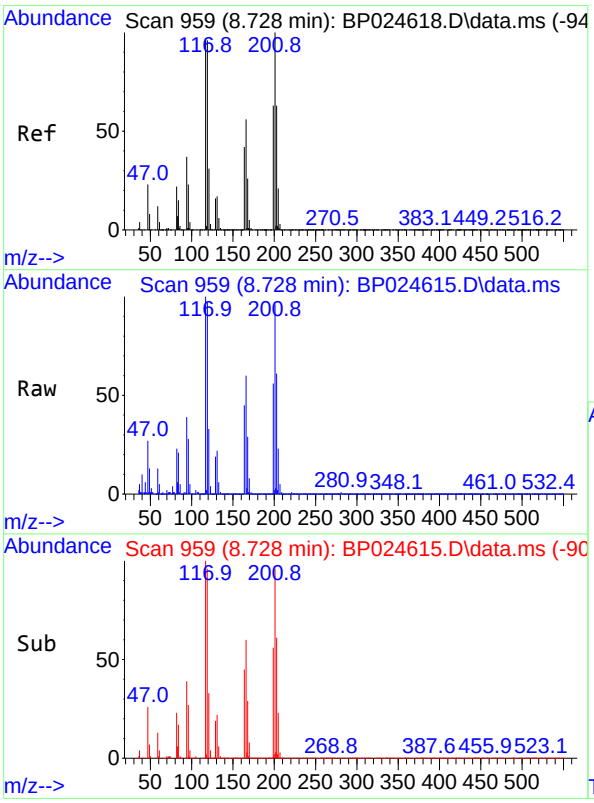
#17
2-Methylphenol
Concen: 4.37 ng
RT: 8.116 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 21754

Ion	Ratio	Lower	Upper
107	100		
108	110.2	88.9	133.3
77	53.0	39.0	58.6
79	45.8	38.4	57.6

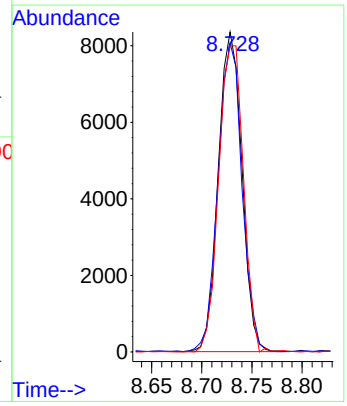


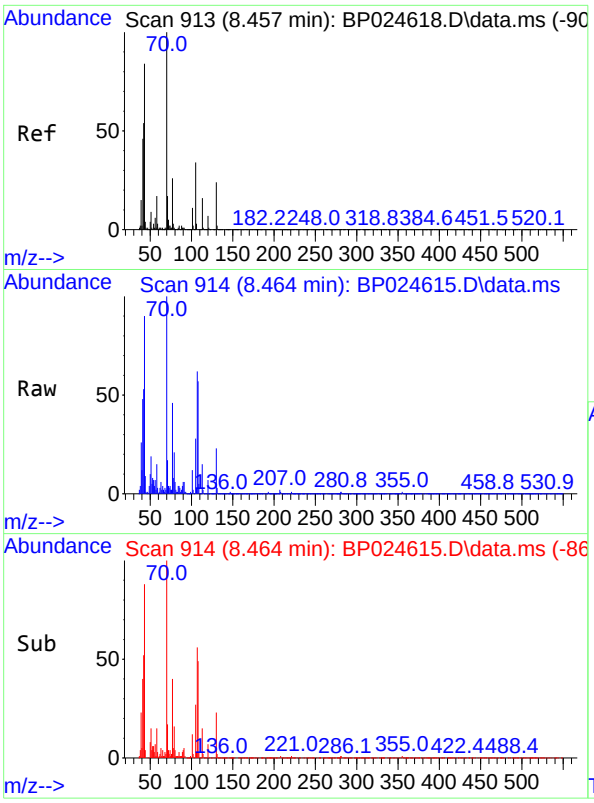


#18
Hexachloroethane
Concen: 5.15 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:117 Resp: 13650

Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.4	119.0
201	98.3	82.7	124.1



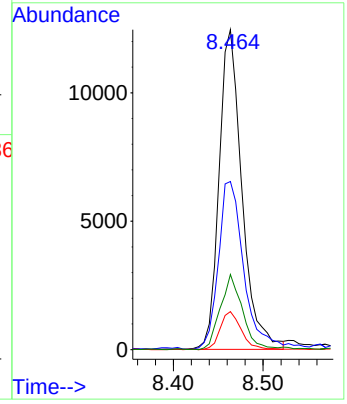


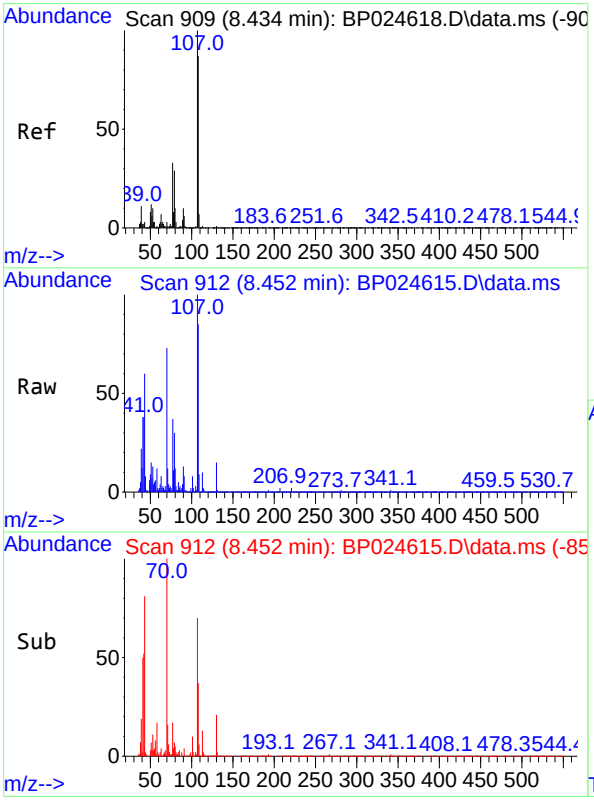
#19
n-Nitroso-di-n-propylamine
Concen: 4.73 ng
RT: 8.464 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 22015

Ion	Ratio	Lower	Upper
70	100		
42	52.6	43.0	64.6
101	11.9	8.7	13.1
130	23.5	19.4	29.0

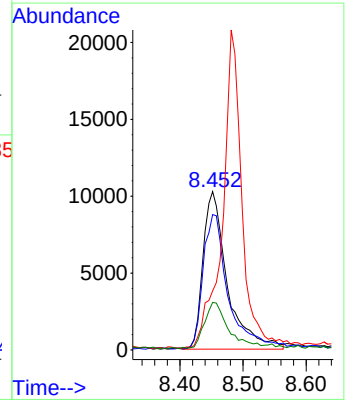


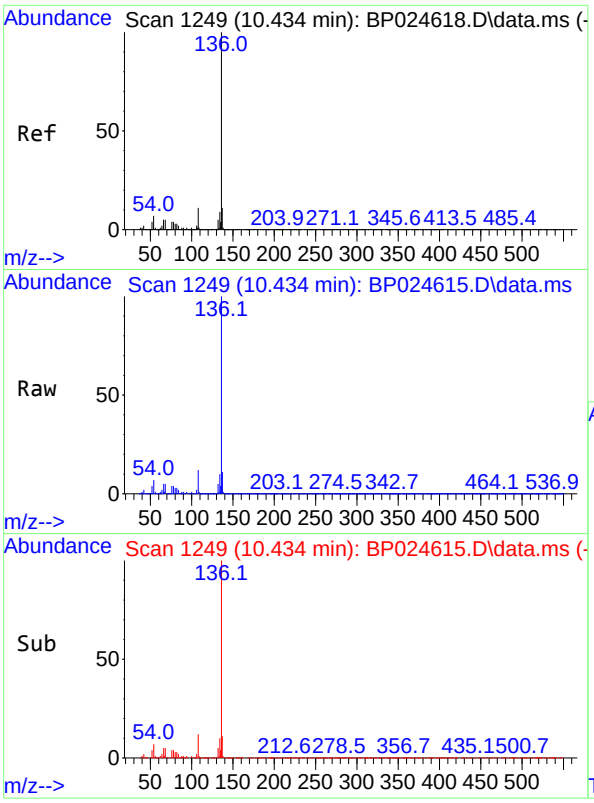


#20
3+4-Methylphenols
Concen: 4.06 ng
RT: 8.452 min Scan# 912
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:107 Resp: 27500

Ion	Ratio	Lower	Upper
107	100		
108	85.4	66.7	106.7
77	37.3	13.1	53.1
79	29.9	8.9	48.9



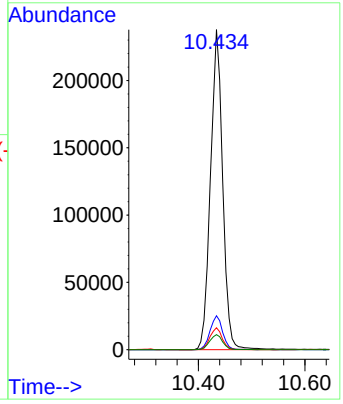


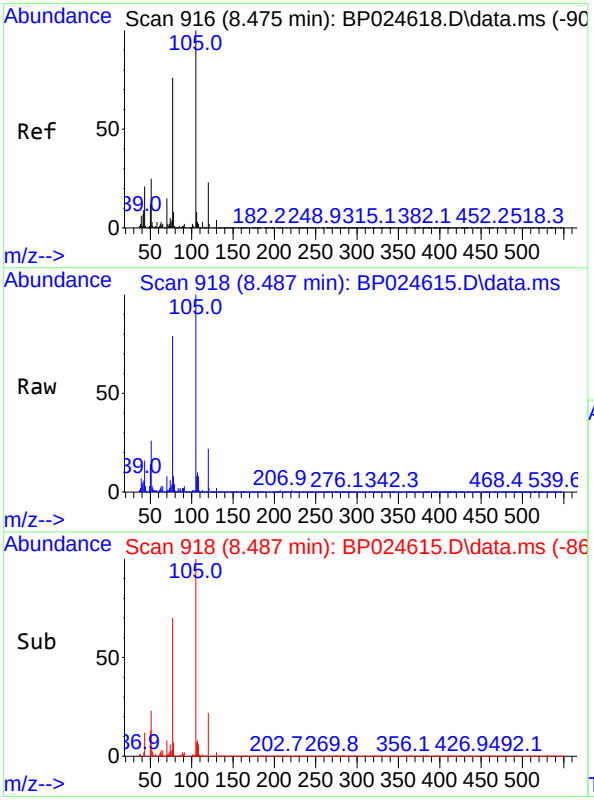
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 378055

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.5	8.3
68	4.7	4.2	6.2

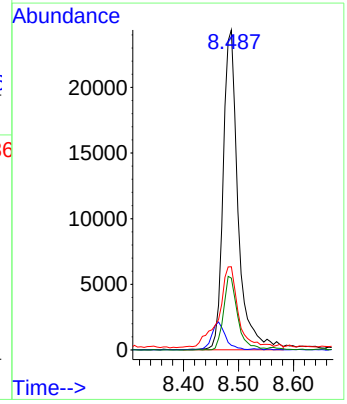


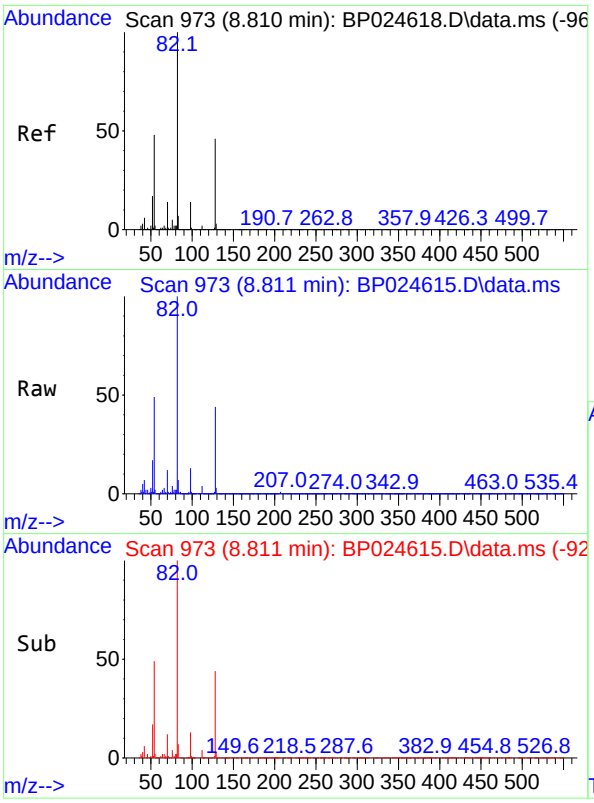


#22
Acetophenone
Concen: 4.87 ng
RT: 8.487 min Scan# 918
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:105 Resp: 45968

Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.0	3.0#
51	26.0	20.4	30.6
120	22.4	18.1	27.1



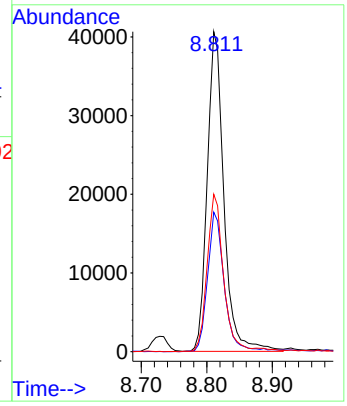


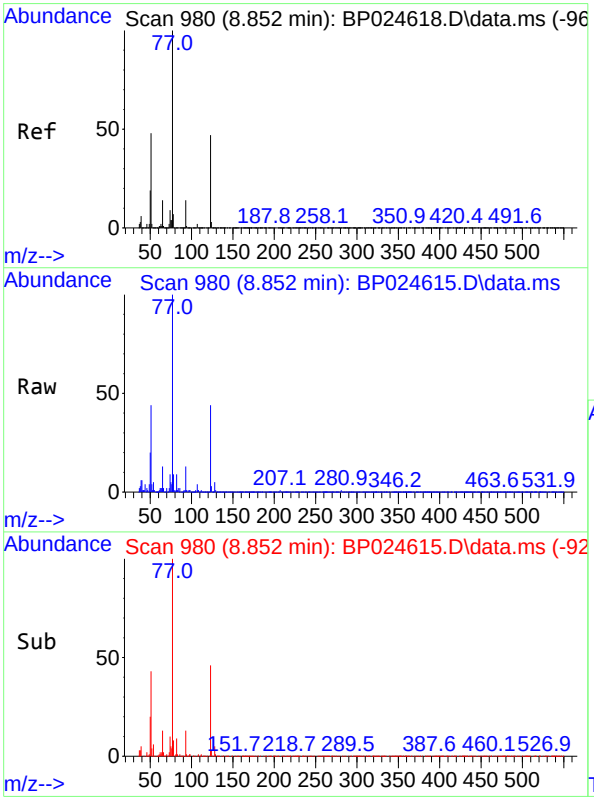
#23
Nitrobenzene-d5
Concen: 9.63 ng
RT: 8.811 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 72056

Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.0	55.4
54	49.2	38.7	58.1

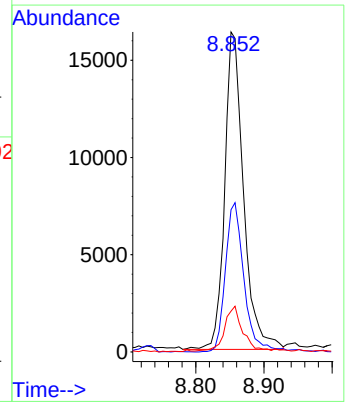


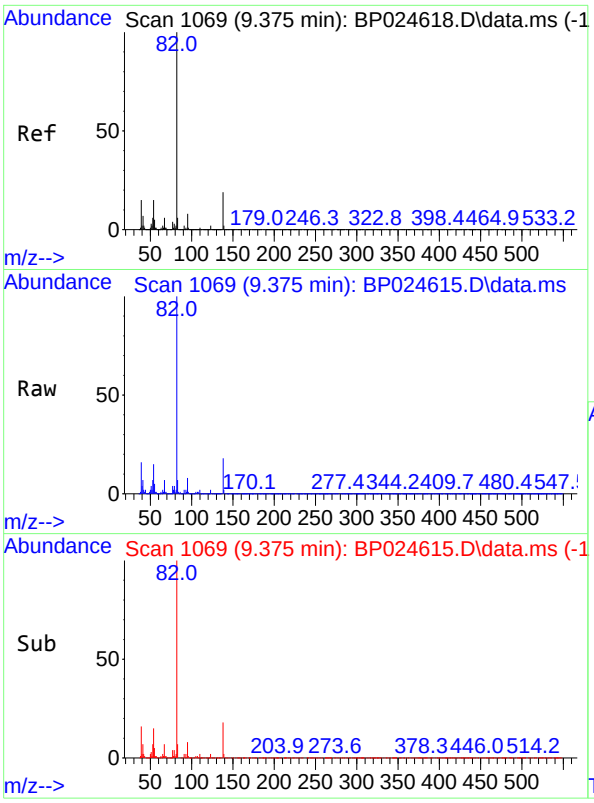


#24
Nitrobenzene
Concen: 4.78 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 77 Resp: 31500

Ion	Ratio	Lower	Upper
77	100		
123	44.5	37.4	56.0
65	12.7	11.3	16.9



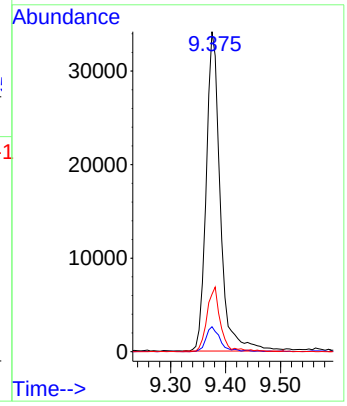


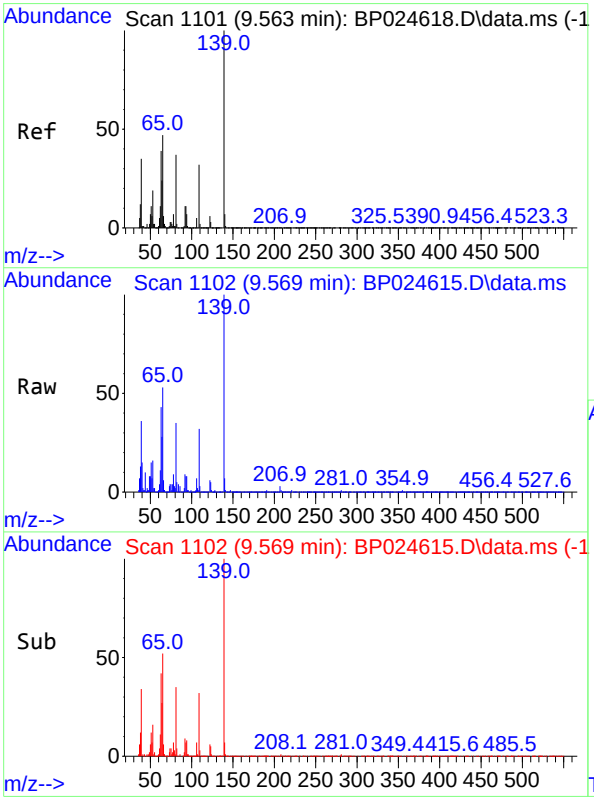
#25
Isophorone
Concen: 4.69 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 60855

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.3	9.5
138	17.9	15.3	22.9

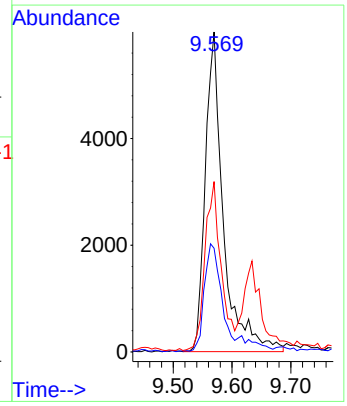


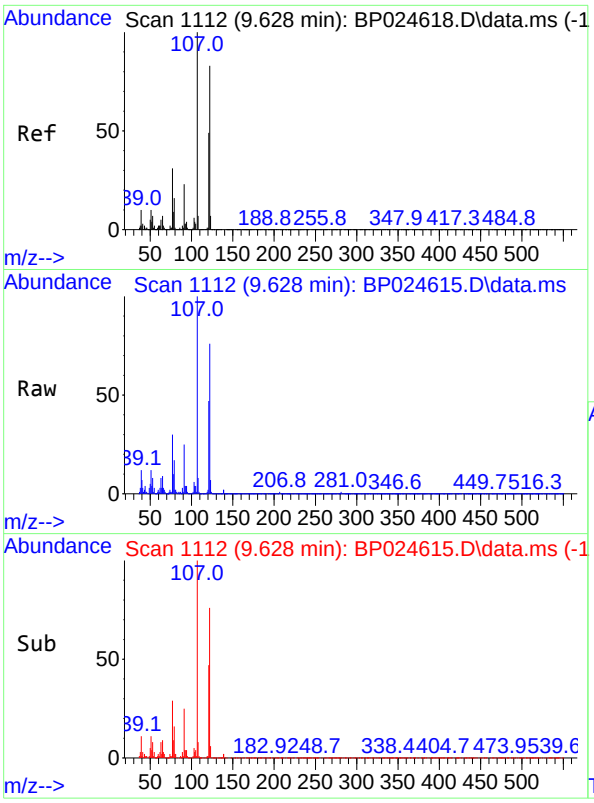


#26
2-Nitrophenol
Concen: 3.96 ng
RT: 9.569 min Scan# 1102
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:139 Resp: 12786

Ion	Ratio	Lower	Upper
139	100		
109	32.4	25.9	38.9
65	53.2	37.9	56.9



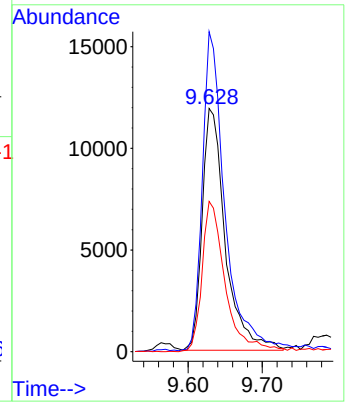


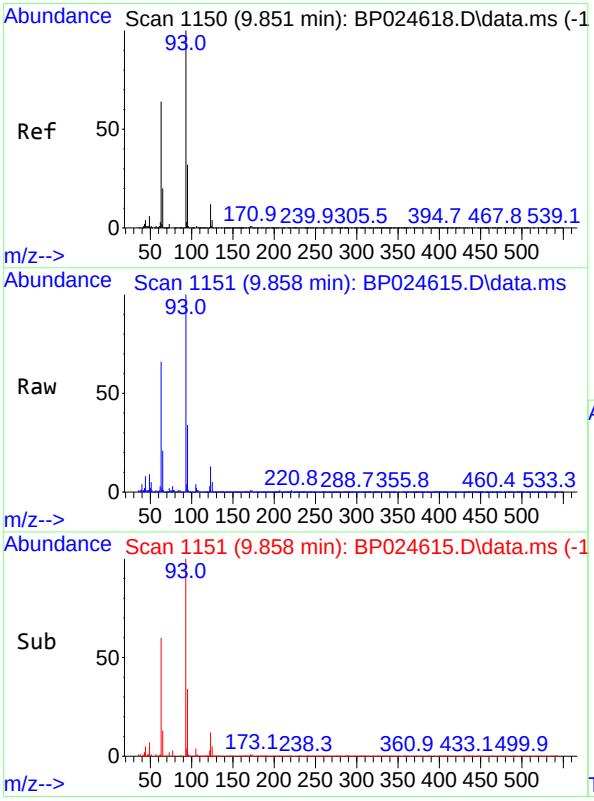
#27
2,4-Dimethylphenol
Concen: 4.54 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 25830

Ion	Ratio	Lower	Upper
122	100		
107	131.6	96.2	144.2
121	61.8	47.6	71.4

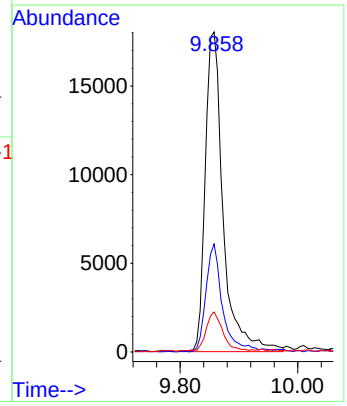


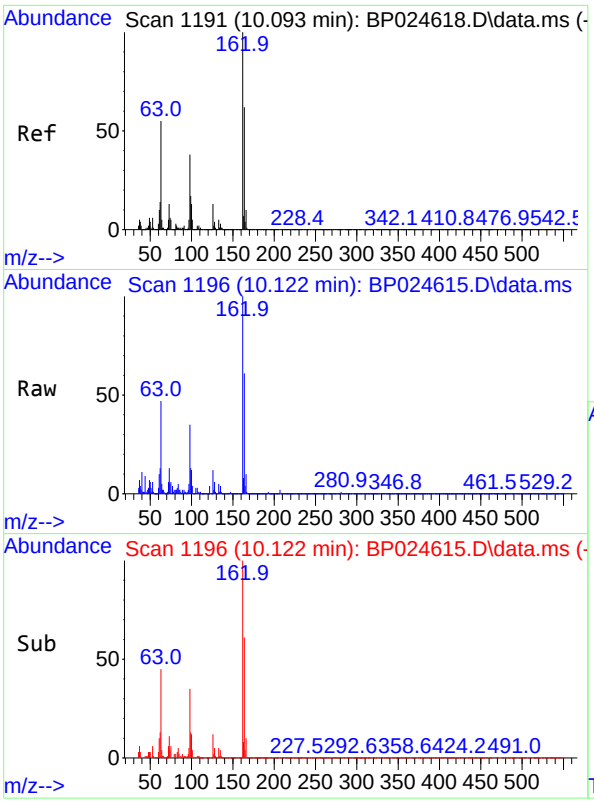


#28
bis(2-Chloroethoxy)methane
Concen: 4.91 ng
RT: 9.858 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 93 Resp: 38071

Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.5	38.3
123	12.5	9.7	14.5



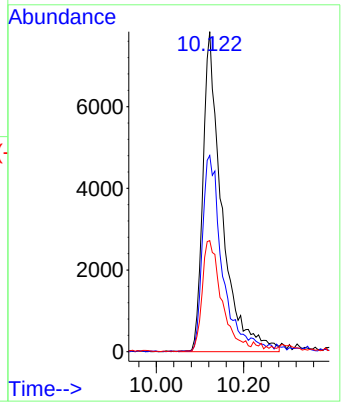


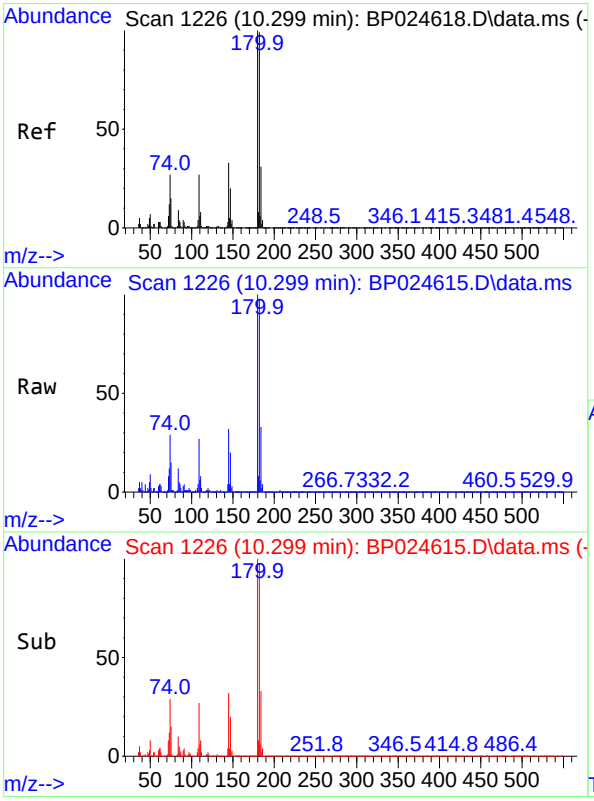
#29
2,4-Dichlorophenol
Concen: 4.29 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.030 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 23623

Ion	Ratio	Lower	Upper
162	100		
164	61.3	42.3	82.3
98	34.7	18.4	58.4

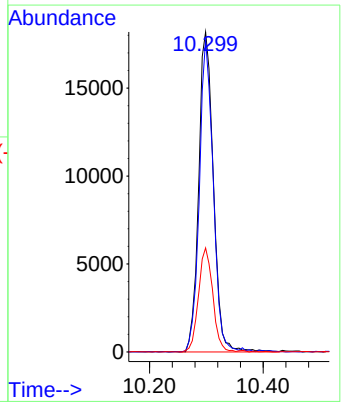


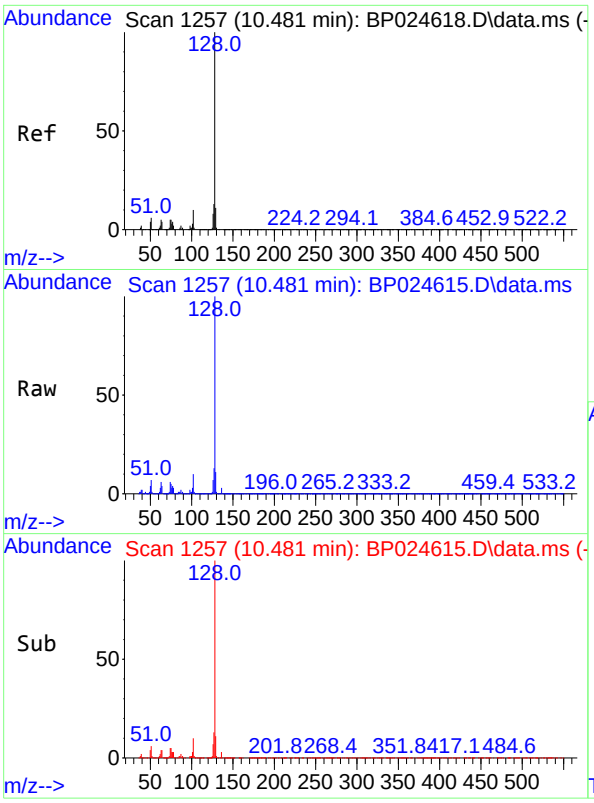


#30
1,2,4-Trichlorobenzene
Concen: 5.26 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:180 Resp: 32699

Ion	Ratio	Lower	Upper
180	100		
182	97.6	79.0	118.4
145	32.5	26.6	39.8



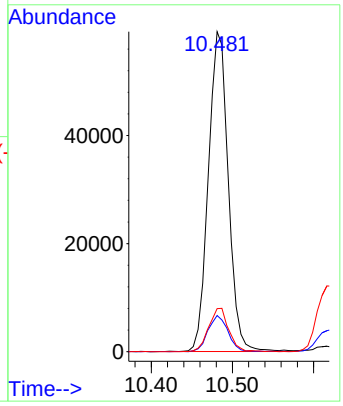


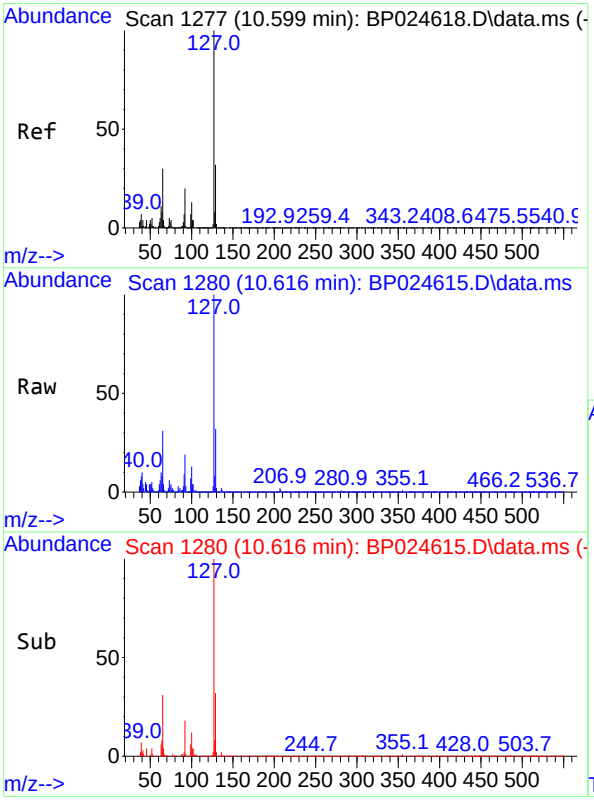
#31
Naphthalene
Concen: 5.13 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 100564

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.5	10.7	16.1

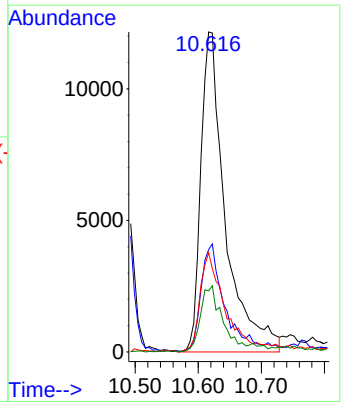


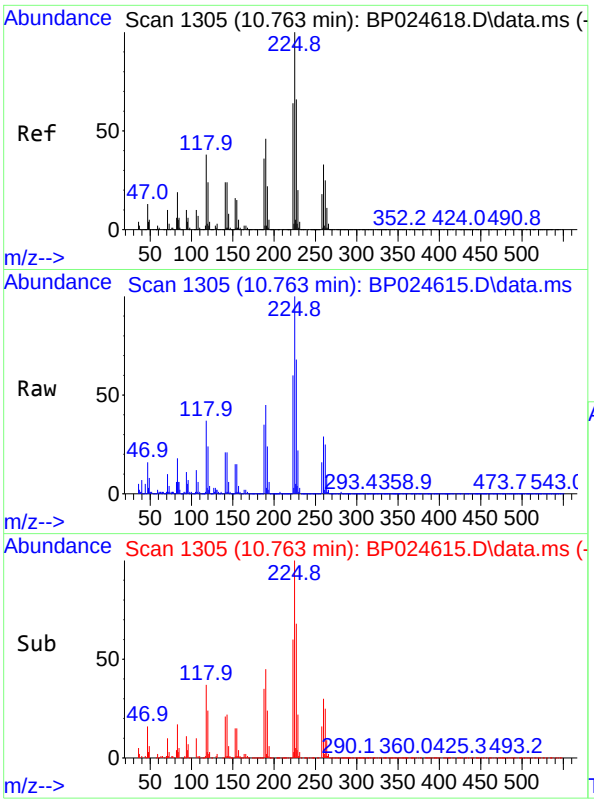


#33
4-Chloroaniline
Concen: 4.16 ng
RT: 10.616 min Scan# 1280
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:127 Resp: 32908

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	31.0	23.9	35.9
92	19.1	16.1	24.1



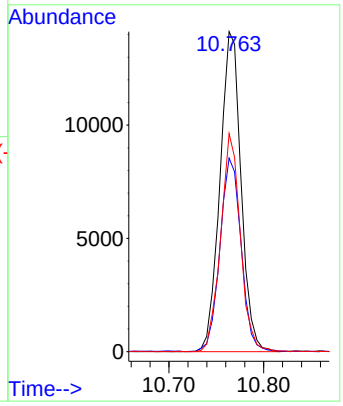


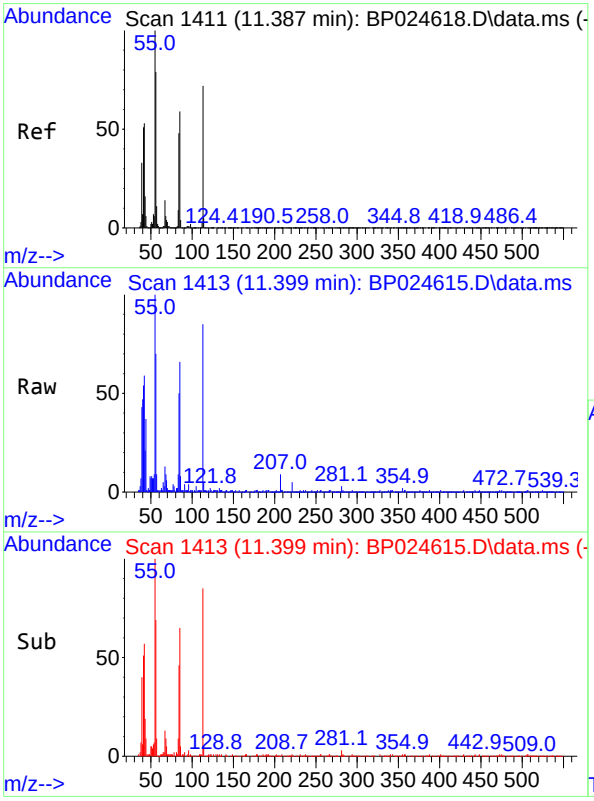
#34
Hexachlorobutadiene
Concen: 5.43 ng
RT: 10.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 21834

Ion	Ratio	Lower	Upper
225	100		
223	60.5	51.0	76.6
227	71.7	53.1	79.7

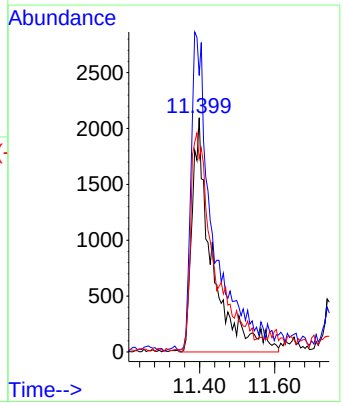


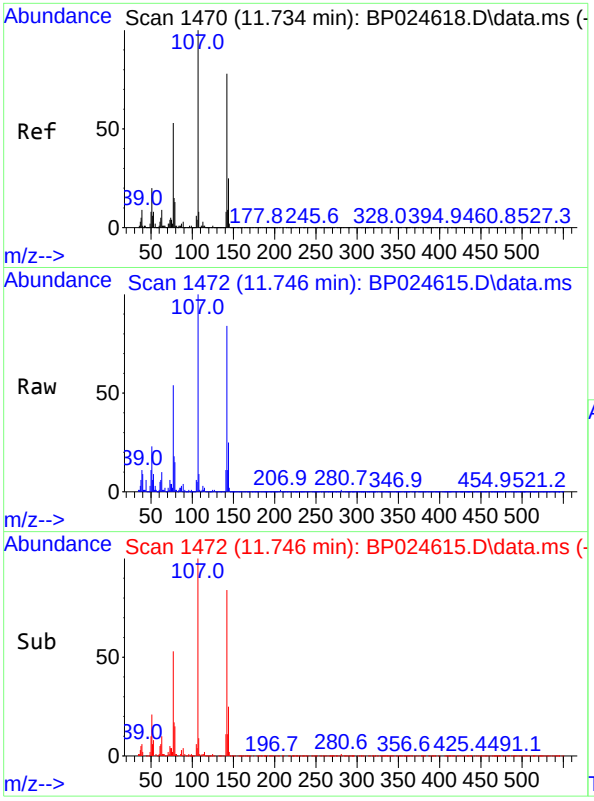


#35
Caprolactam
Concen: 3.88 ng m
RT: 11.399 min Scan# 1413
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:113 Resp: 7742

Ion	Ratio	Lower	Upper
113	100		
55	118.0	119.0	159.0#
56	82.4	90.3	130.3#



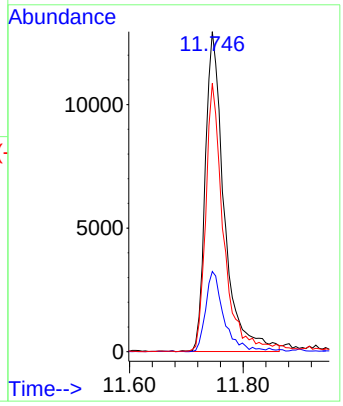


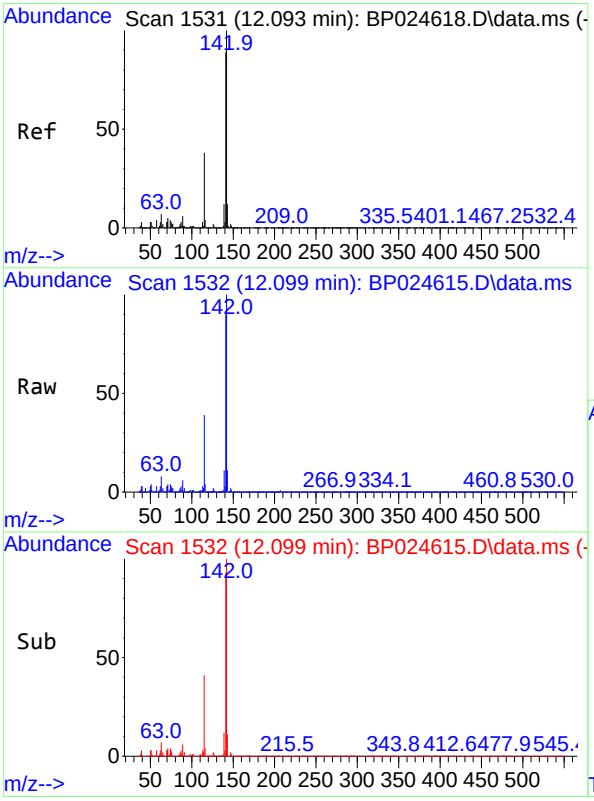
#36
4-Chloro-3-methylphenol
Concen: 4.44 ng
RT: 11.746 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 29849

Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.1	30.1
142	83.9	62.1	93.1

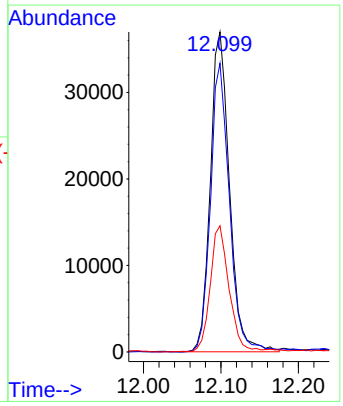


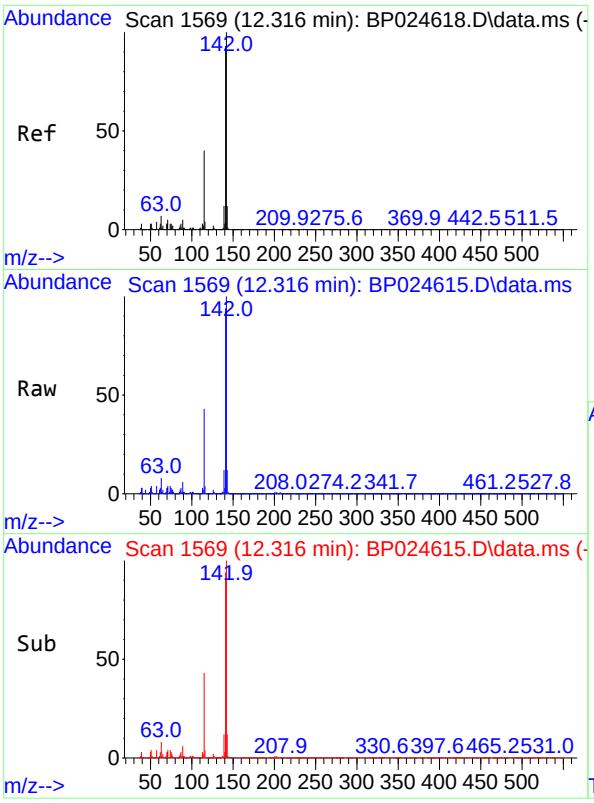


#37
2-Methylnaphthalene
Concen: 5.01 ng
RT: 12.099 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:142 Resp: 63562

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.2	106.8
115	39.4	30.6	46.0



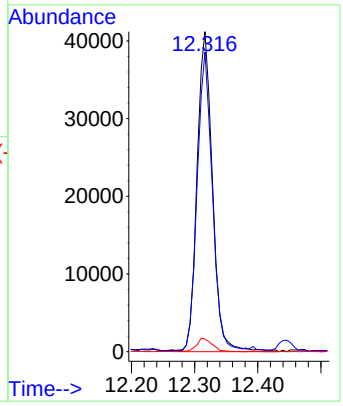


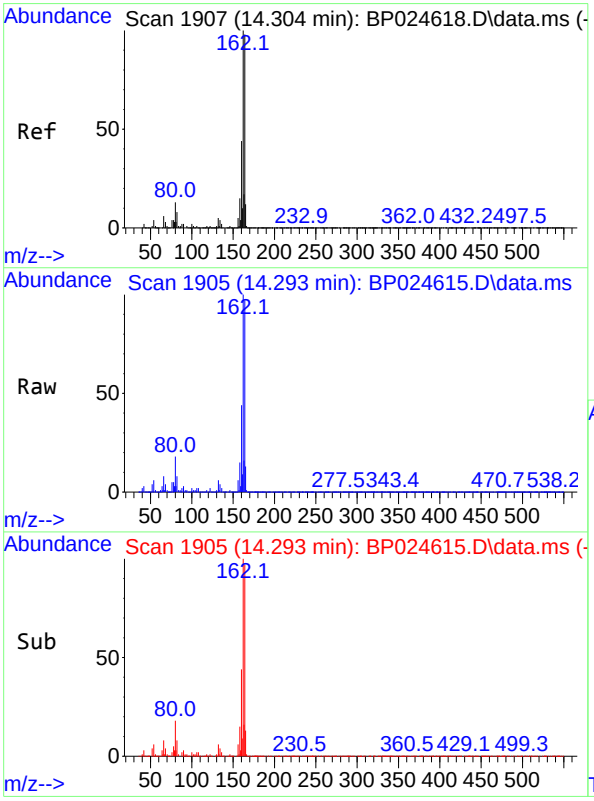
#38
1-Methylnaphthalene
Concen: 5.16 ng
RT: 12.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 70043

Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.7	112.1
116	4.0	3.4	5.2

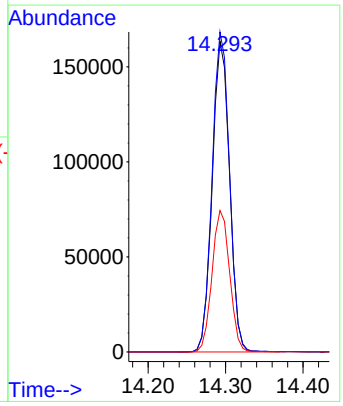


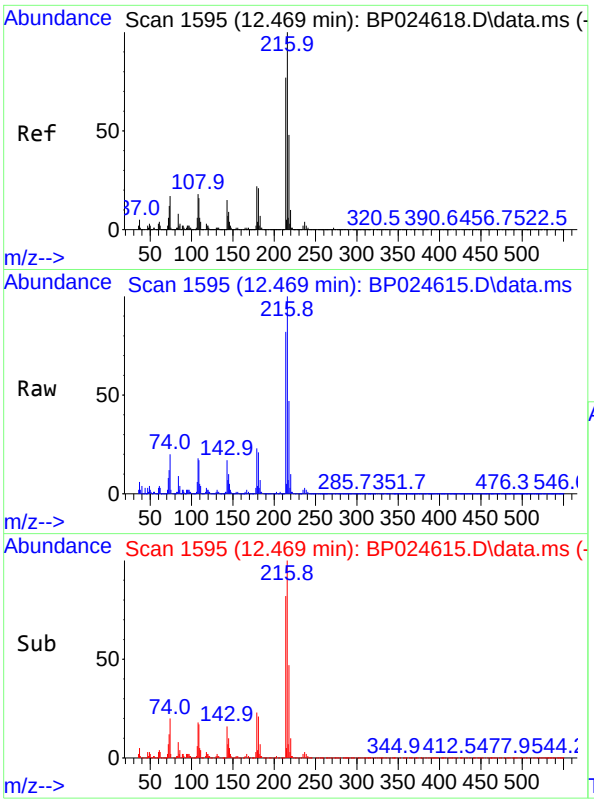


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:164 Resp: 254561

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.8	122.6
160	45.5	36.3	54.5



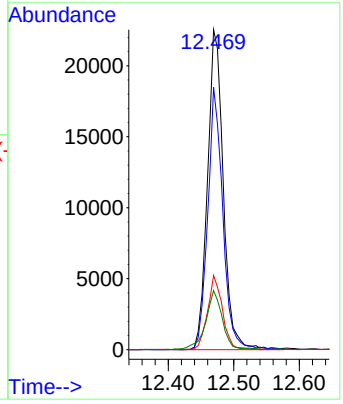


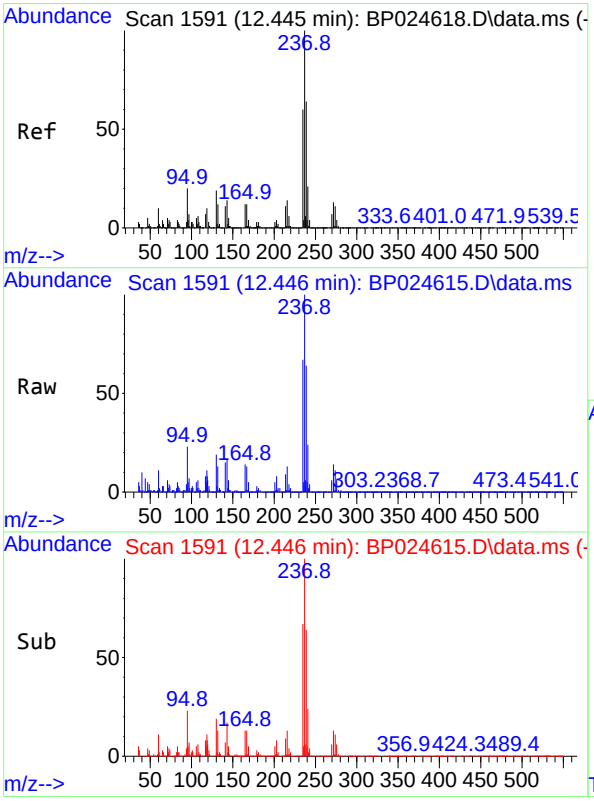
#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.11 ng
RT: 12.469 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:216 Resp: 37738

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.3	93.5
179	22.0	17.7	26.5
108	19.0	16.0	24.0

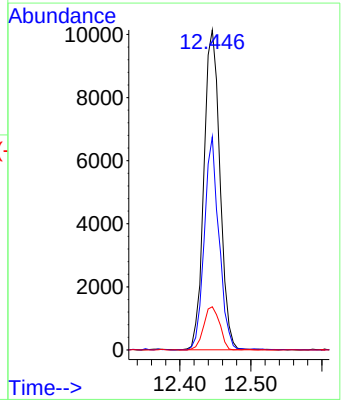


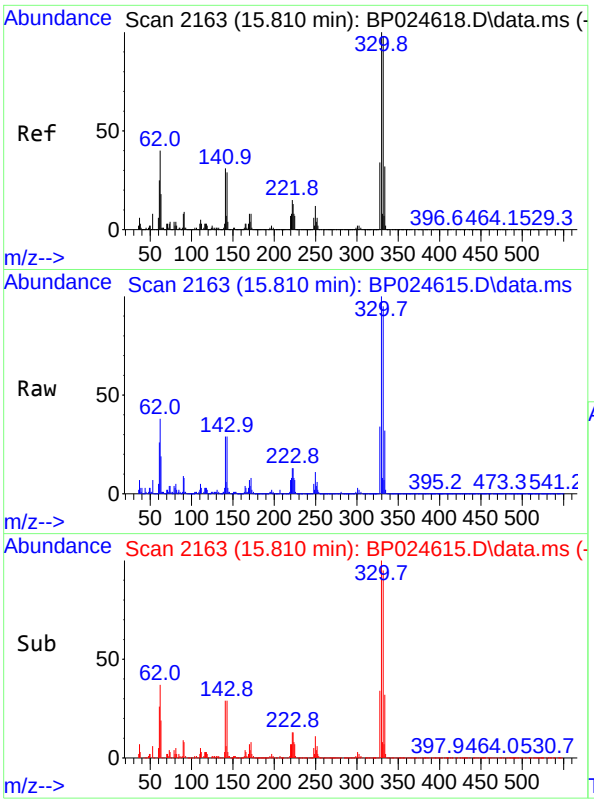


#41
Hexachlorocyclopentadiene
Concen: 3.56 ng
RT: 12.446 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:237 Resp: 15939

Ion	Ratio	Lower	Upper
237	100		
235	66.6	39.9	79.9
272	13.5	0.0	33.2



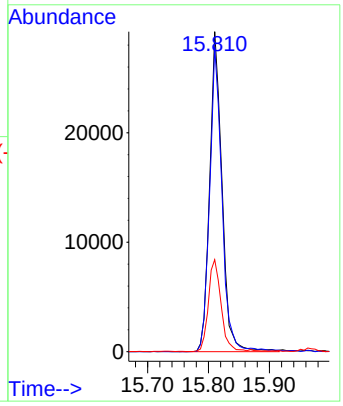


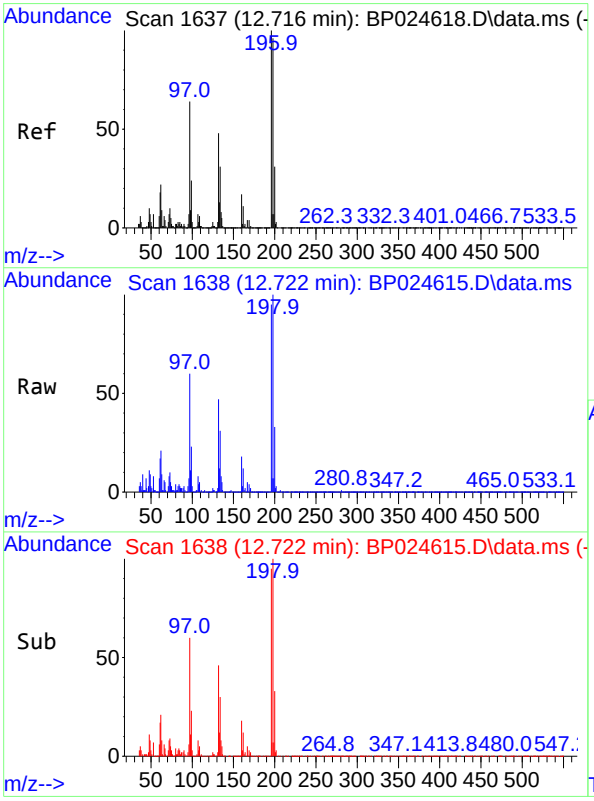
#42
2,4,6-Tribromophenol
Concen: 9.55 ng
RT: 15.810 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 41219

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.2	117.4
141	29.5	24.3	36.5

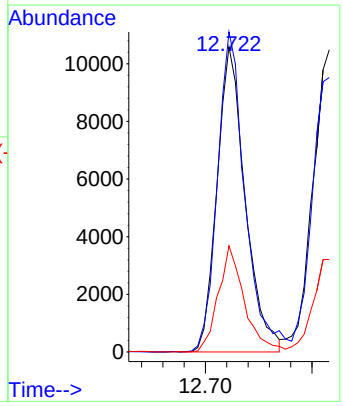


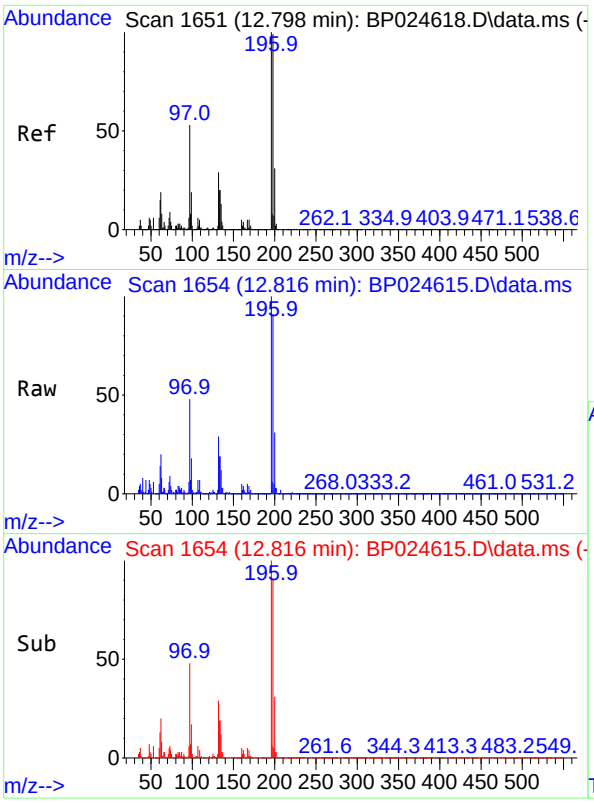


#43
2,4,6-Trichlorophenol
Concen: 4.06 ng
RT: 12.722 min Scan# 1638
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:196 Resp: 19429

Ion	Ratio	Lower	Upper
196	100		
198	104.9	76.9	115.3
200	34.8	25.2	37.8



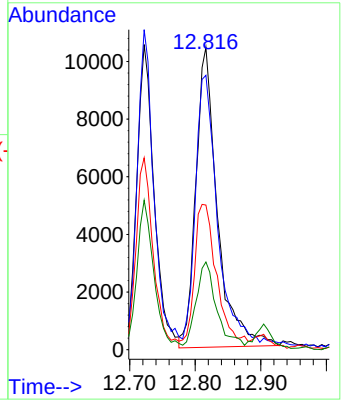


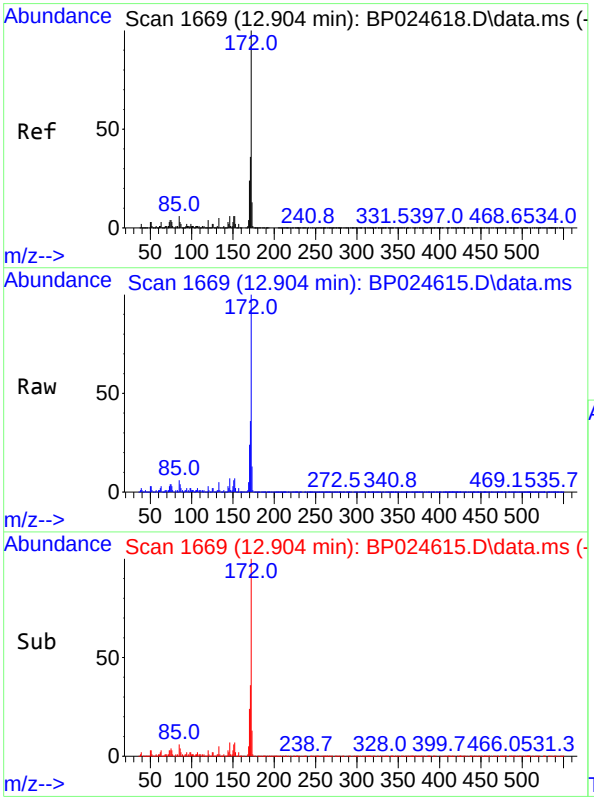
#44
2,4,5-Trichlorophenol
Concen: 4.49 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 23918

Ion	Ratio	Lower	Upper
196	100		
198	90.8	79.2	118.8
97	47.8	42.3	63.5
132	29.0	23.3	34.9

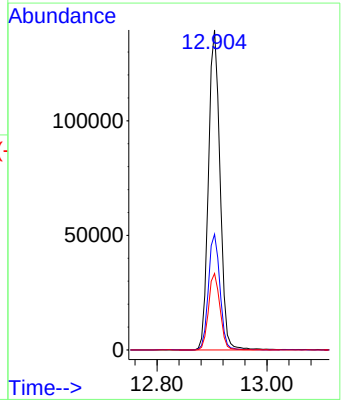


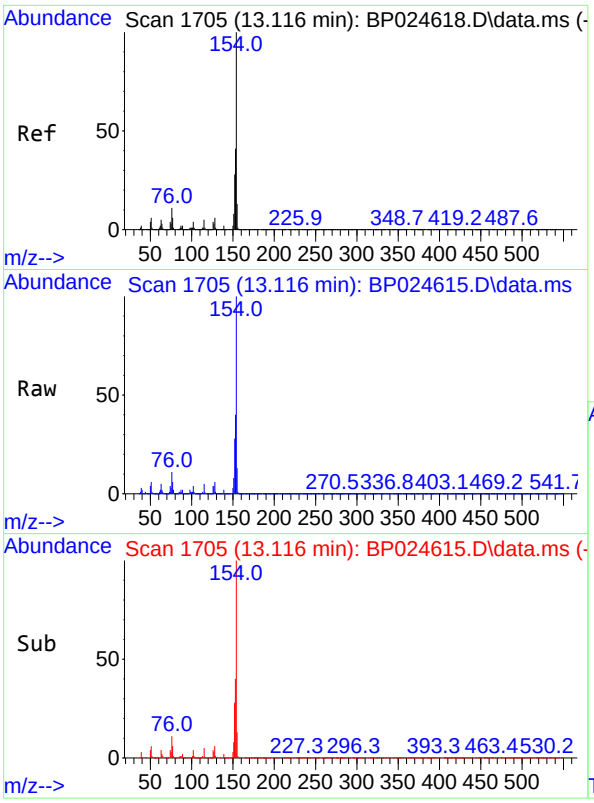


#45
2-Fluorobiphenyl
Concen: 10.48 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:172 Resp: 203719

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.9	18.8	28.2



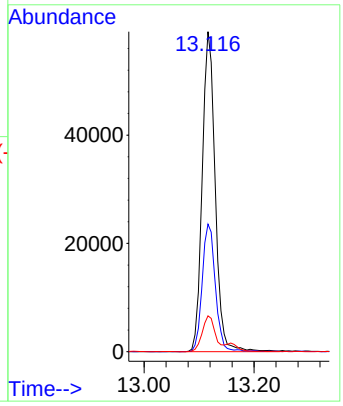


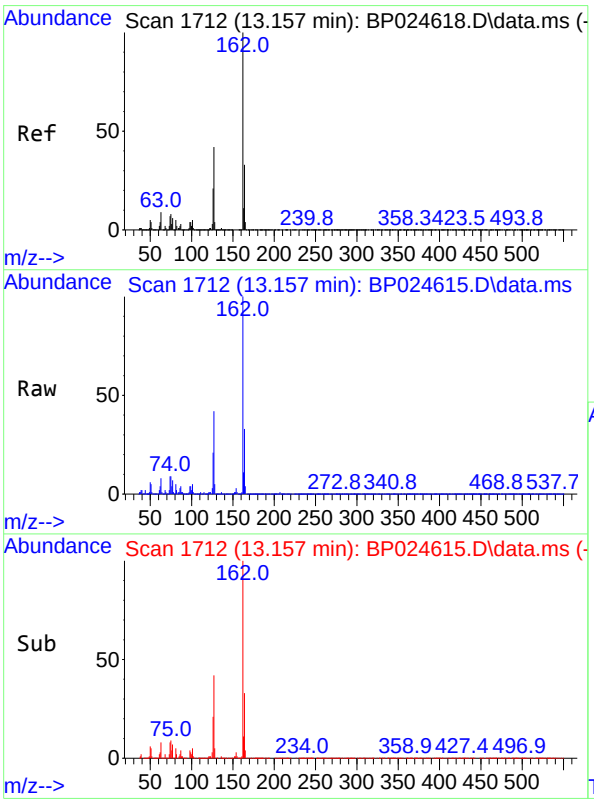
#46
1,1'-Biphenyl
Concen: 5.15 ng
RT: 13.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 96956

Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.0	61.0
76	11.2	0.0	31.5

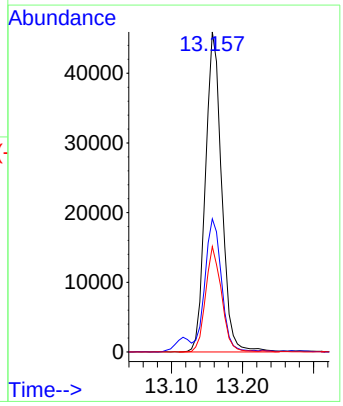


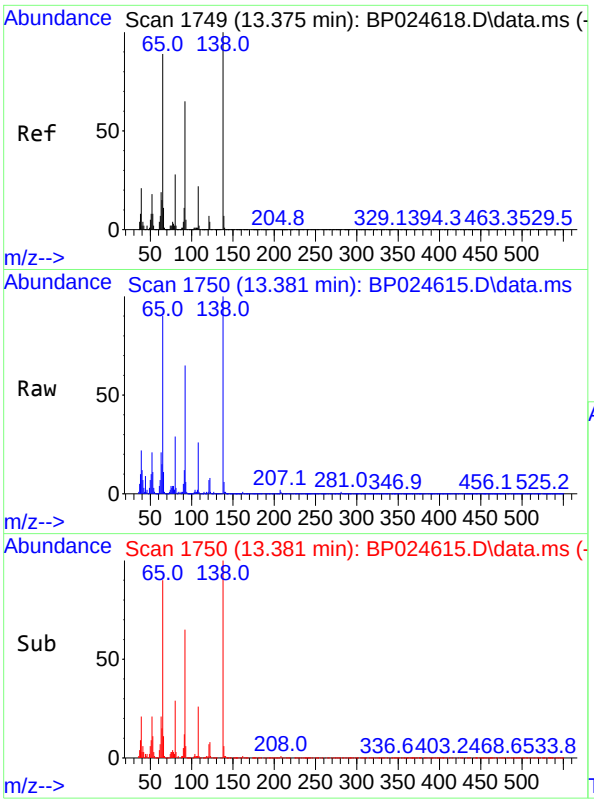


#47
2-Chloronaphthalene
Concen: 5.09 ng
RT: 13.157 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:162 Resp: 72977

Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.8	50.6
164	33.0	26.0	39.0



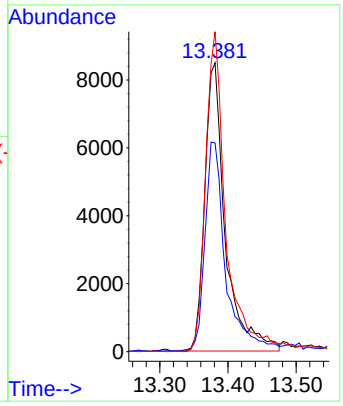


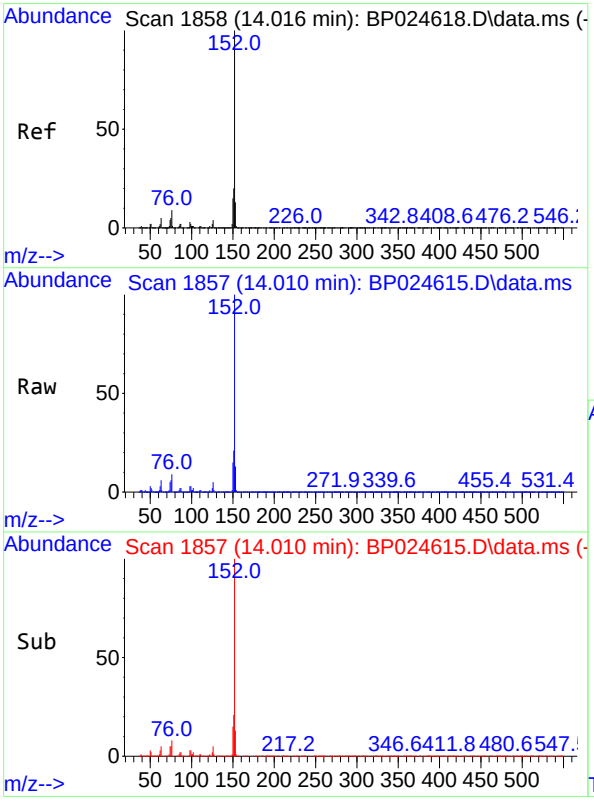
#48
2-Nitroaniline
Concen: 4.19 ng
RT: 13.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 17778

Ion	Ratio	Lower	Upper
65	100		
92	72.3	58.7	88.1
138	110.8	90.2	135.2

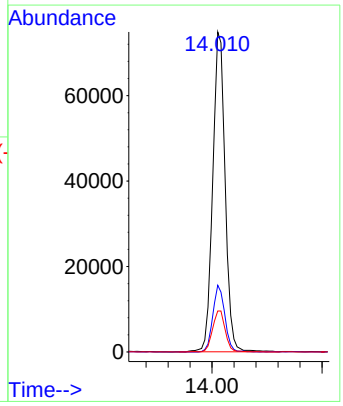


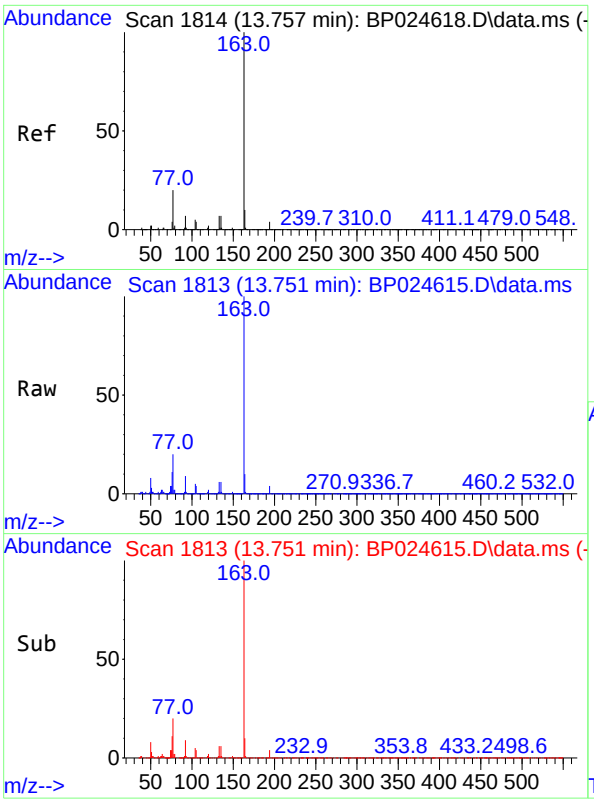


#49
Acenaphthylene
Concen: 4.89 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:152 Resp: 117448

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.4
153	12.8	10.2	15.4



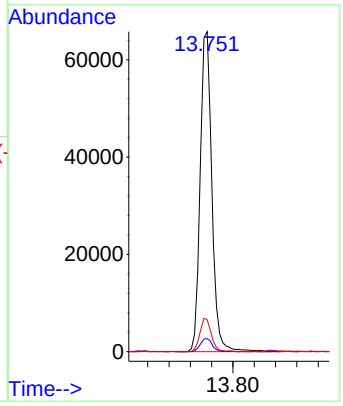


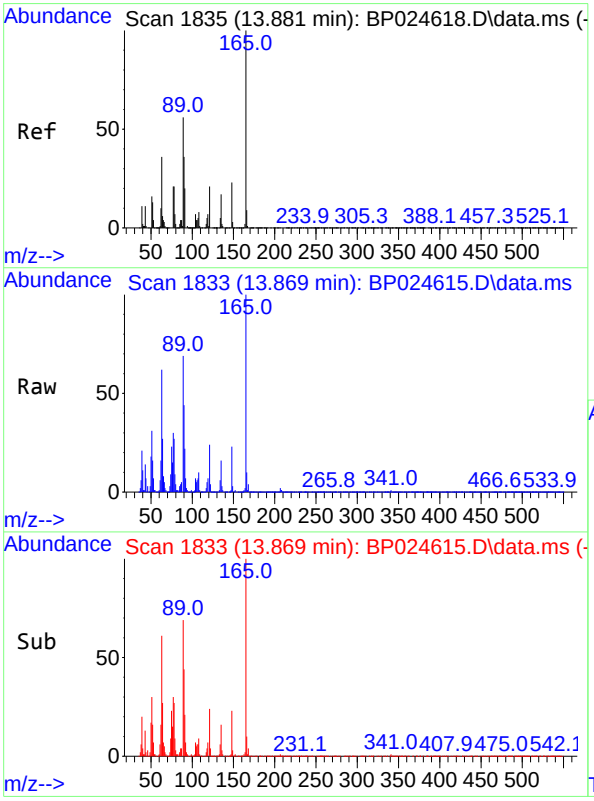
#50
Dimethylphthalate
Concen: 5.15 ng
RT: 13.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 99940

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.9	8.1	12.1

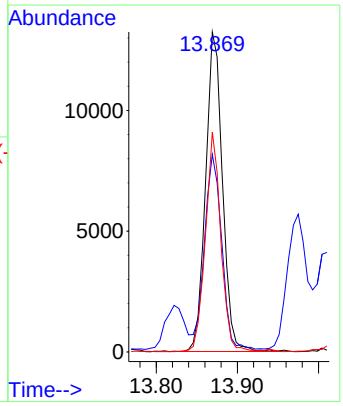


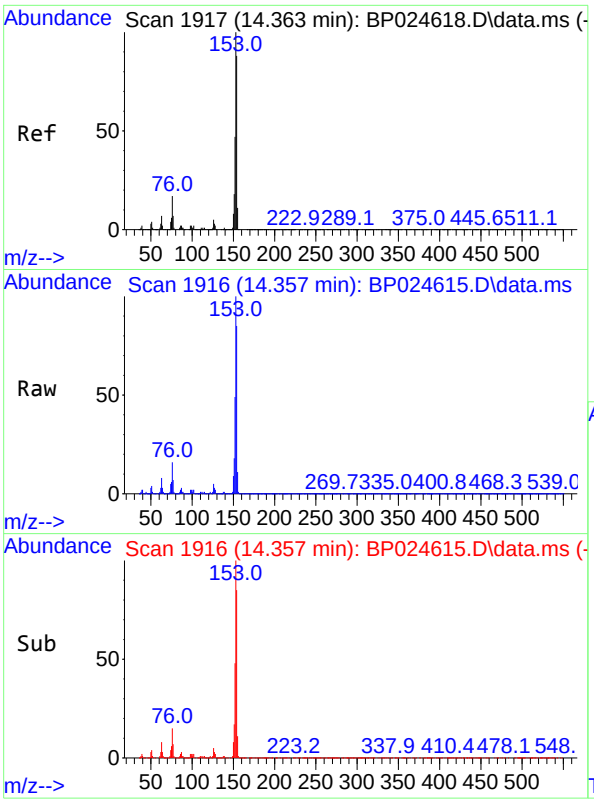


#51
2,6-Dinitrotoluene
Concen: 4.65 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:165 Resp: 19052

Ion	Ratio	Lower	Upper
165	100		
63	61.7	42.4	63.6
89	68.7	44.8	67.2#



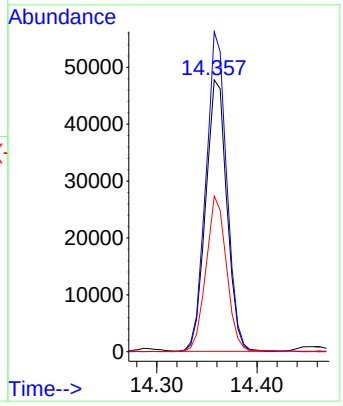


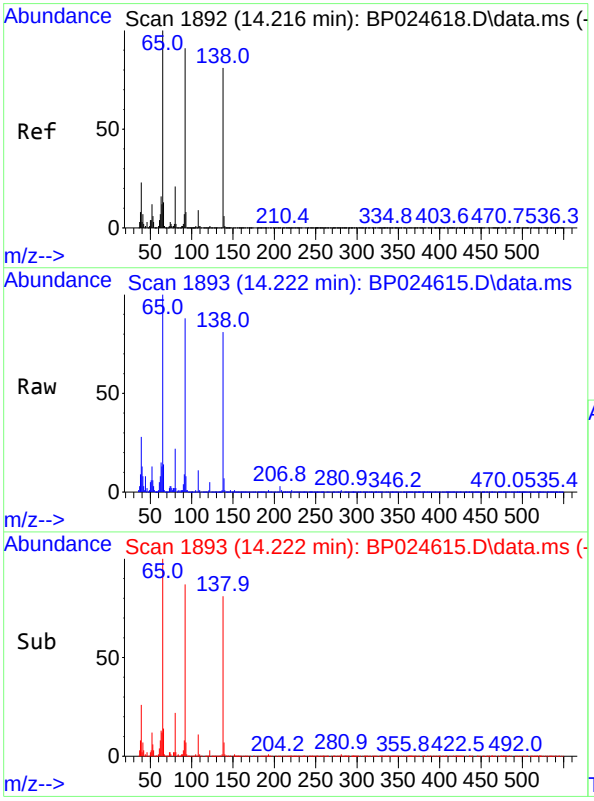
#52
Acenaphthene
Concen: 5.09 ng
RT: 14.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 70302

Ion	Ratio	Lower	Upper
154	100		
153	117.7	91.0	136.4
152	57.3	42.9	64.3

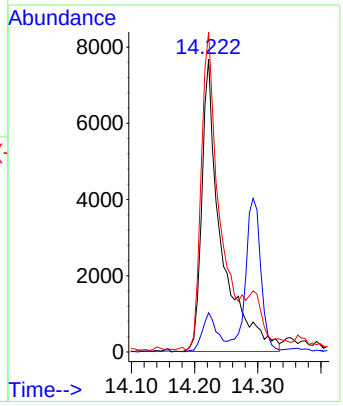


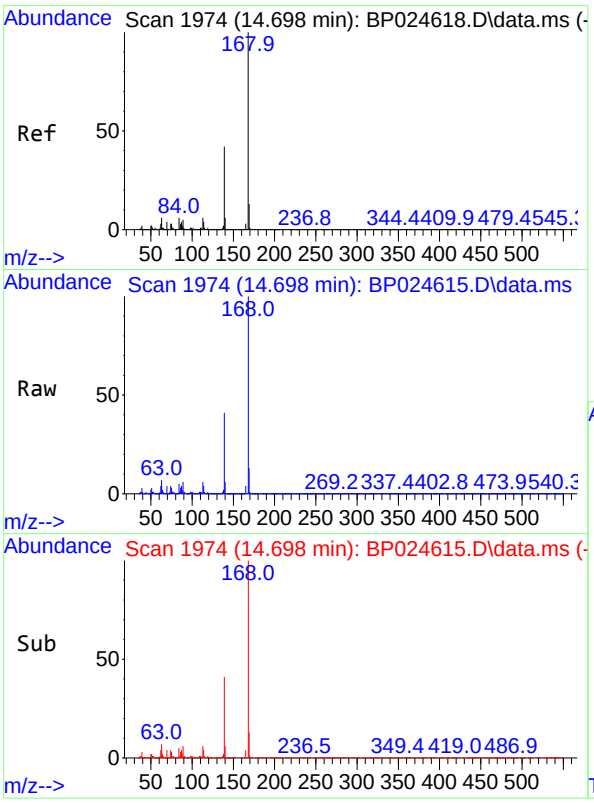


#53
3-Nitroaniline
Concen: 3.92 ng
RT: 14.222 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:138 Resp: 16400

Ion	Ratio	Lower	Upper
138	100		
108	13.4	9.0	13.4
92	109.3	90.1	135.1



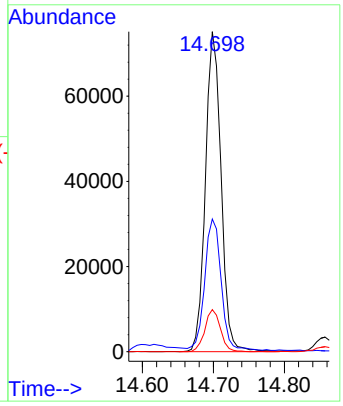


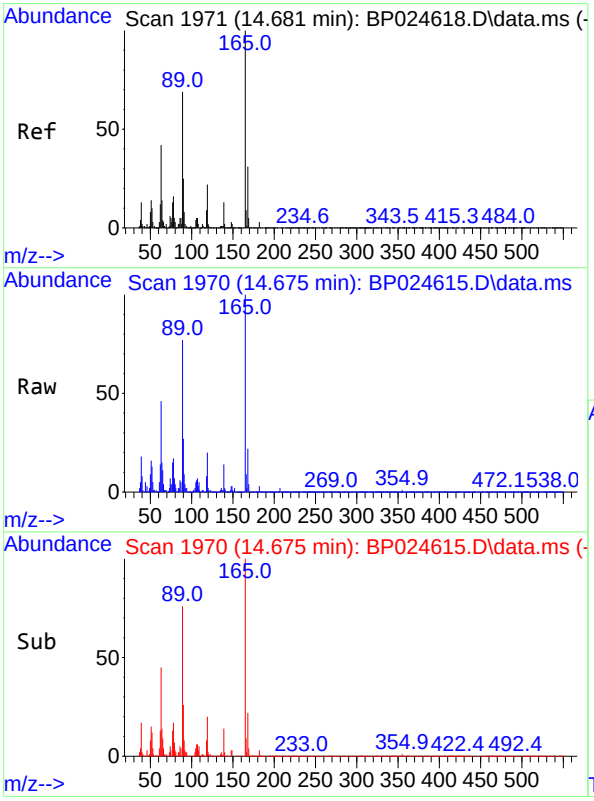
#55
Dibenzofuran
Concen: 5.23 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 115180

Ion	Ratio	Lower	Upper
168	100		
139	41.5	34.2	51.4
169	13.2	10.8	16.2

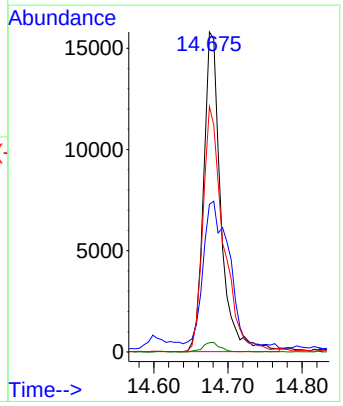


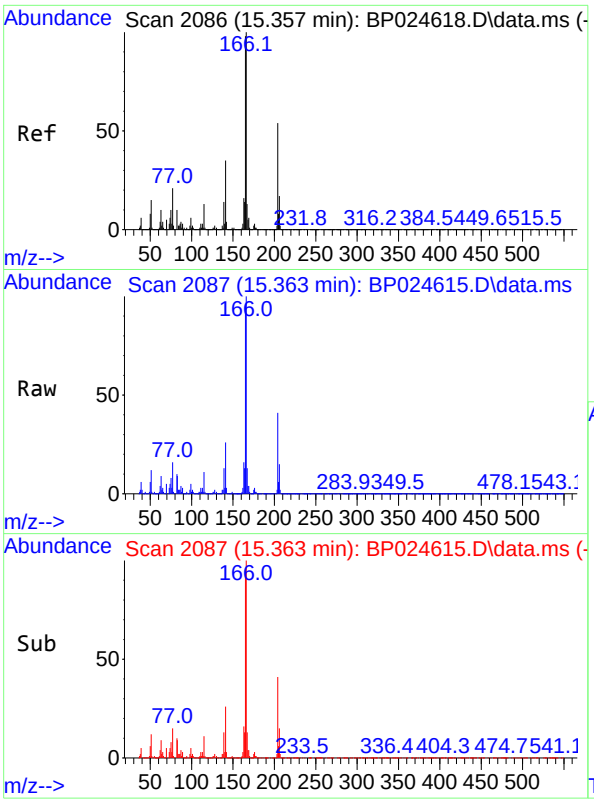


#57
2,4-Dinitrotoluene
Concen: 4.41 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:165 Resp: 25481

Ion	Ratio	Lower	Upper
165	100		
63	46.2	33.8	50.6
89	76.8	55.6	83.4
182	2.9	2.4	3.6



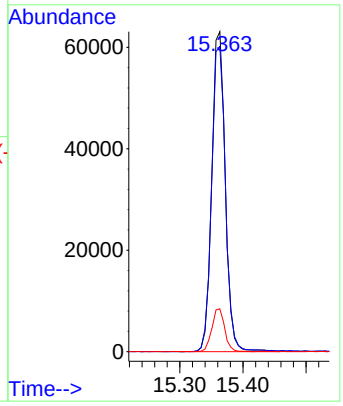


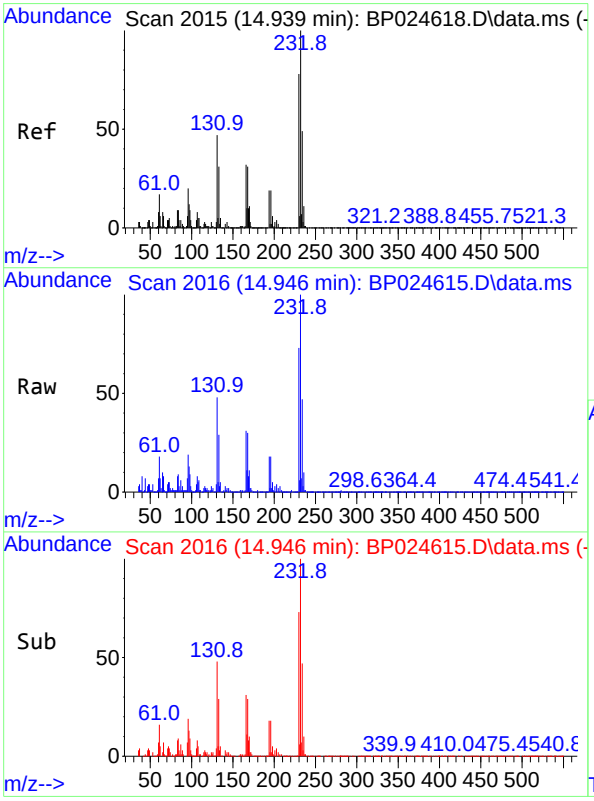
#58
Fluorene
Concen: 5.20 ng
RT: 15.363 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 93303

Ion	Ratio	Lower	Upper
166	100		
165	95.4	78.5	117.7
167	13.4	10.7	16.1

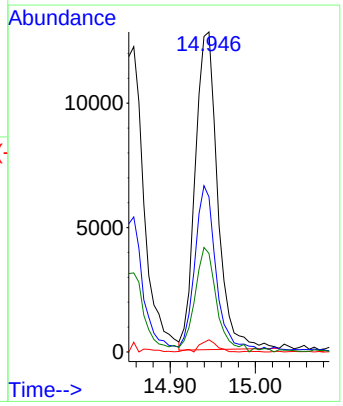


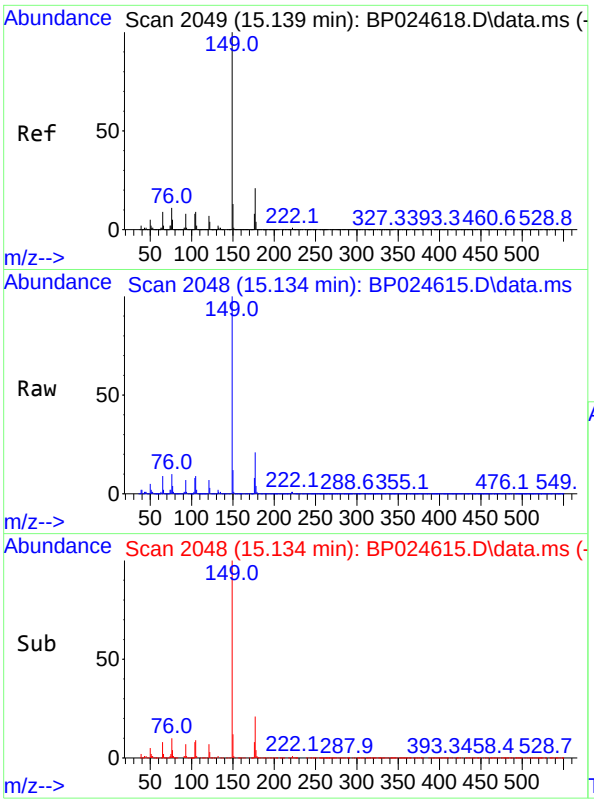


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.73 ng
RT: 14.946 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:232 Resp: 23382

Ion	Ratio	Lower	Upper
232	100		
131	48.6	39.5	59.3
130	3.0	2.2	3.4
166	30.5	25.7	38.5



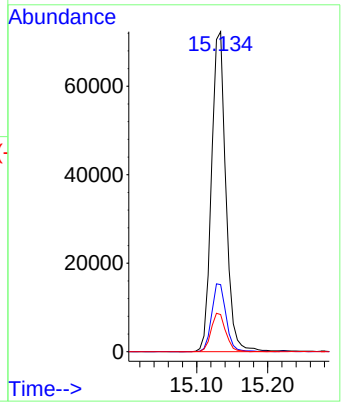


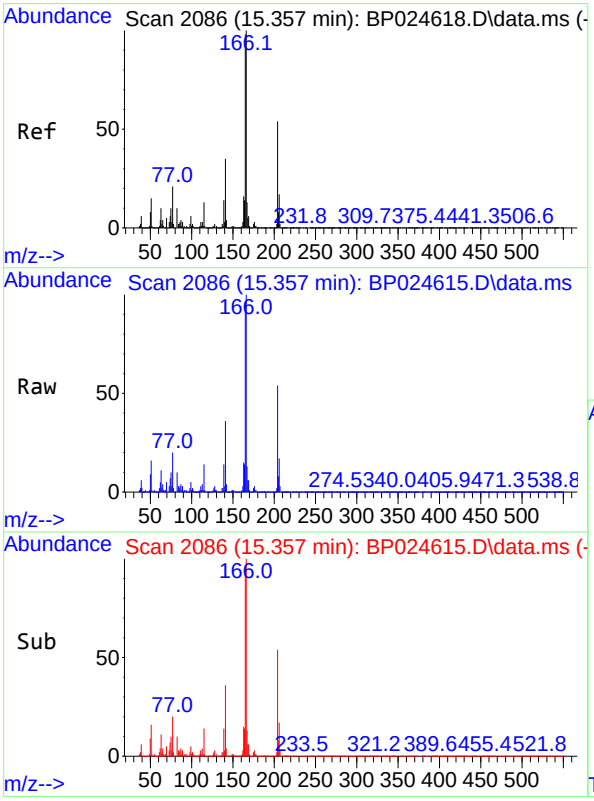
#60
Diethylphthalate
Concen: 5.17 ng
RT: 15.134 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 101366

Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	11.6	10.2	15.2

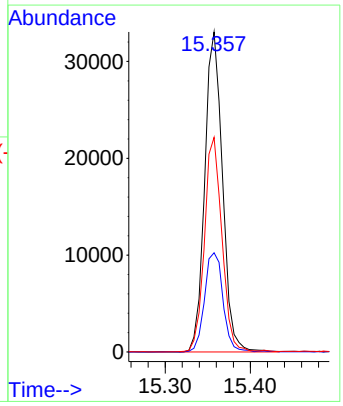


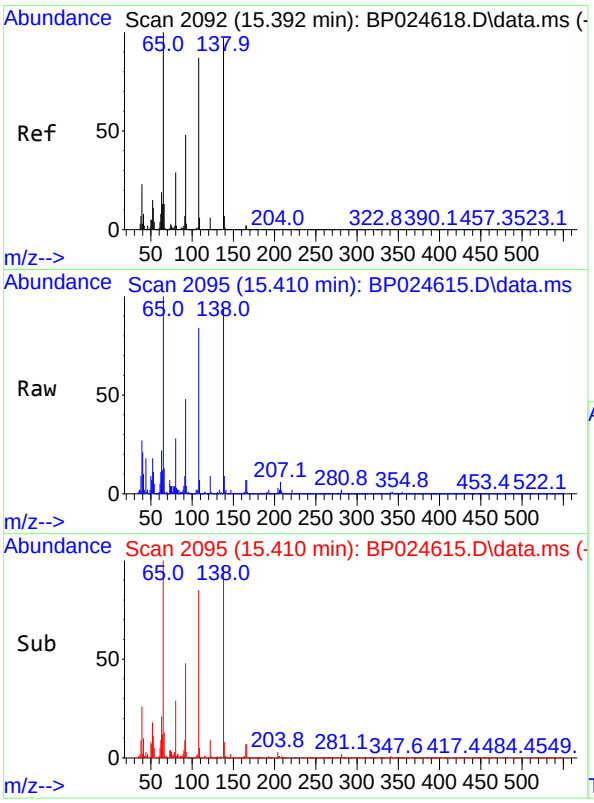


#61
4-Chlorophenyl-phenylether
Concen: 5.35 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:204 Resp: 47886

Ion	Ratio	Lower	Upper
204	100		
206	31.0	26.0	39.0
141	67.1	52.9	79.3



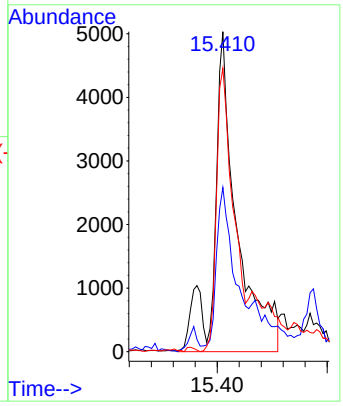


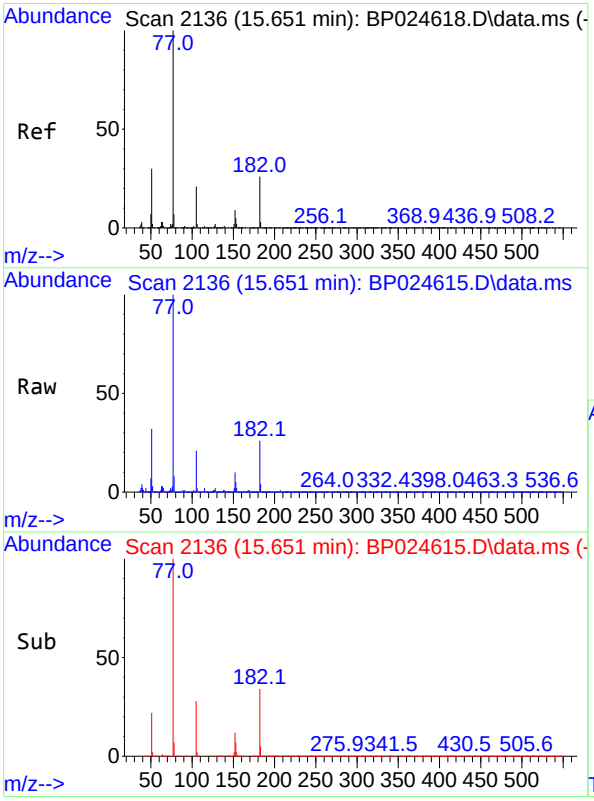
#62
4-Nitroaniline
Concen: 3.55 ng m
RT: 15.410 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 14482

Ion	Ratio	Lower	Upper
138	100		
92	51.3	29.2	69.2
108	88.5	69.0	109.0

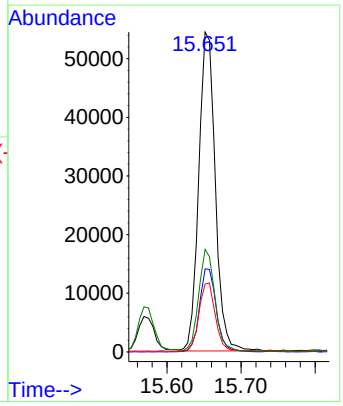


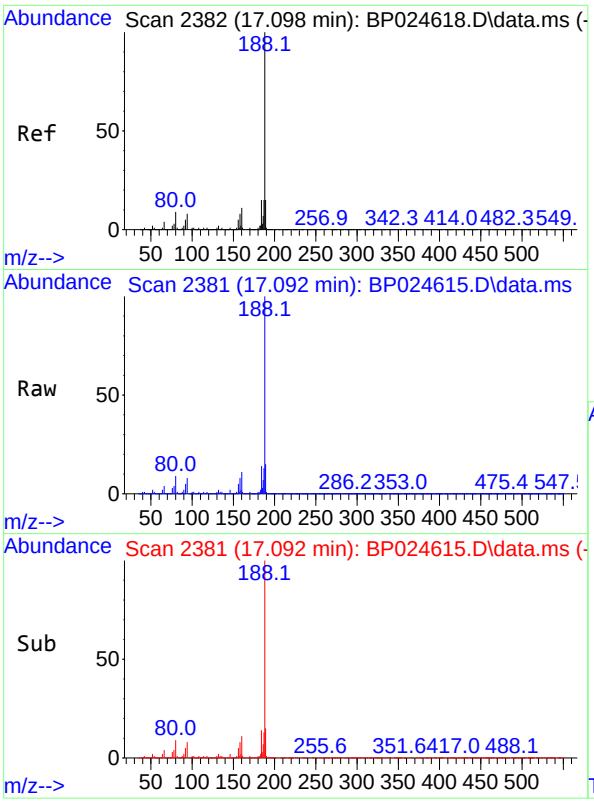


#63
Azobenzene
Concen: 5.03 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 77 Resp: 84462

Ion	Ratio	Lower	Upper
77	100		
182	26.0	5.7	45.7
105	21.2	1.3	41.3
51	32.1	10.6	50.6



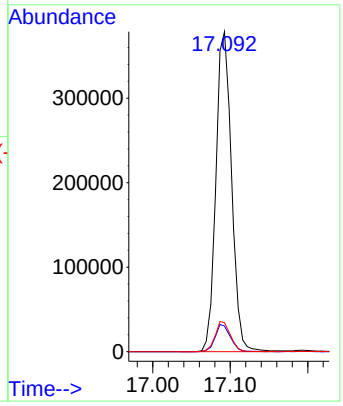


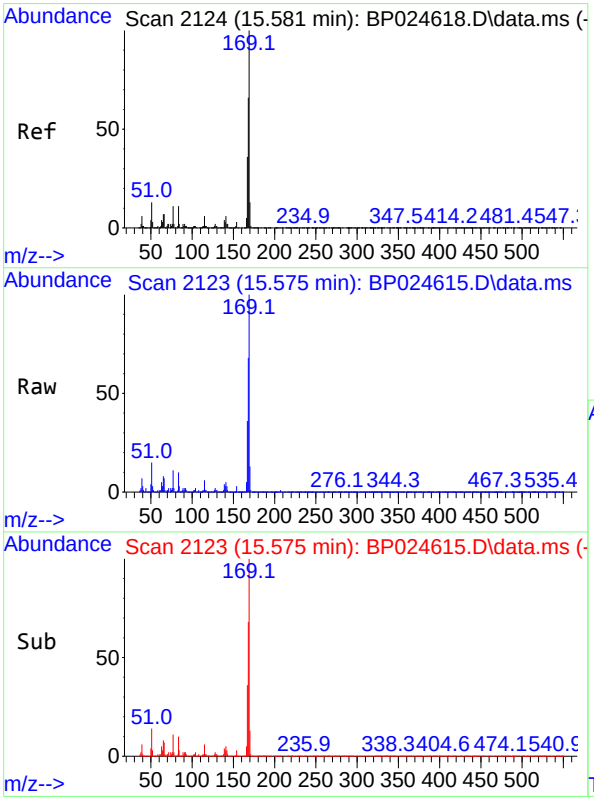
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 531548

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.5	9.7
80	9.1	7.3	10.9

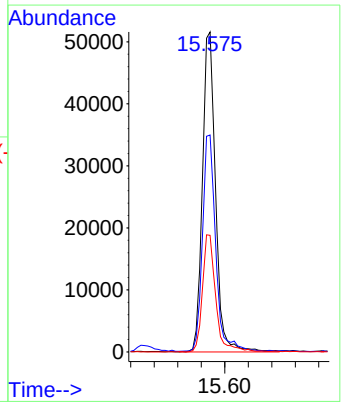


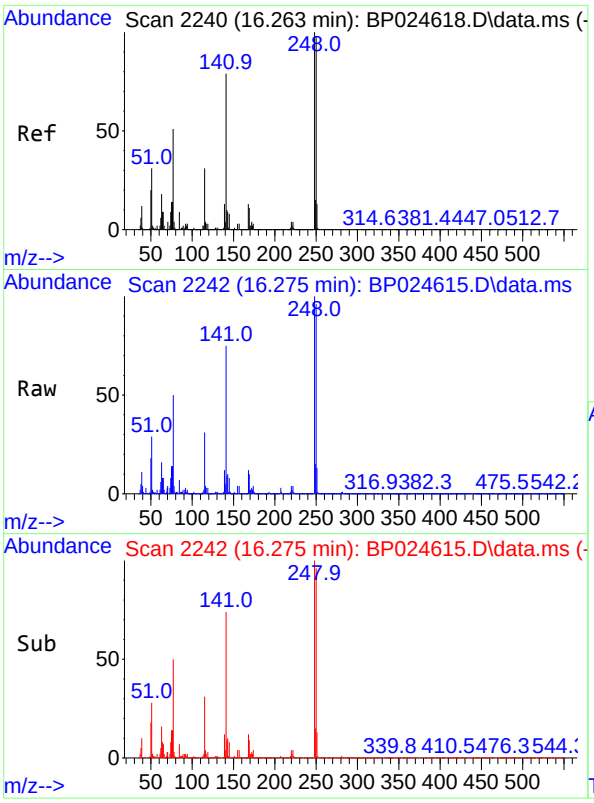


#66
n-Nitrosodiphenylamine
Concen: 4.90 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:169 Resp: 80078

Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.2	79.8
167	36.5	28.6	43.0



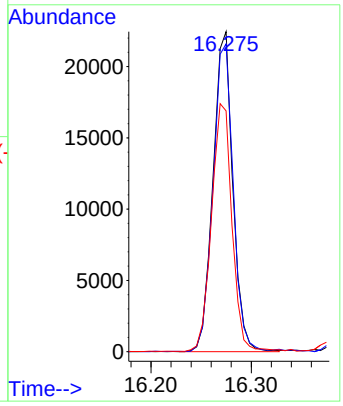


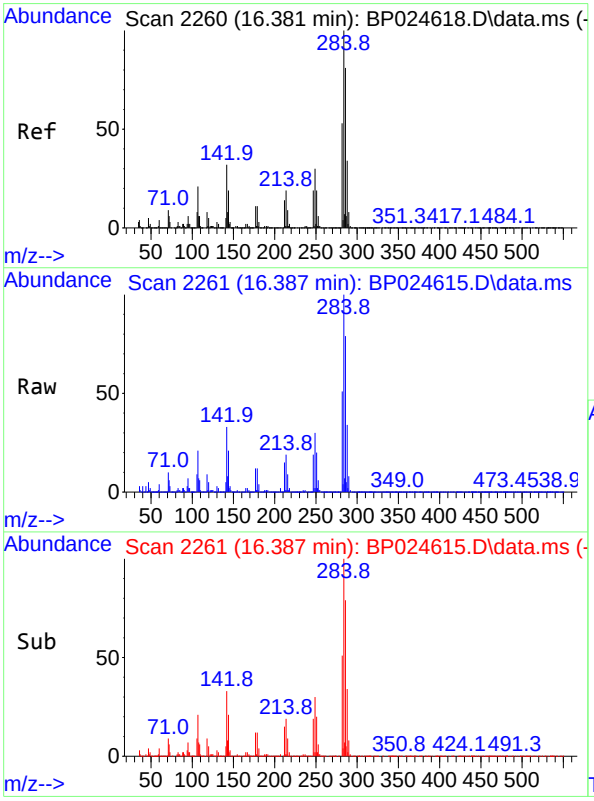
#67
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 16.275 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 30702

Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.2	117.4
141	75.3	63.0	94.6

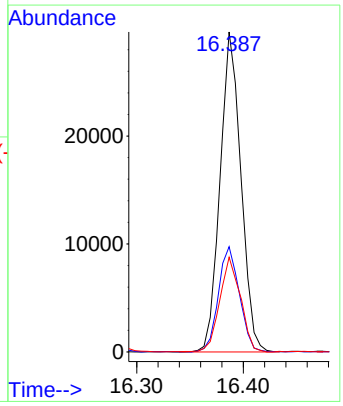


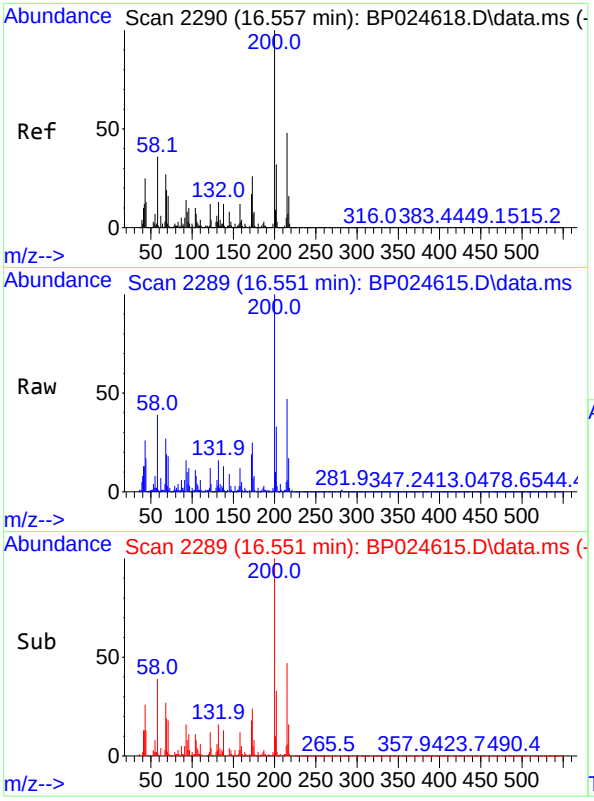


#68
Hexachlorobenzene
Concen: 5.06 ng
RT: 16.387 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:284 Resp: 40234

Ion	Ratio	Lower	Upper
284	100		
142	32.9	25.9	38.9
249	29.6	24.1	36.1



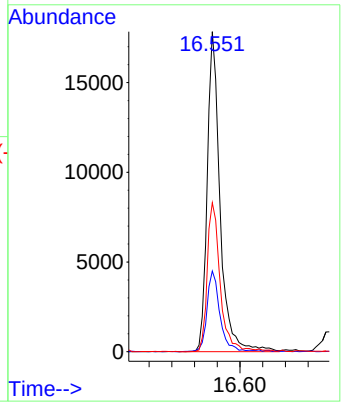


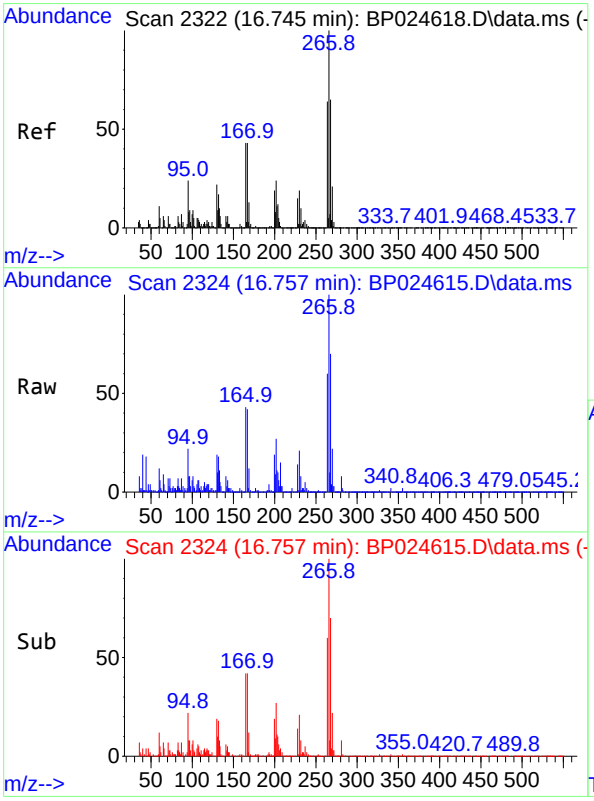
#69
Atrazine
Concen: 4.66 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 27909

Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.9	45.9
215	46.5	28.3	68.3

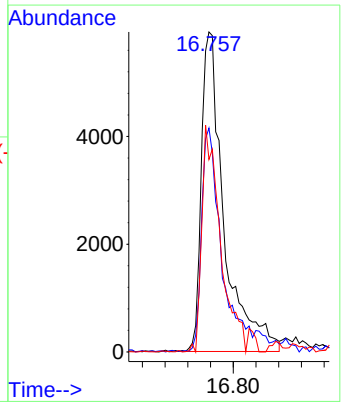


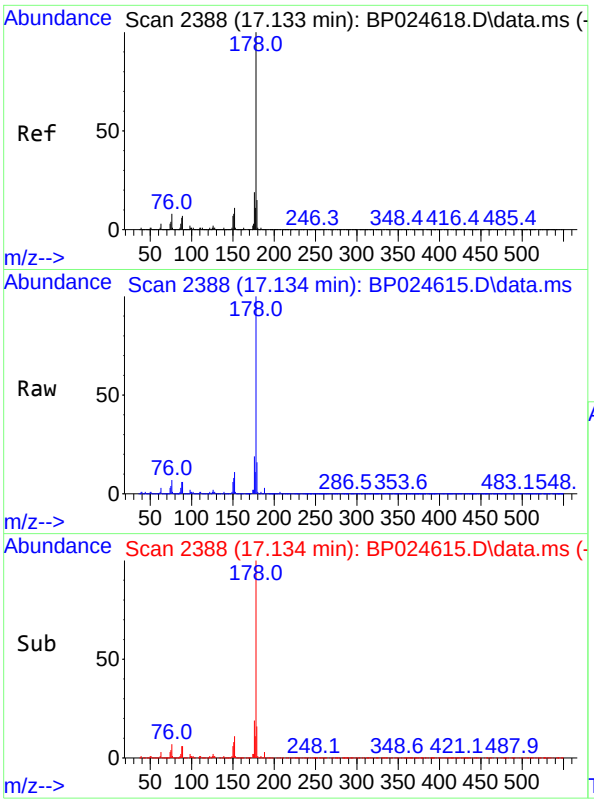


#70
Pentachlorophenol
Concen: 3.68 ng
RT: 16.757 min Scan# 2324
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:266 Resp: 16456

Ion	Ratio	Lower	Upper
266	100		
268	69.9	52.2	78.4
264	60.1	51.1	76.7



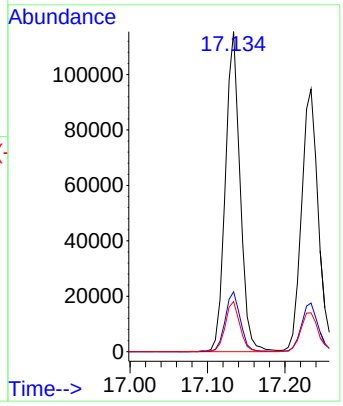


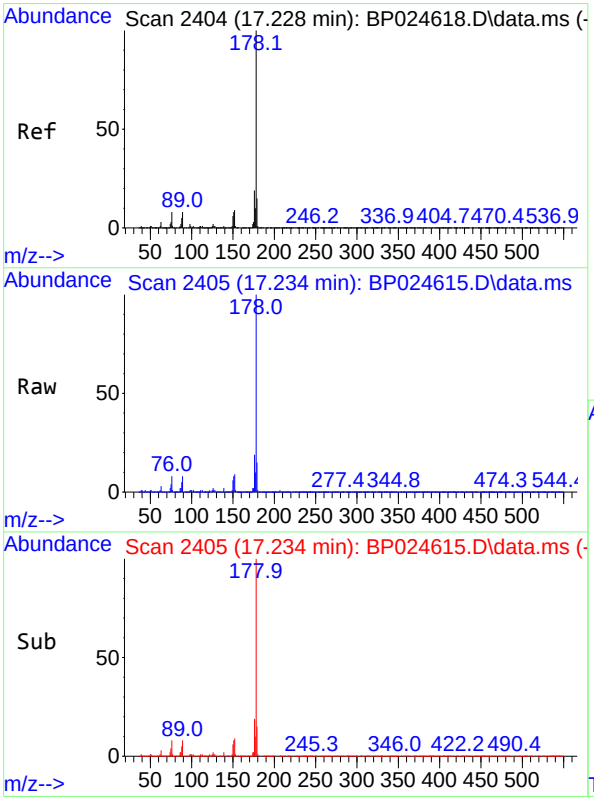
#71
Phenanthrene
Concen: 5.14 ng
RT: 17.134 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 152030

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.7	12.2	18.4

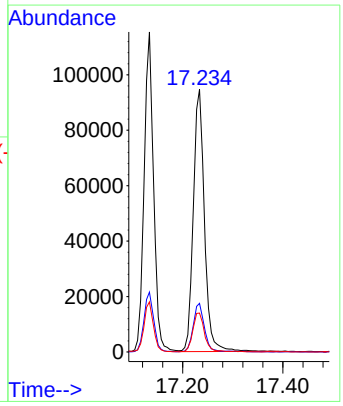


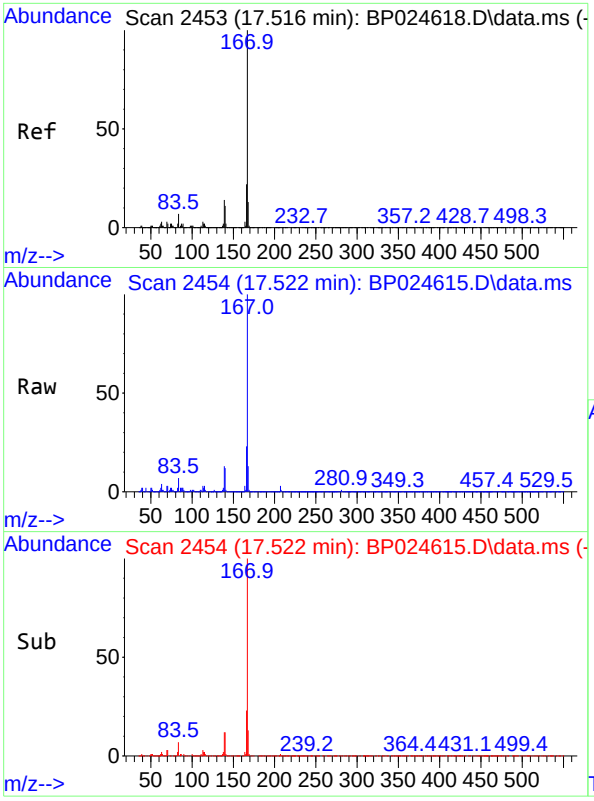


#72
Anthracene
Concen: 4.90 ng
RT: 17.234 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:178 Resp: 145809

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	14.8	12.2	18.2



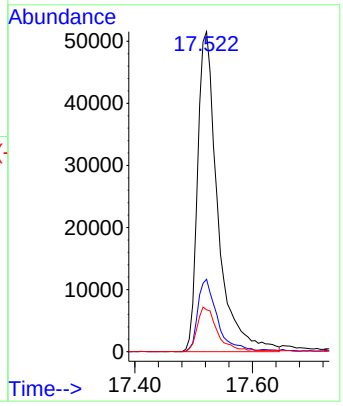


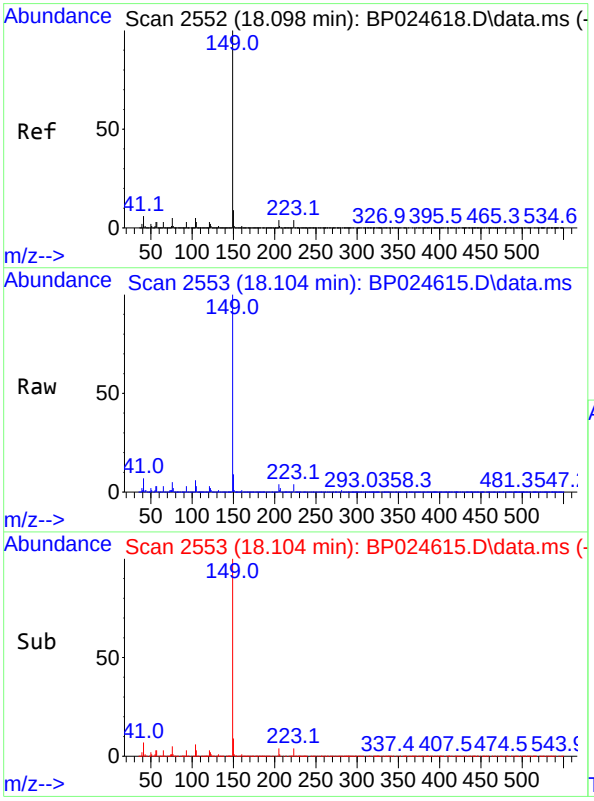
#73
Carbazole
Concen: 4.56 ng
RT: 17.522 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:167 Resp: 122666

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.7	26.5
139	13.1	11.3	16.9

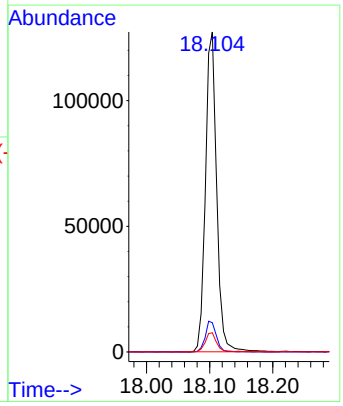


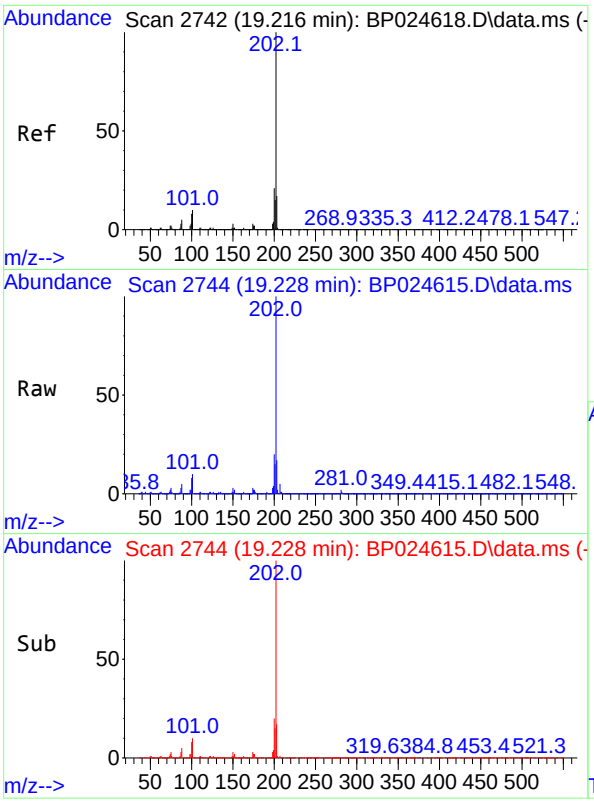


#74
Di-n-butylphthalate
Concen: 4.54 ng
RT: 18.104 min Scan# 2553
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:149 Resp: 157014

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	6.0	4.3	6.5



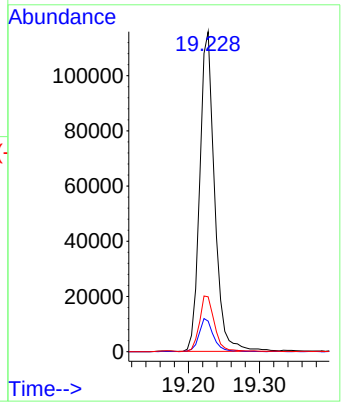


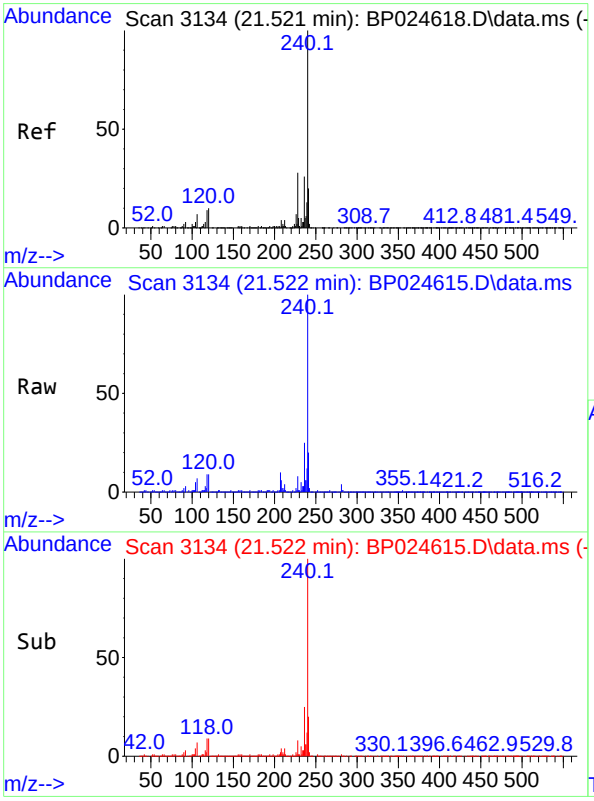
#75
Fluoranthene
Concen: 4.89 ng
RT: 19.228 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 168865

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.3
203	17.2	0.0	37.5

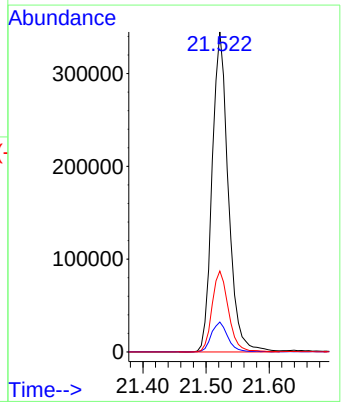


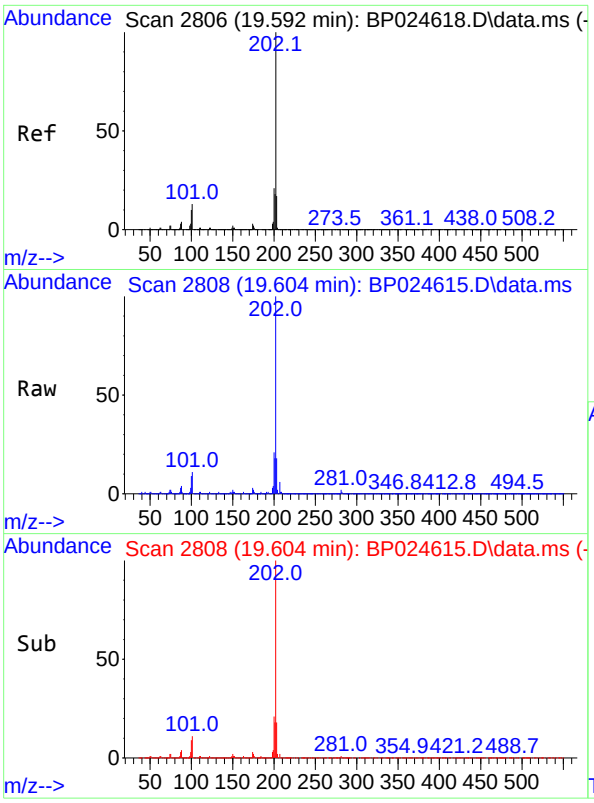


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:240 Resp: 614288

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.8	11.6
236	25.3	20.6	31.0



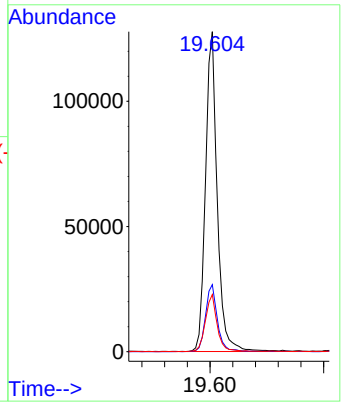


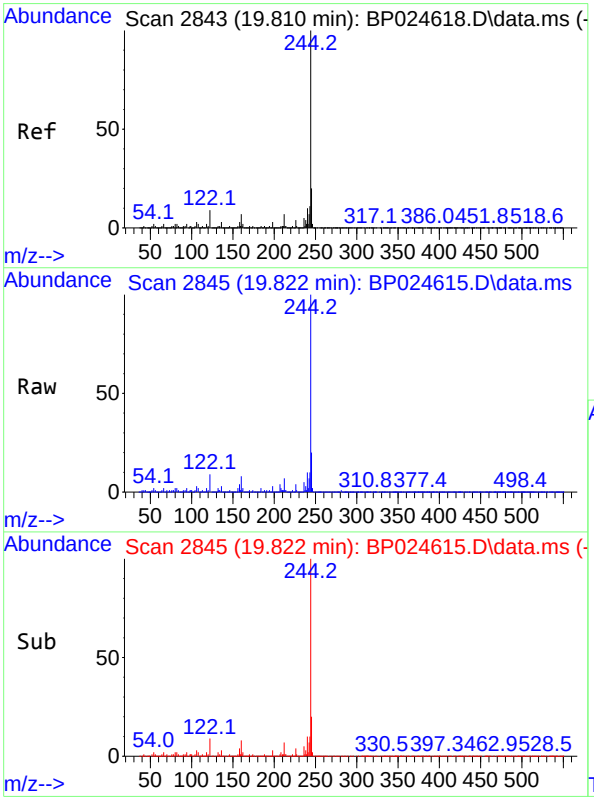
#78
Pyrene
Concen: 4.94 ng
RT: 19.604 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 181817

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.8	13.9	20.9

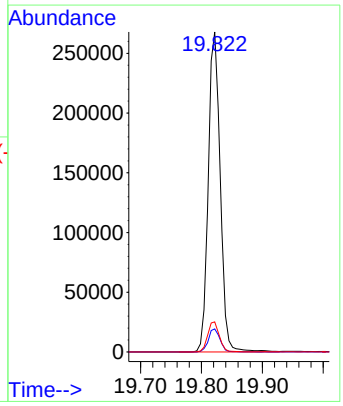


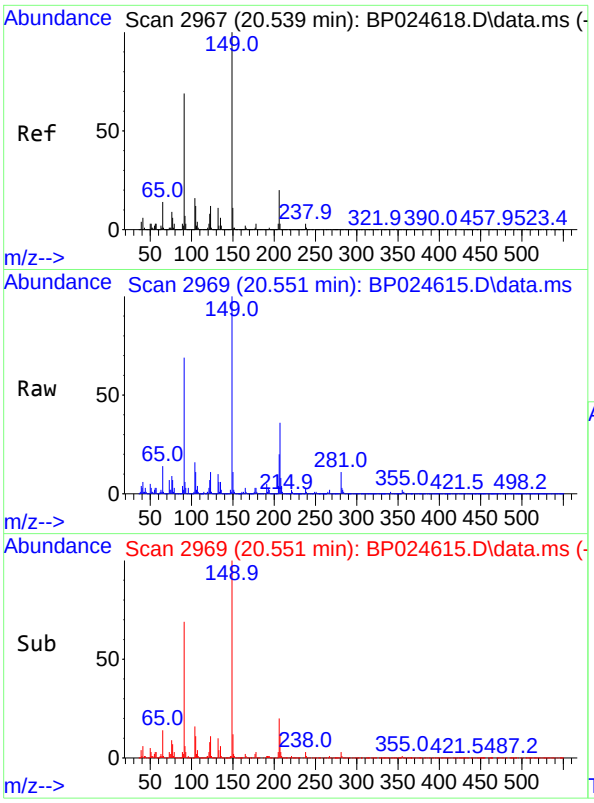


#79
Terphenyl-d14
Concen: 10.22 ng
RT: 19.822 min Scan# 2845
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:244 Resp: 366245

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	9.4	7.4	11.0



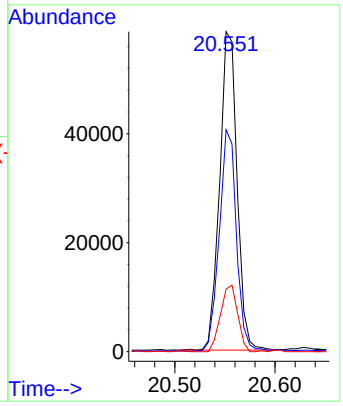


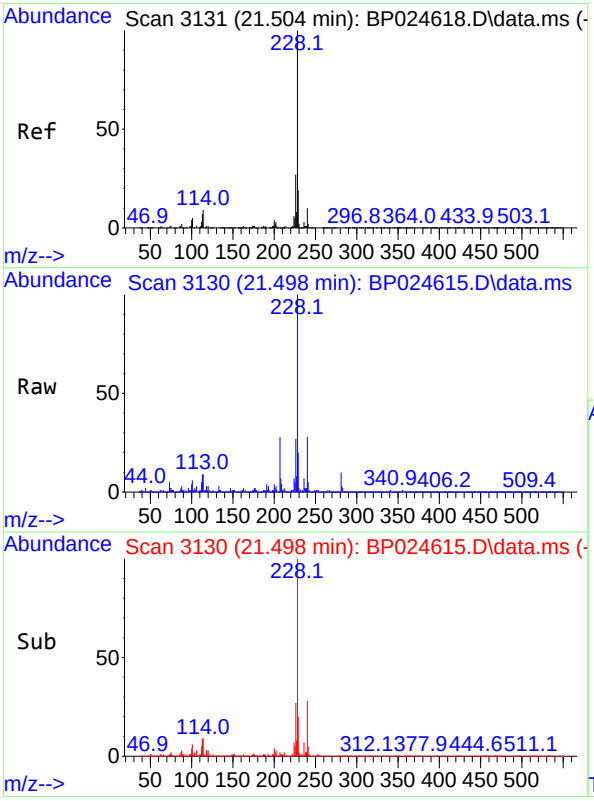
#80
Butylbenzylphthalate
Concen: 4.30 ng
RT: 20.551 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 70341

Ion	Ratio	Lower	Upper
149	100		
91	69.3	55.4	83.0
206	19.5	16.2	24.2

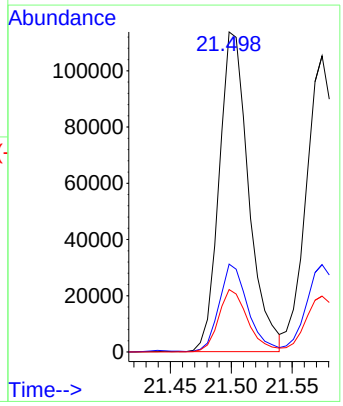


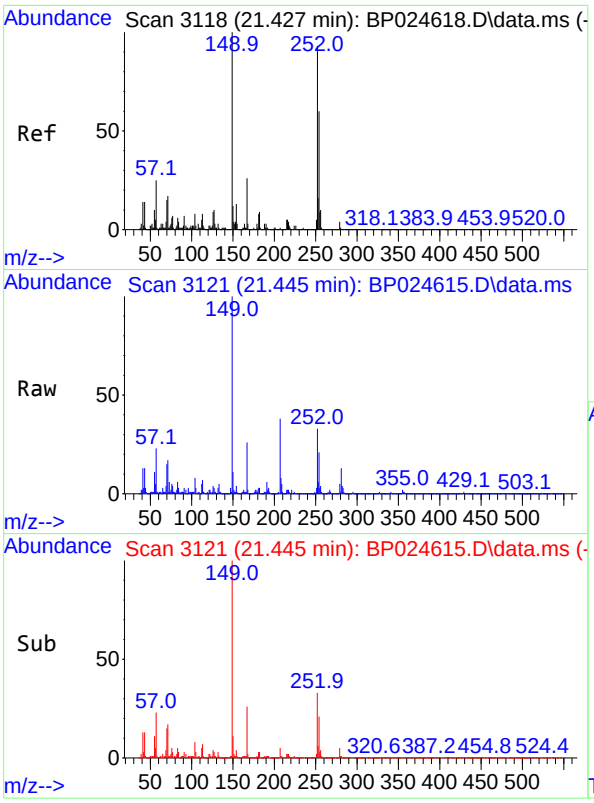


#81
Benzo(a)anthracene
Concen: 4.98 ng
RT: 21.498 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:228 Resp: 192110

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.4	32.0
229	19.5	15.5	23.3



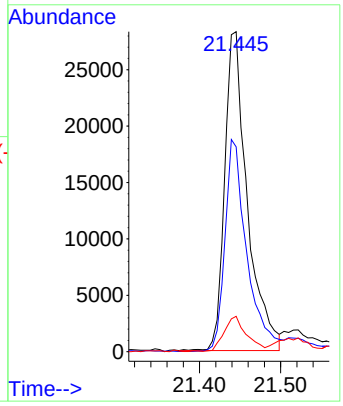


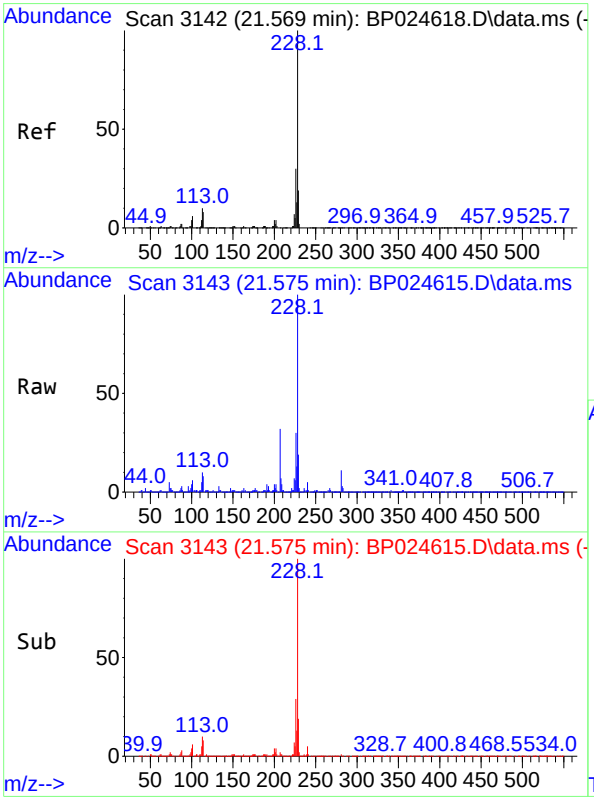
#82
3,3'-Dichlorobenzidine
Concen: 3.82 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 54793

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.8	77.6
126	11.0	7.7	11.5

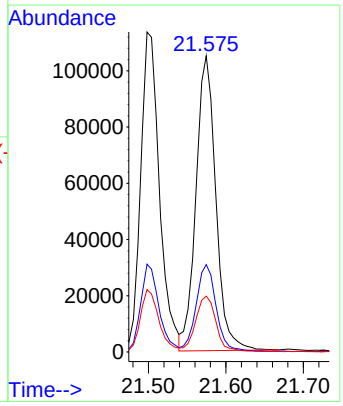


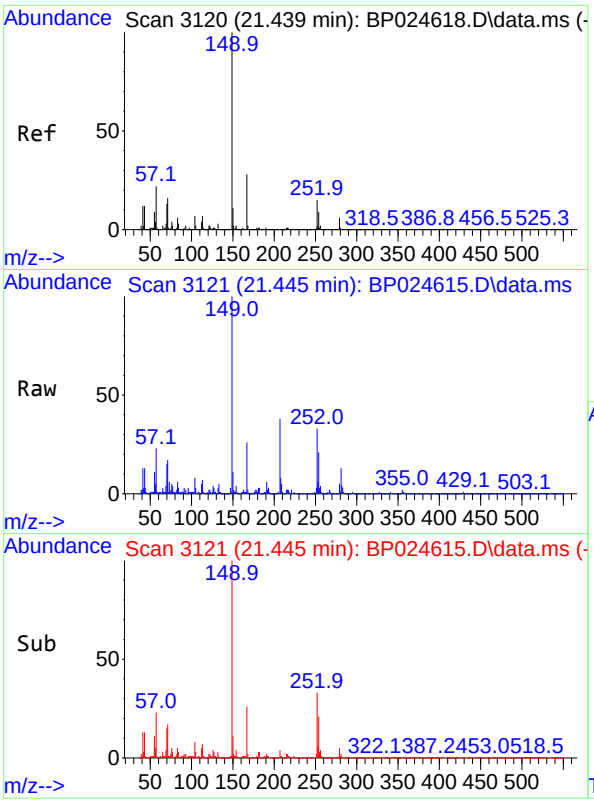


#83
Chrysene
Concen: 5.10 ng
RT: 21.575 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:228 Resp: 186449

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	18.9	15.5	23.3



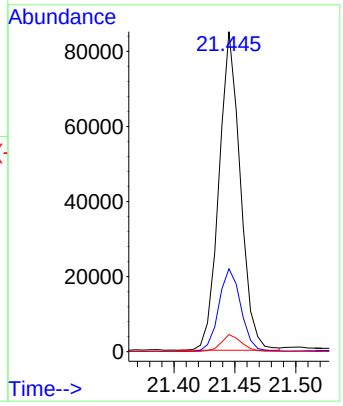


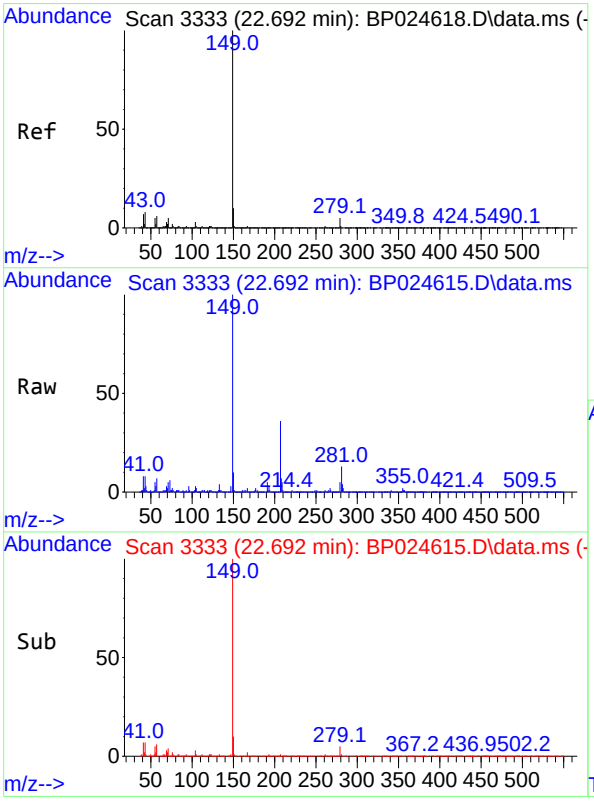
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.29 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 103286

Ion	Ratio	Lower	Upper
149	100		
167	25.9	22.1	33.1
279	5.4	4.6	6.8

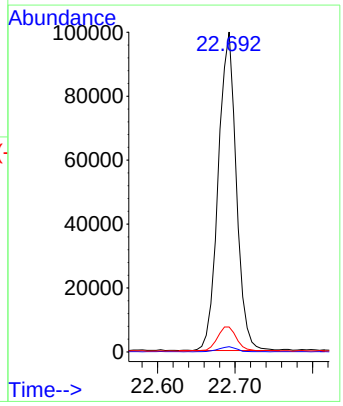


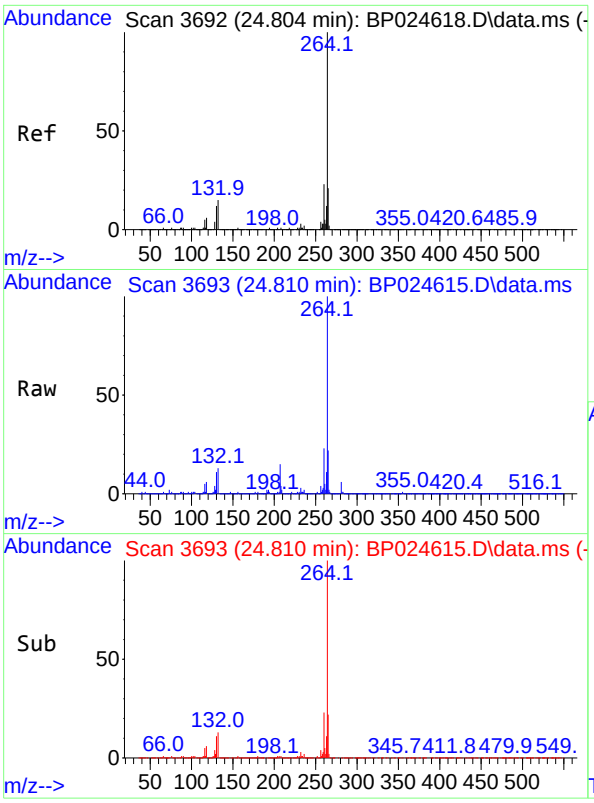


#85
Di-n-octyl phthalate
Concen: 4.09 ng
RT: 22.692 min Scan# 3333
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:149 Resp: 160883

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.2	6.3	9.5



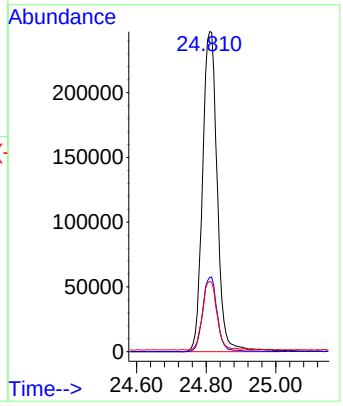


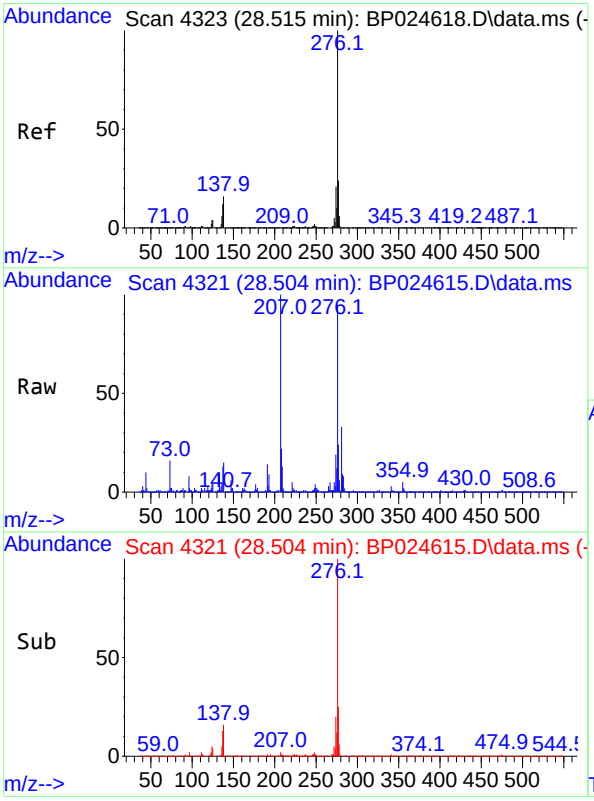
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 724260

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	22.0	17.0	25.6

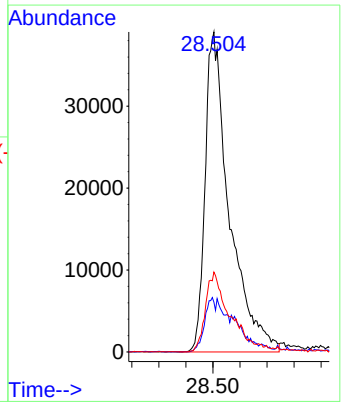


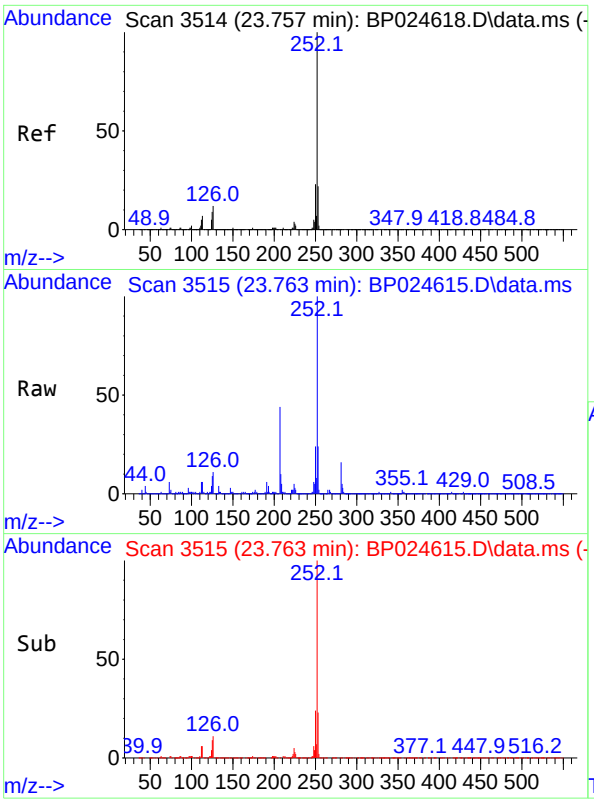


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.59 ng
RT: 28.504 min Scan# 4321
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:276 Resp: 242814

Ion	Ratio	Lower	Upper
276	100		
138	7.4	11.2	16.8#
277	24.4	15.7	23.5#



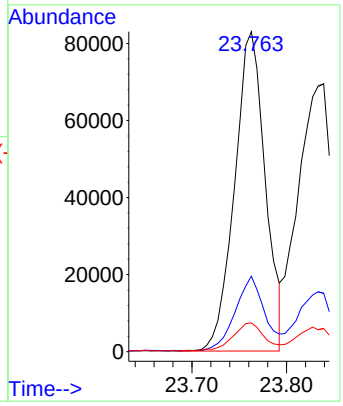


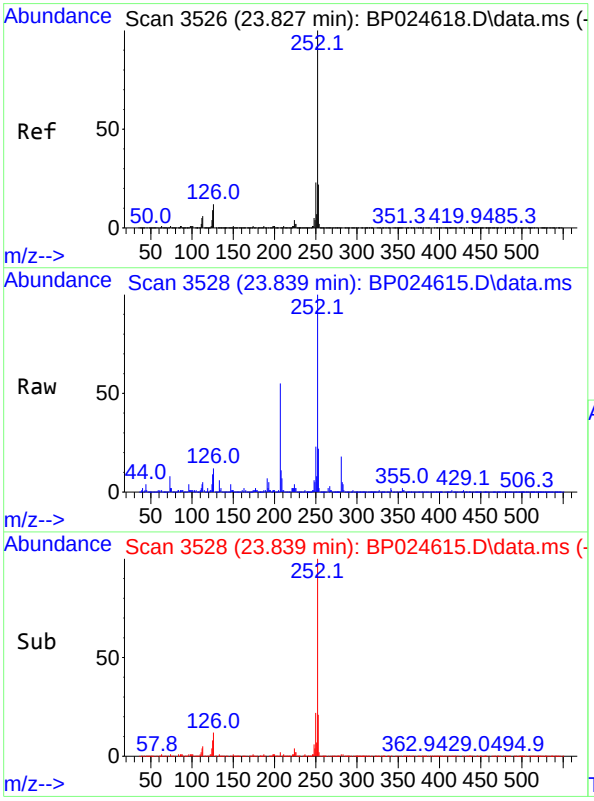
#88
Benzo(b)fluoranthene
Concen: 4.49 ng
RT: 23.763 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 186058

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	9.0	7.5	11.3

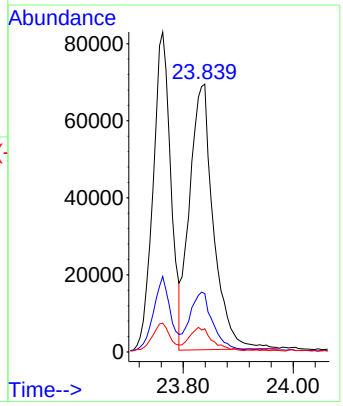


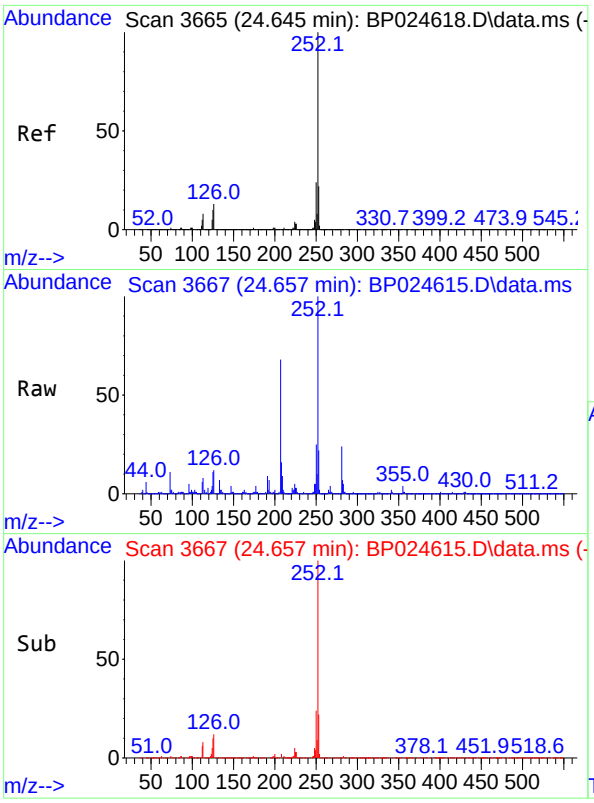


#89
Benzo(k)fluoranthene
Concen: 4.86 ng
RT: 23.839 min Scan# 3528
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:252 Resp: 207645

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.7	7.0	10.4



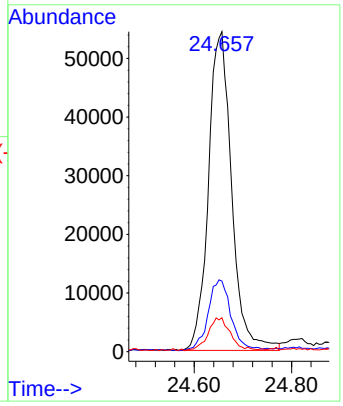


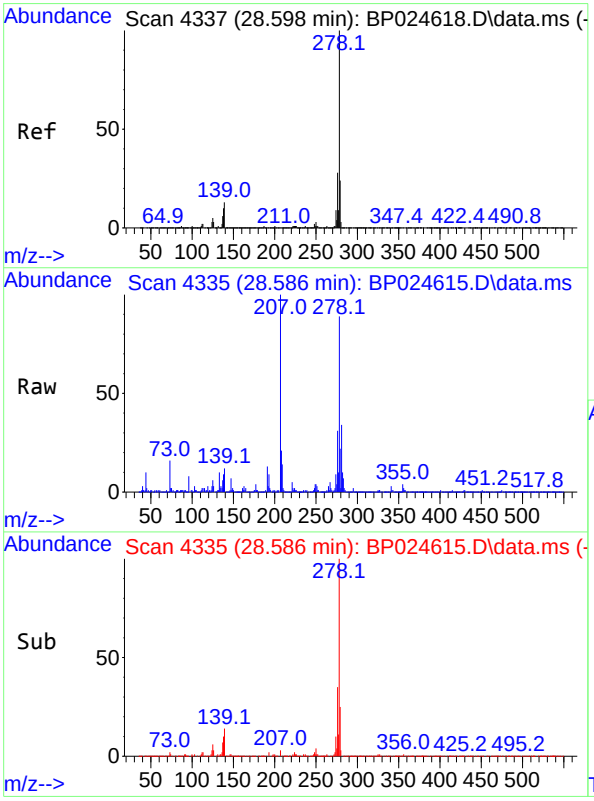
#90
Benzo(a)pyrene
Concen: 4.52 ng
RT: 24.657 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 180157

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.6	8.1	12.1

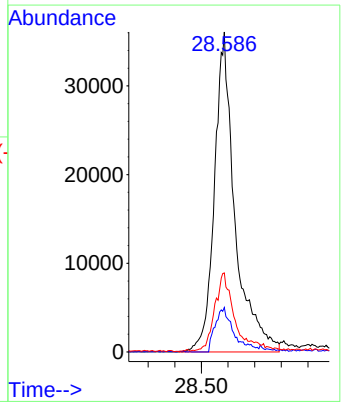


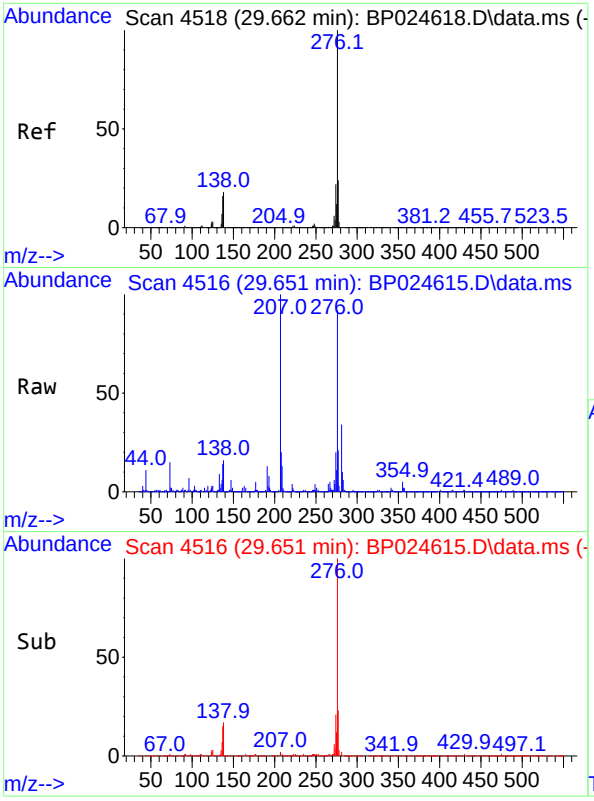


#91
Dibenzo(a,h)anthracene
Concen: 4.50 ng
RT: 28.586 min Scan# 4335
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:278 Resp: 193373

Ion	Ratio	Lower	Upper
278	100		
139	13.9	10.2	15.4
279	24.7	19.0	28.4



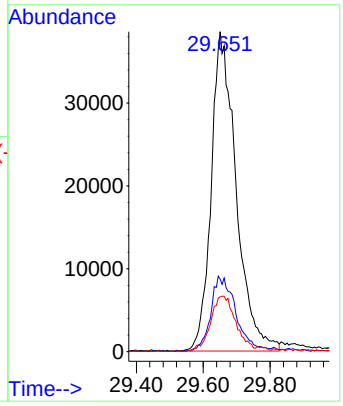


#92
Benzo(g,h,i)perylene
Concen: 4.66 ng
RT: 29.651 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 199361

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.0	28.4
138	17.2	14.4	21.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024616.D
Acq On : 13 May 2025 12:03
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: May 13 16:04:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	94972	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	398657	20.00	ng		0.00
39) Acenaphthene-d10	14.292	164	268335	20.00	ng		-0.01
64) Phenanthrene-d10	17.098	188	556673	20.00	ng		0.00
76) Chrysene-d12	21.516	240	659092	20.00	ng		0.00
86) Perylene-d12	24.798	264	780142	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	104115	18.75	ng		0.00
7) Phenol-d6	6.858	99	127652	18.01	ng		0.00
23) Nitrobenzene-d5	8.810	82	149876	19.00	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	86099	18.93	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	401986	19.63	ng		0.00
79) Terphenyl-d14	19.822	244	733687	19.09	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	26472	10.15	ng		99
3) Pyridine	3.634	79	53915	9.33	ng		98
4) n-Nitrosodimethylamine	3.540	42	24093	9.44	ng	#	96
6) Aniline	7.005	93	80863	8.84	ng		99
8) 2-Chlorophenol	7.240	128	57182	9.07	ng		99
9) Benzaldehyde	6.822	77	47848m	10.45	ng		
10) Phenol	6.881	94	66520	9.09	ng		96
11) bis(2-Chloroethyl)ether	7.093	93	55575	9.25	ng		99
12) 1,3-Dichlorobenzene	7.557	146	70590	9.73	ng		100
13) 1,4-Dichlorobenzene	7.699	146	71467	9.80	ng		99
14) 1,2-Dichlorobenzene	8.010	146	69643	9.80	ng		96
15) Benzyl Alcohol	7.916	79	45094	8.37	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	68599	9.53	ng		98
17) 2-Methylphenol	8.116	107	45071	8.59	ng		96
18) Hexachloroethane	8.728	117	28078	10.05	ng		96
19) n-Nitroso-di-n-propyla...	8.463	70	45927	9.37	ng		96
20) 3+4-Methylphenols	8.446	107	61832	8.66	ng		95
22) Acetophenone	8.481	105	95803	9.62	ng	#	99
24) Nitrobenzene	8.857	77	67735	9.76	ng		98
25) Isophorone	9.375	82	127474	9.31	ng		99
26) 2-Nitrophenol	9.563	139	28470	8.37	ng		94
27) 2,4-Dimethylphenol	9.628	122	55664	9.28	ng		98
28) bis(2-Chloroethoxy)met...	9.851	93	78019	9.54	ng		97
29) 2,4-Dichlorophenol	10.110	162	51386	8.84	ng		98
30) 1,2,4-Trichlorobenzene	10.304	180	64245	9.81	ng		96
31) Naphthalene	10.481	128	204468	9.90	ng		99
32) Benzoic acid	9.746	122	17770m	10.42	ng		
33) 4-Chloroaniline	10.610	127	73990	8.88	ng		99
34) Hexachlorobutadiene	10.769	225	42567	10.03	ng		97
35) Caprolactam	11.381	113	18245m	8.68	ng		
36) 4-Chloro-3-methylphenol	11.746	107	64857	9.15	ng		98
37) 2-Methylnaphthalene	12.098	142	130412	9.75	ng		100
38) 1-Methylnaphthalene	12.316	142	139573	9.75	ng		100
40) 1,2,4,5-Tetrachloroben...	12.475	216	74824	9.60	ng		100
41) Hexachlorocyclopentadiene	12.451	237	37072	7.85	ng		98
43) 2,4,6-Trichlorophenol	12.722	196	45798	9.07	ng		96

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024616.D
Acq On : 13 May 2025 12:03
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: May 13 16:04:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	50348	8.96	ng		94
46) 1,1'-Biphenyl	13.122	154	192445	9.70	ng		100
47) 2-Chloronaphthalene	13.163	162	148443	9.82	ng		99
48) 2-Nitroaniline	13.375	65	40786	9.11	ng		93
49) Acenaphthylene	14.010	152	243913	9.64	ng		98
50) Dimethylphthalate	13.751	163	204825	10.01	ng		99
51) 2,6-Dinitrotoluene	13.869	165	41257	9.55	ng		92
52) Acenaphthene	14.357	154	141360	9.72	ng		99
53) 3-Nitroaniline	14.216	138	36906	8.37	ng		99
54) 2,4-Dinitrophenol	14.439	184	13128	10.84	ng		95
55) Dibenzofuran	14.704	168	230286	9.92	ng		99
56) 4-Nitrophenol	14.575	139	21349	9.53	ng		93
57) 2,4-Dinitrotoluene	14.675	165	56617	9.30	ng		94
58) Fluorene	15.357	166	189781	10.03	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.939	232	48821	9.37	ng		99
60) Diethylphthalate	15.134	149	206886	10.01	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	93517	9.91	ng		97
62) 4-Nitroaniline	15.404	138	34813m	8.11	ng		
63) Azobenzene	15.657	77	174322	9.86	ng		98
65) 4,6-Dinitro-2-methylph...	15.457	198	26174	7.28	ng		96
66) n-Nitrosodiphenylamine	15.575	169	164008	9.59	ng		99
67) 4-Bromophenyl-phenylether	16.269	248	62011	9.45	ng		97
68) Hexachlorobenzene	16.392	284	80088	9.61	ng		98
69) Atrazine	16.551	200	58245	9.30	ng		99
70) Pentachlorophenol	16.757	266	38095m	8.14	ng		
71) Phenanthrene	17.139	178	301863	9.75	ng		100
72) Anthracene	17.239	178	296146	9.51	ng		100
73) Carbazole	17.522	167	262687	9.32	ng		100
74) Di-n-butylphthalate	18.116	149	338893	9.35	ng		100
75) Fluoranthene	19.227	202	349083	9.65	ng		99
77) Benzidine	19.445	184	119229m	6.59	ng		
78) Pyrene	19.604	202	374573	9.48	ng		100
80) Butylbenzylphthalate	20.551	149	153275	8.73	ng		99
81) Benzo(a)anthracene	21.498	228	401322	9.70	ng		99
82) 3,3'-Dichlorobenzidine	21.433	252	129324	8.41	ng		99
83) Chrysene	21.569	228	388846	9.91	ng		98
84) Bis(2-ethylhexyl)phtha...	21.439	149	225047	8.72	ng		100
85) Di-n-octyl phthalate	22.680	149	367934	8.72	ng		100
87) Indeno(1,2,3-cd)pyrene	28.503	276	529260	9.29	ng	#	92
88) Benzo(b)fluoranthene	23.751	252	417343	9.35	ng		99
89) Benzo(k)fluoranthene	23.821	252	431575	9.38	ng		99
90) Benzo(a)pyrene	24.627	252	390288	9.10	ng		100
91) Dibenzo(a,h)anthracene	28.574	278	415768	8.97	ng		99
92) Benzo(g,h,i)perylene	29.650	276	431559	9.37	ng		97

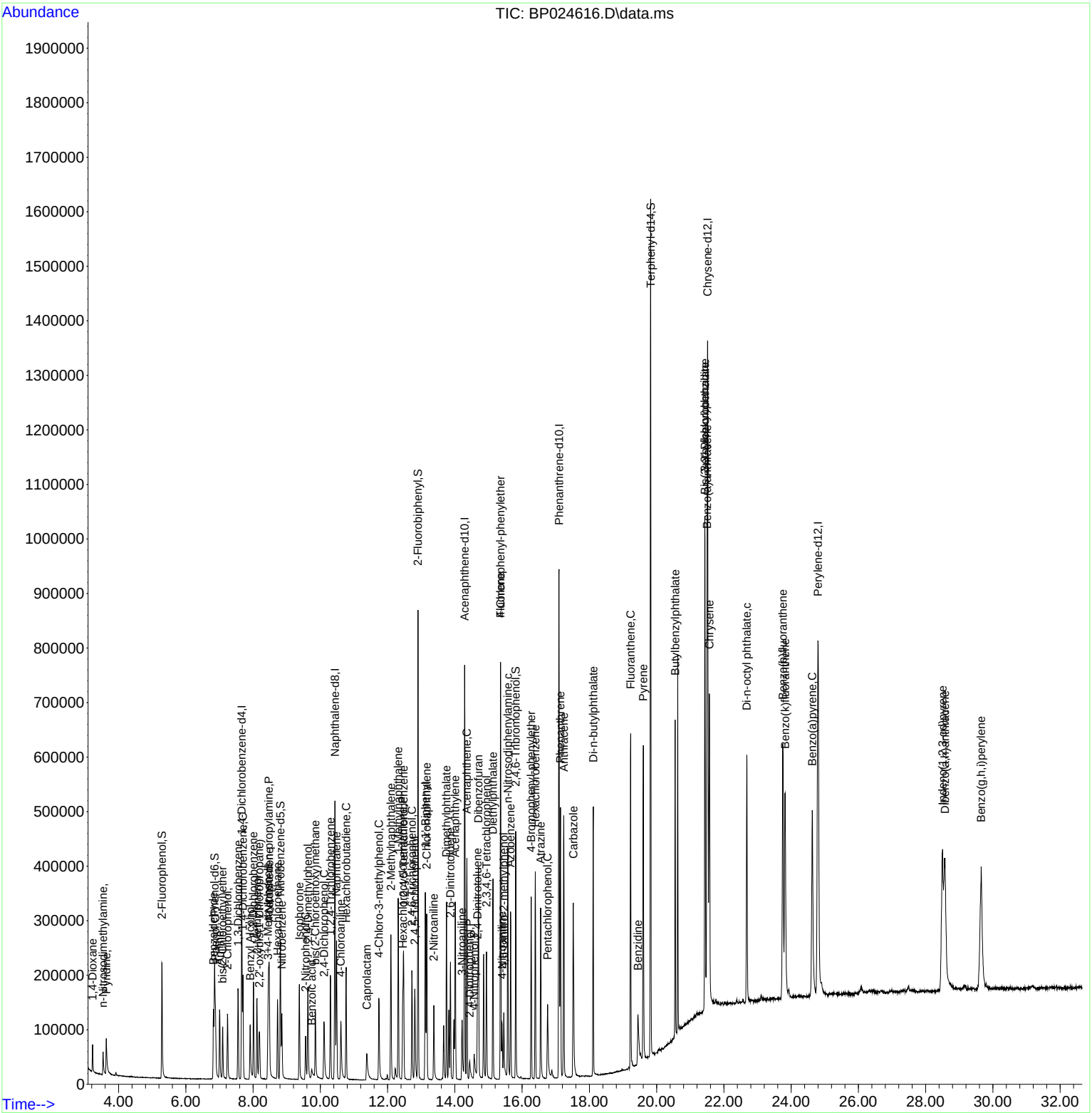
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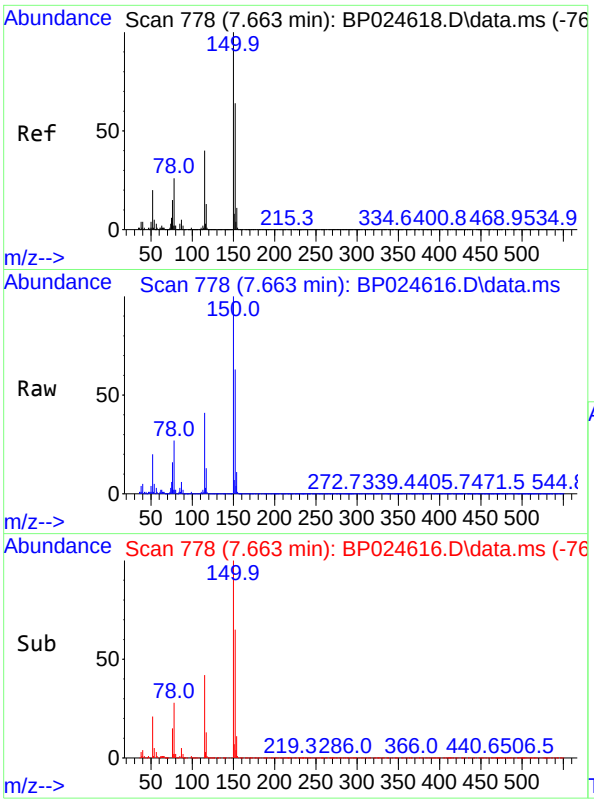
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024616.D
Acq On : 13 May 2025 12:03
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: May 13 16:04:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



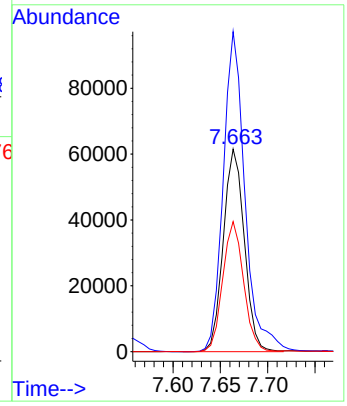


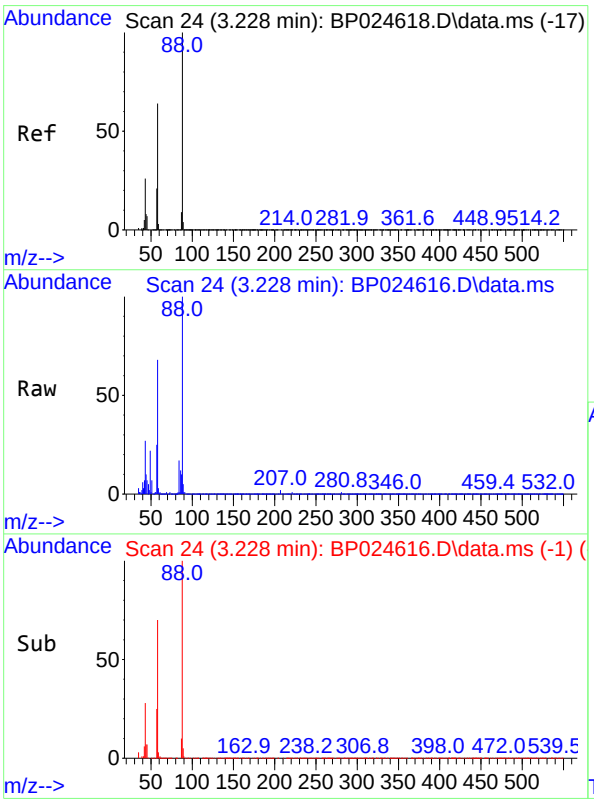
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 94972

Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.9	188.9
115	64.2	50.1	75.1

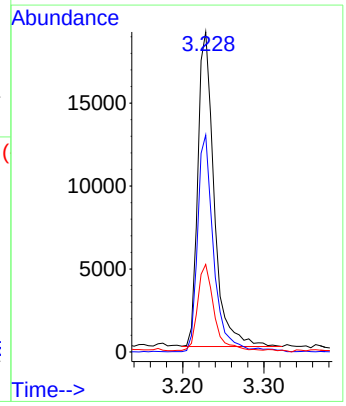


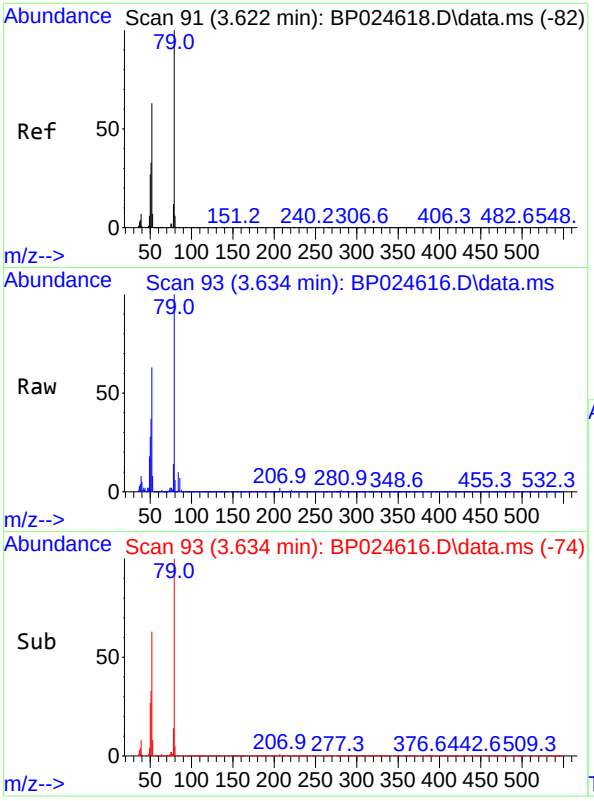


#2
1,4-Dioxane
Concen: 10.15 ng
RT: 3.228 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 88 Resp: 26472

Ion	Ratio	Lower	Upper
88	100		
58	67.6	54.0	81.0
43	27.8	21.4	32.0



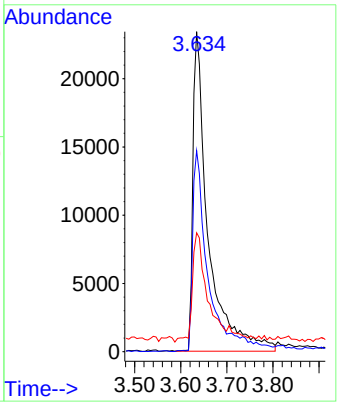


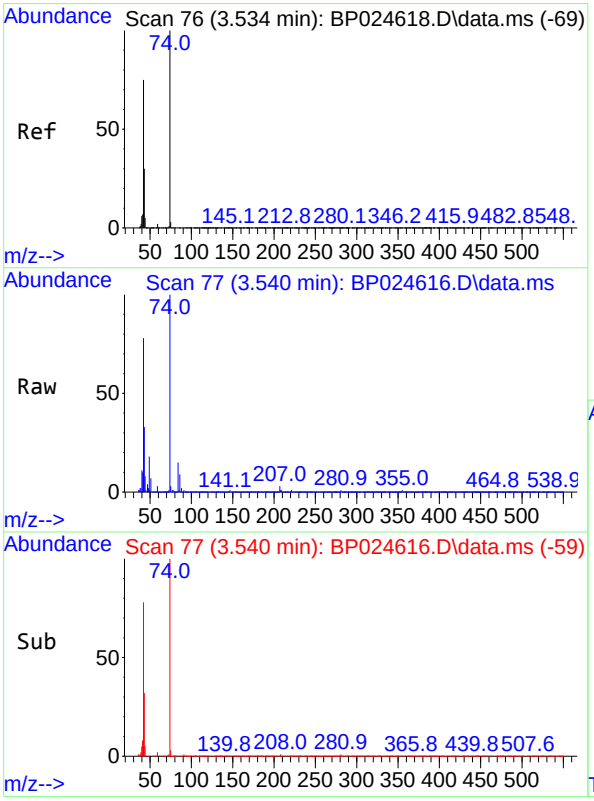
#3
Pyridine
Concen: 9.33 ng
RT: 3.634 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 53915

Ion	Ratio	Lower	Upper
79	100		
52	62.8	50.2	75.2
51	37.1	26.8	40.2

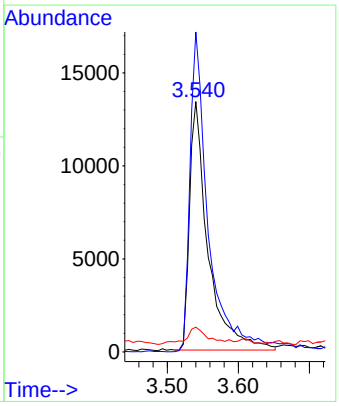


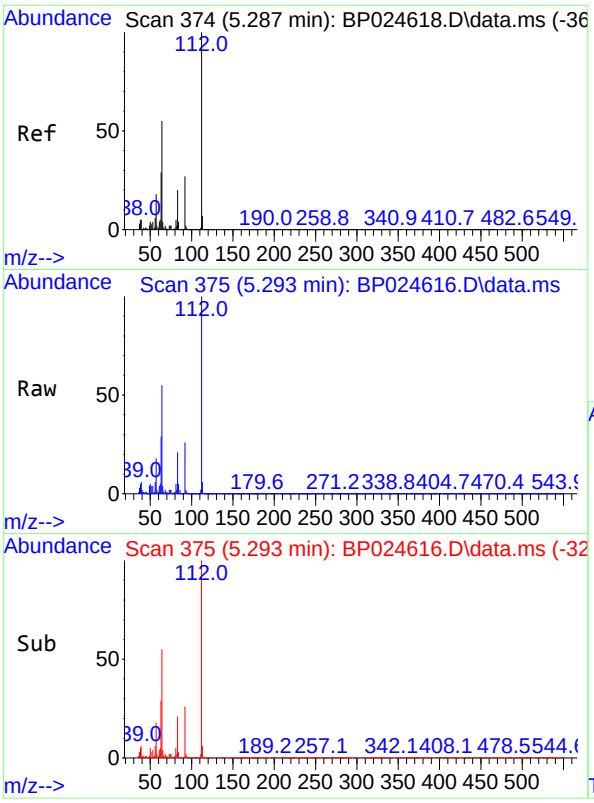


#4
n-Nitrosodimethylamine
Concen: 9.44 ng
RT: 3.540 min Scan# 77
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 42 Resp: 24093

Ion	Ratio	Lower	Upper
42	100		
74	127.8	106.2	159.2
44	9.9	5.4	8.2#



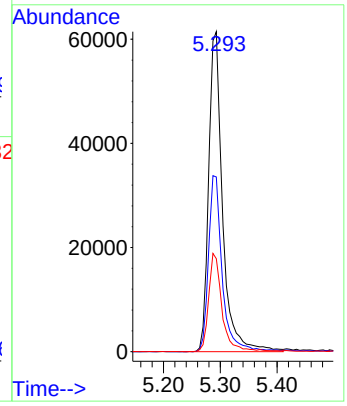


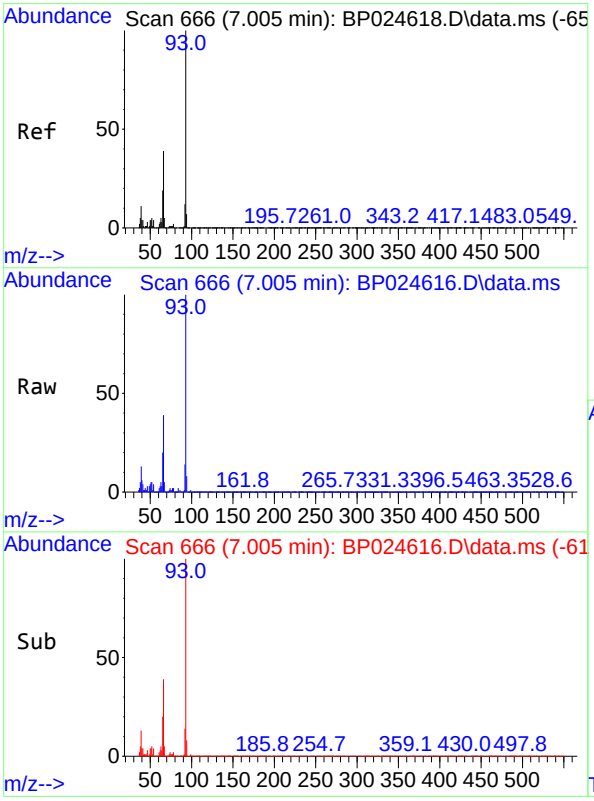
#5
2-Fluorophenol
Concen: 18.75 ng
RT: 5.293 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 104115

Ion	Ratio	Lower	Upper
112	100		
64	54.6	44.1	66.1
63	29.0	23.5	35.3

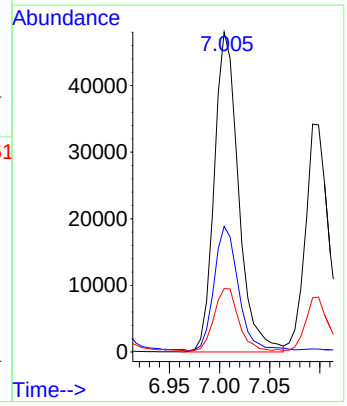


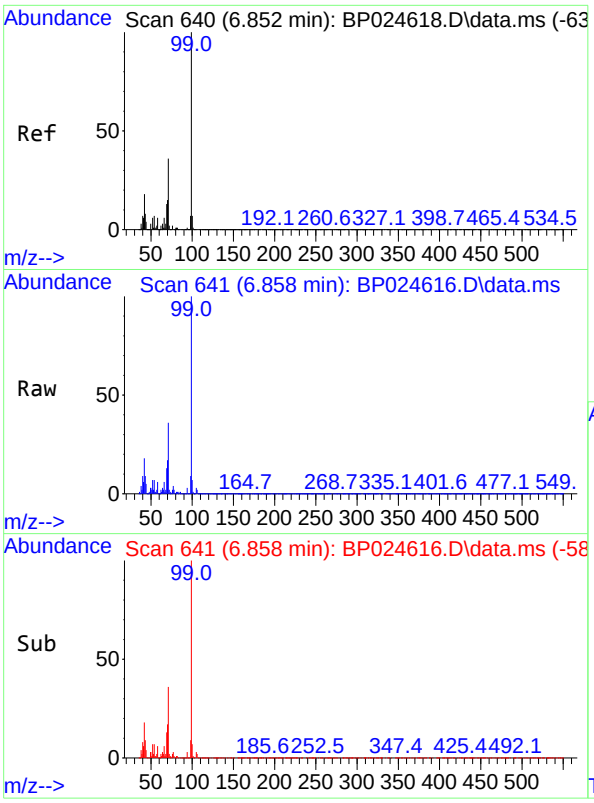


#6
Aniline
Concen: 8.84 ng
RT: 7.005 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 93 Resp: 80863

Ion	Ratio	Lower	Upper
93	100		
66	39.2	31.0	46.6
65	19.8	15.5	23.3



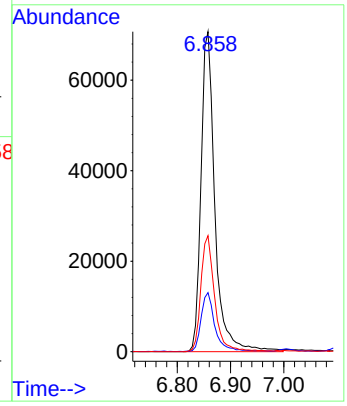


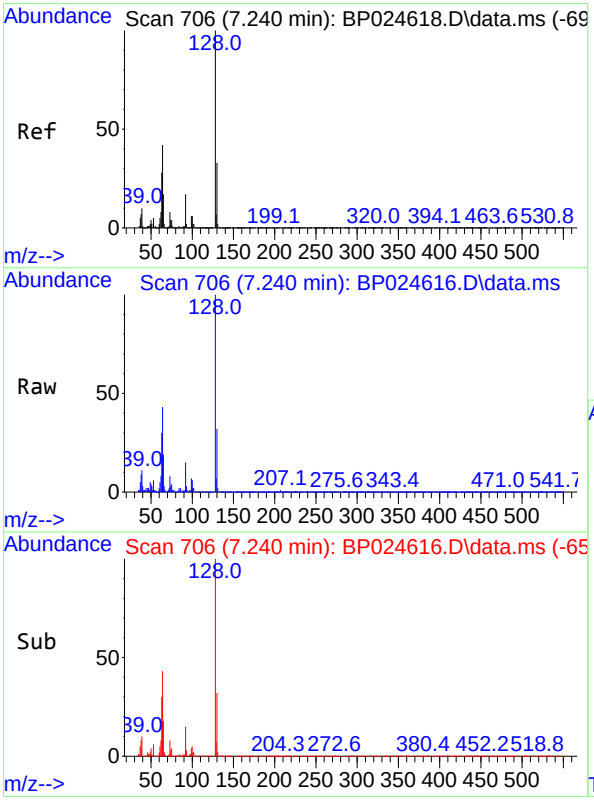
#7
Phenol-d6
Concen: 18.01 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 127652

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.4	21.6
71	36.3	29.2	43.8

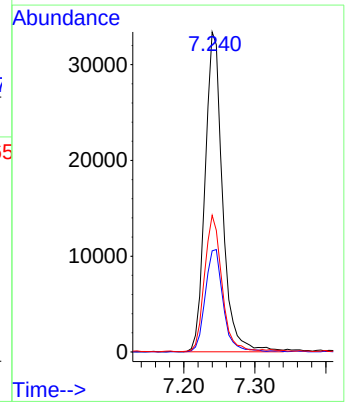


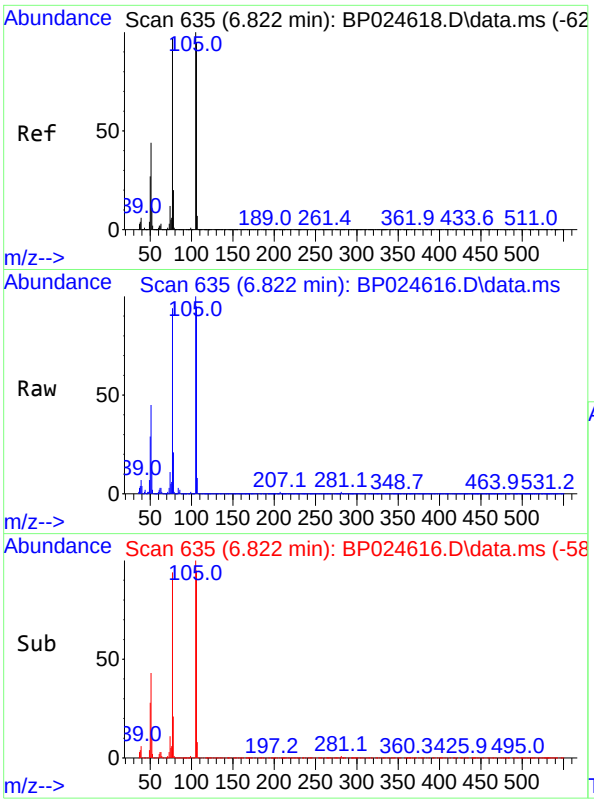


#8
2-Chlorophenol
Concen: 9.07 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:128 Resp: 57182

Ion	Ratio	Lower	Upper
128	100		
130	31.6	13.0	53.0
64	42.7	22.3	62.3



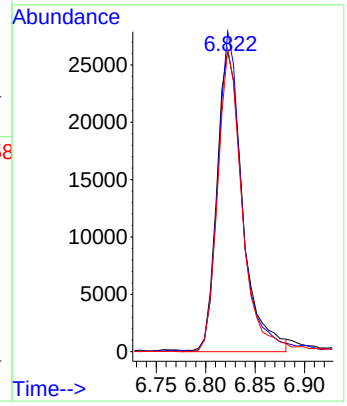


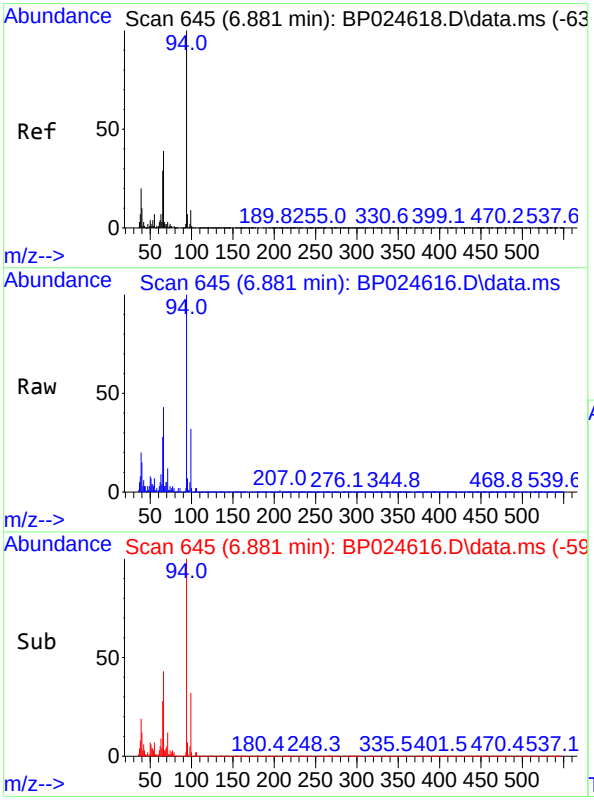
#9
Benzaldehyde
Concen: 10.45 ng m
RT: 6.822 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 47848

Ion	Ratio	Lower	Upper
77	100		
105	106.2	83.3	123.3
106	100.5	78.0	118.0

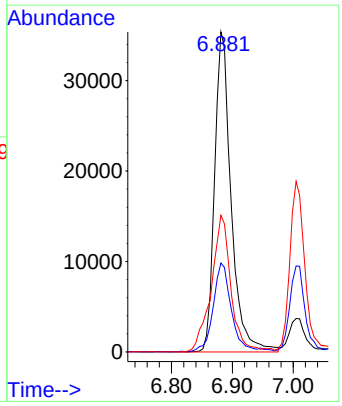


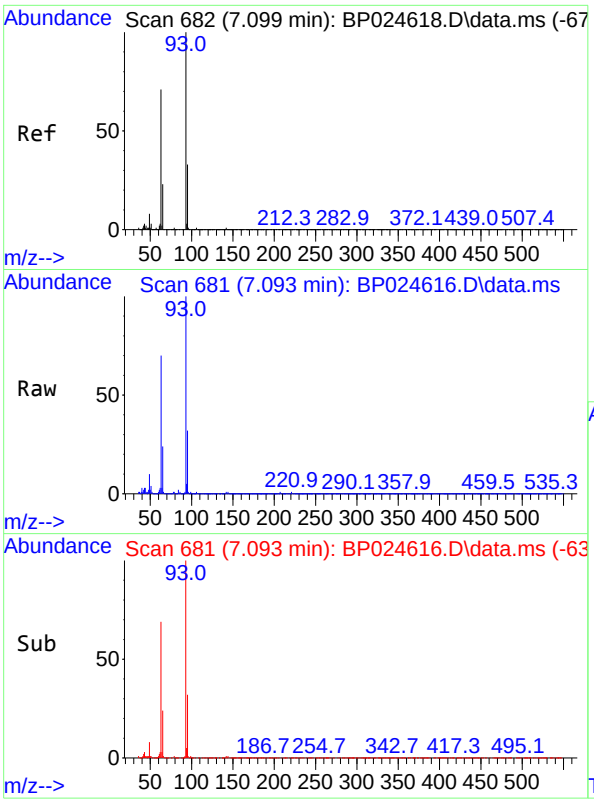


#10
Phenol
Concen: 9.09 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 94 Resp: 66520

Ion	Ratio	Lower	Upper
94	100		
65	27.8	8.7	48.7
66	42.7	19.4	59.4



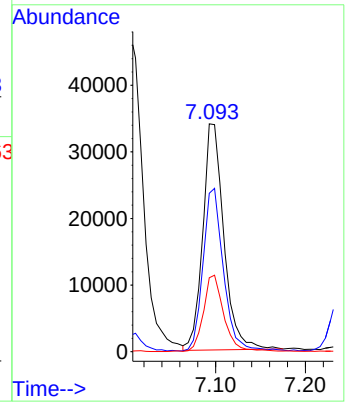


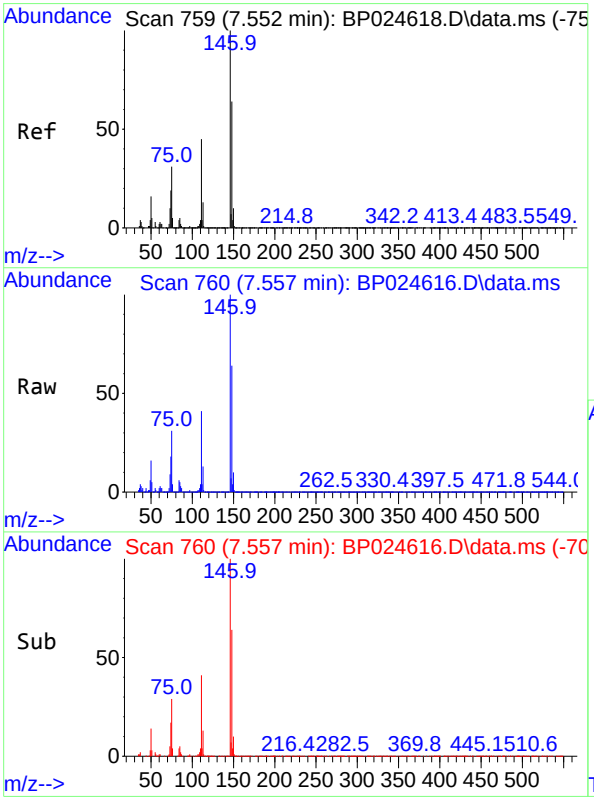
#11
bis(2-Chloroethyl)ether
Concen: 9.25 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 55575

Ion	Ratio	Lower	Upper
93	100		
63	69.5	50.6	90.6
95	32.4	12.9	52.9

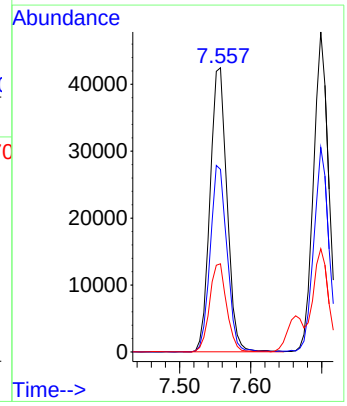


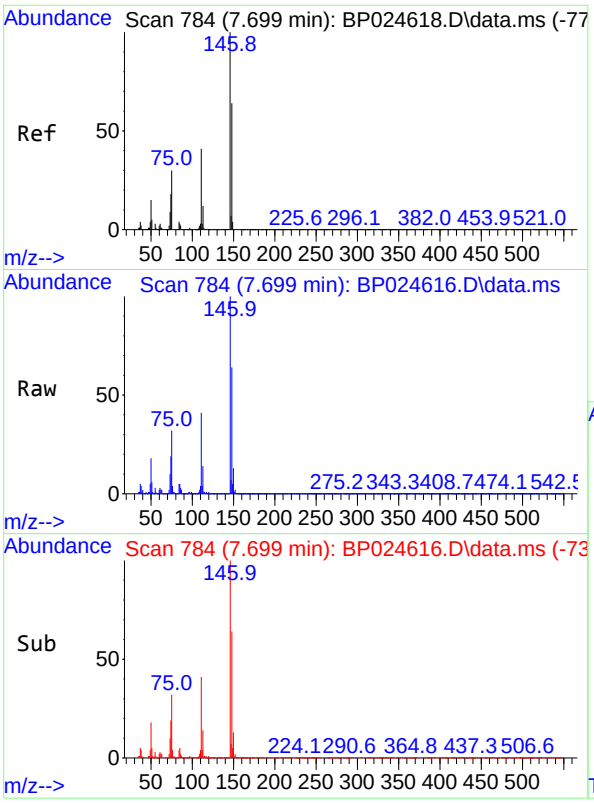


#12
1,3-Dichlorobenzene
Concen: 9.73 ng
RT: 7.557 min Scan# 760
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:146 Resp: 70590

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
75	31.1	25.2	37.8



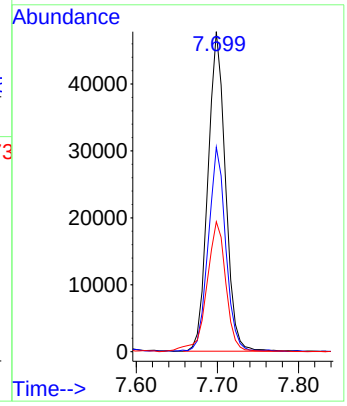


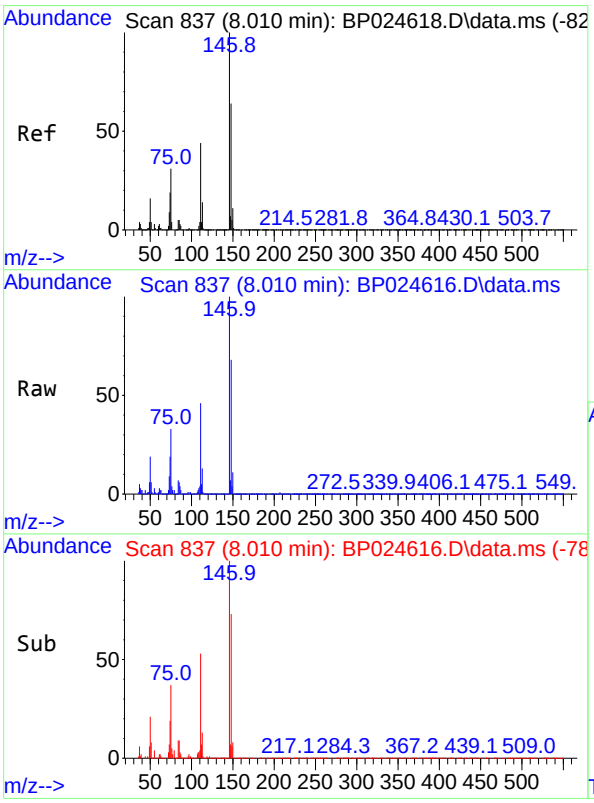
#13
1,4-Dichlorobenzene
Concen: 9.80 ng
RT: 7.699 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 71467

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	40.6	33.0	49.6

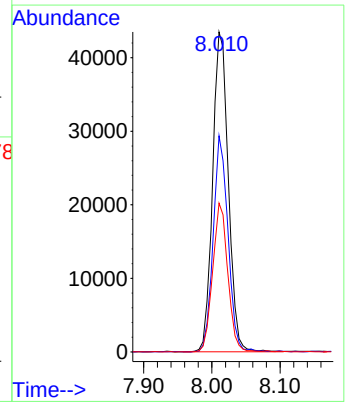


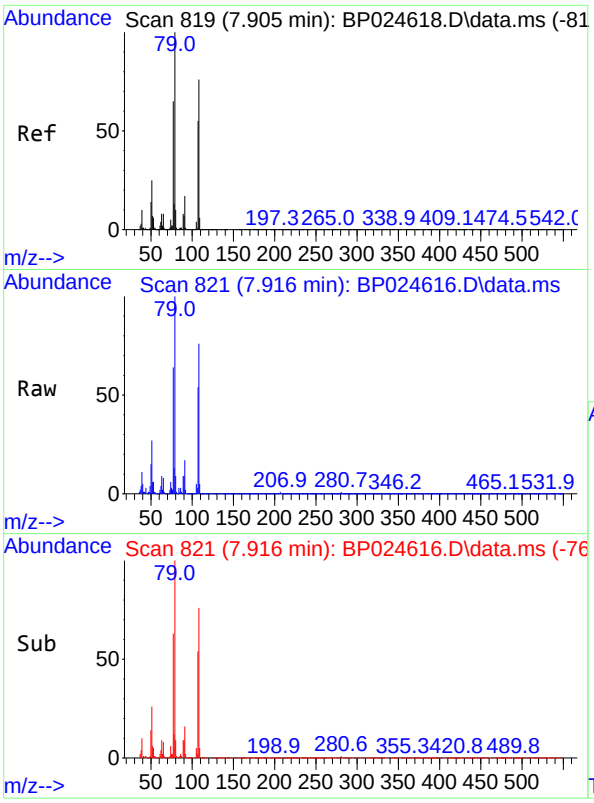


#14
1,2-Dichlorobenzene
Concen: 9.80 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:146 Resp: 69643

Ion	Ratio	Lower	Upper
146	100		
148	67.5	51.0	76.4
111	46.5	35.2	52.8



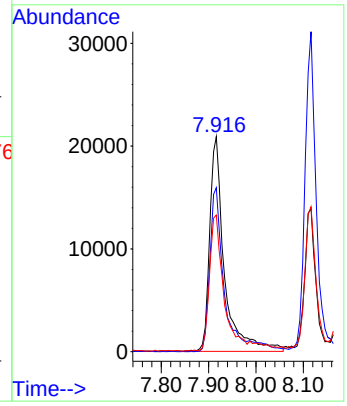


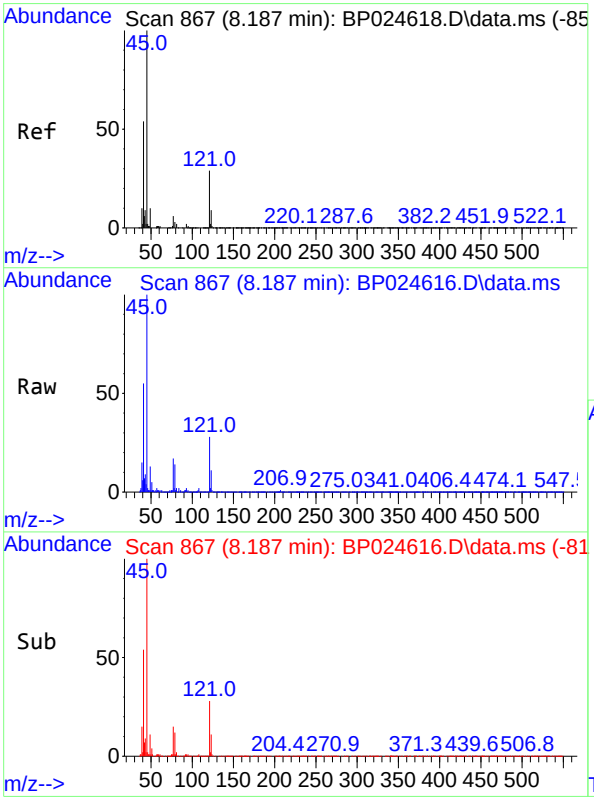
#15
Benzyl Alcohol
Concen: 8.37 ng
RT: 7.916 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 45094

Ion	Ratio	Lower	Upper
79	100		
108	76.3	60.8	91.2
77	63.5	51.9	77.9

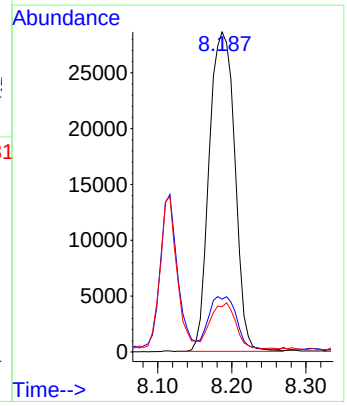


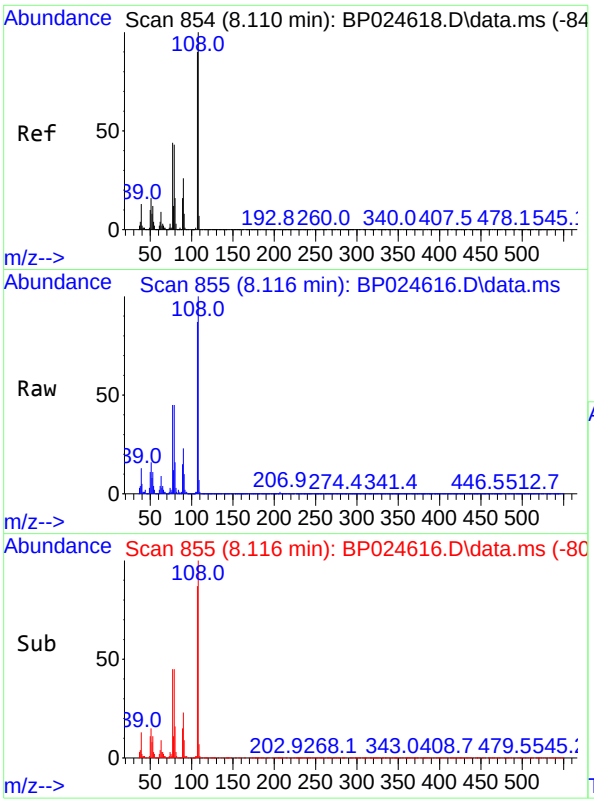


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.53 ng
RT: 8.187 min Scan# 867
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 45 Resp: 68599

Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	37.7
79	14.1	0.0	34.0



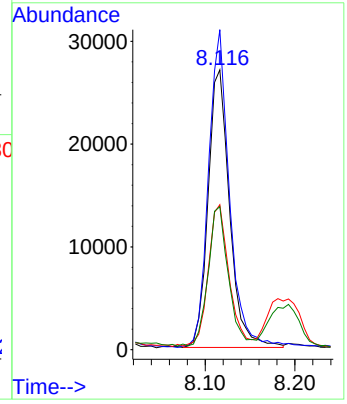


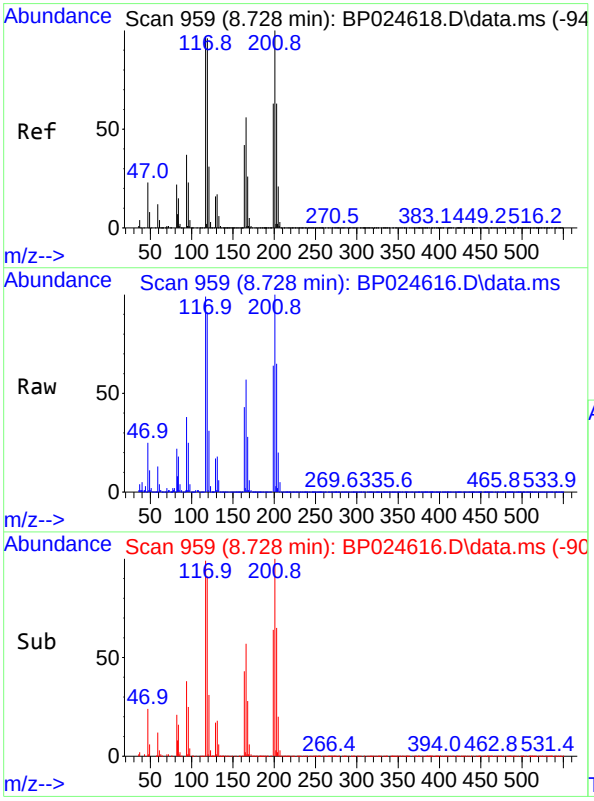
#17
2-Methylphenol
Concen: 8.59 ng
RT: 8.116 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 45071

Ion	Ratio	Lower	Upper
107	100		
108	114.4	88.9	133.3
77	51.8	39.0	58.6
79	51.1	38.4	57.6

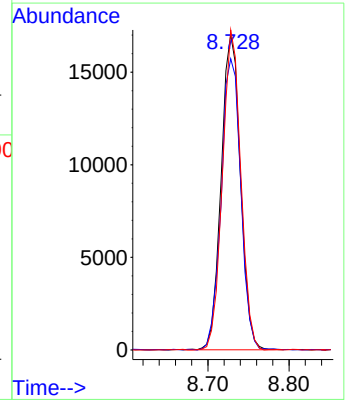


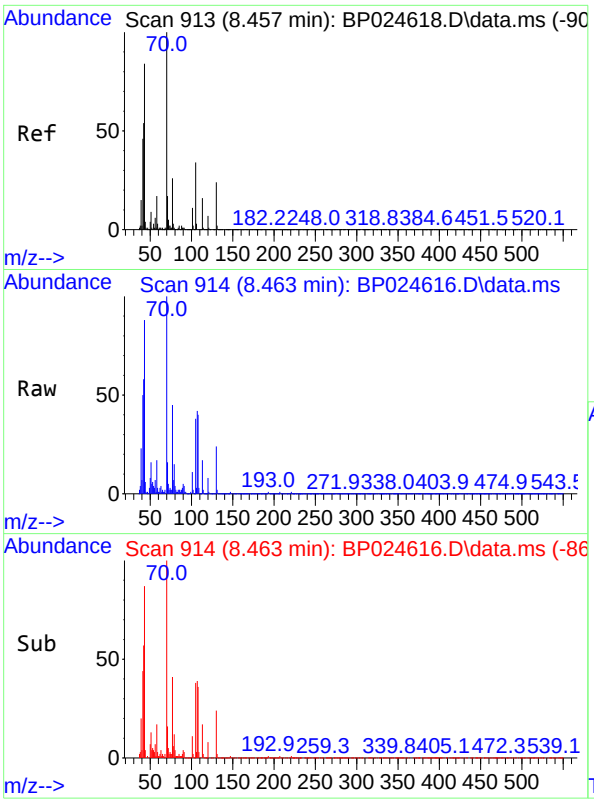


#18
Hexachloroethane
Concen: 10.05 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:117 Resp: 28078

Ion	Ratio	Lower	Upper
117	100		
119	92.3	79.4	119.0
201	101.4	82.7	124.1



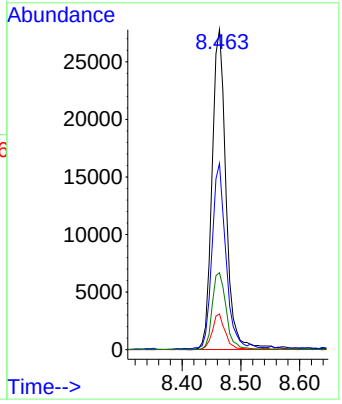


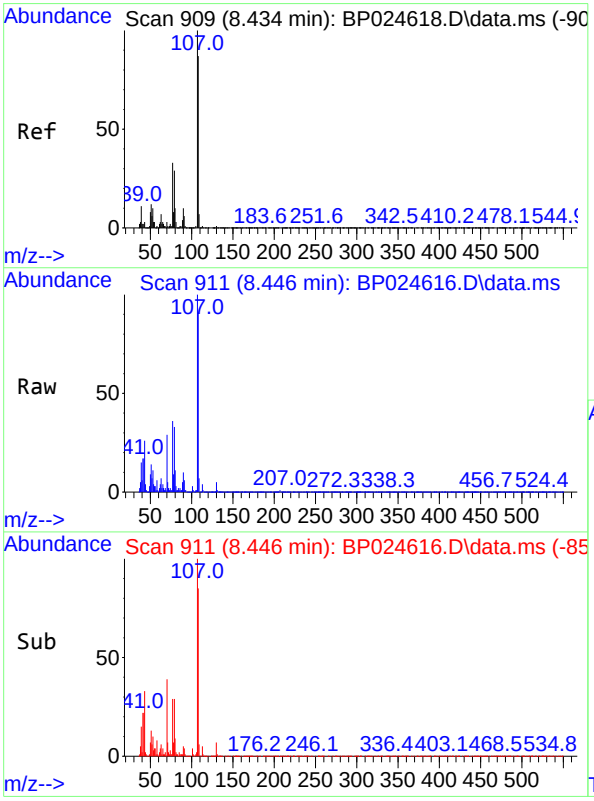
#19
n-Nitroso-di-n-propylamine
Concen: 9.37 ng
RT: 8.463 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 45927

Ion	Ratio	Lower	Upper
70	100		
42	58.2	43.0	64.6
101	11.2	8.7	13.1
130	24.1	19.4	29.0

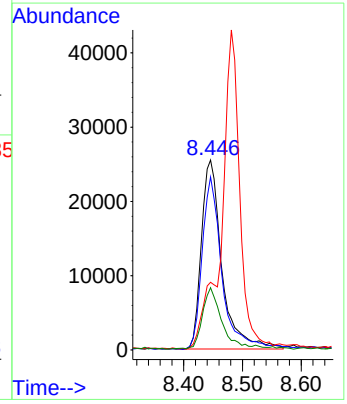


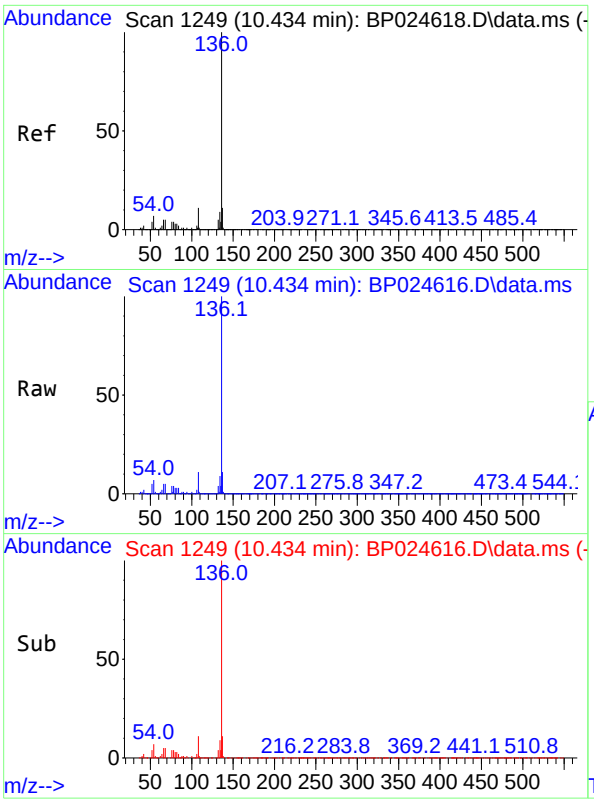


#20
3+4-Methylphenols
Concen: 8.66 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:107 Resp: 61832

Ion	Ratio	Lower	Upper
107	100		
108	91.0	66.7	106.7
77	35.6	13.1	53.1
79	32.7	8.9	48.9



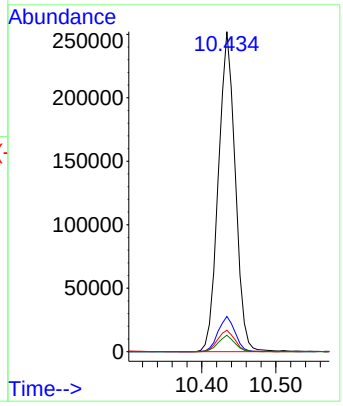


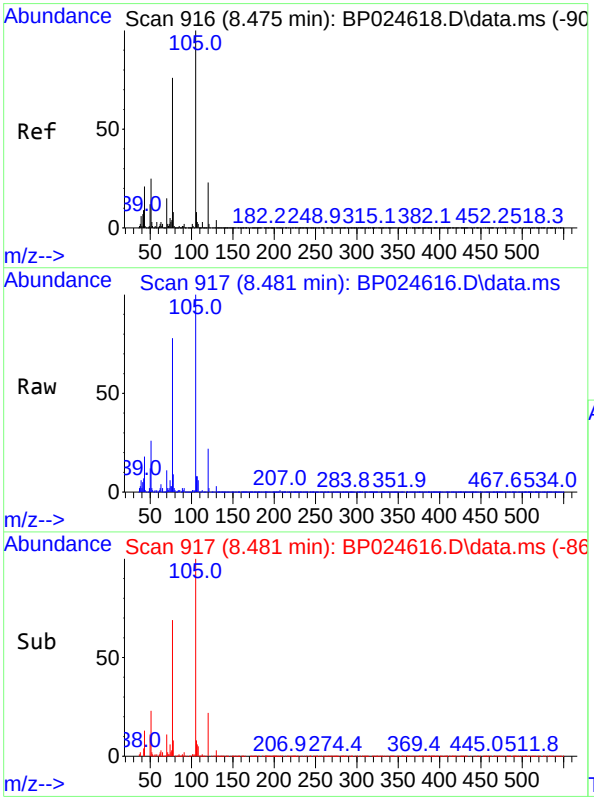
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 398657

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.7	5.5	8.3
68	5.2	4.2	6.2

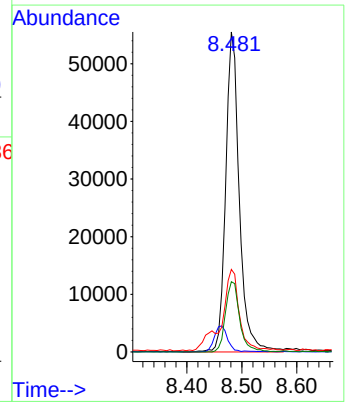


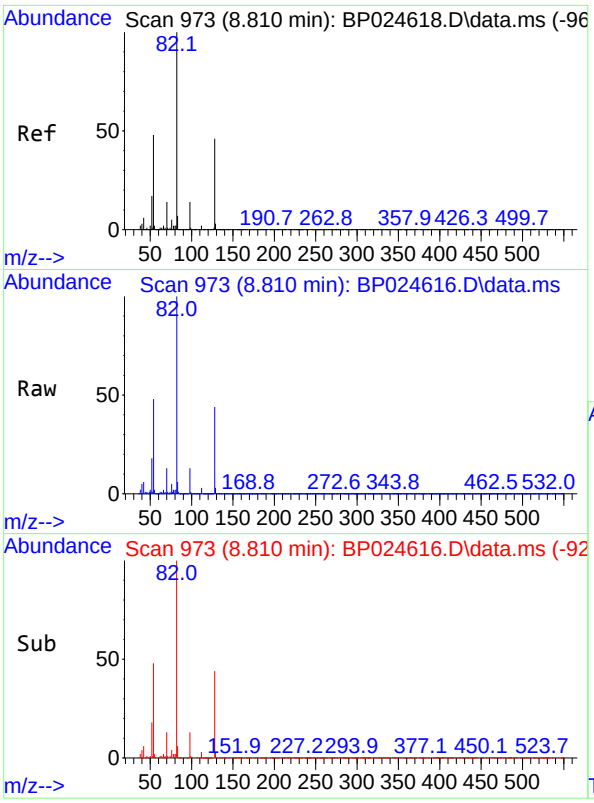


#22
Acetophenone
Concen: 9.62 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:105 Resp: 95803

Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.0	3.0#
51	25.8	20.4	30.6
120	22.0	18.1	27.1



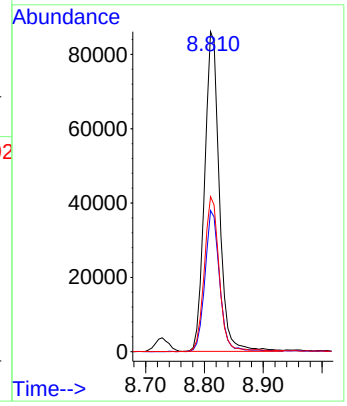


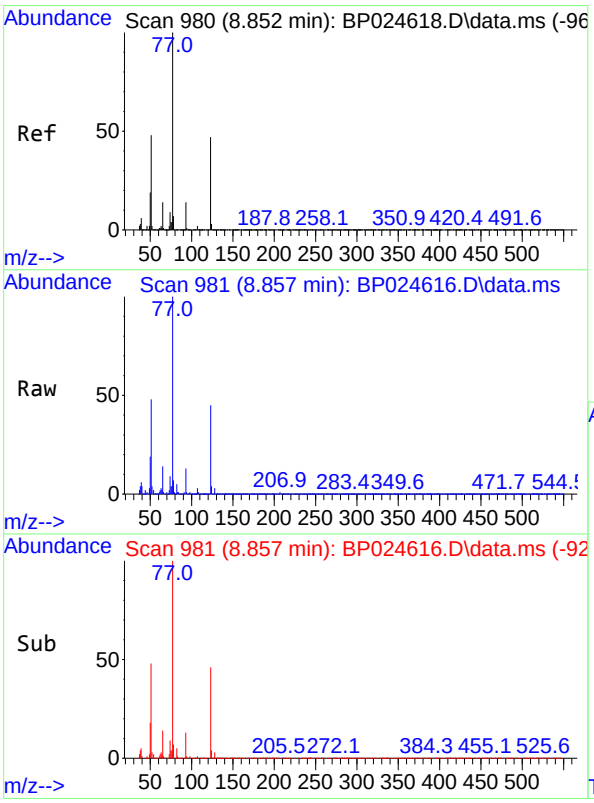
#23
Nitrobenzene-d5
Concen: 19.00 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 149876

Ion	Ratio	Lower	Upper
82	100		
128	44.1	37.0	55.4
54	48.5	38.7	58.1

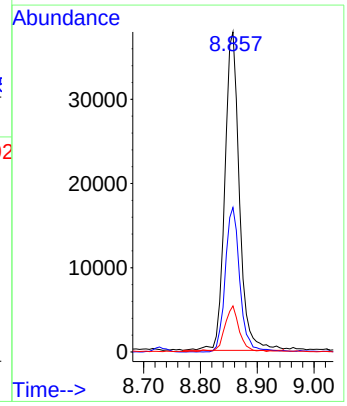


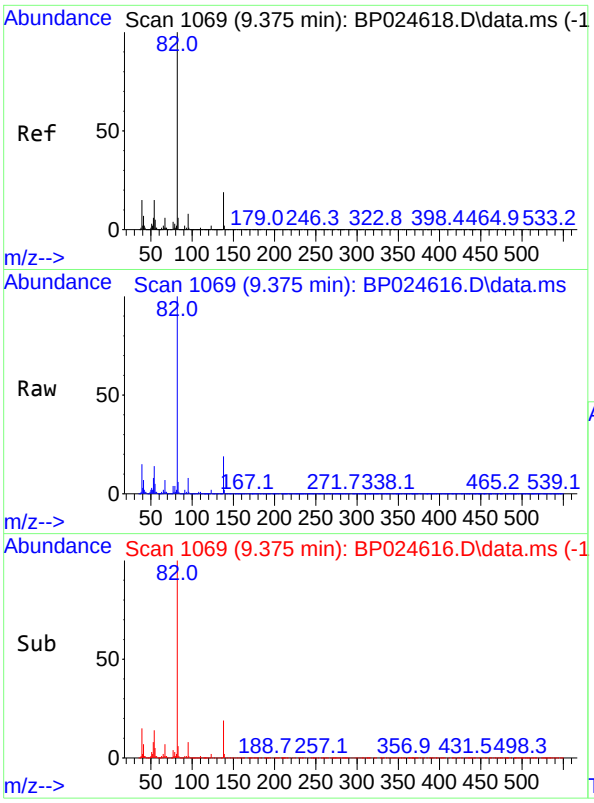


#24
Nitrobenzene
Concen: 9.76 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 77 Resp: 67735

Ion	Ratio	Lower	Upper
77	100		
123	45.2	37.4	56.0
65	14.4	11.3	16.9



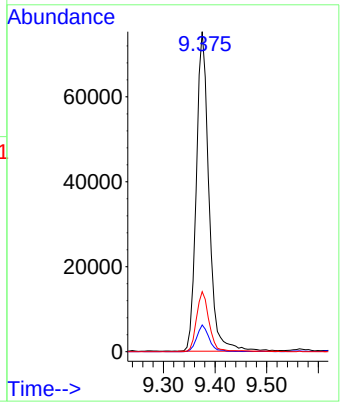


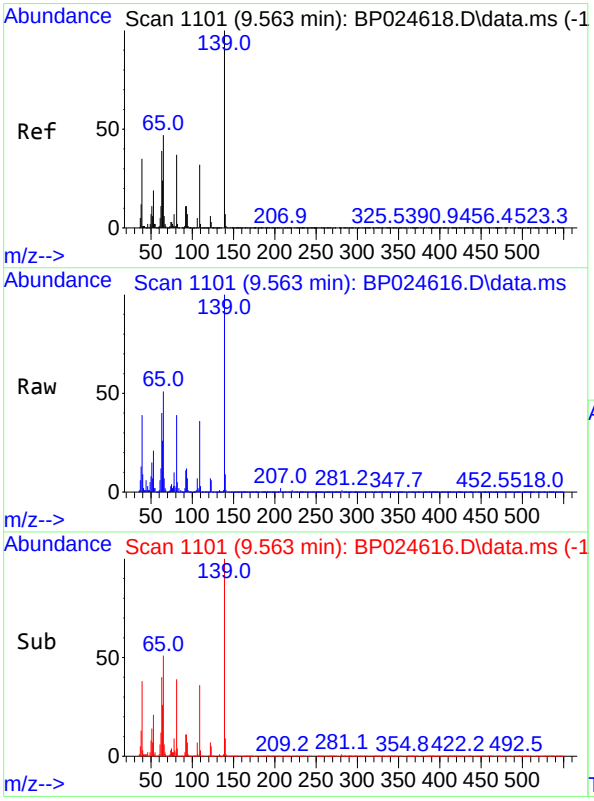
#25
Isophorone
Concen: 9.31 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 127474

Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.3	9.5
138	18.7	15.3	22.9

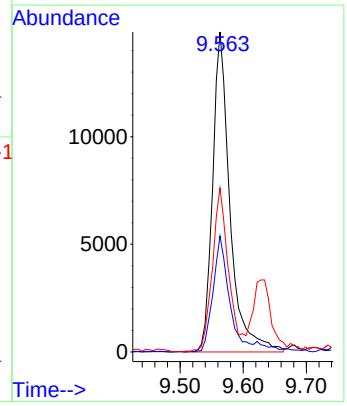


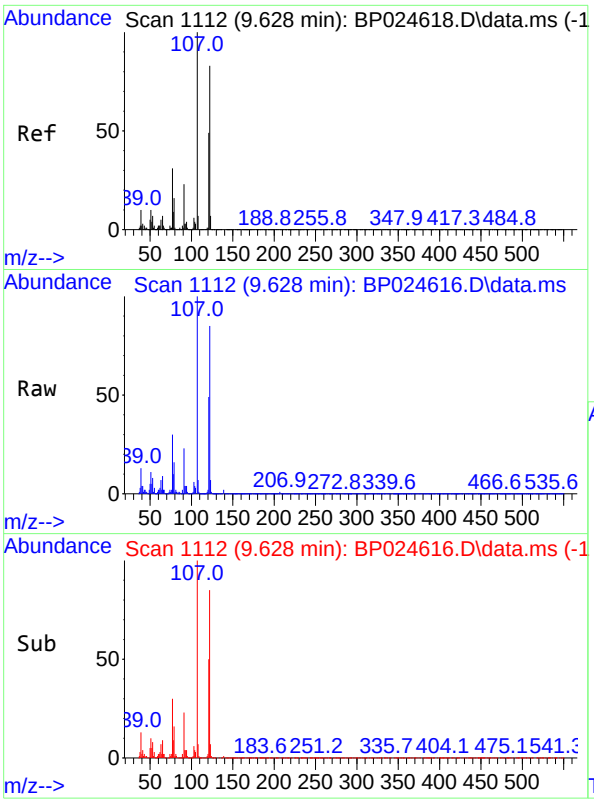


#26
2-Nitrophenol
Concen: 8.37 ng
RT: 9.563 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:139 Resp: 28470

Ion	Ratio	Lower	Upper
139	100		
109	36.2	25.9	38.9
65	51.3	37.9	56.9



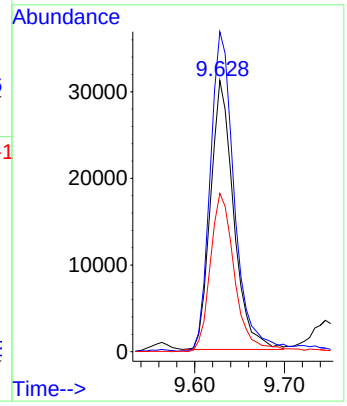


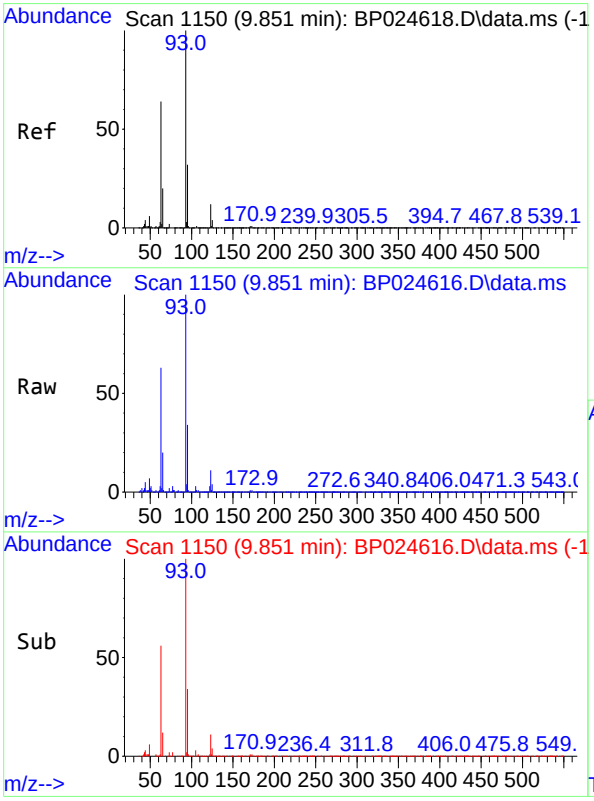
#27
2,4-Dimethylphenol
Concen: 9.28 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 55664

Ion	Ratio	Lower	Upper
122	100		
107	118.0	96.2	144.2
121	58.4	47.6	71.4

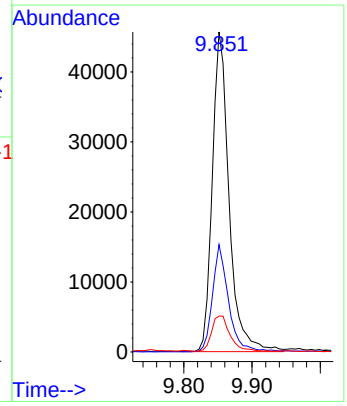


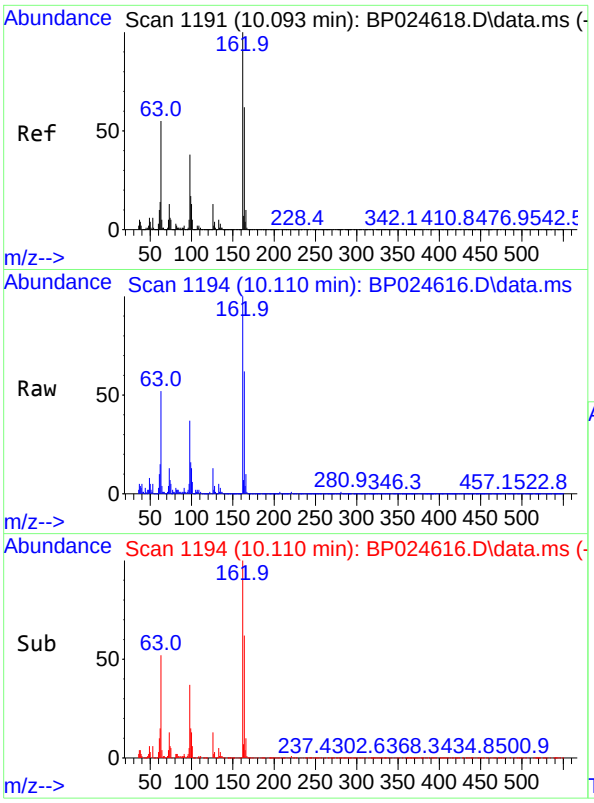


#28
bis(2-Chloroethoxy)methane
Concen: 9.54 ng
RT: 9.851 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 93 Resp: 78019

Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.5	38.3
123	11.2	9.7	14.5



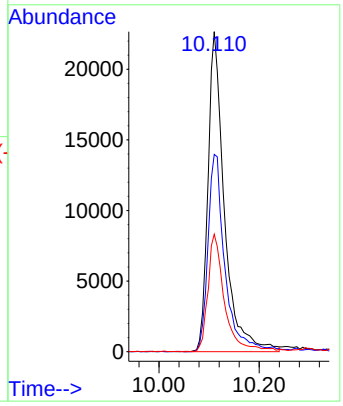


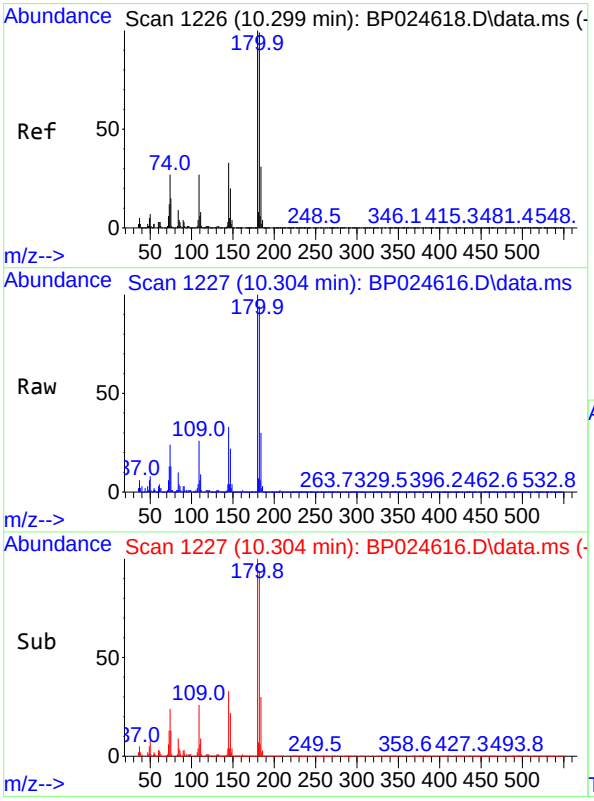
#29
2,4-Dichlorophenol
Concen: 8.84 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 51386

Ion	Ratio	Lower	Upper
162	100		
164	61.7	42.3	82.3
98	36.7	18.4	58.4

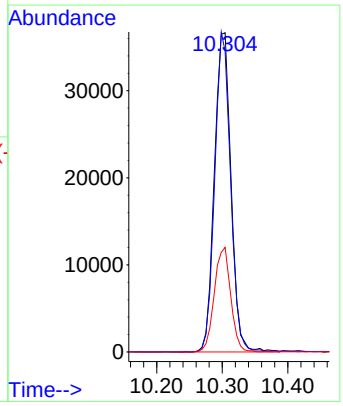


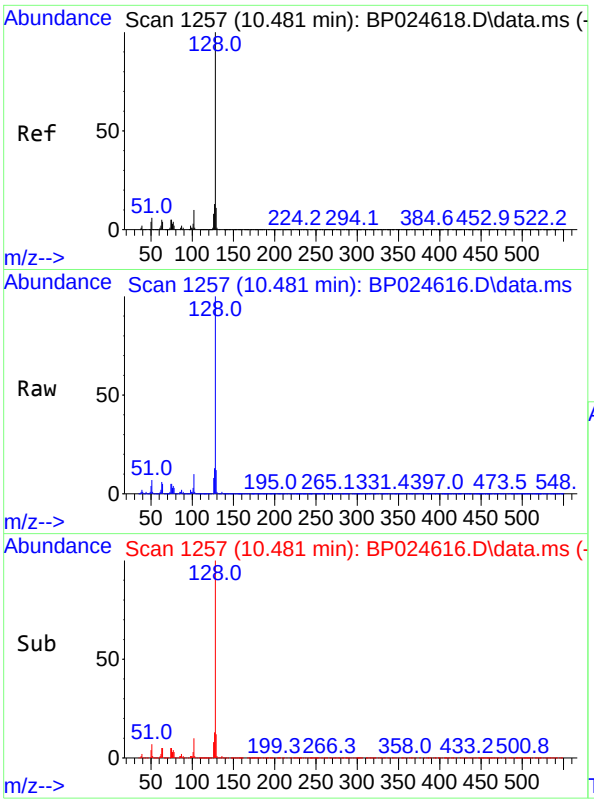


#30
1,2,4-Trichlorobenzene
Concen: 9.81 ng
RT: 10.304 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:180 Resp: 64245

Ion	Ratio	Lower	Upper
180	100		
182	94.1	79.0	118.4
145	32.8	26.6	39.8



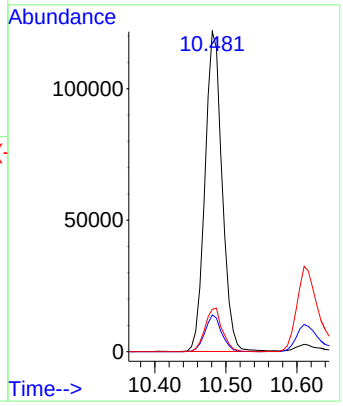


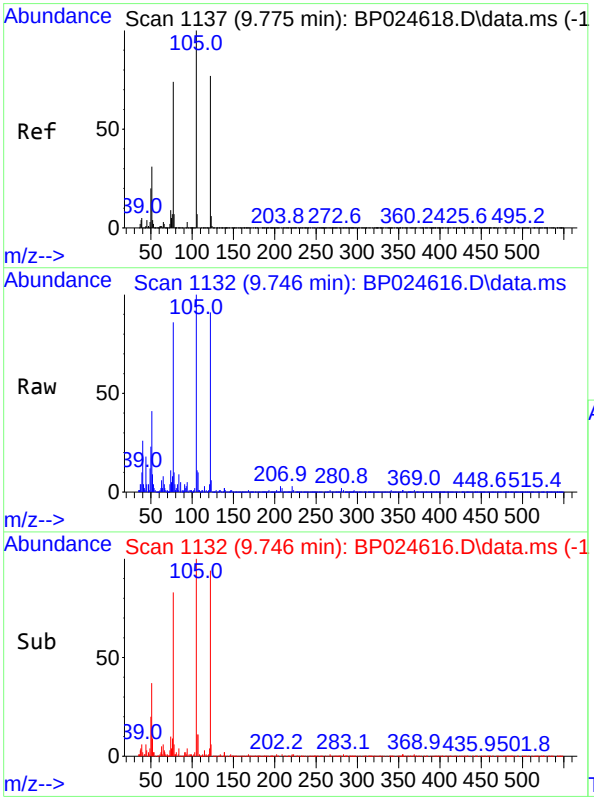
#31
Naphthalene
Concen: 9.90 ng
RT: 10.481 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 204468

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.2	10.7	16.1

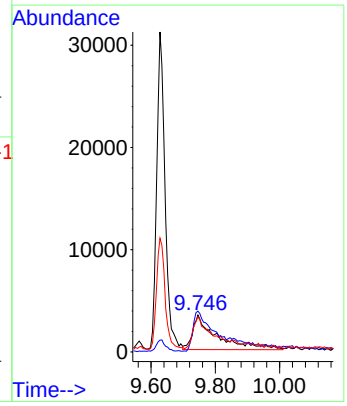


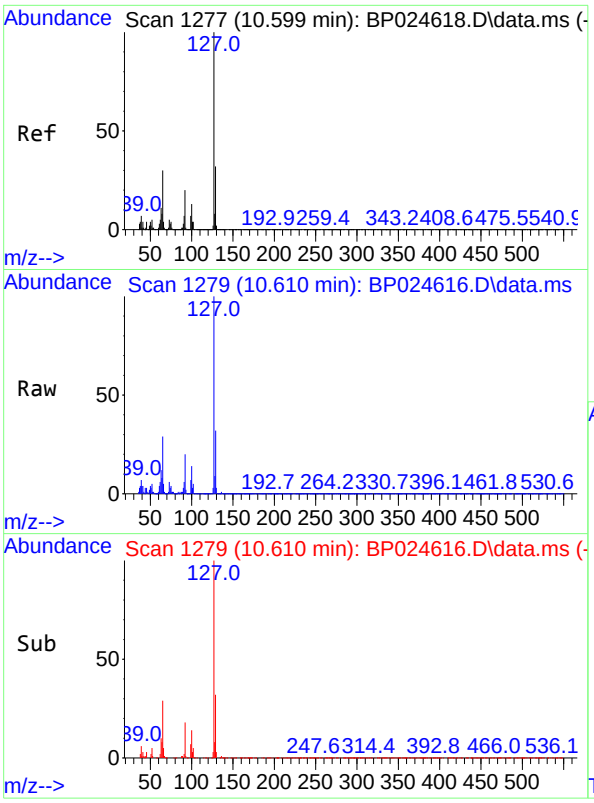


#32
Benzoic acid
Concen: 10.42 ng m
RT: 9.746 min Scan# 1132
Delta R.T. -0.029 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:122 Resp: 17770

Ion	Ratio	Lower	Upper
122	100		
105	110.3	106.9	146.9
77	95.0	75.1	115.1



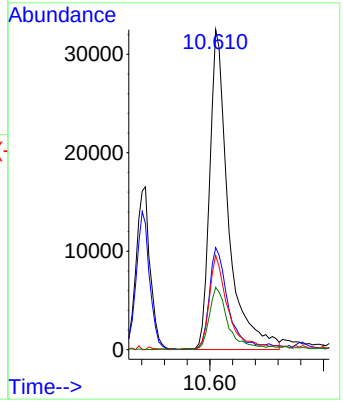


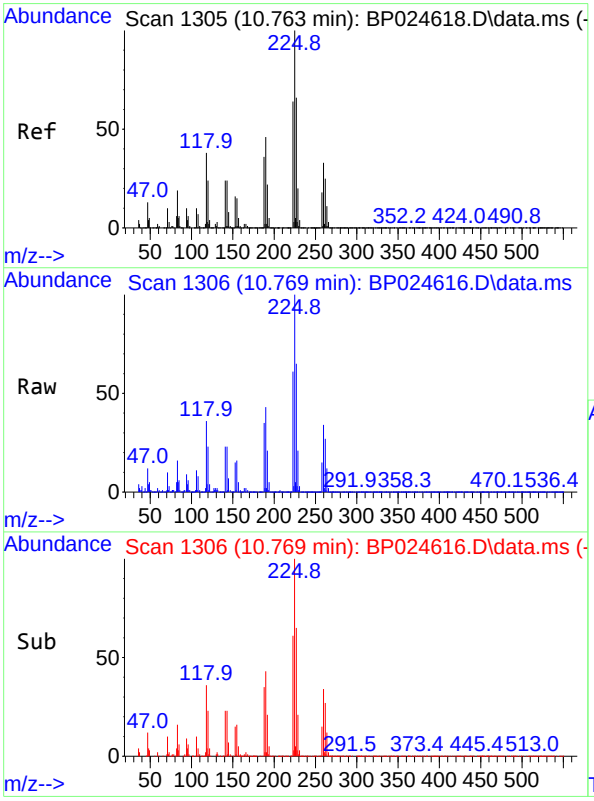
#33
4-Chloroaniline
Concen: 8.88 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 73990

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	29.5	23.9	35.9
92	19.5	16.1	24.1

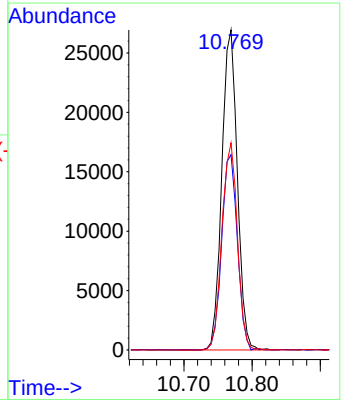


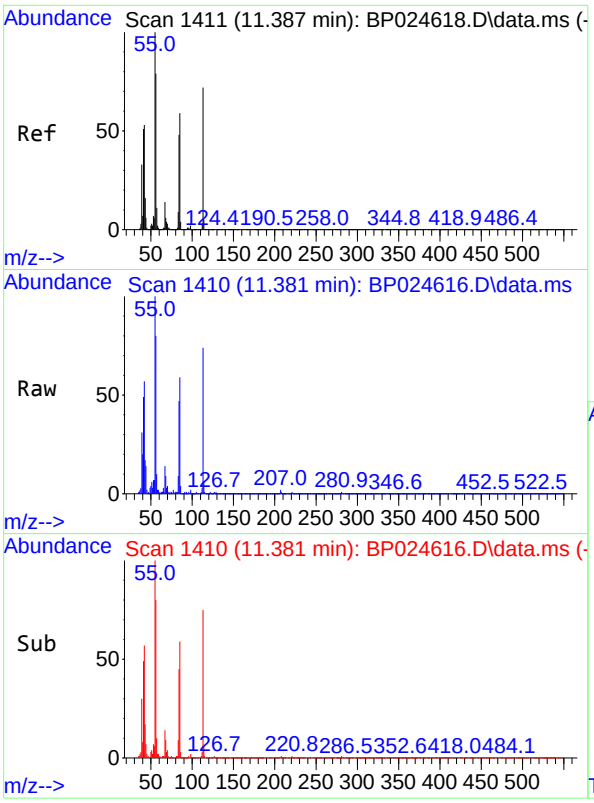


#34
Hexachlorobutadiene
Concen: 10.03 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:225 Resp: 42567

Ion	Ratio	Lower	Upper
225	100		
223	61.0	51.0	76.6
227	64.7	53.1	79.7



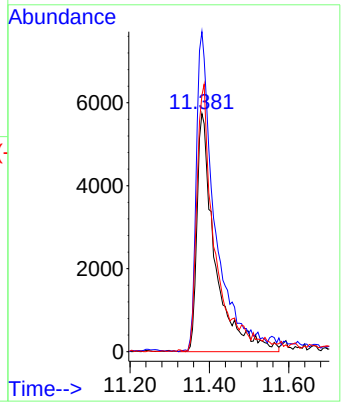


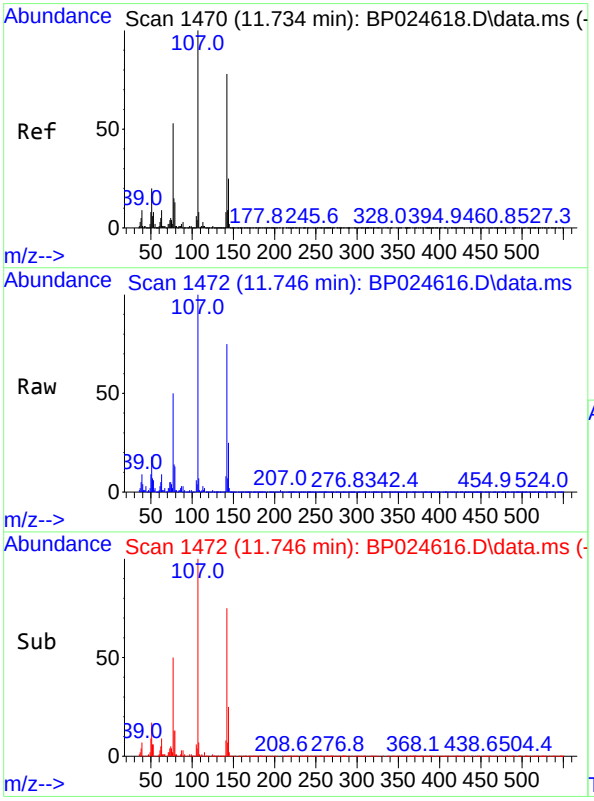
#35
Caprolactam
Concen: 8.68 ng m
RT: 11.381 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 18245

Ion	Ratio	Lower	Upper
113	100		
55	134.4	119.0	159.0
56	107.7	90.3	130.3

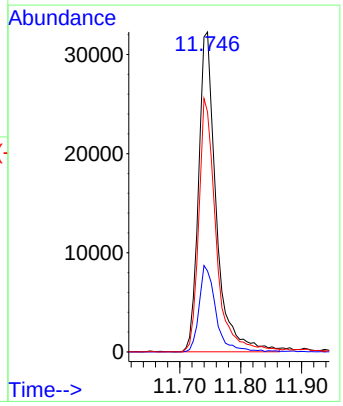


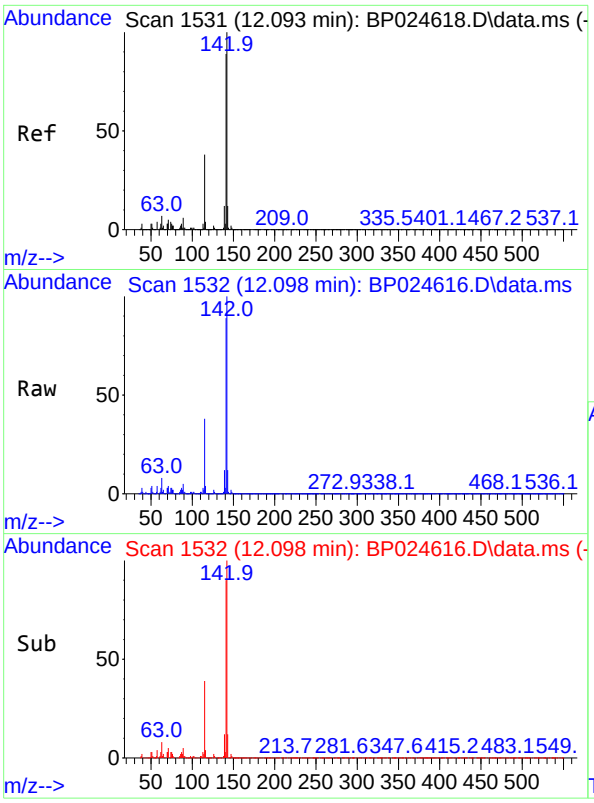


#36
4-Chloro-3-methylphenol
Concen: 9.15 ng
RT: 11.746 min Scan# 1472
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:107 Resp: 64857

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.1	30.1
142	75.0	62.1	93.1



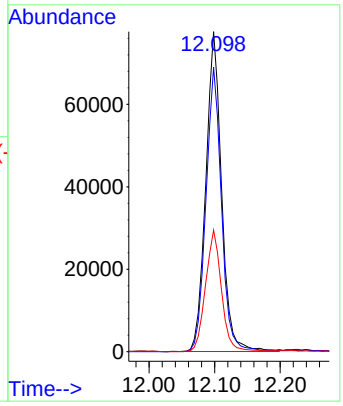


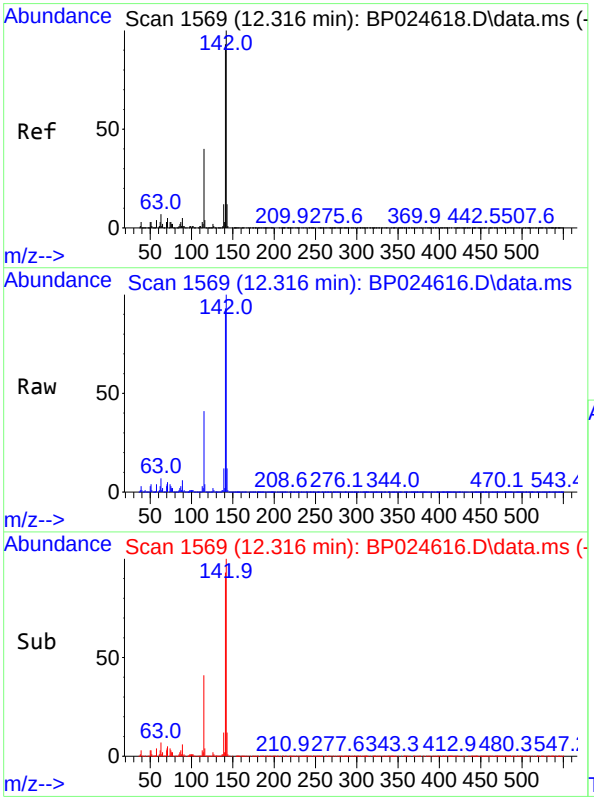
#37
2-Methylnaphthalene
Concen: 9.75 ng
RT: 12.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 130412

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.2	106.8
115	38.0	30.6	46.0

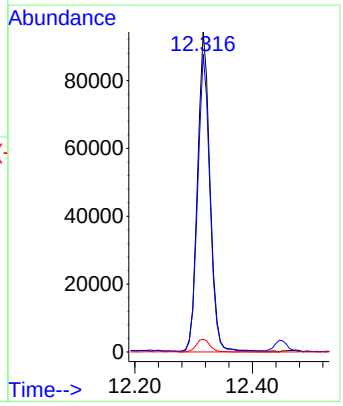


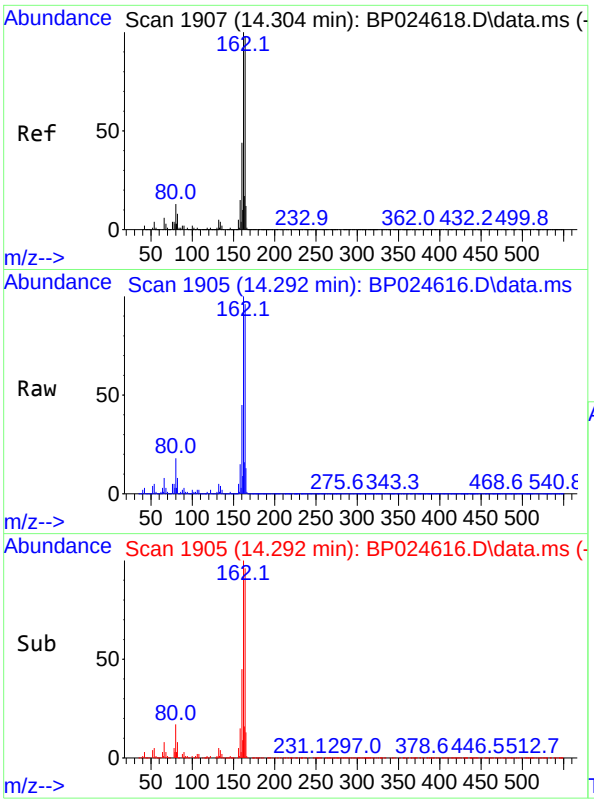


#38
1-Methylnaphthalene
Concen: 9.75 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:142 Resp: 139573

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.7	112.1
116	4.0	3.4	5.2



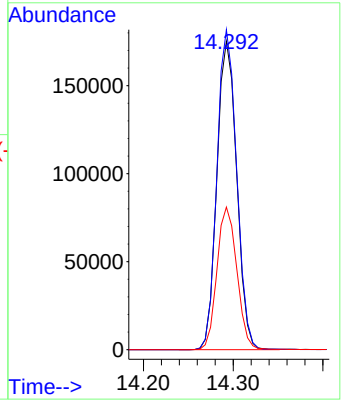


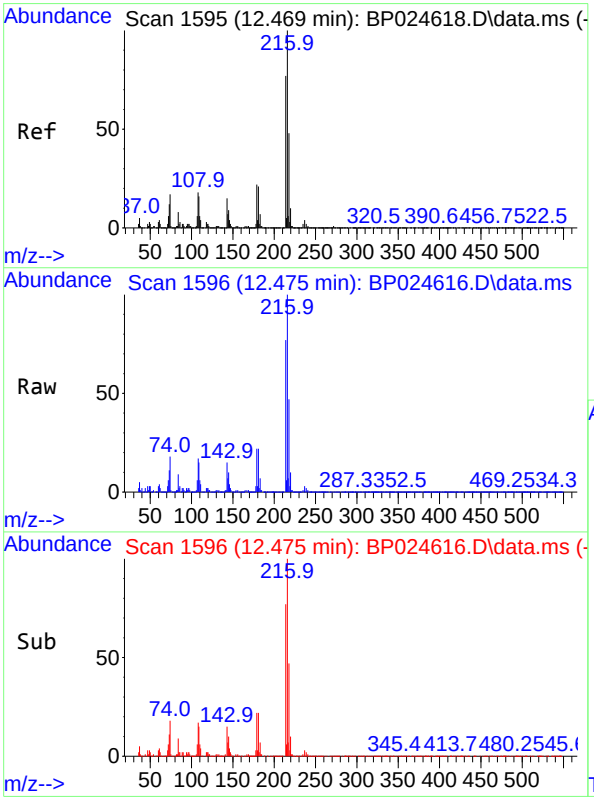
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 268335

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.6
160	46.2	36.3	54.5

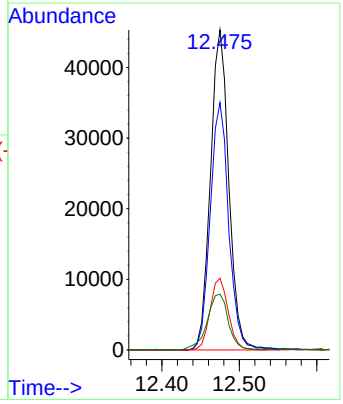


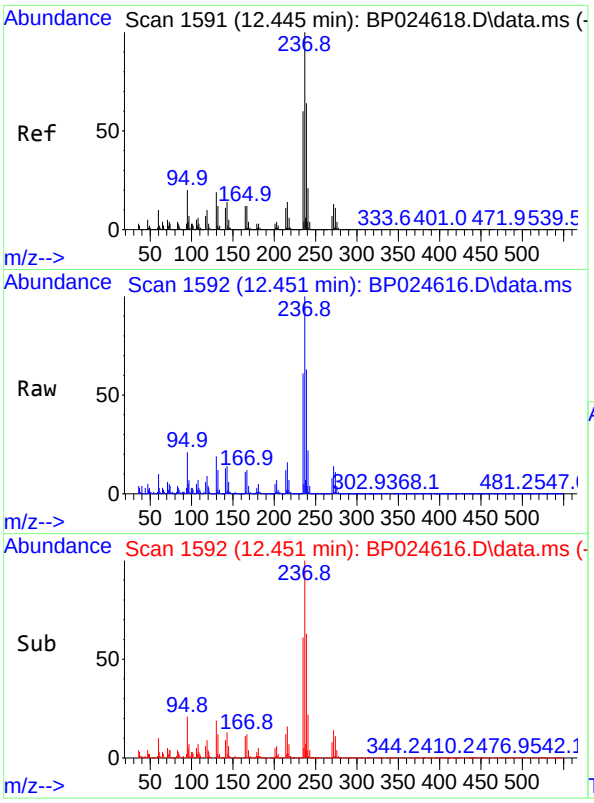


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.60 ng
RT: 12.475 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:216 Resp: 74824

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.3	93.5
179	22.2	17.7	26.5
108	20.0	16.0	24.0



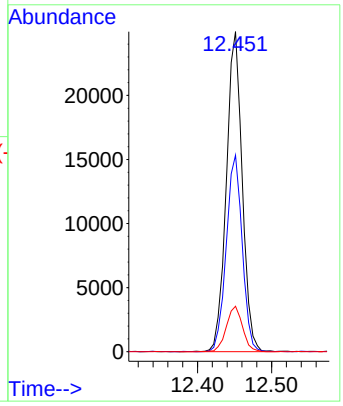


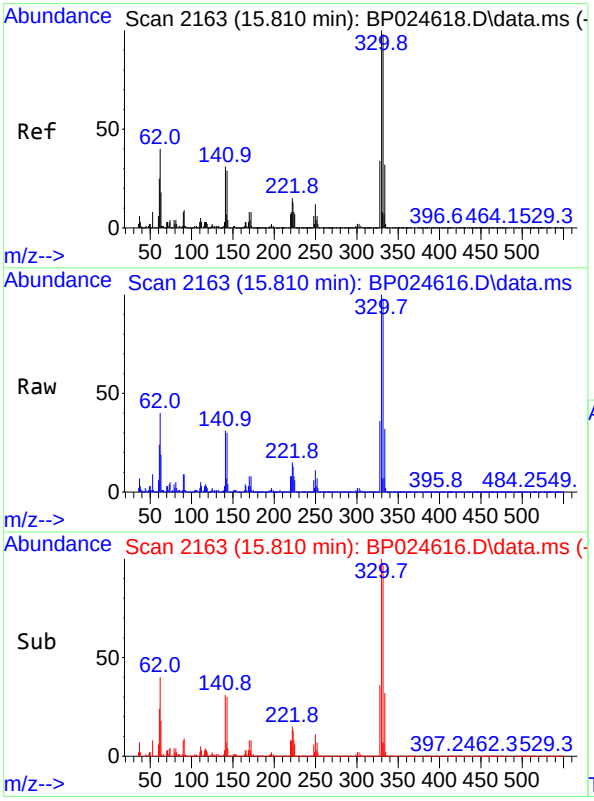
#41
Hexachlorocyclopentadiene
Concen: 7.85 ng
RT: 12.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 37072

Ion	Ratio	Lower	Upper
237	100		
235	61.4	39.9	79.9
272	14.2	0.0	33.2

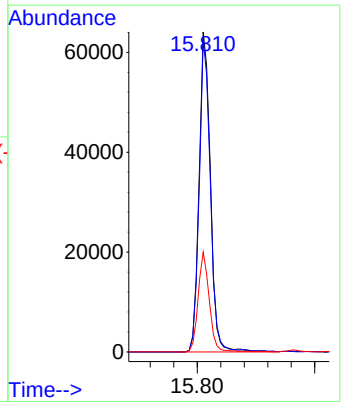


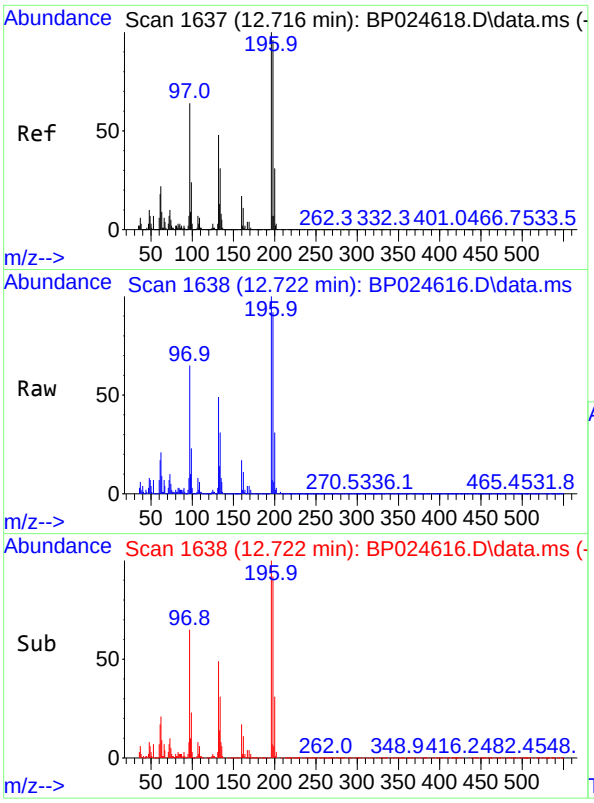


#42
2,4,6-Tribromophenol
Concen: 18.93 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:330 Resp: 86099

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.2	117.4
141	30.5	24.3	36.5



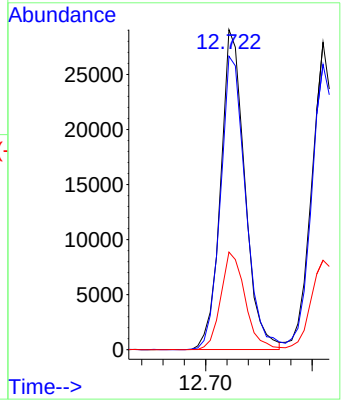


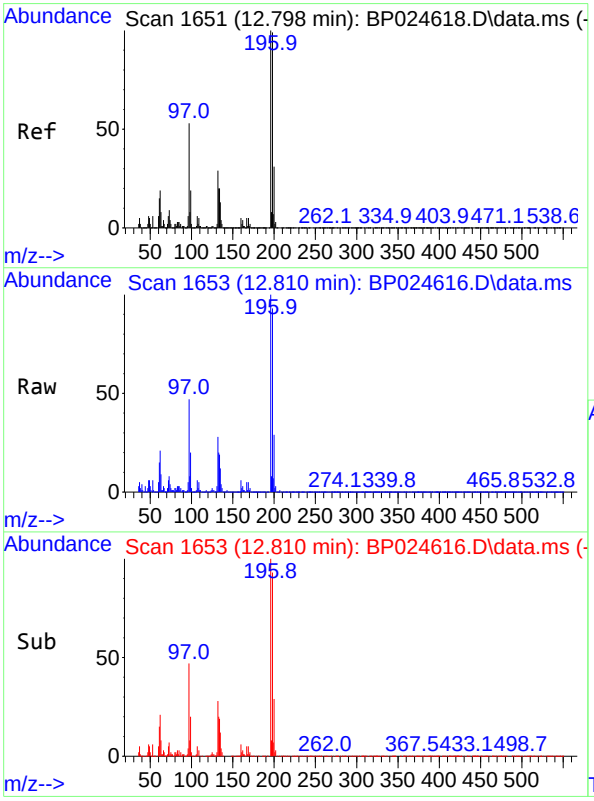
#43
2,4,6-Trichlorophenol
Concen: 9.07 ng
RT: 12.722 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 45798

Ion	Ratio	Lower	Upper
196	100		
198	91.7	76.9	115.3
200	30.5	25.2	37.8

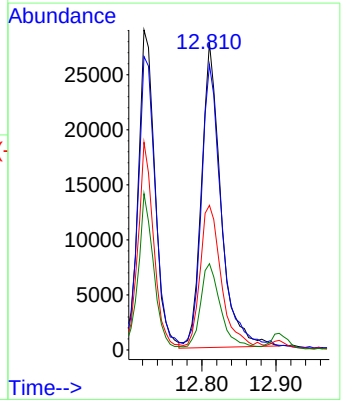


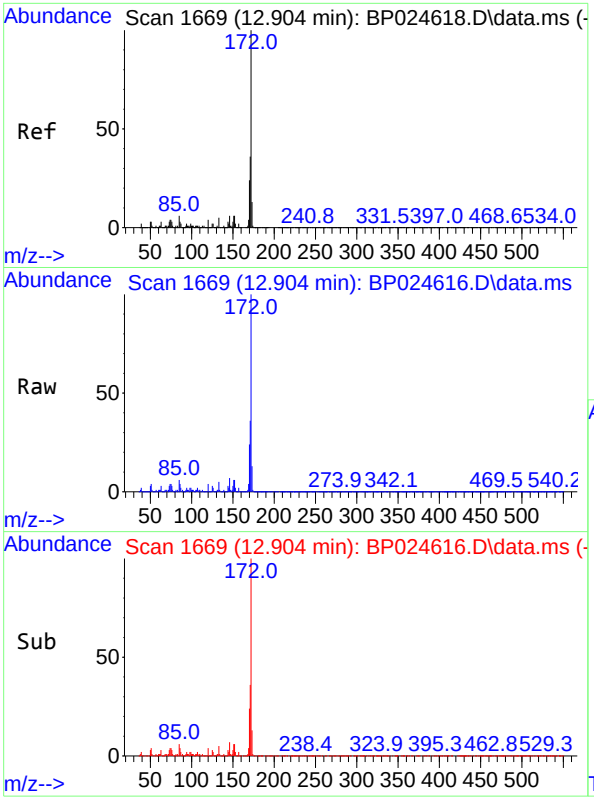


#44
2,4,5-Trichlorophenol
Concen: 8.96 ng
RT: 12.810 min Scan# 1653
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:196 Resp: 50348

Ion	Ratio	Lower	Upper
196	100		
198	92.8	79.2	118.8
97	47.0	42.3	63.5
132	28.1	23.3	34.9



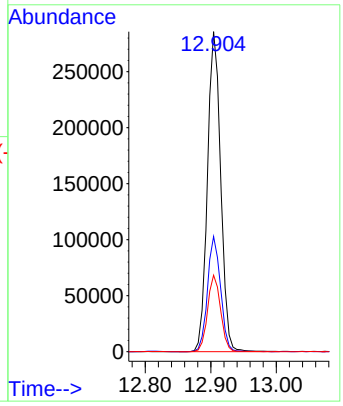


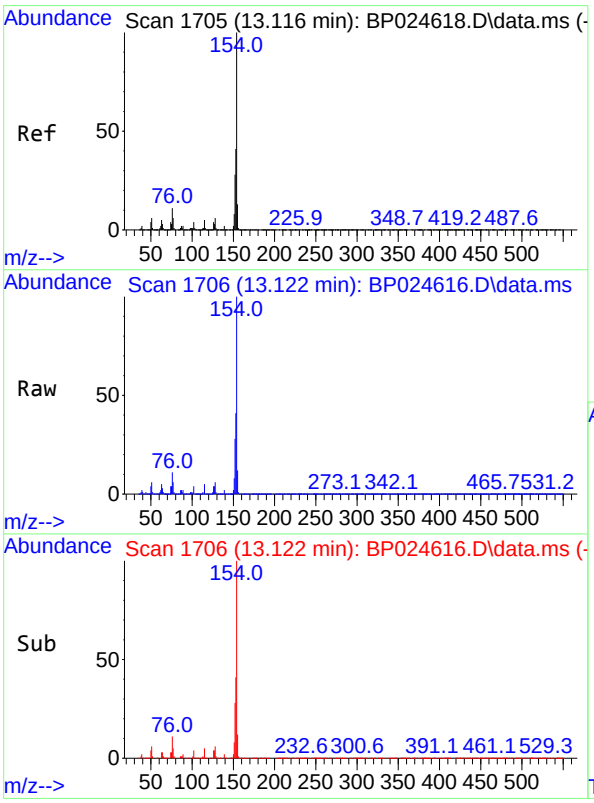
#45
2-Fluorobiphenyl
Concen: 19.63 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 401986

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.9	18.8	28.2

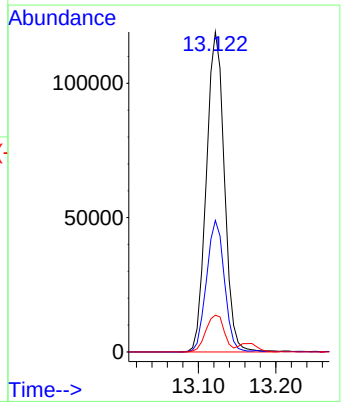


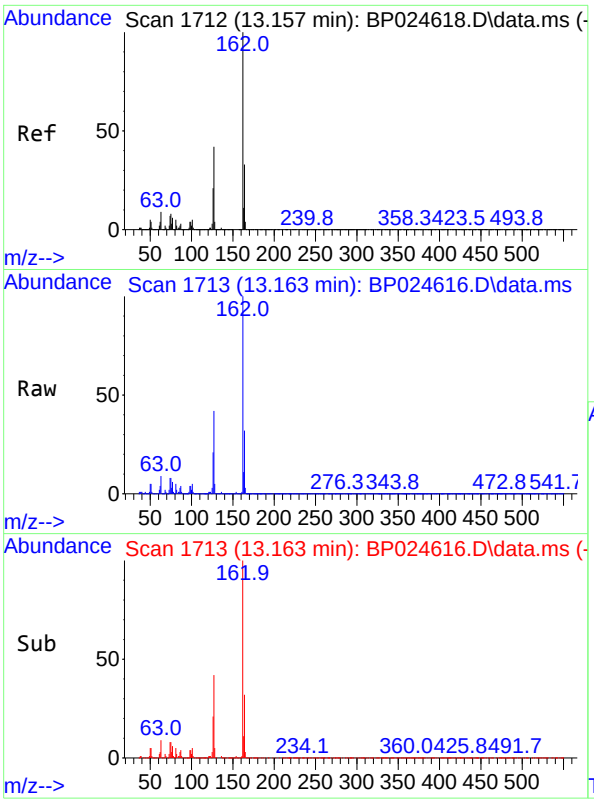


#46
1,1'-Biphenyl
Concen: 9.70 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:154 Resp: 192445

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.0	61.0
76	11.5	0.0	31.5



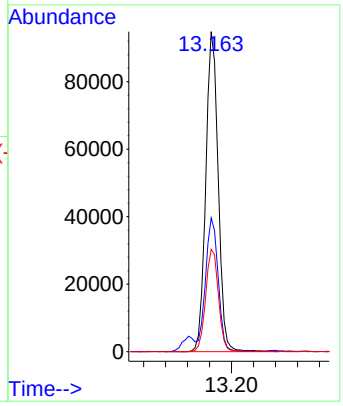


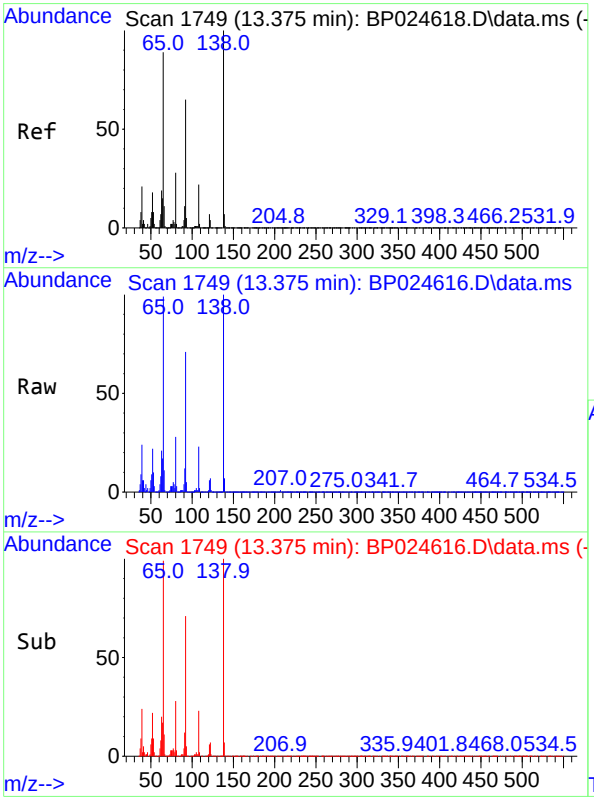
#47
2-Chloronaphthalene
Concen: 9.82 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 148443

Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.8	50.6
164	32.0	26.0	39.0

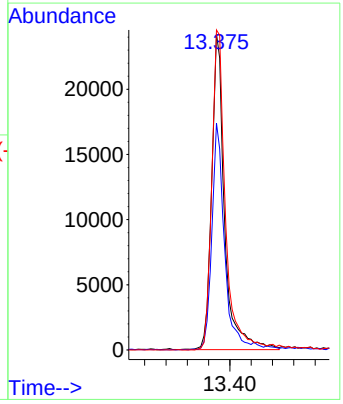


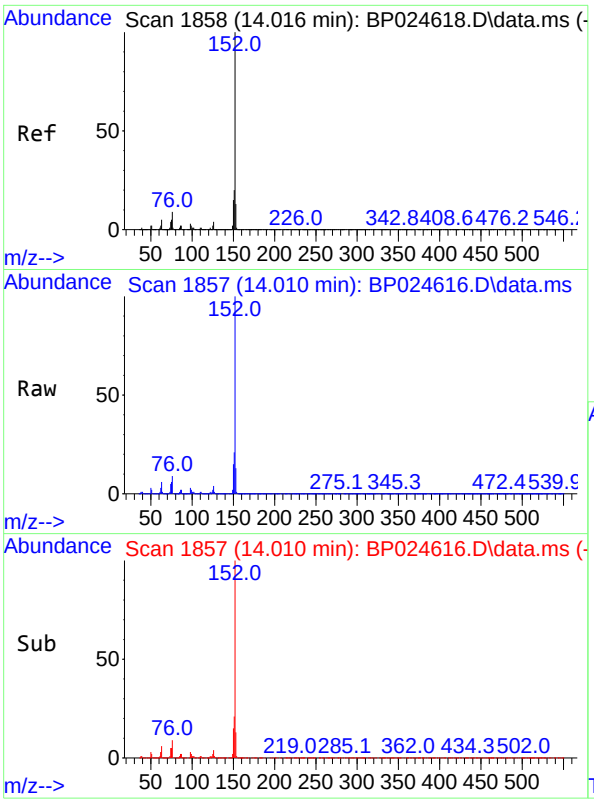


#48
2-Nitroaniline
Concen: 9.11 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 65 Resp: 40786

Ion	Ratio	Lower	Upper
65	100		
92	71.8	58.7	88.1
138	101.2	90.2	135.2



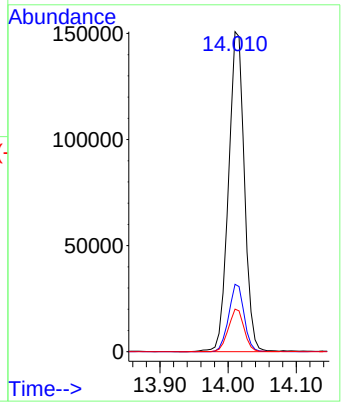


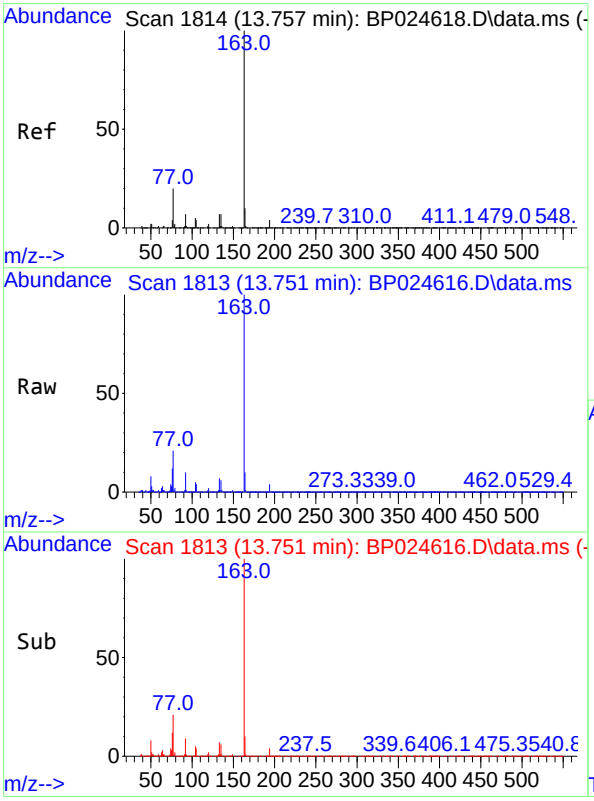
#49
Acenaphthylene
Concen: 9.64 ng
RT: 14.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 243913

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.4
153	13.3	10.2	15.4

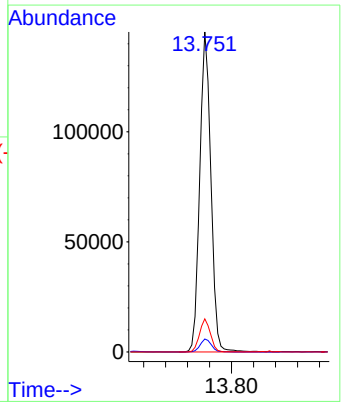


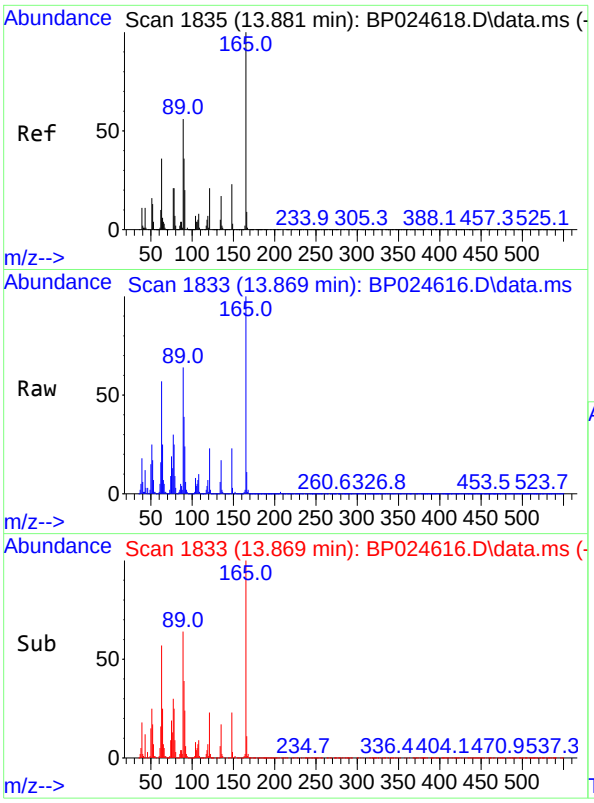


#50
Dimethylphthalate
Concen: 10.01 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:163 Resp: 204825

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	8.1	12.1



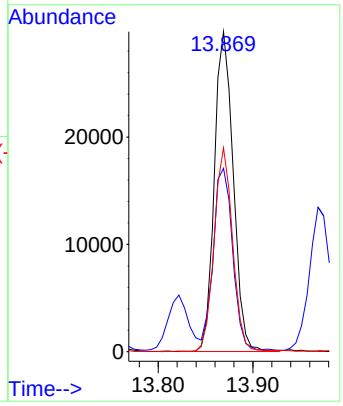


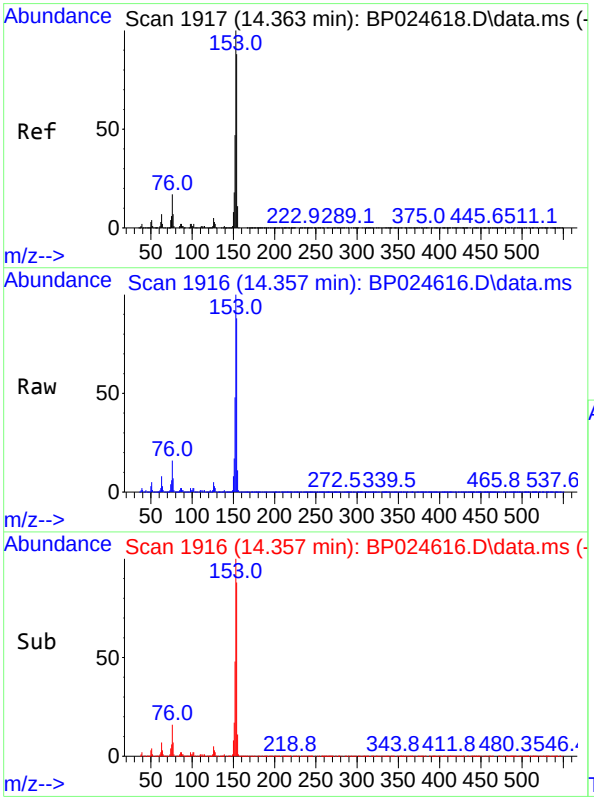
#51
2,6-Dinitrotoluene
Concen: 9.55 ng
RT: 13.869 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 41257

Ion	Ratio	Lower	Upper
165	100		
63	57.3	42.4	63.6
89	63.7	44.8	67.2

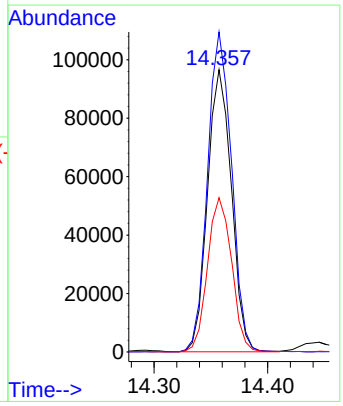


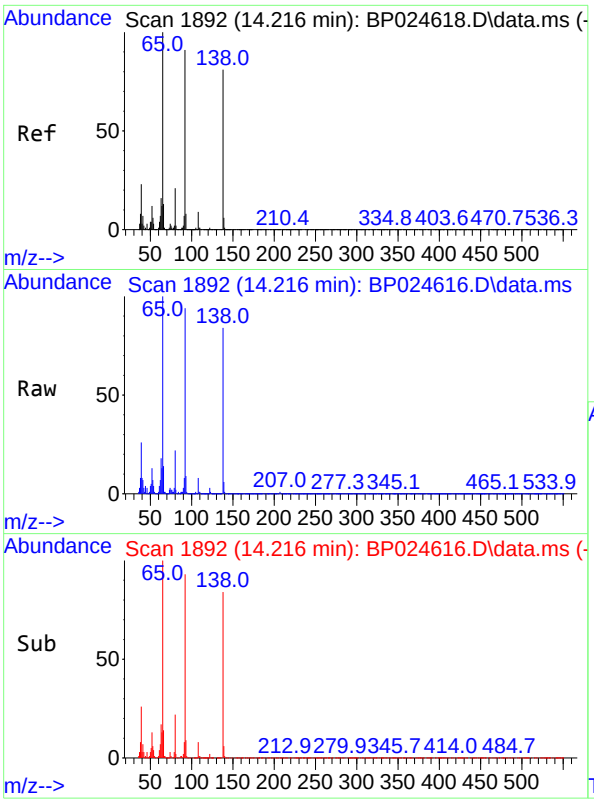


#52
Acenaphthene
Concen: 9.72 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:154 Resp: 141360

Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.0	136.4
152	54.6	42.9	64.3



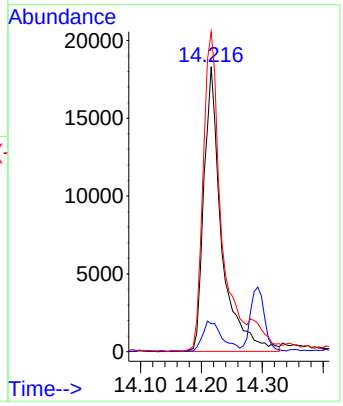


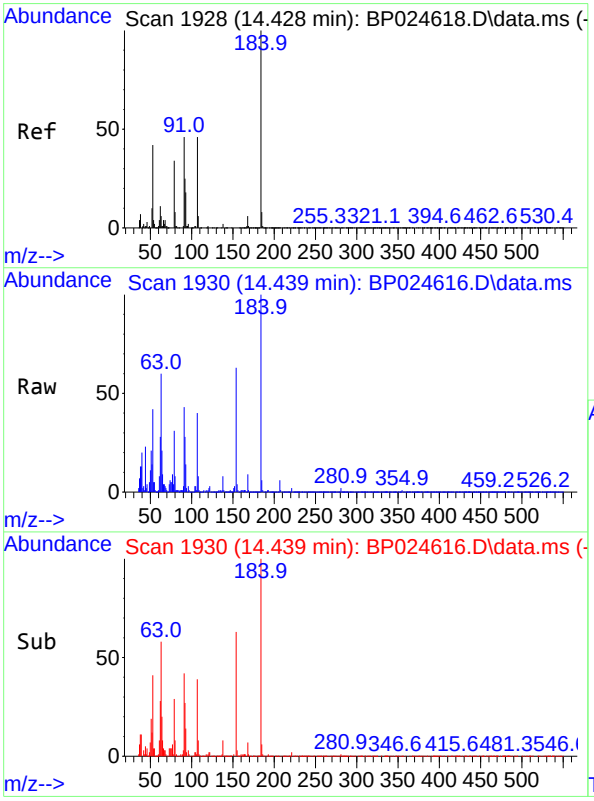
#53
3-Nitroaniline
Concen: 8.37 ng
RT: 14.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 36906

Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.0	13.4
92	112.3	90.1	135.1

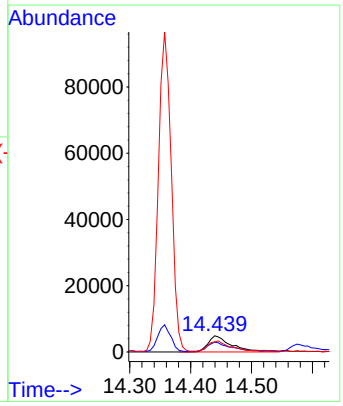


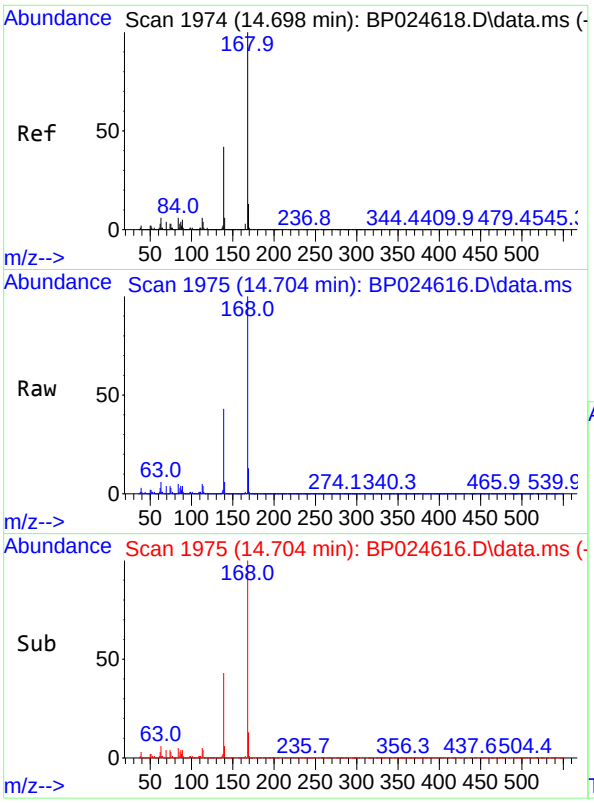


#54
2,4-Dinitrophenol
Concen: 10.84 ng
RT: 14.439 min Scan# 1930
Delta R.T. 0.011 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:184 Resp: 13128

Ion	Ratio	Lower	Upper
184	100		
63	60.3	51.3	76.9
154	62.9	53.5	80.3



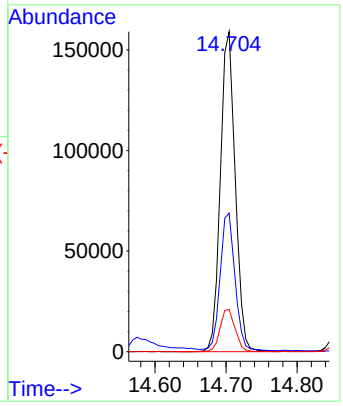


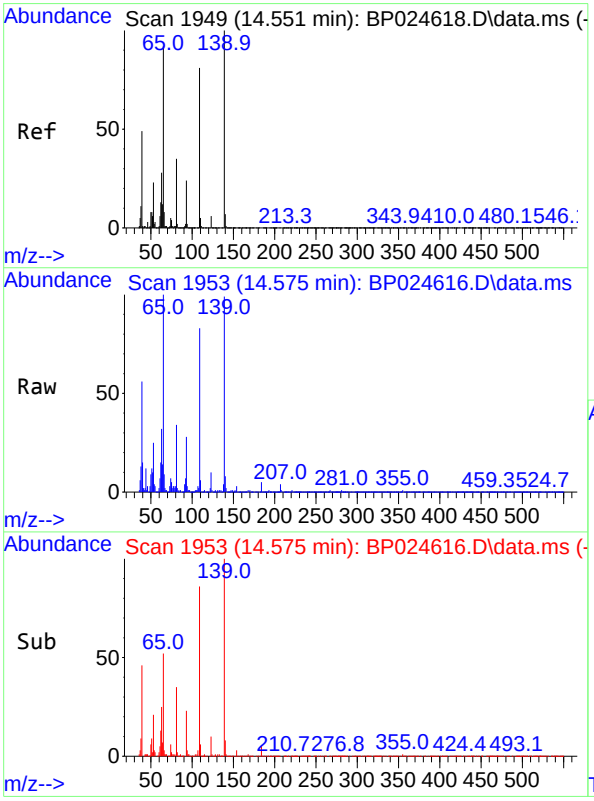
#55
Dibenzofuran
Concen: 9.92 ng
RT: 14.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 230286

Ion	Ratio	Lower	Upper
168	100		
139	43.3	34.2	51.4
169	13.2	10.8	16.2

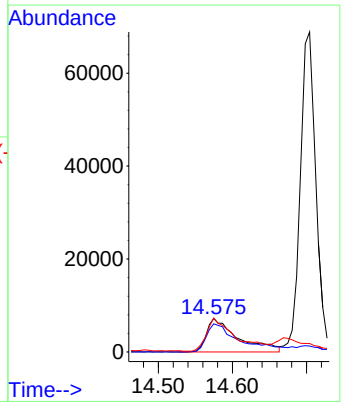


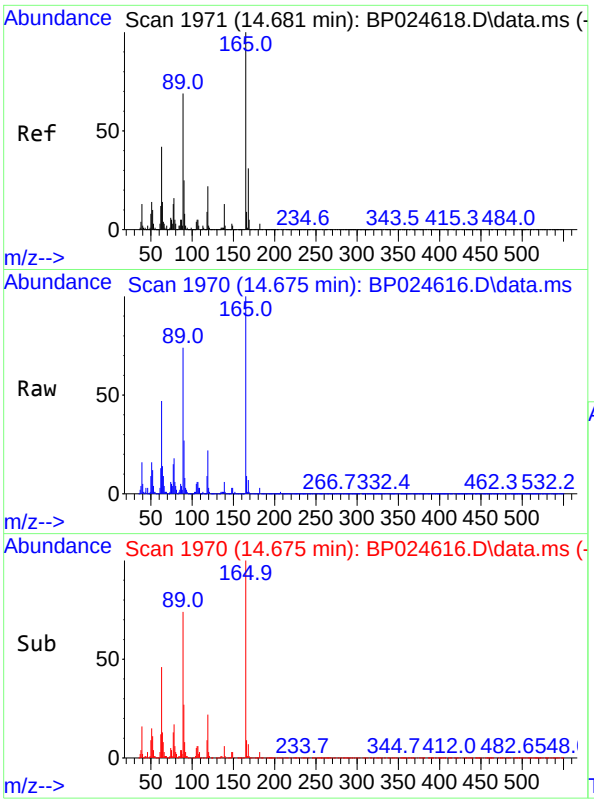


#56
4-Nitrophenol
Concen: 9.53 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.024 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:139 Resp: 21349

Ion	Ratio	Lower	Upper
139	100		
109	84.4	61.4	101.4
65	101.4	72.2	112.2



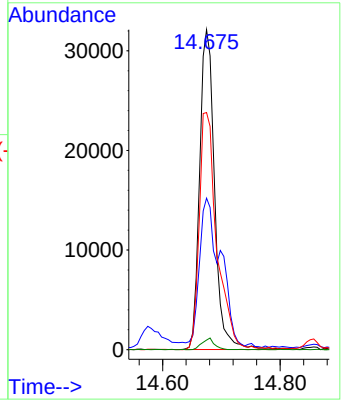


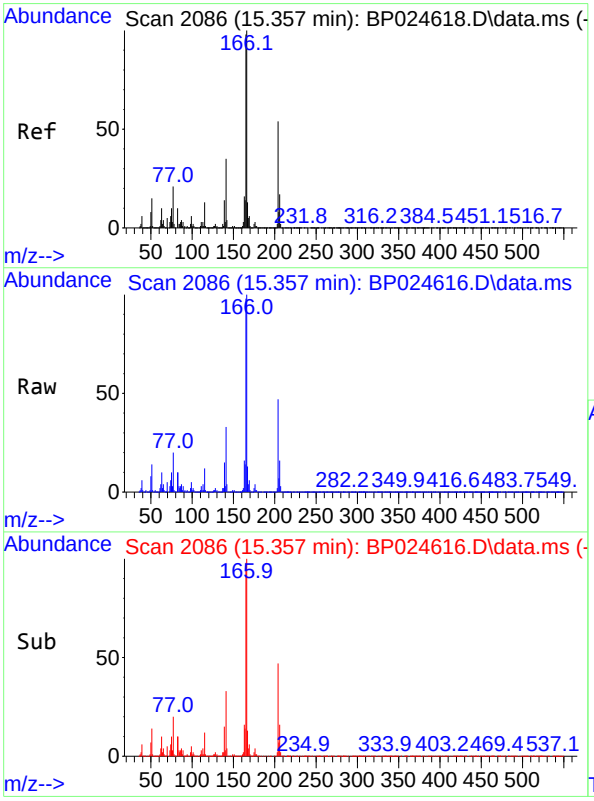
#57
2,4-Dinitrotoluene
Concen: 9.30 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 56617

Ion	Ratio	Lower	Upper
165	100		
63	47.4	33.8	50.6
89	74.1	55.6	83.4
182	3.0	2.4	3.6

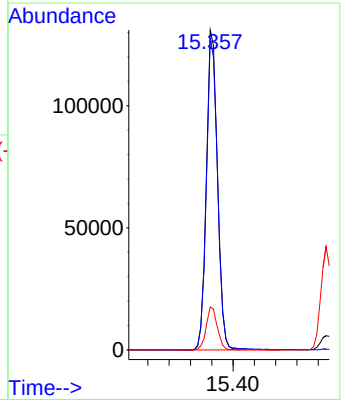


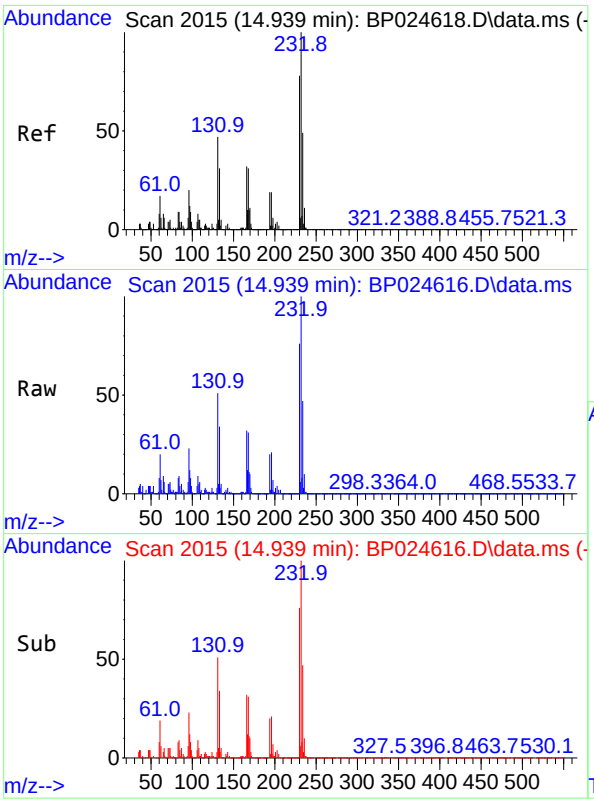


#58
Fluorene
Concen: 10.03 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:166 Resp: 189781

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.5	117.7
167	13.5	10.7	16.1



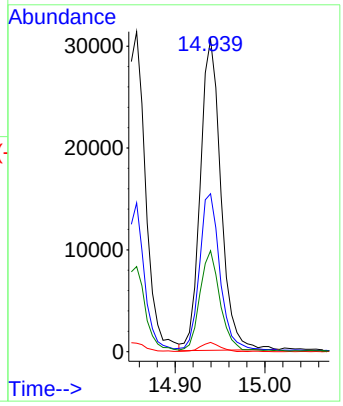


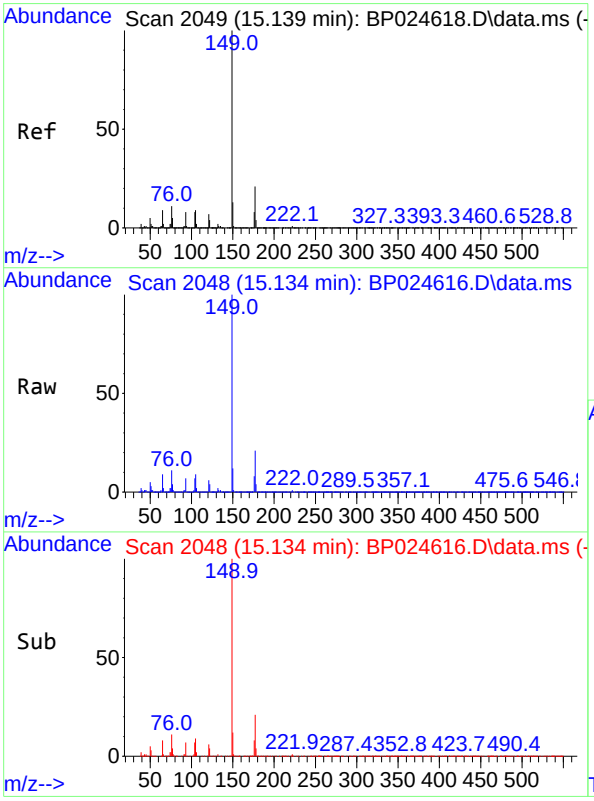
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.37 ng
RT: 14.939 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 48821

Ion	Ratio	Lower	Upper
232	100		
131	50.6	39.5	59.3
130	2.8	2.2	3.4
166	32.1	25.7	38.5

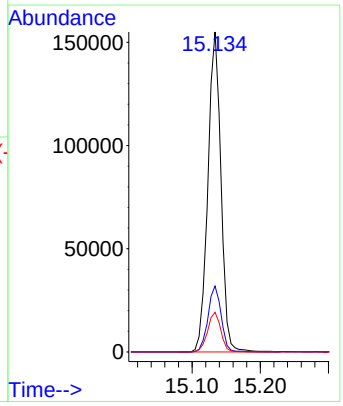


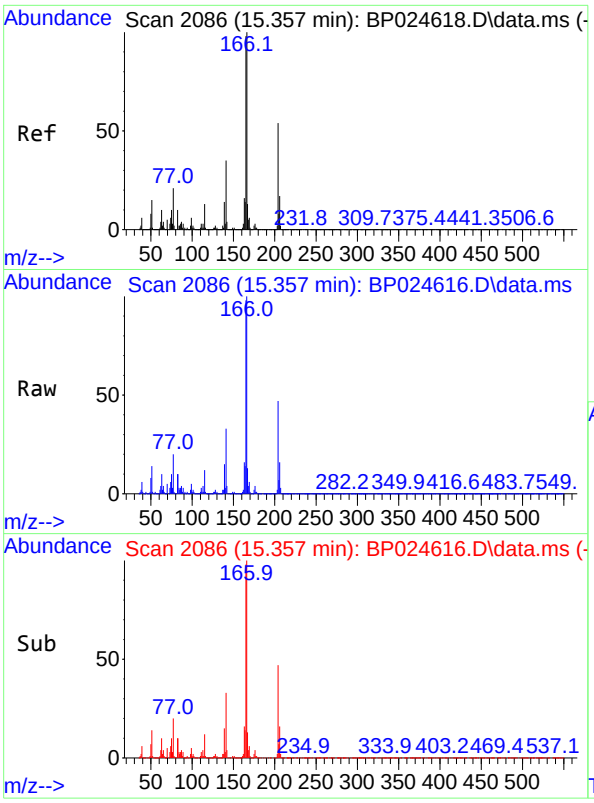


#60
Diethylphthalate
Concen: 10.01 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:149 Resp: 206886

Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.7	25.1
150	12.4	10.2	15.2



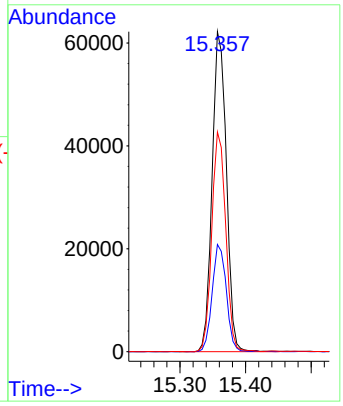


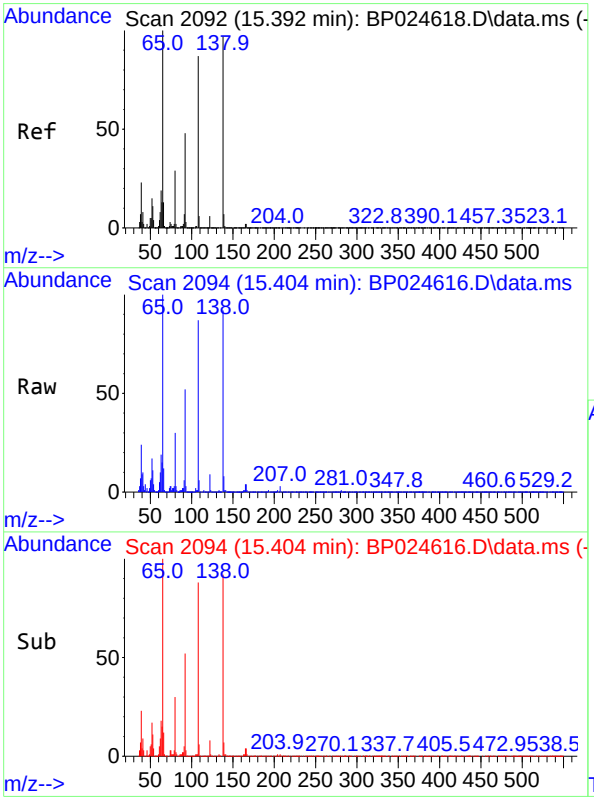
#61
4-Chlorophenyl-phenylether
Concen: 9.91 ng
RT: 15.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 93517

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.0	39.0
141	68.7	52.9	79.3

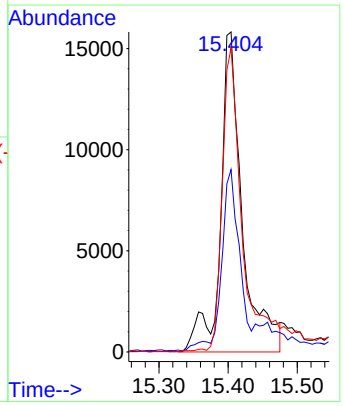


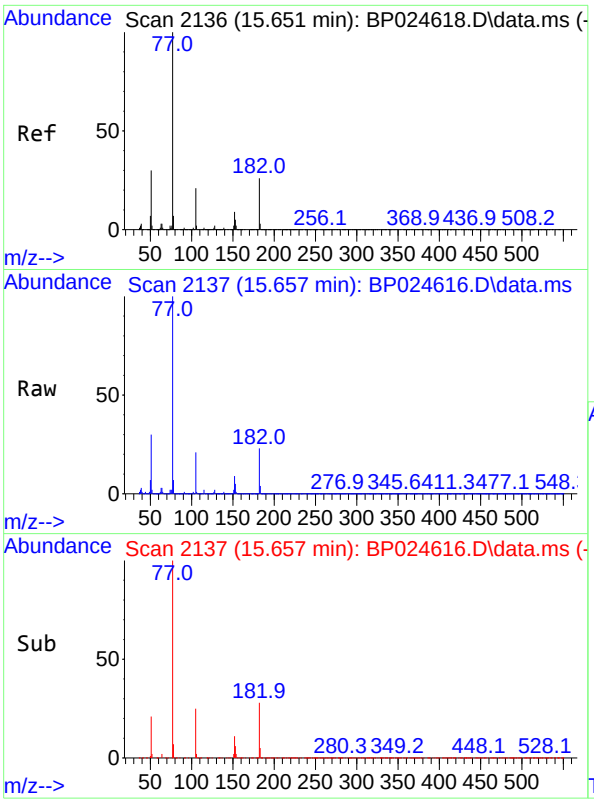


#62
4-Nitroaniline
Concen: 8.11 ng m
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:138 Resp: 34813

Ion	Ratio	Lower	Upper
138	100		
92	57.0	29.2	69.2
108	95.0	69.0	109.0



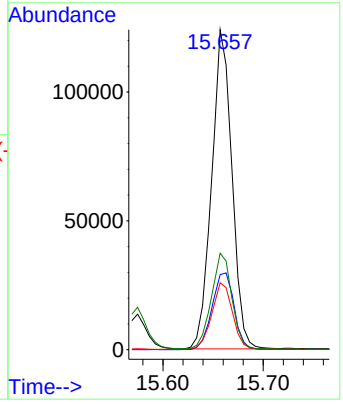


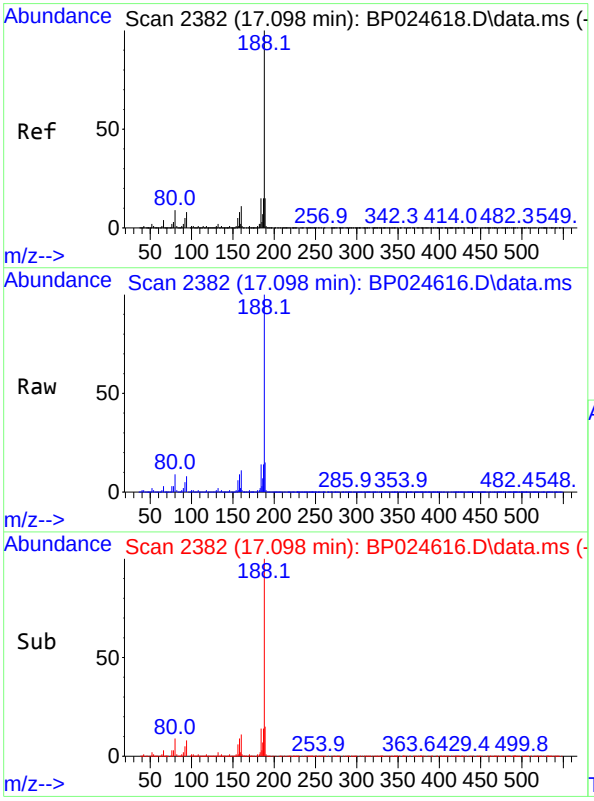
#63
Azobenzene
Concen: 9.86 ng
RT: 15.657 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 174322

Ion	Ratio	Lower	Upper
77	100		
182	23.5	5.7	45.7
105	20.9	1.3	41.3
51	30.1	10.6	50.6

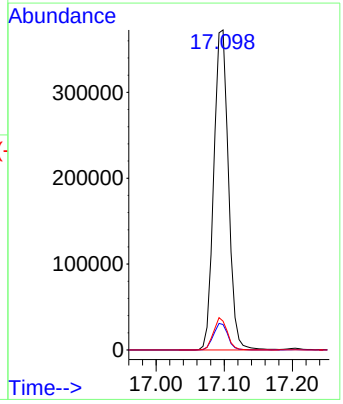


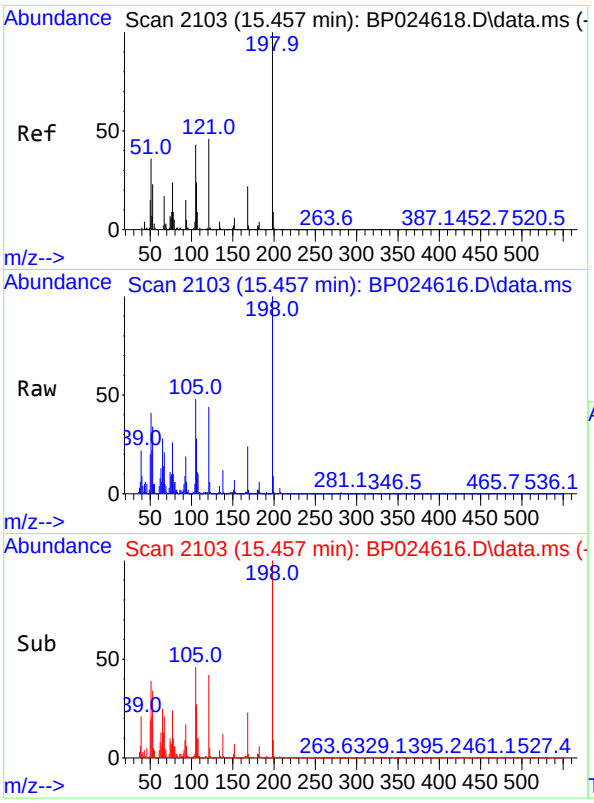


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:188 Resp: 556673

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.5	9.7
80	9.0	7.3	10.9



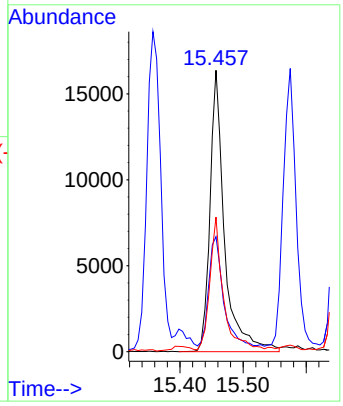


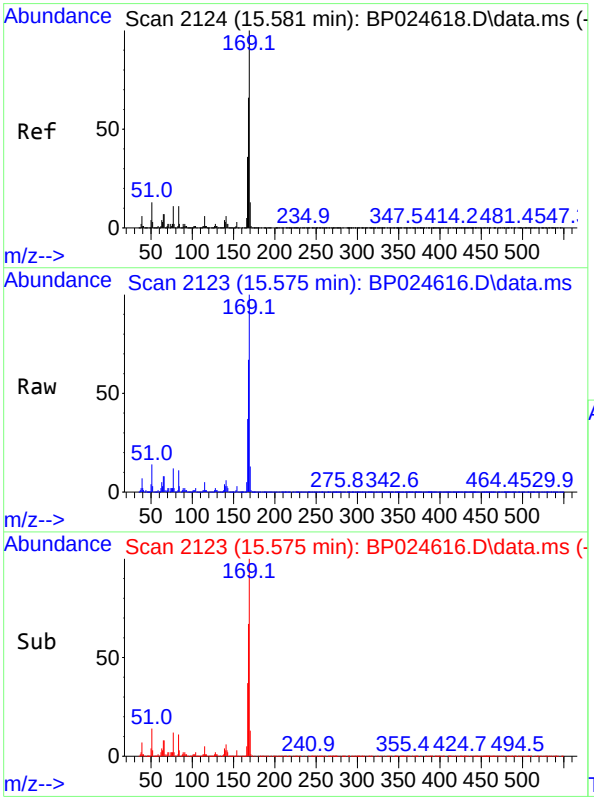
#65
4,6-Dinitro-2-methylphenol
Concen: 7.28 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 26174

Ion	Ratio	Lower	Upper
198	100		
51	40.9	21.1	61.1
105	47.8	23.6	63.6

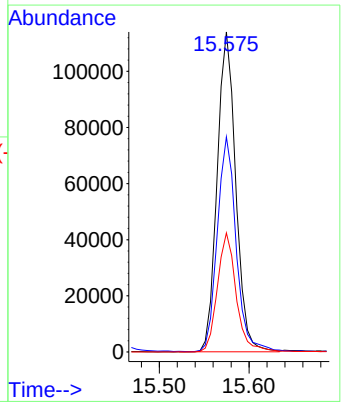


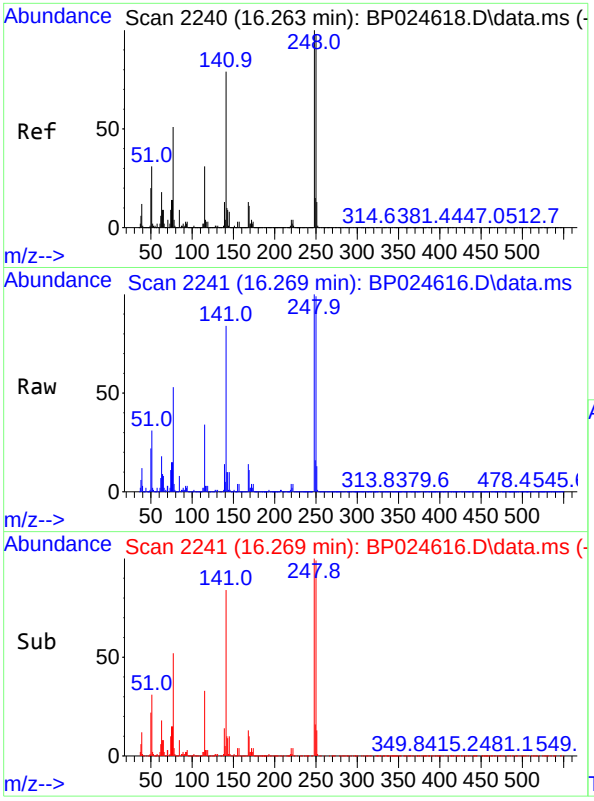


#66
n-Nitrosodiphenylamine
Concen: 9.59 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:169 Resp: 164008

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.2	79.8
167	37.2	28.6	43.0



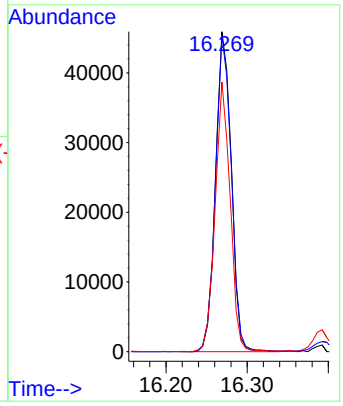


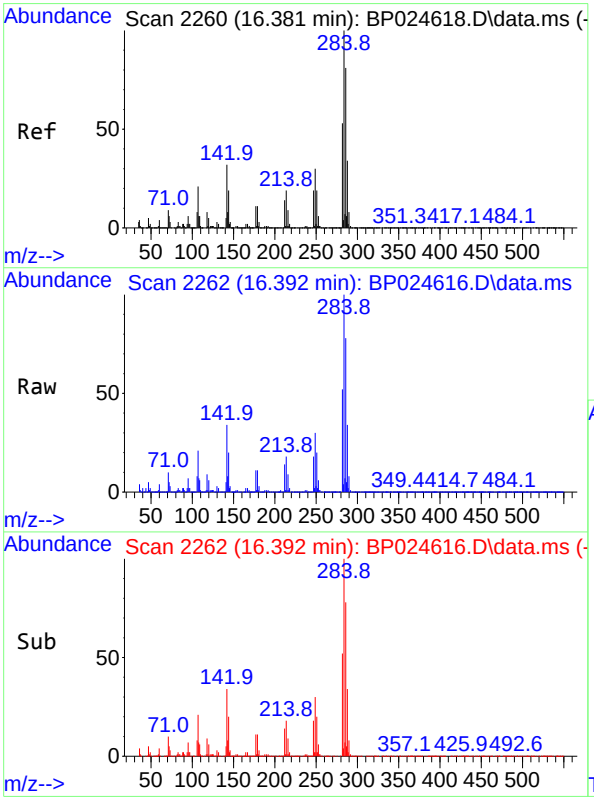
#67
4-Bromophenyl-phenylether
Concen: 9.45 ng
RT: 16.269 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 62011

Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.2	117.4
141	84.3	63.0	94.6

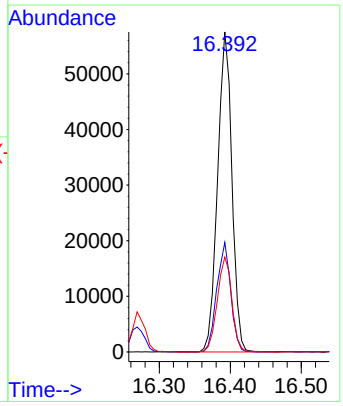


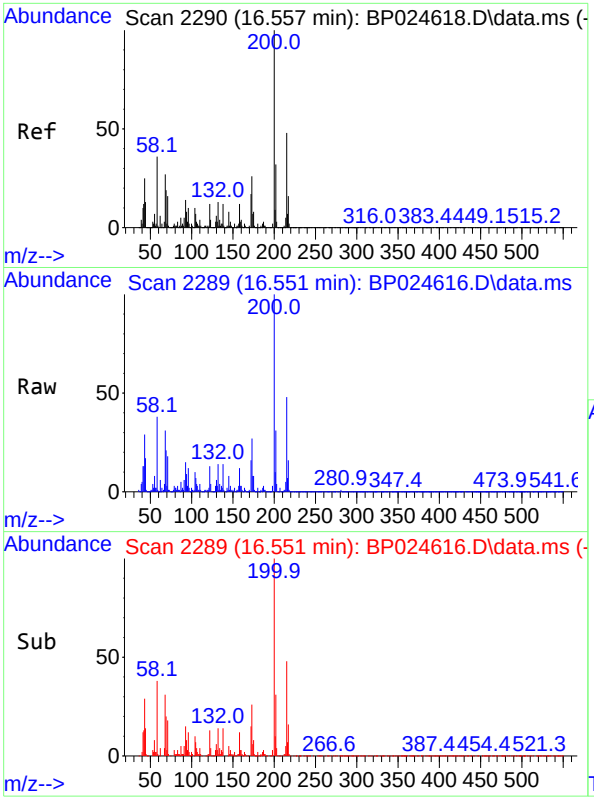


#68
Hexachlorobenzene
Concen: 9.61 ng
RT: 16.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:284 Resp: 80088

Ion	Ratio	Lower	Upper
284	100		
142	34.2	25.9	38.9
249	29.6	24.1	36.1



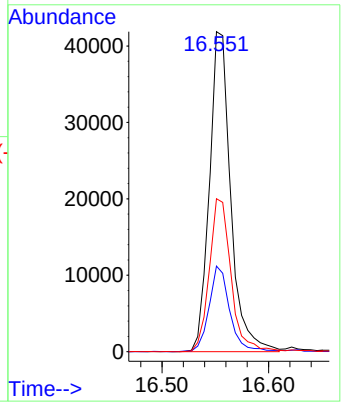


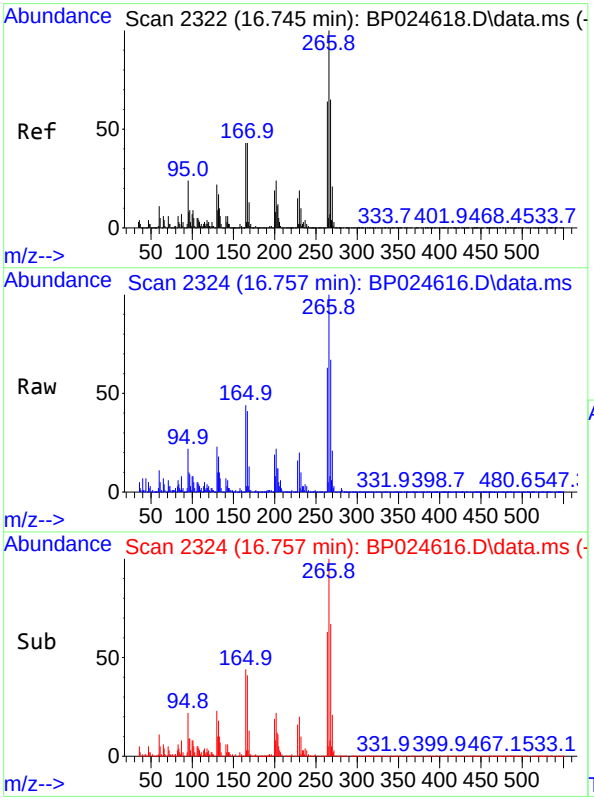
#69
Atrazine
Concen: 9.30 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 58245

Ion	Ratio	Lower	Upper
200	100		
173	26.8	5.9	45.9
215	47.8	28.3	68.3

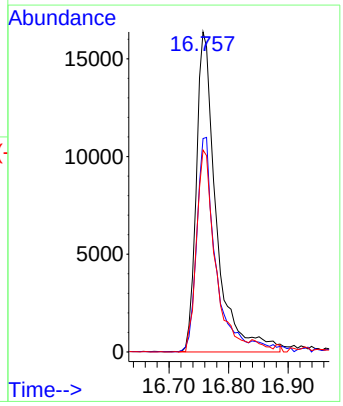


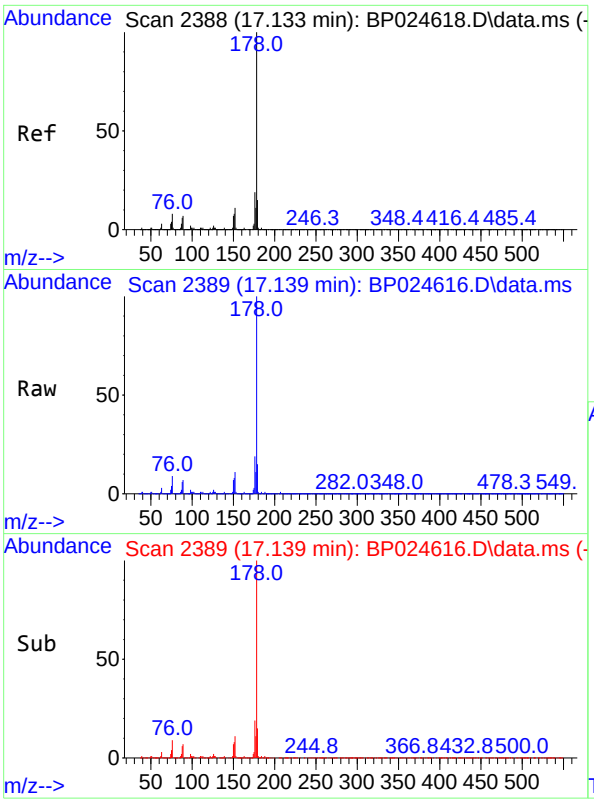


#70
Pentachlorophenol
Concen: 8.14 ng m
RT: 16.757 min Scan# 2324
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:266 Resp: 38095

Ion	Ratio	Lower	Upper
266	100		
268	66.7	52.2	78.4
264	63.1	51.1	76.7



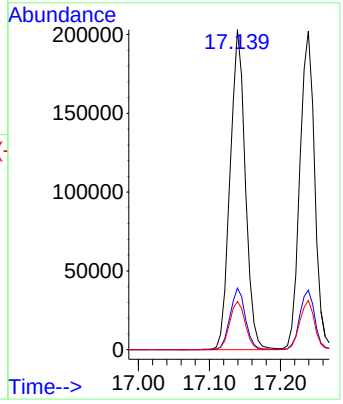


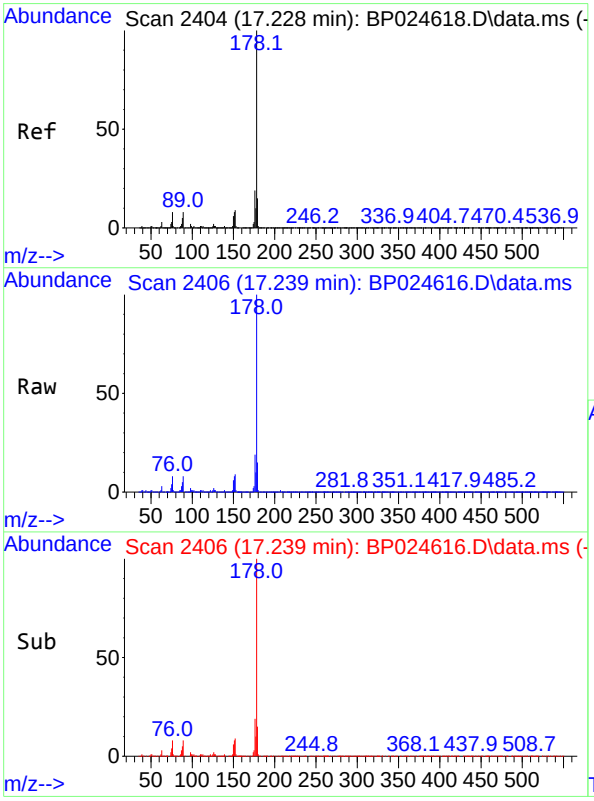
#71
Phenanthrene
Concen: 9.75 ng
RT: 17.139 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 301863

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.1	12.2	18.4

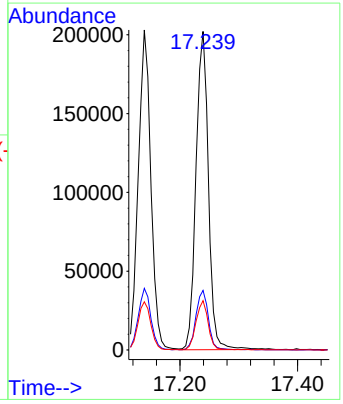


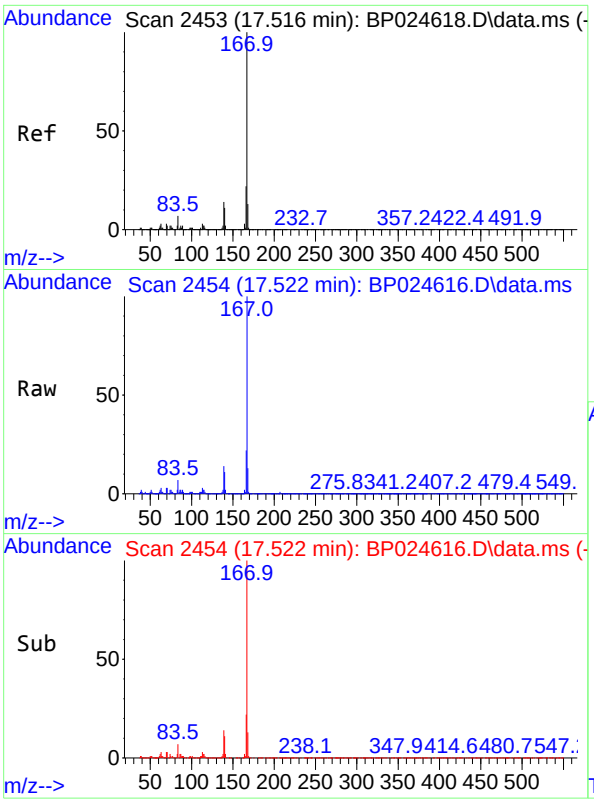


#72
Anthracene
Concen: 9.51 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:178 Resp: 296146

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.5	12.2	18.2



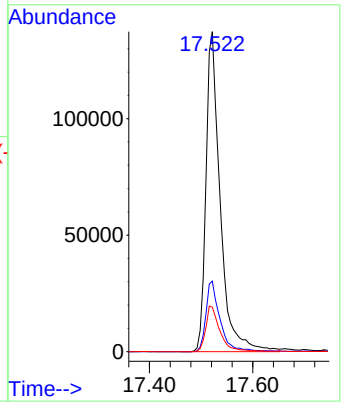


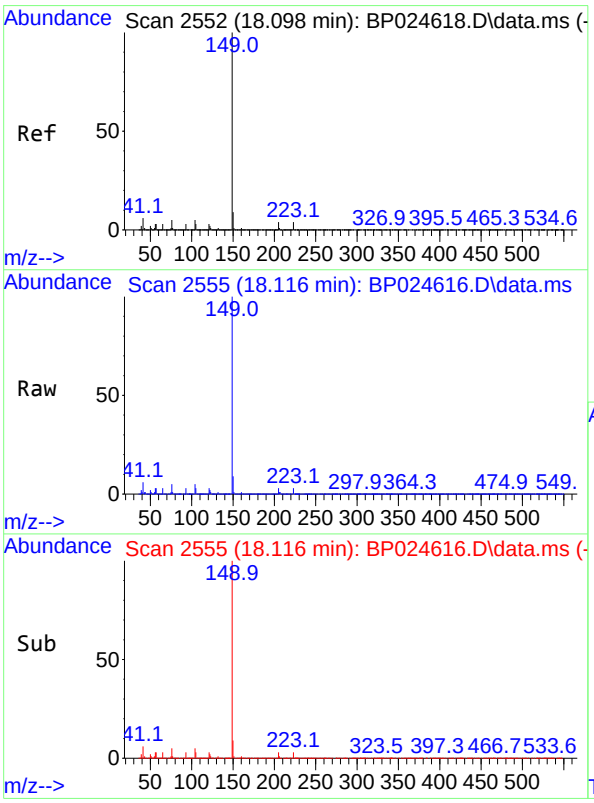
#73
Carbazole
Concen: 9.32 ng
RT: 17.522 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 262687

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	13.9	11.3	16.9

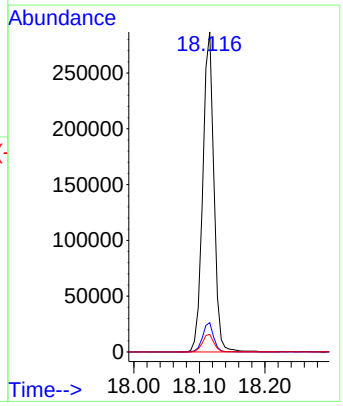


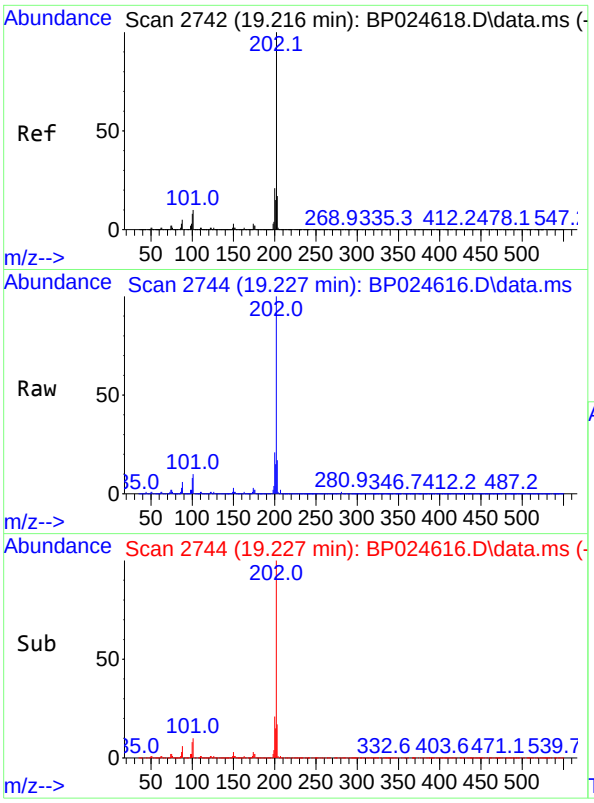


#74
Di-n-butylphthalate
Concen: 9.35 ng
RT: 18.116 min Scan# 2555
Delta R.T. 0.018 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:149 Resp: 338893

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.5	4.3	6.5



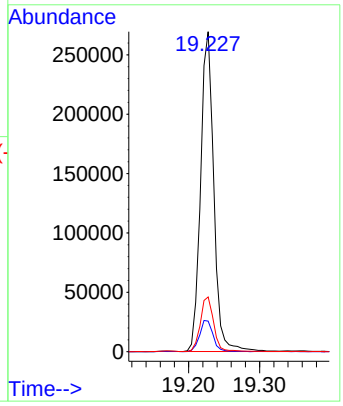


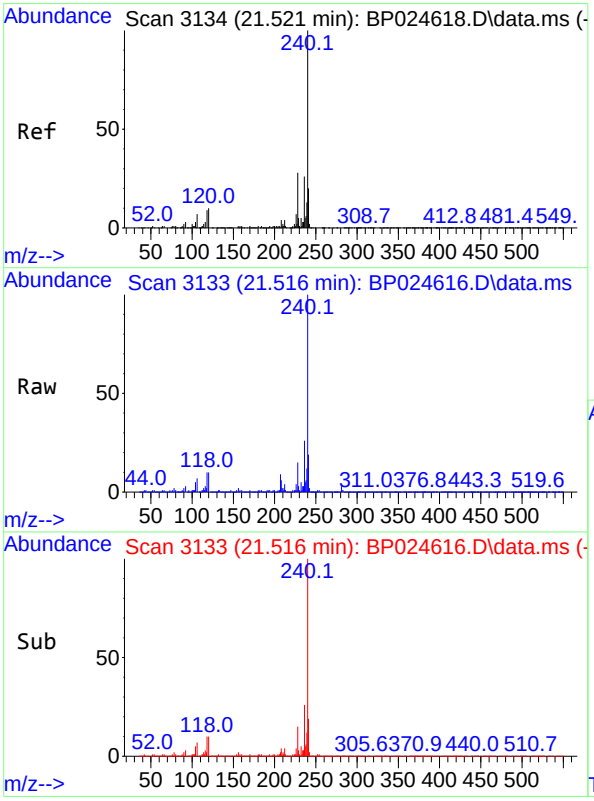
#75
Fluoranthene
Concen: 9.65 ng
RT: 19.227 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 349083

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.3
203	17.1	0.0	37.5

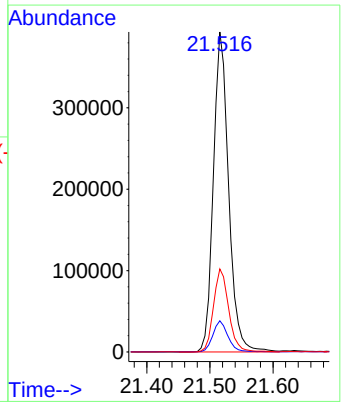


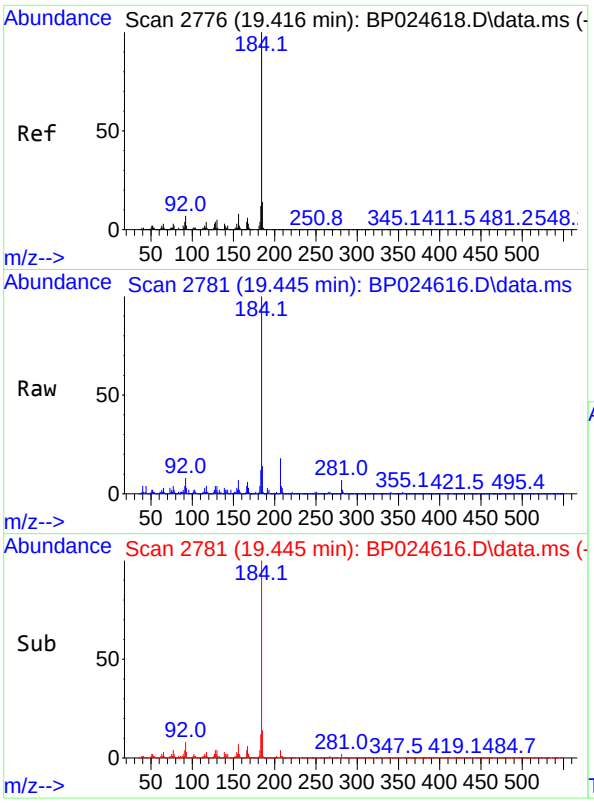


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:240 Resp: 659092

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.8	11.6
236	25.9	20.6	31.0



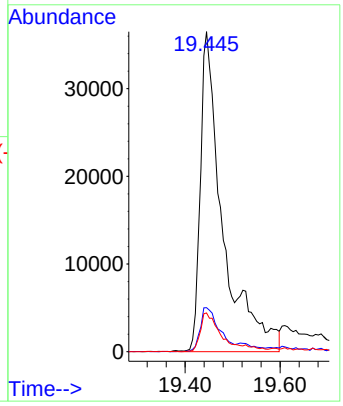


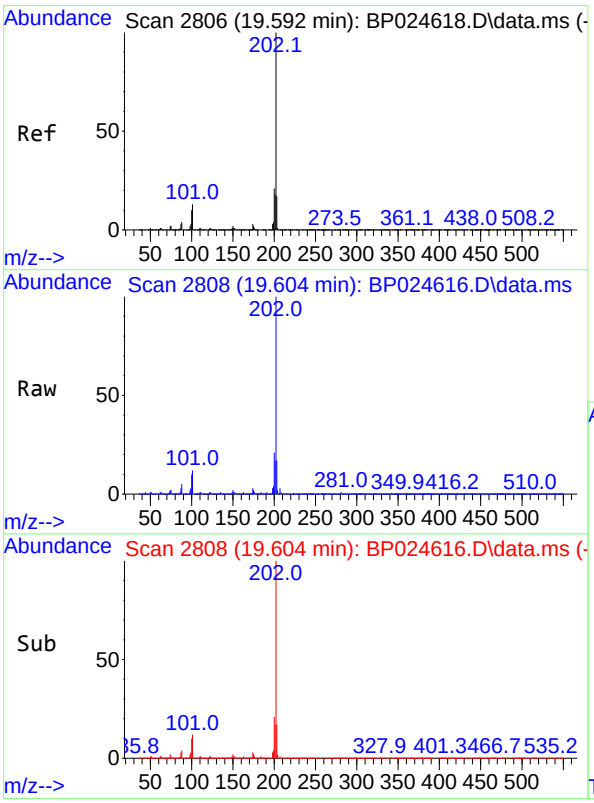
#77
Benzidine
Concen: 6.59 ng m
RT: 19.445 min Scan# 2
Delta R.T. 0.029 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 119229

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.2	16.8
183	12.1	9.8	14.8

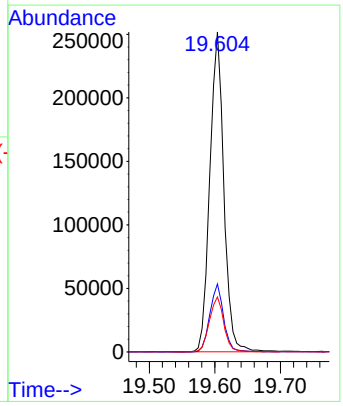


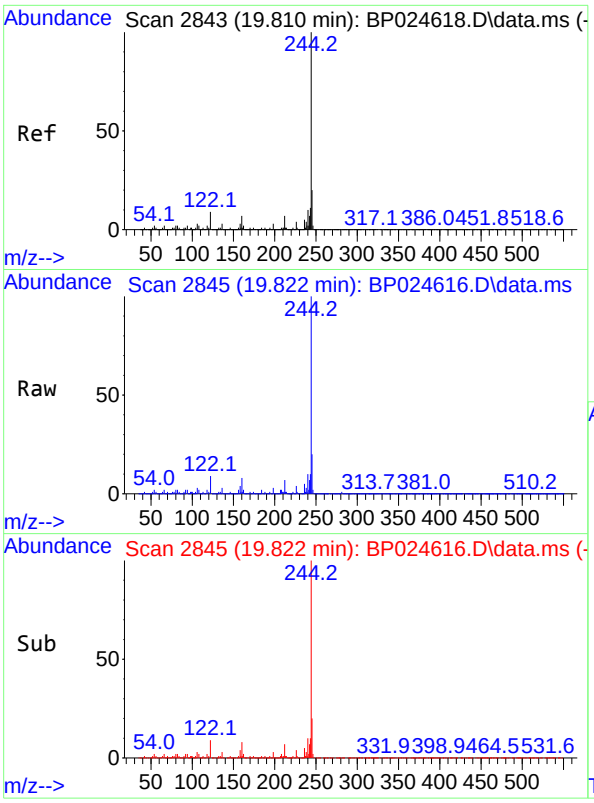


#78
Pyrene
Concen: 9.48 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:202 Resp: 374573

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.2	13.9	20.9



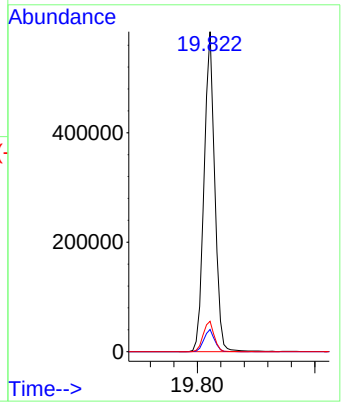


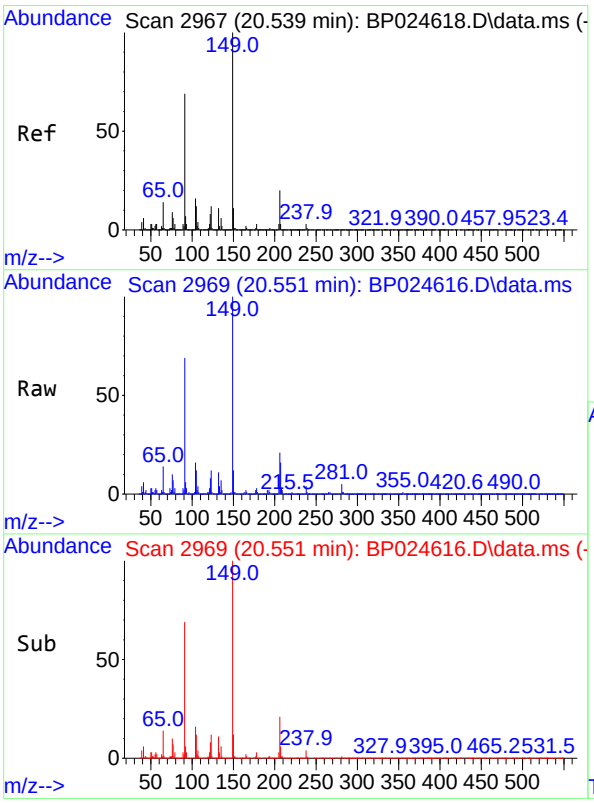
#79
Terphenyl-d14
Concen: 19.09 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 733687

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.5	7.4	11.0

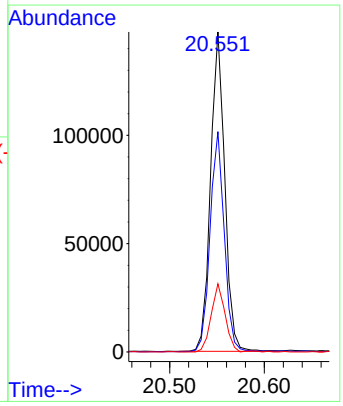


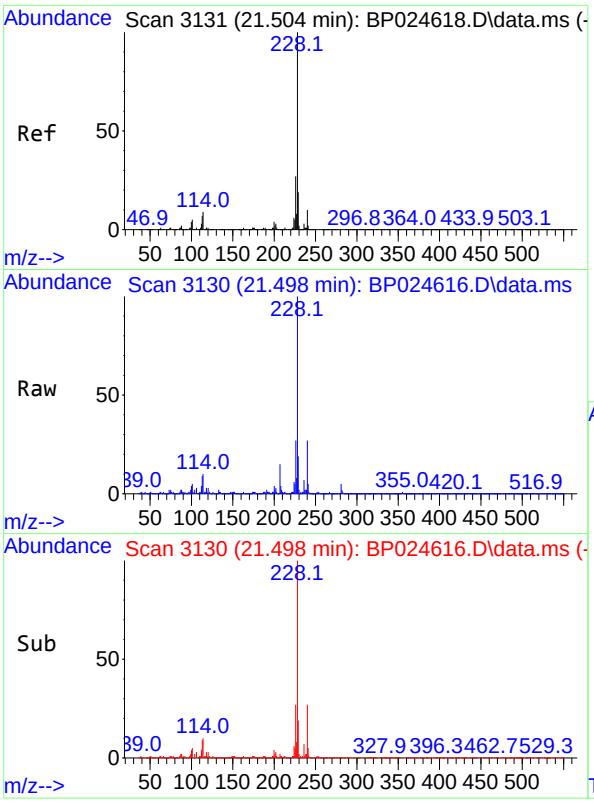


#80
Butylbenzylphthalate
Concen: 8.73 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:149 Resp: 153275

Ion	Ratio	Lower	Upper
149	100		
91	68.8	55.4	83.0
206	21.3	16.2	24.2



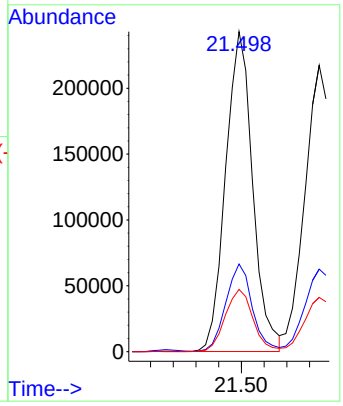


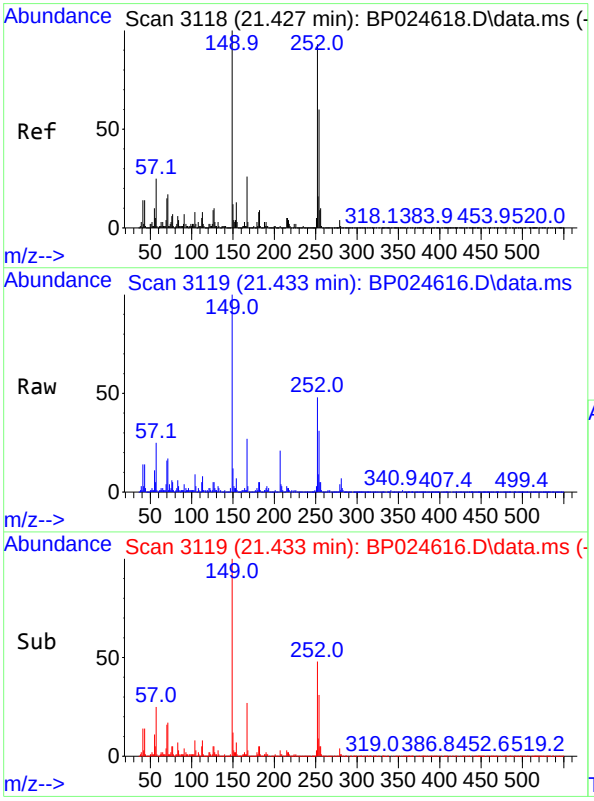
#81
Benzo(a)anthracene
Concen: 9.70 ng
RT: 21.498 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 401322

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.4	32.0
229	19.5	15.5	23.3

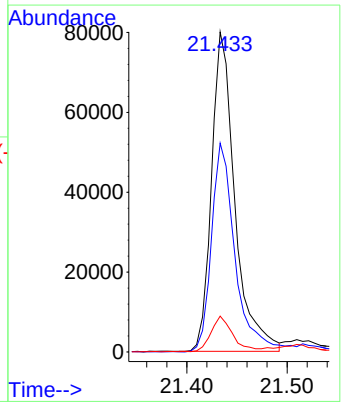


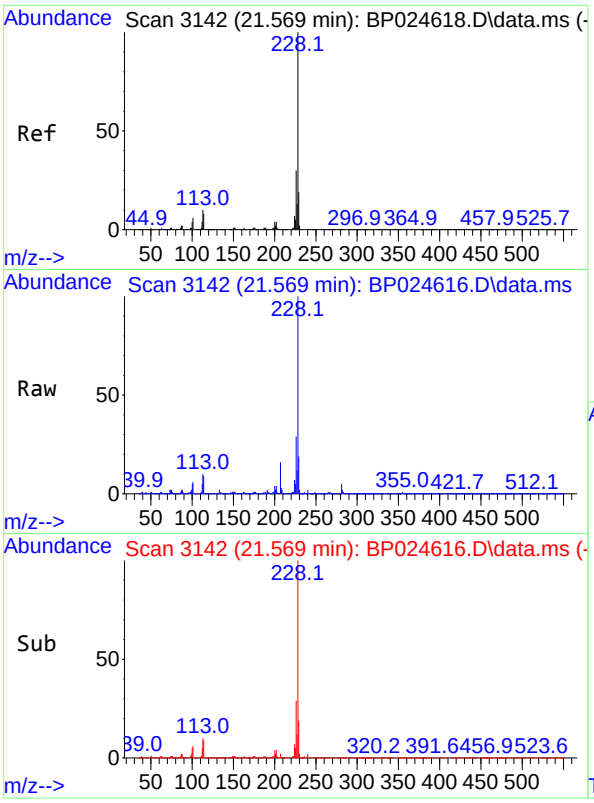


#82
3,3'-Dichlorobenzidine
Concen: 8.41 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:252 Resp: 129324

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.8	77.6
126	11.2	7.7	11.5



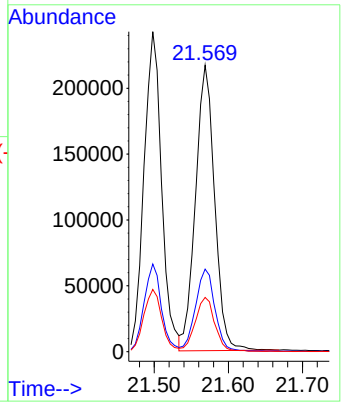


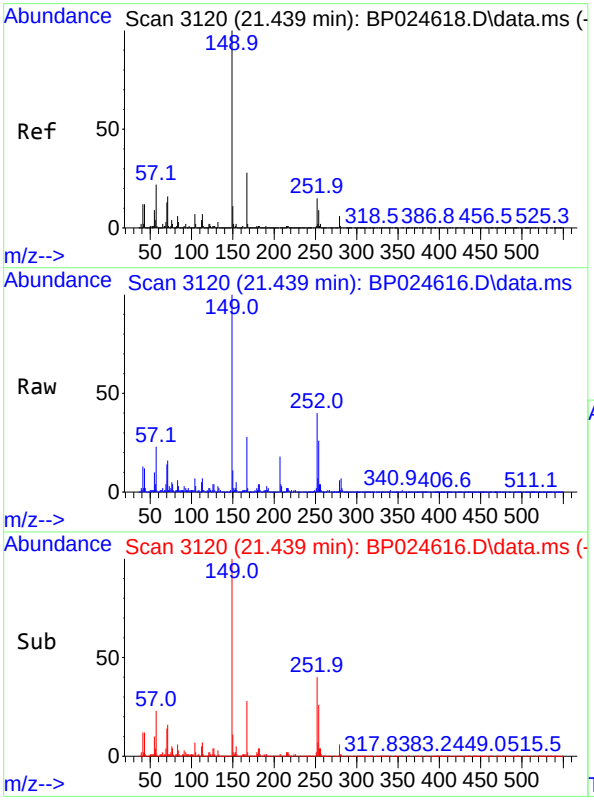
#83
Chrysene
Concen: 9.91 ng
RT: 21.569 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 388846

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	19.0	15.5	23.3

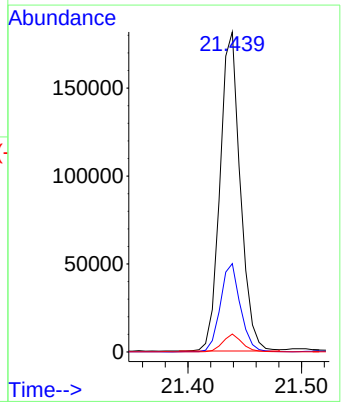


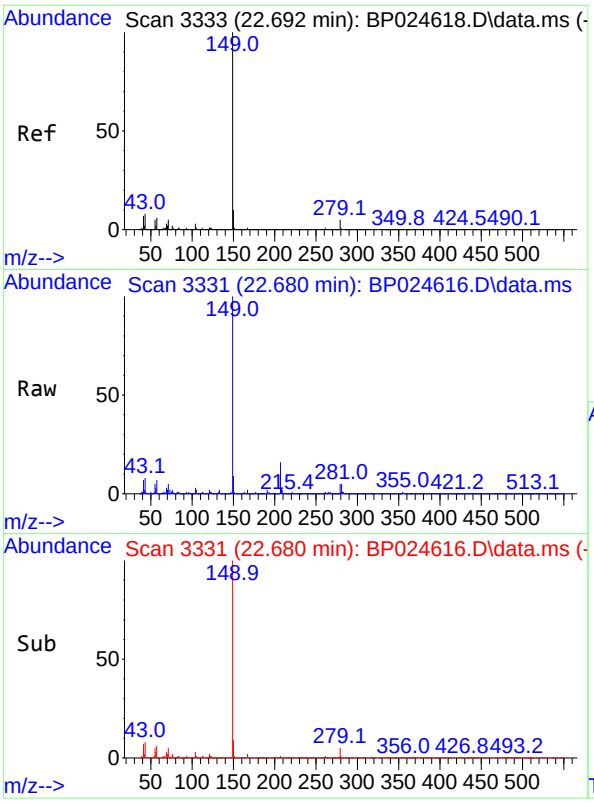


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.72 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:149 Resp: 225047

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	5.6	4.6	6.8



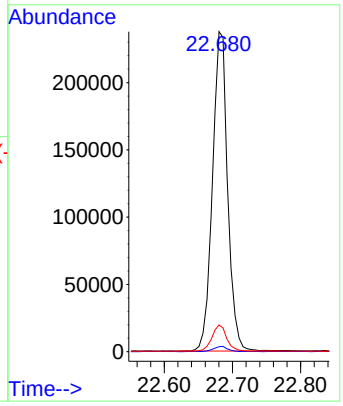


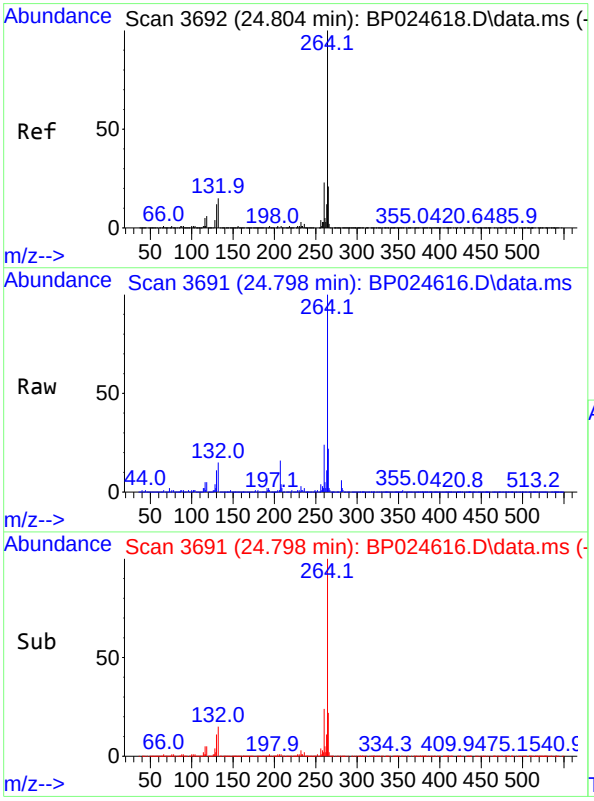
#85
Di-n-octyl phthalate
Concen: 8.72 ng
RT: 22.680 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 367934

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.0	6.3	9.5

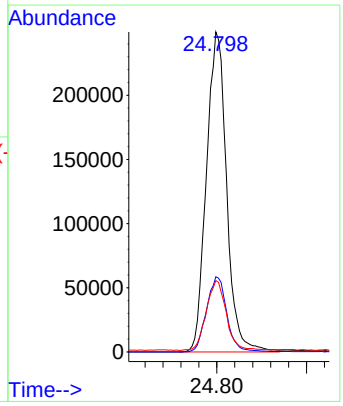


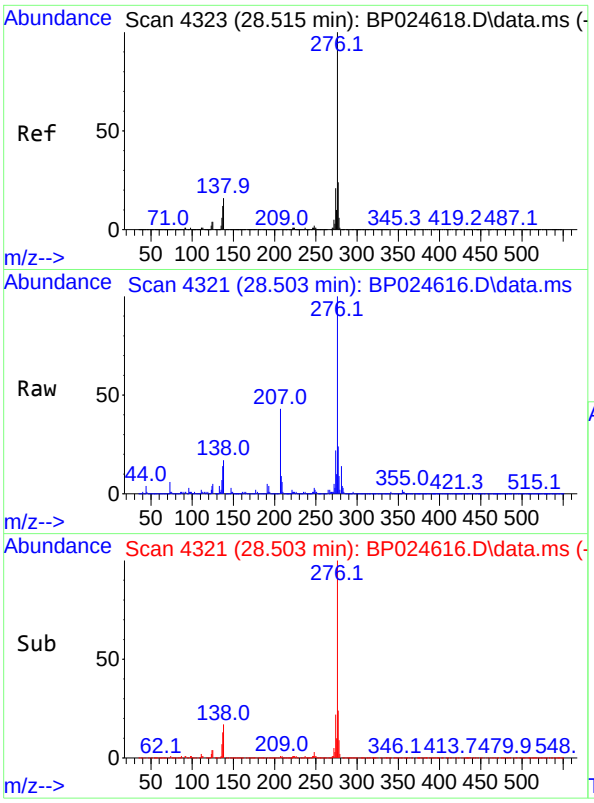


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.798 min Scan# 3691
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:264 Resp: 780142

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.3	17.0	25.6



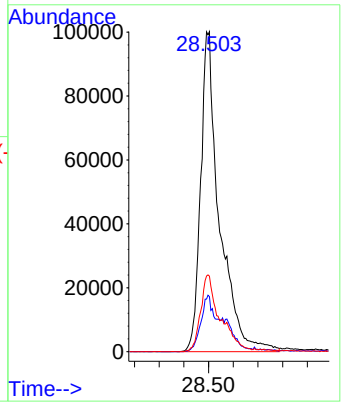


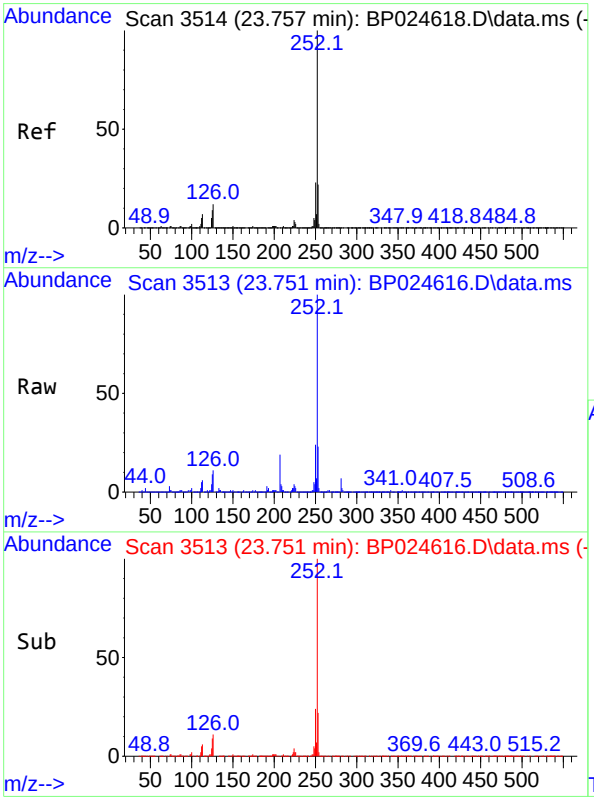
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.29 ng
RT: 28.503 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 529260

Ion	Ratio	Lower	Upper
276	100		
138	15.5	11.2	16.8
277	24.8	15.7	23.5#

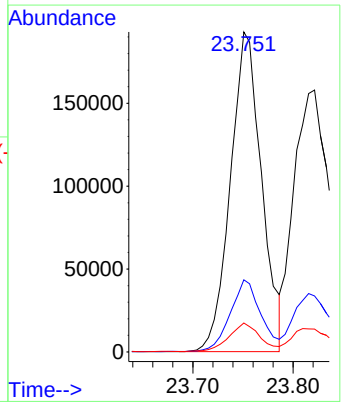


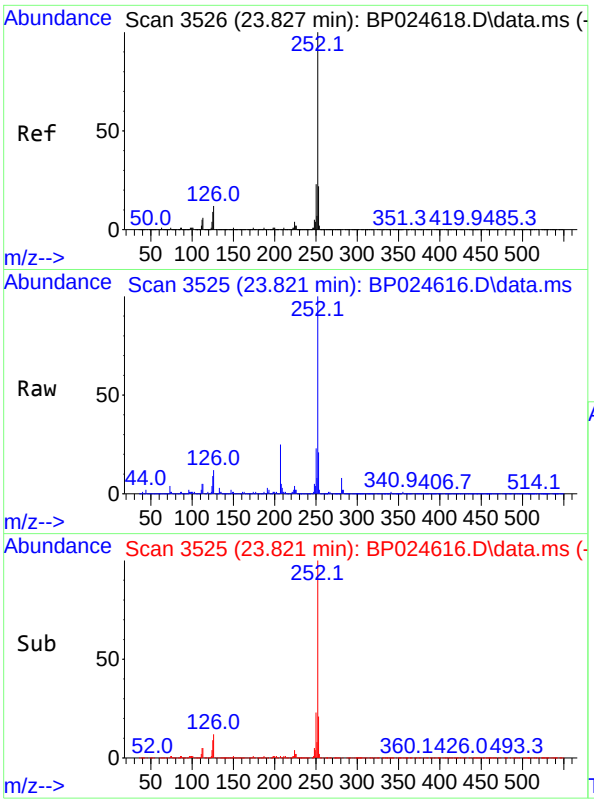


#88
Benzo(b)fluoranthene
Concen: 9.35 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:252 Resp: 417343

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.1	7.5	11.3



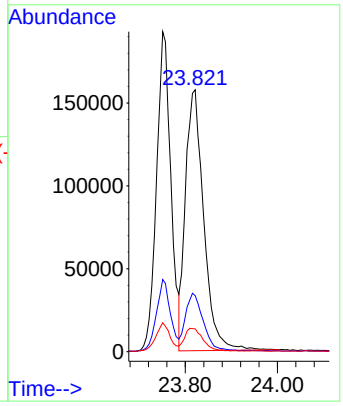


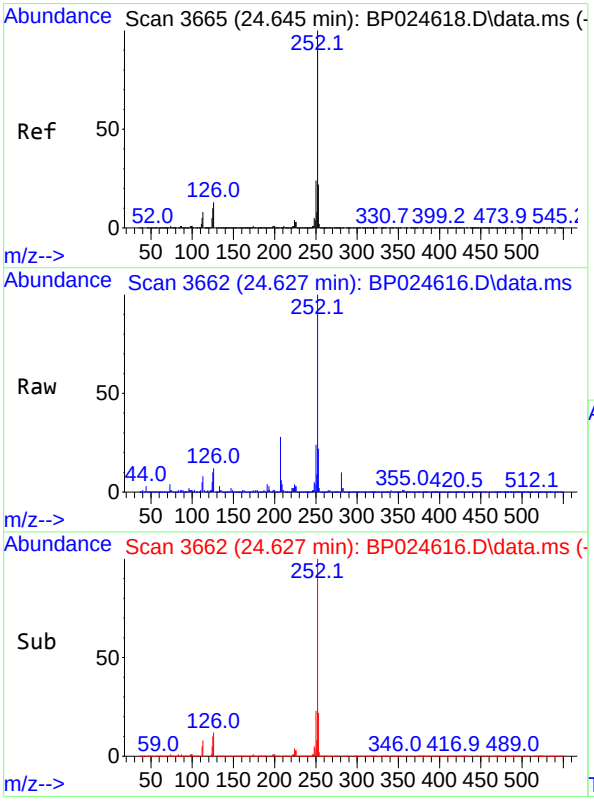
#89
Benzo(k)fluoranthene
Concen: 9.38 ng
RT: 23.821 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 431575

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	8.7	7.0	10.4

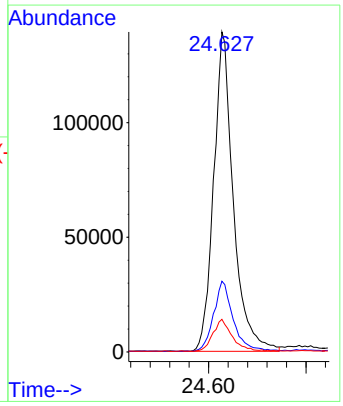


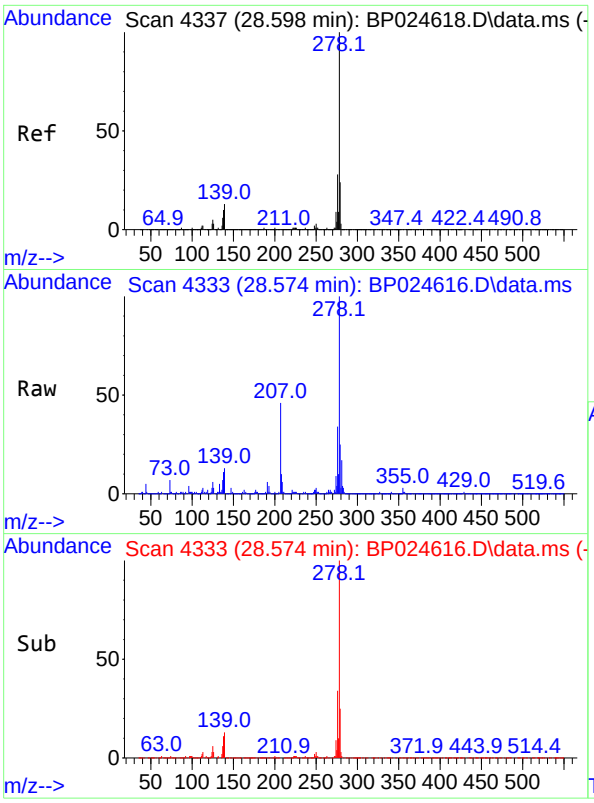


#90
Benzo(a)pyrene
Concen: 9.10 ng
RT: 24.627 min Scan# 3662
Delta R.T. -0.018 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:252 Resp: 390288

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.1	12.1



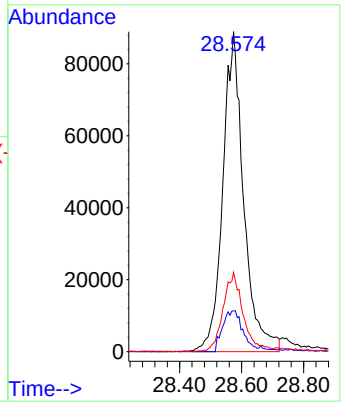


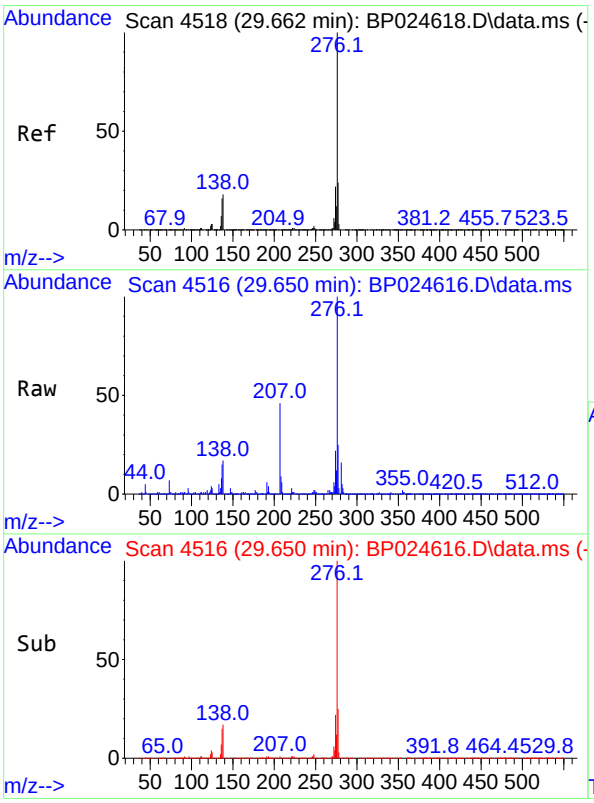
#91
Dibenzo(a,h)anthracene
Concen: 8.97 ng
RT: 28.574 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 415768

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.2	15.4
279	24.7	19.0	28.4

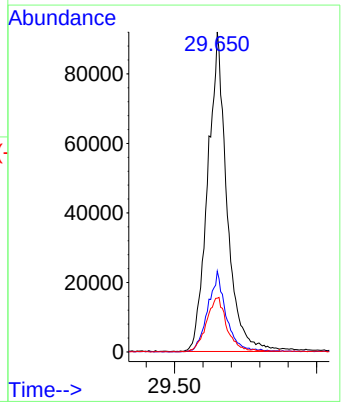




#92
Benzo(g,h,i)perylene
Concen: 9.37 ng
RT: 29.650 min Scan# 4516
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:276 Resp: 431559

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.0	28.4
138	16.8	14.4	21.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024617.D
Acq On : 13 May 2025 12:43
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: May 13 16:05:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.664	152	112650	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	488721	20.00	ng		0.00
39) Acenaphthene-d10	14.299	164	323928	20.00	ng		0.00
64) Phenanthrene-d10	17.087	188	644367	20.00	ng		-0.01
76) Chrysene-d12	21.522	240	745224	20.00	ng		0.00
86) Perylene-d12	24.792	264	850264	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	261821	39.75	ng		0.00
7) Phenol-d6	6.858	99	334811	39.83	ng		0.00
23) Nitrobenzene-d5	8.811	82	391739	40.50	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	217092	39.53	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	1006150	40.69	ng		0.00
79) Terphenyl-d14	19.810	244	1736879	39.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.229	88	60251	19.48	ng		98
3) Pyridine	3.628	79	135451	19.75	ng		99
4) n-Nitrosodimethylamine	3.540	42	59324	19.59	ng		99
6) Aniline	7.005	93	217646	20.05	ng		100
8) 2-Chlorophenol	7.240	128	147726	19.76	ng		99
9) Benzaldehyde	6.822	77	117823m	21.69	ng		
10) Phenol	6.881	94	171949	19.82	ng		99
11) bis(2-Chloroethyl)ether	7.099	93	141599	19.86	ng		99
12) 1,3-Dichlorobenzene	7.552	146	171270	19.91	ng		99
13) 1,4-Dichlorobenzene	7.699	146	171756	19.85	ng		98
14) 1,2-Dichlorobenzene	8.011	146	168795	20.02	ng		99
15) Benzyl Alcohol	7.911	79	127076	19.89	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	171274	20.06	ng		100
17) 2-Methylphenol	8.111	107	124506	20.01	ng		99
18) Hexachloroethane	8.728	117	65527	19.76	ng		97
19) n-Nitroso-di-n-propyla...	8.458	70	122386	21.05	ng		98
20) 3+4-Methylphenols	8.440	107	169264	20.00	ng		97
22) Acetophenone	8.481	105	249692	20.45	ng	#	100
24) Nitrobenzene	8.858	77	173686	20.40	ng		99
25) Isophorone	9.375	82	339697	20.25	ng		100
26) 2-Nitrophenol	9.563	139	82278	19.73	ng		98
27) 2,4-Dimethylphenol	9.622	122	146819	19.96	ng		97
28) bis(2-Chloroethoxy)met...	9.852	93	200872	20.04	ng		99
29) 2,4-Dichlorophenol	10.099	162	141785	19.90	ng		98
30) 1,2,4-Trichlorobenzene	10.299	180	159998	19.92	ng		95
31) Naphthalene	10.481	128	512888	20.25	ng		100
32) Benzoic acid	9.746	122	71538m	18.73	ng		
33) 4-Chloroaniline	10.605	127	205433	20.10	ng		99
34) Hexachlorobutadiene	10.763	225	103364	19.87	ng		99
35) Caprolactam	11.381	113	50721	19.68	ng		99
36) 4-Chloro-3-methylphenol	11.734	107	174840	20.12	ng		99
37) 2-Methylnaphthalene	12.093	142	327447	19.97	ng		99
38) 1-Methylnaphthalene	12.316	142	352091	20.07	ng		100
40) 1,2,4,5-Tetrachloroben...	12.469	216	185982	19.77	ng		99
41) Hexachlorocyclopentadiene	12.440	237	113499	19.90	ng		98
43) 2,4,6-Trichlorophenol	12.722	196	121520	19.95	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024617.D
Acq On : 13 May 2025 12:43
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: May 13 16:05:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	135306	19.95	ng	98
46) 1,1'-Biphenyl	13.116	154	483352	20.19	ng	100
47) 2-Chloronaphthalene	13.163	162	366247	20.06	ng	100
48) 2-Nitroaniline	13.375	65	107062	19.81	ng	98
49) Acenaphthylene	14.016	152	621997	20.36	ng	100
50) Dimethylphthalate	13.751	163	491623	19.91	ng	99
51) 2,6-Dinitrotoluene	13.869	165	105479	20.23	ng	97
52) Acenaphthene	14.357	154	354519	20.19	ng	99
53) 3-Nitroaniline	14.210	138	106527	20.01	ng	98
54) 2,4-Dinitrophenol	14.428	184	46351	19.37	ng	91
55) Dibenzofuran	14.698	168	563719	20.12	ng	99
56) 4-Nitrophenol	14.551	139	71975	19.02	ng	93
57) 2,4-Dinitrotoluene	14.675	165	147676	20.09	ng	99
58) Fluorene	15.357	166	456792	20.00	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	123265	19.59	ng	99
60) Diethylphthalate	15.128	149	497916	19.95	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	226790	19.91	ng	98
62) 4-Nitroaniline	15.393	138	105617	20.37	ng	99
63) Azobenzene	15.651	77	439183	20.57	ng	99
65) 4,6-Dinitro-2-methylph...	15.451	198	77131	18.53	ng	96
66) n-Nitrosodiphenylamine	15.575	169	404085	20.42	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	152393	20.07	ng	97
68) Hexachlorobenzene	16.381	284	192290	19.93	ng	99
69) Atrazine	16.545	200	146468	20.19	ng	99
70) Pentachlorophenol	16.740	266	104916	19.36	ng	98
71) Phenanthrene	17.128	178	724922	20.24	ng	100
72) Anthracene	17.222	178	735787	20.42	ng	100
73) Carbazole	17.510	167	669730	20.53	ng	99
74) Di-n-butylphthalate	18.092	149	858522	20.46	ng	100
75) Fluoranthene	19.210	202	846684	20.22	ng	100
77) Benzidine	19.422	184	404890	19.79	ng	99
78) Pyrene	19.592	202	892037	19.98	ng	99
80) Butylbenzylphthalate	20.539	149	400050	20.14	ng	97
81) Benzo(a)anthracene	21.498	228	933614	19.95	ng	99
82) 3,3'-Dichlorobenzidine	21.428	252	353000	20.31	ng	100
83) Chrysene	21.569	228	883001	19.91	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	597012	20.45	ng	98
85) Di-n-octyl phthalate	22.686	149	947571	19.85	ng	99
87) Indeno(1,2,3-cd)pyrene	28.486	276	1230125m	19.81	ng	
88) Benzo(b)fluoranthene	23.757	252	979873	20.13	ng	99
89) Benzo(k)fluoranthene	23.822	252	1005349	20.05	ng	100
90) Benzo(a)pyrene	24.627	252	945764	20.23	ng	100
91) Dibenzo(a,h)anthracene	28.568	278	1008288	19.97	ng	99
92) Benzo(g,h,i)perylene	29.627	276	991852	19.75	ng	99

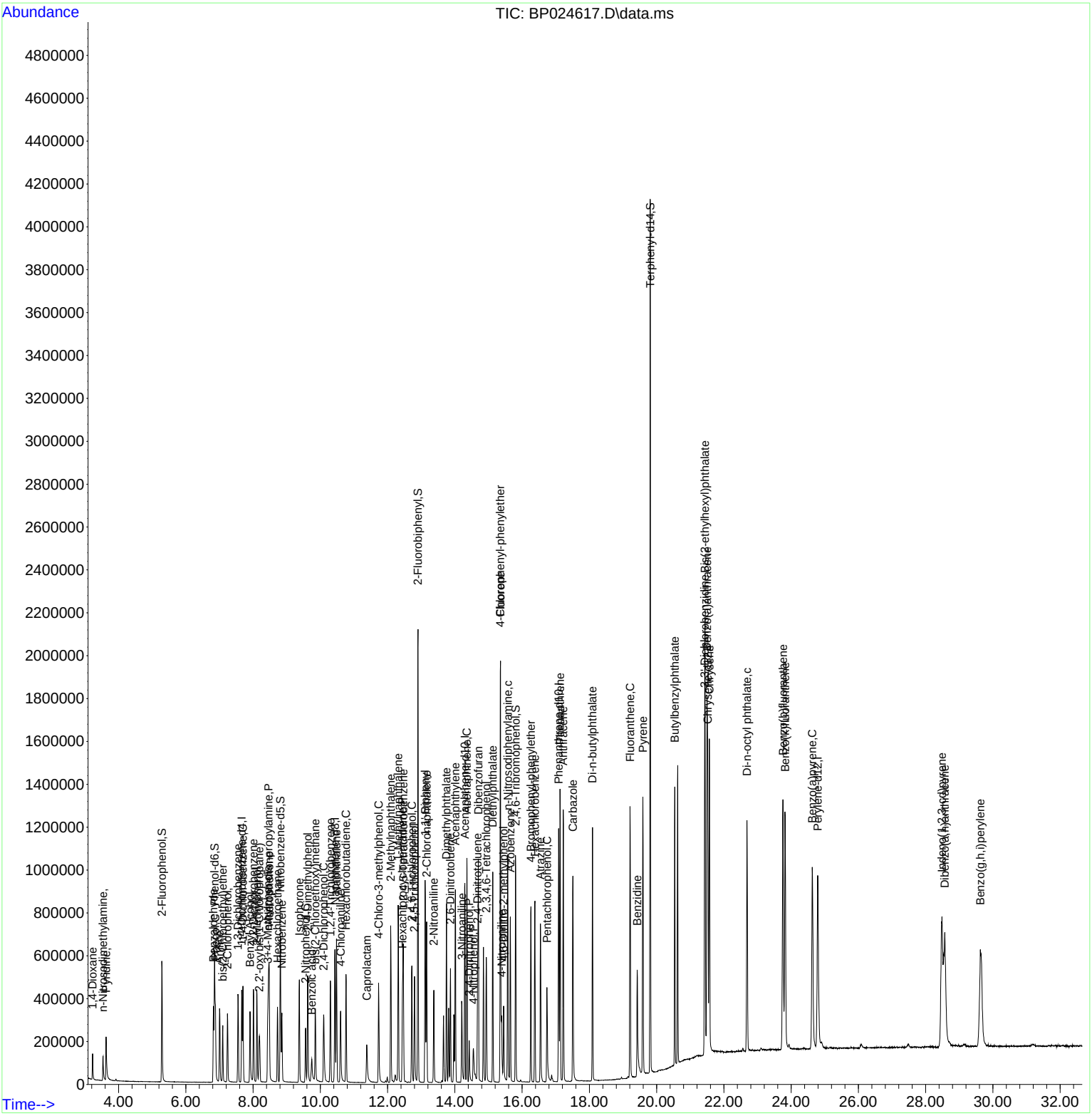
(#) = qualifier out of range (m) = manual integration (+) = signals summed

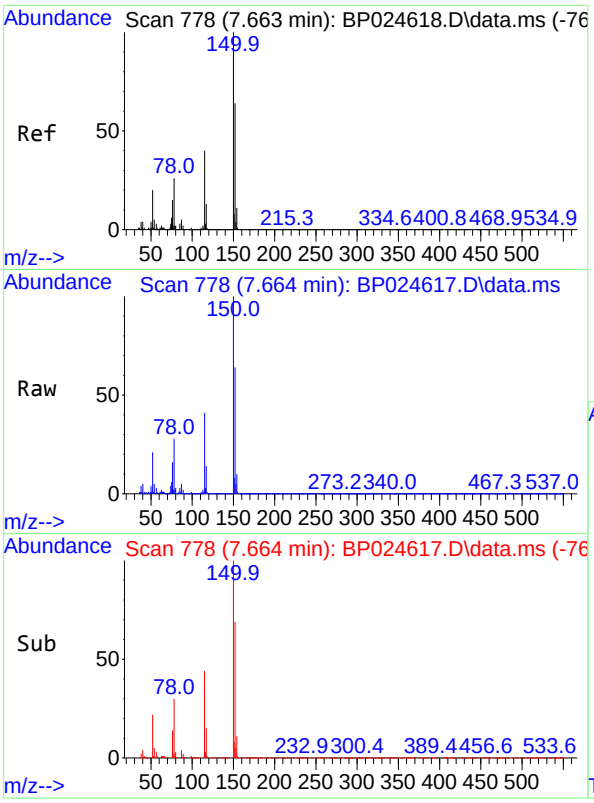
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024617.D
Acq On : 13 May 2025 12:43
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: May 13 16:05:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



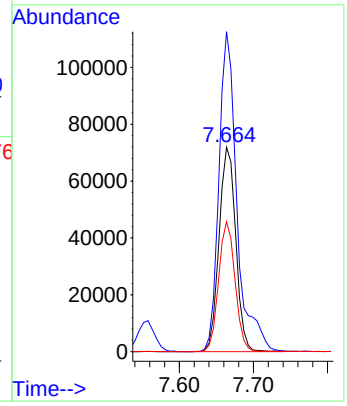


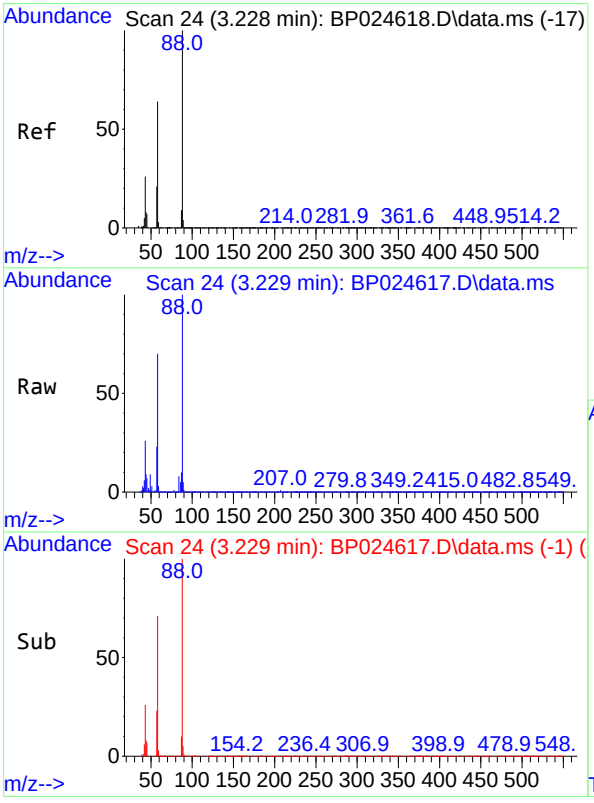
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.664 min Scan# 7
Delta R.T. 0.001 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 112650

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.9	188.9
115	63.6	50.1	75.1

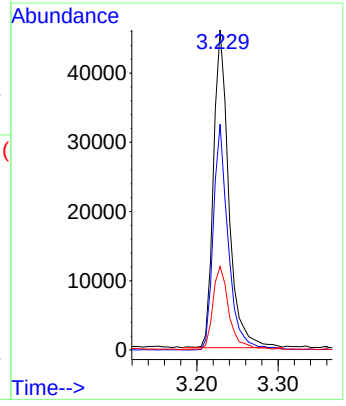


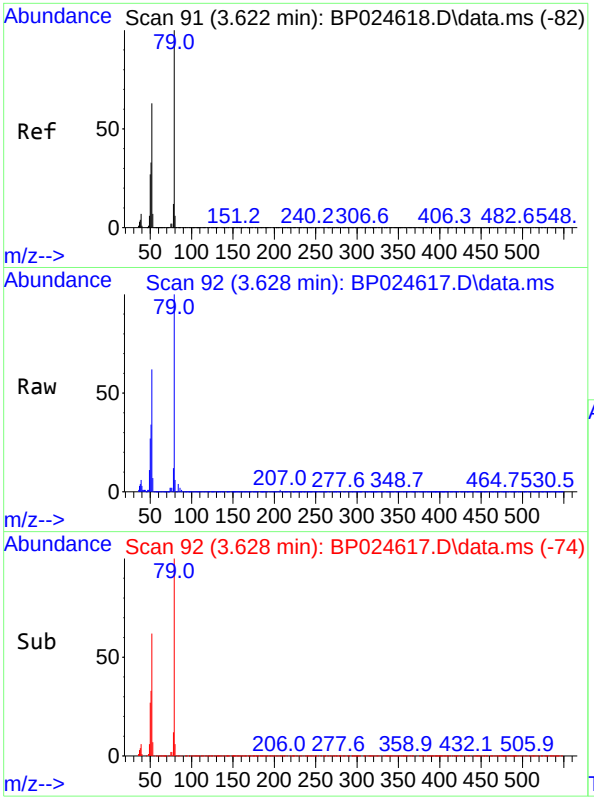


#2
1,4-Dioxane
Concen: 19.48 ng
RT: 3.229 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 88 Resp: 60251

Ion	Ratio	Lower	Upper
88	100		
58	69.2	54.0	81.0
43	27.3	21.4	32.0



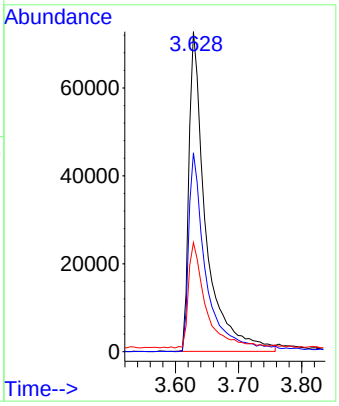


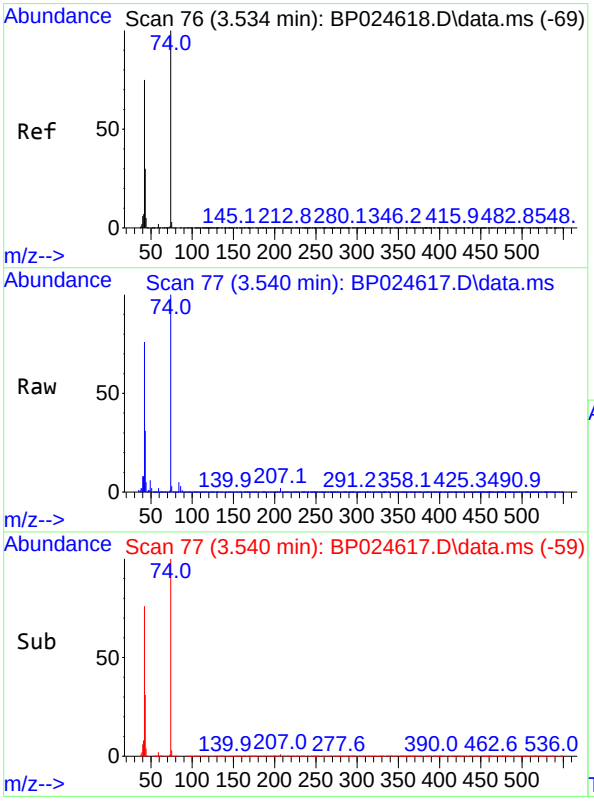
#3
Pyridine
Concen: 19.75 ng
RT: 3.628 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 135451

Ion	Ratio	Lower	Upper
79	100		
52	62.1	50.2	75.2
51	34.1	26.8	40.2

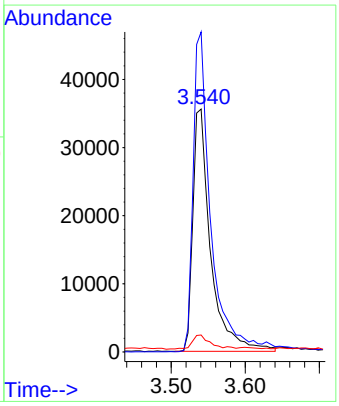


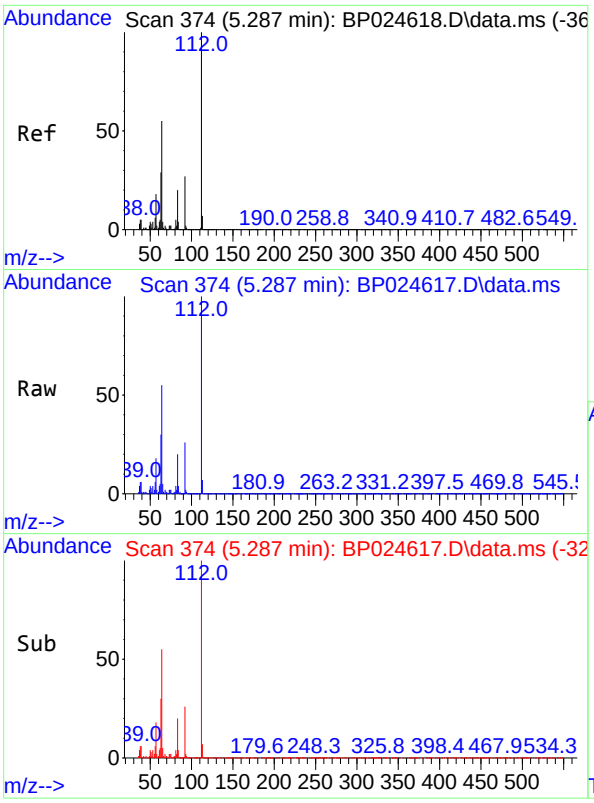


#4
n-Nitrosodimethylamine
Concen: 19.59 ng
RT: 3.540 min Scan# 77
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 42 Resp: 59324

Ion	Ratio	Lower	Upper
42	100		
74	131.7	106.2	159.2
44	7.0	5.4	8.2



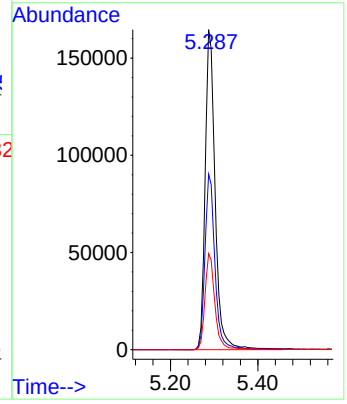


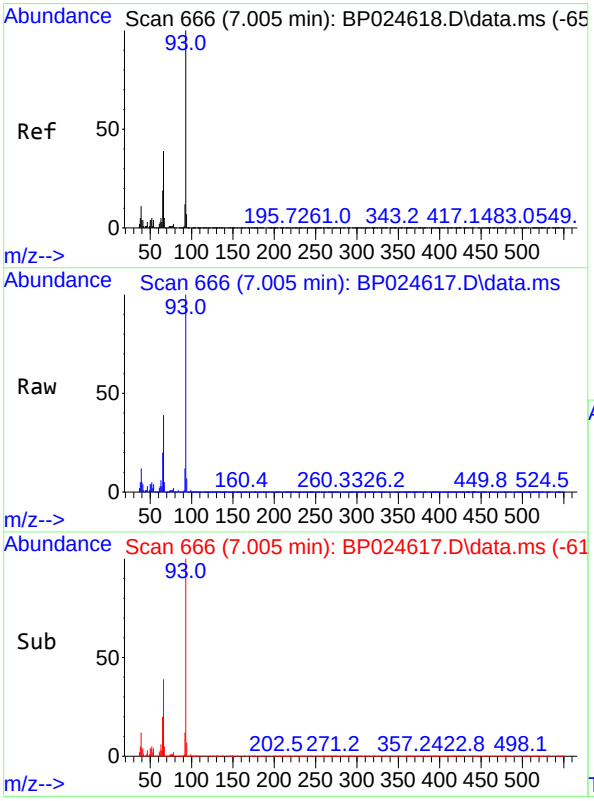
#5
2-Fluorophenol
Concen: 39.75 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 261821

Ion	Ratio	Lower	Upper
112	100		
64	54.8	44.1	66.1
63	30.0	23.5	35.3

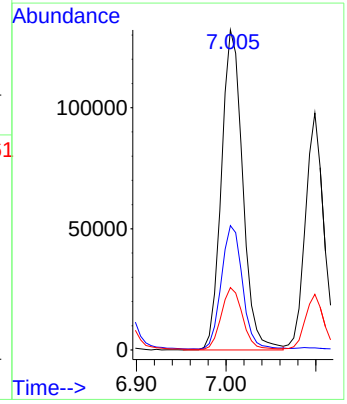


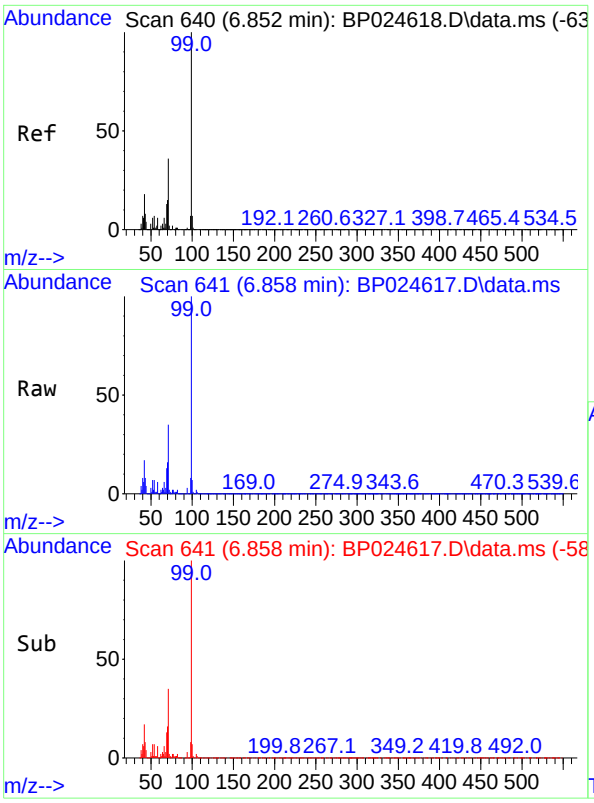


#6
Aniline
Concen: 20.05 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 93 Resp: 217646

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.0	46.6
65	19.5	15.5	23.3



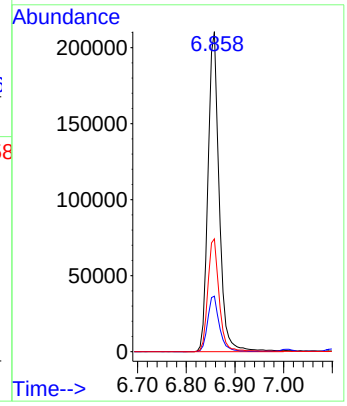


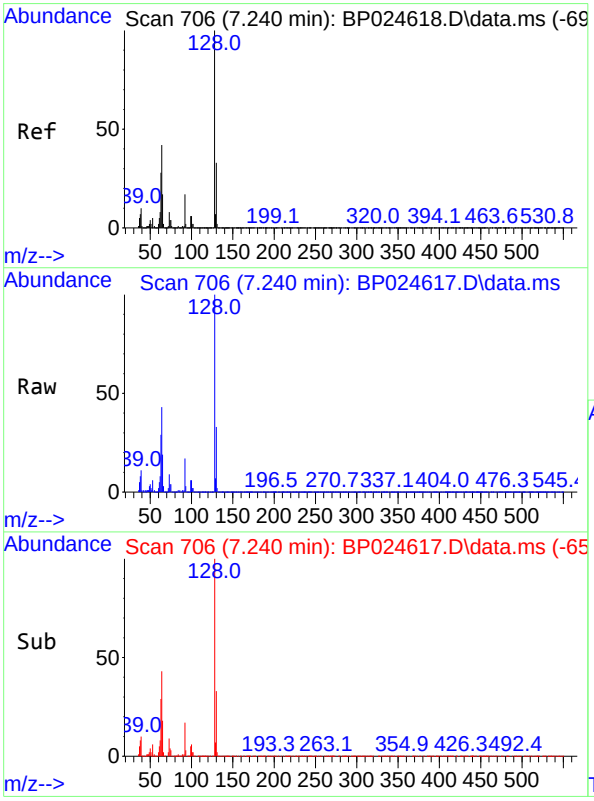
#7
Phenol-d6
Concen: 39.83 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 334811

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.4	21.6
71	35.3	29.2	43.8

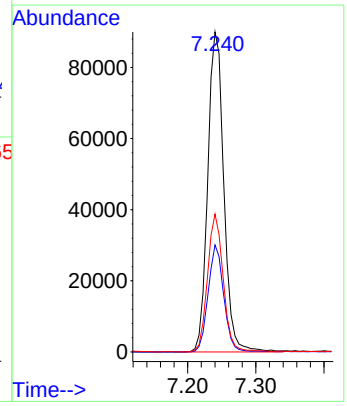


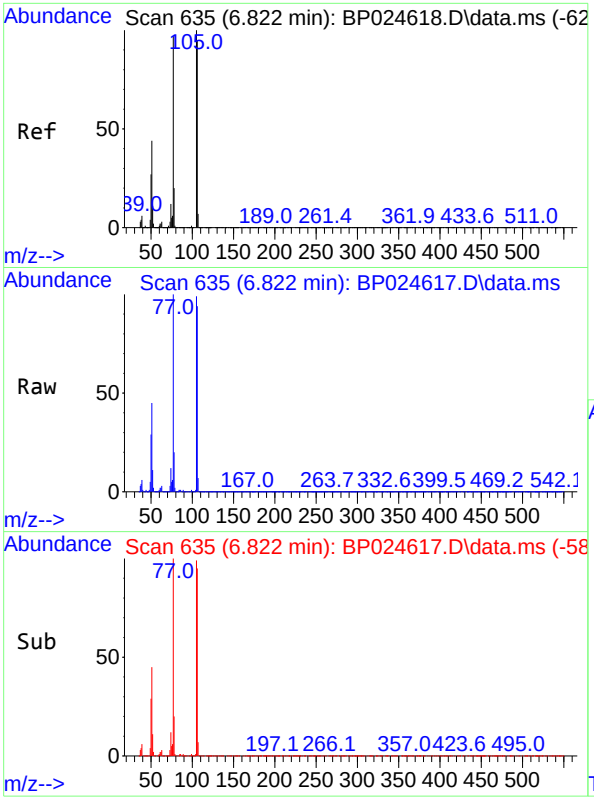


#8
2-Chlorophenol
Concen: 19.76 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:128 Resp: 147726

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.0	53.0
64	43.1	22.3	62.3



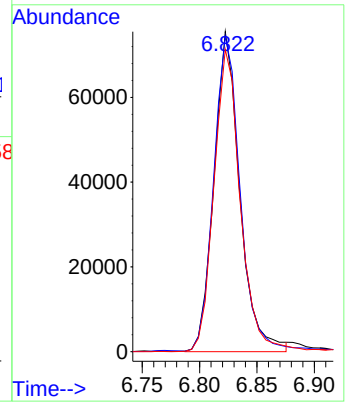


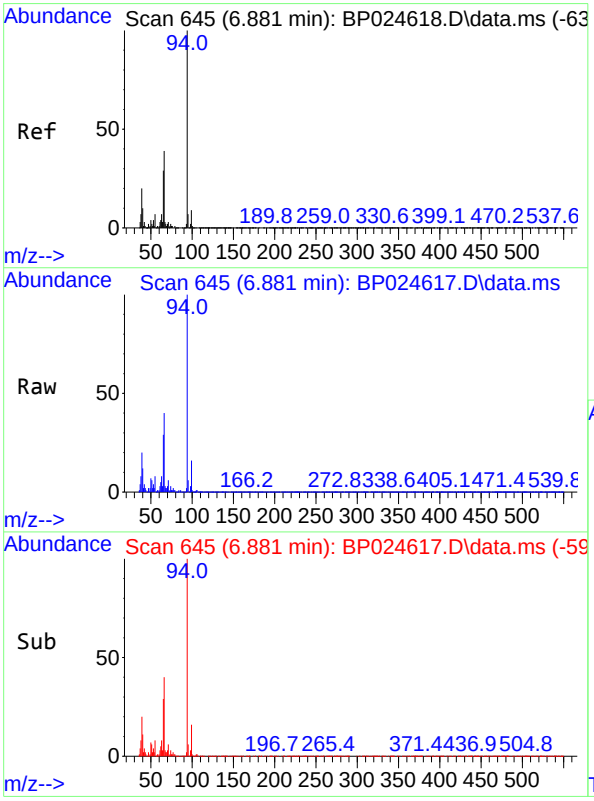
#9
Benzaldehyde
Concen: 21.69 ng m
RT: 6.822 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 117823

Ion	Ratio	Lower	Upper
77	100		
105	98.5	83.3	123.3
106	94.4	78.0	118.0

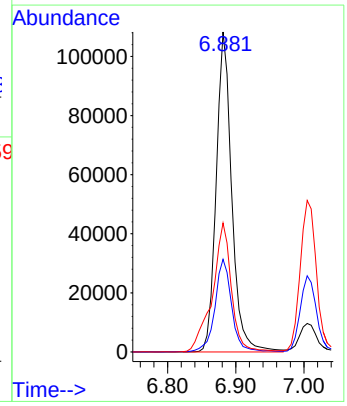


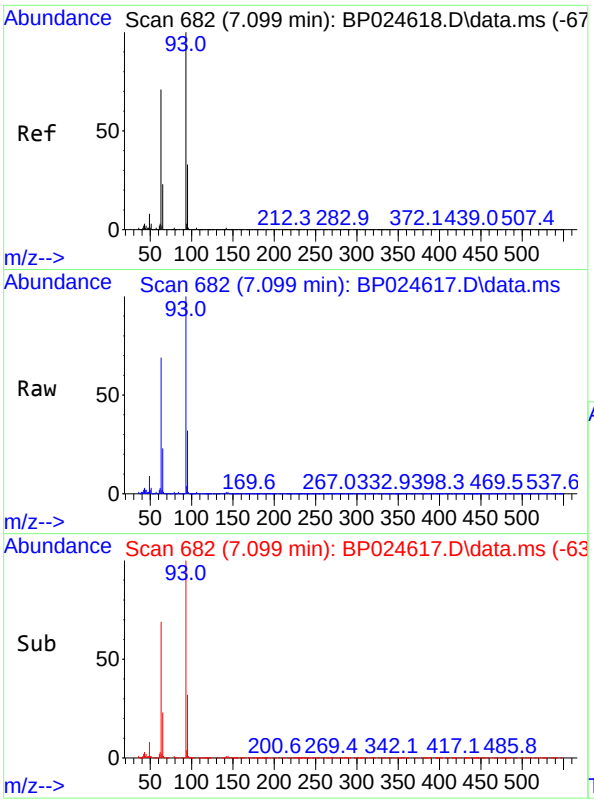


#10
Phenol
Concen: 19.82 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 94 Resp: 171949

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.7	48.7
66	40.3	19.4	59.4



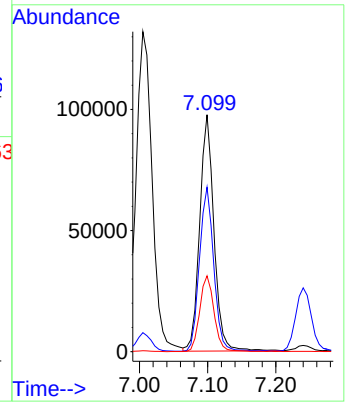


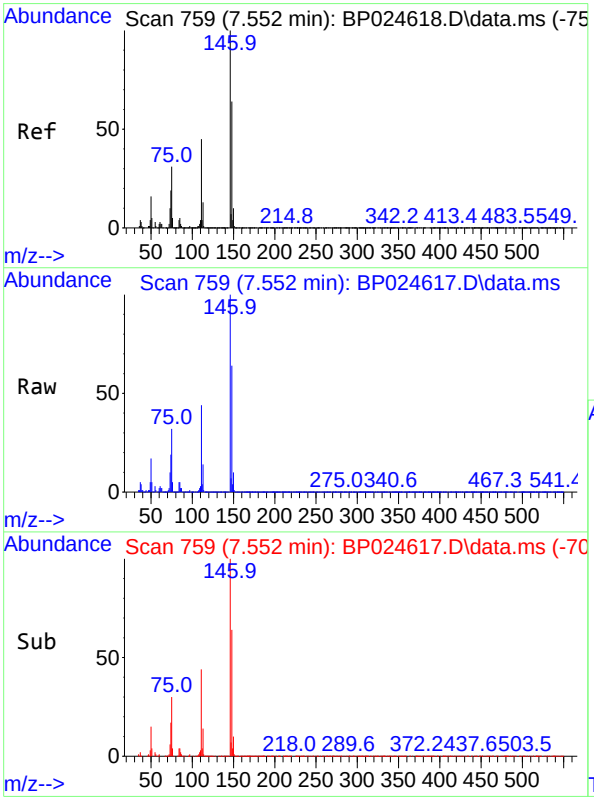
#11
bis(2-Chloroethyl)ether
Concen: 19.86 ng
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 141599

Ion	Ratio	Lower	Upper
93	100		
63	69.4	50.6	90.6
95	32.0	12.9	52.9

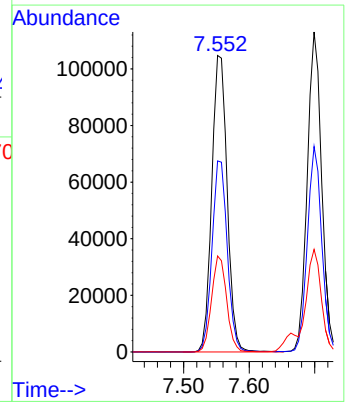


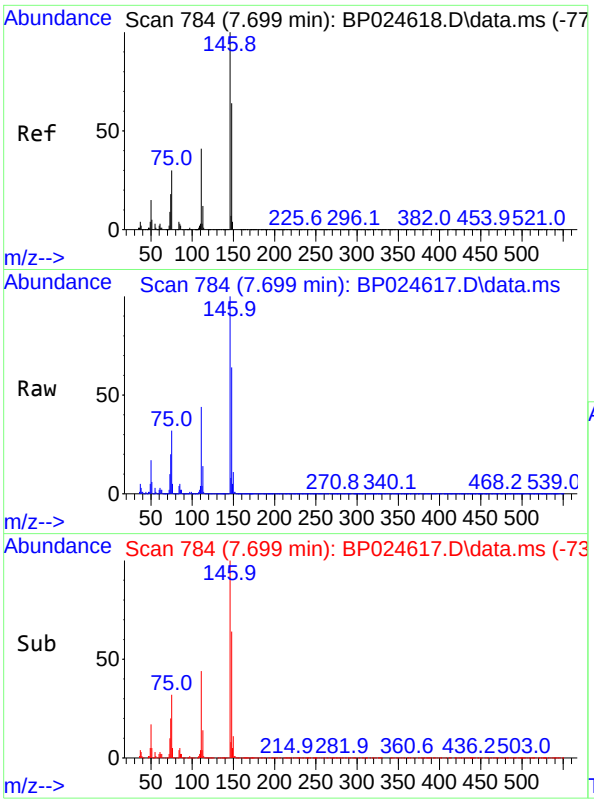


#12
1,3-Dichlorobenzene
Concen: 19.91 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:146 Resp: 171270

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
75	32.4	25.2	37.8



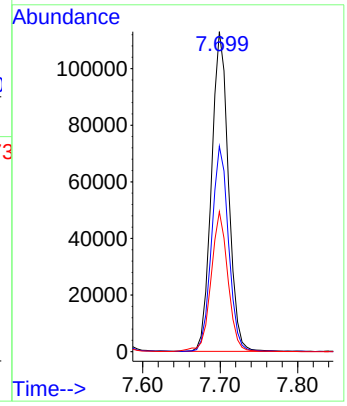


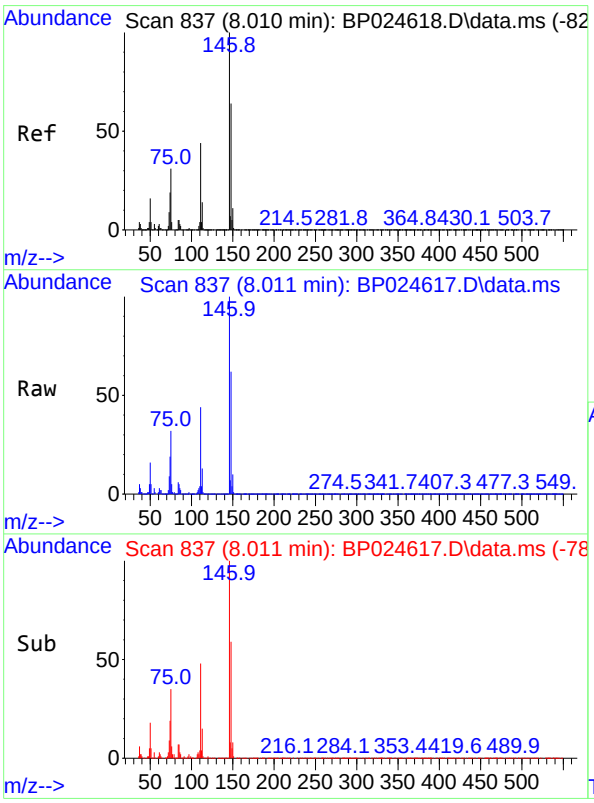
#13
1,4-Dichlorobenzene
Concen: 19.85 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 171756

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
111	43.7	33.0	49.6

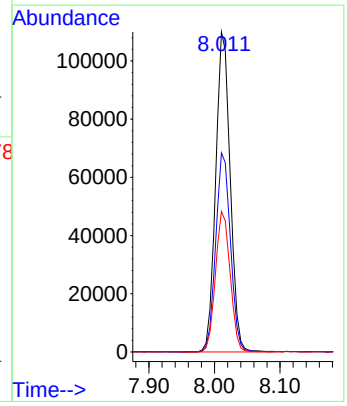


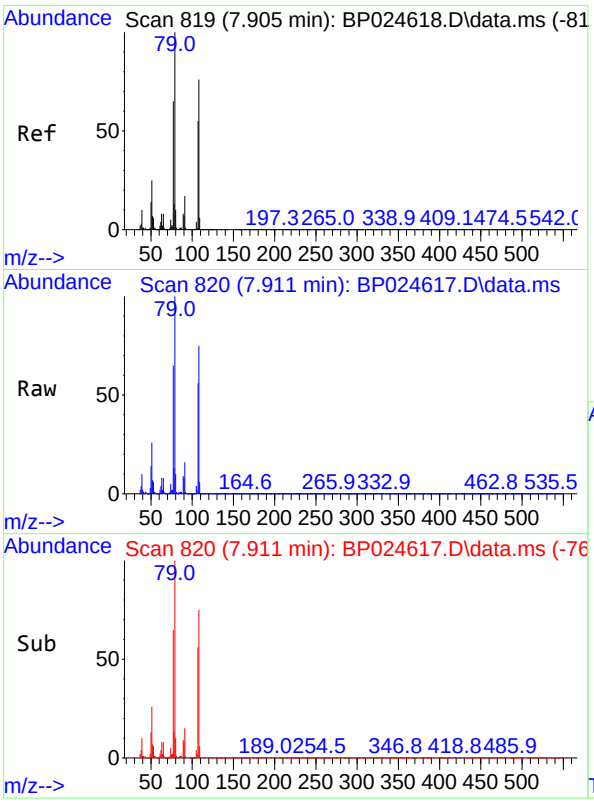


#14
1,2-Dichlorobenzene
Concen: 20.02 ng
RT: 8.011 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:146 Resp: 168795

Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.0	76.4
111	43.9	35.2	52.8



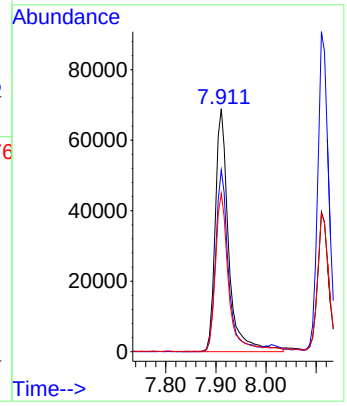


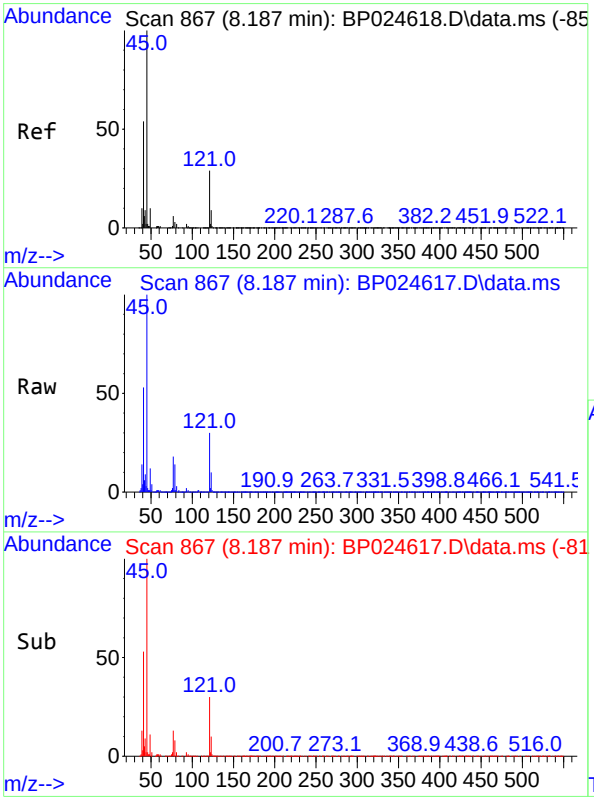
#15
Benzyl Alcohol
Concen: 19.89 ng
RT: 7.911 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 127076

Ion	Ratio	Lower	Upper
79	100		
108	74.8	60.8	91.2
77	65.1	51.9	77.9

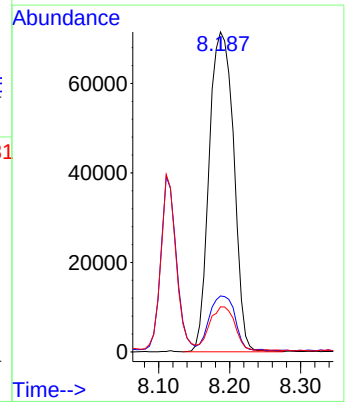


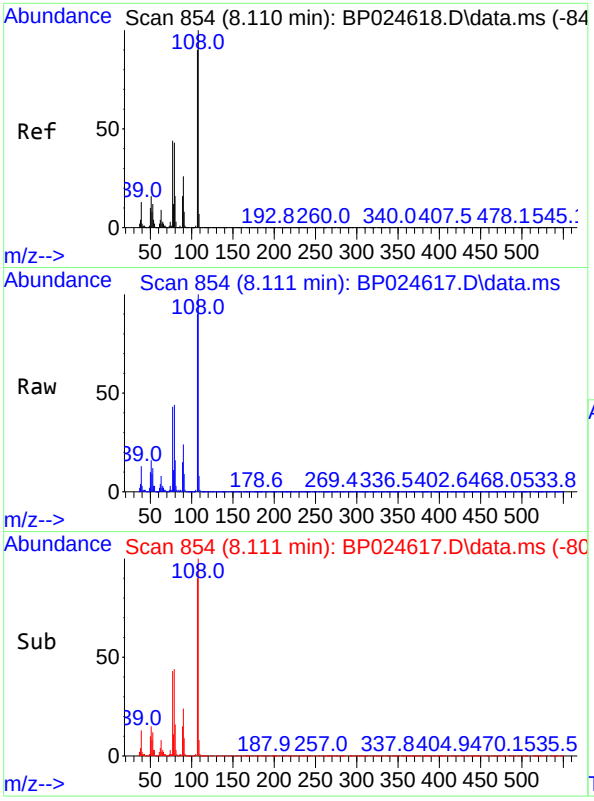


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.06 ng
RT: 8.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 45 Resp: 171274

Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	37.7
79	14.1	0.0	34.0



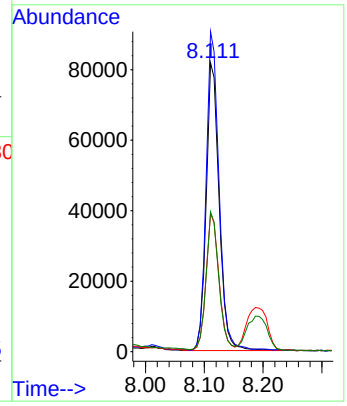


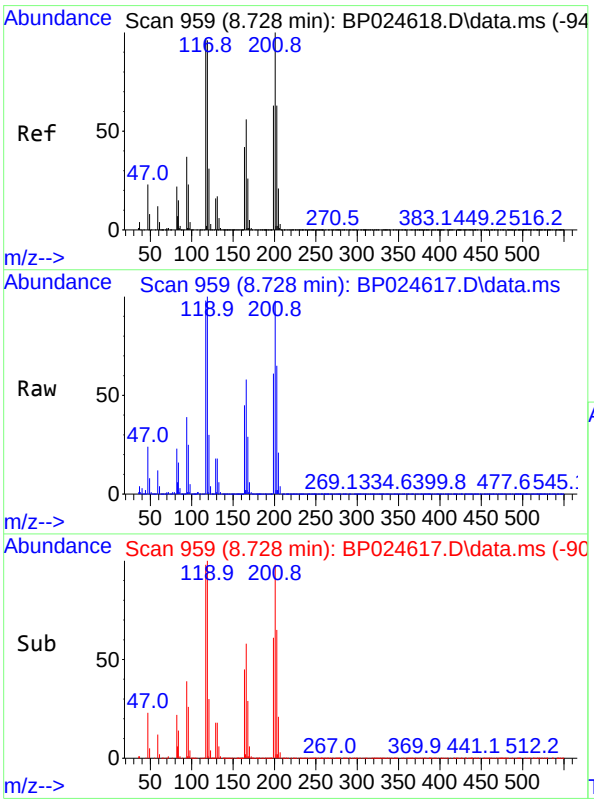
#17
2-Methylphenol
Concen: 20.01 ng
RT: 8.111 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 124506

Ion	Ratio	Lower	Upper
107	100		
108	110.8	88.9	133.3
77	47.9	39.0	58.6
79	48.4	38.4	57.6

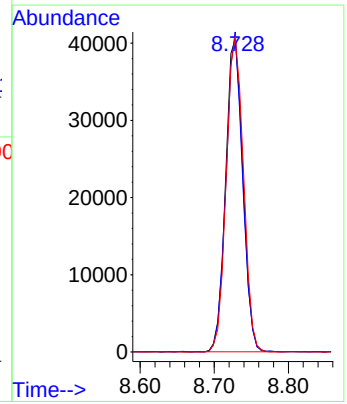


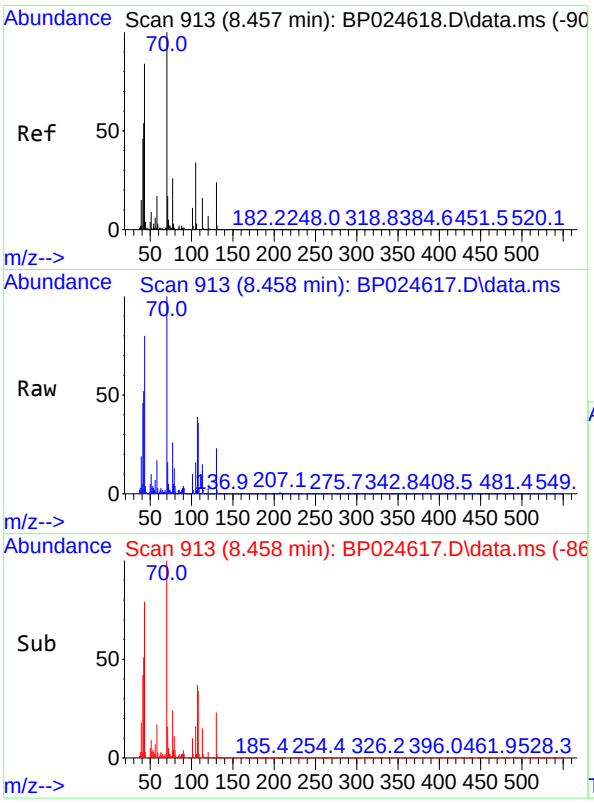


#18
Hexachloroethane
Concen: 19.76 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:117 Resp: 65527

Ion	Ratio	Lower	Upper
117	100		
119	102.4	79.4	119.0
201	100.8	82.7	124.1



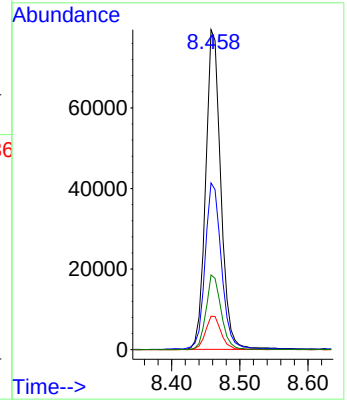


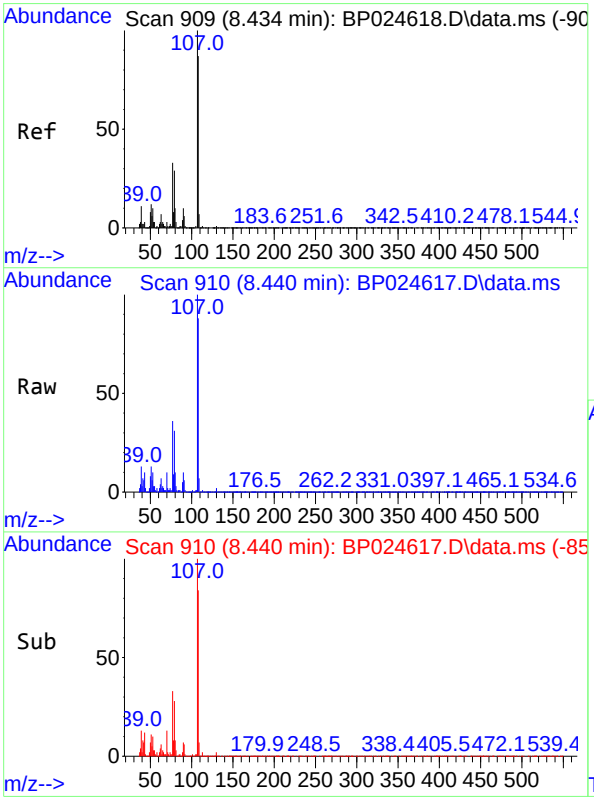
#19
n-Nitroso-di-n-propylamine
Concen: 21.05 ng
RT: 8.458 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 122386

Ion	Ratio	Lower	Upper
70	100		
42	52.1	43.0	64.6
101	10.5	8.7	13.1
130	23.4	19.4	29.0

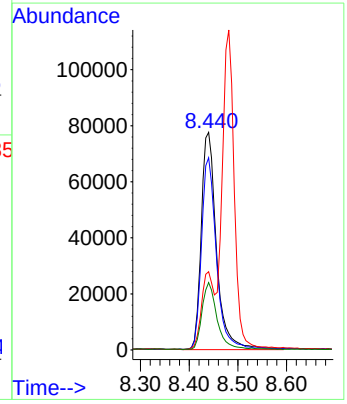


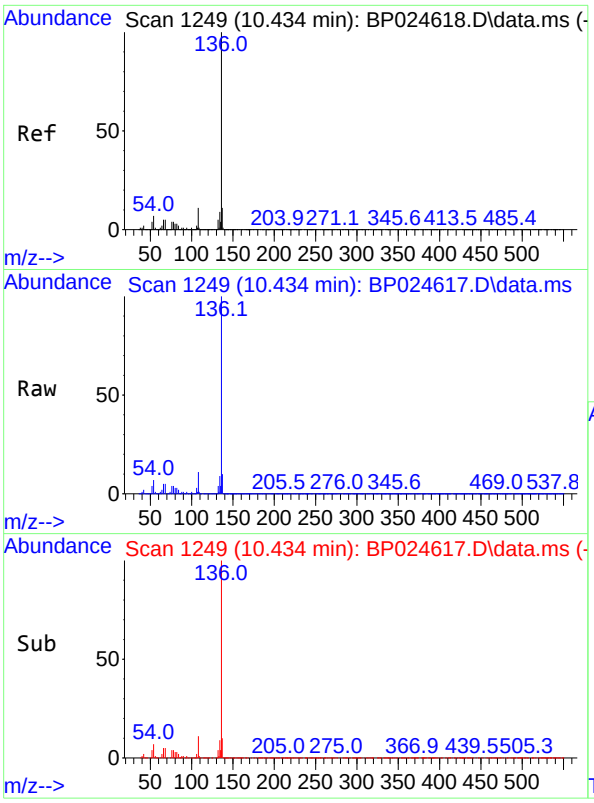


#20
3+4-Methylphenols
Concen: 20.00 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:107 Resp: 169264

Ion	Ratio	Lower	Upper
107	100		
108	88.3	66.7	106.7
77	35.9	13.1	53.1
79	30.9	8.9	48.9



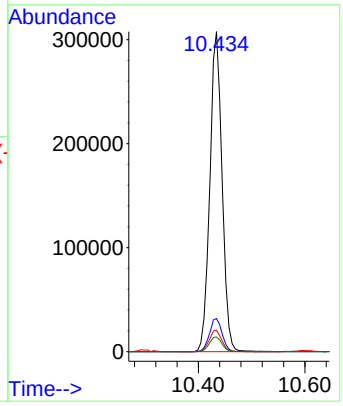


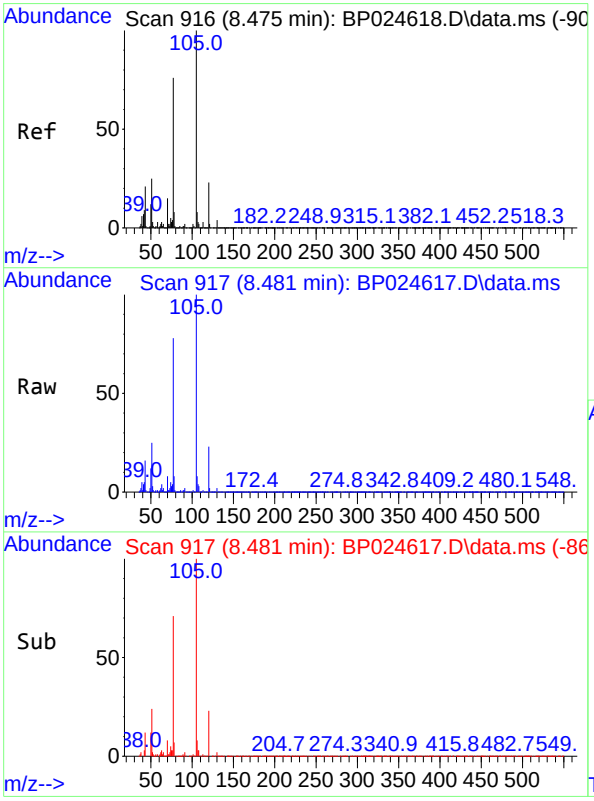
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 488721

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	6.7	5.5	8.3
68	4.6	4.2	6.2

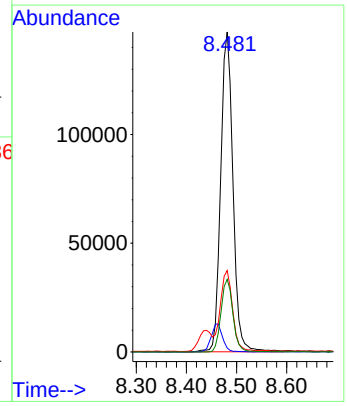


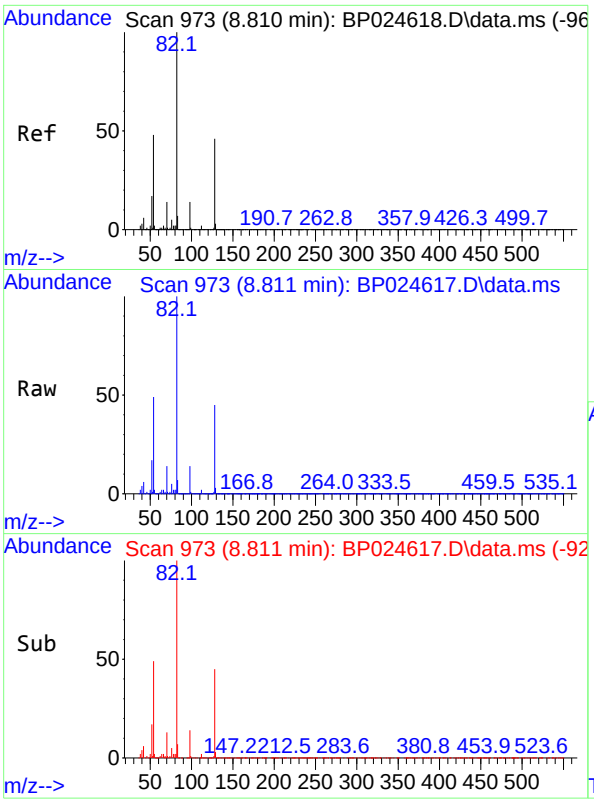


#22
Acetophenone
Concen: 20.45 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:105 Resp: 249692

Ion	Ratio	Lower	Upper
105	100		
71	1.2	2.0	3.0#
51	25.5	20.4	30.6
120	22.7	18.1	27.1



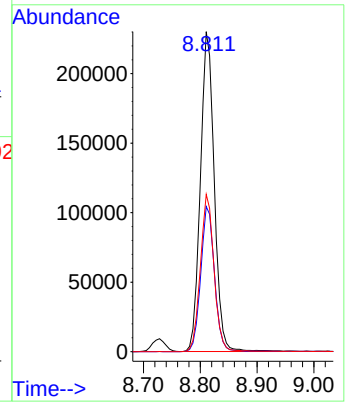


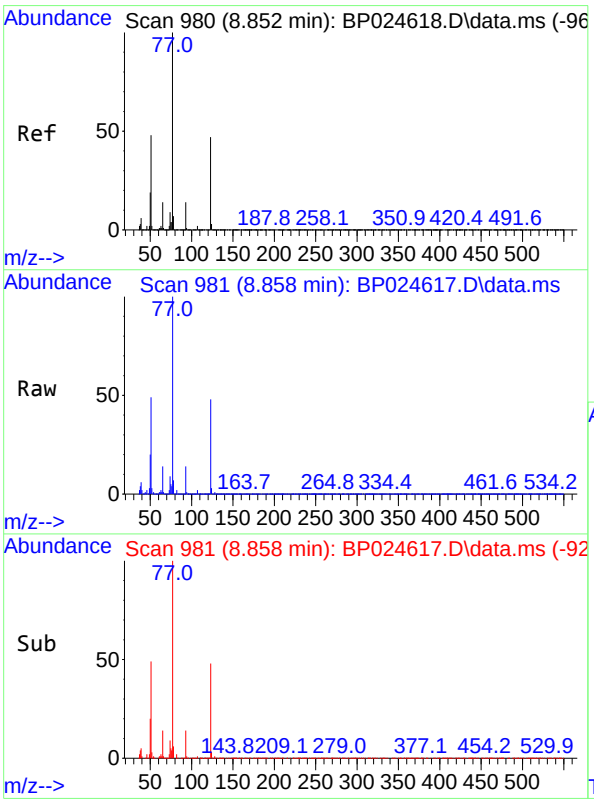
#23
Nitrobenzene-d5
Concen: 40.50 ng
RT: 8.811 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 391739

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.0	55.4
54	49.1	38.7	58.1

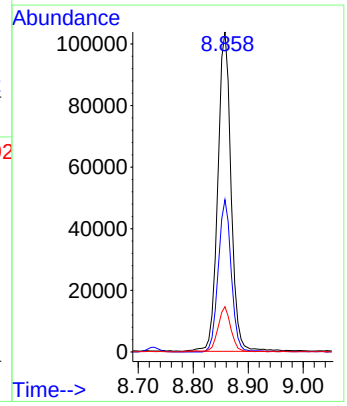


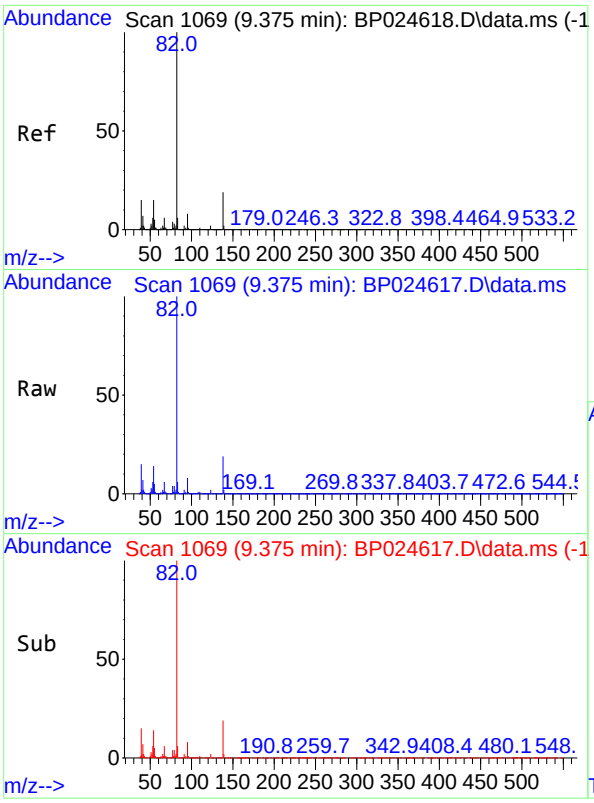


#24
Nitrobenzene
Concen: 20.40 ng
RT: 8.858 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 77 Resp: 173686

Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.4	56.0
65	14.1	11.3	16.9



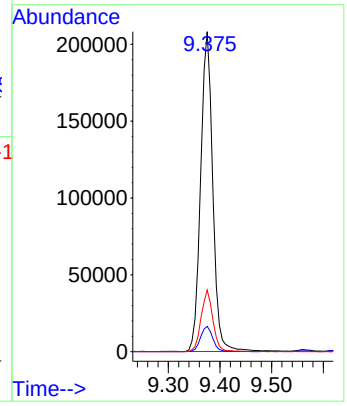


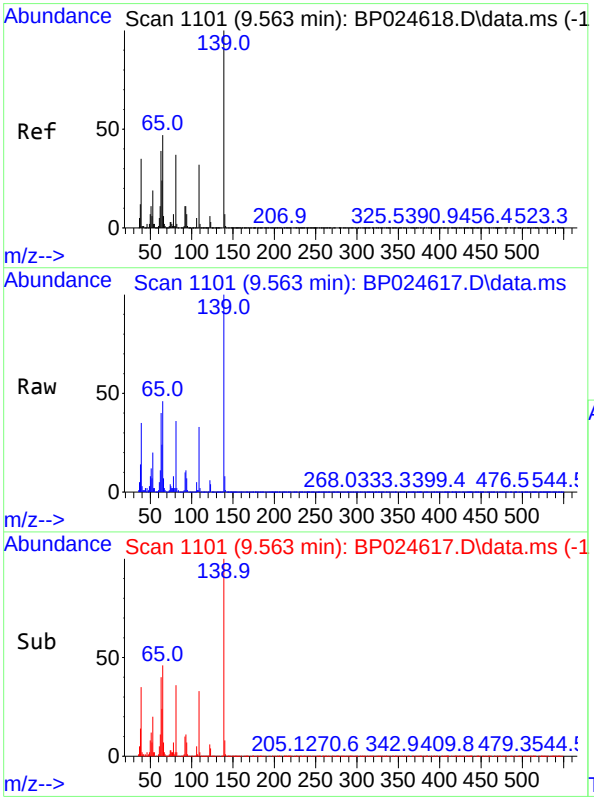
#25
Isophorone
Concen: 20.25 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 339697

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.3	9.5
138	19.3	15.3	22.9

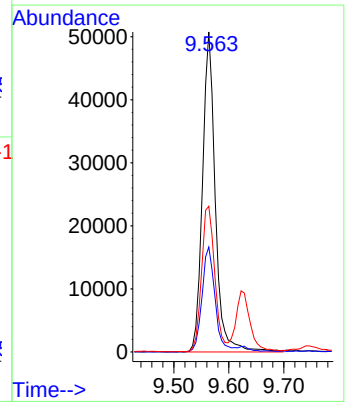


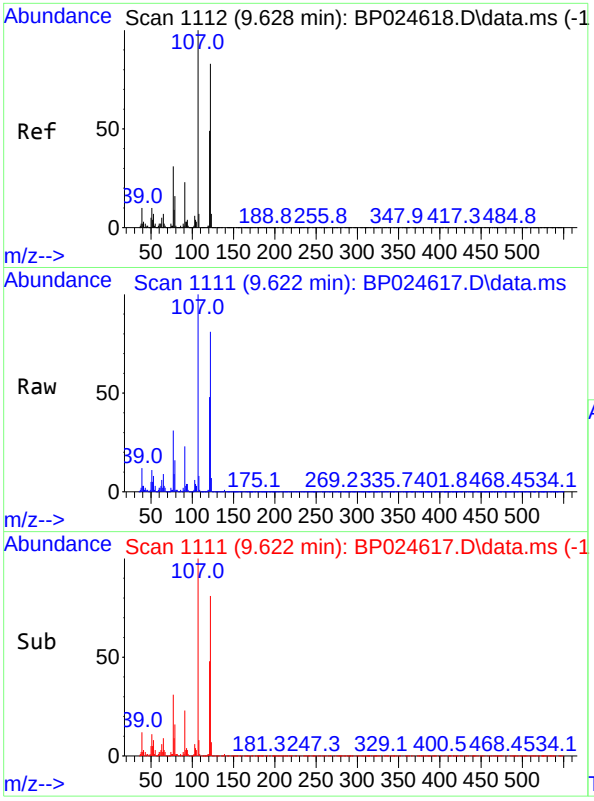


#26
2-Nitrophenol
Concen: 19.73 ng
RT: 9.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:139 Resp: 82278

Ion	Ratio	Lower	Upper
139	100		
109	32.8	25.9	38.9
65	45.6	37.9	56.9



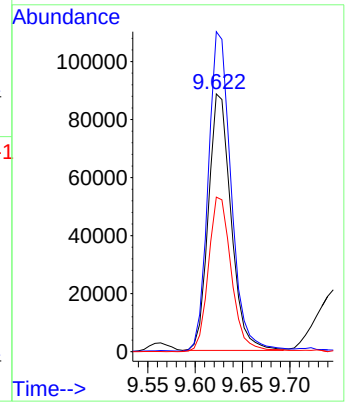


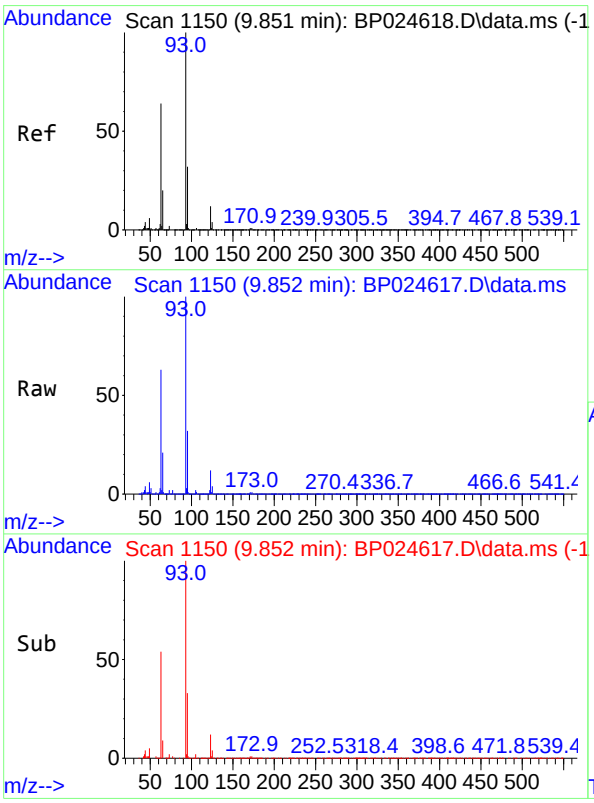
#27
2,4-Dimethylphenol
Concen: 19.96 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 146819

Ion	Ratio	Lower	Upper
122	100		
107	124.1	96.2	144.2
121	60.0	47.6	71.4

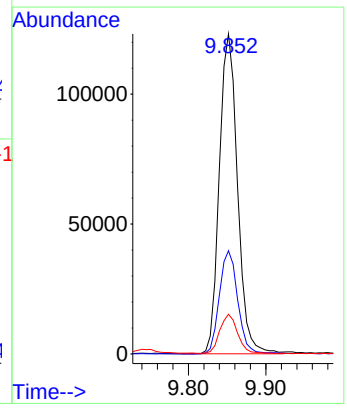


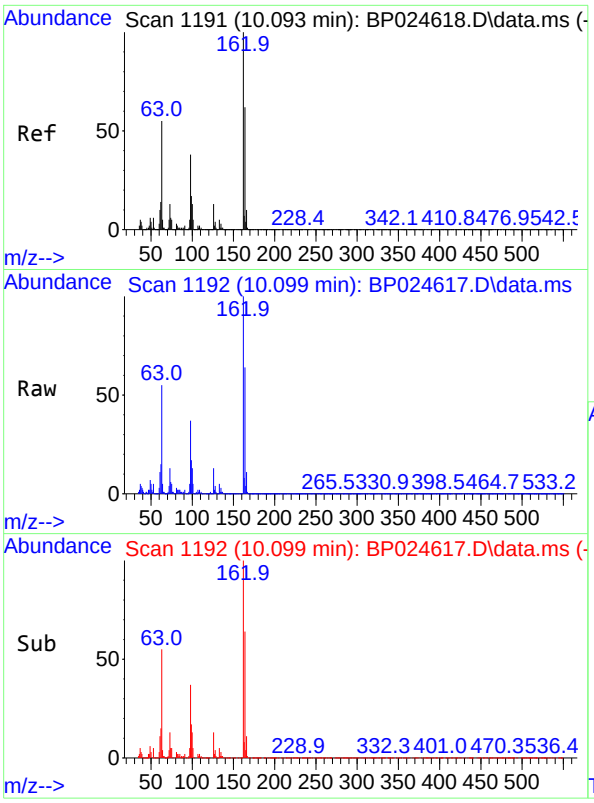


#28
bis(2-Chloroethoxy)methane
Concen: 20.04 ng
RT: 9.852 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 93 Resp: 200872

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	12.4	9.7	14.5



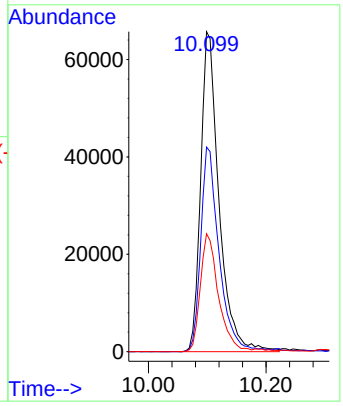


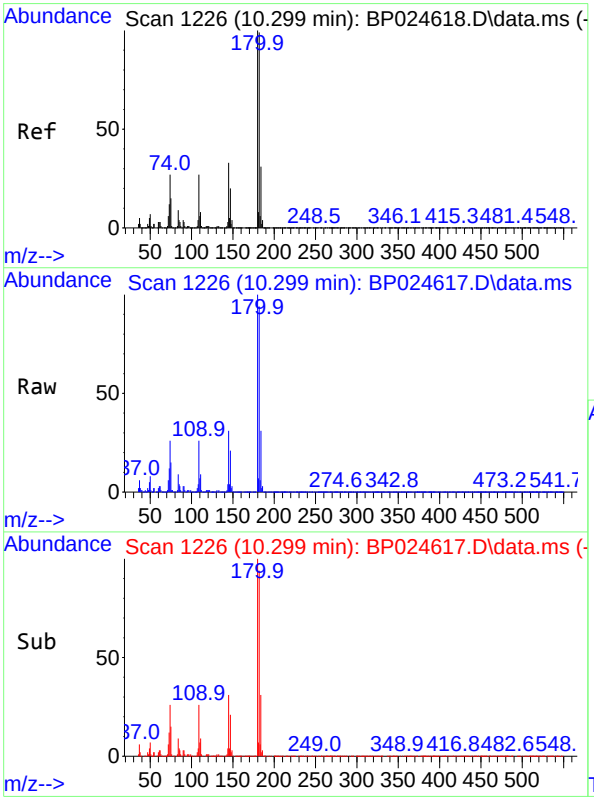
#29
2,4-Dichlorophenol
Concen: 19.90 ng
RT: 10.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 141785

Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.3	82.3
98	36.8	18.4	58.4

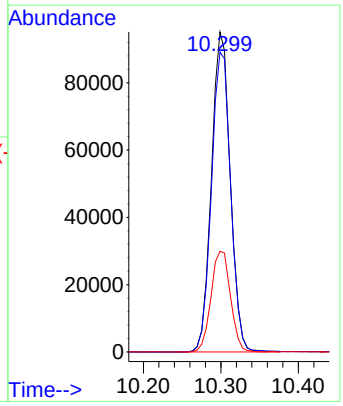


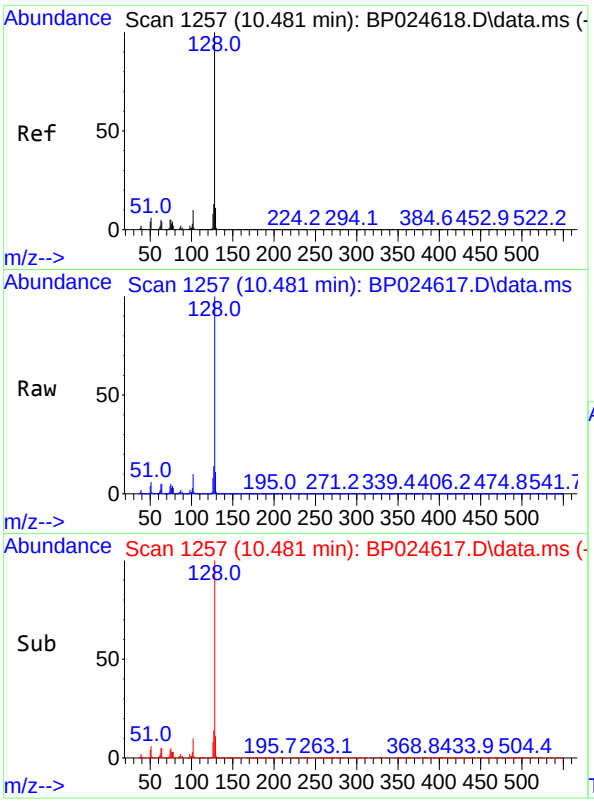


#30
1,2,4-Trichlorobenzene
Concen: 19.92 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:180 Resp: 159998

Ion	Ratio	Lower	Upper
180	100		
182	93.7	79.0	118.4
145	31.5	26.6	39.8



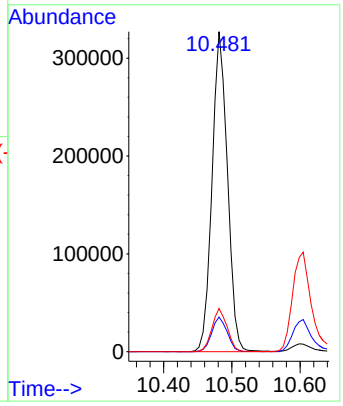


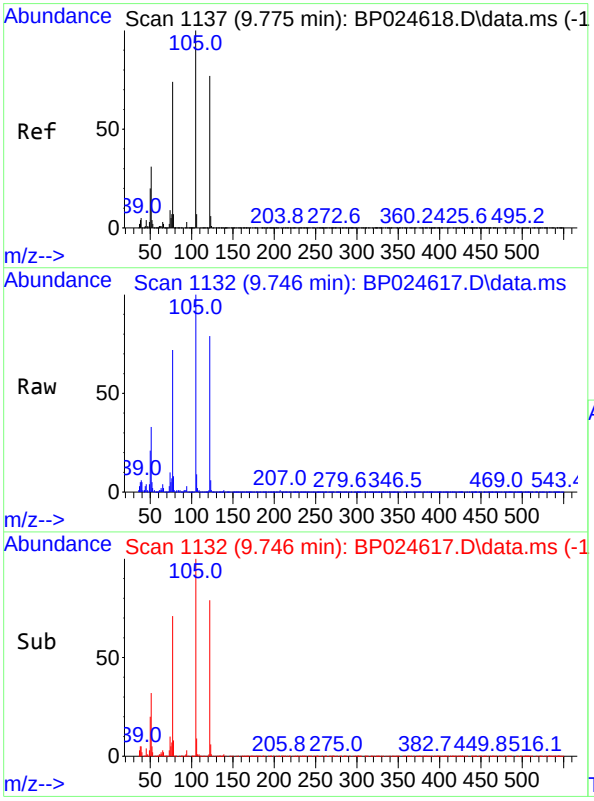
#31
Naphthalene
Concen: 20.25 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 512888

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.5	10.7	16.1

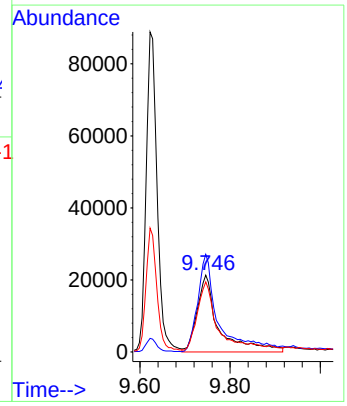


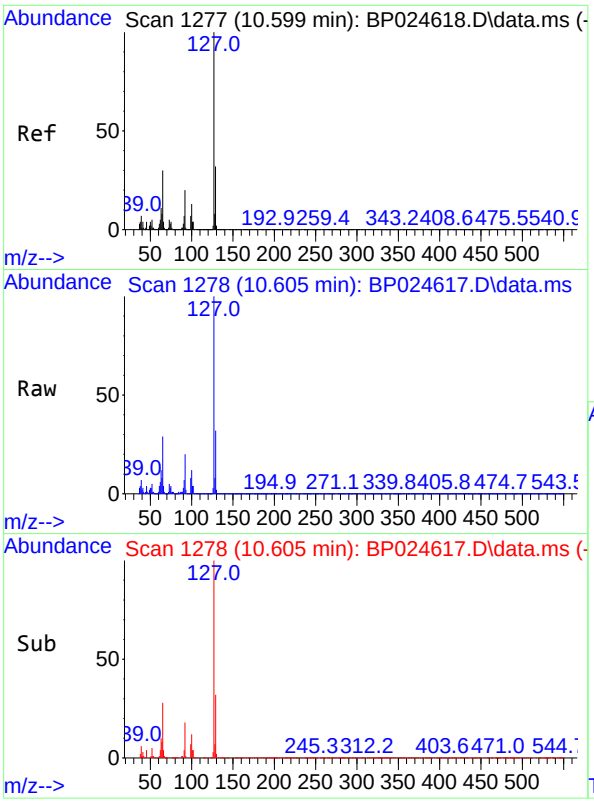


#32
Benzoic acid
Concen: 18.73 ng m
RT: 9.746 min Scan# 1132
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:122 Resp: 71538

Ion	Ratio	Lower	Upper
122	100		
105	127.1	106.9	146.9
77	91.3	75.1	115.1



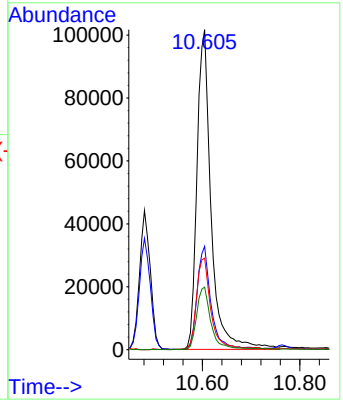


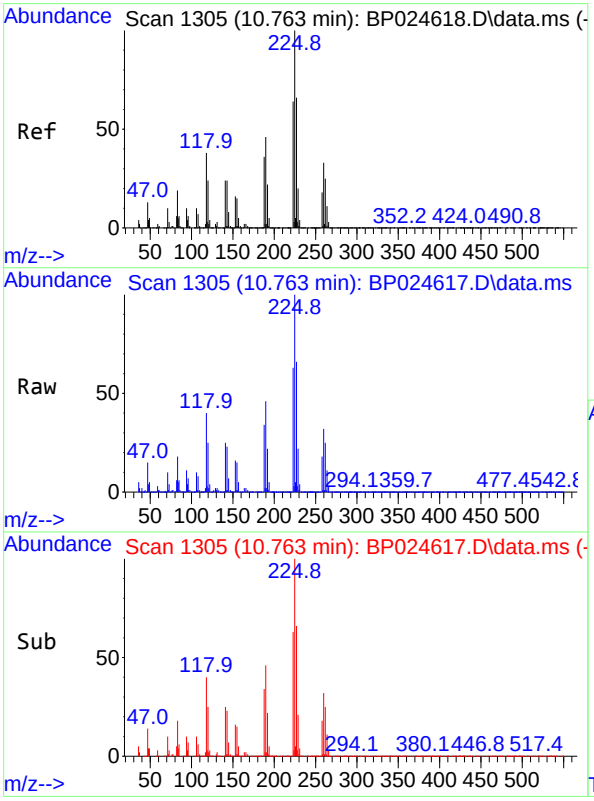
#33
4-Chloroaniline
Concen: 20.10 ng
RT: 10.605 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 205433

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	28.6	23.9	35.9
92	19.6	16.1	24.1

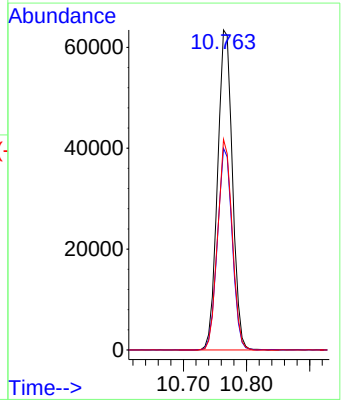


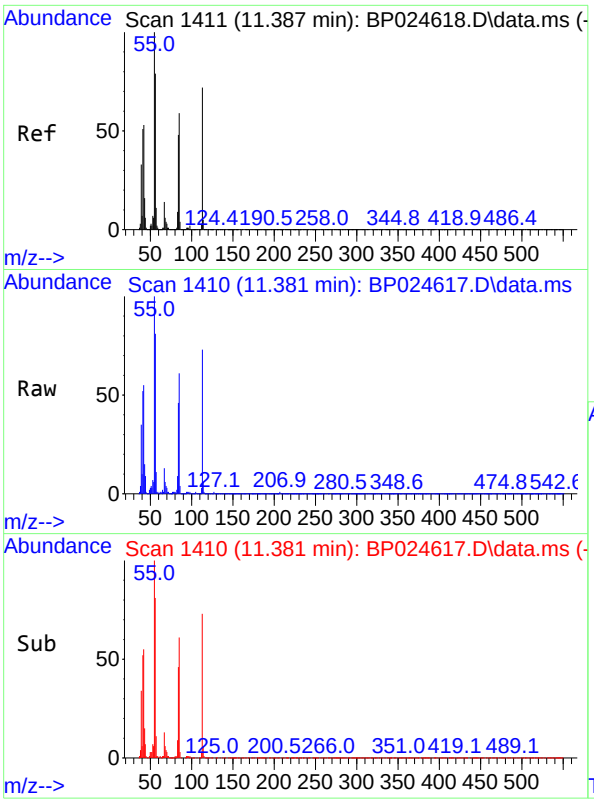


#34
Hexachlorobutadiene
Concen: 19.87 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:225 Resp: 103364

Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.6
227	65.8	53.1	79.7



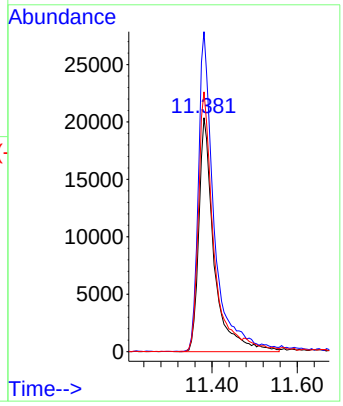


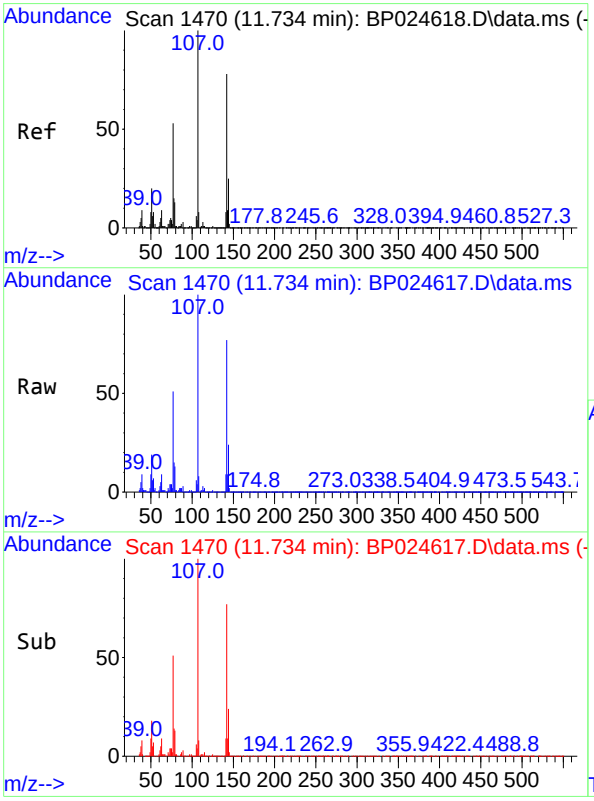
#35
Caprolactam
Concen: 19.68 ng
RT: 11.381 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 50721

Ion	Ratio	Lower	Upper
113	100		
55	136.8	119.0	159.0
56	111.1	90.3	130.3

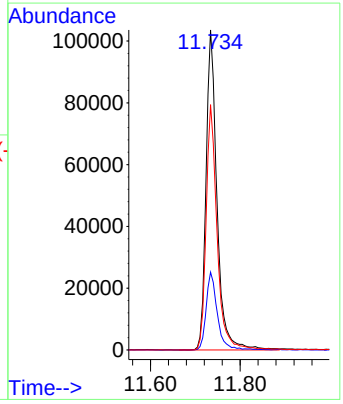


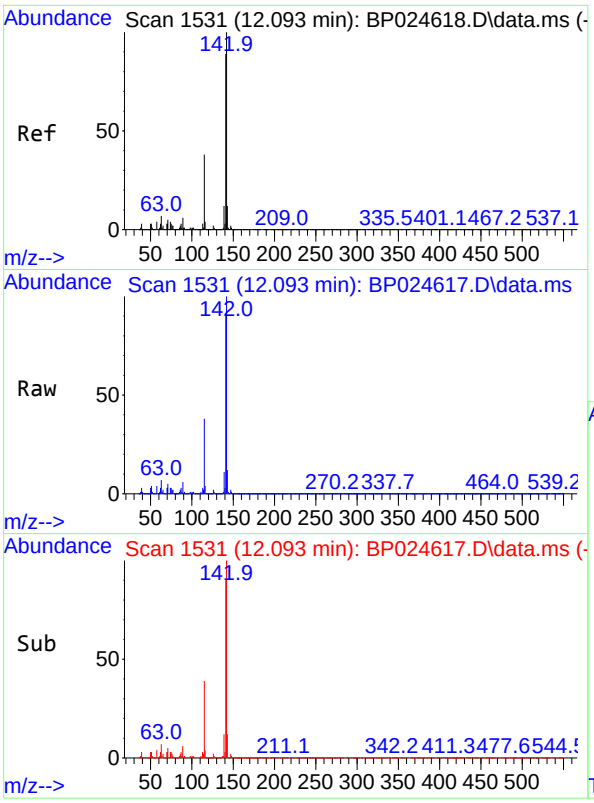


#36
4-Chloro-3-methylphenol
Concen: 20.12 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:107 Resp: 174840

Ion	Ratio	Lower	Upper
107	100		
144	24.3	20.1	30.1
142	76.6	62.1	93.1



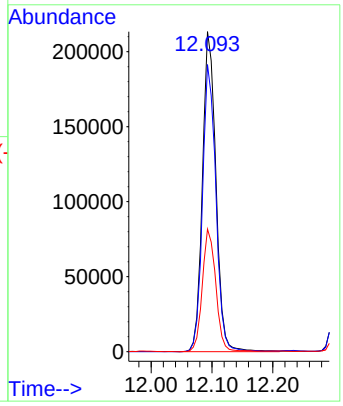


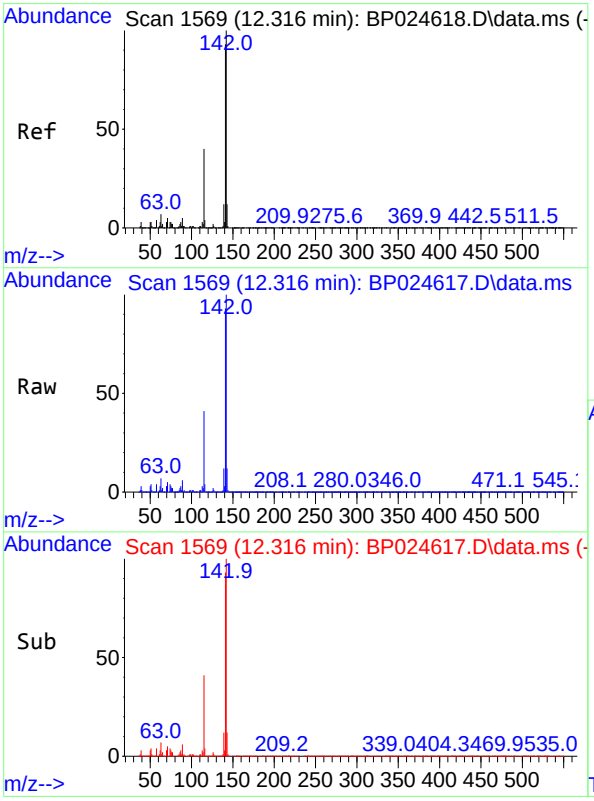
#37
2-Methylnaphthalene
Concen: 19.97 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 327447

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.2	106.8
115	38.3	30.6	46.0

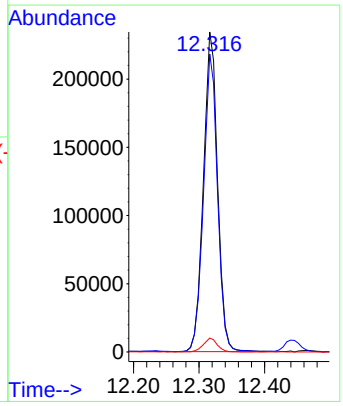


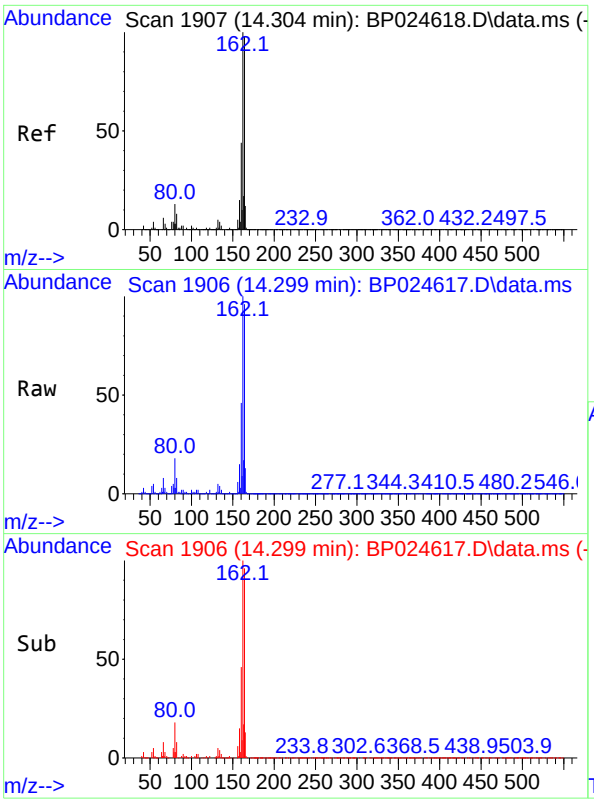


#38
1-Methylnaphthalene
Concen: 20.07 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:142 Resp: 352091

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.7	112.1
116	4.4	3.4	5.2



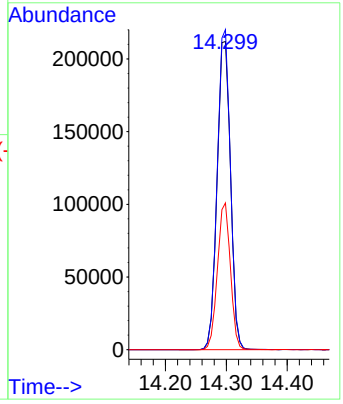


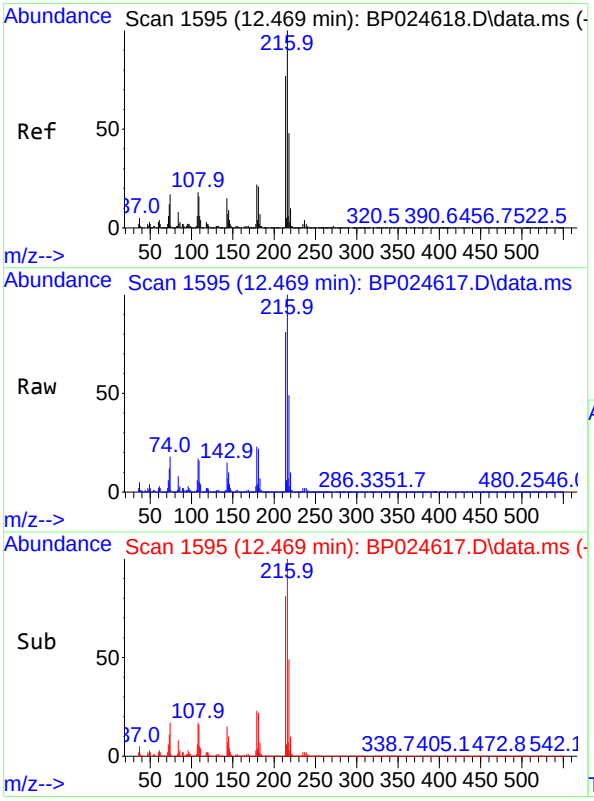
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 323928

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.6
160	47.6	36.3	54.5

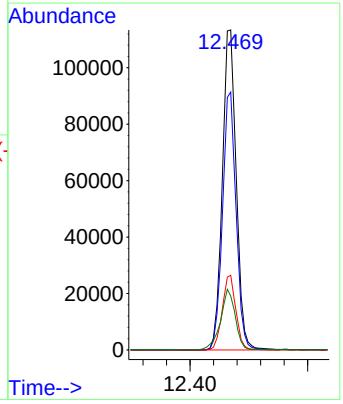


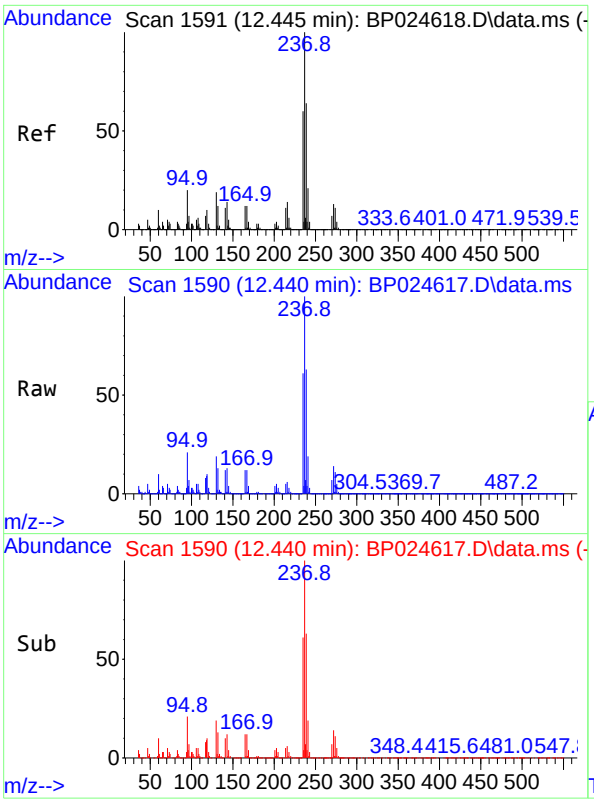


#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.77 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:216 Resp: 185982

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.3	93.5
179	22.9	17.7	26.5
108	20.2	16.0	24.0



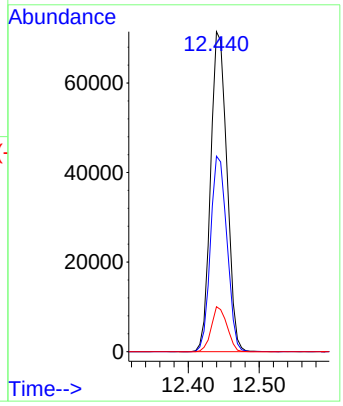


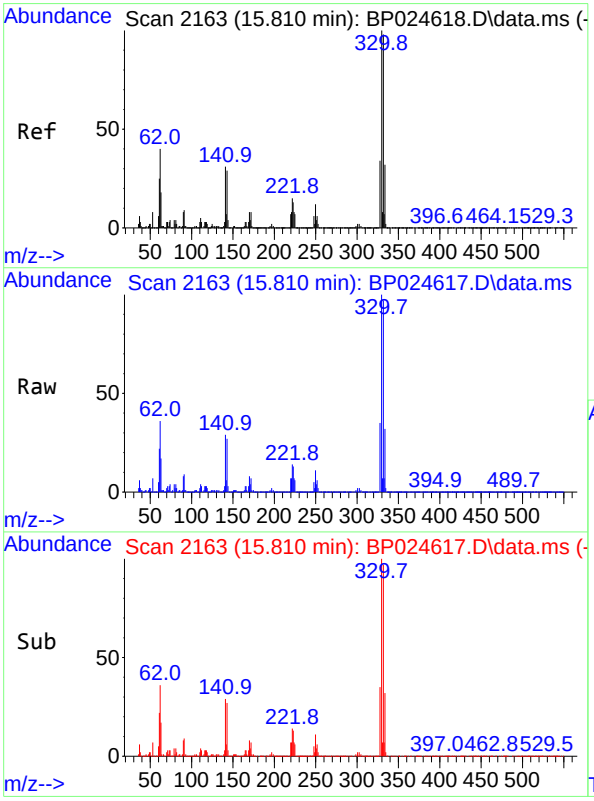
#41
Hexachlorocyclopentadiene
Concen: 19.90 ng
RT: 12.440 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 113499

Ion	Ratio	Lower	Upper
237	100		
235	61.1	39.9	79.9
272	14.0	0.0	33.2

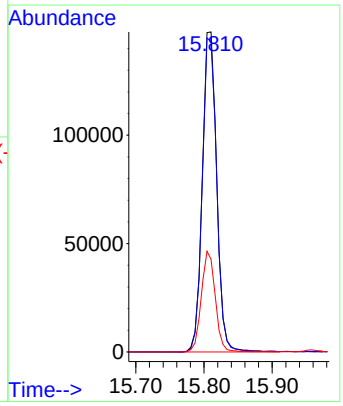


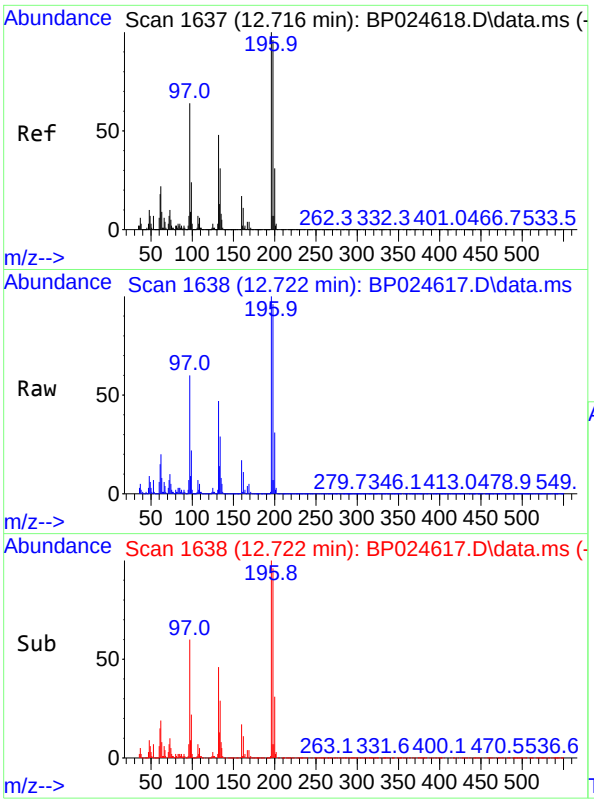


#42
2,4,6-Tribromophenol
Concen: 39.53 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:330 Resp: 217092

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.2	117.4
141	30.5	24.3	36.5



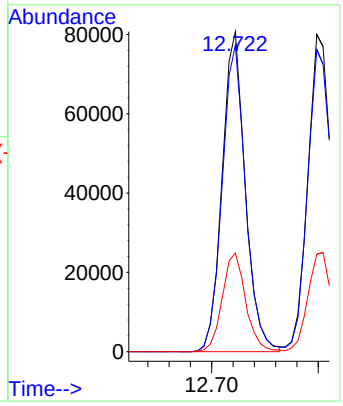


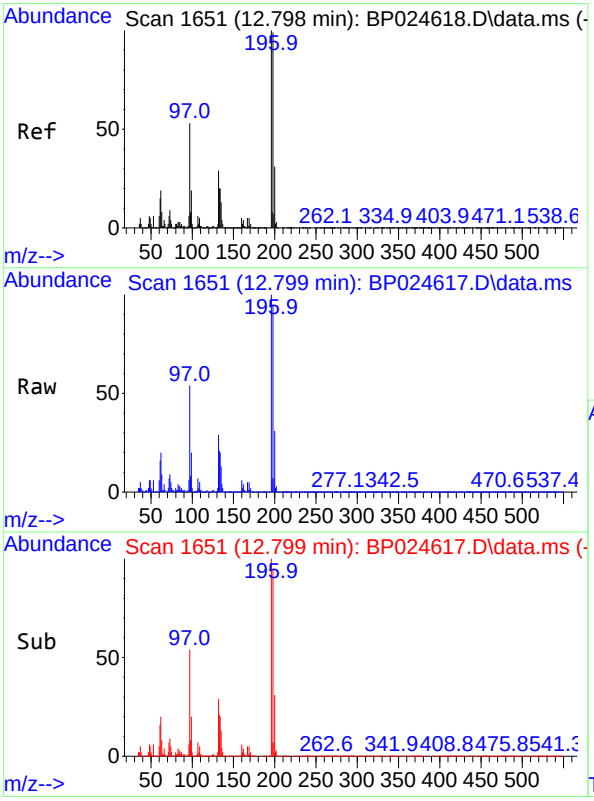
#43
2,4,6-Trichlorophenol
Concen: 19.95 ng
RT: 12.722 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 121520

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.9	115.3
200	30.8	25.2	37.8

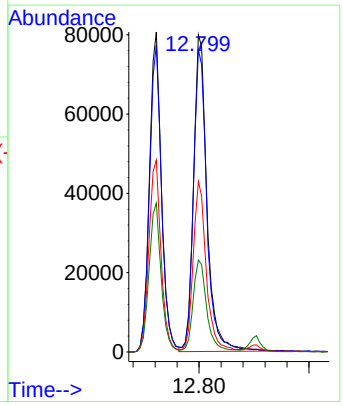


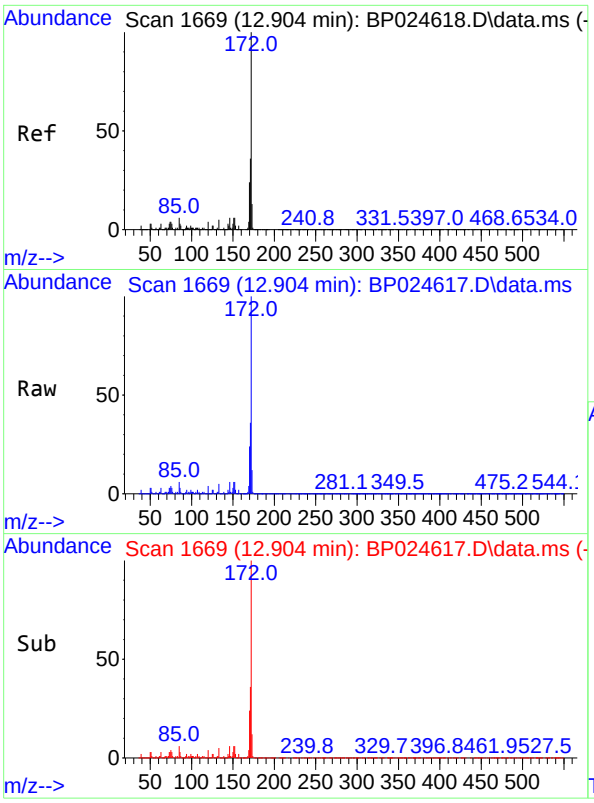


#44
2,4,5-Trichlorophenol
Concen: 19.95 ng
RT: 12.799 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:196 Resp: 135306

Ion	Ratio	Lower	Upper
196	100		
198	95.2	79.2	118.8
97	53.8	42.3	63.5
132	29.0	23.3	34.9



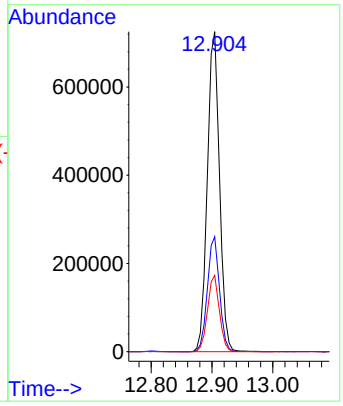


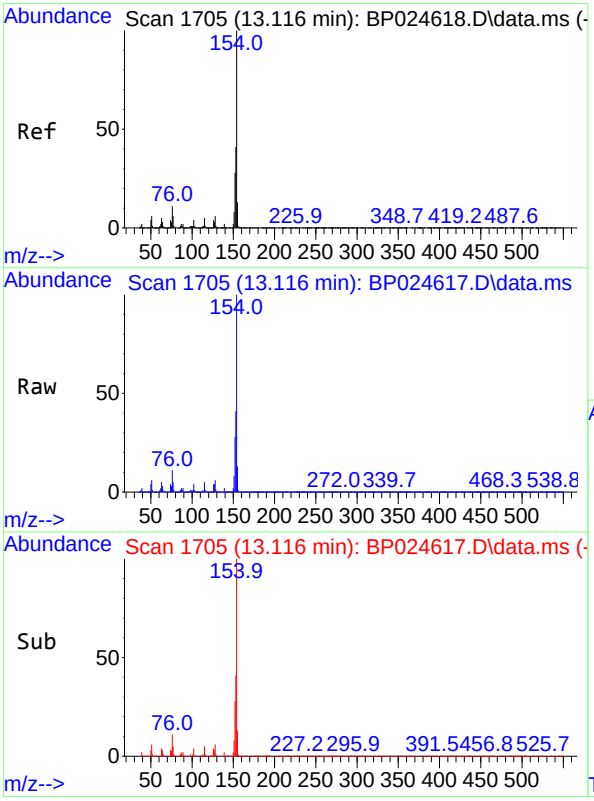
#45
2-Fluorobiphenyl
Concen: 40.69 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 1006150

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.8	18.8	28.2

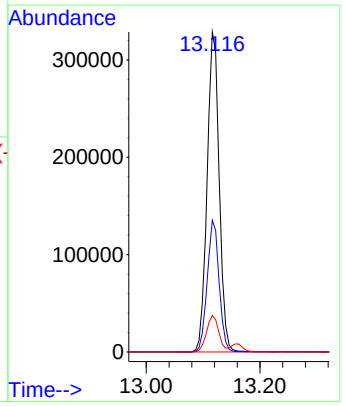


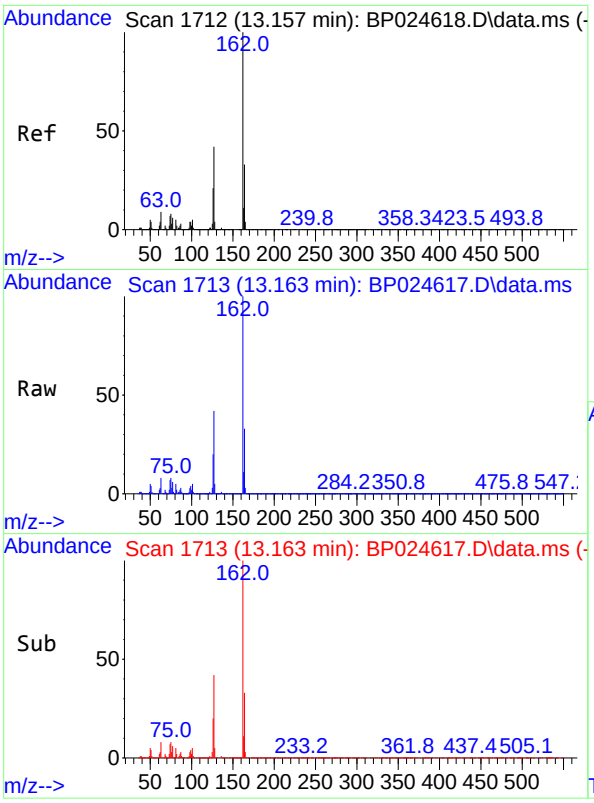


#46
1,1'-Biphenyl
Concen: 20.19 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:154 Resp: 483352

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.0	61.0
76	11.4	0.0	31.5



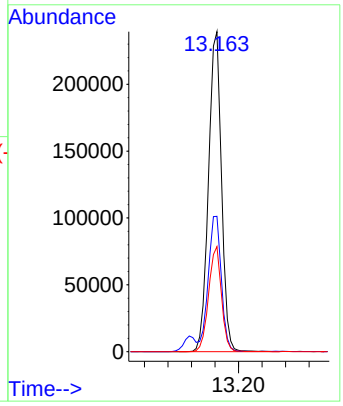


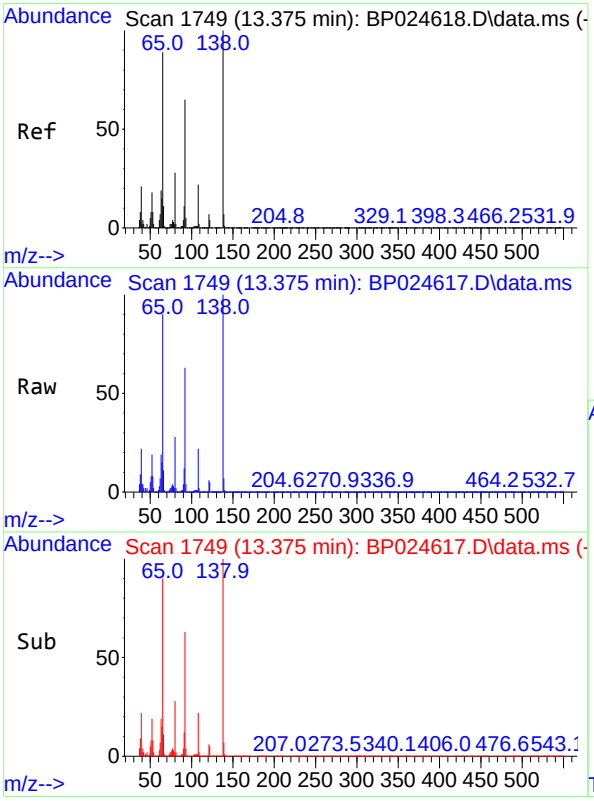
#47
2-Chloronaphthalene
Concen: 20.06 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 366247

Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.8	50.6
164	32.8	26.0	39.0

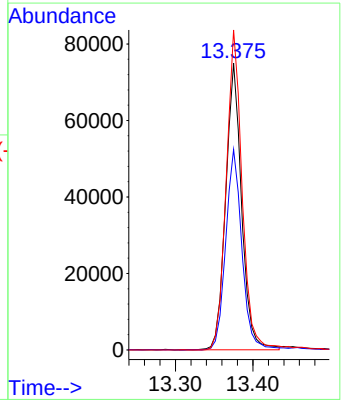


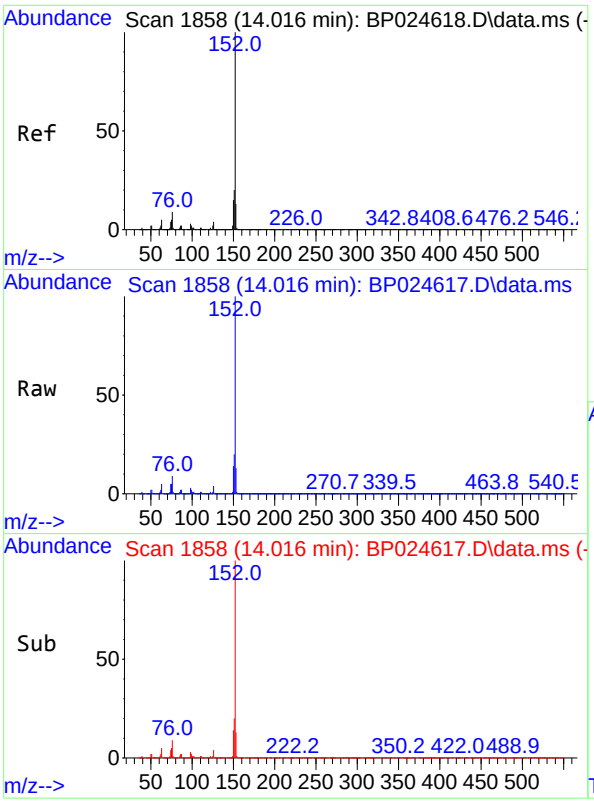


#48
2-Nitroaniline
Concen: 19.81 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 65 Resp: 107062

Ion	Ratio	Lower	Upper
65	100		
92	69.8	58.7	88.1
138	111.5	90.2	135.2



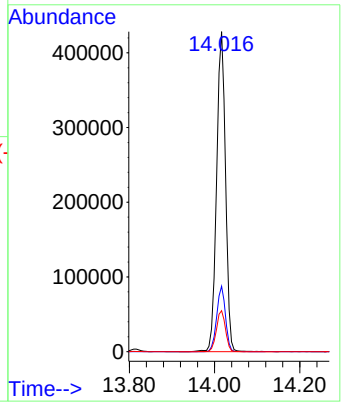


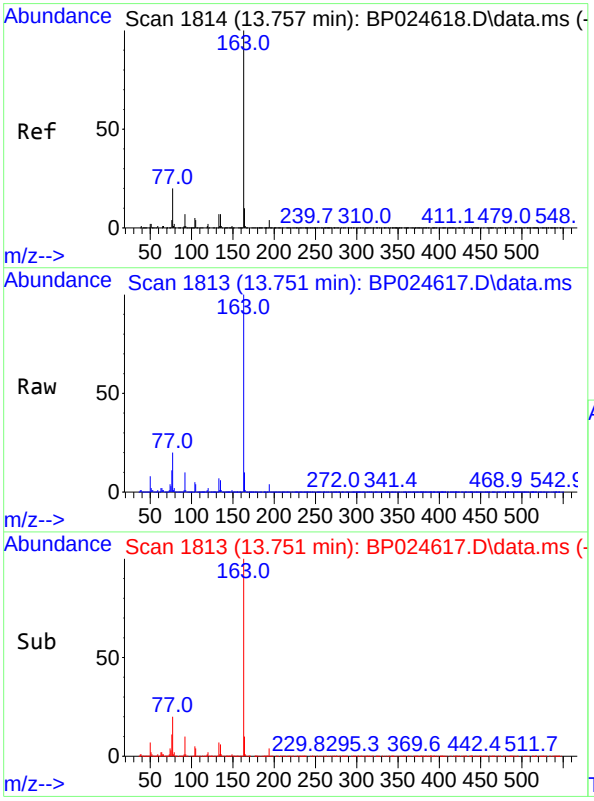
#49
Acenaphthylene
Concen: 20.36 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 621997

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	12.8	10.2	15.4

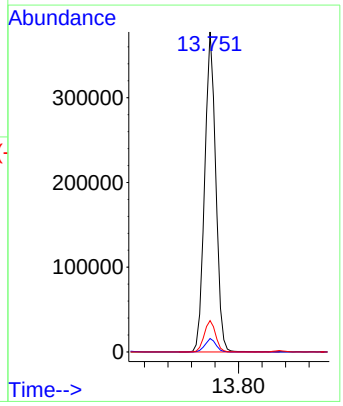


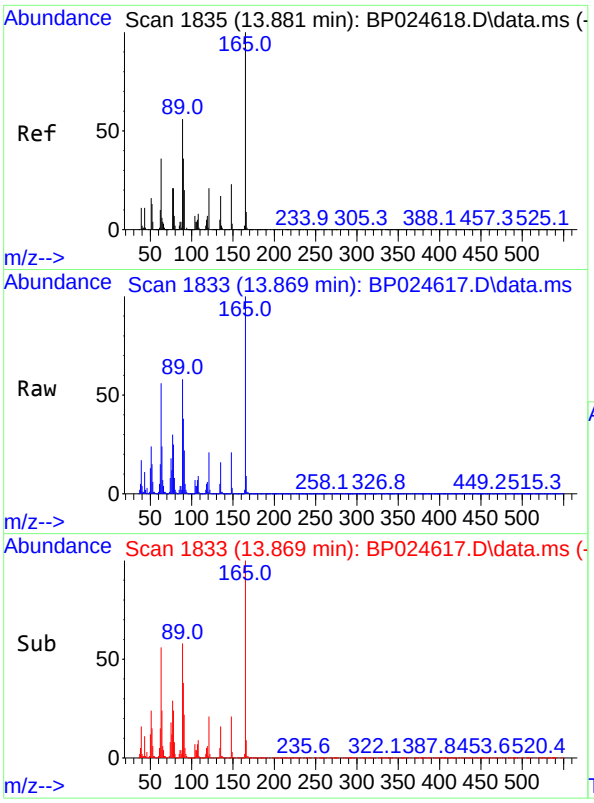


#50
Dimethylphthalate
Concen: 19.91 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:163 Resp: 491623

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.8	8.1	12.1



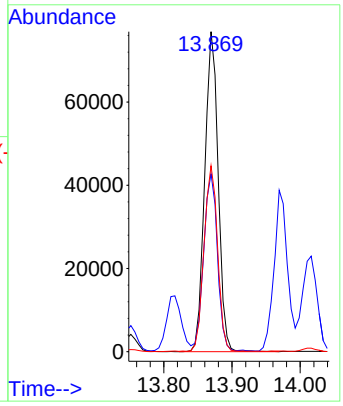


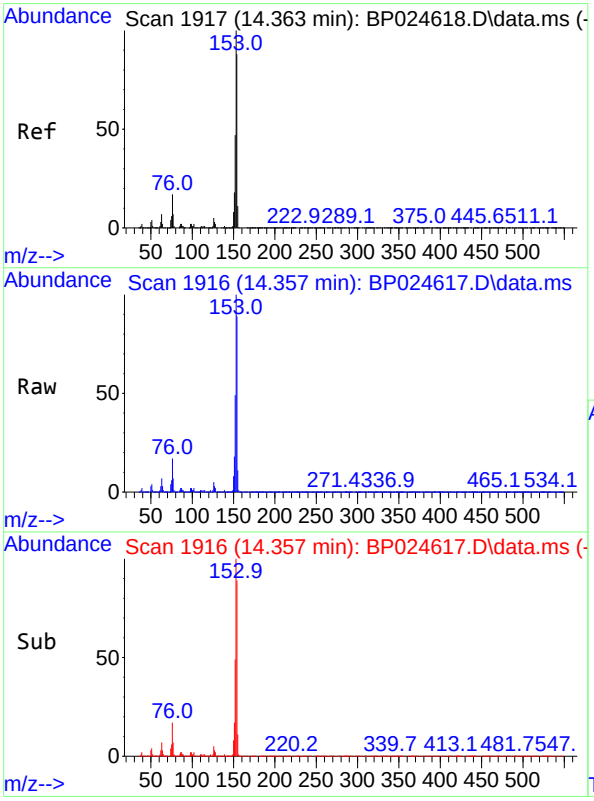
#51
2,6-Dinitrotoluene
Concen: 20.23 ng
RT: 13.869 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 105479

Ion	Ratio	Lower	Upper
165	100		
63	55.6	42.4	63.6
89	58.1	44.8	67.2

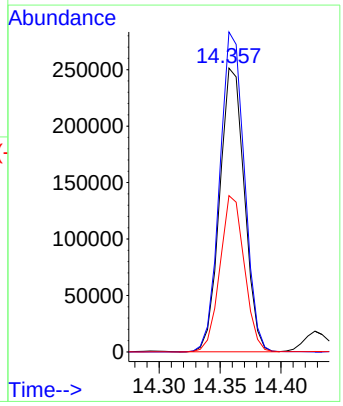


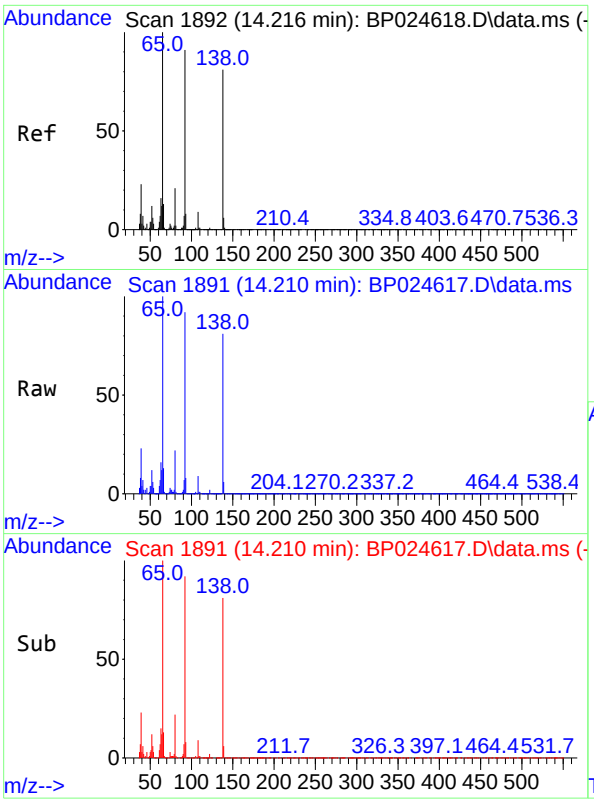


#52
Acenaphthene
Concen: 20.19 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:154 Resp: 354519

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.0	136.4
152	55.1	42.9	64.3



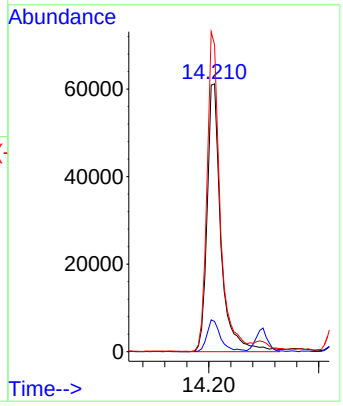


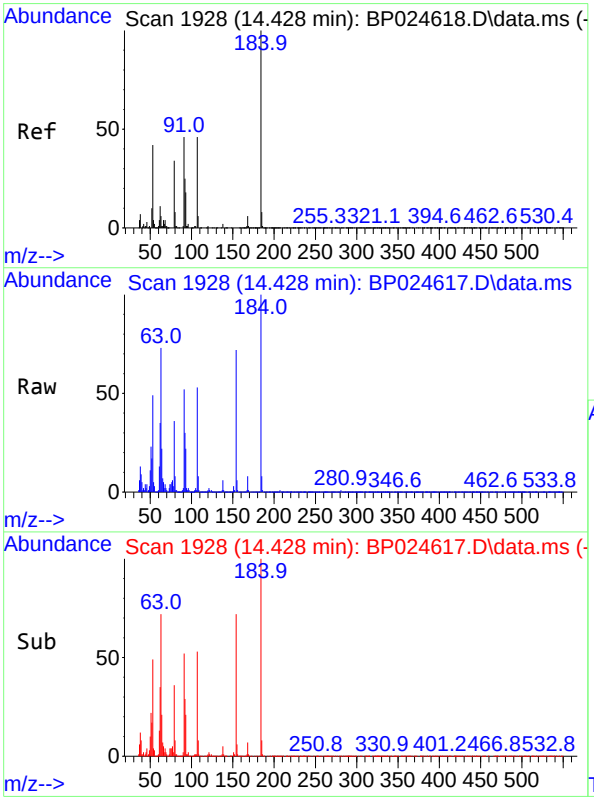
#53
3-Nitroaniline
Concen: 20.01 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 106527

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.0	13.4
92	114.5	90.1	135.1

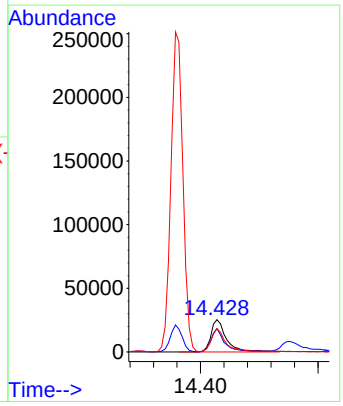


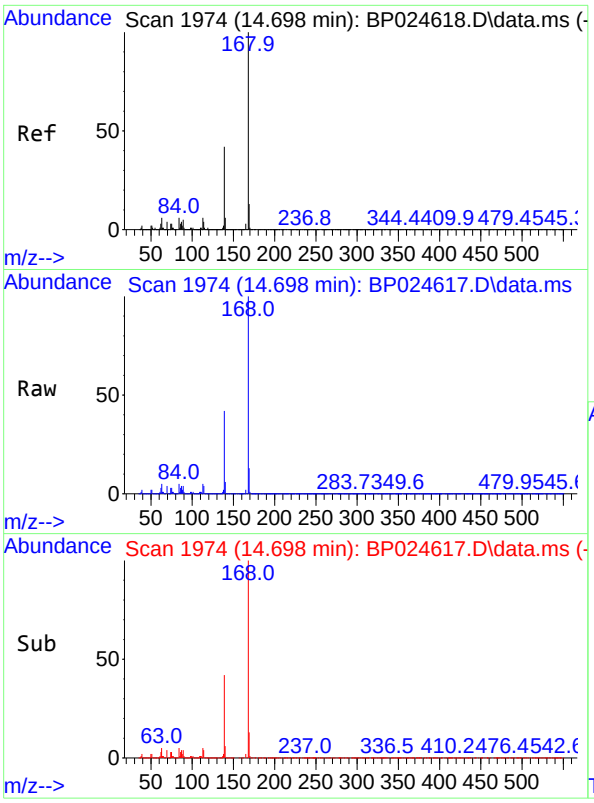


#54
2,4-Dinitrophenol
Concen: 19.37 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:184 Resp: 46351

Ion	Ratio	Lower	Upper
184	100		
63	72.5	51.3	76.9
154	72.4	53.5	80.3



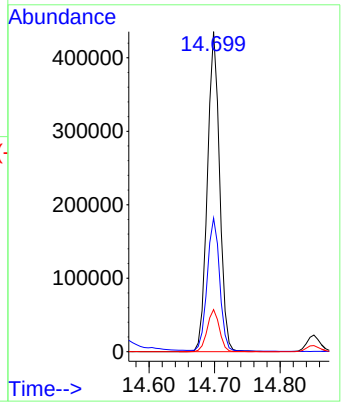


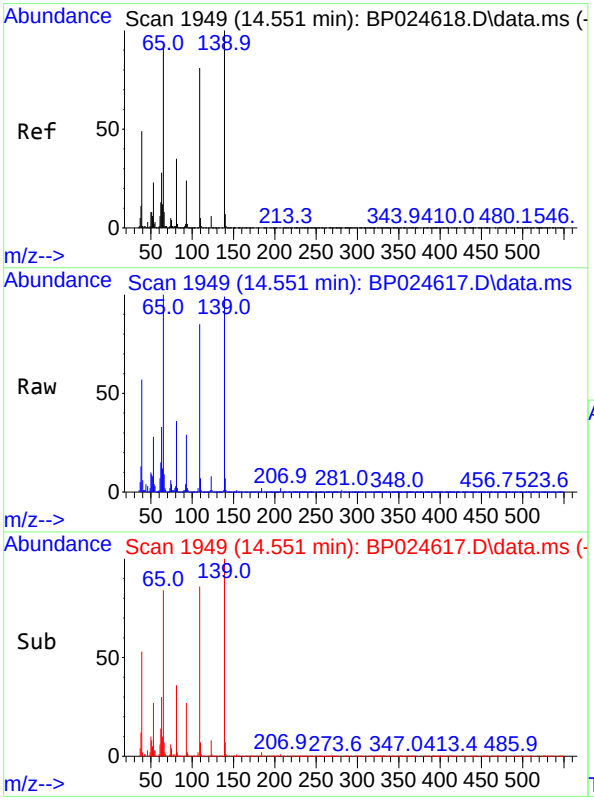
#55
Dibenzofuran
Concen: 20.12 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 563719

Ion	Ratio	Lower	Upper
168	100		
139	41.8	34.2	51.4
169	13.1	10.8	16.2

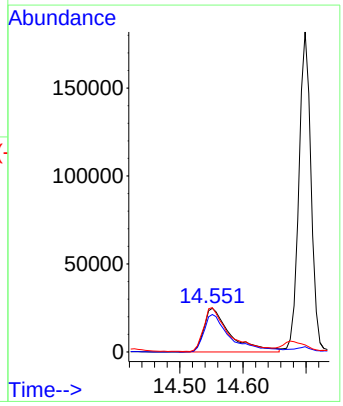


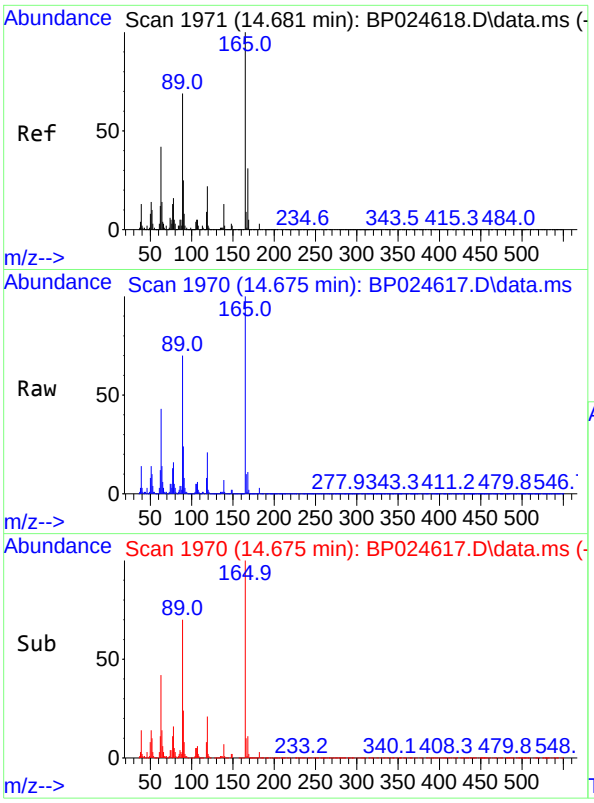


#56
4-Nitrophenol
Concen: 19.02 ng
RT: 14.551 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:139 Resp: 71975

Ion	Ratio	Lower	Upper
139	100		
109	85.7	61.4	101.4
65	101.4	72.2	112.2



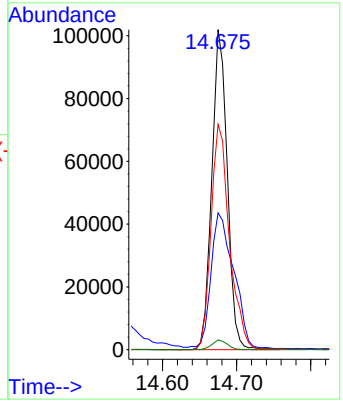


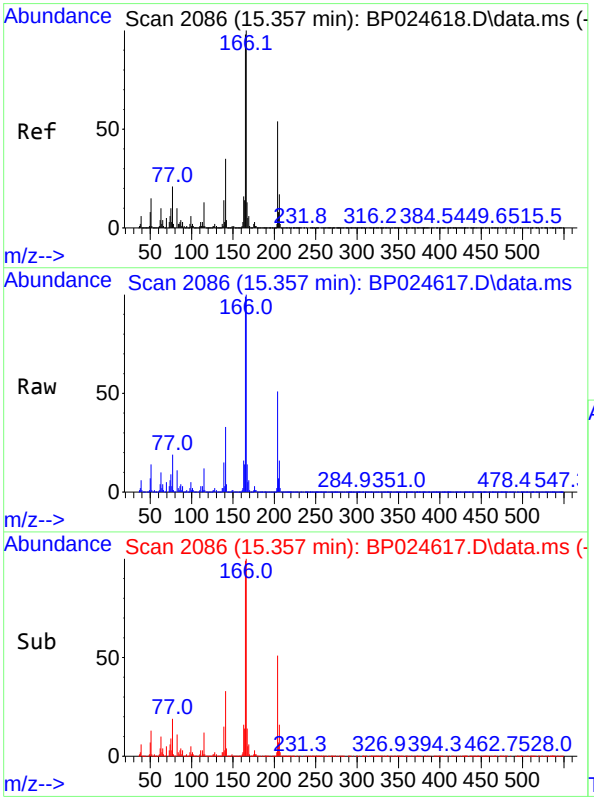
#57
2,4-Dinitrotoluene
Concen: 20.09 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 147676

Ion	Ratio	Lower	Upper
165	100		
63	42.7	33.8	50.6
89	70.4	55.6	83.4
182	3.1	2.4	3.6

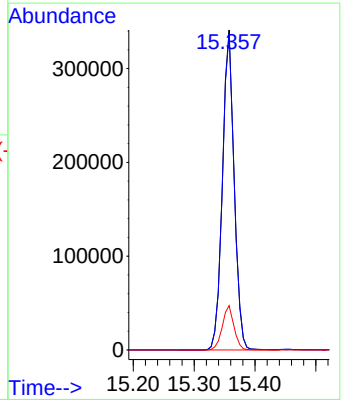


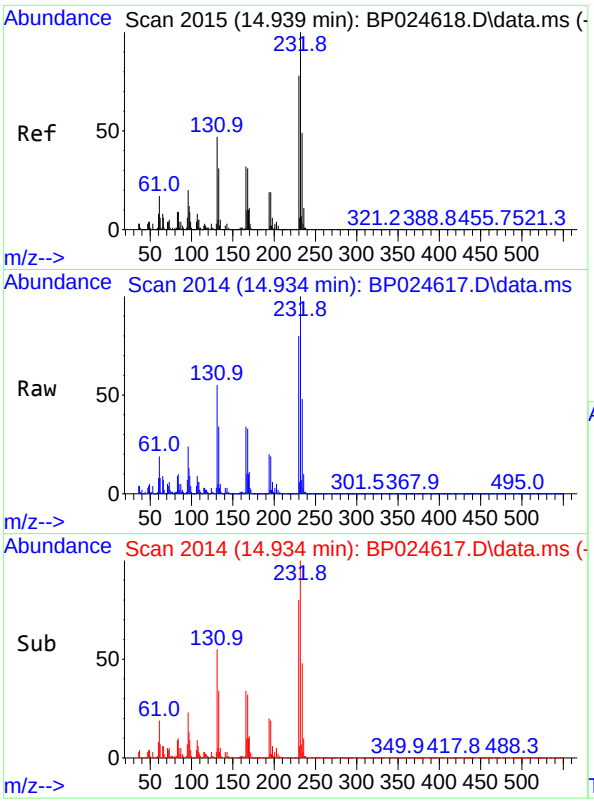


#58
Fluorene
Concen: 20.00 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:166 Resp: 456792

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.5	117.7
167	13.8	10.7	16.1



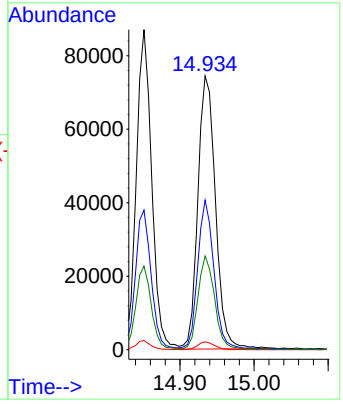


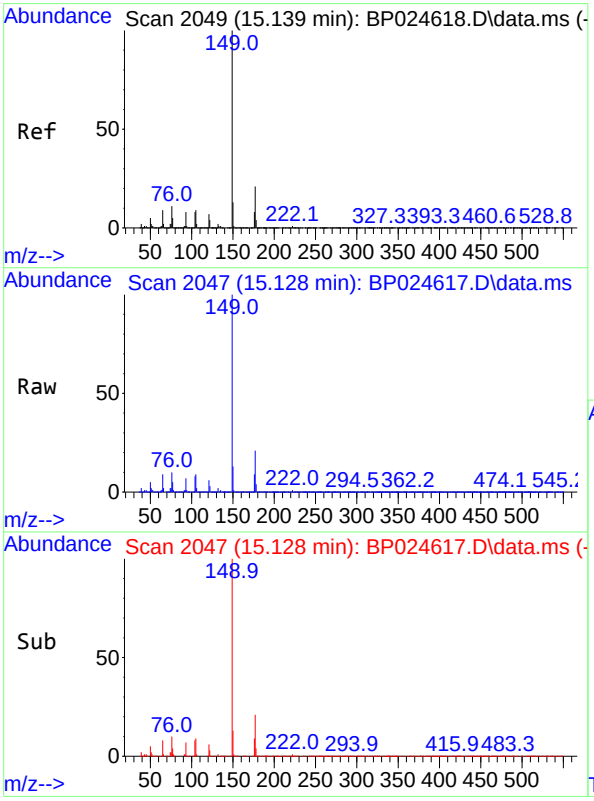
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.59 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 123265

Ion	Ratio	Lower	Upper
232	100		
131	50.2	39.5	59.3
130	2.7	2.2	3.4
166	32.0	25.7	38.5

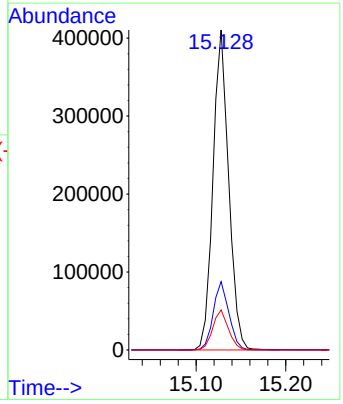


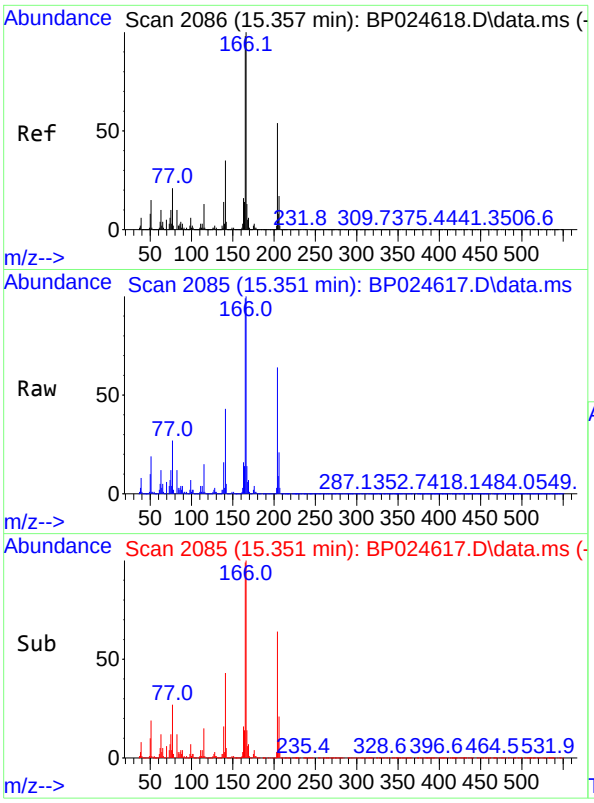


#60
Diethylphthalate
Concen: 19.95 ng
RT: 15.128 min Scan# 2047
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:149 Resp: 497916

Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.5	10.2	15.2



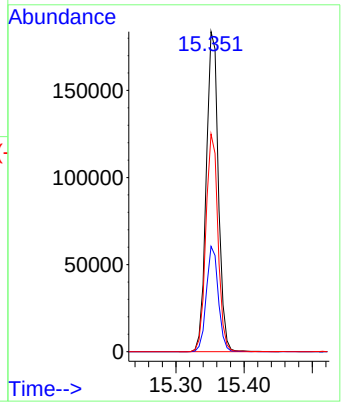


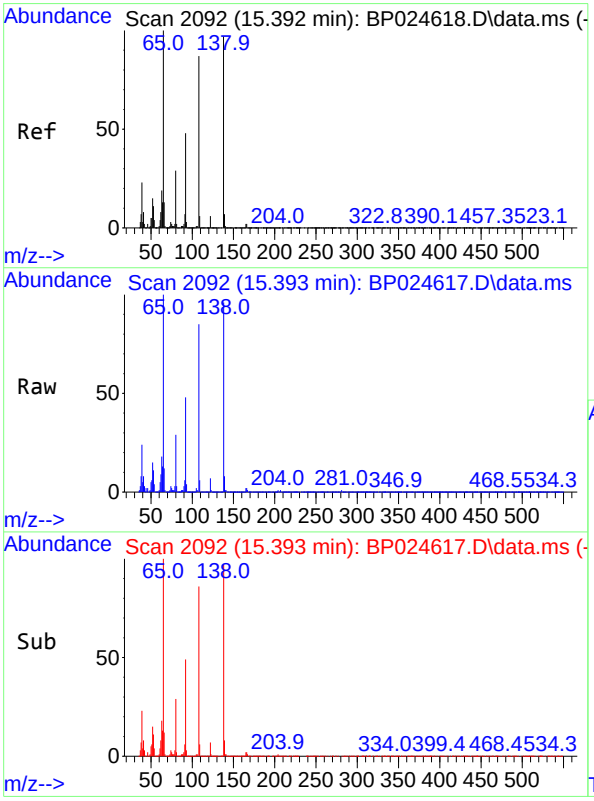
#61
4-Chlorophenyl-phenylether
Concen: 19.91 ng
RT: 15.351 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 226790

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.0	39.0
141	68.0	52.9	79.3

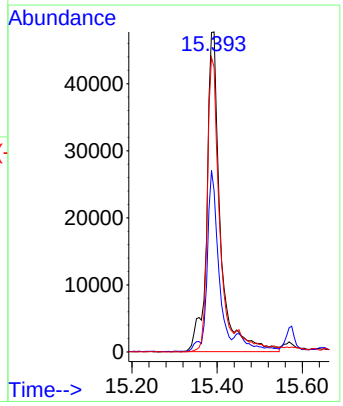


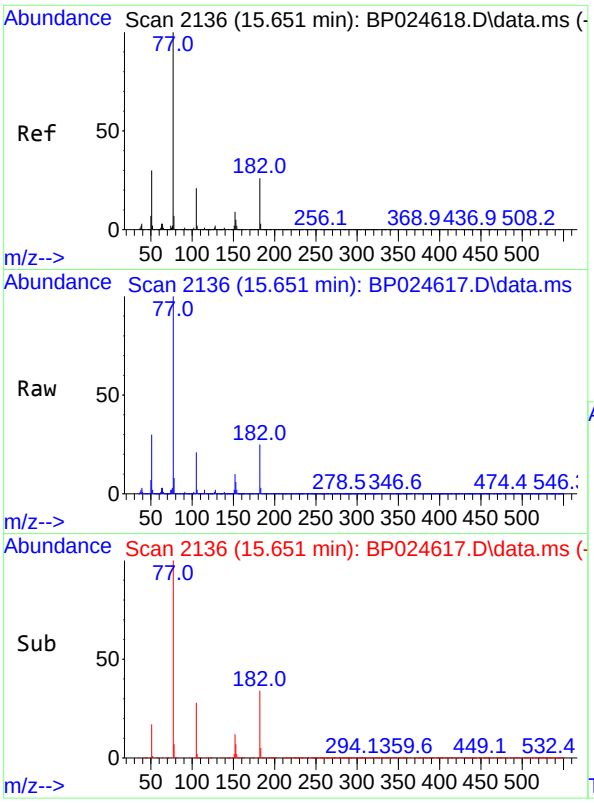


#62
4-Nitroaniline
Concen: 20.37 ng
RT: 15.393 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:138 Resp: 105617

Ion	Ratio	Lower	Upper
138	100		
92	50.4	29.2	69.2
108	89.0	69.0	109.0



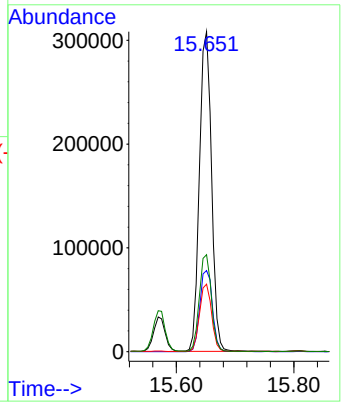


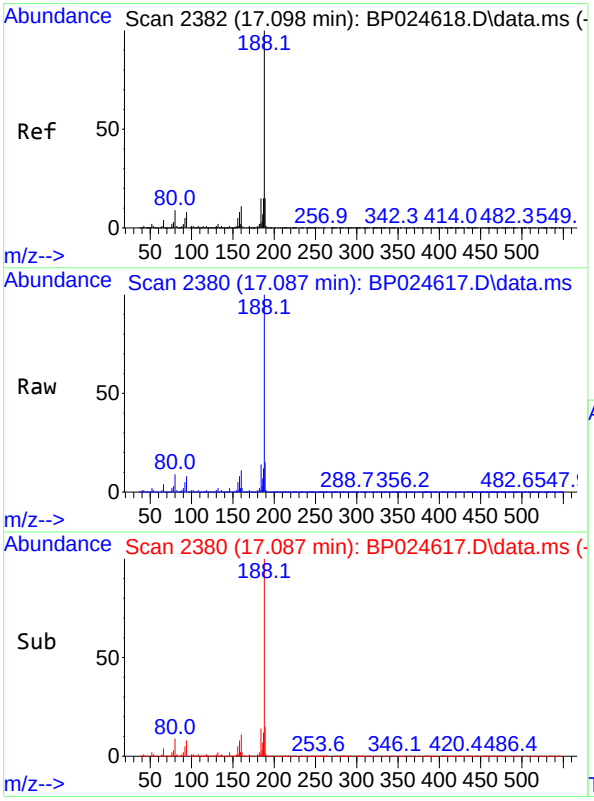
#63
Azobenzene
Concen: 20.57 ng
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 439183

Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.7	45.7
105	21.1	1.3	41.3
51	30.3	10.6	50.6

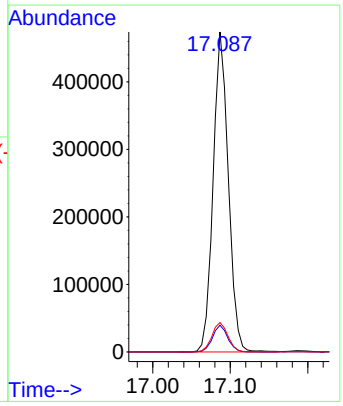


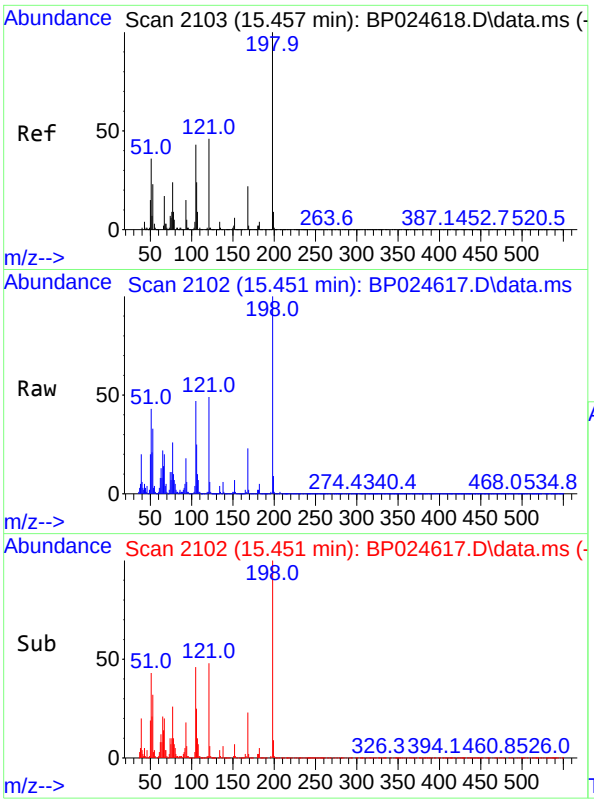


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.087 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:188 Resp: 644367

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.5	9.7
80	9.2	7.3	10.9



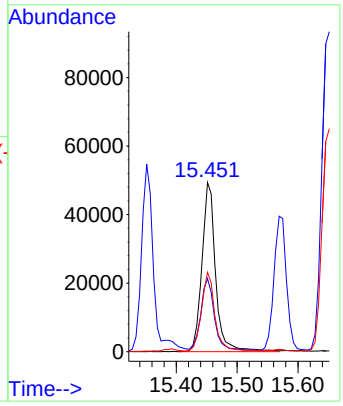


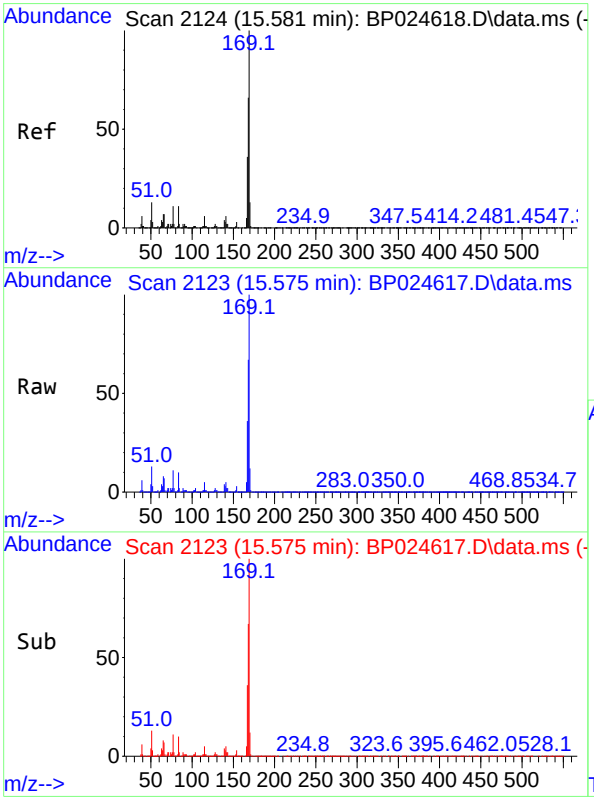
#65
4,6-Dinitro-2-methylphenol
Concen: 18.53 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 77131

Ion	Ratio	Lower	Upper
198	100		
51	43.2	21.1	61.1
105	46.8	23.6	63.6

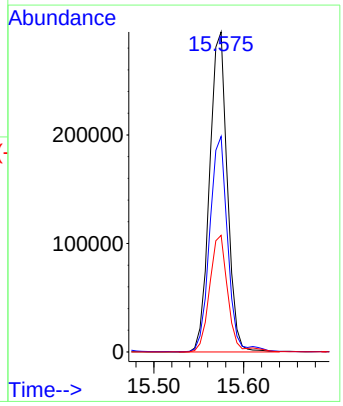


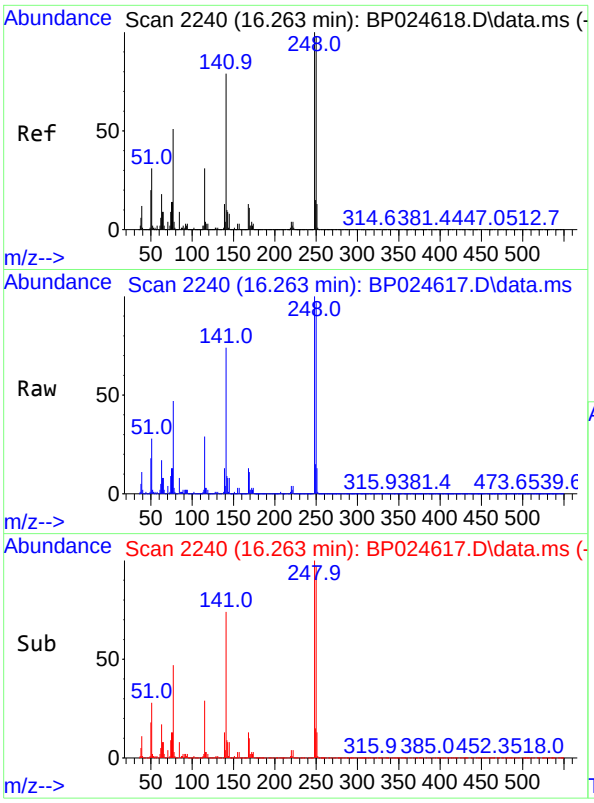


#66
n-Nitrosodiphenylamine
Concen: 20.42 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:169 Resp: 404085

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.2	79.8
167	36.5	28.6	43.0



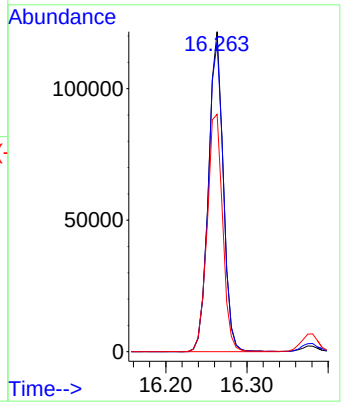


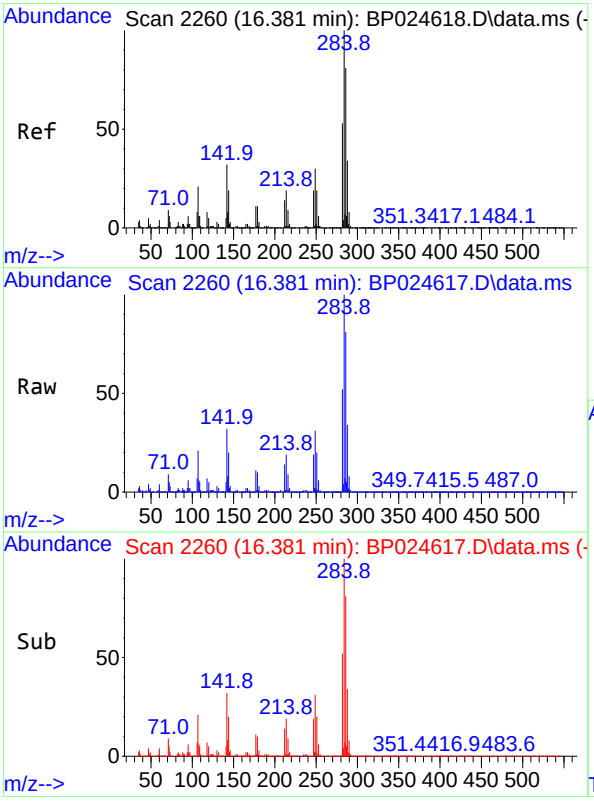
#67
4-Bromophenyl-phenylether
Concen: 20.07 ng
RT: 16.263 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 152393

Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.2	117.4
141	74.2	63.0	94.6

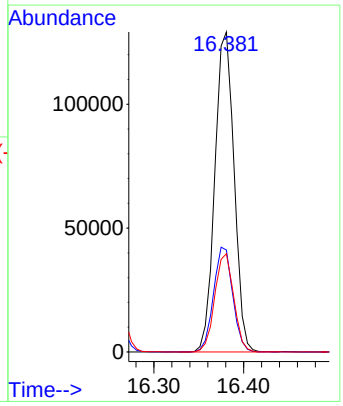


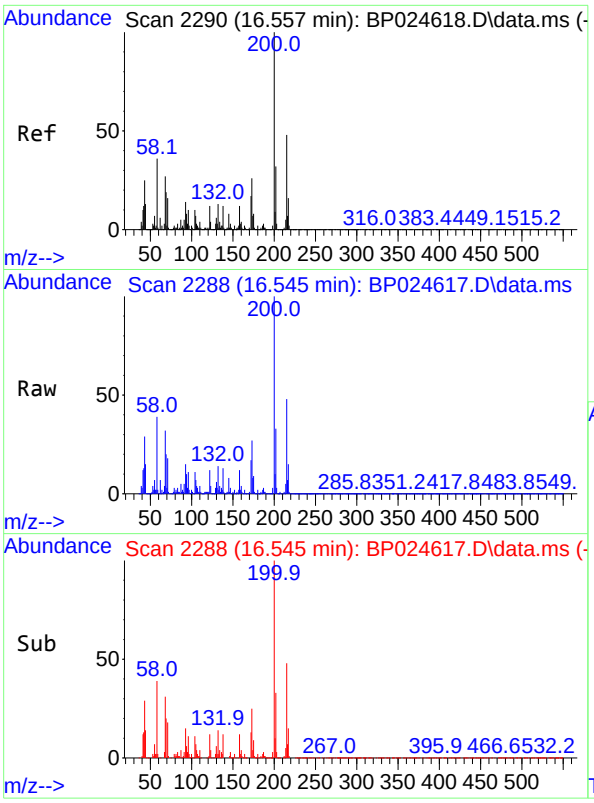


#68
Hexachlorobenzene
Concen: 19.93 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:284 Resp: 192290

Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.9	38.9
249	30.7	24.1	36.1



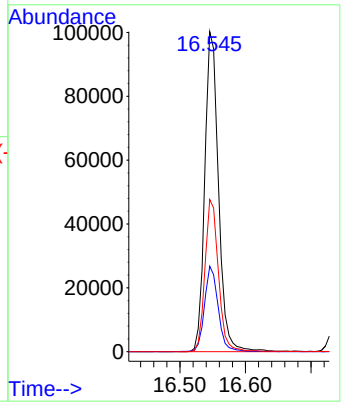


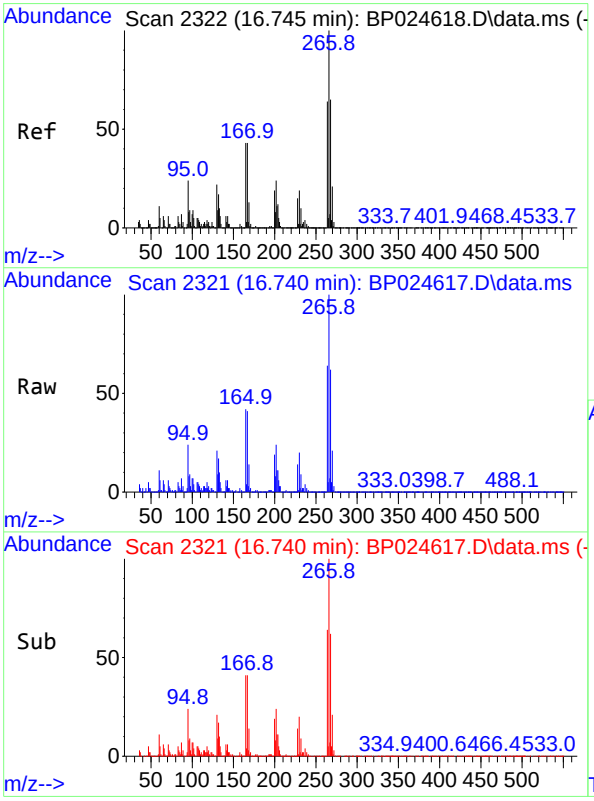
#69
Atrazine
Concen: 20.19 ng
RT: 16.545 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 146468

Ion	Ratio	Lower	Upper
200	100		
173	26.7	5.9	45.9
215	47.5	28.3	68.3

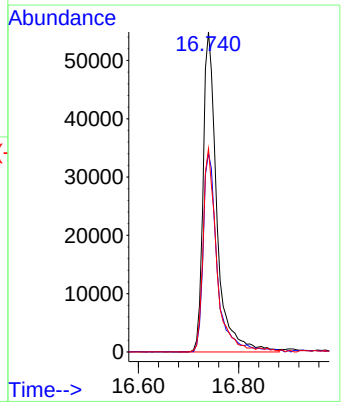


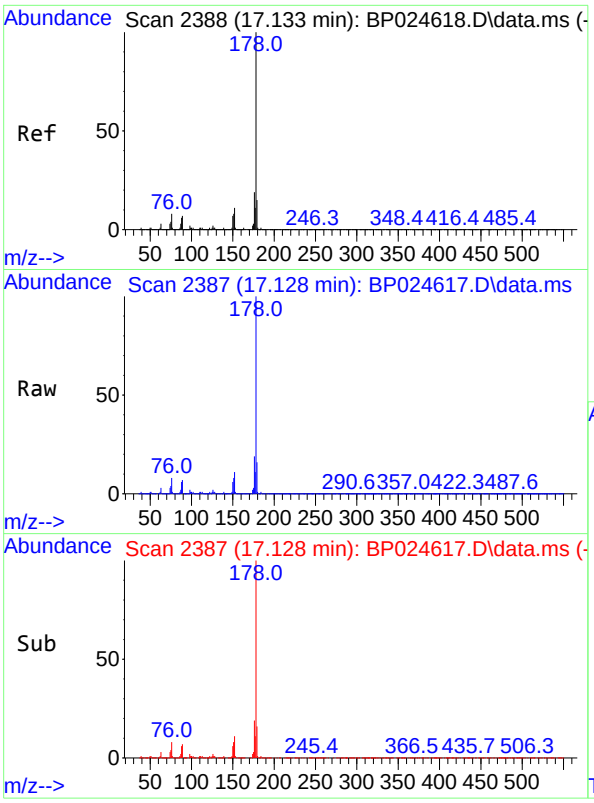


#70
Pentachlorophenol
Concen: 19.36 ng
RT: 16.740 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:266 Resp: 104916

Ion	Ratio	Lower	Upper
266	100		
268	62.1	52.2	78.4
264	63.5	51.1	76.7



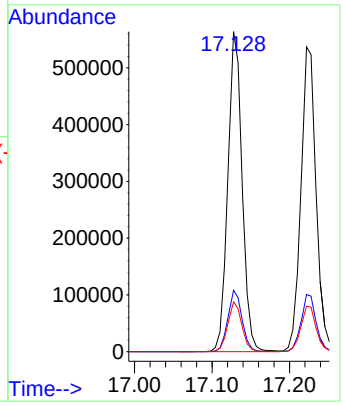


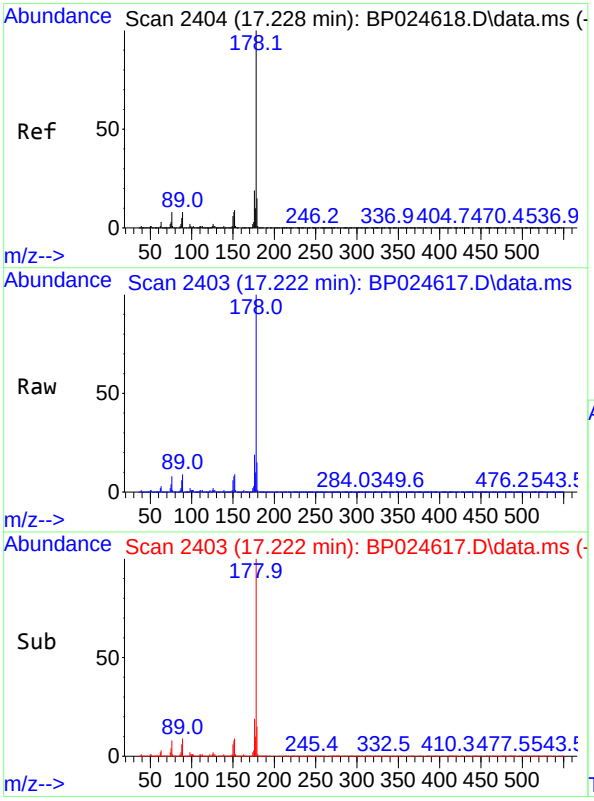
#71
Phenanthrene
Concen: 20.24 ng
RT: 17.128 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 724922

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.2	18.4

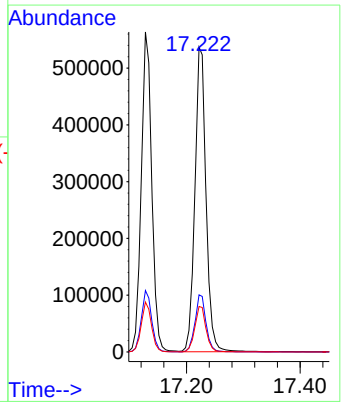


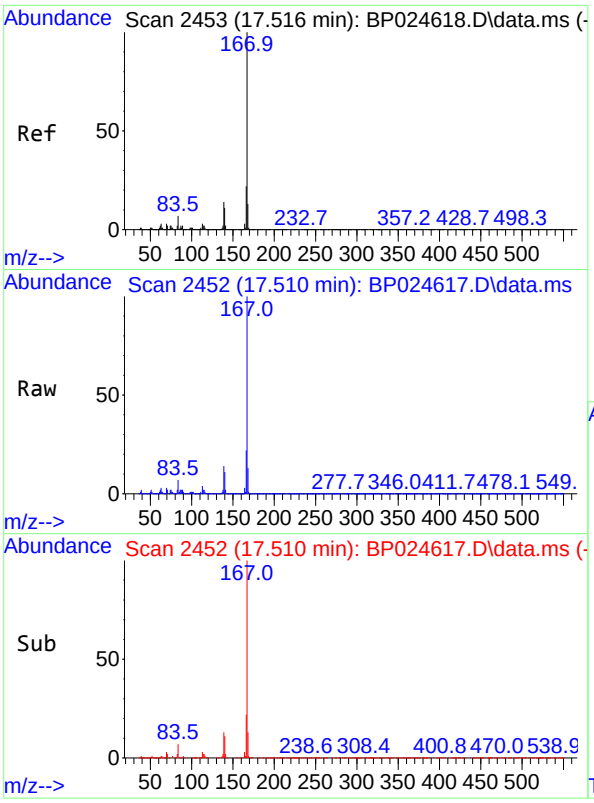


#72
Anthracene
Concen: 20.42 ng
RT: 17.222 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:178 Resp: 735787

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	14.9	12.2	18.2



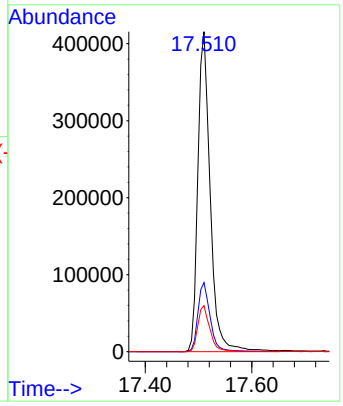


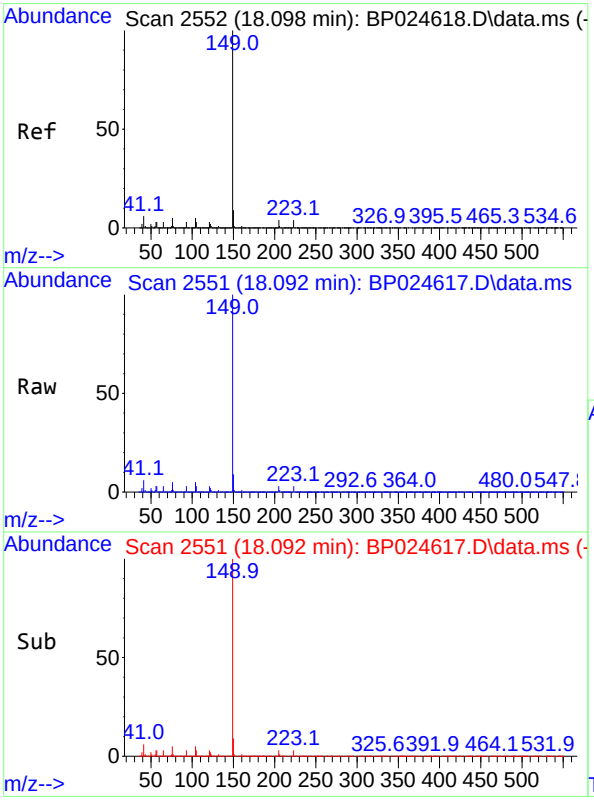
#73
Carbazole
Concen: 20.53 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 669730

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.7	26.5
139	14.4	11.3	16.9

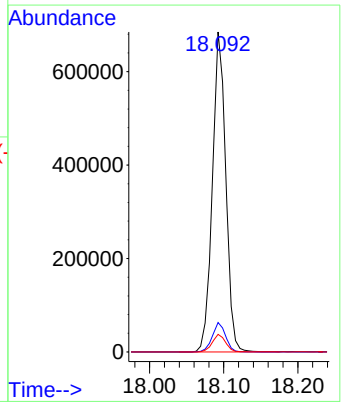


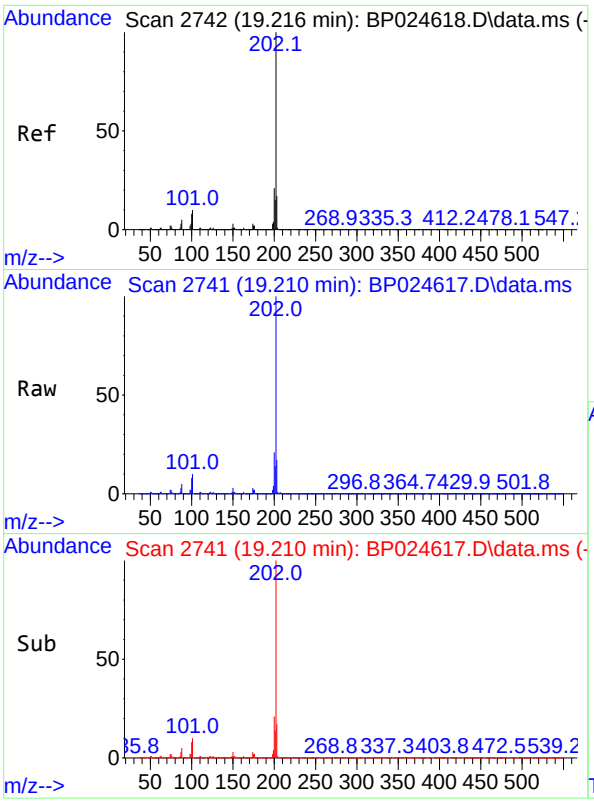


#74
Di-n-butylphthalate
Concen: 20.46 ng
RT: 18.092 min Scan# 2551
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:149 Resp: 858522

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.5	4.3	6.5



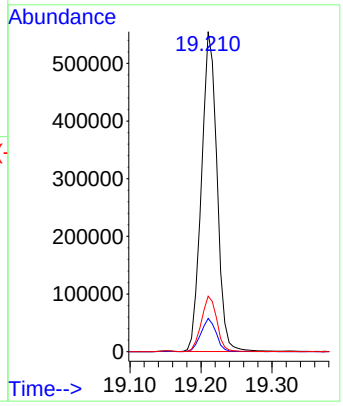


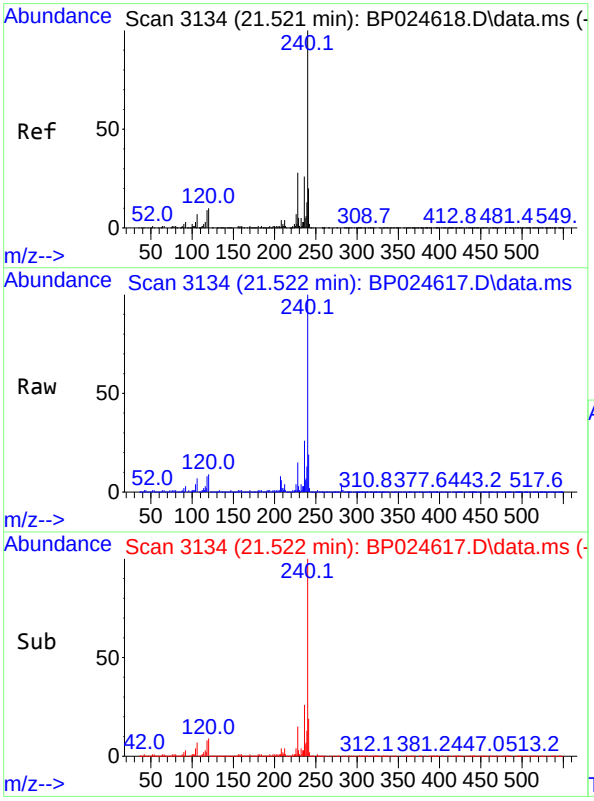
#75
Fluoranthene
Concen: 20.22 ng
RT: 19.210 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 846684

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
203	17.3	0.0	37.5

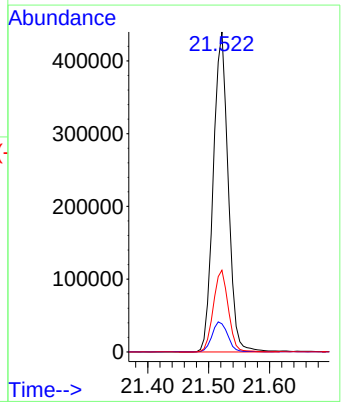


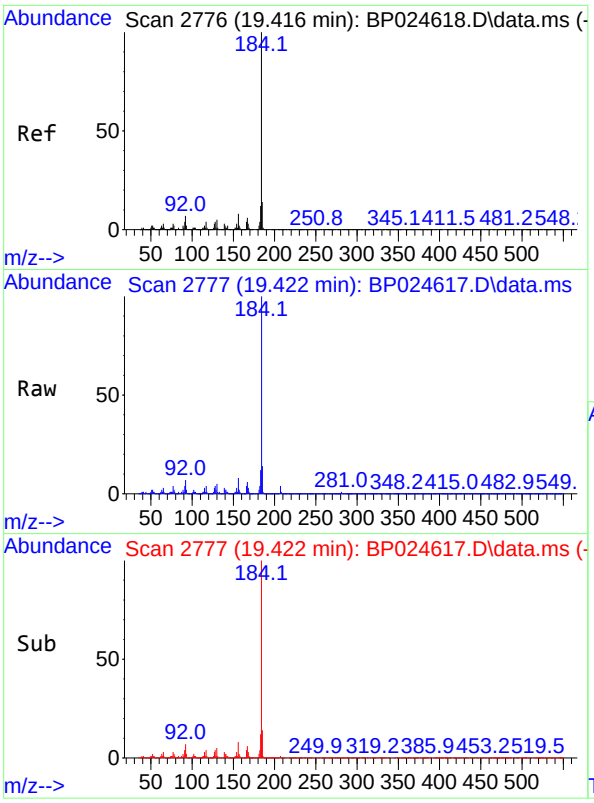


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:240 Resp: 745224

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.8	11.6
236	25.5	20.6	31.0



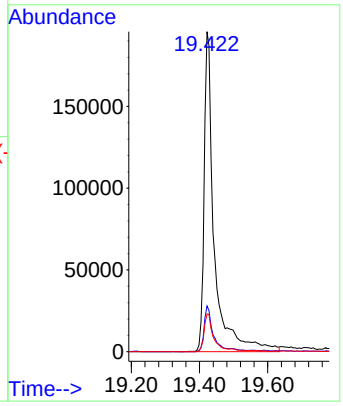


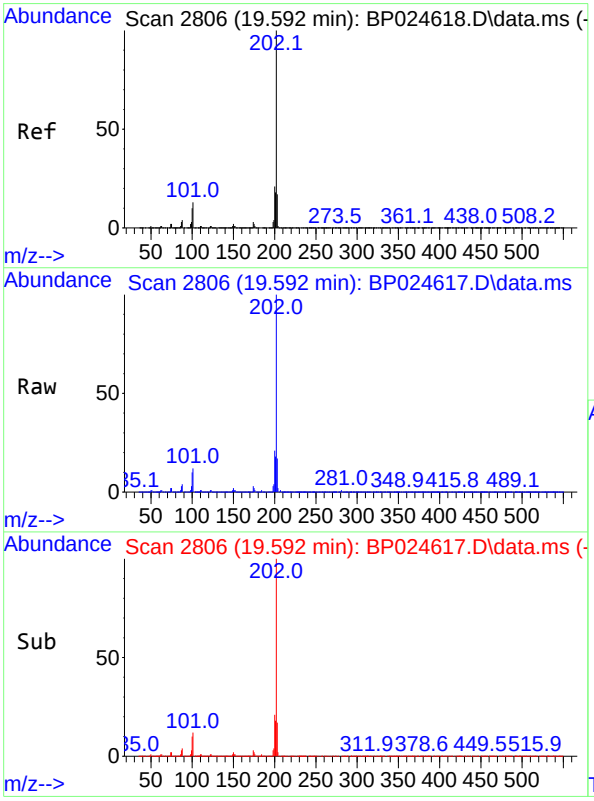
#77
Benzidine
Concen: 19.79 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 404890

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.2	16.8
183	11.8	9.8	14.8

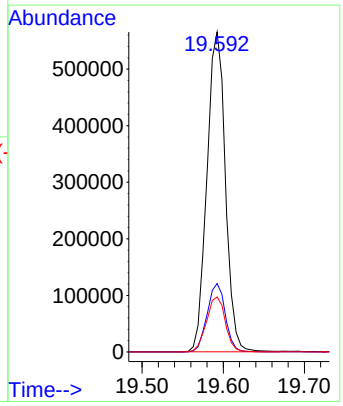


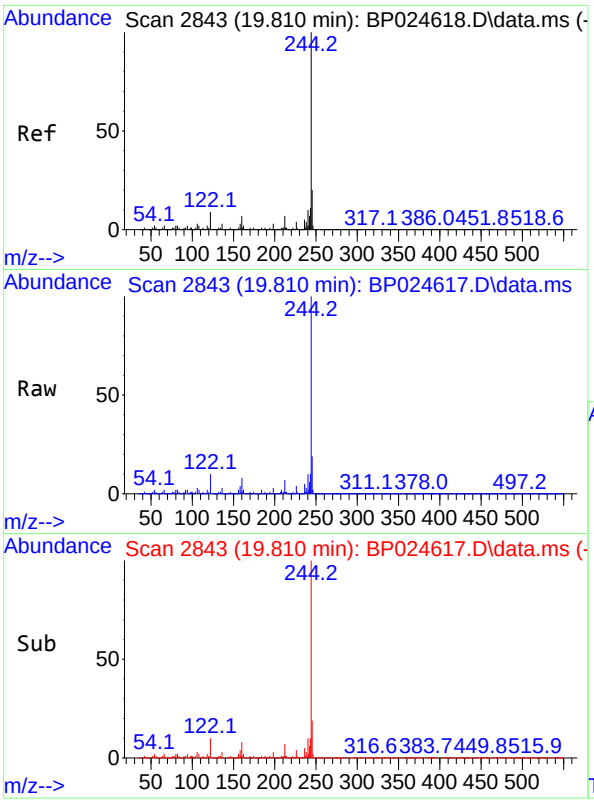


#78
Pyrene
Concen: 19.98 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:202 Resp: 892037

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.2	13.9	20.9



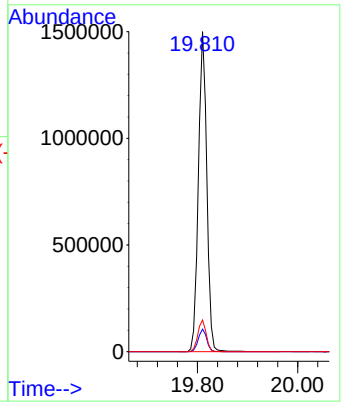


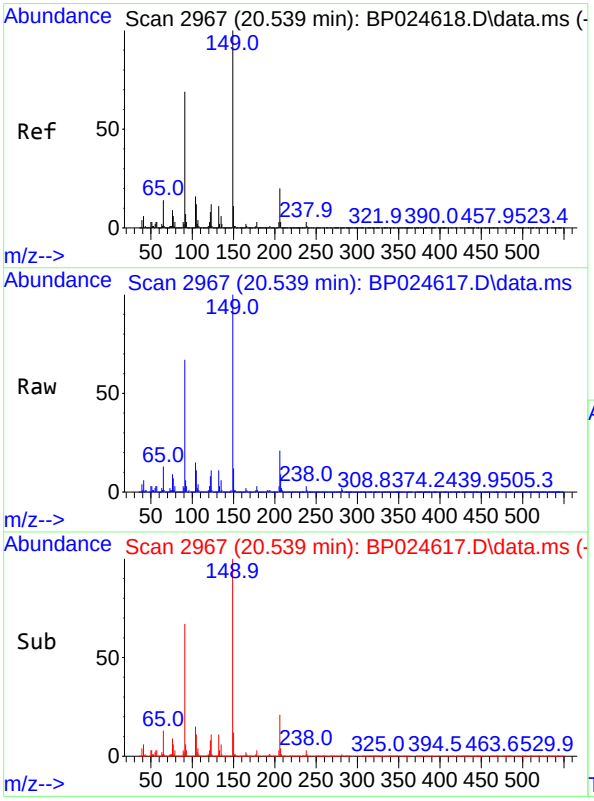
#79
Terphenyl-d14
Concen: 39.96 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 1736879

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	9.9	7.4	11.0

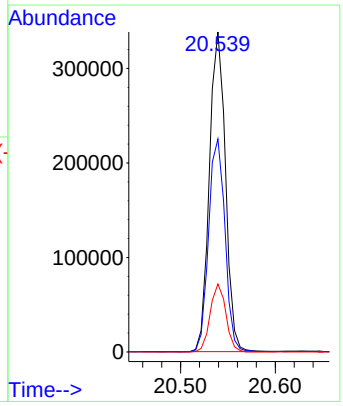


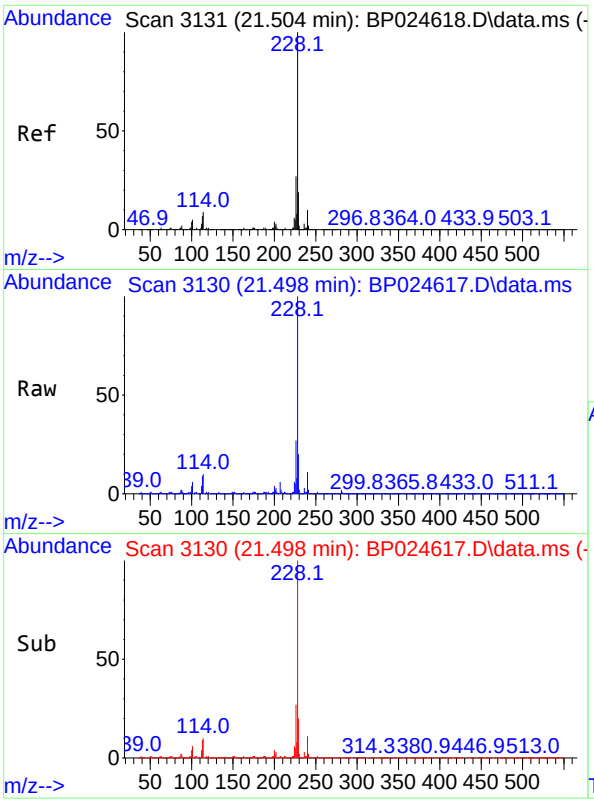


#80
Butylbenzylphthalate
Concen: 20.14 ng
RT: 20.539 min Scan# 2967
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:149 Resp: 400050

Ion	Ratio	Lower	Upper
149	100		
91	66.6	55.4	83.0
206	21.3	16.2	24.2



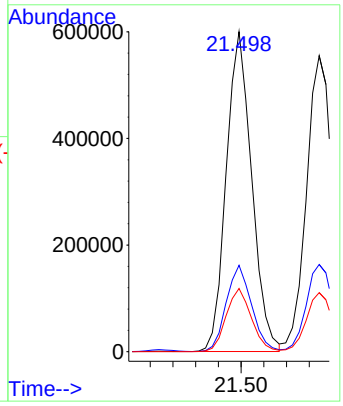


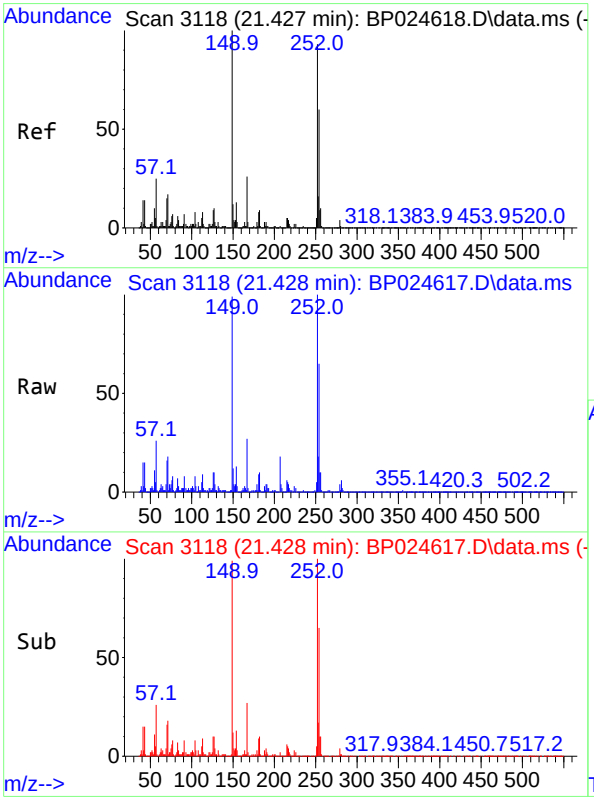
#81
Benzo(a)anthracene
Concen: 19.95 ng
RT: 21.498 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 933614

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.0
229	19.7	15.5	23.3

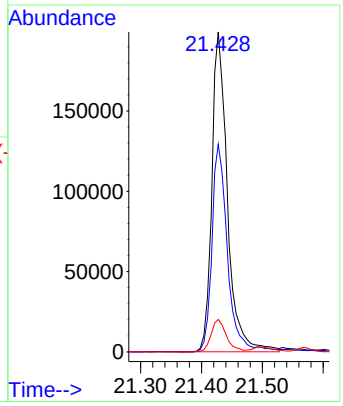


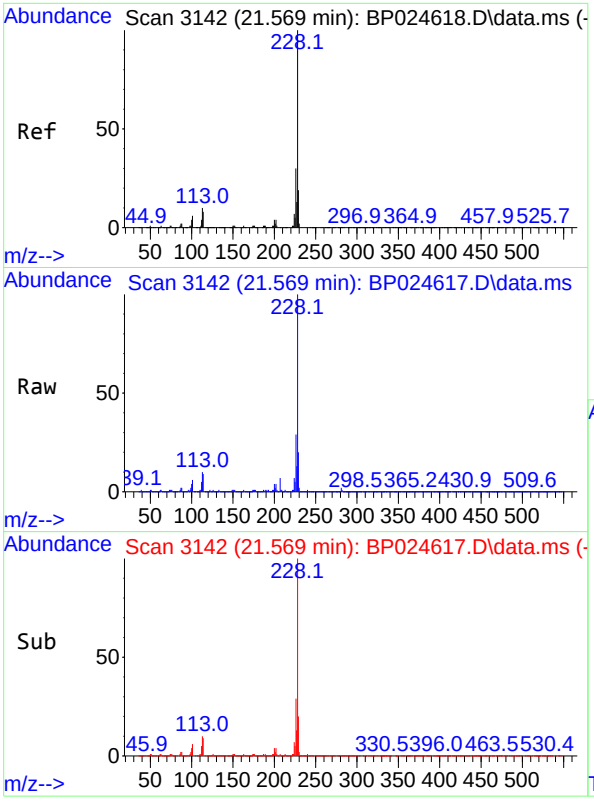


#82
3,3'-Dichlorobenzidine
Concen: 20.31 ng
RT: 21.428 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:252 Resp: 353000

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.8	77.6
126	10.1	7.7	11.5



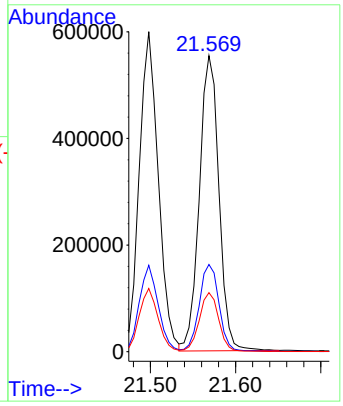


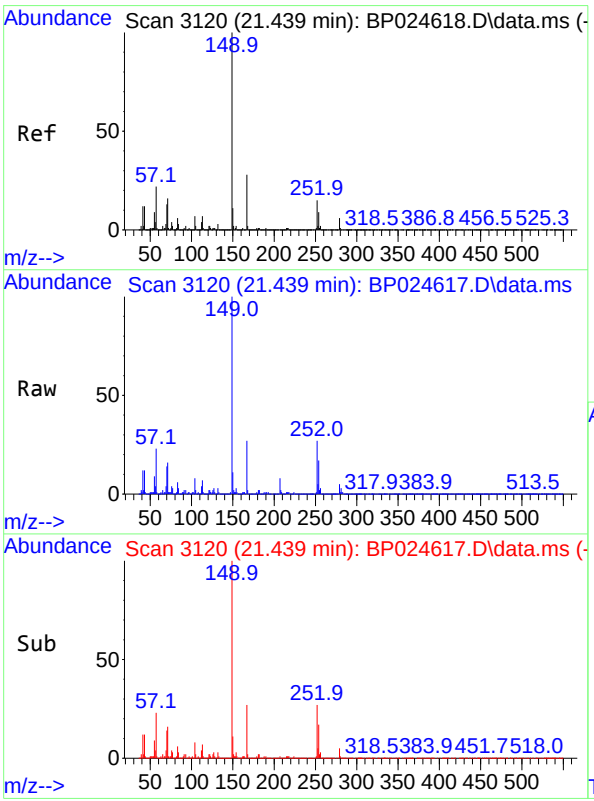
#83
Chrysene
Concen: 19.91 ng
RT: 21.569 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 883001

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	20.0	15.5	23.3

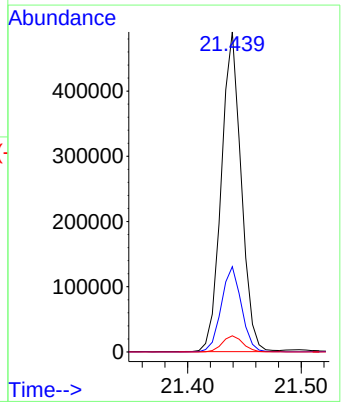


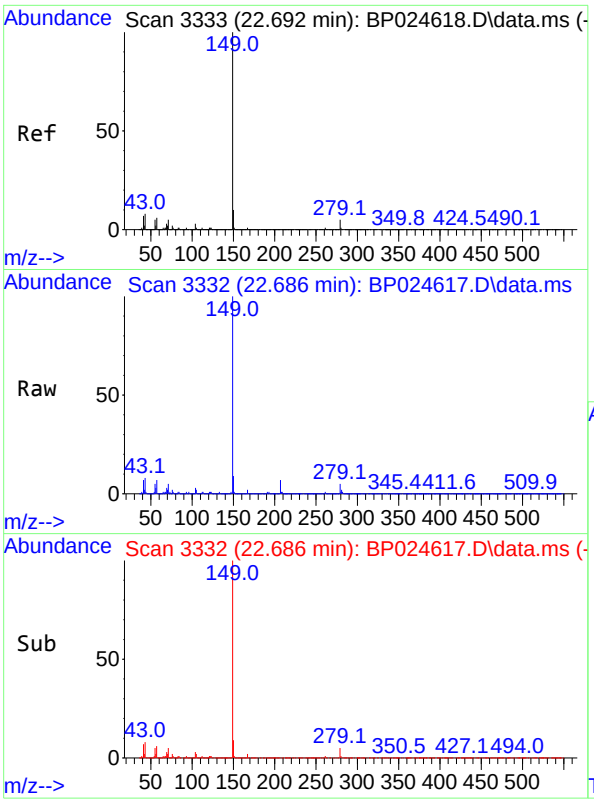


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.45 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:149 Resp: 597012

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.1	33.1
279	5.0	4.6	6.8



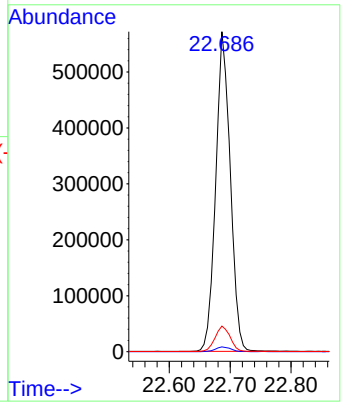


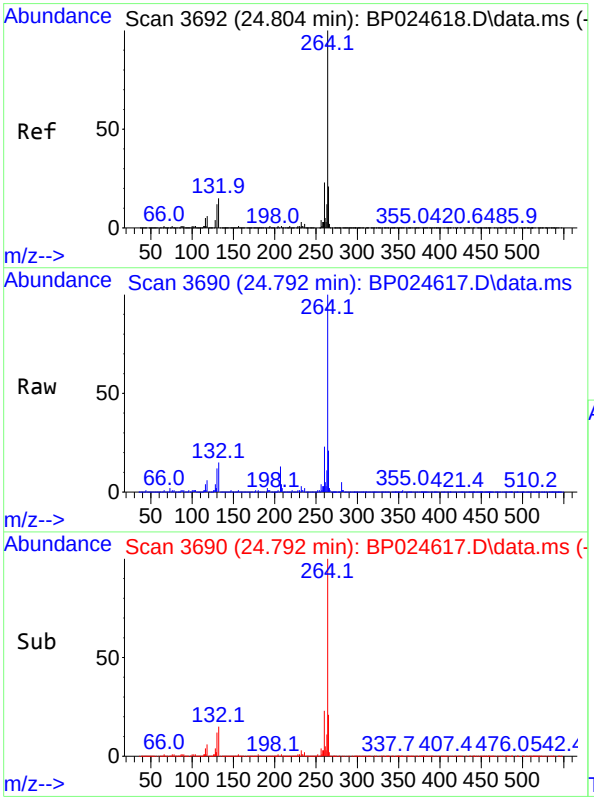
#85
Di-n-octyl phthalate
Concen: 19.85 ng
RT: 22.686 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 947571

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.3	6.3	9.5

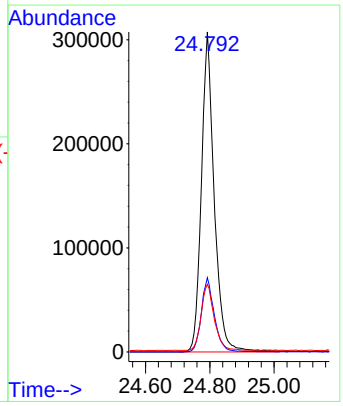


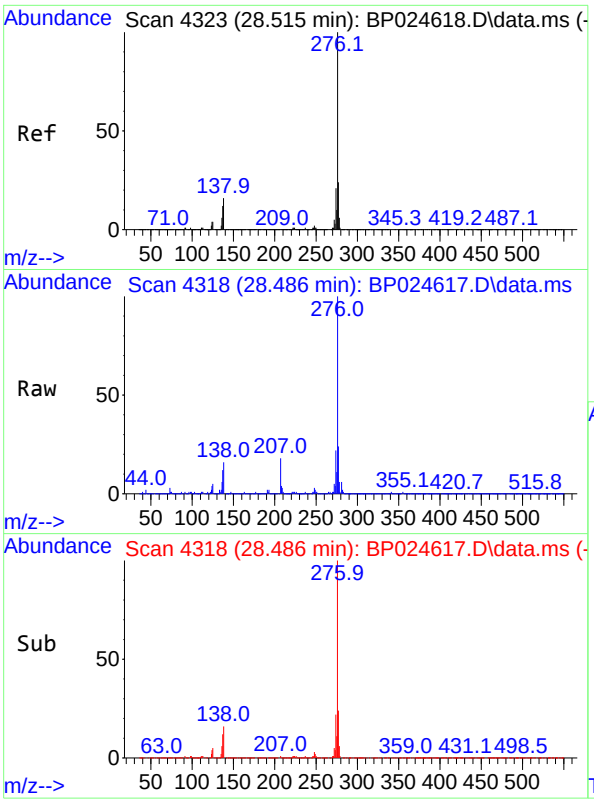


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.792 min Scan# 3690
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:264 Resp: 850264

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.2	17.0	25.6



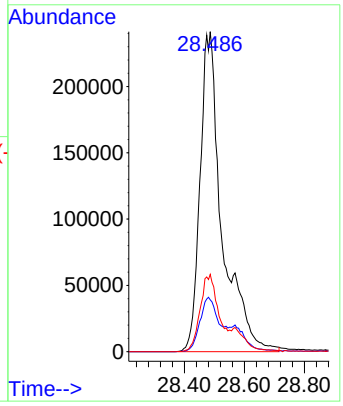


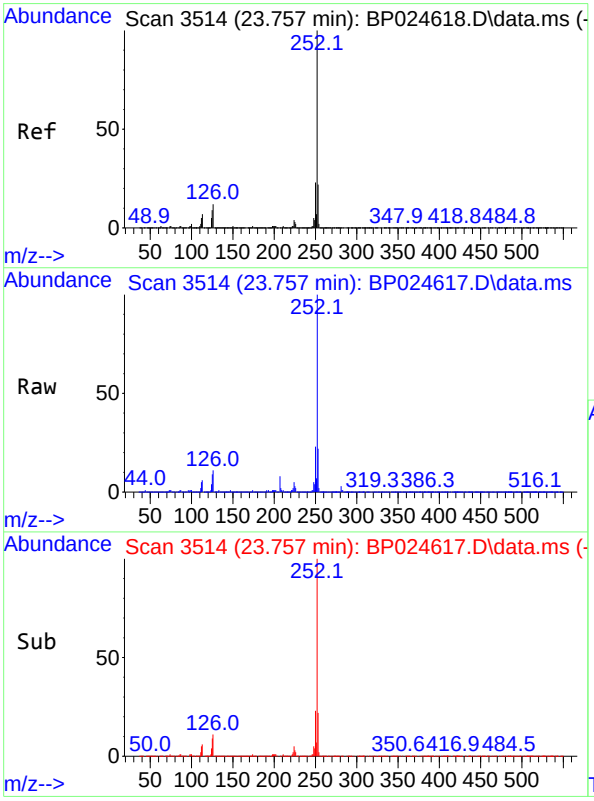
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.81 ng m
RT: 28.486 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 1230125

Ion	Ratio	Lower	Upper
276	100		
138	15.2	11.2	16.8
277	20.9	15.7	23.5

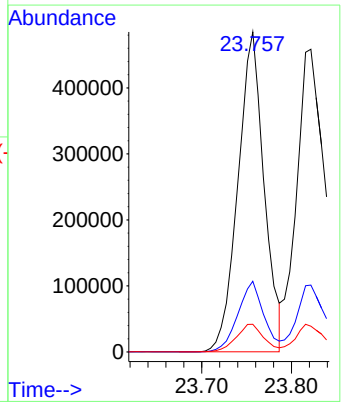


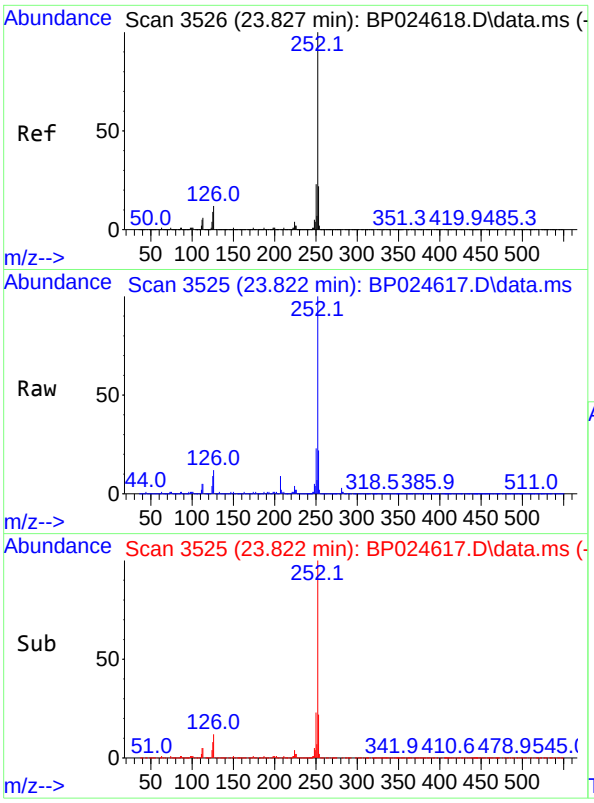


#88
Benzo(b)fluoranthene
Concen: 20.13 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:252 Resp: 979873

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	8.7	7.5	11.3



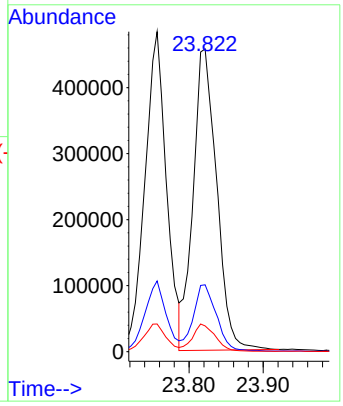


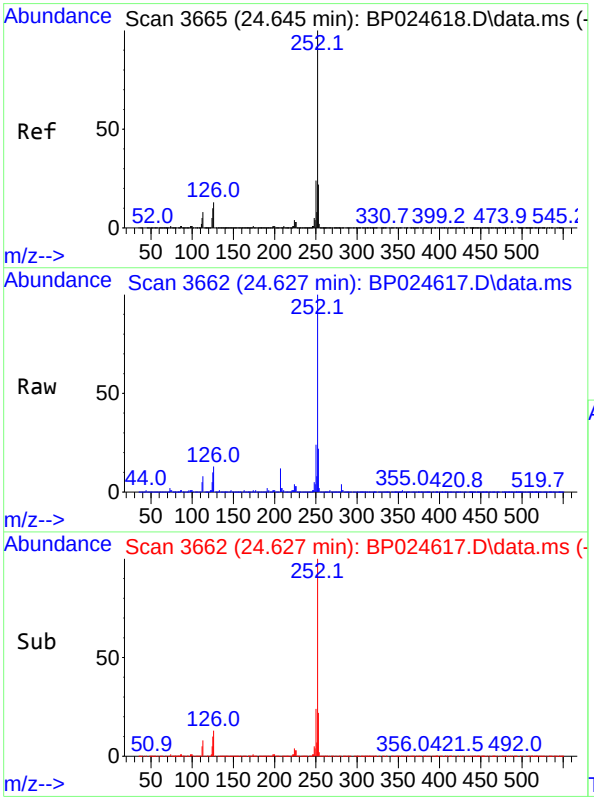
#89
Benzo(k)fluoranthene
Concen: 20.05 ng
RT: 23.822 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 1005349

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	8.5	7.0	10.4

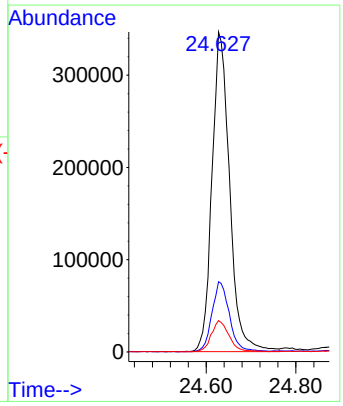


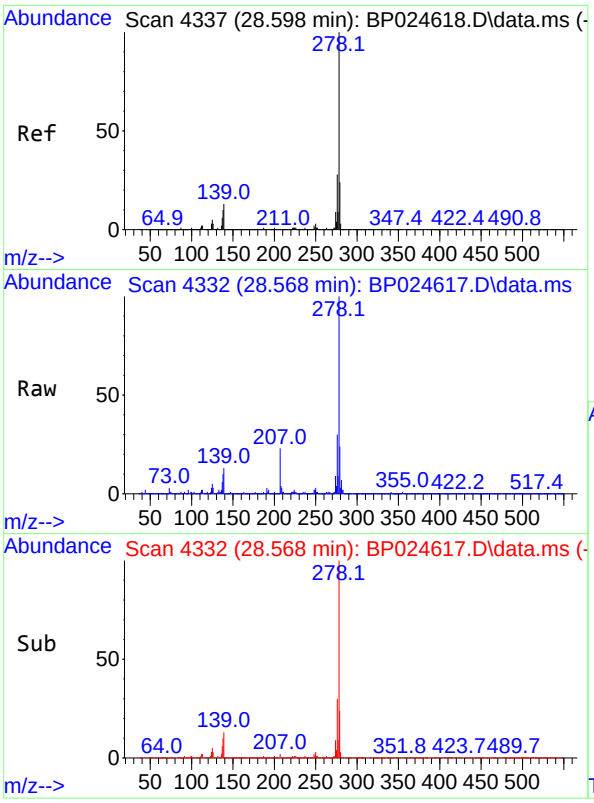


#90
Benzo(a)pyrene
Concen: 20.23 ng
RT: 24.627 min Scan# 3662
Delta R.T. -0.017 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:252 Resp: 945764

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.8	8.1	12.1



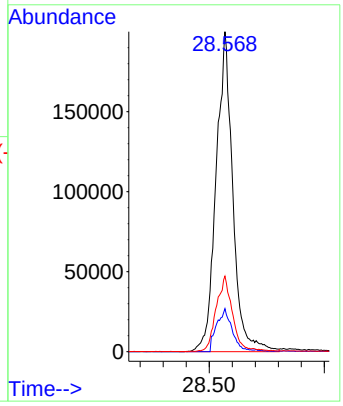


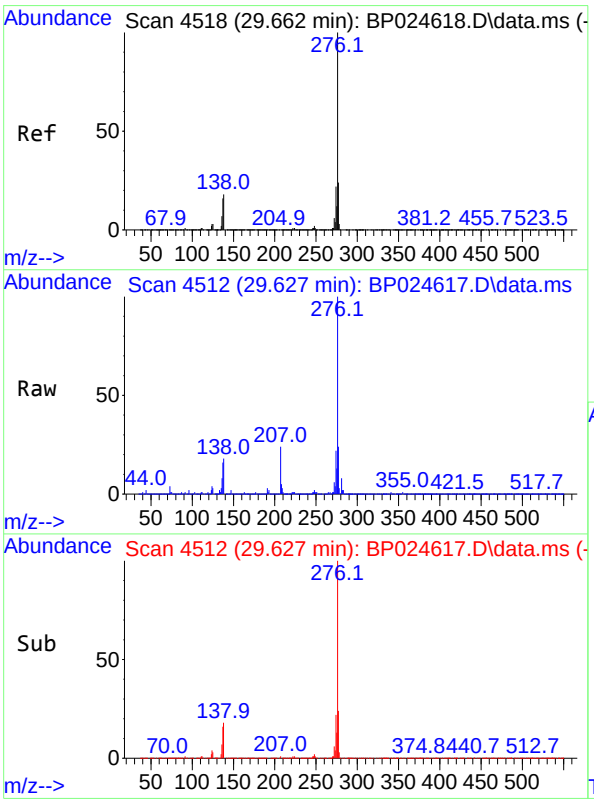
#91
Dibenzo(a,h)anthracene
Concen: 19.97 ng
RT: 28.568 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 1008288

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.2	15.4
279	23.6	19.0	28.4

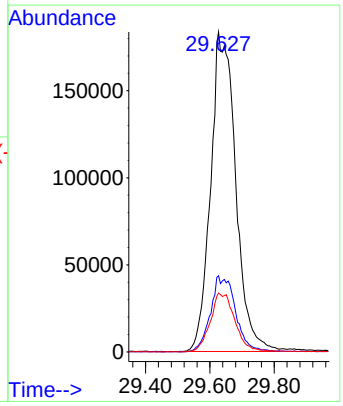




#92
Benzo(g,h,i)perylene
Concen: 19.75 ng
RT: 29.627 min Scan# 4512
Delta R.T. -0.035 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:276 Resp: 991852

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	18.4	14.4	21.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024618.D
Acq On : 13 May 2025 13:24
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: May 13 16:06:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	120950	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	540452	20.00	ng	0.00
39) Acenaphthene-d10	14.304	164	362458	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	717362	20.00	ng	0.00
76) Chrysene-d12	21.521	240	810498	20.00	ng	0.00
86) Perylene-d12	24.804	264	929890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	534477	75.58	ng	0.00
7) Phenol-d6	6.852	99	712342	78.93	ng	0.00
23) Nitrobenzene-d5	8.810	82	826567	77.28	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	467808	76.13	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2076354	75.05	ng	0.00
79) Terphenyl-d14	19.810	244	3647961	77.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	122181	36.79	ng	100
3) Pyridine	3.622	79	289809	39.36	ng	100
4) n-Nitrosodimethylamine	3.534	42	125087	38.48	ng	100
6) Aniline	7.005	93	463675	39.79	ng	100
8) 2-Chlorophenol	7.240	128	315079	39.25	ng	100
9) Benzaldehyde	6.822	77	231076m	39.62	ng	
10) Phenol	6.881	94	364948	39.18	ng	100
11) bis(2-Chloroethyl)ether	7.099	93	293331	38.32	ng	100
12) 1,3-Dichlorobenzene	7.552	146	348242	37.71	ng	100
13) 1,4-Dichlorobenzene	7.699	146	355533	38.27	ng	100
14) 1,2-Dichlorobenzene	8.010	146	344980	38.11	ng	100
15) Benzyl Alcohol	7.905	79	277892	40.52	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.187	45	354872	38.71	ng	100
17) 2-Methylphenol	8.110	107	265962	39.81	ng	100
18) Hexachloroethane	8.728	117	133224	37.43	ng	100
19) n-Nitroso-di-n-propyla...	8.457	70	253553	40.61	ng	100
20) 3+4-Methylphenols	8.434	107	366564	40.33	ng	100
22) Acetophenone	8.475	105	521603	38.64	ng	100
24) Nitrobenzene	8.852	77	363767	38.65	ng	100
25) Isophorone	9.375	82	727081	39.19	ng	100
26) 2-Nitrophenol	9.563	139	185587	40.24	ng	100
27) 2,4-Dimethylphenol	9.628	122	322227	39.62	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	430958	38.88	ng	100
29) 2,4-Dichlorophenol	10.093	162	314830	39.95	ng	100
30) 1,2,4-Trichlorobenzene	10.299	180	330659	37.23	ng	100
31) Naphthalene	10.481	128	1059316	37.82	ng	100
32) Benzoic acid	9.775	122	206829m	38.01	ng	
33) 4-Chloroaniline	10.599	127	452150	40.01	ng	100
34) Hexachlorobutadiene	10.763	225	213978	37.19	ng	100
35) Caprolactam	11.387	113	118047	41.43	ng	100
36) 4-Chloro-3-methylphenol	11.734	107	385077	40.07	ng	100
37) 2-Methylnaphthalene	12.093	142	692133	38.17	ng	100
38) 1-Methylnaphthalene	12.316	142	745849	38.44	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	398230	37.84	ng	100
41) Hexachlorocyclopentadiene	12.445	237	258329	40.48	ng	100
43) 2,4,6-Trichlorophenol	12.716	196	268675	39.41	ng	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024618.D
Acq On : 13 May 2025 13:24
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: May 13 16:06:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	293079	38.62	ng	100
46) 1,1'-Biphenyl	13.116	154	1002344	37.42	ng	100
47) 2-Chloronaphthalene	13.157	162	771952	37.79	ng	100
48) 2-Nitroaniline	13.375	65	242485	40.10	ng	100
49) Acenaphthylene	14.016	152	1307740	38.26	ng	100
50) Dimethylphthalate	13.757	163	1051056	38.04	ng	100
51) 2,6-Dinitrotoluene	13.881	165	226086	38.75	ng	100
52) Acenaphthene	14.363	154	745335	37.93	ng	100
53) 3-Nitroaniline	14.216	138	246561	41.39	ng	100
54) 2,4-Dinitrophenol	14.428	184	124517	37.54	ng	100
55) Dibenzofuran	14.698	168	1183806	37.77	ng	100
56) 4-Nitrophenol	14.551	139	186112	38.41	ng	100
57) 2,4-Dinitrotoluene	14.681	165	329156	40.02	ng	100
58) Fluorene	15.357	166	968487	37.89	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.939	232	274384	38.98	ng	100
60) Diethylphthalate	15.139	149	1046478	37.48	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	475327	37.29	ng	100
62) 4-Nitroaniline	15.392	138	239212	41.24	ng	100
63) Azobenzene	15.651	77	906274	37.94	ng	100
65) 4,6-Dinitro-2-methylph...	15.457	198	184593	39.84	ng	100
66) n-Nitrosodiphenylamine	15.581	169	851188	38.63	ng	100
67) 4-Bromophenyl-phenylether	16.263	248	323558	38.28	ng	100
68) Hexachlorobenzene	16.381	284	403916	37.60	ng	100
69) Atrazine	16.557	200	312226	38.67	ng	100
70) Pentachlorophenol	16.745	266	246828	40.91	ng	100
71) Phenanthrene	17.133	178	1507602	37.80	ng	100
72) Anthracene	17.228	178	1542275	38.44	ng	100
73) Carbazole	17.516	167	1436294	39.55	ng	100
74) Di-n-butylphthalate	18.098	149	1807097	38.69	ng	100
75) Fluoranthene	19.216	202	1794046	38.49	ng	100
77) Benzidine	19.416	184	907109	40.77	ng	100
78) Pyrene	19.592	202	1869519	38.50	ng	100
80) Butylbenzylphthalate	20.539	149	854913	39.58	ng	100
81) Benzo(a)anthracene	21.504	228	1957632	38.47	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	773866	40.94	ng	100
83) Chrysene	21.569	228	1833959	38.01	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1240956	39.09	ng	100
85) Di-n-octyl phthalate	22.692	149	2074694	39.97	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	2648648	39.00	ng	100
88) Benzo(b)fluoranthene	23.757	252	2050806	38.53	ng	100
89) Benzo(k)fluoranthene	23.827	252	2120721	38.67	ng	100
90) Benzo(a)pyrene	24.645	252	1979017	38.71	ng	100
91) Dibenzo(a,h)anthracene	28.598	278	2170712	39.30	ng	100
92) Benzo(g,h,i)perylene	29.662	276	2132921	38.84	ng	100

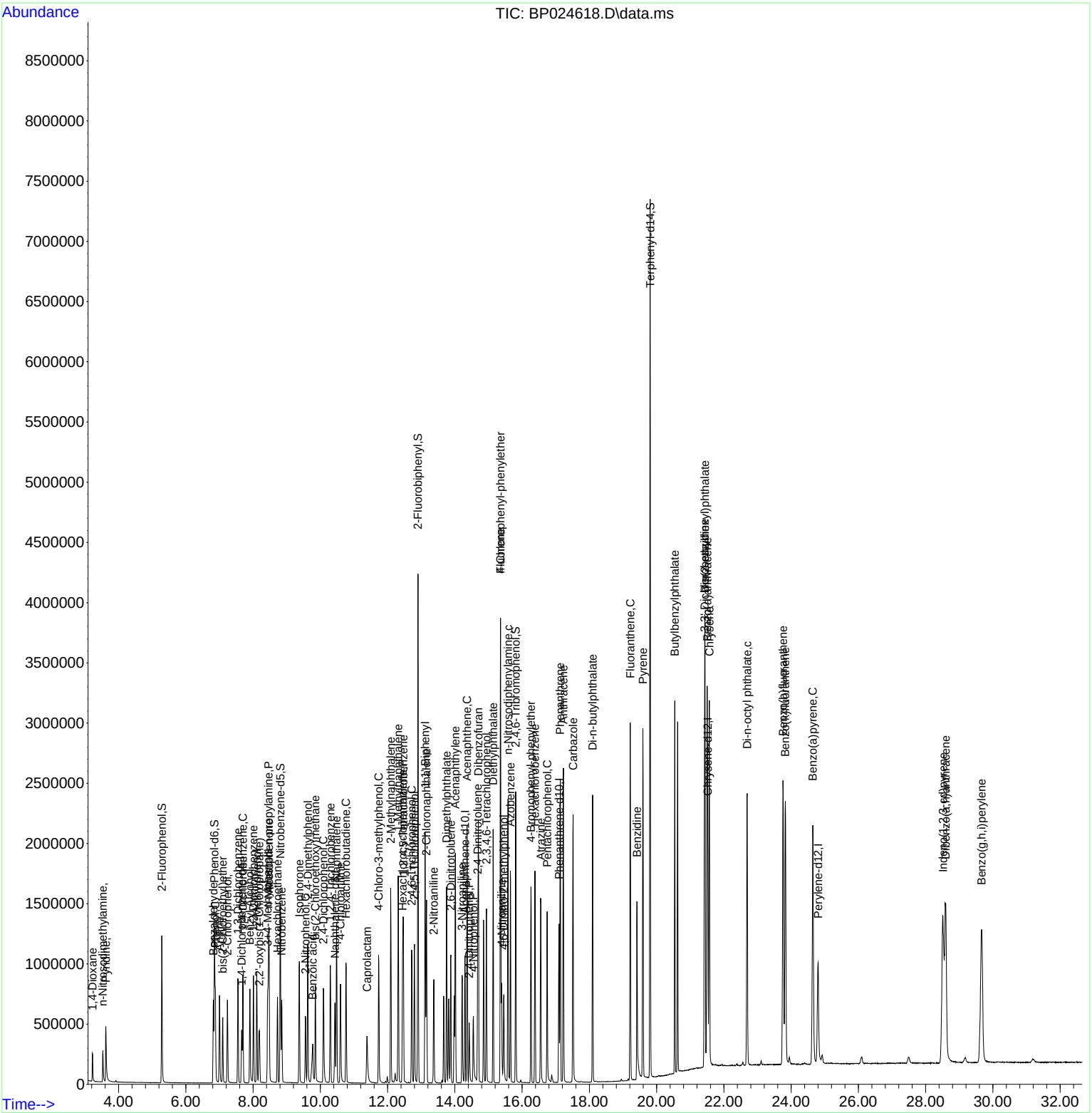
(#) = qualifier out of range (m) = manual integration (+) = signals summed

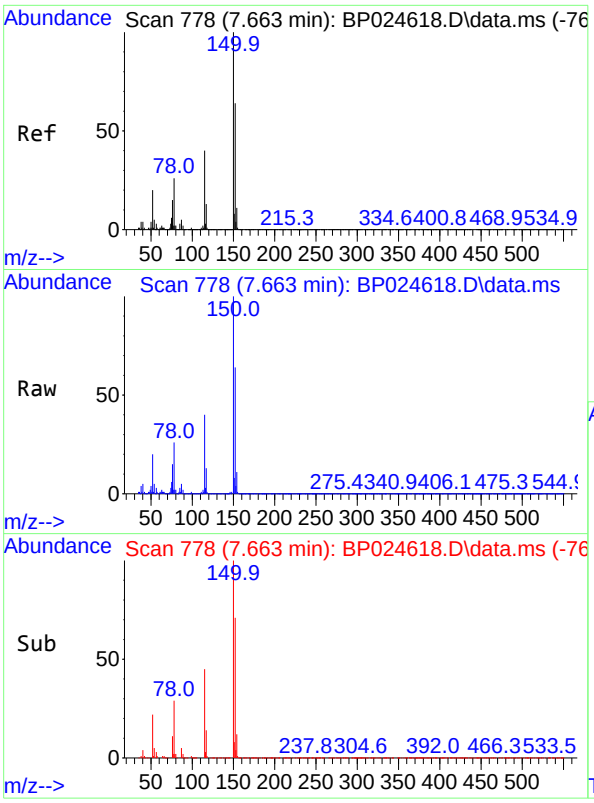
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024618.D
Acq On : 13 May 2025 13:24
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: May 13 16:06:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



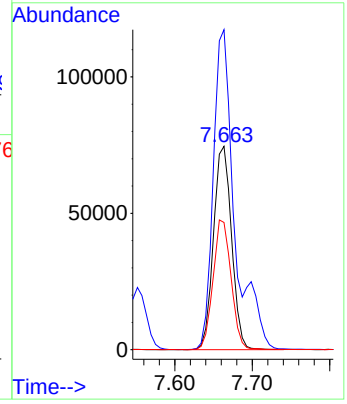


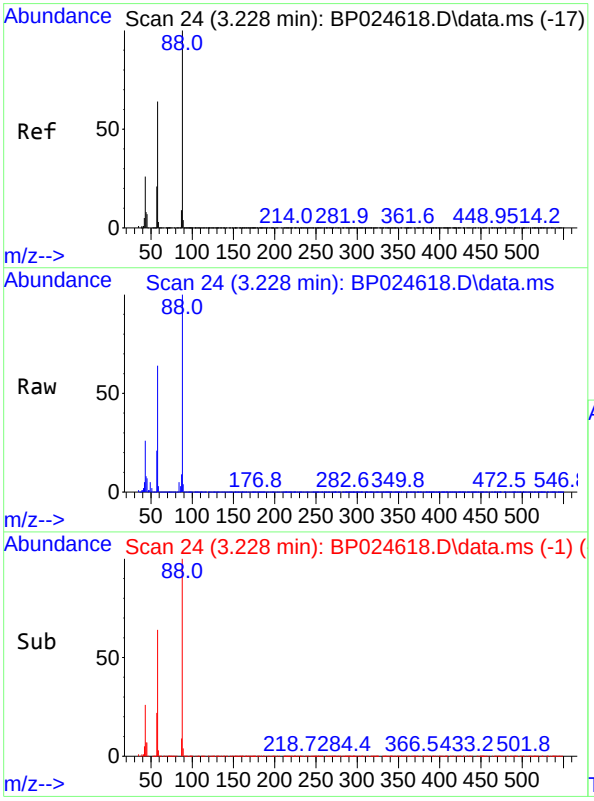
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 120950

Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.9	188.9
115	62.6	50.1	75.1

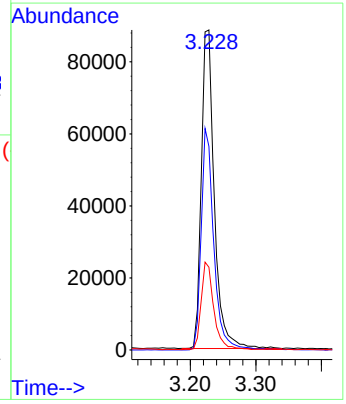


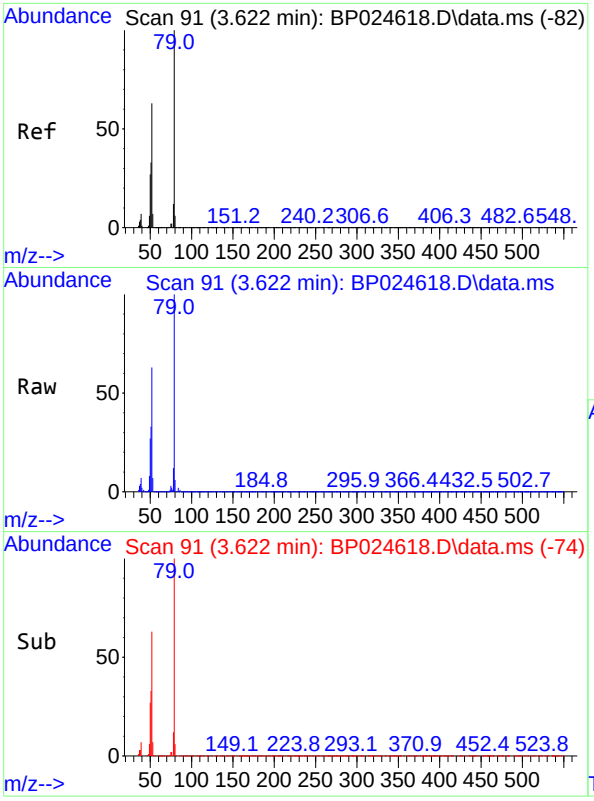


#2
1,4-Dioxane
Concen: 36.79 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 88 Resp: 122181

Ion	Ratio	Lower	Upper
88	100		
58	67.5	54.0	81.0
43	26.7	21.4	32.0



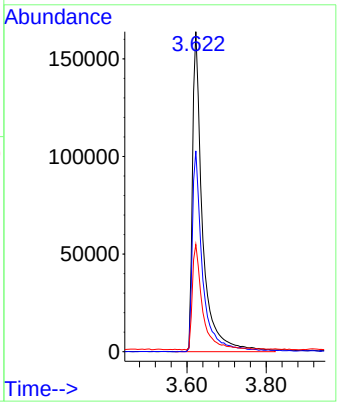


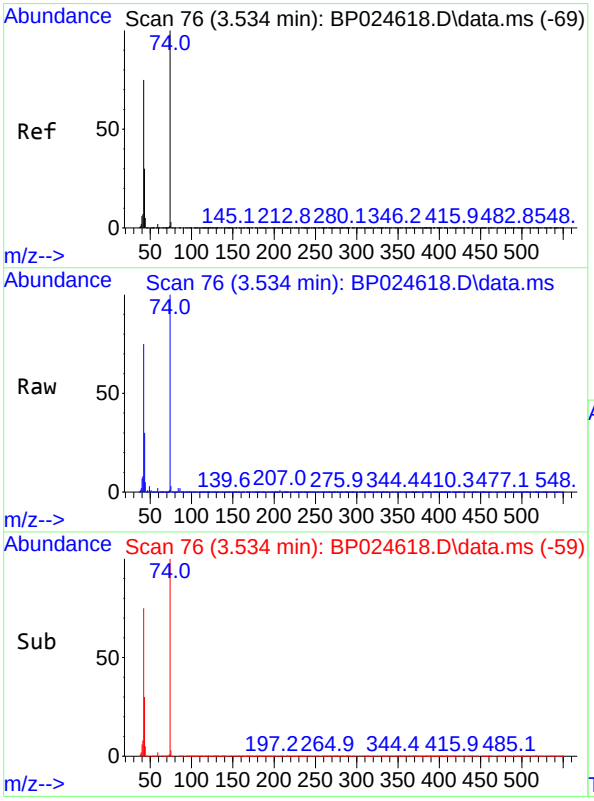
#3
Pyridine
Concen: 39.36 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 289809

Ion	Ratio	Lower	Upper
79	100		
52	62.7	50.2	75.2
51	33.5	26.8	40.2

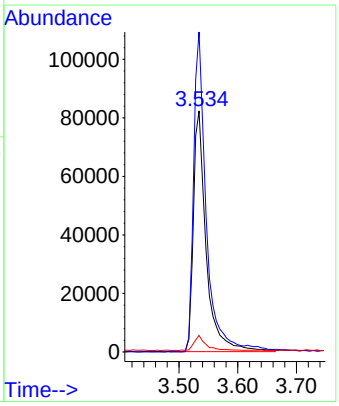


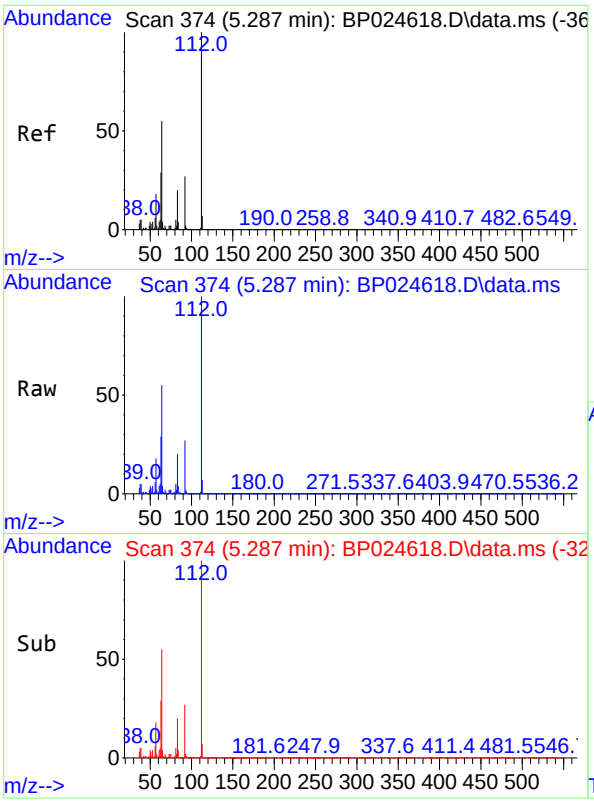


#4
n-Nitrosodimethylamine
Concen: 38.48 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 42 Resp: 125087

Ion	Ratio	Lower	Upper
42	100		
74	132.7	106.2	159.2
44	6.8	5.4	8.2



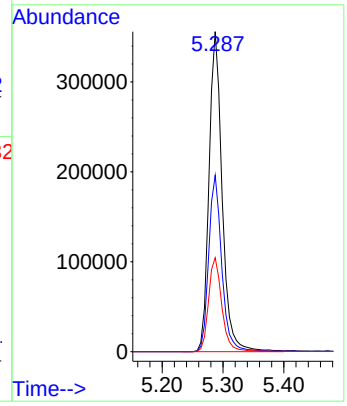


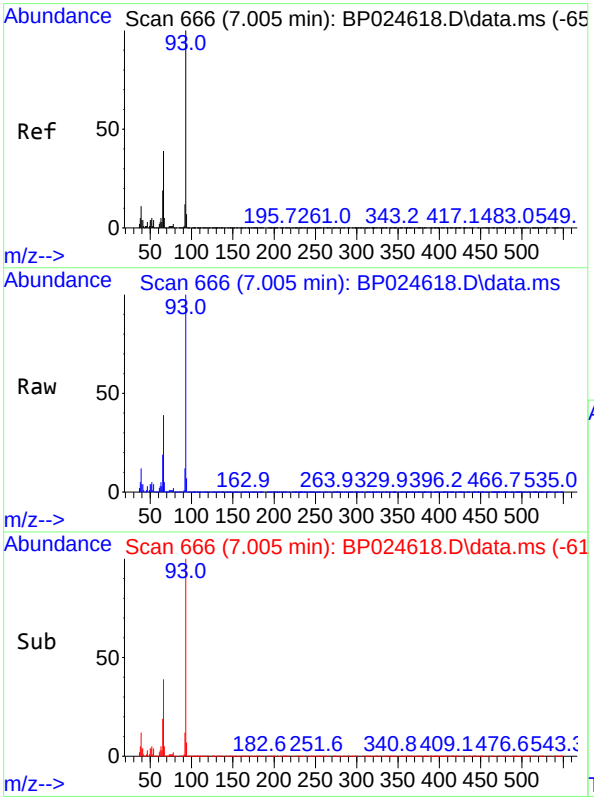
#5
2-Fluorophenol
Concen: 75.58 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 534477

Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.1	66.1
63	29.4	23.5	35.3

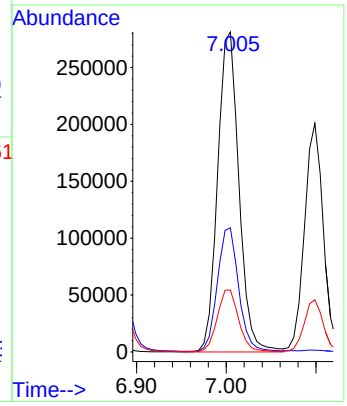


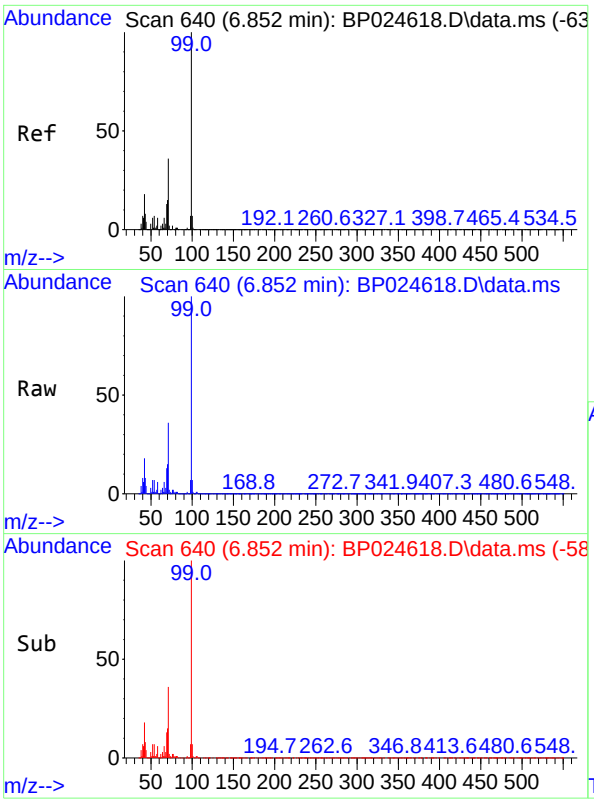


#6
Aniline
Concen: 39.79 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 93 Resp: 463675

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.0	46.6
65	19.4	15.5	23.3



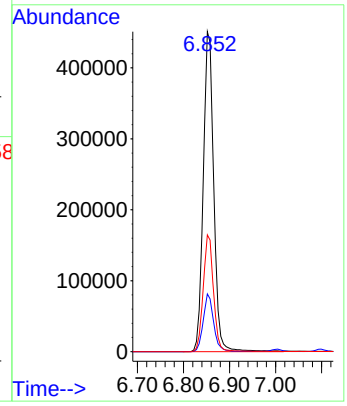


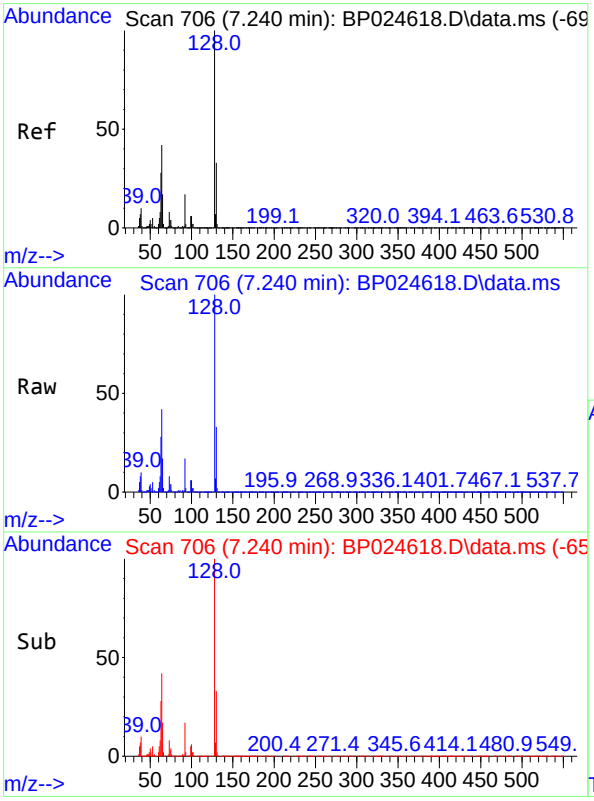
#7
Phenol-d6
Concen: 78.93 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 712342

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.4	21.6
71	36.5	29.2	43.8

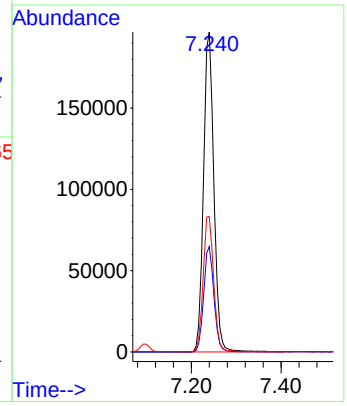


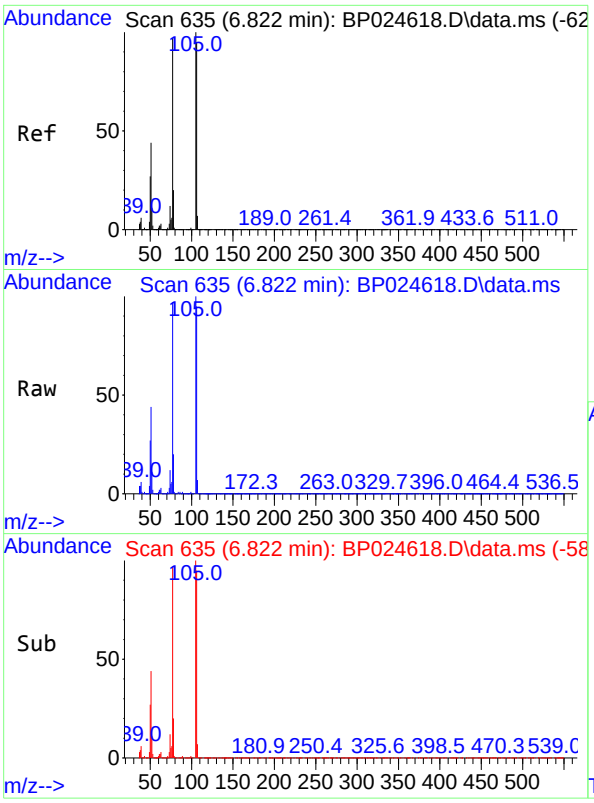


#8
2-Chlorophenol
Concen: 39.25 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:128 Resp: 315079

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	42.3	22.3	62.3



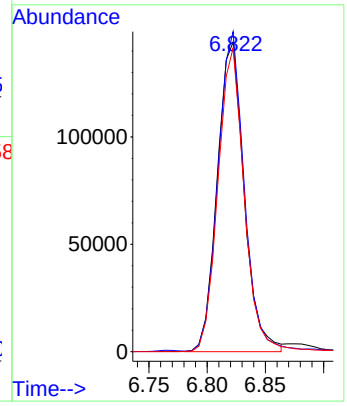


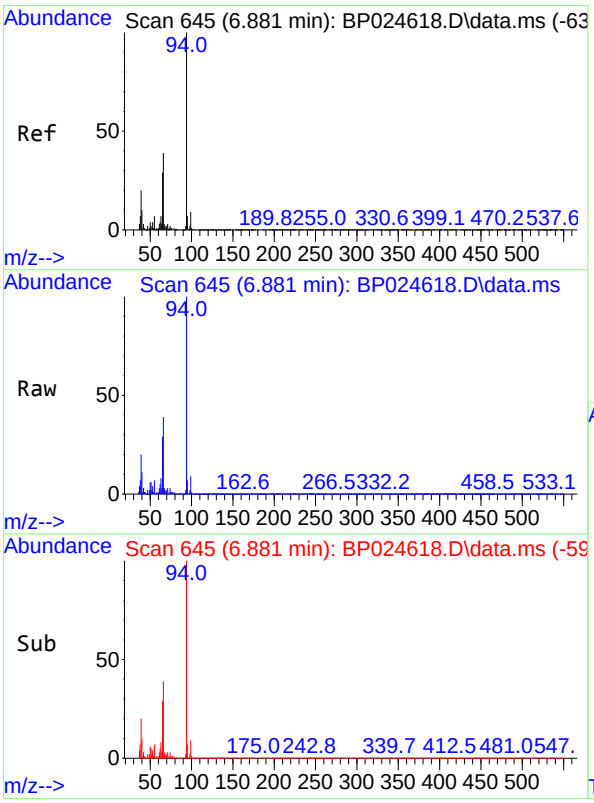
#9
Benzaldehyde
Concen: 39.62 ng m
RT: 6.822 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 231076

Ion	Ratio	Lower	Upper
77	100		
105	103.3	83.3	123.3
106	98.0	78.0	118.0

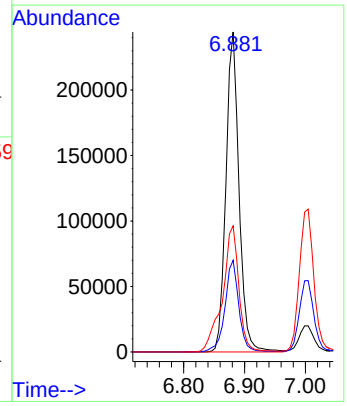


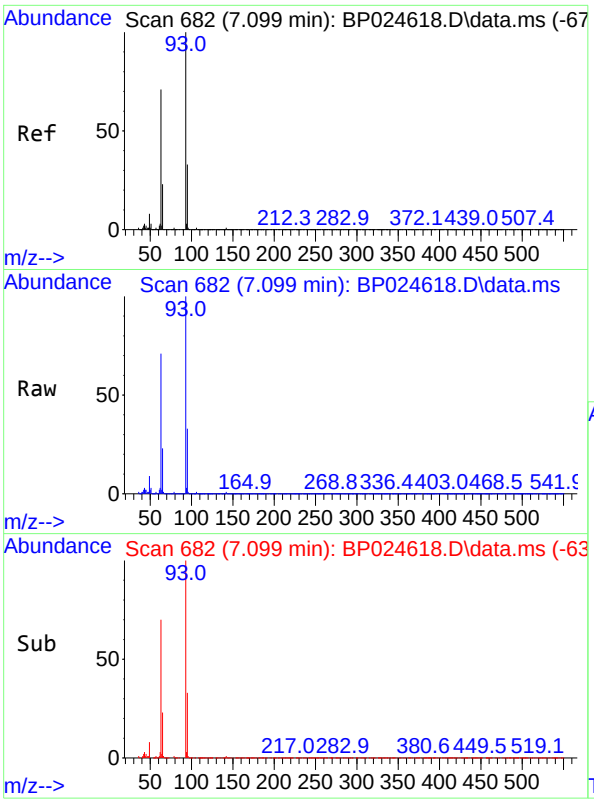


#10
Phenol
Concen: 39.18 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 94 Resp: 364948

Ion	Ratio	Lower	Upper
94	100		
65	28.7	8.7	48.7
66	39.4	19.4	59.4



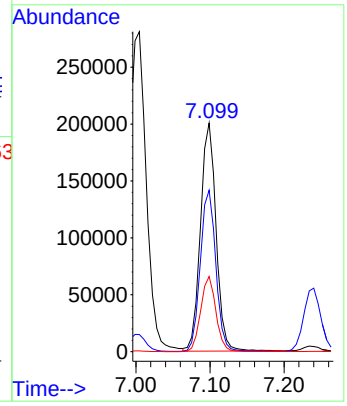


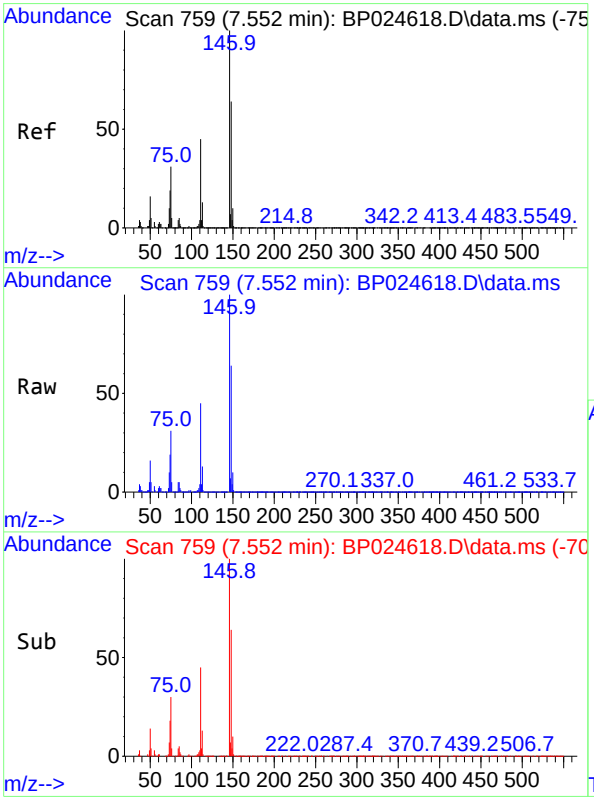
#11
bis(2-Chloroethyl)ether
Concen: 38.32 ng
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 293331

Ion	Ratio	Lower	Upper
93	100		
63	70.6	50.6	90.6
95	32.9	12.9	52.9

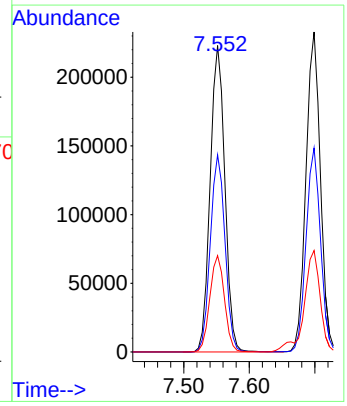


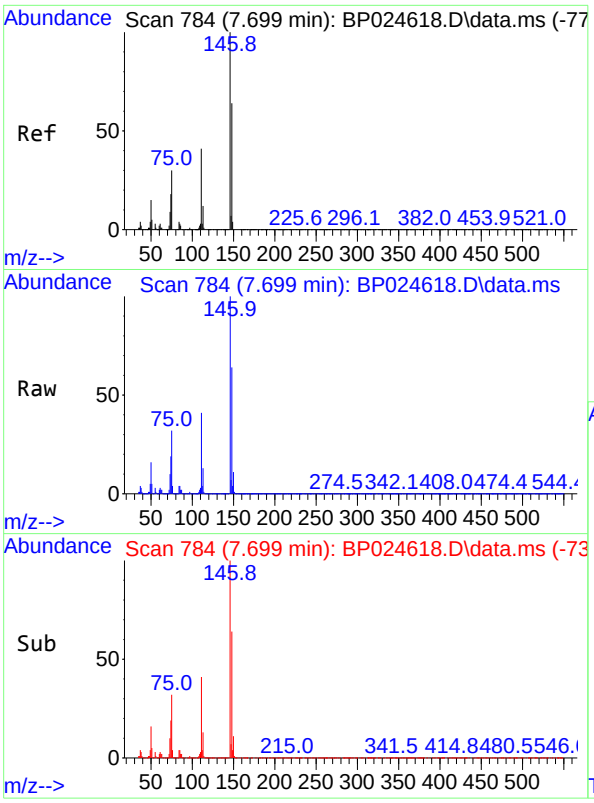


#12
1,3-Dichlorobenzene
Concen: 37.71 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:146 Resp: 348242

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
75	31.5	25.2	37.8



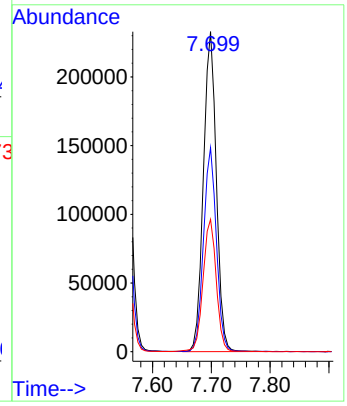


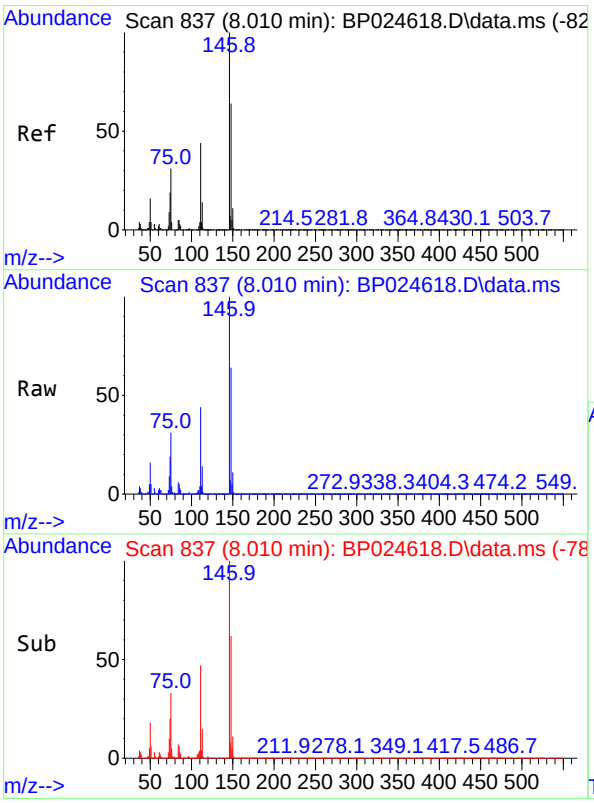
#13
1,4-Dichlorobenzene
Concen: 38.27 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 355533

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	41.3	33.0	49.6

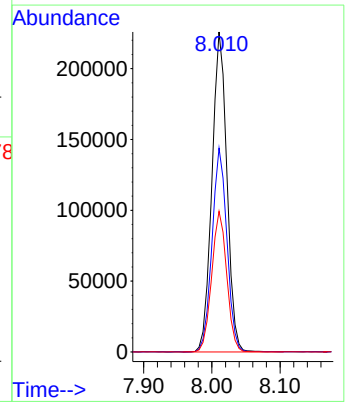


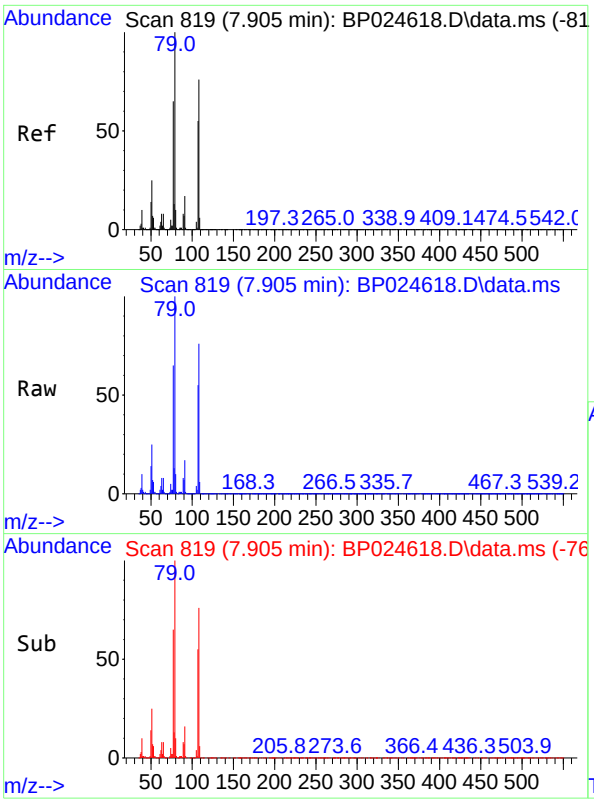


#14
1,2-Dichlorobenzene
Concen: 38.11 ng
RT: 8.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:146 Resp: 344980

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	44.0	35.2	52.8



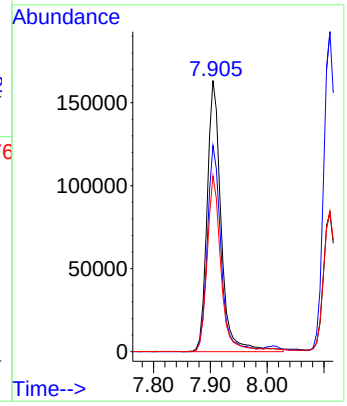


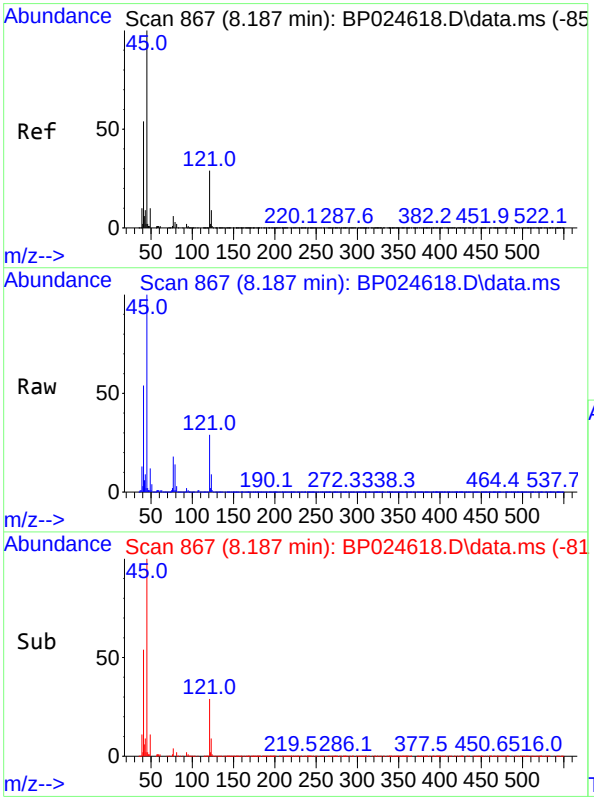
#15
Benzyl Alcohol
Concen: 40.52 ng
RT: 7.905 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 277892

Ion	Ratio	Lower	Upper
79	100		
108	76.0	60.8	91.2
77	64.9	51.9	77.9

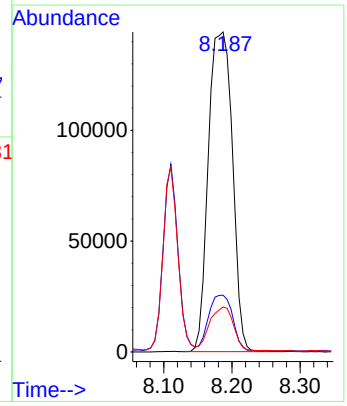


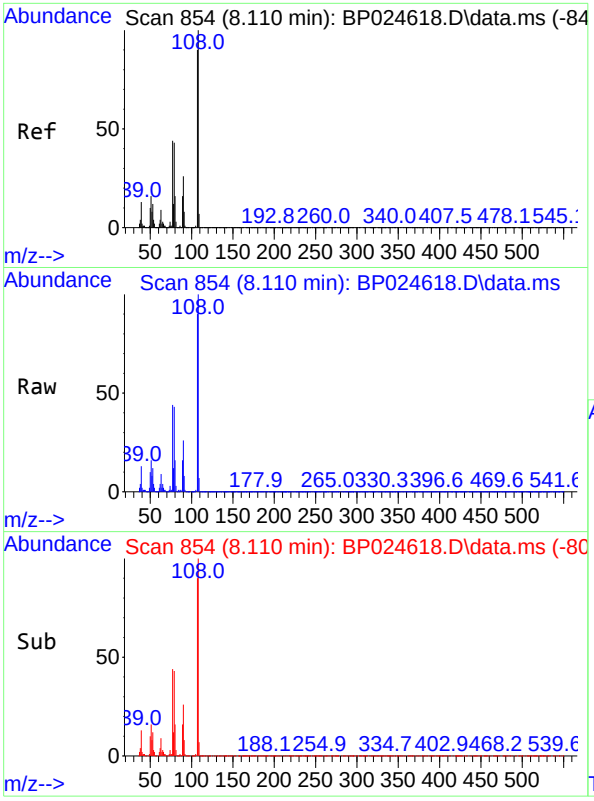


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.71 ng
RT: 8.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 45 Resp: 354872

Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	37.7
79	14.0	0.0	34.0



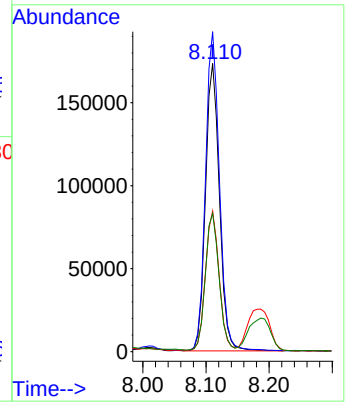


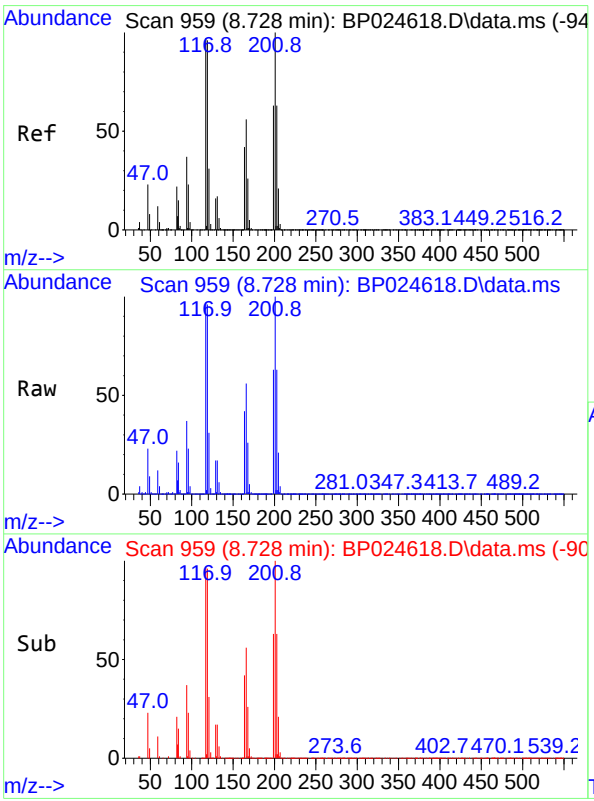
#17
2-Methylphenol
Concen: 39.81 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 265962

Ion	Ratio	Lower	Upper
107	100		
108	111.1	88.9	133.3
77	48.8	39.0	58.6
79	48.0	38.4	57.6

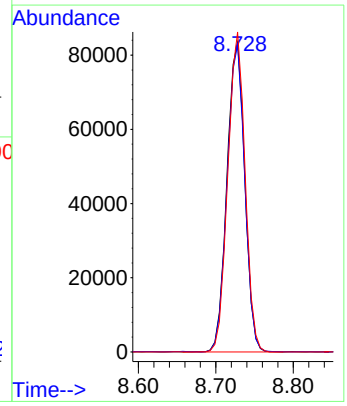


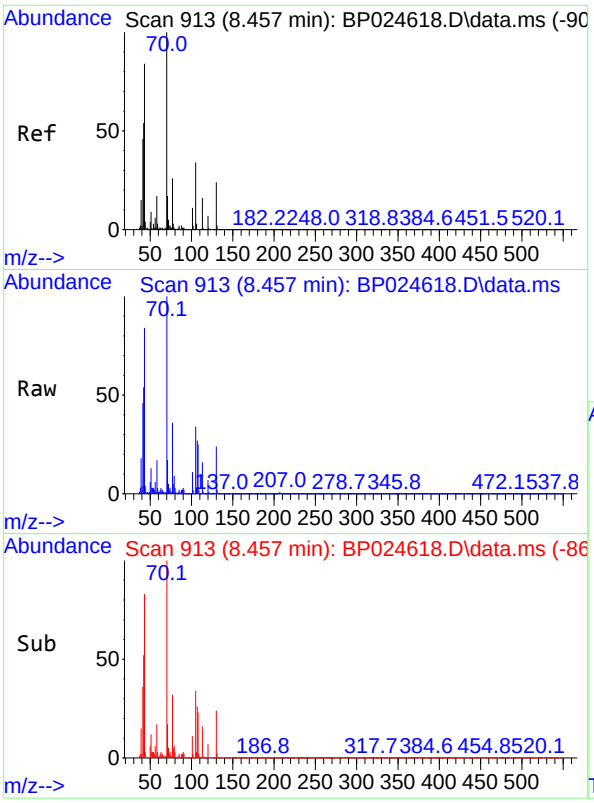


#18
Hexachloroethane
Concen: 37.43 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:117 Resp: 133224

Ion	Ratio	Lower	Upper
117	100		
119	99.2	79.4	119.0
201	103.4	82.7	124.1



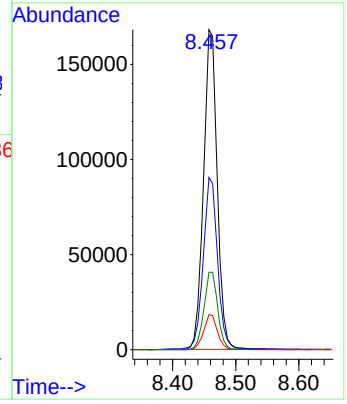


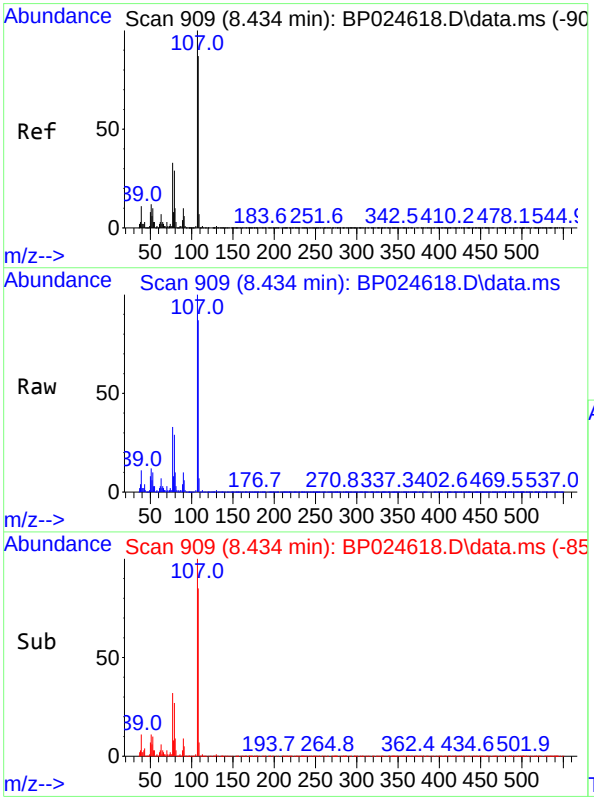
#19
n-Nitroso-di-n-propylamine
Concen: 40.61 ng
RT: 8.457 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 253553

Ion	Ratio	Lower	Upper
70	100		
42	53.8	43.0	64.6
101	10.9	8.7	13.1
130	24.2	19.4	29.0

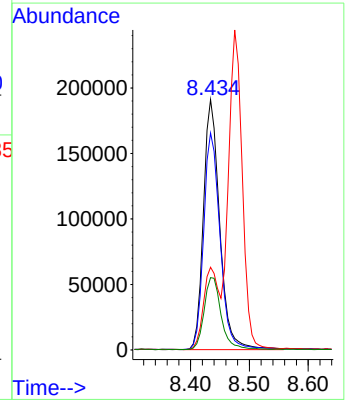


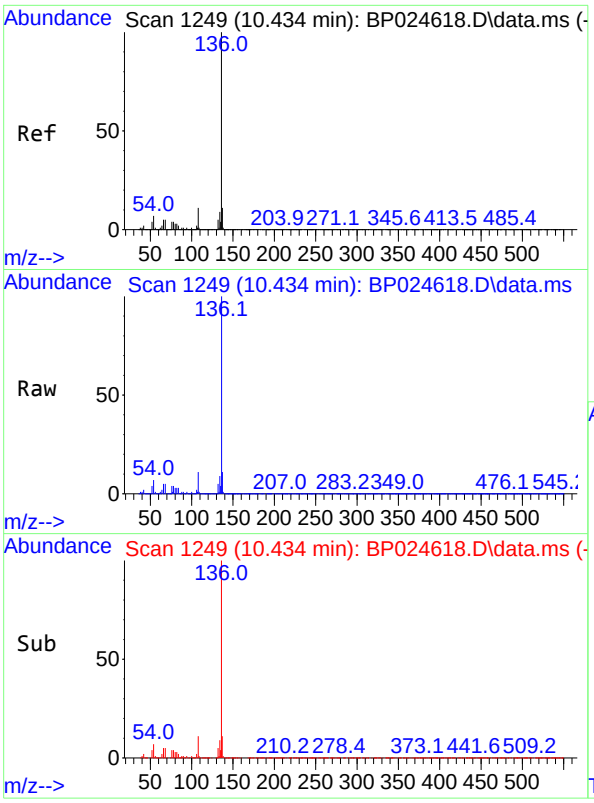


#20
3+4-Methylphenols
Concen: 40.33 ng
RT: 8.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:107 Resp: 366564

Ion	Ratio	Lower	Upper
107	100		
108	86.7	66.7	106.7
77	33.1	13.1	53.1
79	28.9	8.9	48.9



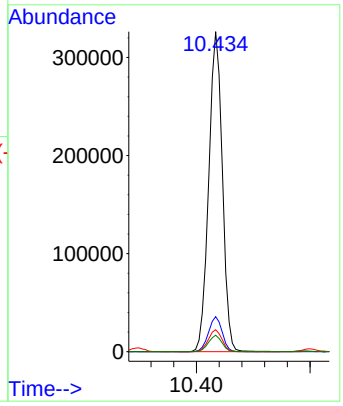


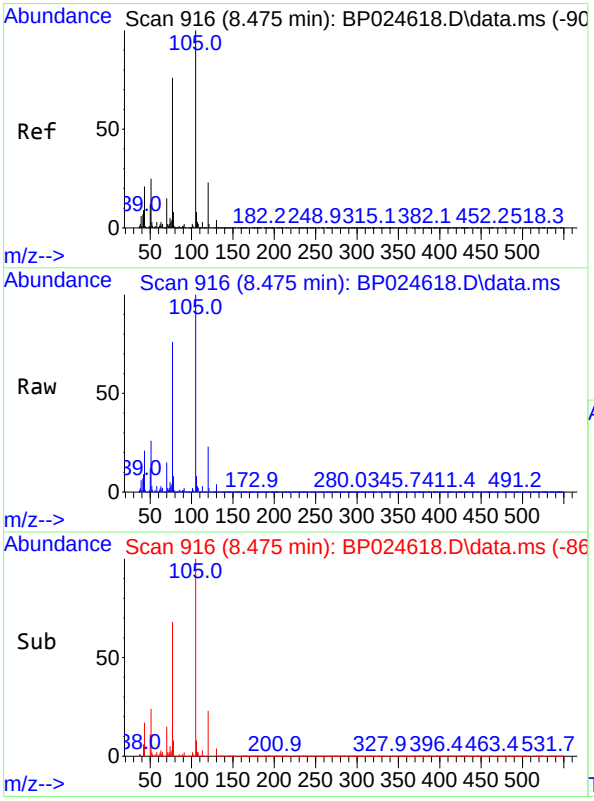
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 540452

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.5	8.3
68	5.2	4.2	6.2

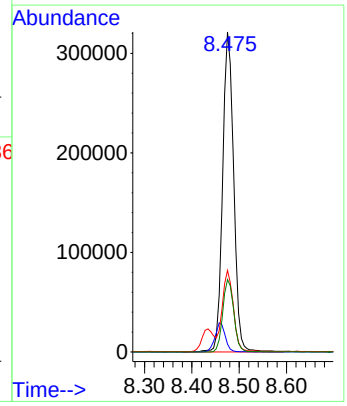


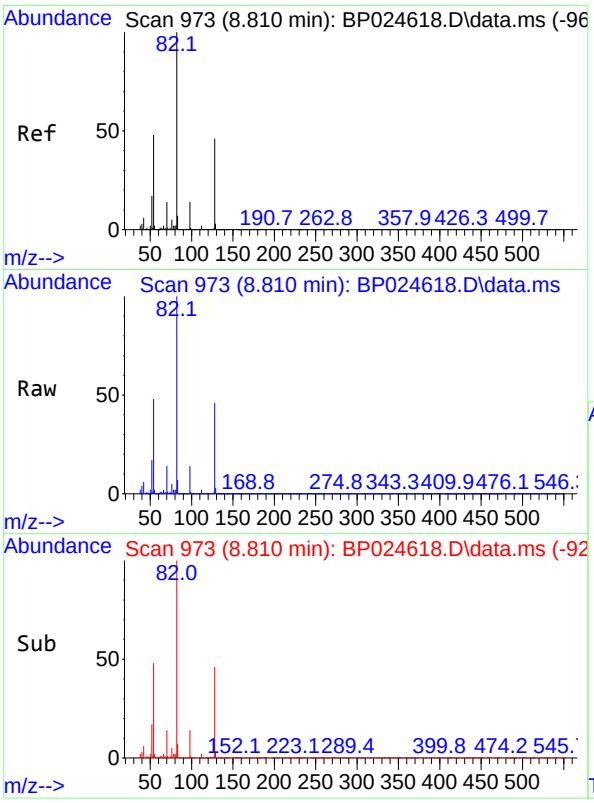


#22
Acetophenone
Concen: 38.64 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:105 Resp: 521603

Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.0	3.0
51	25.5	20.4	30.6
120	22.6	18.1	27.1



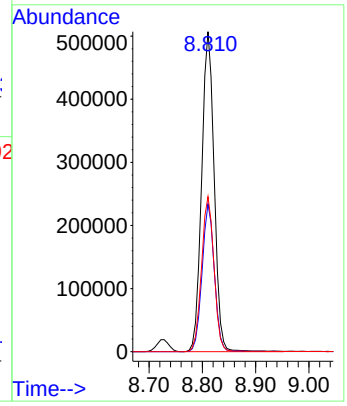


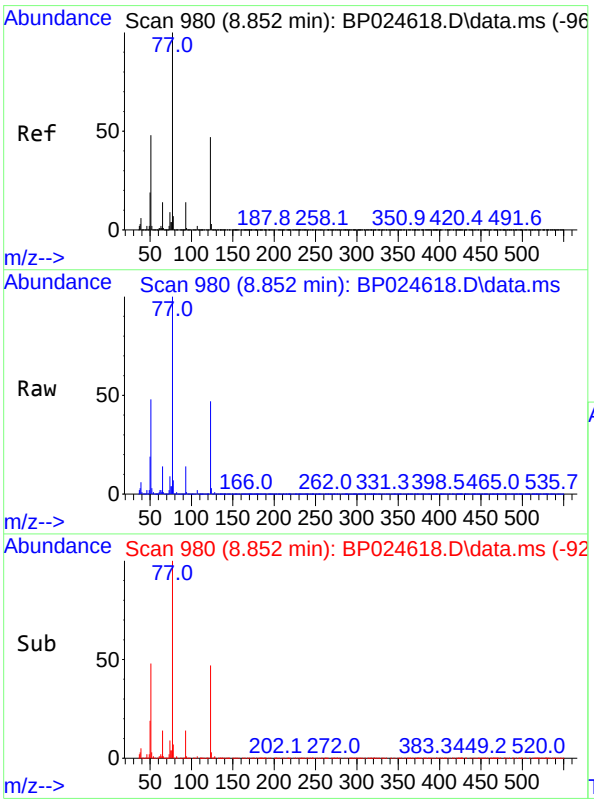
#23
Nitrobenzene-d5
Concen: 77.28 ng
RT: 8.810 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 826567

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.0	55.4
54	48.4	38.7	58.1

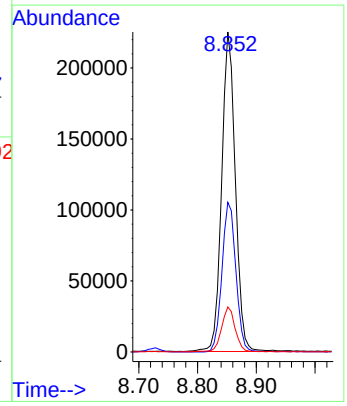


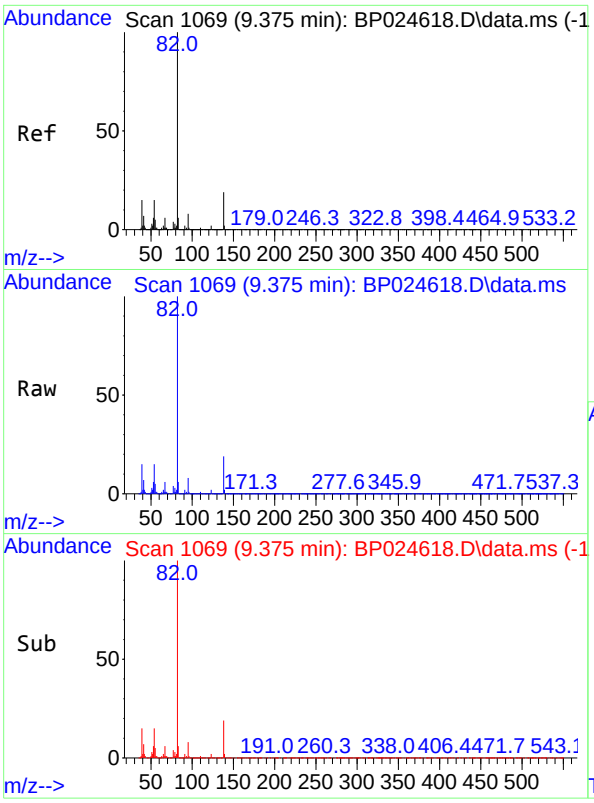


#24
Nitrobenzene
Concen: 38.65 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 77 Resp: 363767

Ion	Ratio	Lower	Upper
77	100		
123	46.7	37.4	56.0
65	14.1	11.3	16.9



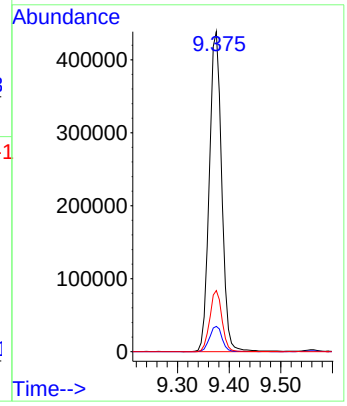


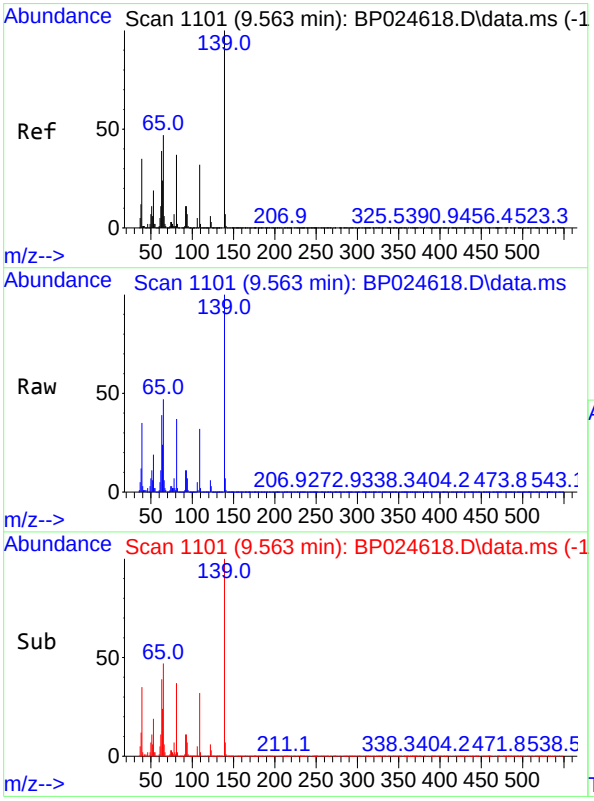
#25
Isophorone
Concen: 39.19 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 727081

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.3	9.5
138	19.1	15.3	22.9

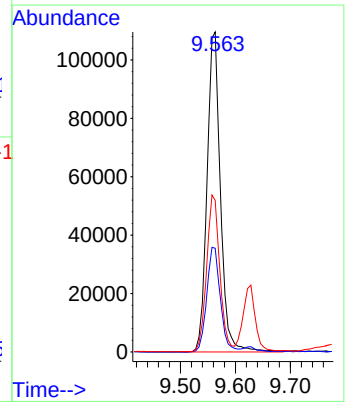


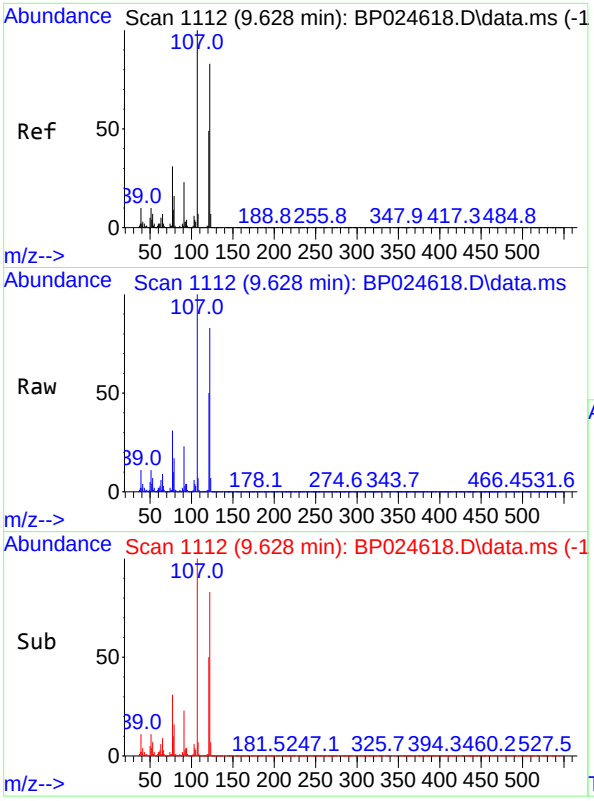


#26
2-Nitrophenol
Concen: 40.24 ng
RT: 9.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:139 Resp: 185587

Ion	Ratio	Lower	Upper
139	100		
109	32.4	25.9	38.9
65	47.4	37.9	56.9



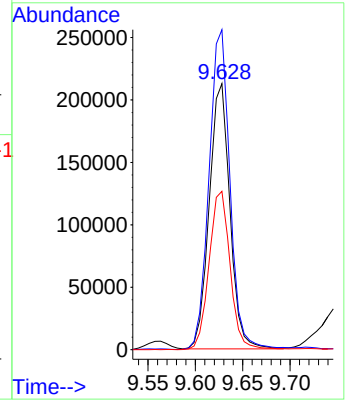


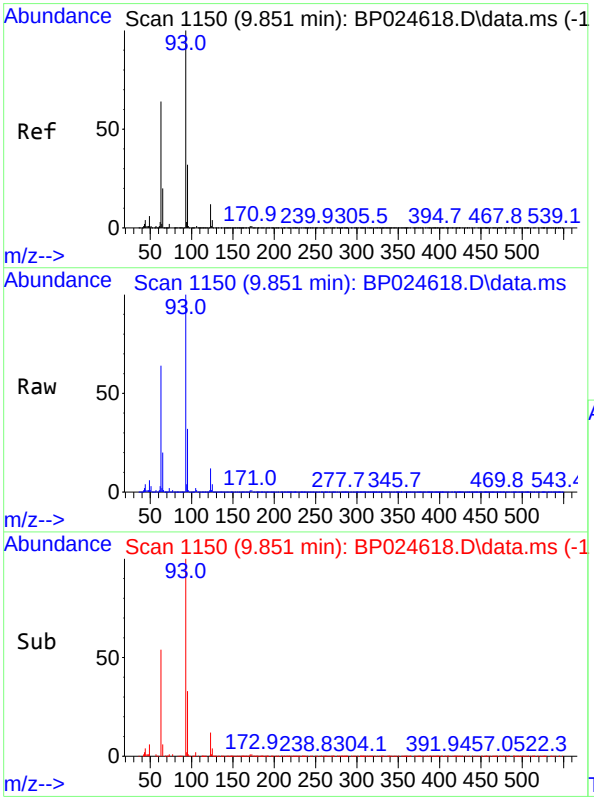
#27
2,4-Dimethylphenol
Concen: 39.62 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 322227

Ion	Ratio	Lower	Upper
122	100		
107	120.2	96.2	144.2
121	59.5	47.6	71.4

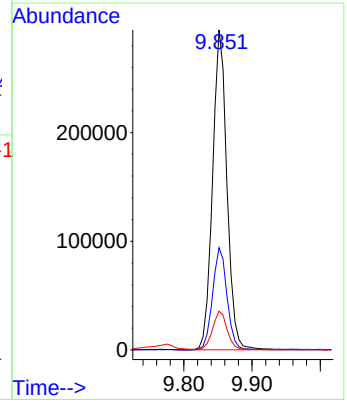


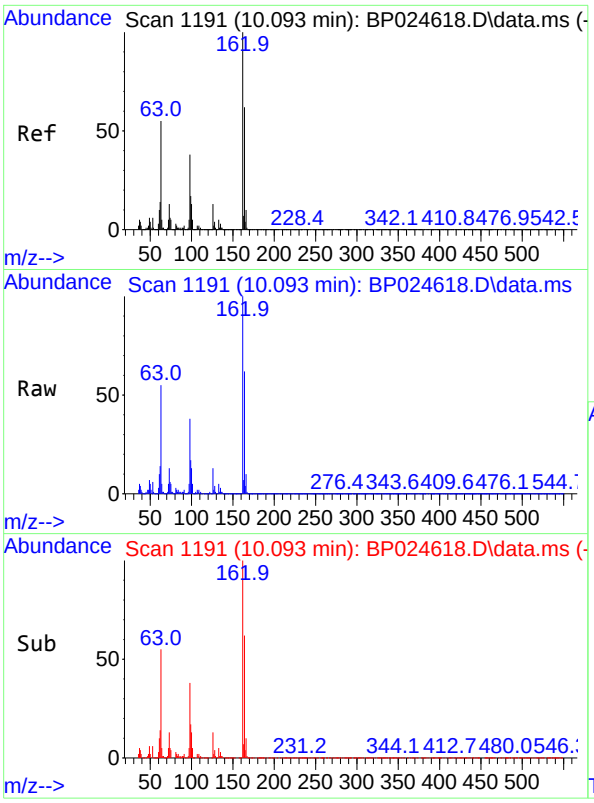


#28
bis(2-Chloroethoxy)methane
Concen: 38.88 ng
RT: 9.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 93 Resp: 430958

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	12.1	9.7	14.5



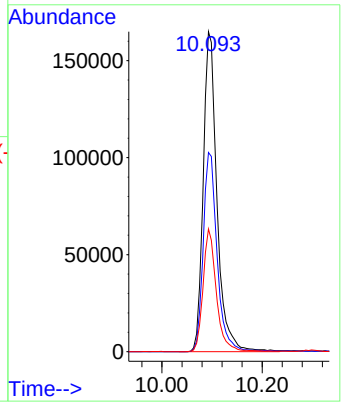


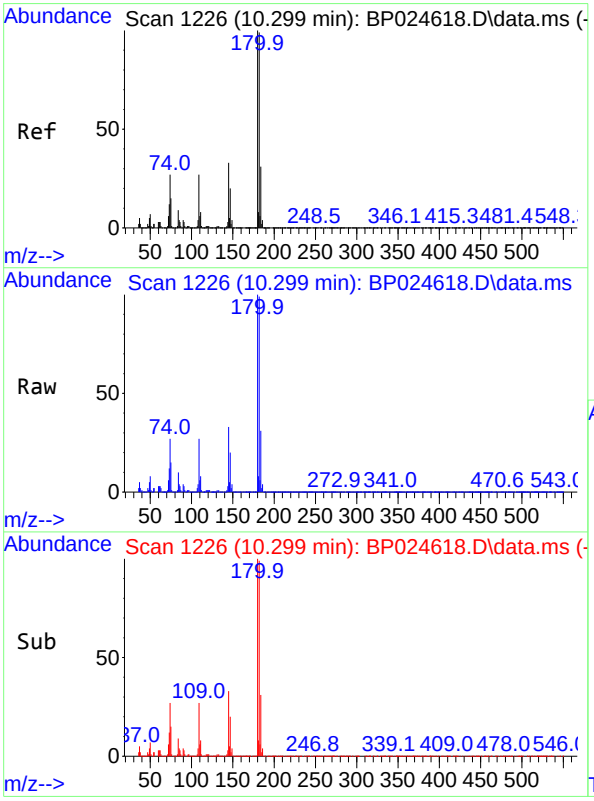
#29
2,4-Dichlorophenol
Concen: 39.95 ng
RT: 10.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 314830

Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.3	82.3
98	38.4	18.4	58.4

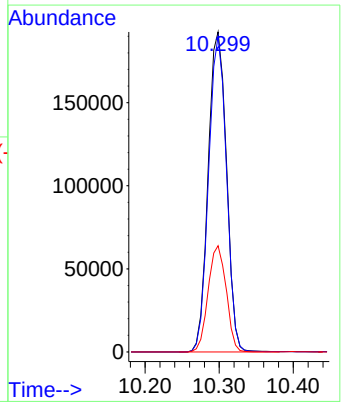


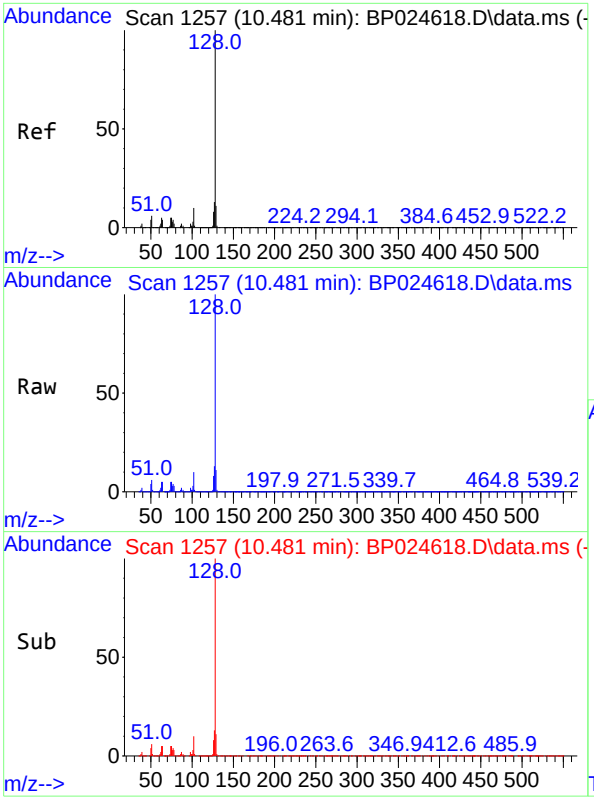


#30
1,2,4-Trichlorobenzene
Concen: 37.23 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:180 Resp: 330659

Ion	Ratio	Lower	Upper
180	100		
182	98.7	79.0	118.4
145	33.2	26.6	39.8



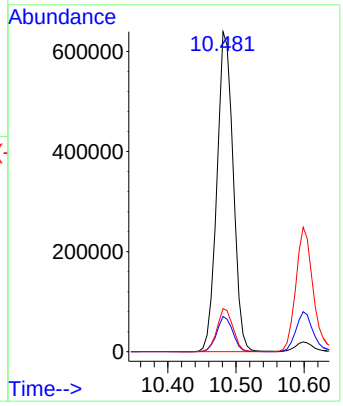


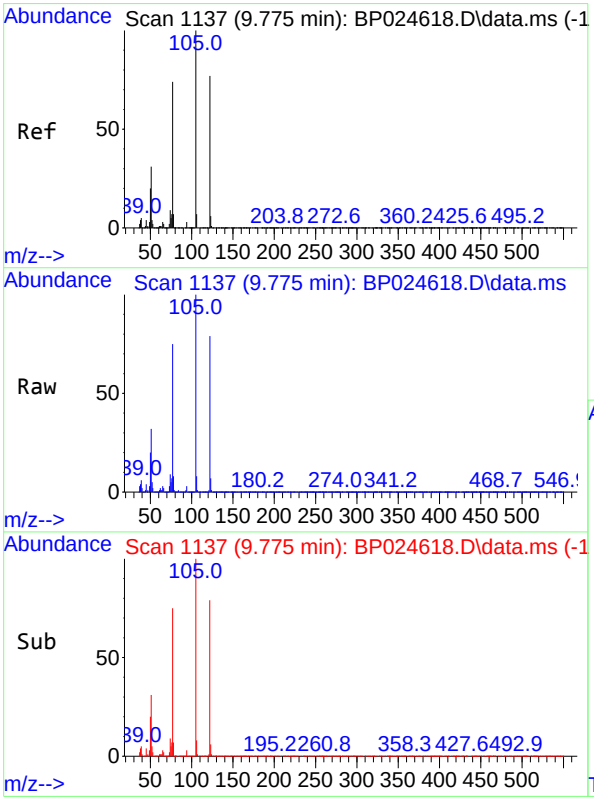
#31
Naphthalene
Concen: 37.82 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1059316

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.4	10.7	16.1

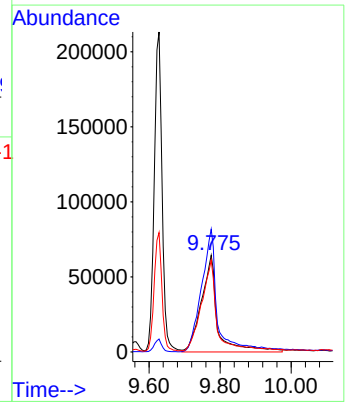


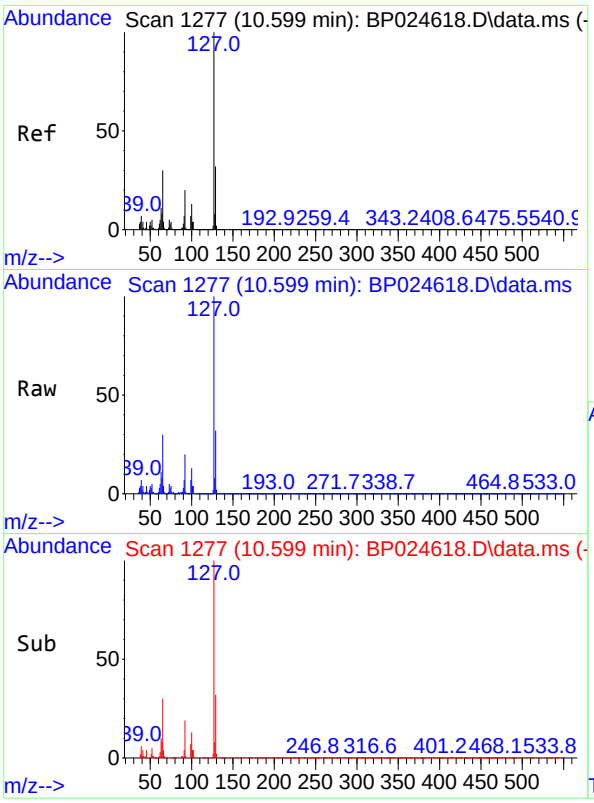


#32
Benzoic acid
Concen: 38.01 ng m
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:122 Resp: 206829

Ion	Ratio	Lower	Upper
122	100		
105	126.9	106.9	146.9
77	95.1	75.1	115.1



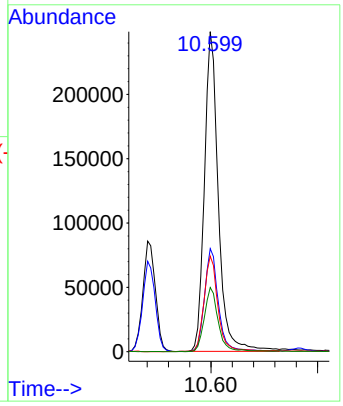


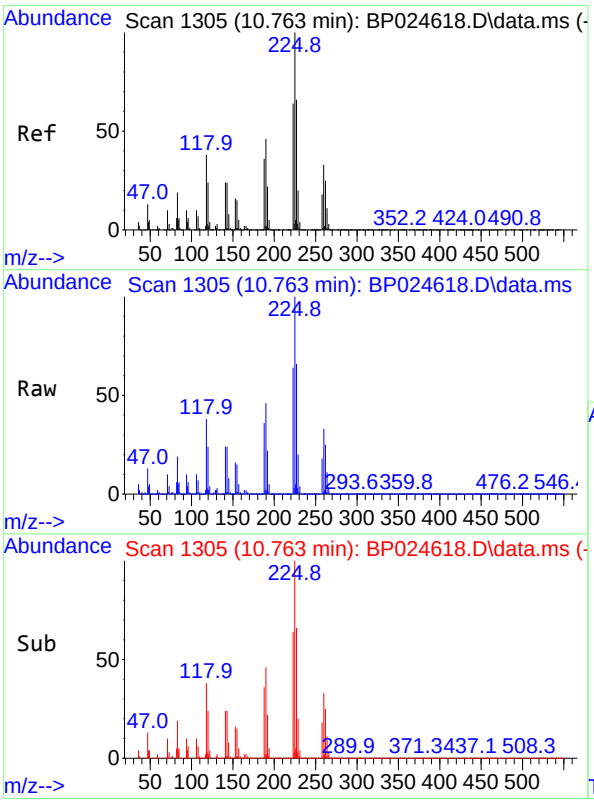
#33
4-Chloroaniline
Concen: 40.01 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 452150

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	29.9	23.9	35.9
92	20.1	16.1	24.1

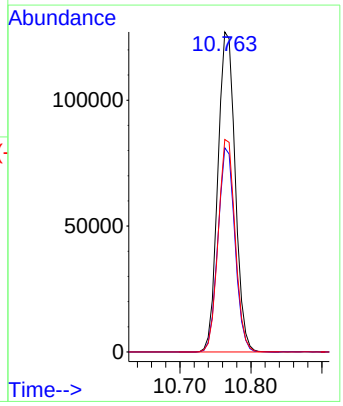


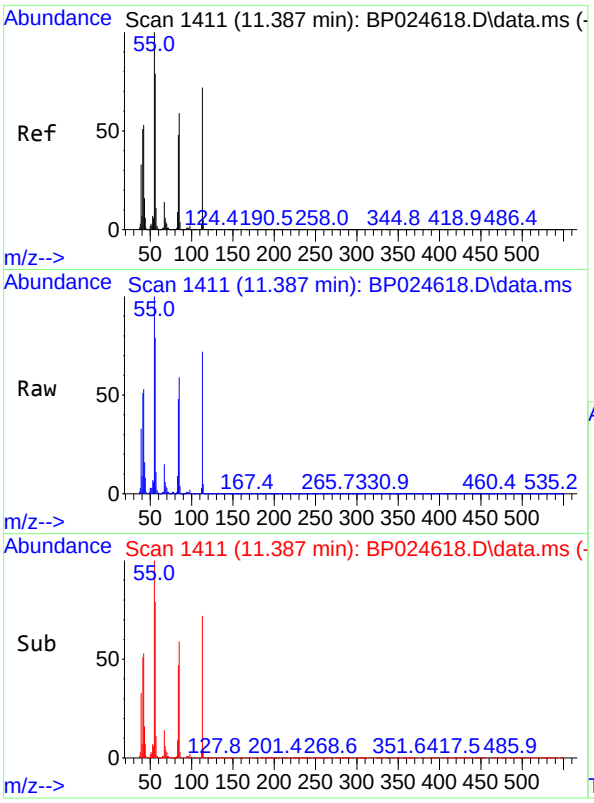


#34
Hexachlorobutadiene
Concen: 37.19 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:225 Resp: 213978

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	66.4	53.1	79.7



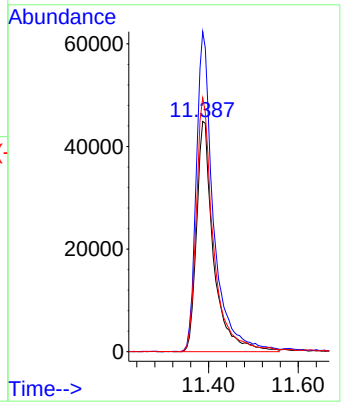


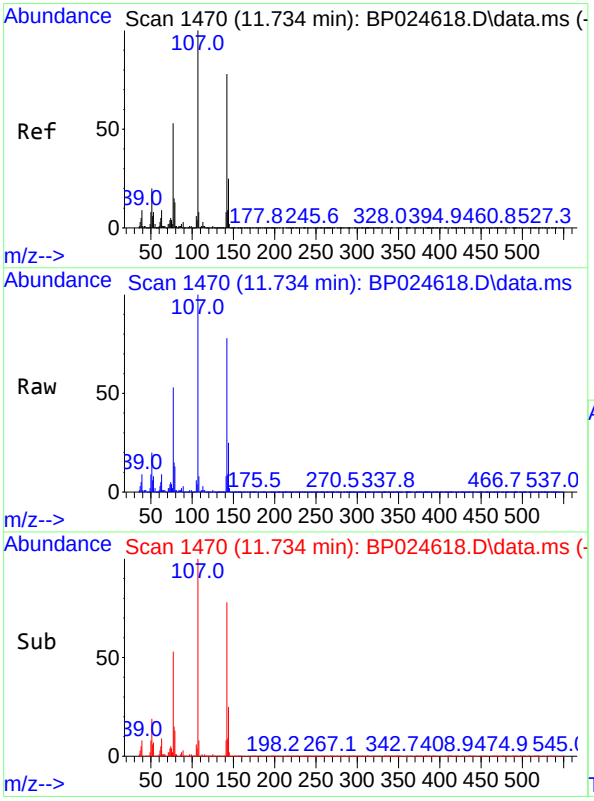
#35
Caprolactam
Concen: 41.43 ng
RT: 11.387 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 118047

Ion	Ratio	Lower	Upper
113	100		
55	139.0	119.0	159.0
56	110.3	90.3	130.3

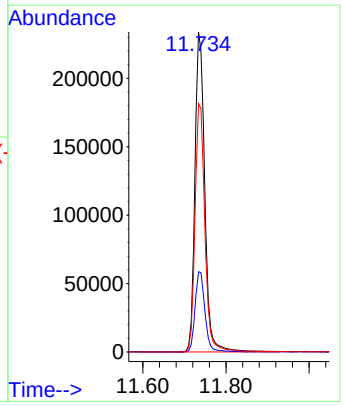


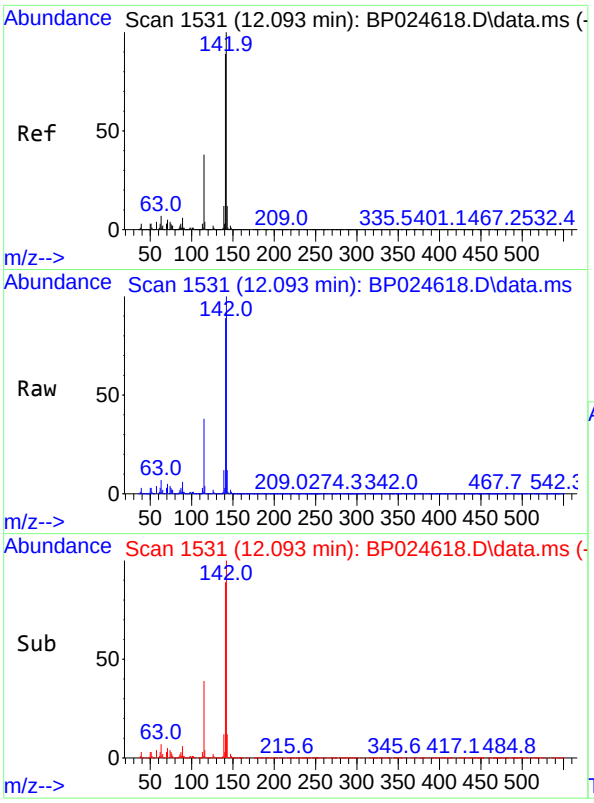


#36
4-Chloro-3-methylphenol
Concen: 40.07 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:107 Resp: 385077

Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.1	30.1
142	77.6	62.1	93.1



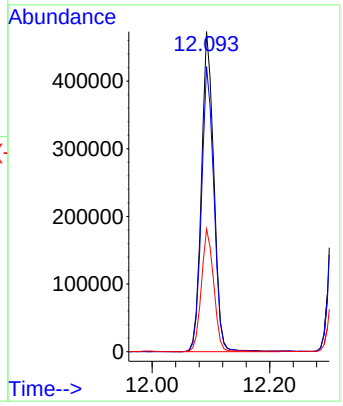


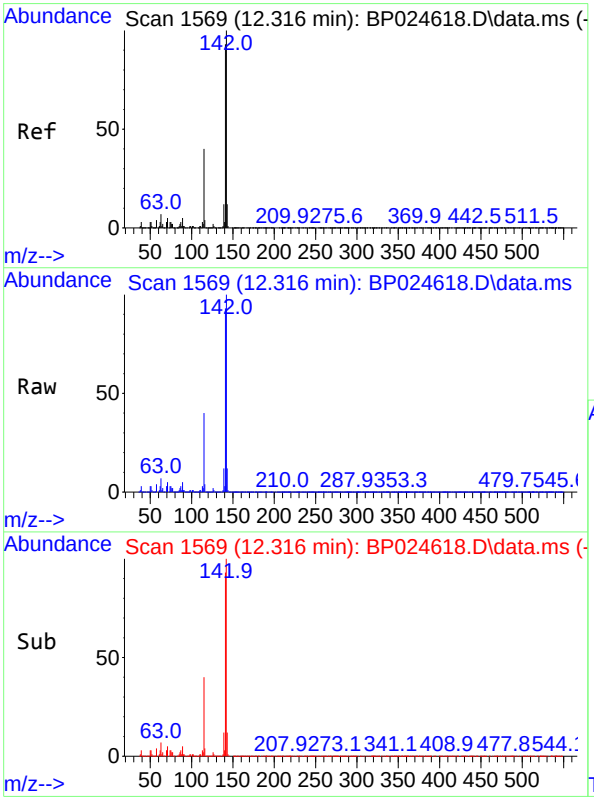
#37
2-Methylnaphthalene
Concen: 38.17 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 692133

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8
115	38.3	30.6	46.0

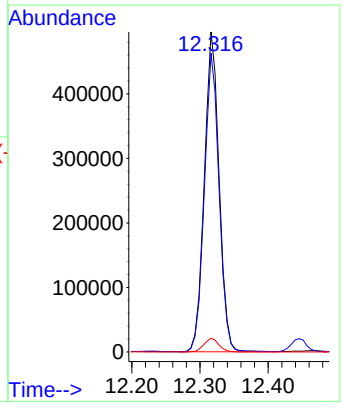


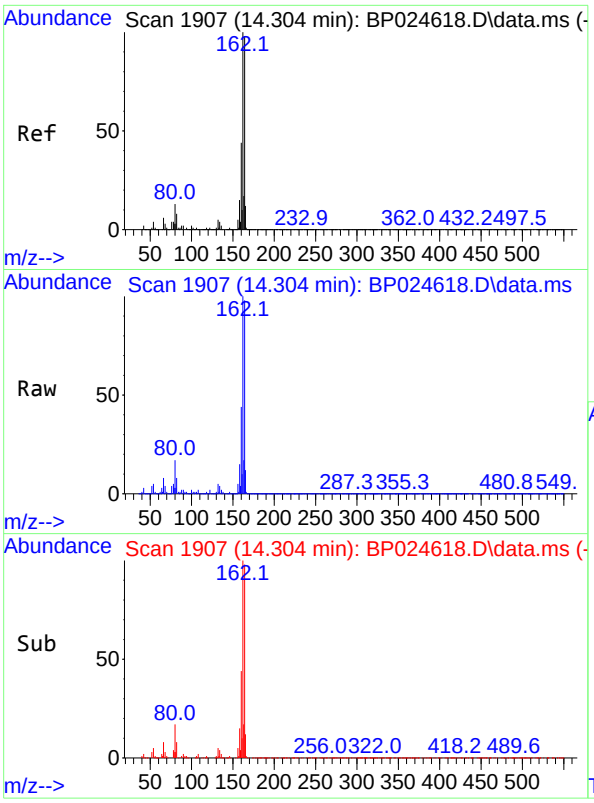


#38
1-Methylnaphthalene
Concen: 38.44 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:142 Resp: 745849

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.7	112.1
116	4.3	3.4	5.2



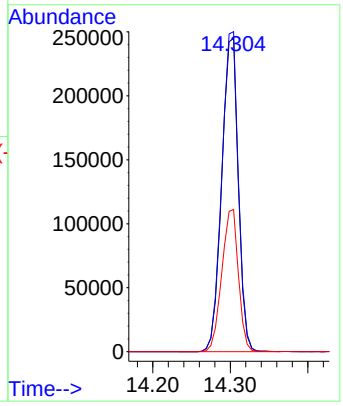


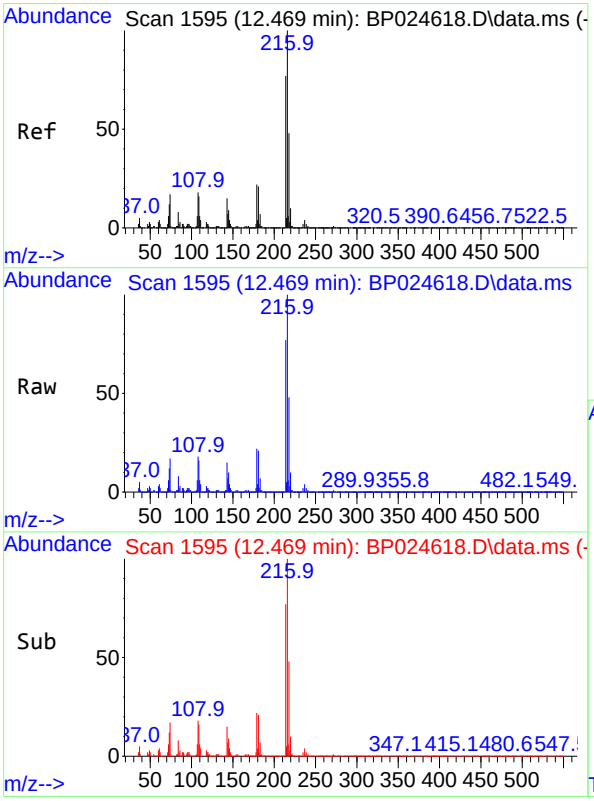
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 362458

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.6
160	45.4	36.3	54.5

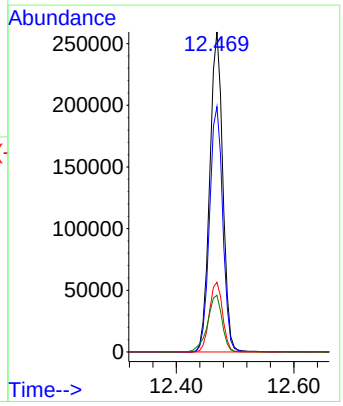


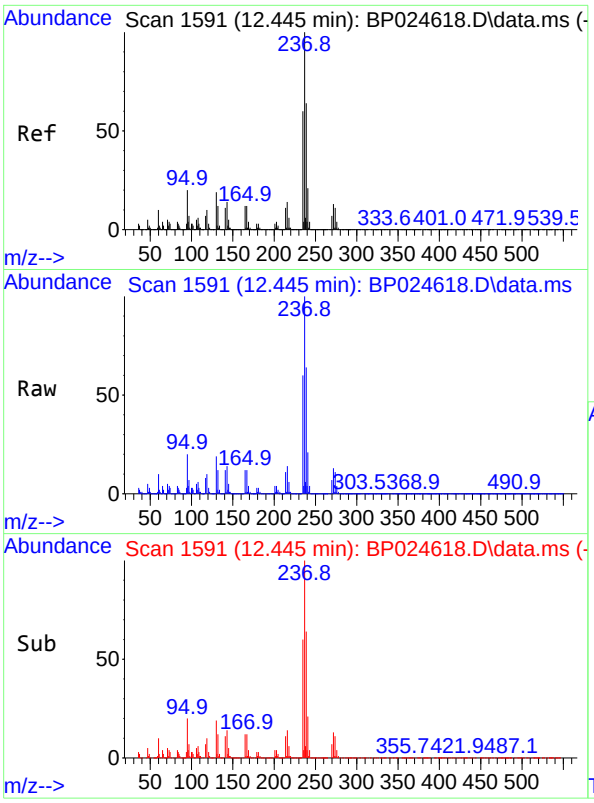


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.84 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:216 Resp: 398230

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.3	93.5
179	22.1	17.7	26.5
108	20.0	16.0	24.0



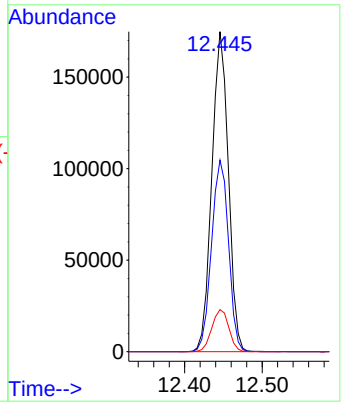


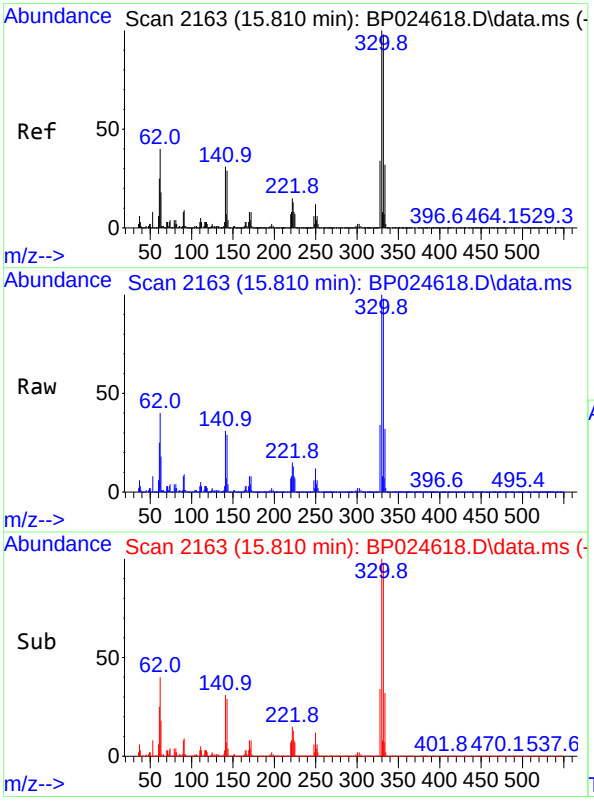
#41
Hexachlorocyclopentadiene
Concen: 40.48 ng
RT: 12.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 258329

Ion	Ratio	Lower	Upper
237	100		
235	59.9	39.9	79.9
272	13.2	0.0	33.2

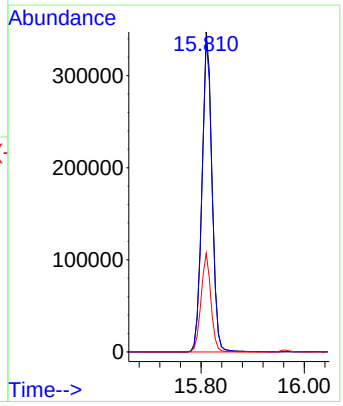


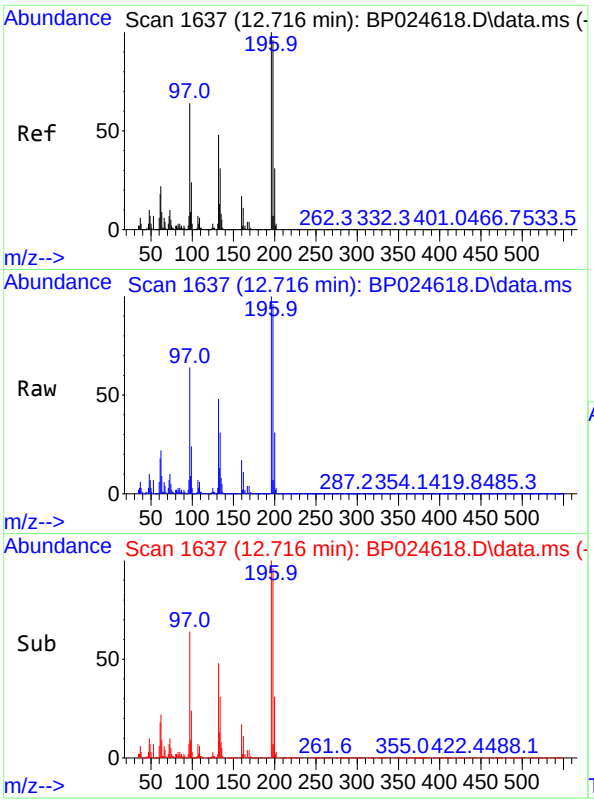


#42
2,4,6-Tribromophenol
Concen: 76.13 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:330 Resp: 467808

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.2	117.4
141	30.4	24.3	36.5



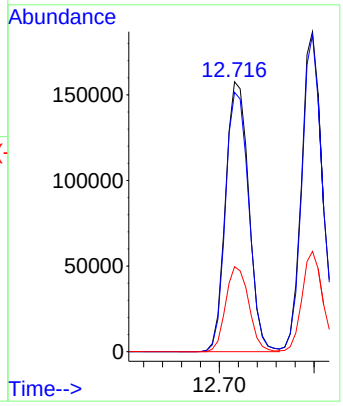


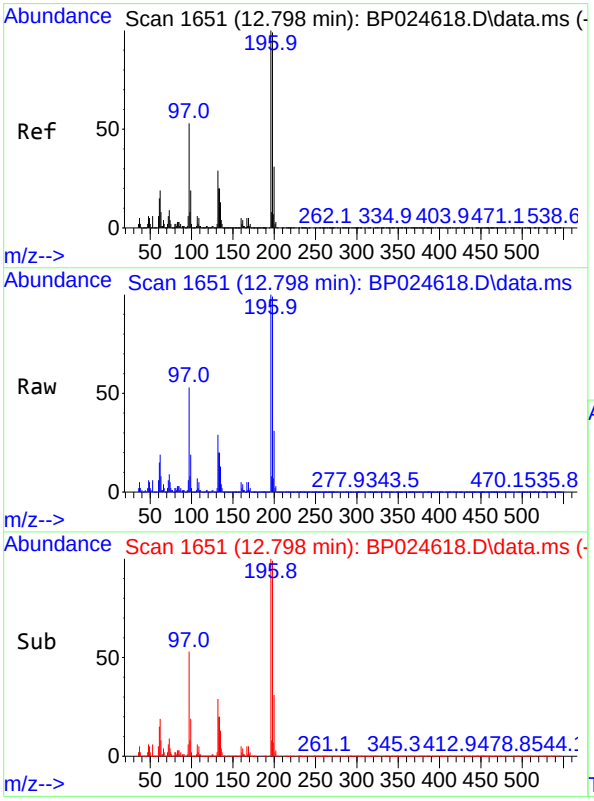
#43
2,4,6-Trichlorophenol
Concen: 39.41 ng
RT: 12.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 268675

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.9	115.3
200	31.5	25.2	37.8

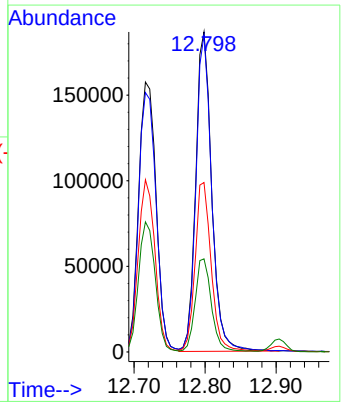


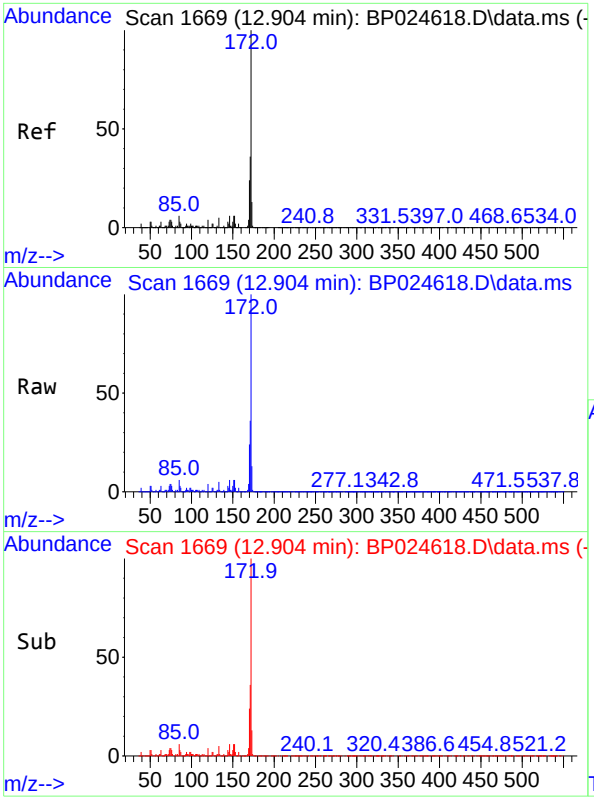


#44
2,4,5-Trichlorophenol
Concen: 38.62 ng
RT: 12.798 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:196 Resp: 293079

Ion	Ratio	Lower	Upper
196	100		
198	99.0	79.2	118.8
97	52.9	42.3	63.5
132	29.1	23.3	34.9



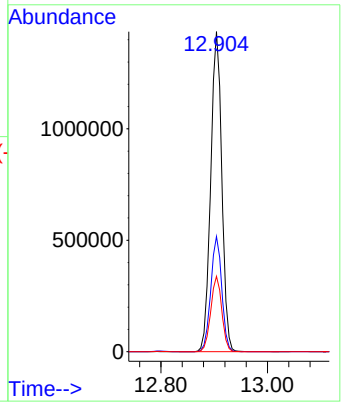


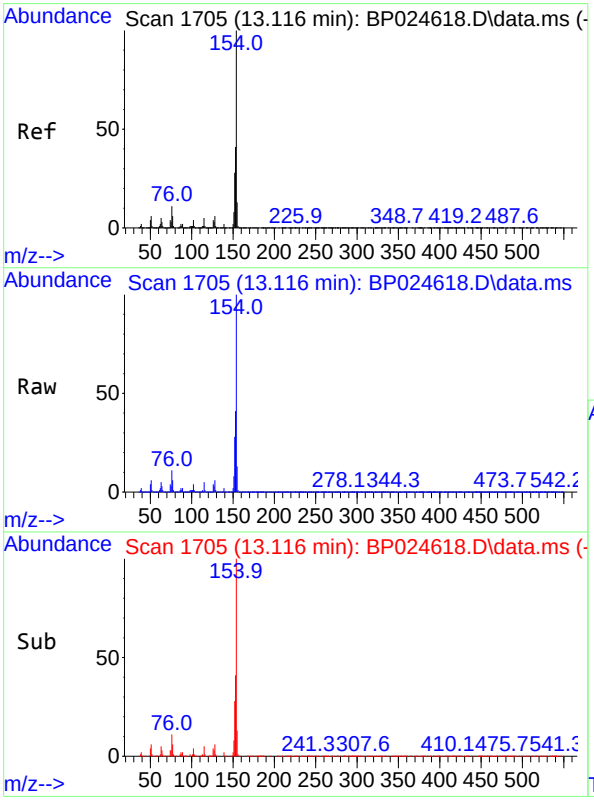
#45
2-Fluorobiphenyl
Concen: 75.05 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 2076354

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.5	18.8	28.2

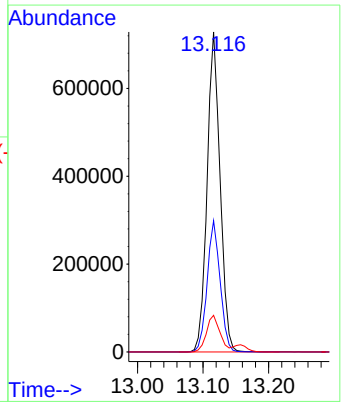


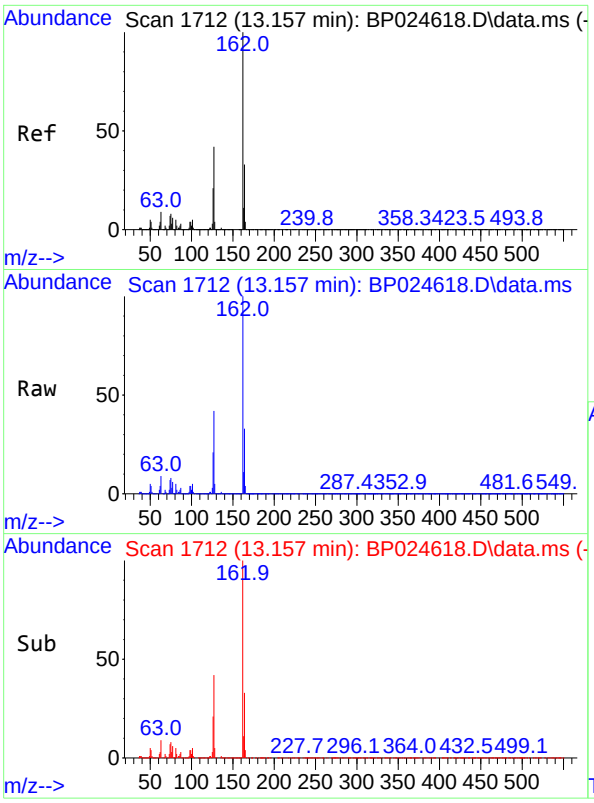


#46
1,1'-Biphenyl
Concen: 37.42 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:154 Resp: 1002344

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.0	61.0
76	11.5	0.0	31.5



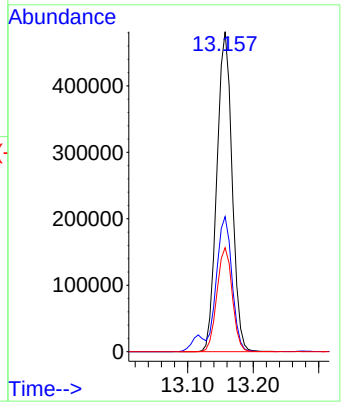


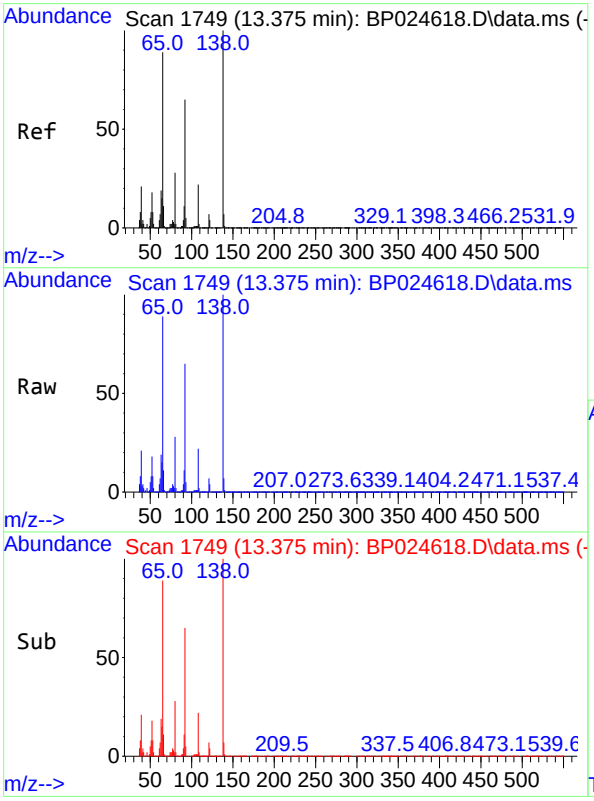
#47
2-Chloronaphthalene
Concen: 37.79 ng
RT: 13.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 771952

Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.8	50.6
164	32.5	26.0	39.0

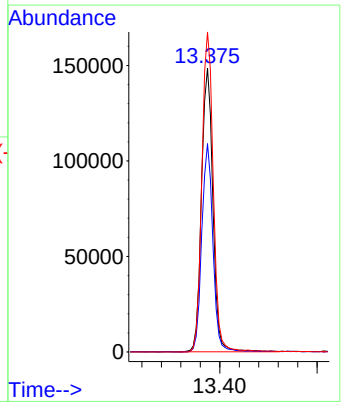


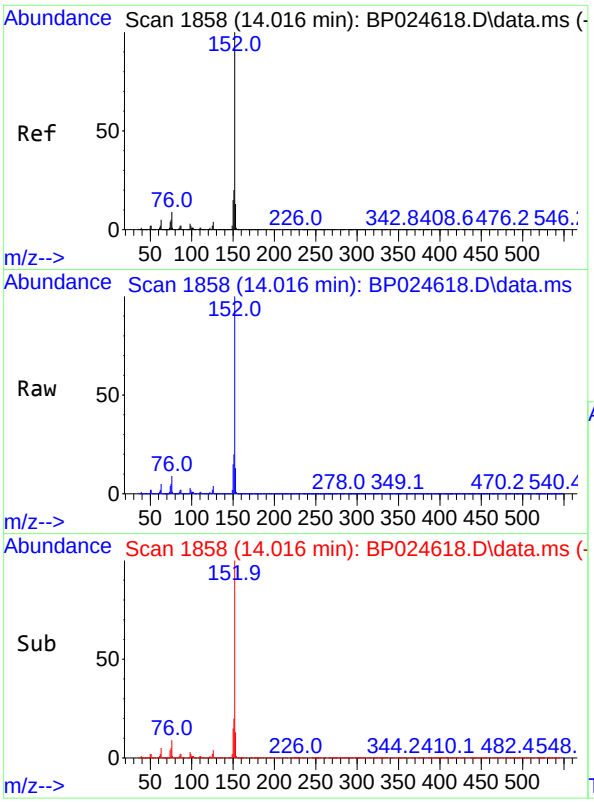


#48
2-Nitroaniline
Concen: 40.10 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 65 Resp: 242485

Ion	Ratio	Lower	Upper
65	100		
92	73.4	58.7	88.1
138	112.7	90.2	135.2



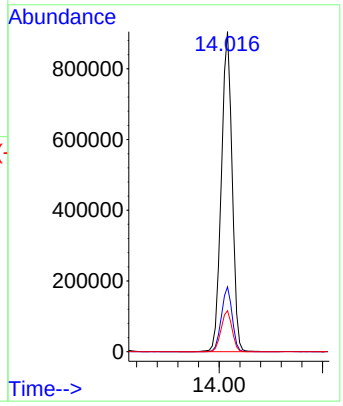


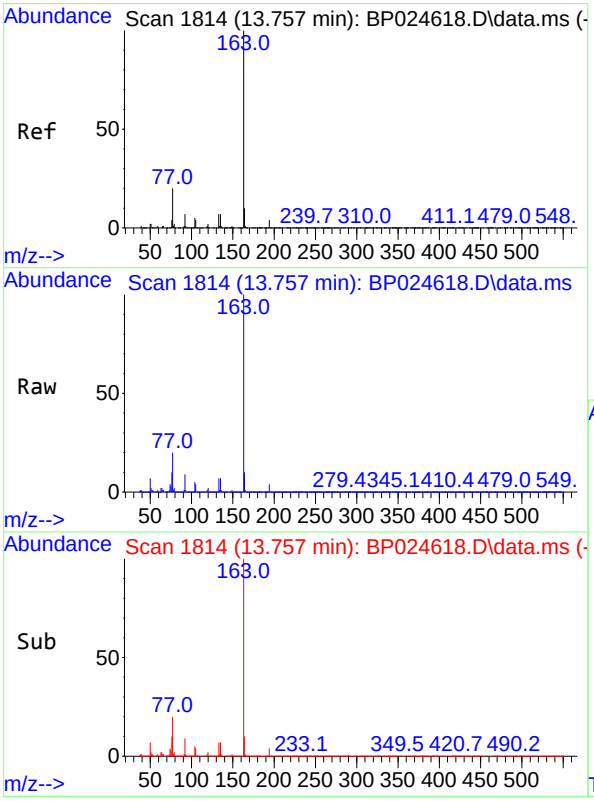
#49
Acenaphthylene
Concen: 38.26 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 1307740

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	12.8	10.2	15.4

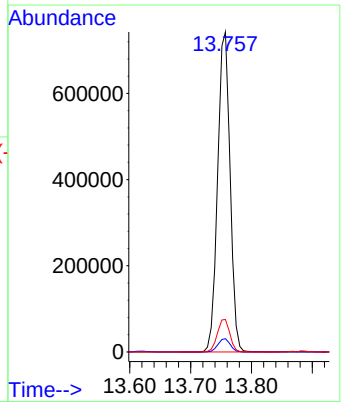


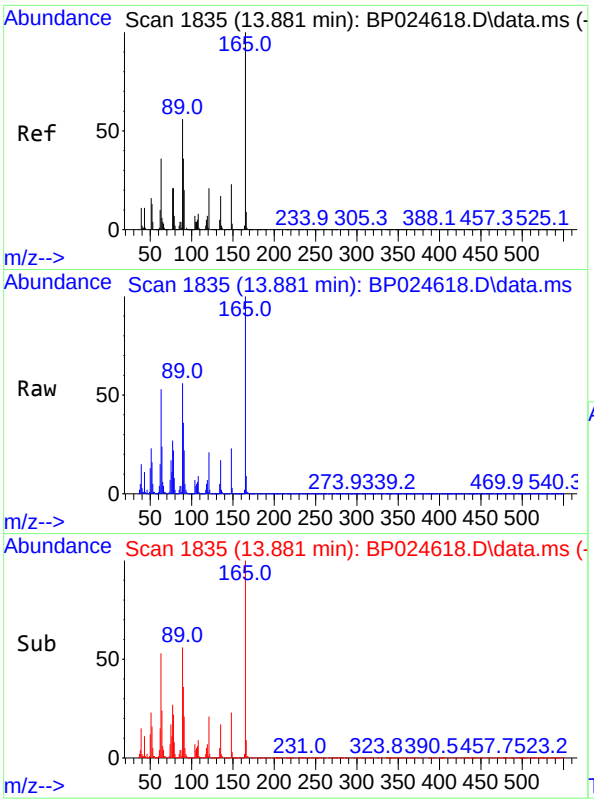


#50
Dimethylphthalate
Concen: 38.04 ng
RT: 13.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:163 Resp: 1051056

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.1	12.1



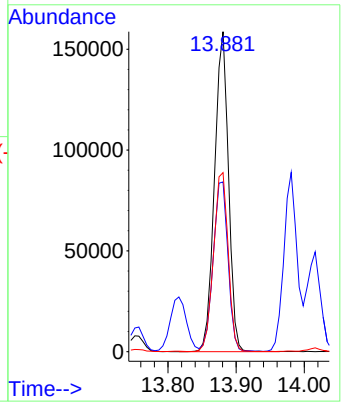


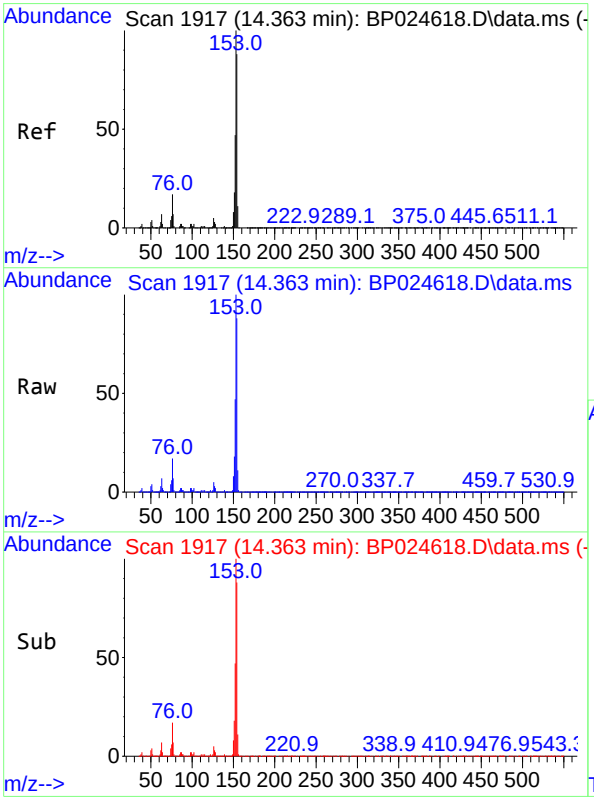
#51
2,6-Dinitrotoluene
Concen: 38.75 ng
RT: 13.881 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 226086

Ion	Ratio	Lower	Upper
165	100		
63	53.0	42.4	63.6
89	56.0	44.8	67.2

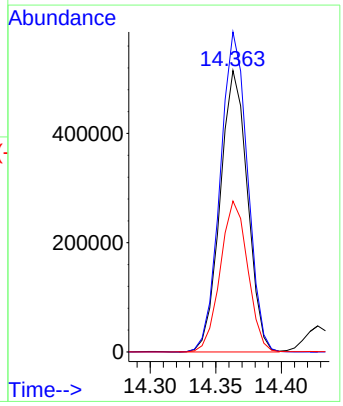


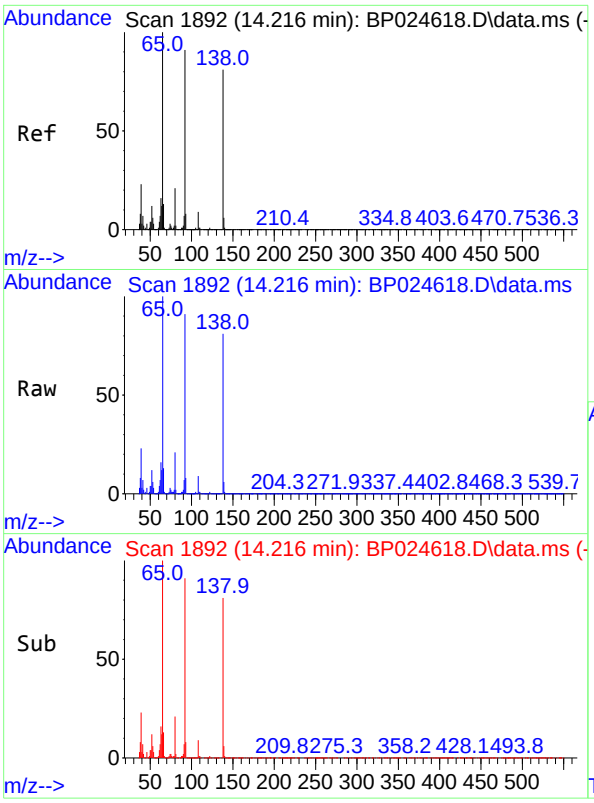


#52
Acenaphthene
Concen: 37.93 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:154 Resp: 745335

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.0	136.4
152	53.6	42.9	64.3



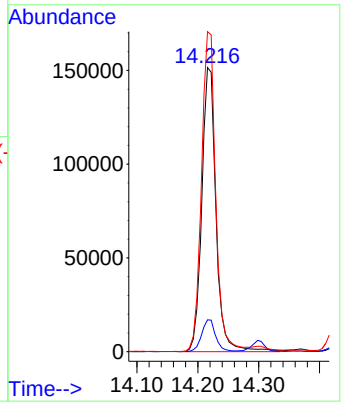


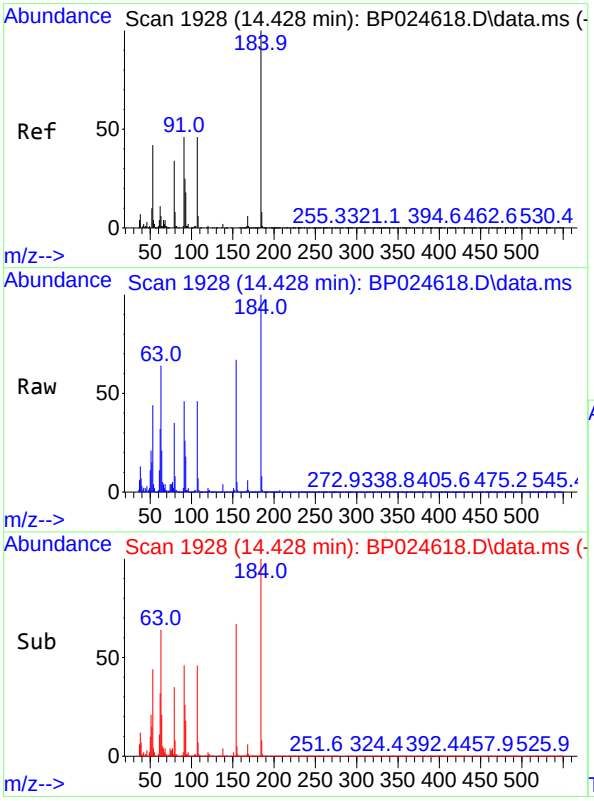
#53
3-Nitroaniline
Concen: 41.39 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 246561

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.4
92	112.6	90.1	135.1

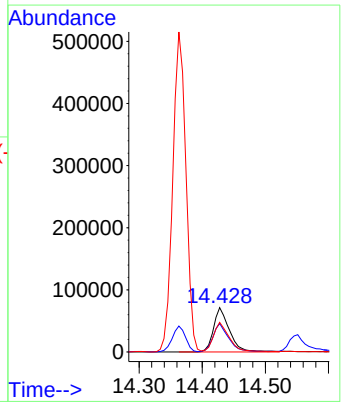


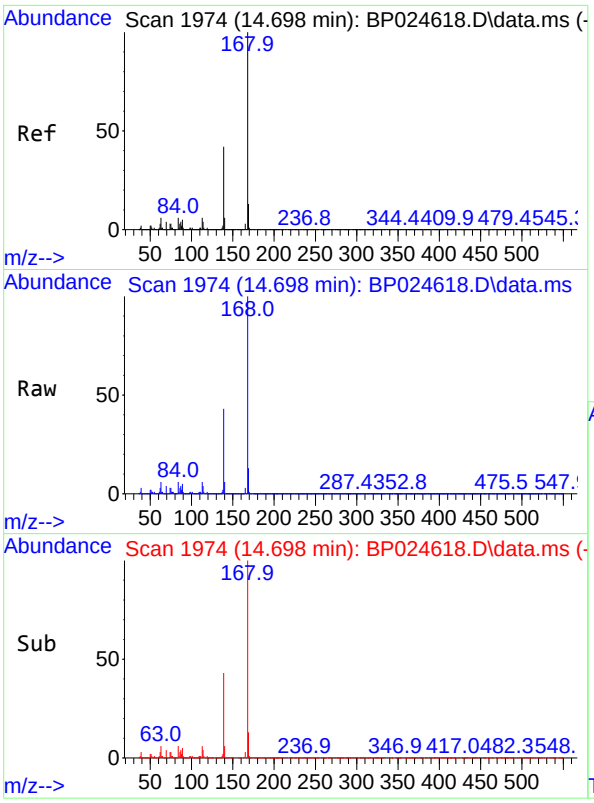


#54
2,4-Dinitrophenol
Concen: 37.54 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:184 Resp: 124517

Ion	Ratio	Lower	Upper
184	100		
63	64.1	51.3	76.9
154	66.9	53.5	80.3



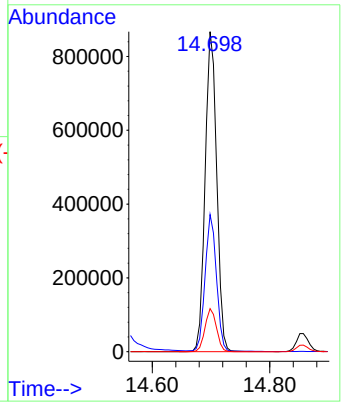


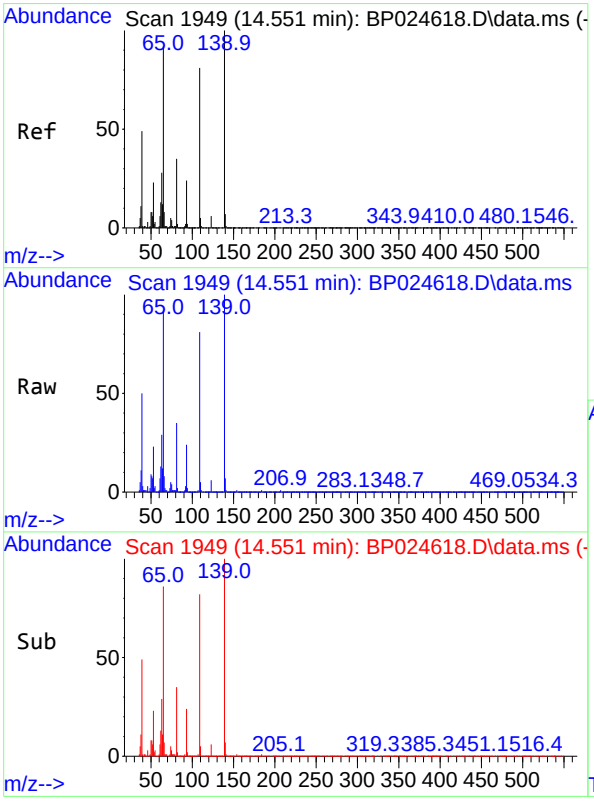
#55
Dibenzofuran
Concen: 37.77 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 1183806

Ion	Ratio	Lower	Upper
168	100		
139	42.8	34.2	51.4
169	13.5	10.8	16.2

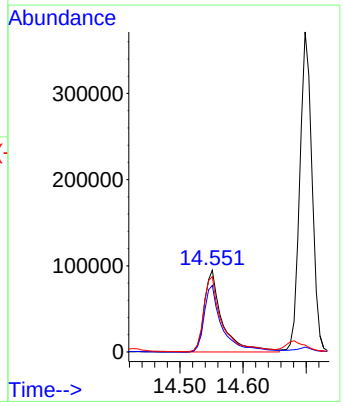


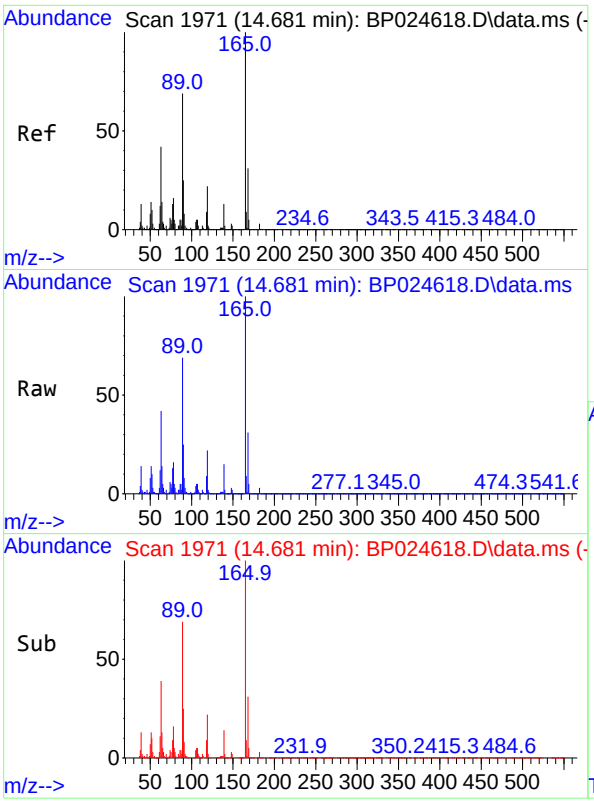


#56
4-Nitrophenol
Concen: 38.41 ng
RT: 14.551 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:139 Resp: 186112

Ion	Ratio	Lower	Upper
139	100		
109	81.4	61.4	101.4
65	92.2	72.2	112.2



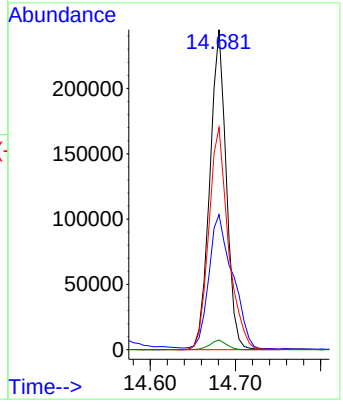


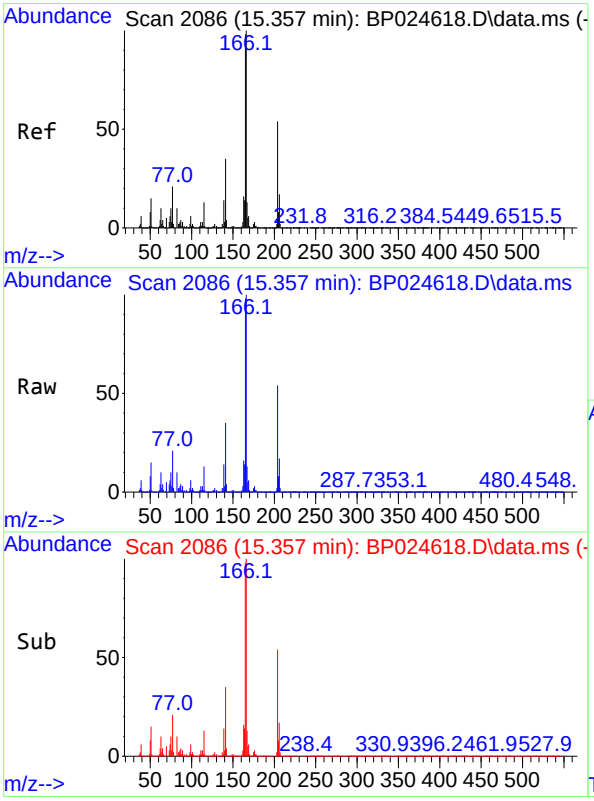
#57
2,4-Dinitrotoluene
Concen: 40.02 ng
RT: 14.681 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 329156

Ion	Ratio	Lower	Upper
165	100		
63	42.2	33.8	50.6
89	69.5	55.6	83.4
182	3.0	2.4	3.6

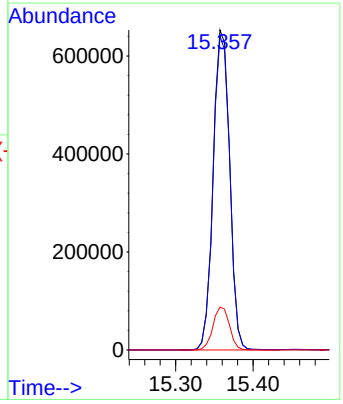


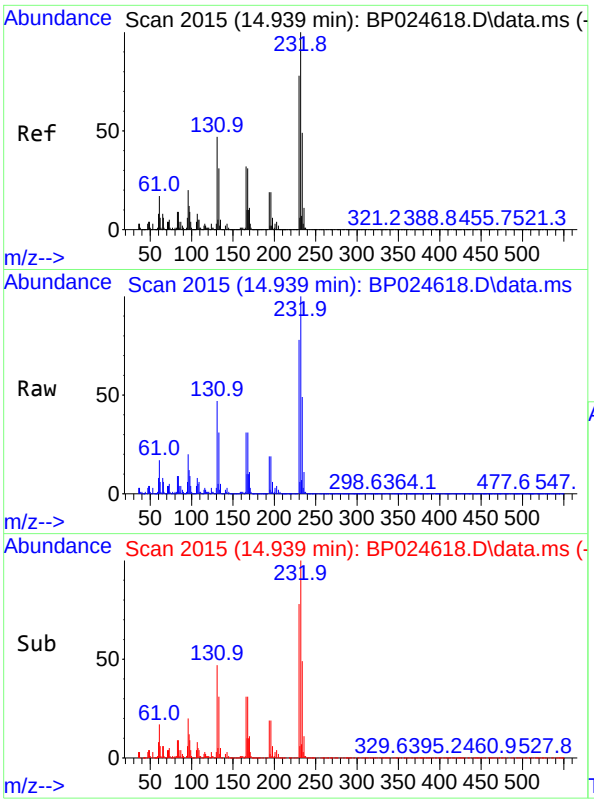


#58
Fluorene
Concen: 37.89 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:166 Resp: 968487

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	13.4	10.7	16.1



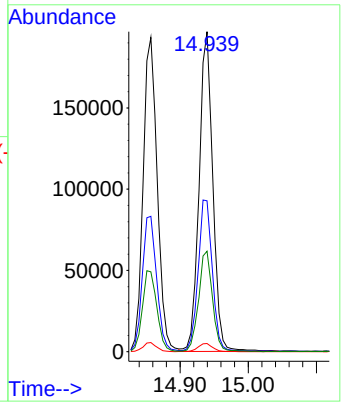


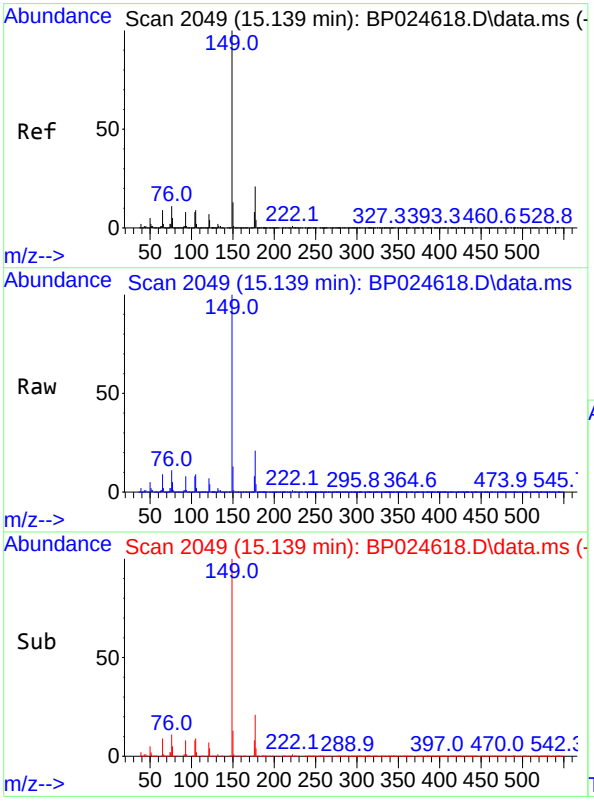
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.98 ng
RT: 14.939 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 274384

Ion	Ratio	Lower	Upper
232	100		
131	49.4	39.5	59.3
130	2.8	2.2	3.4
166	32.1	25.7	38.5

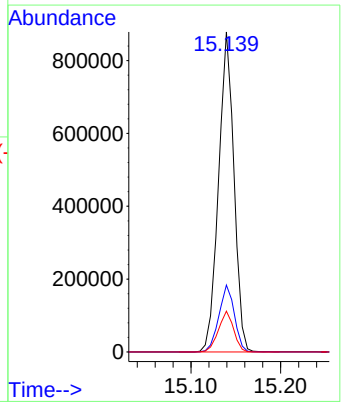


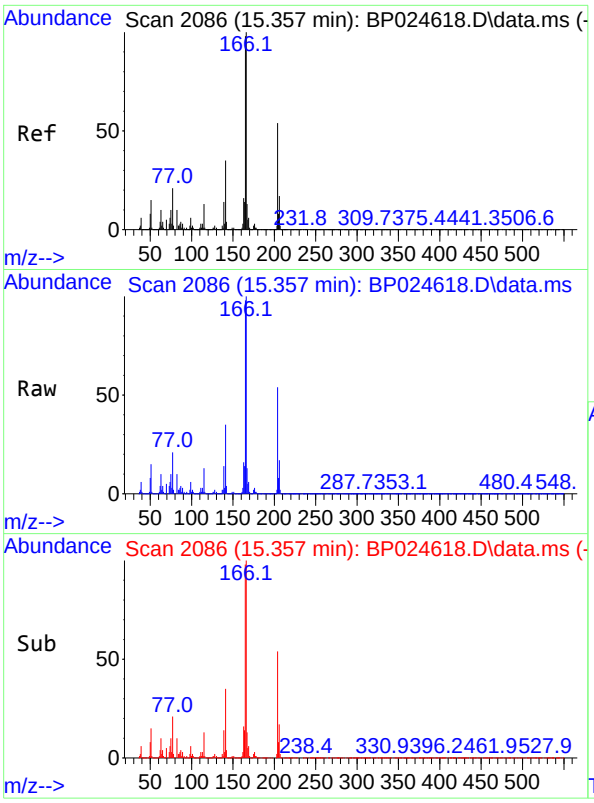


#60
Diethylphthalate
Concen: 37.48 ng
RT: 15.139 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:149 Resp: 1046478

Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	12.7	10.2	15.2



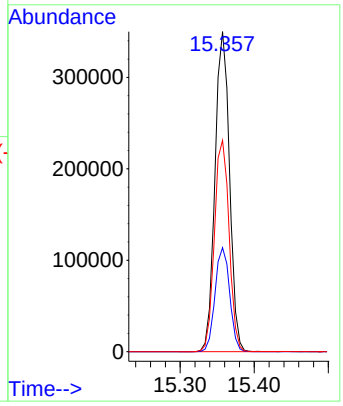


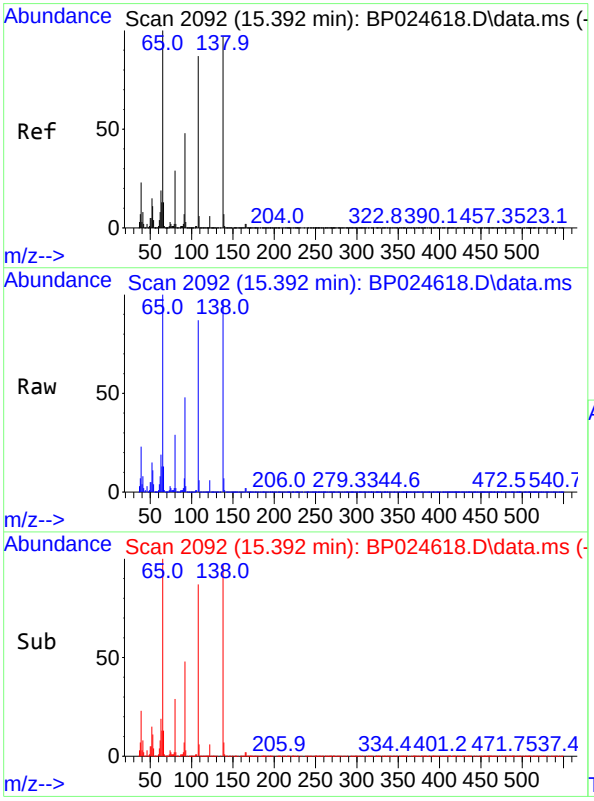
#61
4-Chlorophenyl-phenylether
Concen: 37.29 ng
RT: 15.357 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 475327

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.0	39.0
141	66.1	52.9	79.3

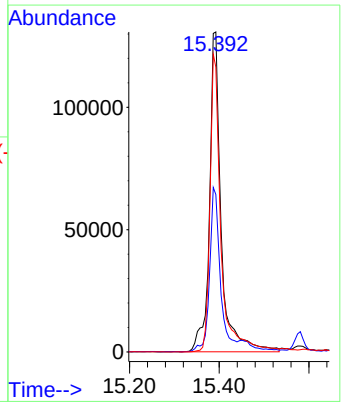


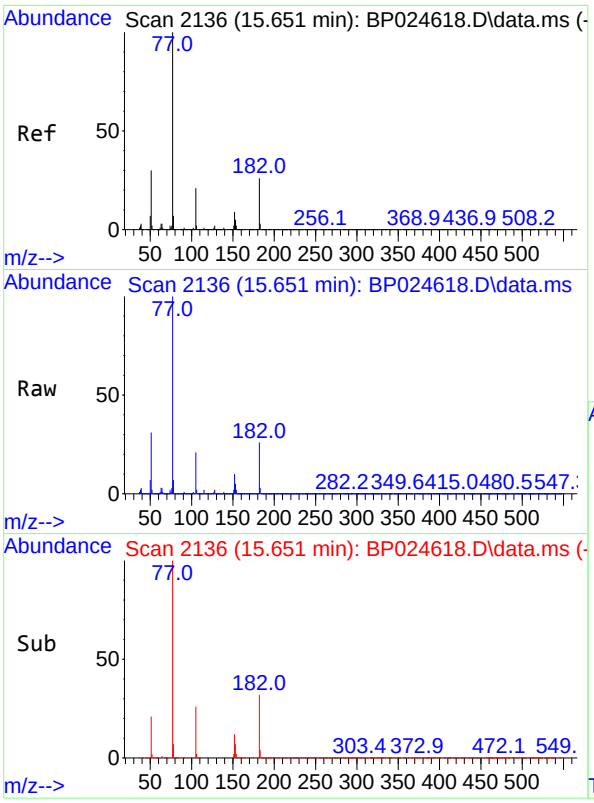


#62
4-Nitroaniline
Concen: 41.24 ng
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:138 Resp: 239212

Ion	Ratio	Lower	Upper
138	100		
92	49.2	29.2	69.2
108	89.0	69.0	109.0



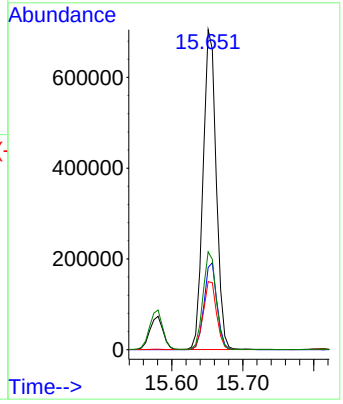


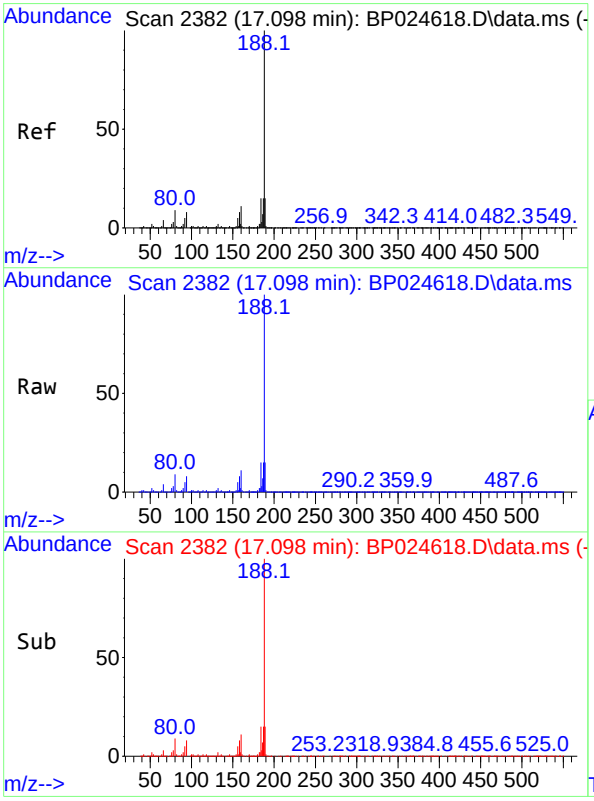
#63
Azobenzene
Concen: 37.94 ng
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 906274

Ion	Ratio	Lower	Upper
77	100		
182	25.7	5.7	45.7
105	21.3	1.3	41.3
51	30.6	10.6	50.6

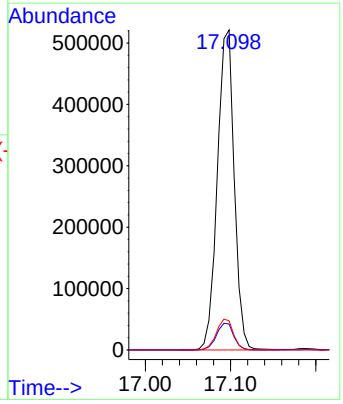


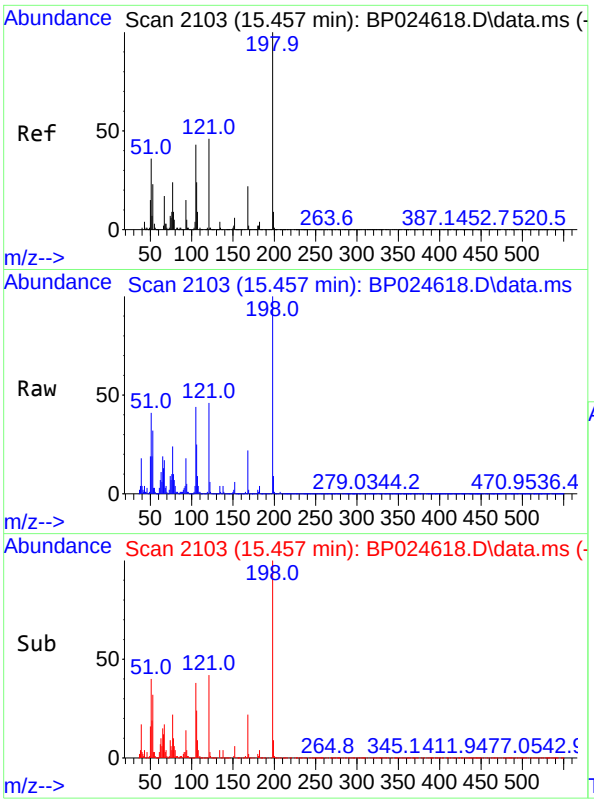


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:188 Resp: 717362

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.5	9.7
80	9.1	7.3	10.9



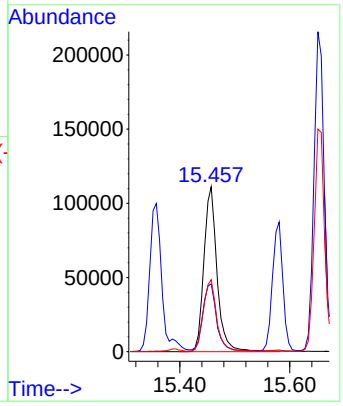


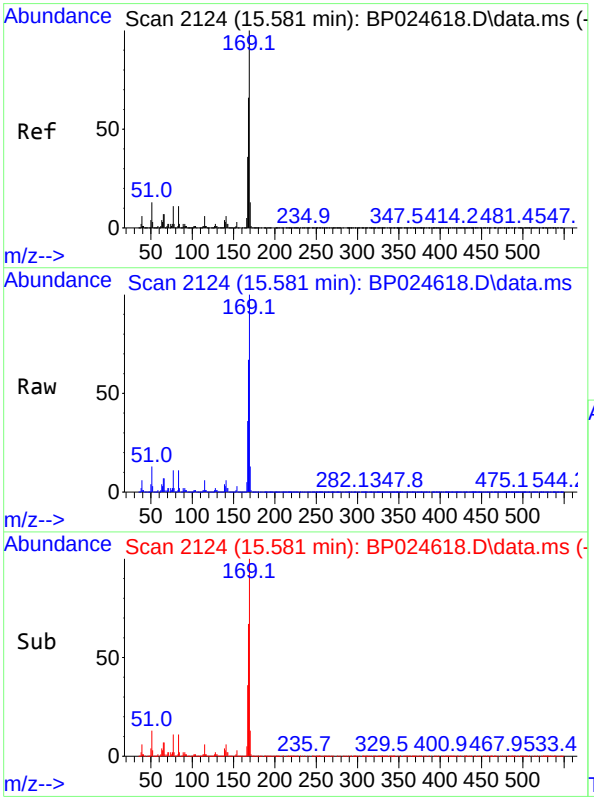
#65
4,6-Dinitro-2-methylphenol
Concen: 39.84 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 184593

Ion	Ratio	Lower	Upper
198	100		
51	41.1	21.1	61.1
105	43.6	23.6	63.6

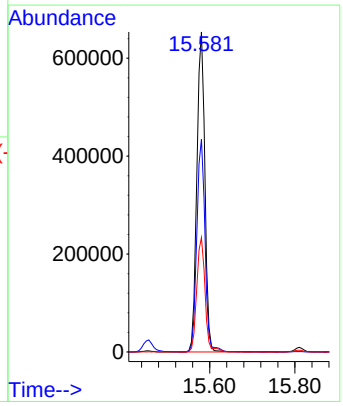


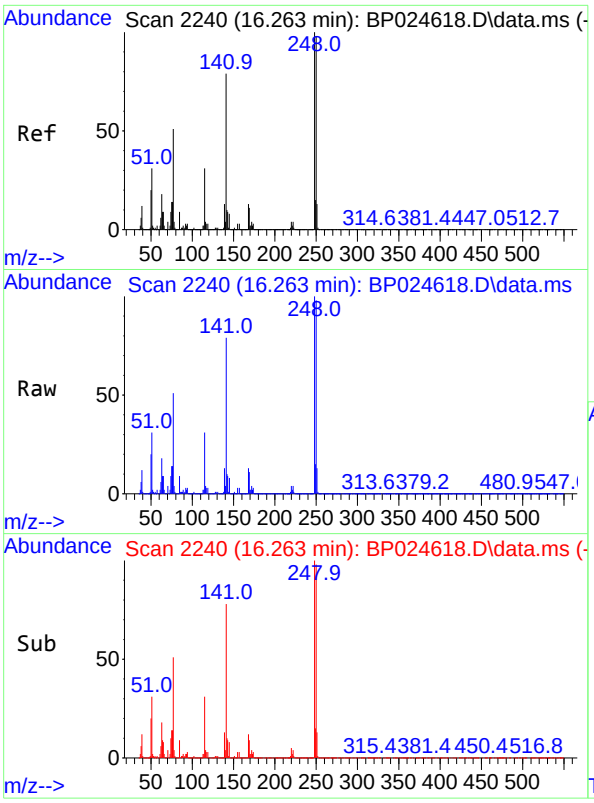


#66
n-Nitrosodiphenylamine
Concen: 38.63 ng
RT: 15.581 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:169 Resp: 851188

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	35.8	28.6	43.0



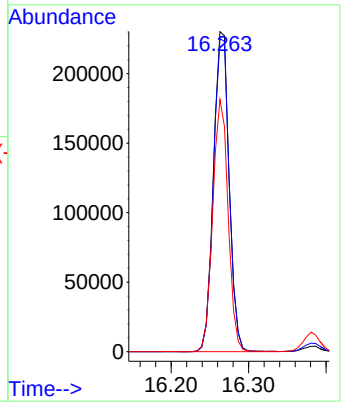


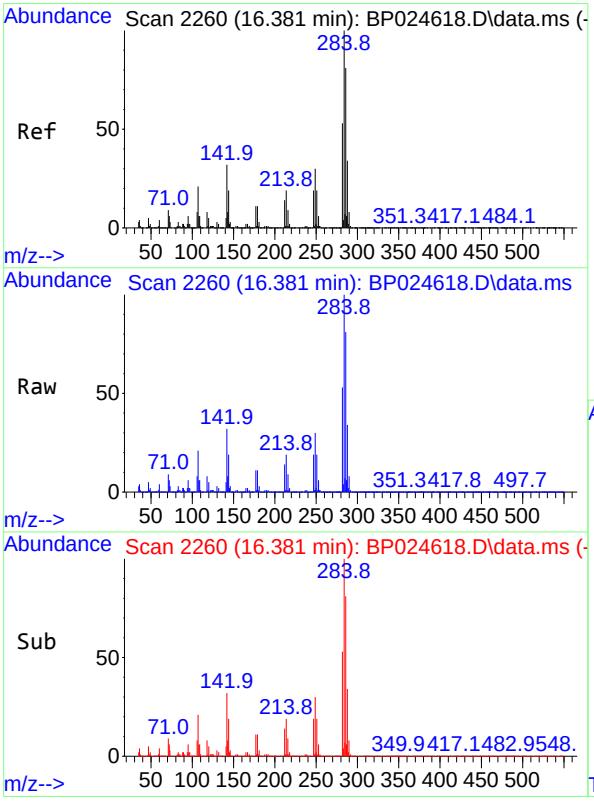
#67
4-Bromophenyl-phenylether
Concen: 38.28 ng
RT: 16.263 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 323558

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.2	117.4
141	78.8	63.0	94.6

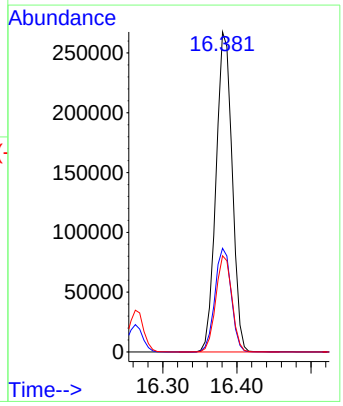


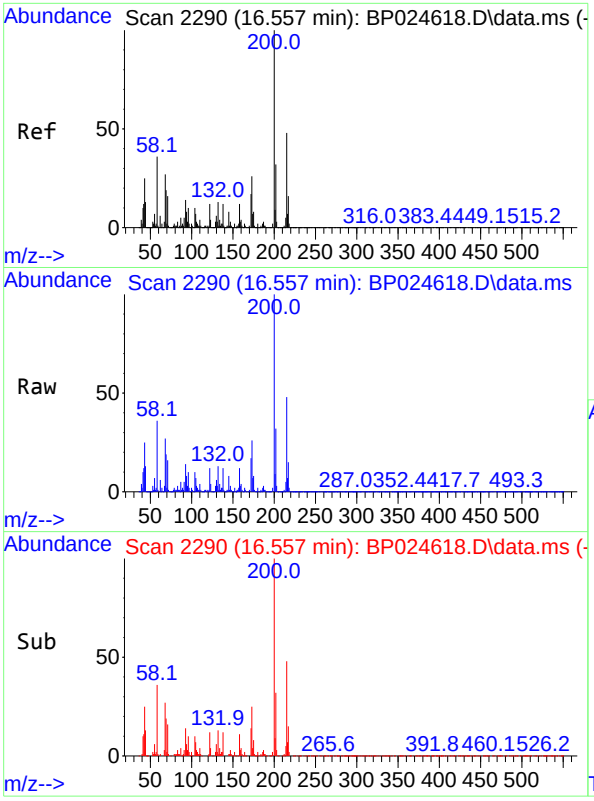


#68
Hexachlorobenzene
Concen: 37.60 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:284 Resp: 403916

Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.9	38.9
249	30.1	24.1	36.1



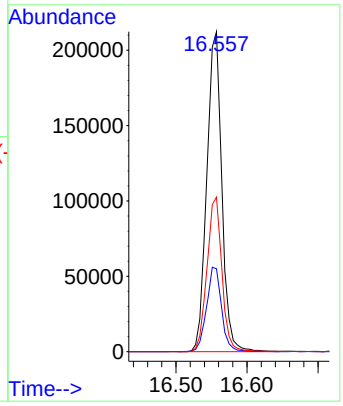


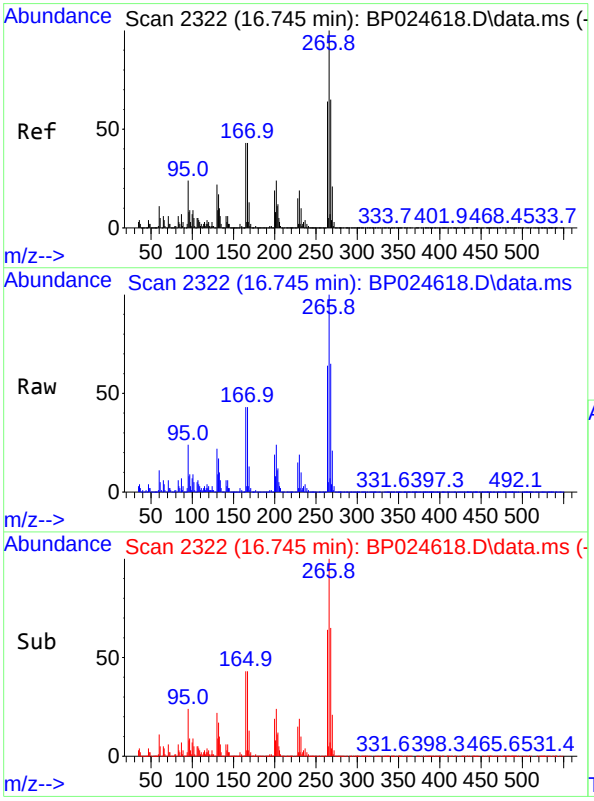
#69
Atrazine
Concen: 38.67 ng
RT: 16.557 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 312226

Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.9	45.9
215	48.3	28.3	68.3

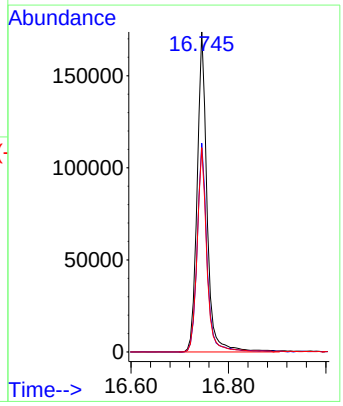


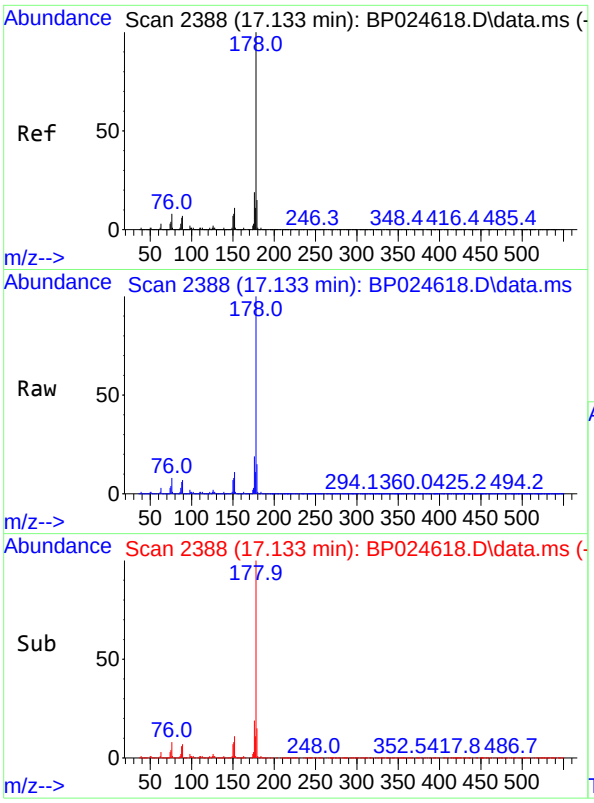


#70
Pentachlorophenol
Concen: 40.91 ng
RT: 16.745 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:266 Resp: 246828

Ion	Ratio	Lower	Upper
266	100		
268	65.3	52.2	78.4
264	63.9	51.1	76.7



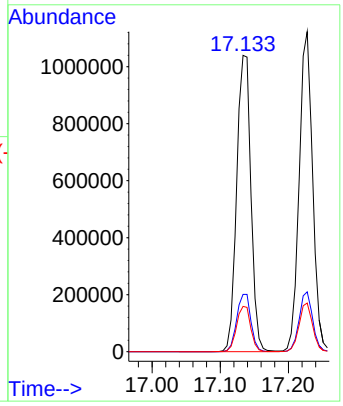


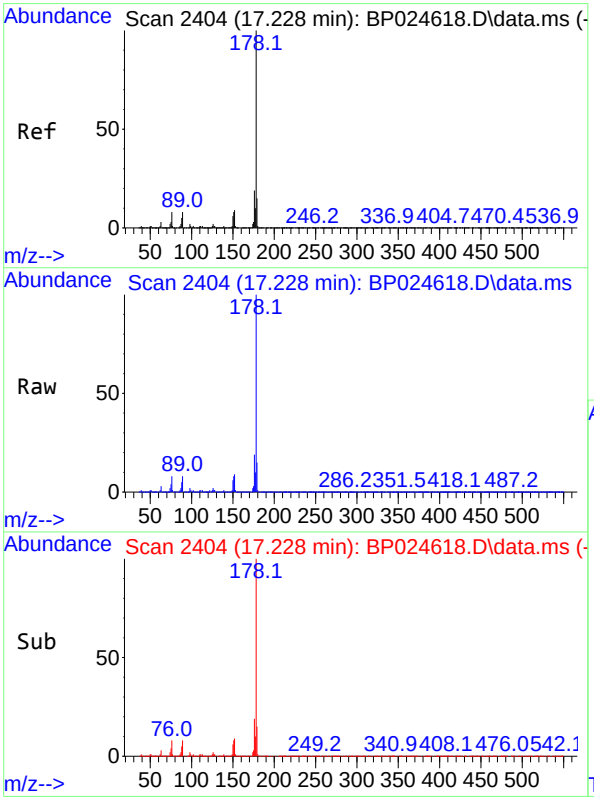
#71
Phenanthrene
Concen: 37.80 ng
RT: 17.133 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 1507602

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.2	18.4

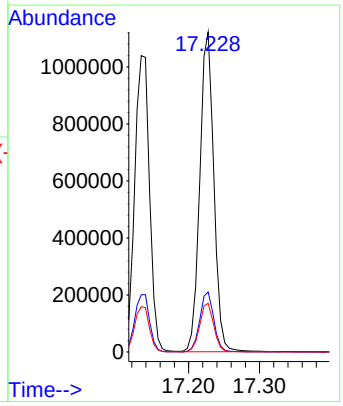


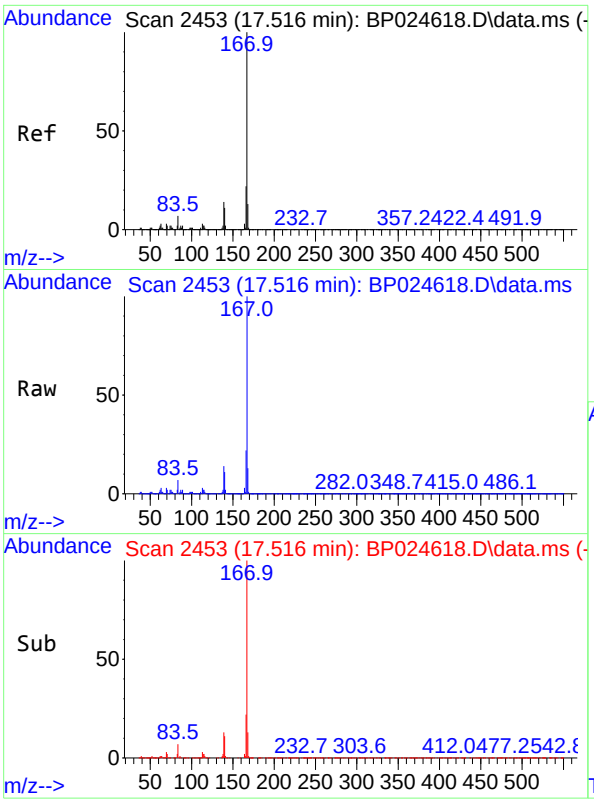


#72
Anthracene
Concen: 38.44 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:178 Resp: 1542275

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.2	12.2	18.2



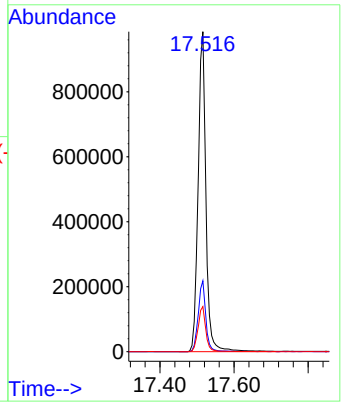


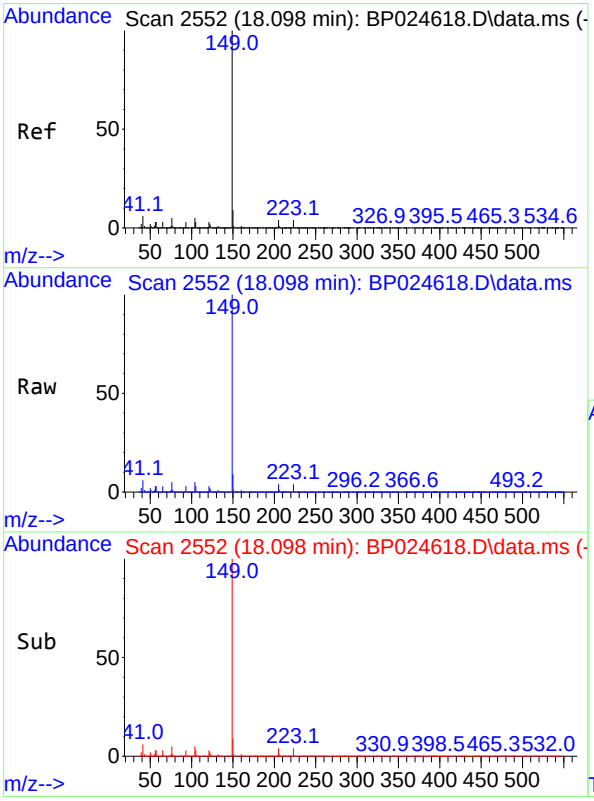
#73
Carbazole
Concen: 39.55 ng
RT: 17.516 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 1436294

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	14.1	11.3	16.9

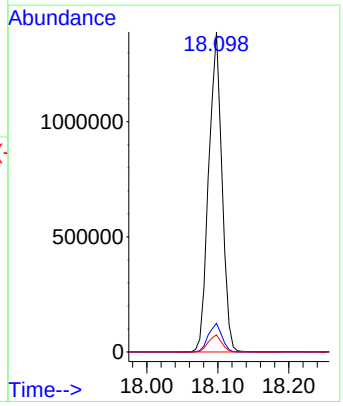


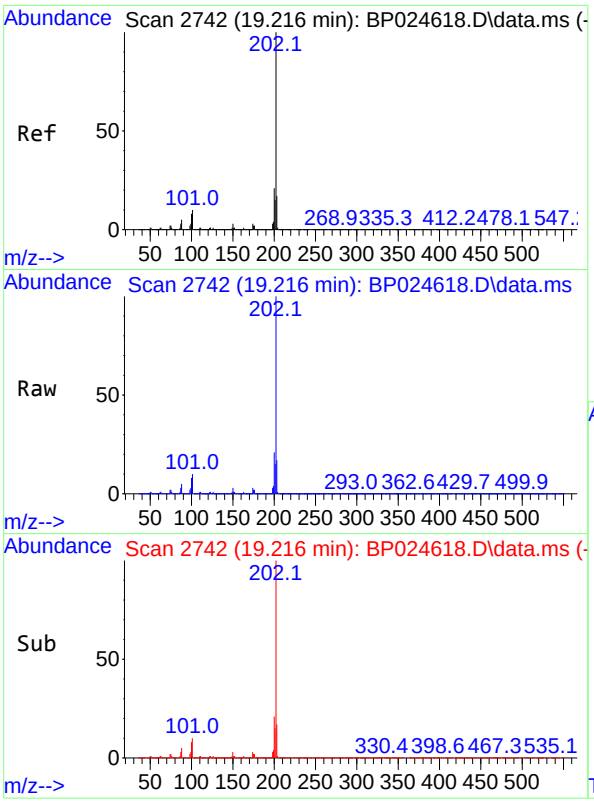


#74
Di-n-butylphthalate
Concen: 38.69 ng
RT: 18.098 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:149 Resp: 1807097

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	5.4	4.3	6.5



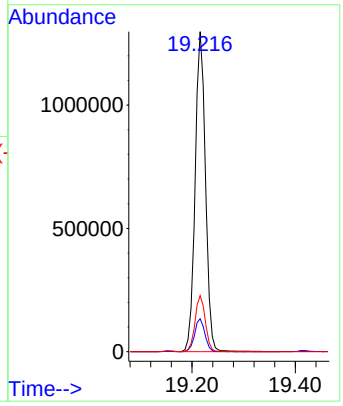


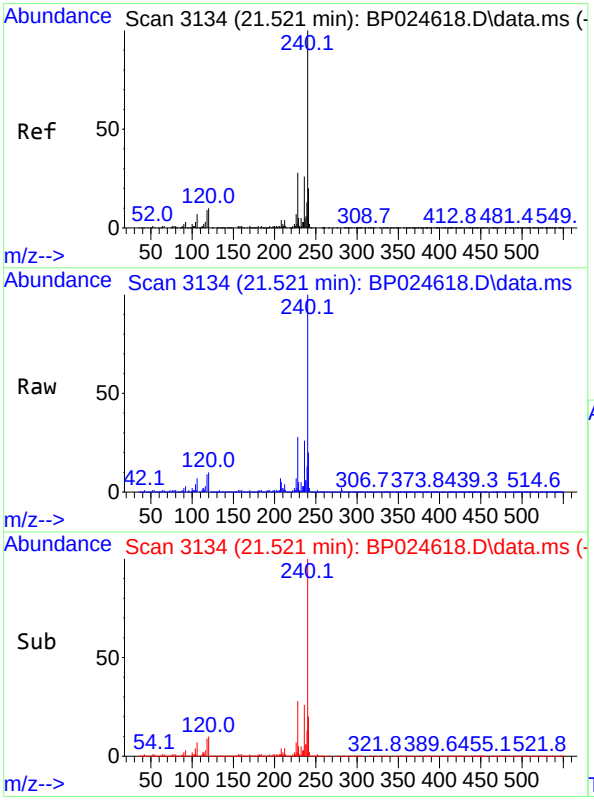
#75
Fluoranthene
Concen: 38.49 ng
RT: 19.216 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 1794046

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.3
203	17.5	0.0	37.5

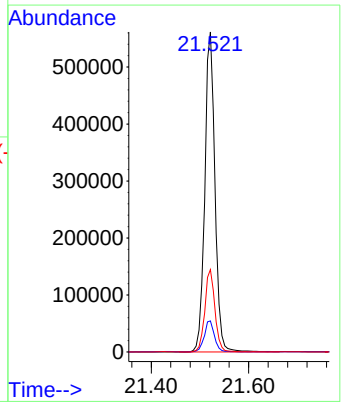


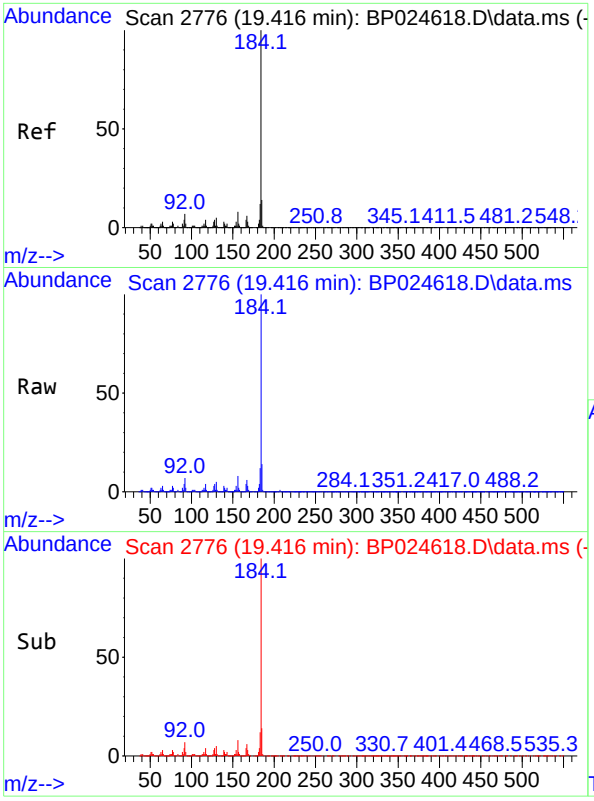


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:240 Resp: 810498

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.8	11.6
236	25.8	20.6	31.0



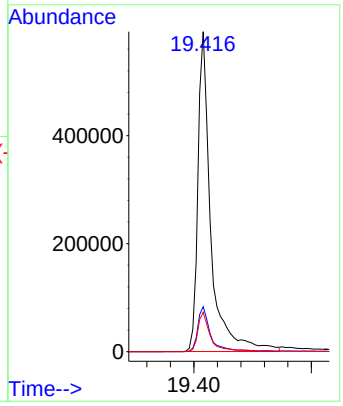


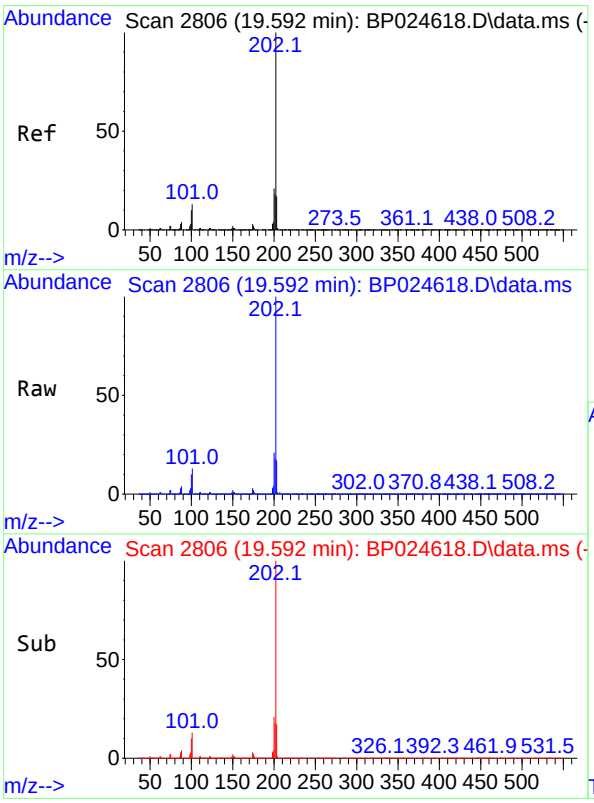
#77
Benzidine
Concen: 40.77 ng
RT: 19.416 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 907109

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.2	16.8
183	12.3	9.8	14.8

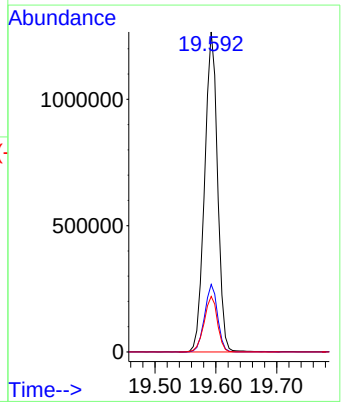


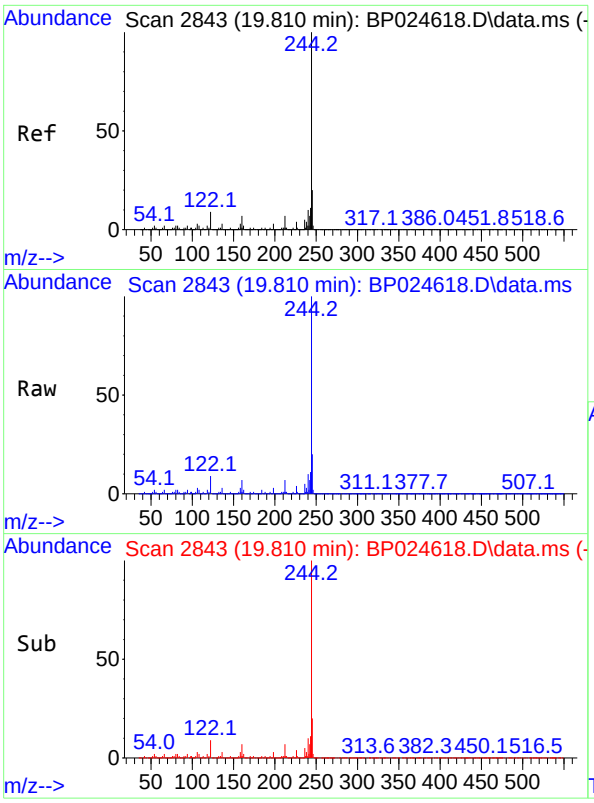


#78
Pyrene
Concen: 38.50 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:202 Resp: 1869519

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	13.9	20.9



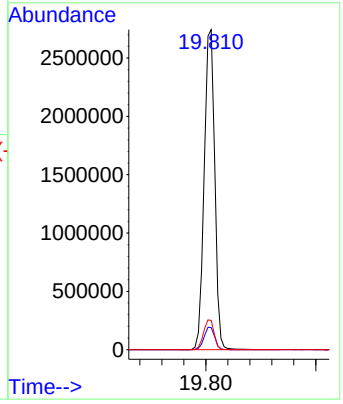


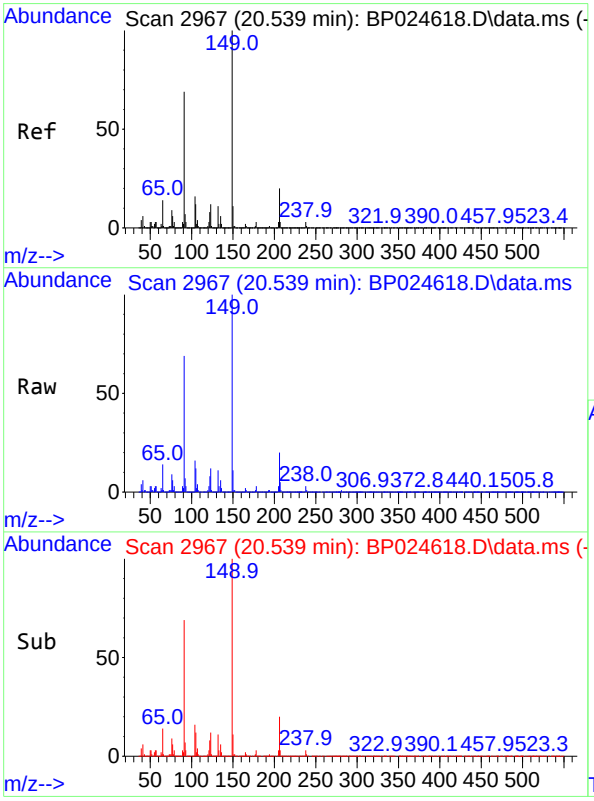
#79
Terphenyl-d14
Concen: 77.18 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 3647961

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	9.2	7.4	11.0

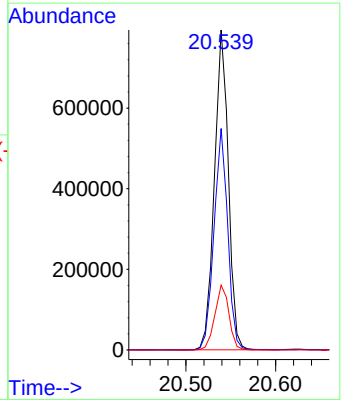


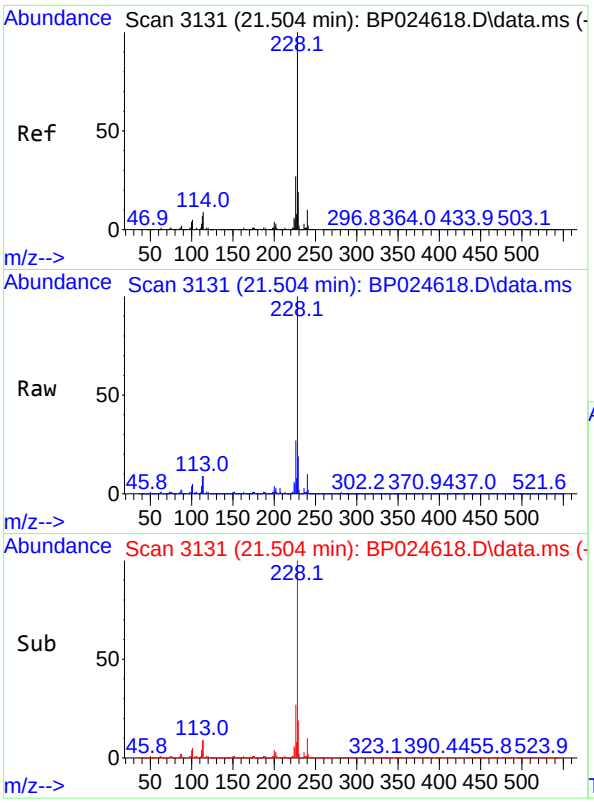


#80
Butylbenzylphthalate
Concen: 39.58 ng
RT: 20.539 min Scan# 2967
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:149 Resp: 854913

Ion	Ratio	Lower	Upper
149	100		
91	69.2	55.4	83.0
206	20.2	16.2	24.2



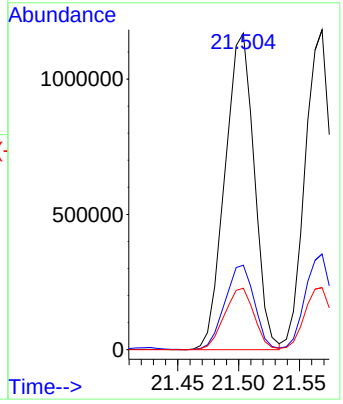


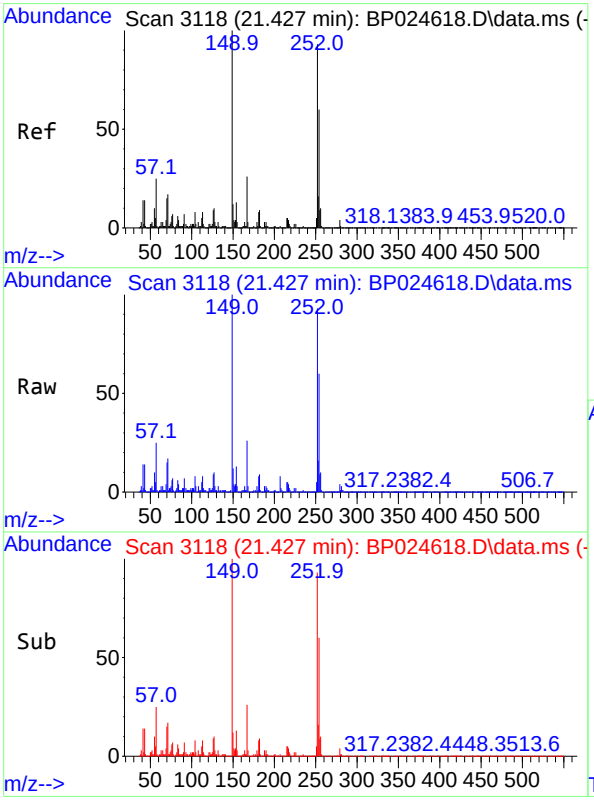
#81
Benzo(a)anthracene
Concen: 38.47 ng
RT: 21.504 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 1957632

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.4	32.0
229	19.4	15.5	23.3

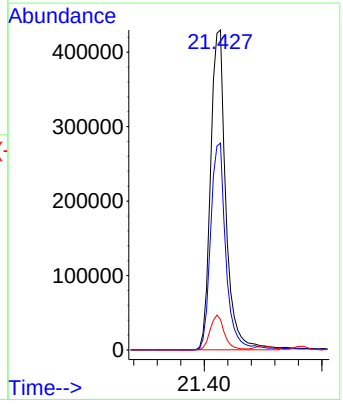


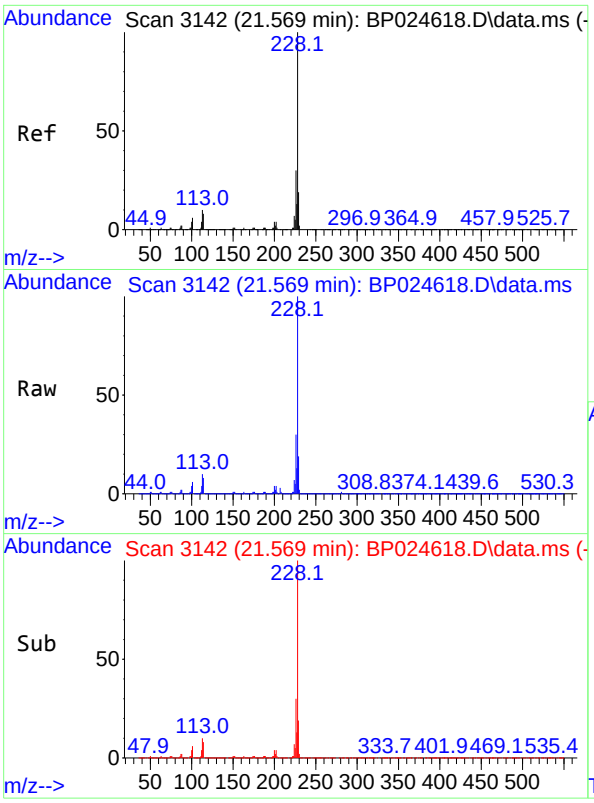


#82
3,3'-Dichlorobenzidine
Concen: 40.94 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:252 Resp: 773866

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.8	77.6
126	9.6	7.7	11.5



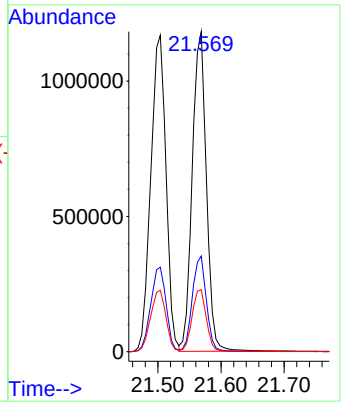


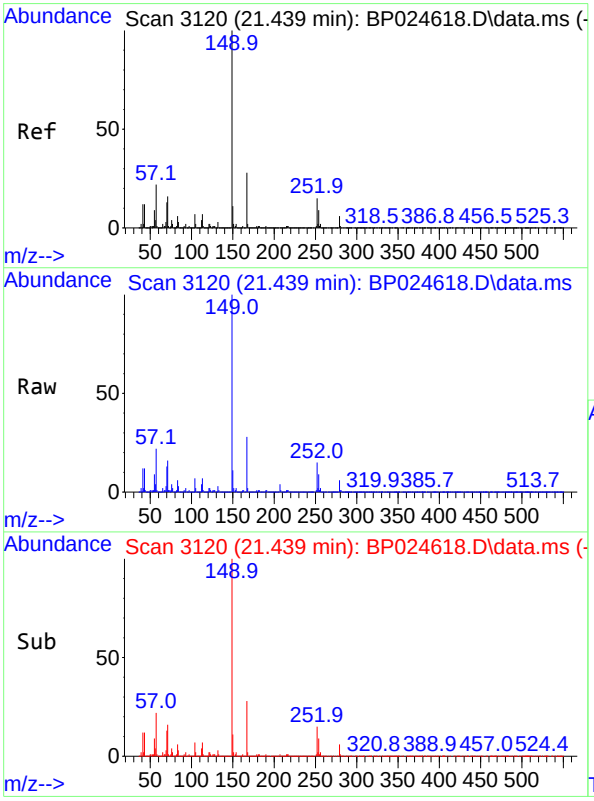
#83
Chrysene
Concen: 38.01 ng
RT: 21.569 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 1833959

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.4	15.5	23.3

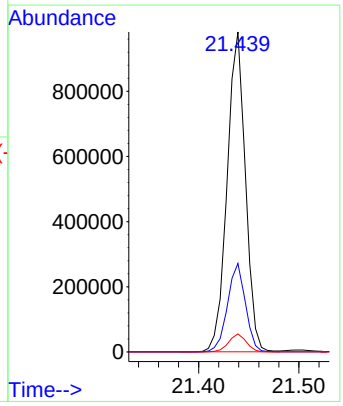


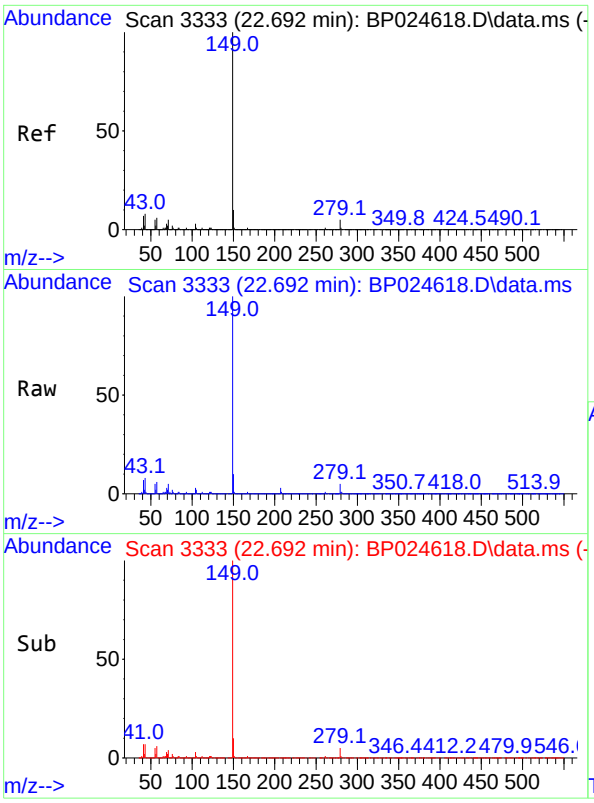


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.09 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:149 Resp: 1240956

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	5.7	4.6	6.8



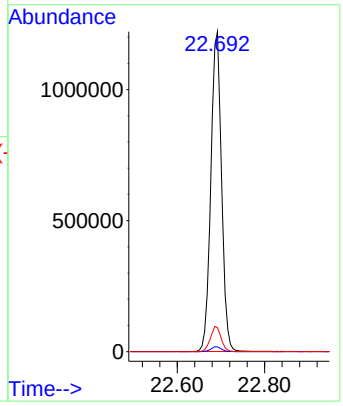


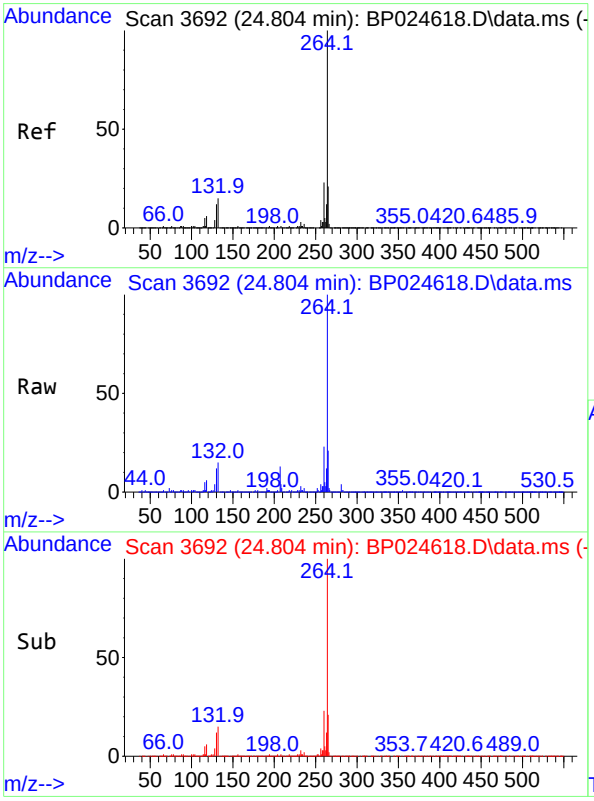
#85
Di-n-octyl phthalate
Concen: 39.97 ng
RT: 22.692 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 2074694

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	6.3	9.5

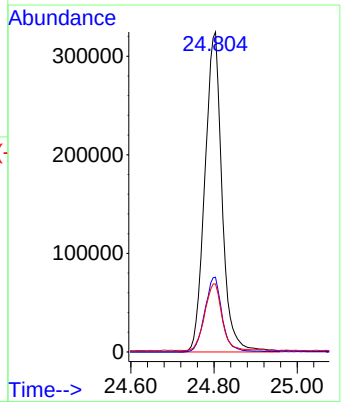


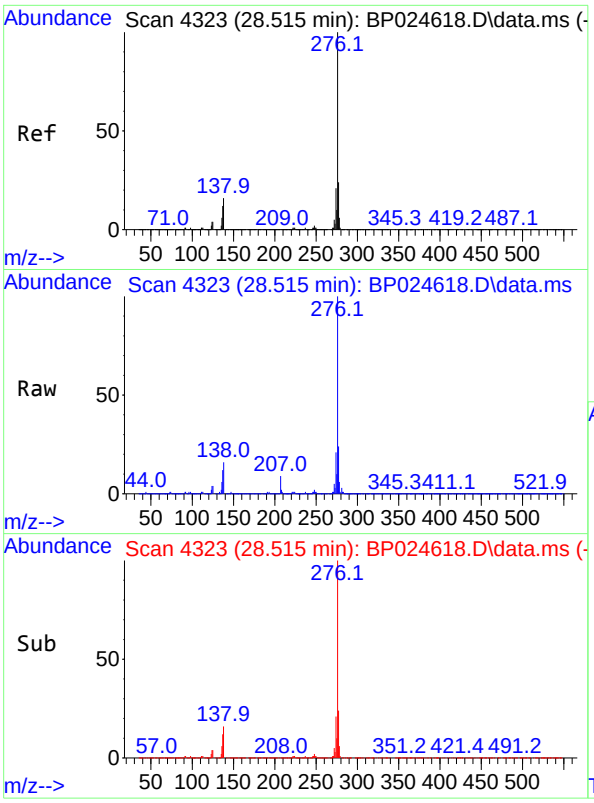


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.804 min Scan# 3692
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:264 Resp: 929890

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.3	17.0	25.6



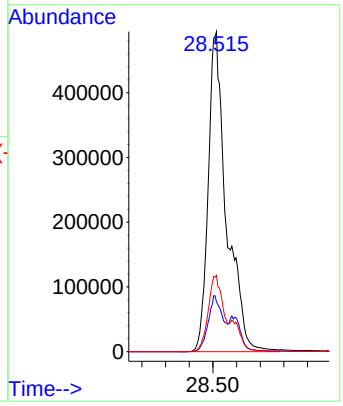


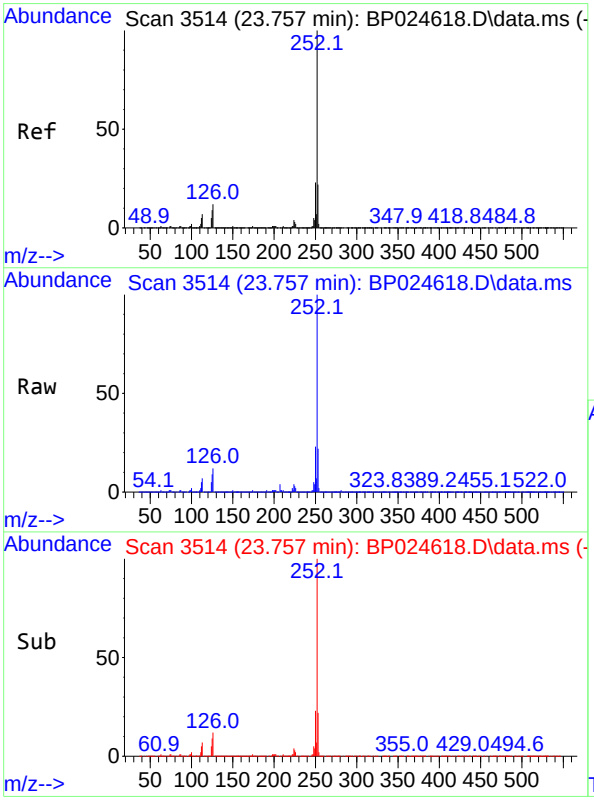
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.00 ng
RT: 28.515 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 2648648

Ion	Ratio	Lower	Upper
276	100		
138	14.0	11.2	16.8
277	19.6	15.7	23.5

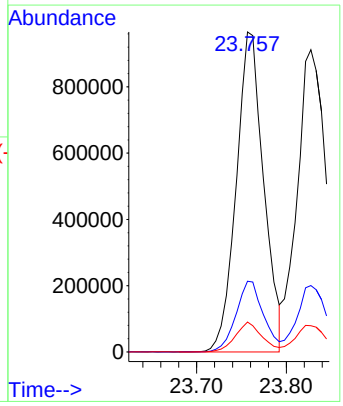


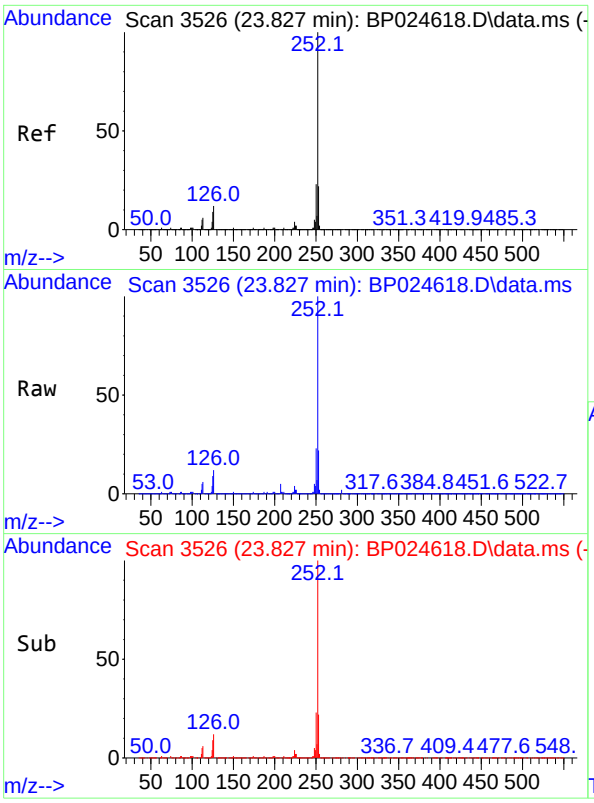


#88
Benzo(b)fluoranthene
Concen: 38.53 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:252 Resp: 2050806

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.4	7.5	11.3



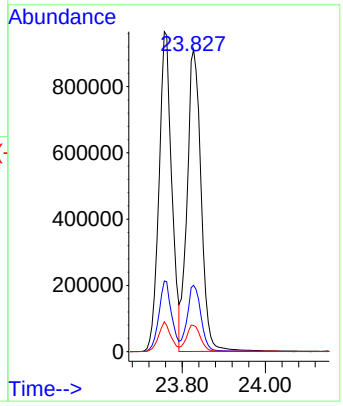


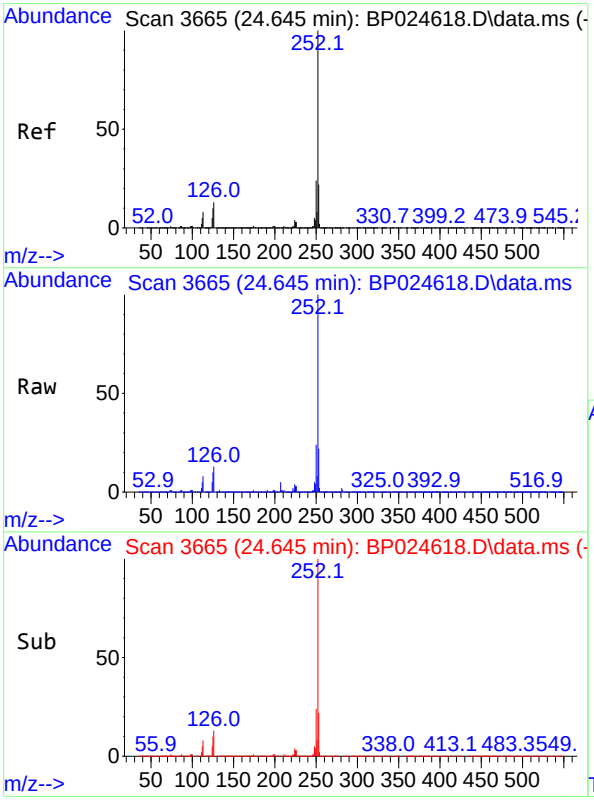
#89
Benzo(k)fluoranthene
Concen: 38.67 ng
RT: 23.827 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 2120721

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	8.7	7.0	10.4

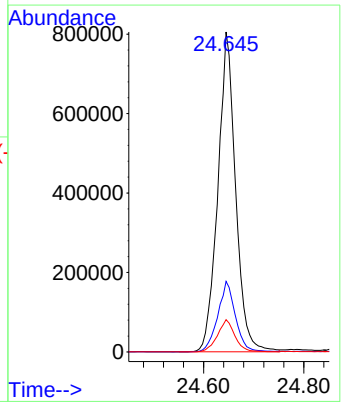


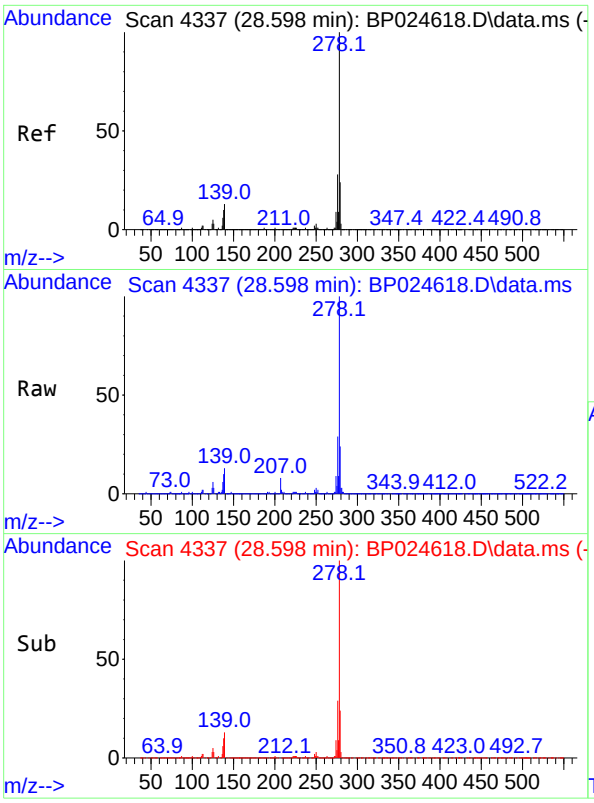


#90
Benzo(a)pyrene
Concen: 38.71 ng
RT: 24.645 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:252 Resp: 1979017

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.1	8.1	12.1



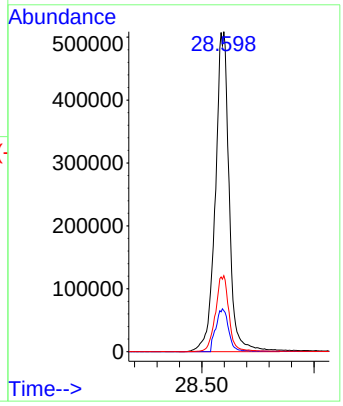


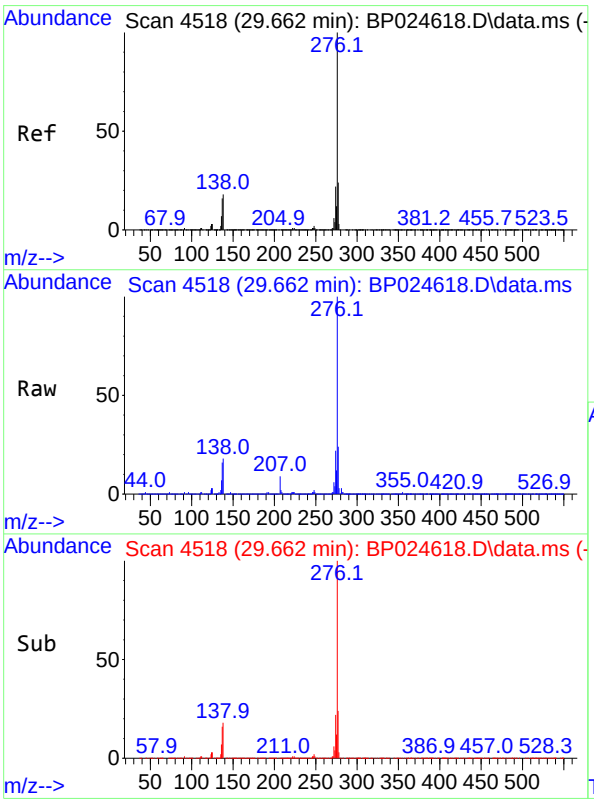
#91
Dibenzo(a,h)anthracene
Concen: 39.30 ng
RT: 28.598 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 2170712

Ion	Ratio	Lower	Upper
278	100		
139	12.8	10.2	15.4
279	23.7	19.0	28.4

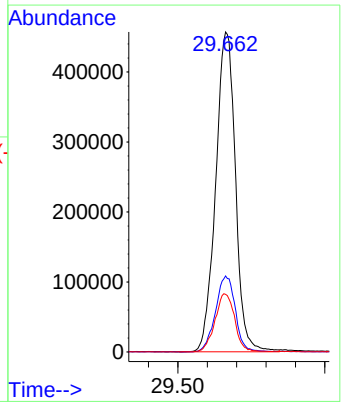




#92
Benzo(g,h,i)perylene
Concen: 38.84 ng
RT: 29.662 min Scan# 4518
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:276 Resp: 2132921

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	18.0	14.4	21.6



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024619.D
Acq On : 13 May 2025 14:05
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: May 13 16:07:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	111395	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	489806	20.00	ng		0.00
39) Acenaphthene-d10	14.292	164	318760	20.00	ng		-0.01
64) Phenanthrene-d10	17.086	188	628781	20.00	ng		-0.01
76) Chrysene-d12	21.522	240	717340	20.00	ng		0.00
86) Perylene-d12	24.810	264	811421	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	708626	108.80	ng		0.00
7) Phenol-d6	6.852	99	930484	111.94	ng		0.00
23) Nitrobenzene-d5	8.810	82	1049445	108.26	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	587523	108.72	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	2553765	104.96	ng		0.00
79) Terphenyl-d14	19.822	244	4398872	105.15	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	156571	51.20	ng		98
3) Pyridine	3.622	79	379522	55.97	ng		99
4) n-Nitrosodimethylamine	3.534	42	161654	54.00	ng		99
6) Aniline	7.005	93	593141	55.27	ng		99
8) 2-Chlorophenol	7.240	128	408016	55.19	ng		99
9) Benzaldehyde	6.822	77	290405	54.06	ng		100
10) Phenol	6.881	94	475413	55.41	ng		99
11) bis(2-Chloroethyl)ether	7.093	93	377787	53.59	ng		100
12) 1,3-Dichlorobenzene	7.552	146	451750	53.11	ng		99
13) 1,4-Dichlorobenzene	7.699	146	455796	53.28	ng		99
14) 1,2-Dichlorobenzene	8.010	146	439707	52.74	ng		100
15) Benzyl Alcohol	7.910	79	363689	57.58	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	450215	53.33	ng		98
17) 2-Methylphenol	8.110	107	347065	56.40	ng		98
18) Hexachloroethane	8.728	117	173580	52.95	ng		98
19) n-Nitroso-di-n-propyla...	8.463	70	318058	55.32	ng		99
20) 3+4-Methylphenols	8.440	107	474048	56.64	ng		98
22) Acetophenone	8.481	105	653878	53.44	ng	#	98
24) Nitrobenzene	8.852	77	456929	53.56	ng		99
25) Isophorone	9.375	82	921892	54.82	ng		99
26) 2-Nitrophenol	9.557	139	239844	57.38	ng		98
27) 2,4-Dimethylphenol	9.628	122	402585	54.62	ng		99
28) bis(2-Chloroethoxy)met...	9.852	93	542581	54.01	ng		100
29) 2,4-Dichlorophenol	10.099	162	400983	56.14	ng		98
30) 1,2,4-Trichlorobenzene	10.299	180	424561	52.75	ng		97
31) Naphthalene	10.481	128	1336265	52.65	ng		100
32) Benzoic acid	9.787	122	263657	50.71	ng		99
33) 4-Chloroaniline	10.599	127	569812	55.63	ng		99
34) Hexachlorobutadiene	10.769	225	271578	52.09	ng		99
35) Caprolactam	11.393	113	148586	57.53	ng		98
36) 4-Chloro-3-methylphenol	11.734	107	478787	54.97	ng		99
37) 2-Methylnaphthalene	12.093	142	873274	53.13	ng		99
38) 1-Methylnaphthalene	12.316	142	919827	52.31	ng		98
40) 1,2,4,5-Tetrachloroben...	12.469	216	497848	53.78	ng		100
41) Hexachlorocyclopentadiene	12.446	237	334752	59.64	ng		96
43) 2,4,6-Trichlorophenol	12.716	196	341059	56.89	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024619.D
Acq On : 13 May 2025 14:05
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: May 13 16:07:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

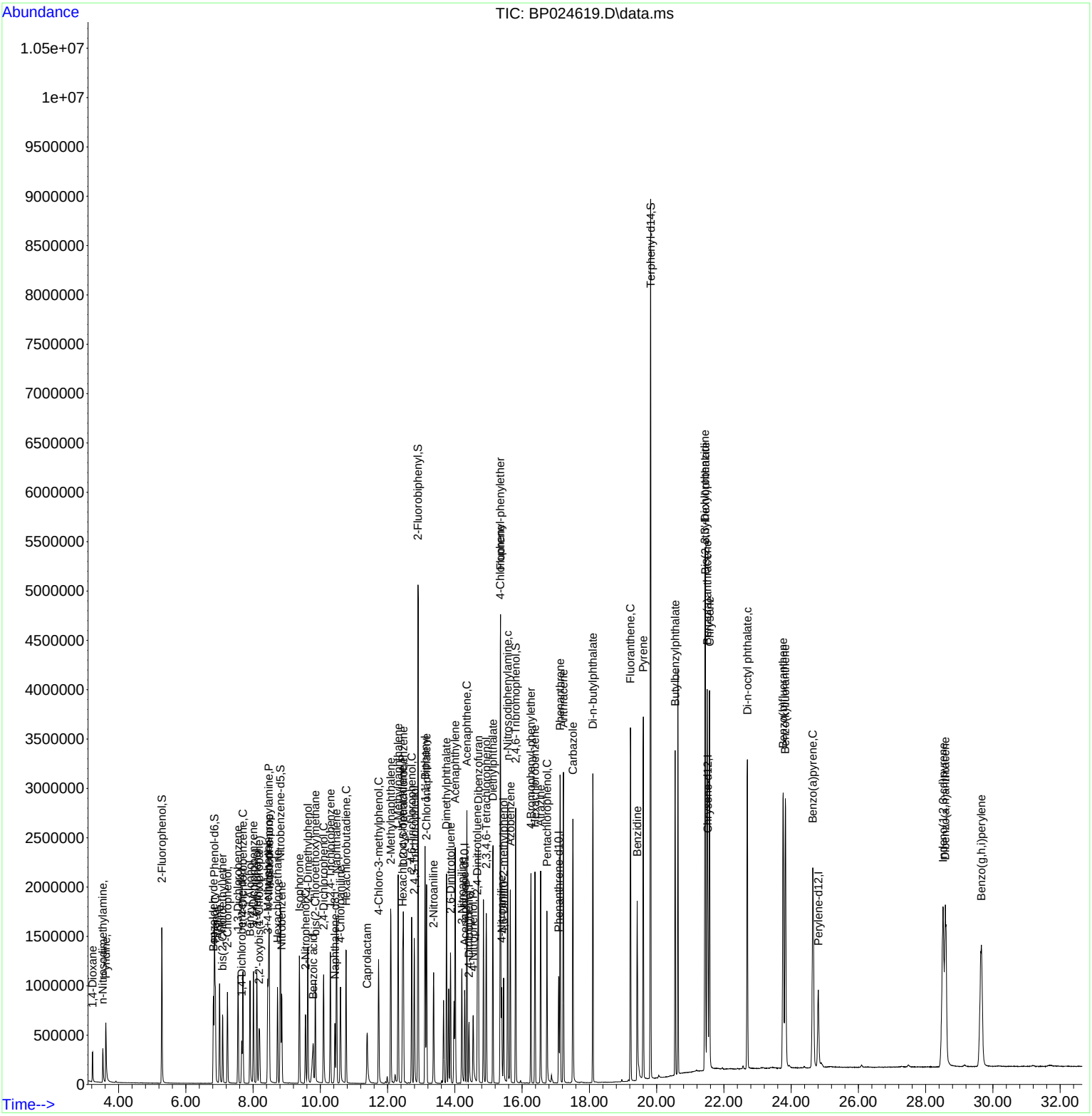
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	375330	56.24	ng	98
46) 1,1'-Biphenyl	13.116	154	1263640	53.64	ng	100
47) 2-Chloronaphthalene	13.157	162	952857	53.04	ng	99
48) 2-Nitroaniline	13.369	65	303475	57.06	ng	99
49) Acenaphthylene	14.010	152	1616938	53.79	ng	100
50) Dimethylphthalate	13.751	163	1283491	52.83	ng	99
51) 2,6-Dinitrotoluene	13.875	165	281728	54.91	ng	99
52) Acenaphthene	14.357	154	923238	53.42	ng	100
53) 3-Nitroaniline	14.210	138	302341	57.71	ng	99
54) 2,4-Dinitrophenol	14.422	184	159888	51.86	ng	98
55) Dibenzofuran	14.698	168	1447333	52.50	ng	99
56) 4-Nitrophenol	14.545	139	238294	53.99	ng	99
57) 2,4-Dinitrotoluene	14.669	165	404684	55.94	ng	98
58) Fluorene	15.357	166	1190632	52.97	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	341204	55.11	ng	100
60) Diethylphthalate	15.134	149	1305791	53.18	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	590421	52.67	ng	97
62) 4-Nitroaniline	15.392	138	298681	58.55	ng	99
63) Azobenzene	15.651	77	1121556	53.39	ng	98
65) 4,6-Dinitro-2-methylph...	15.451	198	234095	57.64	ng	98
66) n-Nitrosodiphenylamine	15.569	169	1048396	54.28	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	396385	53.50	ng	99
68) Hexachlorobenzene	16.381	284	504987	53.64	ng	99
69) Atrazine	16.551	200	389749	55.07	ng	100
70) Pentachlorophenol	16.739	266	310477	58.71	ng	98
71) Phenanthrene	17.128	178	1838891	52.61	ng	100
72) Anthracene	17.228	178	1894573	53.87	ng	100
73) Carbazole	17.510	167	1750681	55.00	ng	100
74) Di-n-butylphthalate	18.104	149	2275163	55.58	ng	100
75) Fluoranthene	19.222	202	2199818	53.84	ng	100
77) Benzidine	19.422	184	1178505	59.85	ng	99
78) Pyrene	19.604	202	2282702	53.11	ng	100
80) Butylbenzylphthalate	20.551	149	1083395	56.68	ng	97
81) Benzo(a)anthracene	21.504	228	2396398	53.20	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	966906	57.80	ng	100
83) Chrysene	21.574	228	2250800	52.71	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	1585070	56.42	ng	100
85) Di-n-octyl phthalate	22.698	149	2614856	56.91	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	3262830	55.06	ng	99
88) Benzo(b)fluoranthene	23.763	252	2612438	56.25	ng	99
89) Benzo(k)fluoranthene	23.827	252	2552663	53.34	ng	99
90) Benzo(a)pyrene	24.645	252	2475976	55.51	ng	100
91) Dibenzo(a,h)anthracene	28.586	278	2679367	55.60	ng	99
92) Benzo(g,h,i)perylene	29.656	276	2625625	54.79	ng	99

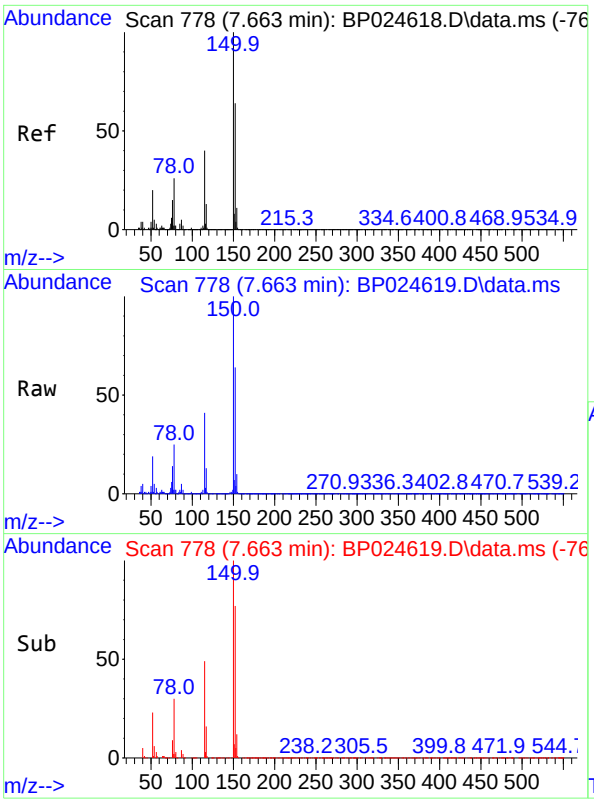
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024619.D
Acq On : 13 May 2025 14:05
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: May 13 16:07:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



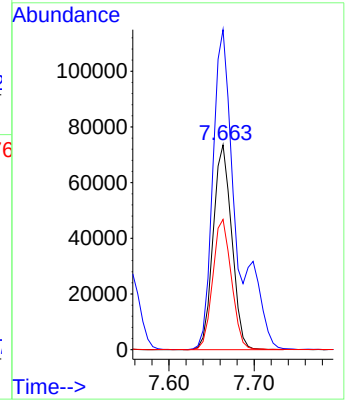


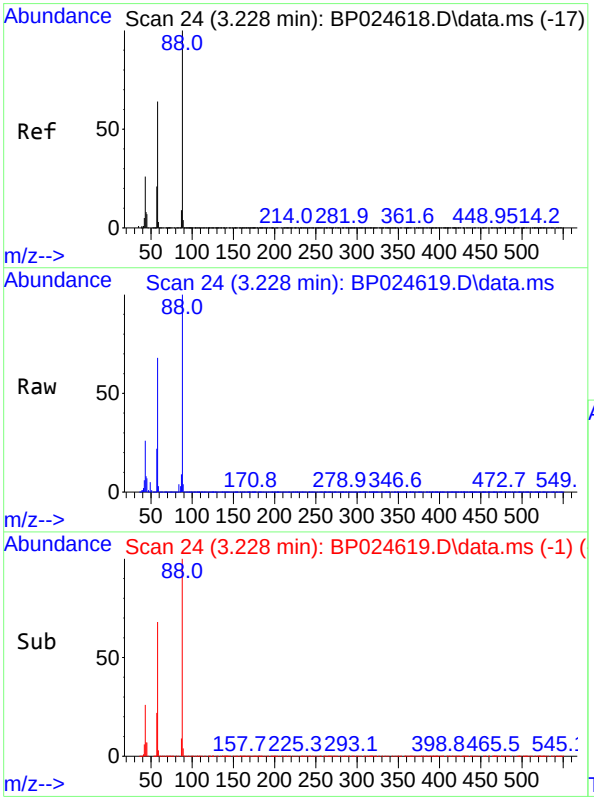
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 111395

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.9	188.9
115	63.6	50.1	75.1

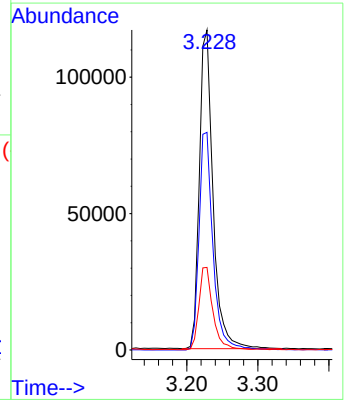


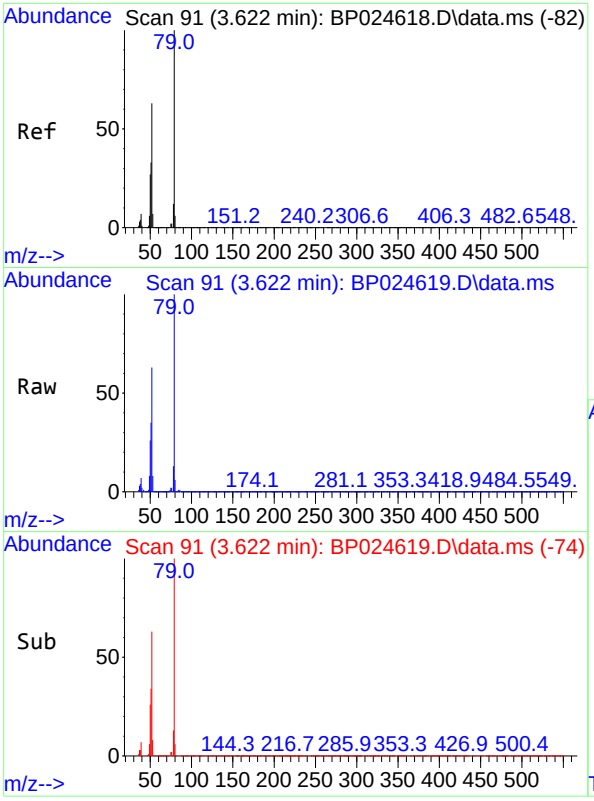


#2
1,4-Dioxane
Concen: 51.20 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 88 Resp: 156571

Ion	Ratio	Lower	Upper
88	100		
58	70.0	54.0	81.0
43	26.5	21.4	32.0



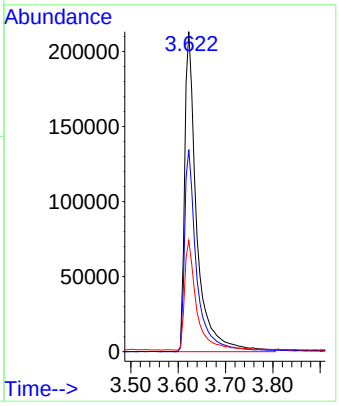


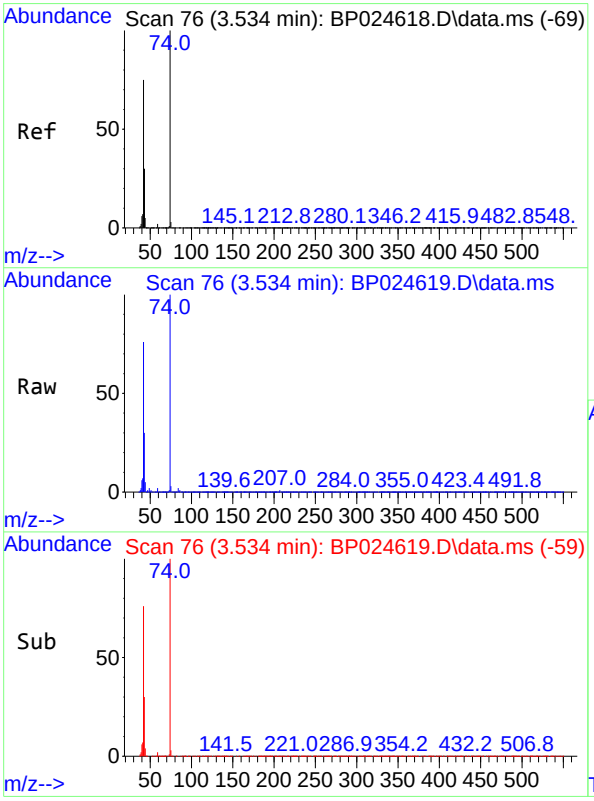
#3
Pyridine
Concen: 55.97 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 379522

Ion	Ratio	Lower	Upper
79	100		
52	63.2	50.2	75.2
51	34.8	26.8	40.2

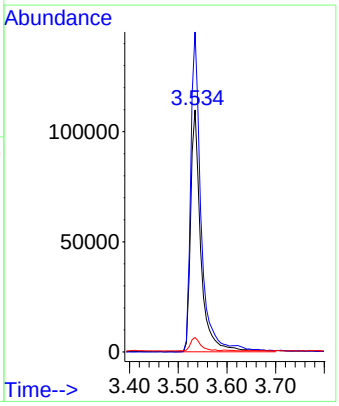


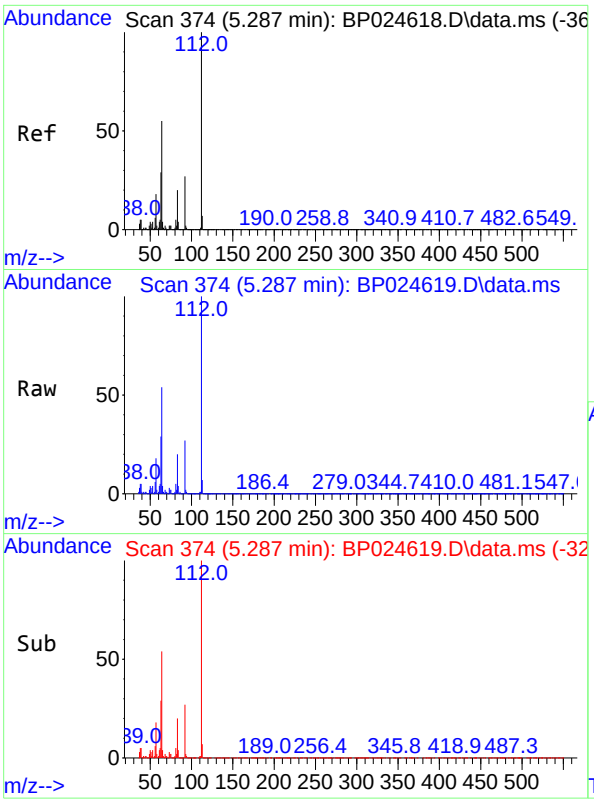


#4
n-Nitrosodimethylamine
Concen: 54.00 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 42 Resp: 161654

Ion	Ratio	Lower	Upper
42	100		
74	132.2	106.2	159.2
44	6.0	5.4	8.2



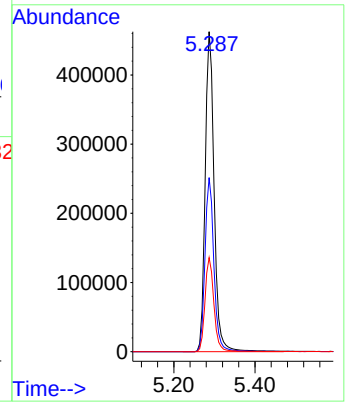


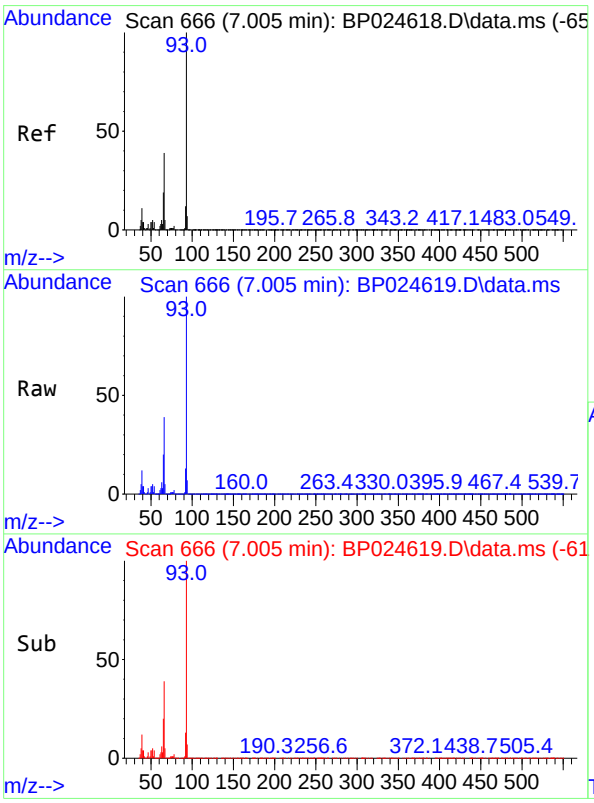
#5
2-Fluorophenol
Concen: 108.80 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 708626

Ion	Ratio	Lower	Upper
112	100		
64	54.4	44.1	66.1
63	29.4	23.5	35.3

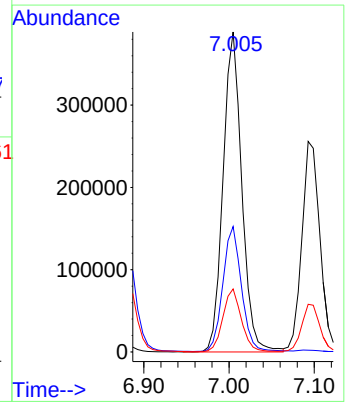


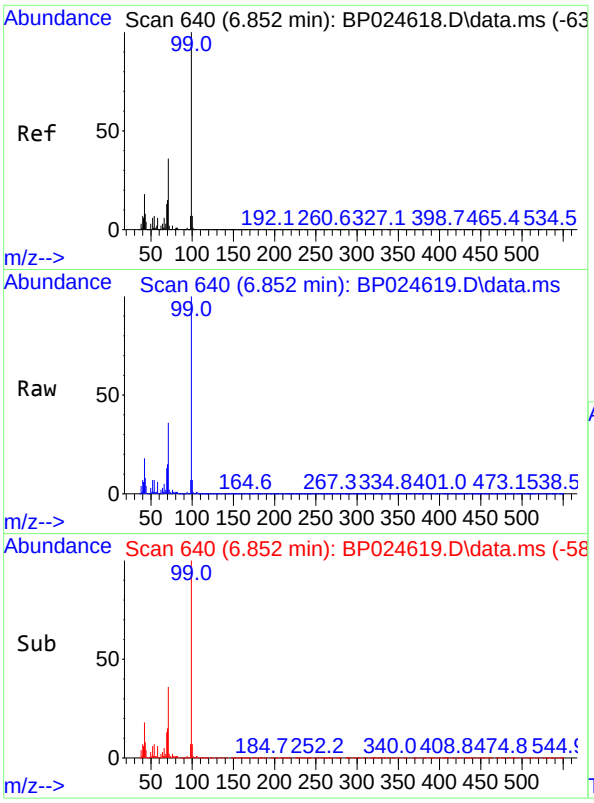


#6
Aniline
Concen: 55.27 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 93 Resp: 593141

Ion	Ratio	Lower	Upper
93	100		
66	39.2	31.0	46.6
65	19.7	15.5	23.3



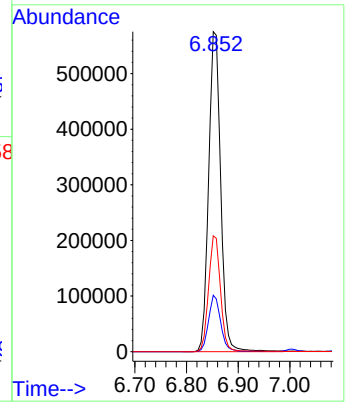


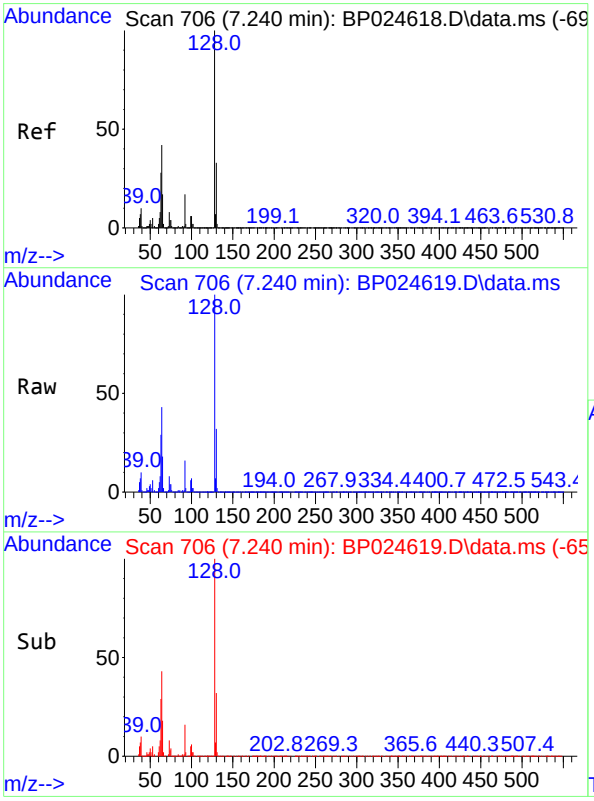
#7
Phenol-d6
Concen: 111.94 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 930484

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.4	21.6
71	36.2	29.2	43.8

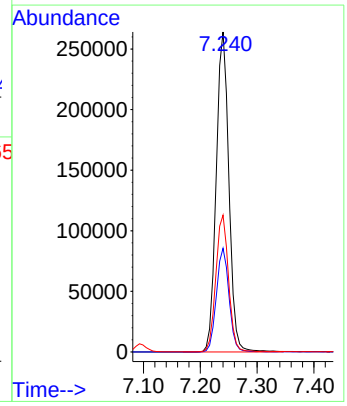


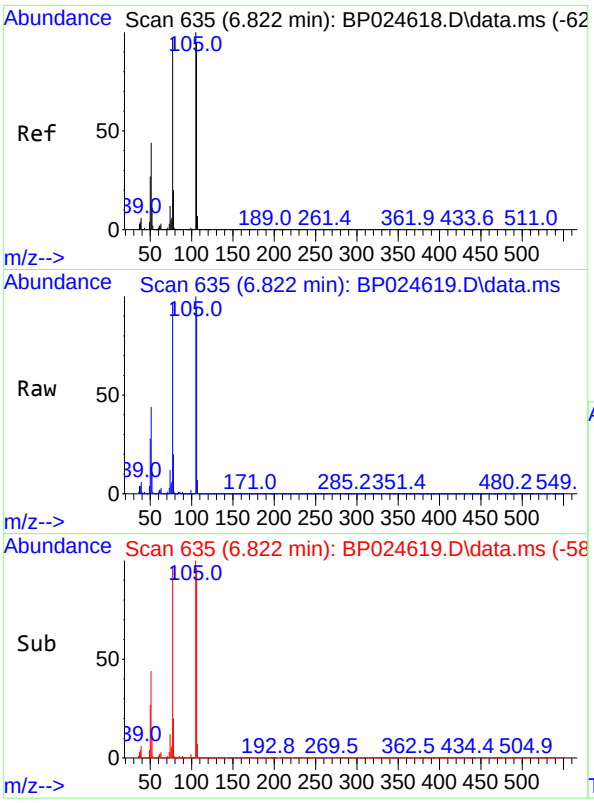


#8
2-Chlorophenol
Concen: 55.19 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:128 Resp: 408016

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	42.8	22.3	62.3



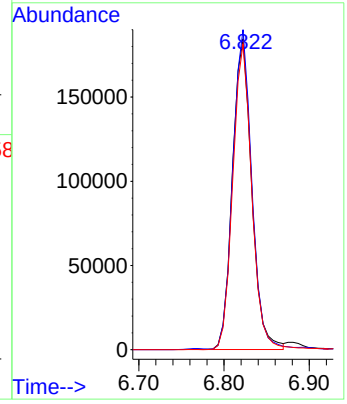


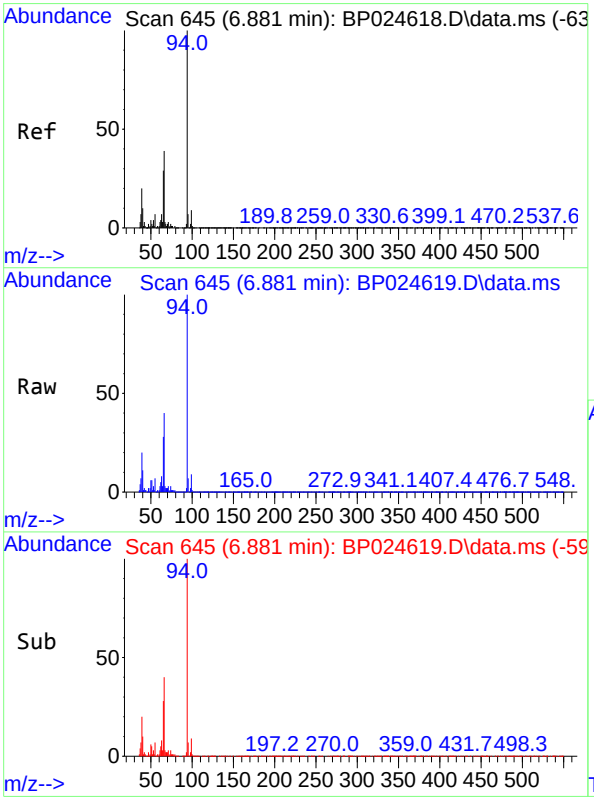
#9
Benzaldehyde
Concen: 54.06 ng
RT: 6.822 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 290405

Ion	Ratio	Lower	Upper
77	100		
105	103.0	83.3	123.3
106	98.4	78.0	118.0

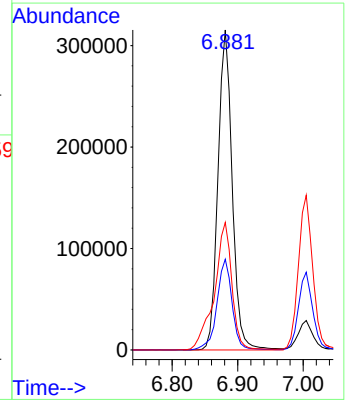


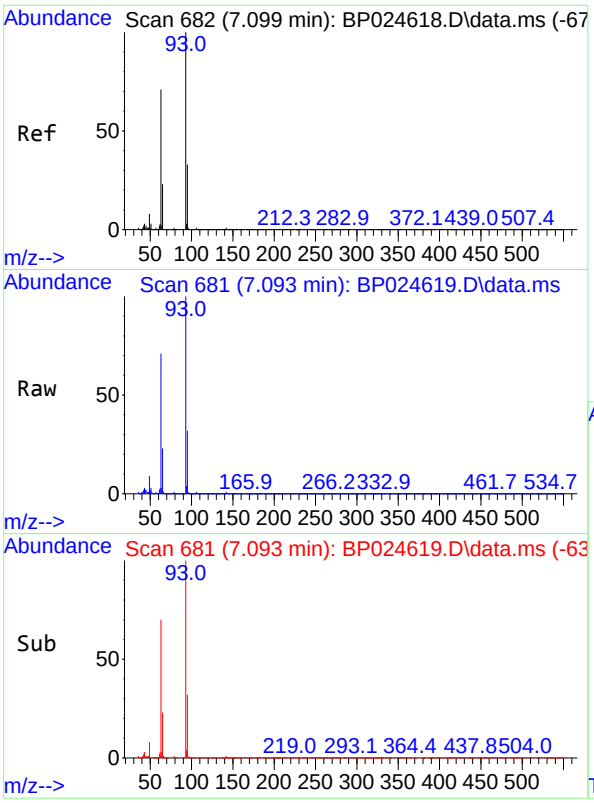


#10
Phenol
Concen: 55.41 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 94 Resp: 475413

Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.7	48.7
66	39.9	19.4	59.4



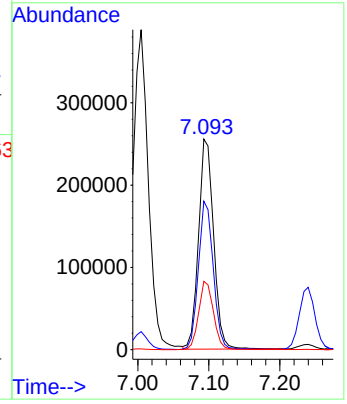


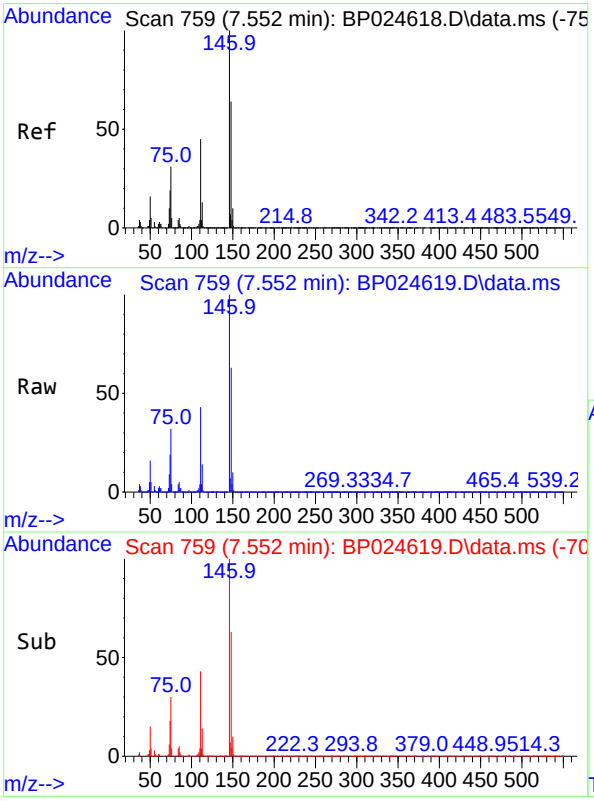
#11
bis(2-Chloroethyl)ether
Concen: 53.59 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 377787

Ion	Ratio	Lower	Upper
93	100		
63	70.5	50.6	90.6
95	32.5	12.9	52.9

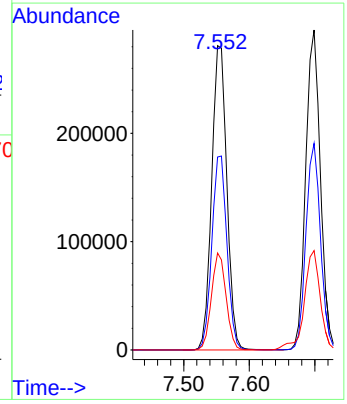


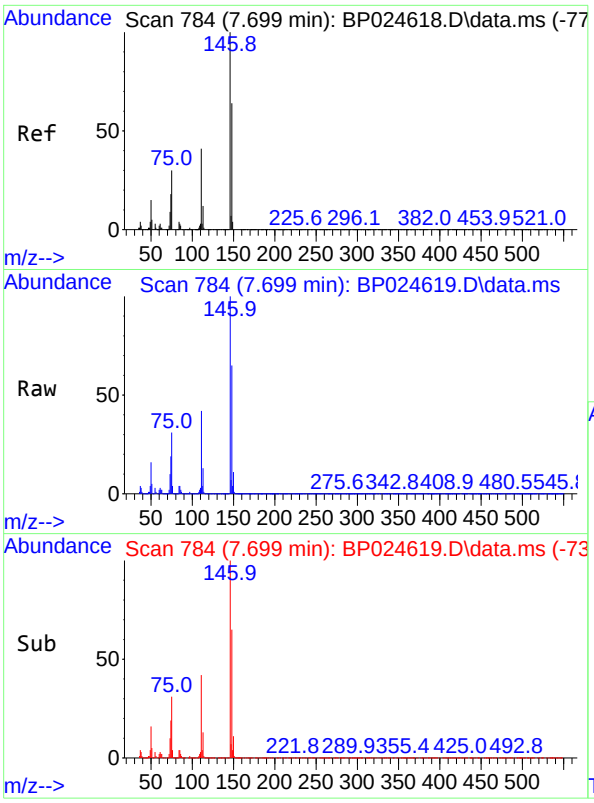


#12
1,3-Dichlorobenzene
Concen: 53.11 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:146 Resp: 451750

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
75	31.9	25.2	37.8



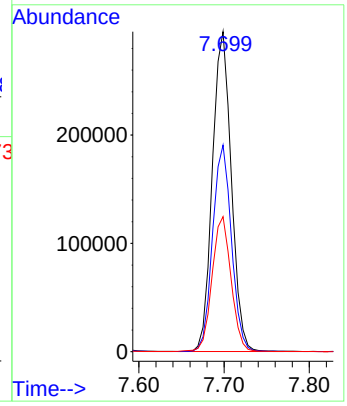


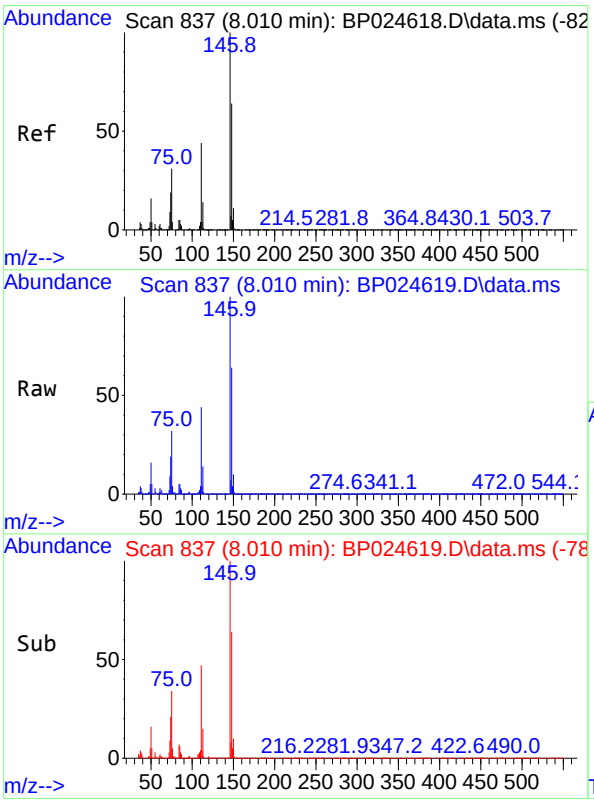
#13
1,4-Dichlorobenzene
Concen: 53.28 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 455796

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
111	42.2	33.0	49.6

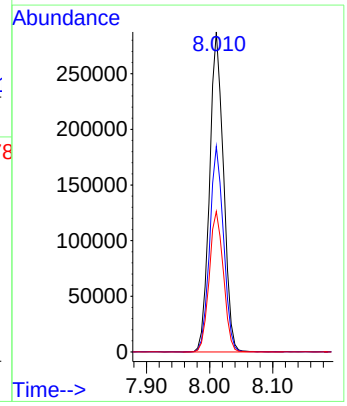


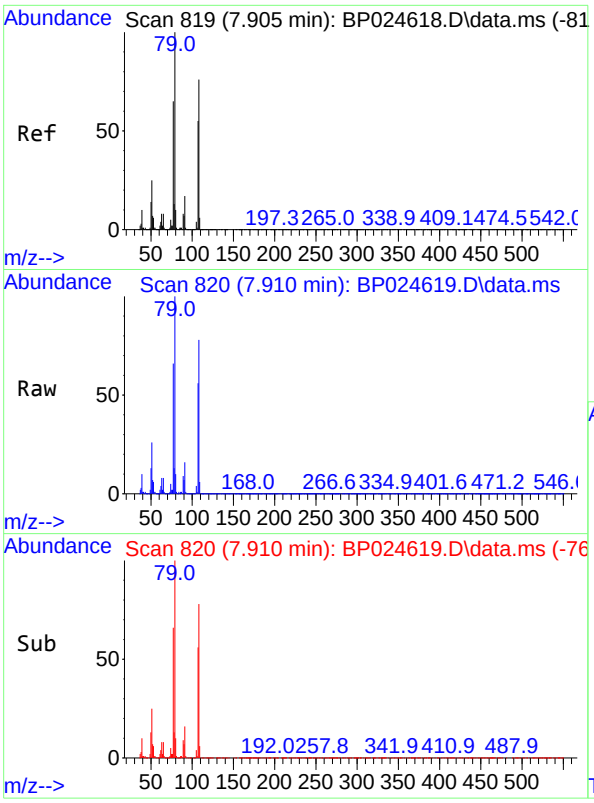


#14
1,2-Dichlorobenzene
Concen: 52.74 ng
RT: 8.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:146 Resp: 439707

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.4
111	43.9	35.2	52.8



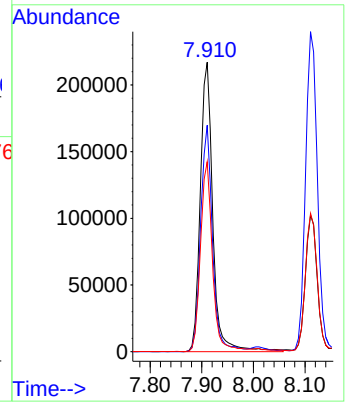


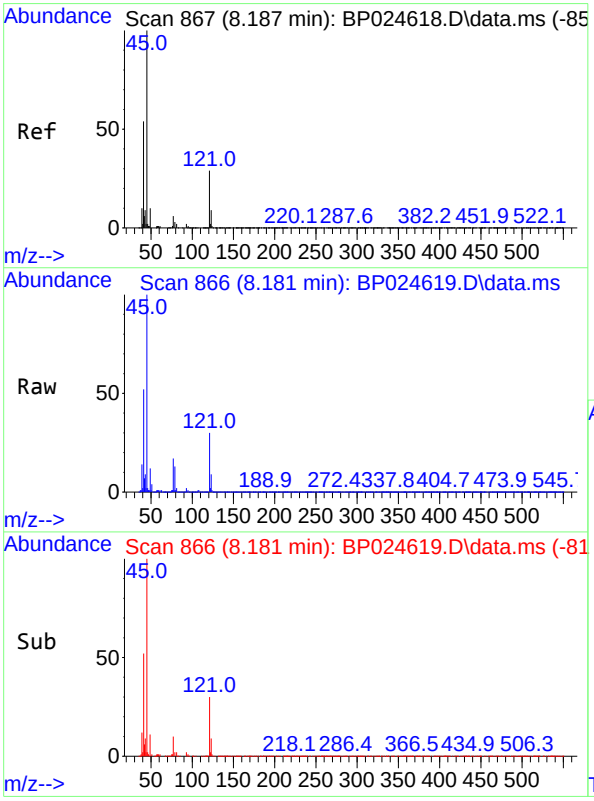
#15
Benzyl Alcohol
Concen: 57.58 ng
RT: 7.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 363689

Ion	Ratio	Lower	Upper
79	100		
108	78.2	60.8	91.2
77	65.6	51.9	77.9

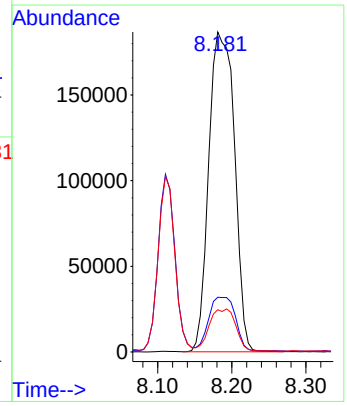


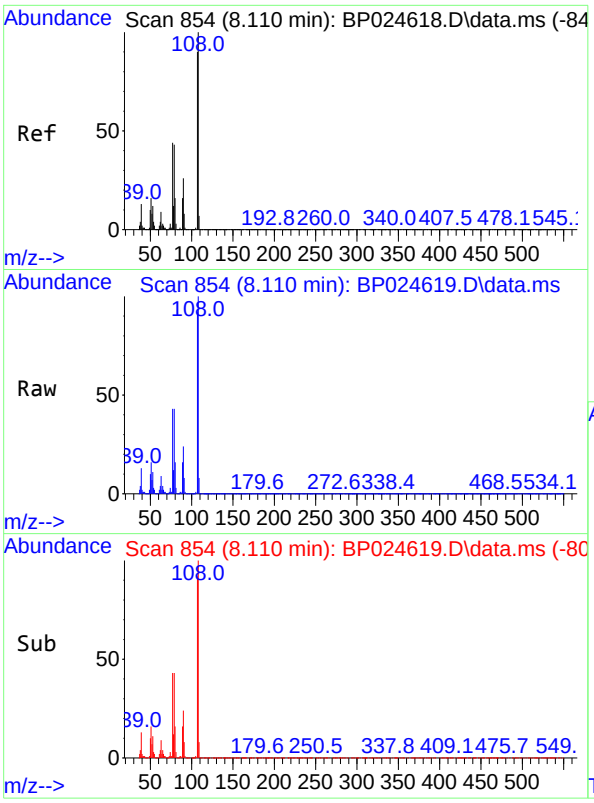


#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.33 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 45 Resp: 450215

Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	37.7
79	13.2	0.0	34.0



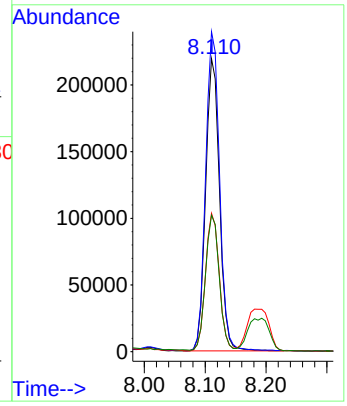


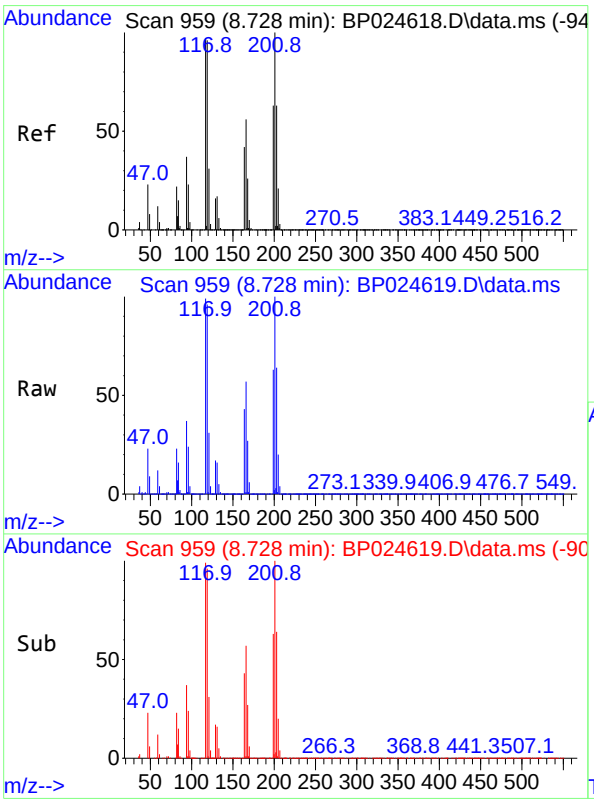
#17
2-Methylphenol
Concen: 56.40 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 347065

Ion	Ratio	Lower	Upper
107	100		
108	109.2	88.9	133.3
77	47.2	39.0	58.6
79	46.6	38.4	57.6

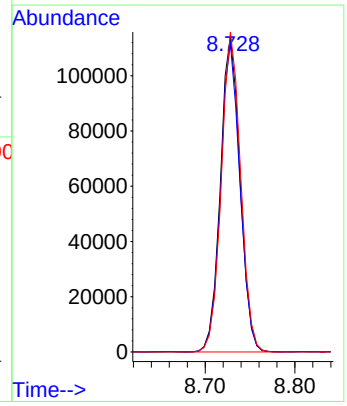


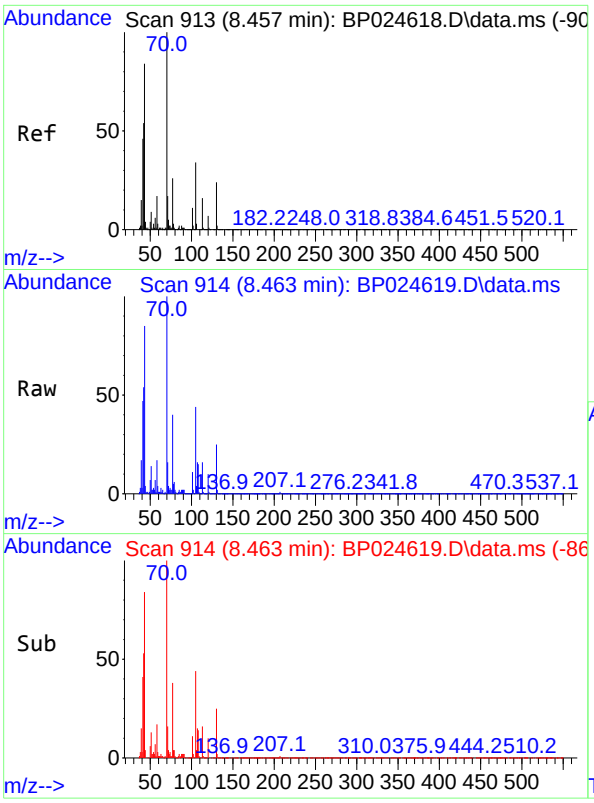


#18
Hexachloroethane
Concen: 52.95 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:117 Resp: 173580

Ion	Ratio	Lower	Upper
117	100		
119	97.5	79.4	119.0
201	101.3	82.7	124.1



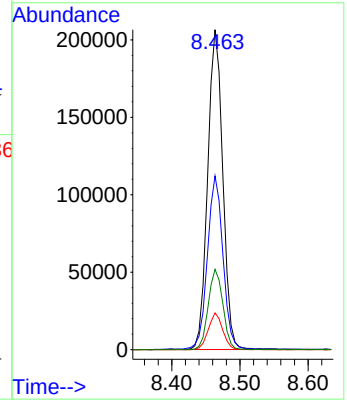


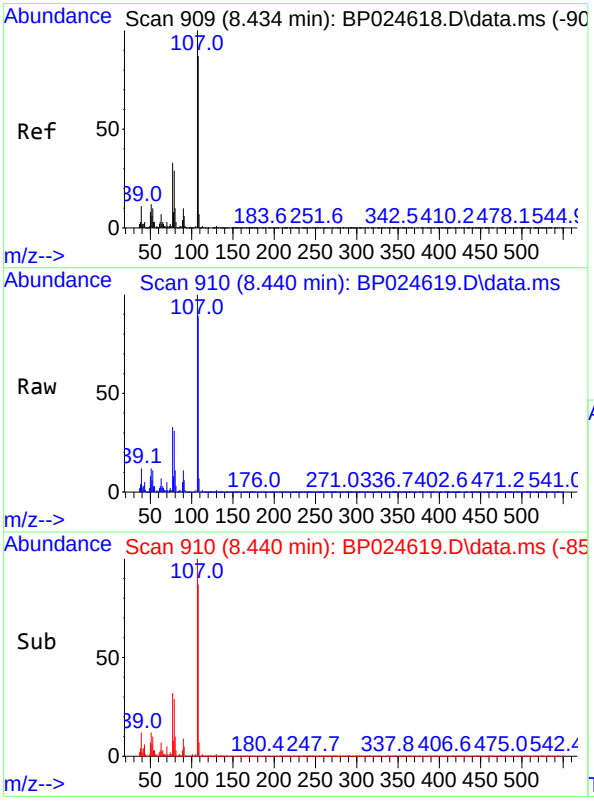
#19
n-Nitroso-di-n-propylamine
Concen: 55.32 ng
RT: 8.463 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 318058

Ion	Ratio	Lower	Upper
70	100		
42	54.3	43.0	64.6
101	11.5	8.7	13.1
130	25.1	19.4	29.0

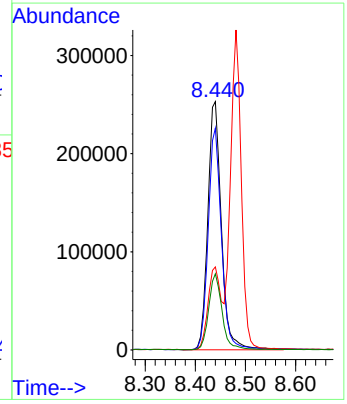


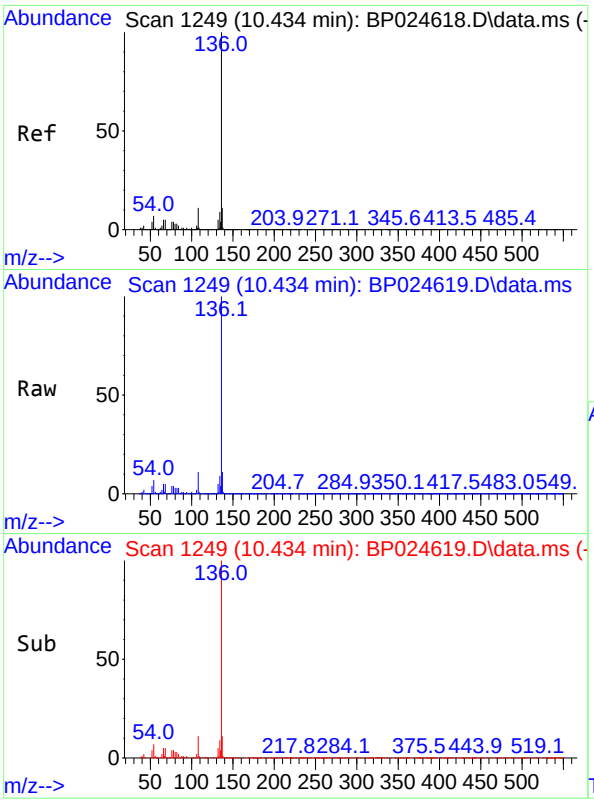


#20
3+4-Methylphenols
Concen: 56.64 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:107 Resp: 474048

Ion	Ratio	Lower	Upper
107	100		
108	89.3	66.7	106.7
77	33.4	13.1	53.1
79	30.7	8.9	48.9



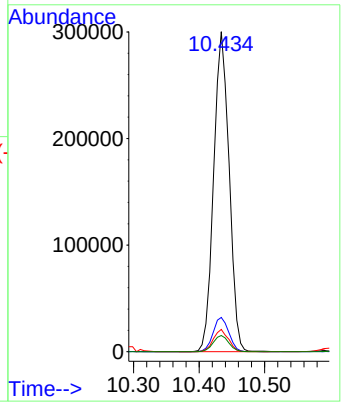


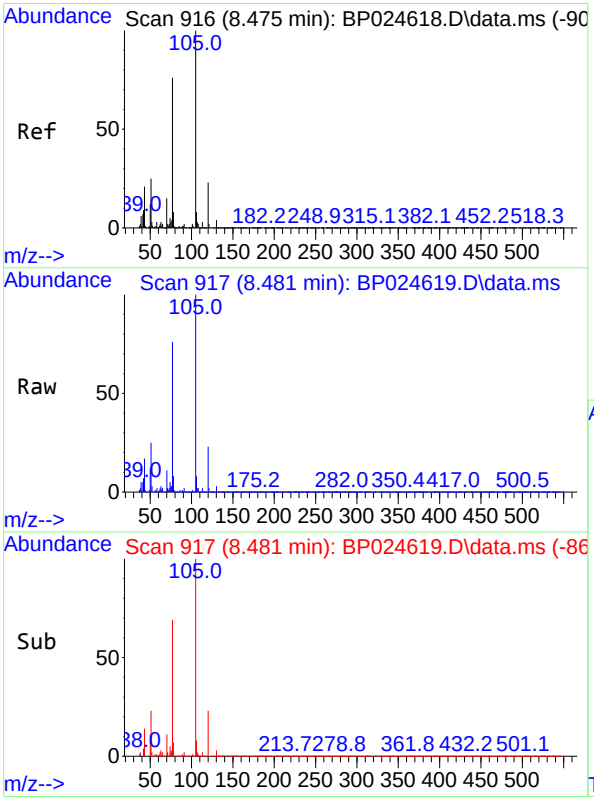
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 489806

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.0	5.5	8.3
68	5.0	4.2	6.2

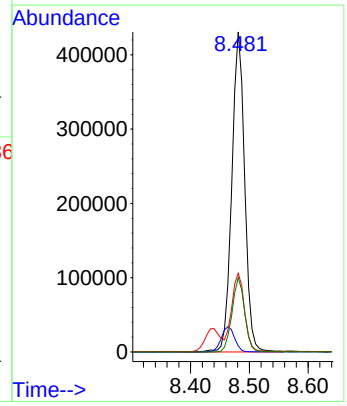


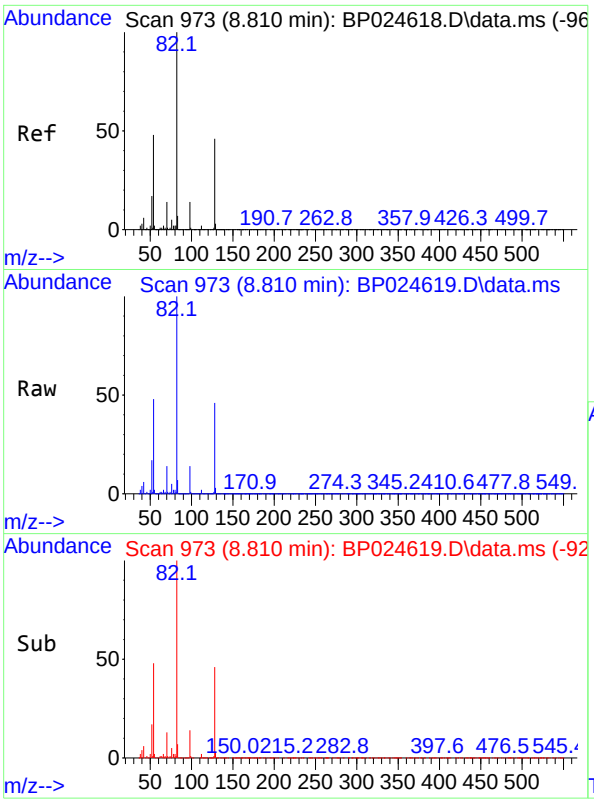


#22
Acetophenone
Concen: 53.44 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:105 Resp: 653878

Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.0	3.0#
51	24.6	20.4	30.6
120	23.2	18.1	27.1



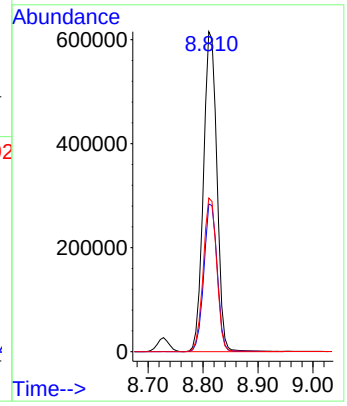


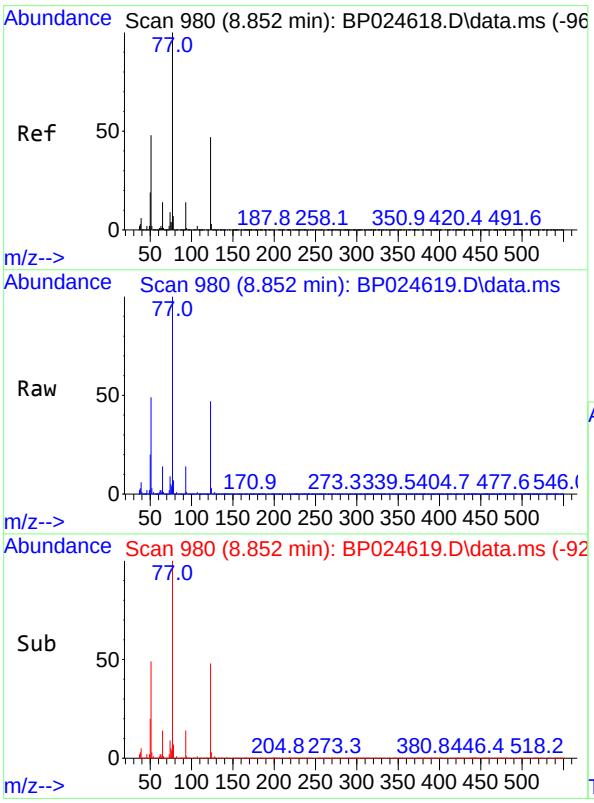
#23
Nitrobenzene-d5
Concen: 108.26 ng
RT: 8.810 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1049445

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	48.0	38.7	58.1

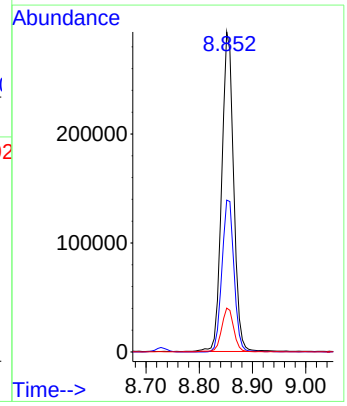


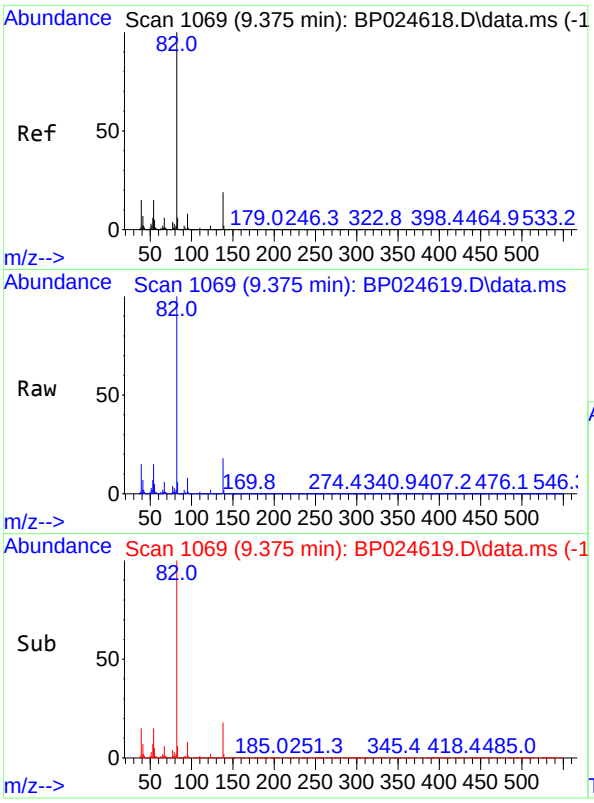


#24
Nitrobenzene
Concen: 53.56 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 77 Resp: 456929

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.4	56.0
65	13.7	11.3	16.9



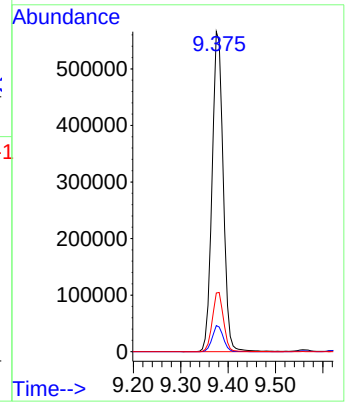


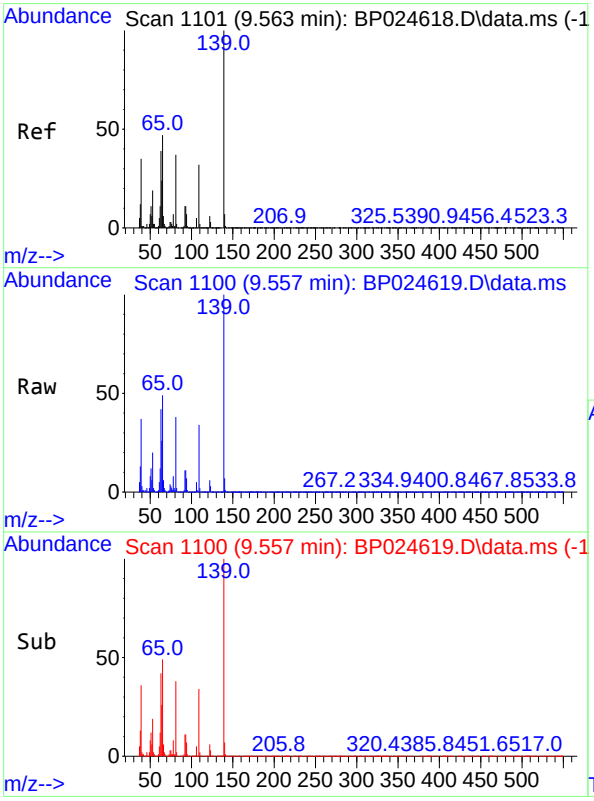
#25
Isophorone
Concen: 54.82 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 921892

Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.3	9.5
138	18.3	15.3	22.9

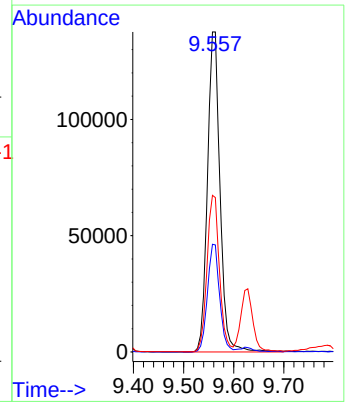


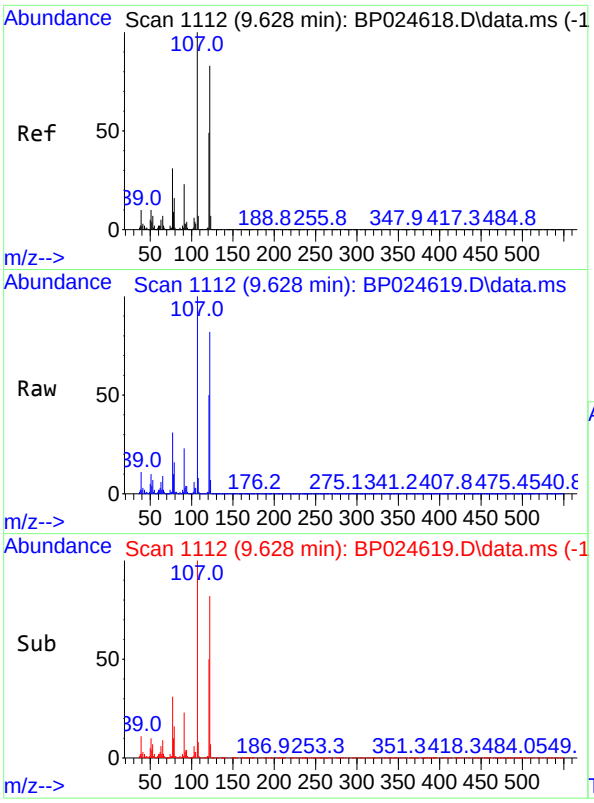


#26
2-Nitrophenol
Concen: 57.38 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:139 Resp: 239844

Ion	Ratio	Lower	Upper
139	100		
109	33.6	25.9	38.9
65	49.0	37.9	56.9



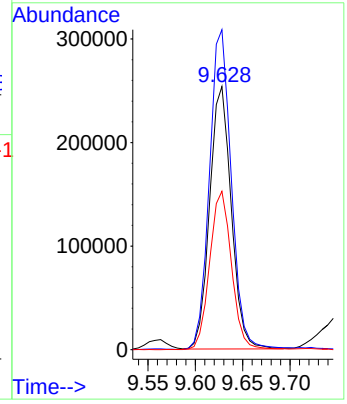


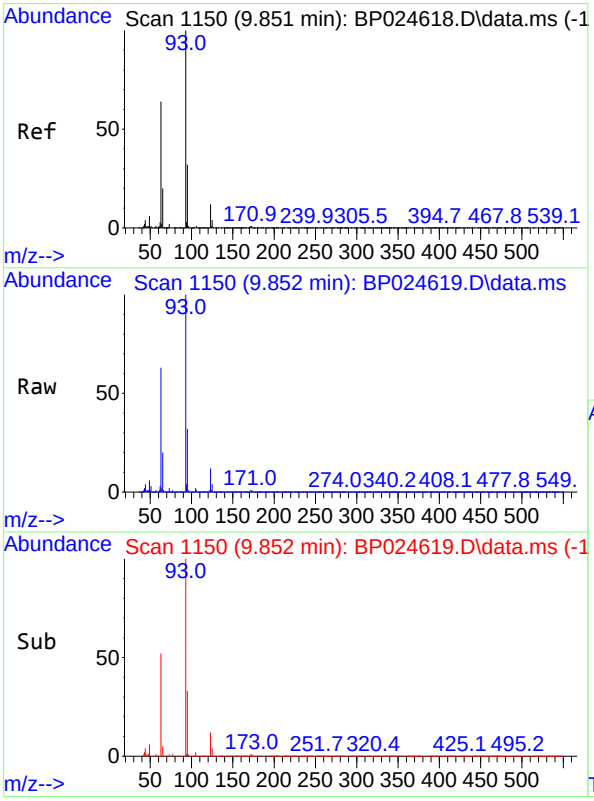
#27
2,4-Dimethylphenol
Concen: 54.62 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 402585

Ion	Ratio	Lower	Upper
122	100		
107	121.6	96.2	144.2
121	60.2	47.6	71.4

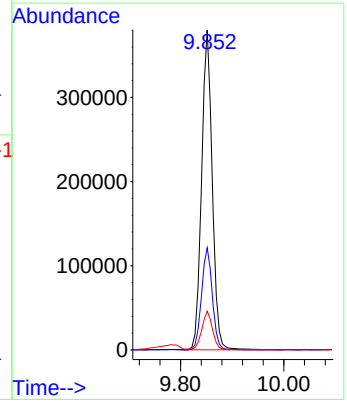


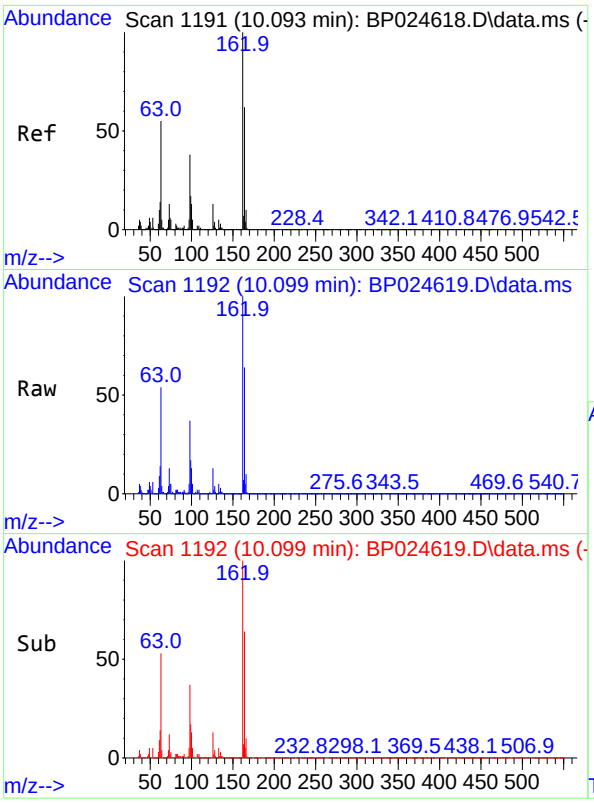


#28
bis(2-Chloroethoxy)methane
Concen: 54.01 ng
RT: 9.852 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 93 Resp: 542581

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	12.2	9.7	14.5



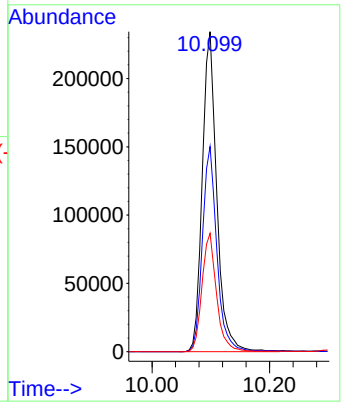


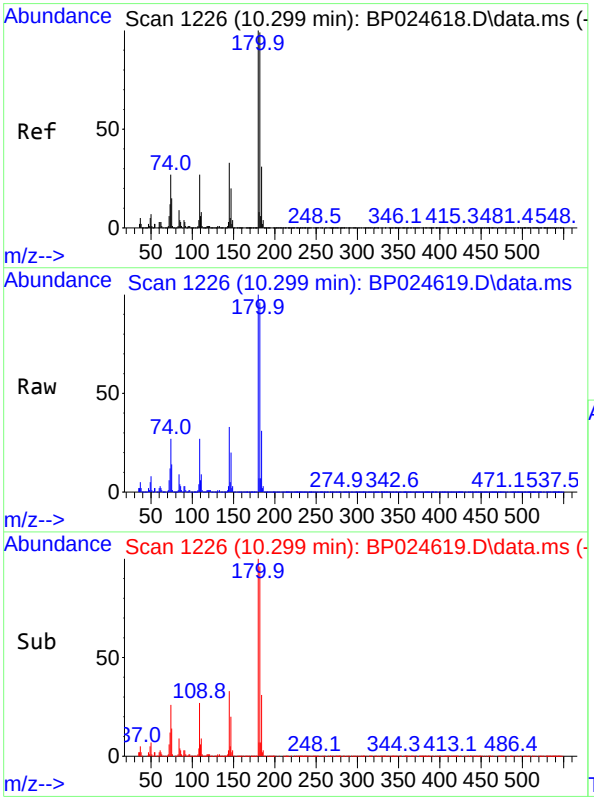
#29
2,4-Dichlorophenol
Concen: 56.14 ng
RT: 10.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 400983

Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.3	82.3
98	37.0	18.4	58.4

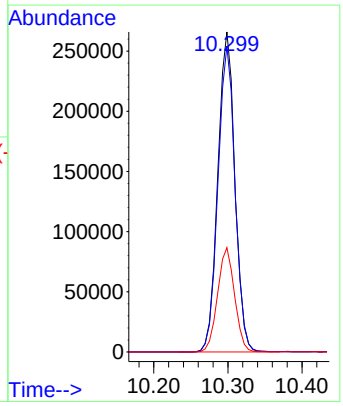


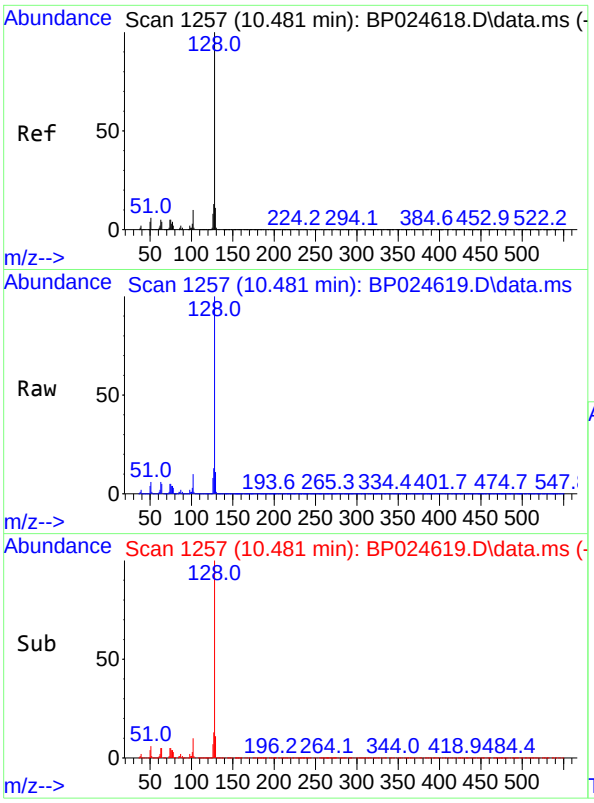


#30
1,2,4-Trichlorobenzene
Concen: 52.75 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:180 Resp: 424561

Ion	Ratio	Lower	Upper
180	100		
182	95.5	79.0	118.4
145	32.6	26.6	39.8



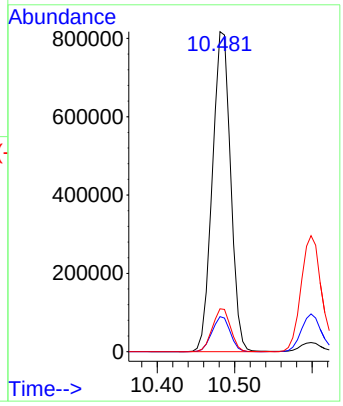


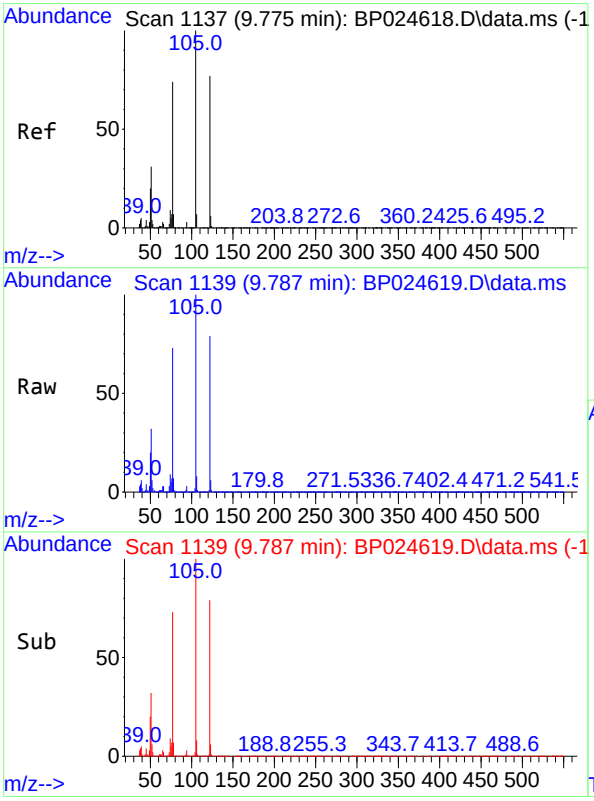
#31
Naphthalene
Concen: 52.65 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 1336265

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.4	10.7	16.1

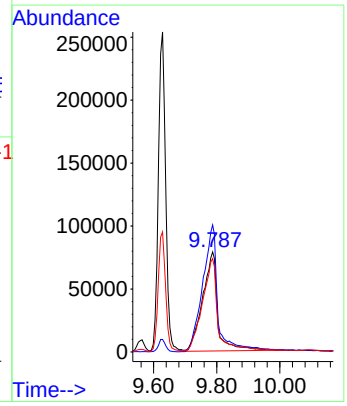


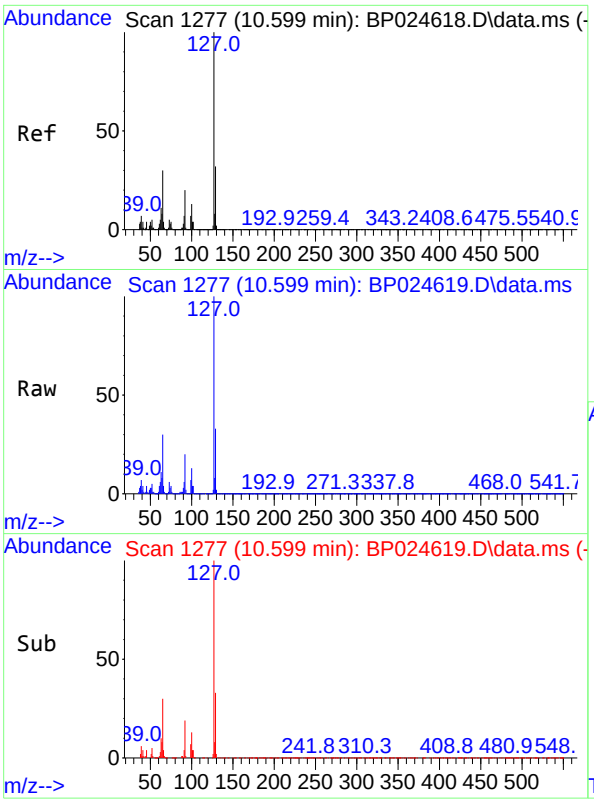


#32
Benzoic acid
Concen: 50.71 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:122 Resp: 263657

Ion	Ratio	Lower	Upper
122	100		
105	127.2	106.9	146.9
77	93.3	75.1	115.1



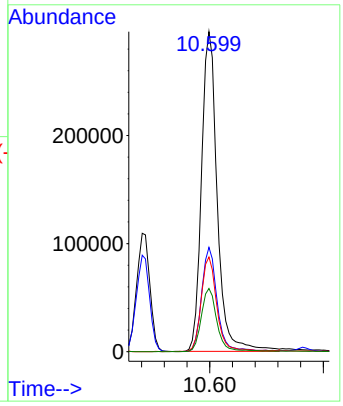


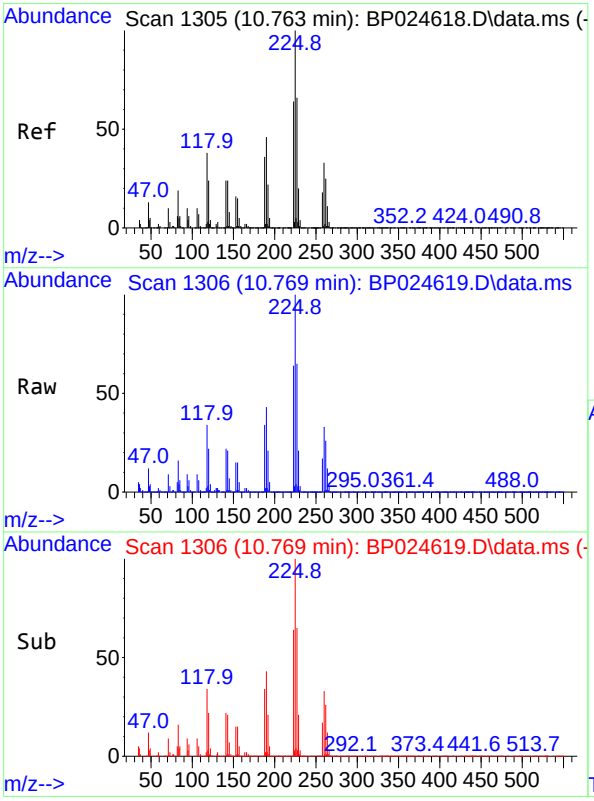
#33
4-Chloroaniline
Concen: 55.63 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 569812

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	29.6	23.9	35.9
92	19.7	16.1	24.1

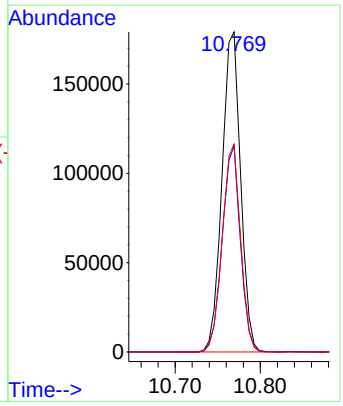


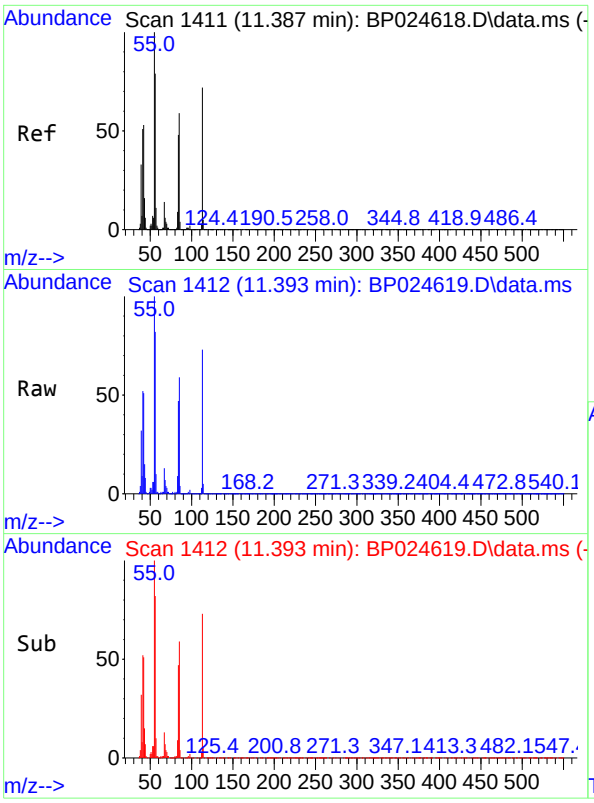


#34
Hexachlorobutadiene
Concen: 52.09 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:225 Resp: 271578

Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	64.9	53.1	79.7



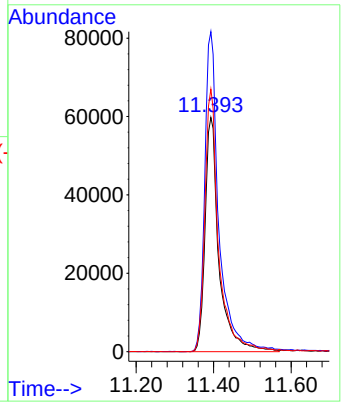


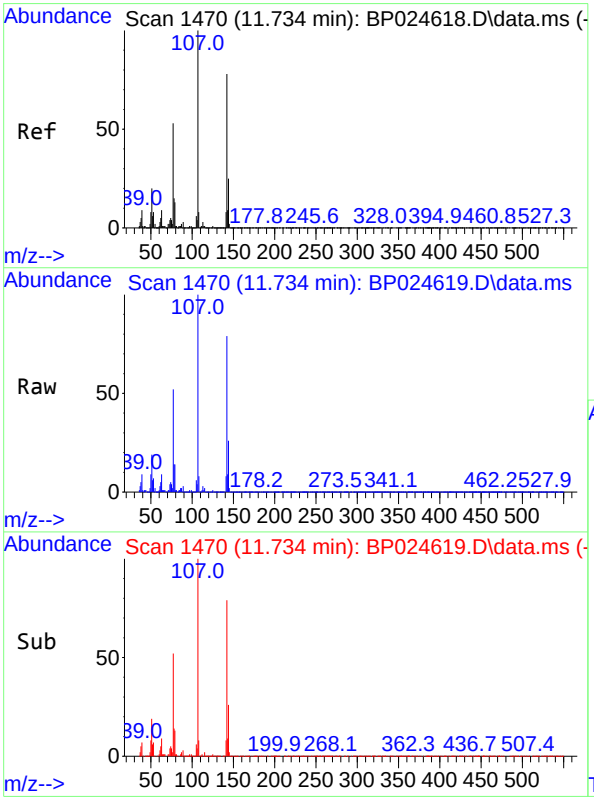
#35
Caprolactam
Concen: 57.53 ng
RT: 11.393 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 148586

Ion	Ratio	Lower	Upper
113	100		
55	136.6	119.0	159.0
56	112.0	90.3	130.3

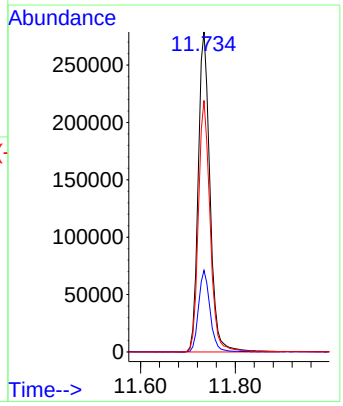


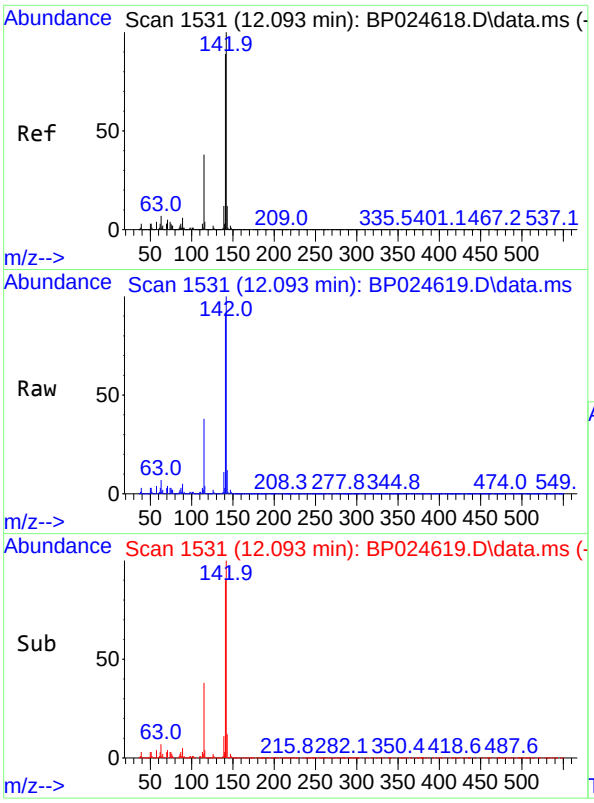


#36
4-Chloro-3-methylphenol
Concen: 54.97 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:107 Resp: 478787

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.1	30.1
142	78.6	62.1	93.1



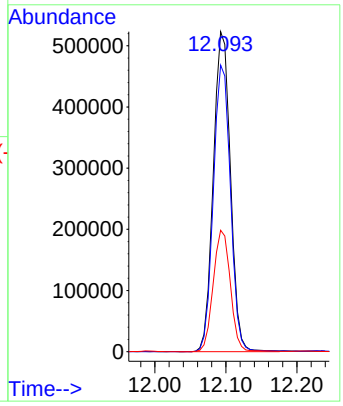


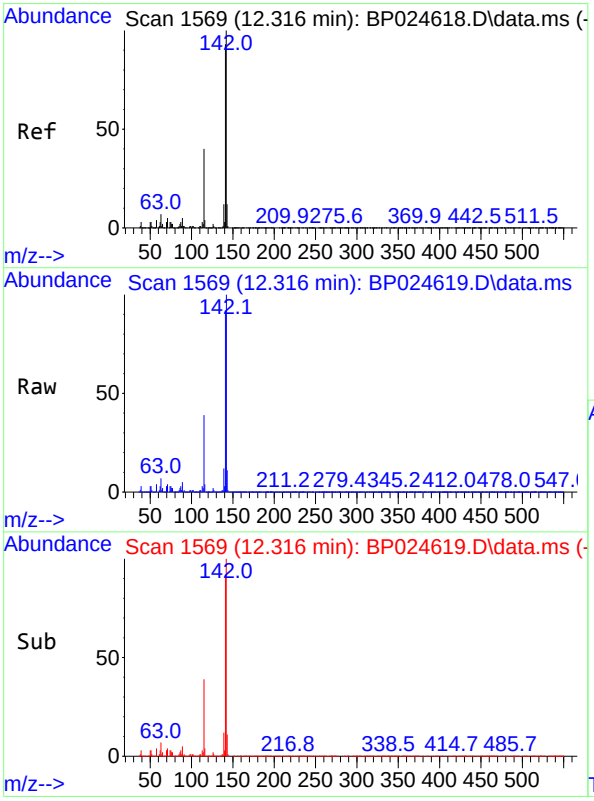
#37
2-Methylnaphthalene
Concen: 53.13 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 873274

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.2	106.8
115	37.9	30.6	46.0

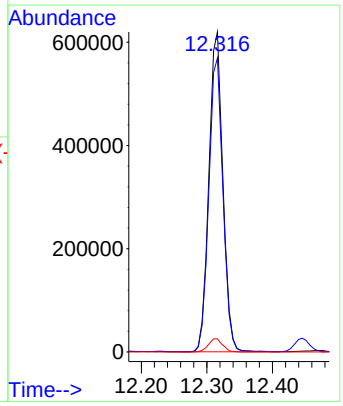


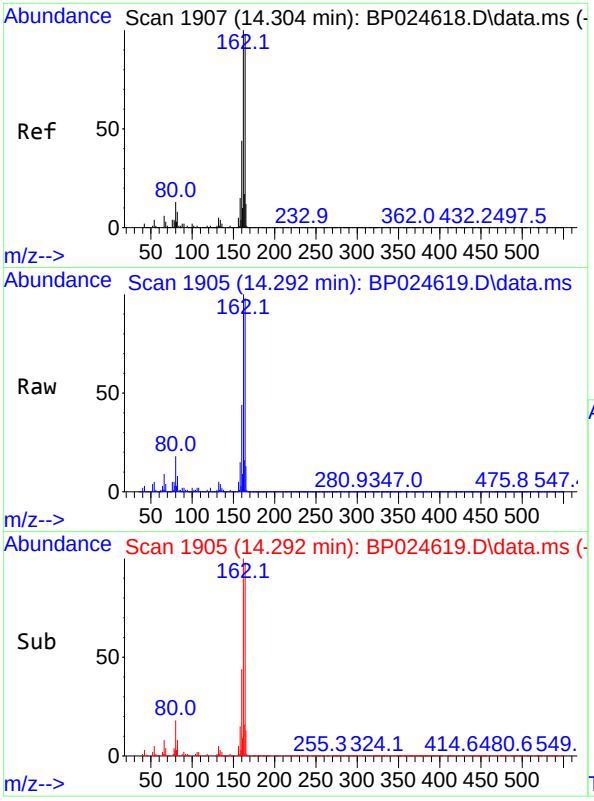


#38
1-Methylnaphthalene
Concen: 52.31 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:142 Resp: 919827

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.7	112.1
116	4.1	3.4	5.2



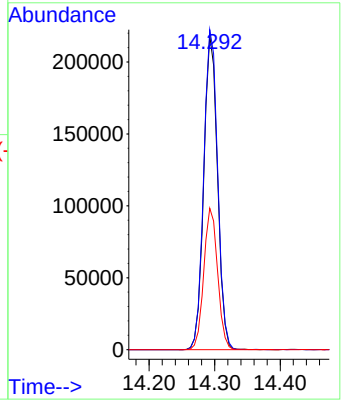


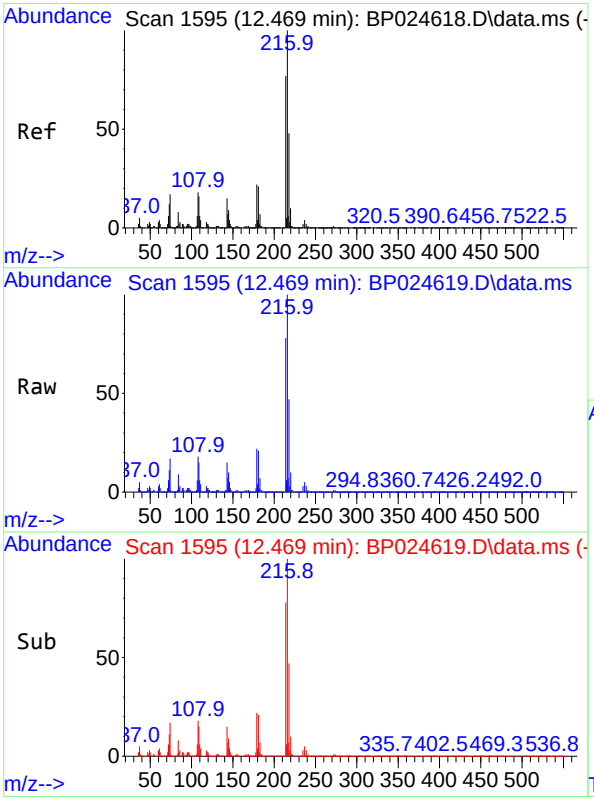
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 318760

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.8	122.6
160	45.1	36.3	54.5

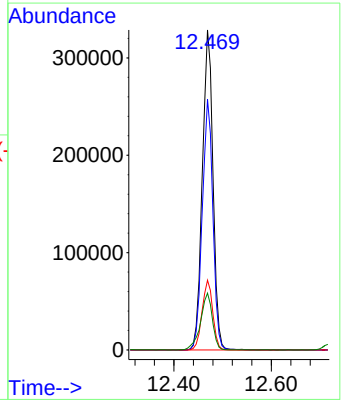


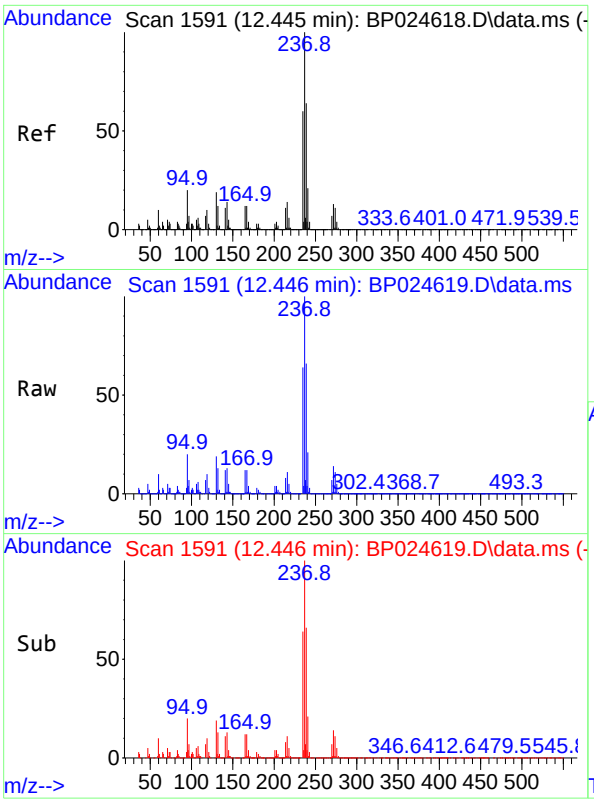


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.78 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:216 Resp: 497848

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.3	93.5
179	21.9	17.7	26.5
108	19.7	16.0	24.0



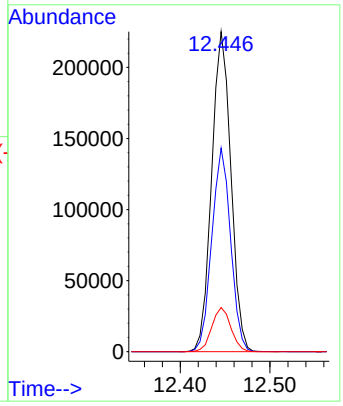


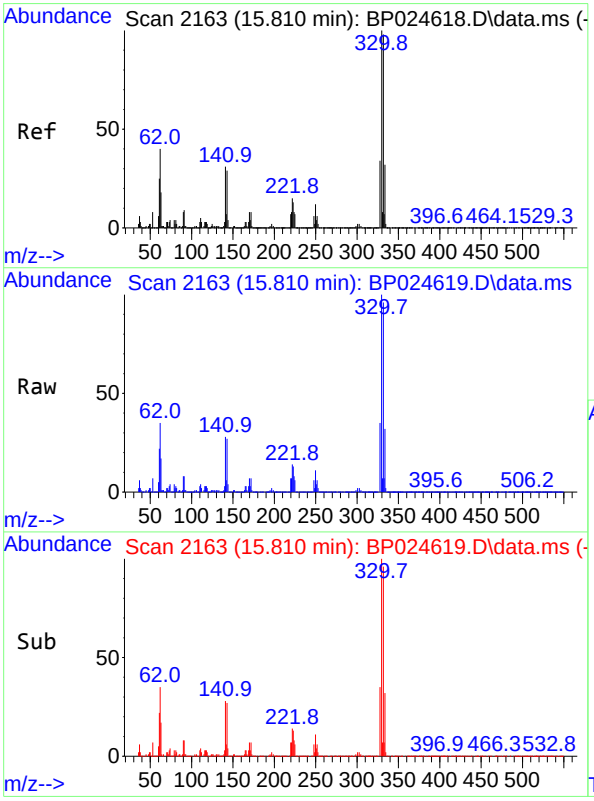
#41
Hexachlorocyclopentadiene
Concen: 59.64 ng
RT: 12.446 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 334752

Ion	Ratio	Lower	Upper
237	100		
235	63.6	39.9	79.9
272	13.8	0.0	33.2

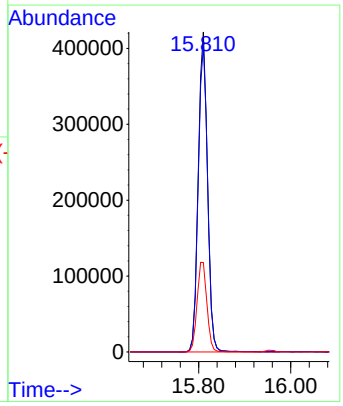


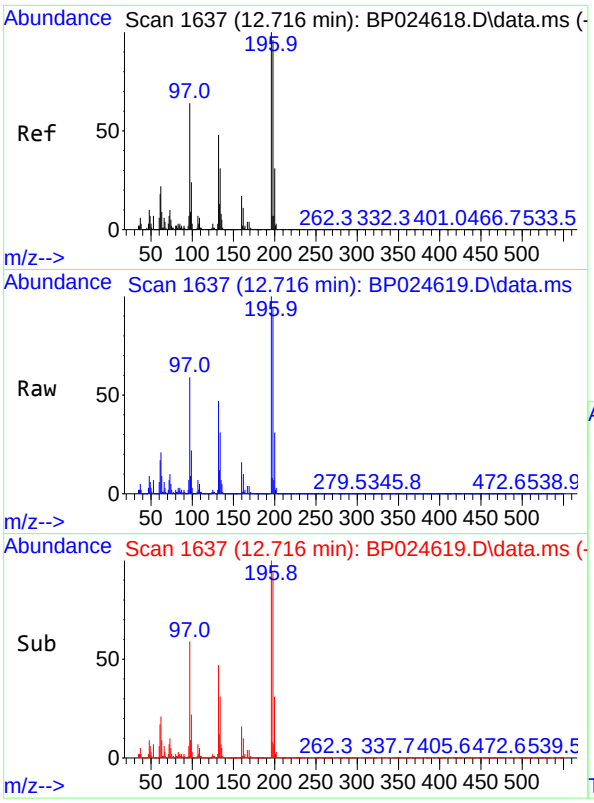


#42
2,4,6-Tribromophenol
Concen: 108.72 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:330 Resp: 587523

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.4
141	29.7	24.3	36.5



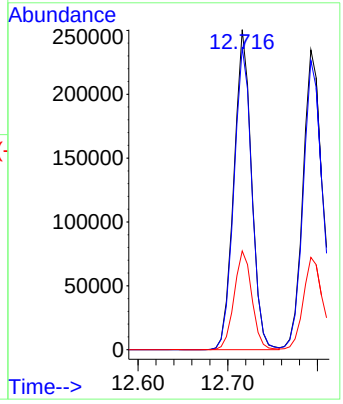


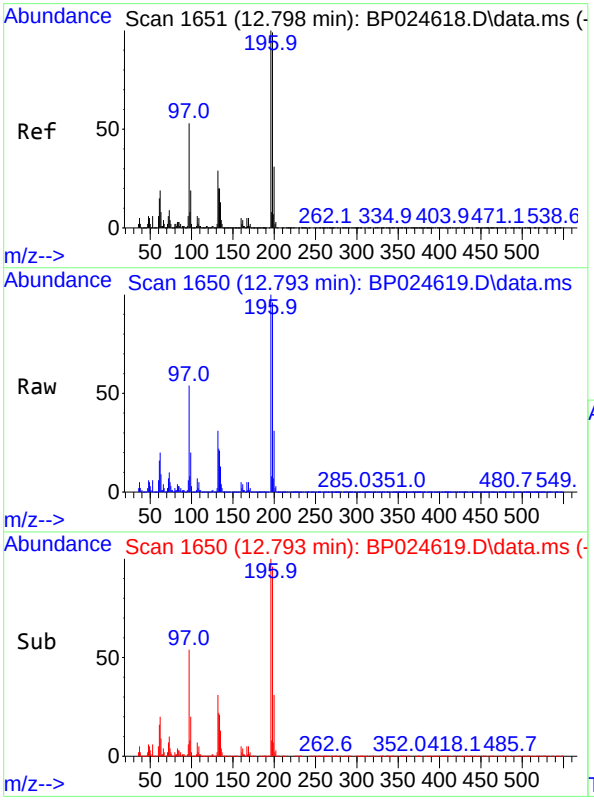
#43
2,4,6-Trichlorophenol
Concen: 56.89 ng
RT: 12.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 341059

Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.9	115.3
200	30.9	25.2	37.8

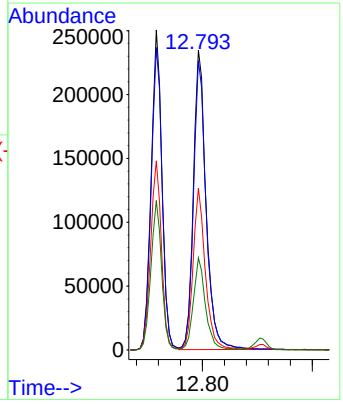


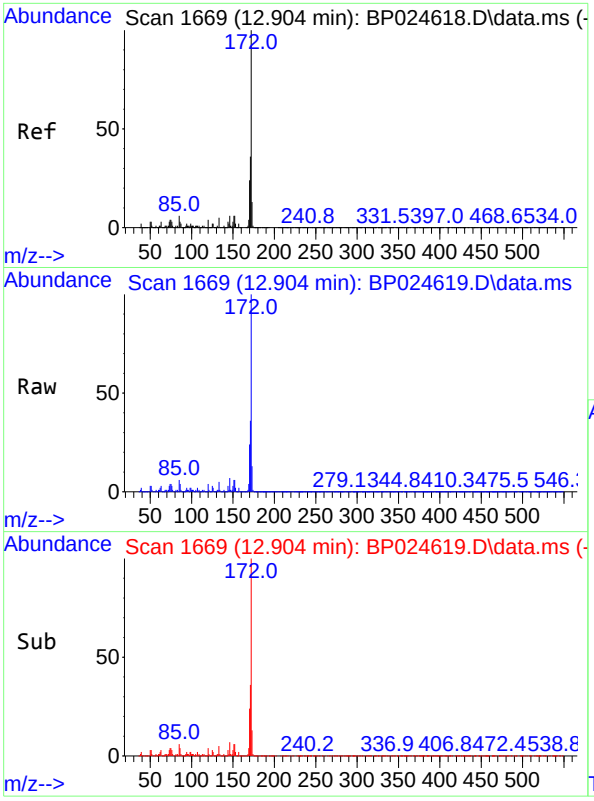


#44
2,4,5-Trichlorophenol
Concen: 56.24 ng
RT: 12.793 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:196 Resp: 375330

Ion	Ratio	Lower	Upper
196	100		
198	96.5	79.2	118.8
97	54.0	42.3	63.5
132	30.8	23.3	34.9



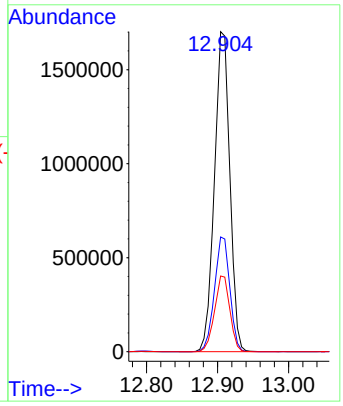


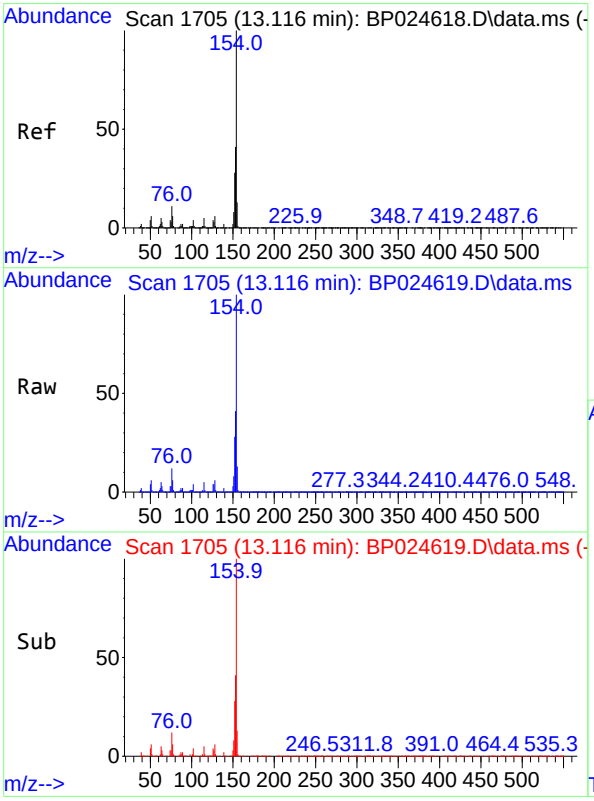
#45
2-Fluorobiphenyl
Concen: 104.96 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 2553765

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.7	18.8	28.2

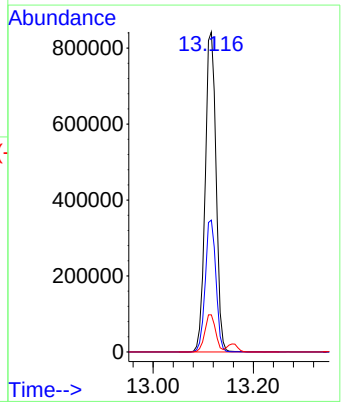


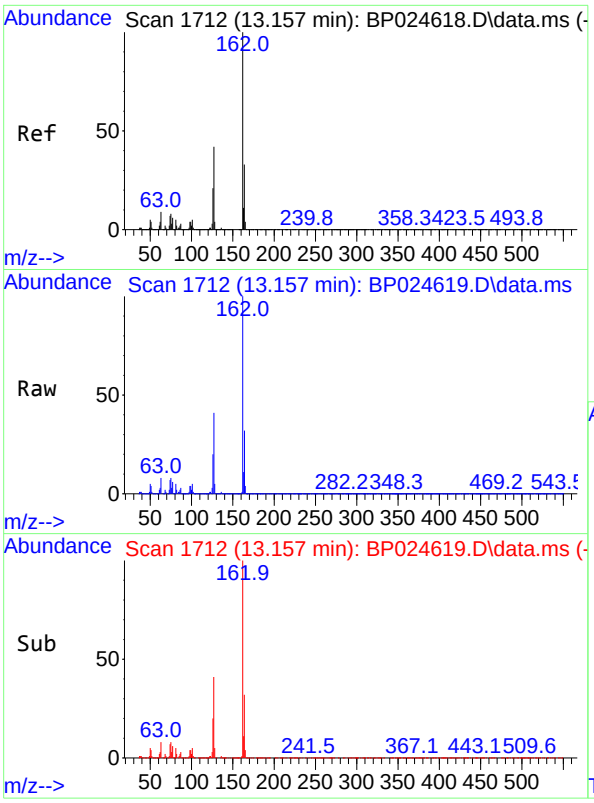


#46
1,1'-Biphenyl
Concen: 53.64 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:154 Resp: 1263640

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.0	61.0
76	11.6	0.0	31.5



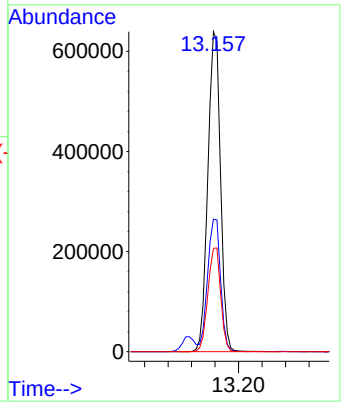


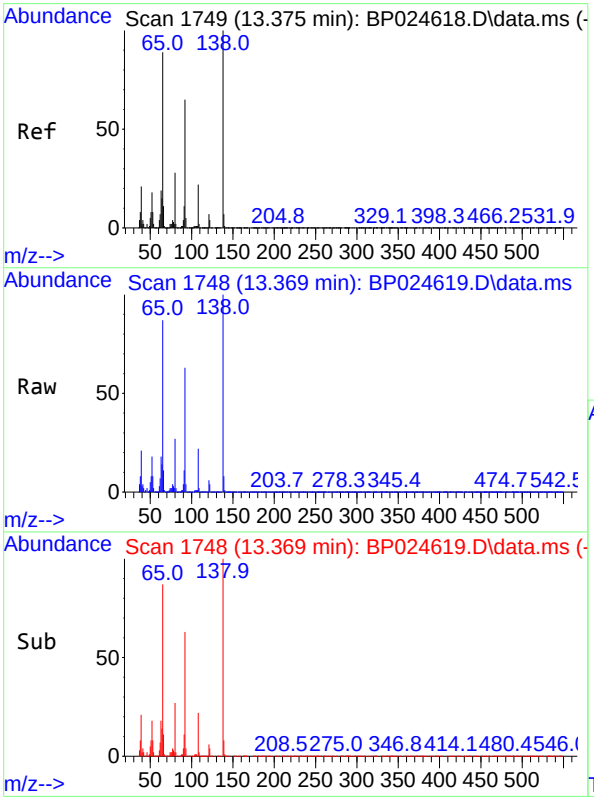
#47
2-Chloronaphthalene
Concen: 53.04 ng
RT: 13.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 952857

Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.8	50.6
164	32.3	26.0	39.0

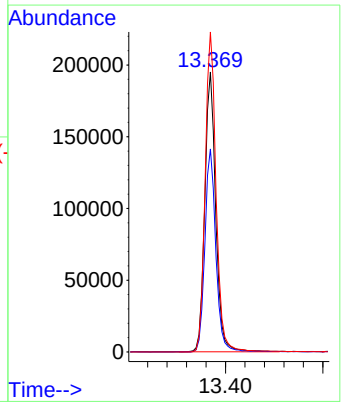


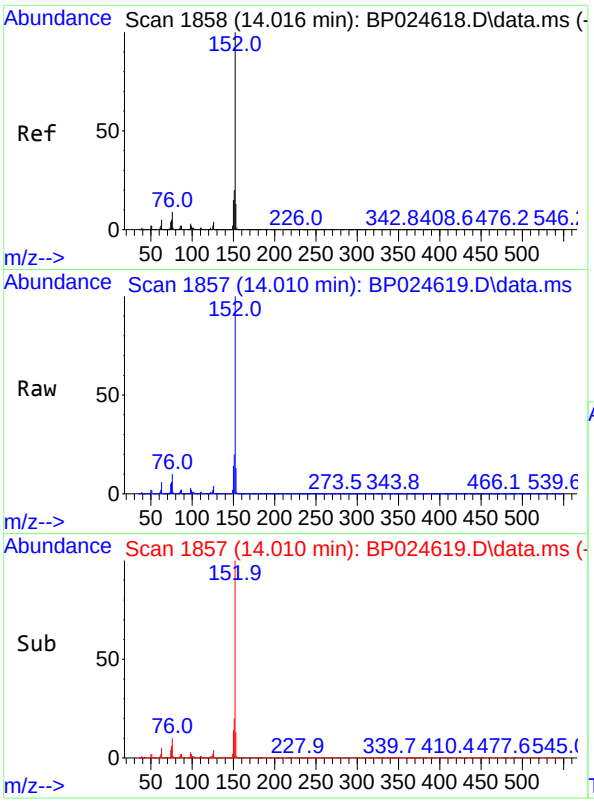


#48
2-Nitroaniline
Concen: 57.06 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 65 Resp: 303475

Ion	Ratio	Lower	Upper
65	100		
92	72.5	58.7	88.1
138	114.3	90.2	135.2



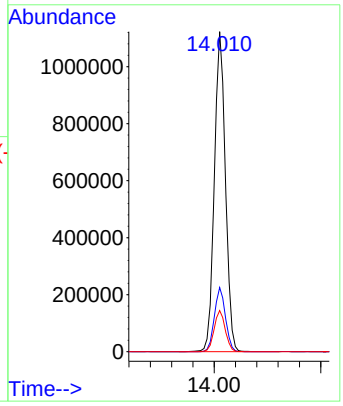


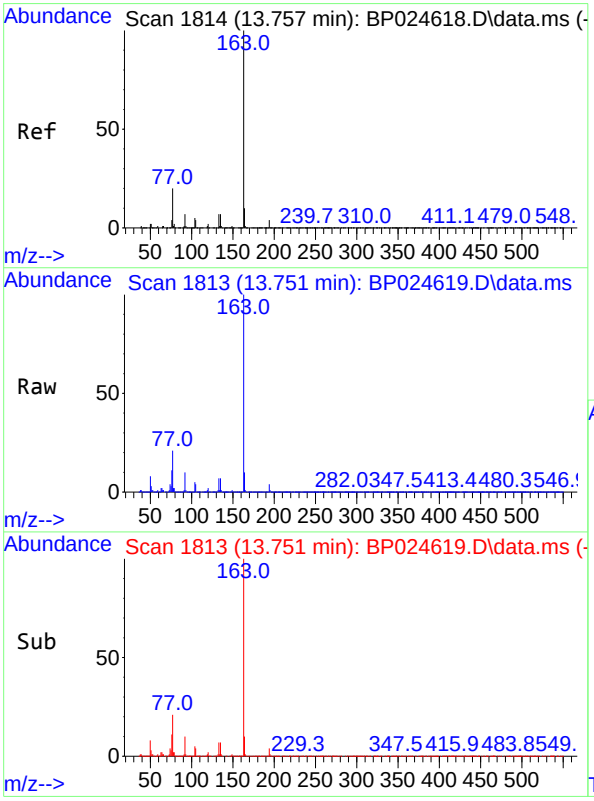
#49
Acenaphthylene
Concen: 53.79 ng
RT: 14.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 1616938

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	12.9	10.2	15.4

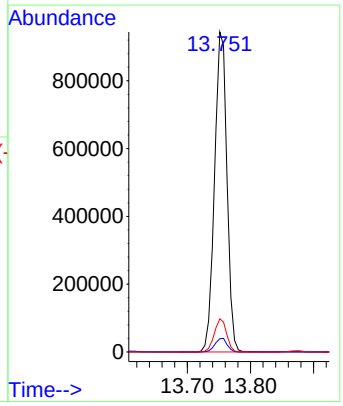


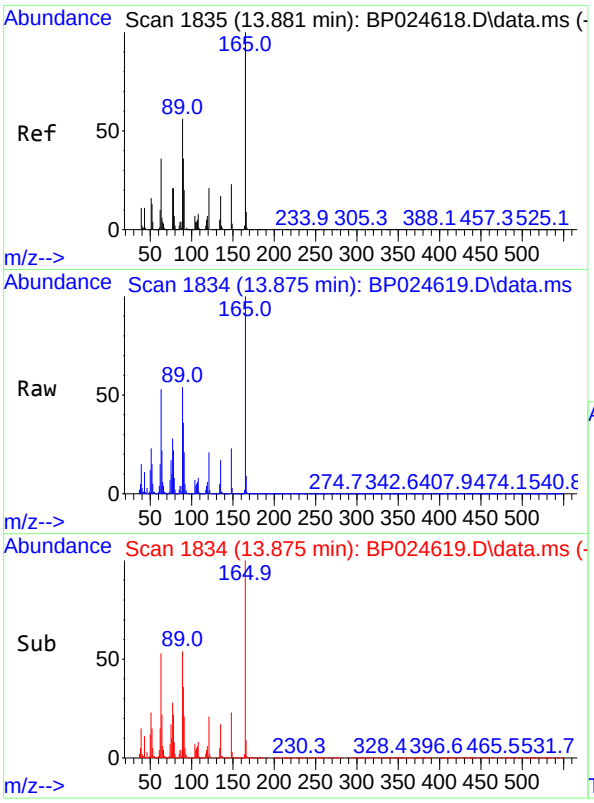


#50
Dimethylphthalate
Concen: 52.83 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:163 Resp: 1283491

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.4	8.1	12.1



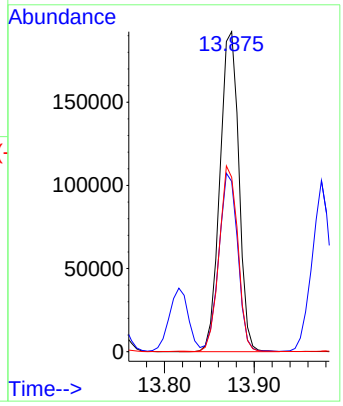


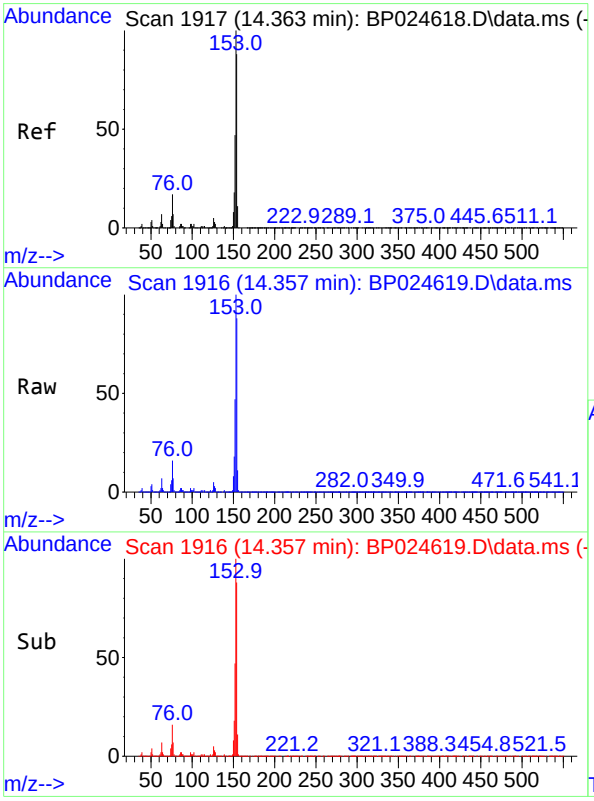
#51
2,6-Dinitrotoluene
Concen: 54.91 ng
RT: 13.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 281728

Ion	Ratio	Lower	Upper
165	100		
63	53.2	42.4	63.6
89	54.5	44.8	67.2

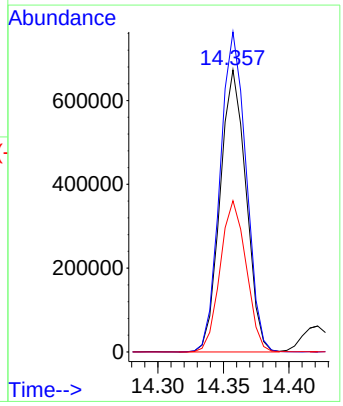


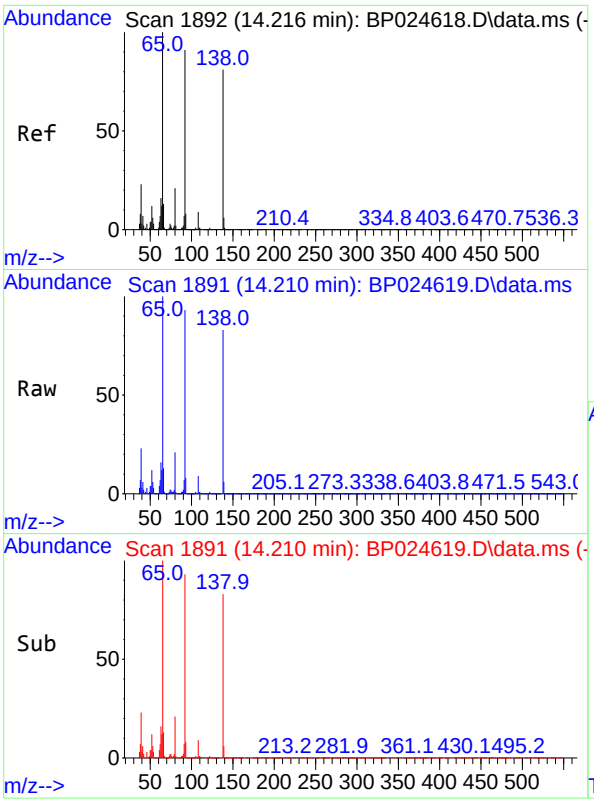


#52
Acenaphthene
Concen: 53.42 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:154 Resp: 923238

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.0	136.4
152	53.6	42.9	64.3



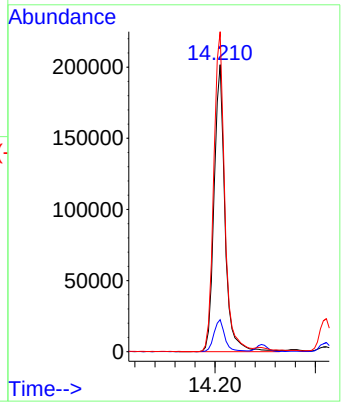


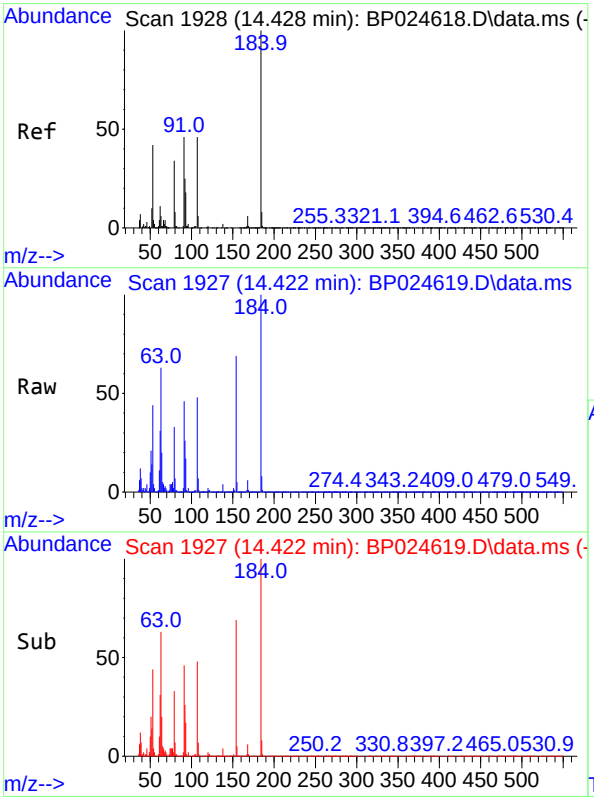
#53
3-Nitroaniline
Concen: 57.71 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 302341

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.4
92	111.5	90.1	135.1

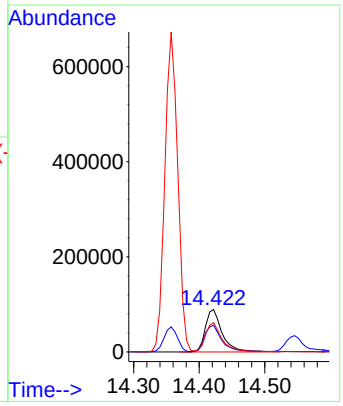


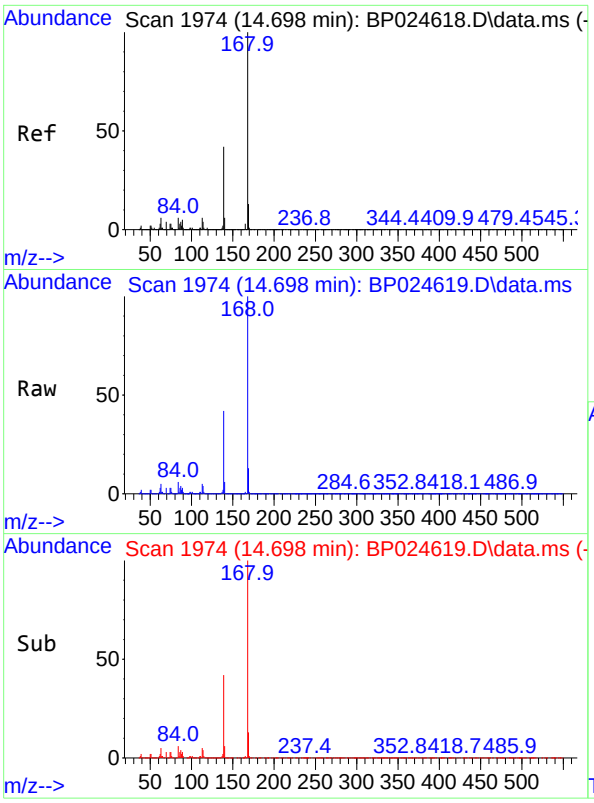


#54
2,4-Dinitrophenol
Concen: 51.86 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:184 Resp: 159888

Ion	Ratio	Lower	Upper
184	100		
63	63.3	51.3	76.9
154	69.3	53.5	80.3



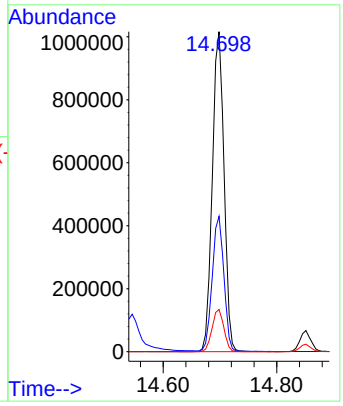


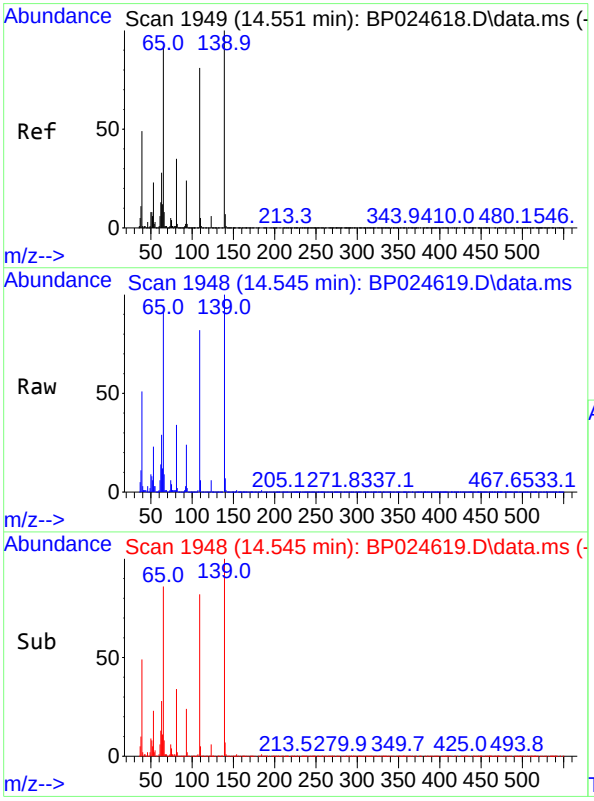
#55
Dibenzofuran
Concen: 52.50 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 1447333

Ion	Ratio	Lower	Upper
168	100		
139	42.3	34.2	51.4
169	13.2	10.8	16.2

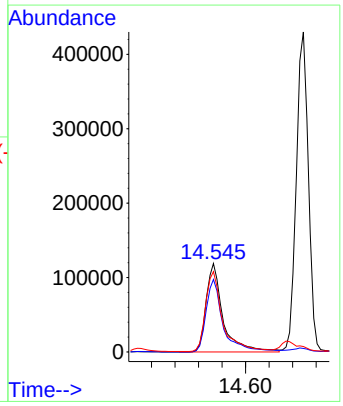


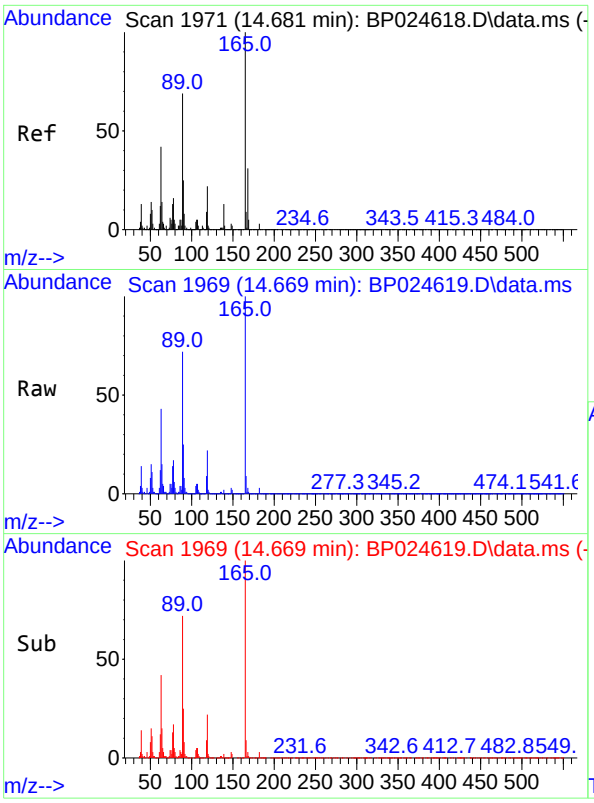


#56
4-Nitrophenol
Concen: 53.99 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:139 Resp: 238294

Ion	Ratio	Lower	Upper
139	100		
109	82.0	61.4	101.4
65	90.8	72.2	112.2



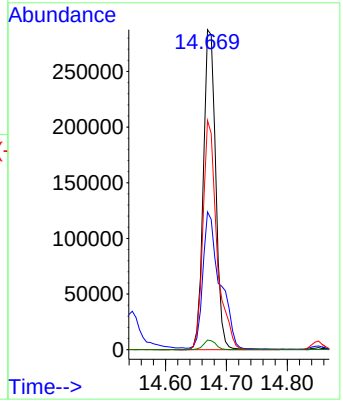


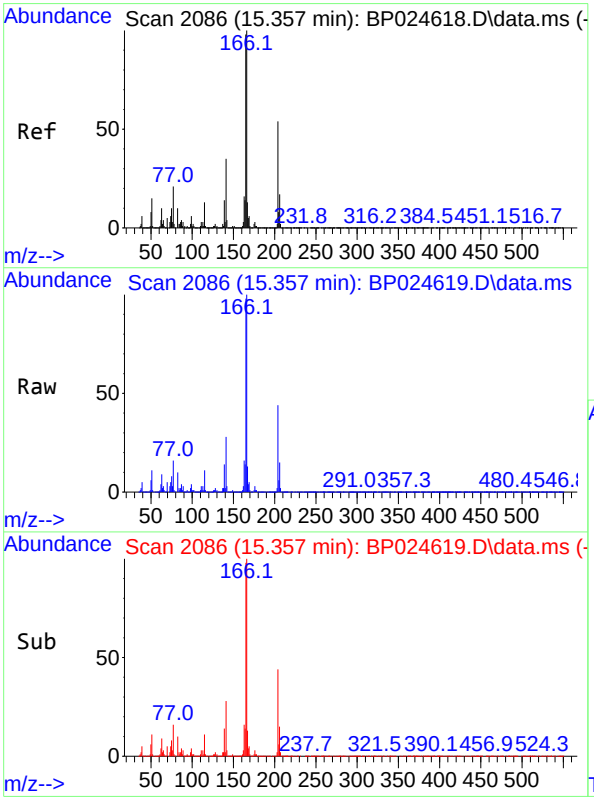
#57
2,4-Dinitrotoluene
Concen: 55.94 ng
RT: 14.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 404684

Ion	Ratio	Lower	Upper
165	100		
63	43.0	33.8	50.6
89	71.7	55.6	83.4
182	3.0	2.4	3.6

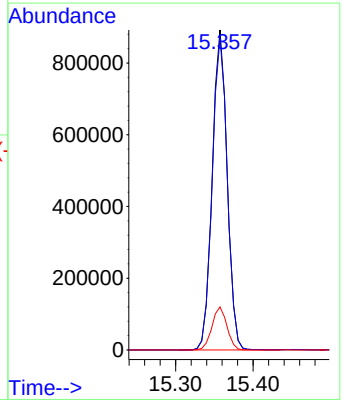


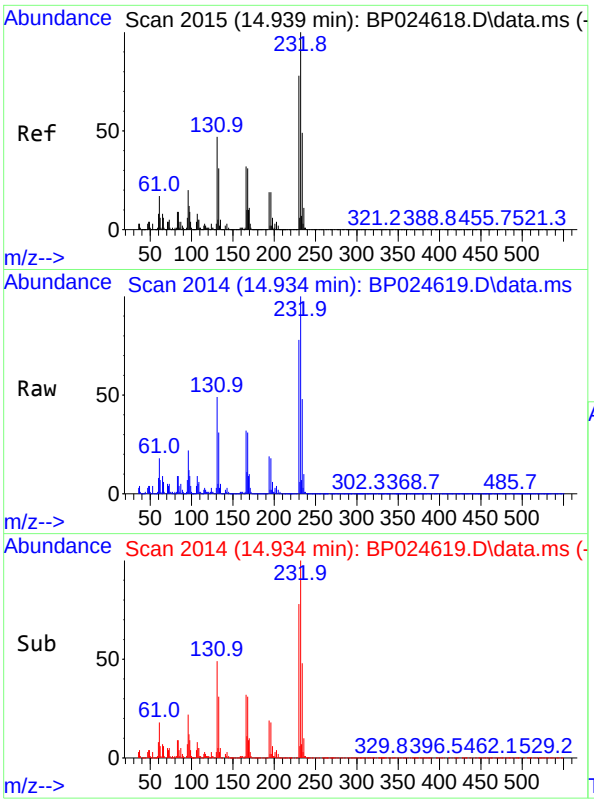


#58
Fluorene
Concen: 52.97 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:166 Resp: 1190632

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.5	117.7
167	13.4	10.7	16.1



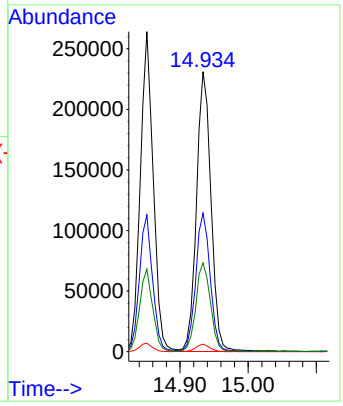


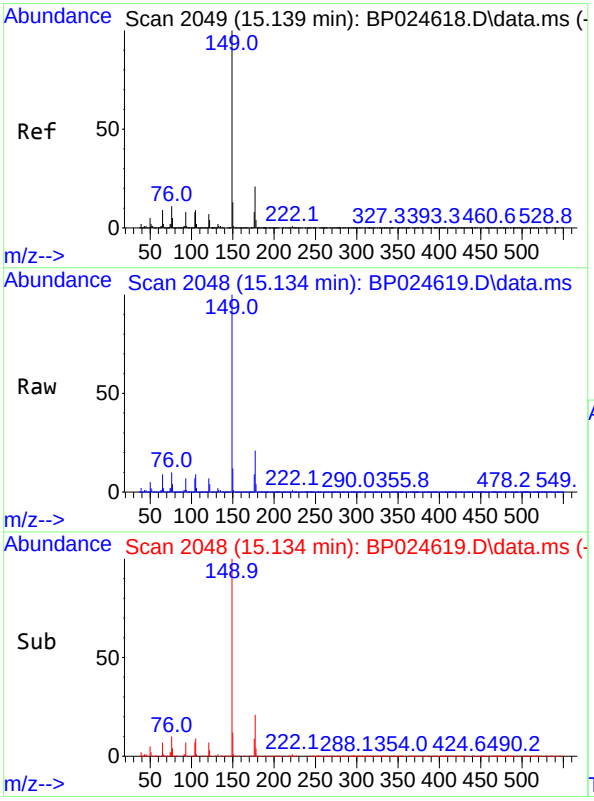
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.11 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 341204

Ion	Ratio	Lower	Upper
232	100		
131	49.3	39.5	59.3
130	2.6	2.2	3.4
166	31.8	25.7	38.5

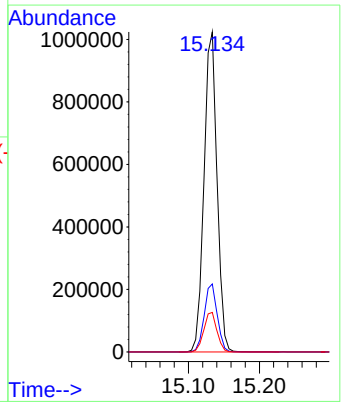


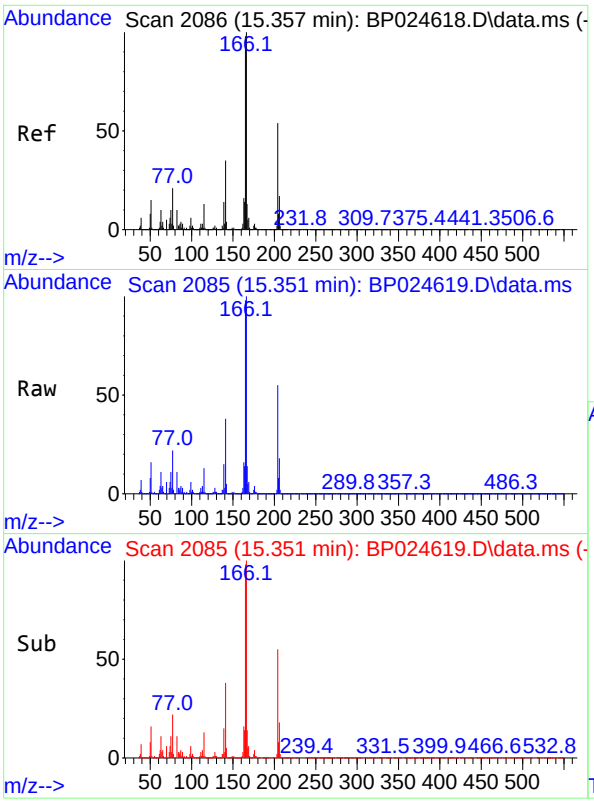


#60
Diethylphthalate
Concen: 53.18 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 1305791

Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.3	10.2	15.2



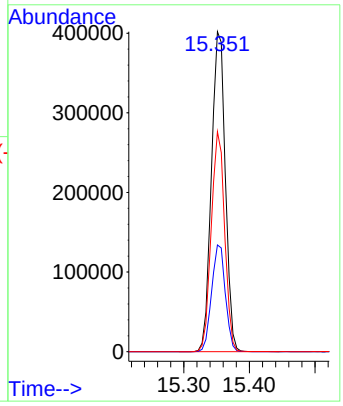


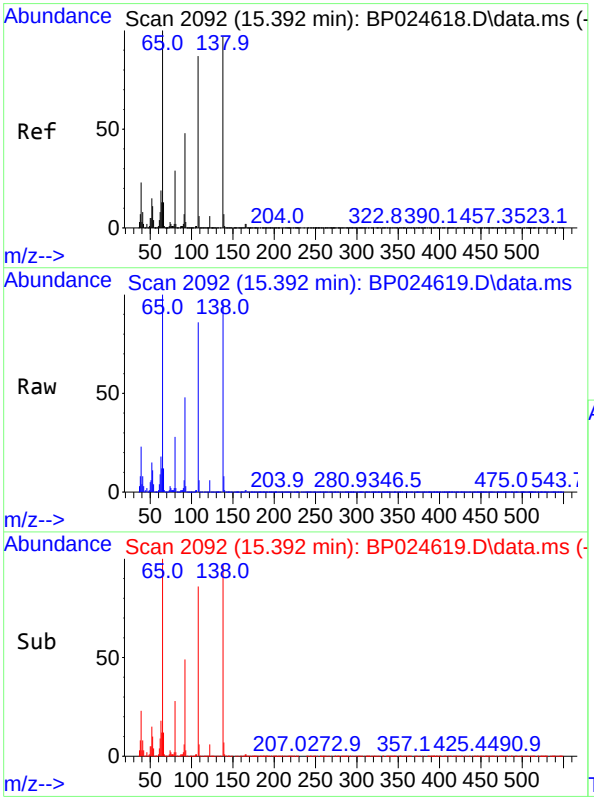
#61
4-Chlorophenyl-phenylether
Concen: 52.67 ng
RT: 15.351 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 590421

Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.0	39.0
141	68.7	52.9	79.3

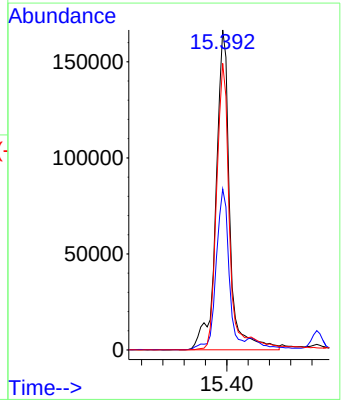


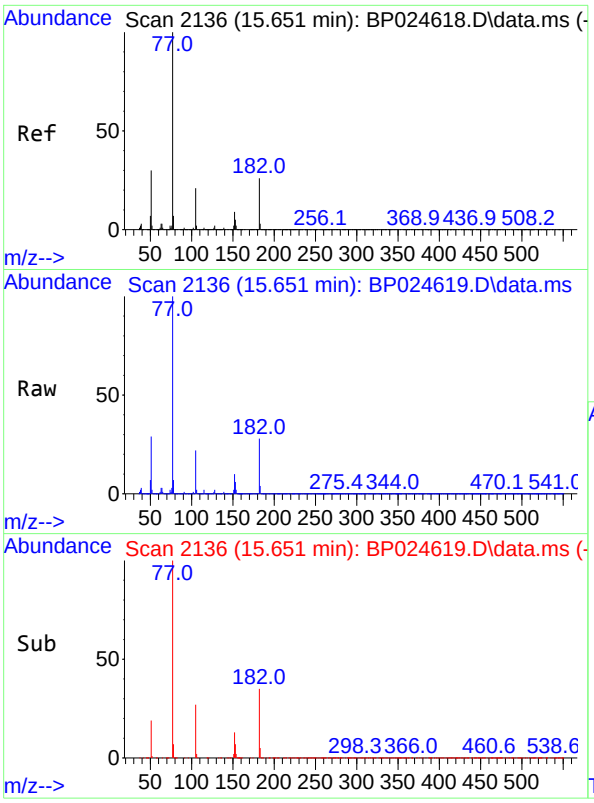


#62
4-Nitroaniline
Concen: 58.55 ng
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:138 Resp: 298681

Ion	Ratio	Lower	Upper
138	100		
92	50.3	29.2	69.2
108	89.6	69.0	109.0



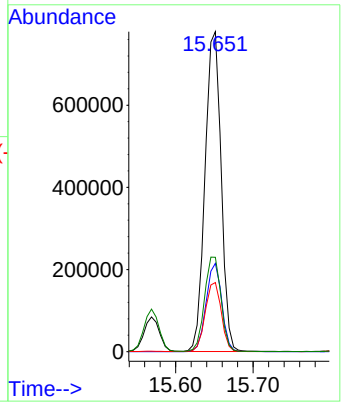


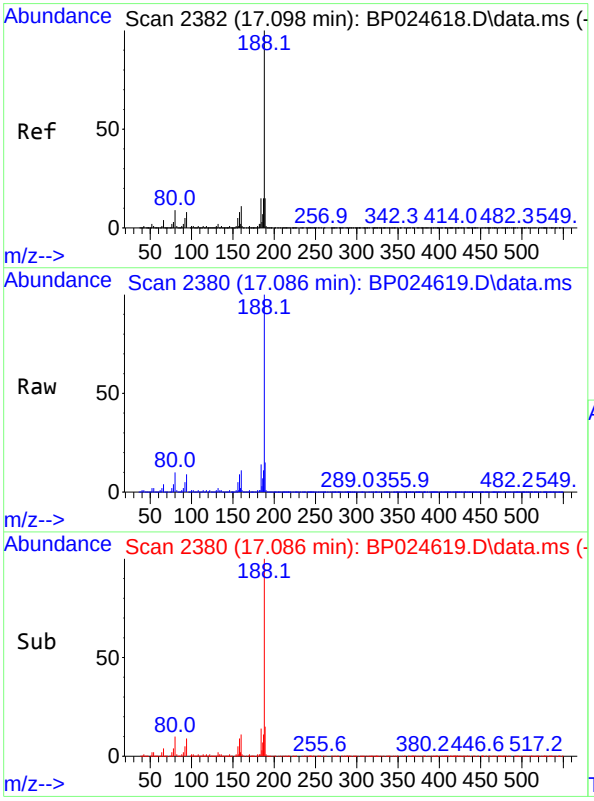
#63
Azobenzene
Concen: 53.39 ng
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 1121556

Ion	Ratio	Lower	Upper
77	100		
182	27.6	5.7	45.7
105	21.6	1.3	41.3
51	29.5	10.6	50.6

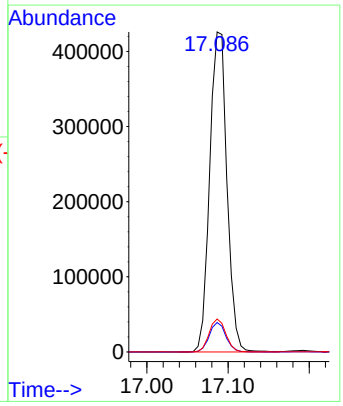


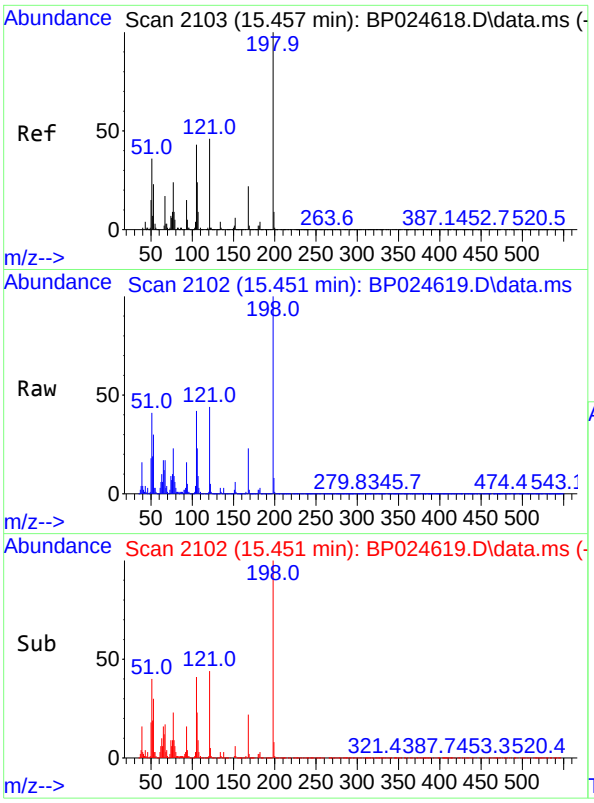


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:188 Resp: 628781

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.5	9.7
80	10.3	7.3	10.9



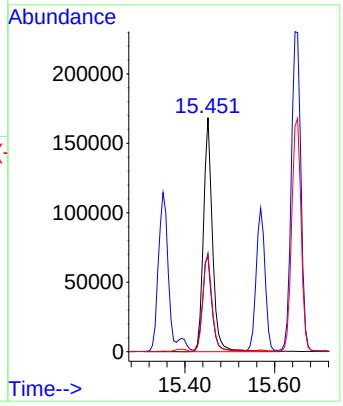


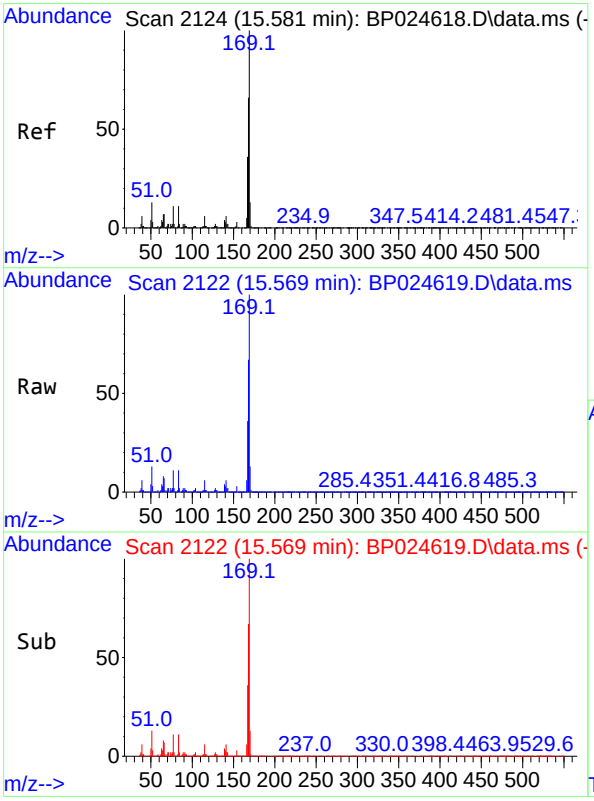
#65
4,6-Dinitro-2-methylphenol
Concen: 57.64 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 234095

Ion	Ratio	Lower	Upper
198	100		
51	40.5	21.1	61.1
105	42.1	23.6	63.6

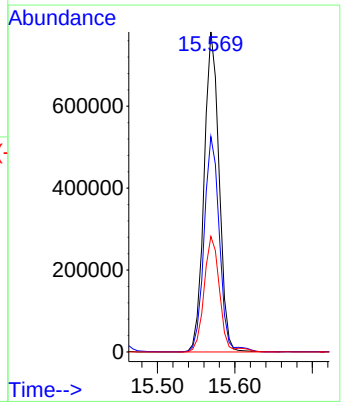


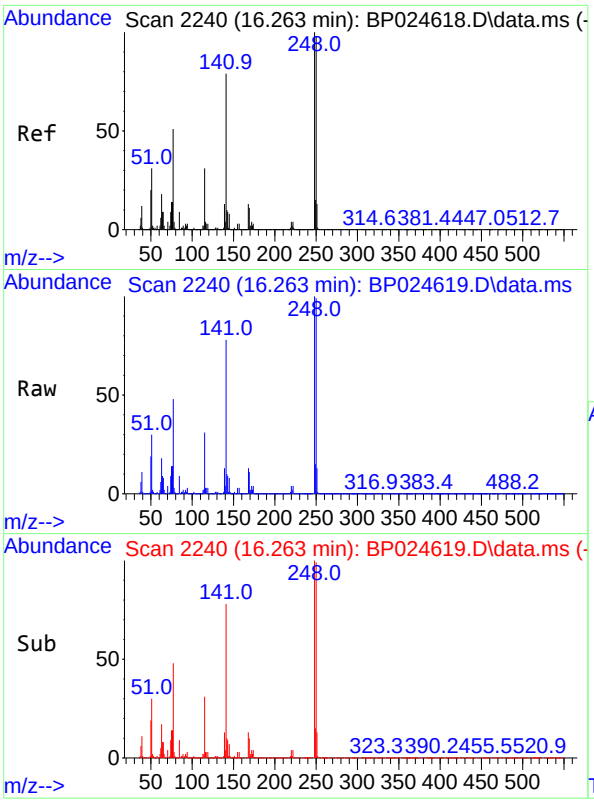


#66
n-Nitrosodiphenylamine
Concen: 54.28 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:169 Resp: 1048396

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.2	79.8
167	36.1	28.6	43.0



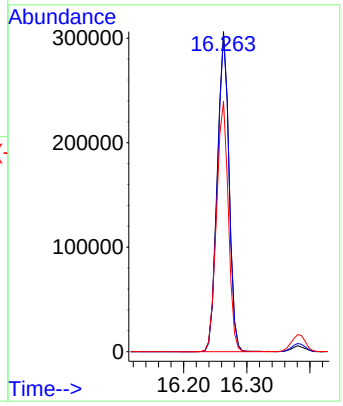


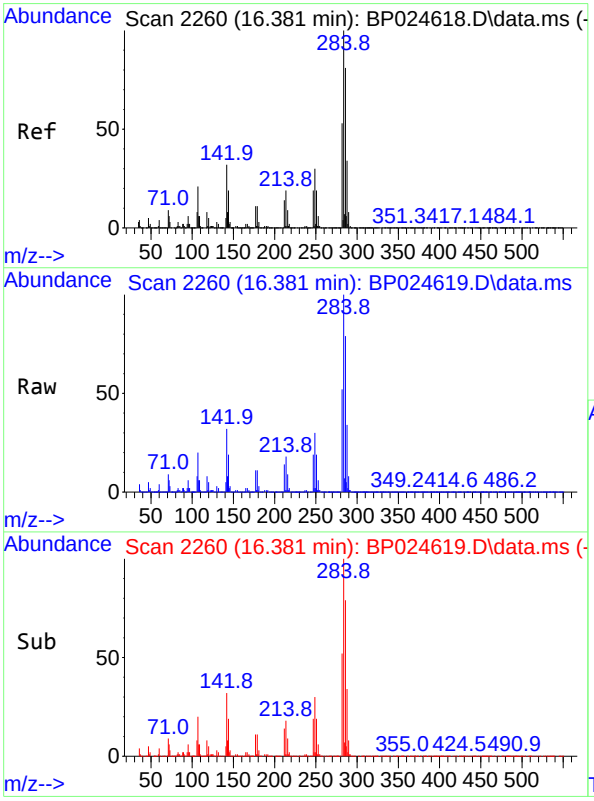
#67
4-Bromophenyl-phenylether
Concen: 53.50 ng
RT: 16.263 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 396385

Ion	Ratio	Lower	Upper
248	100		
250	99.0	78.2	117.4
141	78.2	63.0	94.6

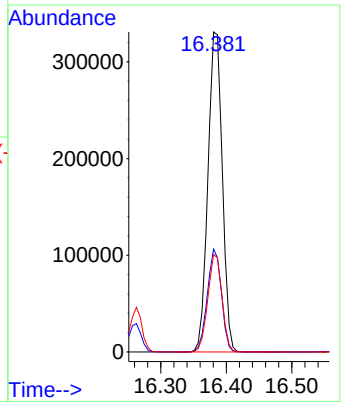


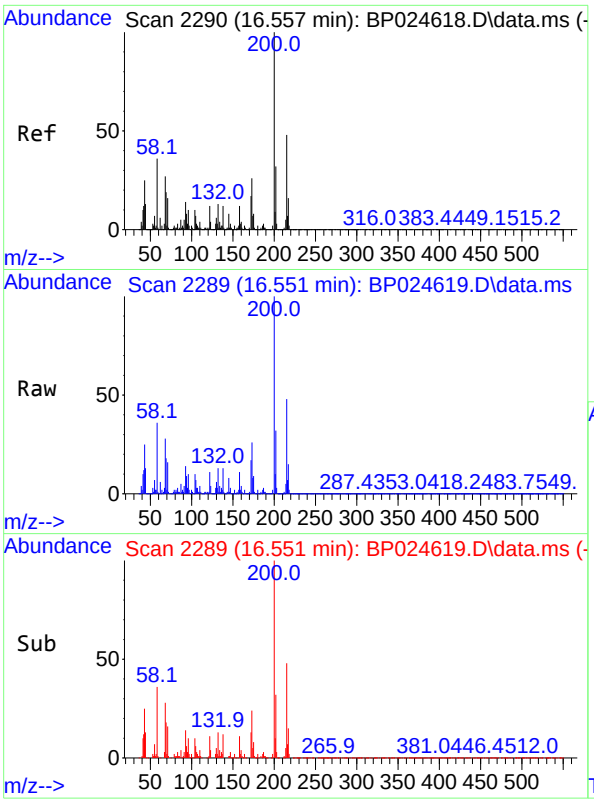


#68
Hexachlorobenzene
Concen: 53.64 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:284 Resp: 504987

Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.9	38.9
249	30.4	24.1	36.1



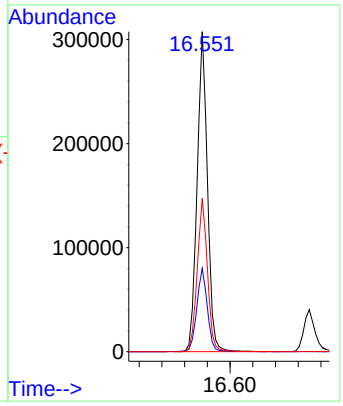


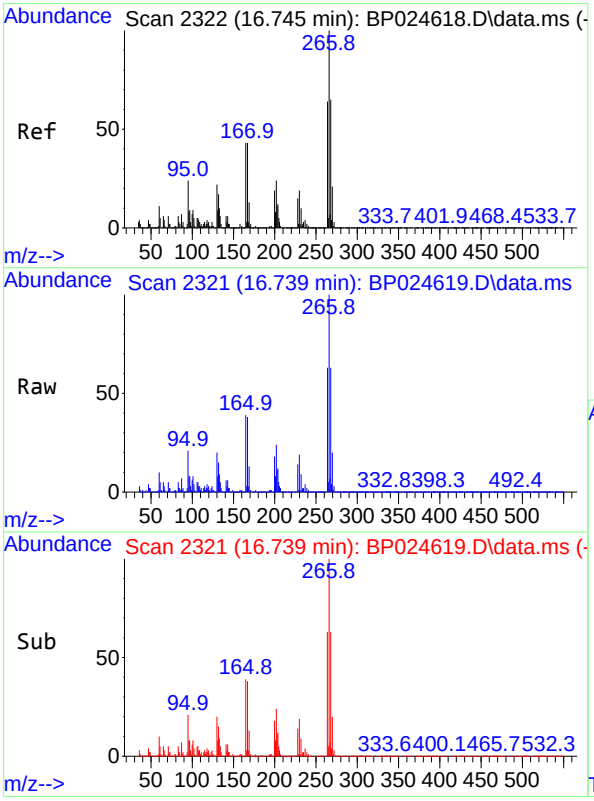
#69
Atrazine
Concen: 55.07 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 389749

Ion	Ratio	Lower	Upper
200	100		
173	26.0	5.9	45.9
215	47.9	28.3	68.3

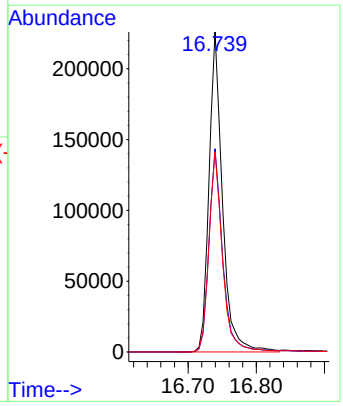


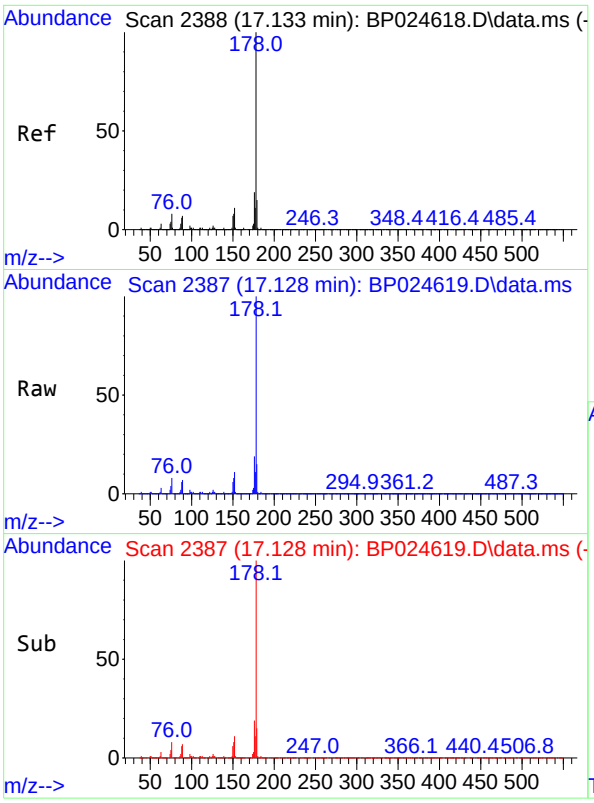


#70
Pentachlorophenol
Concen: 58.71 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:266 Resp: 310477

Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.2	78.4
264	62.6	51.1	76.7



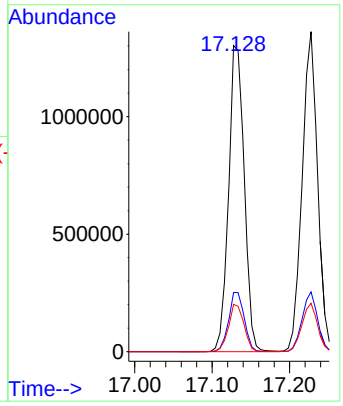


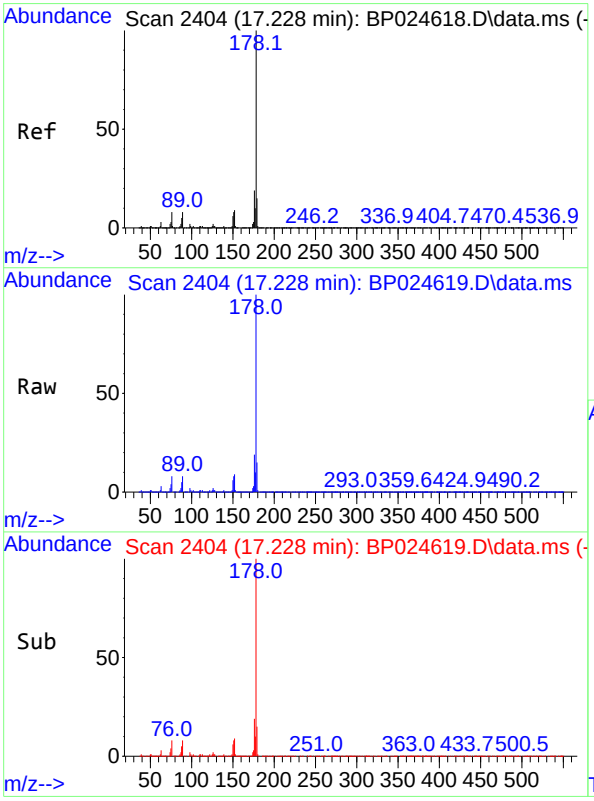
#71
Phenanthrene
Concen: 52.61 ng
RT: 17.128 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 1838891

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.2	18.4

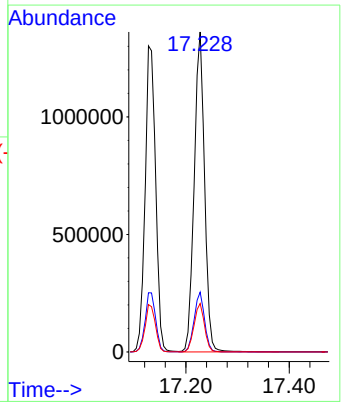


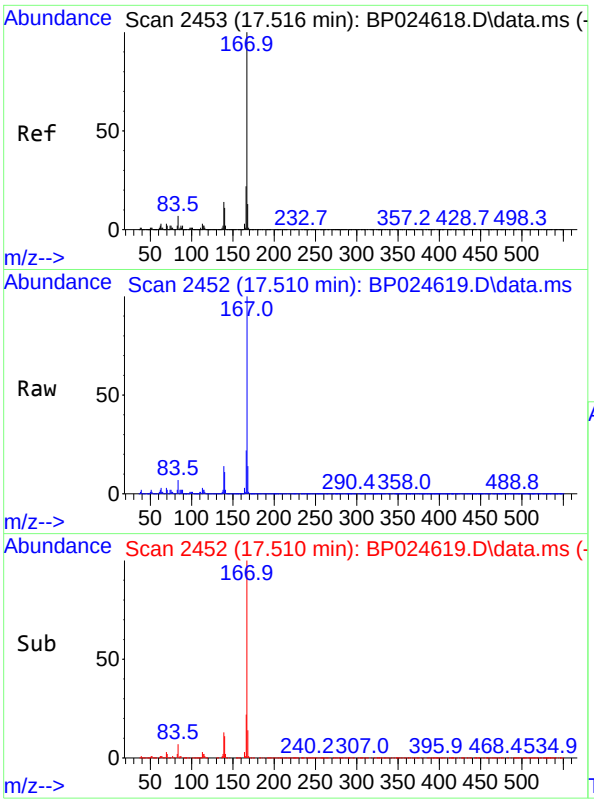


#72
Anthracene
Concen: 53.87 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:178 Resp: 1894573

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.1	12.2	18.2



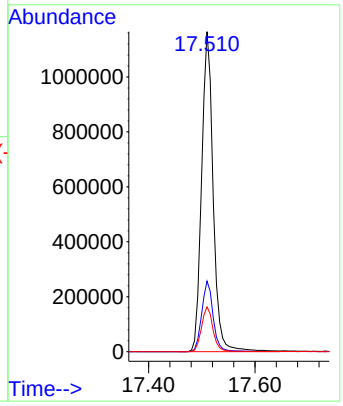


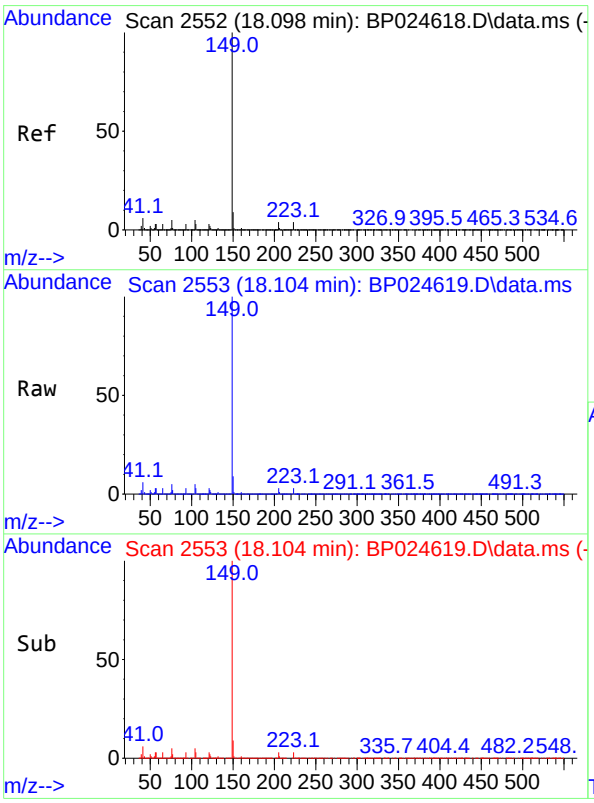
#73
Carbazole
Concen: 55.00 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 1750681

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	14.0	11.3	16.9

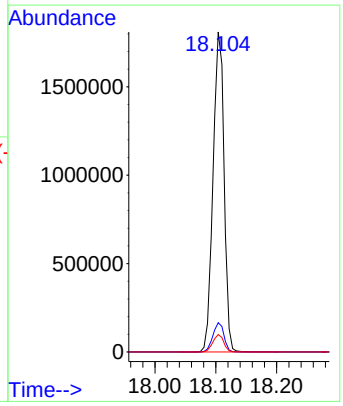


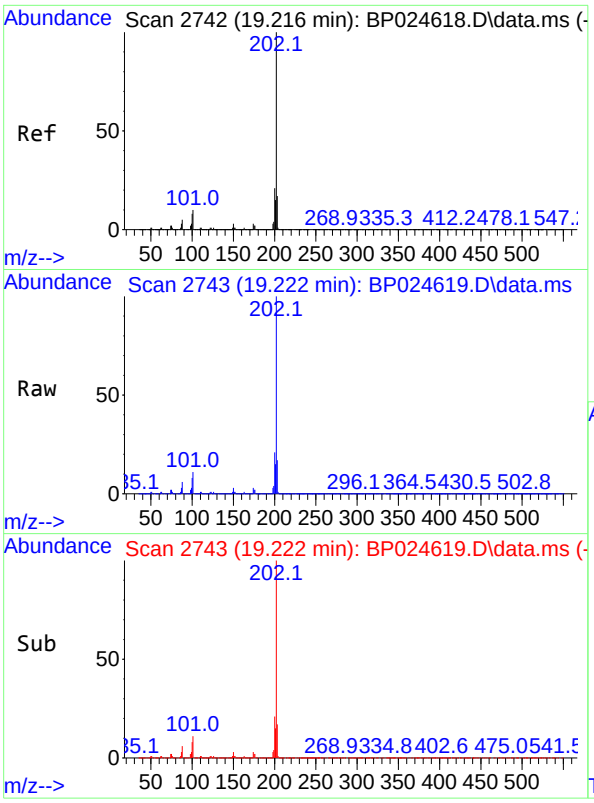


#74
Di-n-butylphthalate
Concen: 55.58 ng
RT: 18.104 min Scan# 2553
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 2275163

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.4	4.3	6.5



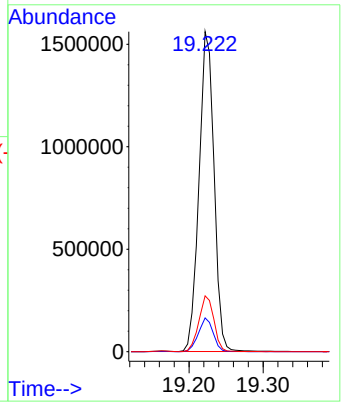


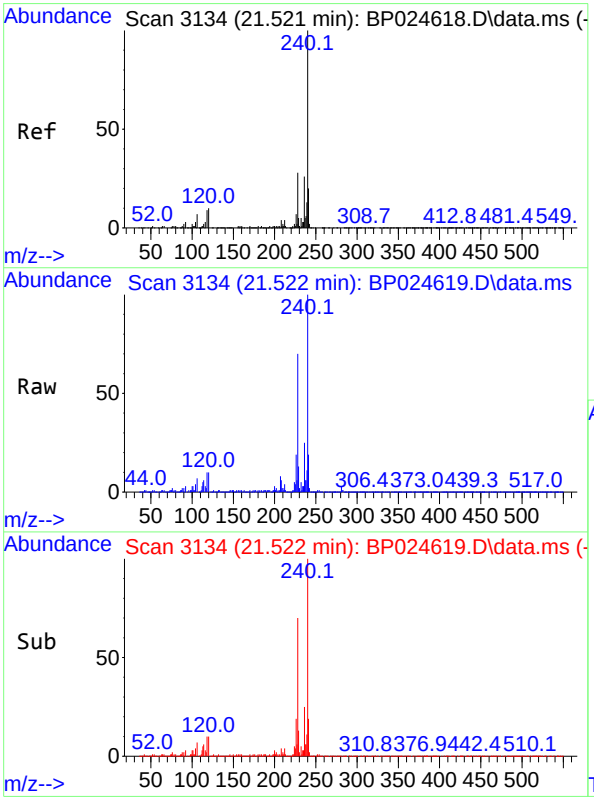
#75
Fluoranthene
Concen: 53.84 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 2199818

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
203	17.4	0.0	37.5

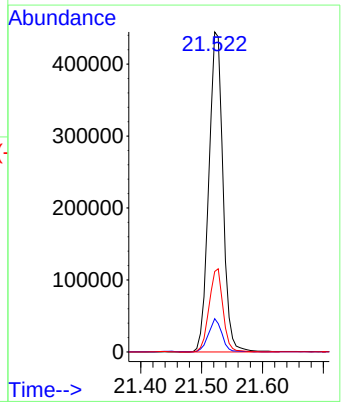


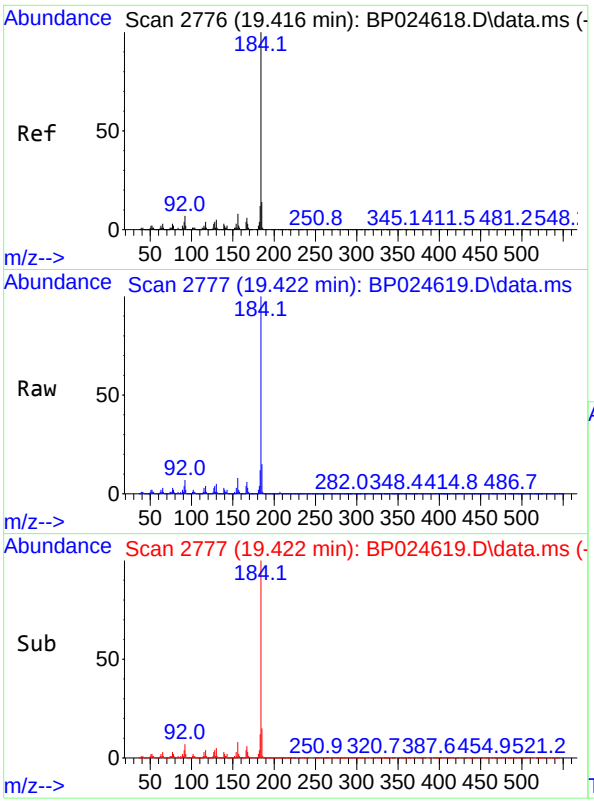


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:240 Resp: 717340

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.8	11.6
236	25.1	20.6	31.0



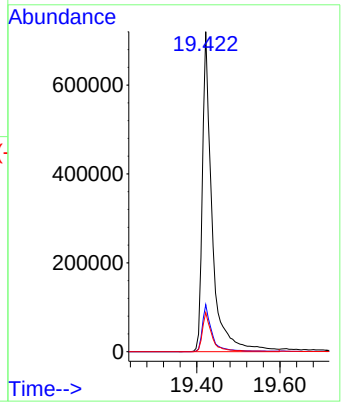


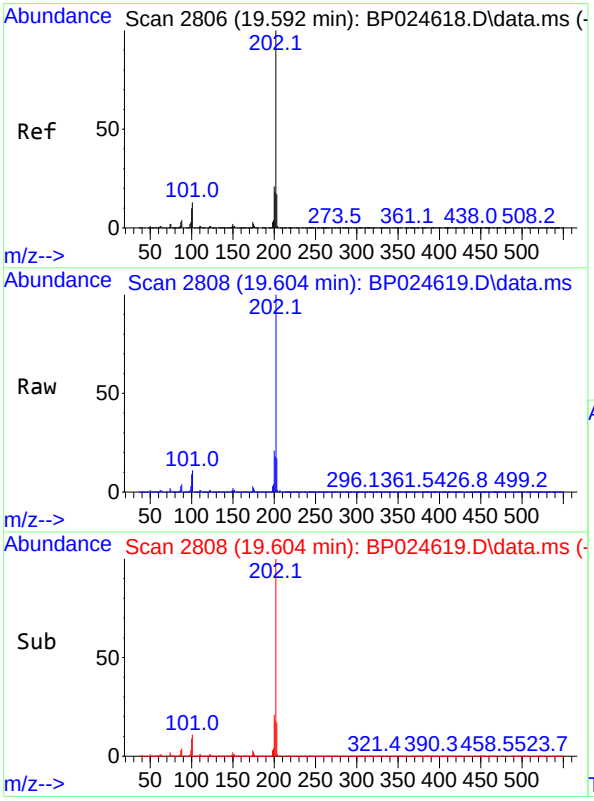
#77
Benzidine
Concen: 59.85 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 1178505

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.2	16.8
183	12.2	9.8	14.8

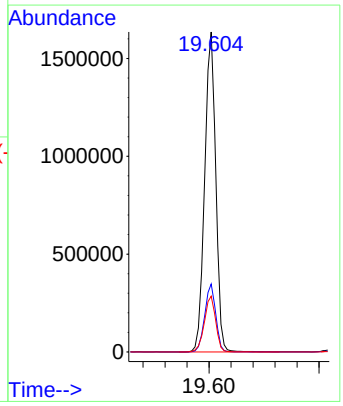


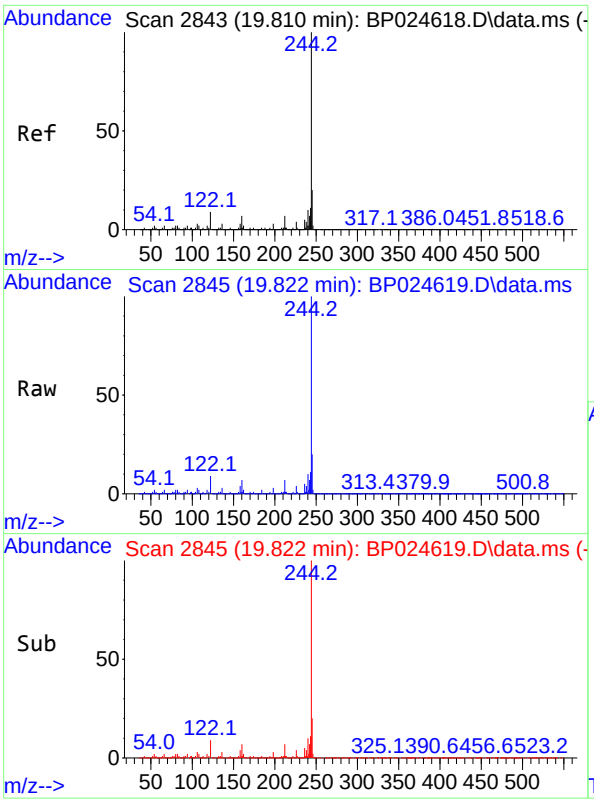


#78
Pyrene
Concen: 53.11 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:202 Resp: 2282702

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.4	13.9	20.9



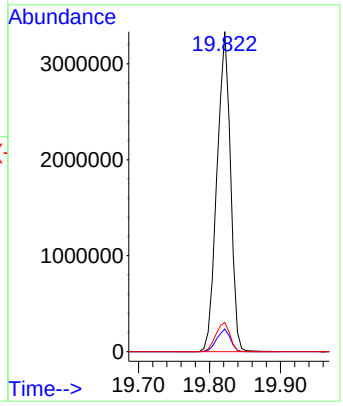


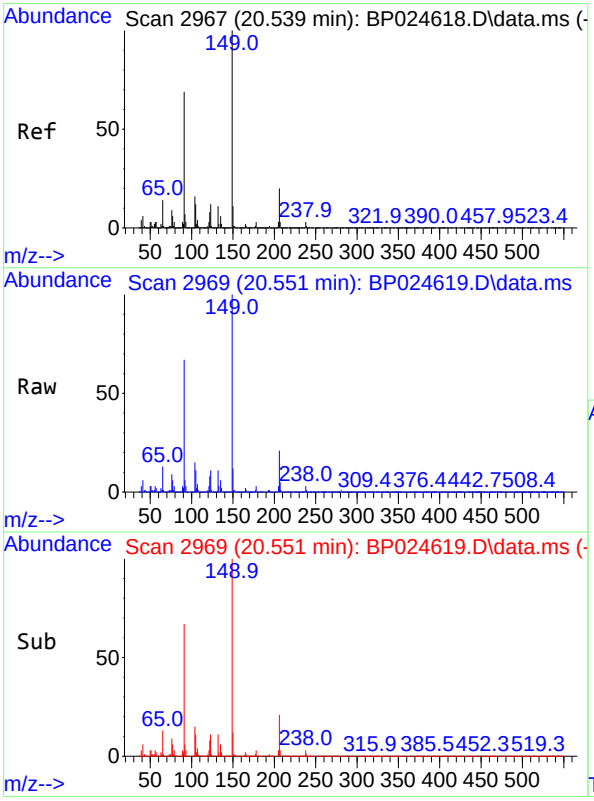
#79
Terphenyl-d14
Concen: 105.15 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 4398872

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	9.2	7.4	11.0

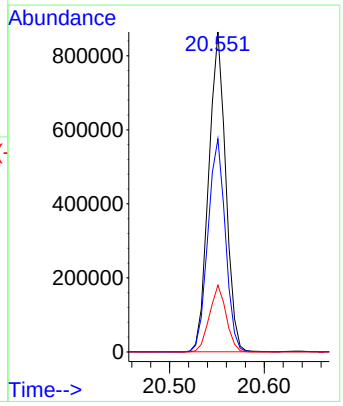


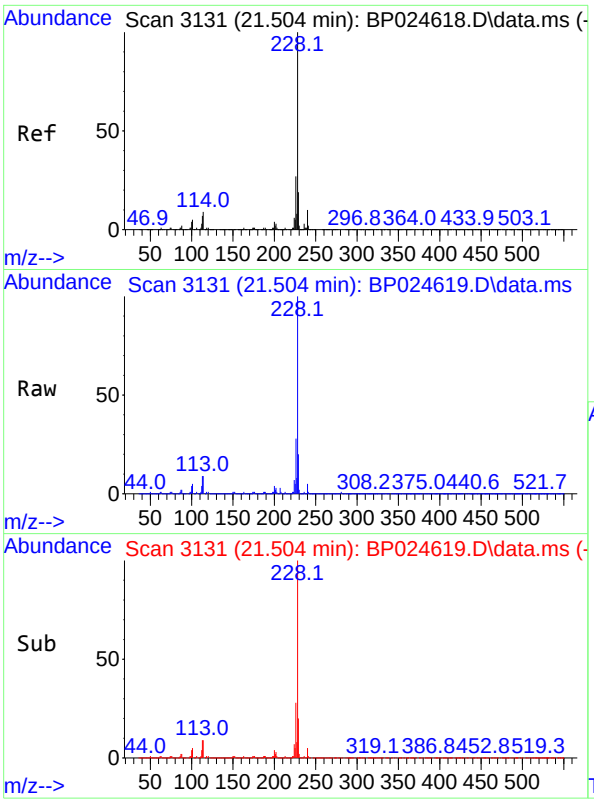


#80
Butylbenzylphthalate
Concen: 56.68 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 1083395

Ion	Ratio	Lower	Upper
149	100		
91	66.6	55.4	83.0
206	20.8	16.2	24.2



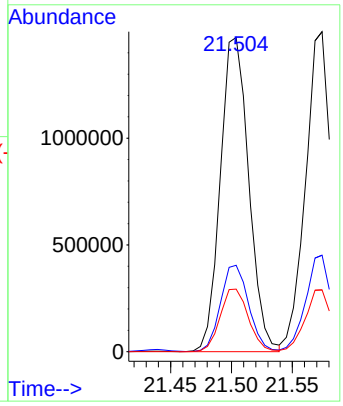


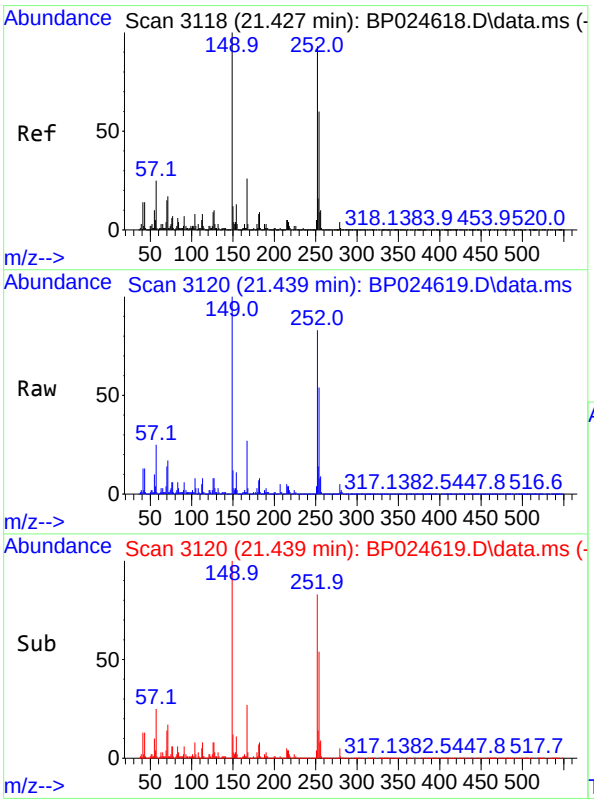
#81
Benzo(a)anthracene
Concen: 53.20 ng
RT: 21.504 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 2396398

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.4	32.0
229	19.9	15.5	23.3

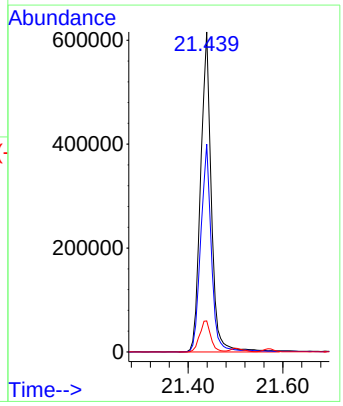


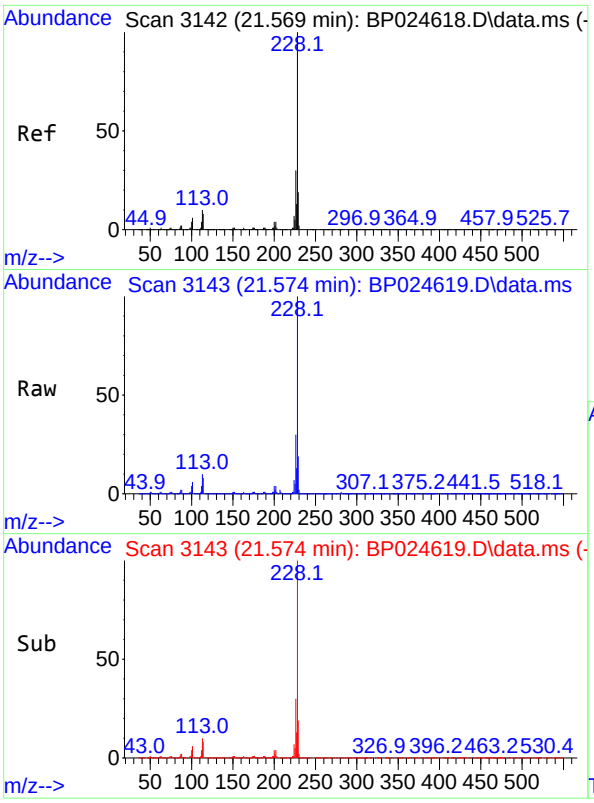


#82
3,3'-Dichlorobenzidine
Concen: 57.80 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:252 Resp: 966906

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.6
126	9.7	7.7	11.5



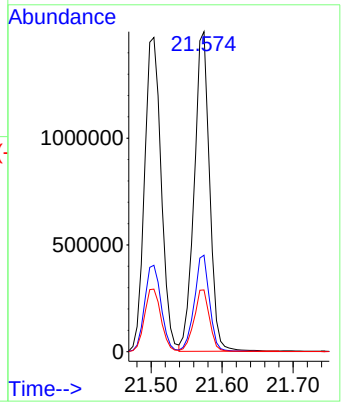


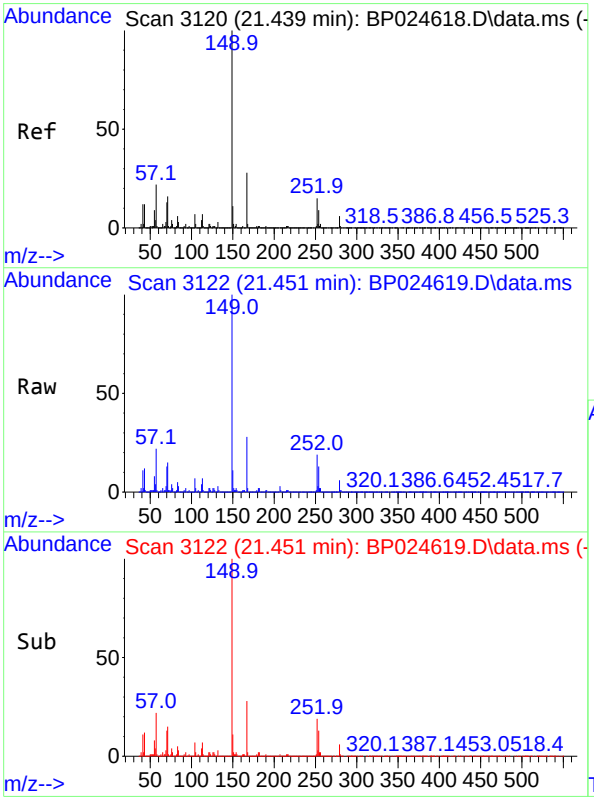
#83
Chrysene
Concen: 52.71 ng
RT: 21.574 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 2250800

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.3	15.5	23.3

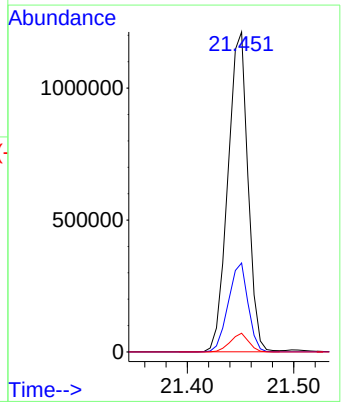


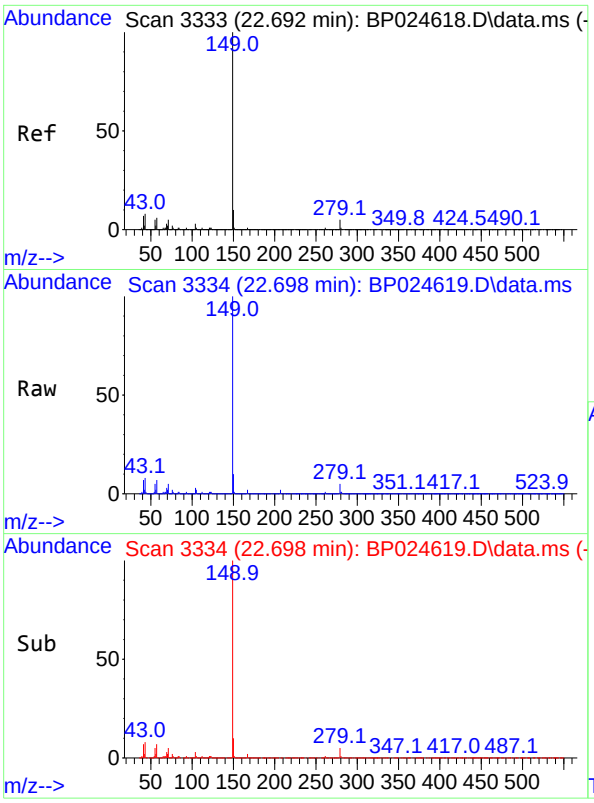


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.42 ng
RT: 21.451 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 1585070

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	5.9	4.6	6.8



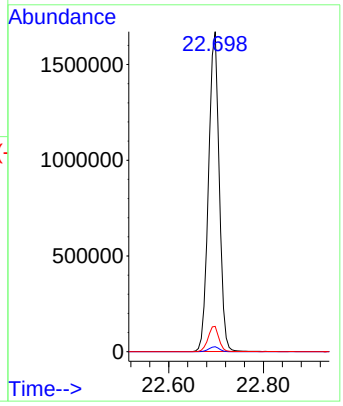


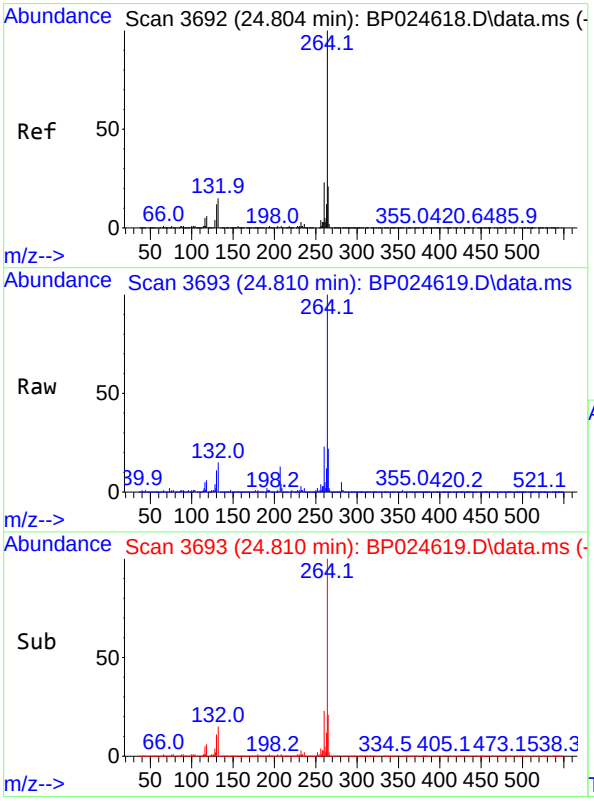
#85
Di-n-octyl phthalate
Concen: 56.91 ng
RT: 22.698 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 2614856

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.0	6.3	9.5

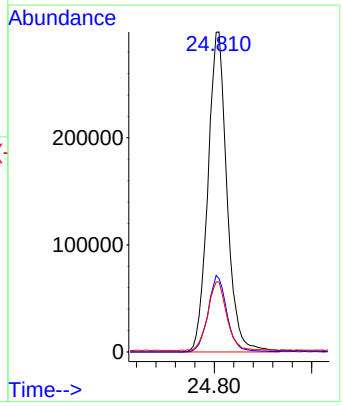


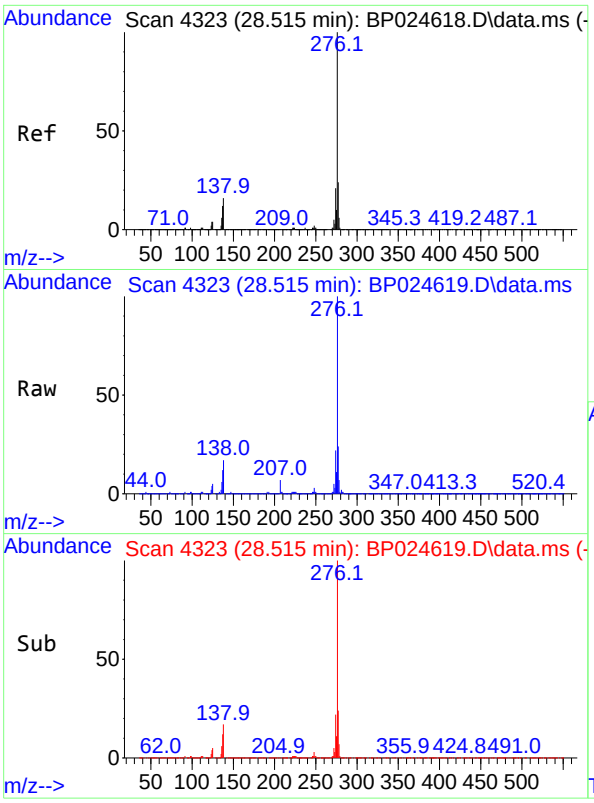


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:264 Resp: 811421

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.9	17.0	25.6



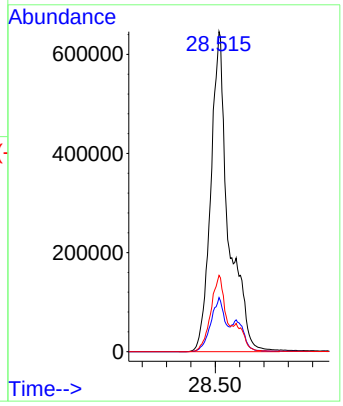


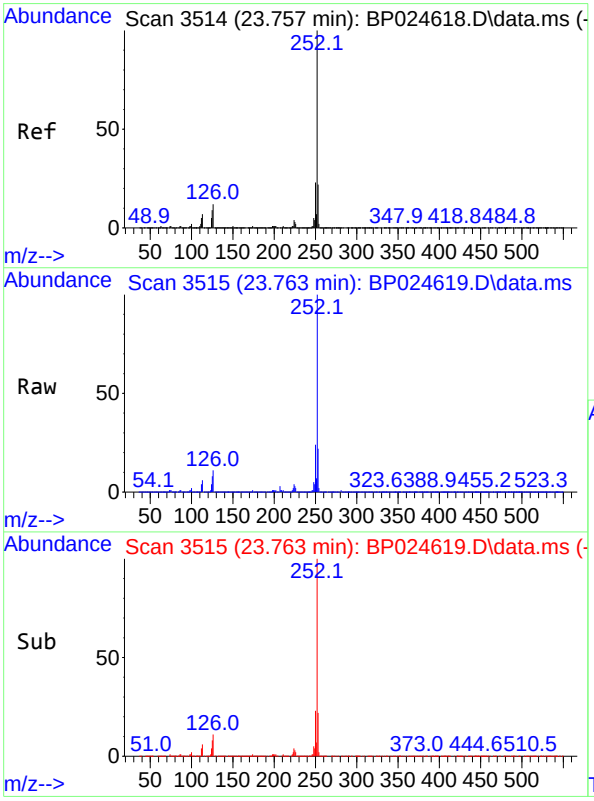
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.06 ng
RT: 28.515 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 3262830

Ion	Ratio	Lower	Upper
276	100		
138	13.6	11.2	16.8
277	19.3	15.7	23.5

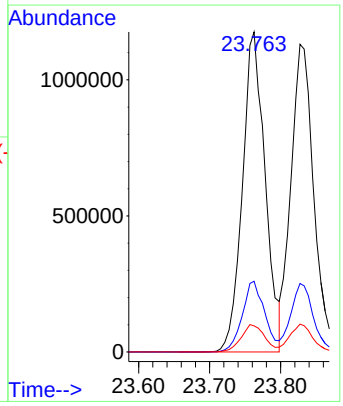


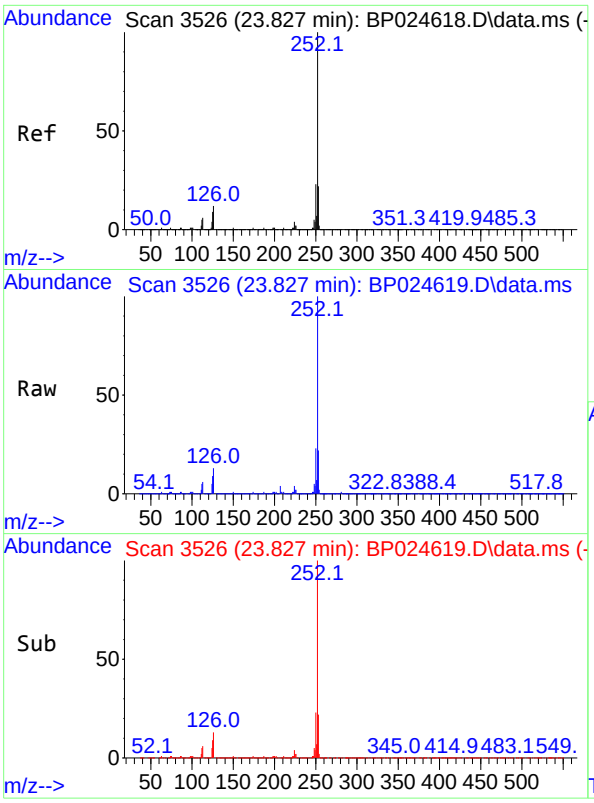


#88
Benzo(b)fluoranthene
Concen: 56.25 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:252 Resp: 2612438

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	8.2	7.5	11.3



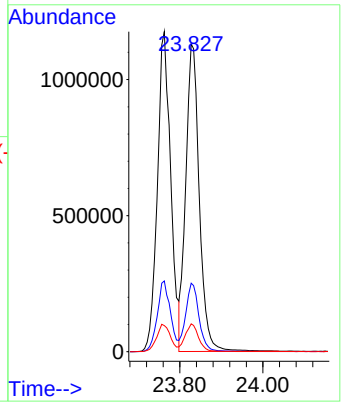


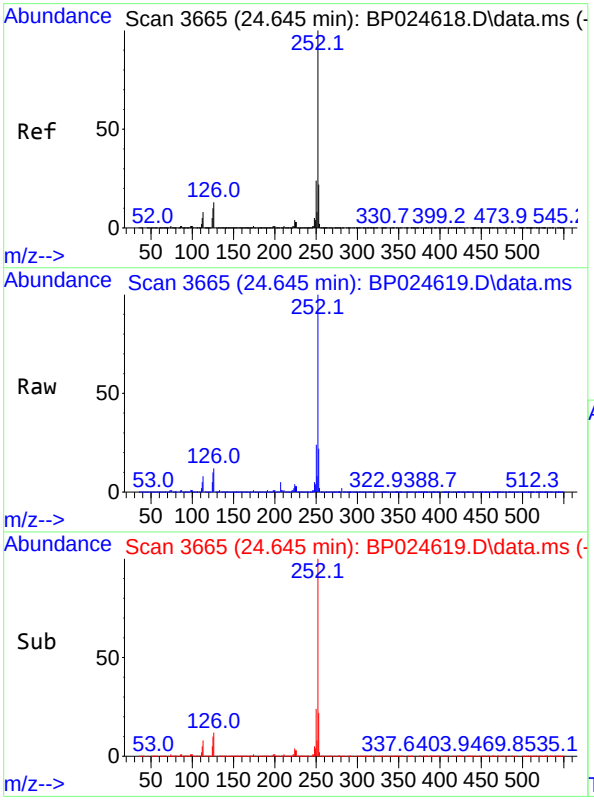
#89
Benzo(k)fluoranthene
Concen: 53.34 ng
RT: 23.827 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 2552663

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.1	7.0	10.4

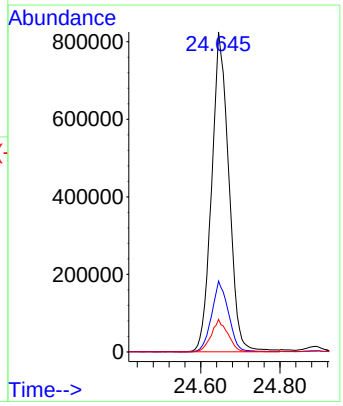


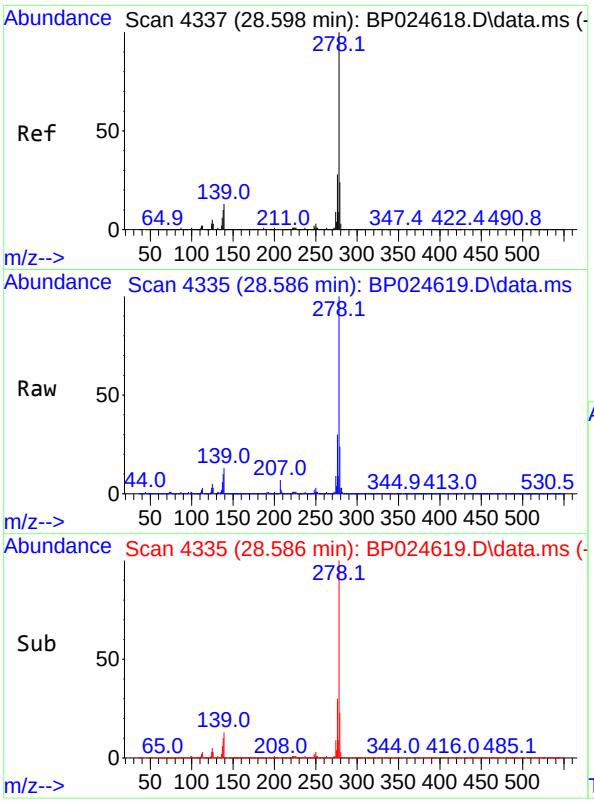


#90
Benzo(a)pyrene
Concen: 55.51 ng
RT: 24.645 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:252 Resp: 2475976

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.1	12.1



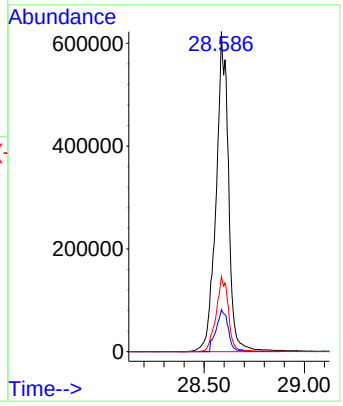


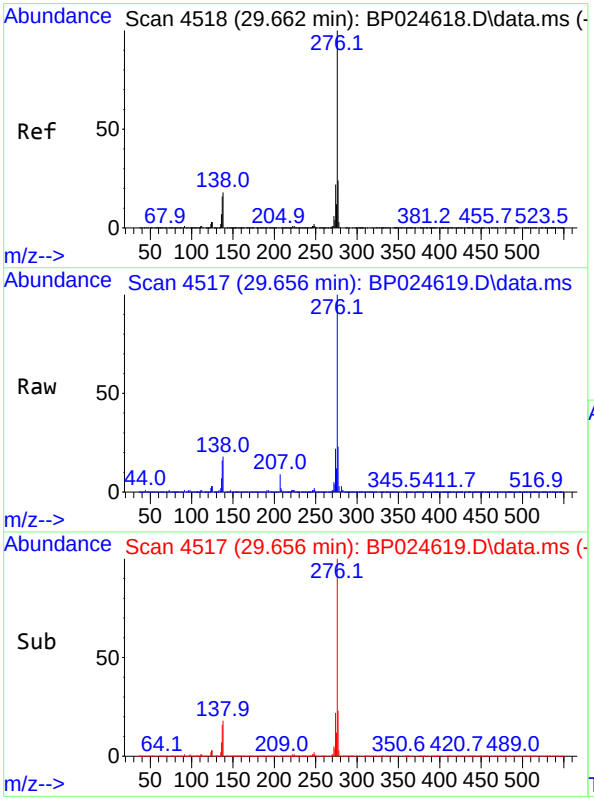
#91
Dibenzo(a,h)anthracene
Concen: 55.60 ng
RT: 28.586 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 2679367

Ion	Ratio	Lower	Upper
278	100		
139	13.2	10.2	15.4
279	23.5	19.0	28.4

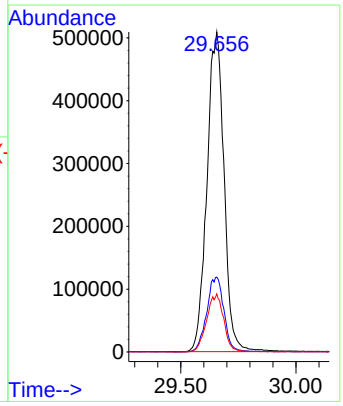




#92
Benzo(g,h,i)perylene
Concen: 54.79 ng
RT: 29.656 min Scan# 4517
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:276 Resp: 2625625

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	18.2	14.4	21.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024620.D
Acq On : 13 May 2025 14:45
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: May 13 16:08:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	106955	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	484921	20.00	ng		0.00
39) Acenaphthene-d10	14.292	164	325327	20.00	ng		-0.01
64) Phenanthrene-d10	17.086	188	646756	20.00	ng		-0.01
76) Chrysene-d12	21.521	240	726281	20.00	ng		0.00
86) Perylene-d12	24.810	264	822943	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	784577	125.47	ng		0.00
7) Phenol-d6	6.858	99	1039562	130.26	ng		0.00
23) Nitrobenzene-d5	8.816	82	1188192	123.80	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	696428	126.27	ng		0.00
45) 2-Fluorobiphenyl	12.910	172	2956939	119.08	ng		0.00
79) Terphenyl-d14	19.822	244	5119872	120.88	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	170174	57.95	ng		99
3) Pyridine	3.617	79	419426	64.42	ng		98
4) n-Nitrosodimethylamine	3.528	42	178836	62.22	ng		99
6) Aniline	7.005	93	670773	65.10	ng		100
8) 2-Chlorophenol	7.240	128	459952	64.79	ng		99
9) Benzaldehyde	6.816	77	305987	59.33	ng		98
10) Phenol	6.881	94	535743	65.04	ng		99
11) bis(2-Chloroethyl)ether	7.099	93	416957	61.60	ng		99
12) 1,3-Dichlorobenzene	7.552	146	496139	60.75	ng		99
13) 1,4-Dichlorobenzene	7.699	146	502743	61.20	ng		99
14) 1,2-Dichlorobenzene	8.010	146	490458	61.27	ng		99
15) Benzyl Alcohol	7.910	79	413146	68.12	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	501972	61.93	ng		98
17) 2-Methylphenol	8.110	107	389272	65.89	ng		98
18) Hexachloroethane	8.728	117	191530	60.85	ng		97
19) n-Nitroso-di-n-propyla...	8.463	70	363059	65.76	ng		99
20) 3+4-Methylphenols	8.434	107	543003	67.57	ng		99
22) Acetophenone	8.481	105	744359	61.45	ng	#	98
24) Nitrobenzene	8.857	77	518098	61.34	ng		97
25) Isophorone	9.381	82	1048461	62.98	ng		99
26) 2-Nitrophenol	9.557	139	278764	67.36	ng		99
27) 2,4-Dimethylphenol	9.622	122	462148	63.34	ng		100
28) bis(2-Chloroethoxy)met...	9.851	93	610221	61.35	ng		99
29) 2,4-Dichlorophenol	10.093	162	459806	65.03	ng		98
30) 1,2,4-Trichlorobenzene	10.299	180	478505	60.05	ng		97
31) Naphthalene	10.487	128	1508460	60.03	ng		100
32) Benzoic acid	9.799	122	319375	60.53	ng		99
33) 4-Chloroaniline	10.599	127	671888	66.26	ng		99
34) Hexachlorobutadiene	10.769	225	303458	58.79	ng		98
35) Caprolactam	11.404	113	175653	68.70	ng		97
36) 4-Chloro-3-methylphenol	11.740	107	559138	64.84	ng		100
37) 2-Methylnaphthalene	12.098	142	1008171	61.96	ng		99
38) 1-Methylnaphthalene	12.316	142	1066290	61.25	ng		99
40) 1,2,4,5-Tetrachloroben...	12.469	216	566530	59.97	ng		100
41) Hexachlorocyclopentadiene	12.445	237	381621	66.62	ng		97
43) 2,4,6-Trichlorophenol	12.716	196	400552	65.46	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024620.D
Acq On : 13 May 2025 14:45
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: May 13 16:08:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	436361	64.06	ng		99
46) 1,1'-Biphenyl	13.122	154	1437786	59.80	ng		100
47) 2-Chloronaphthalene	13.163	162	1105298	60.29	ng		100
48) 2-Nitroaniline	13.369	65	354977	65.40	ng		98
49) Acenaphthylene	14.016	152	1884018	61.41	ng		100
50) Dimethylphthalate	13.757	163	1498318	60.42	ng		100
51) 2,6-Dinitrotoluene	13.875	165	328682	62.76	ng		99
52) Acenaphthene	14.363	154	1072483	60.80	ng		100
53) 3-Nitroaniline	14.210	138	361174	67.54	ng		99
54) 2,4-Dinitrophenol	14.428	184	196350	61.10	ng		96
55) Dibenzofuran	14.698	168	1691790	60.13	ng		99
56) 4-Nitrophenol	14.545	139	281293	61.78	ng		98
57) 2,4-Dinitrotoluene	14.675	165	471525	63.87	ng		99
58) Fluorene	15.363	166	1376412	60.00	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	396678	62.78	ng		99
60) Diethylphthalate	15.134	149	1525628	60.87	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	692230	60.51	ng		99
62) 4-Nitroaniline	15.404	138	354287	68.05	ng		99
63) Azobenzene	15.657	77	1310800	61.14	ng		97
65) 4,6-Dinitro-2-methylph...	15.457	198	278024	66.55	ng		95
66) n-Nitrosodiphenylamine	15.575	169	1205525	60.68	ng		100
67) 4-Bromophenyl-phenylether	16.269	248	469127	61.56	ng		99
68) Hexachlorobenzene	16.386	284	590615	60.99	ng		99
69) Atrazine	16.557	200	460742	63.29	ng		98
70) Pentachlorophenol	16.739	266	371465	68.29	ng		99
71) Phenanthrene	17.133	178	2183329	60.73	ng		100
72) Anthracene	17.233	178	2210412	61.11	ng		99
73) Carbazole	17.510	167	2042777	62.39	ng		100
74) Di-n-butylphthalate	18.098	149	2644959	62.81	ng		99
75) Fluoranthene	19.222	202	2594532	61.73	ng		100
77) Benzidine	19.422	184	1304259	65.42	ng		99
78) Pyrene	19.598	202	2661811	61.17	ng		100
80) Butylbenzylphthalate	20.551	149	1243403	64.25	ng		100
81) Benzo(a)anthracene	21.504	228	2778689	60.93	ng		99
82) 3,3'-Dichlorobenzidine	21.433	252	1114122	65.77	ng		100
83) Chrysene	21.574	228	2588513	59.88	ng		100
84) Bis(2-ethylhexyl)phtha...	21.445	149	1822019	64.05	ng		99
85) Di-n-octyl phthalate	22.692	149	2998832	64.47	ng		100
87) Indeno(1,2,3-cd)pyrene	28.533	276	3824922	63.64	ng	#	92
88) Benzo(b)fluoranthene	23.768	252	2922103	62.04	ng		99
89) Benzo(k)fluoranthene	23.845	252	3055252	62.95	ng		100
90) Benzo(a)pyrene	24.657	252	2881508	63.69	ng		100
91) Dibenzo(a,h)anthracene	28.603	278	3137905	64.20	ng		99
92) Benzo(g,h,i)perylene	29.692	276	3065416	63.07	ng		100

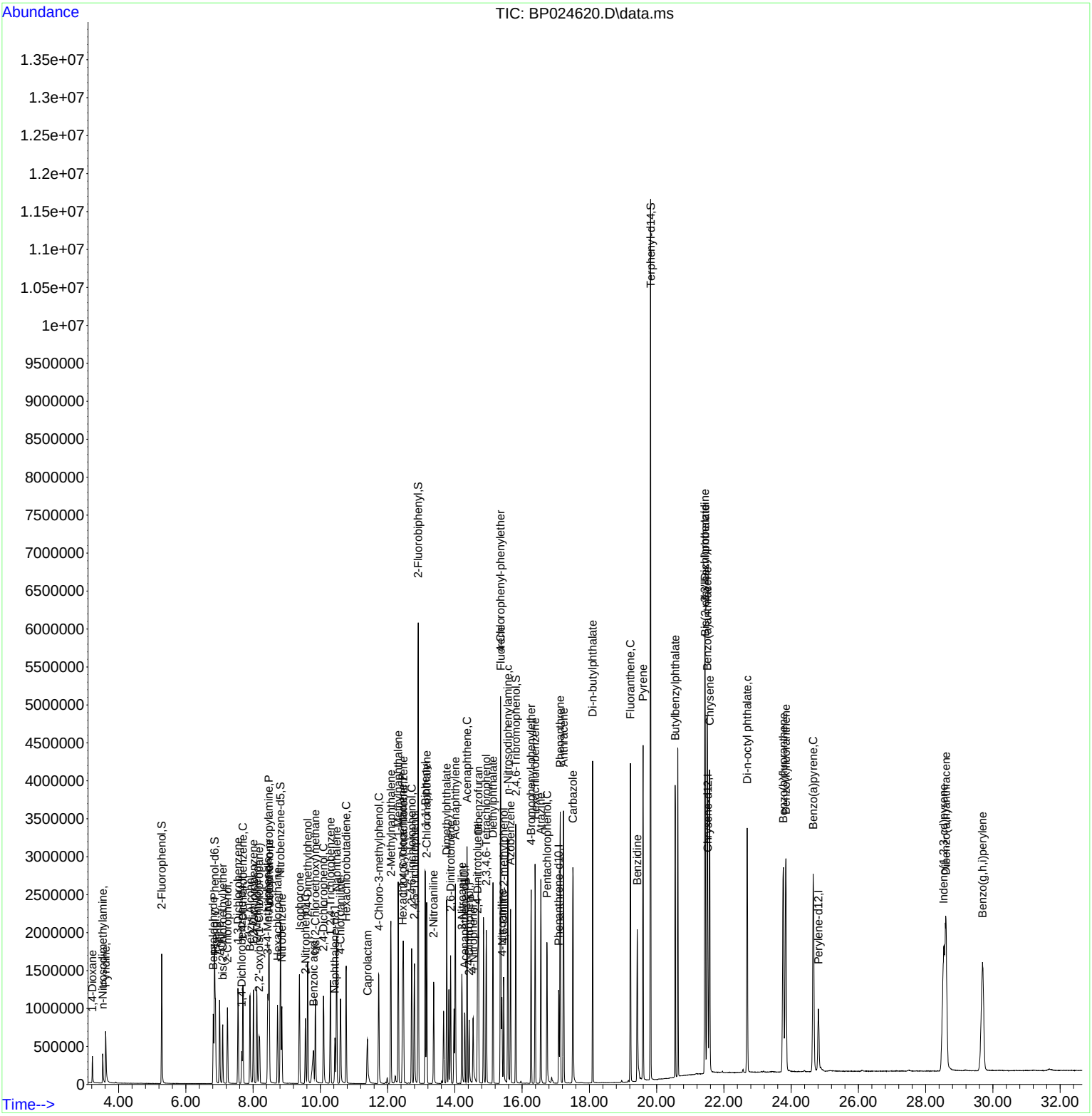
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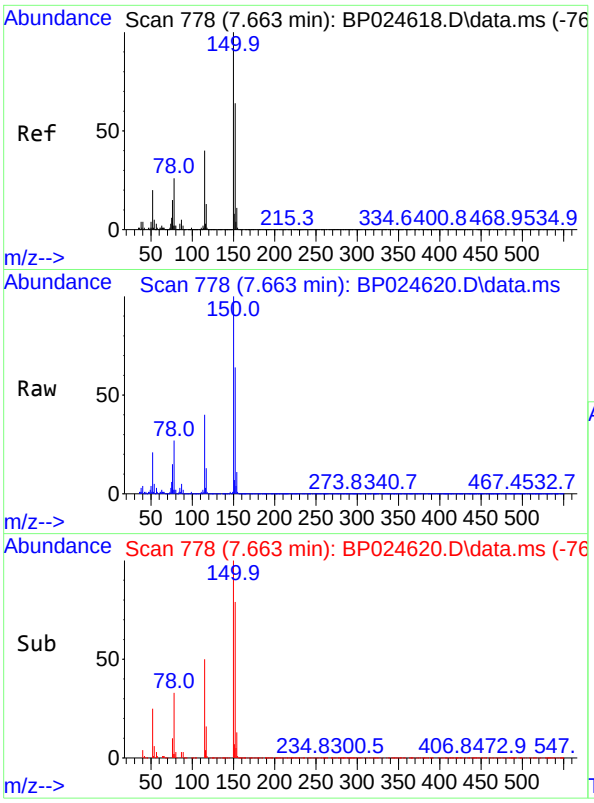
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024620.D
Acq On : 13 May 2025 14:45
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: May 13 16:08:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



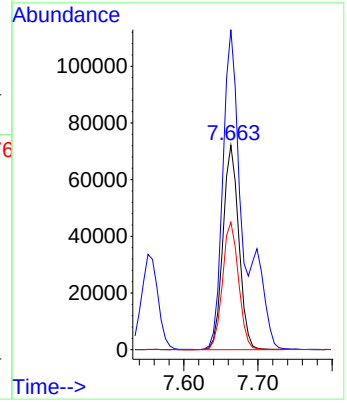


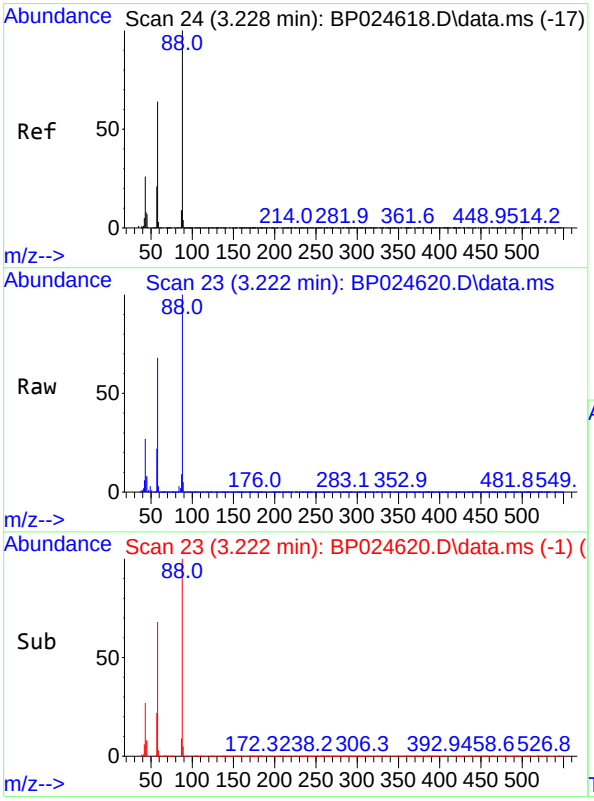
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 106955

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.9	188.9
115	62.4	50.1	75.1

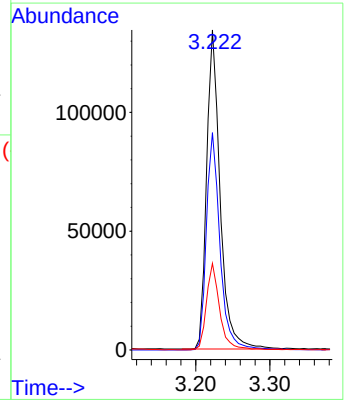


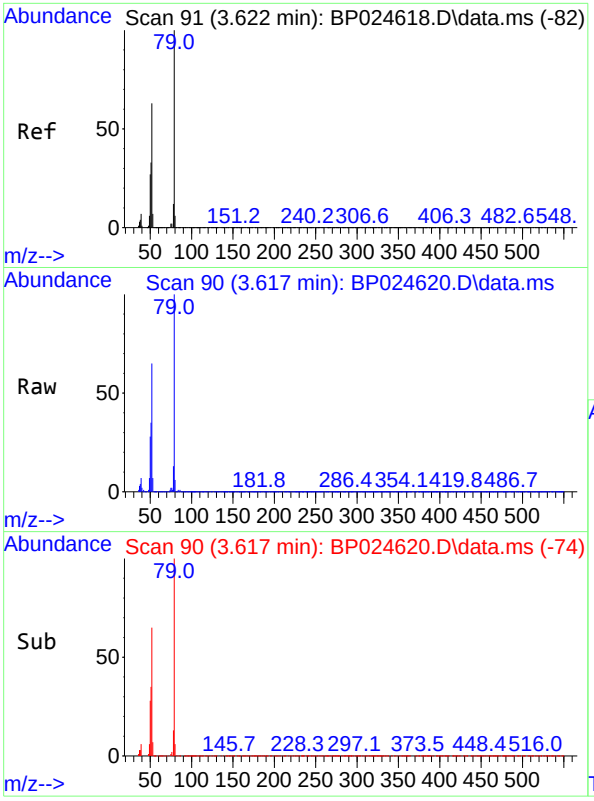


#2
1,4-Dioxane
Concen: 57.95 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 88 Resp: 170174

Ion	Ratio	Lower	Upper
88	100		
58	68.9	54.0	81.0
43	26.5	21.4	32.0



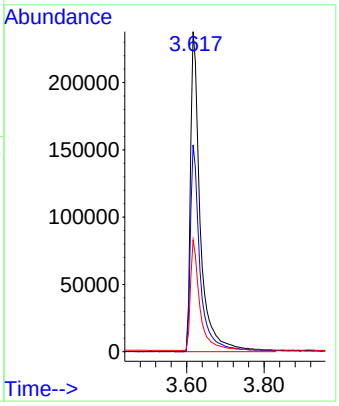


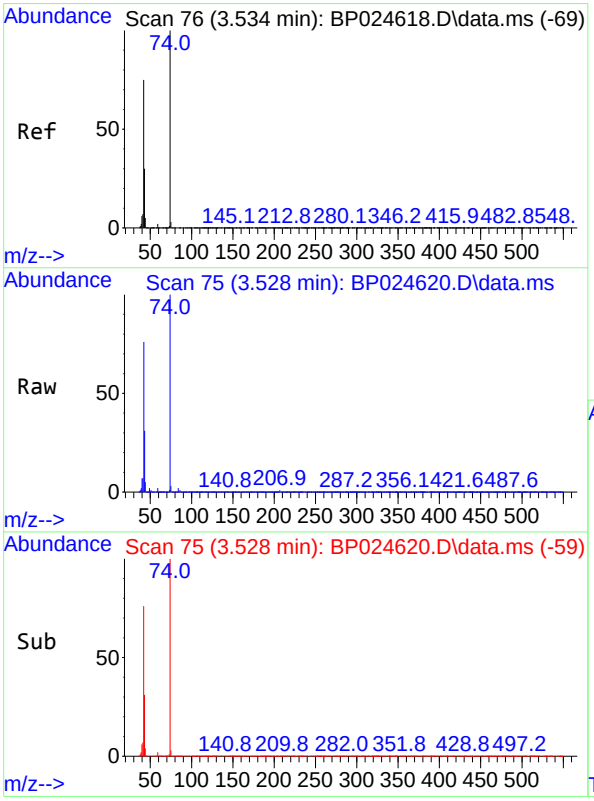
#3
Pyridine
Concen: 64.42 ng
RT: 3.617 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 419426

Ion	Ratio	Lower	Upper
79	100		
52	64.6	50.2	75.2
51	34.9	26.8	40.2

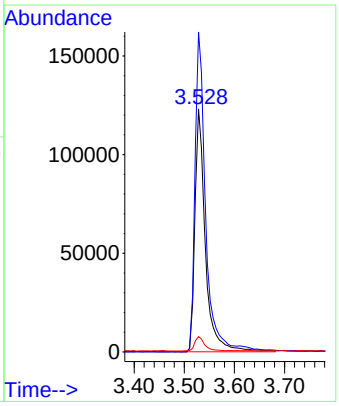


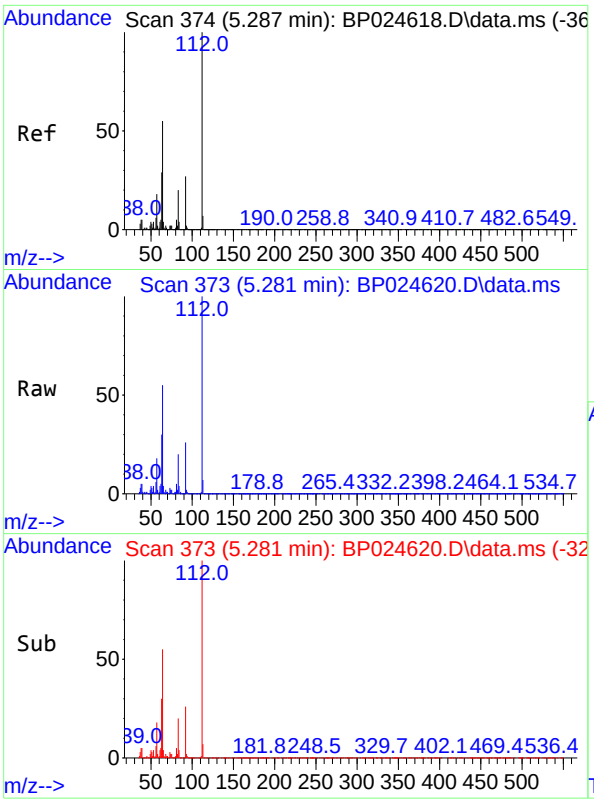


#4
n-Nitrosodimethylamine
Concen: 62.22 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 42 Resp: 178836

Ion	Ratio	Lower	Upper
42	100		
74	131.7	106.2	159.2
44	6.3	5.4	8.2



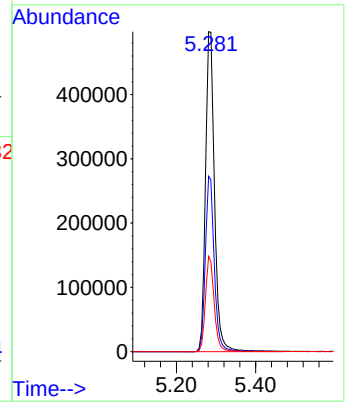


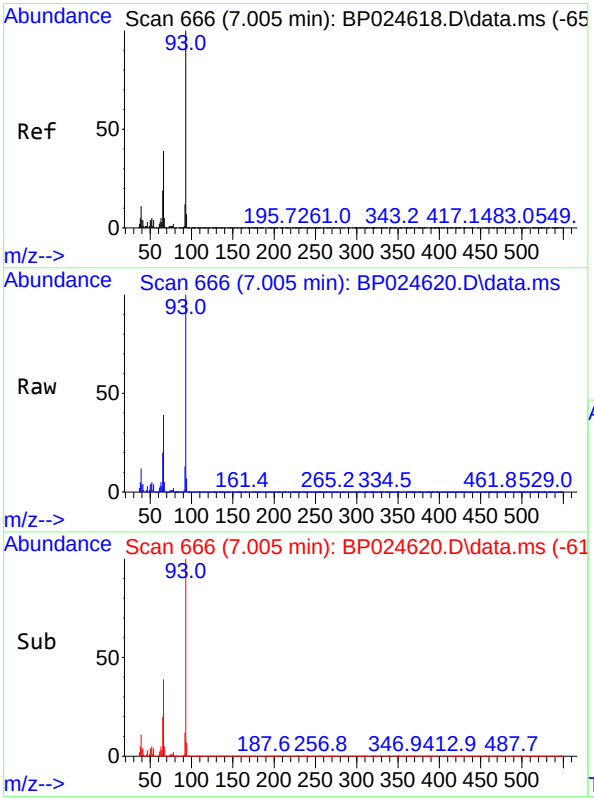
#5
2-Fluorophenol
Concen: 125.47 ng
RT: 5.281 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 784577

Ion	Ratio	Lower	Upper
112	100		
64	54.8	44.1	66.1
63	29.8	23.5	35.3

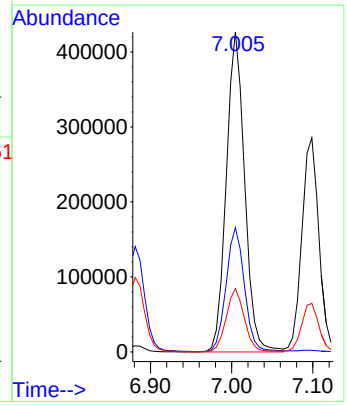


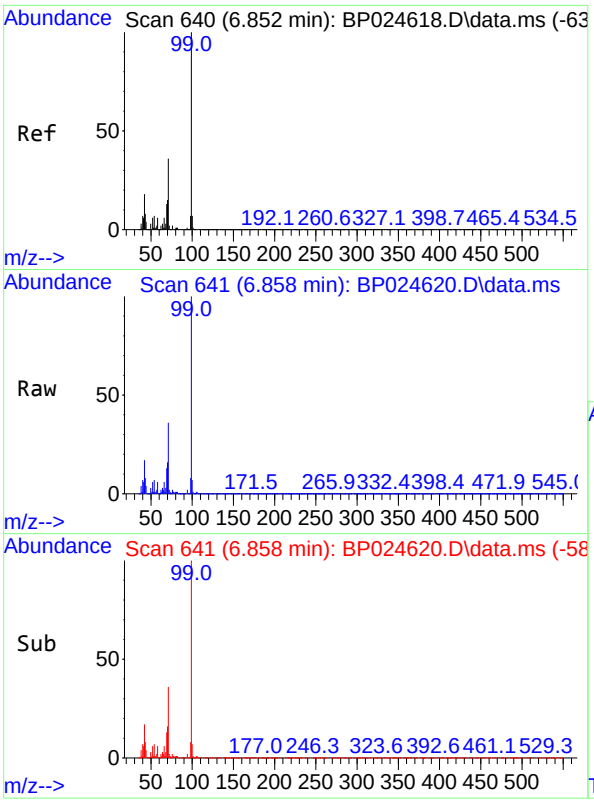


#6
Aniline
Concen: 65.10 ng
RT: 7.005 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 93 Resp: 670773

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.0	46.6
65	19.8	15.5	23.3



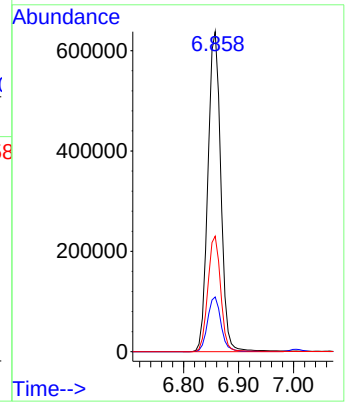


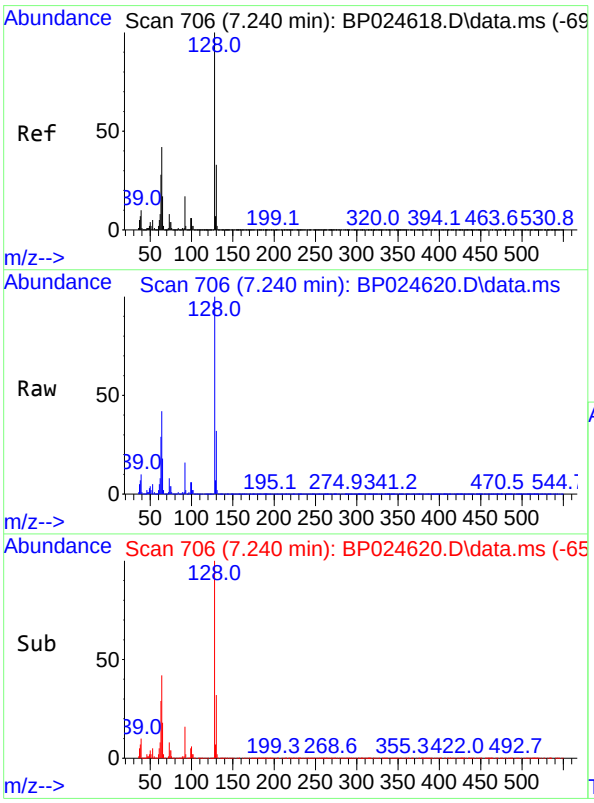
#7
Phenol-d6
Concen: 130.26 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 1039562

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.4	21.6
71	36.1	29.2	43.8

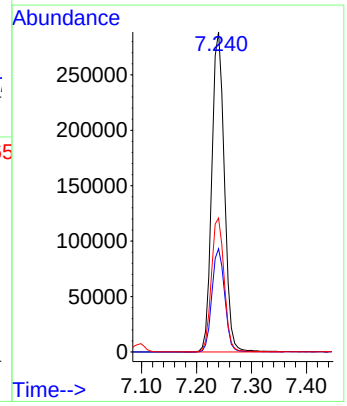


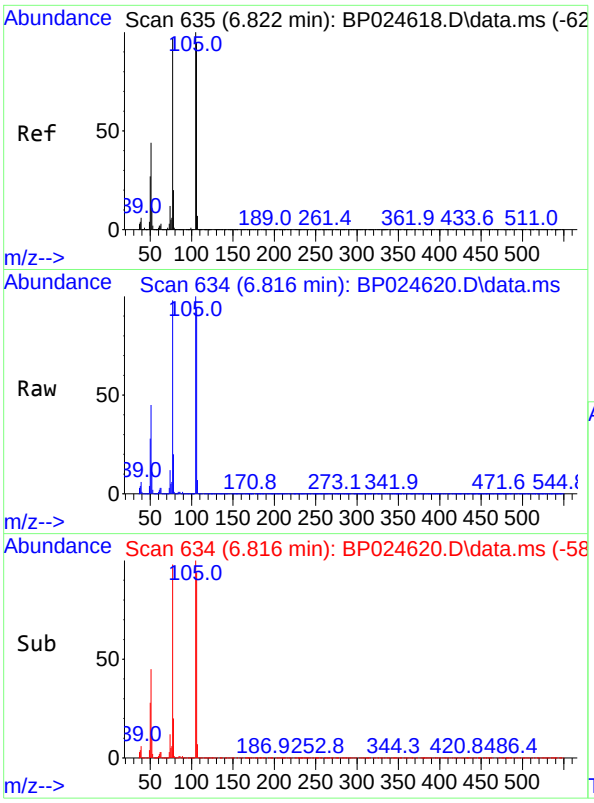


#8
2-Chlorophenol
Concen: 64.79 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:128 Resp: 459952

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	41.9	22.3	62.3



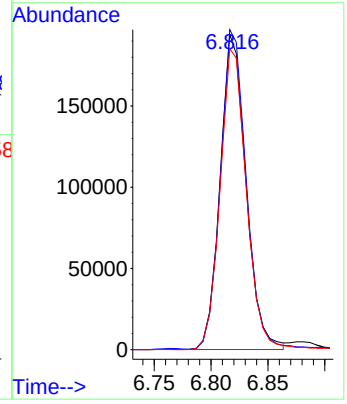


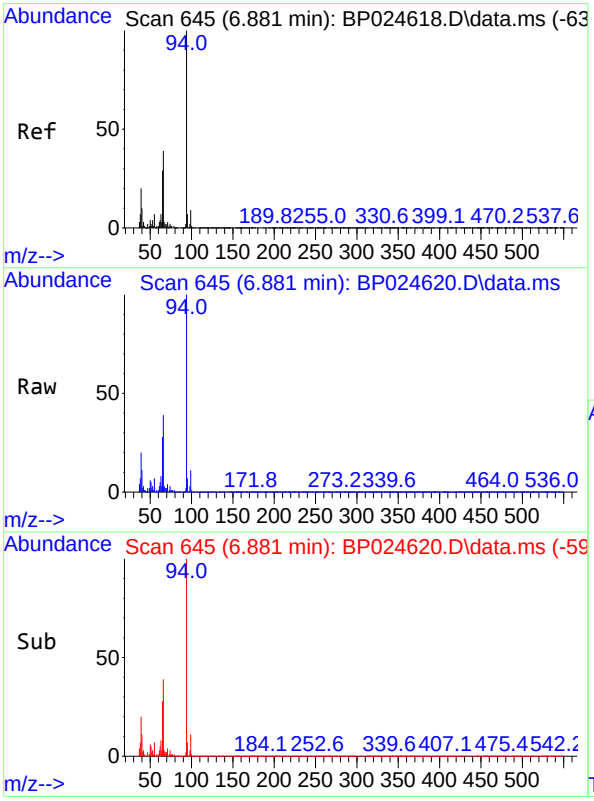
#9
Benzaldehyde
Concen: 59.33 ng
RT: 6.816 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 305987

Ion	Ratio	Lower	Upper
77	100		
105	101.6	83.3	123.3
106	95.5	78.0	118.0

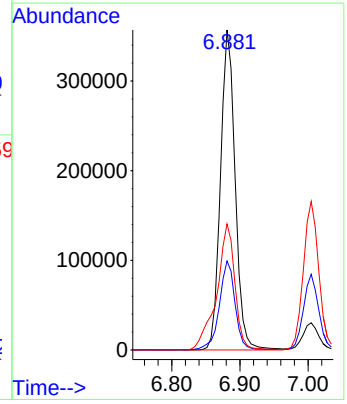


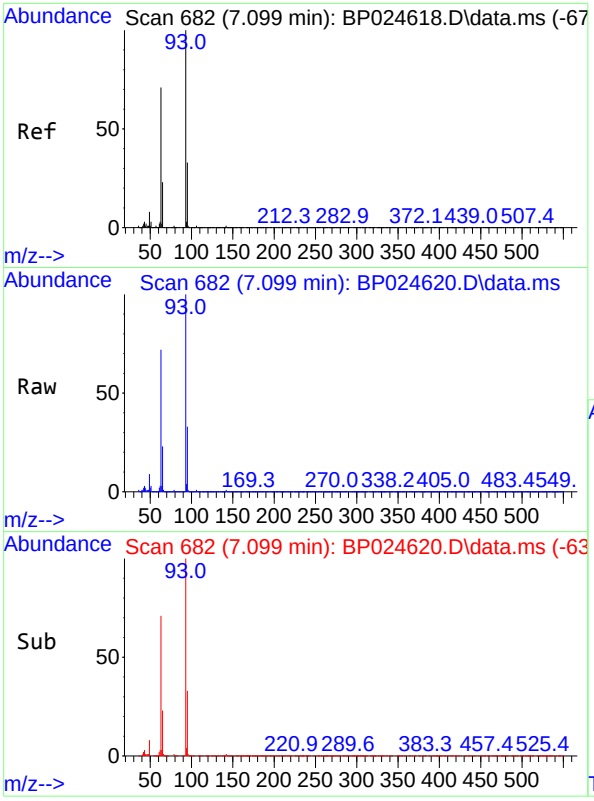


#10
Phenol
Concen: 65.04 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 94 Resp: 535743

Ion	Ratio	Lower	Upper
94	100		
65	27.8	8.7	48.7
66	39.4	19.4	59.4



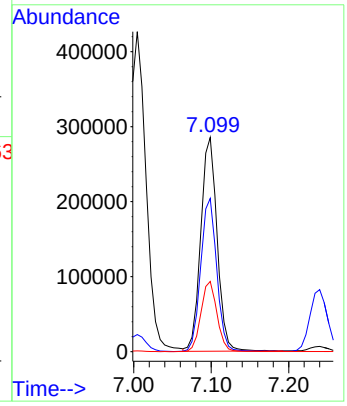


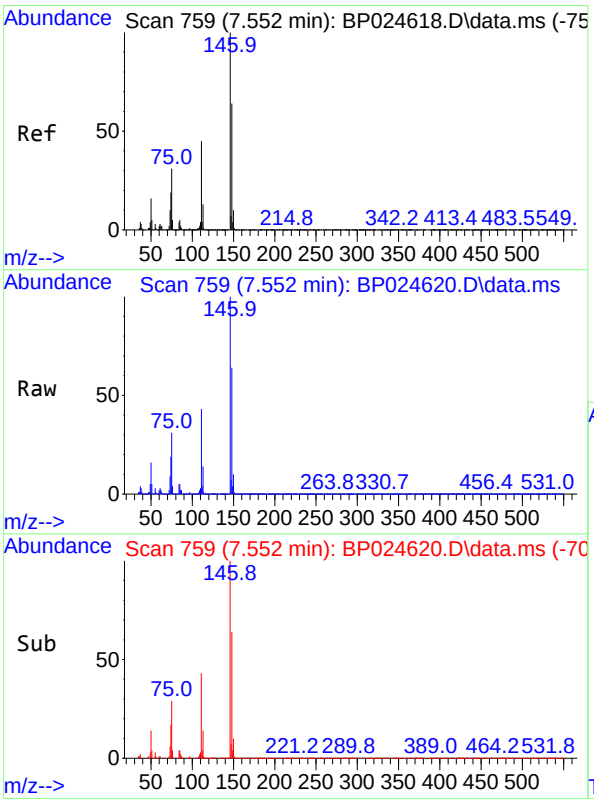
#11
bis(2-Chloroethyl)ether
Concen: 61.60 ng
RT: 7.099 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 416957

Ion	Ratio	Lower	Upper
93	100		
63	71.6	50.6	90.6
95	32.8	12.9	52.9

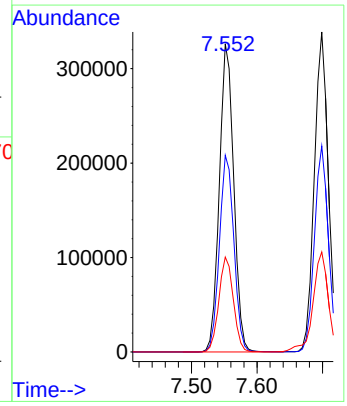


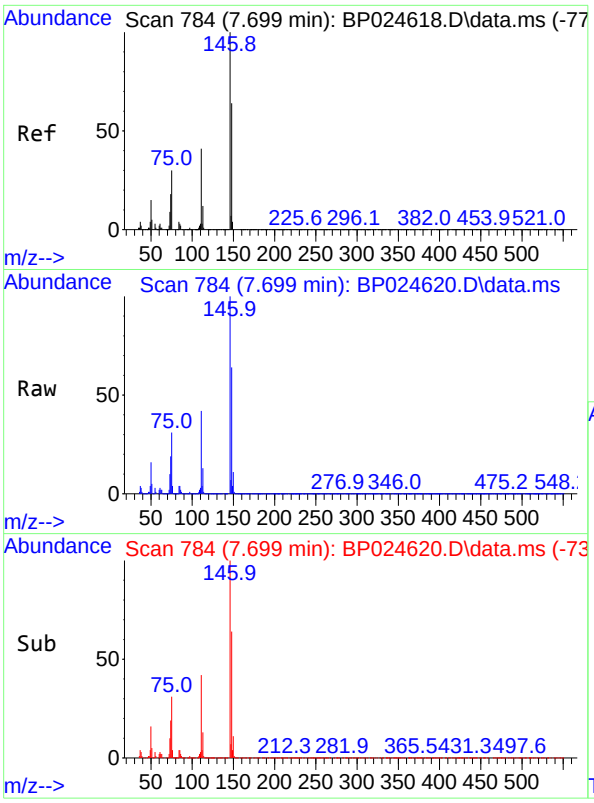


#12
1,3-Dichlorobenzene
Concen: 60.75 ng
RT: 7.552 min Scan# 759
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:146 Resp: 496139

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.2
75	30.8	25.2	37.8



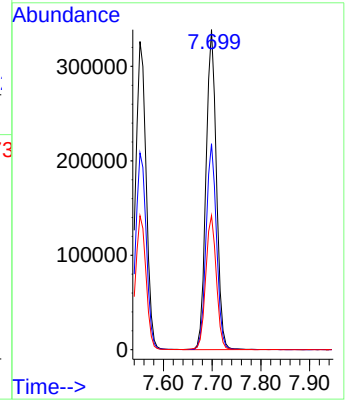


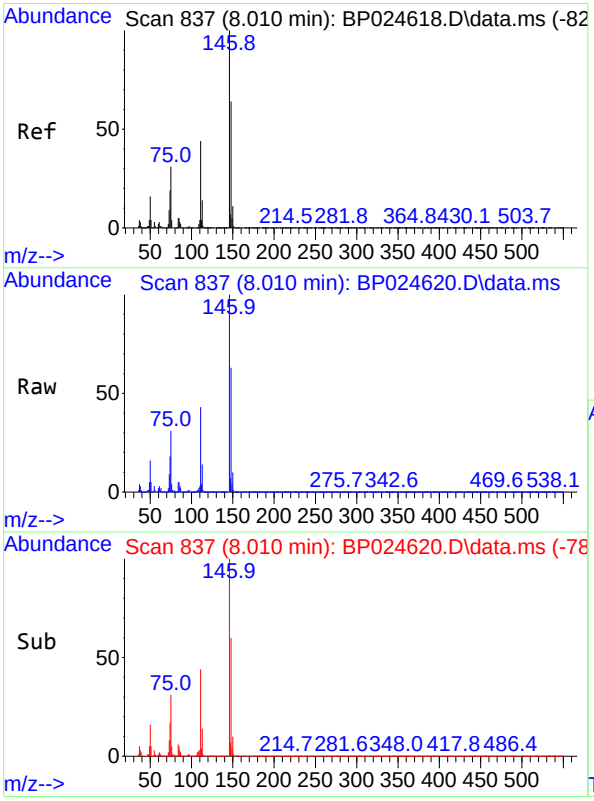
#13
1,4-Dichlorobenzene
Concen: 61.20 ng
RT: 7.699 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 502743

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.6
111	41.9	33.0	49.6

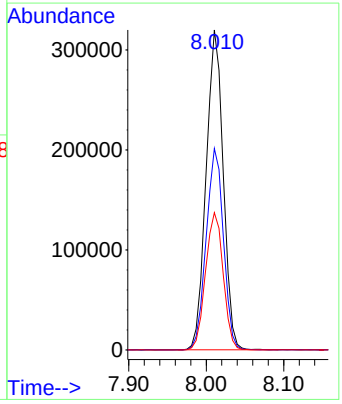


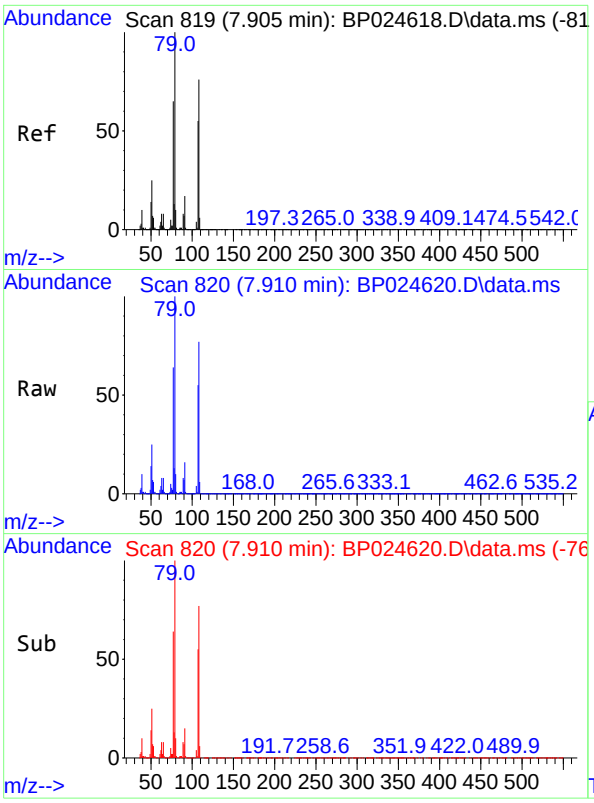


#14
1,2-Dichlorobenzene
Concen: 61.27 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:146 Resp: 490458

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.4
111	42.9	35.2	52.8



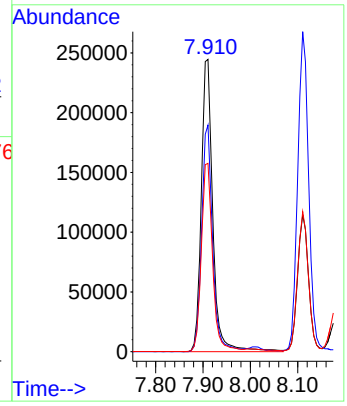


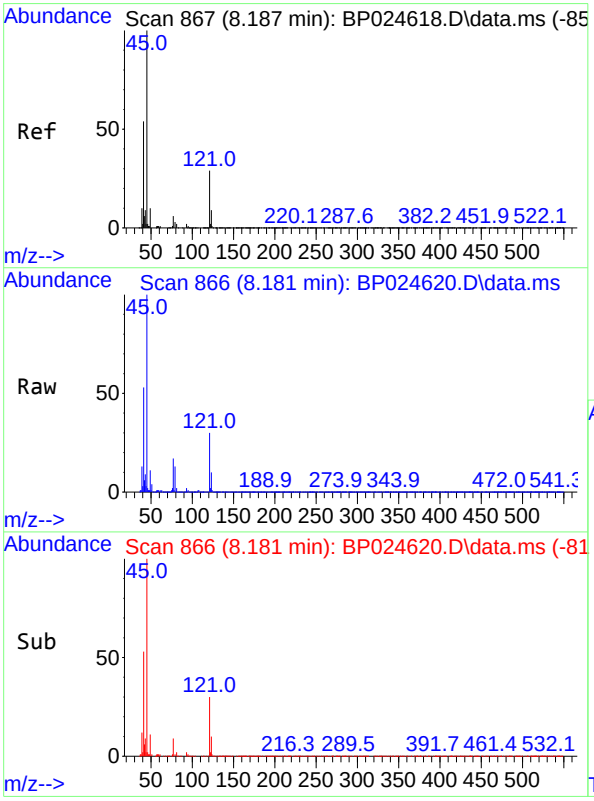
#15
Benzyl Alcohol
Concen: 68.12 ng
RT: 7.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 413146

Ion	Ratio	Lower	Upper
79	100		
108	77.5	60.8	91.2
77	64.4	51.9	77.9

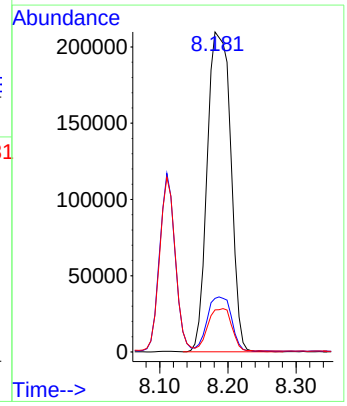


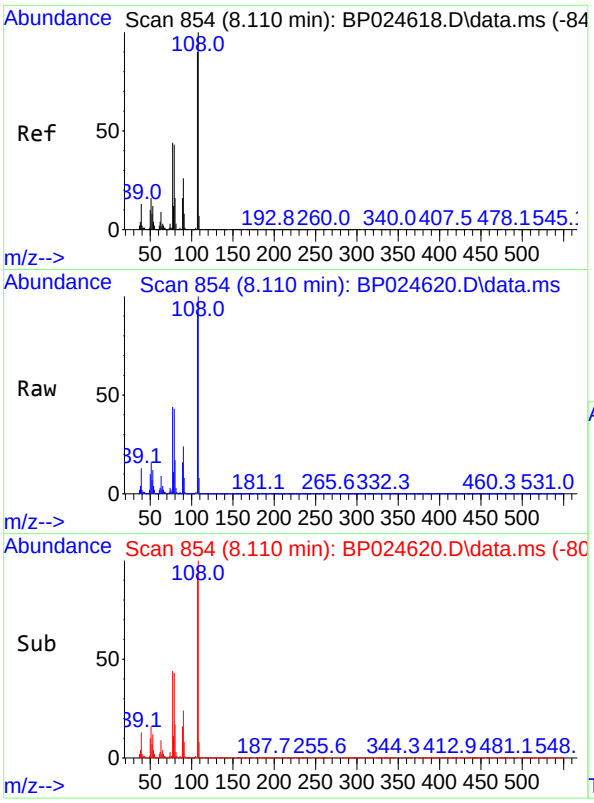


#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.93 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 45 Resp: 501972

Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	37.7
79	13.1	0.0	34.0



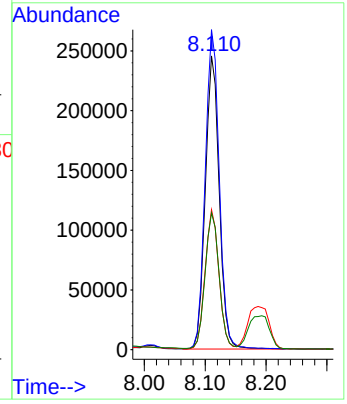


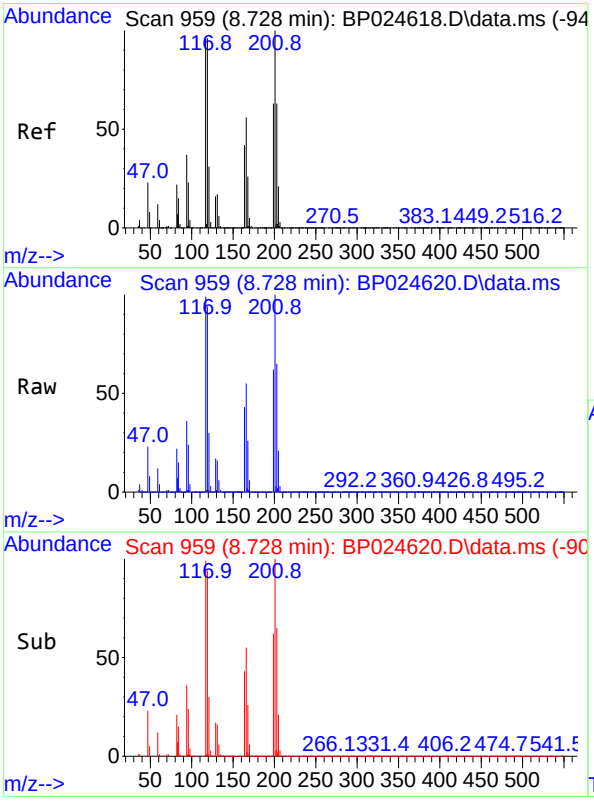
#17
2-Methylphenol
Concen: 65.89 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 389272

Ion	Ratio	Lower	Upper
107	100		
108	109.0	88.9	133.3
77	47.6	39.0	58.6
79	46.6	38.4	57.6

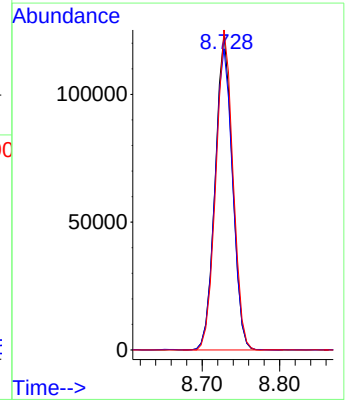


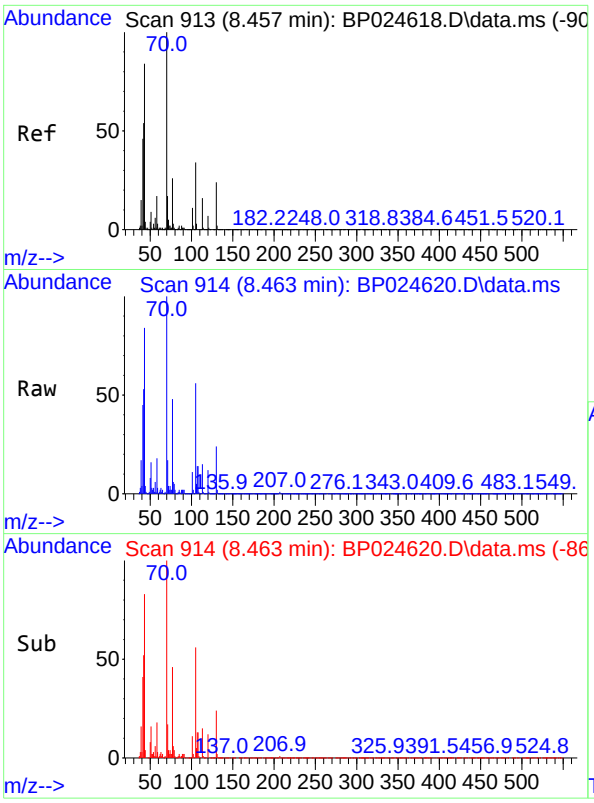


#18
Hexachloroethane
Concen: 60.85 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:117 Resp: 191530

Ion	Ratio	Lower	Upper
117	100		
119	95.3	79.4	119.0
201	101.2	82.7	124.1



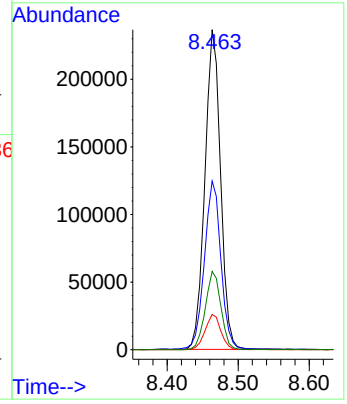


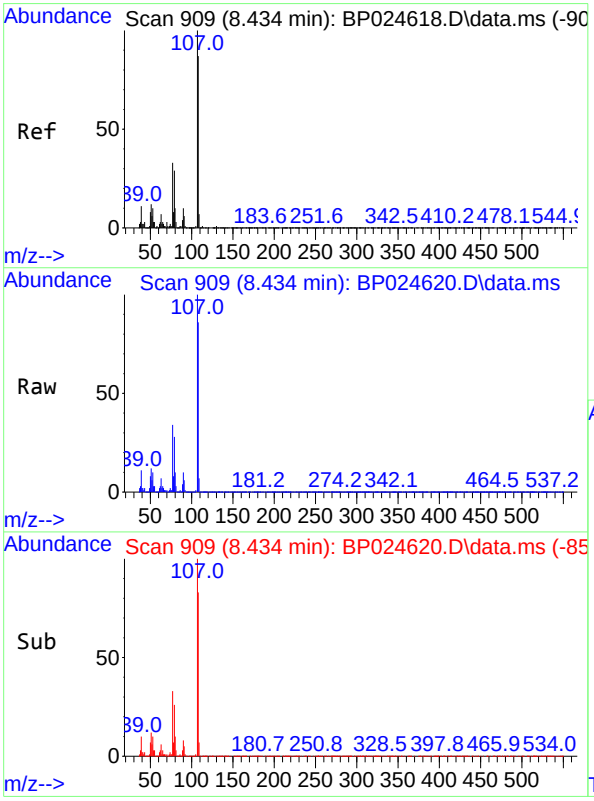
#19
n-Nitroso-di-n-propylamine
Concen: 65.76 ng
RT: 8.463 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 363059

Ion	Ratio	Lower	Upper
70	100		
42	52.7	43.0	64.6
101	11.0	8.7	13.1
130	24.4	19.4	29.0

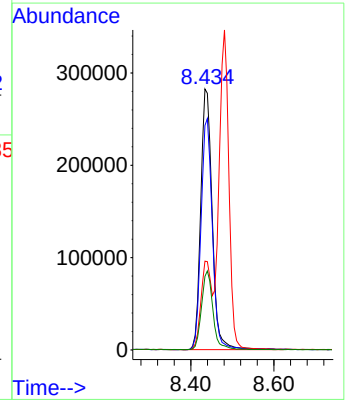


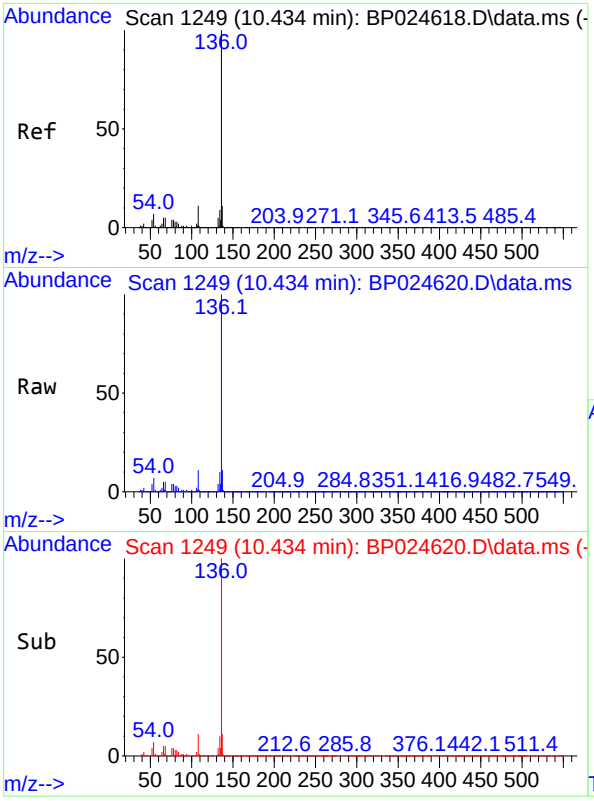


#20
3+4-Methylphenols
Concen: 67.57 ng
RT: 8.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:107 Resp: 543003

Ion	Ratio	Lower	Upper
107	100		
108	86.0	66.7	106.7
77	34.0	13.1	53.1
79	28.2	8.9	48.9



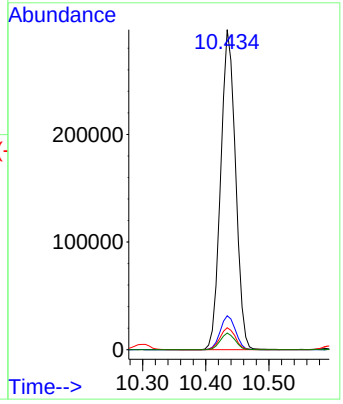


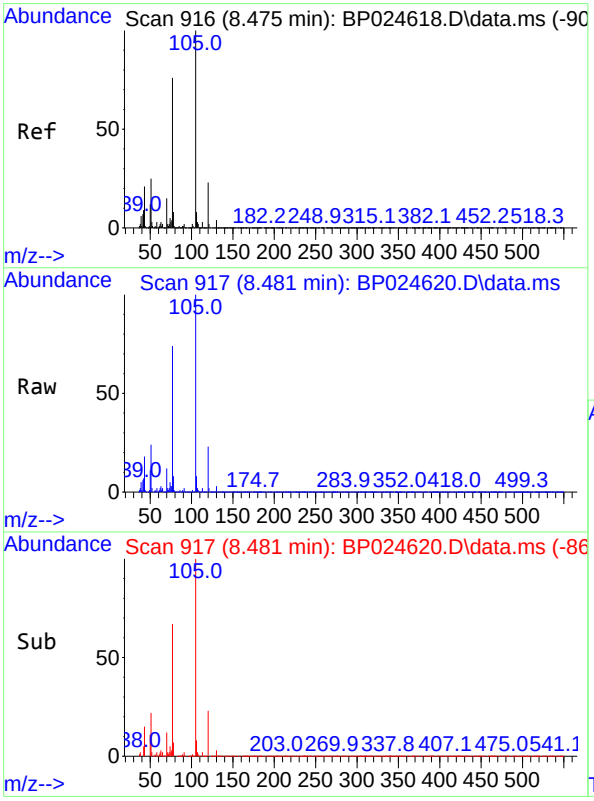
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 484921

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.5	8.3
68	5.2	4.2	6.2

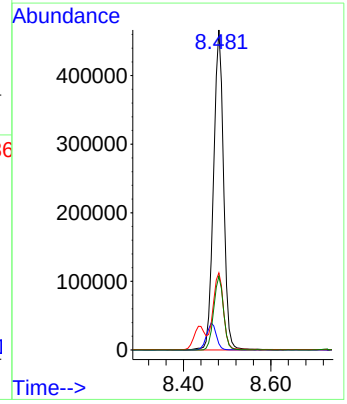


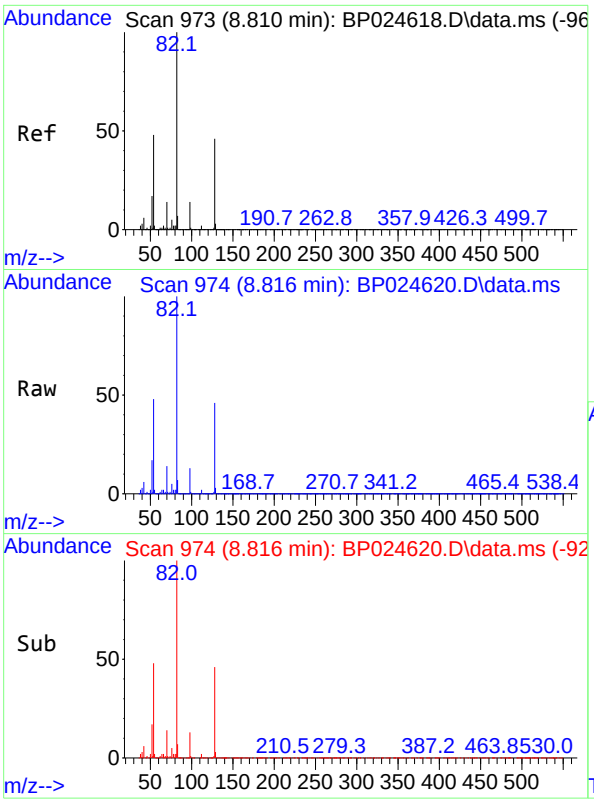


#22
Acetophenone
Concen: 61.45 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:105 Resp: 744359

Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.0	3.0#
51	24.1	20.4	30.6
120	23.0	18.1	27.1



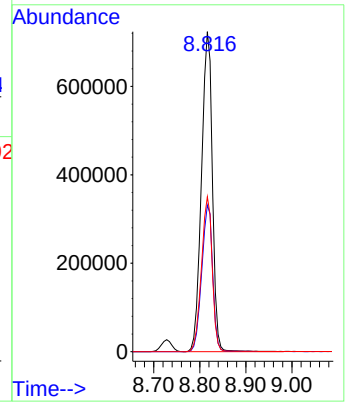


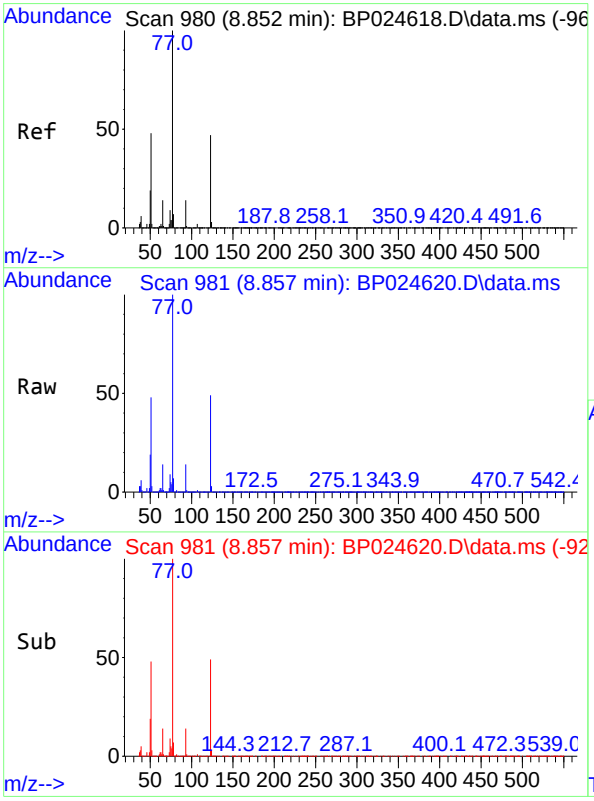
#23
Nitrobenzene-d5
Concen: 123.80 ng
RT: 8.816 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1188192

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.0	55.4
54	48.4	38.7	58.1

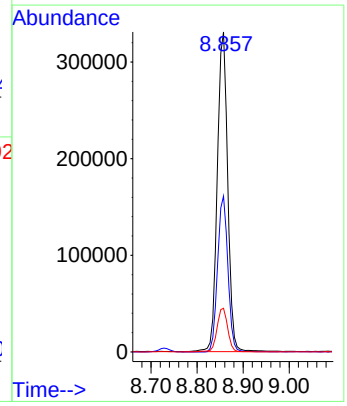


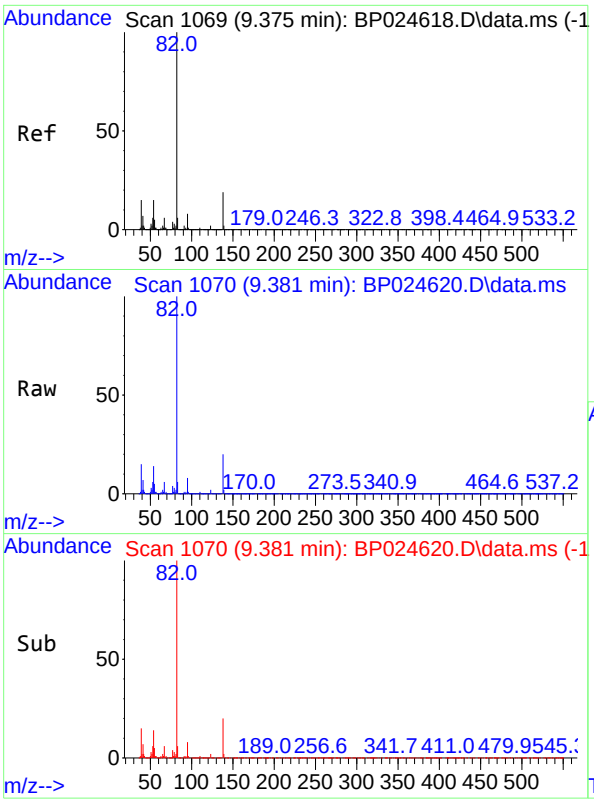


#24
Nitrobenzene
Concen: 61.34 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 77 Resp: 518098

Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.4	56.0
65	13.7	11.3	16.9



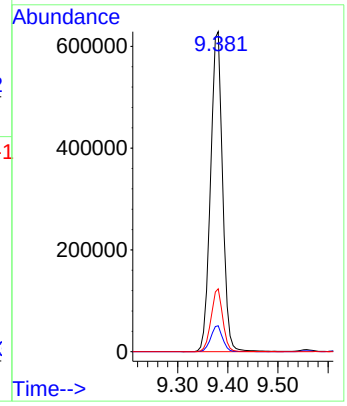


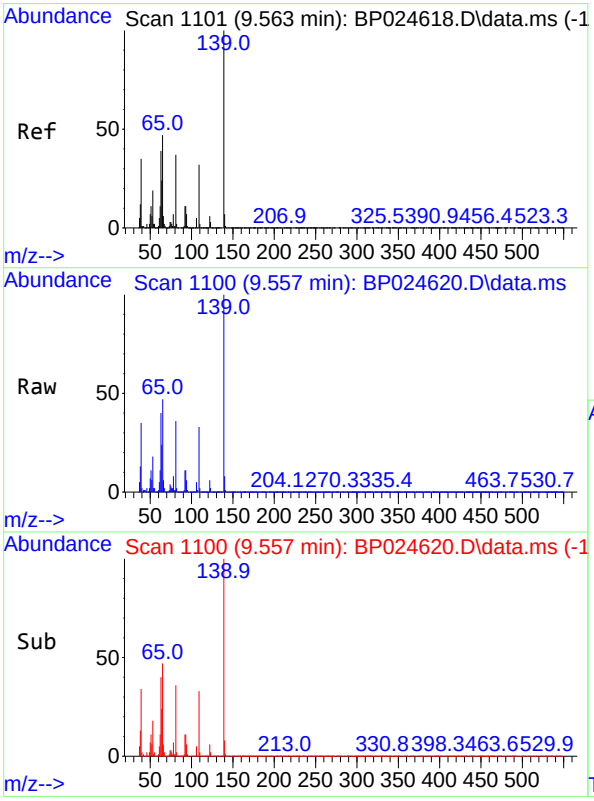
#25
Isophorone
Concen: 62.98 ng
RT: 9.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1048461

Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.3	9.5
138	19.7	15.3	22.9

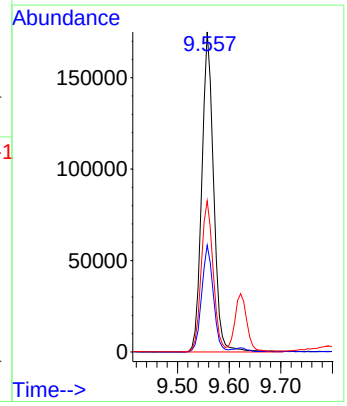


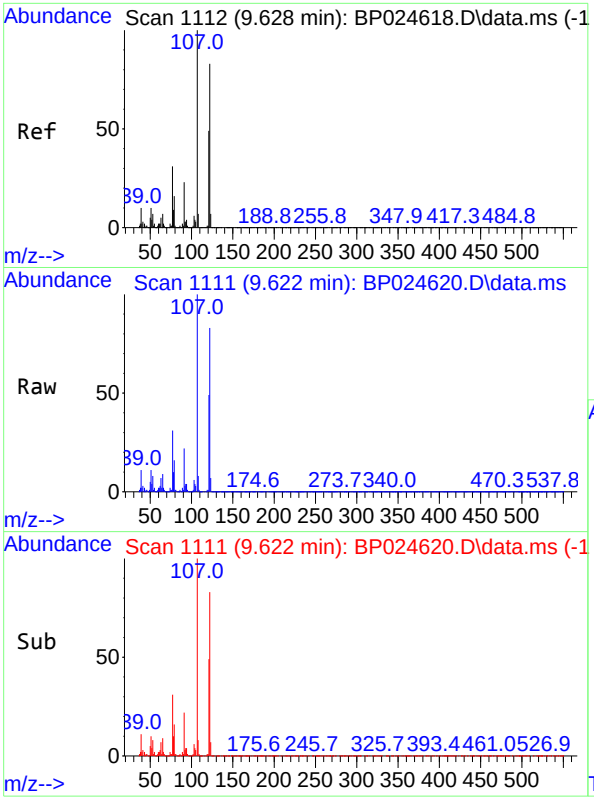


#26
2-Nitrophenol
Concen: 67.36 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:139 Resp: 278764

Ion	Ratio	Lower	Upper
139	100		
109	33.4	25.9	38.9
65	47.3	37.9	56.9



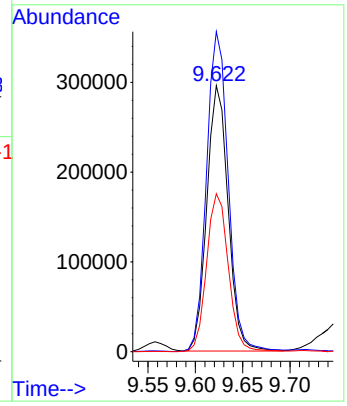


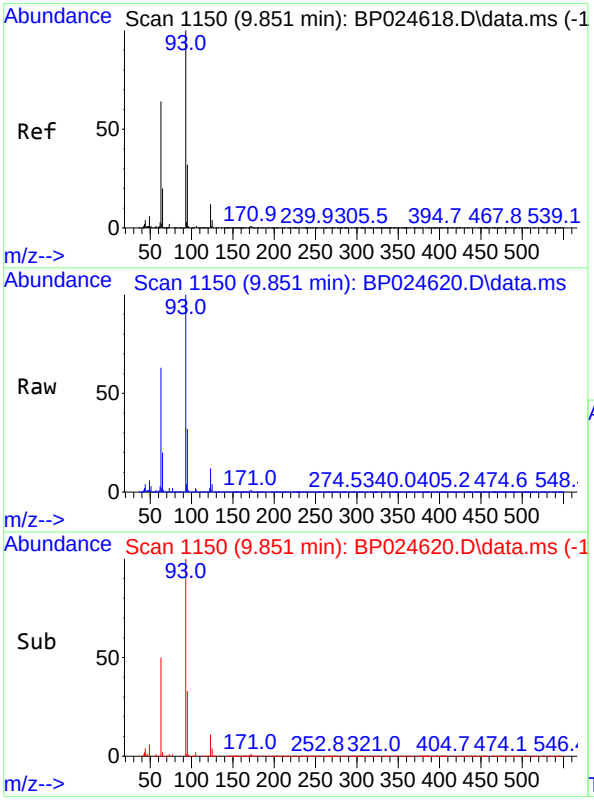
#27
2,4-Dimethylphenol
Concen: 63.34 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 462148

Ion	Ratio	Lower	Upper
122	100		
107	120.2	96.2	144.2
121	59.3	47.6	71.4

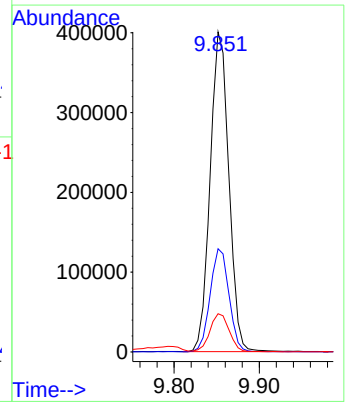


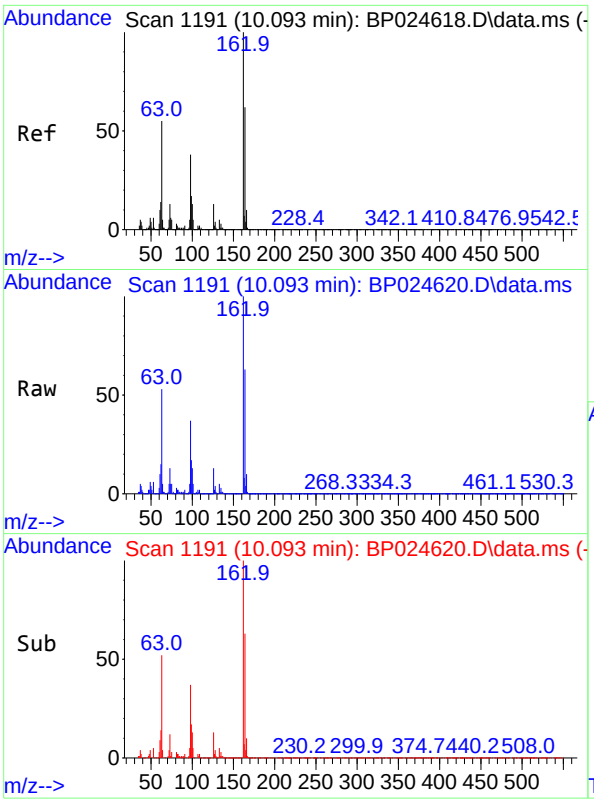


#28
bis(2-Chloroethoxy)methane
Concen: 61.35 ng
RT: 9.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 93 Resp: 610221

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	11.9	9.7	14.5



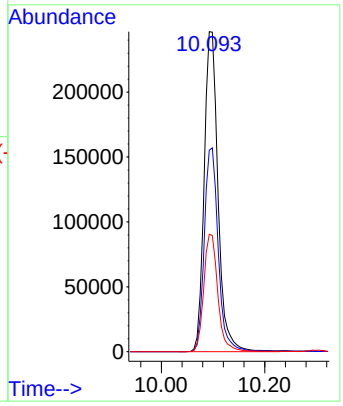


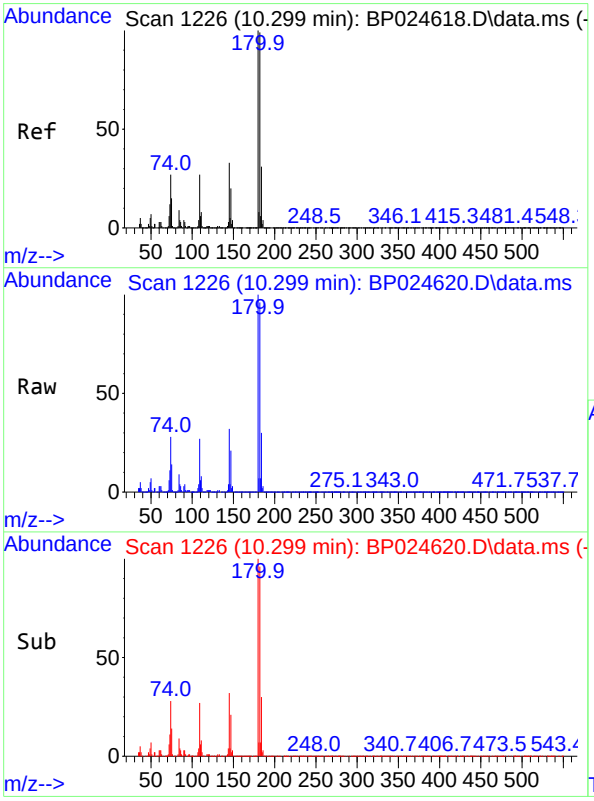
#29
2,4-Dichlorophenol
Concen: 65.03 ng
RT: 10.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 459806

Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.3	82.3
98	36.7	18.4	58.4

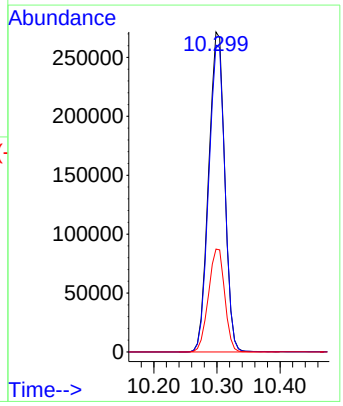


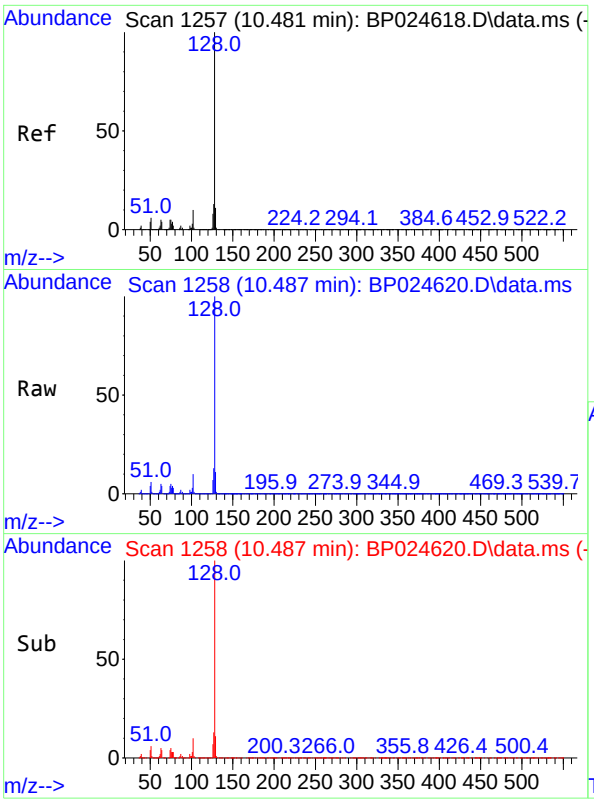


#30
1,2,4-Trichlorobenzene
Concen: 60.05 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:180 Resp: 478505

Ion	Ratio	Lower	Upper
180	100		
182	95.9	79.0	118.4
145	32.2	26.6	39.8



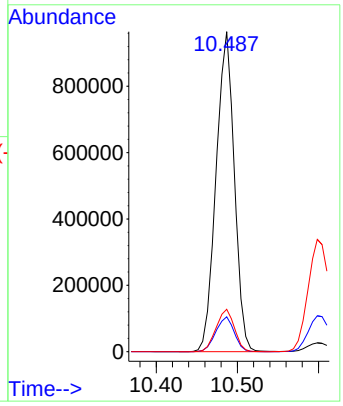


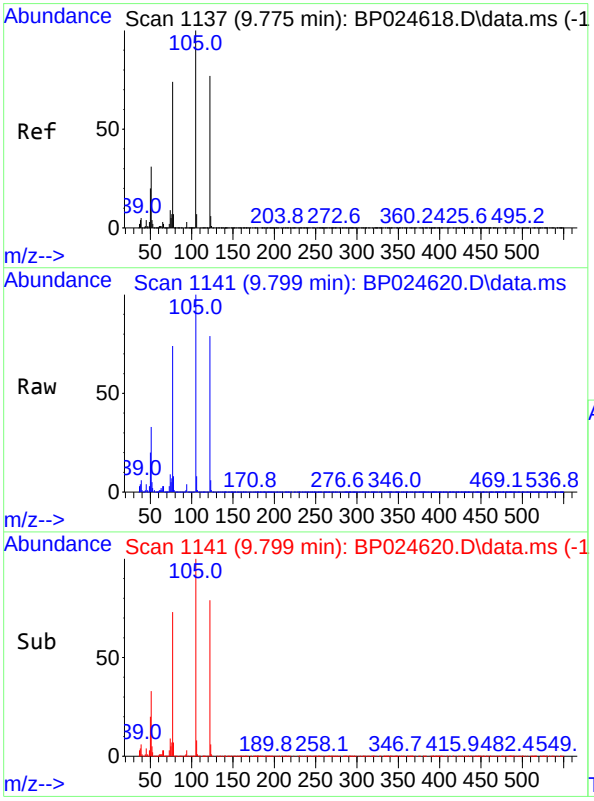
#31
Naphthalene
Concen: 60.03 ng
RT: 10.487 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 1508460

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.3	10.7	16.1

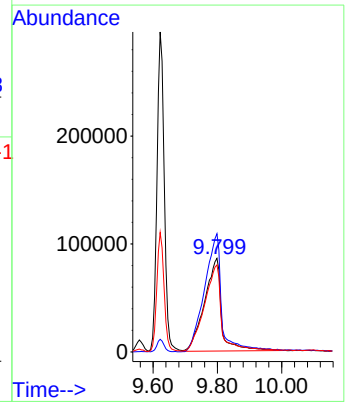


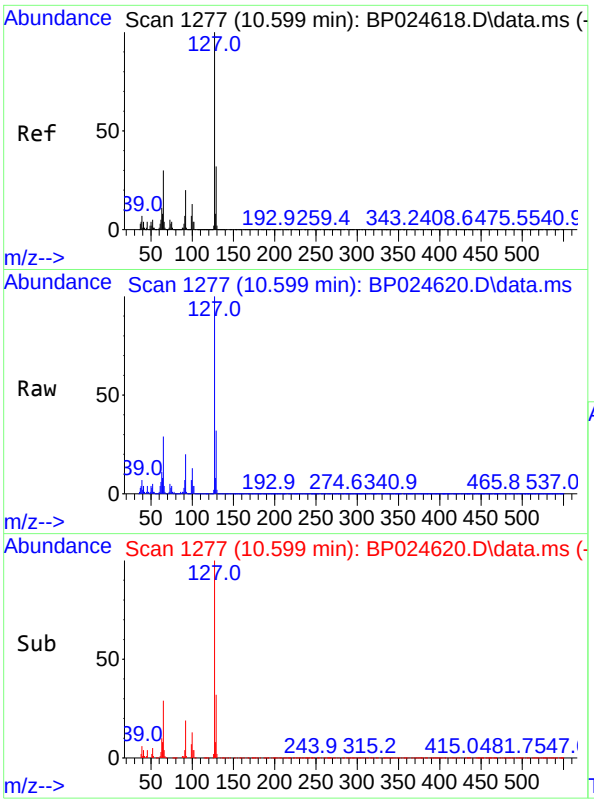


#32
Benzoic acid
Concen: 60.53 ng
RT: 9.799 min Scan# 1141
Delta R.T. 0.024 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:122 Resp: 319375

Ion	Ratio	Lower	Upper
122	100		
105	126.3	106.9	146.9
77	93.0	75.1	115.1



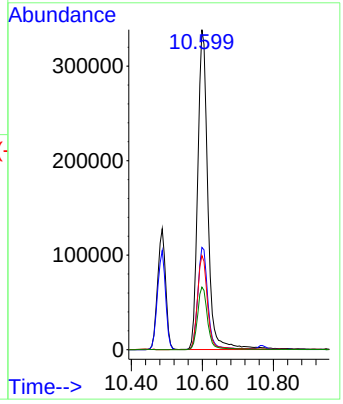


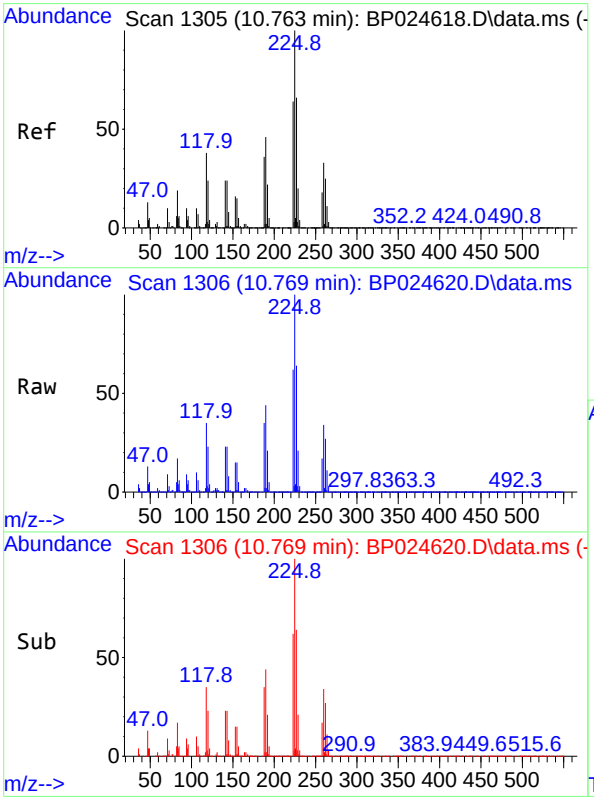
#33
4-Chloroaniline
Concen: 66.26 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 671888

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	29.4	23.9	35.9
92	19.6	16.1	24.1

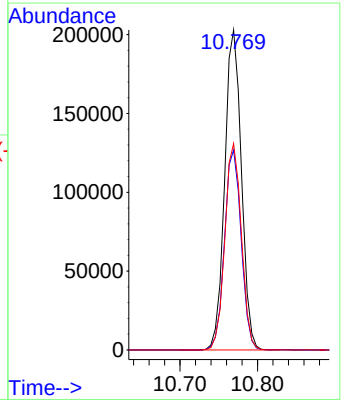


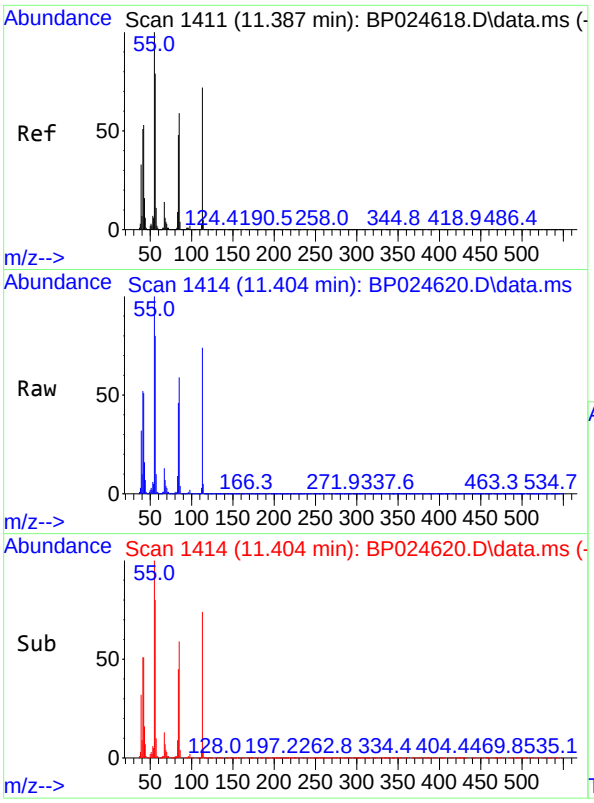


#34
Hexachlorobutadiene
Concen: 58.79 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:225 Resp: 303458

Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	64.5	53.1	79.7



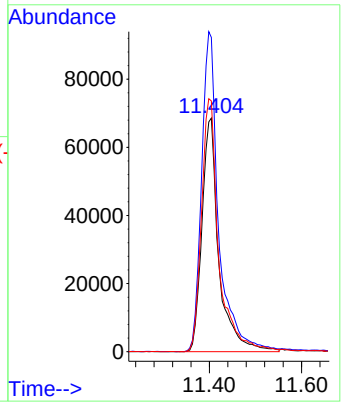


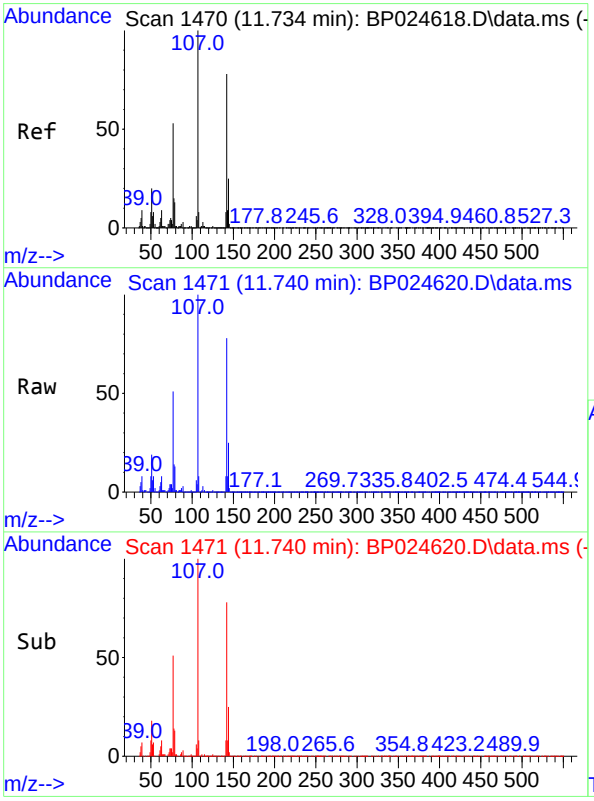
#35
Caprolactam
Concen: 68.70 ng
RT: 11.404 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 175653

Ion	Ratio	Lower	Upper
113	100		
55	134.5	119.0	159.0
56	107.3	90.3	130.3

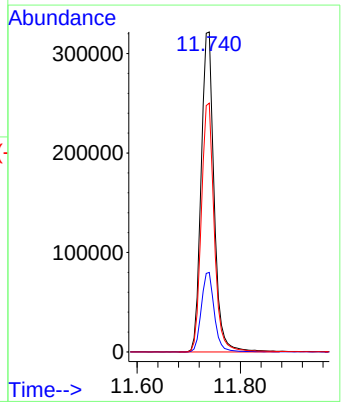


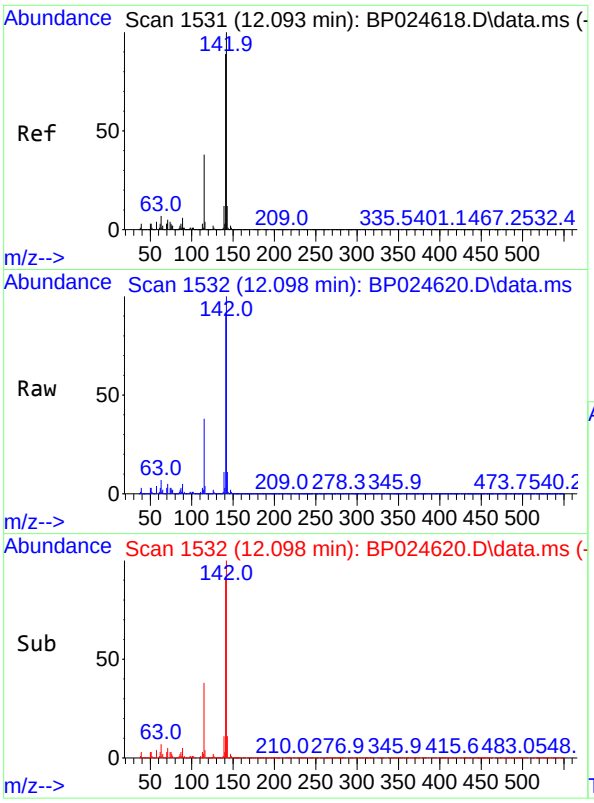


#36
4-Chloro-3-methylphenol
Concen: 64.84 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:107 Resp: 559138

Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.1	30.1
142	77.8	62.1	93.1



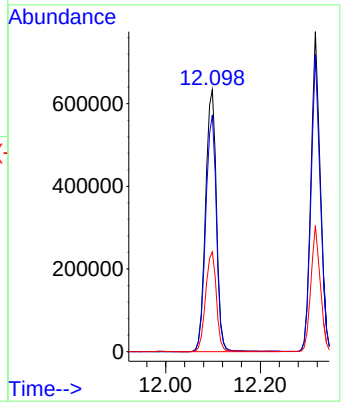


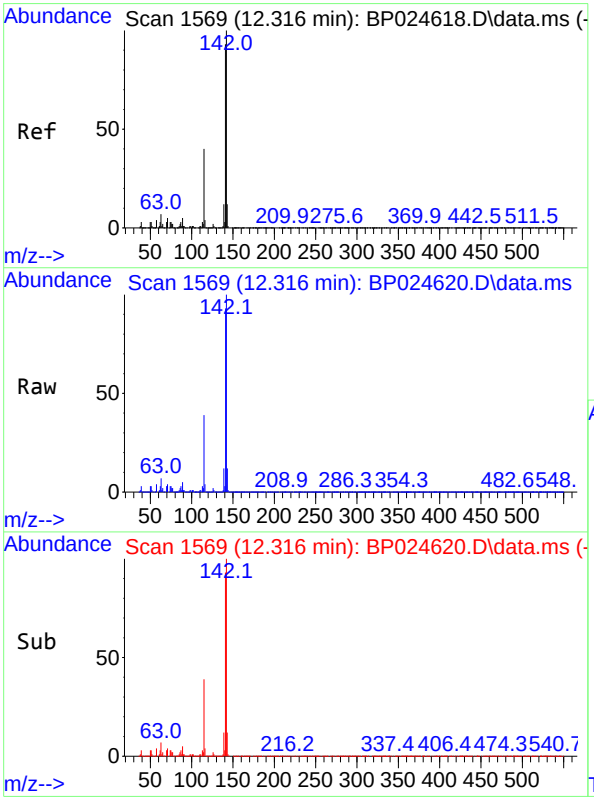
#37
2-Methylnaphthalene
Concen: 61.96 ng
RT: 12.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1008171

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.2	106.8
115	38.1	30.6	46.0

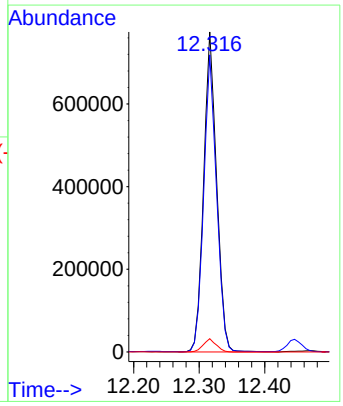


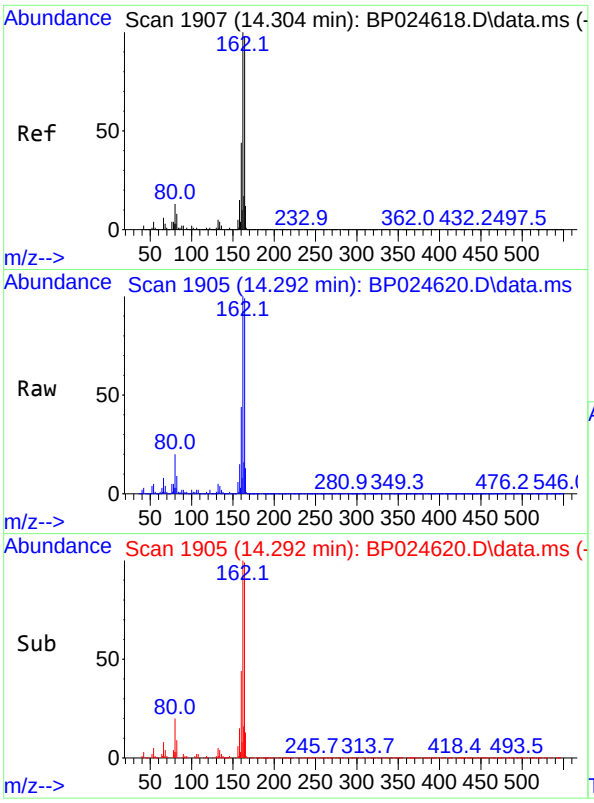


#38
1-Methylnaphthalene
Concen: 61.25 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:142 Resp: 1066290

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.7	112.1
116	4.2	3.4	5.2



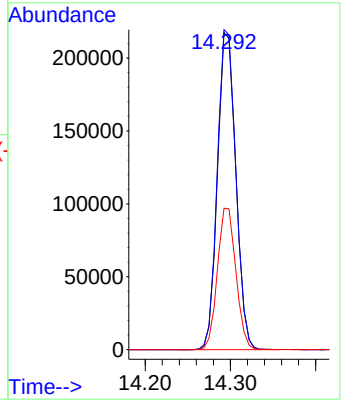


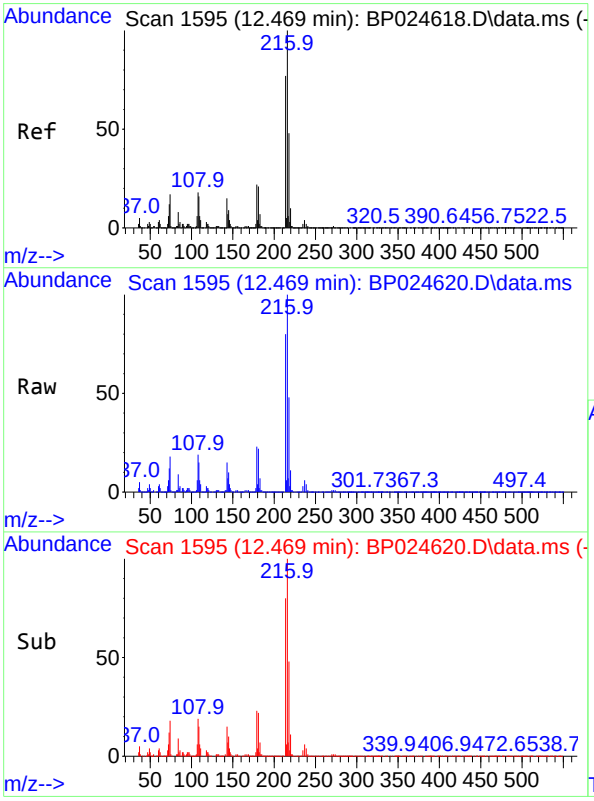
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 325327

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.8	122.6
160	44.6	36.3	54.5

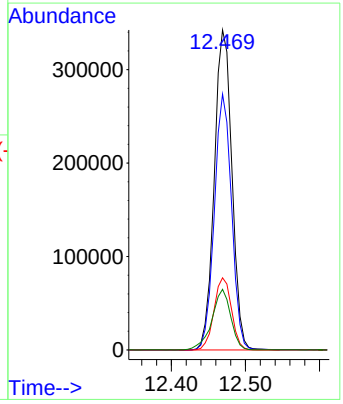


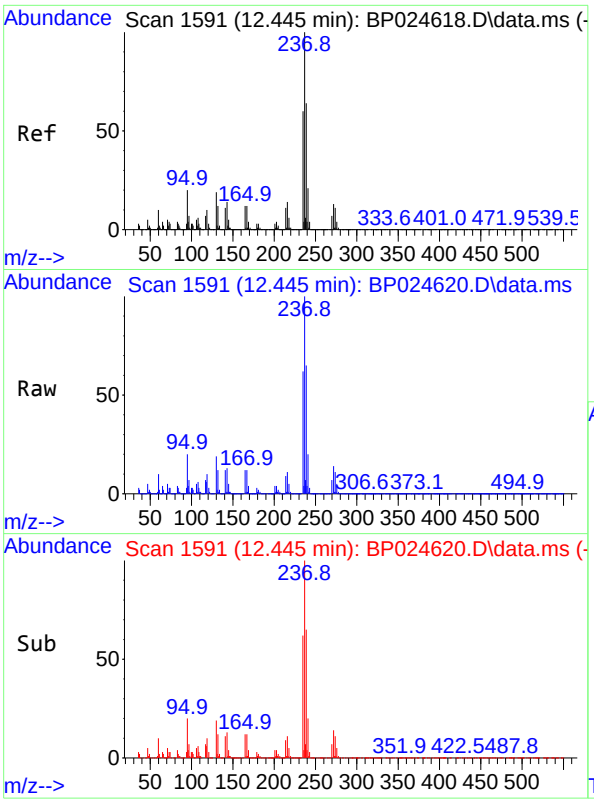


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.97 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:216 Resp: 566530

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	22.4	17.7	26.5
108	20.3	16.0	24.0



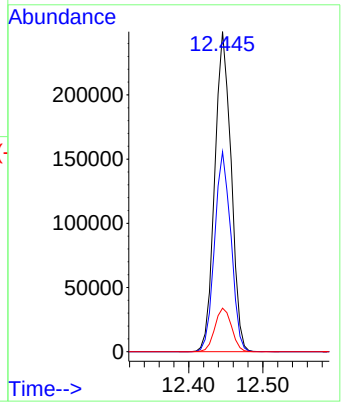


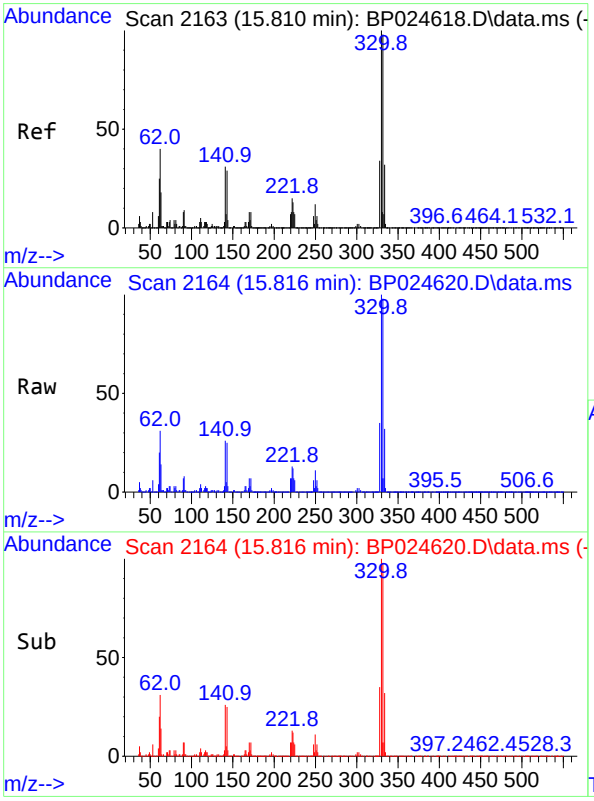
#41
Hexachlorocyclopentadiene
Concen: 66.62 ng
RT: 12.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 381621

Ion	Ratio	Lower	Upper
237	100		
235	62.4	39.9	79.9
272	13.6	0.0	33.2

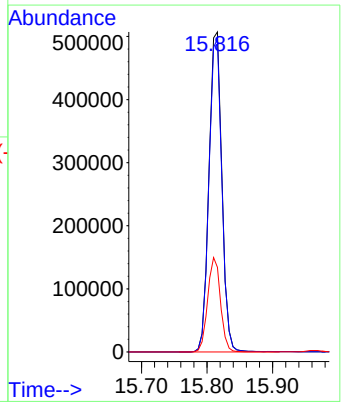


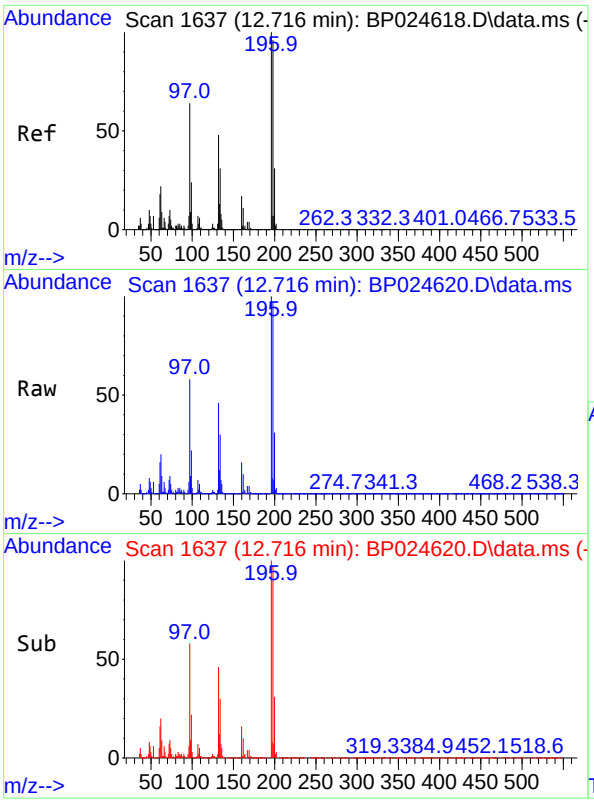


#42
2,4,6-Tribromophenol
Concen: 126.27 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:330 Resp: 696428

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.2	117.4
141	29.3	24.3	36.5



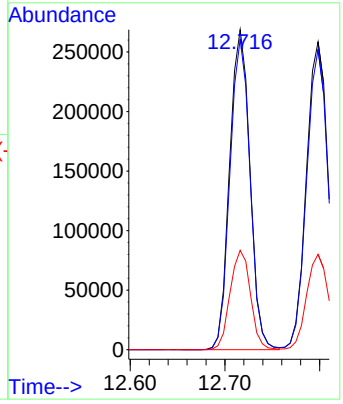


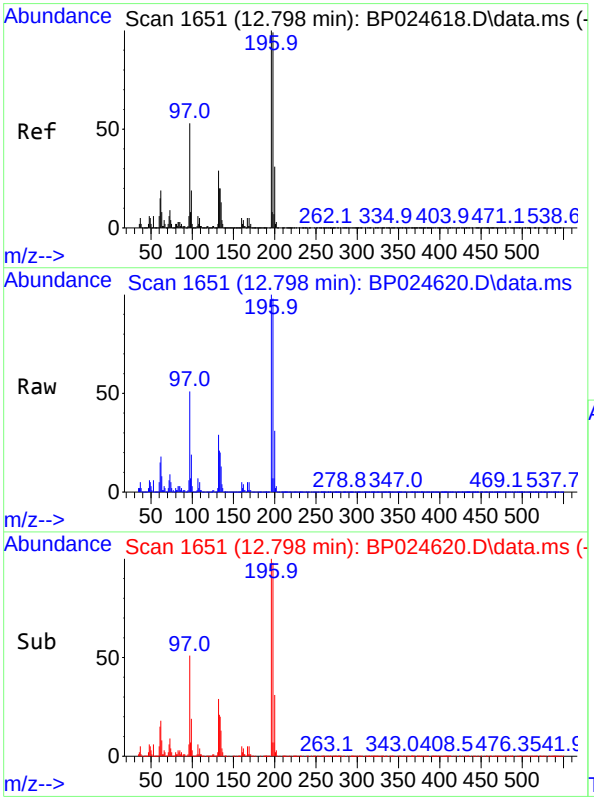
#43
2,4,6-Trichlorophenol
Concen: 65.46 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 400552

Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.9	115.3
200	31.0	25.2	37.8

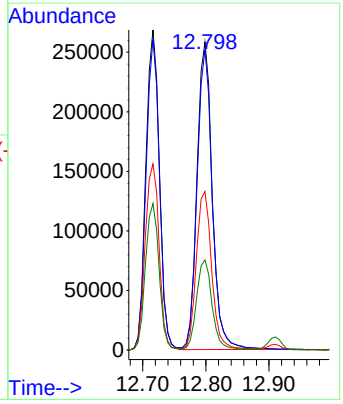


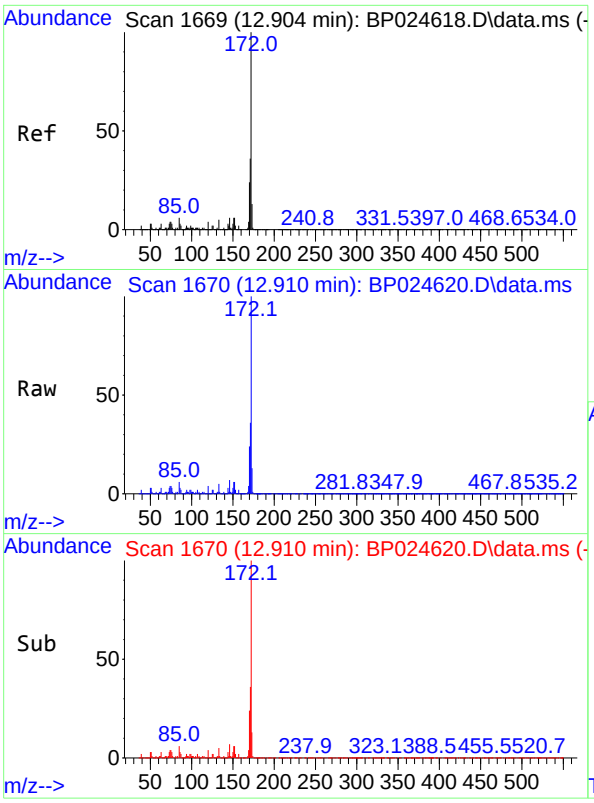


#44
2,4,5-Trichlorophenol
Concen: 64.06 ng
RT: 12.798 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:196 Resp: 436361

Ion	Ratio	Lower	Upper
196	100		
198	97.5	79.2	118.8
97	51.4	42.3	63.5
132	29.2	23.3	34.9



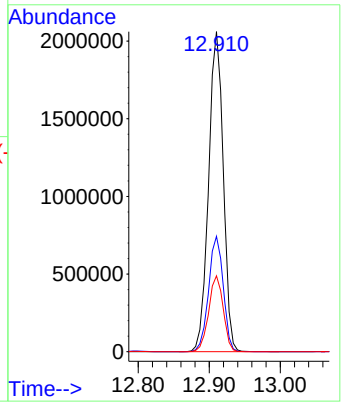


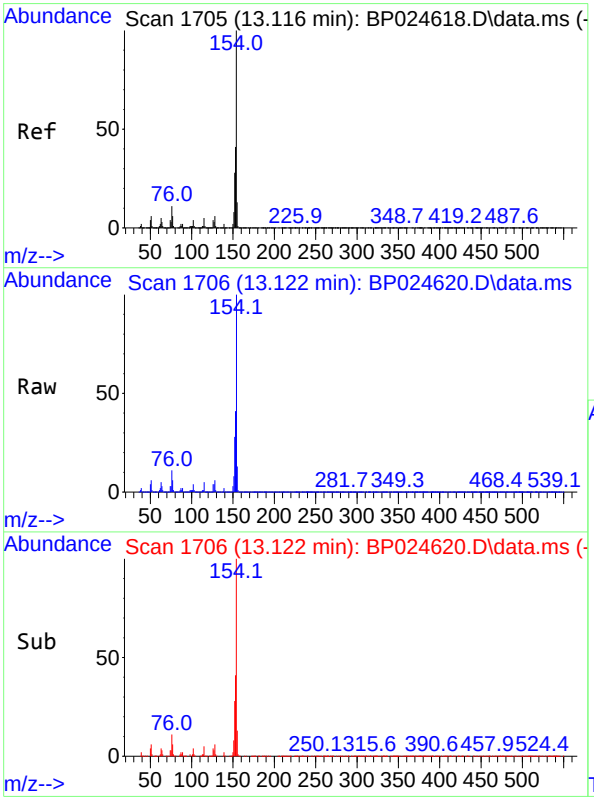
#45
2-Fluorobiphenyl
Concen: 119.08 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 2956939

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.7	18.8	28.2

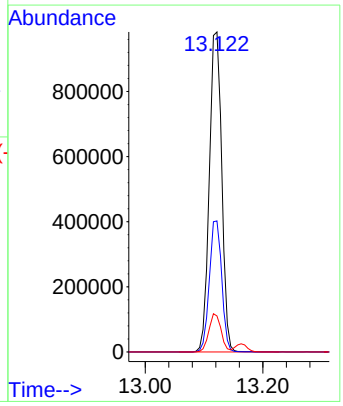


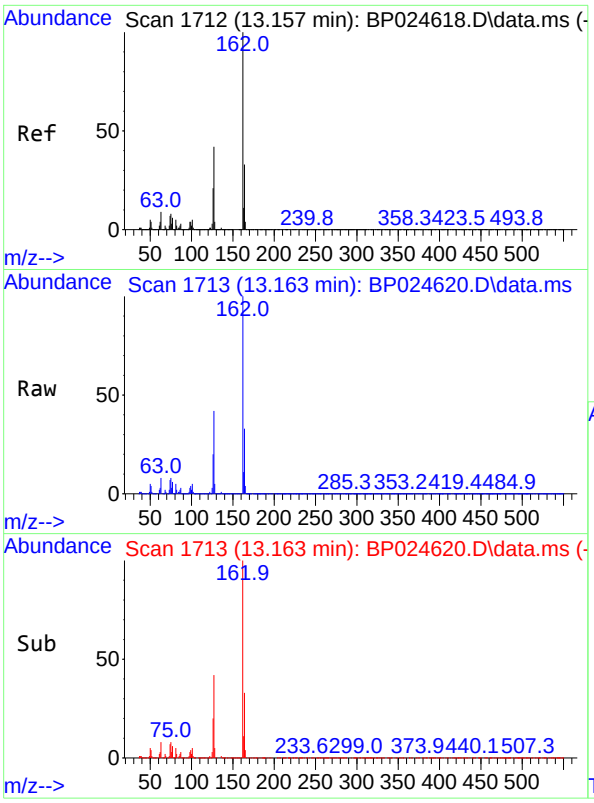


#46
1,1'-Biphenyl
Concen: 59.80 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:154 Resp: 1437786

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.0	61.0
76	11.3	0.0	31.5



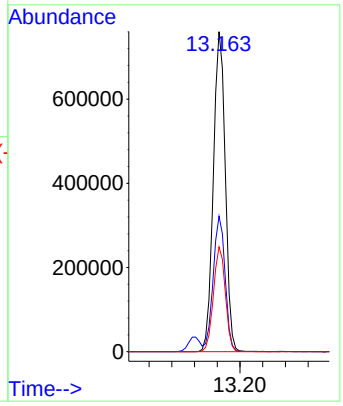


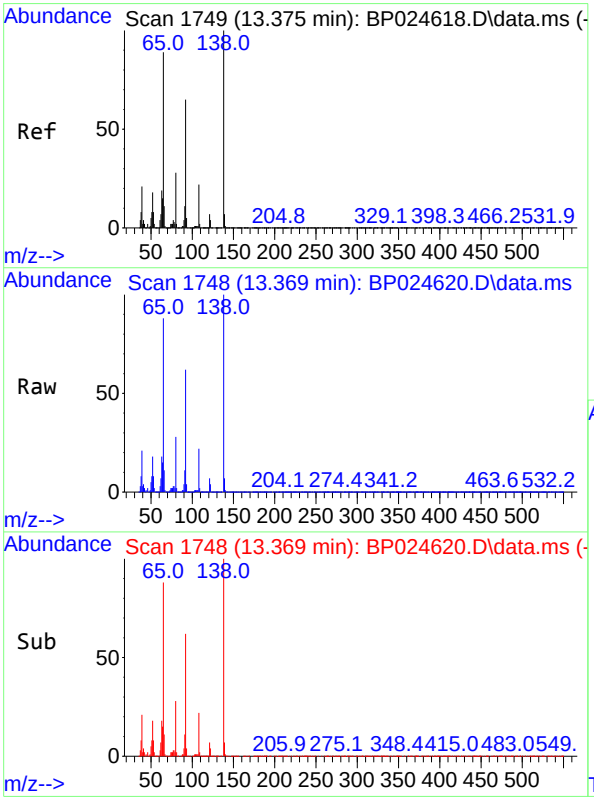
#47
2-Chloronaphthalene
Concen: 60.29 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1105298

Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.8	50.6
164	32.8	26.0	39.0

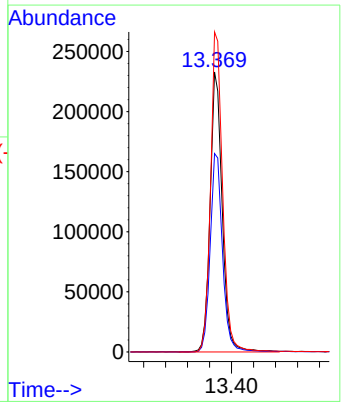


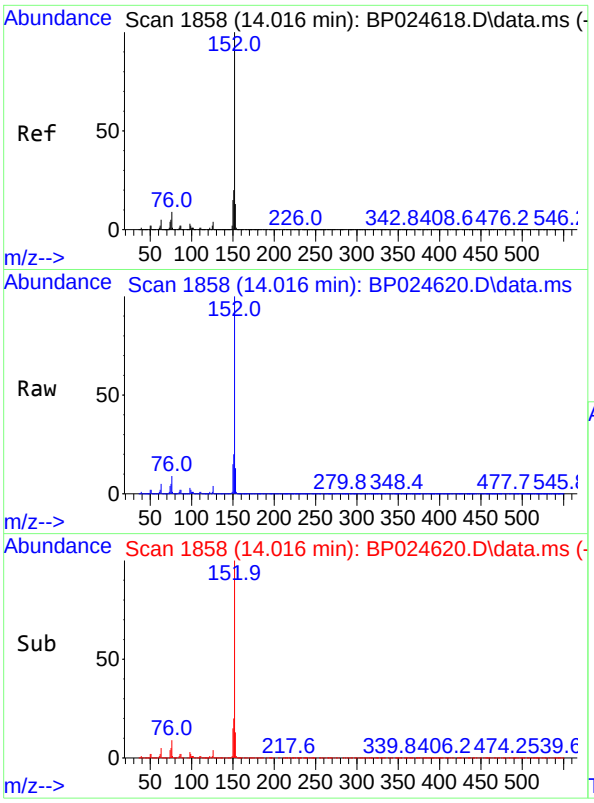


#48
2-Nitroaniline
Concen: 65.40 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 65 Resp: 354977

Ion	Ratio	Lower	Upper
65	100		
92	70.9	58.7	88.1
138	114.3	90.2	135.2



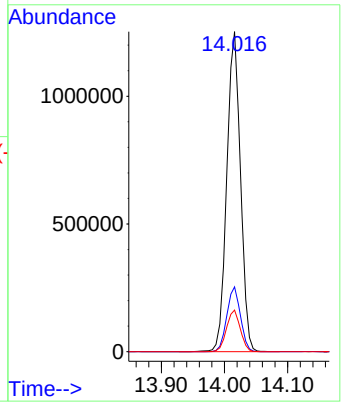


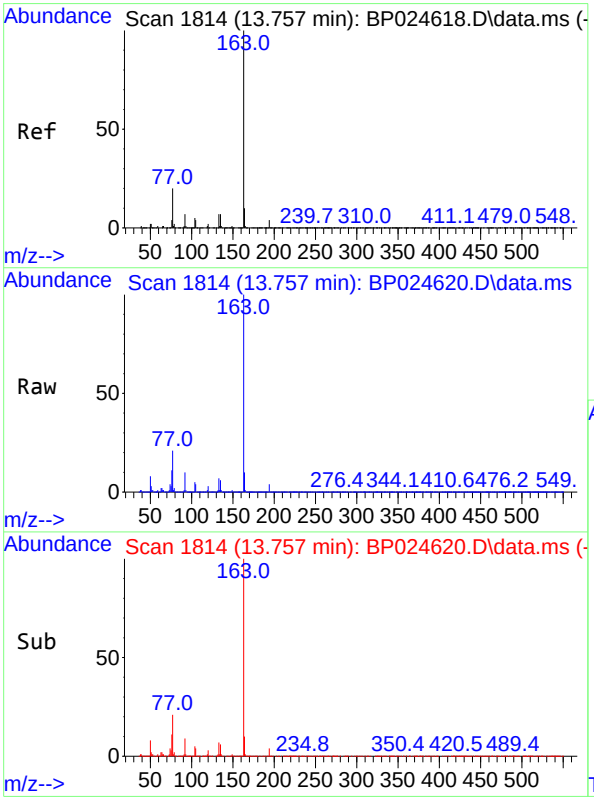
#49
Acenaphthylene
Concen: 61.41 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 1884018

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.0	10.2	15.4

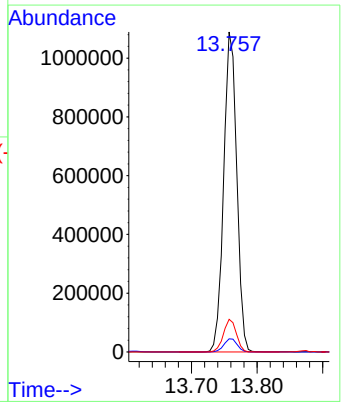


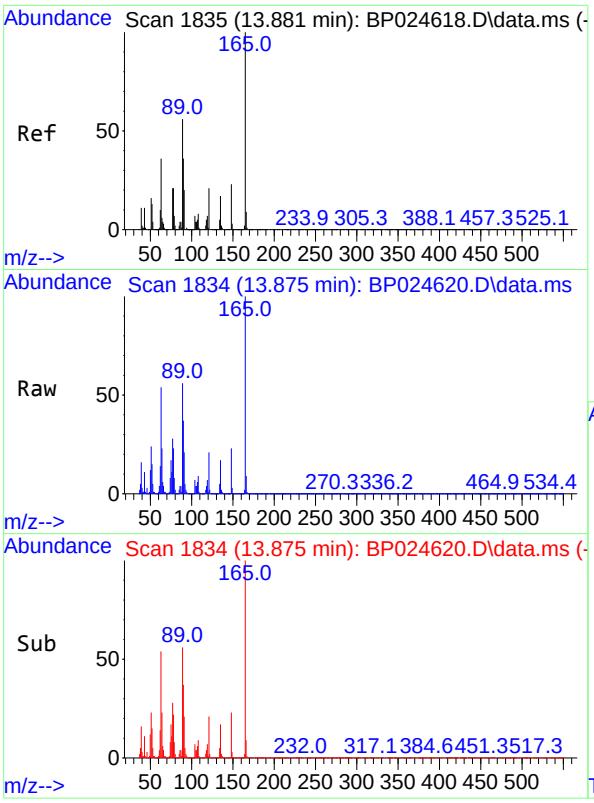


#50
Dimethylphthalate
Concen: 60.42 ng
RT: 13.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:163 Resp: 1498318

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.2	8.1	12.1



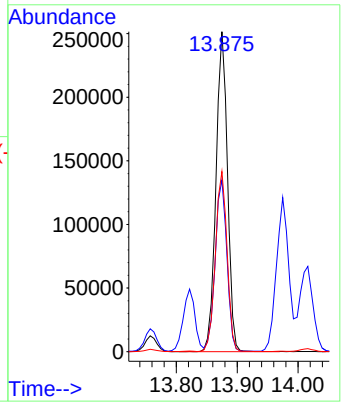


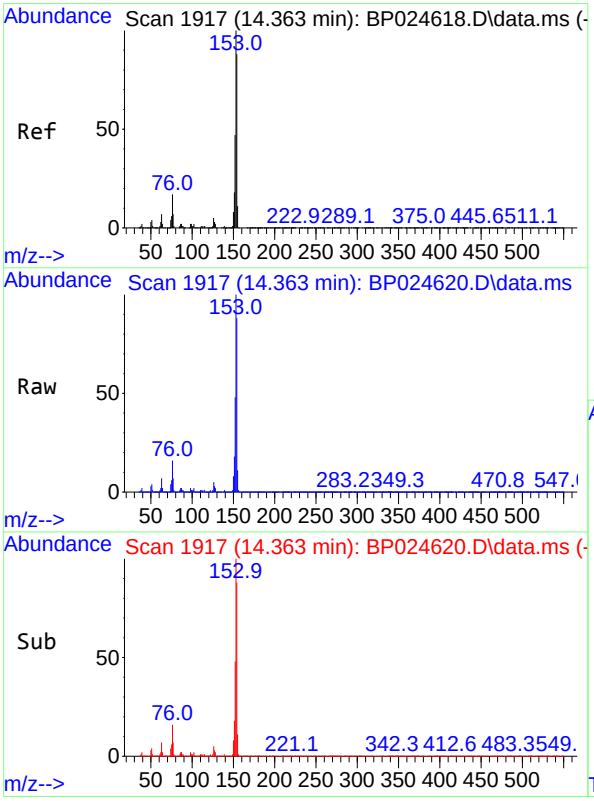
#51
2,6-Dinitrotoluene
Concen: 62.76 ng
RT: 13.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 328682

Ion	Ratio	Lower	Upper
165	100		
63	53.7	42.4	63.6
89	56.3	44.8	67.2

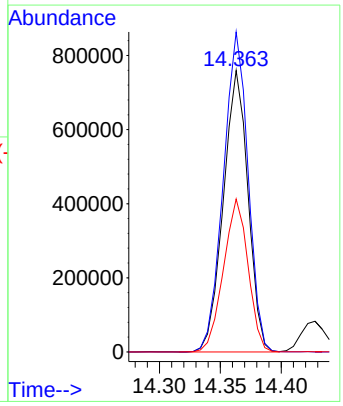


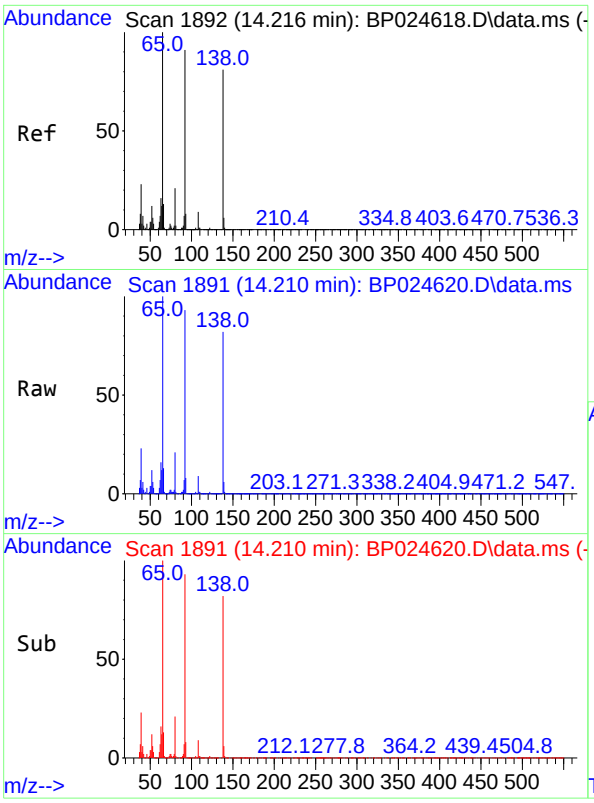


#52
Acenaphthene
Concen: 60.80 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:154 Resp: 1072483

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.0	136.4
152	54.4	42.9	64.3



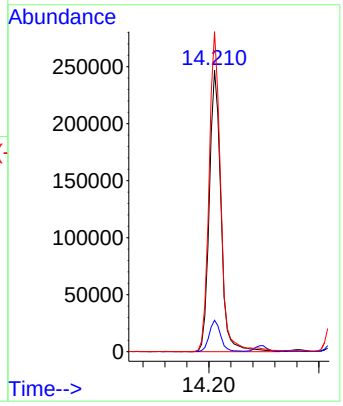


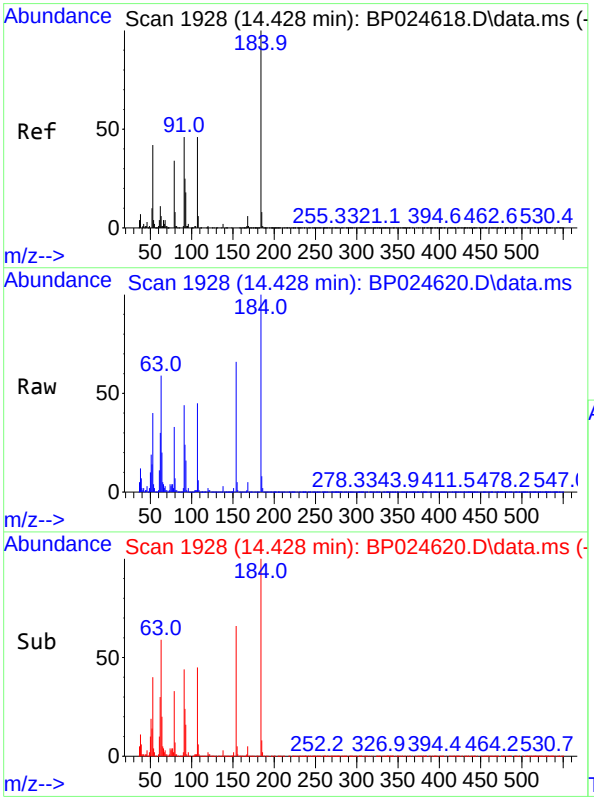
#53
3-Nitroaniline
Concen: 67.54 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 361174

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.4
92	113.7	90.1	135.1

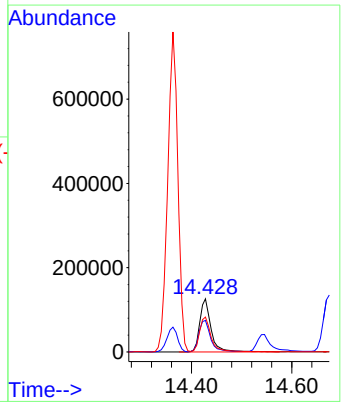


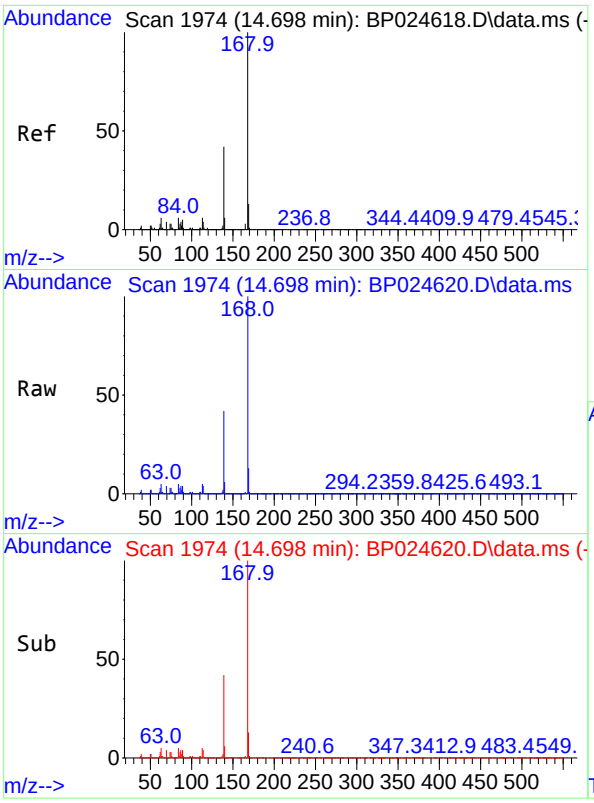


#54
2,4-Dinitrophenol
Concen: 61.10 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:184 Resp: 196350

Ion	Ratio	Lower	Upper
184	100		
63	59.3	51.3	76.9
154	65.7	53.5	80.3



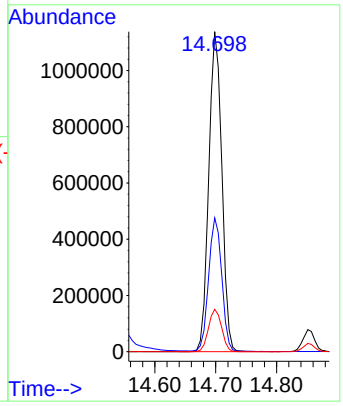


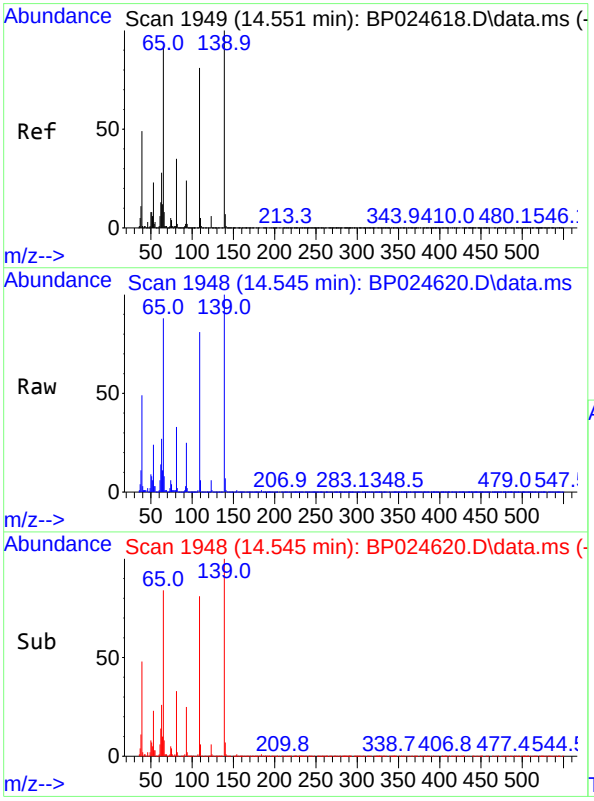
#55
Dibenzofuran
Concen: 60.13 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 1691790

Ion	Ratio	Lower	Upper
168	100		
139	41.8	34.2	51.4
169	13.3	10.8	16.2

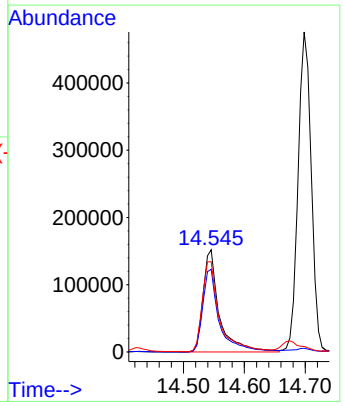


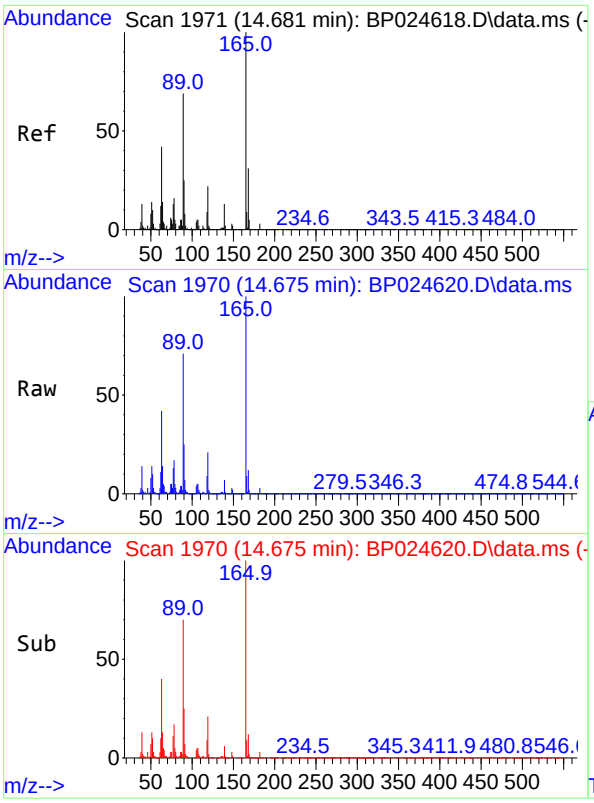


#56
4-Nitrophenol
Concen: 61.78 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:139 Resp: 281293

Ion	Ratio	Lower	Upper
139	100		
109	80.9	61.4	101.4
65	88.2	72.2	112.2



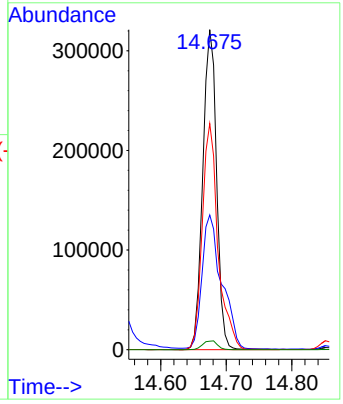


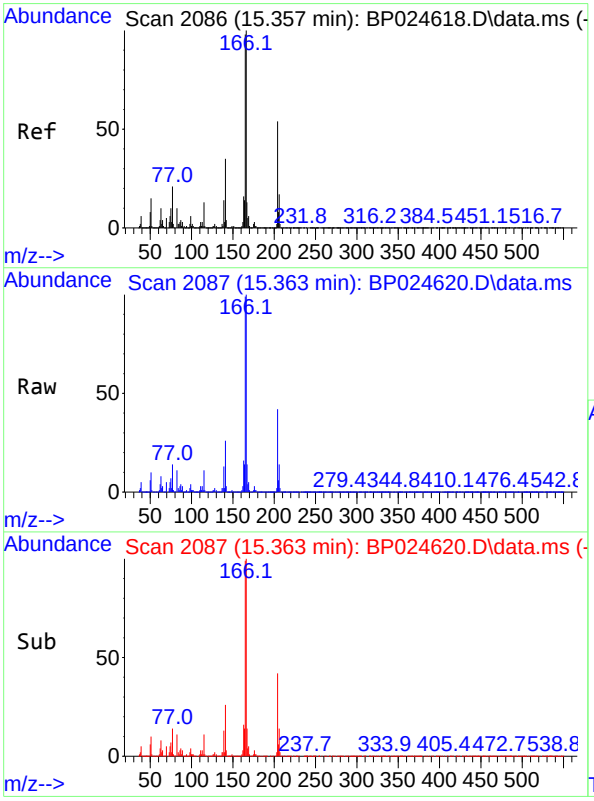
#57
2,4-Dinitrotoluene
Concen: 63.87 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 471525

Ion	Ratio	Lower	Upper
165	100		
63	42.1	33.8	50.6
89	70.6	55.6	83.4
182	2.7	2.4	3.6

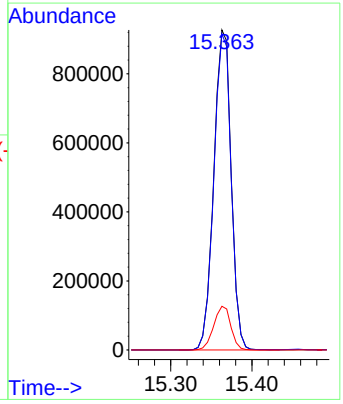


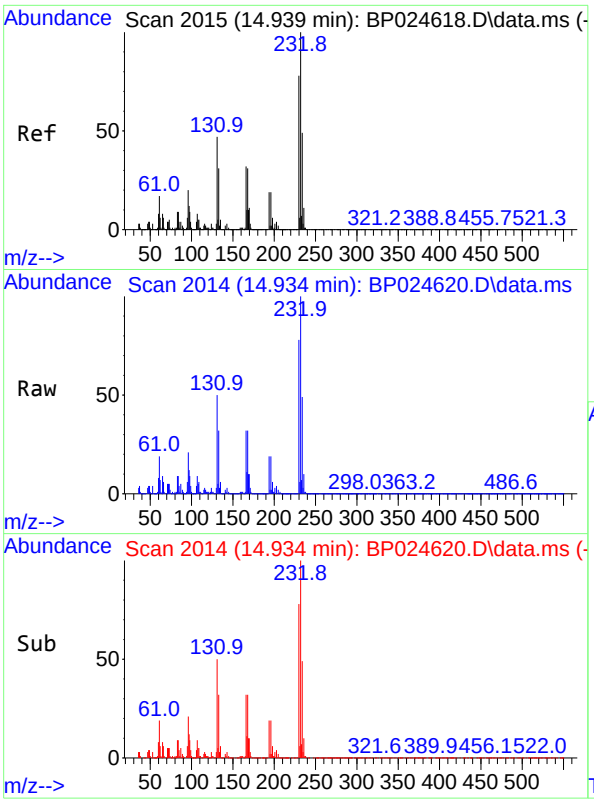


#58
Fluorene
Concen: 60.00 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:166 Resp: 1376412

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.5	117.7
167	13.6	10.7	16.1



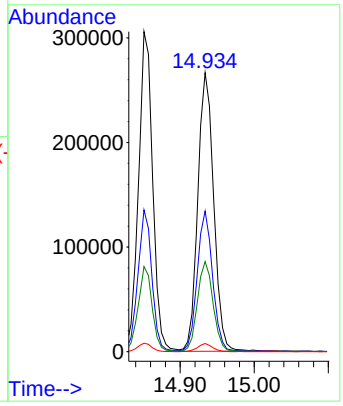


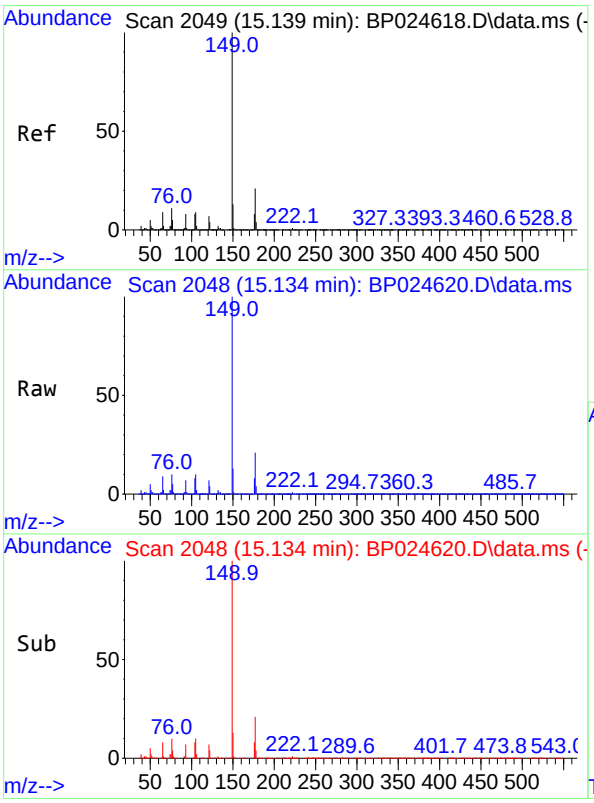
#59
2,3,4,6-Tetrachlorophenol
Concen: 62.78 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 396678

Ion	Ratio	Lower	Upper
232	100		
131	49.0	39.5	59.3
130	2.7	2.2	3.4
166	31.9	25.7	38.5

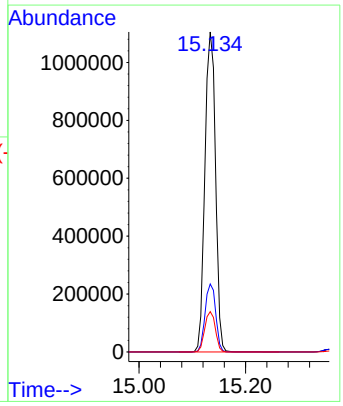


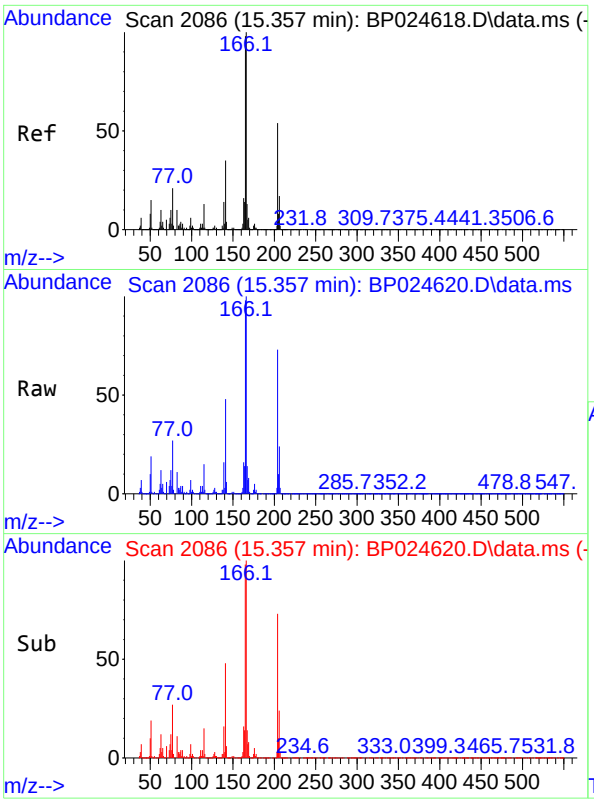


#60
Diethylphthalate
Concen: 60.87 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 1525628

Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.7	25.1
150	12.6	10.2	15.2



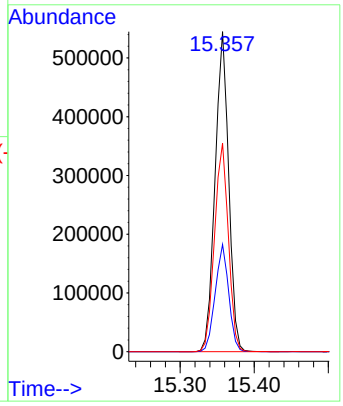


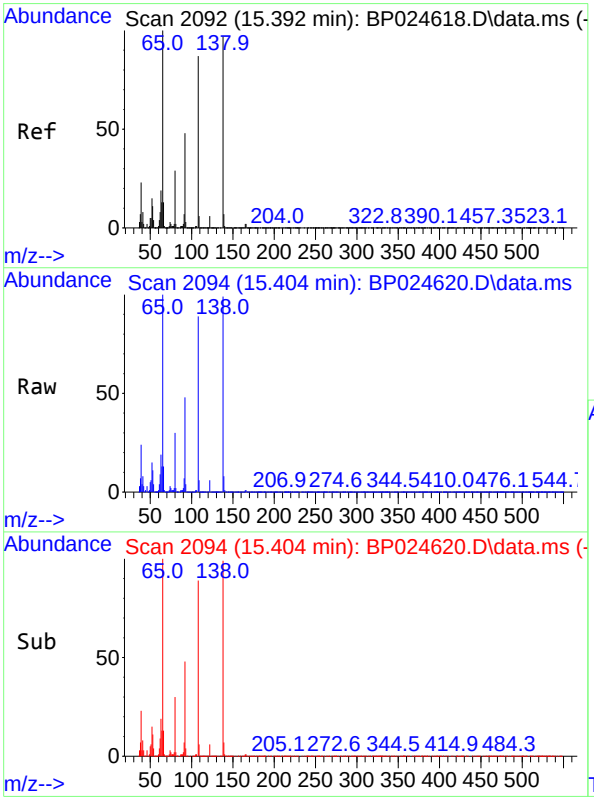
#61
4-Chlorophenyl-phenylether
Concen: 60.51 ng
RT: 15.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 692230

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.0	39.0
141	65.2	52.9	79.3

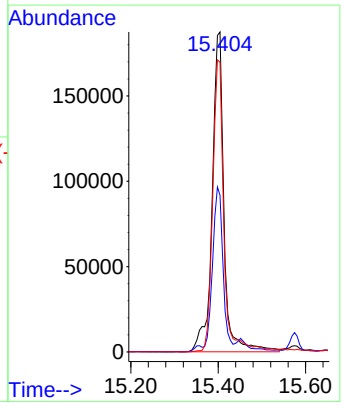


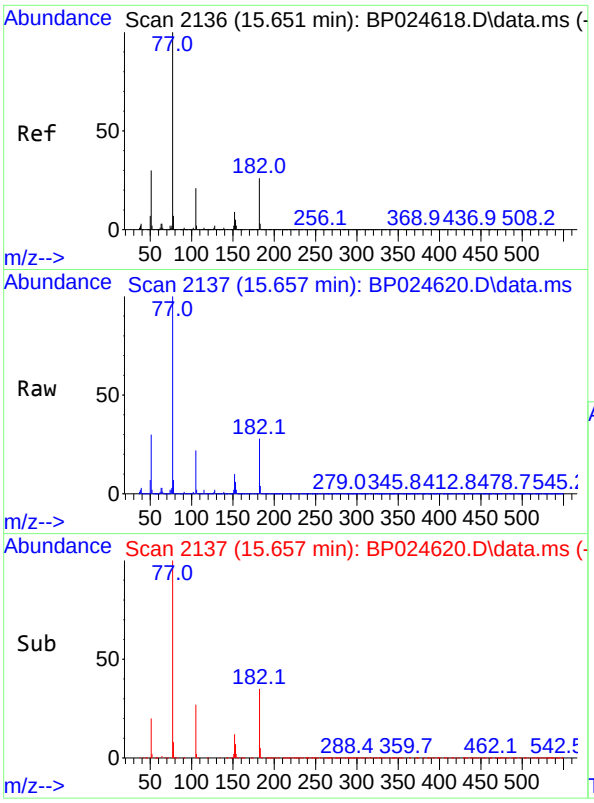


#62
4-Nitroaniline
Concen: 68.05 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:138 Resp: 354287

Ion	Ratio	Lower	Upper
138	100		
92	49.0	29.2	69.2
108	90.5	69.0	109.0



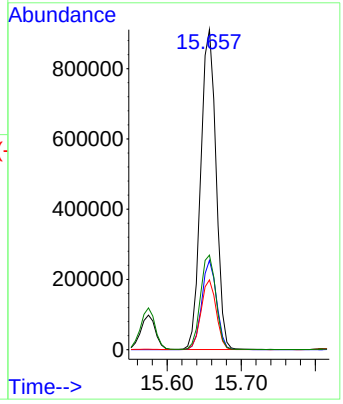


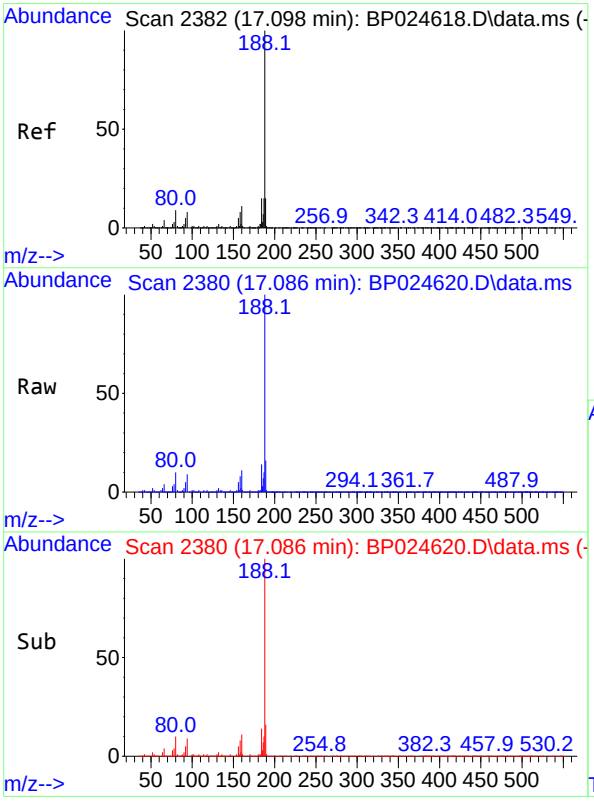
#63
Azobenzene
Concen: 61.14 ng
RT: 15.657 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 1310800

Ion	Ratio	Lower	Upper
77	100		
182	27.9	5.7	45.7
105	21.8	1.3	41.3
51	29.6	10.6	50.6

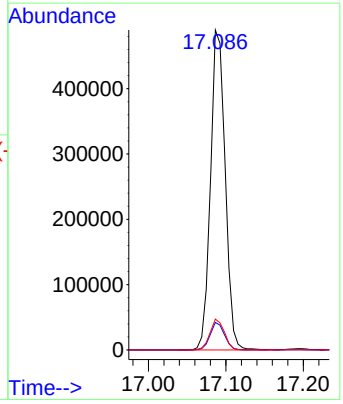


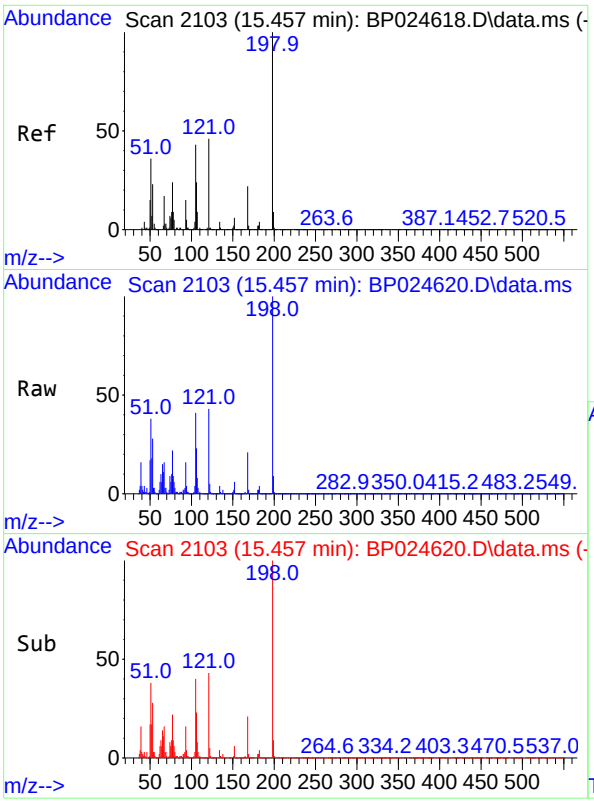


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:188 Resp: 646756

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.5	9.7
80	9.6	7.3	10.9



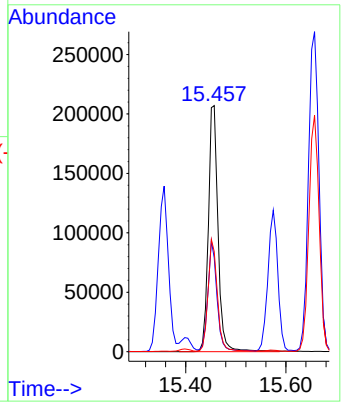


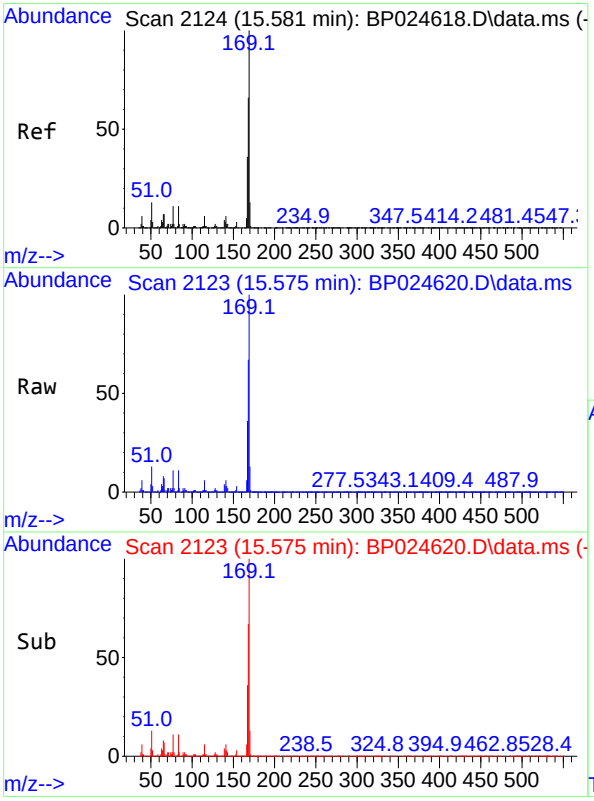
#65
4,6-Dinitro-2-methylphenol
Concen: 66.55 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 278024

Ion	Ratio	Lower	Upper
198	100		
51	38.1	21.1	61.1
105	40.6	23.6	63.6

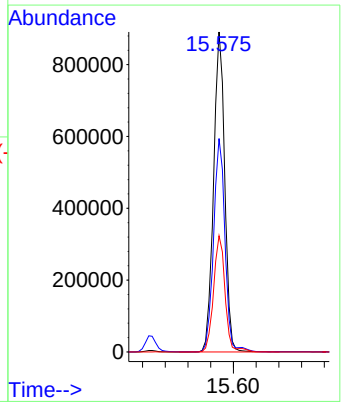


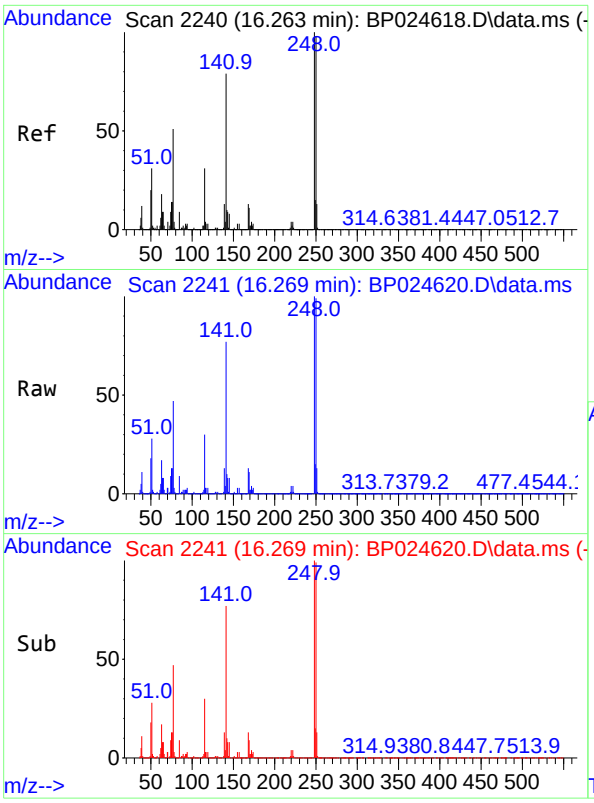


#66
n-Nitrosodiphenylamine
Concen: 60.68 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:169 Resp: 1205525

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	36.3	28.6	43.0



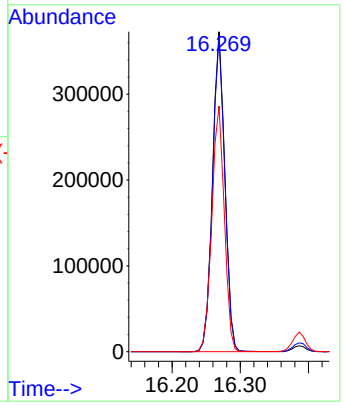


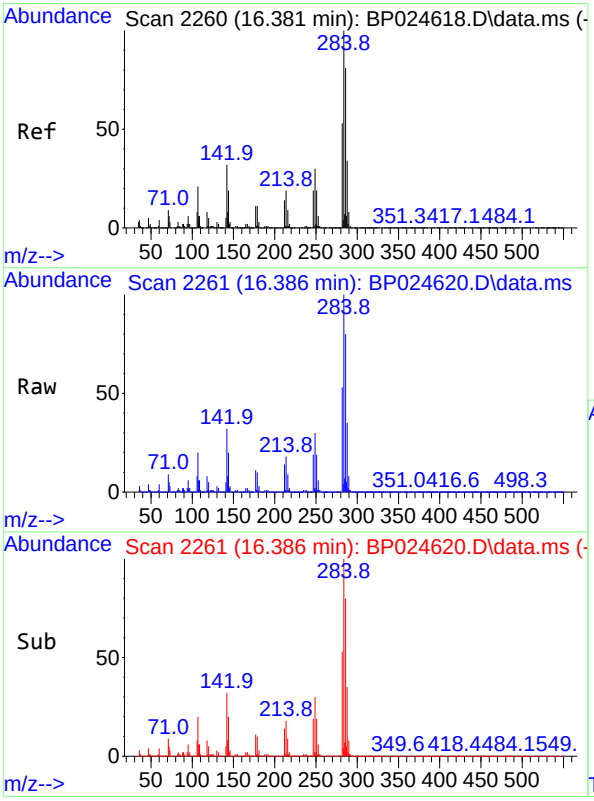
#67
4-Bromophenyl-phenylether
Concen: 61.56 ng
RT: 16.269 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 469127

Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.2	117.4
141	76.7	63.0	94.6

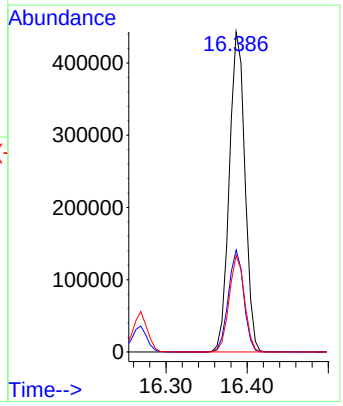


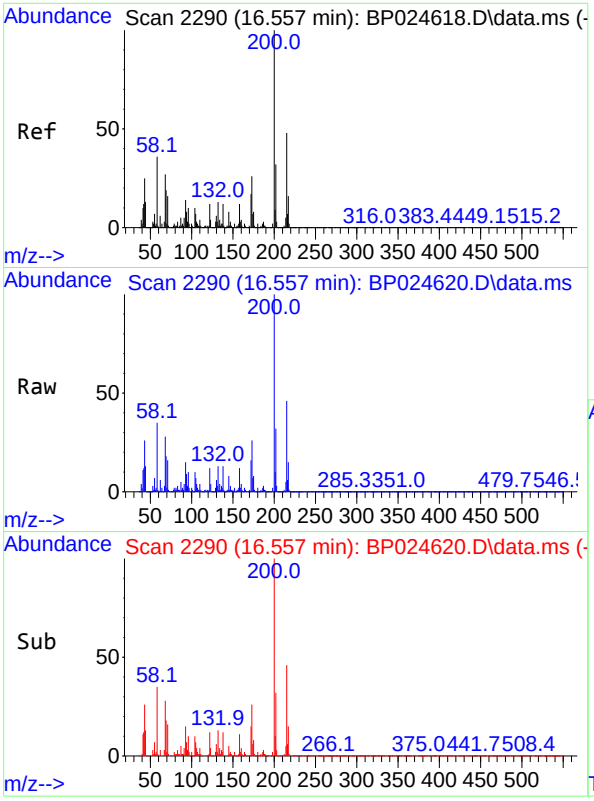


#68
Hexachlorobenzene
Concen: 60.99 ng
RT: 16.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:284 Resp: 590615

Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.9	38.9
249	30.3	24.1	36.1



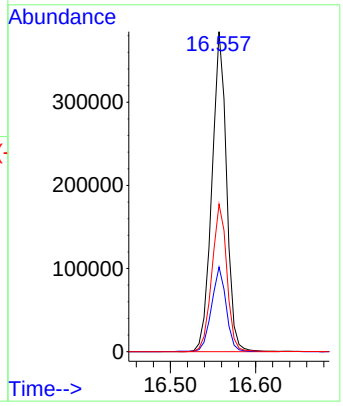


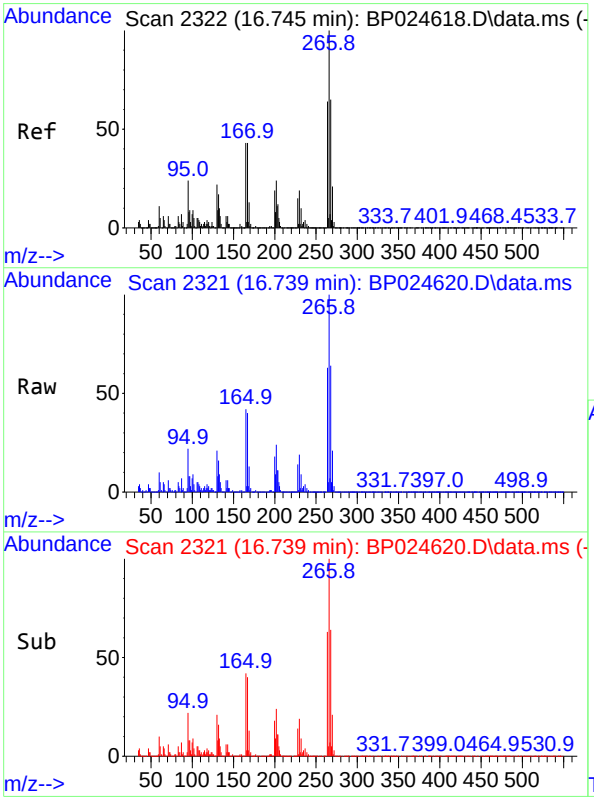
#69
Atrazine
Concen: 63.29 ng
RT: 16.557 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 460742

Ion	Ratio	Lower	Upper
200	100		
173	26.4	5.9	45.9
215	46.1	28.3	68.3

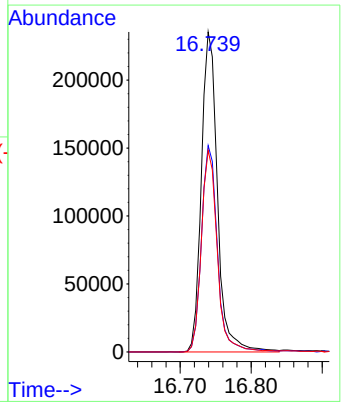


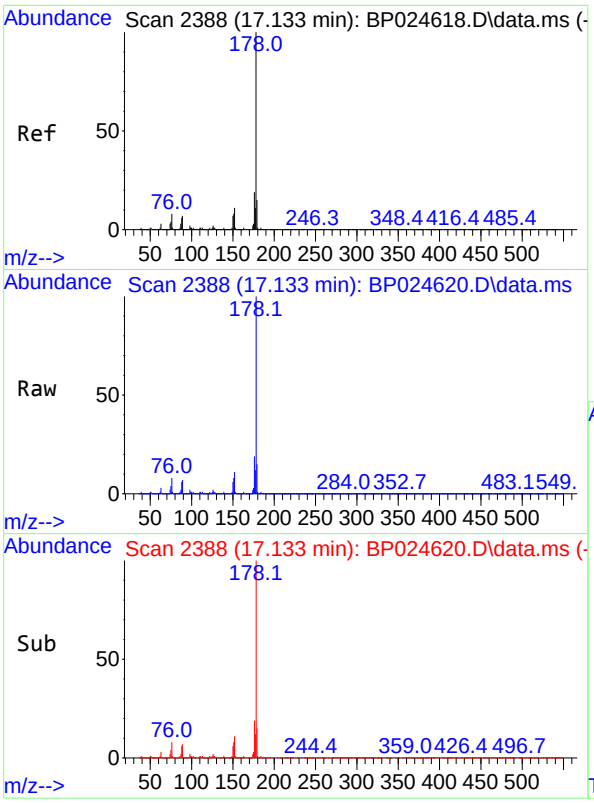


#70
Pentachlorophenol
Concen: 68.29 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:266 Resp: 371465

Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.2	78.4
264	62.9	51.1	76.7



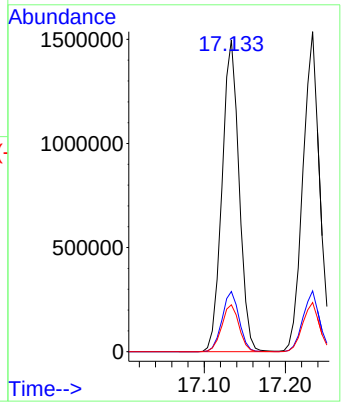


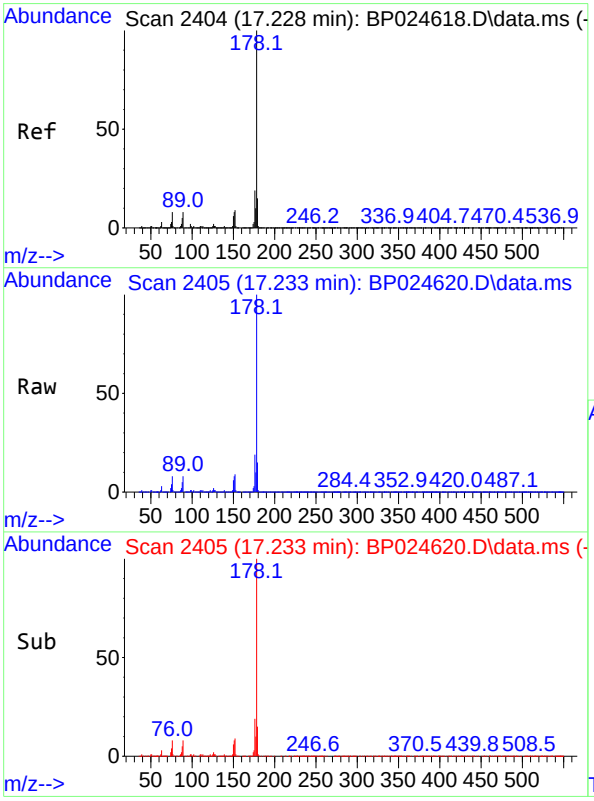
#71
Phenanthrene
Concen: 60.73 ng
RT: 17.133 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 2183329

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.1	12.2	18.4

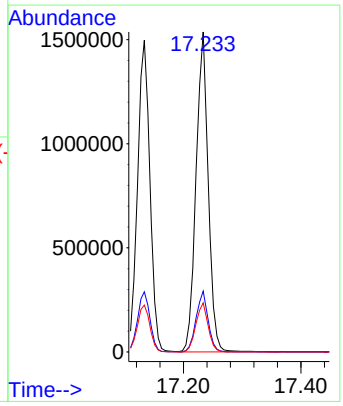


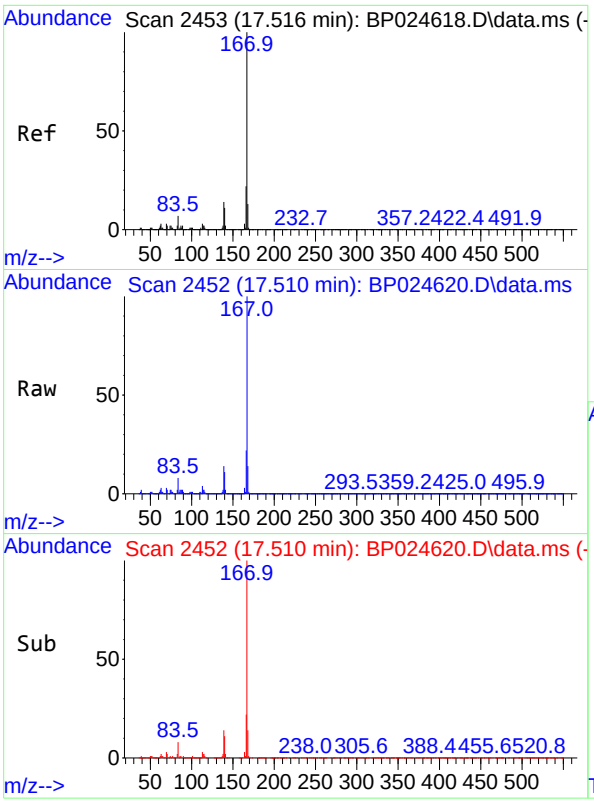


#72
Anthracene
Concen: 61.11 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:178 Resp: 2210412

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.3	12.2	18.2



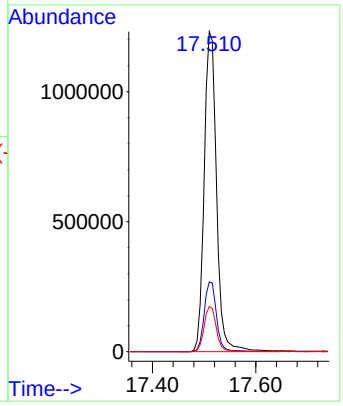


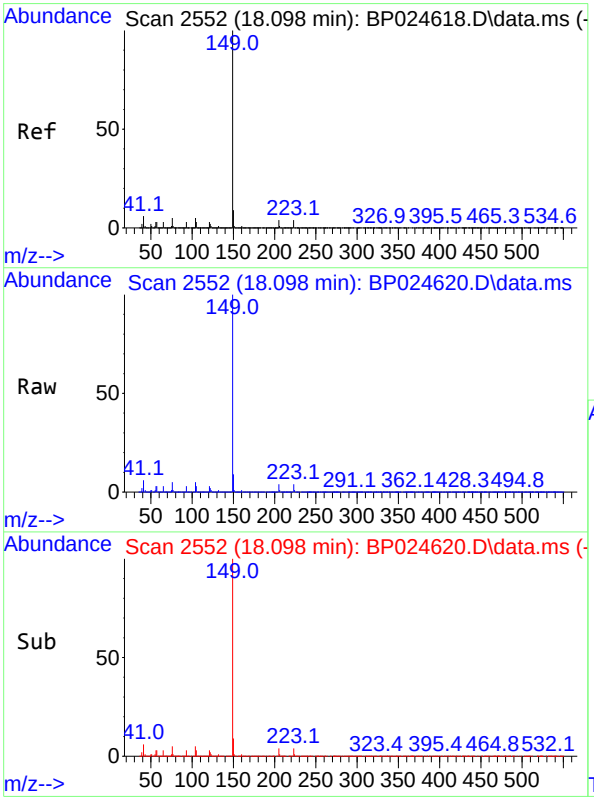
#73
Carbazole
Concen: 62.39 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 2042777

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	14.1	11.3	16.9

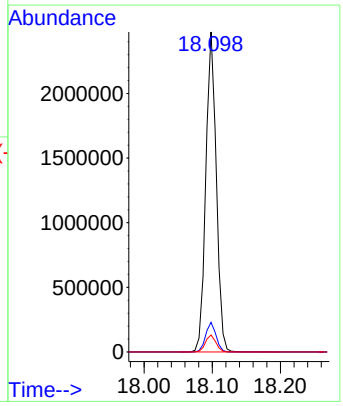


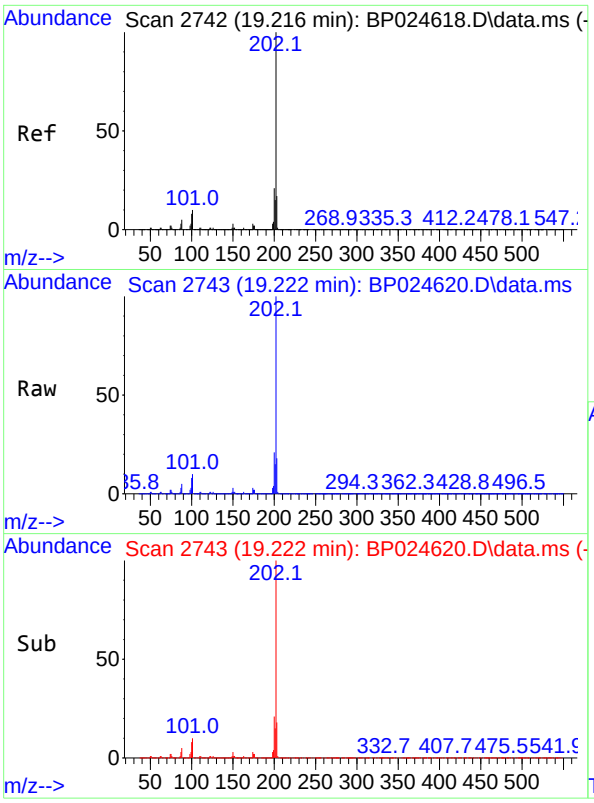


#74
Di-n-butylphthalate
Concen: 62.81 ng
RT: 18.098 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 2644959

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.3	4.3	6.5



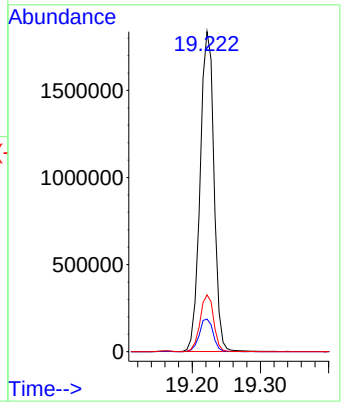


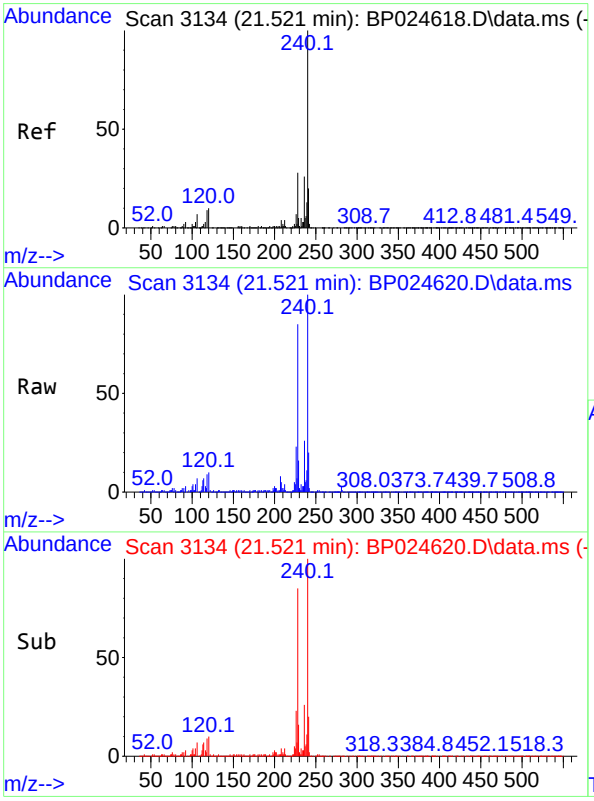
#75
Fluoranthene
Concen: 61.73 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 2594532

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
203	17.8	0.0	37.5

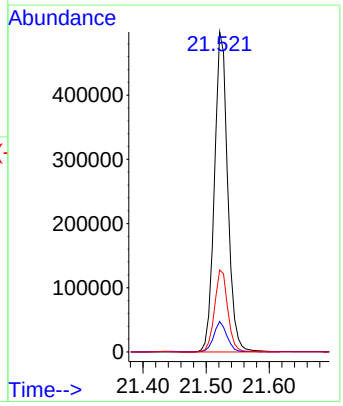


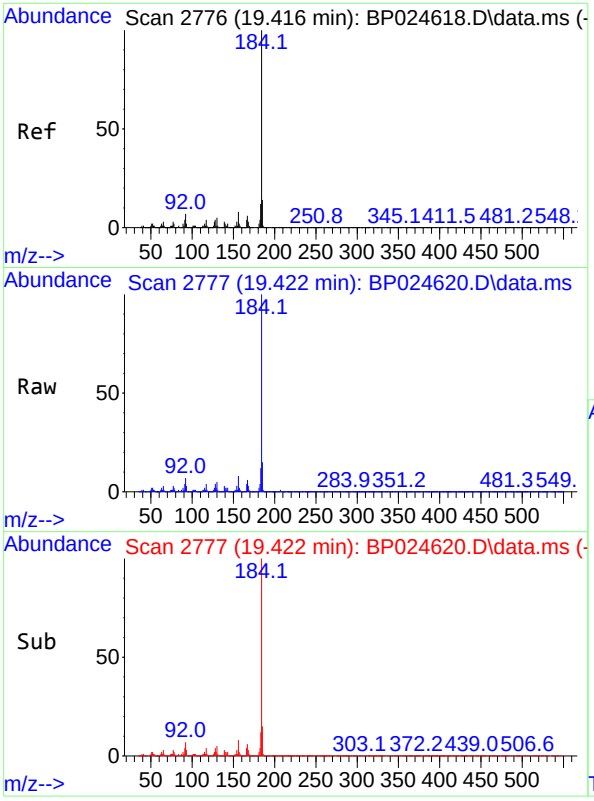


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:240 Resp: 726281

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.8	11.6
236	25.6	20.6	31.0



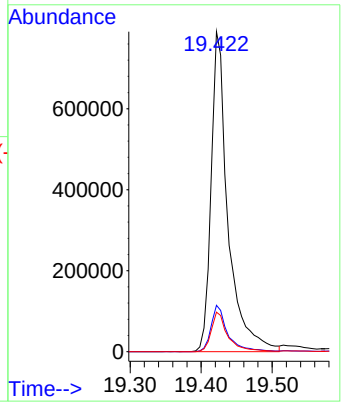


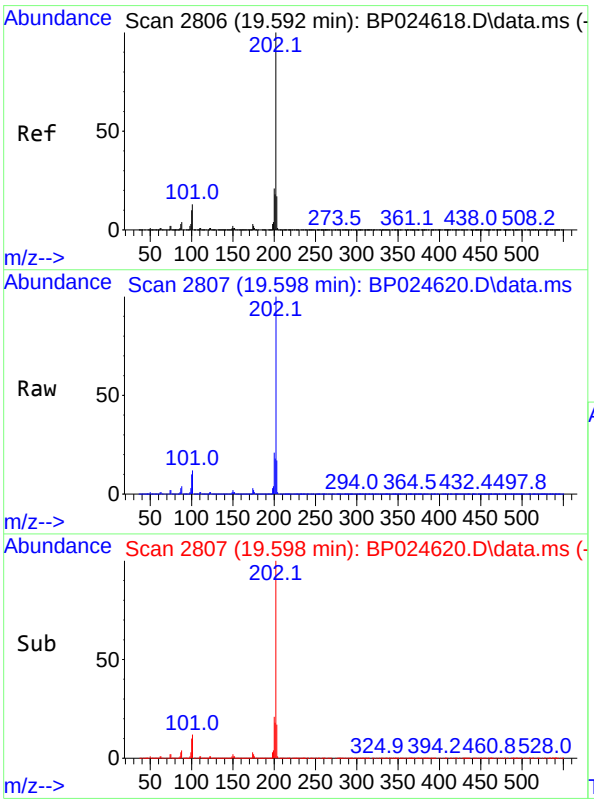
#77
Benzidine
Concen: 65.42 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 1304259

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.2	16.8
183	12.4	9.8	14.8

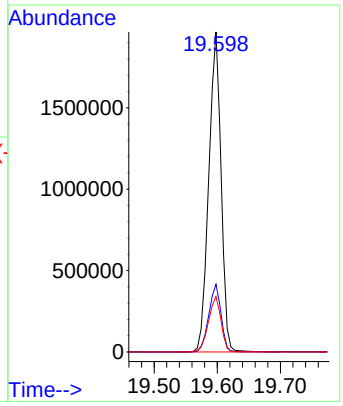


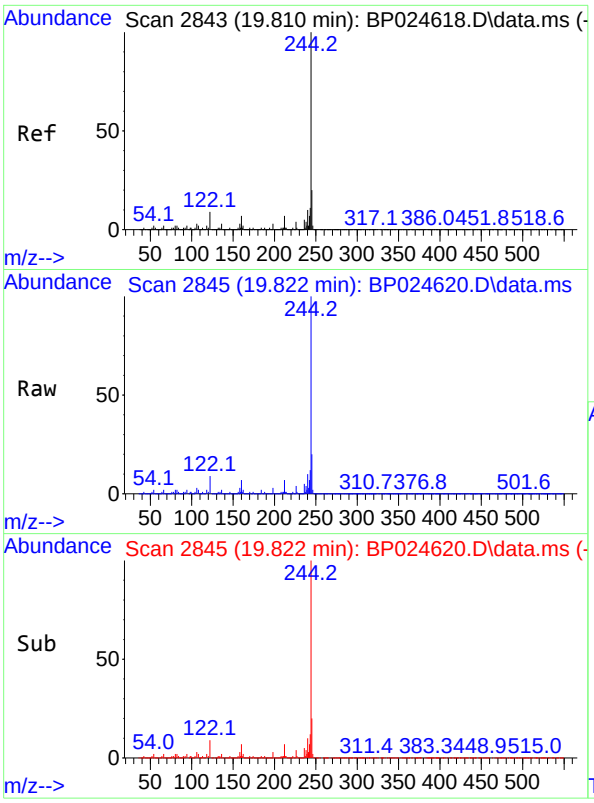


#78
Pyrene
Concen: 61.17 ng
RT: 19.598 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:202 Resp: 2661811

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	13.9	20.9



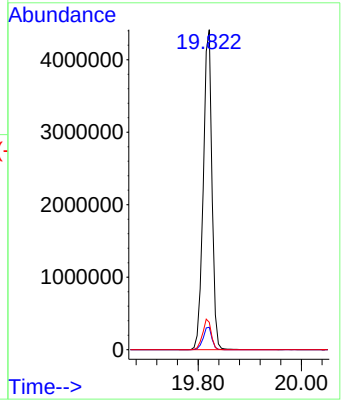


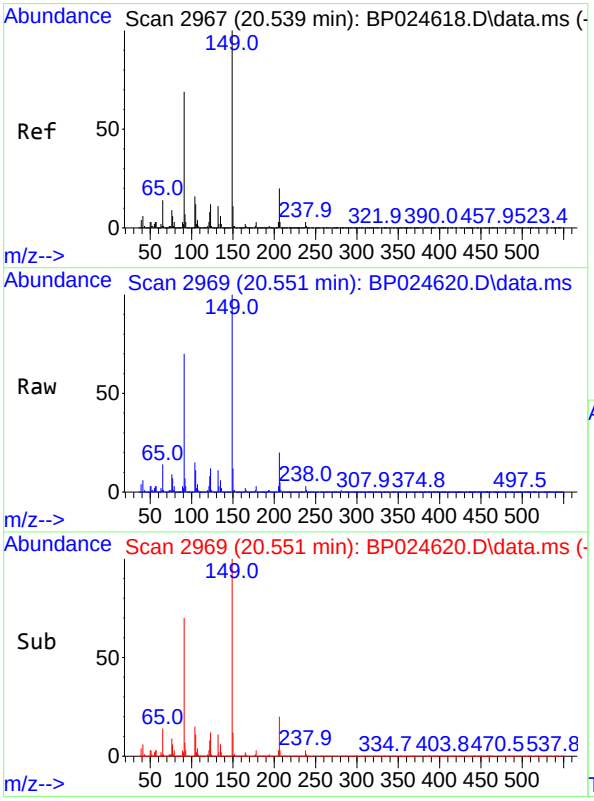
#79
Terphenyl-d14
Concen: 120.88 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 5119872

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	8.6	7.4	11.0

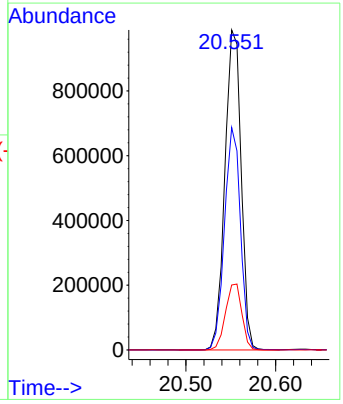


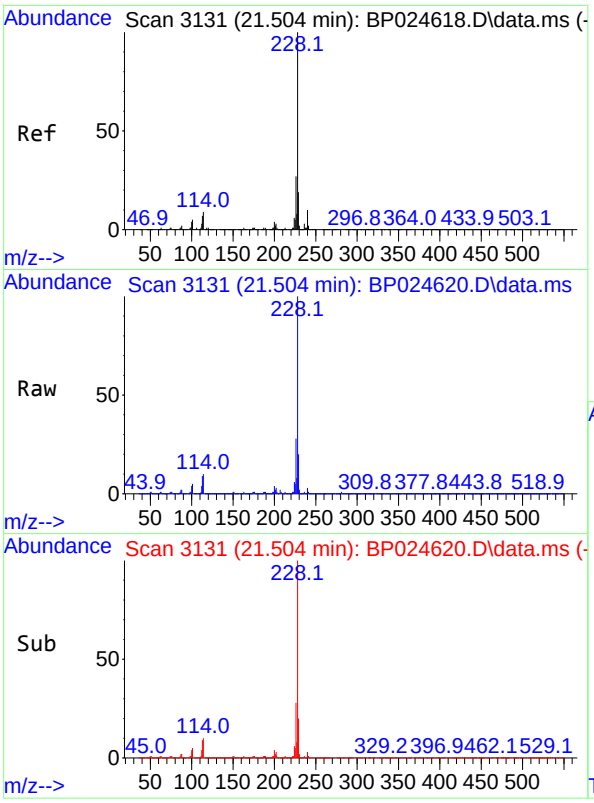


#80
Butylbenzylphthalate
Concen: 64.25 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 1243403

Ion	Ratio	Lower	Upper
149	100		
91	69.5	55.4	83.0
206	20.3	16.2	24.2



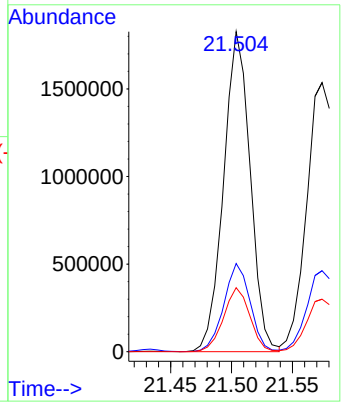


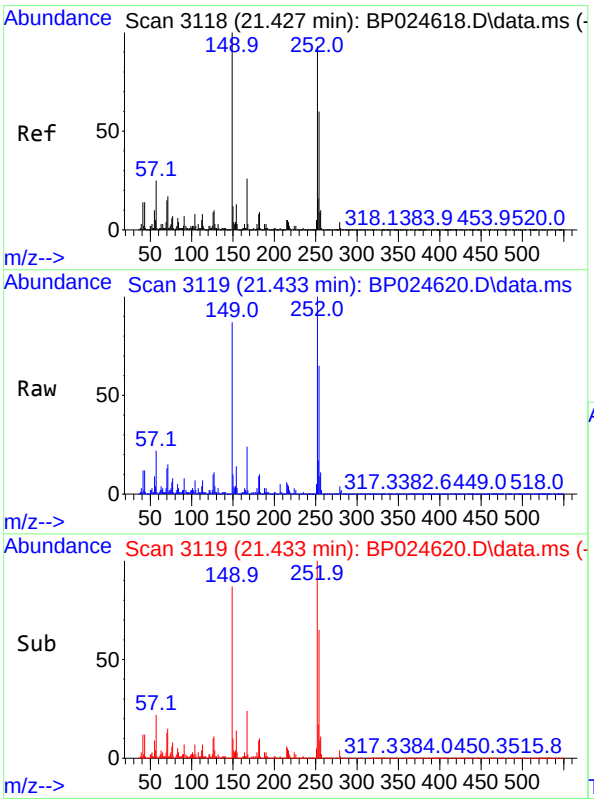
#81
Benzo(a)anthracene
Concen: 60.93 ng
RT: 21.504 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 2778689

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.4	32.0
229	20.0	15.5	23.3

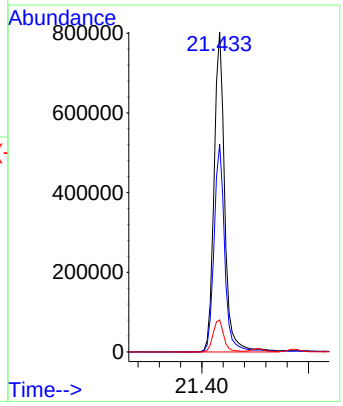


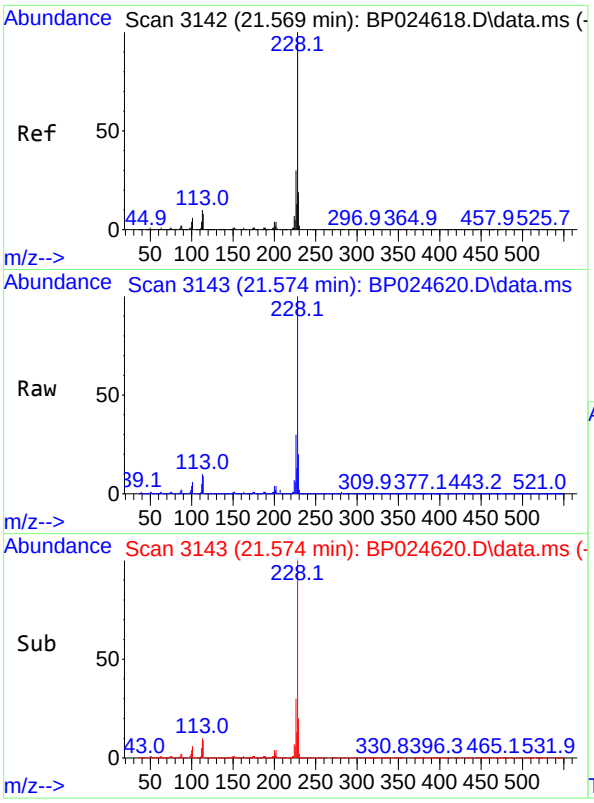


#82
3,3'-Dichlorobenzidine
Concen: 65.77 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:252 Resp: 1114122

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.8	77.6
126	10.0	7.7	11.5



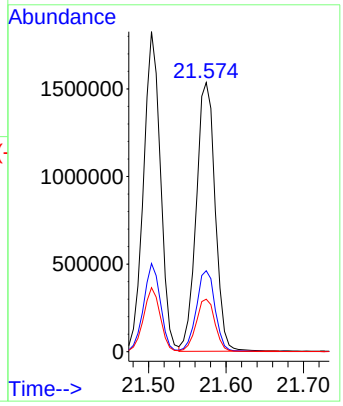


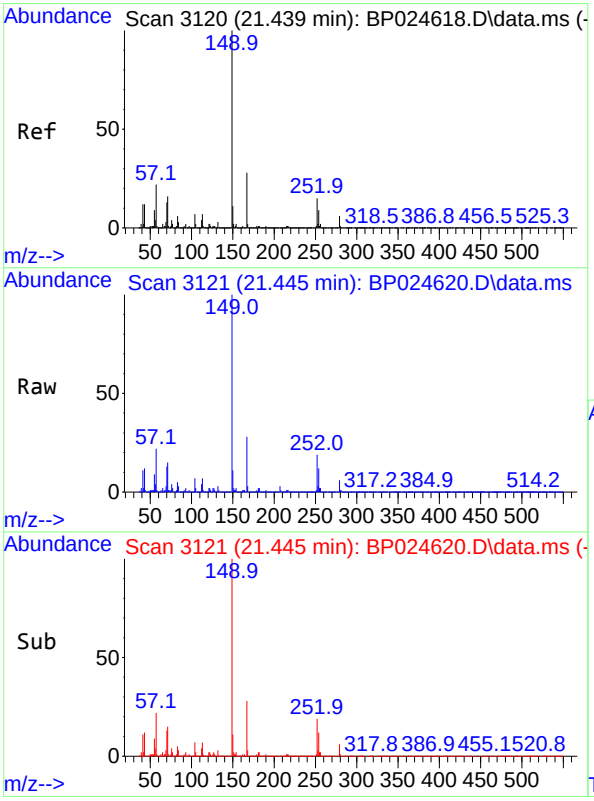
#83
Chrysene
Concen: 59.88 ng
RT: 21.574 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 2588513

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	19.5	15.5	23.3

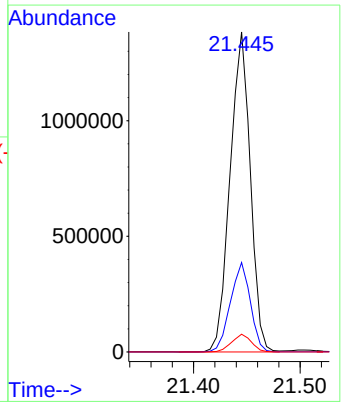


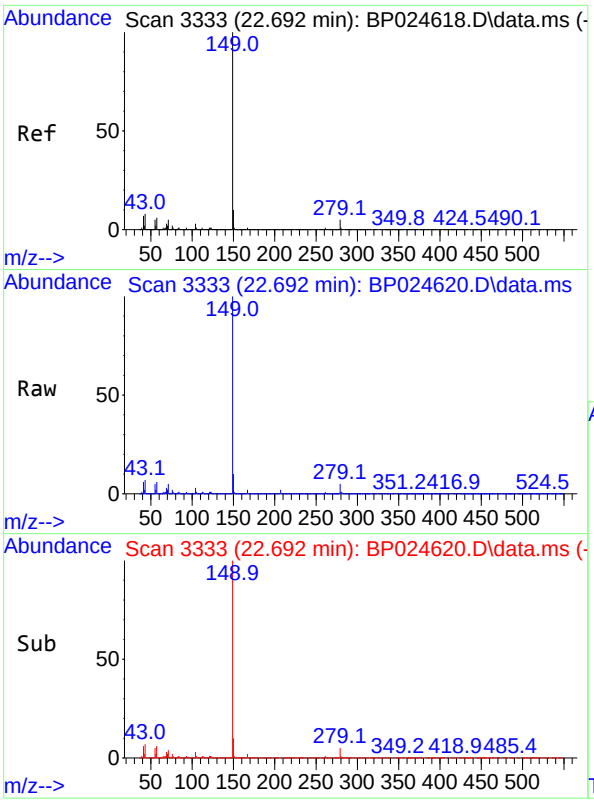


#84
Bis(2-ethylhexyl)phthalate
Concen: 64.05 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 1822019

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.1	33.1
279	5.6	4.6	6.8



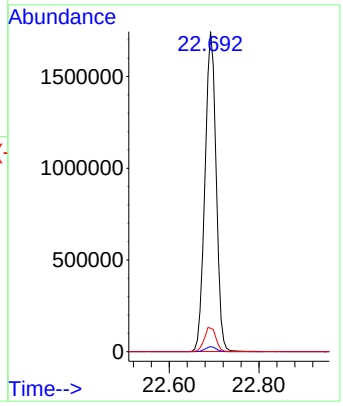


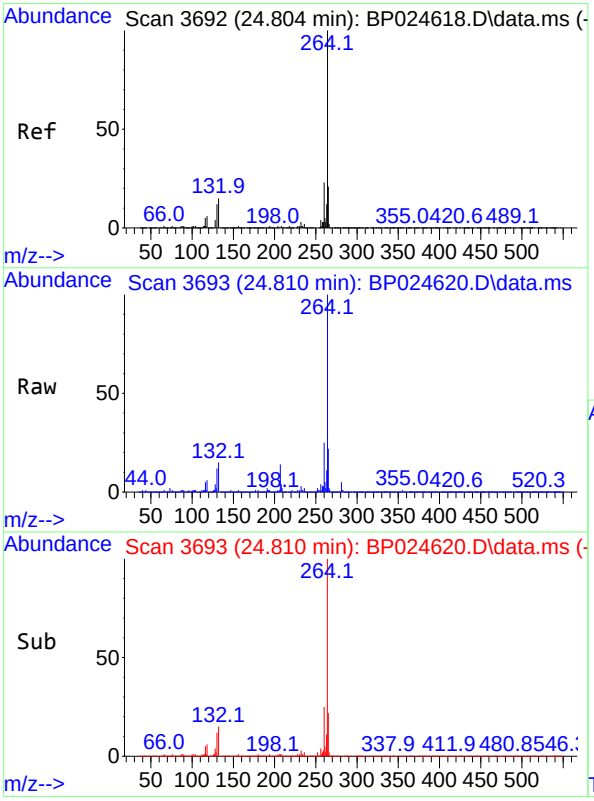
#85
Di-n-octyl phthalate
Concen: 64.47 ng
RT: 22.692 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 2998832

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	6.3	9.5

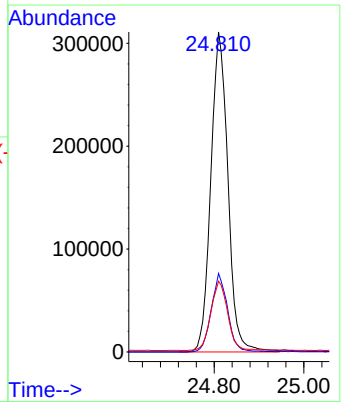


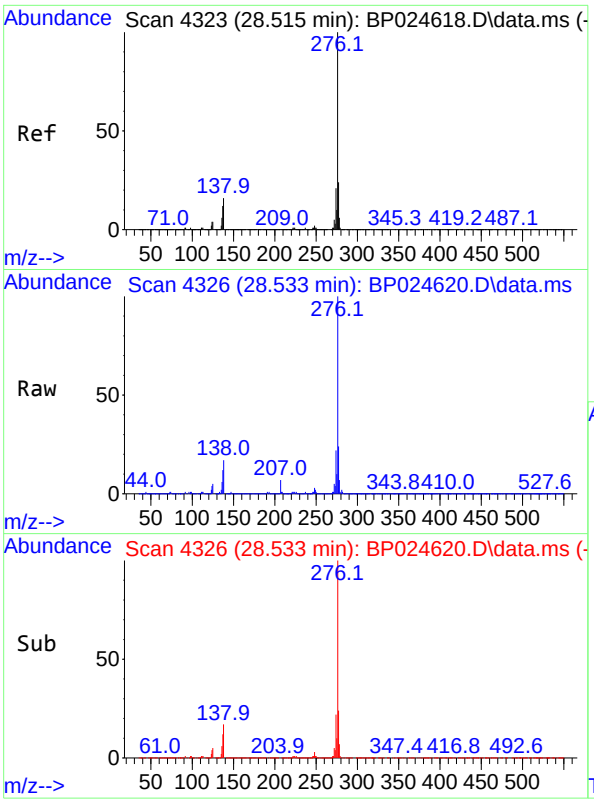


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:264 Resp: 822943

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.1	17.0	25.6



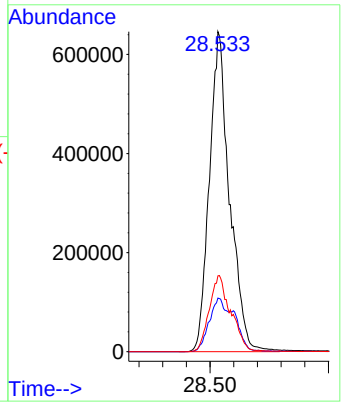


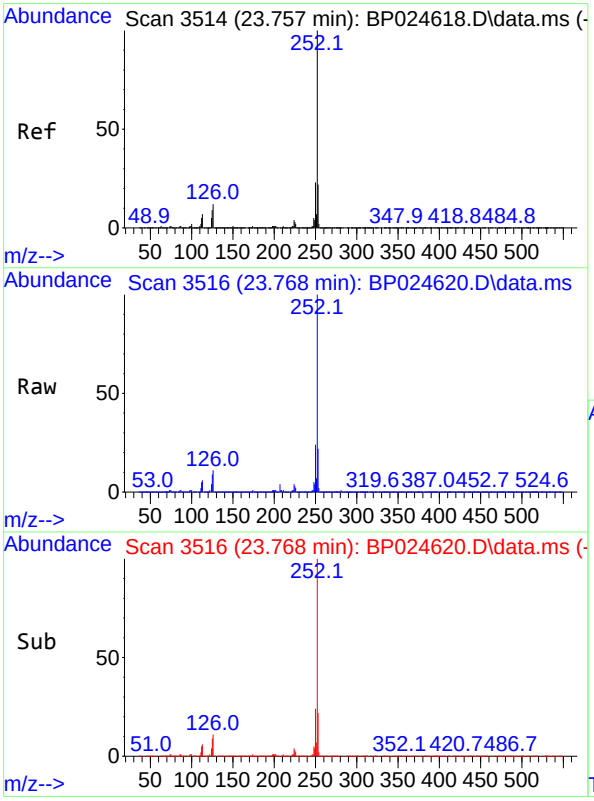
#87
Indeno(1,2,3-cd)pyrene
Concen: 63.64 ng
RT: 28.533 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 3824922

Ion	Ratio	Lower	Upper
276	100		
138	14.4	11.2	16.8
277	25.5	15.7	23.5#

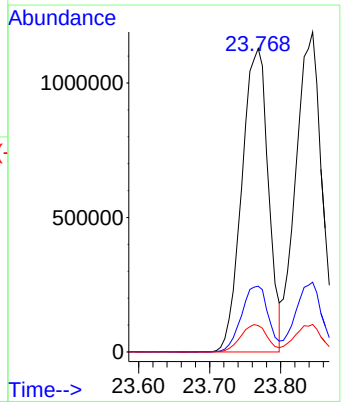


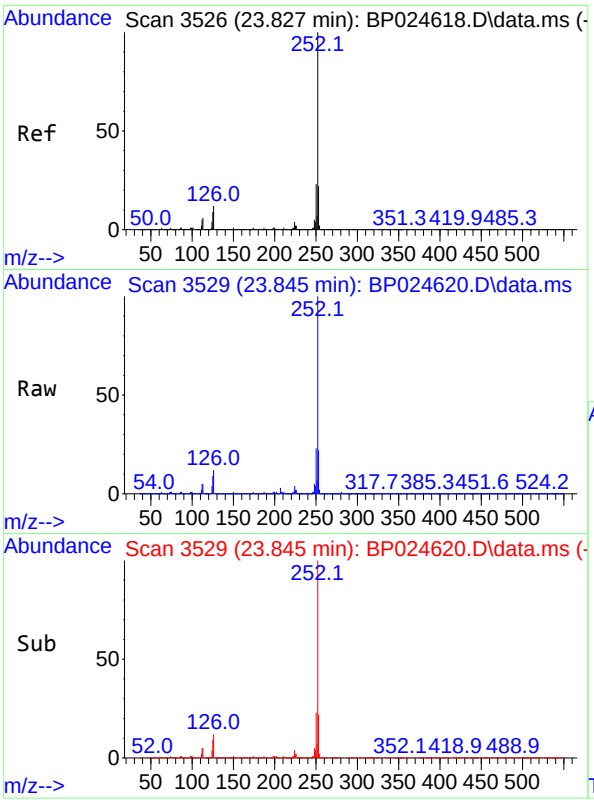


#88
Benzo(b)fluoranthene
Concen: 62.04 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:252 Resp: 2922103

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	8.7	7.5	11.3



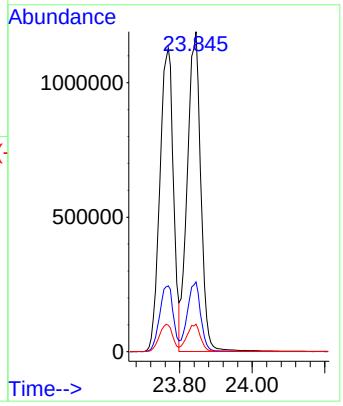


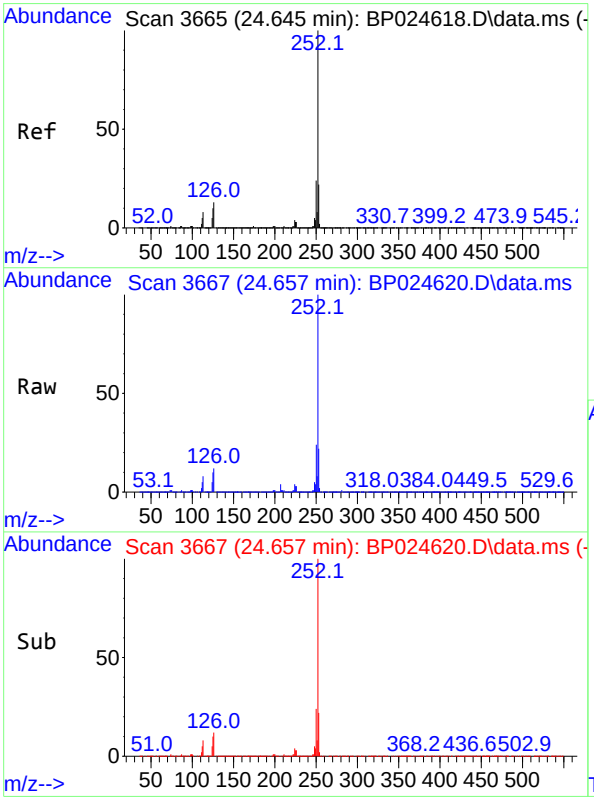
#89
Benzo(k)fluoranthene
Concen: 62.95 ng
RT: 23.845 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 3055252

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.6	7.0	10.4

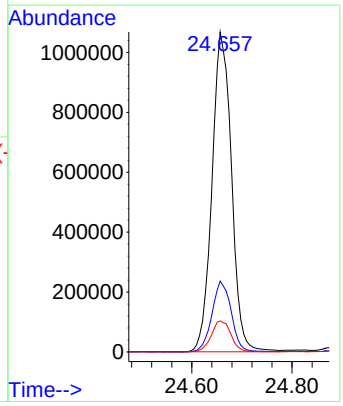


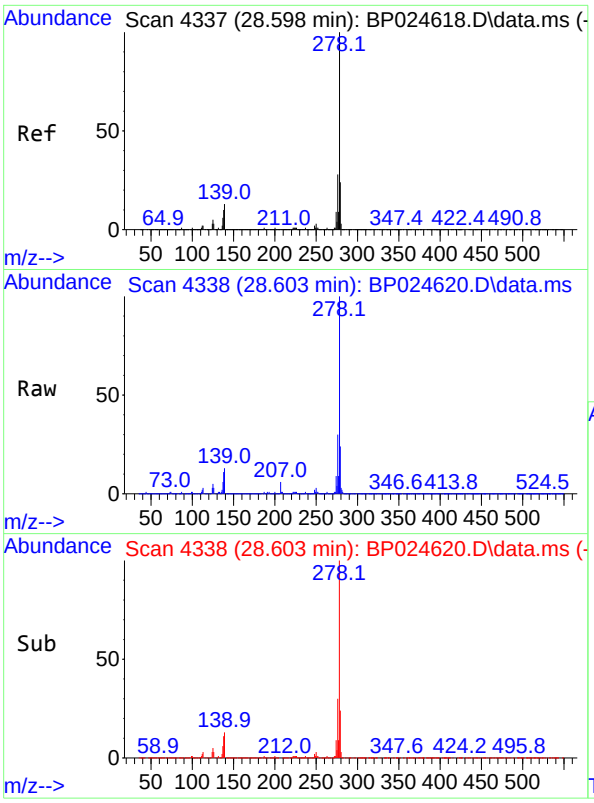


#90
Benzo(a)pyrene
Concen: 63.69 ng
RT: 24.657 min Scan# 3667
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:252 Resp: 2881508

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.7	8.1	12.1



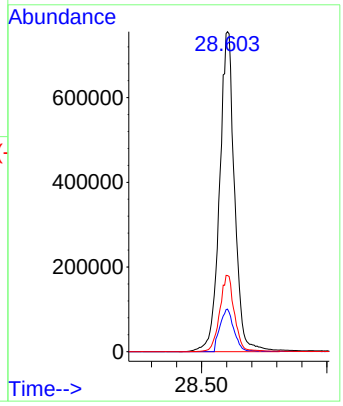


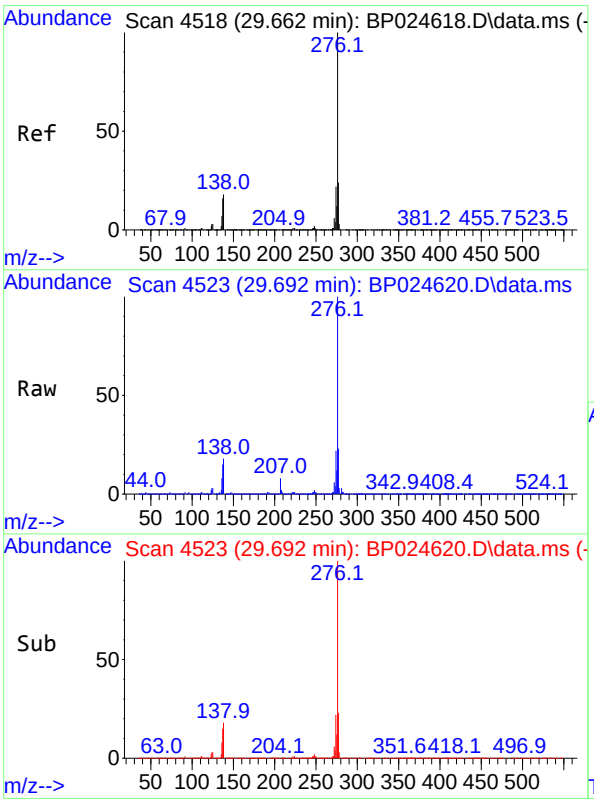
#91
Dibenzo(a,h)anthracene
Concen: 64.20 ng
RT: 28.603 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 3137905

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.2	15.4
279	23.8	19.0	28.4

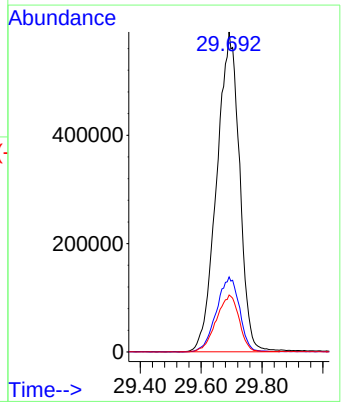




#92
Benzo(g,h,i)perylene
Concen: 63.07 ng
RT: 29.692 min Scan# 4523
Delta R.T. 0.029 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:276 Resp: 3065416

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	17.8	14.4	21.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024621.D
Acq On : 13 May 2025 15:26
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: May 13 16:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	134481	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	584325	20.00	ng		0.00
39) Acenaphthene-d10	14.298	164	373575	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	713479	20.00	ng		0.00
76) Chrysene-d12	21.516	240	765954	20.00	ng		0.00
86) Perylene-d12	24.804	264	877352	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	1283582	163.25	ng		0.00
7) Phenol-d6	6.858	99	1670035	166.42	ng		0.00
23) Nitrobenzene-d5	8.822	82	1840183	159.12	ng		0.01
42) 2,4,6-Tribromophenol	15.828	330	1032638	163.05	ng		0.02
45) 2-Fluorobiphenyl	12.910	172	4438179	155.65	ng		0.00
79) Terphenyl-d14	19.816	244	7152255	160.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	275790	74.70	ng		99
3) Pyridine	3.622	79	679364	82.98	ng		98
4) n-Nitrosodimethylamine	3.534	42	289012	79.96	ng		100
6) Aniline	7.005	93	1075238	82.99	ng		100
8) 2-Chlorophenol	7.240	128	740005	82.91	ng		99
9) Benzaldehyde	6.822	77	412028	63.54	ng		100
10) Phenol	6.887	94	859122	82.95	ng		100
11) bis(2-Chloroethyl)ether	7.099	93	670572	78.79	ng		100
12) 1,3-Dichlorobenzene	7.552	146	795953	77.51	ng		100
13) 1,4-Dichlorobenzene	7.699	146	802182	77.67	ng		98
14) 1,2-Dichlorobenzene	8.010	146	779316	77.43	ng		99
15) Benzyl Alcohol	7.910	79	664684	87.16	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	782240	76.75	ng		98
17) 2-Methylphenol	8.110	107	620901	83.58	ng		99
18) Hexachloroethane	8.728	117	306812	77.52	ng		97
19) n-Nitroso-di-n-propyla...	8.469	70	551845	79.50	ng		98
20) 3+4-Methylphenols	8.440	107	852078	84.32	ng		99
22) Acetophenone	8.481	105	1147610	78.62	ng	#	99
24) Nitrobenzene	8.857	77	804153	79.02	ng		98
25) Isophorone	9.381	82	1593235	79.42	ng		100
26) 2-Nitrophenol	9.557	139	442185	88.67	ng		98
27) 2,4-Dimethylphenol	9.628	122	722439	82.17	ng		100
28) bis(2-Chloroethoxy)met...	9.857	93	946615	78.98	ng		99
29) 2,4-Dichlorophenol	10.099	162	721701	84.70	ng		97
30) 1,2,4-Trichlorobenzene	10.299	180	755529	78.69	ng		98
31) Naphthalene	10.487	128	2354789	77.77	ng		100
32) Benzoic acid	9.828	122	525308	80.15	ng		99
33) 4-Chloroaniline	10.599	127	1033865	84.61	ng		99
34) Hexachlorobutadiene	10.769	225	481140	77.35	ng		97
35) Caprolactam	11.416	113	257252	83.50	ng		96
36) 4-Chloro-3-methylphenol	11.734	107	838983	80.74	ng		99
37) 2-Methylnaphthalene	12.093	142	1529445	78.01	ng		100
38) 1-Methylnaphthalene	12.322	142	1613775	76.92	ng		99
40) 1,2,4,5-Tetrachloroben...	12.469	216	875750	80.73	ng		100
41) Hexachlorocyclopentadiene	12.446	237	628436	95.54	ng		97
43) 2,4,6-Trichlorophenol	12.716	196	601332	85.58	ng		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024621.D
Acq On : 13 May 2025 15:26
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: May 13 16:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	657399	84.05	ng	97
46) 1,1'-Biphenyl	13.122	154	2175624	78.79	ng	100
47) 2-Chloronaphthalene	13.163	162	1662979	78.99	ng	99
48) 2-Nitroaniline	13.375	65	512458	82.22	ng	97
49) Acenaphthylene	14.016	152	2773742	78.73	ng	99
50) Dimethylphthalate	13.763	163	2182359	76.64	ng	100
51) 2,6-Dinitrotoluene	13.887	165	476606	79.26	ng	97
52) Acenaphthene	14.363	154	1572103	77.62	ng	99
53) 3-Nitroaniline	14.222	138	522849	85.15	ng	100
54) 2,4-Dinitrophenol	14.428	184	300458	79.29	ng	98
55) Dibenzofuran	14.704	168	2477374	76.68	ng	99
56) 4-Nitrophenol	14.557	139	409954	77.27	ng	98
57) 2,4-Dinitrotoluene	14.681	165	678287	80.01	ng	97
58) Fluorene	15.363	166	2003709	76.06	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.945	232	588947	81.17	ng	98
60) Diethylphthalate	15.145	149	2193488	76.22	ng	99
61) 4-Chlorophenyl-phenyle...	15.363	204	997863	75.96	ng	99
62) 4-Nitroaniline	15.404	138	509582	85.24	ng	99
63) Azobenzene	15.663	77	1858146	75.47	ng	99
65) 4,6-Dinitro-2-methylph...	15.469	198	401011	87.01	ng	98
66) n-Nitrosodiphenylamine	15.587	169	1711679	78.10	ng	99
67) 4-Bromophenyl-phenylether	16.281	248	684619	81.43	ng	98
68) Hexachlorobenzene	16.398	284	856547	80.18	ng	99
69) Atrazine	16.575	200	645877	80.42	ng	99
70) Pentachlorophenol	16.751	266	548492	91.41	ng	99
71) Phenanthrene	17.145	178	3091665	77.95	ng	99
72) Anthracene	17.239	178	3161669	79.23	ng	99
73) Carbazole	17.522	167	2892236	80.08	ng	99
74) Di-n-butylphthalate	18.110	149	3747927	80.68	ng	99
75) Fluoranthene	19.228	202	3629085	78.27	ng	99
77) Benzidine	19.422	184	1678507	79.83	ng	100
78) Pyrene	19.604	202	3747276	81.65	ng	99
80) Butylbenzylphthalate	20.545	149	1741954	85.34	ng	98
81) Benzo(a)anthracene	21.498	228	3829787	79.63	ng	99
82) 3,3'-Dichlorobenzidine	21.422	252	1575691	88.21	ng	100
83) Chrysene	21.569	228	3615014	79.29	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	2577445	85.91	ng	99
85) Di-n-octyl phthalate	22.686	149	4341653	88.50	ng	99
87) Indeno(1,2,3-cd)pyrene	28.515	276	5243999m	81.85	ng	
88) Benzo(b)fluoranthene	23.768	252	4173798	83.11	ng	99
89) Benzo(k)fluoranthene	23.833	252	4160268	80.40	ng	100
90) Benzo(a)pyrene	24.645	252	3988360	82.69	ng	99
91) Dibenzo(a,h)anthracene	28.598	278	4338518	83.26	ng	99
92) Benzo(g,h,i)perylene	29.680	276	4253459	82.08	ng	99

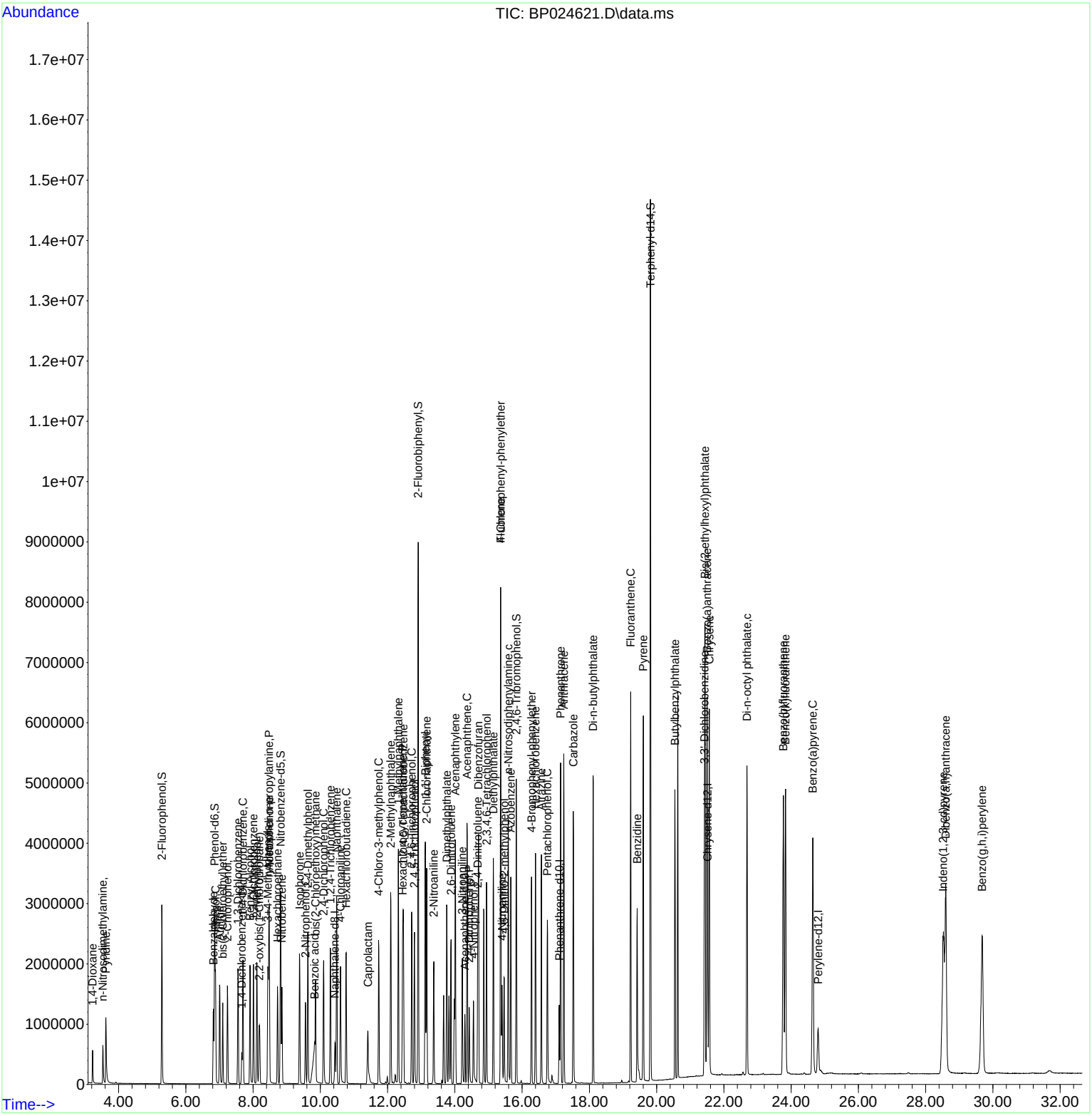
(#) = qualifier out of range (m) = manual integration (+) = signals summed

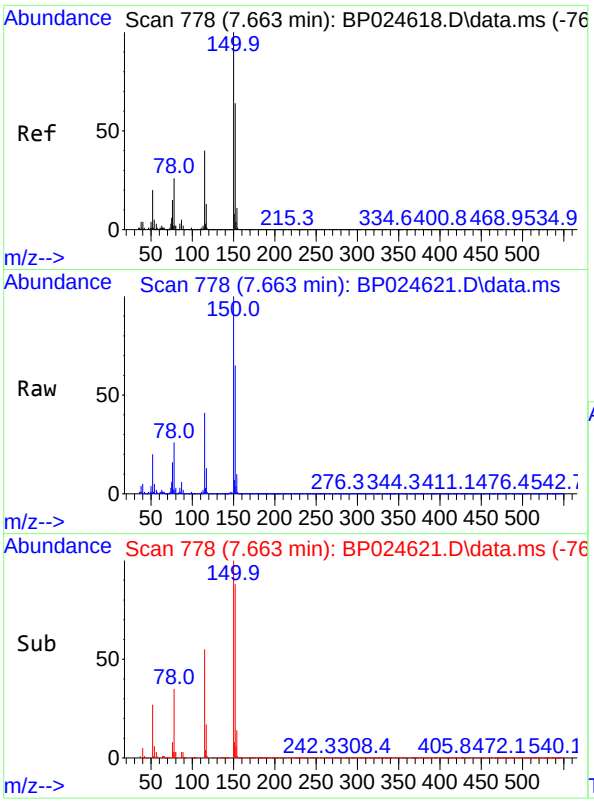
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024621.D
Acq On : 13 May 2025 15:26
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: May 13 16:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



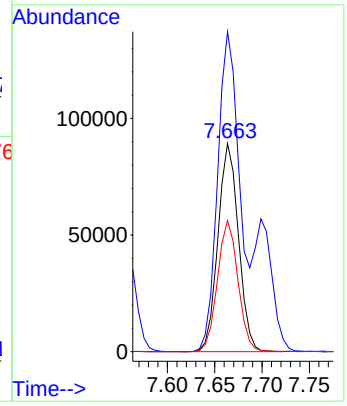


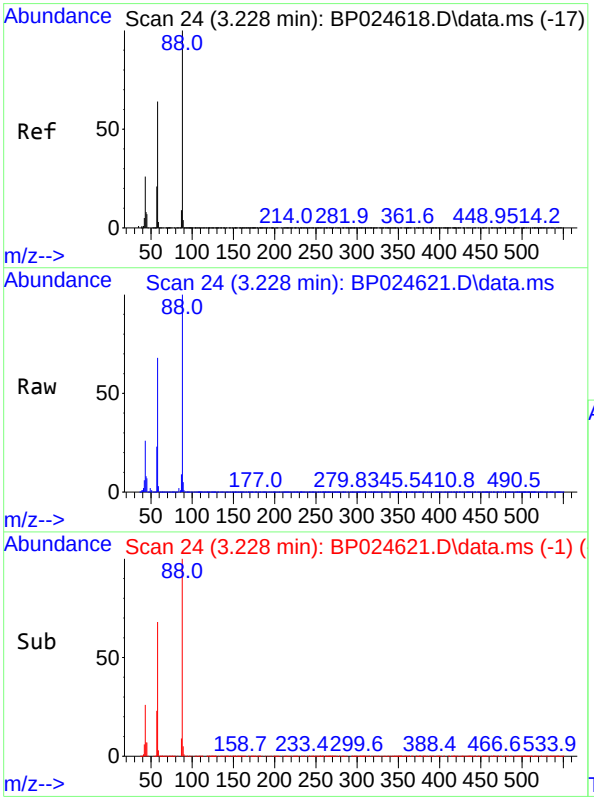
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 134481

Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.9	188.9
115	63.0	50.1	75.1

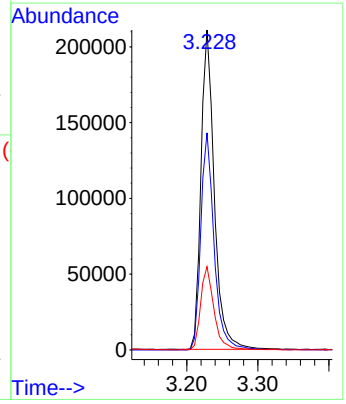


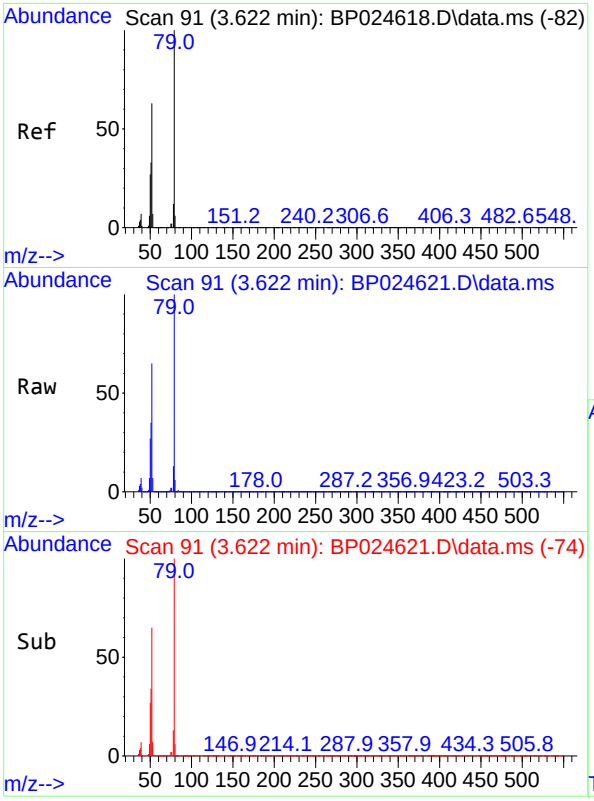


#2
1,4-Dioxane
Concen: 74.70 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 88 Resp: 275790

Ion	Ratio	Lower	Upper
88	100		
58	68.0	54.0	81.0
43	26.1	21.4	32.0



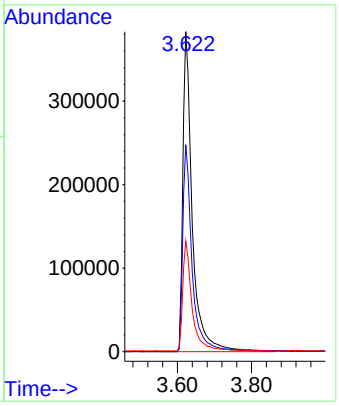


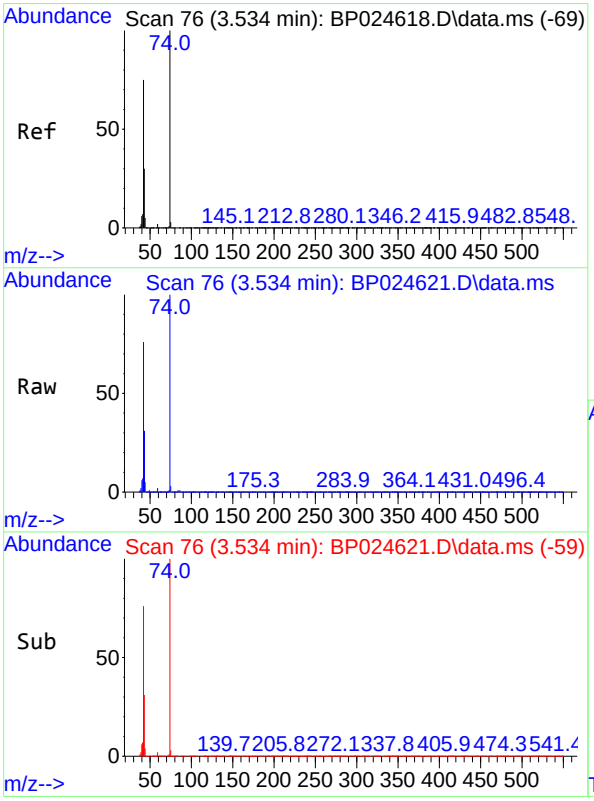
#3
Pyridine
Concen: 82.98 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 679364

Ion	Ratio	Lower	Upper
79	100		
52	64.7	50.2	75.2
51	34.6	26.8	40.2

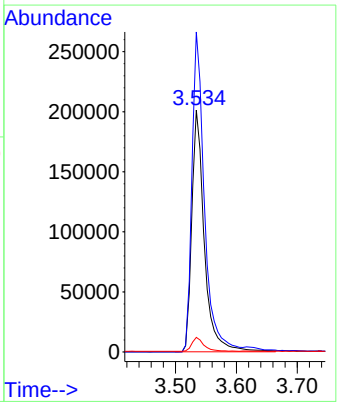


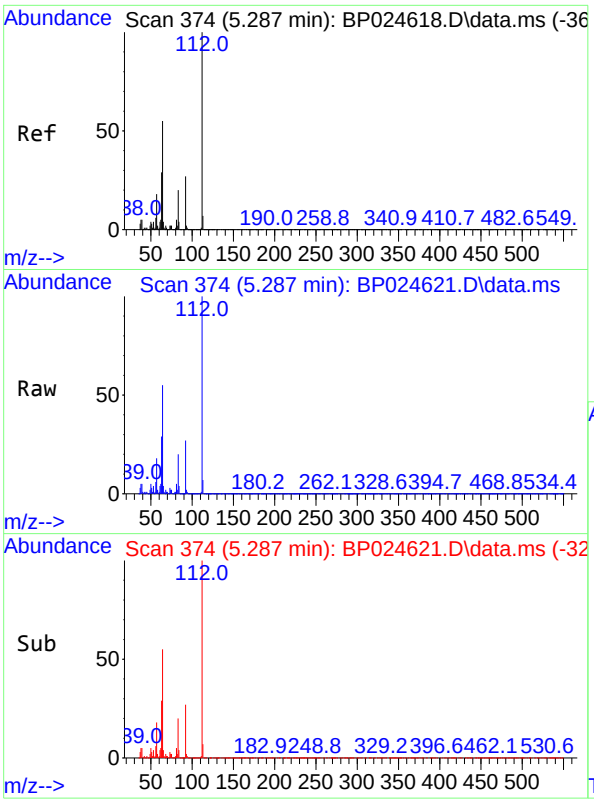


#4
n-Nitrosodimethylamine
Concen: 79.96 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 42 Resp: 289012

Ion	Ratio	Lower	Upper
42	100		
74	132.2	106.2	159.2
44	6.0	5.4	8.2



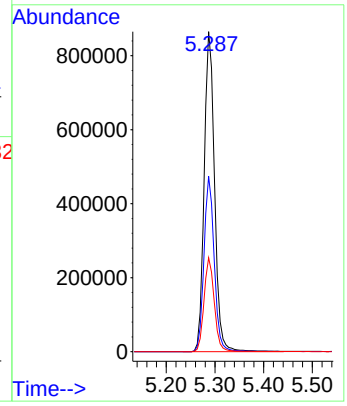


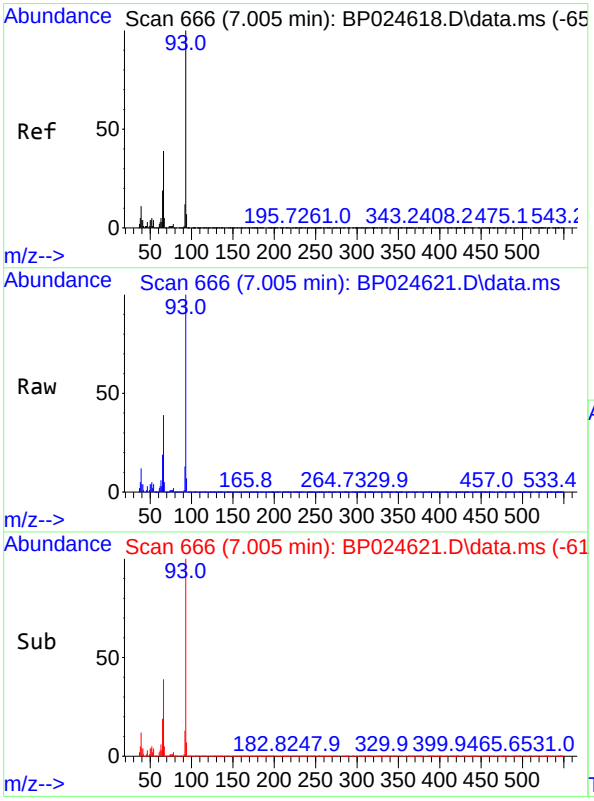
#5
2-Fluorophenol
Concen: 163.25 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 1283582

Ion	Ratio	Lower	Upper
112	100		
64	54.8	44.1	66.1
63	29.4	23.5	35.3

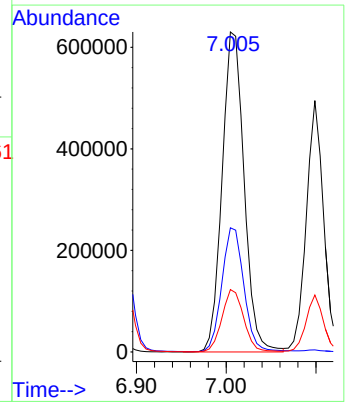


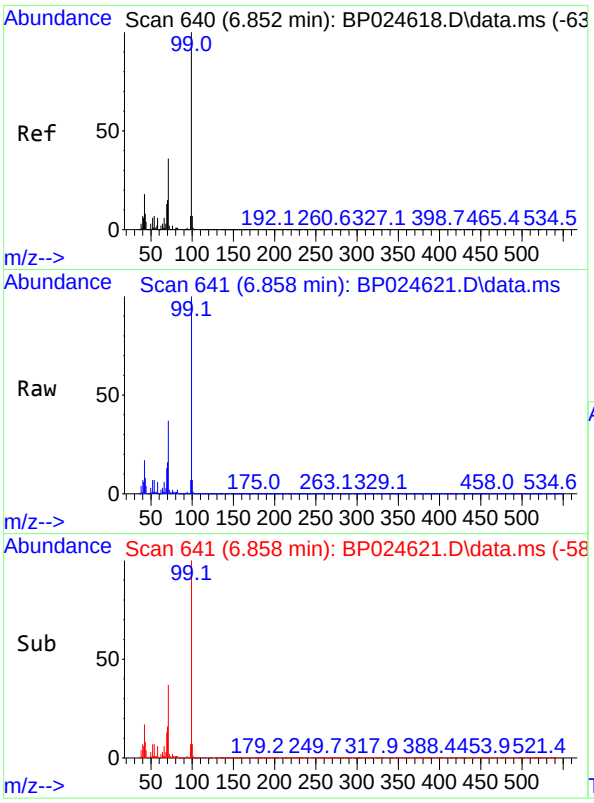


#6
Aniline
Concen: 82.99 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 93 Resp: 1075238

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.0	46.6
65	19.5	15.5	23.3



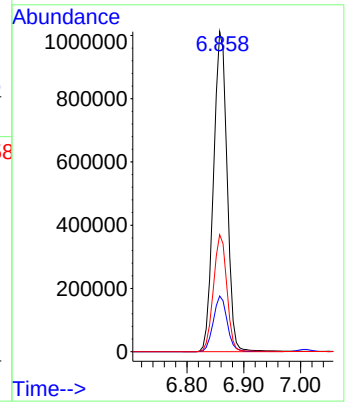


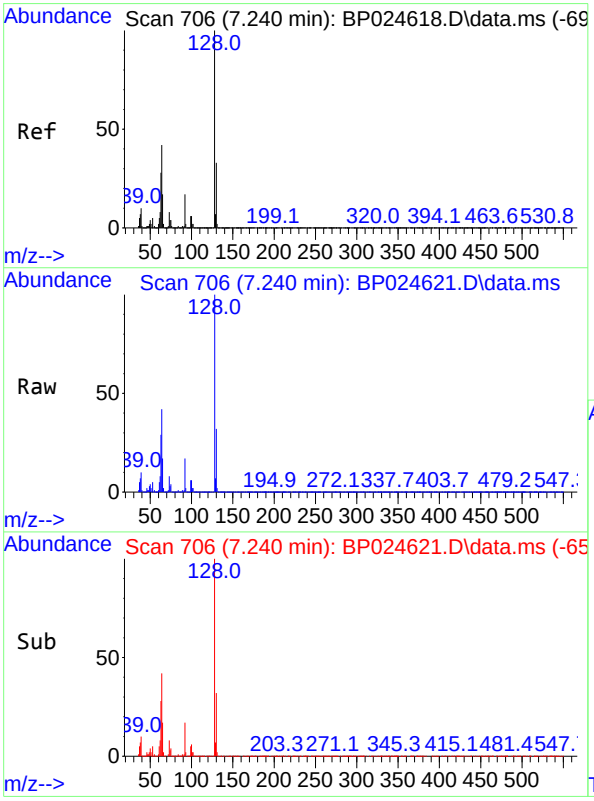
#7
Phenol-d6
Concen: 166.42 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 1670035

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.4	21.6
71	36.6	29.2	43.8

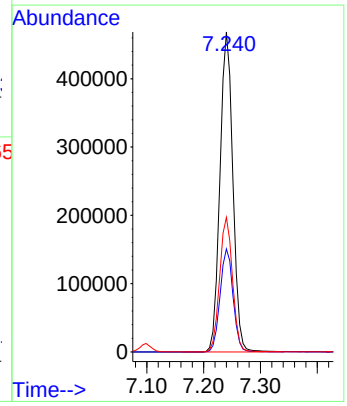


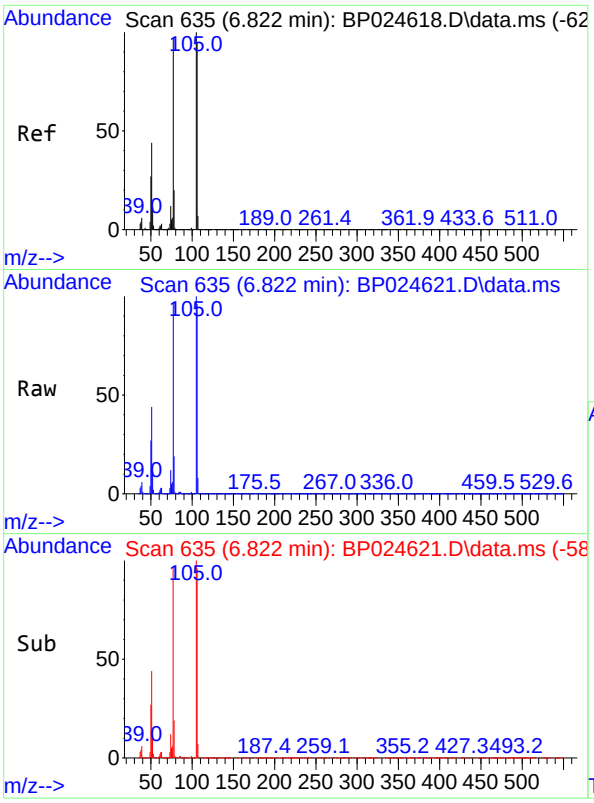


#8
2-Chlorophenol
Concen: 82.91 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:128 Resp: 740005

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.0	53.0
64	42.1	22.3	62.3



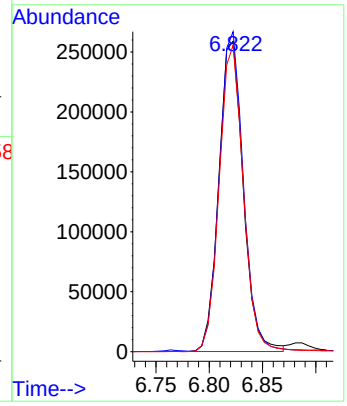


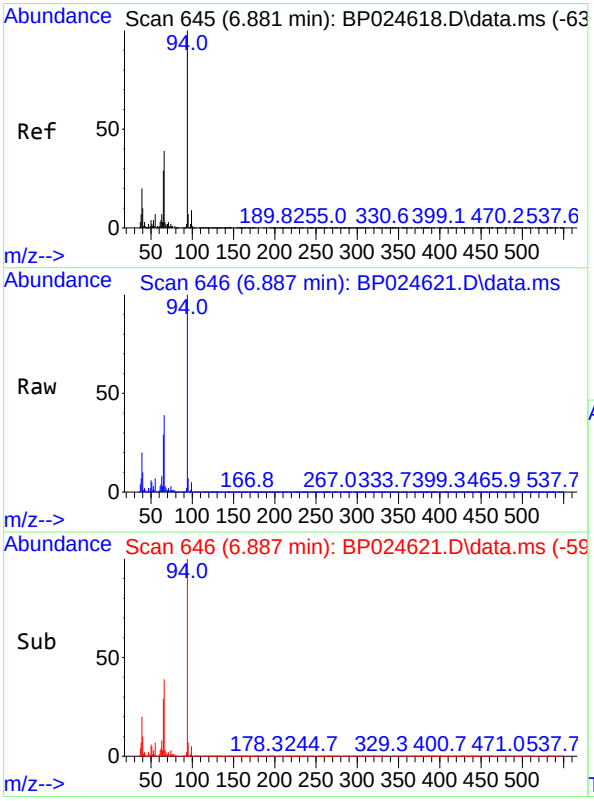
#9
Benzaldehyde
Concen: 63.54 ng
RT: 6.822 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 412028

Ion	Ratio	Lower	Upper
77	100		
105	103.1	83.3	123.3
106	98.7	78.0	118.0

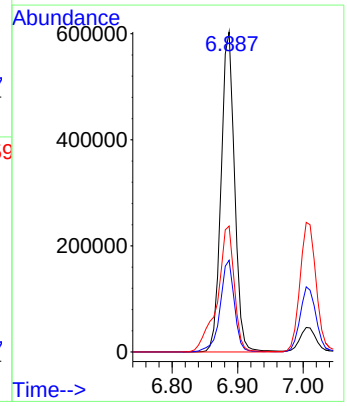


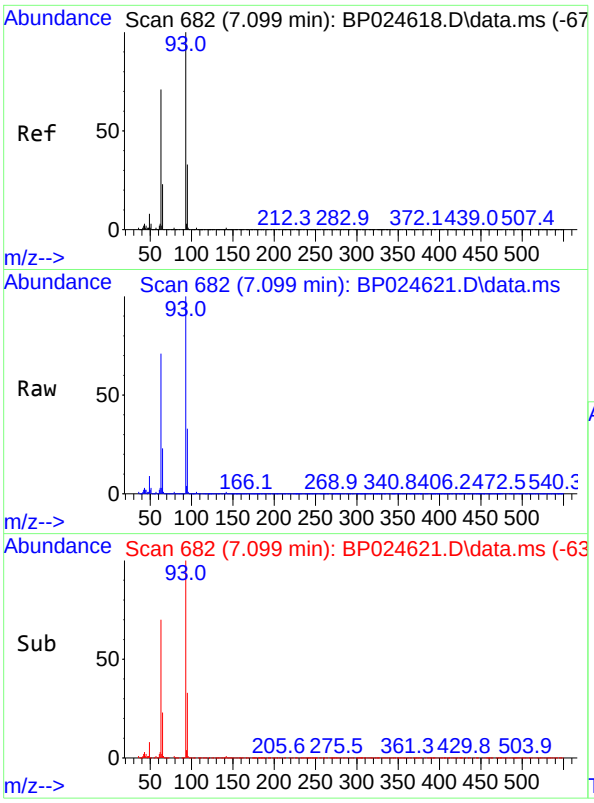


#10
Phenol
Concen: 82.95 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 94 Resp: 859122

Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.7	48.7
66	39.3	19.4	59.4



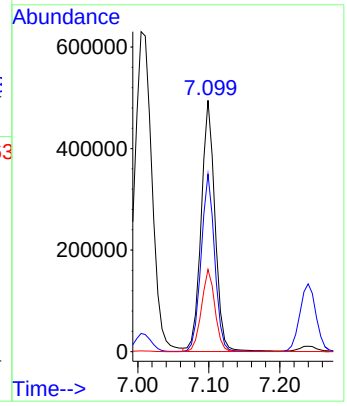


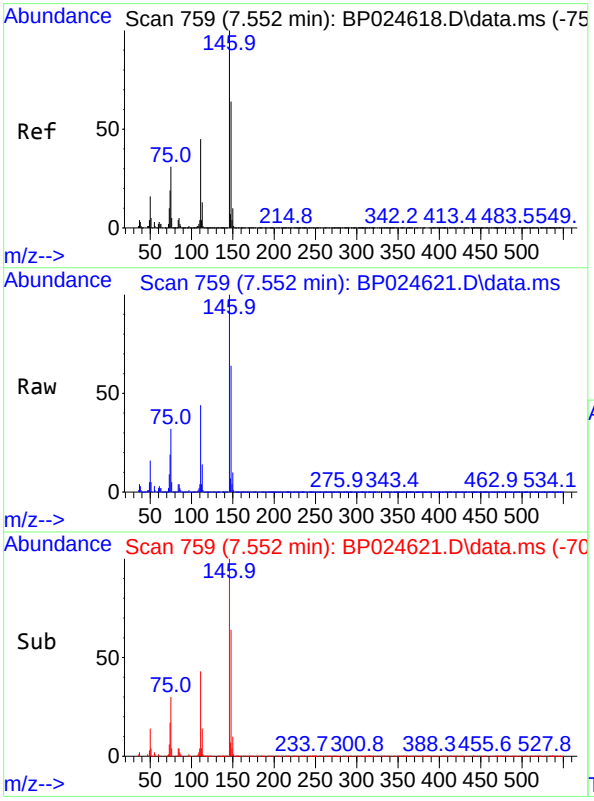
#11
bis(2-Chloroethyl)ether
Concen: 78.79 ng
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 670572

Ion	Ratio	Lower	Upper
93	100		
63	70.6	50.6	90.6
95	32.7	12.9	52.9

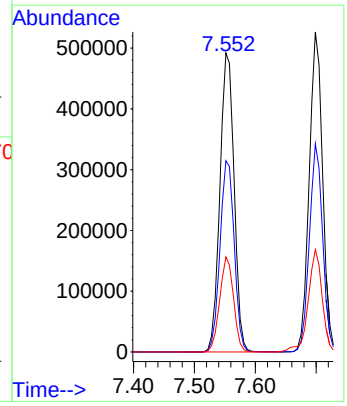


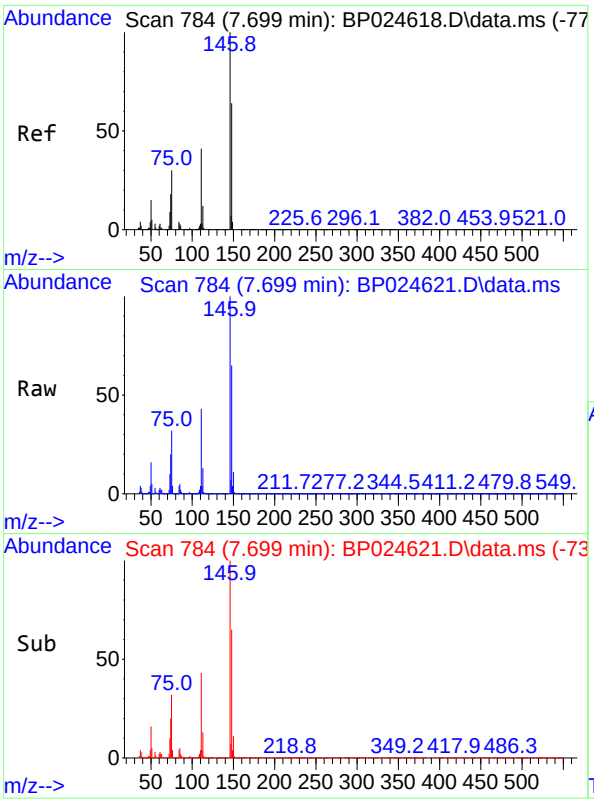


#12
1,3-Dichlorobenzene
Concen: 77.51 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:146 Resp: 795953

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
75	31.8	25.2	37.8



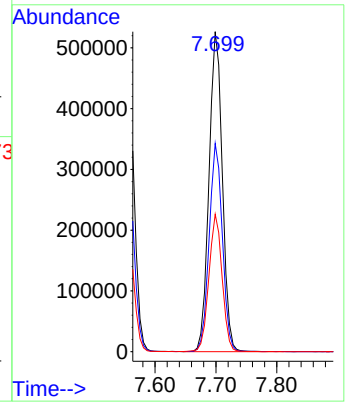


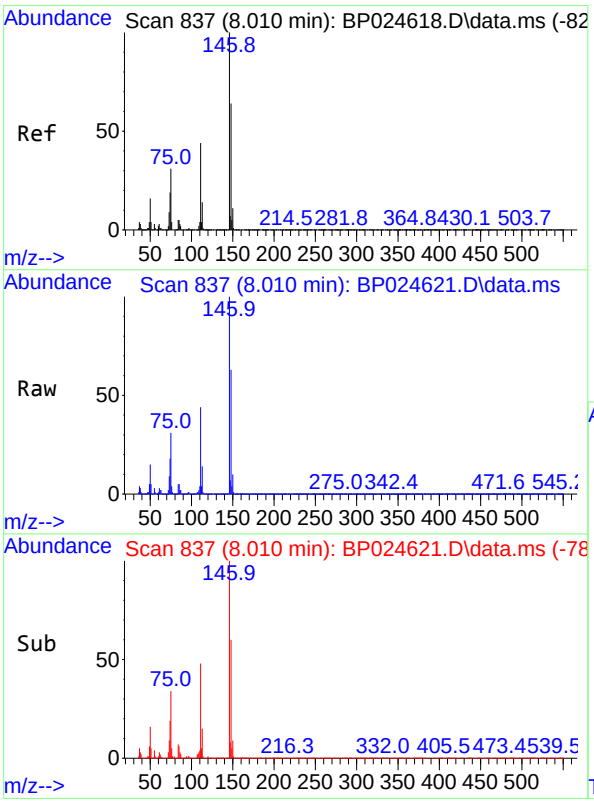
#13
1,4-Dichlorobenzene
Concen: 77.67 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 802182

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.0	76.6
111	43.0	33.0	49.6

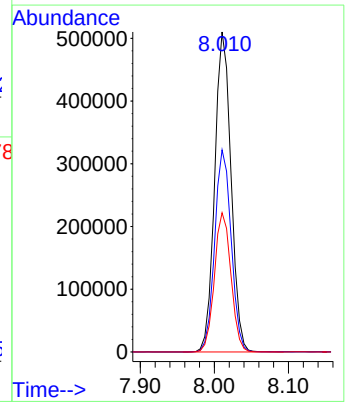


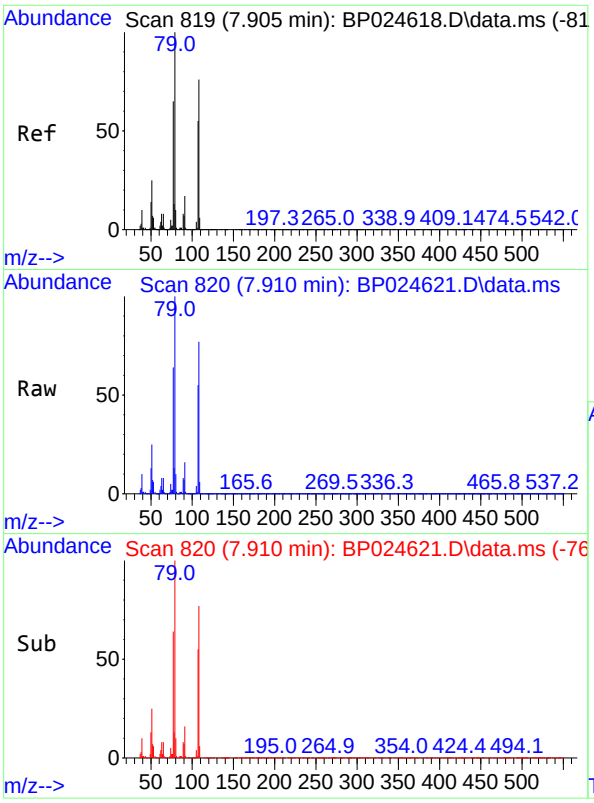


#14
1,2-Dichlorobenzene
Concen: 77.43 ng
RT: 8.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:146 Resp: 779316

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.4
111	43.5	35.2	52.8



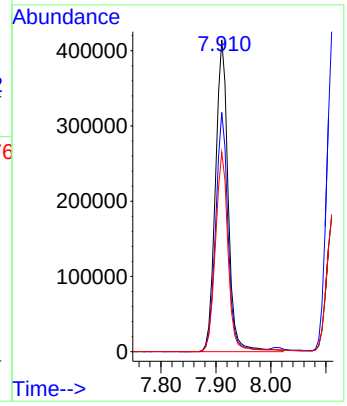


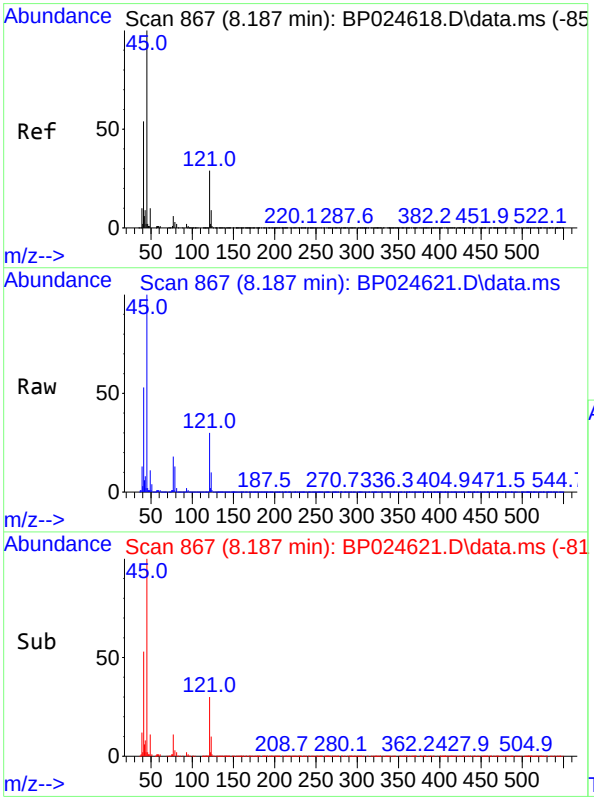
#15
Benzyl Alcohol
Concen: 87.16 ng
RT: 7.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 664684

Ion	Ratio	Lower	Upper
79	100		
108	76.7	60.8	91.2
77	63.9	51.9	77.9

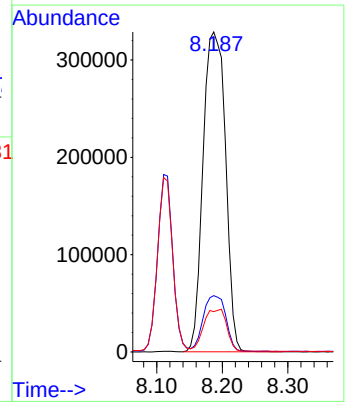


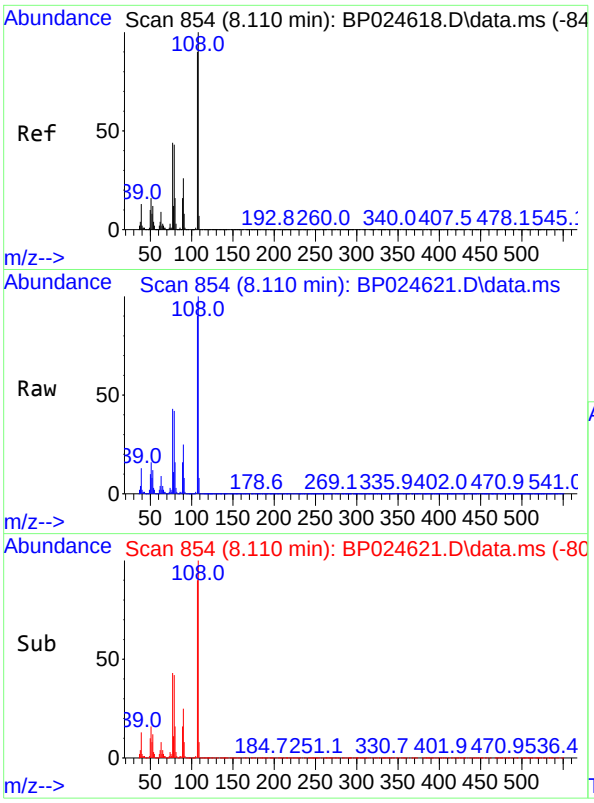


#16
2,2'-oxybis(1-Chloropropane)
Concen: 76.75 ng
RT: 8.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 45 Resp: 782240

Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	37.7
79	12.6	0.0	34.0



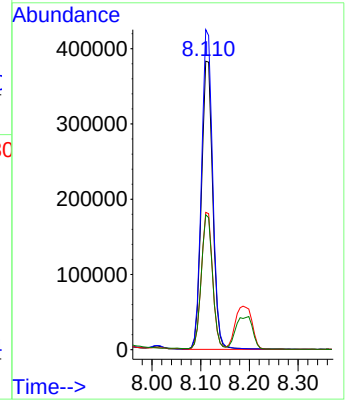


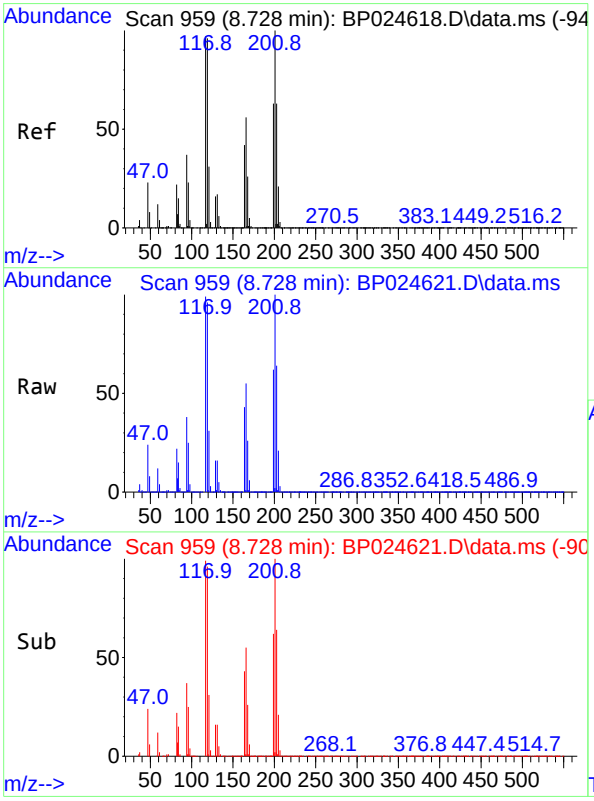
#17
2-Methylphenol
Concen: 83.58 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 620901

Ion	Ratio	Lower	Upper
107	100		
108	110.9	88.9	133.3
77	47.6	39.0	58.6
79	46.7	38.4	57.6

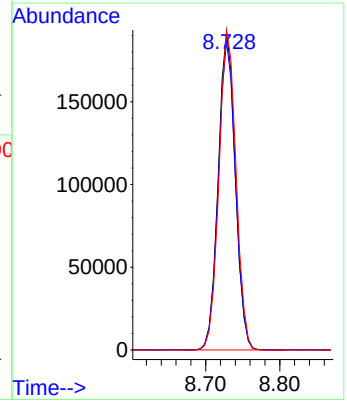


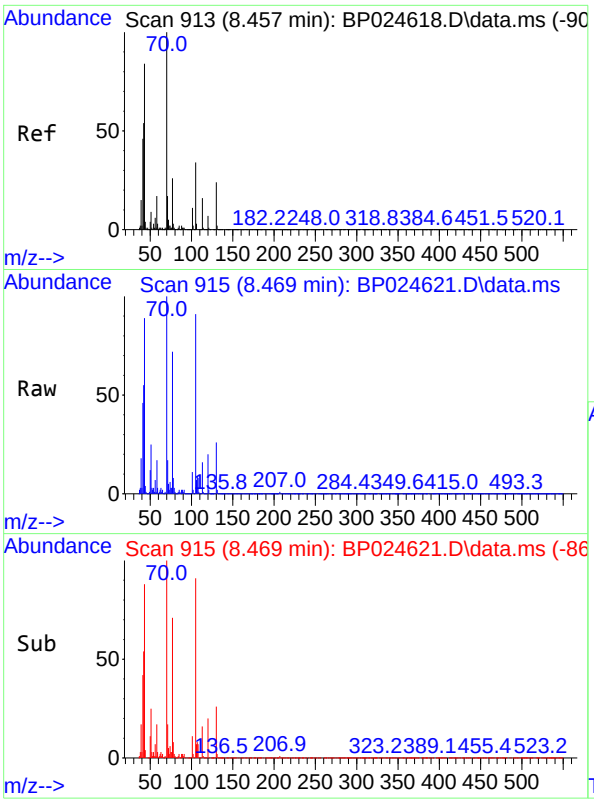


#18
Hexachloroethane
Concen: 77.52 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:117 Resp: 306812

Ion	Ratio	Lower	Upper
117	100		
119	96.9	79.4	119.0
201	100.5	82.7	124.1



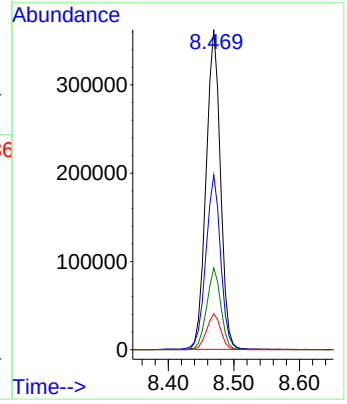


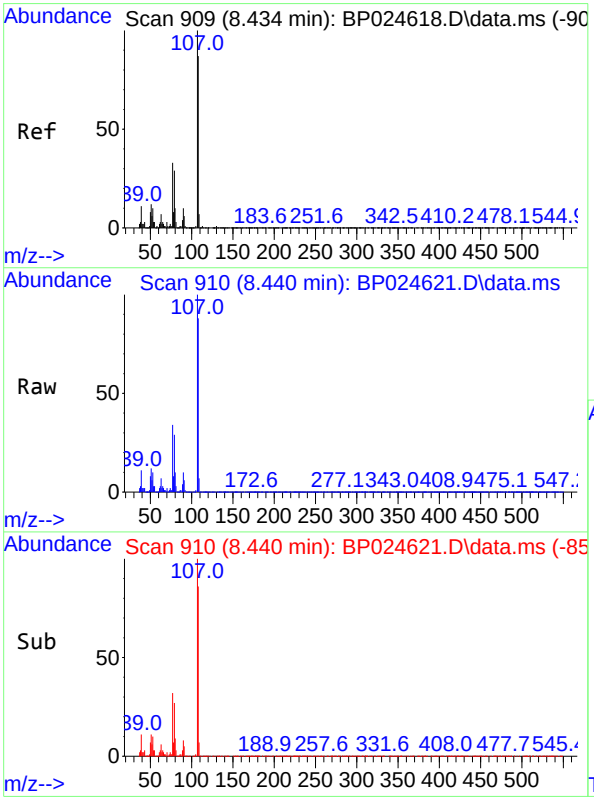
#19
n-Nitroso-di-n-propylamine
Concen: 79.50 ng
RT: 8.469 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 551845

Ion	Ratio	Lower	Upper
70	100		
42	54.6	43.0	64.6
101	11.2	8.7	13.1
130	25.6	19.4	29.0

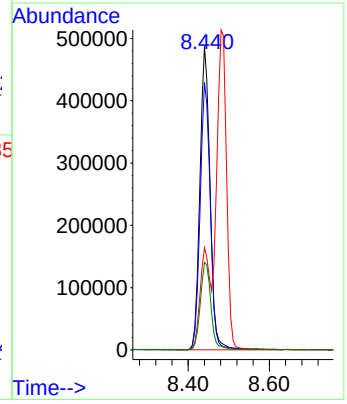


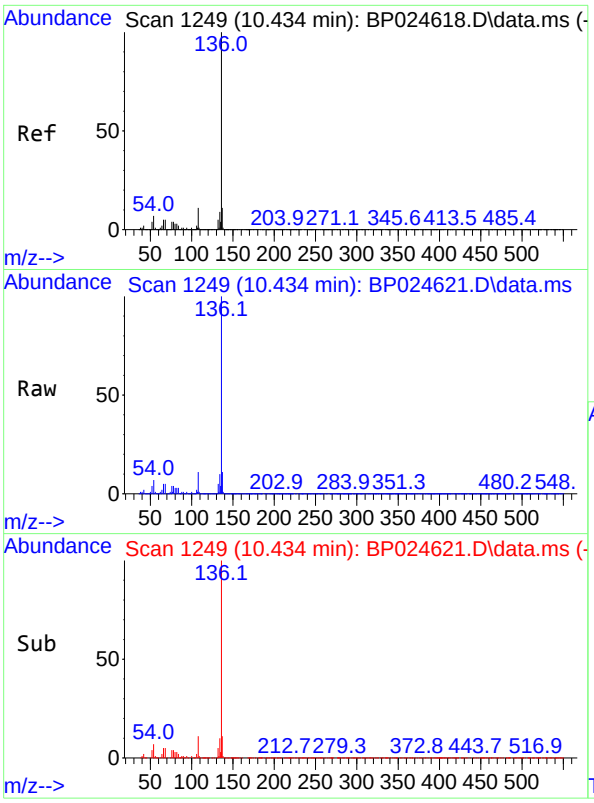


#20
3+4-Methylphenols
Concen: 84.32 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:107 Resp: 852078

Ion	Ratio	Lower	Upper
107	100		
108	88.1	66.7	106.7
77	33.7	13.1	53.1
79	28.8	8.9	48.9



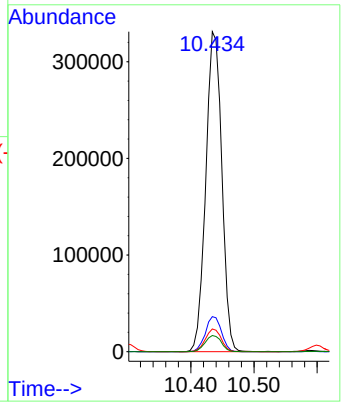


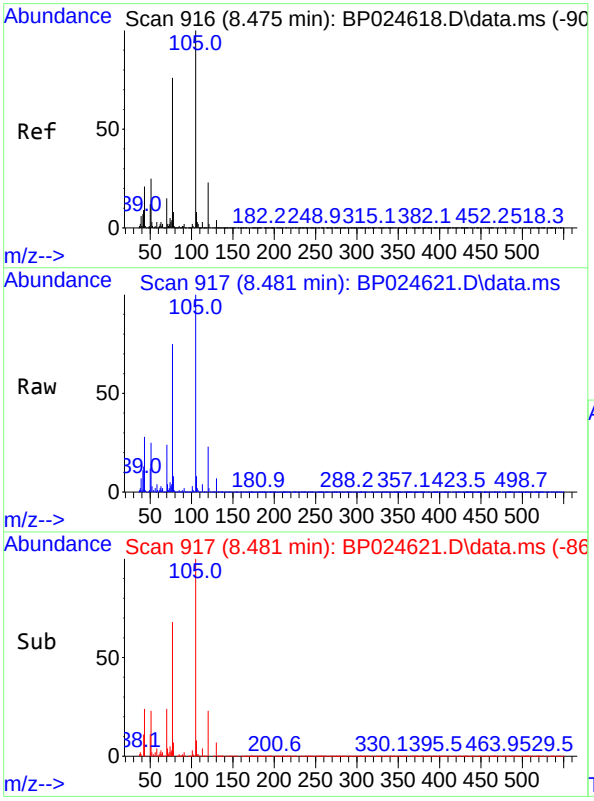
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 584325

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	5.5	8.3
68	5.1	4.2	6.2

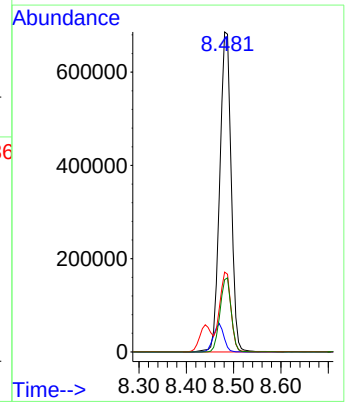


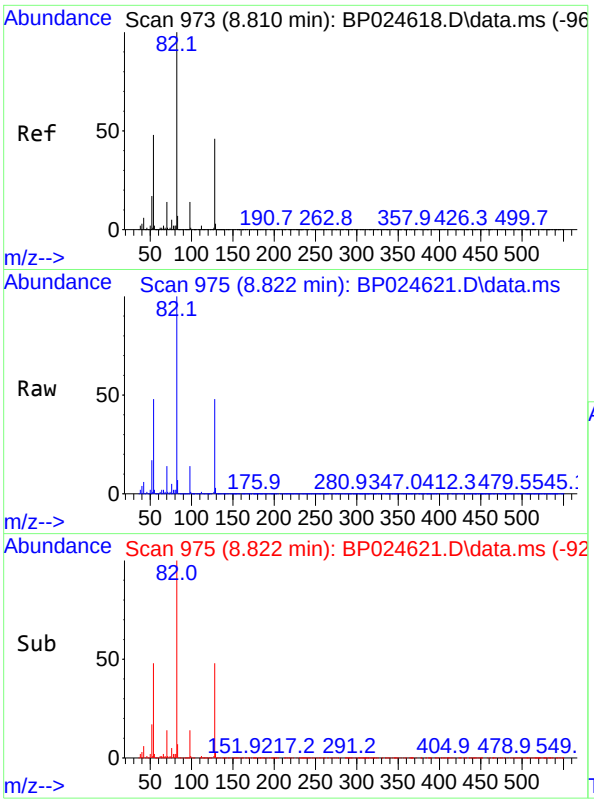


#22
Acetophenone
Concen: 78.62 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:105 Resp: 1147610

Ion	Ratio	Lower	Upper
105	100		
71	4.0	2.0	3.0#
51	25.0	20.4	30.6
120	22.6	18.1	27.1



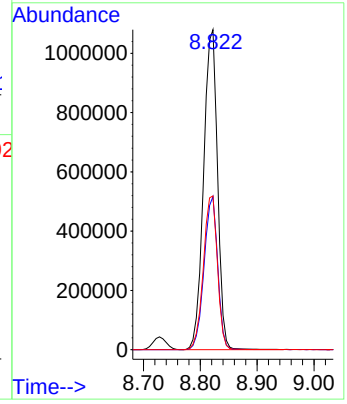


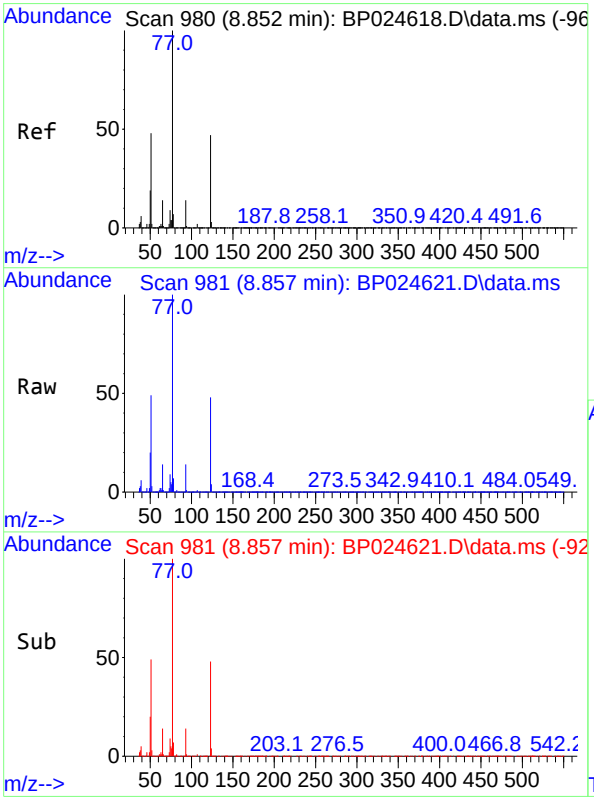
#23
Nitrobenzene-d5
Concen: 159.12 ng
RT: 8.822 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 1840183

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.0	55.4
54	48.0	38.7	58.1

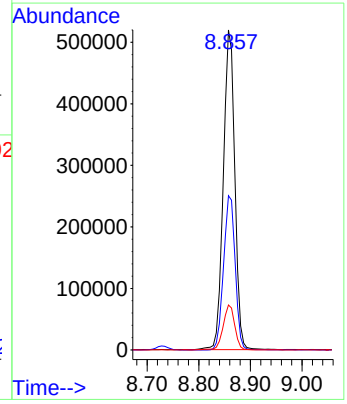


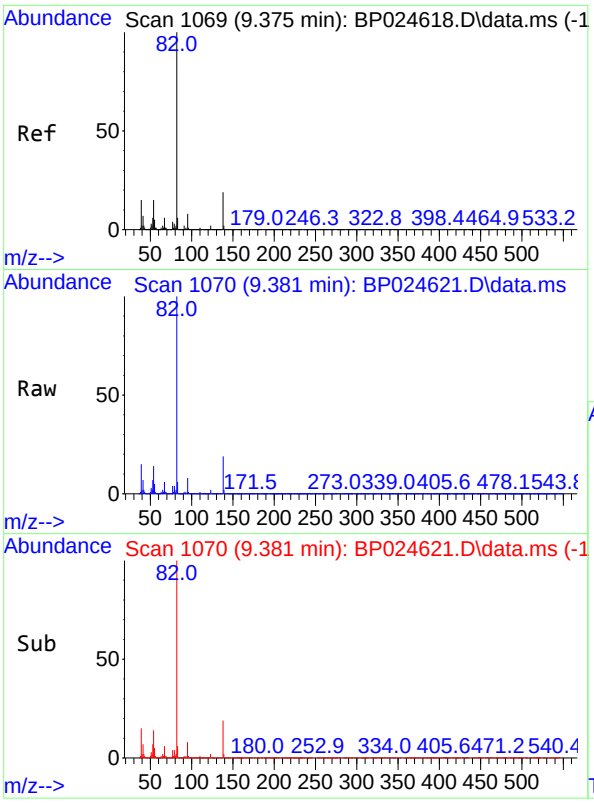


#24
Nitrobenzene
Concen: 79.02 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 77 Resp: 804153

Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.4	56.0
65	14.0	11.3	16.9



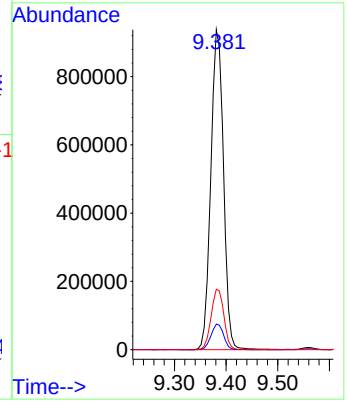


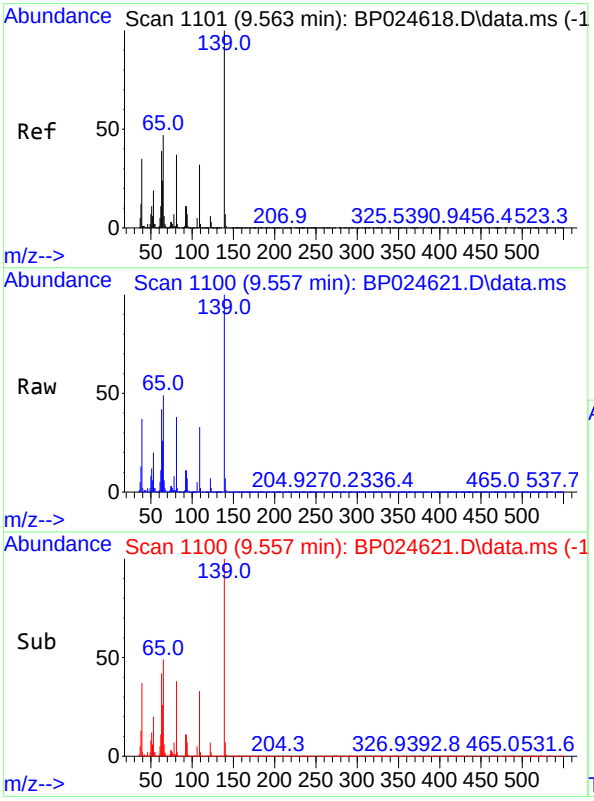
#25
Isophorone
Concen: 79.42 ng
RT: 9.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 1593235

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.3	9.5
138	18.9	15.3	22.9

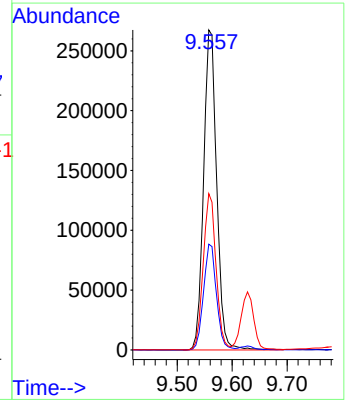


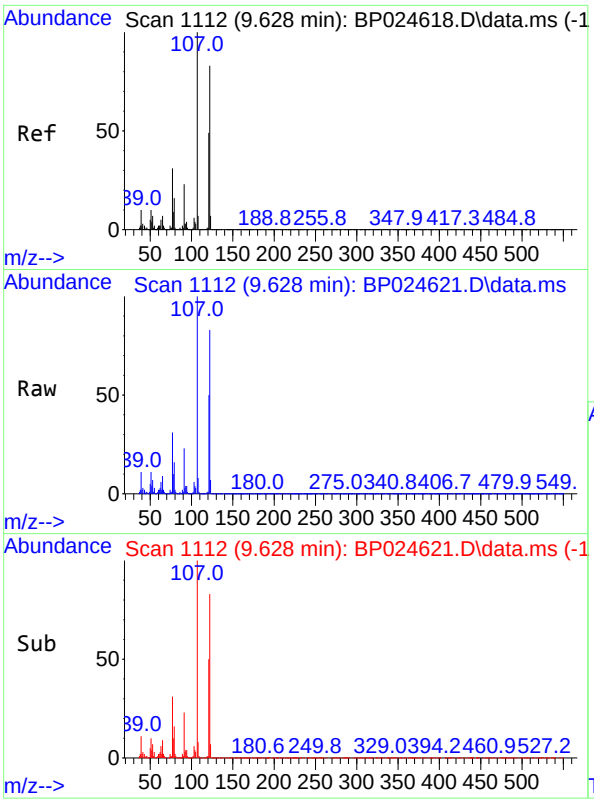


#26
2-Nitrophenol
Concen: 88.67 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:139 Resp: 442185

Ion	Ratio	Lower	Upper
139	100		
109	33.1	25.9	38.9
65	48.8	37.9	56.9



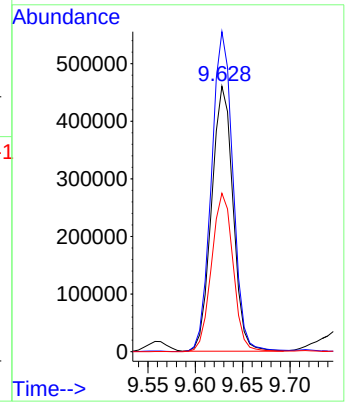


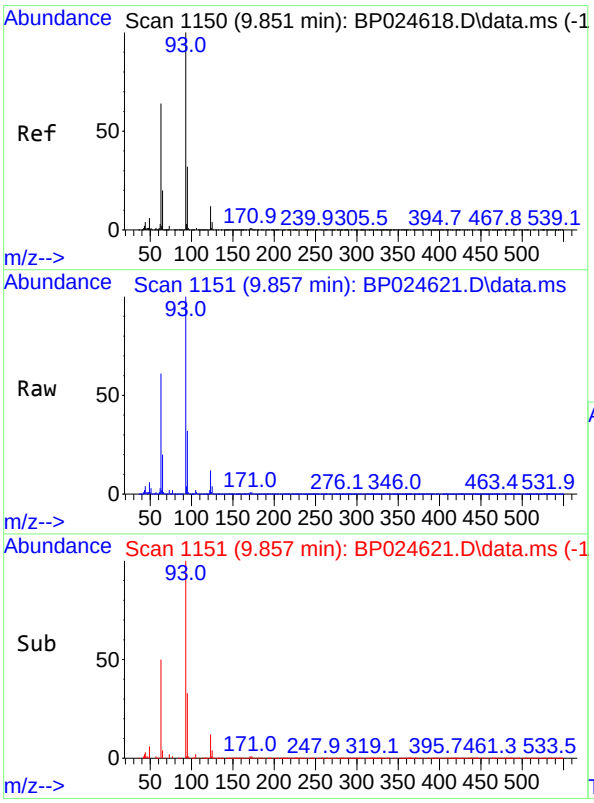
#27
2,4-Dimethylphenol
Concen: 82.17 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 722439

Ion	Ratio	Lower	Upper
122	100		
107	120.6	96.2	144.2
121	59.7	47.6	71.4

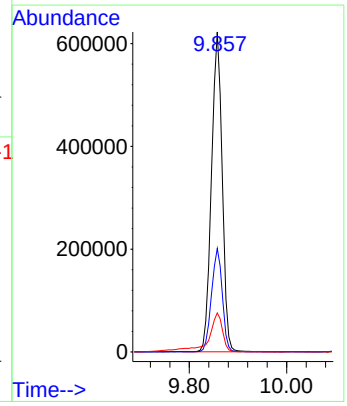


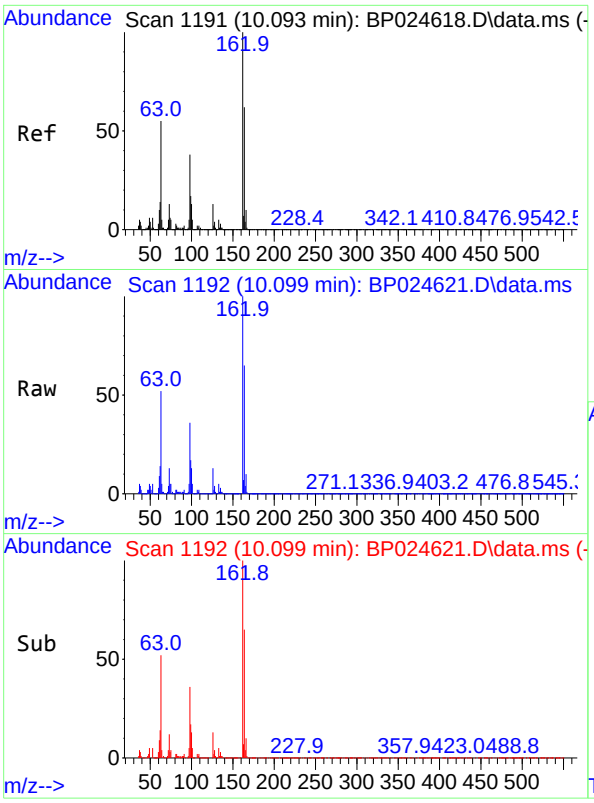


#28
bis(2-Chloroethoxy)methane
Concen: 78.98 ng
RT: 9.857 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 93 Resp: 946615

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.5	38.3
123	12.2	9.7	14.5



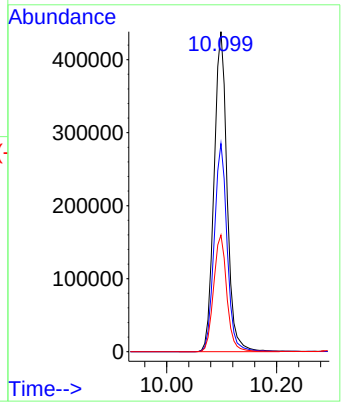


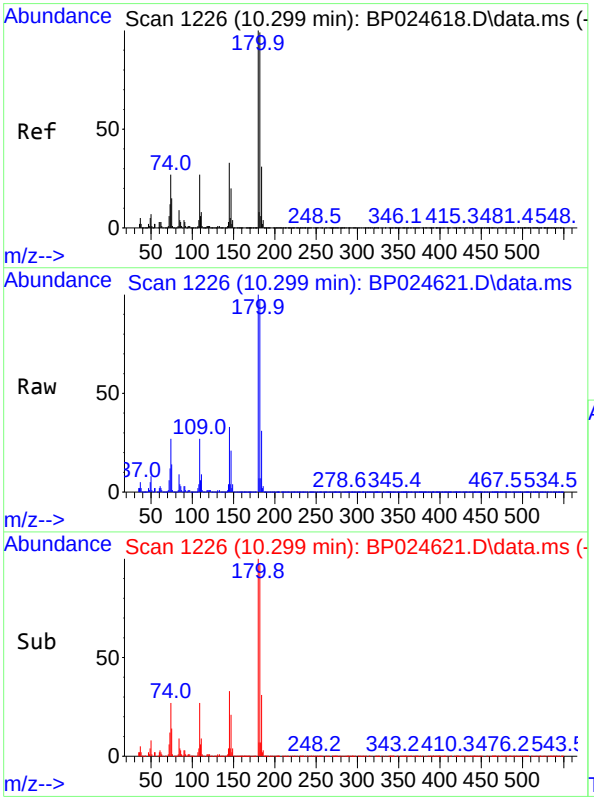
#29
2,4-Dichlorophenol
Concen: 84.70 ng
RT: 10.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 721701

Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.3	82.3
98	36.5	18.4	58.4

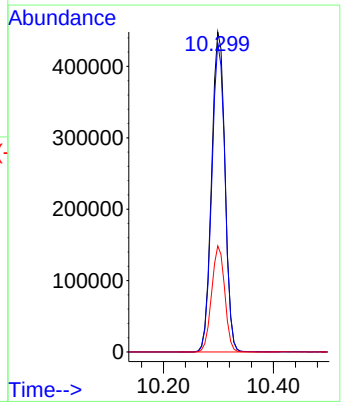


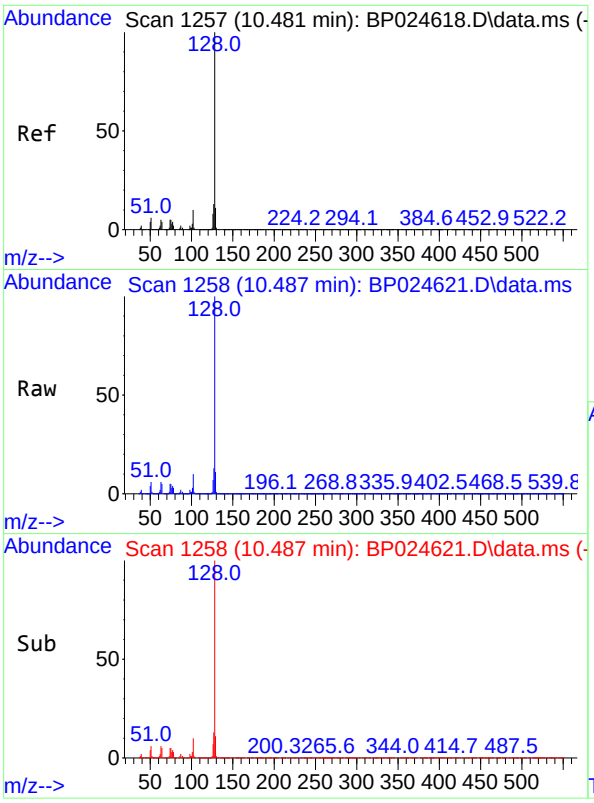


#30
1,2,4-Trichlorobenzene
Concen: 78.69 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:180 Resp: 755529

Ion	Ratio	Lower	Upper
180	100		
182	96.5	79.0	118.4
145	33.1	26.6	39.8



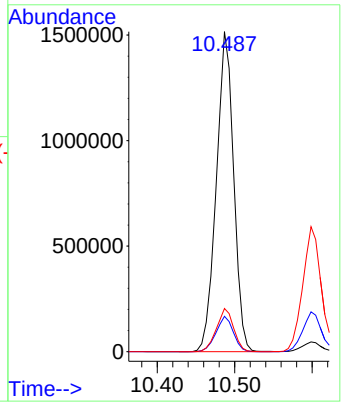


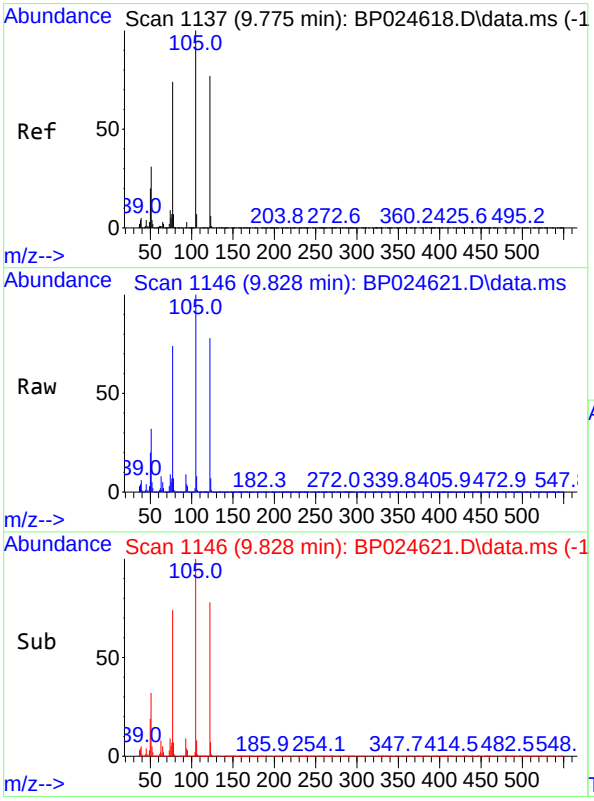
#31
Naphthalene
Concen: 77.77 ng
RT: 10.487 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 2354789

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.5	10.7	16.1

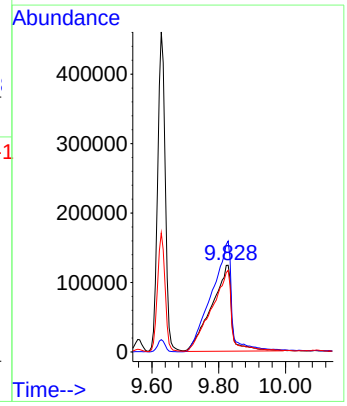


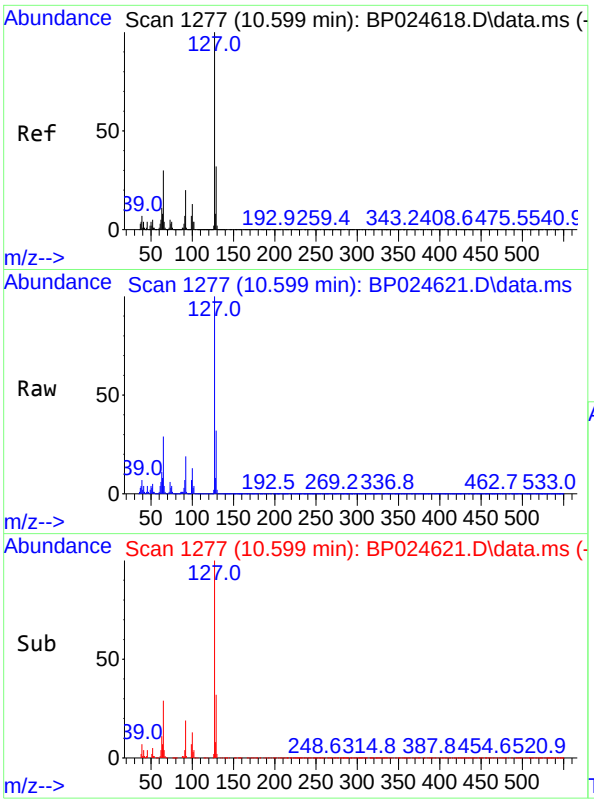


#32
Benzoic acid
Concen: 80.15 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.053 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:122 Resp: 525308

Ion	Ratio	Lower	Upper
122	100		
105	127.9	106.9	146.9
77	94.2	75.1	115.1



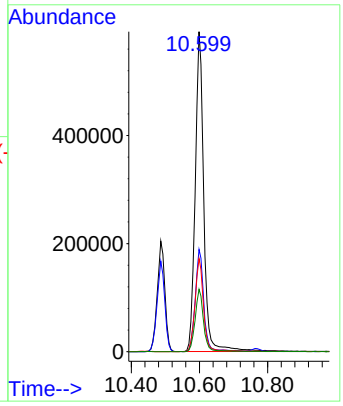


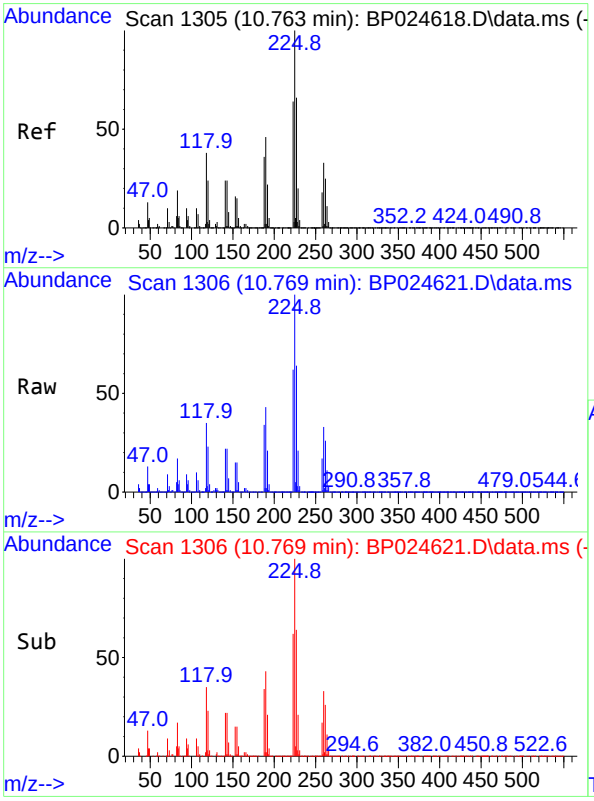
#33
4-Chloroaniline
Concen: 84.61 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 1033865

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	29.1	23.9	35.9
92	19.5	16.1	24.1

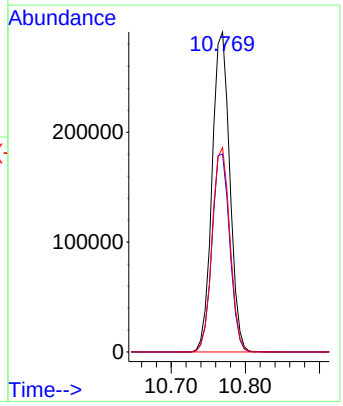


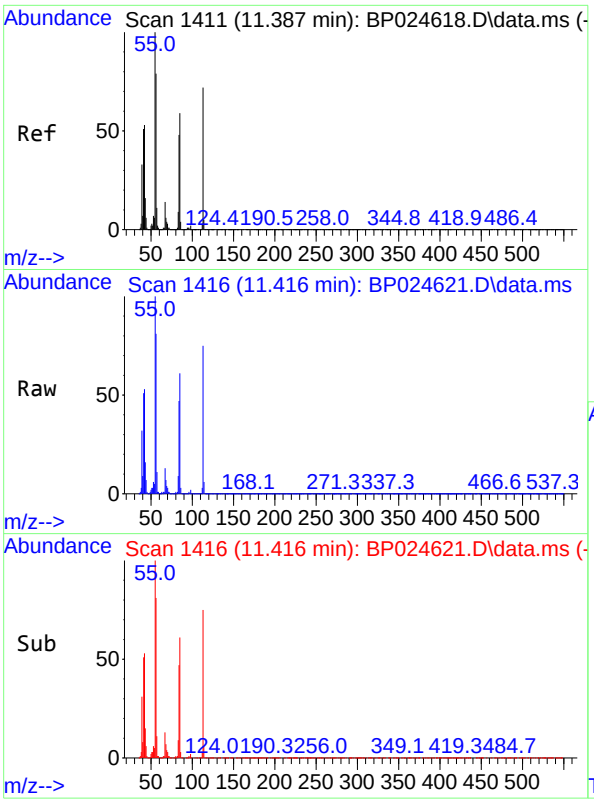


#34
Hexachlorobutadiene
Concen: 77.35 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:225 Resp: 481140

Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	63.8	53.1	79.7



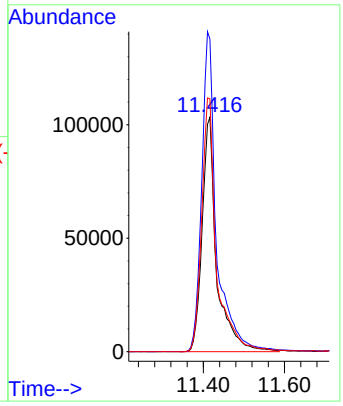


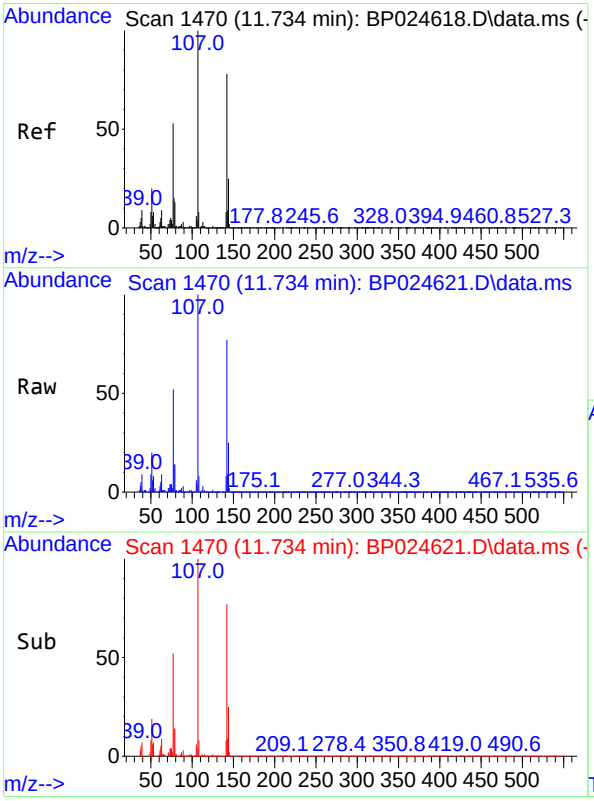
#35
Caprolactam
Concen: 83.50 ng
RT: 11.416 min Scan# 14
Delta R.T. 0.029 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 257252

Ion	Ratio	Lower	Upper
113	100		
55	133.3	119.0	159.0
56	107.8	90.3	130.3

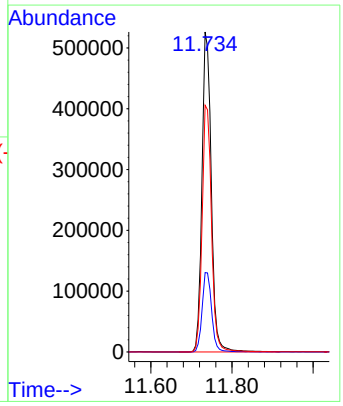


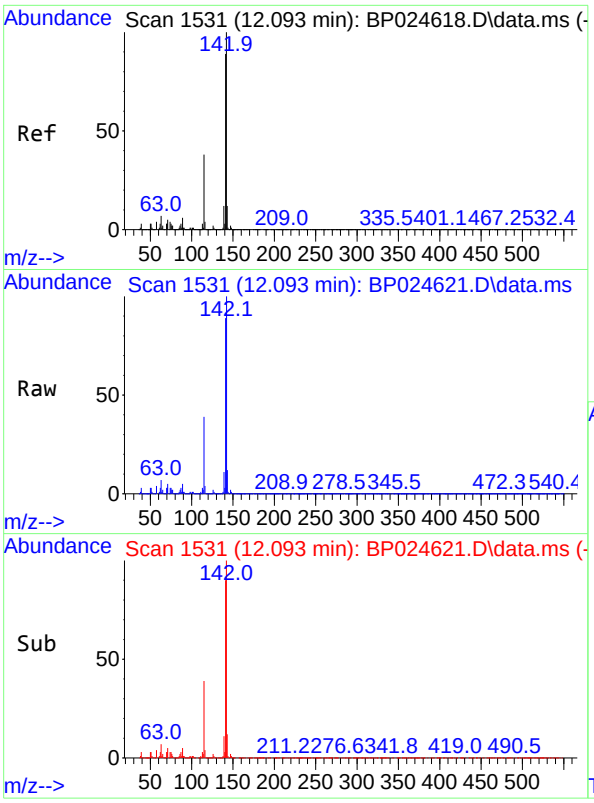


#36
4-Chloro-3-methylphenol
Concen: 80.74 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:107 Resp: 838983

Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.1	30.1
142	77.1	62.1	93.1



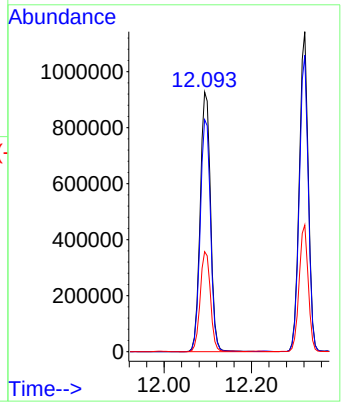


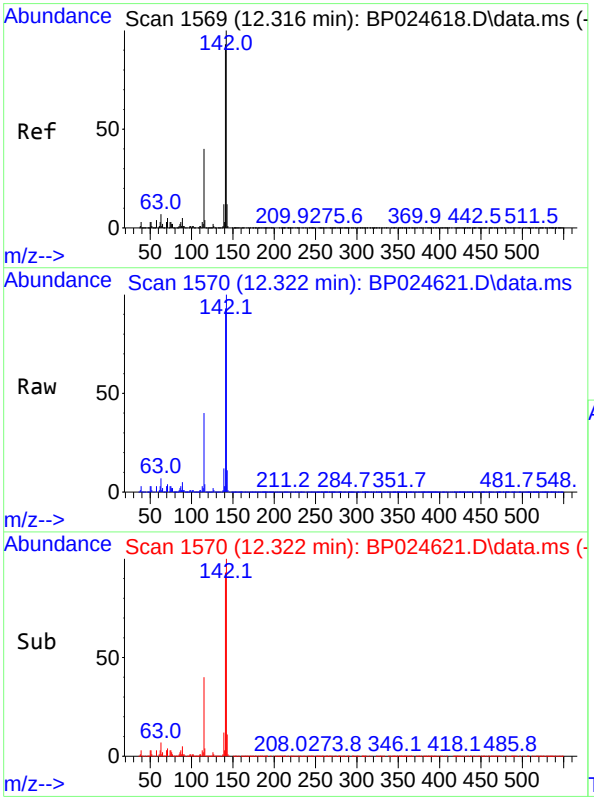
#37
2-Methylnaphthalene
Concen: 78.01 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 1529445

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.2	106.8
115	38.5	30.6	46.0

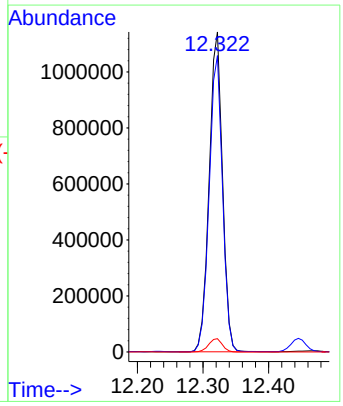


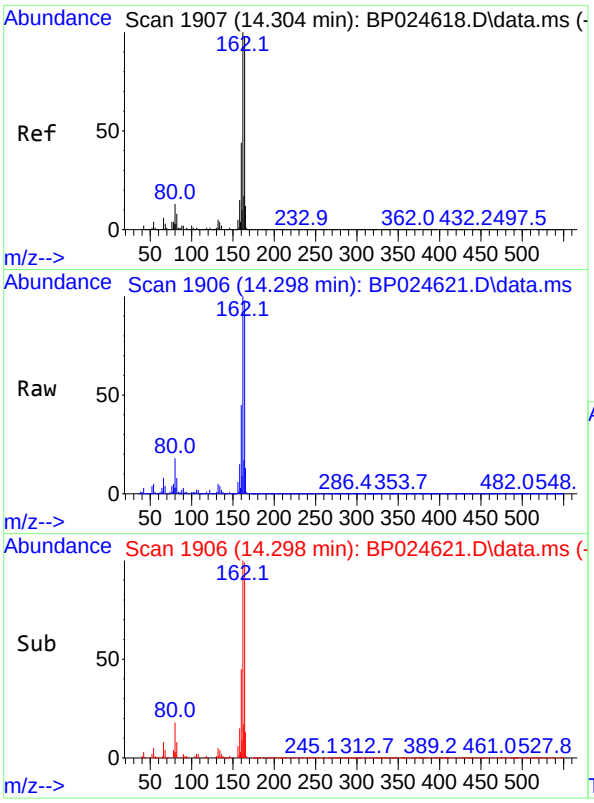


#38
1-Methylnaphthalene
Concen: 76.92 ng
RT: 12.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:142 Resp: 1613775

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.7	112.1
116	4.1	3.4	5.2



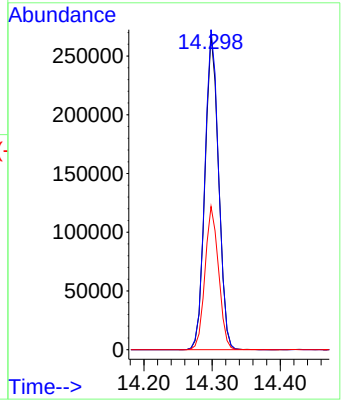


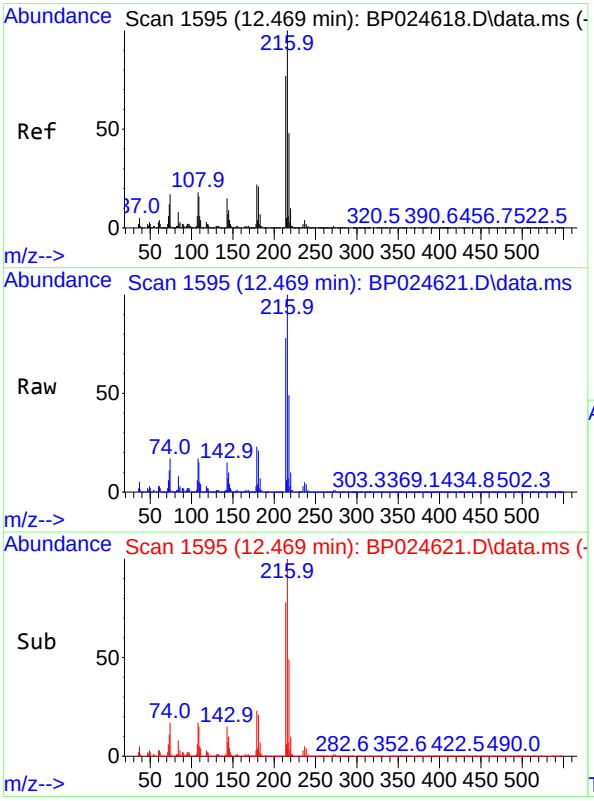
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.298 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 373575

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.6
160	45.5	36.3	54.5

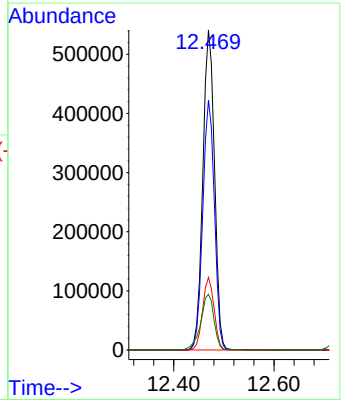


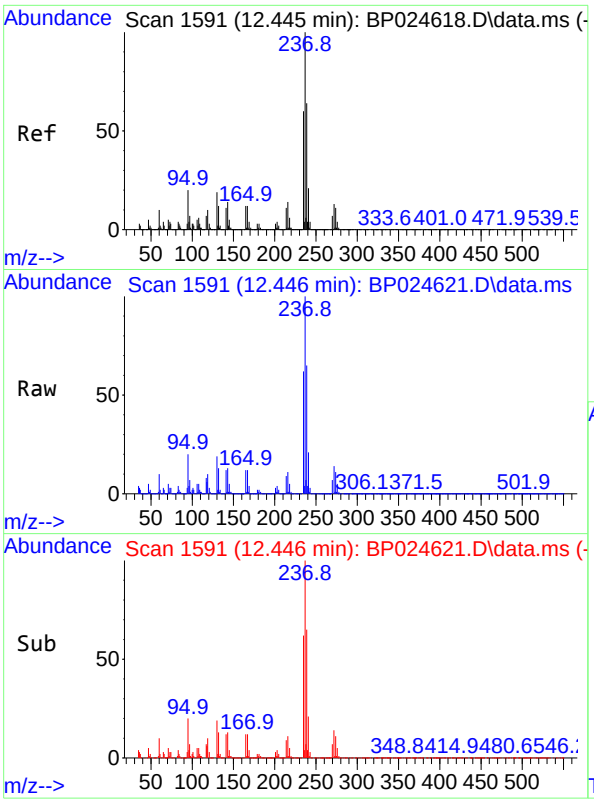


#40
1,2,4,5-Tetrachlorobenzene
Concen: 80.73 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:216 Resp: 875750

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.3	93.5
179	22.4	17.7	26.5
108	19.6	16.0	24.0



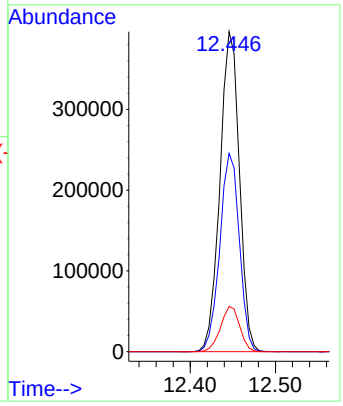


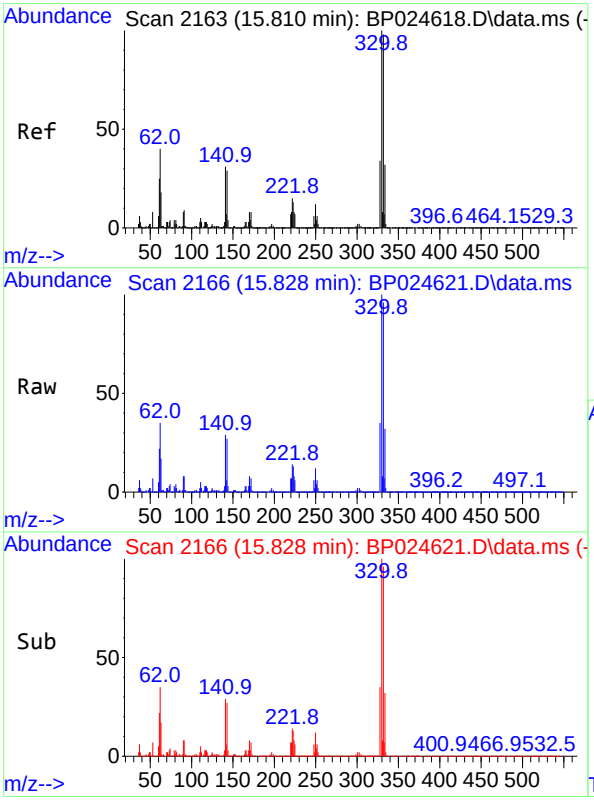
#41
Hexachlorocyclopentadiene
Concen: 95.54 ng
RT: 12.446 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 628436

Ion	Ratio	Lower	Upper
237	100		
235	61.9	39.9	79.9
272	14.1	0.0	33.2

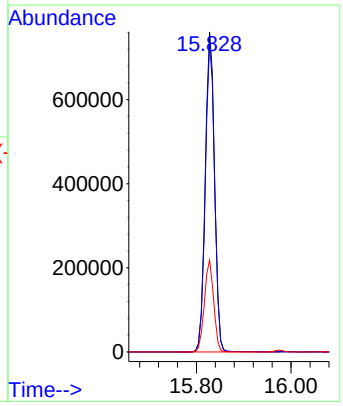


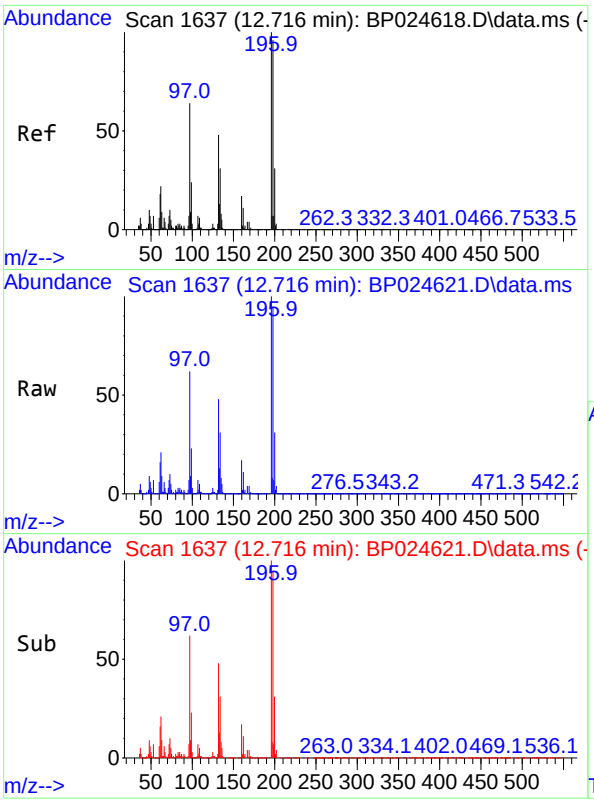


#42
2,4,6-Tribromophenol
Concen: 163.05 ng
RT: 15.828 min Scan# 2166
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:330 Resp: 1032638

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.4
141	28.8	24.3	36.5



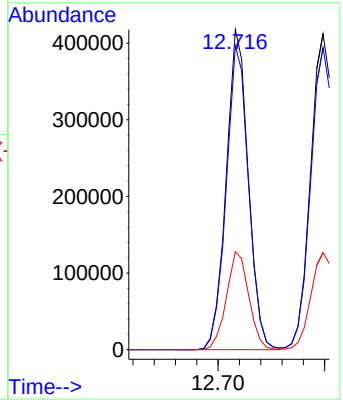


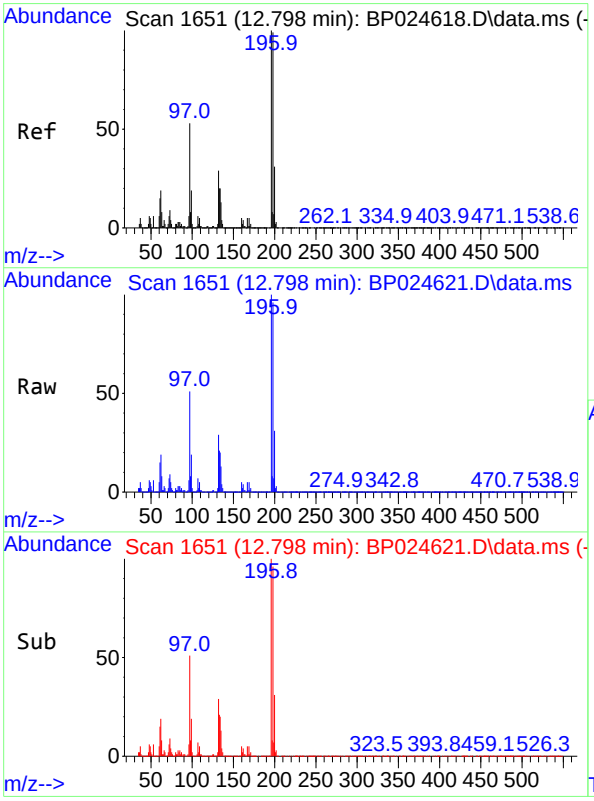
#43
2,4,6-Trichlorophenol
Concen: 85.58 ng
RT: 12.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 601332

Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.9	115.3
200	30.6	25.2	37.8

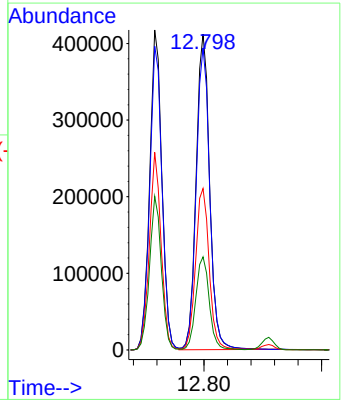


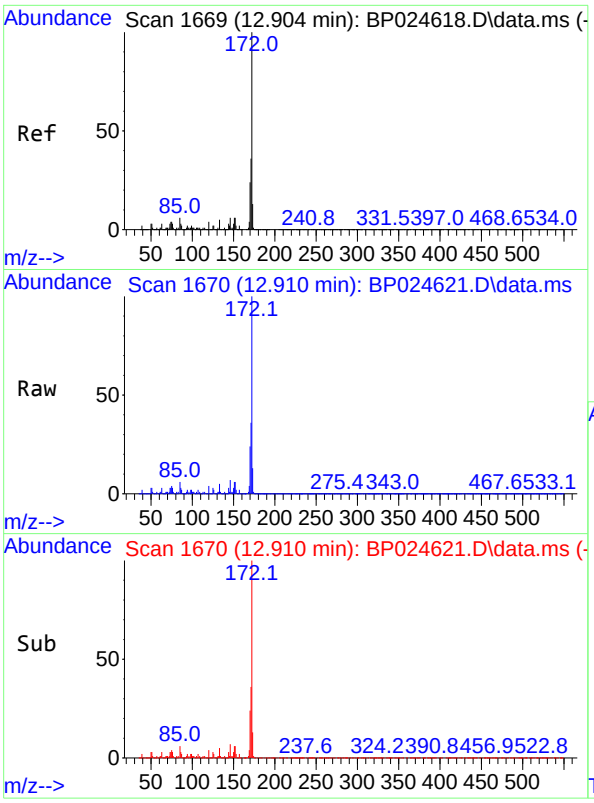


#44
2,4,5-Trichlorophenol
Concen: 84.05 ng
RT: 12.798 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:196 Resp: 657399

Ion	Ratio	Lower	Upper
196	100		
198	95.7	79.2	118.8
97	51.1	42.3	63.5
132	29.5	23.3	34.9



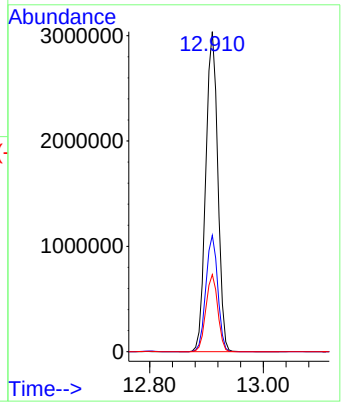


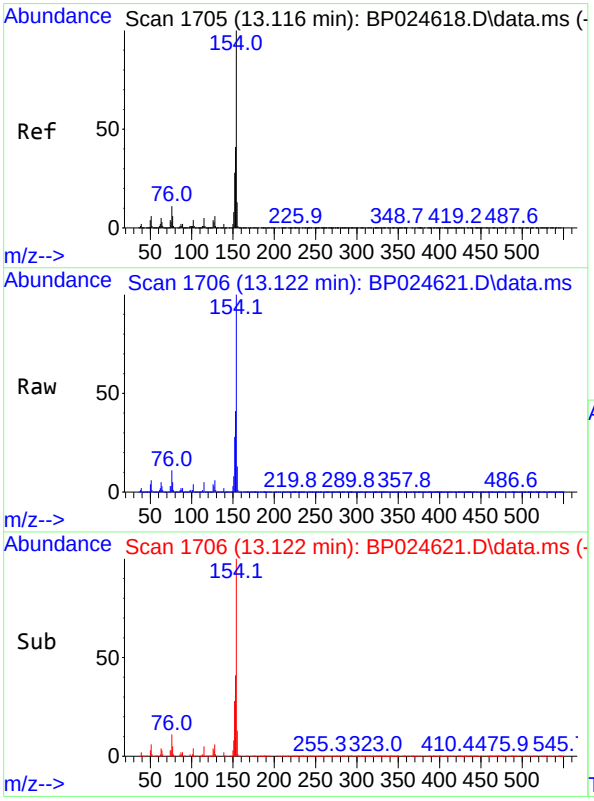
#45
2-Fluorobiphenyl
Concen: 155.65 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 4438179

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.8	43.2
170	24.1	18.8	28.2

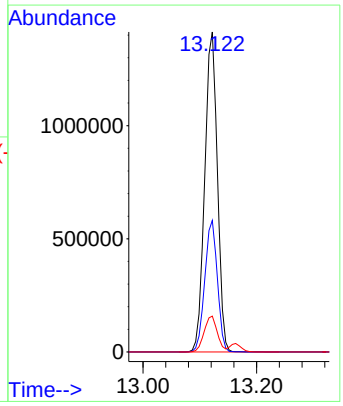


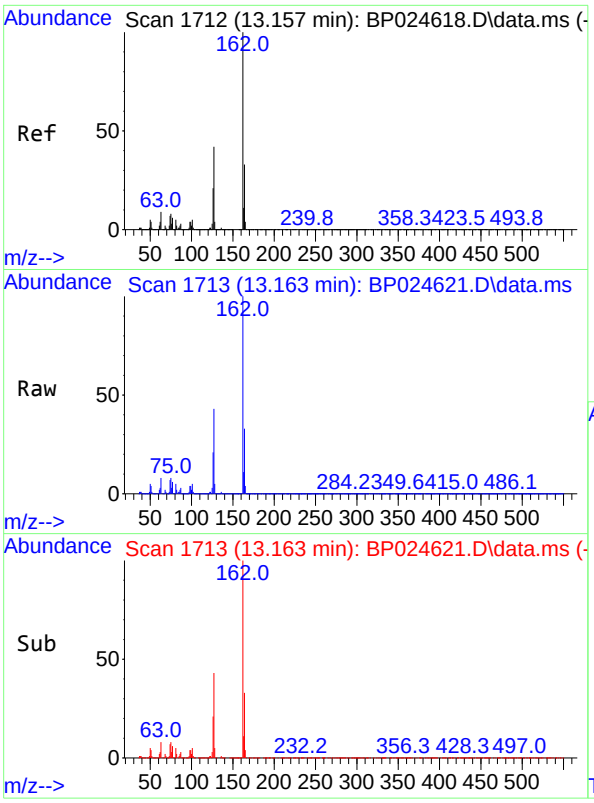


#46
1,1'-Biphenyl
Concen: 78.79 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:154 Resp: 2175624

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.0	61.0
76	11.2	0.0	31.5



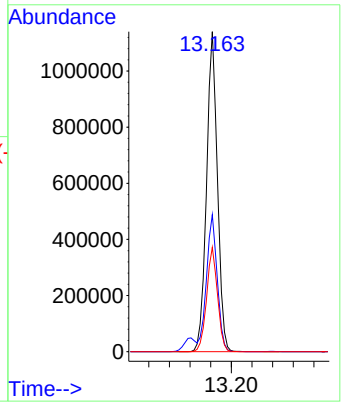


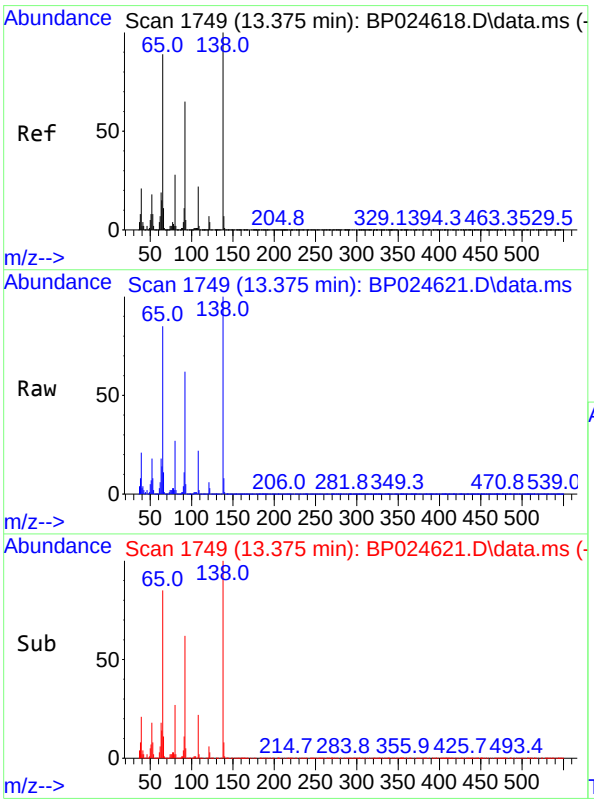
#47
2-Chloronaphthalene
Concen: 78.99 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1662979

Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.8	50.6
164	32.6	26.0	39.0

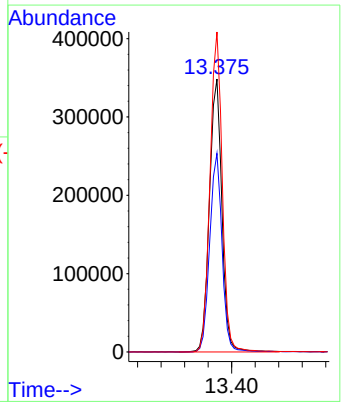


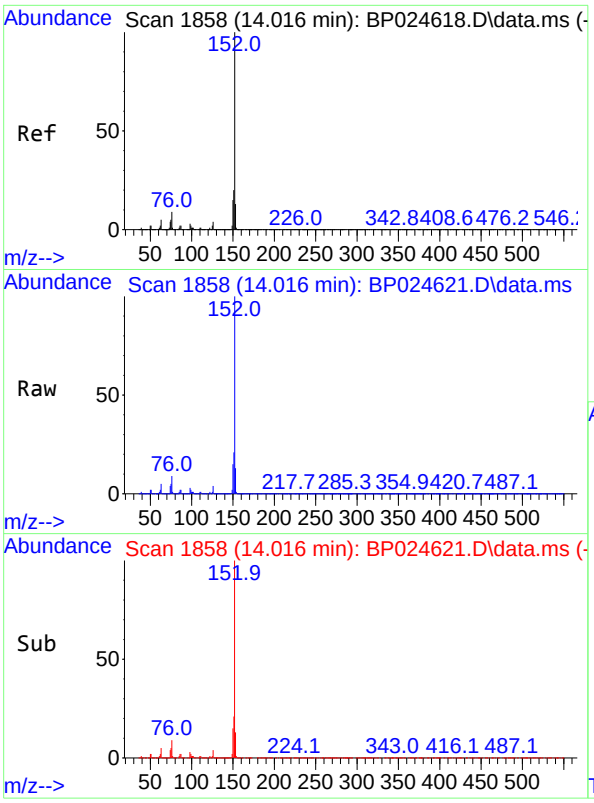


#48
2-Nitroaniline
Concen: 82.22 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 65 Resp: 512458

Ion	Ratio	Lower	Upper
65	100		
92	72.7	58.7	88.1
138	117.2	90.2	135.2



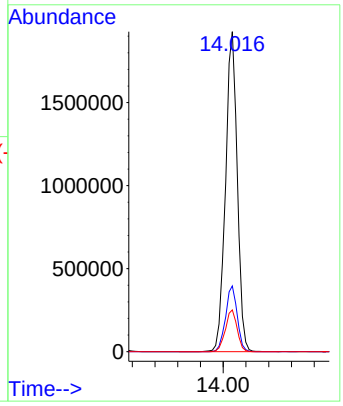


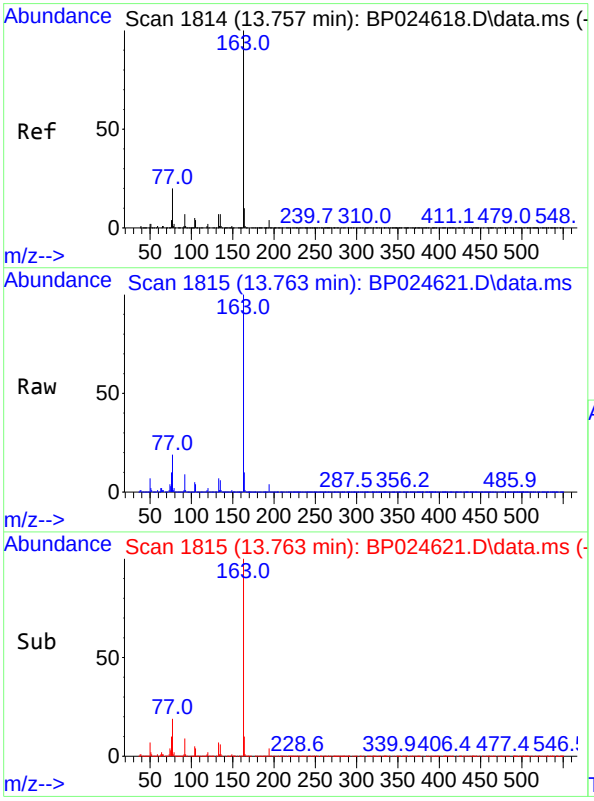
#49
Acenaphthylene
Concen: 78.73 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 2773742

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.1	10.2	15.4

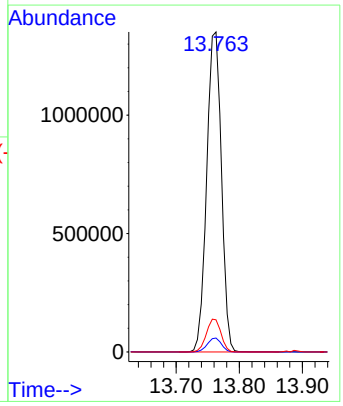


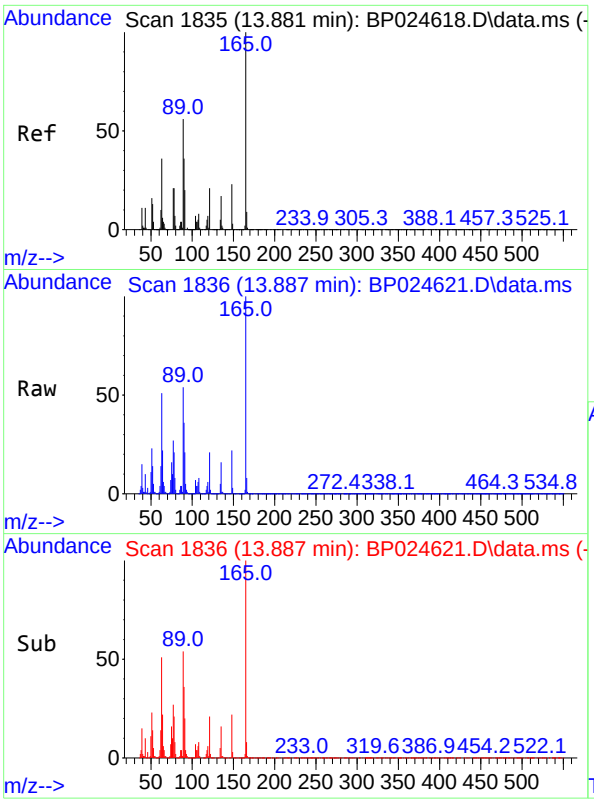


#50
Dimethylphthalate
Concen: 76.64 ng
RT: 13.763 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:163 Resp: 2182359

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.0	8.1	12.1



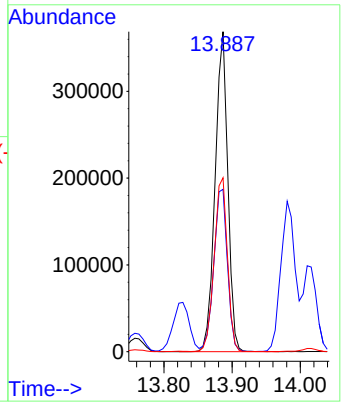


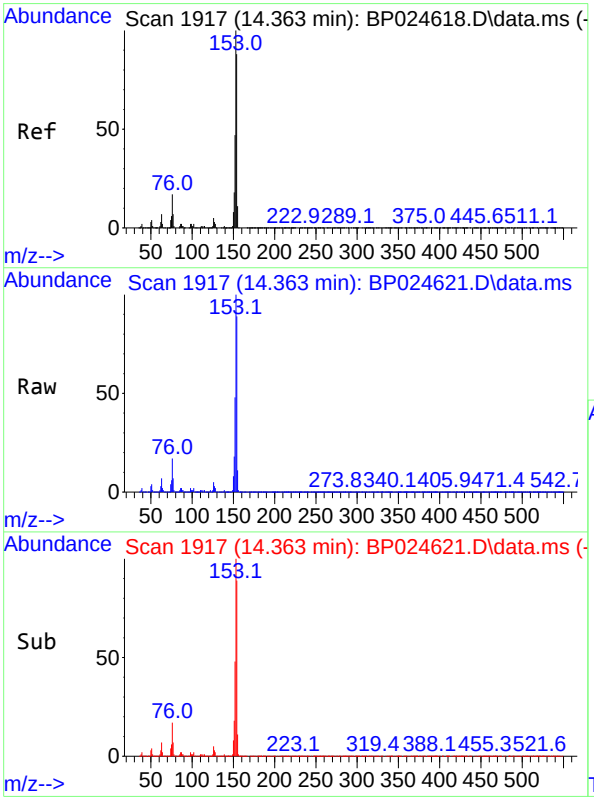
#51
2,6-Dinitrotoluene
Concen: 79.26 ng
RT: 13.887 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 476606

Ion	Ratio	Lower	Upper
165	100		
63	50.8	42.4	63.6
89	54.4	44.8	67.2

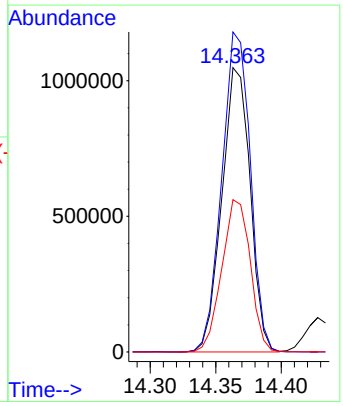


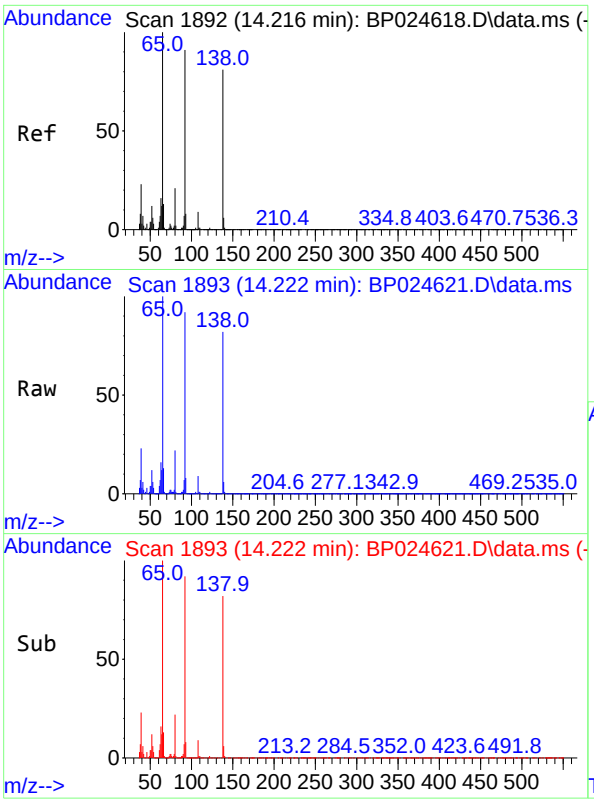


#52
Acenaphthene
Concen: 77.62 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:154 Resp: 1572103

Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.0	136.4
152	53.6	42.9	64.3



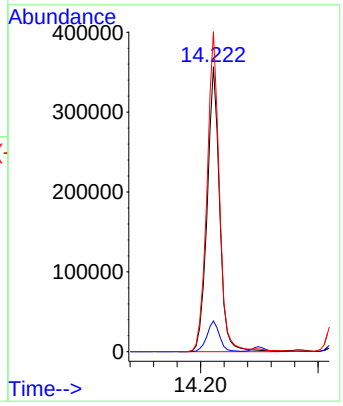


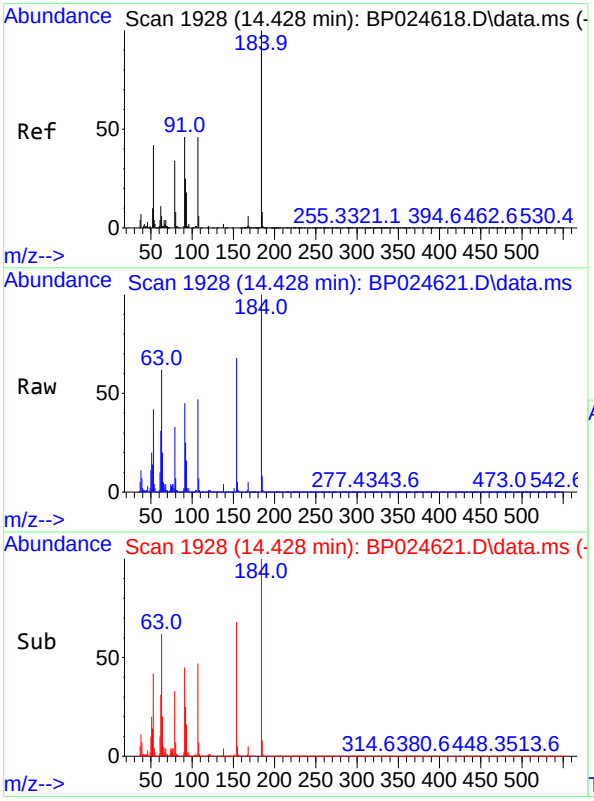
#53
3-Nitroaniline
Concen: 85.15 ng
RT: 14.222 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 522849

Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.0	13.4
92	112.3	90.1	135.1

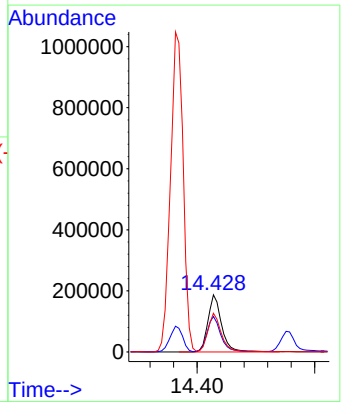


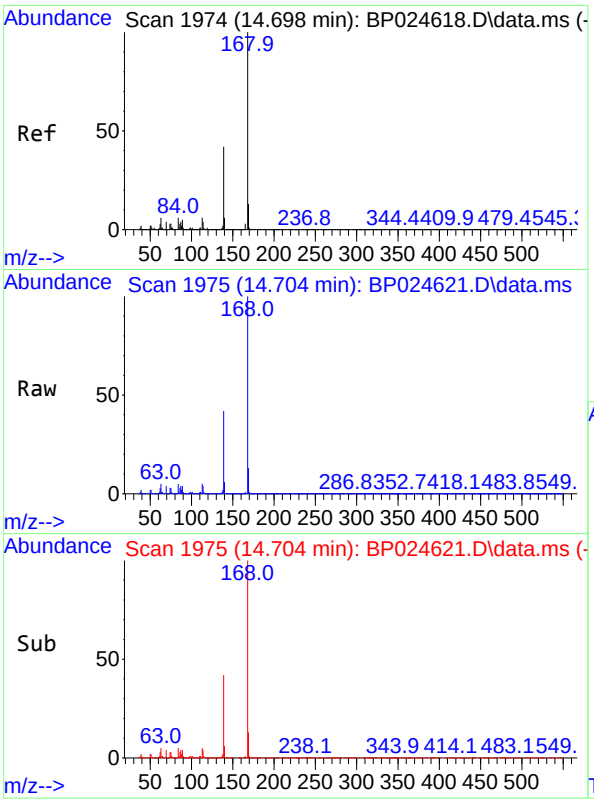


#54
2,4-Dinitrophenol
Concen: 79.29 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:184 Resp: 300458

Ion	Ratio	Lower	Upper
184	100		
63	62.1	51.3	76.9
154	67.9	53.5	80.3



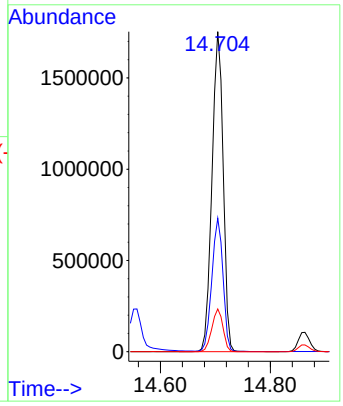


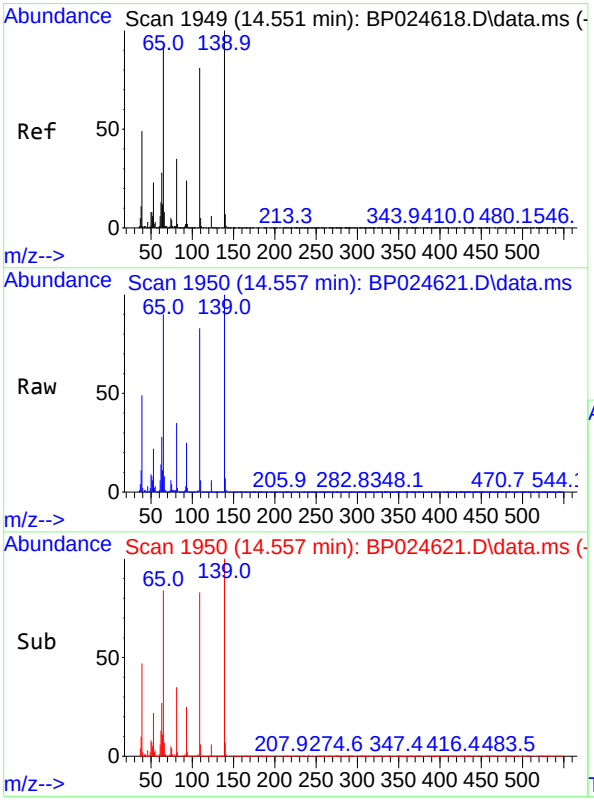
#55
Dibenzofuran
Concen: 76.68 ng
RT: 14.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 2477374

Ion	Ratio	Lower	Upper
168	100		
139	41.7	34.2	51.4
169	13.4	10.8	16.2

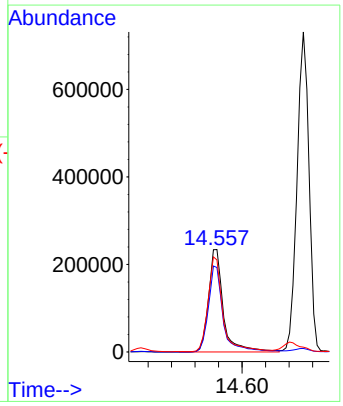


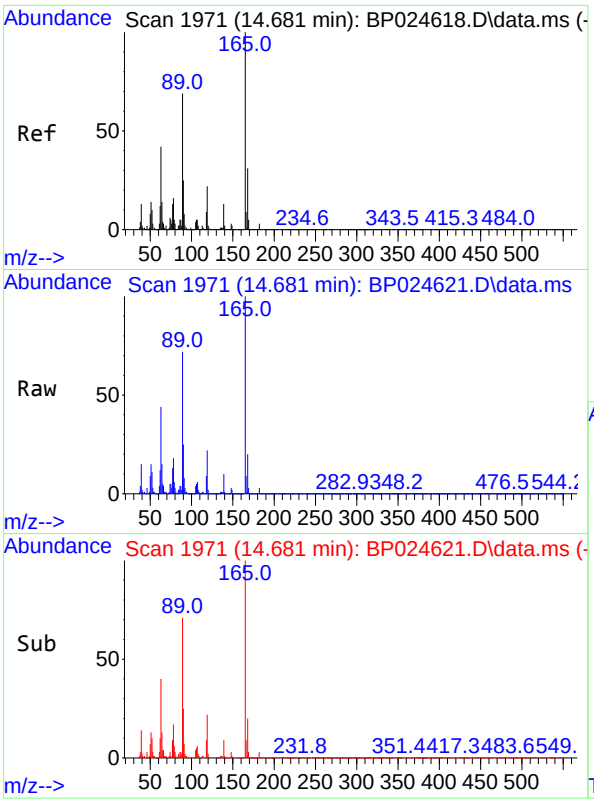


#56
4-Nitrophenol
Concen: 77.27 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:139 Resp: 409954

Ion	Ratio	Lower	Upper
139	100		
109	82.6	61.4	101.4
65	89.8	72.2	112.2



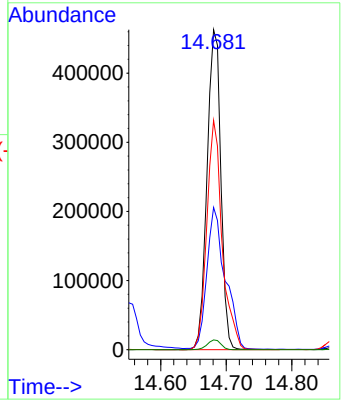


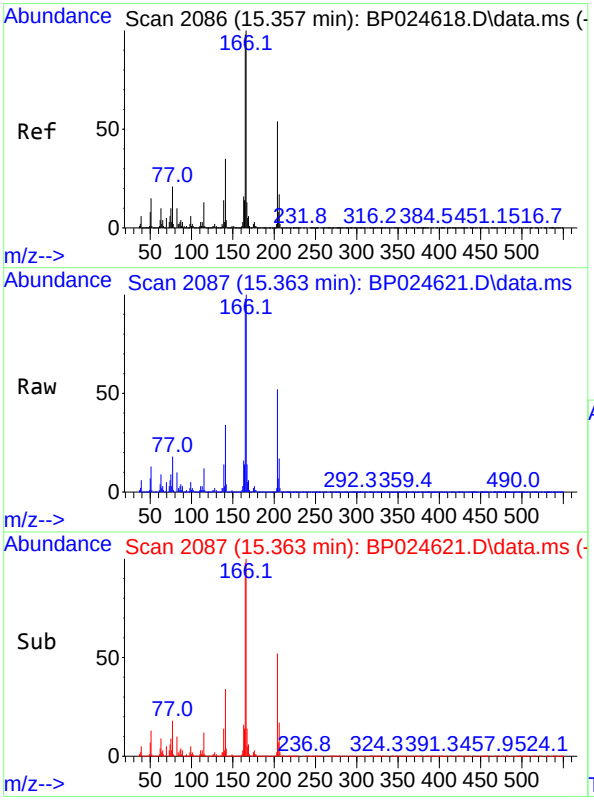
#57
2,4-Dinitrotoluene
Concen: 80.01 ng
RT: 14.681 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 678287

Ion	Ratio	Lower	Upper
165	100		
63	44.4	33.8	50.6
89	71.6	55.6	83.4
182	3.1	2.4	3.6

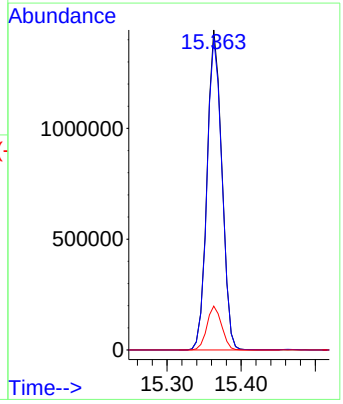


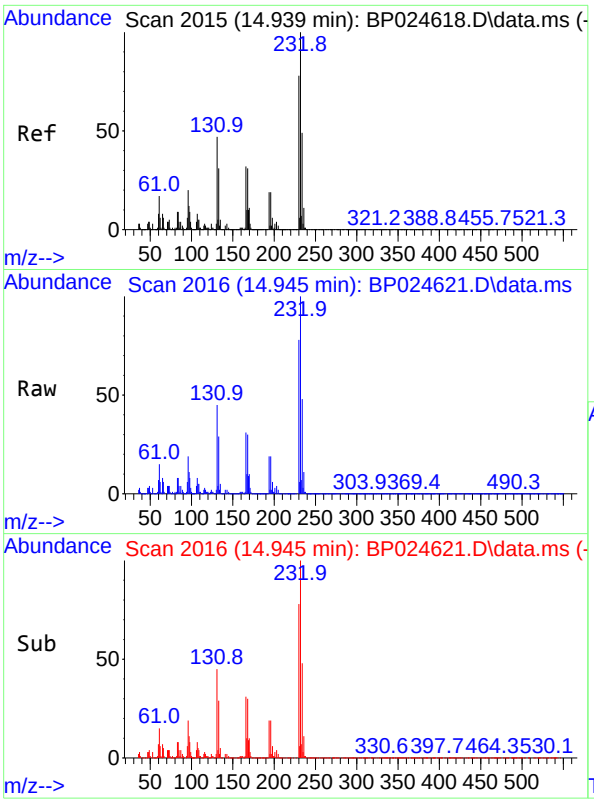


#58
Fluorene
Concen: 76.06 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:166 Resp: 2003709

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.5	117.7
167	13.7	10.7	16.1



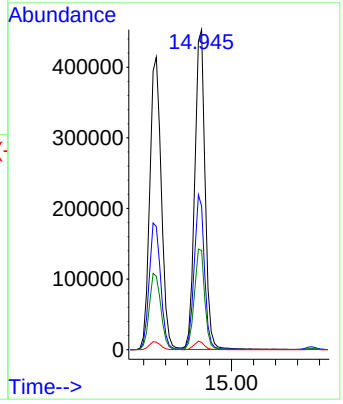


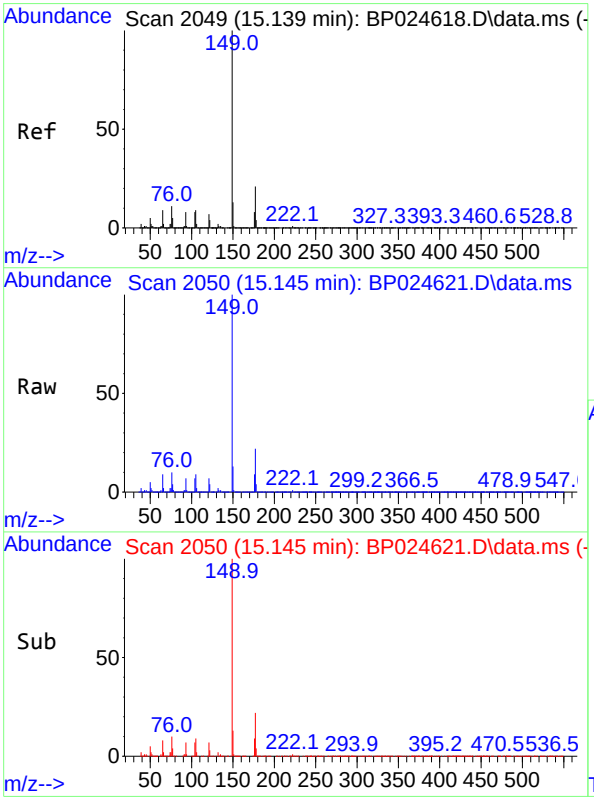
#59
2,3,4,6-Tetrachlorophenol
Concen: 81.17 ng
RT: 14.945 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 588947

Ion	Ratio	Lower	Upper
232	100		
131	48.1	39.5	59.3
130	2.6	2.2	3.4
166	31.4	25.7	38.5

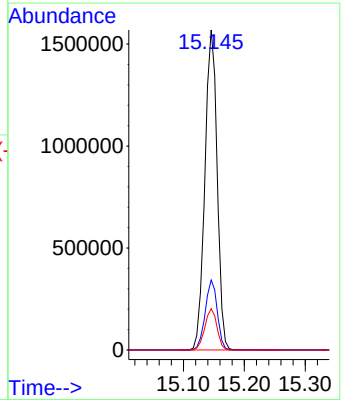


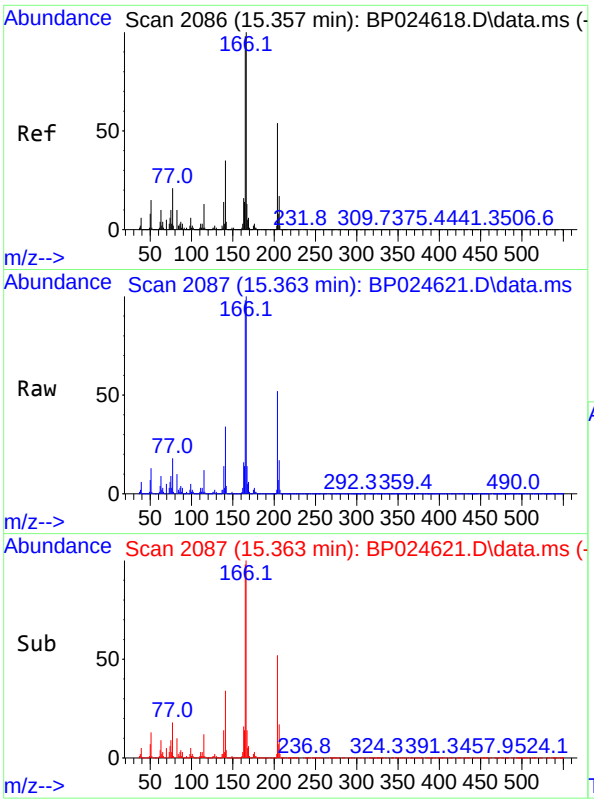


#60
Diethylphthalate
Concen: 76.22 ng
RT: 15.145 min Scan# 2050
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 2193488

Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.7	25.1
150	12.9	10.2	15.2



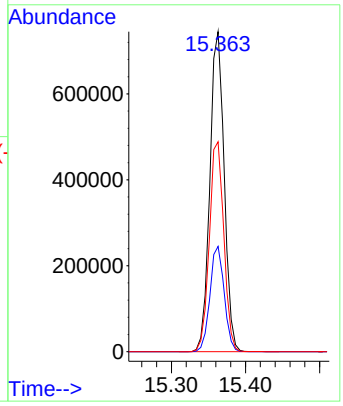


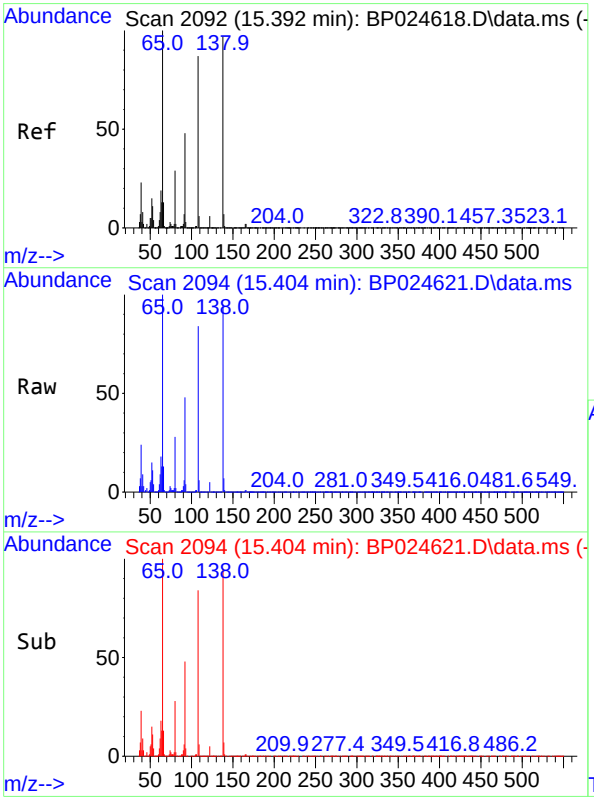
#61
4-Chlorophenyl-phenylether
Concen: 75.96 ng
RT: 15.363 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 997863

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.0	39.0
141	65.6	52.9	79.3

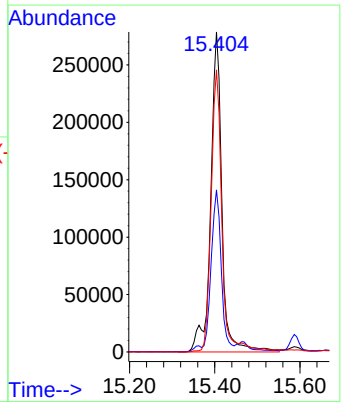


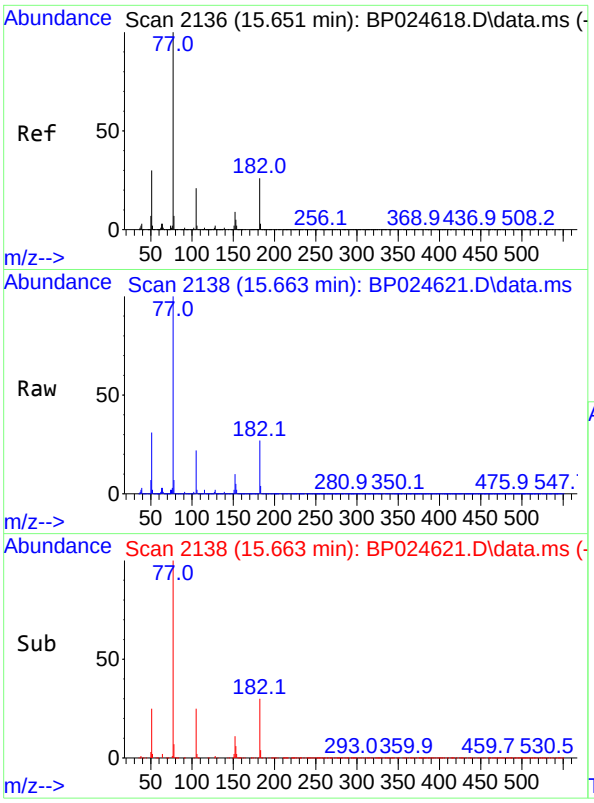


#62
4-Nitroaniline
Concen: 85.24 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:138 Resp: 509582

Ion	Ratio	Lower	Upper
138	100		
92	50.6	29.2	69.2
108	88.2	69.0	109.0



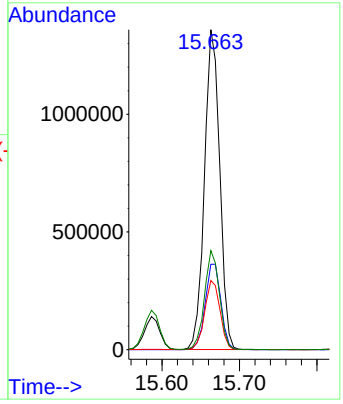


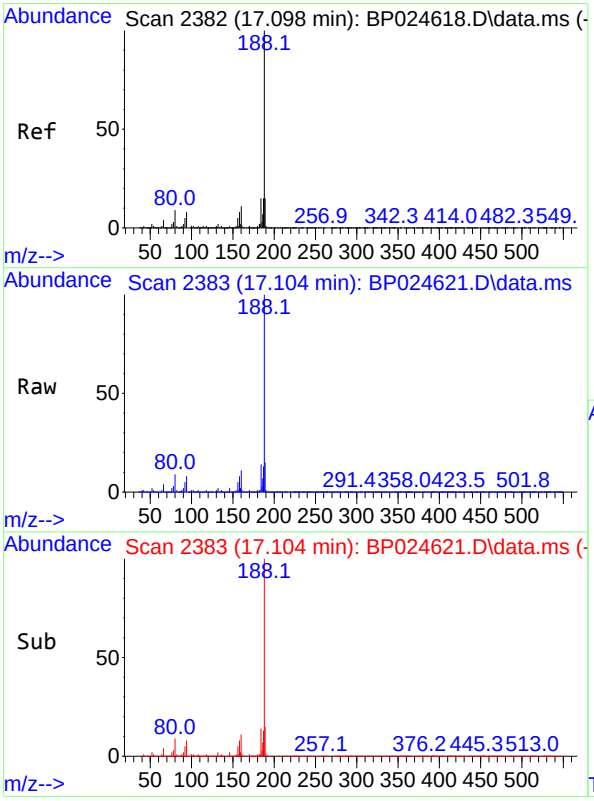
#63
Azobenzene
Concen: 75.47 ng
RT: 15.663 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 1858146

Ion	Ratio	Lower	Upper
77	100		
182	26.7	5.7	45.7
105	21.6	1.3	41.3
51	30.9	10.6	50.6

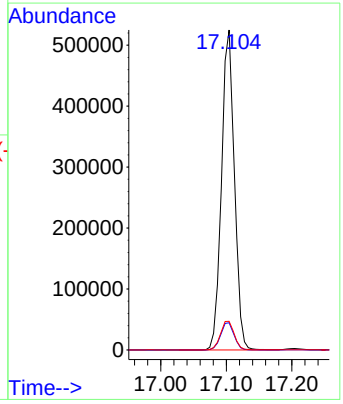


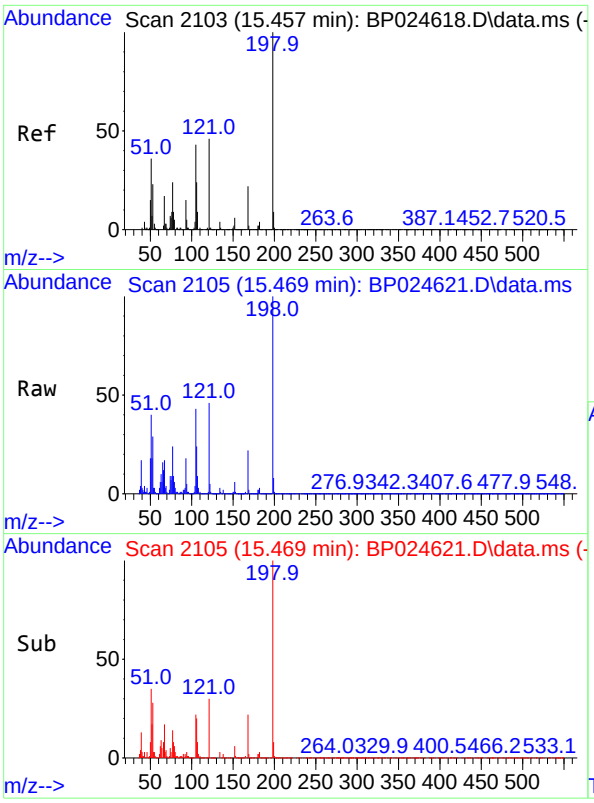


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:188 Resp: 713479

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.5	9.7
80	9.0	7.3	10.9



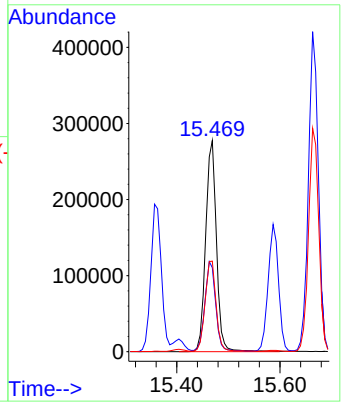


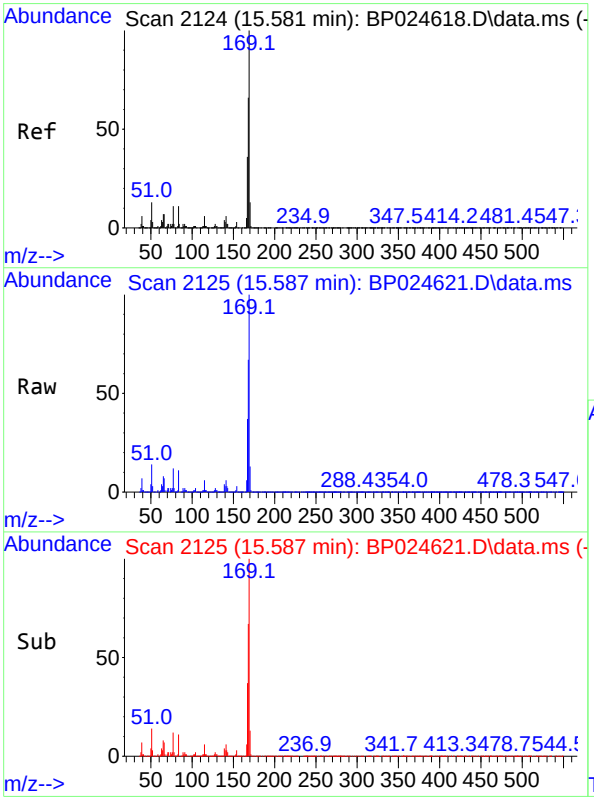
#65
4,6-Dinitro-2-methylphenol
Concen: 87.01 ng
RT: 15.469 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 401011

Ion	Ratio	Lower	Upper
198	100		
51	39.8	21.1	61.1
105	42.9	23.6	63.6

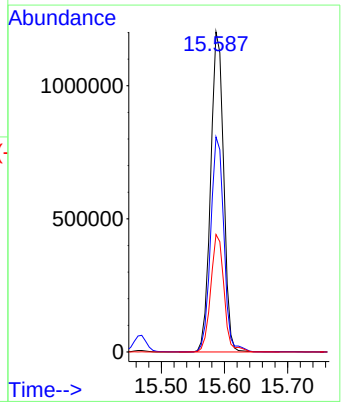


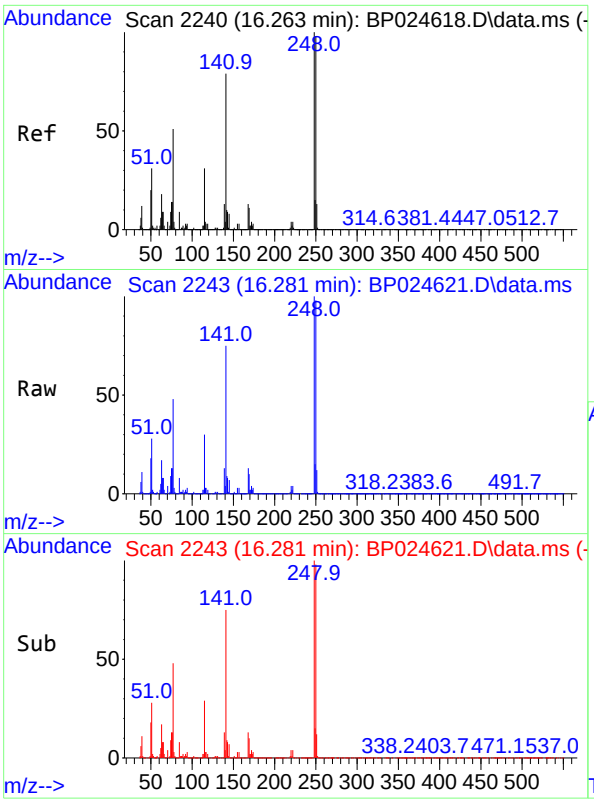


#66
n-Nitrosodiphenylamine
Concen: 78.10 ng
RT: 15.587 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:169 Resp: 1711679

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.2	79.8
167	36.7	28.6	43.0



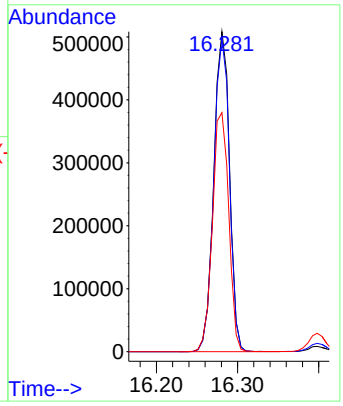


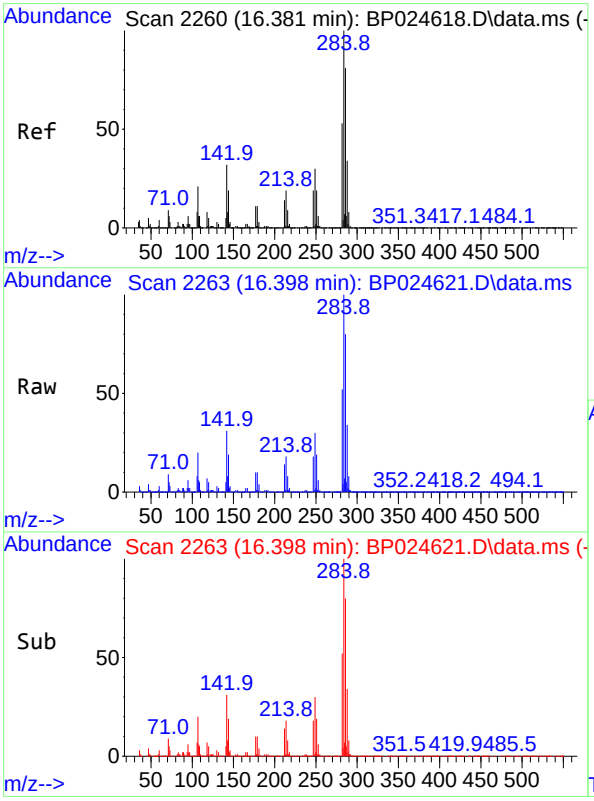
#67
4-Bromophenyl-phenylether
Concen: 81.43 ng
RT: 16.281 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 684619

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.2	117.4
141	74.7	63.0	94.6

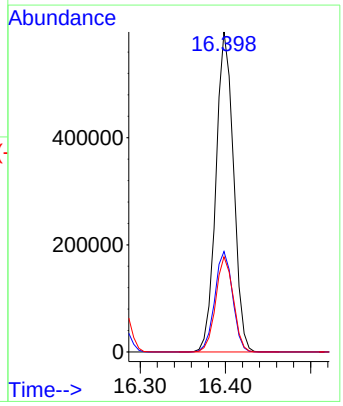


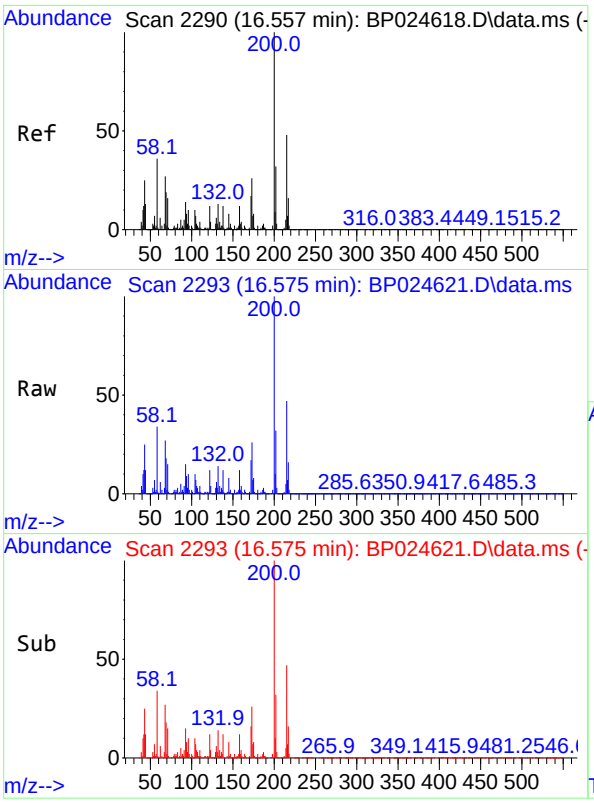


#68
Hexachlorobenzene
Concen: 80.18 ng
RT: 16.398 min Scan# 2263
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:284 Resp: 856547

Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.9	38.9
249	29.7	24.1	36.1



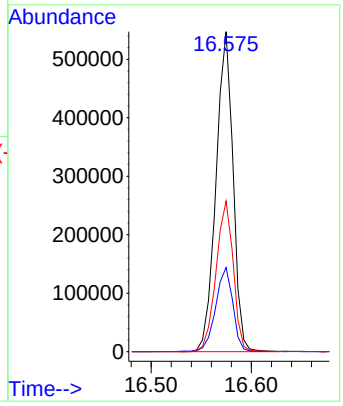


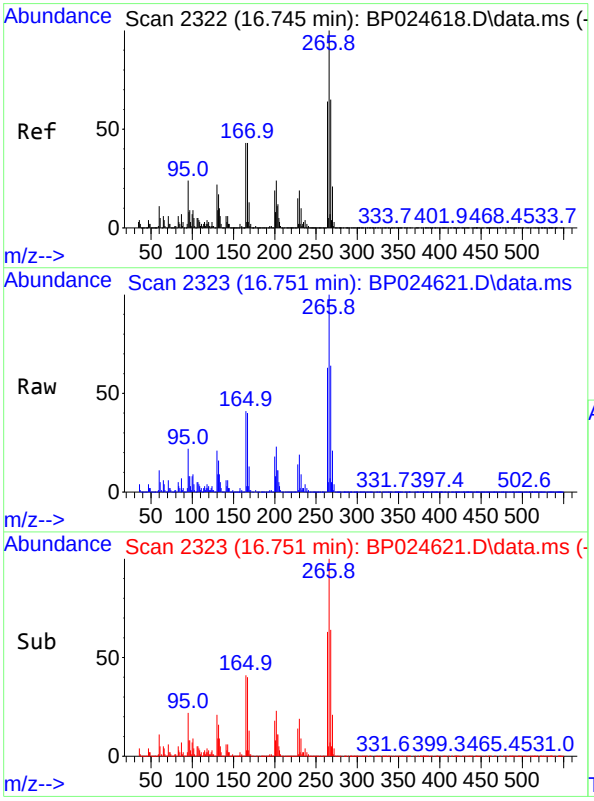
#69
Atrazine
Concen: 80.42 ng
RT: 16.575 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 645877

Ion	Ratio	Lower	Upper
200	100		
173	26.3	5.9	45.9
215	47.1	28.3	68.3

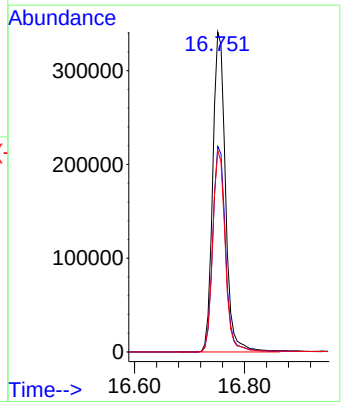


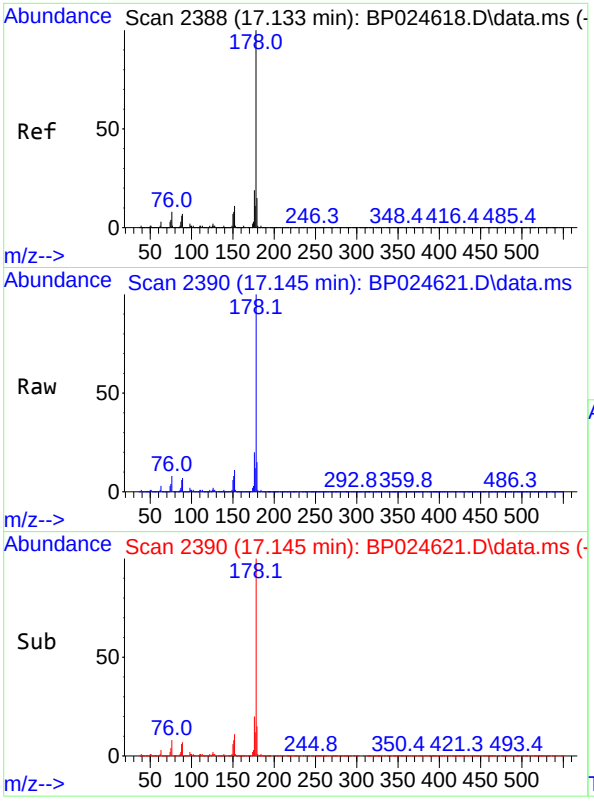


#70
Pentachlorophenol
Concen: 91.41 ng
RT: 16.751 min Scan# 2323
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:266 Resp: 548492

Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.2	78.4
264	62.9	51.1	76.7



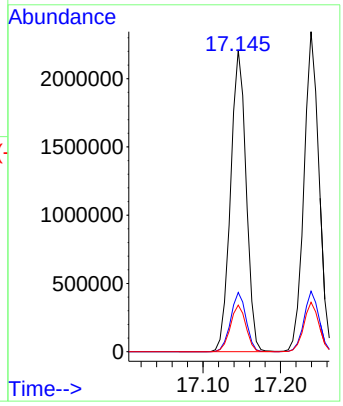


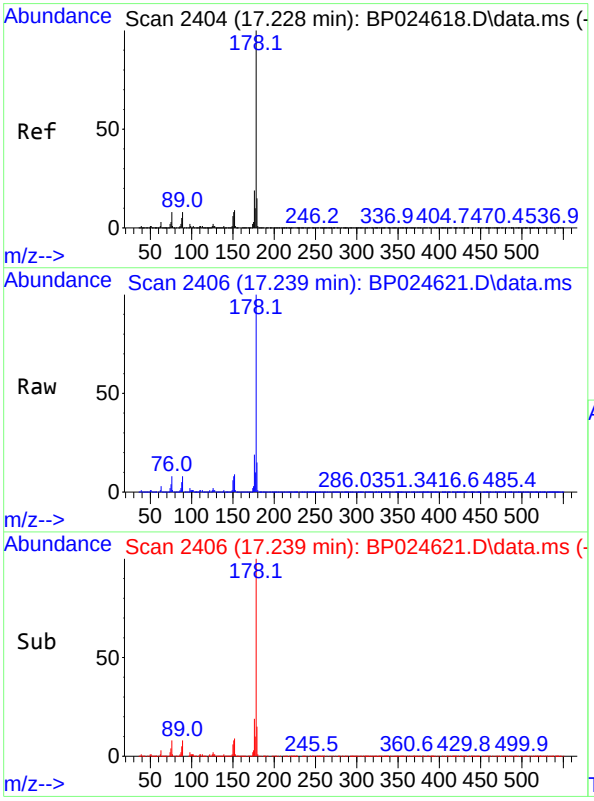
#71
Phenanthrene
Concen: 77.95 ng
RT: 17.145 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 3091665

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.4	12.2	18.4

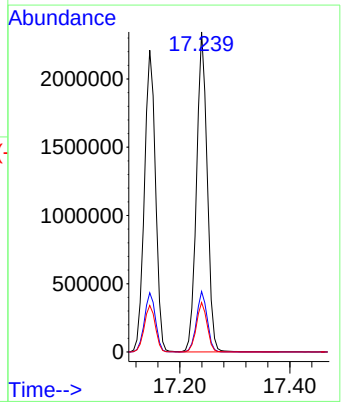


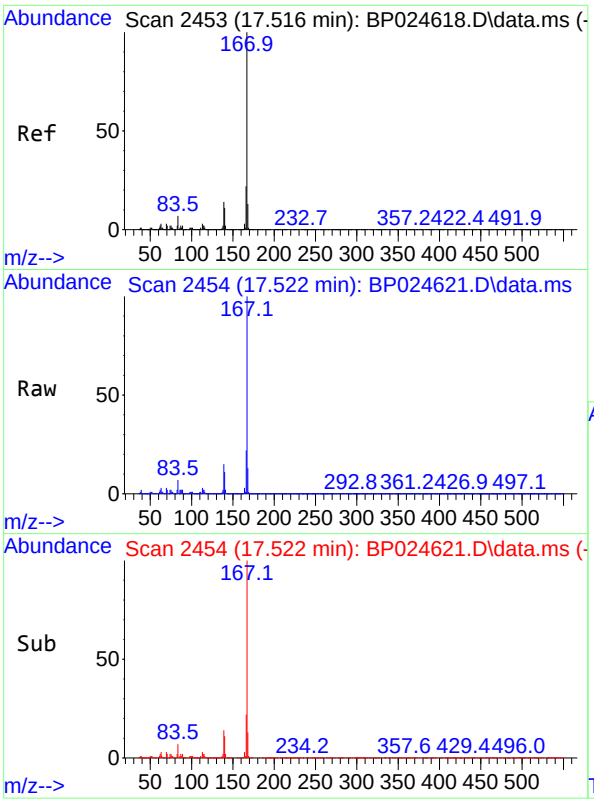


#72
Anthracene
Concen: 79.23 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:178 Resp: 3161669

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.5	12.2	18.2



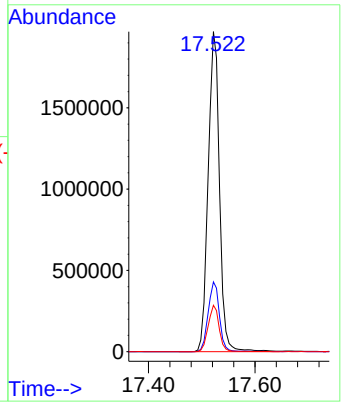


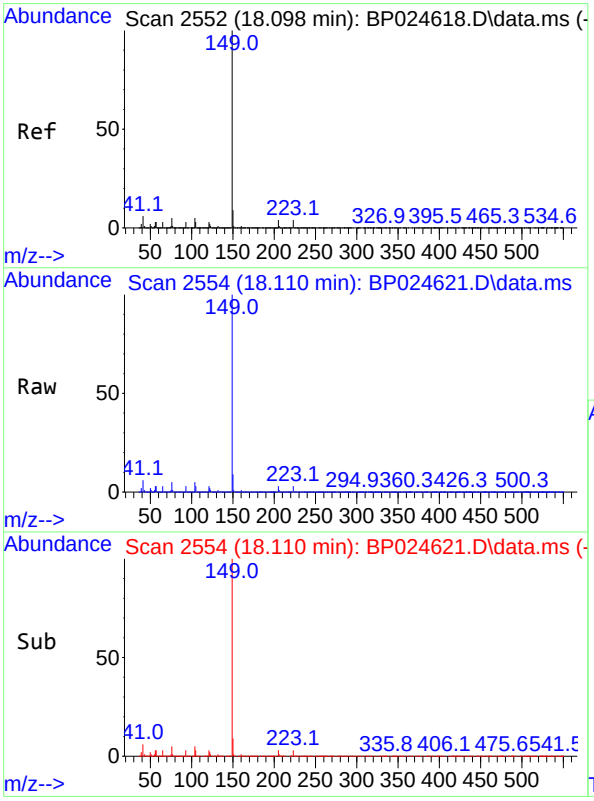
#73
Carbazole
Concen: 80.08 ng
RT: 17.522 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 2892236

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	14.5	11.3	16.9

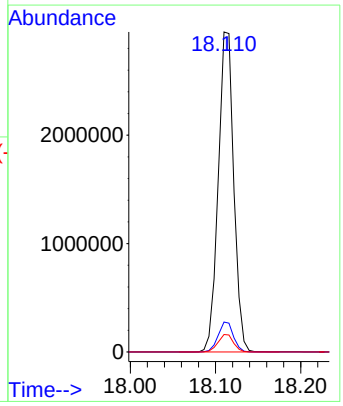


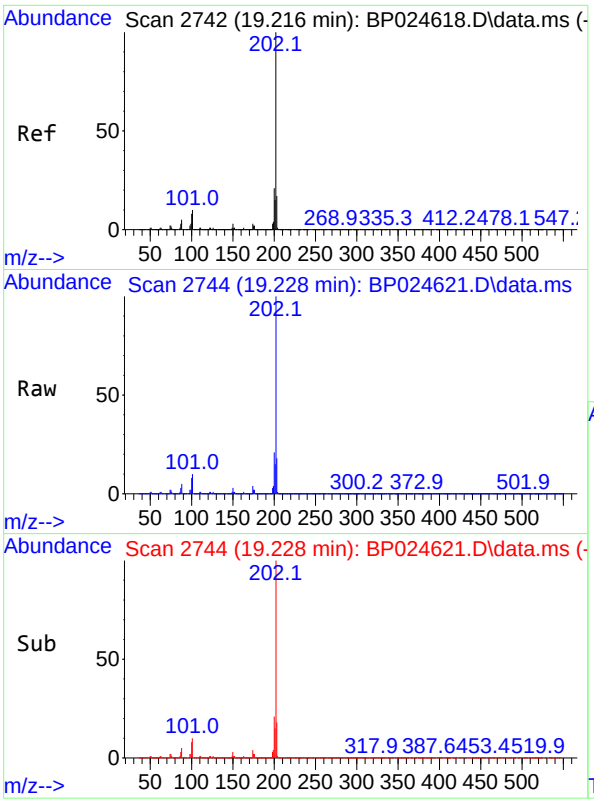


#74
Di-n-butylphthalate
Concen: 80.68 ng
RT: 18.110 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 3747927

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.5	4.3	6.5



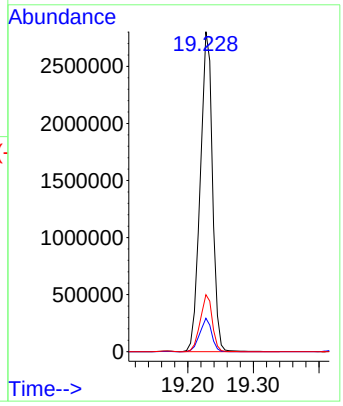


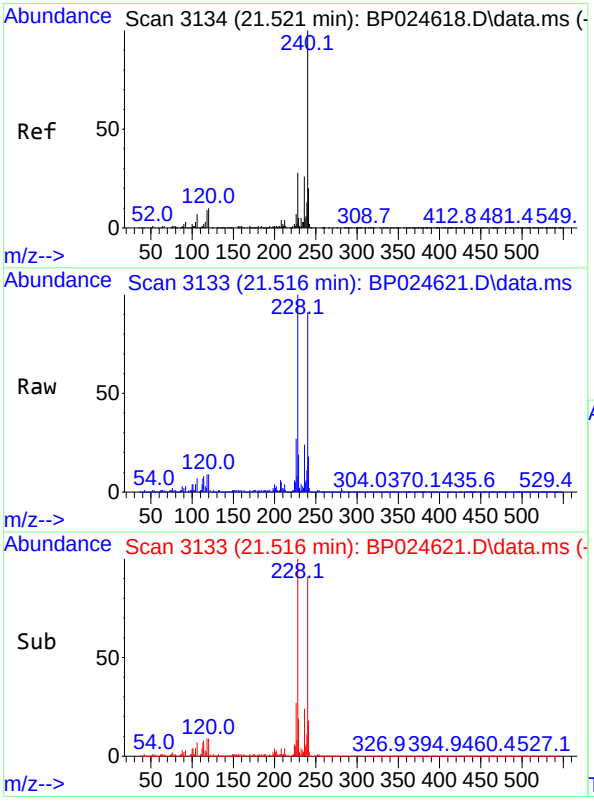
#75
Fluoranthene
Concen: 78.27 ng
RT: 19.228 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 3629085

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
203	17.8	0.0	37.5

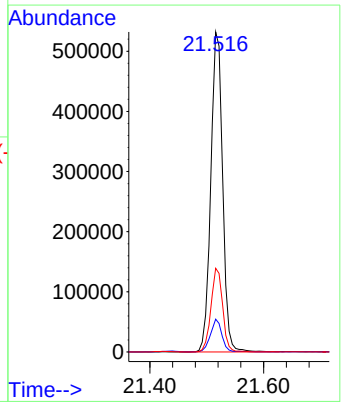


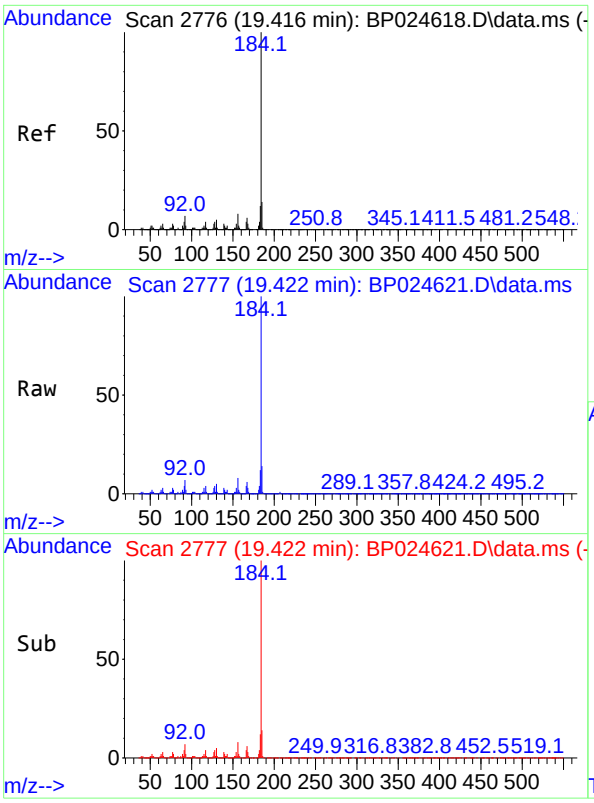


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:240 Resp: 765954

Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.8	11.6
236	26.2	20.6	31.0



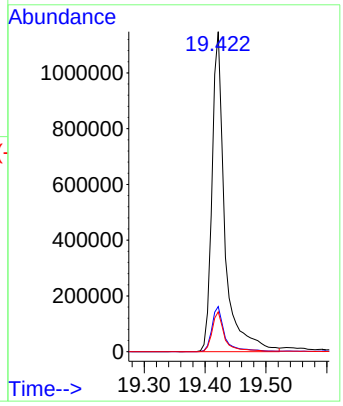


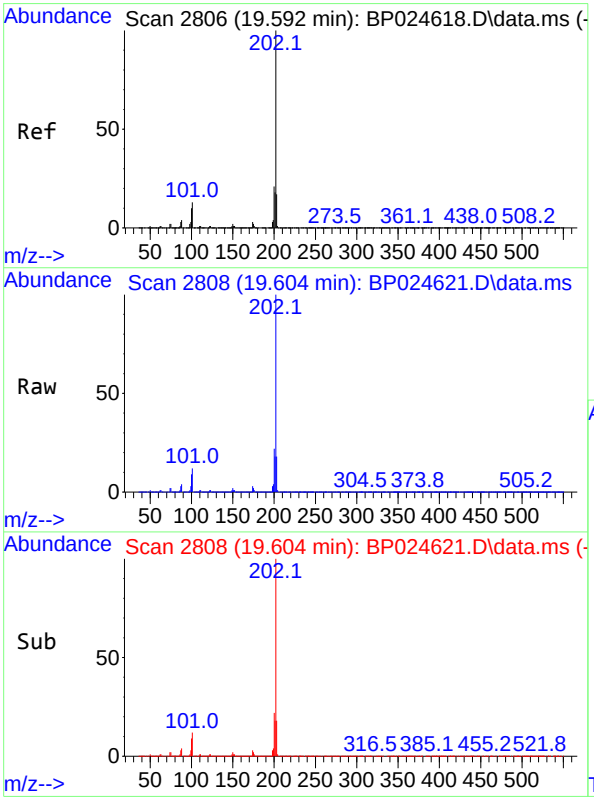
#77
Benzidine
Concen: 79.83 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 1678507

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.2	16.8
183	12.4	9.8	14.8

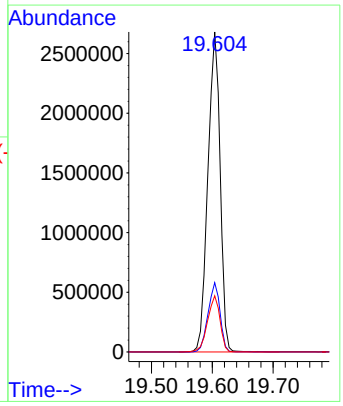


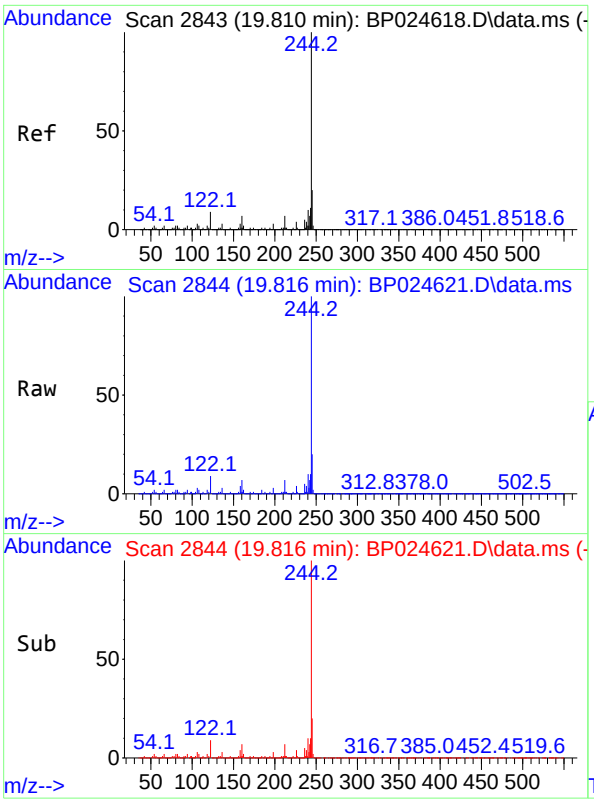


#78
Pyrene
Concen: 81.65 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:202 Resp: 3747276

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.6	13.9	20.9



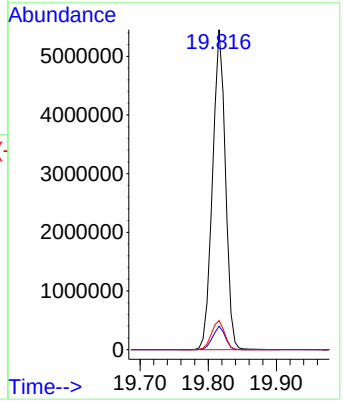


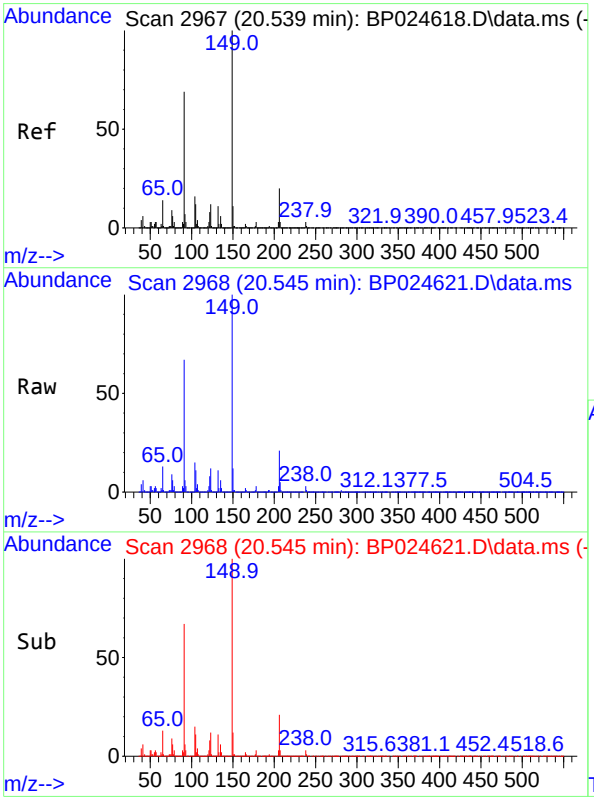
#79
Terphenyl-d14
Concen: 160.11 ng
RT: 19.816 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp: 7152255

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	9.1	7.4	11.0

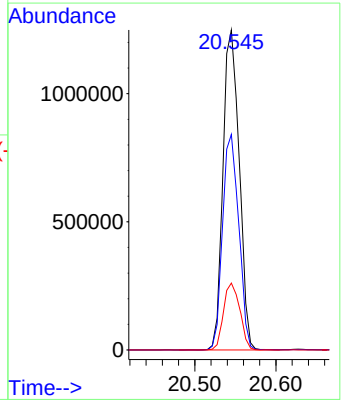


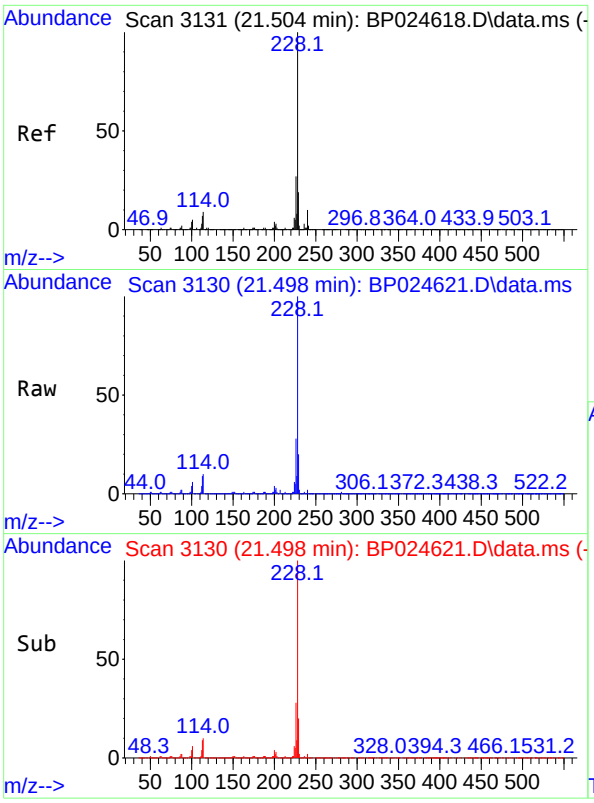


#80
Butylbenzylphthalate
Concen: 85.34 ng
RT: 20.545 min Scan# 2968
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 1741954

Ion	Ratio	Lower	Upper
149	100		
91	67.3	55.4	83.0
206	20.9	16.2	24.2



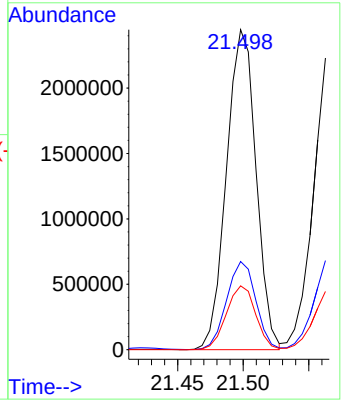


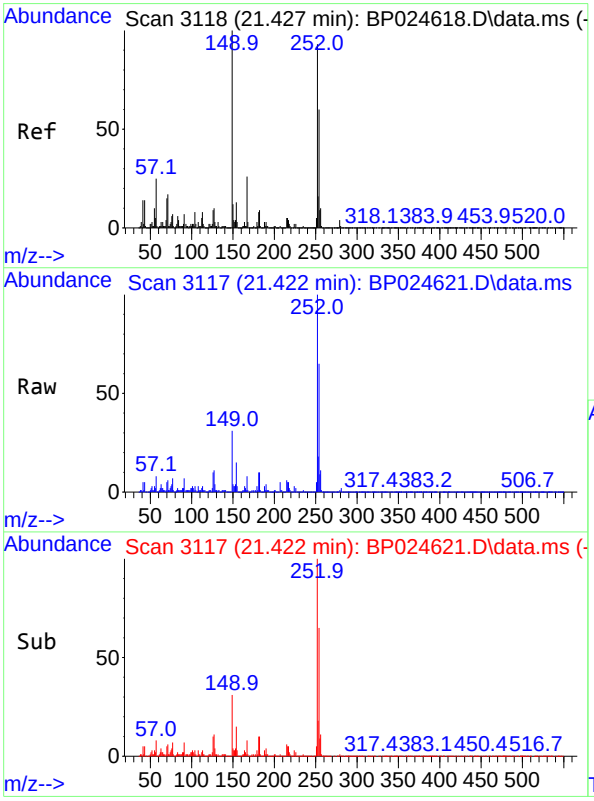
#81
Benzo(a)anthracene
Concen: 79.63 ng
RT: 21.498 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 3829787

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.4	32.0
229	19.9	15.5	23.3

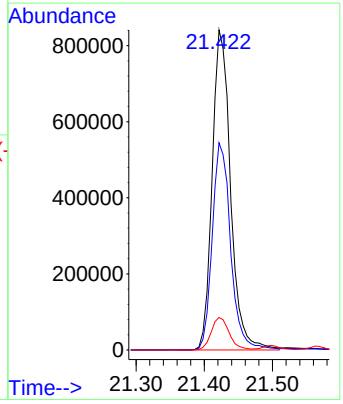


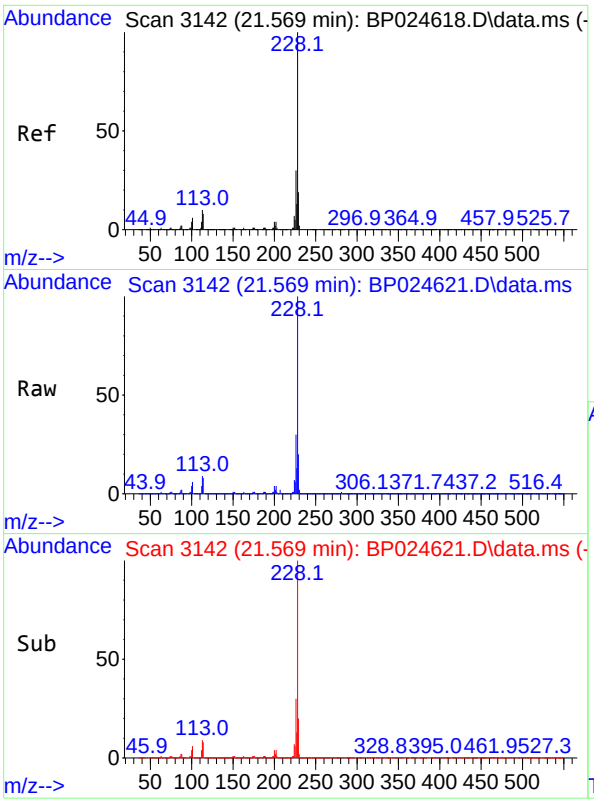


#82
3,3'-Dichlorobenzidine
Concen: 88.21 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:252 Resp: 1575691

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.8	77.6
126	10.2	7.7	11.5



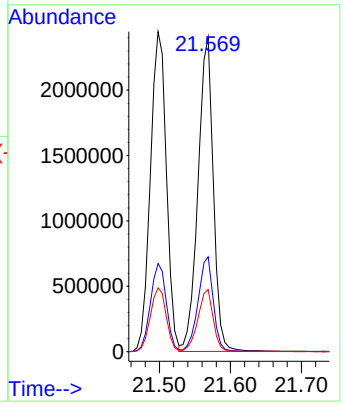


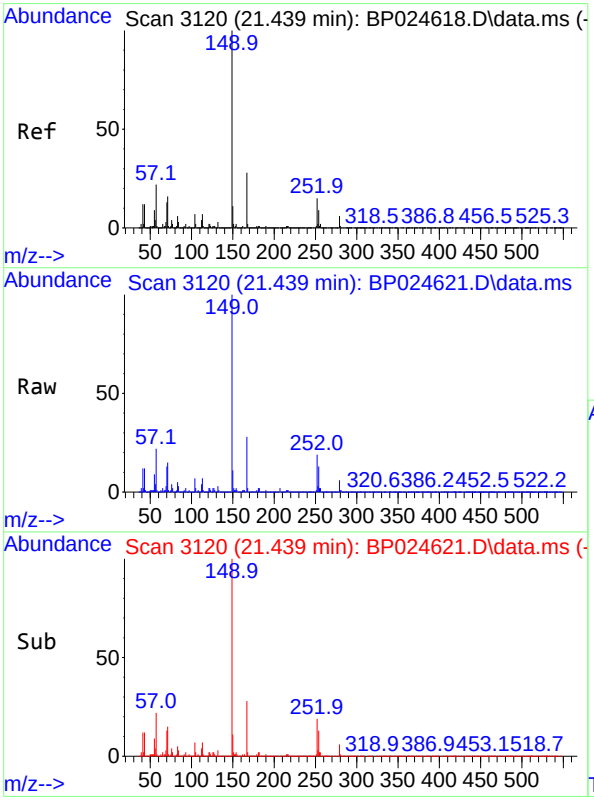
#83
Chrysene
Concen: 79.29 ng
RT: 21.569 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 3615014

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.7	15.5	23.3

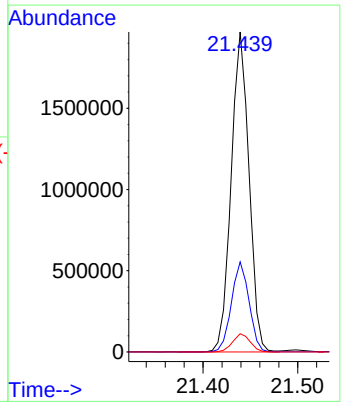


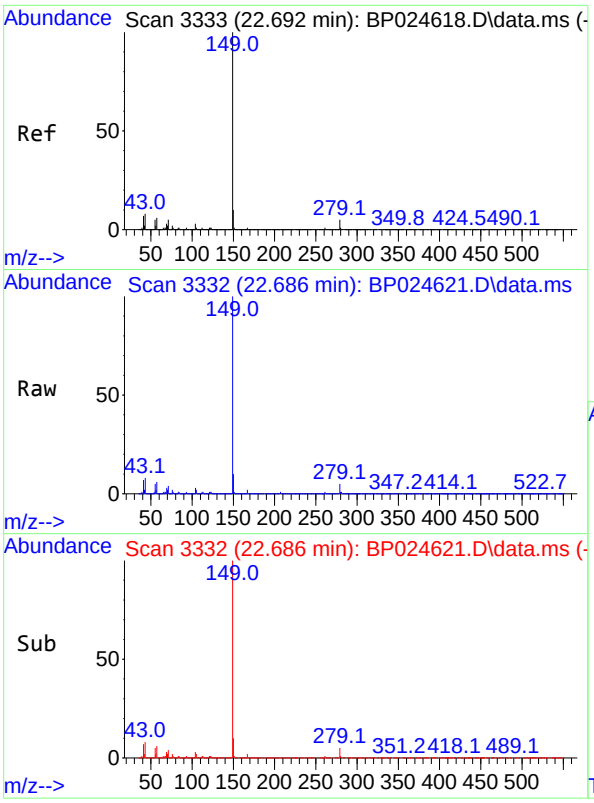


#84
Bis(2-ethylhexyl)phthalate
Concen: 85.91 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 2577445

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.1	33.1
279	5.7	4.6	6.8



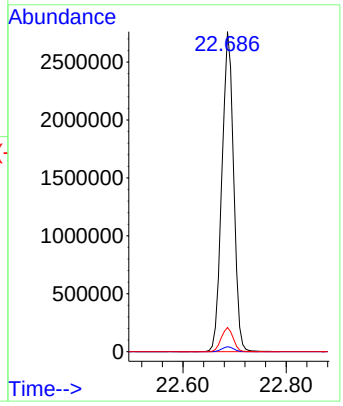


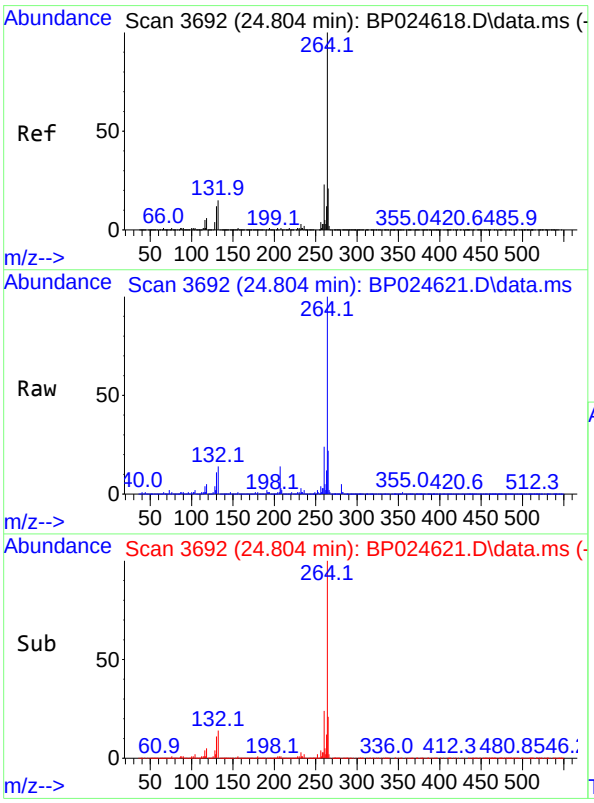
#85
Di-n-octyl phthalate
Concen: 88.50 ng
RT: 22.686 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 4341653

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.6	6.3	9.5

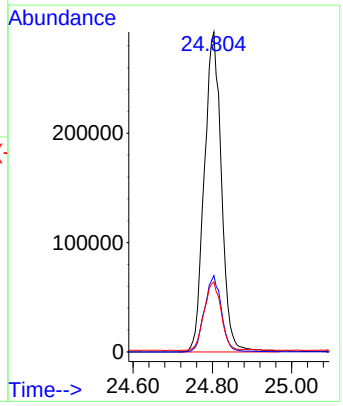


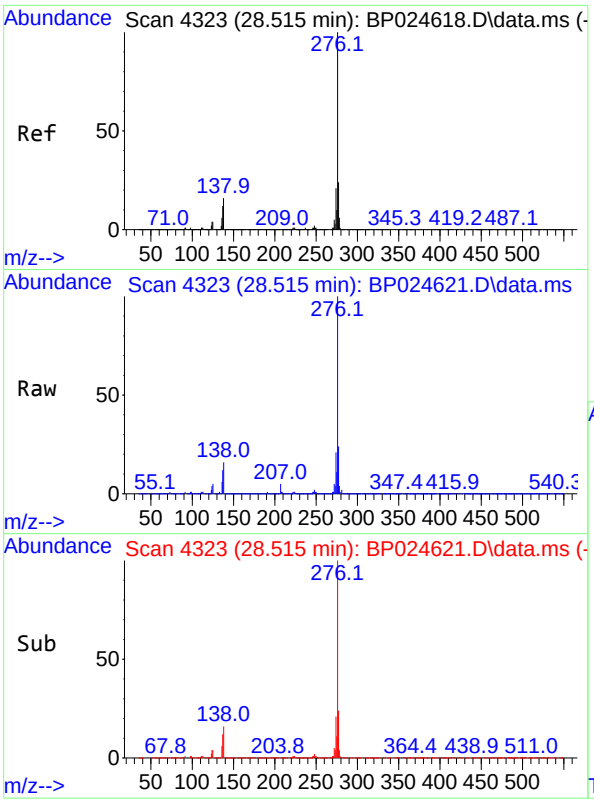


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.804 min Scan# 3692
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:264 Resp: 877352

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	17.0	25.6



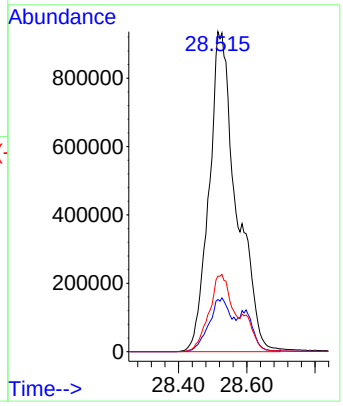


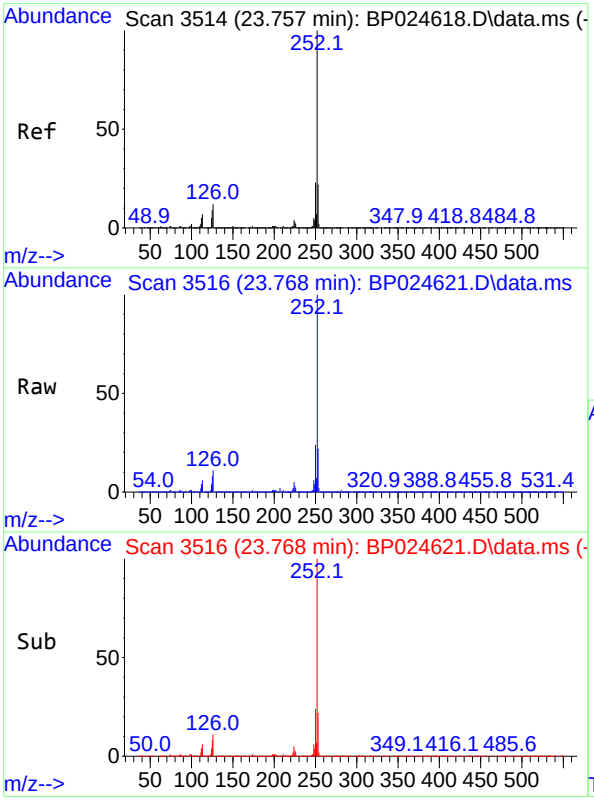
#87
Indeno(1,2,3-cd)pyrene
Concen: 81.85 ng m
RT: 28.515 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 5243999

Ion	Ratio	Lower	Upper
276	100		
138	13.7	11.2	16.8
277	20.5	15.7	23.5

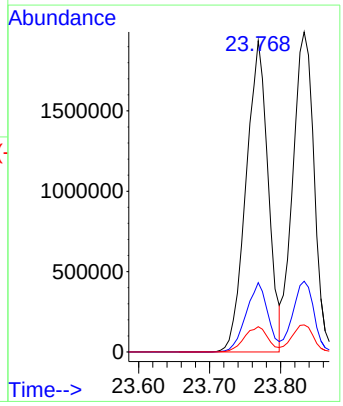


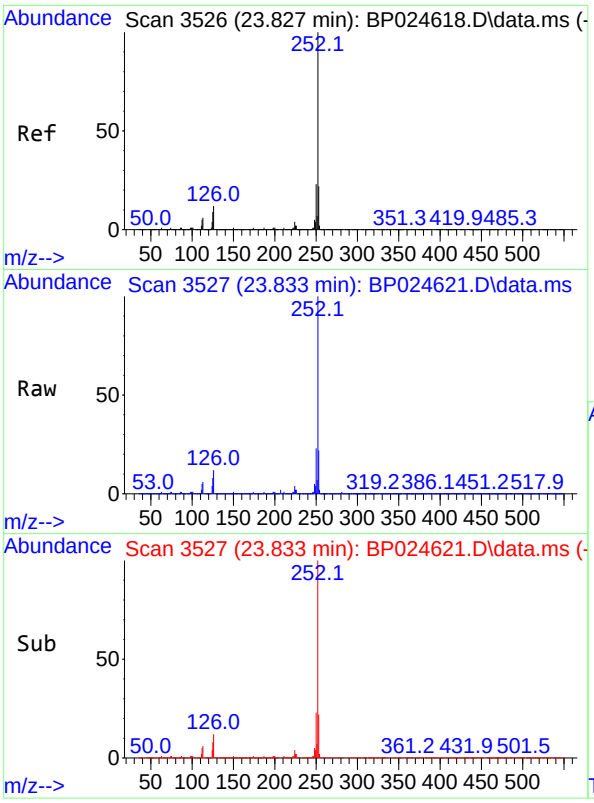


#88
Benzo(b)fluoranthene
Concen: 83.11 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:252 Resp: 4173798

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	8.2	7.5	11.3



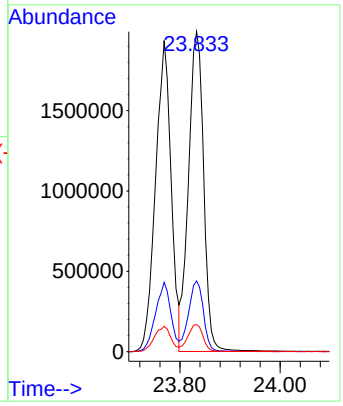


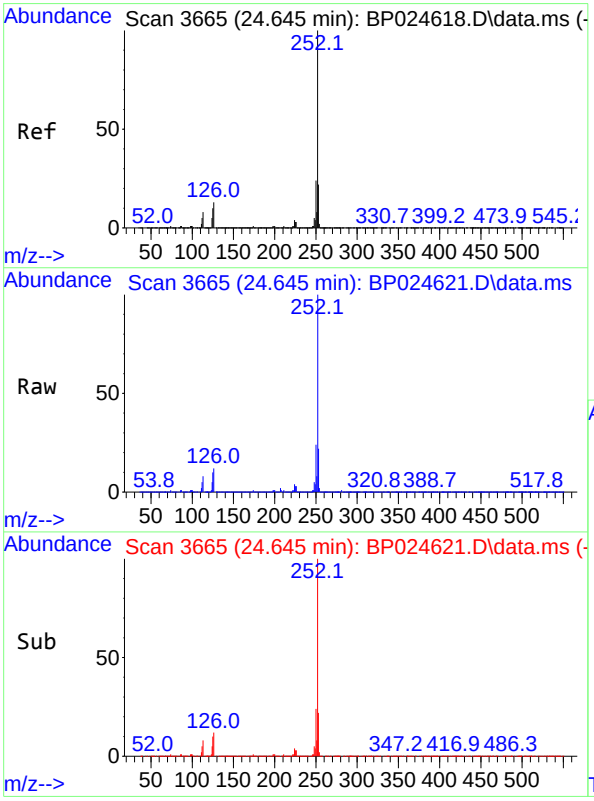
#89
Benzo(k)fluoranthene
Concen: 80.40 ng
RT: 23.833 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 4160268

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	8.5	7.0	10.4

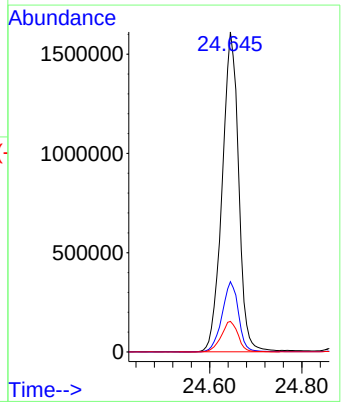


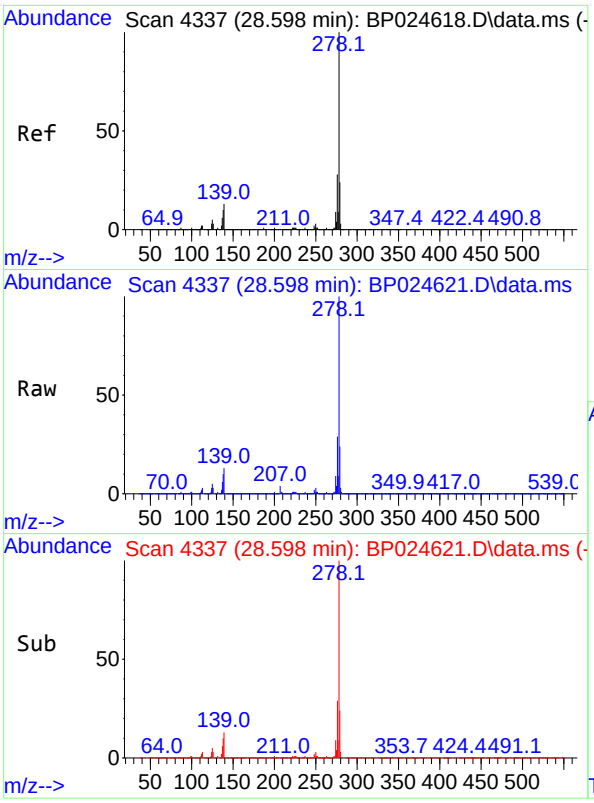


#90
Benzo(a)pyrene
Concen: 82.69 ng
RT: 24.645 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:252 Resp: 3988360

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.5	8.1	12.1



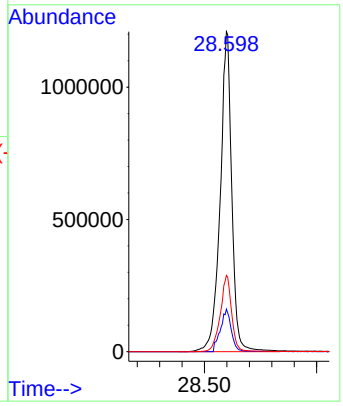


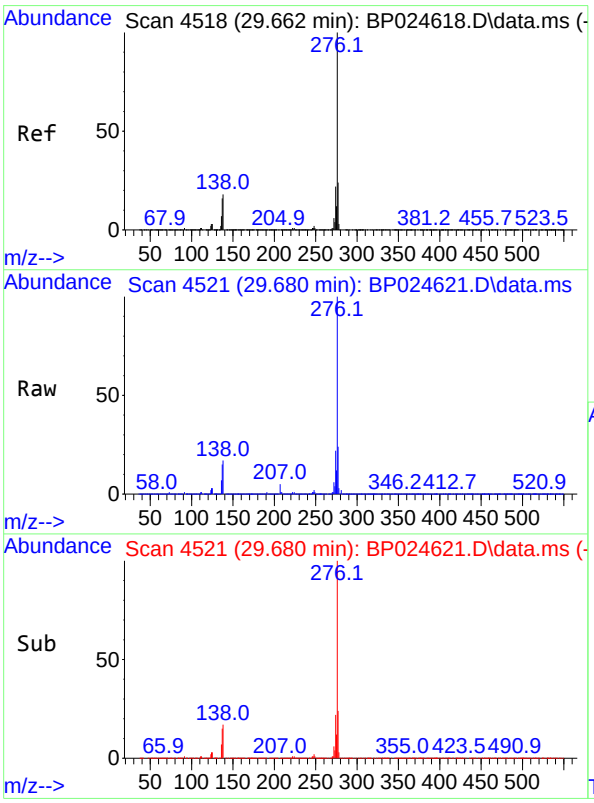
#91
Dibenzo(a,h)anthracene
Concen: 83.26 ng
RT: 28.598 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 4338518

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.2	15.4
279	23.9	19.0	28.4

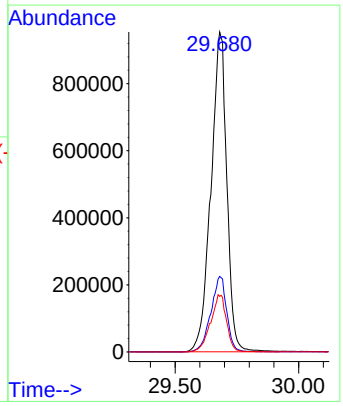




#92
Benzo(g,h,i)perylene
Concen: 82.08 ng
RT: 29.680 min Scan# 4521
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:276 Resp: 4253459

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	17.3	14.4	21.6



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	144423	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	621777	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	391112	20.00	ng	-0.01
64) Phenanthrene-d10	17.092	188	780511	20.00	ng	0.00
76) Chrysene-d12	21.521	240	868822	20.00	ng	0.00
86) Perylene-d12	24.815	264	1015341	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	658249	77.95	ng	0.00
7) Phenol-d6	6.852	99	852330	79.09	ng	0.00
23) Nitrobenzene-d5	8.810	82	962660	78.23	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	520660	78.53	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2290715	76.73	ng	0.00
79) Terphenyl-d14	19.822	244	3889002	76.75	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	145871	36.79	ng	99
3) Pyridine	3.622	79	347515	39.53	ng	97
4) n-Nitrosodimethylamine	3.528	42	147412	37.98	ng	98
6) Aniline	6.999	93	545556	39.21	ng	100
8) 2-Chlorophenol	7.234	128	377358	39.37	ng	97
9) Benzaldehyde	6.816	77	272303	39.03	ng	99
10) Phenol	6.881	94	434788	39.09	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	346744	37.94	ng	99
12) 1,3-Dichlorobenzene	7.552	146	417899	37.89	ng	98
13) 1,4-Dichlorobenzene	7.699	146	420432	37.90	ng	99
14) 1,2-Dichlorobenzene	8.010	146	409587	37.90	ng	99
15) Benzyl Alcohol	7.904	79	332015	40.54	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	416339	38.04	ng	99
17) 2-Methylphenol	8.110	107	316066	39.62	ng	99
18) Hexachloroethane	8.728	117	158167	37.21	ng	99
19) n-Nitroso-di-n-propyla...	8.463	70	291961	39.16	ng	99
20) 3+4-Methylphenols	8.434	107	429326	39.56	ng	99
22) Acetophenone	8.475	105	597464	38.47	ng	99
24) Nitrobenzene	8.851	77	416985	38.50	ng	96
25) Isophorone	9.375	82	821637	38.49	ng	99
26) 2-Nitrophenol	9.557	139	218211	41.12	ng	95
27) 2,4-Dimethylphenol	9.622	122	369418	39.48	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	493722	38.71	ng	100
29) 2,4-Dichlorophenol	10.093	162	364373	40.19	ng	97
30) 1,2,4-Trichlorobenzene	10.298	180	389362	38.11	ng	98
31) Naphthalene	10.481	128	1226624	38.07	ng	100
32) Benzoic acid	9.781	122	223660	36.46	ng	98
33) 4-Chloroaniline	10.598	127	524873	40.37	ng	99
34) Hexachlorobutadiene	10.763	225	246776	37.29	ng	98
35) Caprolactam	11.387	113	130399	39.75	ng	99
36) 4-Chloro-3-methylphenol	11.740	107	431344	39.01	ng	100
37) 2-Methylnaphthalene	12.098	142	789724	37.85	ng	99
38) 1-Methylnaphthalene	12.316	142	833521	37.34	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	444420	39.13	ng	100
41) Hexachlorocyclopentadiene	12.445	237	305575	44.37	ng	98
43) 2,4,6-Trichlorophenol	12.716	196	305651	41.55	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	336252	41.06	ng	97
46) 1,1'-Biphenyl	13.116	154	1124669	38.91	ng	99
47) 2-Chloronaphthalene	13.157	162	864853	39.24	ng	98
48) 2-Nitroaniline	13.369	65	264965	40.60	ng	97
49) Acenaphthylene	14.010	152	1419821	38.49	ng	100
50) Dimethylphthalate	13.751	163	1155211	38.75	ng	99
51) 2,6-Dinitrotoluene	13.875	165	247537	39.32	ng	99
52) Acenaphthene	14.357	154	803755	37.90	ng	99
53) 3-Nitroaniline	14.210	138	262737	40.87	ng	100
54) 2,4-Dinitrophenol	14.428	184	135624	37.83	ng	96
55) Dibenzofuran	14.698	168	1282228	37.91	ng	99
56) 4-Nitrophenol	14.545	139	202528	38.70	ng	97
57) 2,4-Dinitrotoluene	14.675	165	354817	39.97	ng	99
58) Fluorene	15.357	166	1059642	38.42	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	298327	39.27	ng	99
60) Diethylphthalate	15.134	149	1150091	38.17	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	526066	38.25	ng	99
62) 4-Nitroaniline	15.398	138	265185	42.72	ng	98
63) Azobenzene	15.657	77	1000653	38.82	ng	98
65) 4,6-Dinitro-2-methylph...	15.451	198	203200	40.30	ng	98
66) n-Nitrosodiphenylamine	15.575	169	920187	38.38	ng	100
67) 4-Bromophenyl-phenylether	16.269	248	357846	38.91	ng	97
68) Hexachlorobenzene	16.386	284	446142	38.18	ng	99
69) Atrazine	16.551	200	347661	39.57	ng	99
70) Pentachlorophenol	16.739	266	269781	41.12	ng	99
71) Phenanthrene	17.133	178	1629118	37.55	ng	99
72) Anthracene	17.228	178	1669395	38.24	ng	100
73) Carbazole	17.510	167	1563685	39.57	ng	99
74) Di-n-butylphthalate	18.098	149	1978741	38.94	ng	100
75) Fluoranthene	19.222	202	1956043	38.57	ng	100
77) Benzidine	19.422	184	1023514	43.25	ng	99
78) Pyrene	19.604	202	1992845	38.28	ng	100
80) Butylbenzylphthalate	20.557	149	938210	40.52	ng	96
81) Benzo(a)anthracene	21.510	228	2121561	38.89	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	861323	42.51	ng	100
83) Chrysene	21.574	228	1976940	38.23	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	1375919	40.43	ng	100
85) Di-n-octyl phthalate	22.698	149	2321673	41.72	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	2879864m	38.85	ng	
88) Benzo(b)fluoranthene	23.768	252	2283322	39.29	ng	100
89) Benzo(k)fluoranthene	23.833	252	2289000	38.22	ng	100
90) Benzo(a)pyrene	24.668	252	2177020	39.00	ng	99
91) Dibenzo(a,h)anthracene	28.615	278	2374558	39.38	ng	100
92) Benzo(g,h,i)perylene	29.686	276	2333151	38.91	ng	100

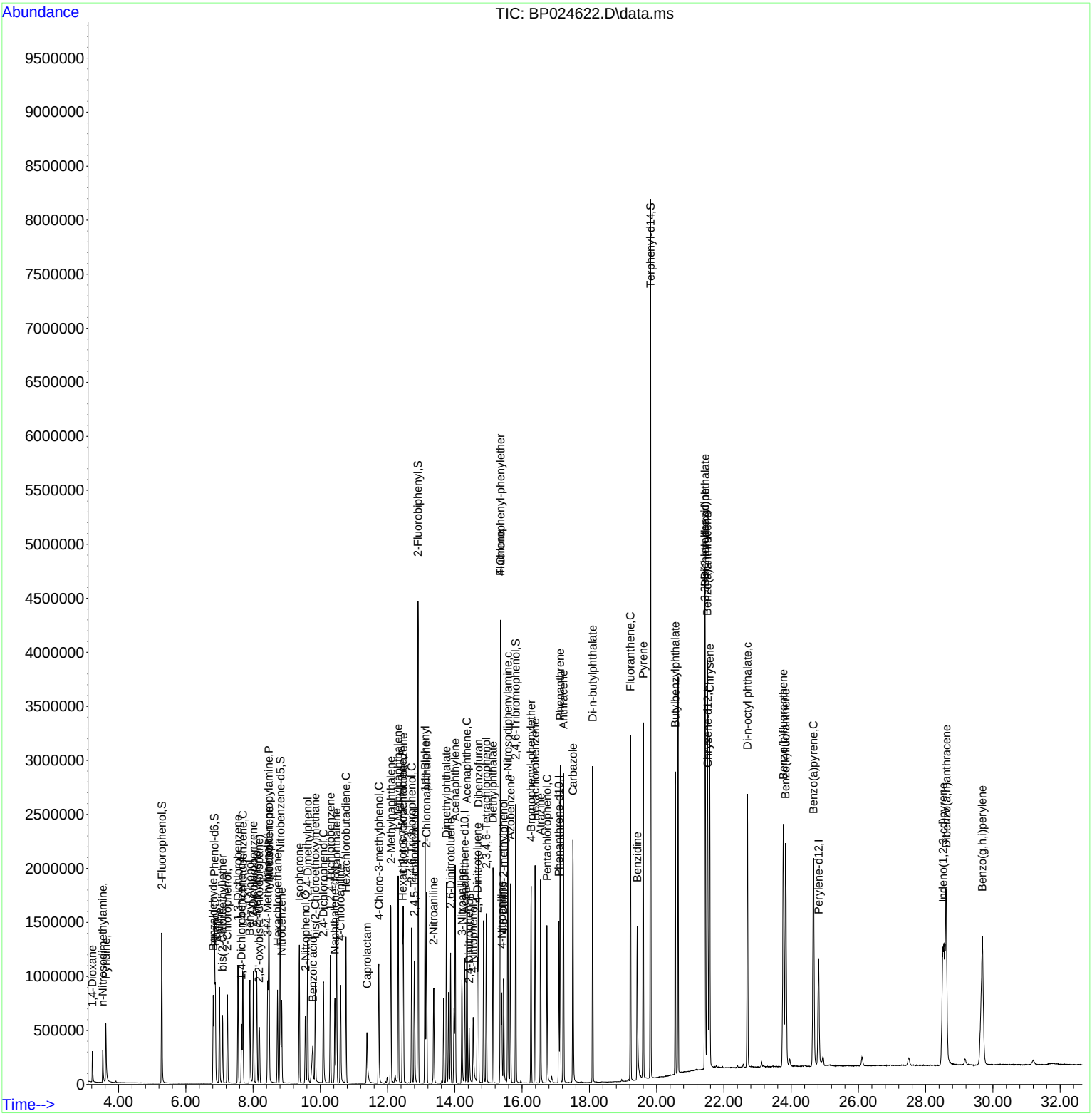
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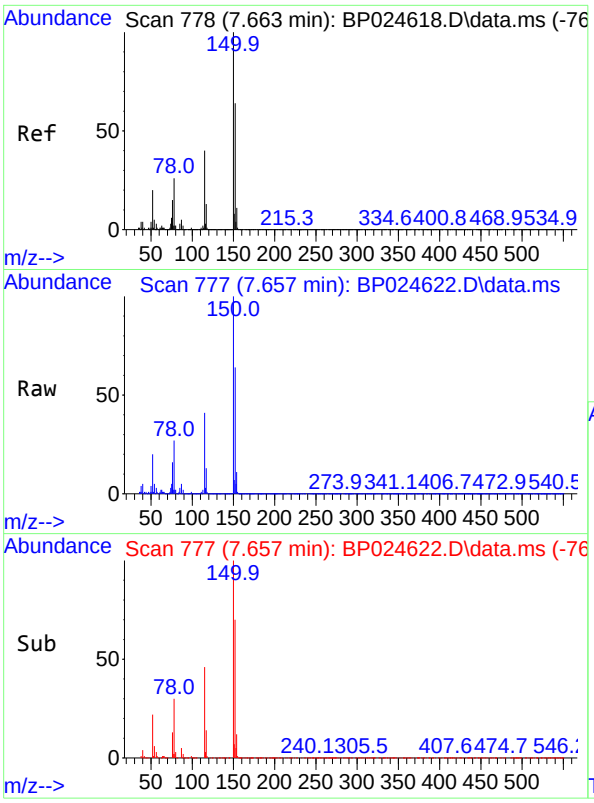
ICAL Form

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Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



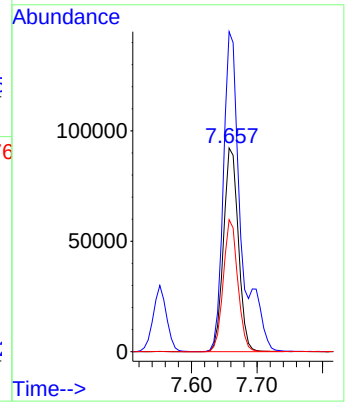


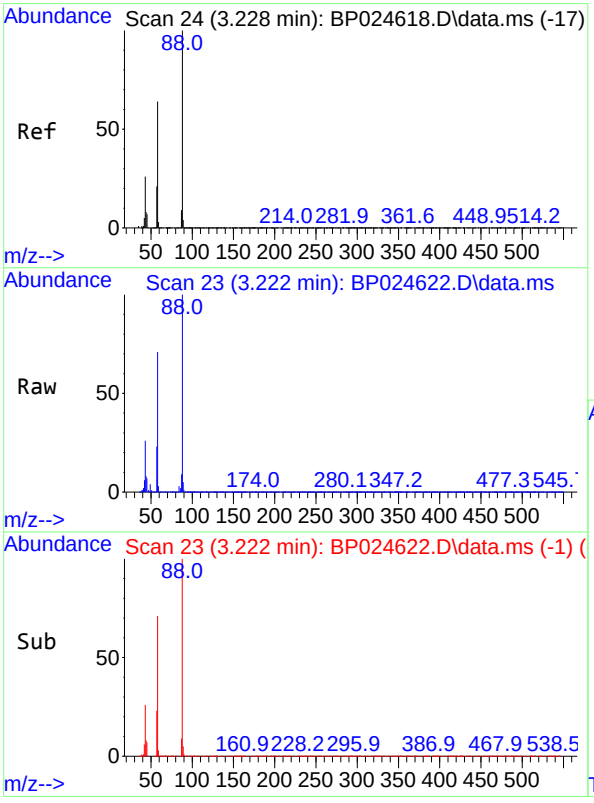
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:152 Resp: 144423

Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.9	188.9
115	64.8	50.1	75.1

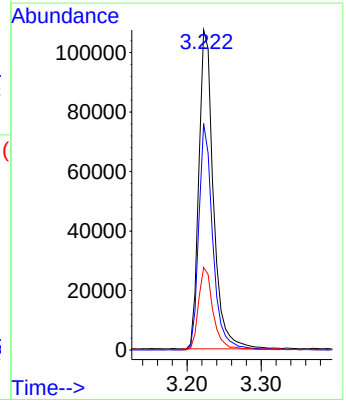


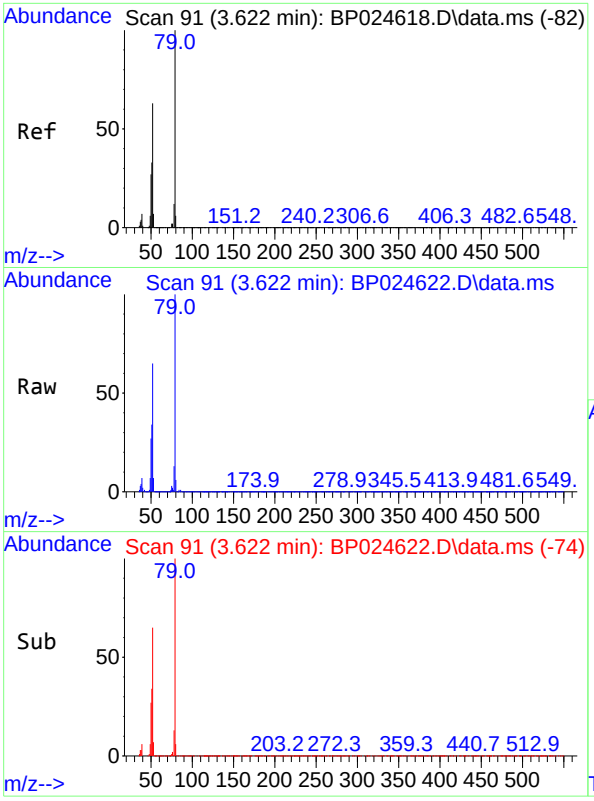


#2
1,4-Dioxane
Concen: 36.79 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 88 Resp: 145871

Ion	Ratio	Lower	Upper
88	100		
58	68.6	54.0	81.0
43	25.9	21.4	32.0



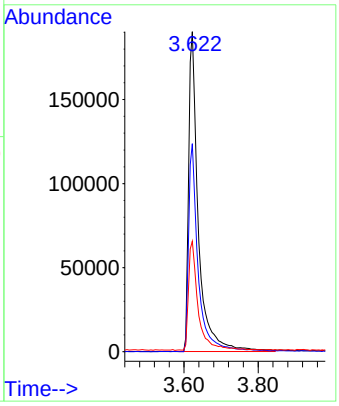


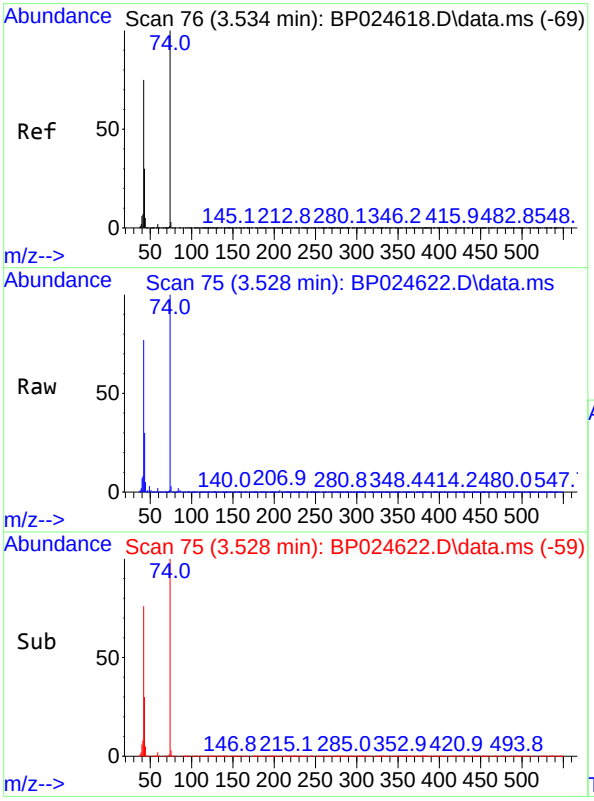
#3
Pyridine
Concen: 39.53 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 79 Resp: 347515

Ion	Ratio	Lower	Upper
79	100		
52	65.0	50.2	75.2
51	34.5	26.8	40.2

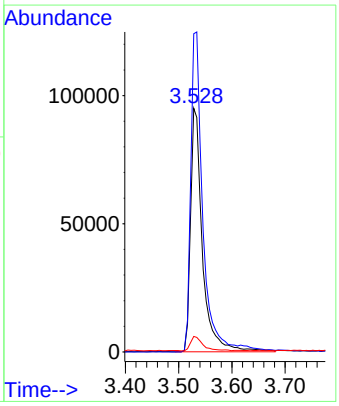


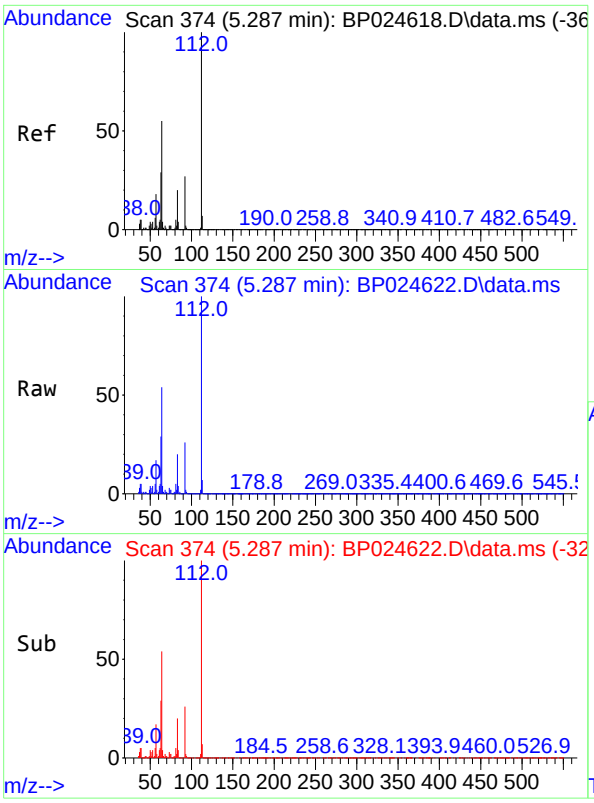


#4
n-Nitrosodimethylamine
Concen: 37.98 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 42 Resp: 147412

Ion	Ratio	Lower	Upper
42	100		
74	130.6	106.2	159.2
44	6.4	5.4	8.2



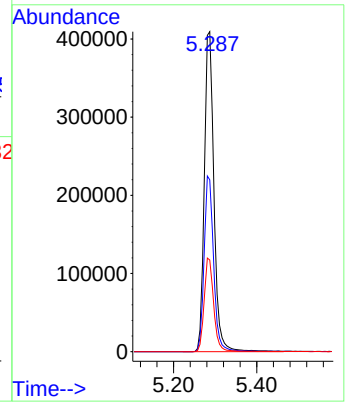


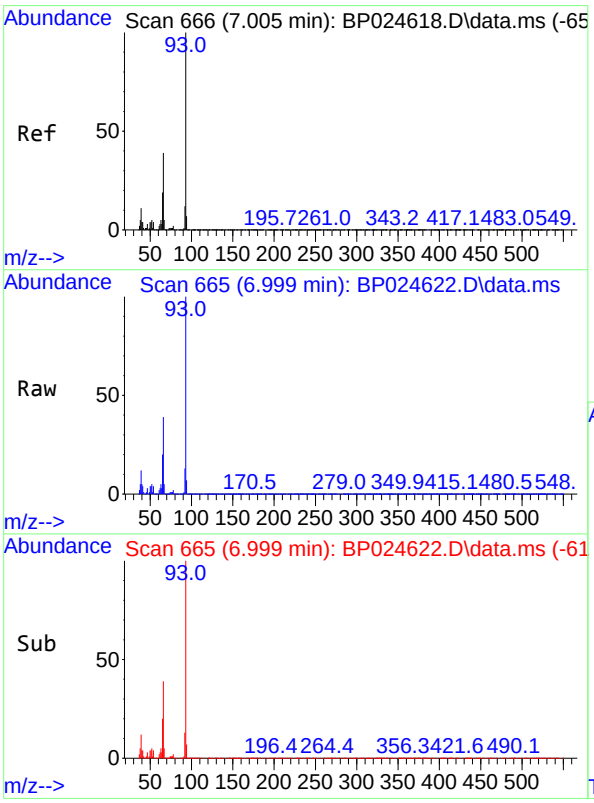
#5
2-Fluorophenol
Concen: 77.95 ng
RT: 5.287 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:112 Resp: 658249

Ion	Ratio	Lower	Upper
112	100		
64	53.7	44.1	66.1
63	28.7	23.5	35.3

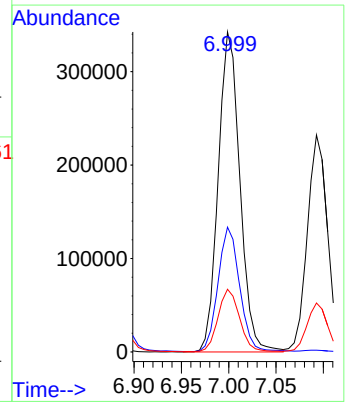


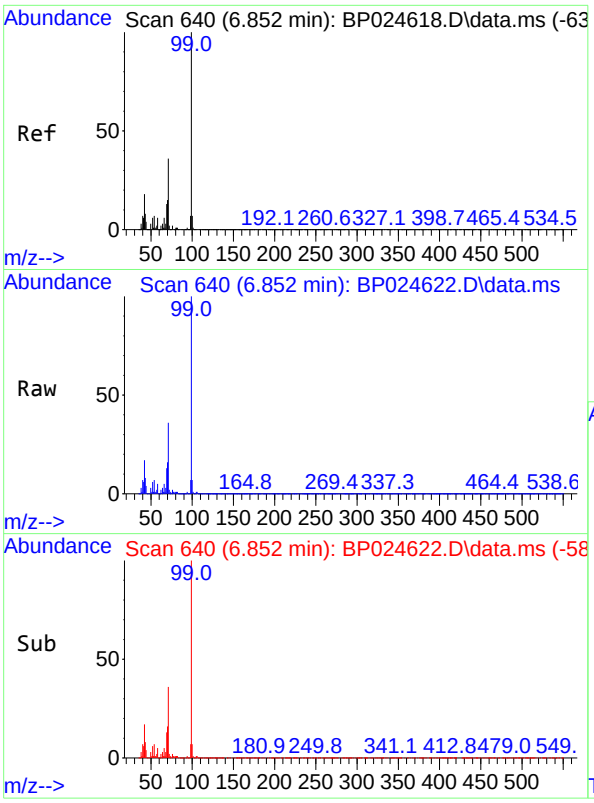


#6
Aniline
Concen: 39.21 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 93 Resp: 545556

Ion	Ratio	Lower	Upper
93	100		
66	39.0	31.0	46.6
65	19.6	15.5	23.3



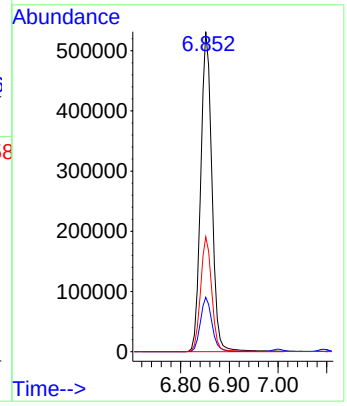


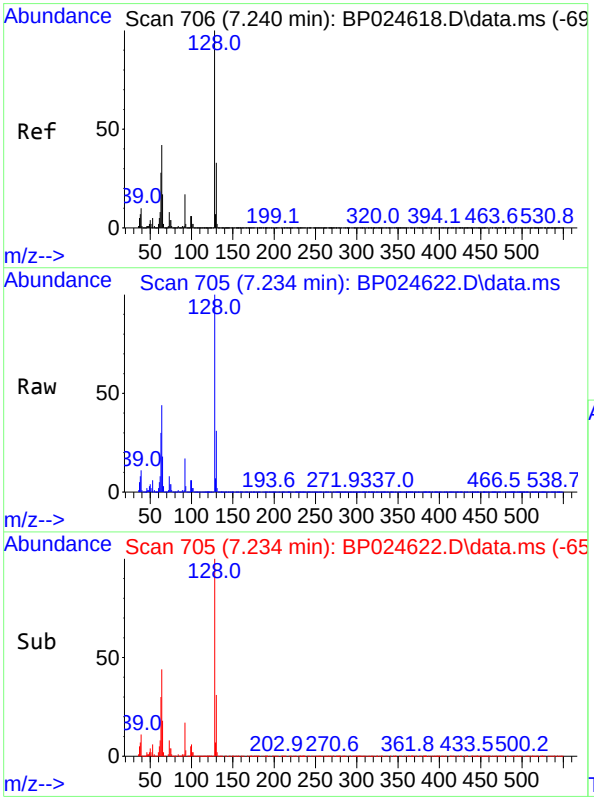
#7
Phenol-d6
Concen: 79.09 ng
RT: 6.852 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 99 Resp: 852330

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.4	21.6
71	35.9	29.2	43.8

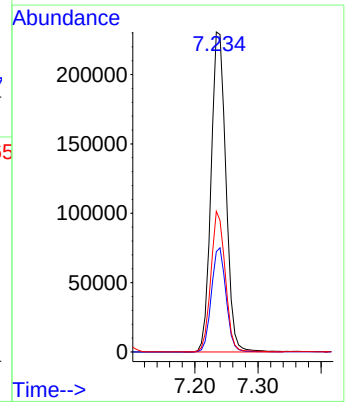


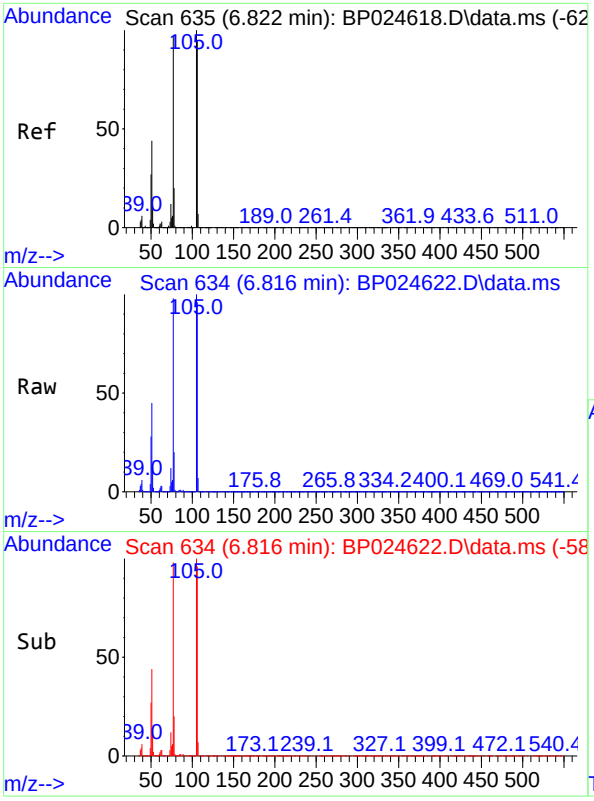


#8
2-Chlorophenol
Concen: 39.37 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:128 Resp: 377358

Ion	Ratio	Lower	Upper
128	100		
130	31.4	13.0	53.0
64	43.9	22.3	62.3



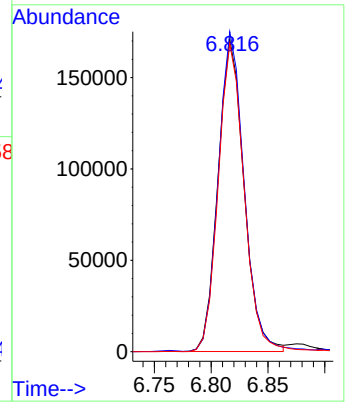


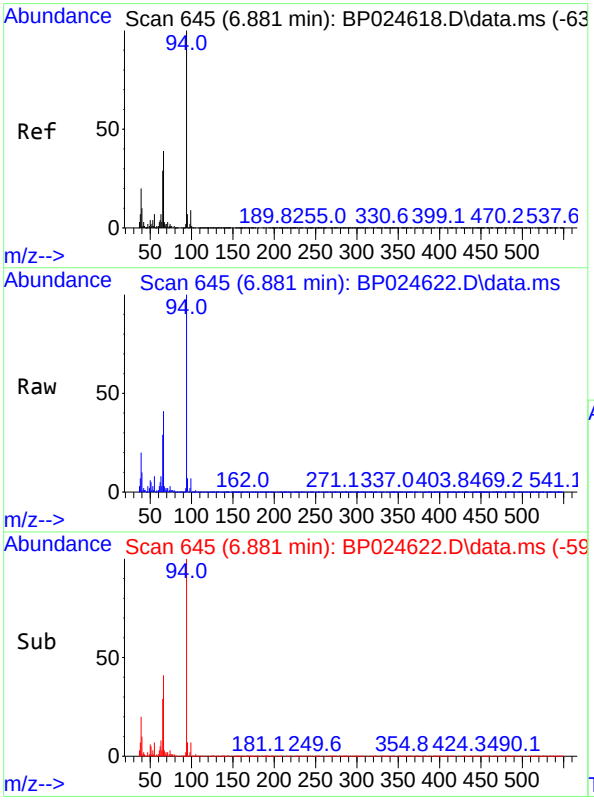
#9
Benzaldehyde
Concen: 39.03 ng
RT: 6.816 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 77 Resp: 272303

Ion	Ratio	Lower	Upper
77	100		
105	102.4	83.3	123.3
106	98.5	78.0	118.0

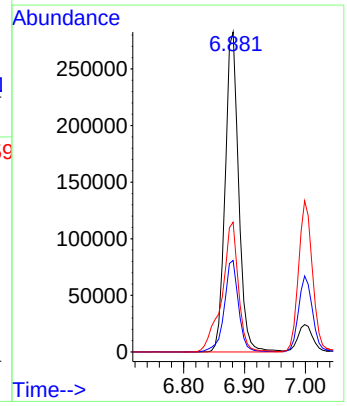


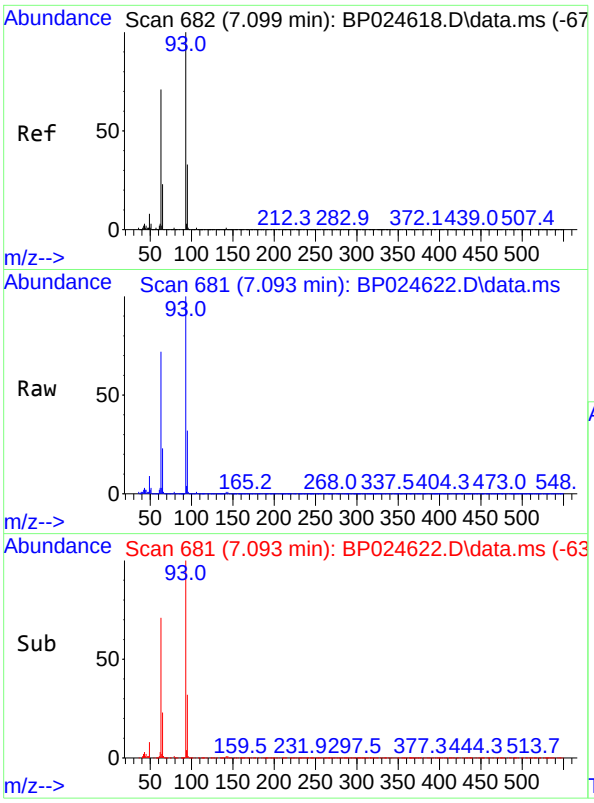


#10
Phenol
Concen: 39.09 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 94 Resp: 434788

Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.7	48.7
66	40.5	19.4	59.4



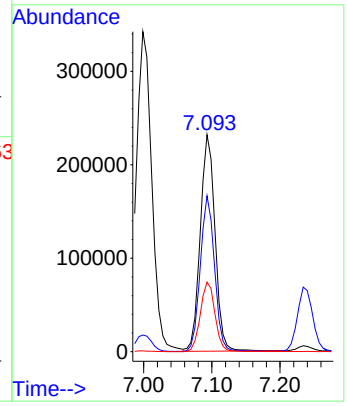


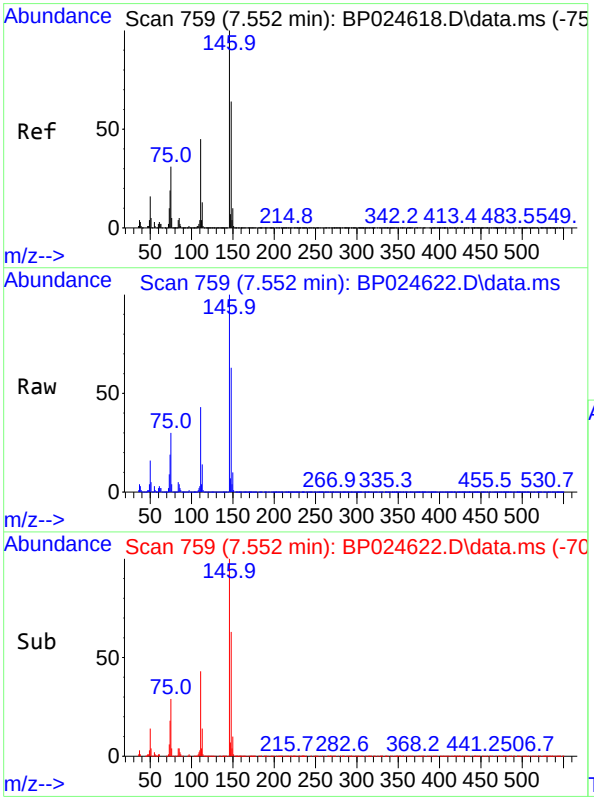
#11
bis(2-Chloroethyl)ether
Concen: 37.94 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 93 Resp: 346744

Ion	Ratio	Lower	Upper
93	100		
63	71.9	50.6	90.6
95	32.1	12.9	52.9

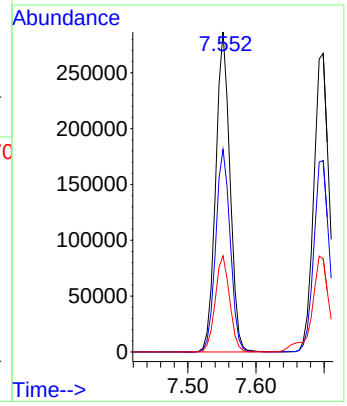


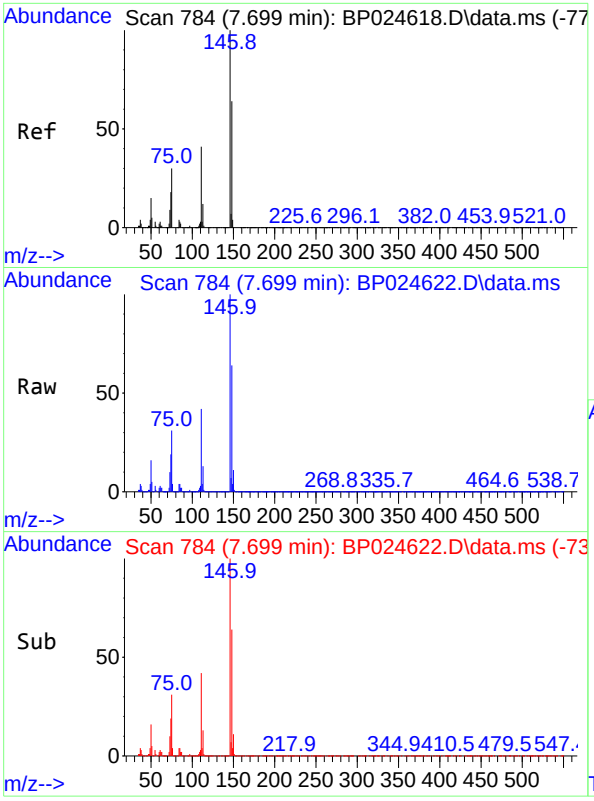


#12
1,3-Dichlorobenzene
Concen: 37.89 ng
RT: 7.552 min Scan# 759
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:146 Resp: 417899

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.2
75	30.1	25.2	37.8



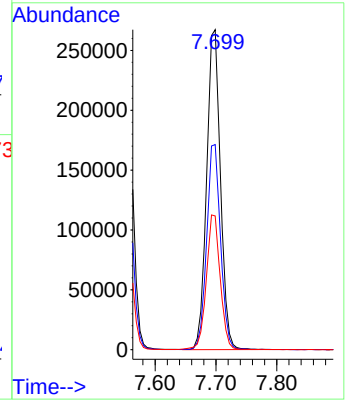


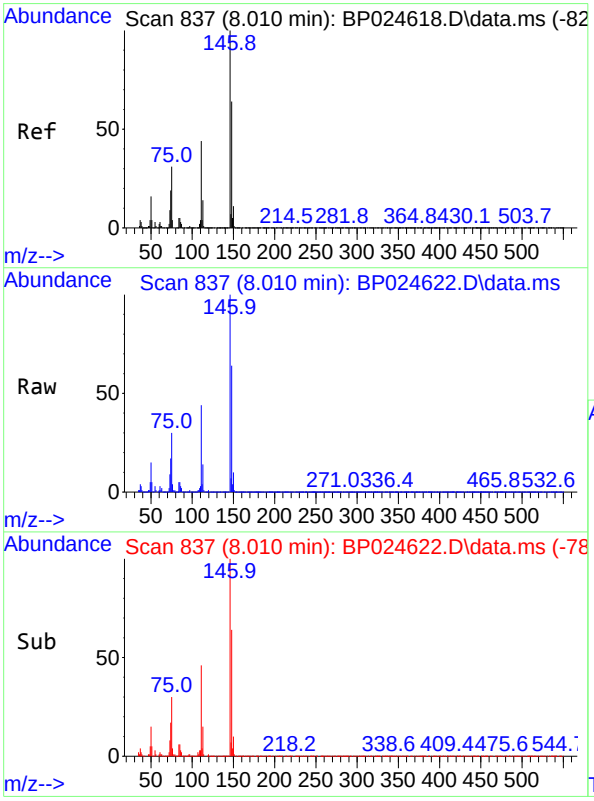
#13
1,4-Dichlorobenzene
Concen: 37.90 ng
RT: 7.699 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:146 Resp: 420432

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
111	41.8	33.0	49.6

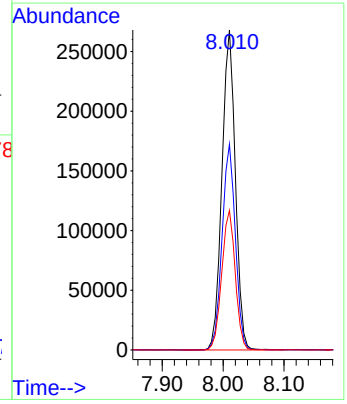


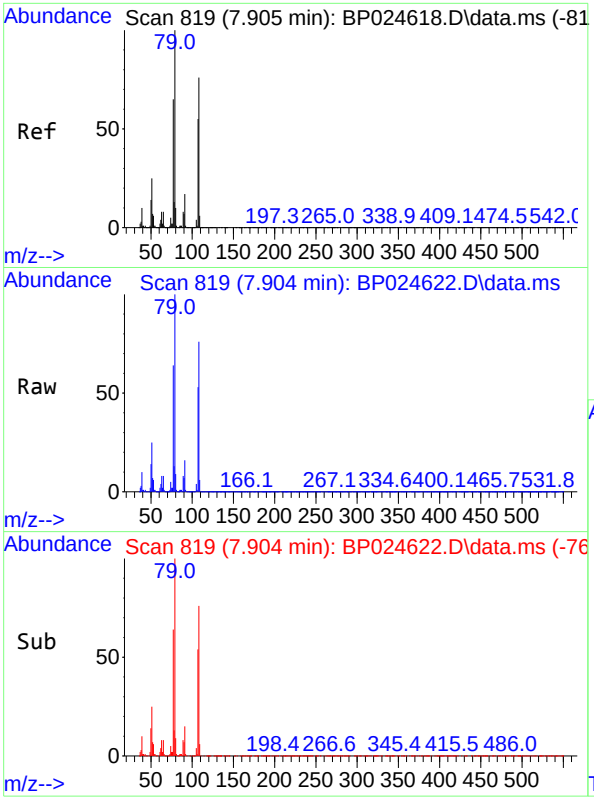


#14
1,2-Dichlorobenzene
Concen: 37.90 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:146 Resp: 409587

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.4
111	43.6	35.2	52.8



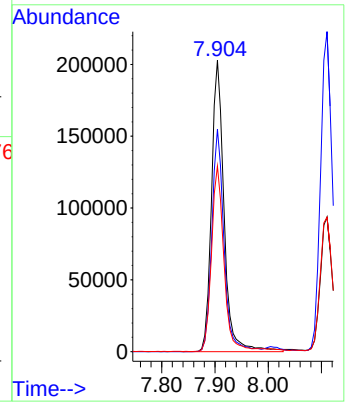


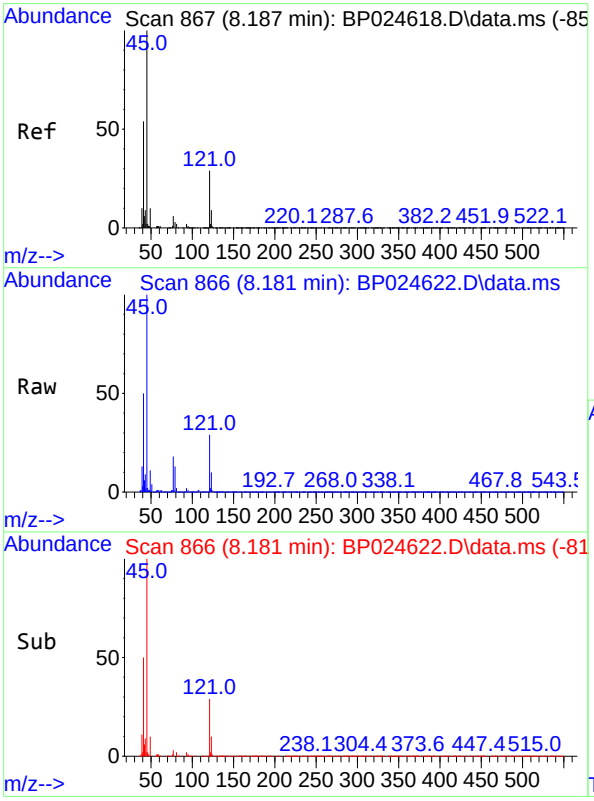
#15
Benzyl Alcohol
Concen: 40.54 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 79 Resp: 332015

Ion	Ratio	Lower	Upper
79	100		
108	76.4	60.8	91.2
77	63.7	51.9	77.9

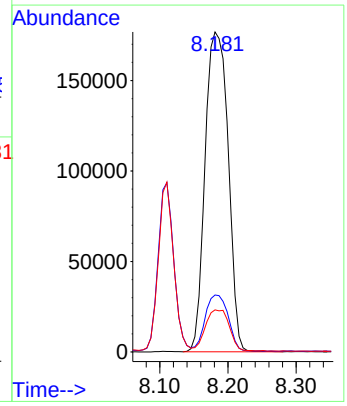


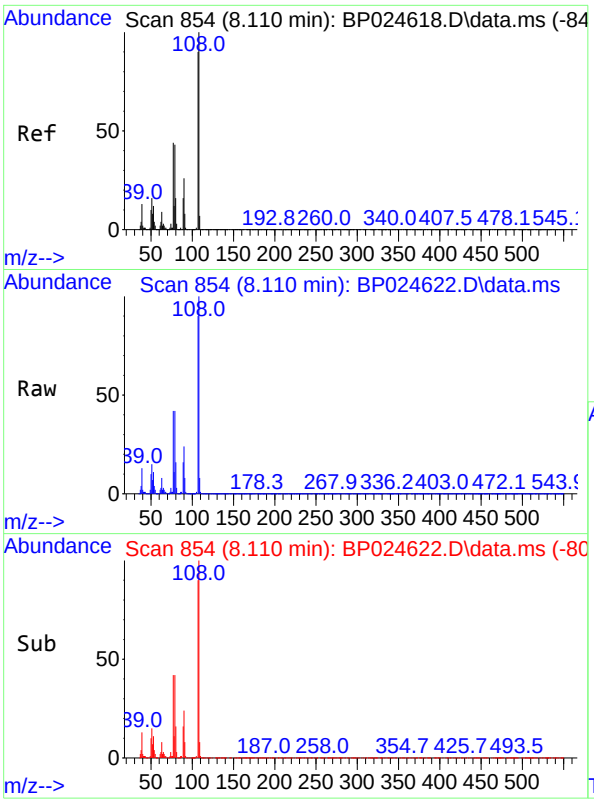


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.04 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 45 Resp: 416339

Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	37.7
79	13.2	0.0	34.0



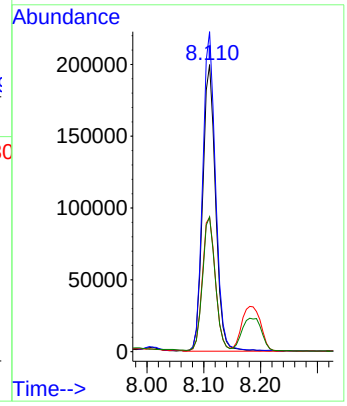


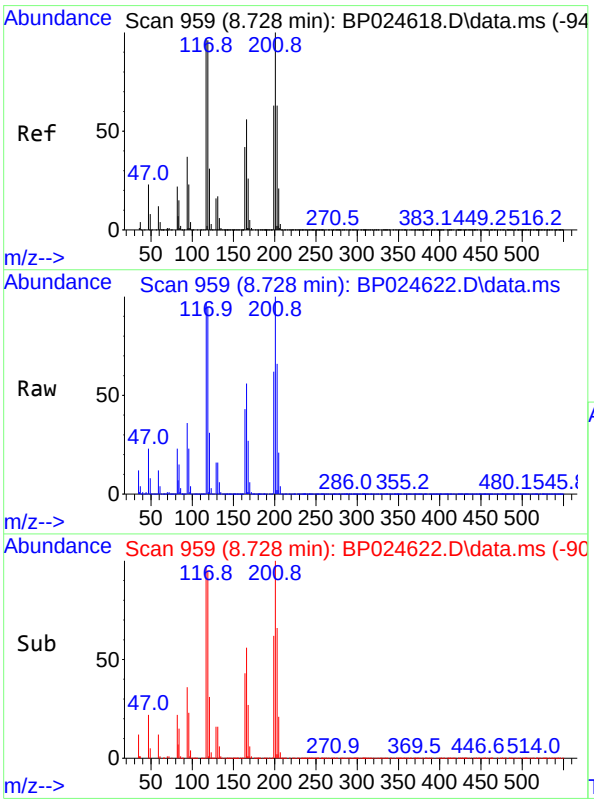
#17
2-Methylphenol
Concen: 39.62 ng
RT: 8.110 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:107 Resp: 316066

Ion	Ratio	Lower	Upper
107	100		
108	111.5	88.9	133.3
77	46.8	39.0	58.6
79	47.0	38.4	57.6

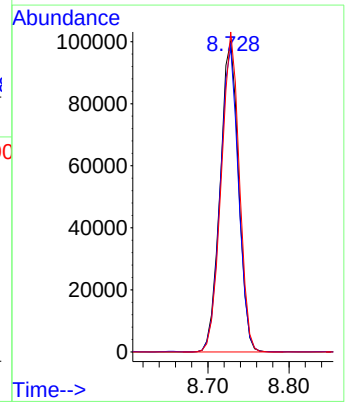


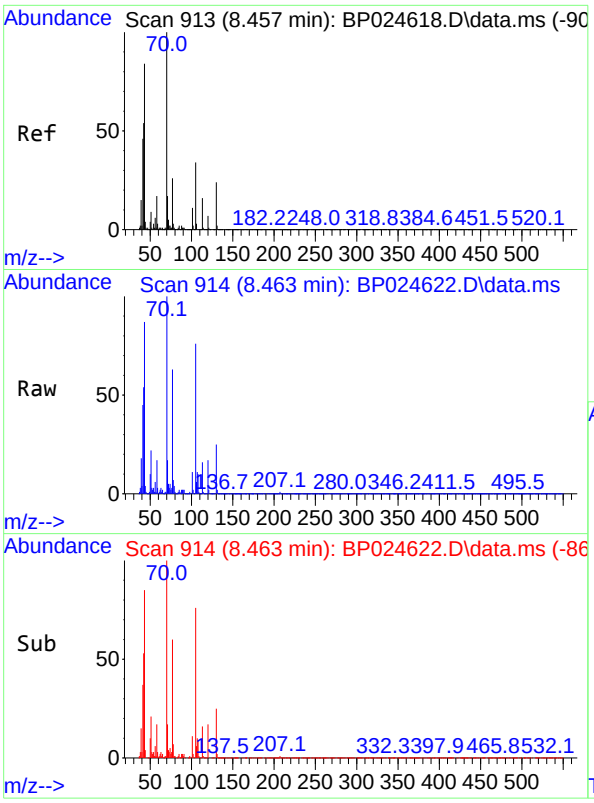


#18
Hexachloroethane
Concen: 37.21 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:117 Resp: 158167

Ion	Ratio	Lower	Upper
117	100		
119	97.9	79.4	119.0
201	103.0	82.7	124.1



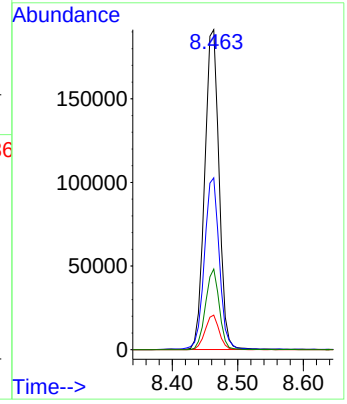


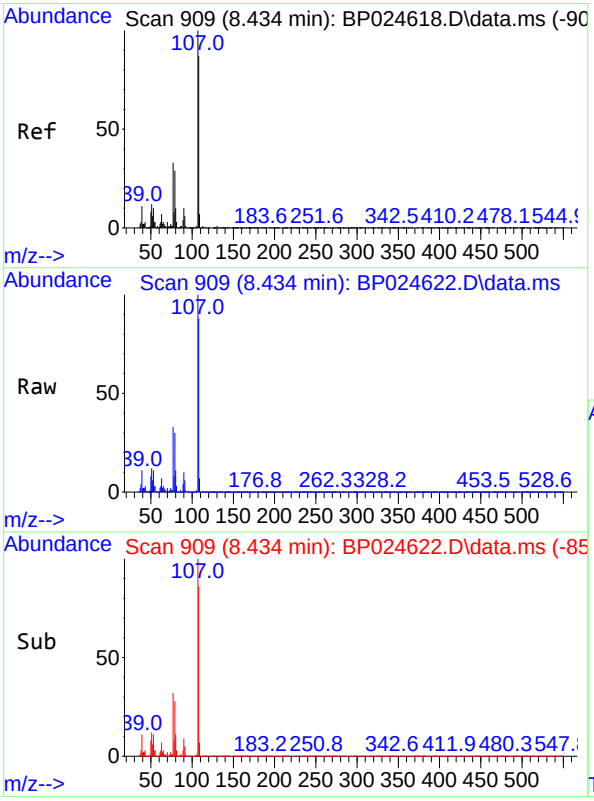
#19
n-Nitroso-di-n-propylamine
Concen: 39.16 ng
RT: 8.463 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 70 Resp: 291961

Ion	Ratio	Lower	Upper
70	100		
42	53.7	43.0	64.6
101	10.8	8.7	13.1
130	25.2	19.4	29.0

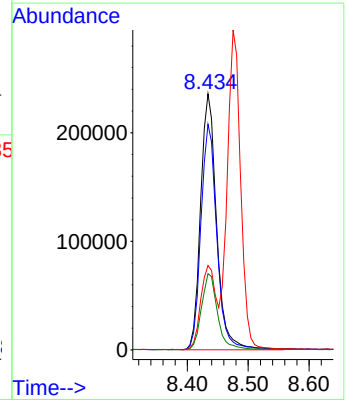


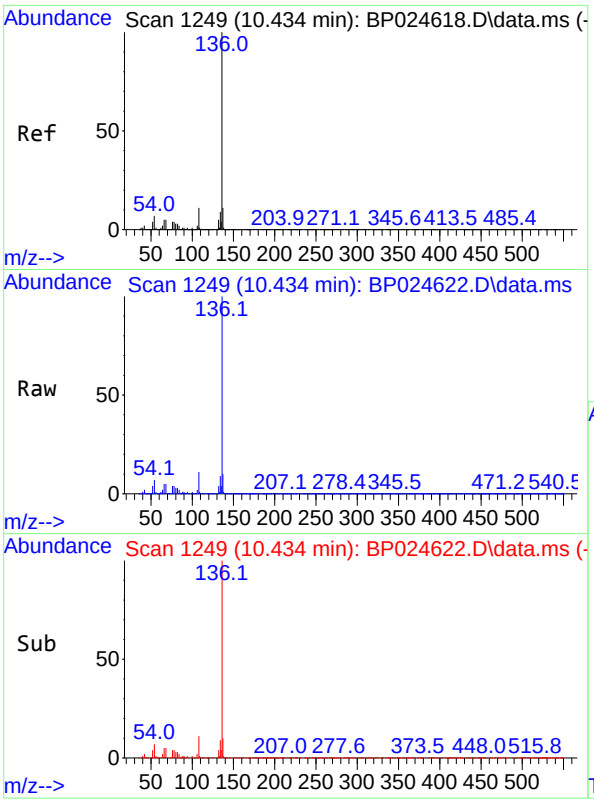


#20
3+4-Methylphenols
Concen: 39.56 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:107 Resp: 429326

Ion	Ratio	Lower	Upper
107	100		
108	88.1	66.7	106.7
77	33.0	13.1	53.1
79	29.8	8.9	48.9



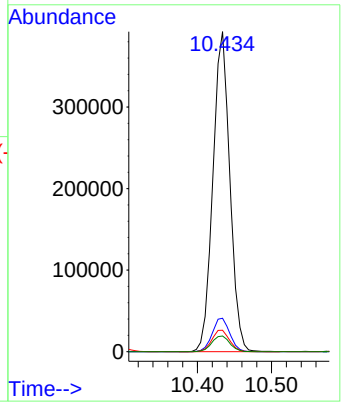


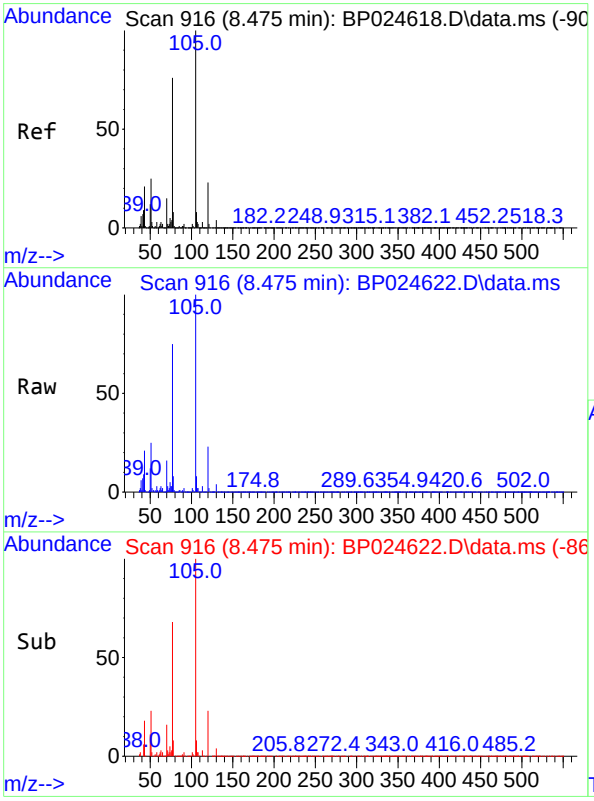
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:136 Resp: 621777

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	6.7	5.5	8.3
68	4.9	4.2	6.2

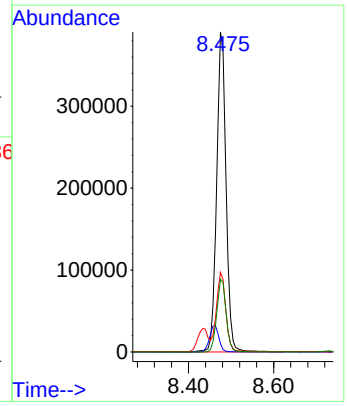


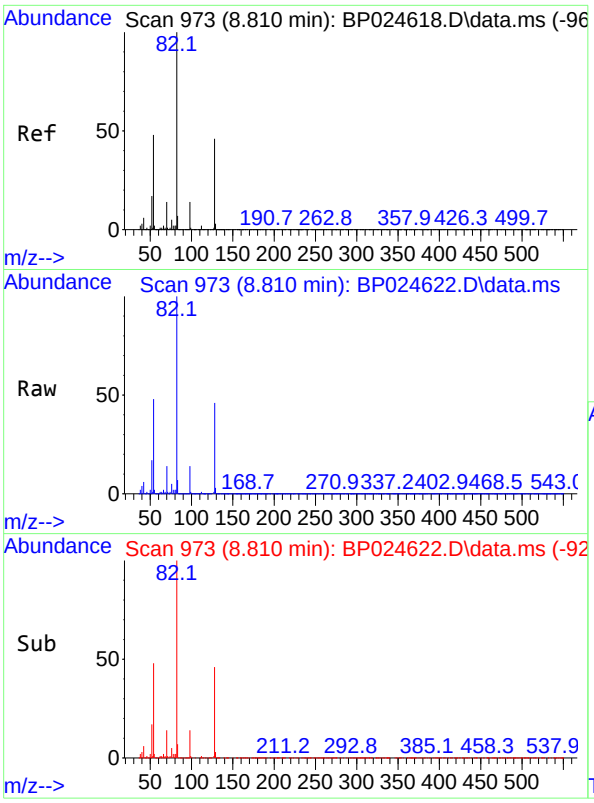


#22
Acetophenone
Concen: 38.47 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:105 Resp: 597464

Ion	Ratio	Lower	Upper
105	100		
71	2.6	2.0	3.0
51	24.9	20.4	30.6
120	22.7	18.1	27.1



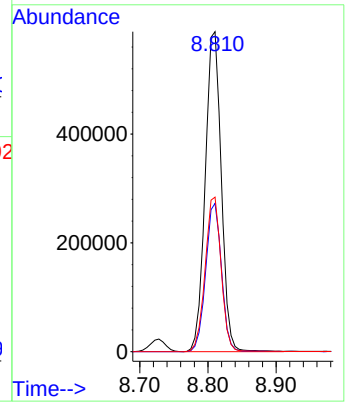


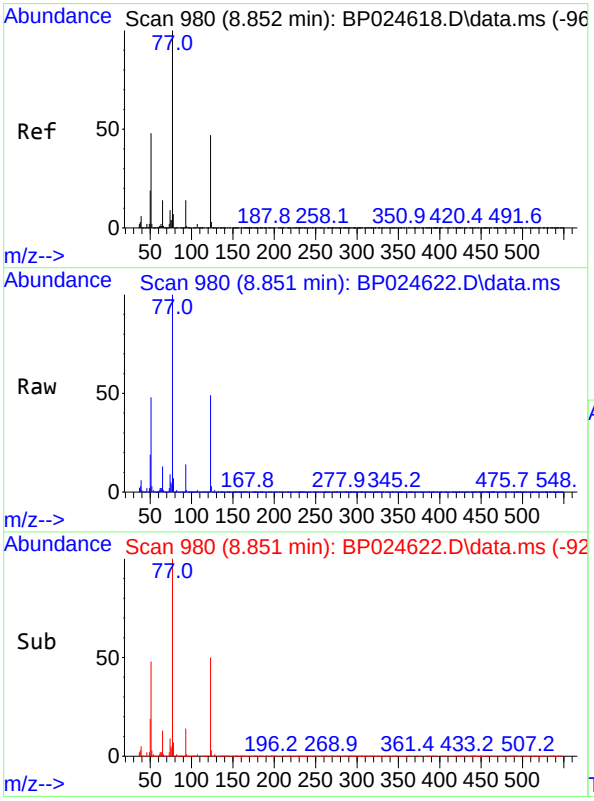
#23
Nitrobenzene-d5
Concen: 78.23 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 82 Resp: 962660

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.0	55.4
54	48.3	38.7	58.1

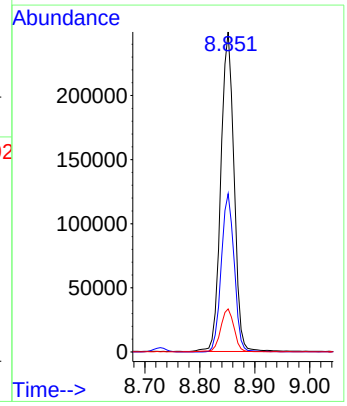


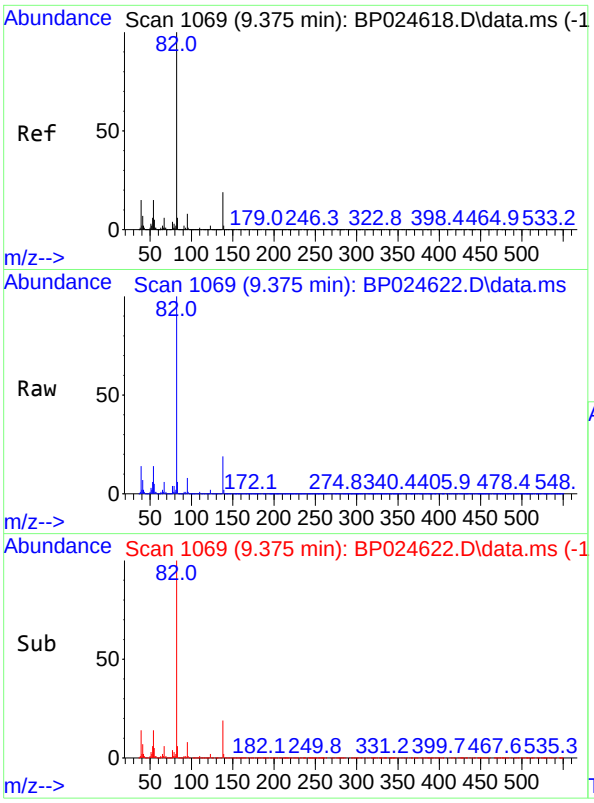


#24
Nitrobenzene
Concen: 38.50 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 77 Resp: 416985

Ion	Ratio	Lower	Upper
77	100		
123	49.5	37.4	56.0
65	13.5	11.3	16.9



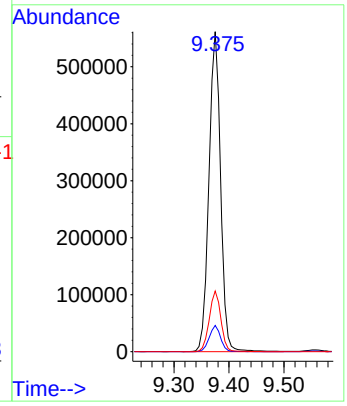


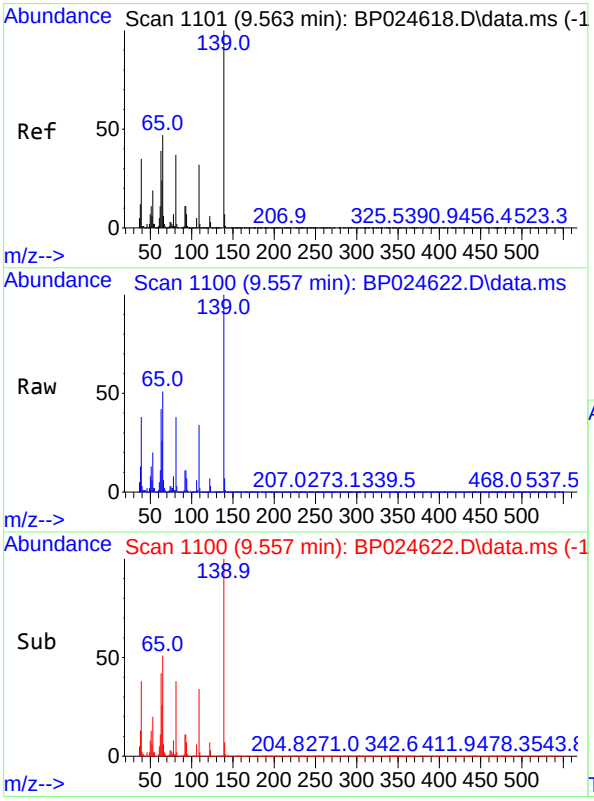
#25
Isophorone
Concen: 38.49 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 82 Resp: 821637

Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.3	9.5
138	18.9	15.3	22.9

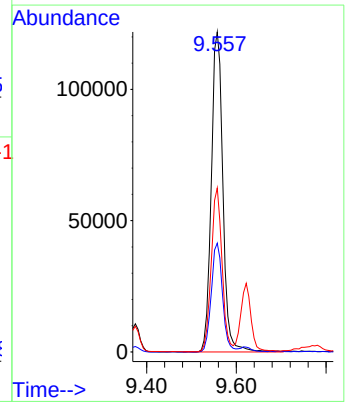


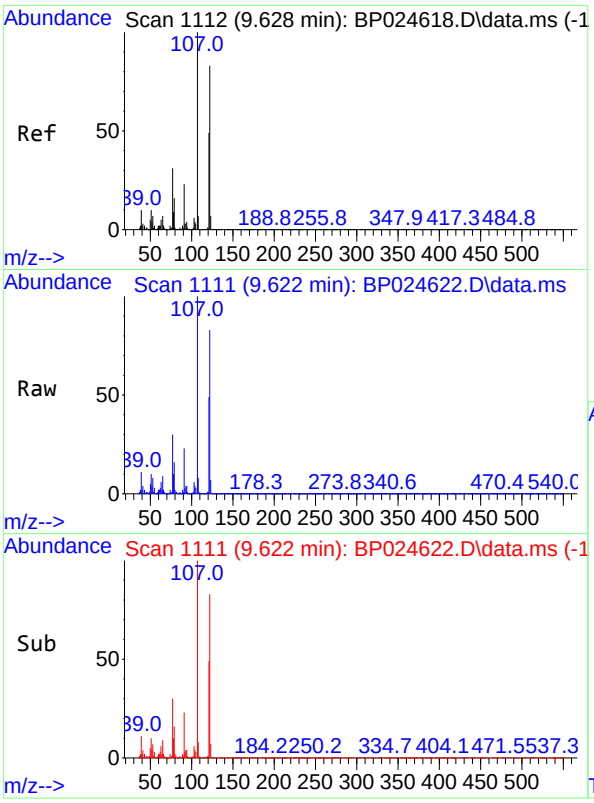


#26
2-Nitrophenol
Concen: 41.12 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:139 Resp: 218211

Ion	Ratio	Lower	Upper
139	100		
109	34.0	25.9	38.9
65	51.3	37.9	56.9



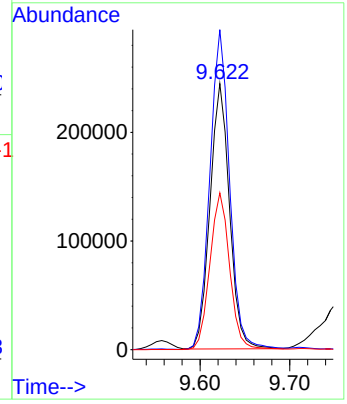


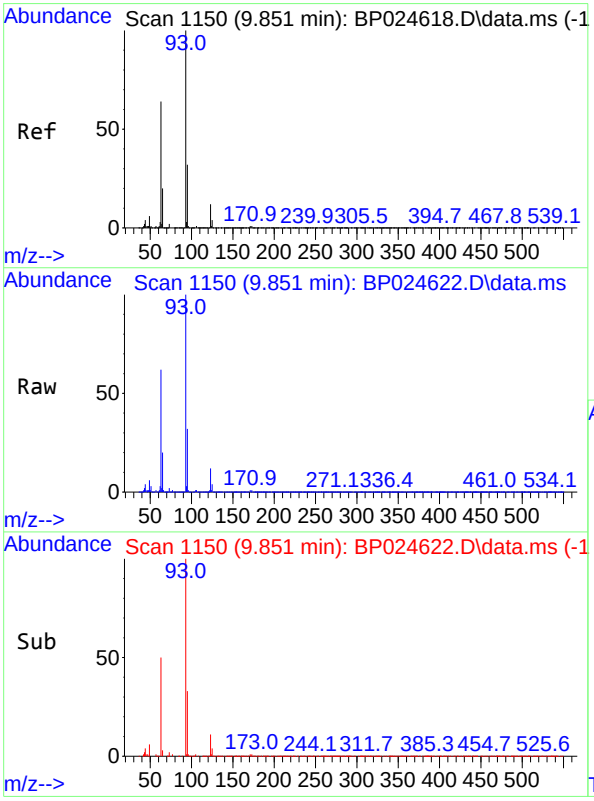
#27
2,4-Dimethylphenol
Concen: 39.48 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:122 Resp: 369418

Ion	Ratio	Lower	Upper
122	100		
107	120.3	96.2	144.2
121	58.9	47.6	71.4

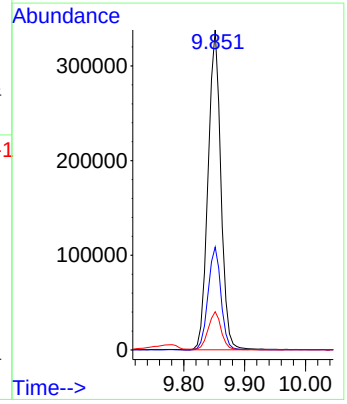


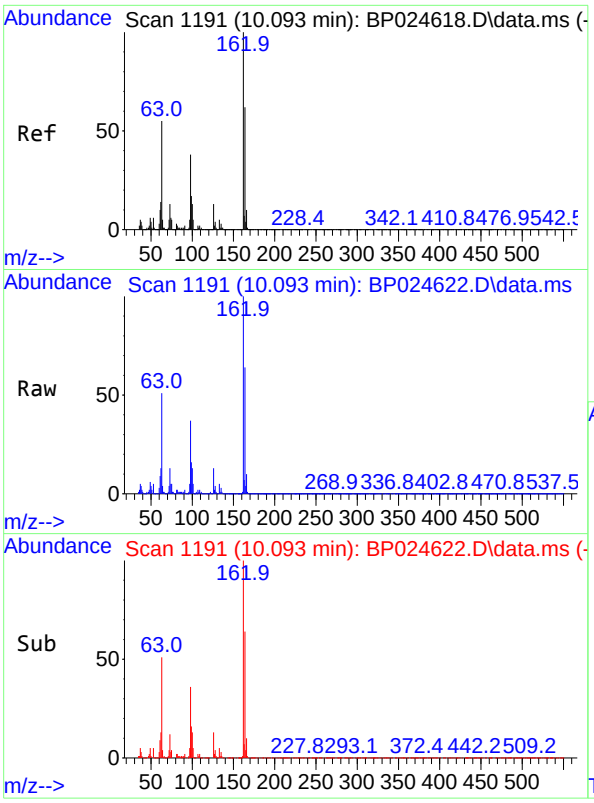


#28
bis(2-Chloroethoxy)methane
Concen: 38.71 ng
RT: 9.851 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 93 Resp: 493722

Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.5	38.3
123	12.0	9.7	14.5



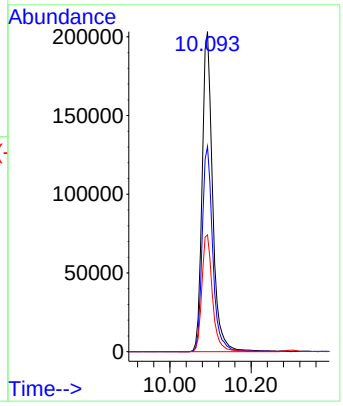


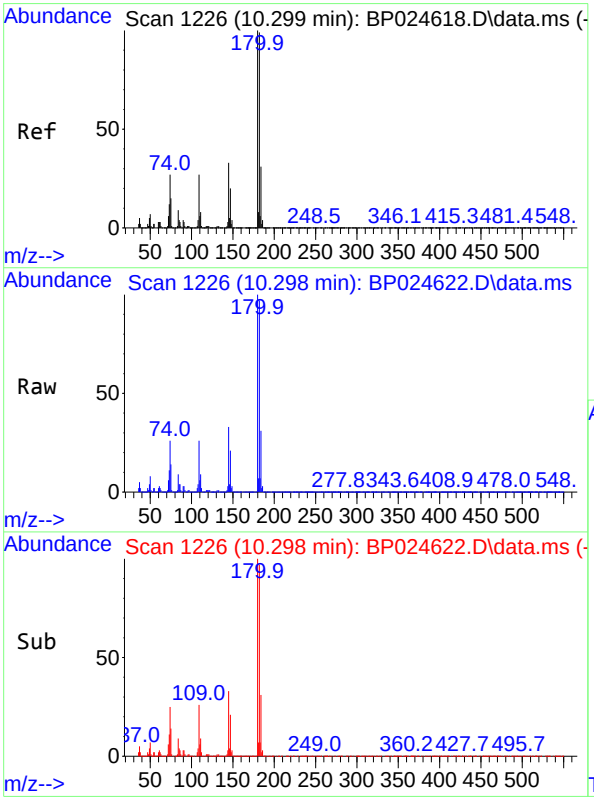
#29
2,4-Dichlorophenol
Concen: 40.19 ng
RT: 10.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:162 Resp: 364373

Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.3	82.3
98	36.5	18.4	58.4

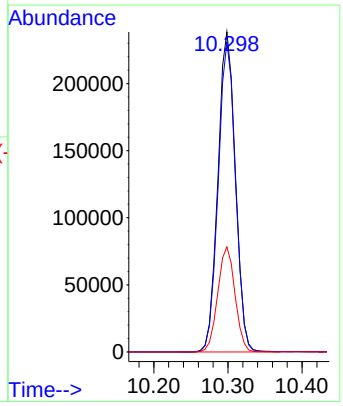


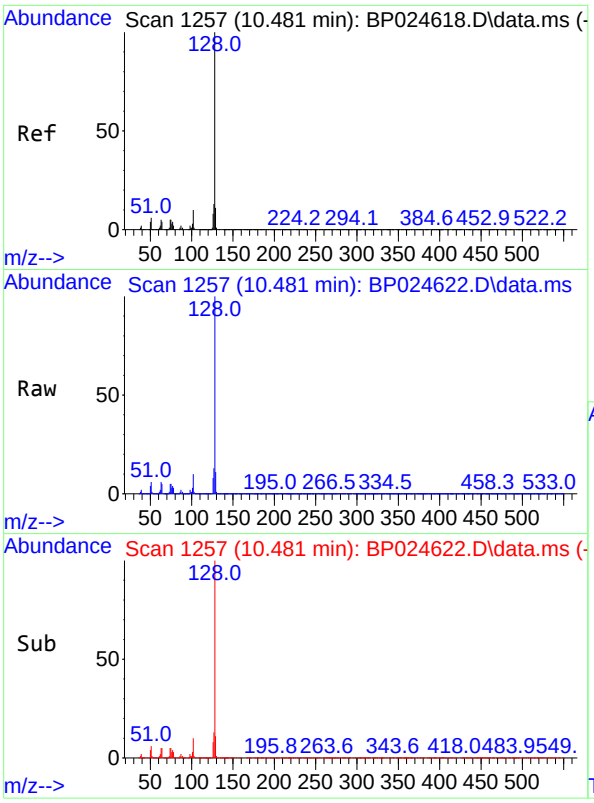


#30
1,2,4-Trichlorobenzene
Concen: 38.11 ng
RT: 10.298 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:180 Resp: 389362

Ion	Ratio	Lower	Upper
180	100		
182	96.8	79.0	118.4
145	32.9	26.6	39.8



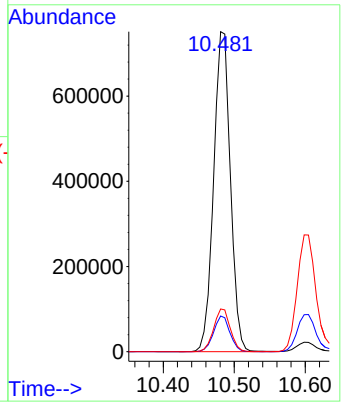


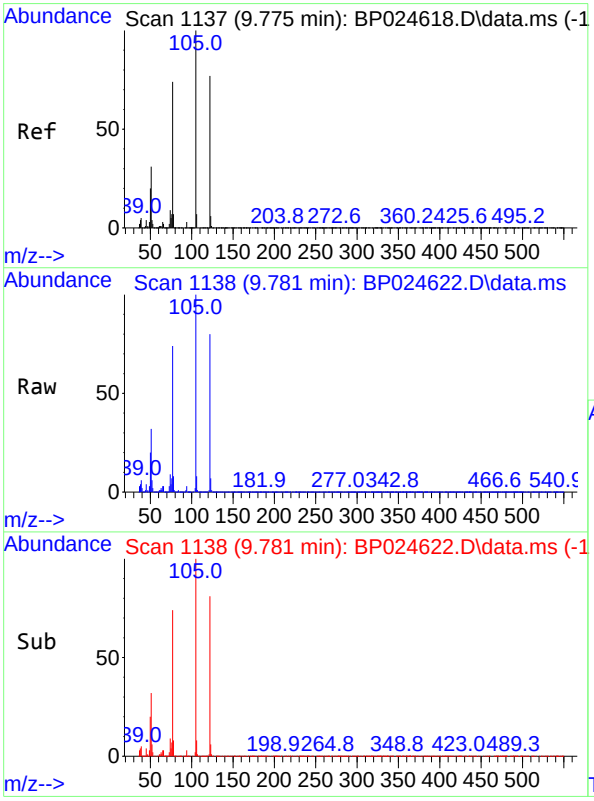
#31
Naphthalene
Concen: 38.07 ng
RT: 10.481 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:128 Resp: 1226624

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.7	16.1

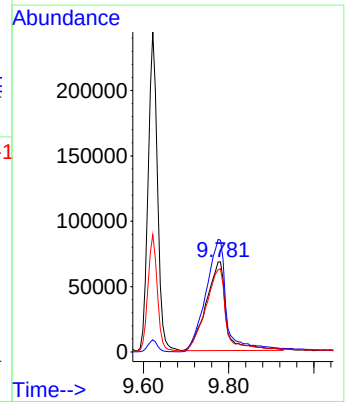


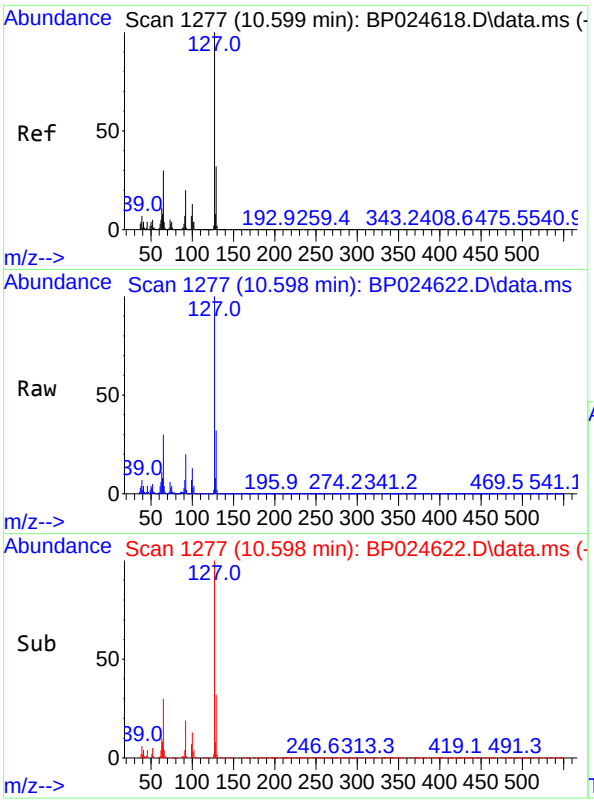


#32
Benzoic acid
Concen: 36.46 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:122 Resp: 223660

Ion	Ratio	Lower	Upper
122	100		
105	124.2	106.9	146.9
77	92.5	75.1	115.1



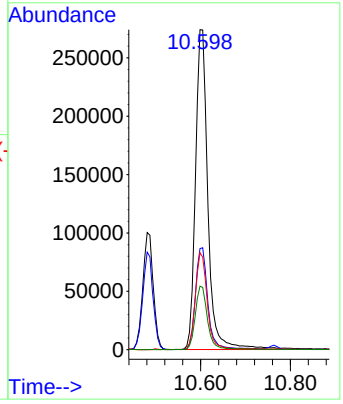


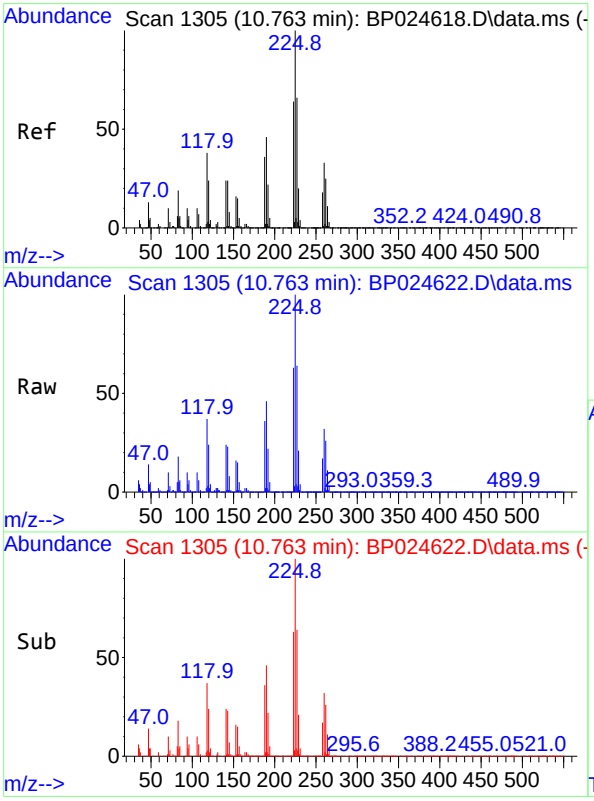
#33
4-Chloroaniline
Concen: 40.37 ng
RT: 10.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:127 Resp: 524873

Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.6
65	30.3	23.9	35.9
92	19.9	16.1	24.1

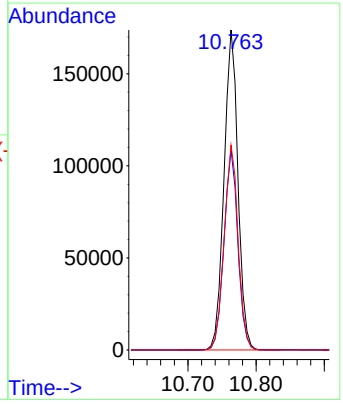


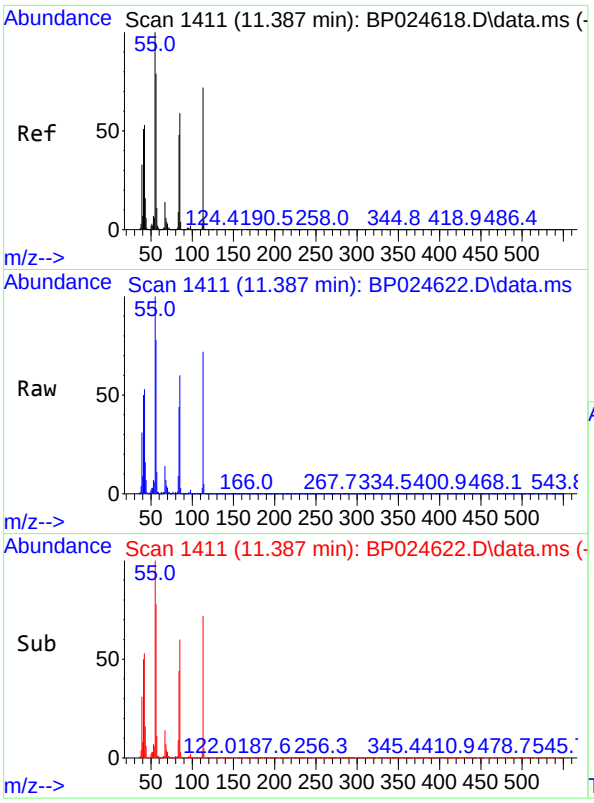


#34
Hexachlorobutadiene
Concen: 37.29 ng
RT: 10.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:225 Resp: 246776

Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	64.0	53.1	79.7



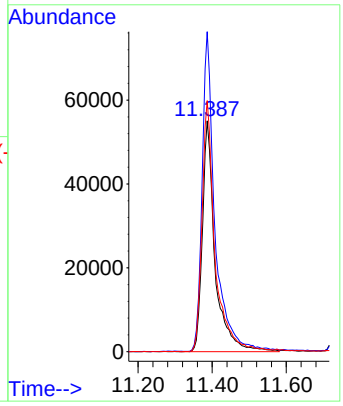


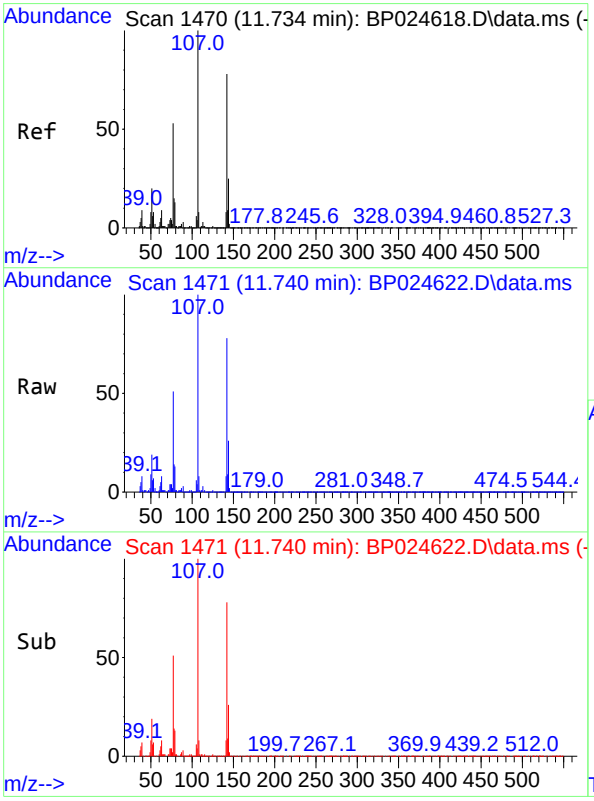
#35
Caprolactam
Concen: 39.75 ng
RT: 11.387 min Scan# 14
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:113 Resp: 130399

Ion	Ratio	Lower	Upper
113	100		
55	138.6	119.0	159.0
56	108.8	90.3	130.3

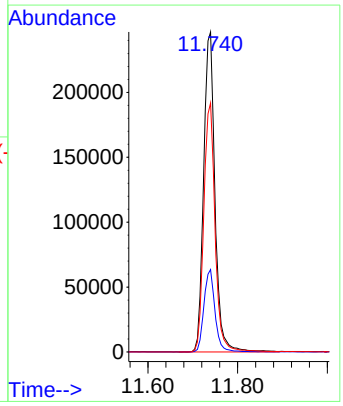


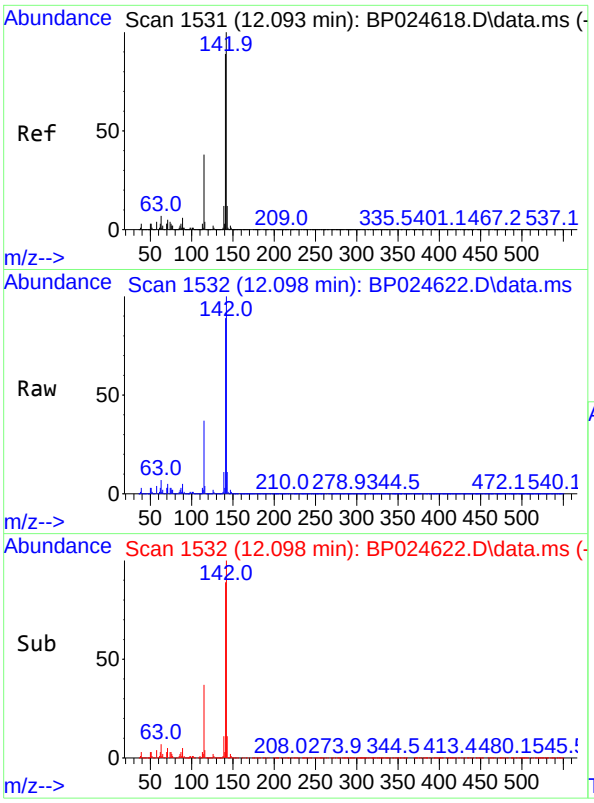


#36
4-Chloro-3-methylphenol
Concen: 39.01 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:107 Resp: 431344

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.1	30.1
142	77.8	62.1	93.1



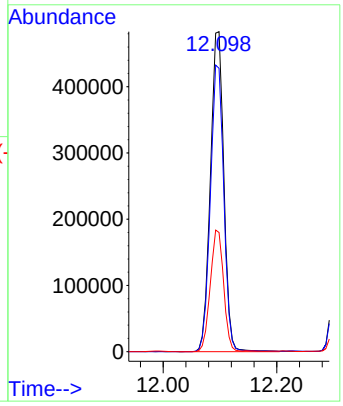


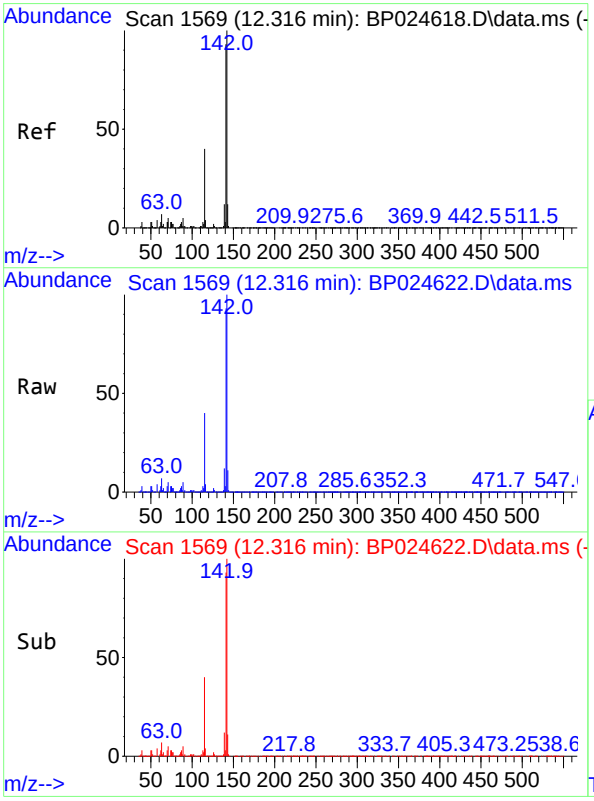
#37
2-Methylnaphthalene
Concen: 37.85 ng
RT: 12.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:142 Resp: 789724

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.2	106.8
115	37.2	30.6	46.0

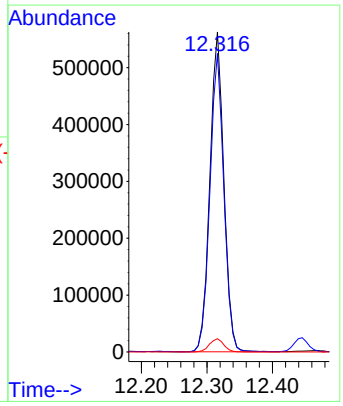


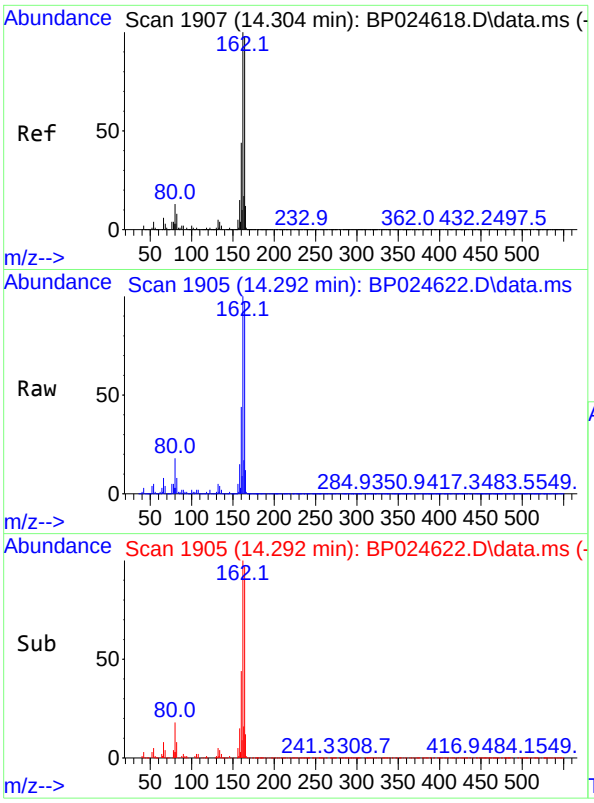


#38
1-Methylnaphthalene
Concen: 37.34 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:142 Resp: 833521

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.7	112.1
116	4.2	3.4	5.2



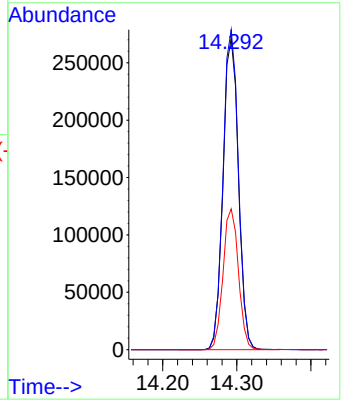


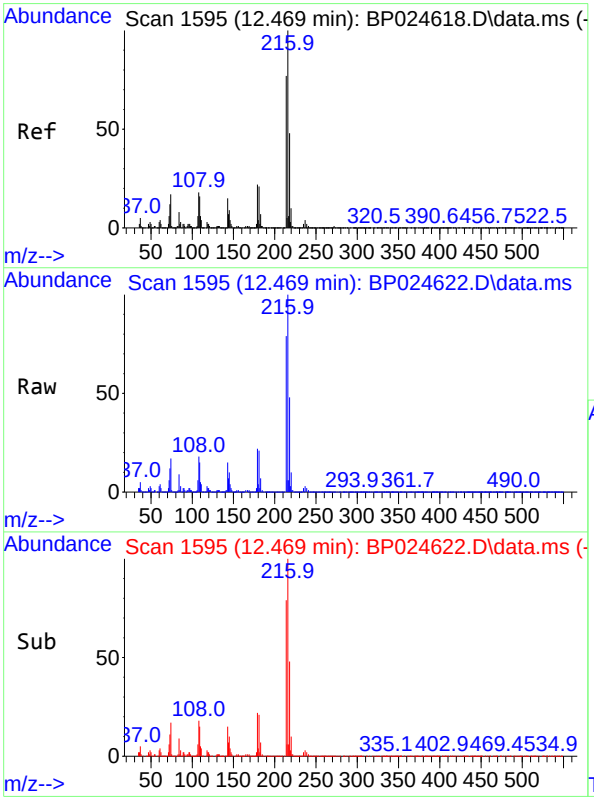
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:164 Resp: 391112

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.6
160	45.2	36.3	54.5

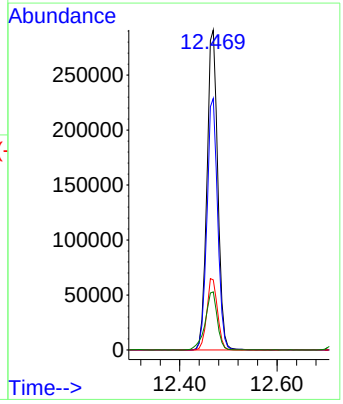


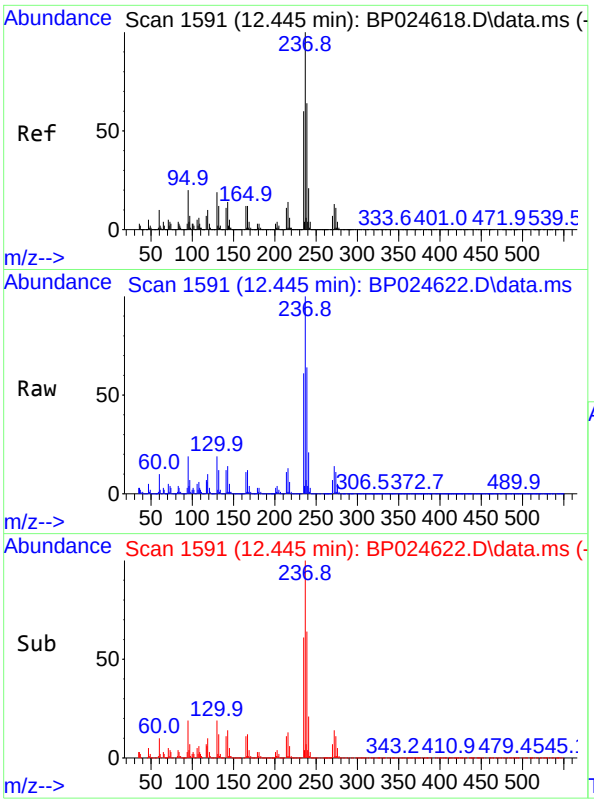


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.13 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:216 Resp: 444420

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.3	93.5
179	22.2	17.7	26.5
108	20.3	16.0	24.0



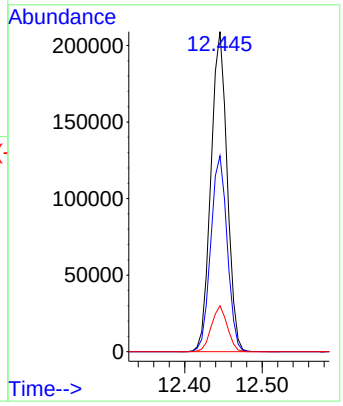


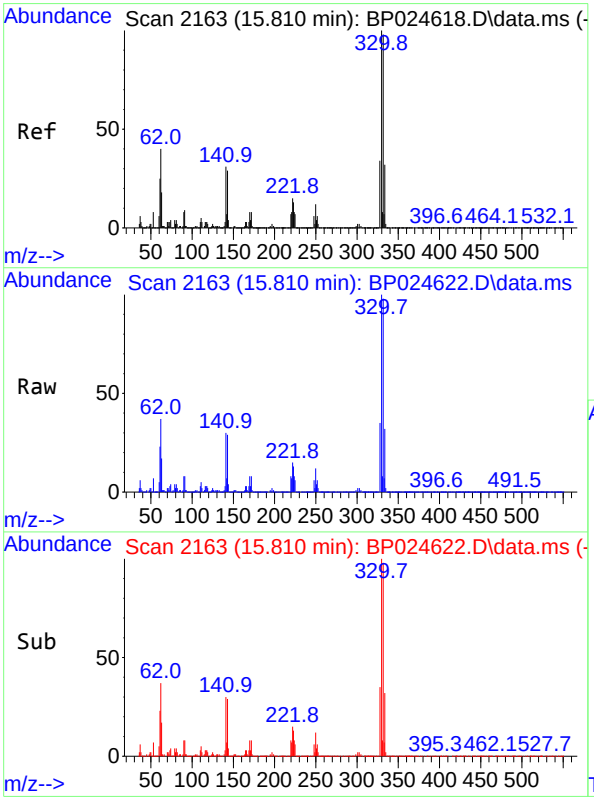
#41
Hexachlorocyclopentadiene
Concen: 44.37 ng
RT: 12.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:237 Resp: 305575

Ion	Ratio	Lower	Upper
237	100		
235	61.2	39.9	79.9
272	14.3	0.0	33.2

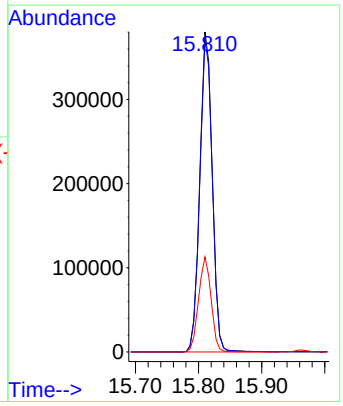


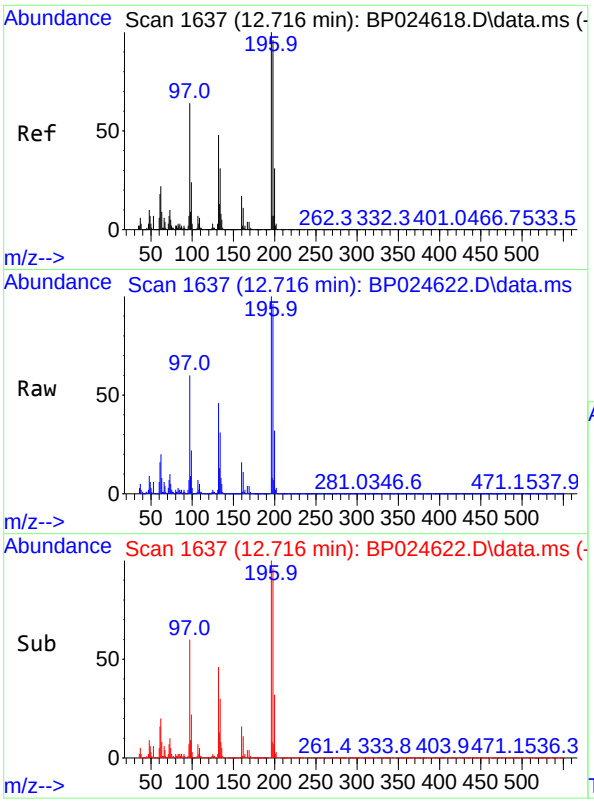


#42
2,4,6-Tribromophenol
Concen: 78.53 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:330 Resp: 520660

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.2	117.4
141	29.8	24.3	36.5



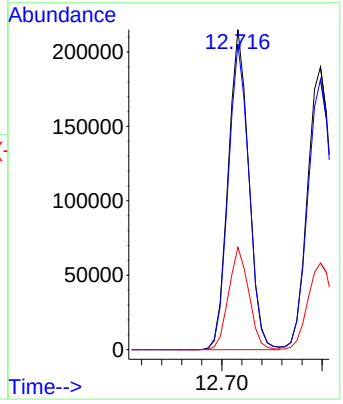


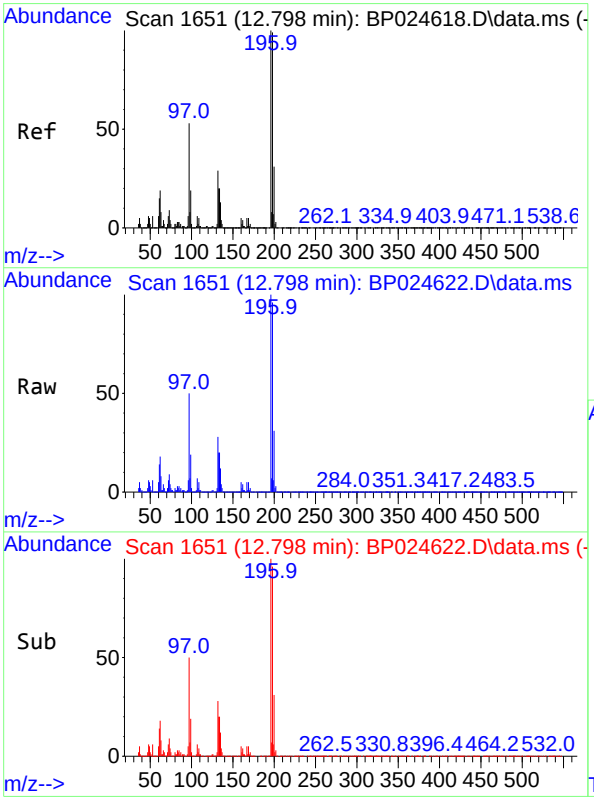
#43
2,4,6-Trichlorophenol
Concen: 41.55 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:196 Resp: 305651

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.9	115.3
200	32.0	25.2	37.8

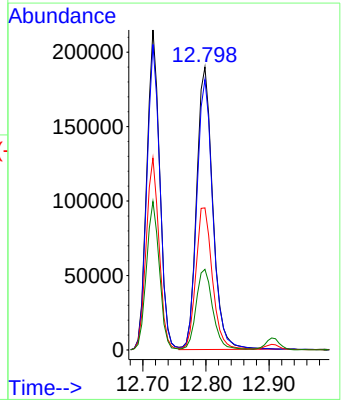


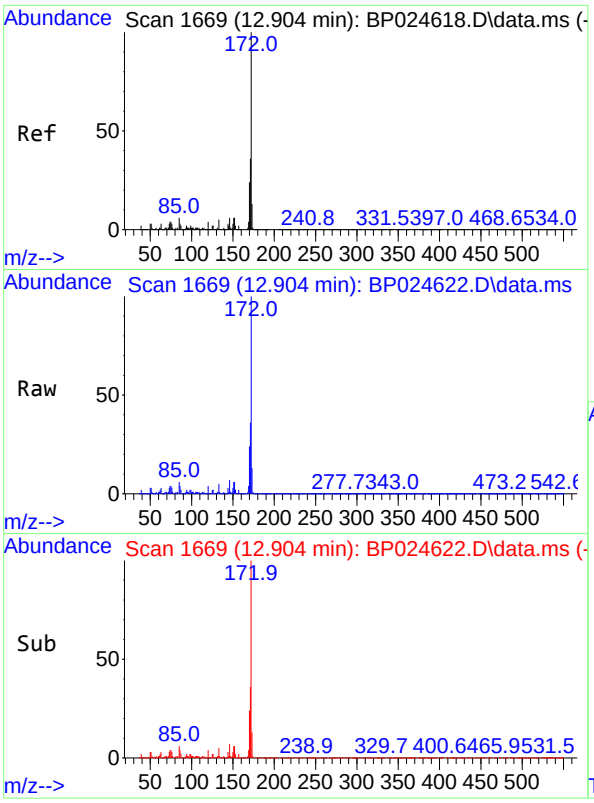


#44
2,4,5-Trichlorophenol
Concen: 41.06 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:196 Resp: 336252

Ion	Ratio	Lower	Upper
196	100		
198	95.6	79.2	118.8
97	50.2	42.3	63.5
132	28.5	23.3	34.9



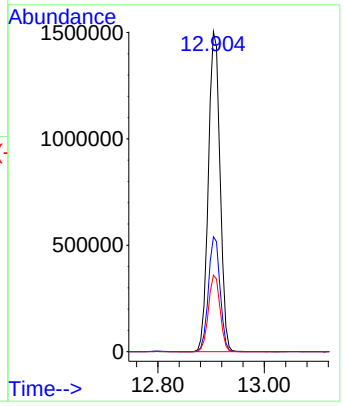


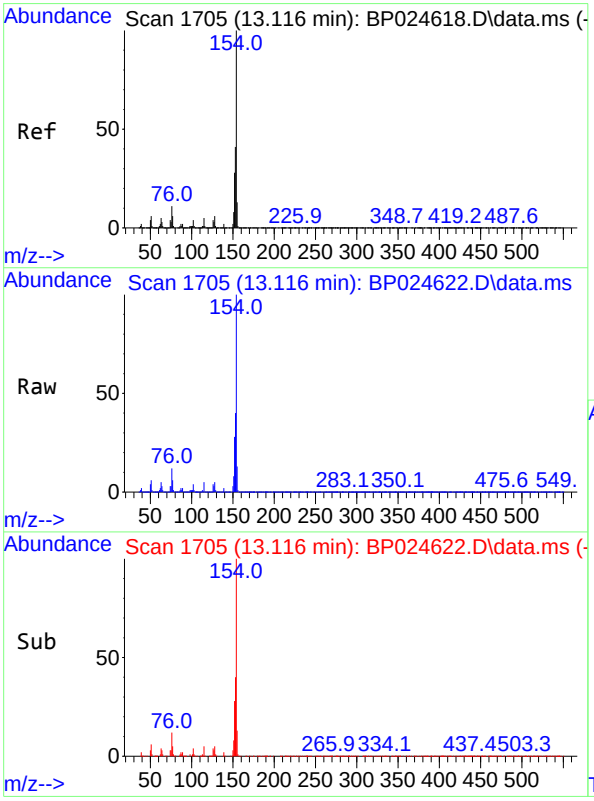
#45
2-Fluorobiphenyl
Concen: 76.73 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:172 Resp: 2290715

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.9	18.8	28.2

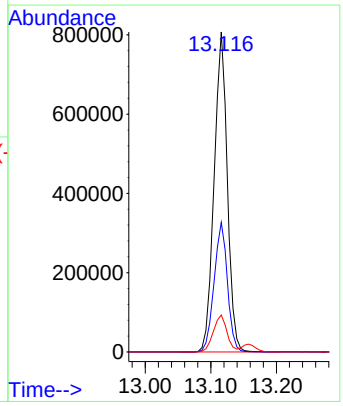


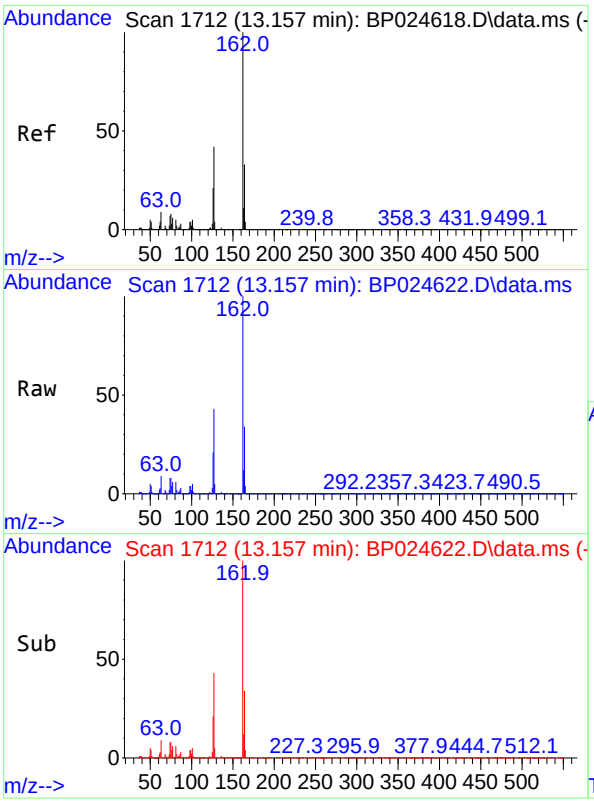


#46
1,1'-Biphenyl
Concen: 38.91 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:154 Resp: 1124669

Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.0	61.0
76	11.5	0.0	31.5



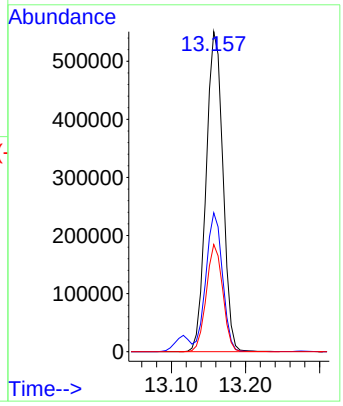


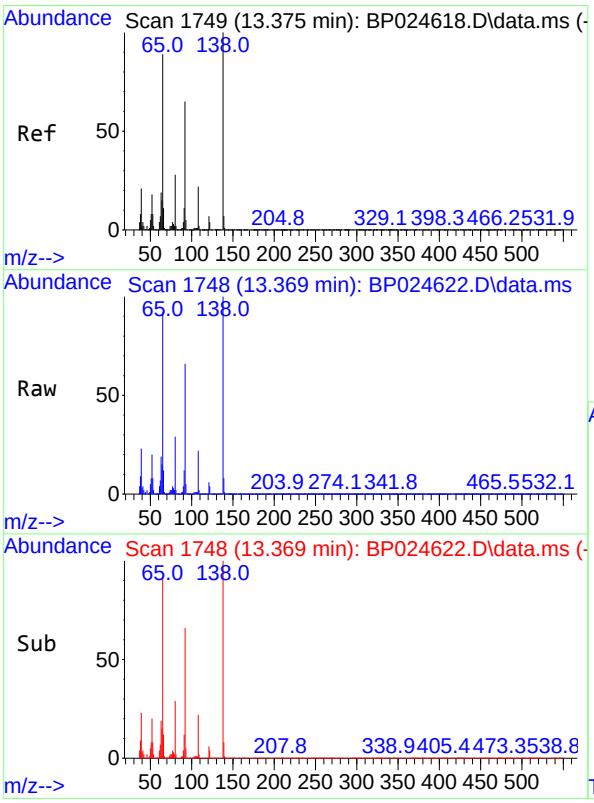
#47
2-Chloronaphthalene
Concen: 39.24 ng
RT: 13.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:162 Resp: 864853

Ion	Ratio	Lower	Upper
162	100		
127	43.4	33.8	50.6
164	33.5	26.0	39.0

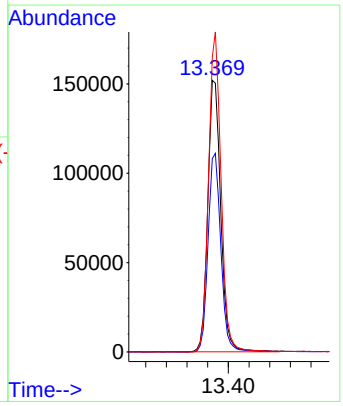


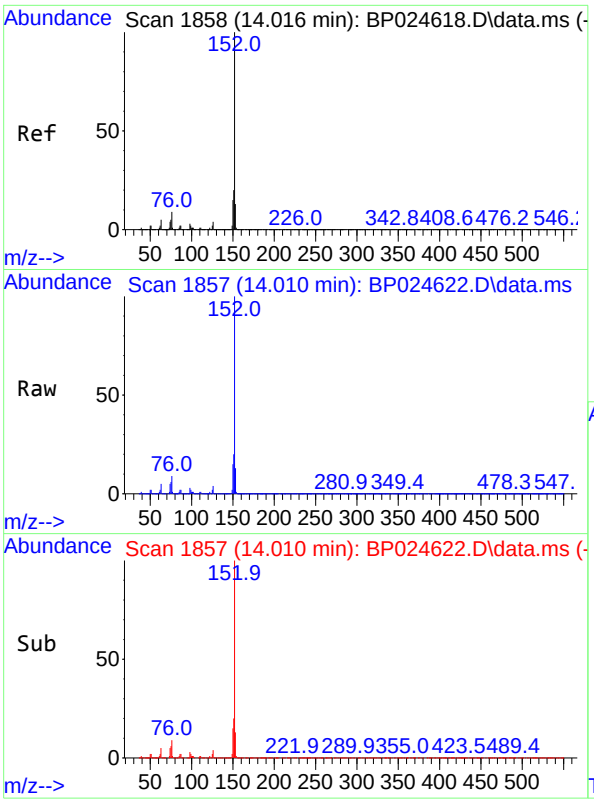


#48
2-Nitroaniline
Concen: 40.60 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 65 Resp: 264965

Ion	Ratio	Lower	Upper
65	100		
92	71.2	58.7	88.1
138	108.5	90.2	135.2



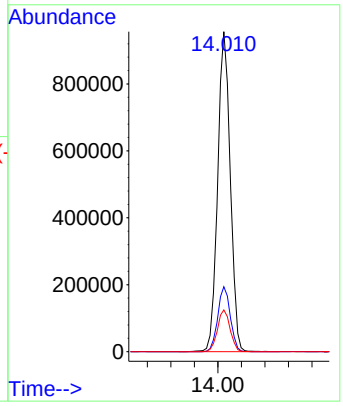


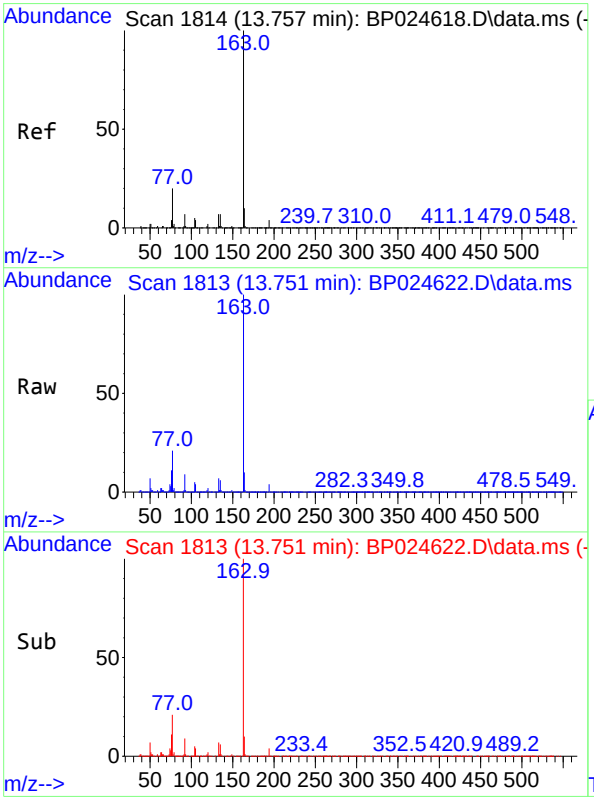
#49
Acenaphthylene
Concen: 38.49 ng
RT: 14.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:152 Resp: 1419821

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.0	10.2	15.4

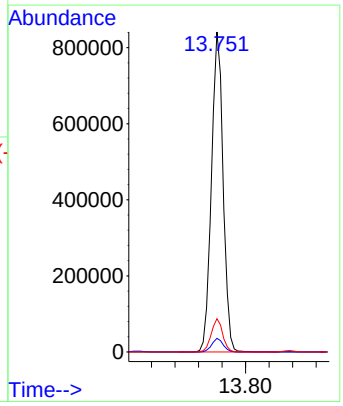


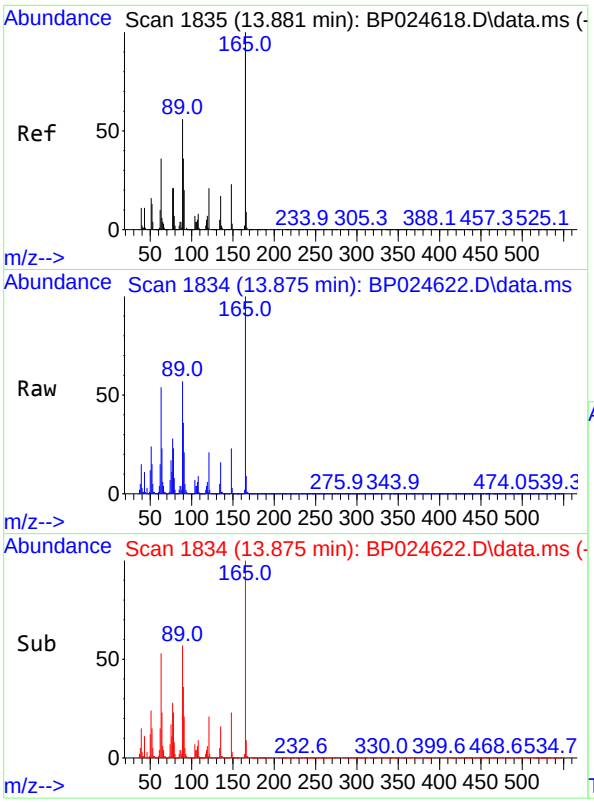


#50
Dimethylphthalate
Concen: 38.75 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:163 Resp: 1155211

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.4	8.1	12.1



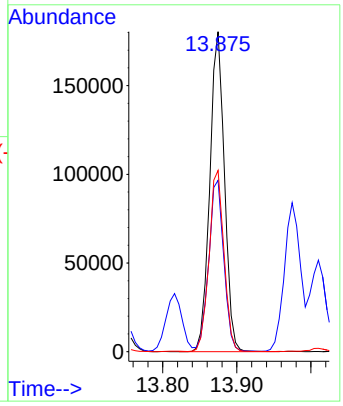


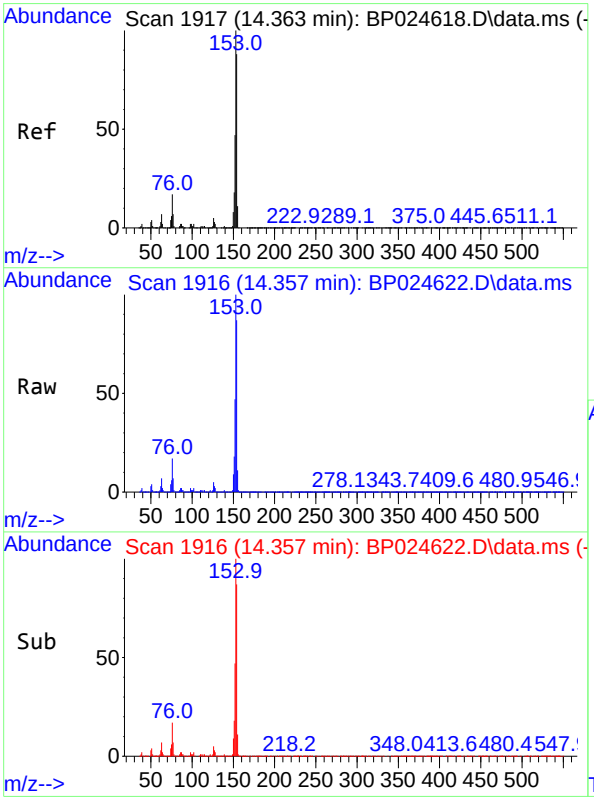
#51
2,6-Dinitrotoluene
Concen: 39.32 ng
RT: 13.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:165 Resp: 247537

Ion	Ratio	Lower	Upper
165	100		
63	53.5	42.4	63.6
89	56.6	44.8	67.2

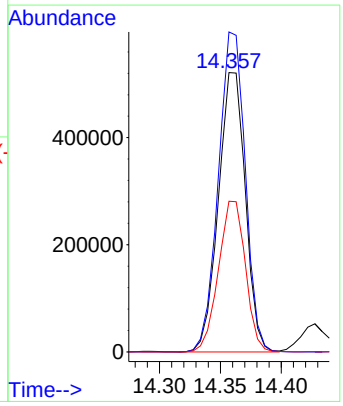


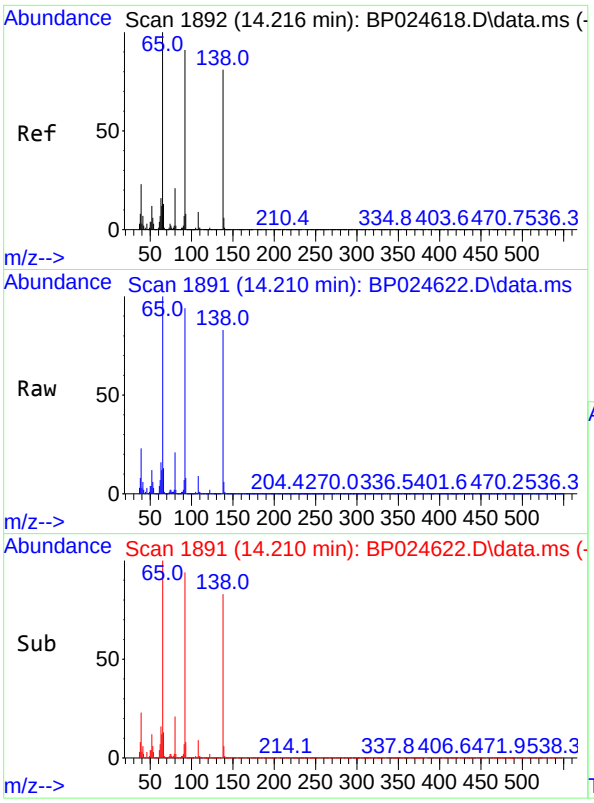


#52
Acenaphthene
Concen: 37.90 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:154 Resp: 803755

Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.0	136.4
152	54.0	42.9	64.3



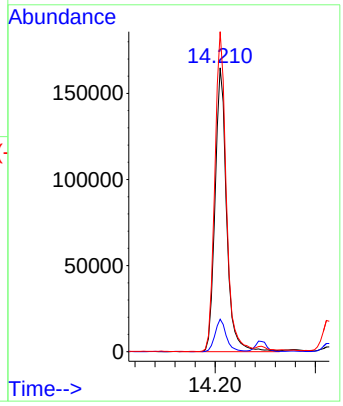


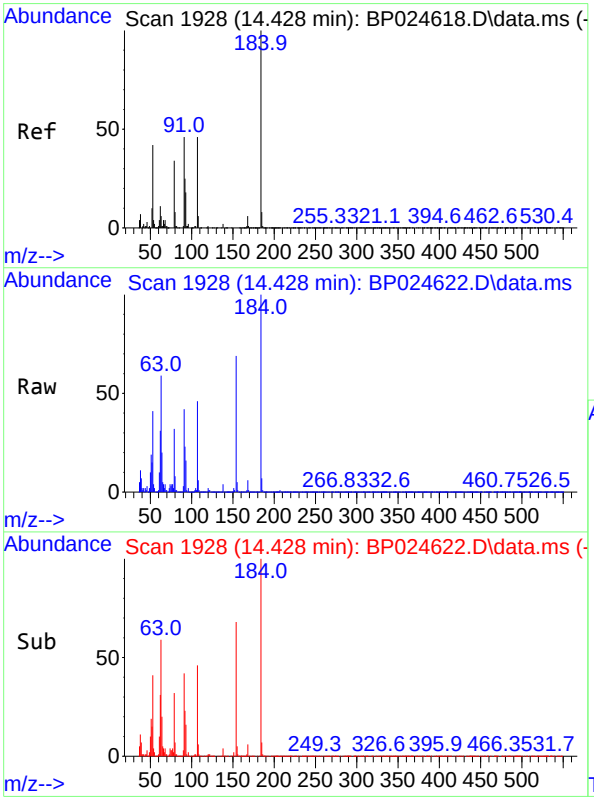
#53
3-Nitroaniline
Concen: 40.87 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:138 Resp: 262737

Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.0	13.4
92	112.7	90.1	135.1

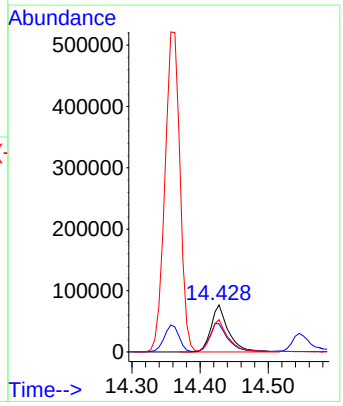


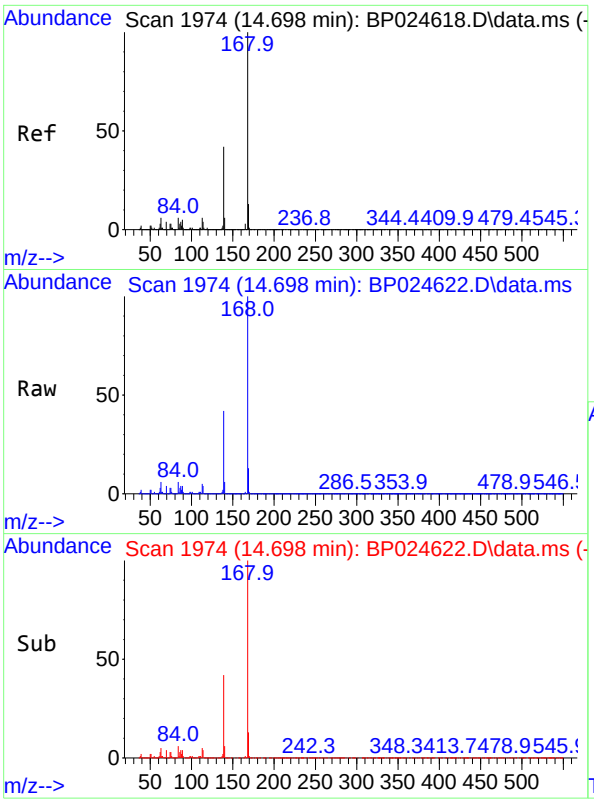


#54
2,4-Dinitrophenol
Concen: 37.83 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:184 Resp: 135624

Ion	Ratio	Lower	Upper
184	100		
63	59.3	51.3	76.9
154	68.5	53.5	80.3



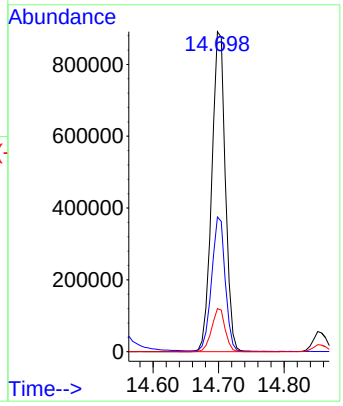


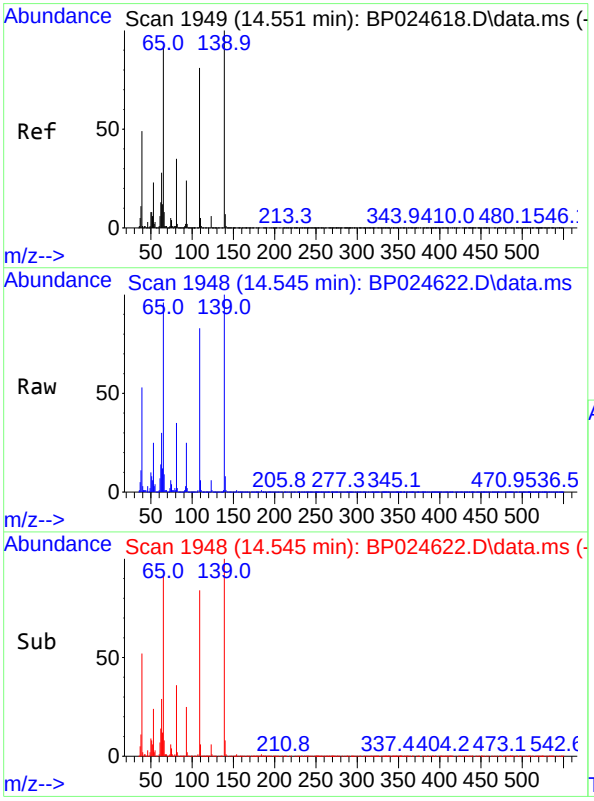
#55
Dibenzofuran
Concen: 37.91 ng
RT: 14.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:168 Resp: 1282228

Ion	Ratio	Lower	Upper
168	100		
139	42.1	34.2	51.4
169	13.5	10.8	16.2

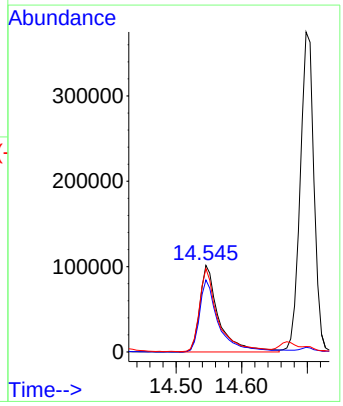


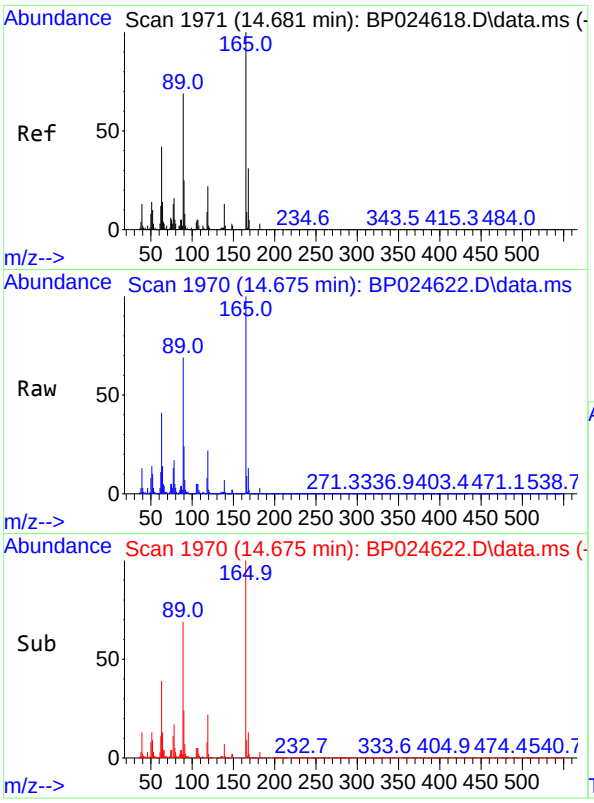


#56
4-Nitrophenol
Concen: 38.70 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:139 Resp: 202528

Ion	Ratio	Lower	Upper
139	100		
109	83.2	61.4	101.4
65	96.3	72.2	112.2



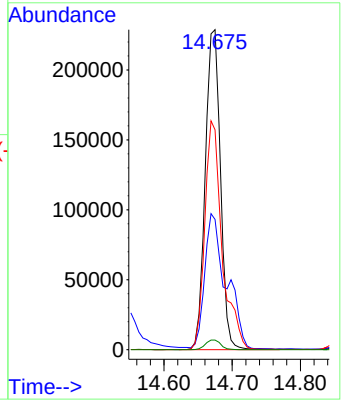


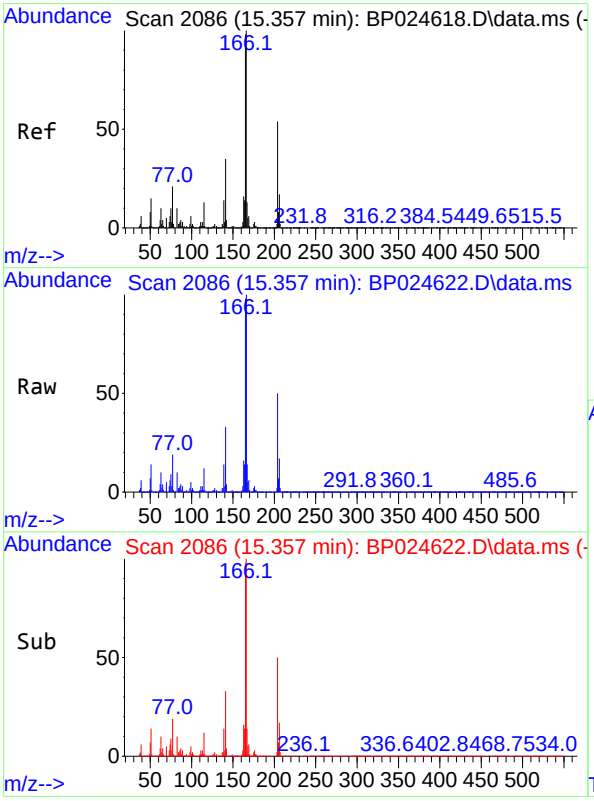
#57
2,4-Dinitrotoluene
Concen: 39.97 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:165 Resp: 354817

Ion	Ratio	Lower	Upper
165	100		
63	40.7	33.8	50.6
89	68.7	55.6	83.4
182	3.0	2.4	3.6

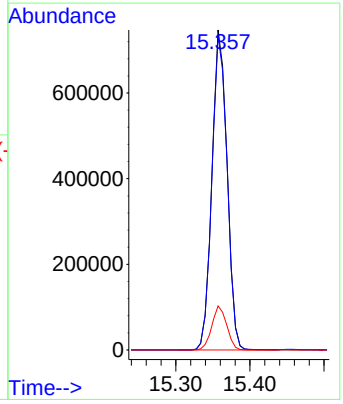


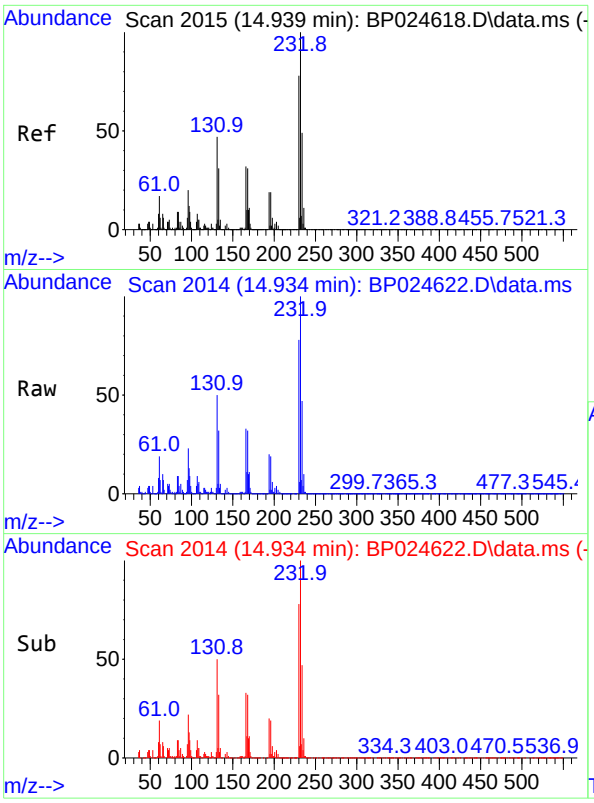


#58
Fluorene
Concen: 38.42 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:166 Resp: 1059642

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.5	117.7
167	13.8	10.7	16.1



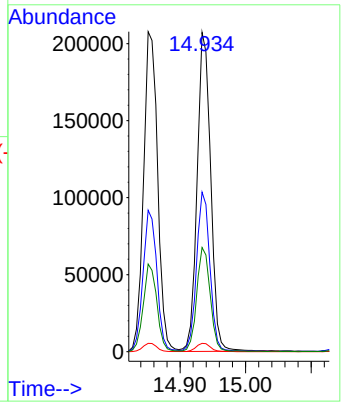


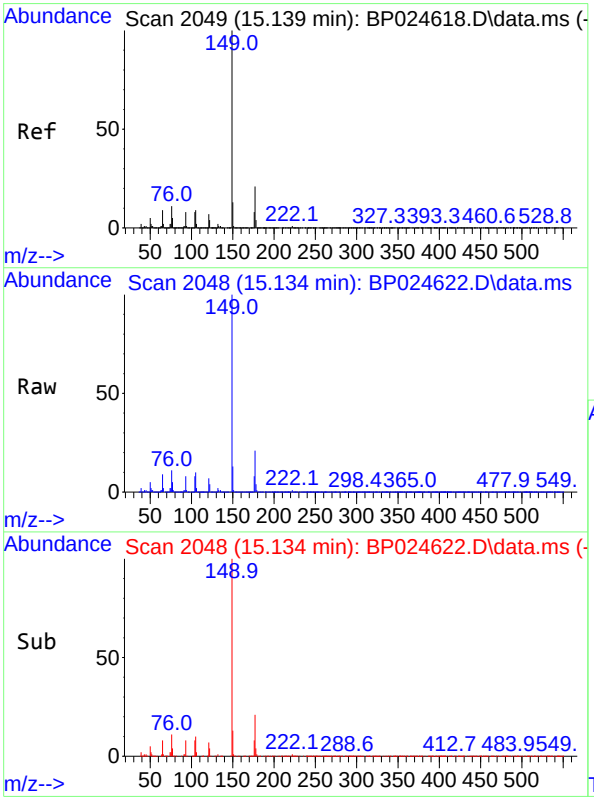
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.27 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:232 Resp: 298327

Ion	Ratio	Lower	Upper
232	100		
131	48.9	39.5	59.3
130	2.8	2.2	3.4
166	32.5	25.7	38.5

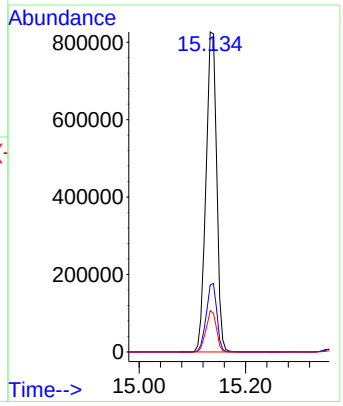


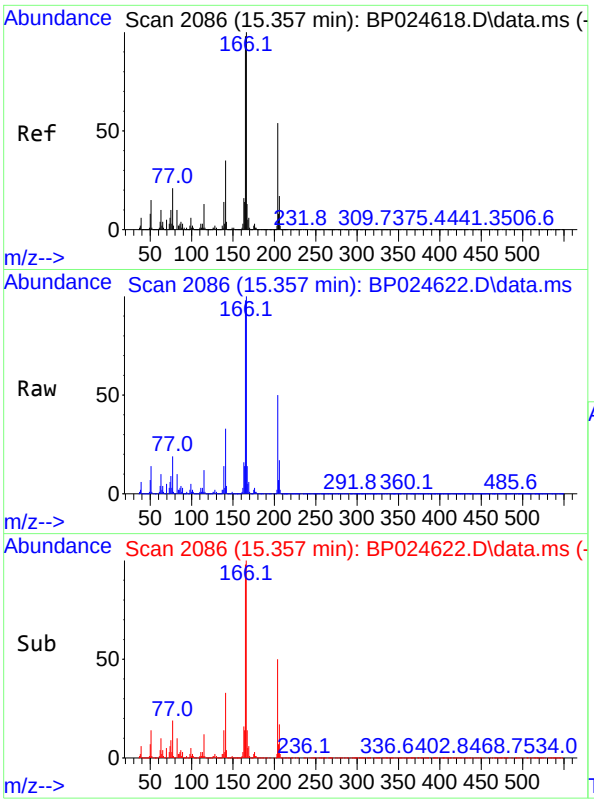


#60
Diethylphthalate
Concen: 38.17 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:149 Resp: 1150091

Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	12.9	10.2	15.2



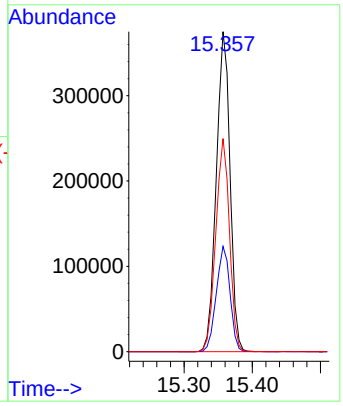


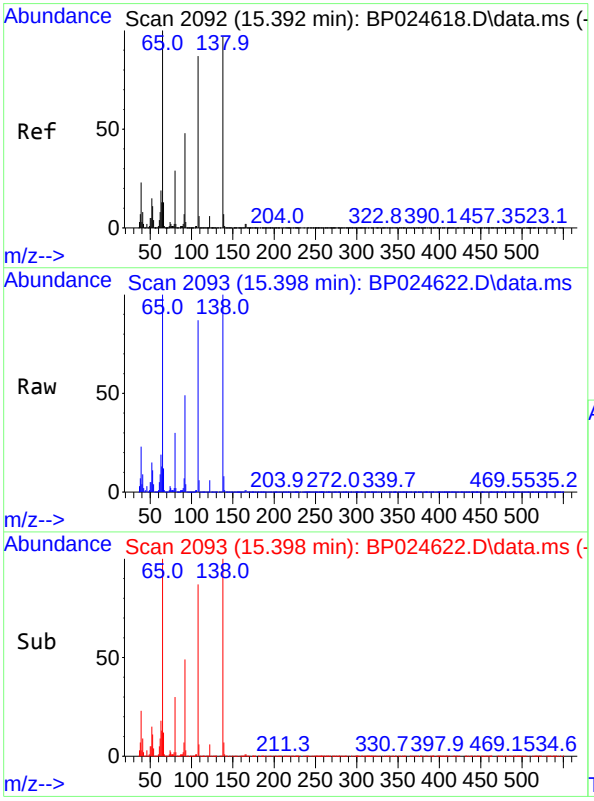
#61
4-Chlorophenyl-phenylether
Concen: 38.25 ng
RT: 15.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:204 Resp: 526066

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.0	39.0
141	66.6	52.9	79.3

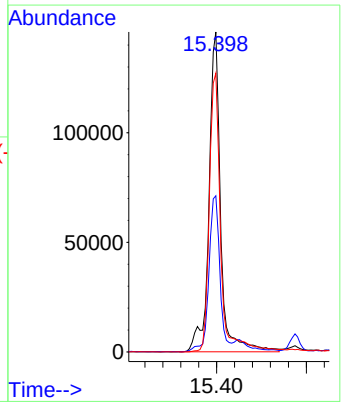


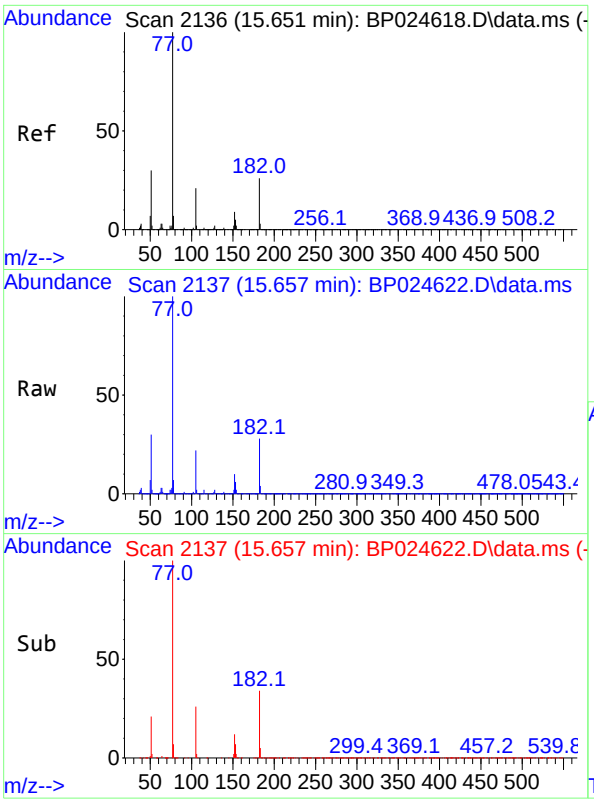


#62
4-Nitroaniline
Concen: 42.72 ng
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:138 Resp: 265185

Ion	Ratio	Lower	Upper
138	100		
92	48.8	29.2	69.2
108	87.1	69.0	109.0



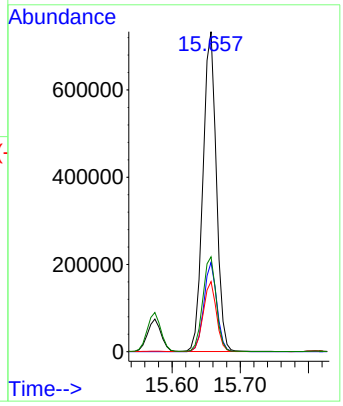


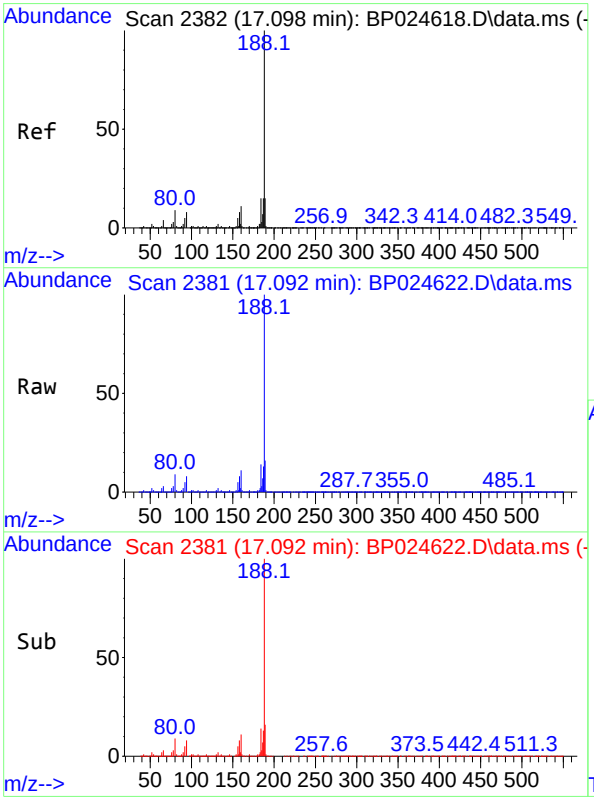
#63
Azobenzene
Concen: 38.82 ng
RT: 15.657 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 77 Resp: 1000653

Ion	Ratio	Lower	Upper
77	100		
182	27.9	5.7	45.7
105	21.9	1.3	41.3
51	29.7	10.6	50.6

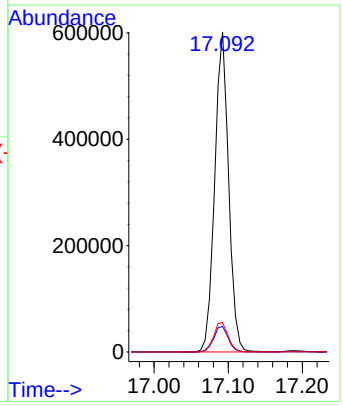


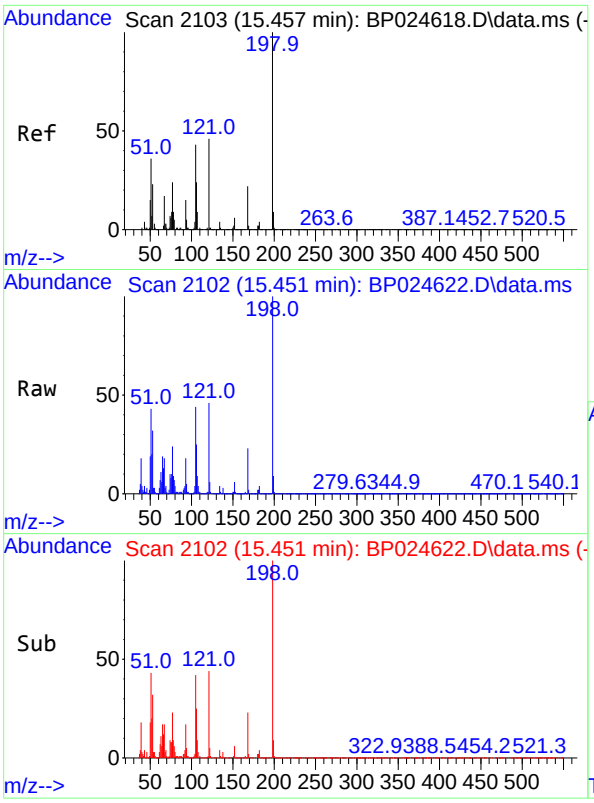


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:188 Resp: 780511

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.5	9.7
80	9.2	7.3	10.9



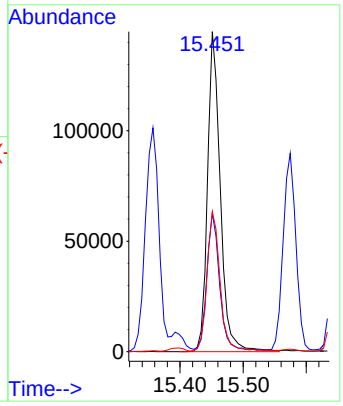


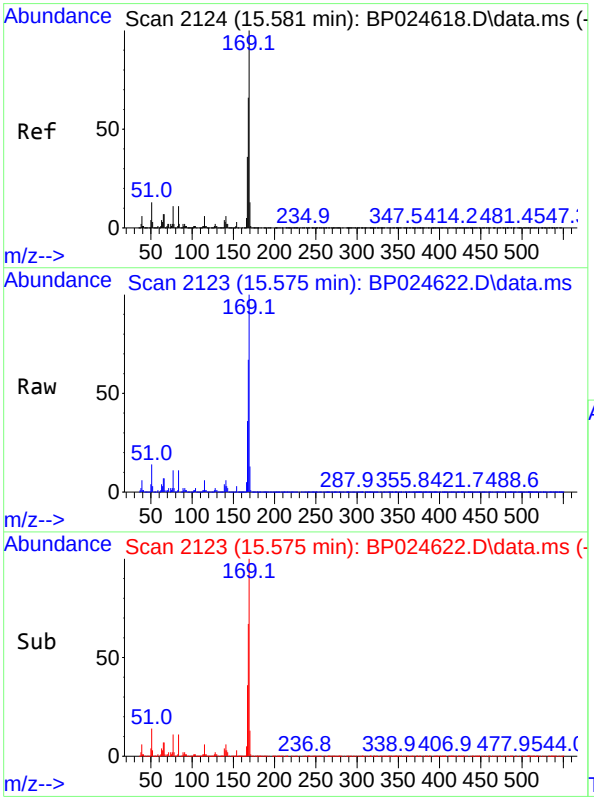
#65
4,6-Dinitro-2-methylphenol
Concen: 40.30 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:198 Resp: 203200

Ion	Ratio	Lower	Upper
198	100		
51	43.2	21.1	61.1
105	43.8	23.6	63.6

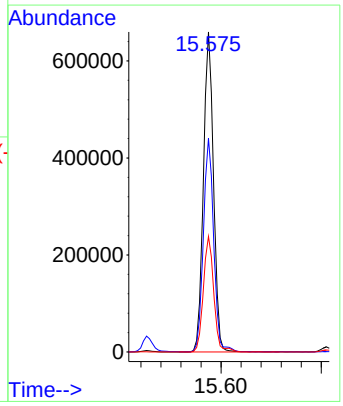


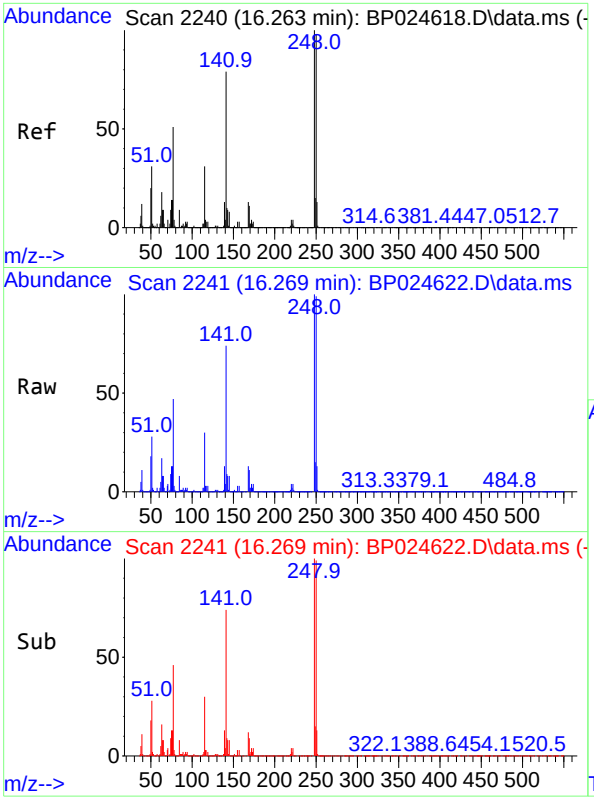


#66
n-Nitrosodiphenylamine
Concen: 38.38 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:169 Resp: 920187

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	36.1	28.6	43.0



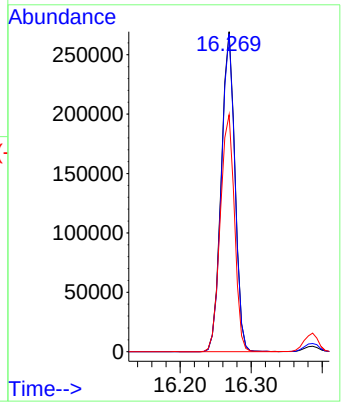


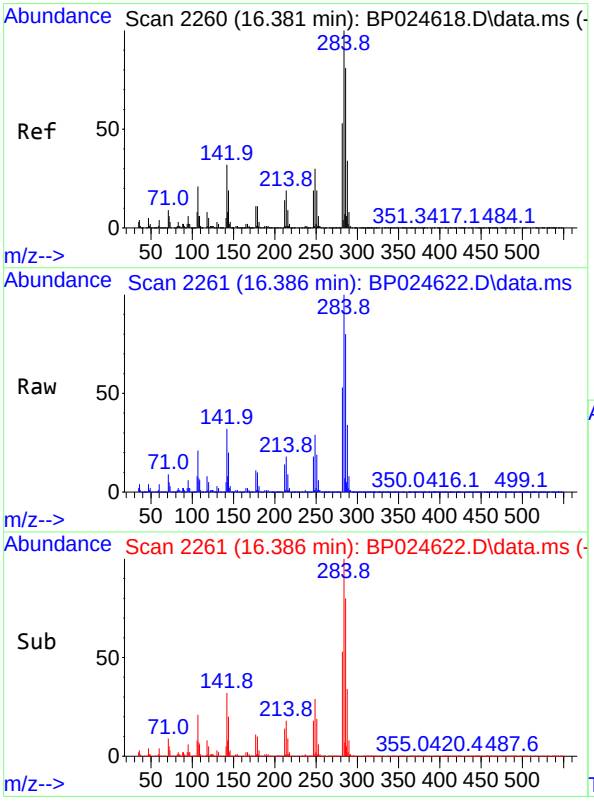
#67
4-Bromophenyl-phenylether
Concen: 38.91 ng
RT: 16.269 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:248 Resp: 357846

Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.2	117.4
141	74.1	63.0	94.6

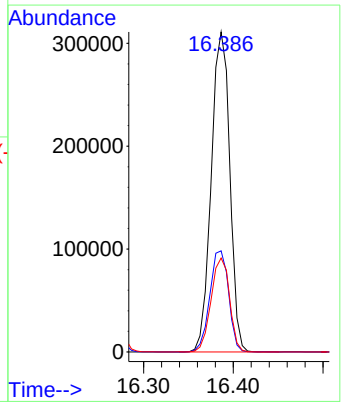


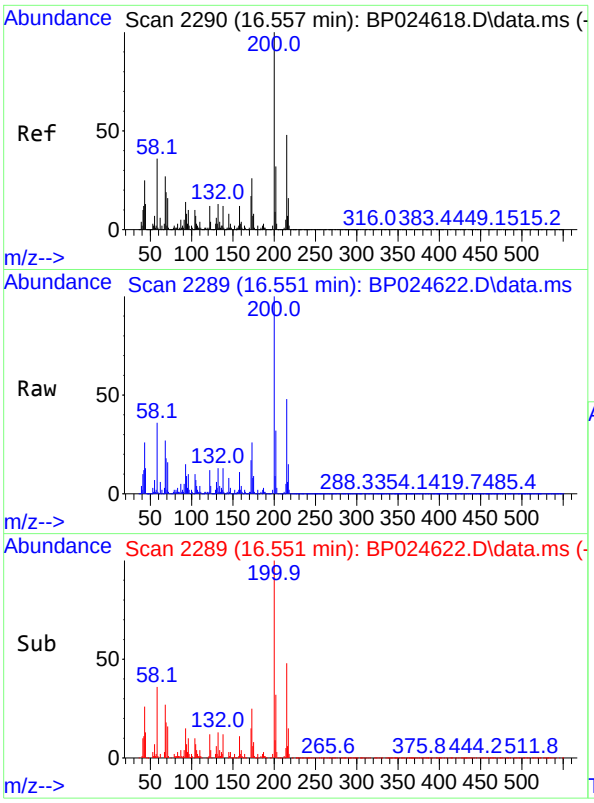


#68
Hexachlorobenzene
Concen: 38.18 ng
RT: 16.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:284 Resp: 446142

Ion	Ratio	Lower	Upper
284	100		
142	31.6	25.9	38.9
249	29.3	24.1	36.1



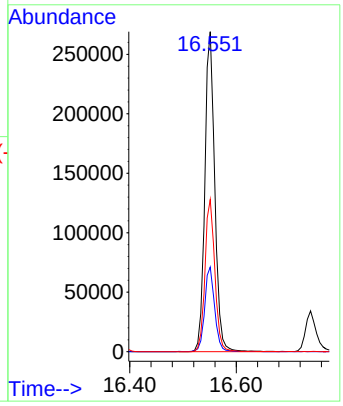


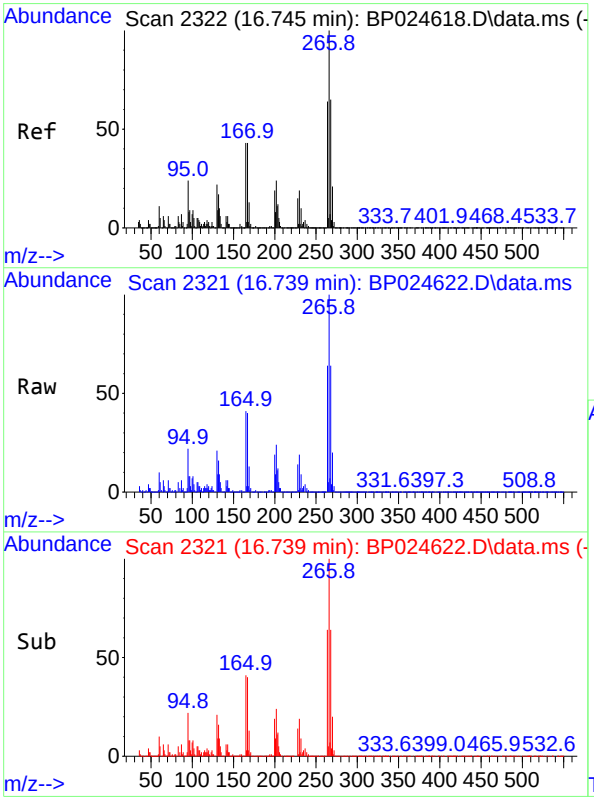
#69
Atrazine
Concen: 39.57 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:200 Resp: 347661

Ion	Ratio	Lower	Upper
200	100		
173	26.4	5.9	45.9
215	47.6	28.3	68.3

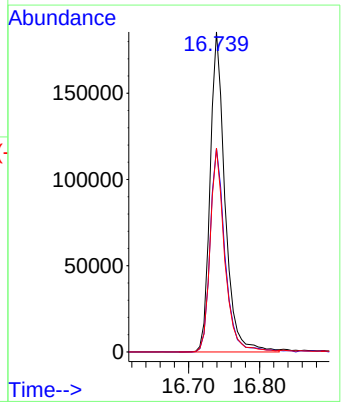


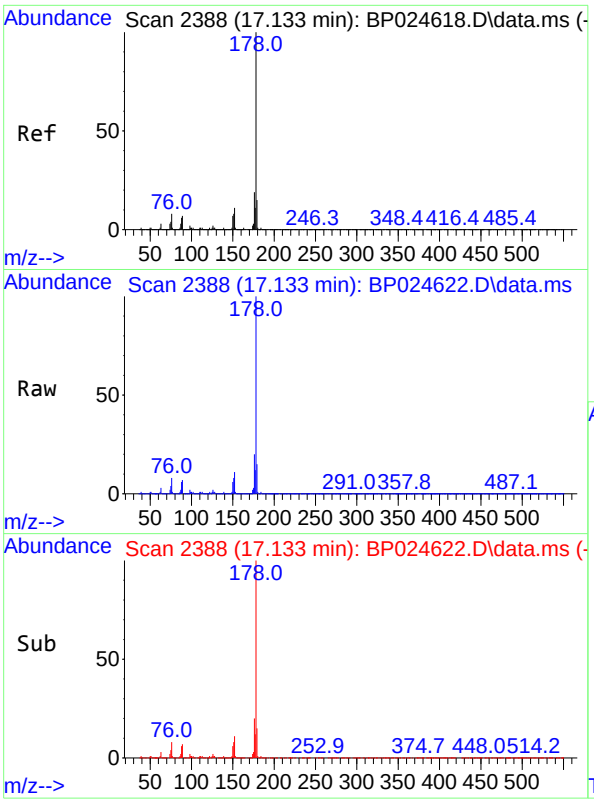


#70
Pentachlorophenol
Concen: 41.12 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:266 Resp: 269781

Ion	Ratio	Lower	Upper
266	100		
268	63.7	52.2	78.4
264	63.6	51.1	76.7



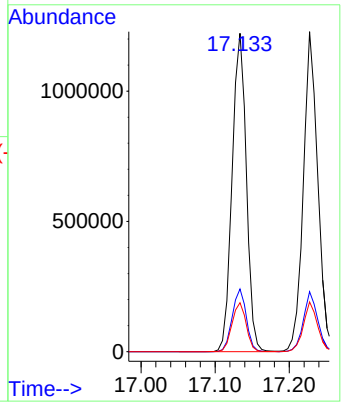


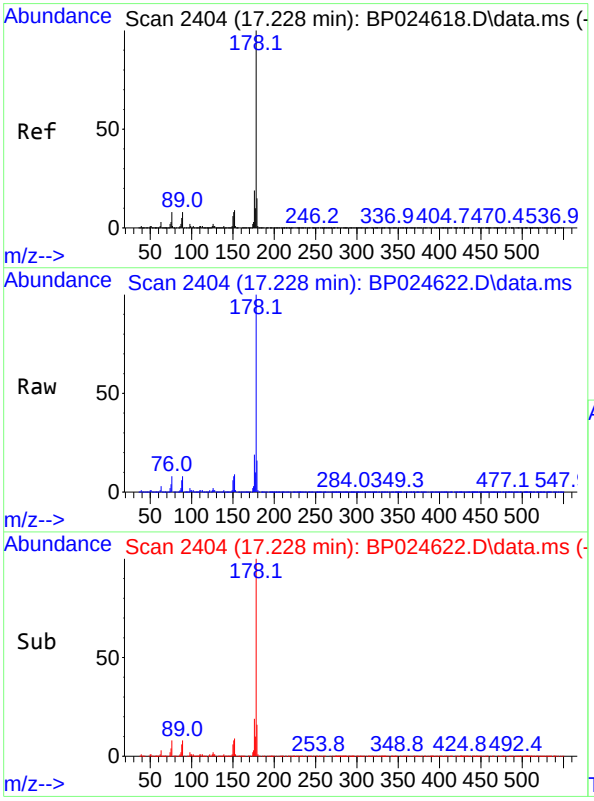
#71
Phenanthrene
Concen: 37.55 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:178 Resp: 1629118

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.4	12.2	18.4

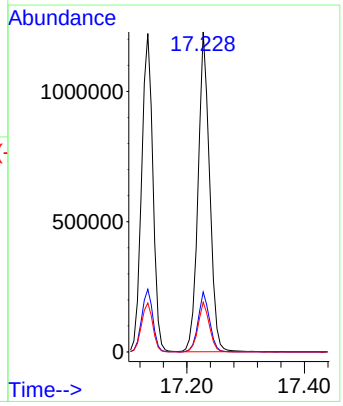


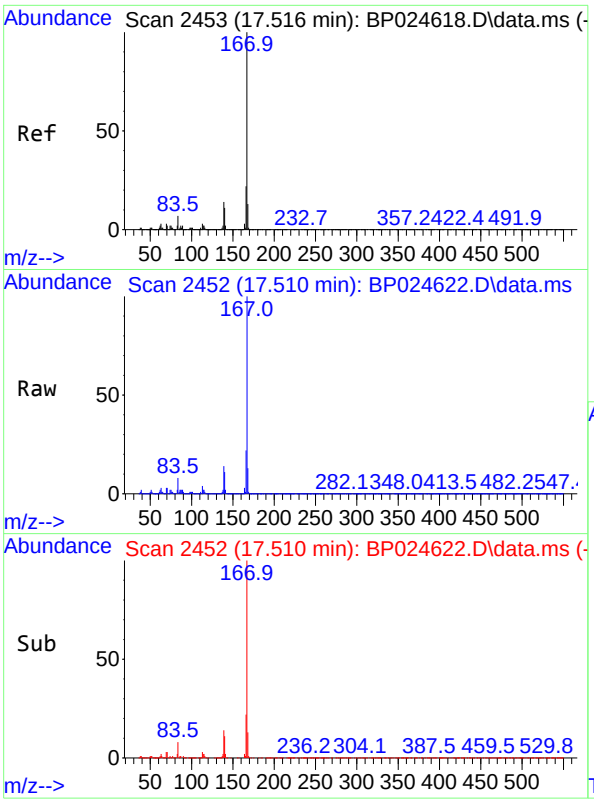


#72
Anthracene
Concen: 38.24 ng
RT: 17.228 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:178 Resp: 1669395

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.2	18.2



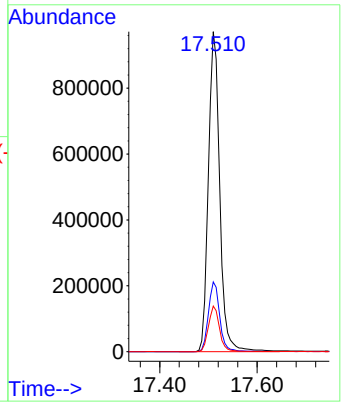


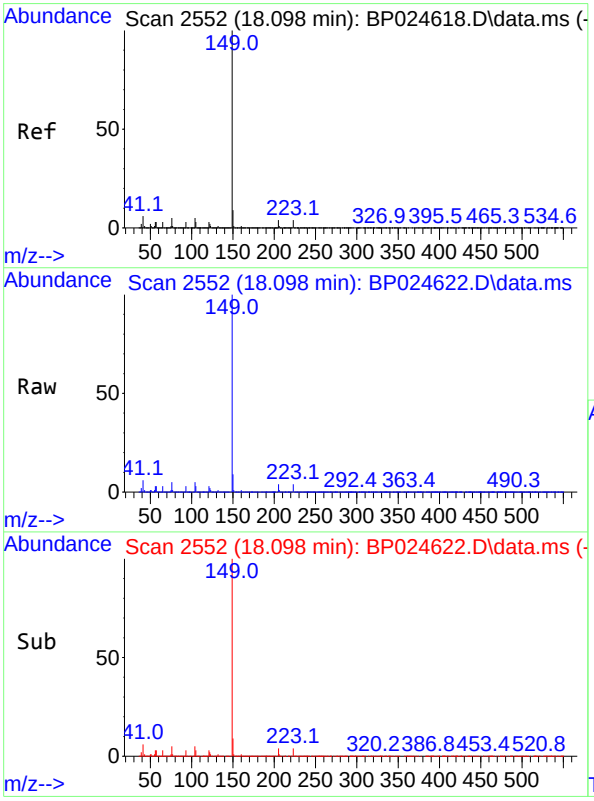
#73
Carbazole
Concen: 39.57 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:167 Resp: 1563685

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	14.2	11.3	16.9

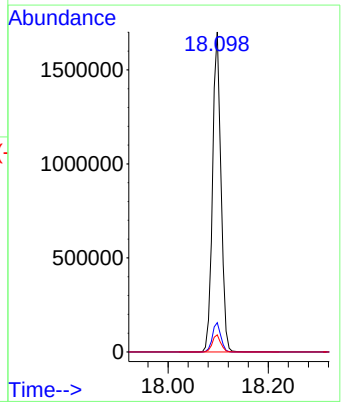


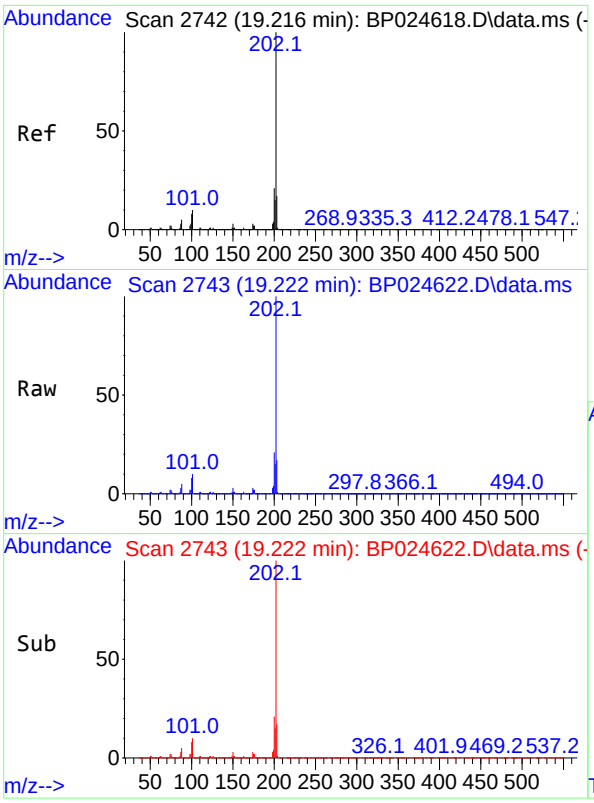


#74
Di-n-butylphthalate
Concen: 38.94 ng
RT: 18.098 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:149 Resp: 1978741

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.4	4.3	6.5



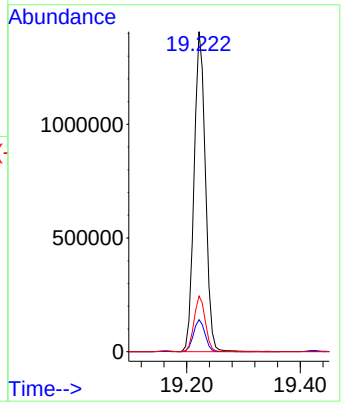


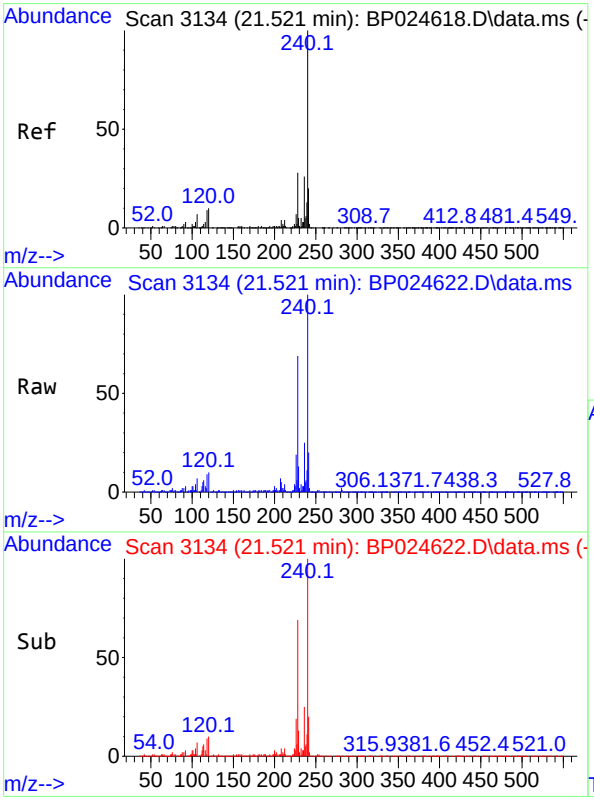
#75
Fluoranthene
Concen: 38.57 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:202 Resp: 1956043

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.3
203	17.4	0.0	37.5

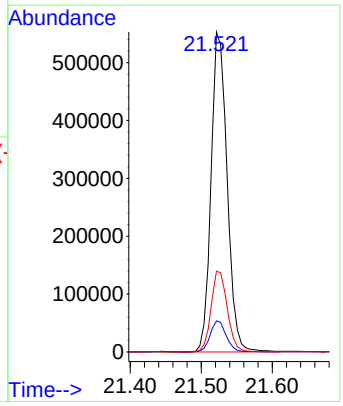


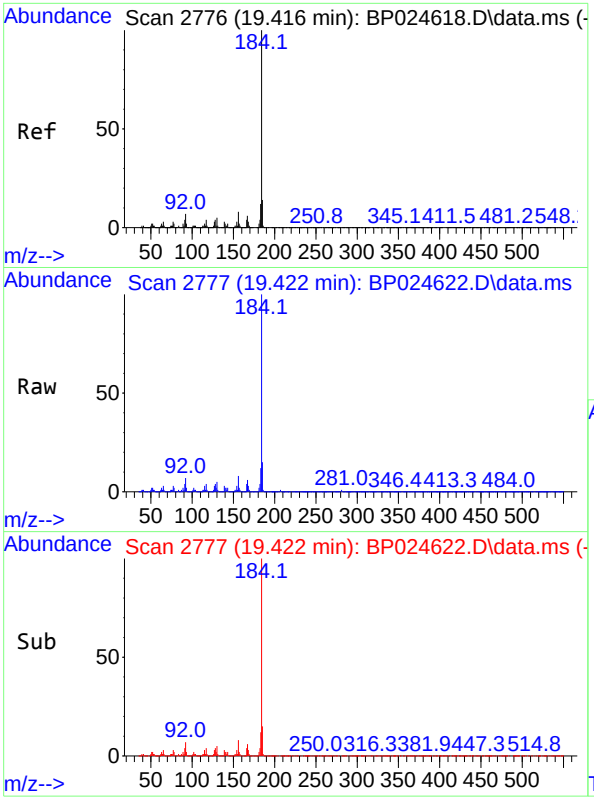


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:240 Resp: 868822

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.8	11.6
236	25.2	20.6	31.0



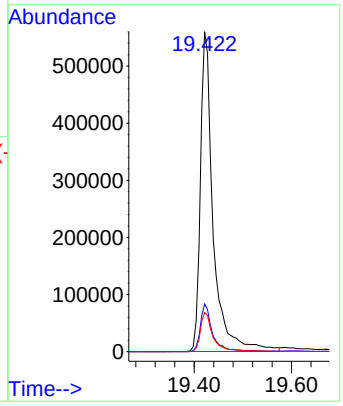


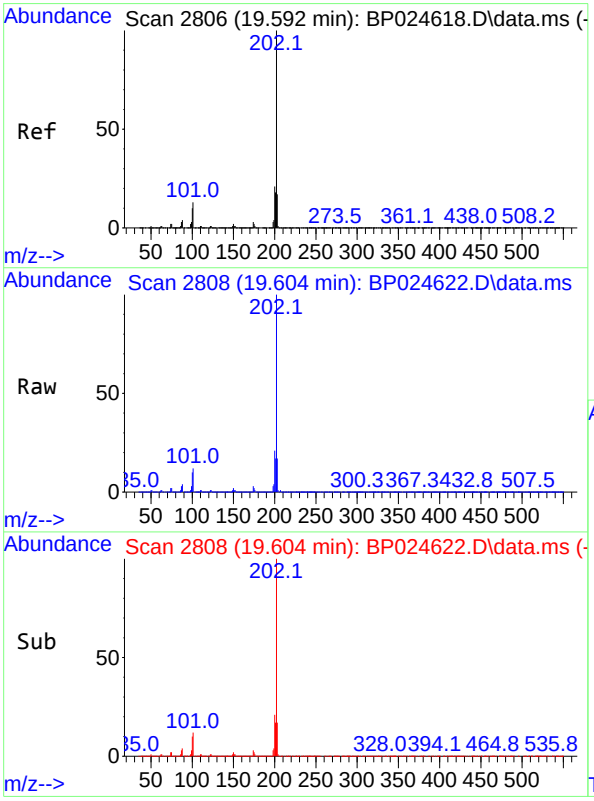
#77
Benzidine
Concen: 43.25 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:184 Resp: 1023514

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.2	16.8
183	12.3	9.8	14.8

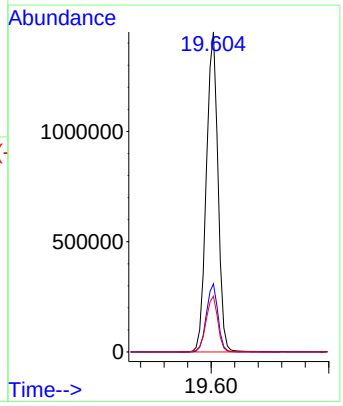


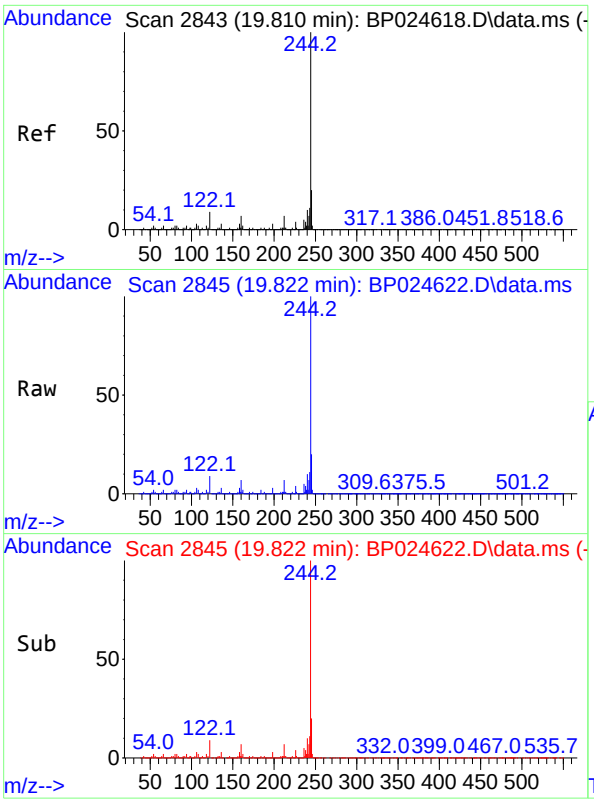


#78
Pyrene
Concen: 38.28 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:202 Resp: 1992845

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.5	13.9	20.9



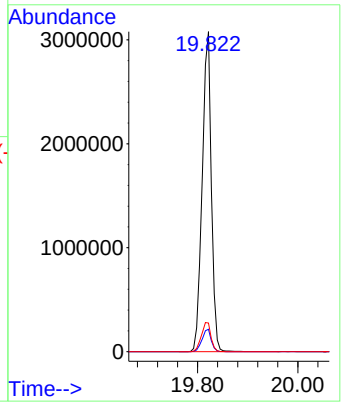


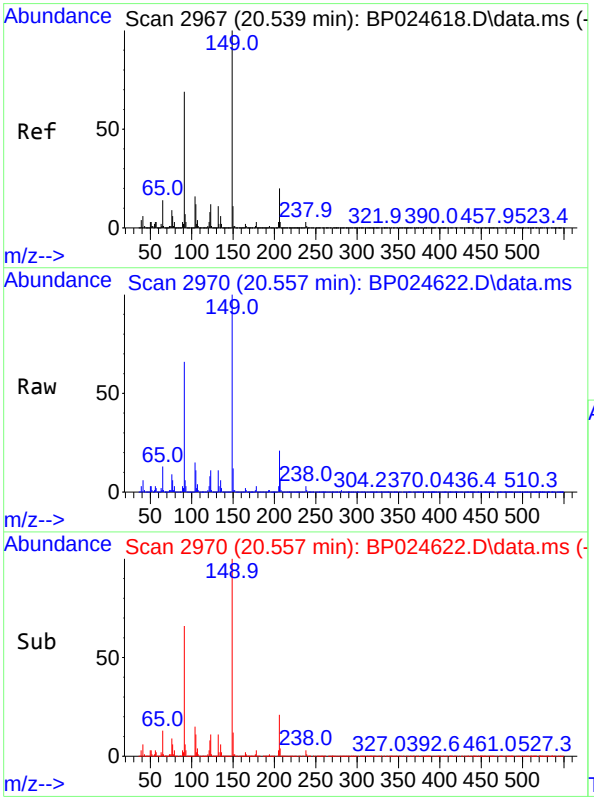
#79
Terphenyl-d14
Concen: 76.75 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:244 Resp: 3889002

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.0	7.4	11.0

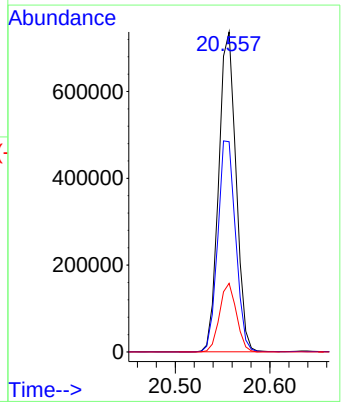


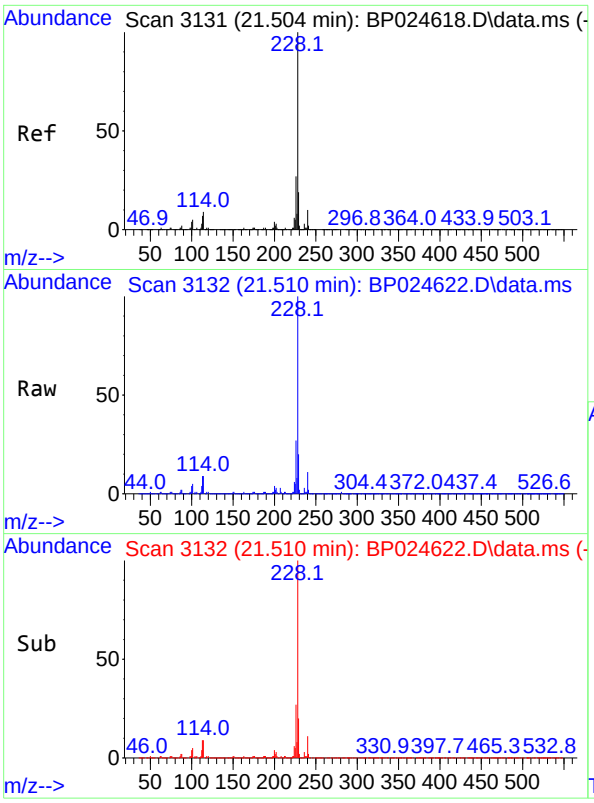


#80
Butylbenzylphthalate
Concen: 40.52 ng
RT: 20.557 min Scan# 2970
Delta R.T. 0.018 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:149 Resp: 938210

Ion	Ratio	Lower	Upper
149	100		
91	65.7	55.4	83.0
206	21.5	16.2	24.2



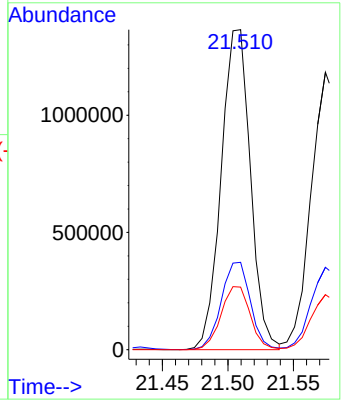


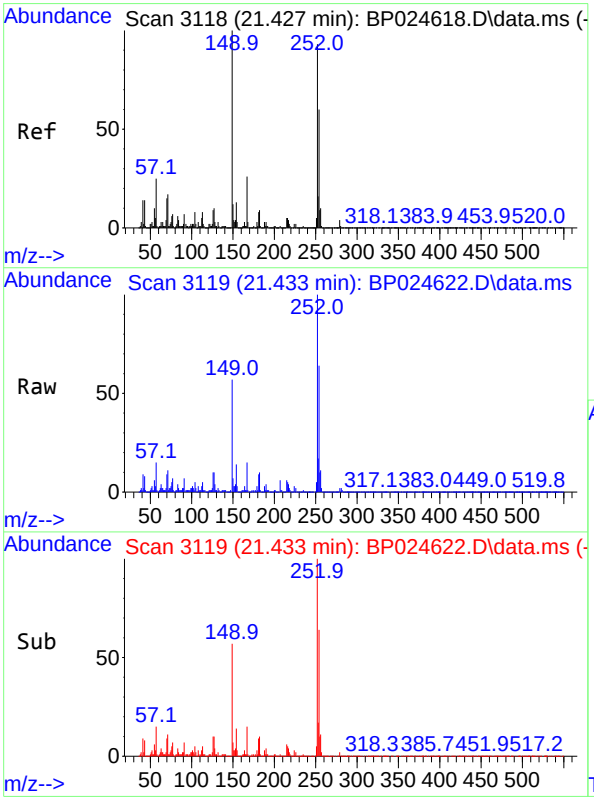
#81
Benzo(a)anthracene
Concen: 38.89 ng
RT: 21.510 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:228 Resp: 2121561

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.4	32.0
229	19.6	15.5	23.3

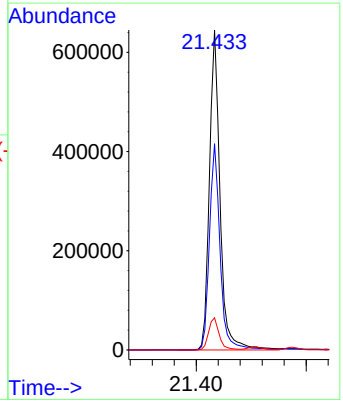


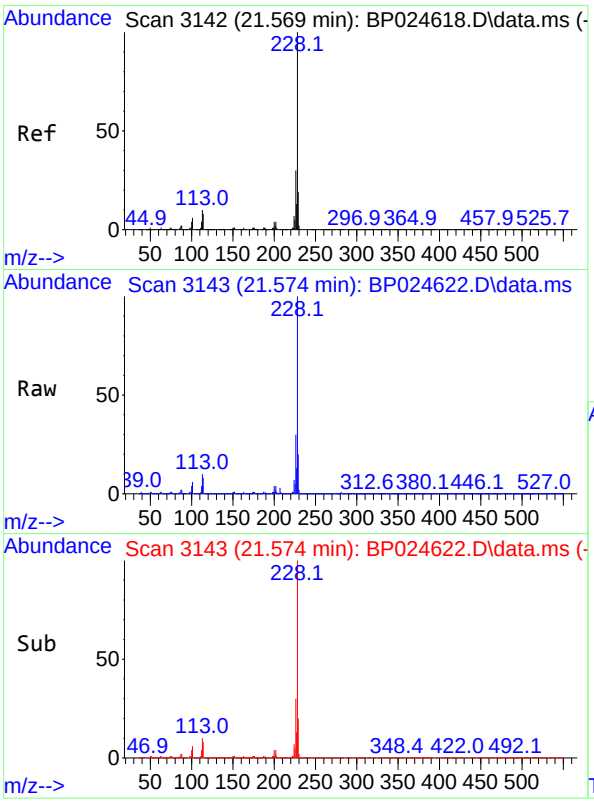


#82
3,3'-Dichlorobenzidine
Concen: 42.51 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:252 Resp: 861323

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.8	77.6
126	10.1	7.7	11.5



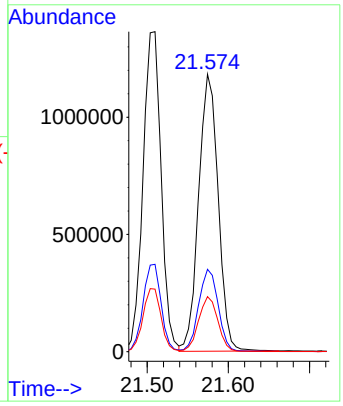


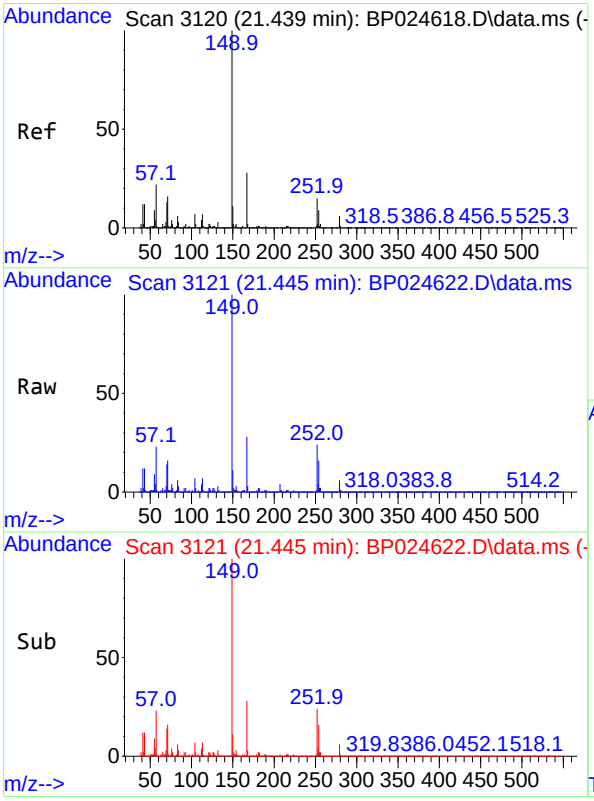
#83
Chrysene
Concen: 38.23 ng
RT: 21.574 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:228 Resp: 1976940

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.9	15.5	23.3

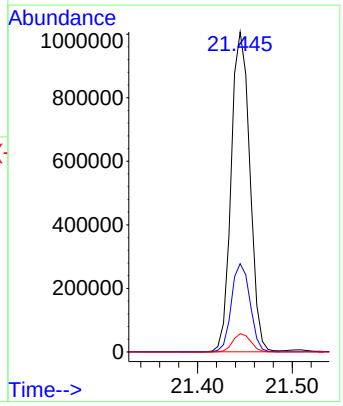


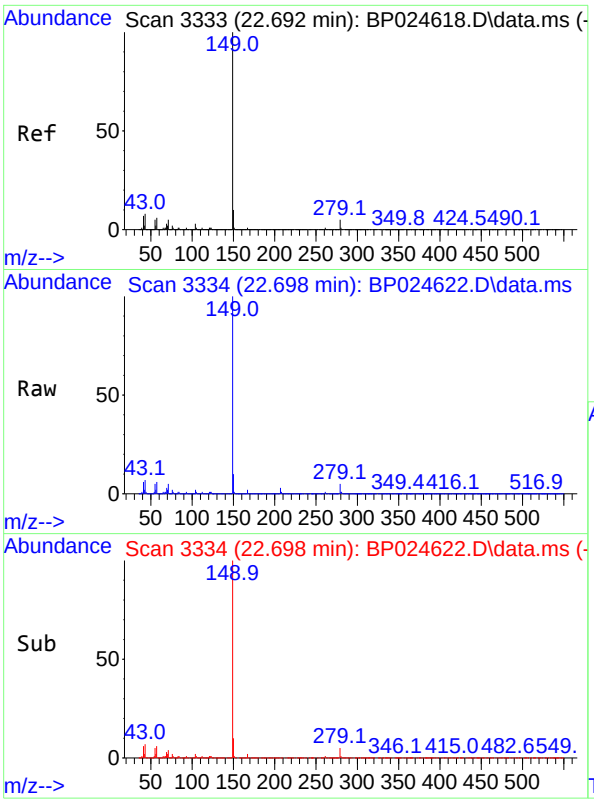


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.43 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:149 Resp: 1375919

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	5.7	4.6	6.8



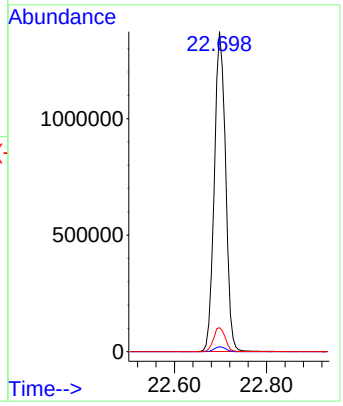


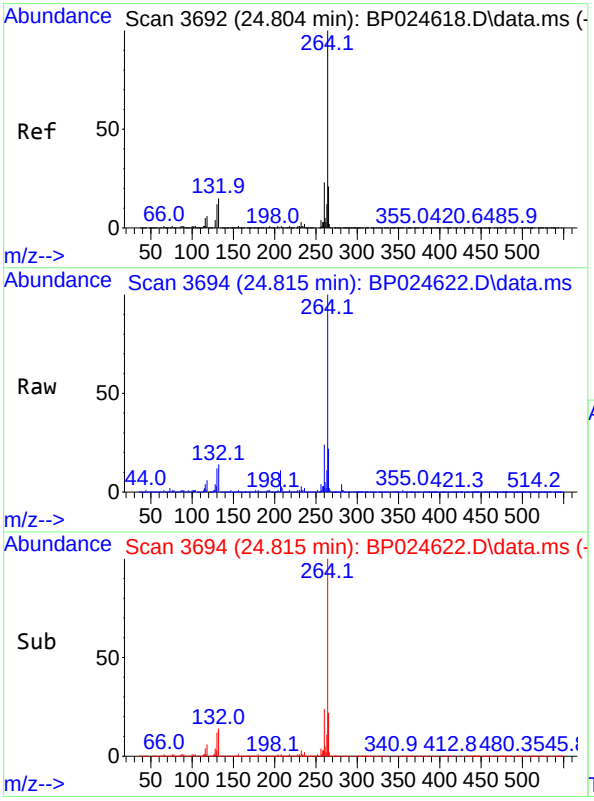
#85
Di-n-octyl phthalate
Concen: 41.72 ng
RT: 22.698 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:149 Resp: 2321673

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.8	6.3	9.5

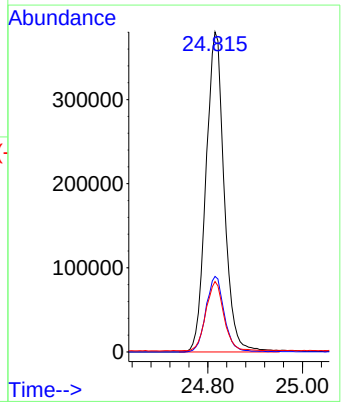


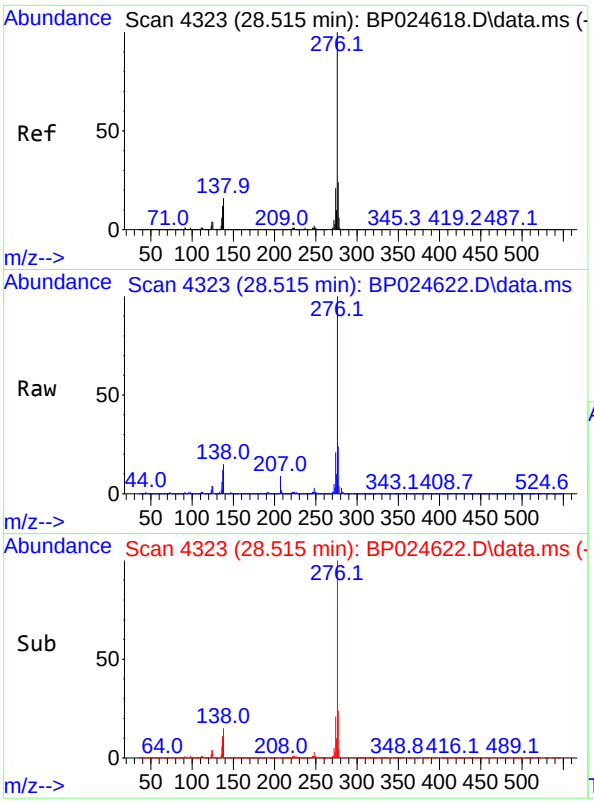


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.815 min Scan# 3694
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:264 Resp: 1015341

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.0	17.0	25.6



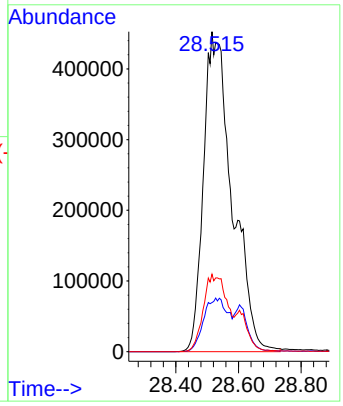


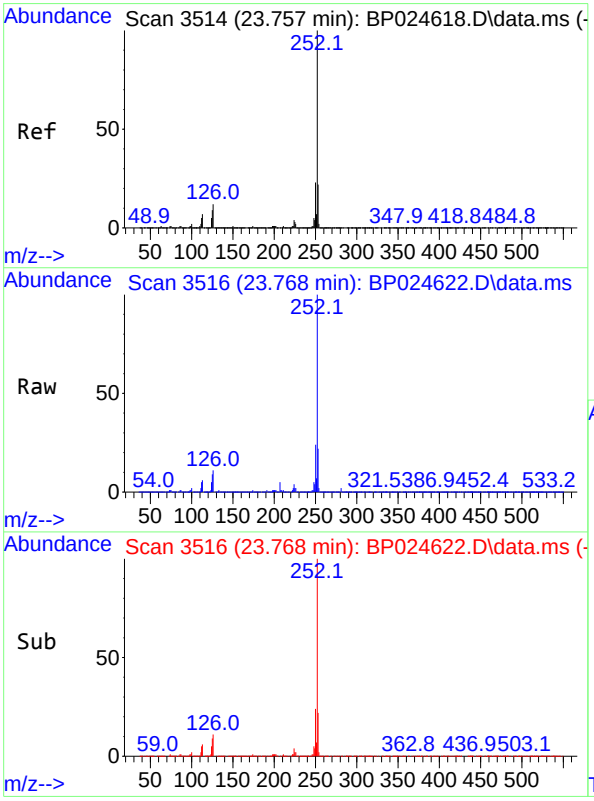
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.85 ng m
RT: 28.515 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:276 Resp: 2879864

Ion	Ratio	Lower	Upper
276	100		
138	14.2	11.2	16.8
277	10.6	15.7	23.5#

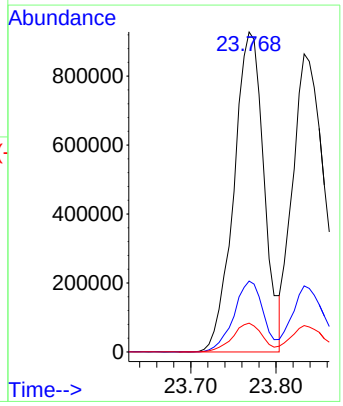


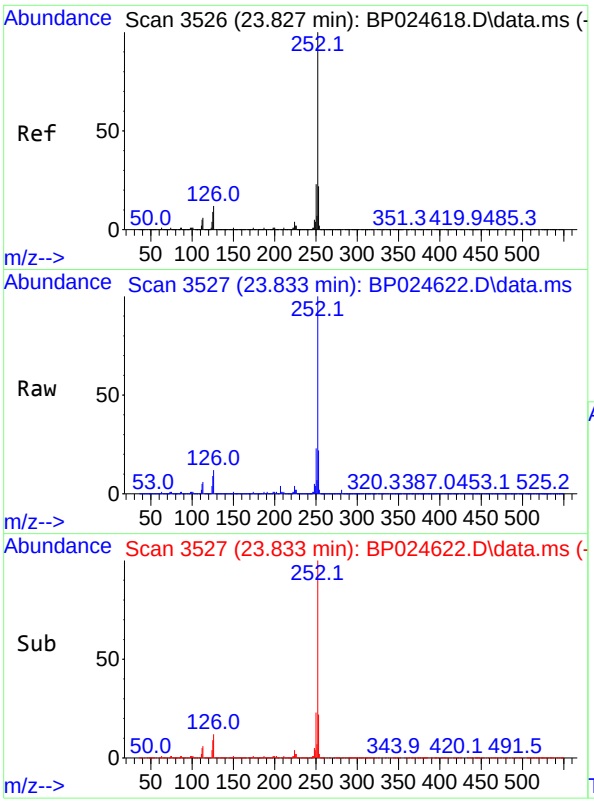


#88
Benzo(b)fluoranthene
Concen: 39.29 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:252 Resp: 2283322

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.0	7.5	11.3



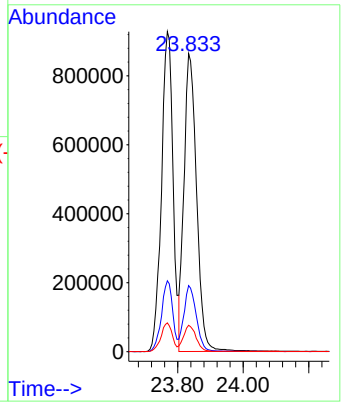


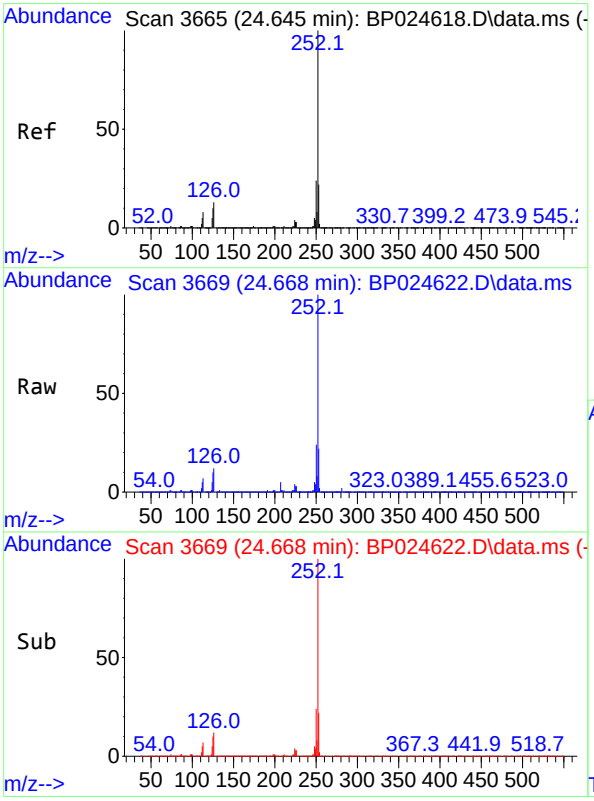
#89
Benzo(k)fluoranthene
Concen: 38.22 ng
RT: 23.833 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:252 Resp: 2289000

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	8.9	7.0	10.4

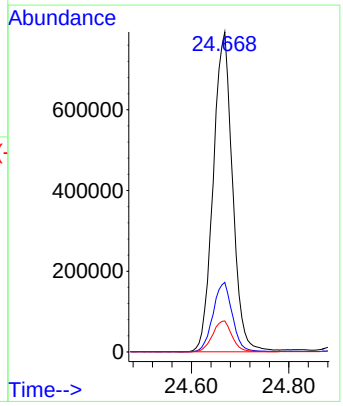


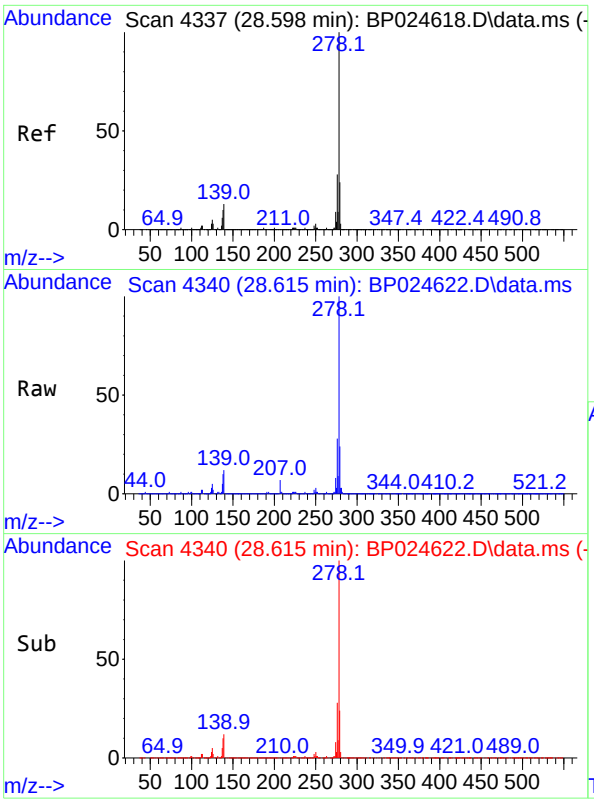


#90
Benzo(a)pyrene
Concen: 39.00 ng
RT: 24.668 min Scan# 3669
Delta R.T. 0.023 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:252 Resp: 2177020

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.7	8.1	12.1



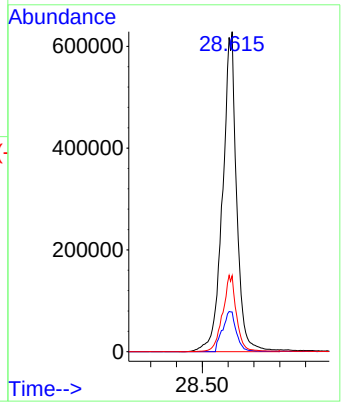


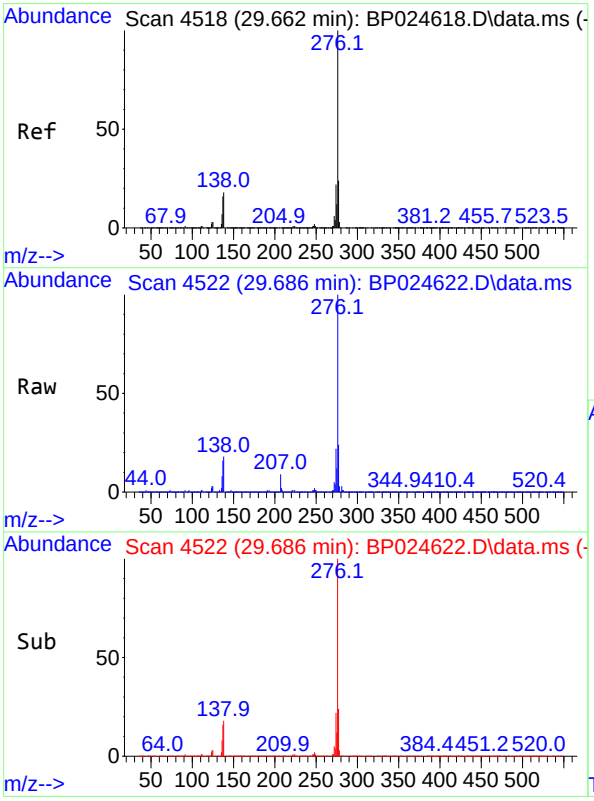
#91
Dibenzo(a,h)anthracene
Concen: 39.38 ng
RT: 28.615 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:278 Resp: 2374558

Ion	Ratio	Lower	Upper
278	100		
139	12.4	10.2	15.4
279	23.8	19.0	28.4

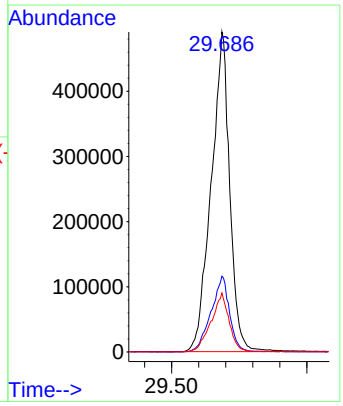




#92
Benzo(g,h,i)perylene
Concen: 38.91 ng
RT: 29.686 min Scan# 4522
Delta R.T. 0.023 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:276 Resp: 2333151

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	18.4	14.4	21.6



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	119	0.00
2		1,4-Dioxane	0.549	0.505	8.0	119	0.00
3		Pyridine	1.218	1.203	1.2	120	0.00
4		n-Nitrosodimethylamine	0.538	0.510	5.2	118	0.00
5	S	2-Fluorophenol	1.169	1.139	2.6	123	0.00
6		Aniline	1.927	1.889	2.0	118	0.00
7	S	Phenol-d6	1.492	1.475	1.1	120	0.00
8		2-Chlorophenol	1.327	1.306	1.6	120	0.00
9		Benzaldehyde	0.966	0.943	2.4	118	0.00
10	C	Phenol	1.540	1.505	2.3	119	0.00
11		bis(2-Chloroethyl)ether	1.266	1.200	5.2	118	0.00
12		1,3-Dichlorobenzene	1.527	1.447	5.2	120	0.00
13	C	1,4-Dichlorobenzene	1.536	1.456	5.2	118	0.00
14		1,2-Dichlorobenzene	1.497	1.418	5.3	119	0.00
15		Benzyl Alcohol	1.134	1.149	-1.3	119	0.00
16		2,2'-oxybis(1-Chloropropane	1.516	1.441	4.9	117	0.00
17		2-Methylphenol	1.105	1.094	1.0	119	0.00
18		Hexachloroethane	0.589	0.548	7.0	119	0.00
19	P	n-Nitroso-di-n-propylamine	1.032	1.011	2.0	115	0.00
20		3+4-Methylphenols	1.503	1.486	1.1	117	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	115	0.00
22		Acetophenone	0.500	0.480	4.0	115	0.00
23	S	Nitrobenzene-d5	0.396	0.387	2.3	116	0.00
24		Nitrobenzene	0.348	0.335	3.7	115	0.00
25		Isophorone	0.687	0.661	3.8	113	0.00
26	C	2-Nitrophenol	0.171	0.175	-2.3	118	0.00
27		2,4-Dimethylphenol	0.301	0.297	1.3	115	0.00
28		bis(2-Chloroethoxy)methane	0.410	0.397	3.2	115	0.00
29	C	2,4-Dichlorophenol	0.292	0.293	-0.3	116	0.00
30		1,2,4-Trichlorobenzene	0.329	0.313	4.9	118	0.00
31		Naphthalene	1.036	0.986	4.8	116	0.00
32		Benzoic acid	0.181	0.180	0.6	108	0.00
33		4-Chloroaniline	0.418	0.422	-1.0	116	0.00
34	C	Hexachlorobutadiene	0.213	0.198	7.0	115	0.00
35		Caprolactam	0.106	0.105	0.9	110	0.00
36	C	4-Chloro-3-methylphenol	0.356	0.347	2.5	112	0.00
37		2-Methylnaphthalene	0.671	0.635	5.4	114	0.00
38		1-Methylnaphthalene	0.718	0.670	6.7	112	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	108	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.581	0.568	2.2	112	0.00
41	P	Hexachlorocyclopentadiene	0.352	0.391	-11.1	118	0.00
42	S	2,4,6-Tribromophenol	0.339	0.333	1.8	111	0.00
43	C	2,4,6-Trichlorophenol	0.376	0.391	-4.0	114	0.00
44		2,4,5-Trichlorophenol	0.419	0.430	-2.6	115	0.00
45	S	2-Fluorobiphenyl	1.527	1.464	4.1	110	0.00
46		1,1'-Biphenyl	1.478	1.438	2.7	112	0.00
47		2-Chloronaphthalene	1.127	1.106	1.9	112	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.334	0.339	-1.5	109	0.00
49		Acenaphthylene	1.886	1.815	3.8	109	0.00
50		Dimethylphthalate	1.524	1.477	3.1	110	0.00
51		2,6-Dinitrotoluene	0.322	0.316	1.9	109	0.00
52	C	Acenaphthene	1.084	1.028	5.2	108	0.00
53		3-Nitroaniline	0.329	0.336	-2.1	107	0.00
54	P	2,4-Dinitrophenol	0.169	0.173	-2.4	109	0.00
55		Dibenzofuran	1.730	1.639	5.3	108	0.00
56	P	4-Nitrophenol	0.250	0.259	-3.6	109	0.00
57		2,4-Dinitrotoluene	0.454	0.454	0.0	108	0.00
58		Fluorene	1.410	1.355	3.9	109	0.00
59		2,3,4,6-Tetrachlorophenol	0.388	0.381	1.8	109	0.00
60		Diethylphthalate	1.541	1.470	4.6	110	0.00
61		4-Chlorophenyl-phenylether	0.703	0.673	4.3	111	0.00
62		4-Nitroaniline	0.317	0.339	-6.9	111	0.00
63		Azobenzene	1.318	1.279	3.0	110	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	109	0.00
65		4,6-Dinitro-2-methylphenol	0.129	0.130	-0.8	110	0.00
66	c	n-Nitrosodiphenylamine	0.614	0.589	4.1	108	0.00
67		4-Bromophenyl-phenylether	0.236	0.229	3.0	111	0.00
68		Hexachlorobenzene	0.299	0.286	4.3	110	0.00
69		Atrazine	0.225	0.223	0.9	111	0.00
70	C	Pentachlorophenol	0.168	0.173	-3.0	109	0.00
71		Phenanthrene	1.112	1.044	6.1	108	0.00
72		Anthracene	1.119	1.069	4.5	108	0.00
73		Carbazole	1.012	1.002	1.0	109	0.00
74		Di-n-butylphthalate	1.302	1.268	2.6	109	0.00
75	C	Fluoranthene	1.300	1.253	3.6	109	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	107	0.00
77		Benzidine	0.545	0.589	-8.1	113	0.00
78		Pyrene	1.198	1.147	4.3	107	0.01
79	S	Terphenyl-d14	1.166	1.119	4.0	107	0.01
80		Butylbenzylphthalate	0.533	0.540	-1.3	110	0.02
81		Benzo(a)anthracene	1.256	1.221	2.8	108	0.00
82		3,3'-Dichlorobenzidine	0.466	0.496	-6.4	111	0.00
83		Chrysene	1.190	1.138	4.4	108	0.00
84		Bis(2-ethylhexyl)phthalate	0.783	0.792	-1.1	111	0.00
85	c	Di-n-octyl phthalate	1.281	1.336	-4.3	112	0.00
86	I	Perylene-d12	1.000	1.000	0.0	109	0.01
87		Indeno(1,2,3-cd)pyrene	1.460	1.418	2.9	109	0.00
88		Benzo(b)fluoranthene	1.145	1.124	1.8	111	0.01
89		Benzo(k)fluoranthene	1.180	1.127	4.5	108	0.00
90	C	Benzo(a)pyrene	1.099	1.072	2.5	110	0.02
91		Dibenzo(a,h)anthracene	1.188	1.169	1.6	109	0.02
92		Benzo(g,h,i)perylene	1.181	1.149	2.7	109	0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	119	0.00
2		1,4-Dioxane	40.000	36.789	8.0	119	0.00
3		Pyridine	40.000	39.526	1.2	120	0.00
4		n-Nitrosodimethylamine	40.000	37.979	5.1	118	0.00
5	S	2-Fluorophenol	80.000	77.955	2.6	123	0.00
6		Aniline	40.000	39.210	2.0	118	0.00
7	S	Phenol-d6	80.000	79.089	1.1	120	0.00
8		2-Chlorophenol	40.000	39.367	1.6	120	0.00
9		Benzaldehyde	40.000	39.033	2.4	118	0.00
10	C	Phenol	40.000	39.089	2.3	119	0.00
11		bis(2-Chloroethyl)ether	40.000	37.938	5.2	118	0.00
12		1,3-Dichlorobenzene	40.000	37.893	5.3	120	0.00
13	C	1,4-Dichlorobenzene	40.000	37.904	5.2	118	0.00
14		1,2-Dichlorobenzene	40.000	37.896	5.3	119	0.00
15		Benzyl Alcohol	40.000	40.541	-1.4	119	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.037	4.9	117	0.00
17		2-Methylphenol	40.000	39.618	1.0	119	0.00
18		Hexachloroethane	40.000	37.211	7.0	119	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.165	2.1	115	0.00
20		3+4-Methylphenols	40.000	39.562	1.1	117	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	115	0.00
22		Acetophenone	40.000	38.468	3.8	115	0.00
23	S	Nitrobenzene-d5	80.000	78.227	2.2	116	0.00
24		Nitrobenzene	40.000	38.505	3.7	115	0.00
25		Isophorone	40.000	38.491	3.8	113	0.00
26	C	2-Nitrophenol	40.000	41.121	-2.8	118	0.00
27		2,4-Dimethylphenol	40.000	39.484	1.3	115	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.714	3.2	115	0.00
29	C	2,4-Dichlorophenol	40.000	40.189	-0.5	116	0.00
30		1,2,4-Trichlorobenzene	40.000	38.109	4.7	118	0.00
31		Naphthalene	40.000	38.069	4.8	116	0.00
32		Benzoic acid	40.000	36.464	8.8	108	0.00
33		4-Chloroaniline	40.000	40.368	-0.9	116	0.00
34	C	Hexachlorobutadiene	40.000	37.285	6.8	115	0.00
35		Caprolactam	40.000	39.752	0.6	110	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.013	2.5	112	0.00
37		2-Methylnaphthalene	40.000	37.852	5.4	114	0.00
38		1-Methylnaphthalene	40.000	37.339	6.7	112	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	108	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	39.130	2.2	112	0.00
41	P	Hexachlorocyclopentadiene	40.000	44.371	-10.9	118	0.00
42	S	2,4,6-Tribromophenol	80.000	78.525	1.8	111	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.549	-3.9	114	0.00
44		2,4,5-Trichlorophenol	40.000	41.064	-2.7	115	0.00
45	S	2-Fluorobiphenyl	80.000	76.733	4.1	110	0.00
46		1,1'-Biphenyl	40.000	38.906	2.7	112	0.00
47		2-Chloronaphthalene	40.000	39.238	1.9	112	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	40.604	-1.5	109	0.00
49		Acenaphthylene	40.000	38.493	3.8	109	0.00
50		Dimethylphthalate	40.000	38.751	3.1	110	0.00
51		2,6-Dinitrotoluene	40.000	39.317	1.7	109	0.00
52	C	Acenaphthene	40.000	37.904	5.2	108	0.00
53		3-Nitroaniline	40.000	40.871	-2.2	107	0.00
54	P	2,4-Dinitrophenol	40.000	37.829	5.4	109	0.00
55		Dibenzofuran	40.000	37.910	5.2	108	0.00
56	P	4-Nitrophenol	40.000	38.698	3.3	109	0.00
57		2,4-Dinitrotoluene	40.000	39.975	0.1	108	0.00
58		Fluorene	40.000	38.422	3.9	109	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.274	1.8	109	0.00
60		Diethylphthalate	40.000	38.171	4.6	110	0.00
61		4-Chlorophenyl-phenylether	40.000	38.249	4.4	111	0.00
62		4-Nitroaniline	40.000	42.722	-6.8	111	0.00
63		Azobenzene	40.000	38.822	2.9	110	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	109	0.00
65		4,6-Dinitro-2-methylphenol	40.000	40.305	-0.8	110	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.382	4.0	108	0.00
67		4-Bromophenyl-phenylether	40.000	38.909	2.7	111	0.00
68		Hexachlorobenzene	40.000	38.175	4.6	110	0.00
69		Atrazine	40.000	39.570	1.1	111	0.00
70	C	Pentachlorophenol	40.000	41.124	-2.8	109	0.00
71		Phenanthrene	40.000	37.546	6.1	108	0.00
72		Anthracene	40.000	38.241	4.4	108	0.00
73		Carbazole	40.000	39.575	1.1	109	0.00
74		Di-n-butylphthalate	40.000	38.939	2.7	109	0.00
75	C	Fluoranthene	40.000	38.566	3.6	109	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	107	0.00
77		Benzidine	40.000	43.253	-8.1	113	0.00
78		Pyrene	40.000	38.281	4.3	107	0.01
79	S	Terphenyl-d14	80.000	76.753	4.1	107	0.01
80		Butylbenzylphthalate	40.000	40.523	-1.3	110	0.02
81		Benzo(a)anthracene	40.000	38.889	2.8	108	0.00
82		3,3'-Dichlorobenzidine	40.000	42.508	-6.3	111	0.00
83		Chrysene	40.000	38.227	4.4	108	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.433	-1.1	111	0.00
85	c	Di-n-octyl phthalate	40.000	41.721	-4.3	112	0.00
86	I	Perylene-d12	20.000	20.000	0.0	109	0.01
87		Indeno(1,2,3-cd)pyrene	40.000	38.851	2.9	109	0.00
88		Benzo(b)fluoranthene	40.000	39.289	1.8	111	0.01
89		Benzo(k)fluoranthene	40.000	38.223	4.4	108	0.00
90	C	Benzo(a)pyrene	40.000	39.004	2.5	110	0.02
91		Dibenzo(a,h)anthracene	40.000	39.377	1.6	109	0.02
92		Benzo(g,h,i)perylene	40.000	38.906	2.7	109	0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BF142360.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

Instrument ID: BNA_F Calibration Date/Time: 05/14/2025 12:19

Lab File ID: BF142360.D Init. Calib. Date(s): 05/05/2025 05/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:54 17:15

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.172	1.192		1.7	
Benzaldehyde	0.843	0.731		-13.3	
Phenol-d6	1.441	1.456		1.0	
Phenol	1.531	1.662		8.6	20.0
bis(2-Chloroethyl)ether	1.506	1.243		-17.5	
2-Chlorophenol	1.252	1.302		4.0	
2-Methylphenol	1.014	1.011		-0.3	
2,2-oxybis(1-Chloropropane)	2.249	2.070		-8.0	
Acetophenone	0.445	0.431		-3.1	
3+4-Methylphenols	1.265	1.279		1.1	
n-Nitroso-di-n-propylamine	0.891	0.846	0.050	-5.1	
Nitrobenzene-d5	0.328	0.358		9.1	
Hexachloroethane	0.478	0.481		0.6	
Nitrobenzene	0.309	0.334		8.1	
Isophorone	0.621	0.593		-4.5	
2-Nitrophenol	0.129	0.169		31.0	20.0
2,4-Dimethylphenol	0.312	0.313		0.3	
bis(2-Chloroethoxy)methane	0.399	0.370		-7.3	
2,4-Dichlorophenol	0.265	0.275		3.8	20.0
Naphthalene	0.969	0.947		-2.3	
4-Chloroaniline	0.395	0.403		2.0	
Hexachlorobutadiene	0.177	0.173		-2.3	20.0
Caprolactam	0.077	0.087		13.0	
4-Chloro-3-methylphenol	0.276	0.283		2.5	20.0
2-Methylnaphthalene	0.602	0.579		-3.8	
Hexachlorocyclopentadiene	0.345	0.379	0.050	9.9	
2,4,6-Trichlorophenol	0.352	0.383		8.8	20.0
2-Fluorobiphenyl	1.403	1.321		-5.8	
2,4,5-Trichlorophenol	0.375	0.389		3.7	
1,1-Biphenyl	1.533	1.472		-4.0	
2-Chloronaphthalene	1.140	1.099		-3.6	
2-Nitroaniline	0.292	0.342		17.1	
Dimethylphthalate	1.284	1.233		-4.0	
Acenaphthylene	1.908	1.859		-2.6	
2,6-Dinitrotoluene	0.240	0.275		14.6	
3-Nitroaniline	0.282	0.327		16.0	
Acenaphthene	1.147	1.128		-1.7	20.0
2,4-Dinitrophenol	0.102	0.141	0.050	38.2	
4-Nitrophenol	0.212	0.257	0.050	21.2	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

Instrument ID: BNA_F Calibration Date/Time: 05/14/2025 12:19

Lab File ID: BF142360.D Init. Calib. Date(s): 05/05/2025 05/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:54 17:15

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.693	1.628		-3.8	
2,4-Dinitrotoluene	0.308	0.369		19.8	
Diethylphthalate	1.283	1.187		-7.5	
4-Chlorophenyl-phenylether	0.623	0.587		-5.8	
Fluorene	1.292	1.225		-5.2	
4-Nitroaniline	0.223	0.251		12.6	
4,6-Dinitro-2-methylphenol	0.082	0.105		28.0	
n-Nitrosodiphenylamine	0.666	0.647		-2.9	20.0
2,4,6-Tribromophenol	0.193	0.212		9.8	
4-Bromophenyl-phenylether	0.227	0.218		-4.0	
Hexachlorobenzene	0.249	0.244		-2.0	
Atrazine	0.175	0.177		1.1	
Pentachlorophenol	0.131	0.153		16.8	20.0
Phenanthrene	1.048	1.019		-2.8	
Anthracene	1.077	1.055		-2.0	
Carbazole	0.966	0.954		-1.2	
Di-n-butylphthalate	1.016	0.953		-6.2	
Fluoranthene	1.048	0.997		-4.9	20.0
Pyrene	1.780	1.920		7.9	
Terphenyl-d14	1.351	1.365		1.0	
Butylbenzylphthalate	0.449	0.448		-0.2	
3,3-Dichlorobenzidine	0.301	0.337		12.0	
Benzo(a)anthracene	1.295	1.261		-2.6	
Chrysene	1.206	1.176		-2.5	
Bis(2-ethylhexyl)phthalate	0.573	0.527		-8.0	
Di-n-octyl phthalate	1.057	1.002		-5.2	20.0
Benzo(b)fluoranthene	1.211	1.096		-9.5	
Benzo(k)fluoranthene	1.109	1.080		-2.6	
Benzo(a)pyrene	1.085	1.091		0.6	20.0
Indeno(1,2,3-cd)pyrene	1.391	1.485		6.8	
Dibenzo(a,h)anthracene	1.149	1.204		4.8	
Benzo(g,h,i)perylene	1.141	1.225		7.4	
1,2,4,5-Tetrachlorobenzene	0.559	0.544		-2.7	
1,4-Dioxane	0.528	0.529		0.2	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.334		8.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142360.D
Acq On : 14 May 2025 12:19
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 14 12:48:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	186058	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	714913	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	377100	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	635630	20.000	ng	0.00
76) Chrysene-d12	14.069	240	329863	20.000	ng	0.00
86) Perylene-d12	15.557	264	363476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	887245	81.404	ng	0.00
7) Phenol-d6	6.522	99	1083786	80.848	ng	0.00
23) Nitrobenzene-d5	7.469	82	1022694	87.243	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	319643	87.794	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1991949	75.319	ng	0.00
79) Terphenyl-d14	13.016	244	1801652	80.841	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	196836	40.104	ng	98
3) Pyridine	3.434	79	501614	43.530	ng	99
4) n-Nitrosodimethylamine	3.387	42	265272	39.609	ng	97
6) Aniline	6.563	93	720727	54.814	ng	99
8) 2-Chlorophenol	6.687	128	484551	41.603	ng	97
9) Benzaldehyde	6.451	77	271897	34.655	ng	99
10) Phenol	6.540	94	618534	43.529	ng	99
11) bis(2-Chloroethyl)ether	6.640	93	462558	33.010	ng	97
12) 1,3-Dichlorobenzene	6.845	146	523939	39.321	ng	98
13) 1,4-Dichlorobenzene	6.922	146	525548	39.282	ng	99
14) 1,2-Dichlorobenzene	7.075	146	505630	39.374	ng	99
15) Benzyl Alcohol	7.040	79	378057	43.553	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	770263	36.810	ng	100
17) 2-Methylphenol	7.145	107	376380	39.915	ng	99
18) Hexachloroethane	7.416	117	178947	40.200	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	314656	37.947	ng	98
20) 3+4-Methylphenols	7.304	107	475879	40.437	ng	91
22) Acetophenone	7.310	105	615764	38.738	ng	97
24) Nitrobenzene	7.487	77	477090	43.176	ng	98
25) Isophorone	7.722	82	847508	38.180	ng	99
26) 2-Nitrophenol	7.798	139	242338	45.713	ng	99
27) 2,4-Dimethylphenol	7.834	122	448128	40.153	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	529676	37.109	ng	99
29) 2,4-Dichlorophenol	8.040	162	393027	41.422	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	419475	39.282	ng	99
31) Naphthalene	8.210	128	1354496	39.092	ng	100
32) Benzoic acid	7.934	122	255727	43.926	ng	99
33) 4-Chloroaniline	8.251	127	576235m	40.757	ng	
34) Hexachlorobutadiene	8.328	225	247000	39.063	ng	100
35) Caprolactam	8.616	113	124402	44.986	ng	96
36) 4-Chloro-3-methylphenol	8.728	107	404258	40.986	ng	100
37) 2-Methylnaphthalene	8.898	142	827869	38.452	ng	98
38) 1-Methylnaphthalene	8.998	142	859310	38.293	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	410425	38.969	ng	100
41) Hexachlorocyclopentadiene	9.051	237	285802	43.908	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	289033	43.508	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142360.D
Acq On : 14 May 2025 12:19
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 14 12:48:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

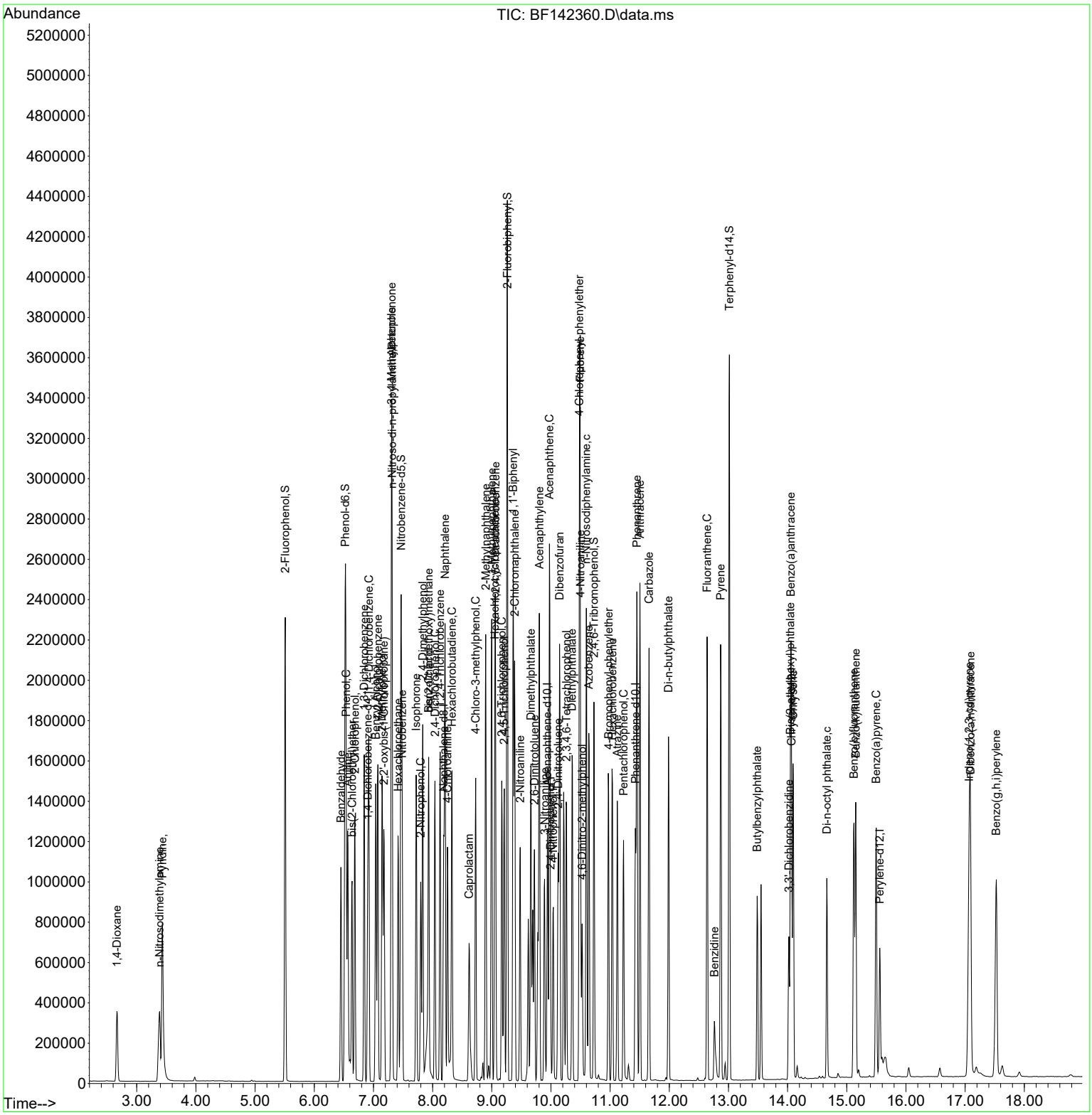
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	293179	41.477	ng		99
46) 1,1'-Biphenyl	9.363	154	1110207	38.397	ng		99
47) 2-Chloronaphthalene	9.386	162	829236	38.565	ng		99
48) 2-Nitroaniline	9.481	65	258025	46.815	ng		94
49) Acenaphthylene	9.804	152	1402068	38.978	ng		100
50) Dimethylphthalate	9.663	163	930185	38.414	ng		99
51) 2,6-Dinitrotoluene	9.722	165	207153	45.704	ng		92
52) Acenaphthene	9.975	154	850841	39.339	ng		100
53) 3-Nitroaniline	9.892	138	246486	46.368	ng		94
54) 2,4-Dinitrophenol	9.992	184	106331	48.209	ng	#	21
55) Dibenzofuran	10.145	168	1227682	38.461	ng		99
56) 4-Nitrophenol	10.039	139	193591	48.388	ng		97
57) 2,4-Dinitrotoluene	10.122	165	278079	47.829	ng		97
58) Fluorene	10.492	166	923565	37.913	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	251876	43.165	ng		98
60) Diethylphthalate	10.357	149	895152	37.017	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	442404	37.643	ng		99
62) 4-Nitroaniline	10.498	138	189460	44.969	ng		100
63) Azobenzene	10.639	77	851211	36.836	ng		99
65) 4,6-Dinitro-2-methylph...	10.528	198	134028	45.648	ng		96
66) n-Nitrosodiphenylamine	10.598	169	823071	38.913	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	276513	38.384	ng		96
68) Hexachlorobenzene	11.039	284	309563	39.066	ng		96
69) Atrazine	11.122	200	225019	40.358	ng		100
70) Pentachlorophenol	11.228	266	194954	46.767	ng		99
71) Phenanthrene	11.451	178	1295146	38.872	ng		100
72) Anthracene	11.504	178	1340792	39.165	ng		100
73) Carbazole	11.657	167	1212927	39.491	ng		99
74) Di-n-butylphthalate	11.986	149	1211310	37.506	ng		99
75) Fluoranthene	12.639	202	1267603	38.060	ng		100
77) Benzidine	12.763	184	236548	39.461	ng		99
78) Pyrene	12.869	202	1266840	43.147	ng		100
80) Butylbenzylphthalate	13.486	149	295541	35.521	ng		100
81) Benzo(a)anthracene	14.057	228	831694	38.933	ng		100
82) 3,3'-Dichlorobenzidine	14.022	252	222547	44.798	ng		98
83) Chrysene	14.092	228	776161	39.029	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	347970	32.669	ng		98
85) Di-n-octyl phthalate	14.663	149	661024	35.330	ng		98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1079309	42.686	ng		100
88) Benzo(b)fluoranthene	15.121	252	796746	36.192	ng		99
89) Benzo(k)fluoranthene	15.151	252	785124	38.972	ng		100
90) Benzo(a)pyrene	15.498	252	793320	40.215	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	874981	41.887	ng		99
92) Benzo(g,h,i)perylene	17.527	276	890198	42.938	ng		99

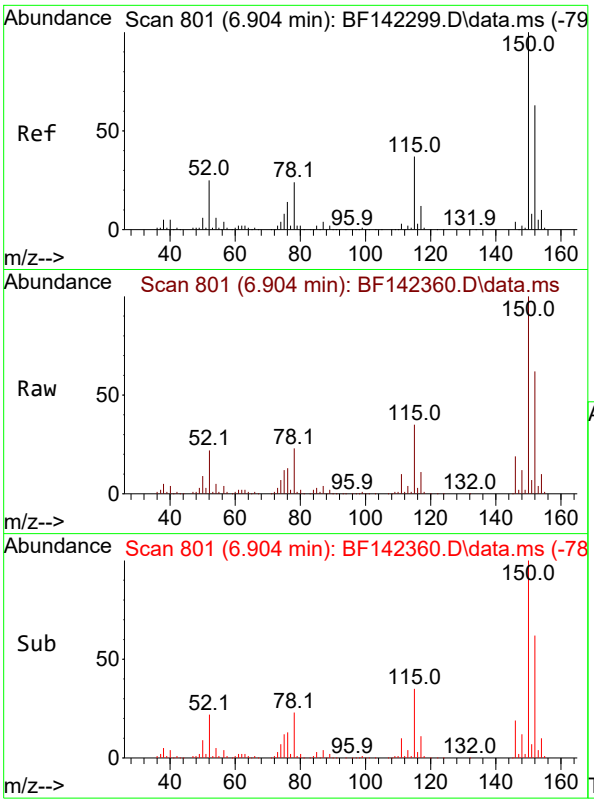
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142360.D
Acq On : 14 May 2025 12:19
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 14 12:48:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



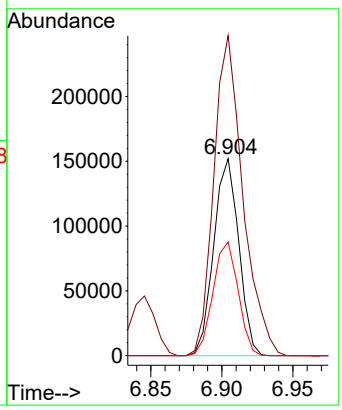


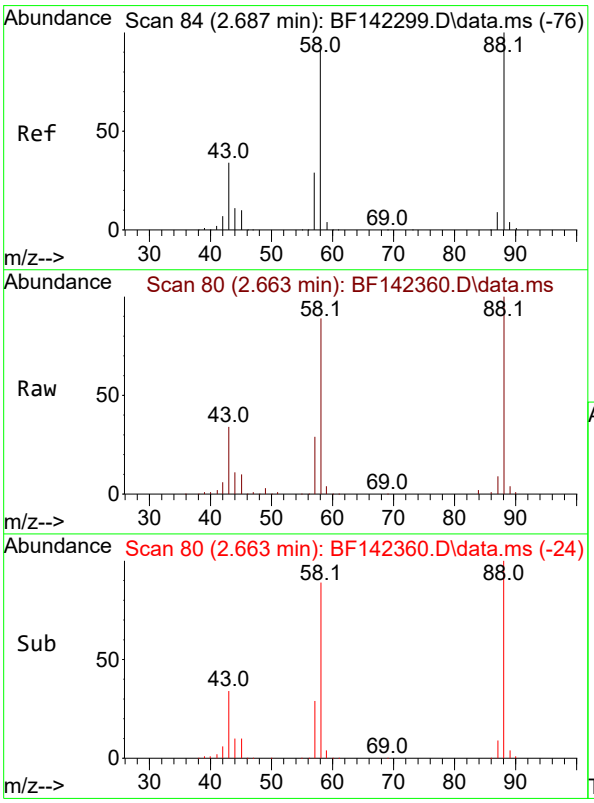
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 186058

Ion	Ratio	Lower	Upper
152	100		
150	162.4	126.6	190.0
115	57.7	47.3	70.9

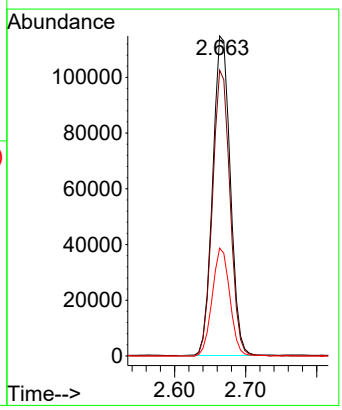


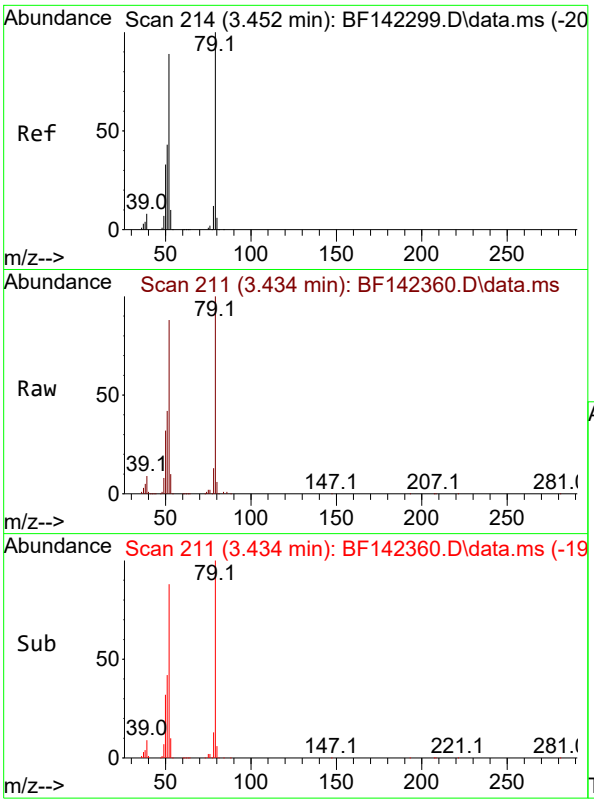


#2
1,4-Dioxane
Concen: 40.104 ng
RT: 2.663 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion: 88 Resp: 196836

Ion	Ratio	Lower	Upper
88	100		
58	89.0	73.0	109.4
43	33.7	27.8	41.6



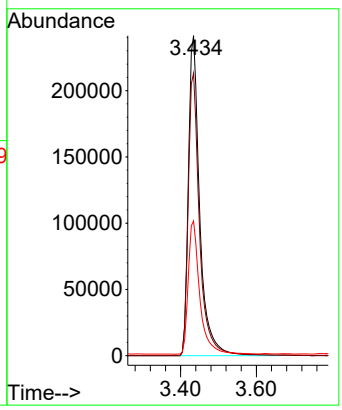


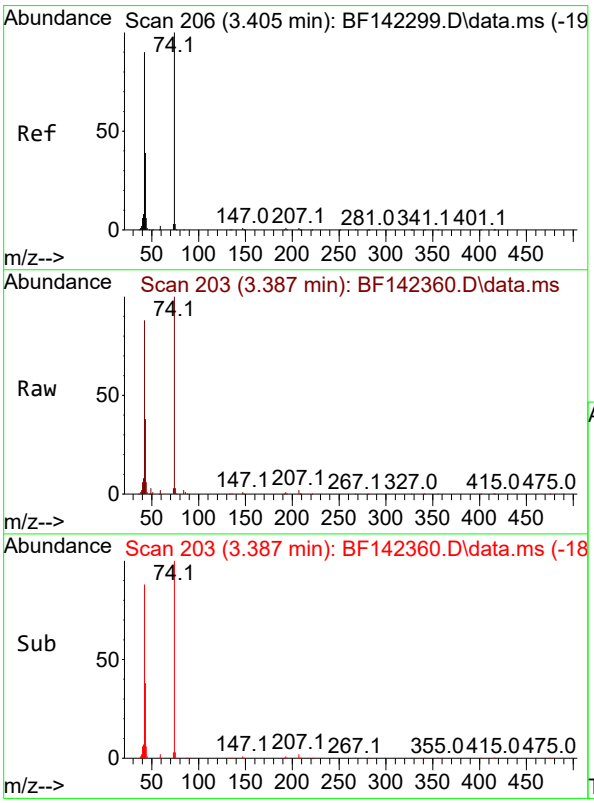
#3
Pyridine
Concen: 43.530 ng
RT: 3.434 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 501614

Ion	Ratio	Lower	Upper
79	100		
52	88.2	71.0	106.4
51	42.1	34.9	52.3

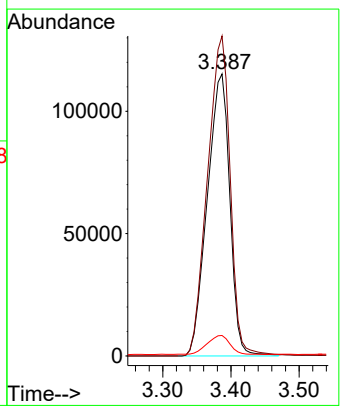


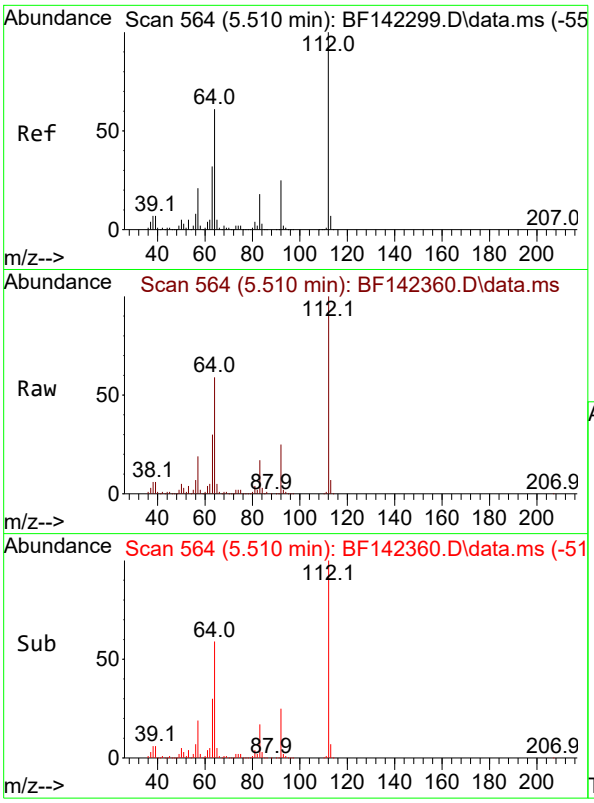


#4
n-Nitrosodimethylamine
Concen: 39.609 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion: 42 Resp: 265272

Ion	Ratio	Lower	Upper
42	100		
74	113.4	88.5	132.7
44	7.3	5.8	8.8



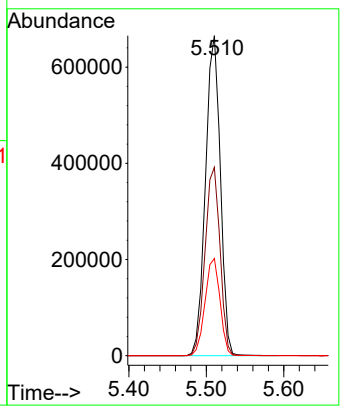


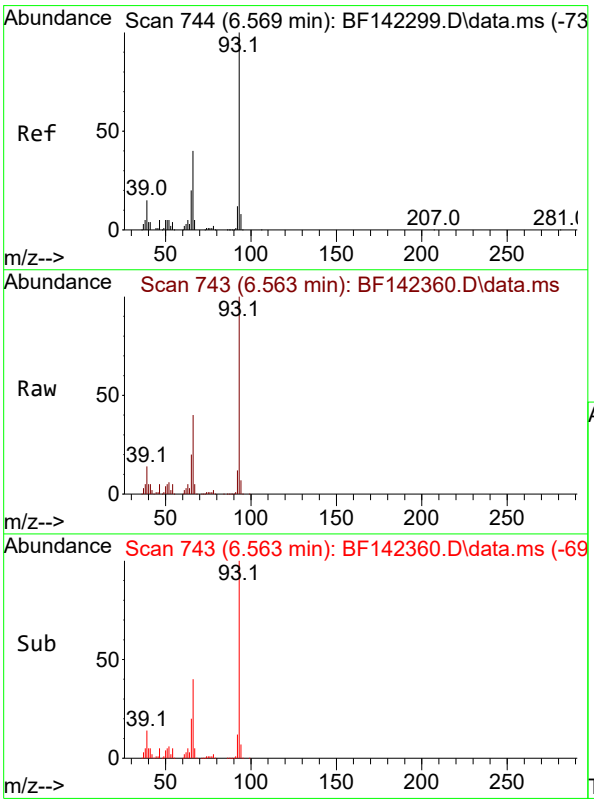
#5
2-Fluorophenol
Concen: 81.404 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 887245

Ion	Ratio	Lower	Upper
112	100		
64	58.9	48.9	73.3
63	30.4	25.6	38.4

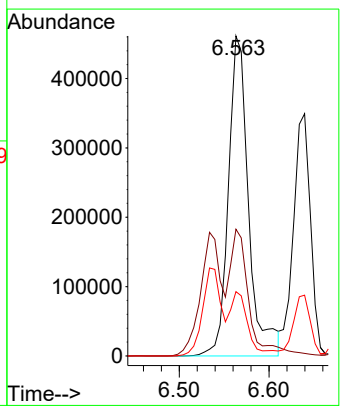


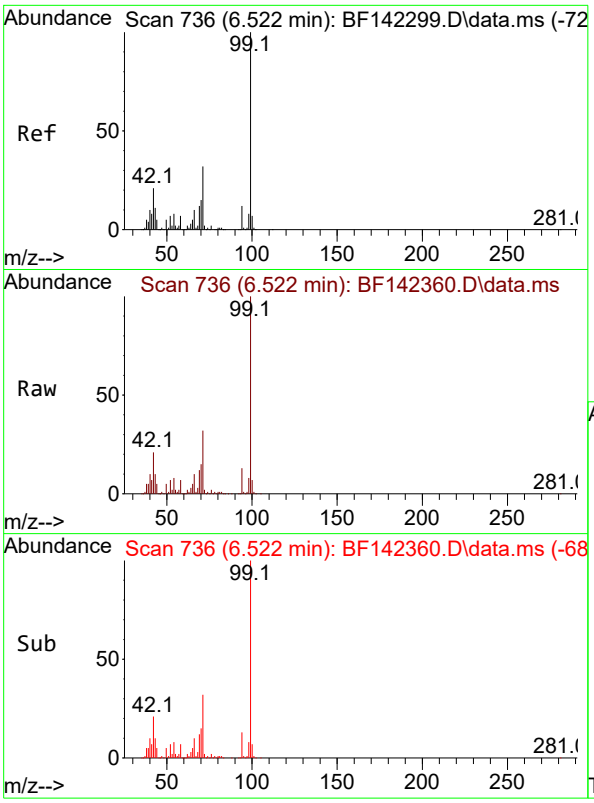


#6
Aniline
Concen: 54.814 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion: 93 Resp: 720727

Ion	Ratio	Lower	Upper
93	100		
66	39.6	32.2	48.4
65	20.1	16.3	24.5



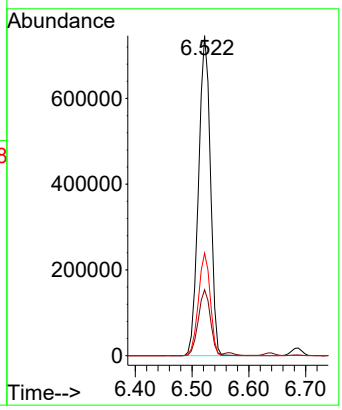


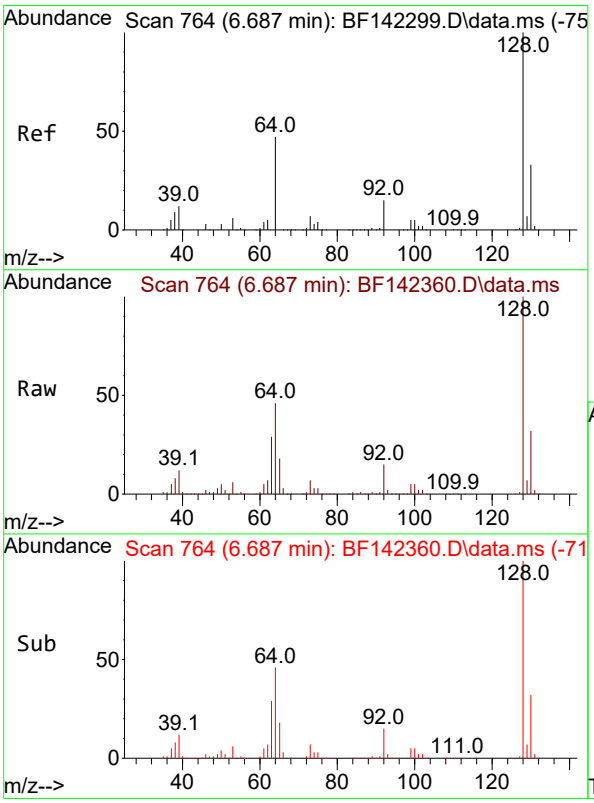
#7
Phenol-d6
Concen: 80.848 ng
RT: 6.522 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1083786

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.0	25.4
71	32.1	25.8	38.8

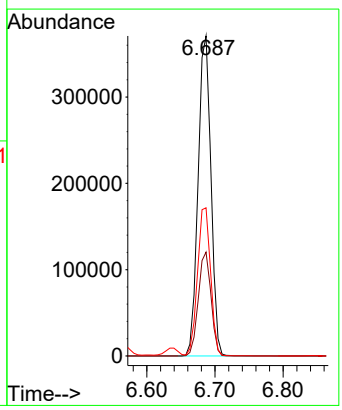


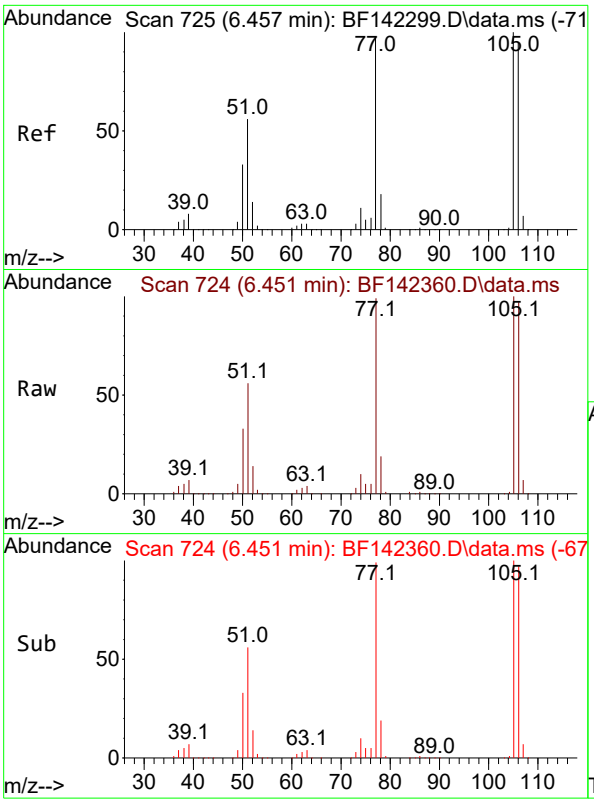


#8
2-Chlorophenol
Concen: 41.603 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:128 Resp: 484551

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.7	52.7
64	46.3	29.2	69.2



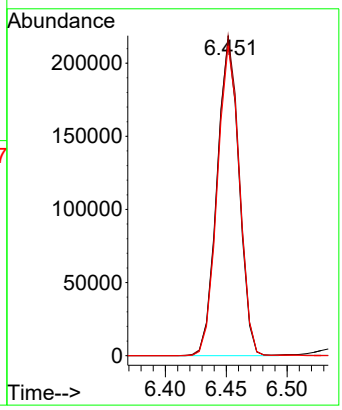


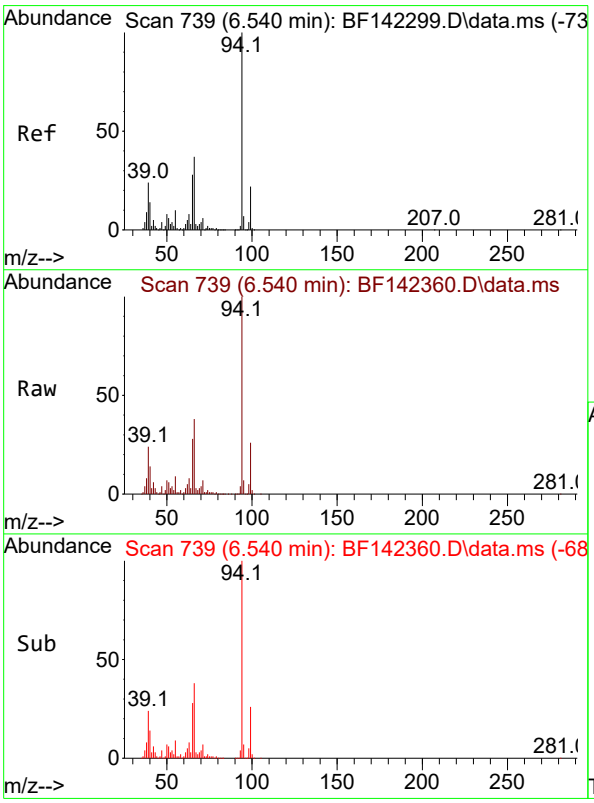
#9
Benzaldehyde
Concen: 34.655 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 271897

Ion	Ratio	Lower	Upper
77	100		
105	101.2	82.0	122.0
106	97.9	77.2	117.2

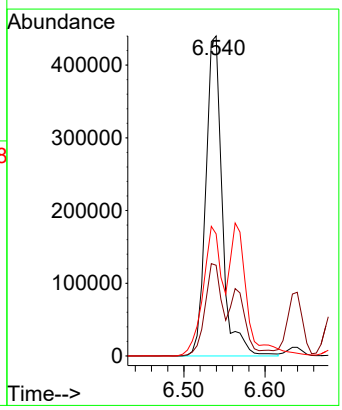


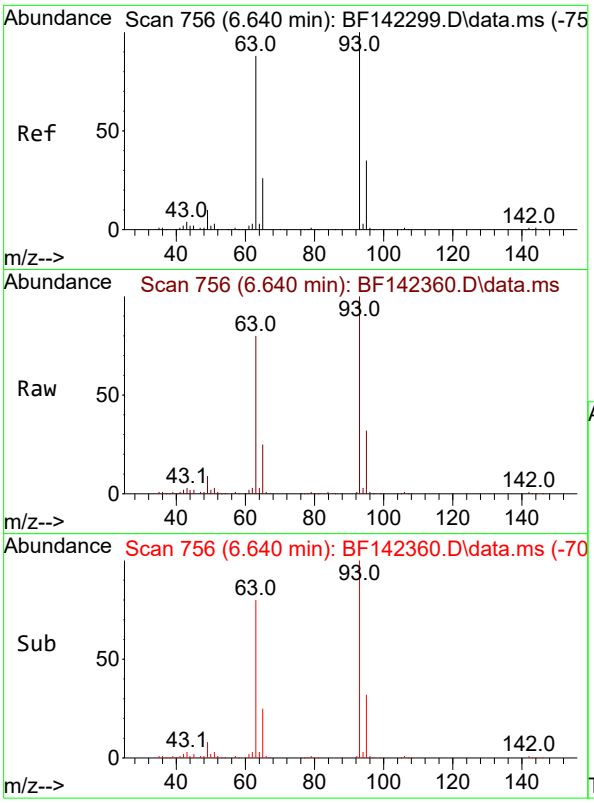


#10
Phenol
Concen: 43.529 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion: 94 Resp: 618534

Ion	Ratio	Lower	Upper
94	100		
65	28.4	8.5	48.5
66	38.1	17.3	57.3



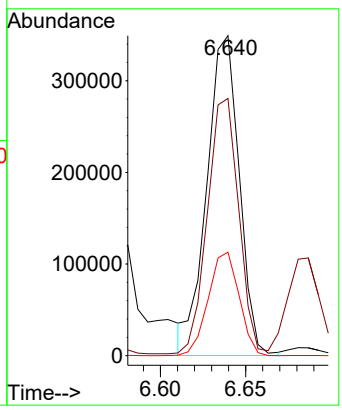


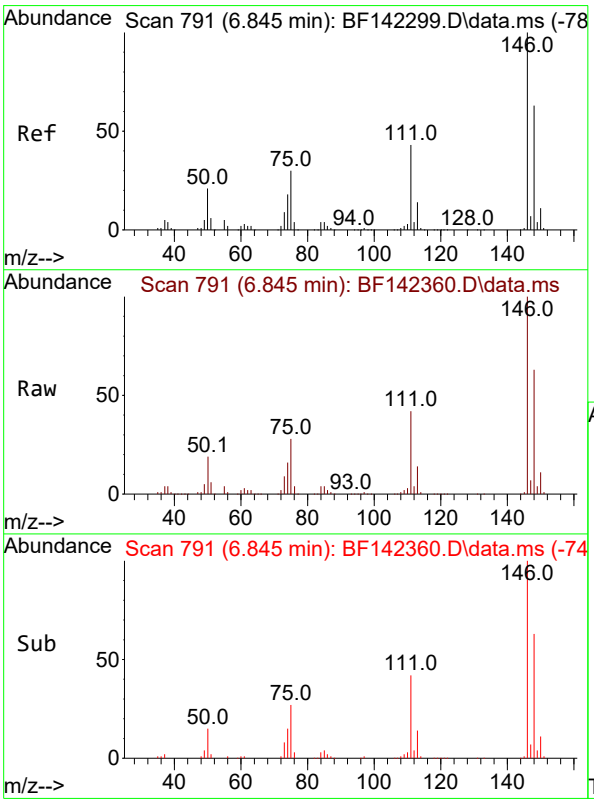
#11
bis(2-Chloroethyl)ether
Concen: 33.010 ng
RT: 6.640 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 462558

Ion	Ratio	Lower	Upper
93	100		
63	80.4	58.4	98.4
95	32.4	10.6	50.6

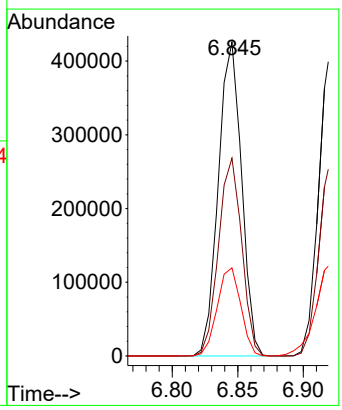


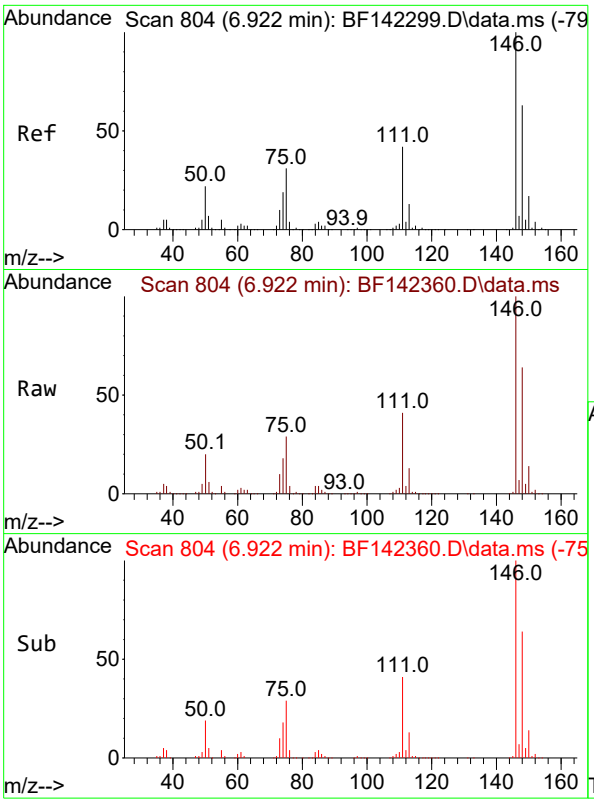


#12
1,3-Dichlorobenzene
Concen: 39.321 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:146 Resp: 523939

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	76.0
75	28.1	24.2	36.4



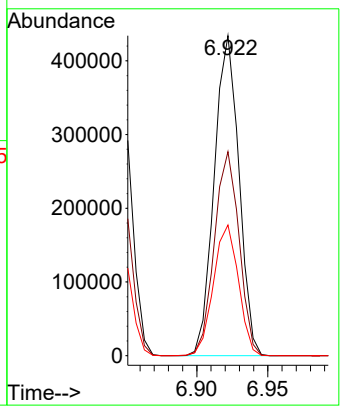


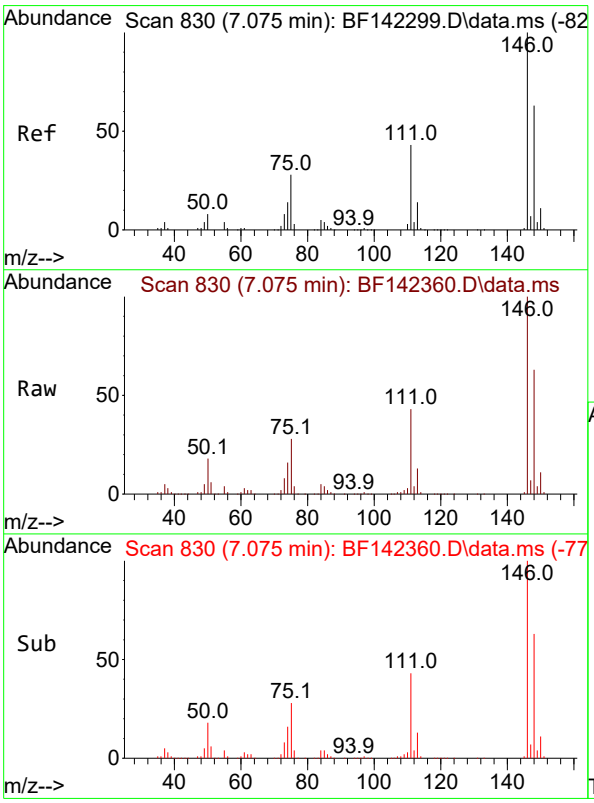
#13
1,4-Dichlorobenzene
Concen: 39.282 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 525548

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
111	40.9	33.4	50.2

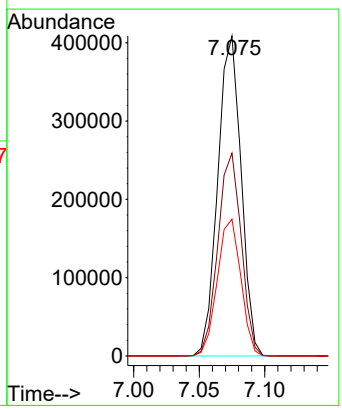


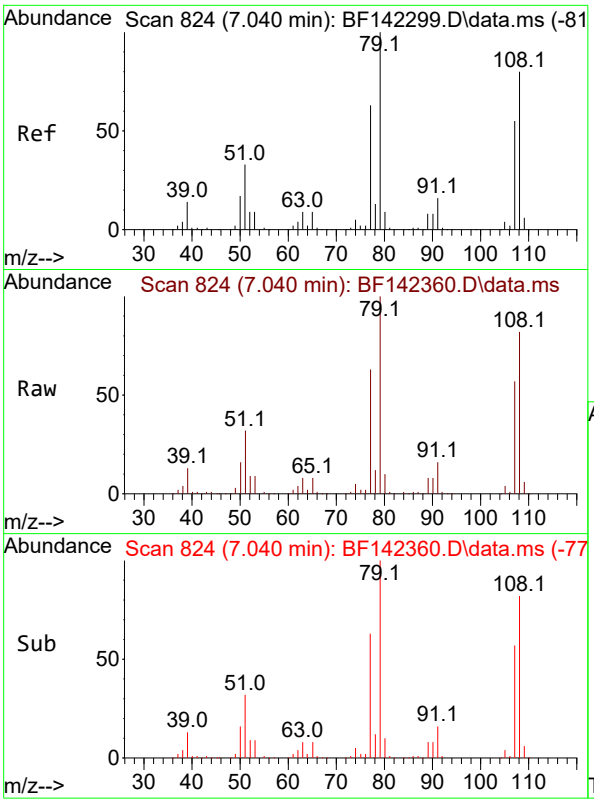


#14
1,2-Dichlorobenzene
Concen: 39.374 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:146 Resp: 505630

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.3	75.5
111	42.7	34.5	51.7



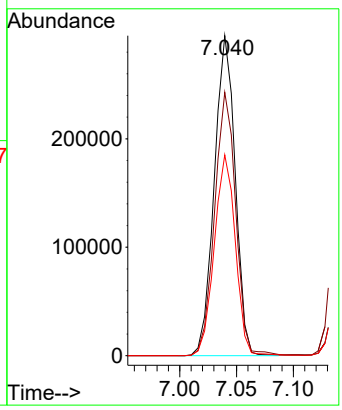


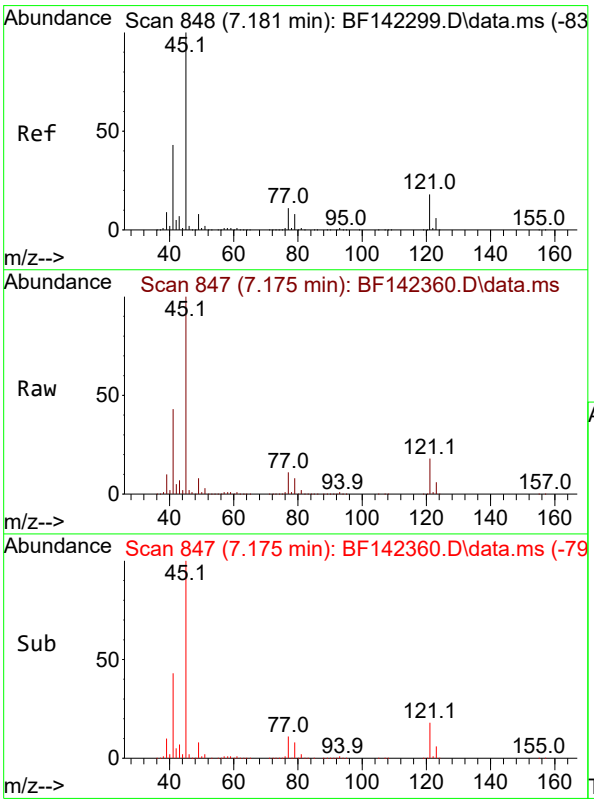
#15
Benzyl Alcohol
Concen: 43.553 ng
RT: 7.040 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 378057

Ion	Ratio	Lower	Upper
79	100		
108	82.3	63.9	95.9
77	62.8	50.7	76.1

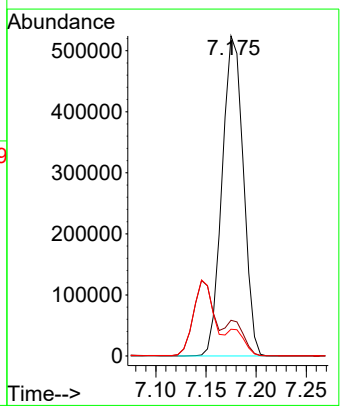


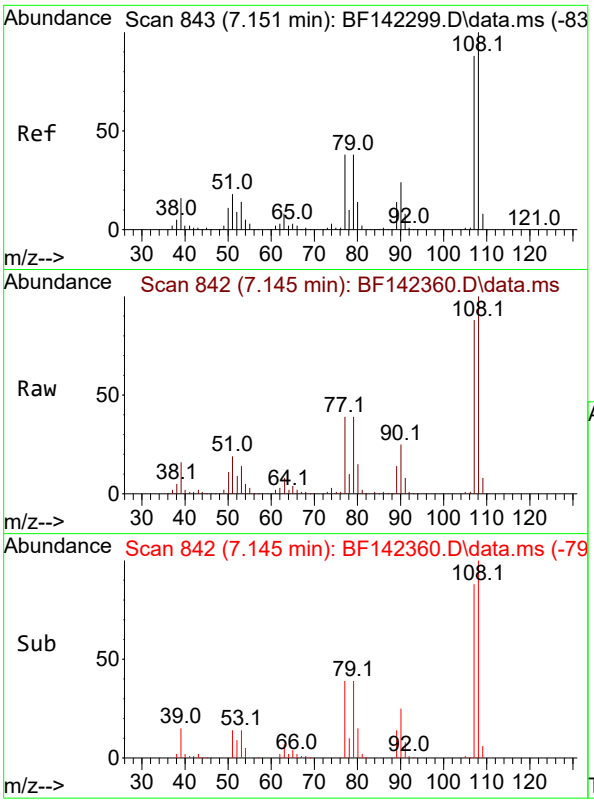


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.810 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion: 45 Resp: 770263

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.4	0.0	28.5



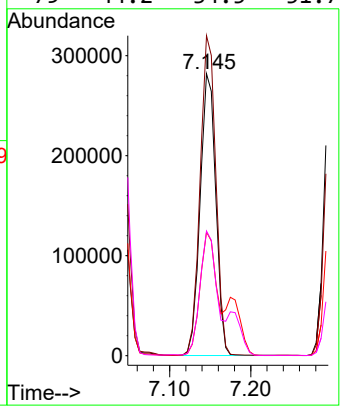


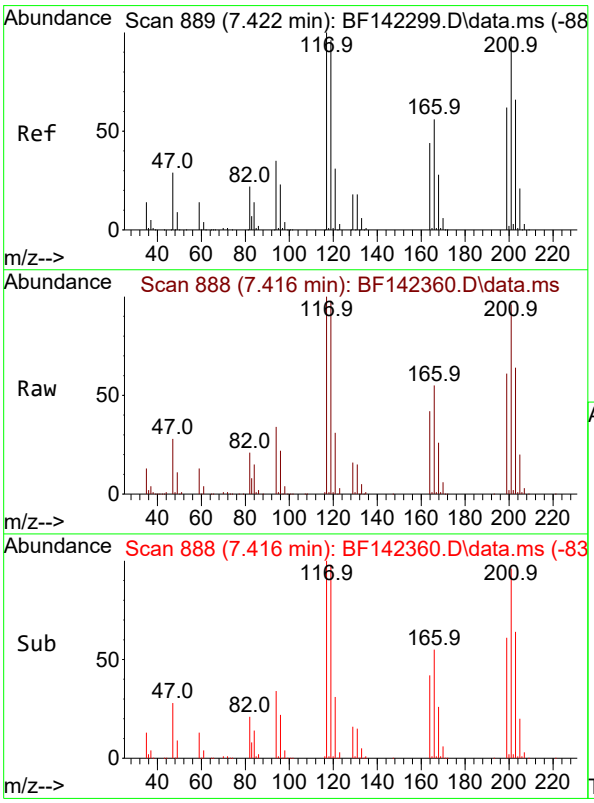
#17
2-Methylphenol
Concen: 39.915 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 376380

Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.1	136.7
77	43.9	34.7	52.1
79	44.2	34.5	51.7

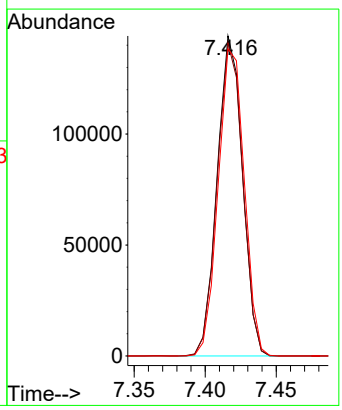


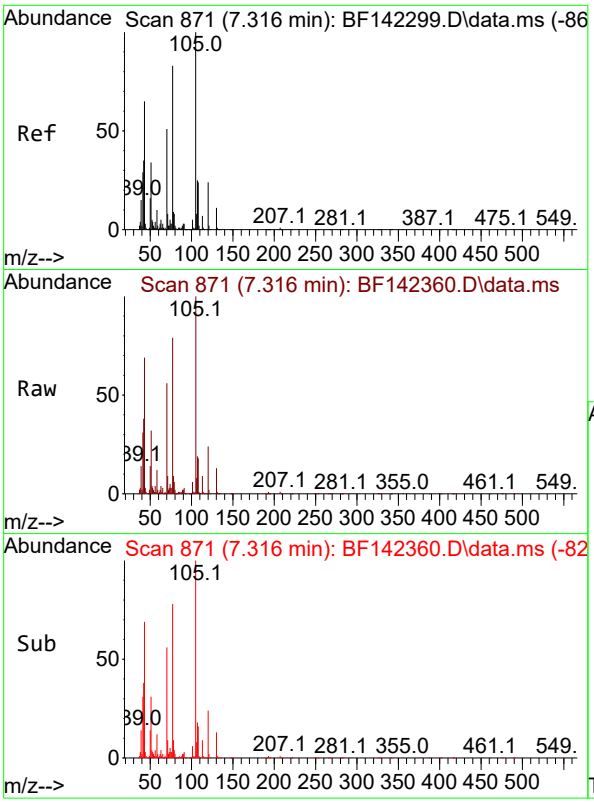


#18
Hexachloroethane
Concen: 40.200 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:117 Resp: 178947

Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.9	115.3
201	96.0	78.0	117.0



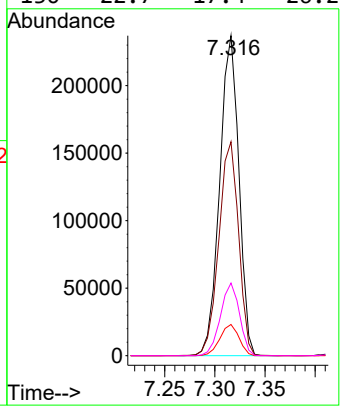


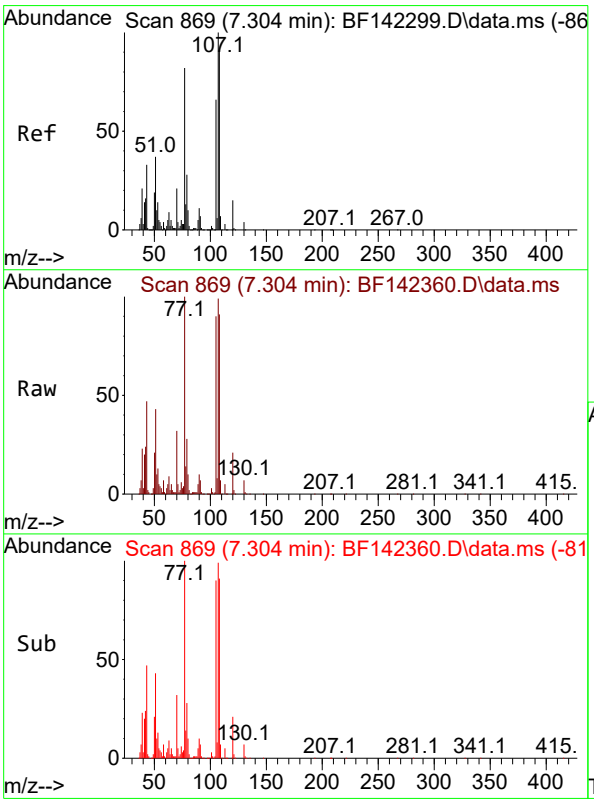
#19
n-Nitroso-di-n-propylamine
Concen: 37.947 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 314656

Ion	Ratio	Lower	Upper
70	100		
42	66.8	54.8	82.2
101	9.8	7.7	11.5
130	22.7	17.4	26.2

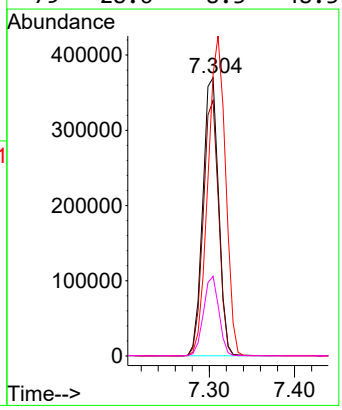


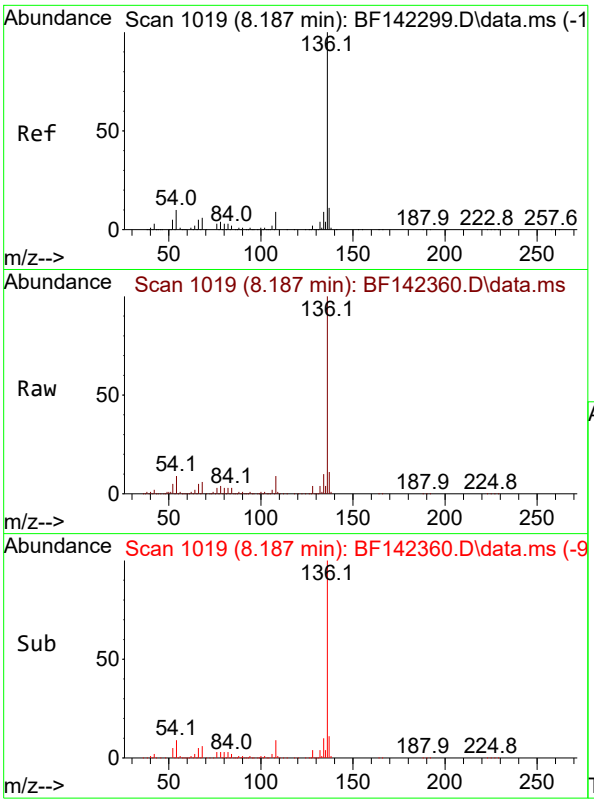


#20
3+4-Methylphenols
Concen: 40.437 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:107 Resp: 475879

Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.5	111.5
77	101.1	61.6	101.6
79	28.6	8.3	48.3



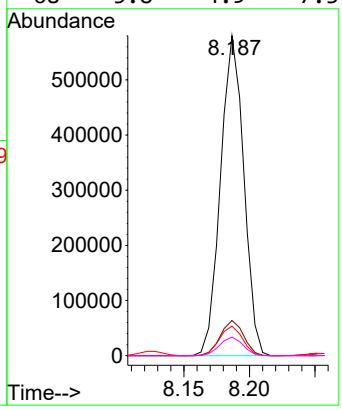


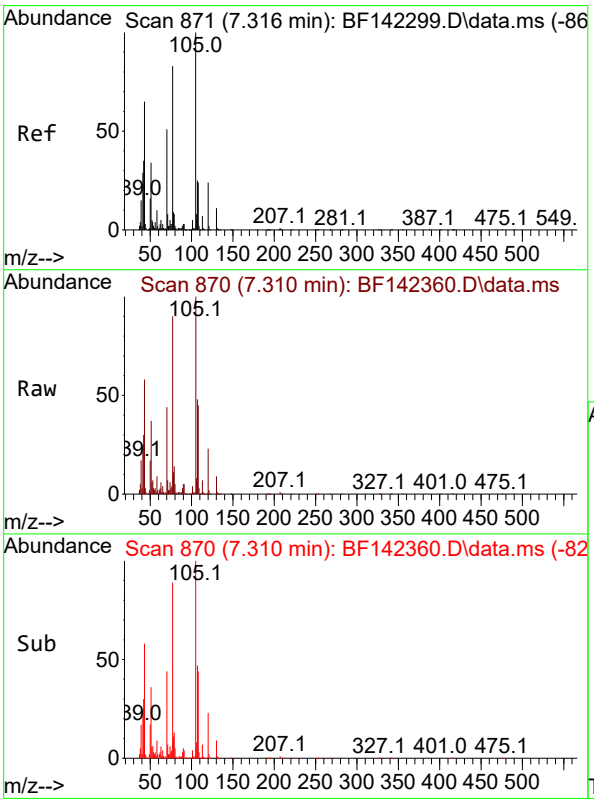
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 714913

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.2	7.7	11.5
68	5.8	4.9	7.3

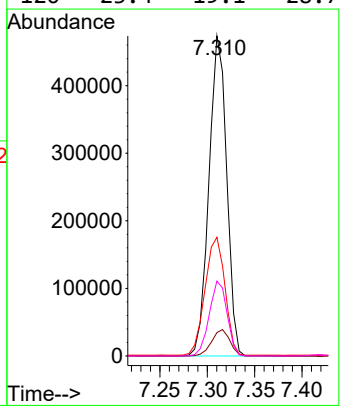


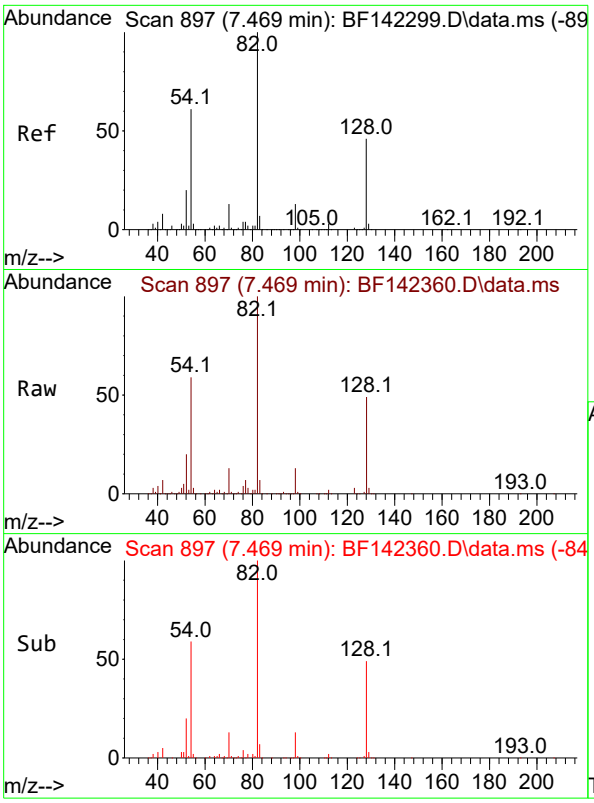


#22
Acetophenone
Concen: 38.738 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:105 Resp: 615764

Ion	Ratio	Lower	Upper
105	100		
71	7.3	6.7	10.1
51	37.1	27.6	41.4
120	23.4	19.1	28.7



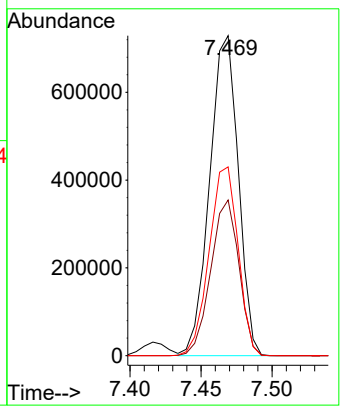


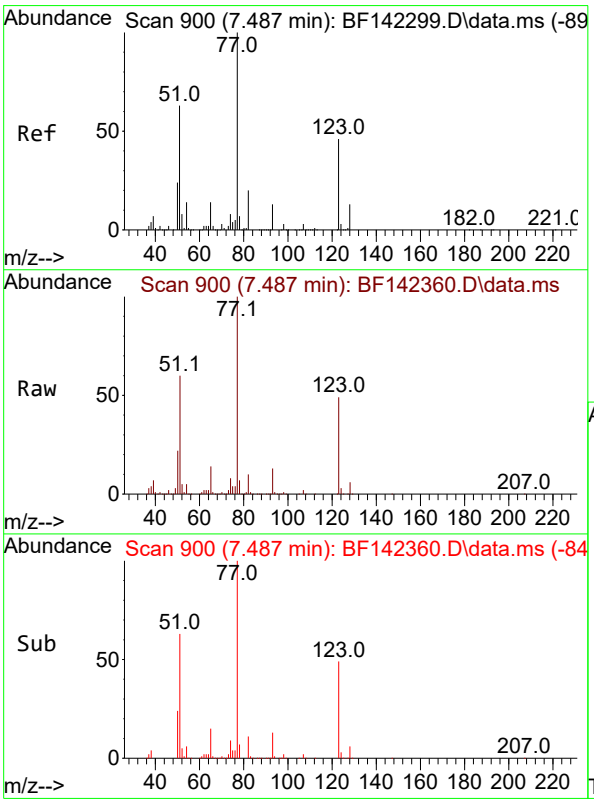
#23
Nitrobenzene-d5
Concen: 87.243 ng
RT: 7.469 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1022694

Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.0	55.6
54	59.0	48.6	73.0

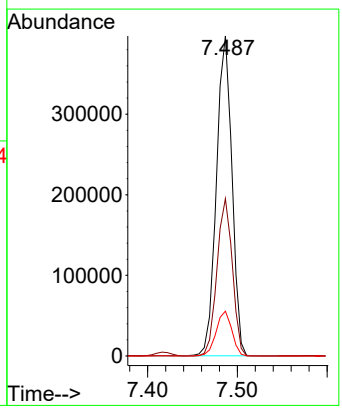


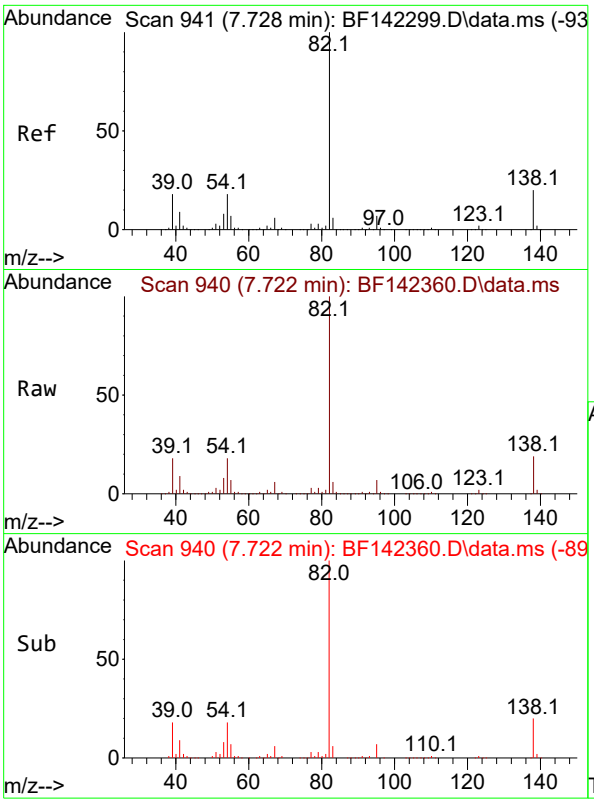


#24
Nitrobenzene
Concen: 43.176 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion: 77 Resp: 477090

Ion	Ratio	Lower	Upper
77	100		
123	49.2	37.8	56.8
65	14.0	11.4	17.0



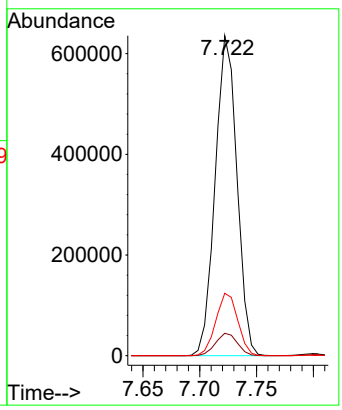


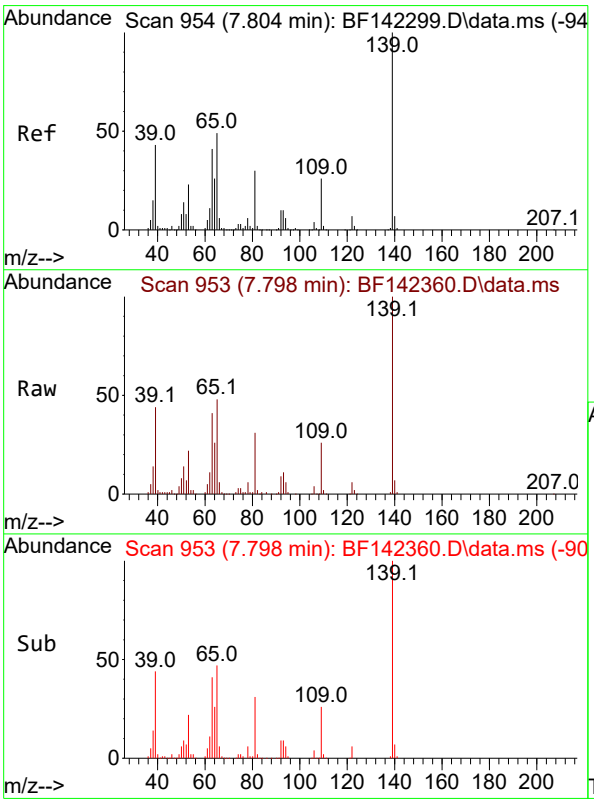
#25
Isophorone
Concen: 38.180 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 847508

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.8
138	19.5	16.1	24.1

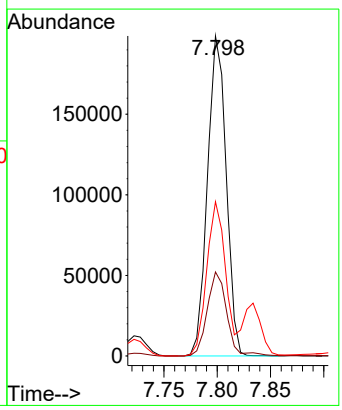


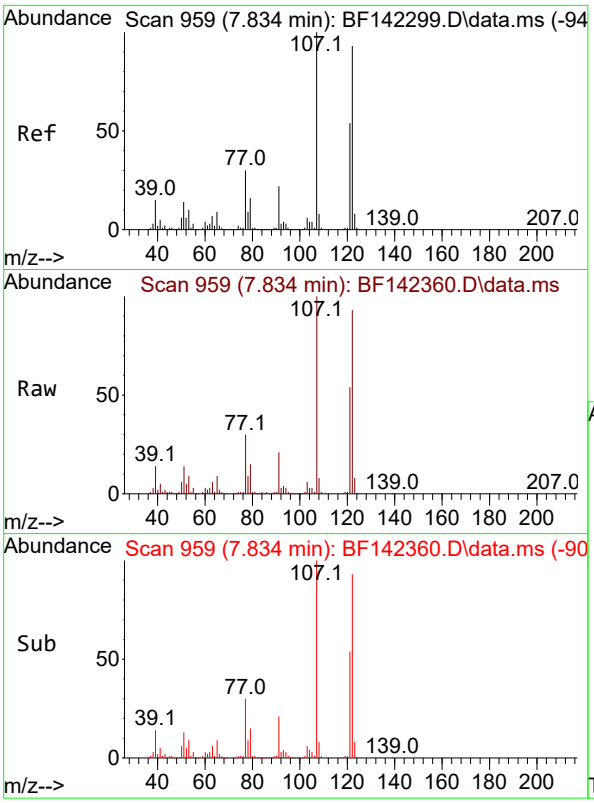


#26
2-Nitrophenol
Concen: 45.713 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:139 Resp: 242338

Ion	Ratio	Lower	Upper
139	100		
109	26.3	20.8	31.2
65	48.2	38.9	58.3



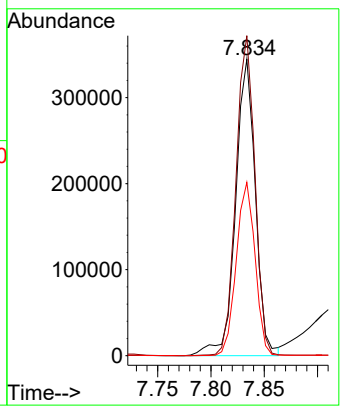


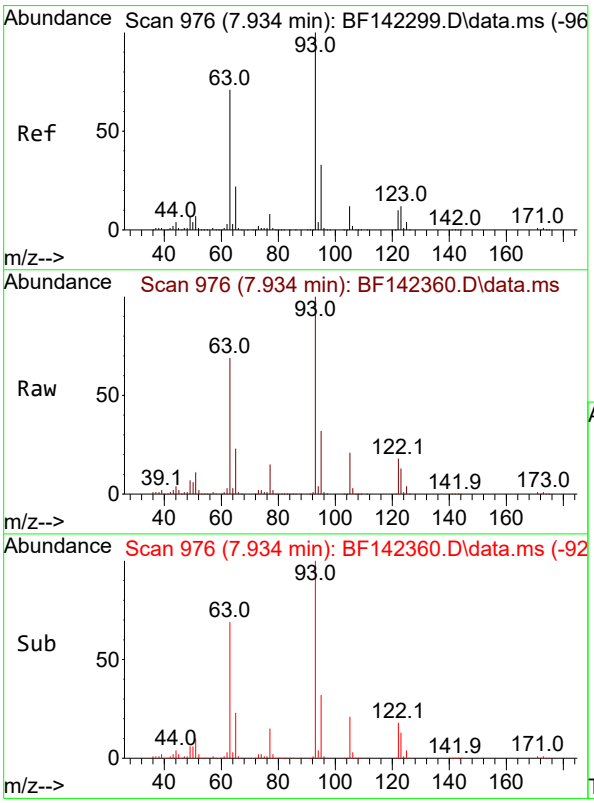
#27
2,4-Dimethylphenol
Concen: 40.153 ng
RT: 7.834 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 448128

Ion	Ratio	Lower	Upper
122	100		
107	107.9	86.0	129.0
121	58.4	46.2	69.4

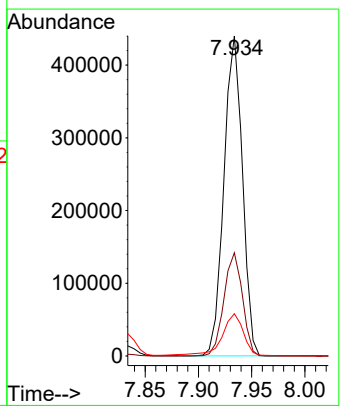


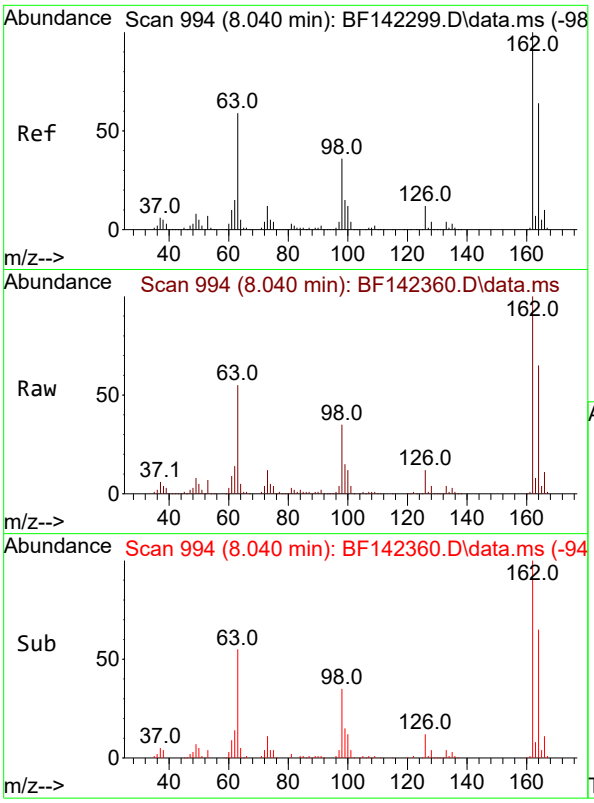


#28
bis(2-Chloroethoxy)methane
Concen: 37.109 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion: 93 Resp: 529676

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.1	39.1
123	13.2	10.2	15.4



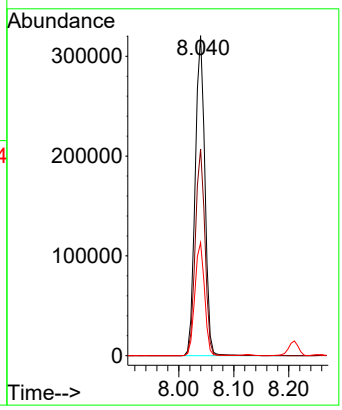


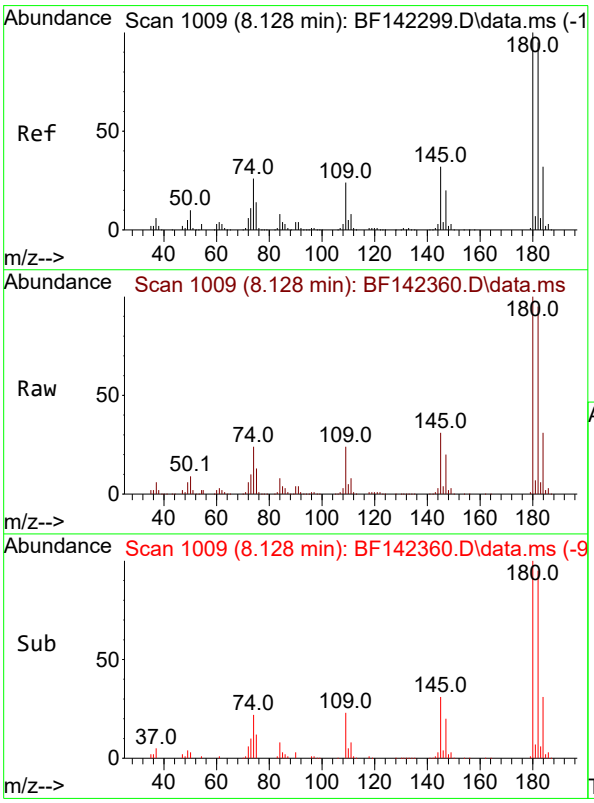
#29
2,4-Dichlorophenol
Concen: 41.422 ng
RT: 8.040 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 393027

Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.6	83.6
98	35.3	16.5	56.5

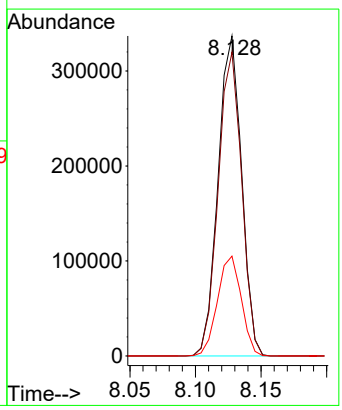


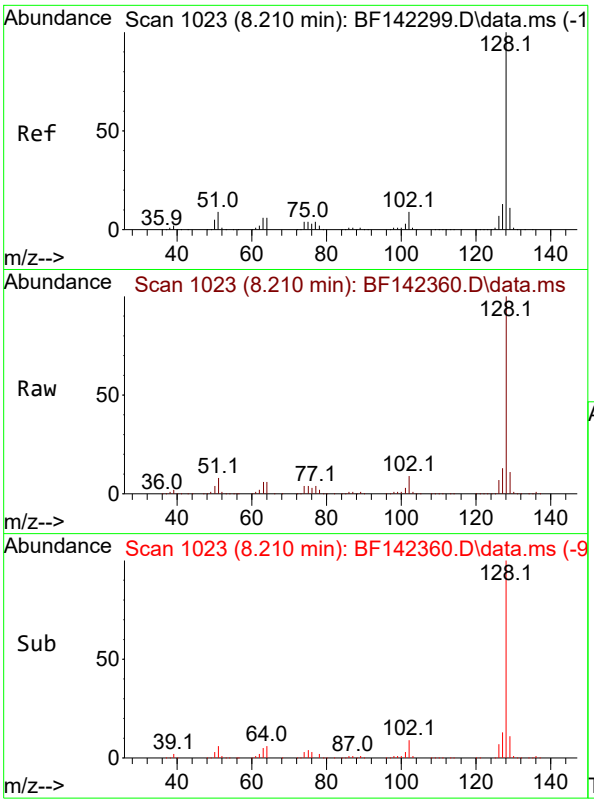


#30
1,2,4-Trichlorobenzene
Concen: 39.282 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:180 Resp: 419475

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.4
145	31.2	25.8	38.6



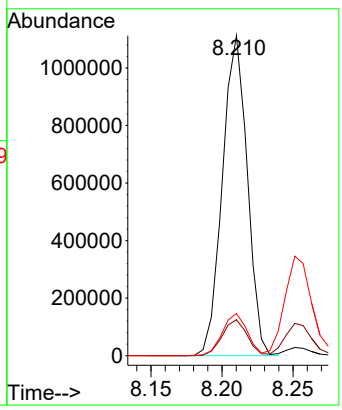


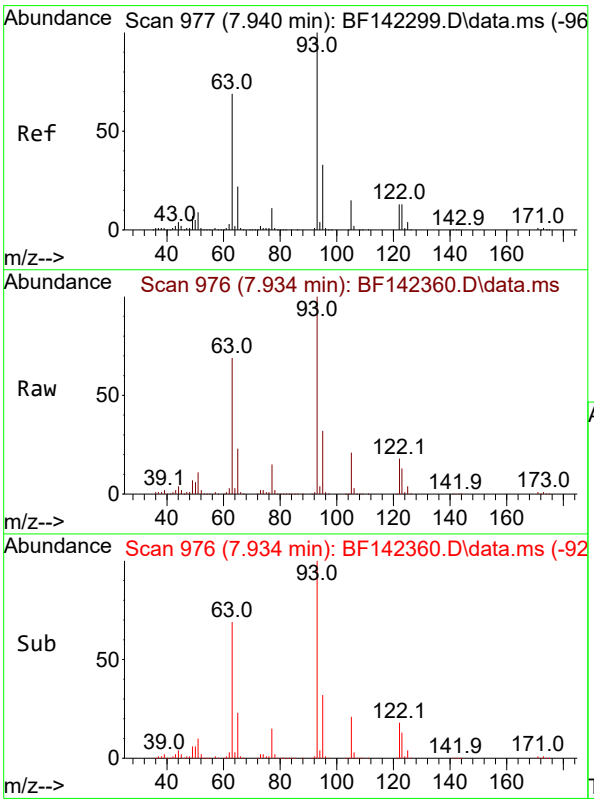
#31
Naphthalene
Concen: 39.092 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1354496

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.2	10.5	15.7

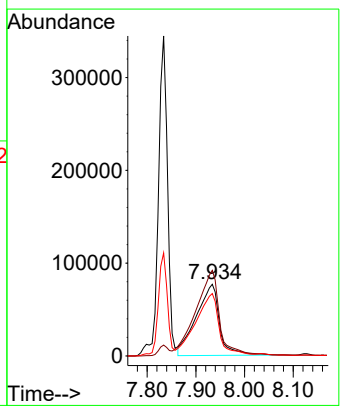


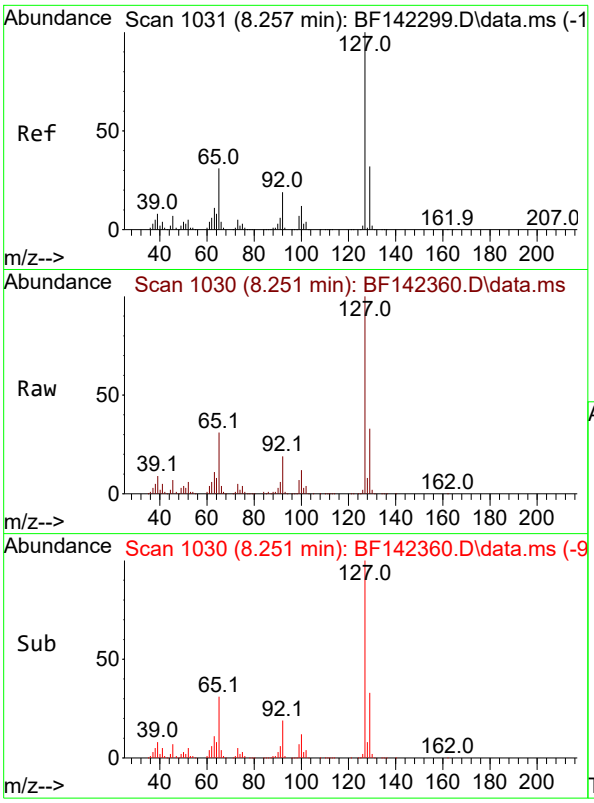


#32
Benzoic acid
Concen: 43.926 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:122 Resp: 255727

Ion	Ratio	Lower	Upper
122	100		
105	119.4	97.9	137.9
77	87.1	67.7	107.7



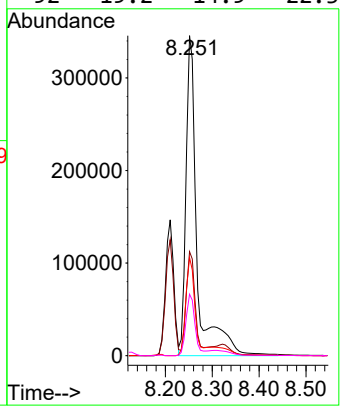


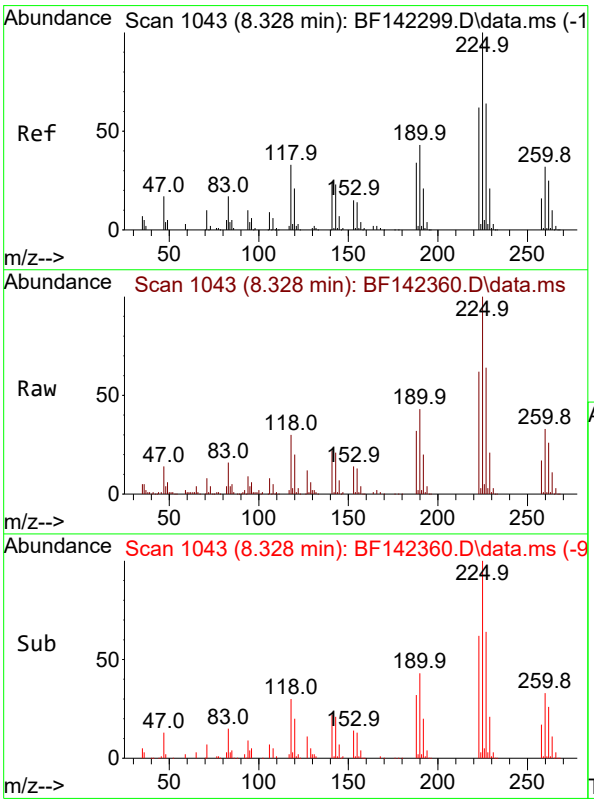
#33
4-Chloroaniline
Concen: 40.757 ng m
RT: 8.251 min Scan# 1
Delta R.T. -0.016 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 576235

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	30.7	24.9	37.3
92	19.2	14.9	22.3

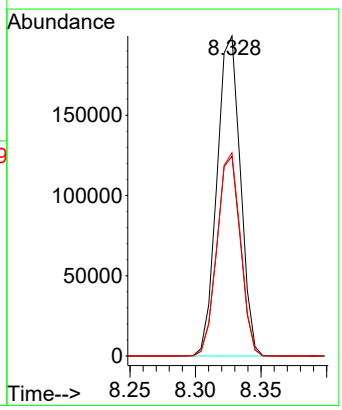


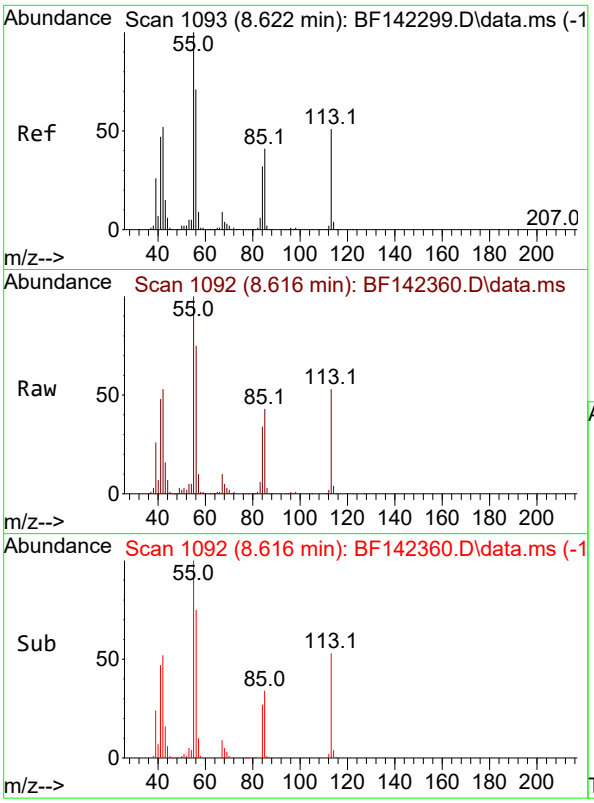


#34
Hexachlorobutadiene
Concen: 39.063 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:225 Resp: 247000

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.8	74.6
227	63.5	50.9	76.3



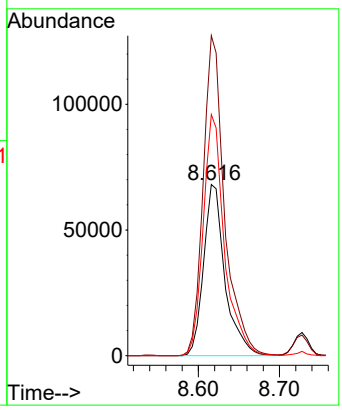


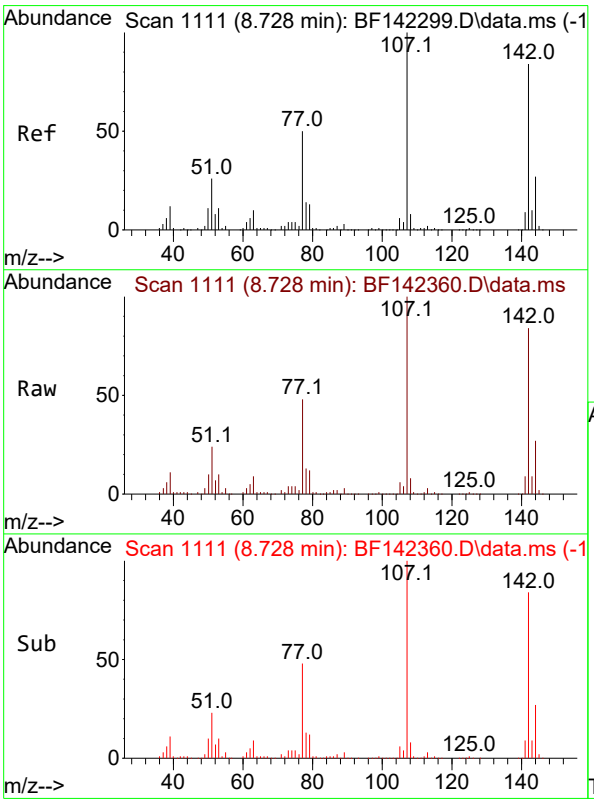
#35
Caprolactam
Concen: 44.986 ng
RT: 8.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 124402

Ion	Ratio	Lower	Upper
113	100		
55	186.9	176.4	216.4
56	140.8	120.3	160.3

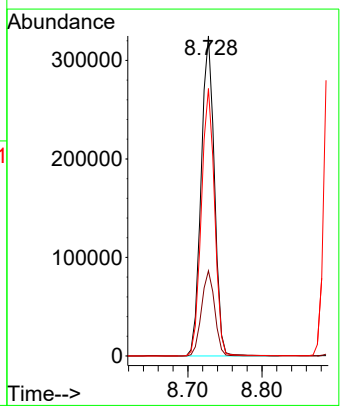


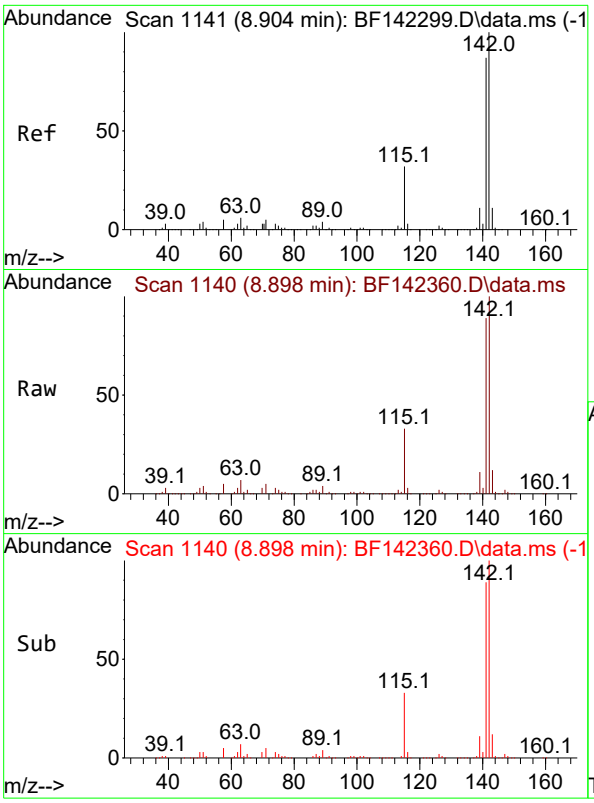


#36
4-Chloro-3-methylphenol
Concen: 40.986 ng
RT: 8.728 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:107 Resp: 404258

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.3	31.9
142	83.5	66.9	100.3



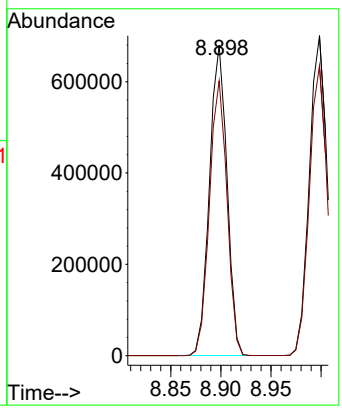


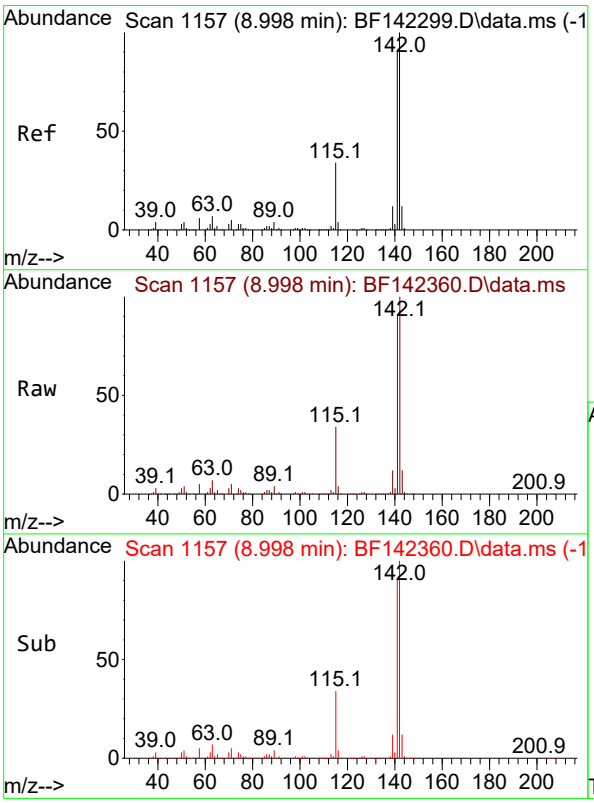
#37
2-Methylnaphthalene
Concen: 38.452 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 827869

Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.4	104.2

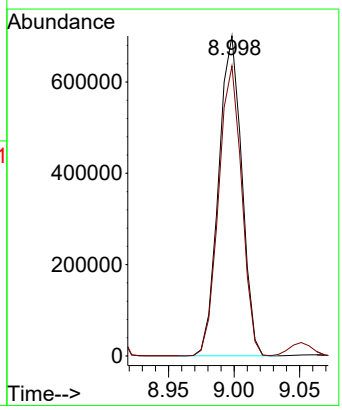


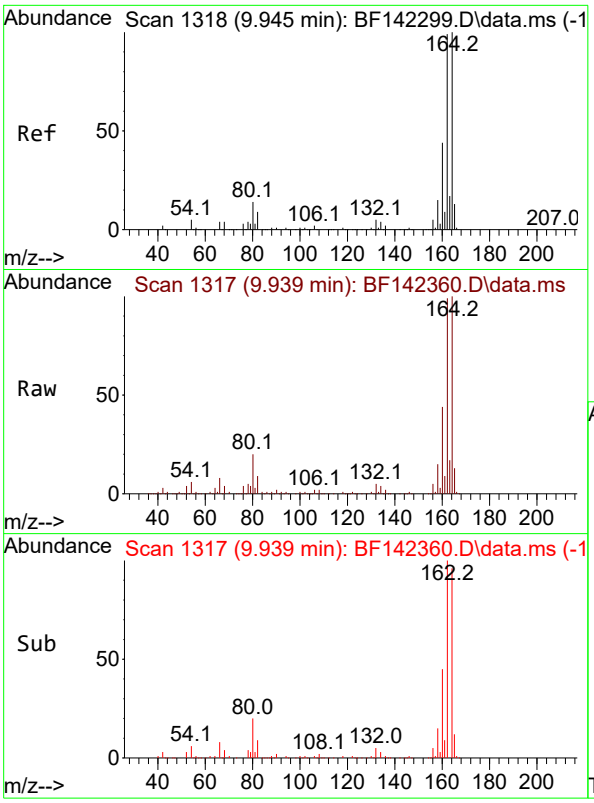


#38
1-Methylnaphthalene
Concen: 38.293 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:142 Resp: 859310

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.5	108.7



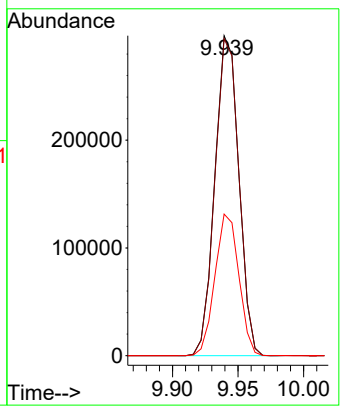


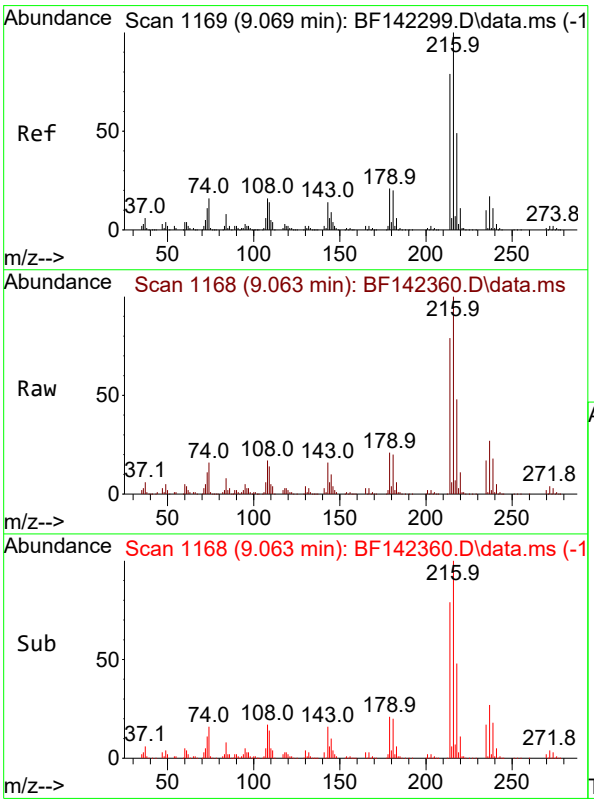
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 377100

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.2	118.8
160	44.2	35.3	52.9

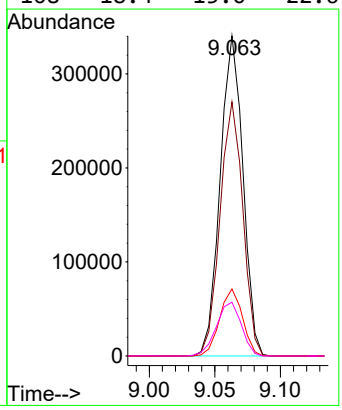


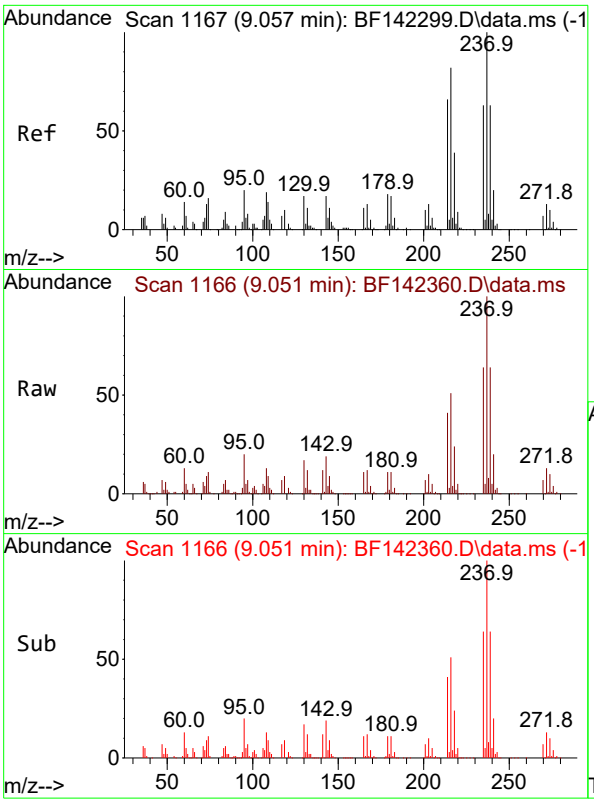


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.969 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:216 Resp: 410425

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.6
179	21.0	17.0	25.6
108	18.4	15.0	22.6



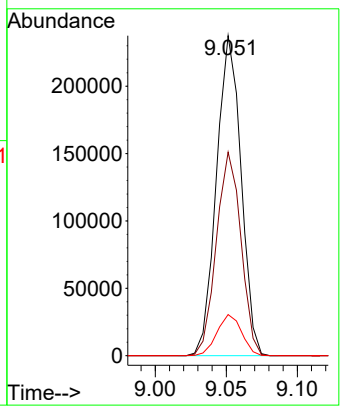


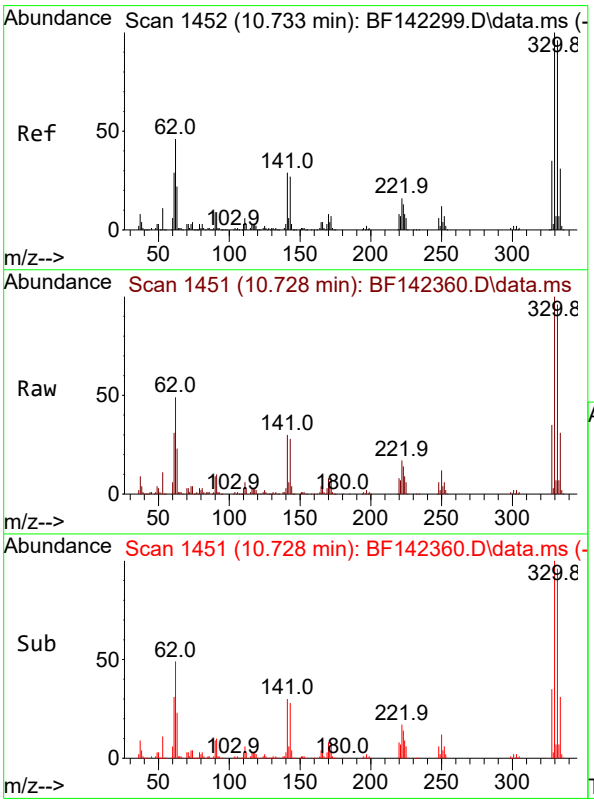
#41
Hexachlorocyclopentadiene
Concen: 43.908 ng
RT: 9.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 285802

Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.8	82.8
272	12.9	0.0	33.0

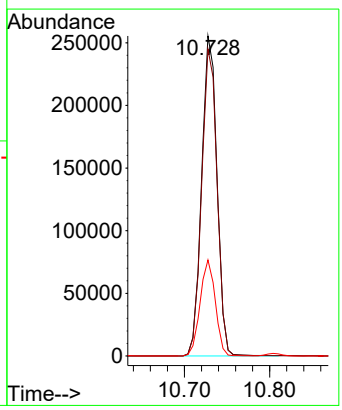


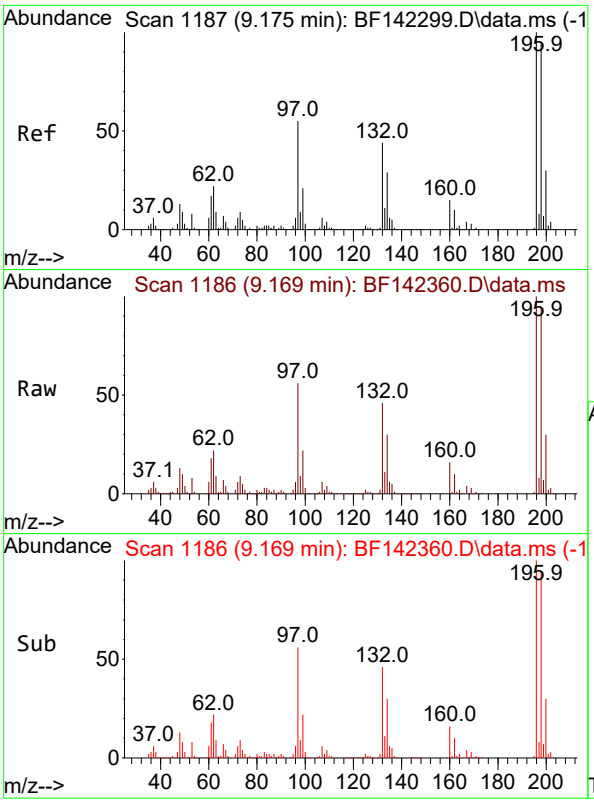


#42
2,4,6-Tribromophenol
Concen: 87.794 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:330 Resp: 319643

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	29.7	24.9	37.3



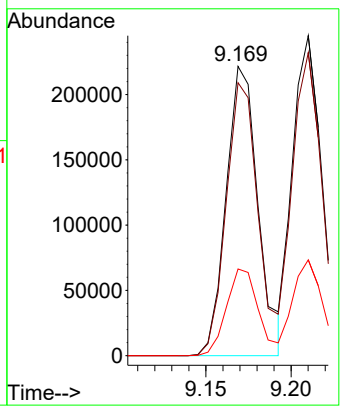


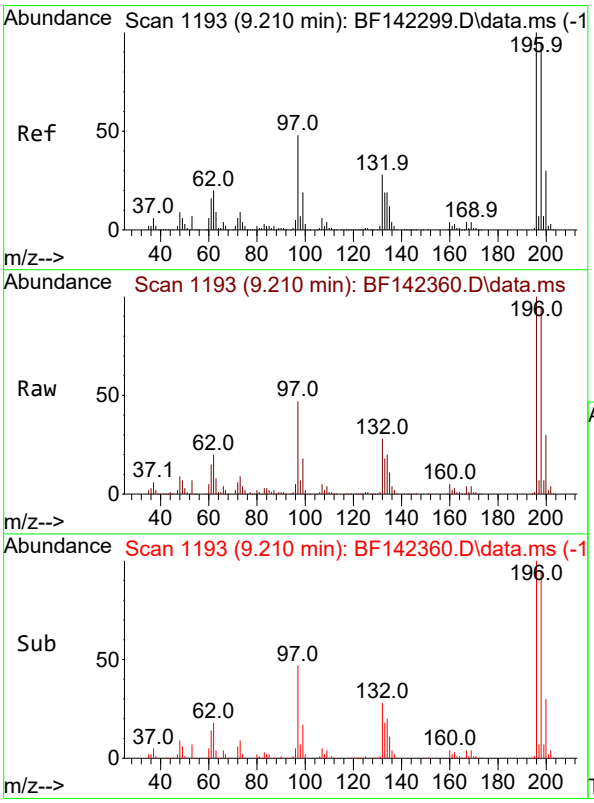
#43
2,4,6-Trichlorophenol
Concen: 43.508 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 289033

Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.4	113.0
200	30.0	24.3	36.5

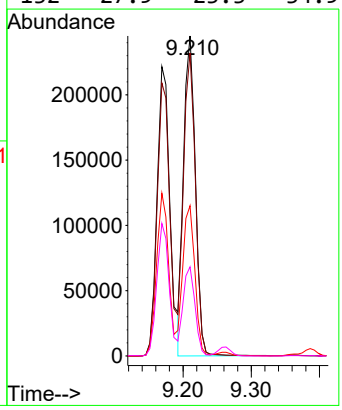


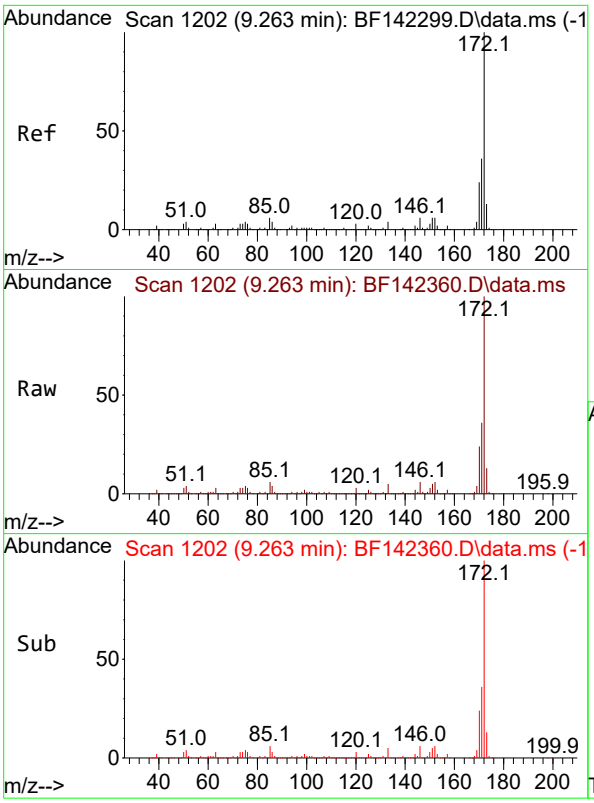


#44
2,4,5-Trichlorophenol
Concen: 41.477 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:196 Resp: 293179

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.1	114.1
97	46.9	39.0	58.4
132	27.9	23.3	34.9



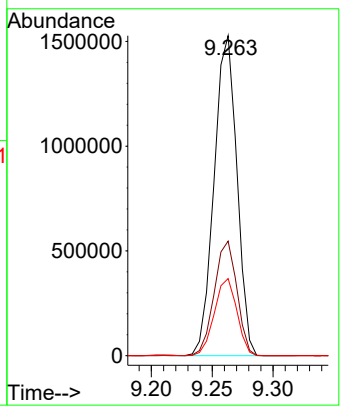


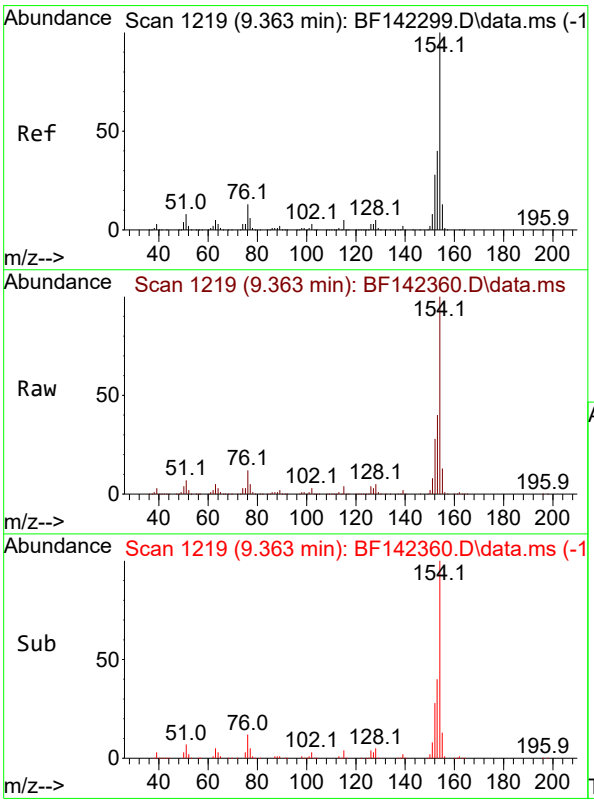
#45
2-Fluorobiphenyl
Concen: 75.319 ng
RT: 9.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1991949

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	24.1	19.0	28.4

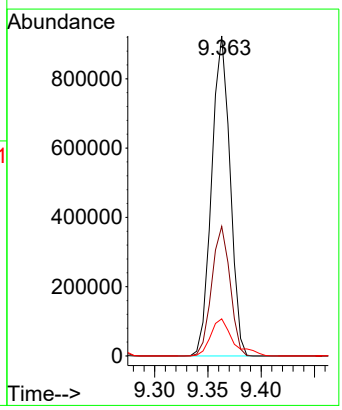


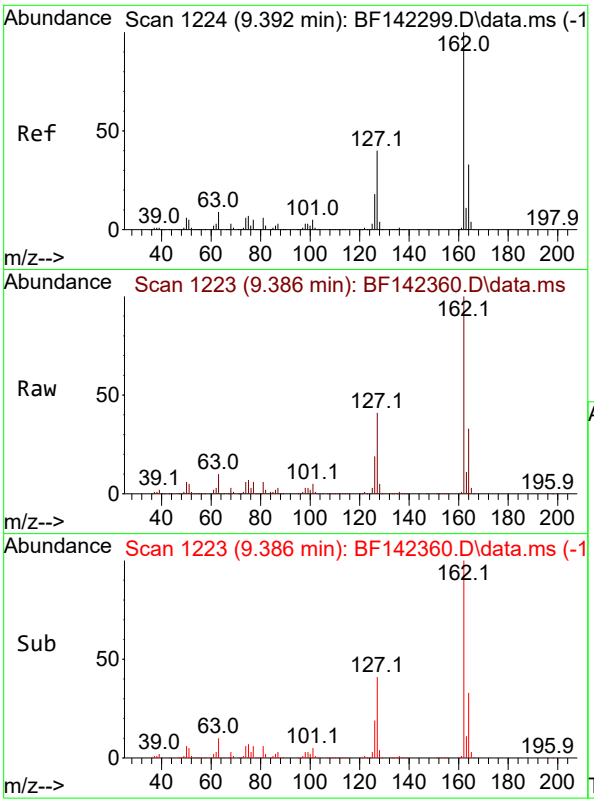


#46
1,1'-Biphenyl
Concen: 38.397 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:154 Resp: 1110207

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	11.6	0.0	32.8



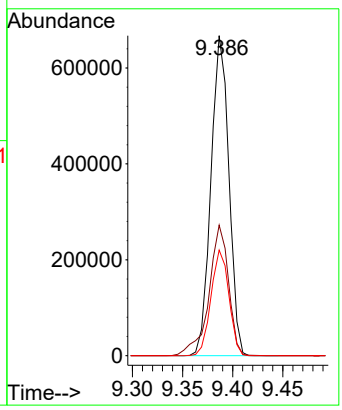


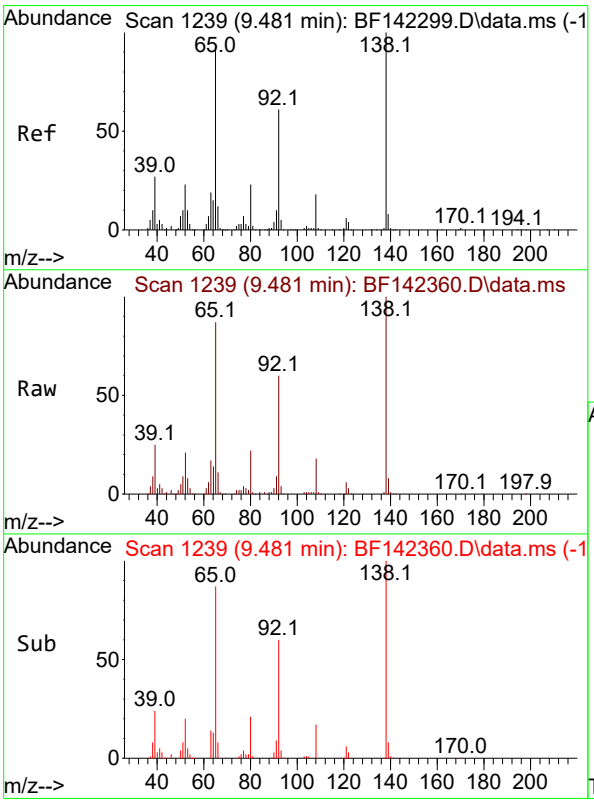
#47
2-Chloronaphthalene
Concen: 38.565 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 829236

Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.3	48.5
164	33.0	26.6	40.0

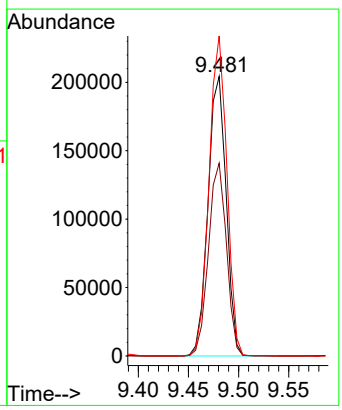


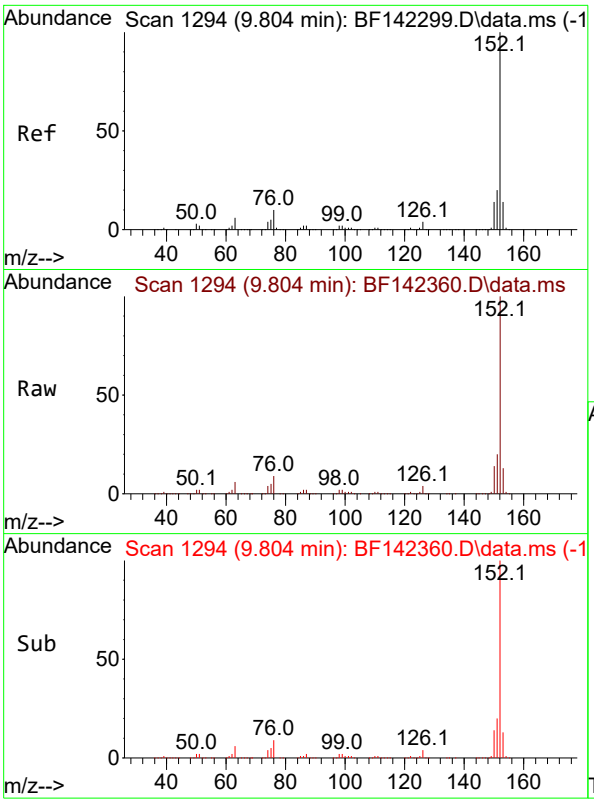


#48
2-Nitroaniline
Concen: 46.815 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion: 65 Resp: 258025

Ion	Ratio	Lower	Upper
65	100		
92	69.0	52.3	78.5
138	114.5	85.6	128.4



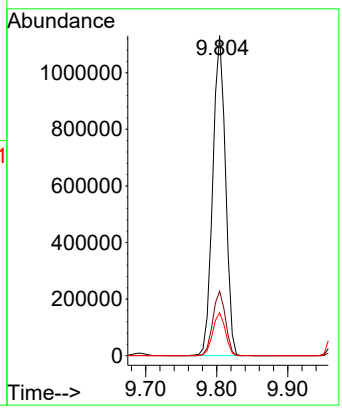


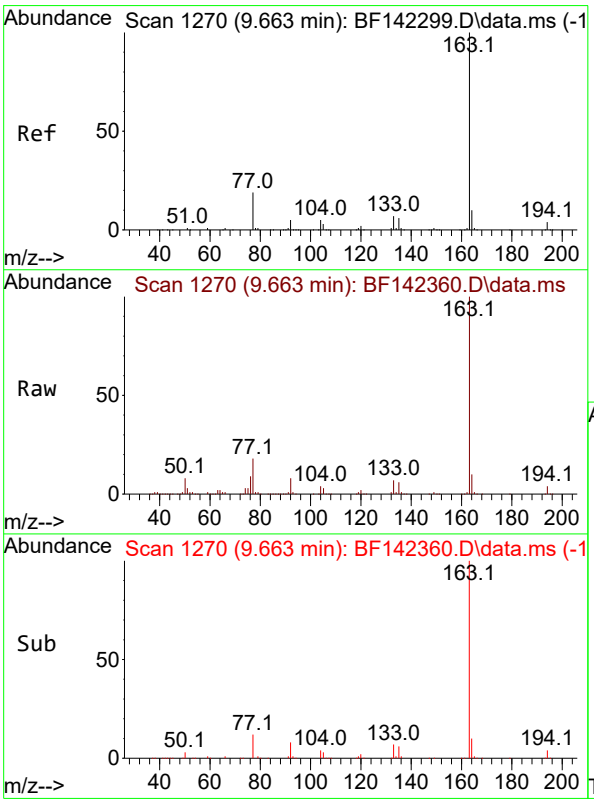
#49
Acenaphthylene
Concen: 38.978 ng
RT: 9.804 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1402068

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.4	10.8	16.2

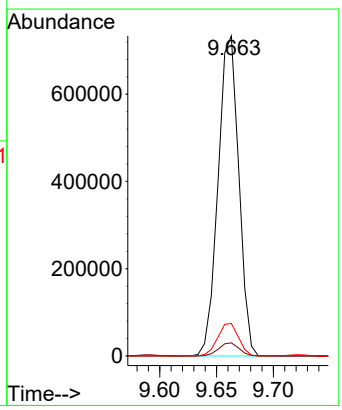


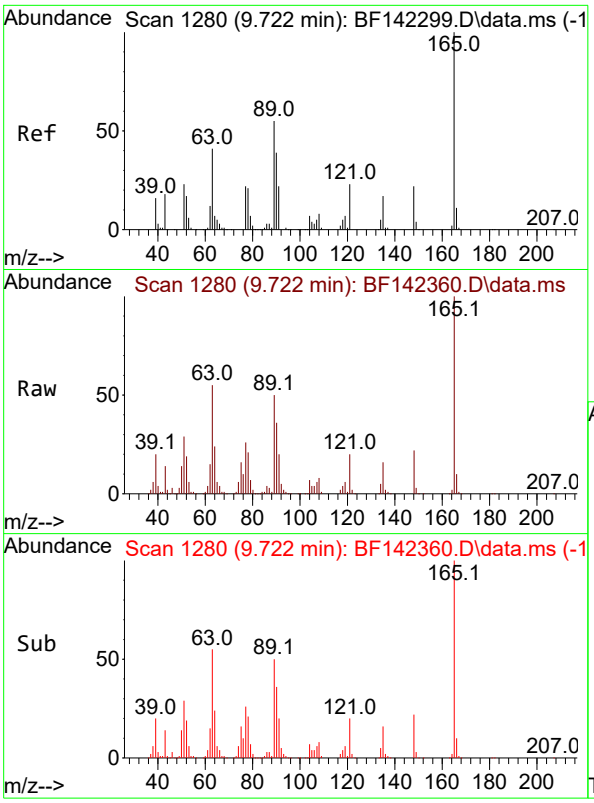


#50
Dimethylphthalate
Concen: 38.414 ng
RT: 9.663 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:163 Resp: 930185

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	8.3	12.5



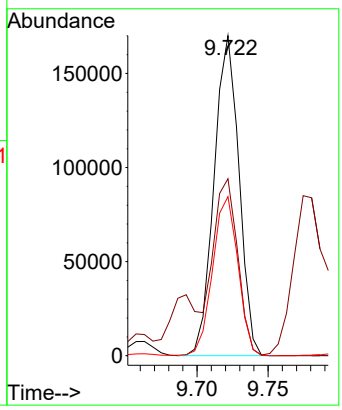


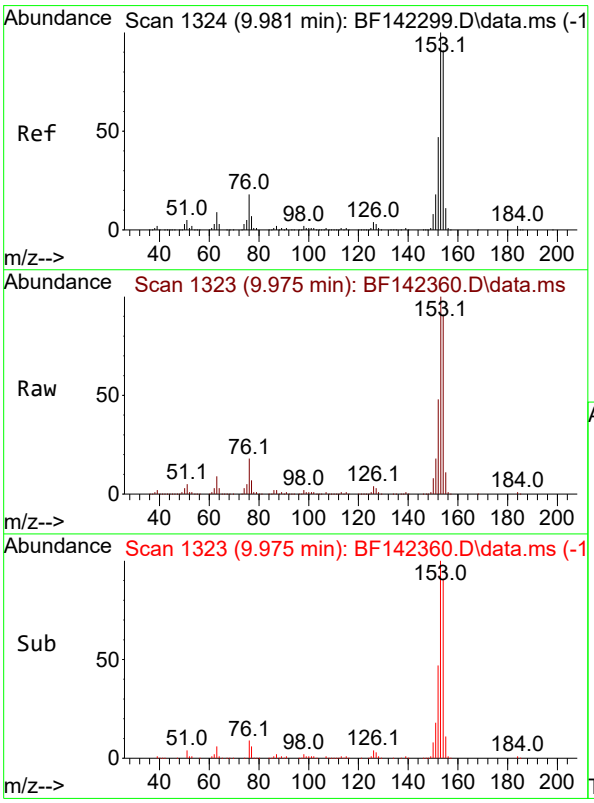
#51
2,6-Dinitrotoluene
Concen: 45.704 ng
RT: 9.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 207153

Ion	Ratio	Lower	Upper
165	100		
63	55.3	49.5	74.3
89	49.7	44.6	66.8

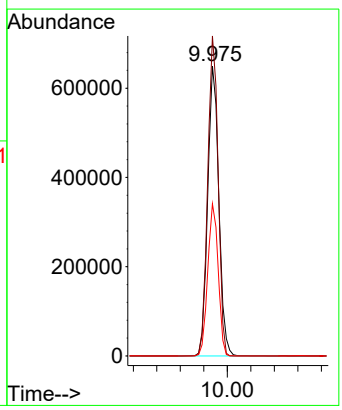


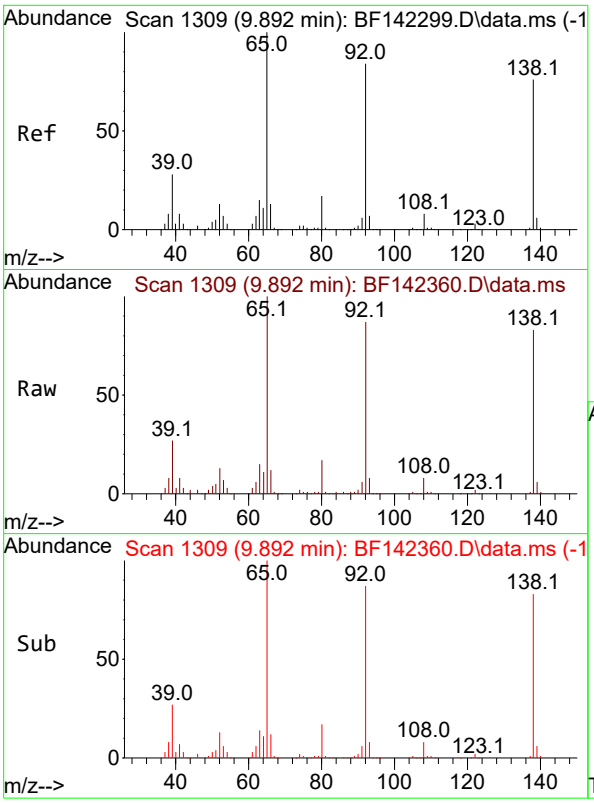


#52
Acenaphthene
Concen: 39.339 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:154 Resp: 850841

Ion	Ratio	Lower	Upper
154	100		
153	110.4	88.0	132.0
152	52.5	41.6	62.4



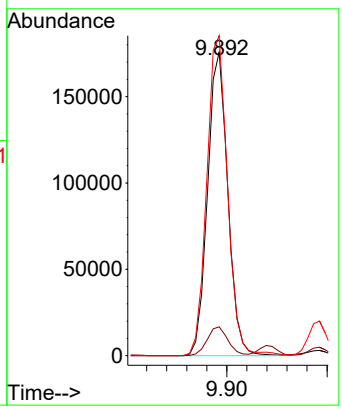


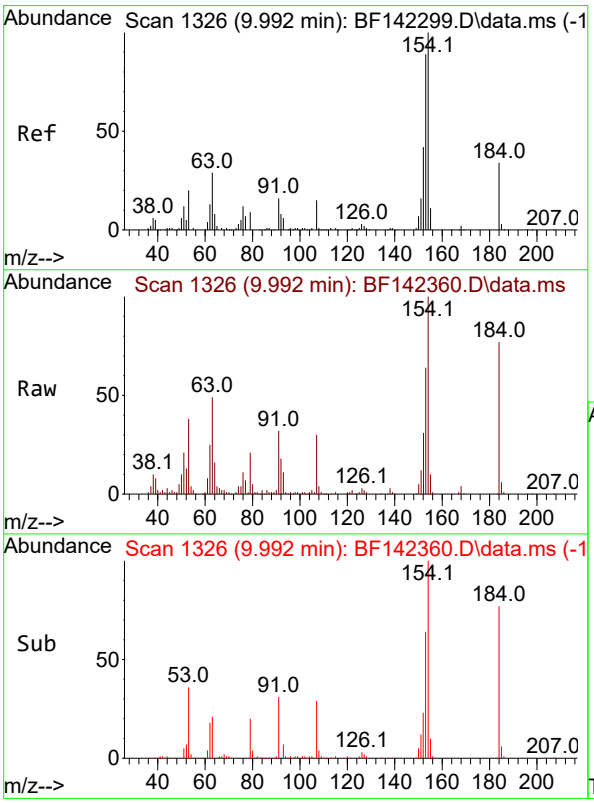
#53
3-Nitroaniline
Concen: 46.368 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 246486

Ion	Ratio	Lower	Upper
138	100		
108	9.5	8.7	13.1
92	105.3	89.5	134.3

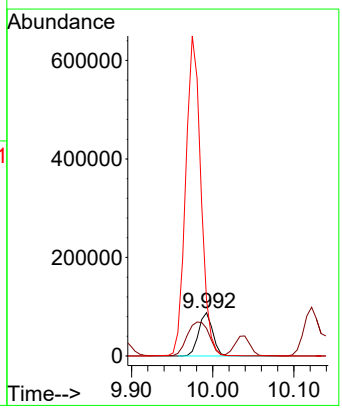


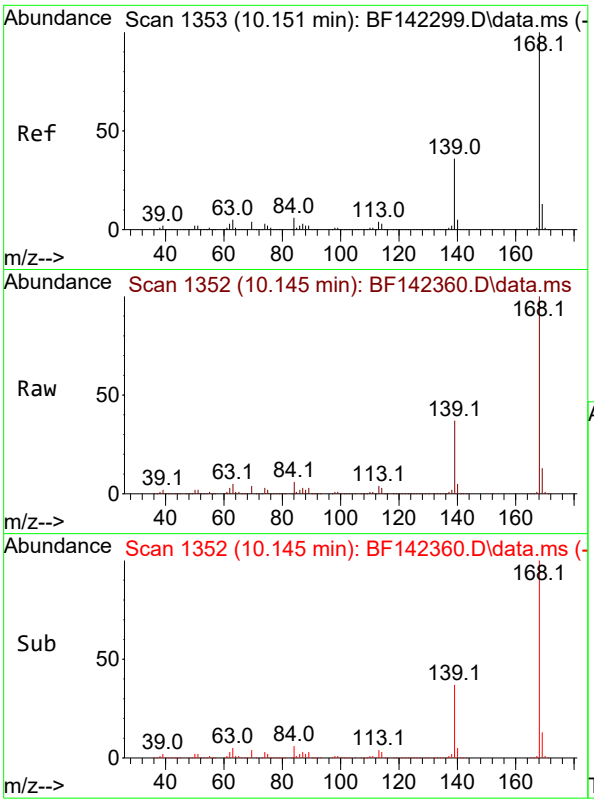


#54
2,4-Dinitrophenol
Concen: 48.209 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:184 Resp: 106331

Ion	Ratio	Lower	Upper
184	100		
63	64.1	70.6	105.8#
154	129.6	257.2	385.8#



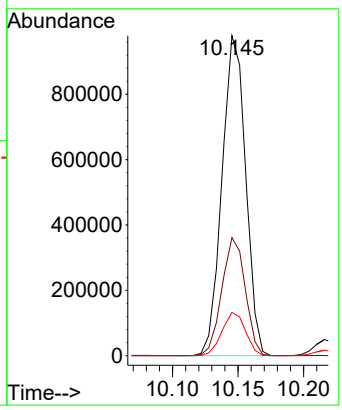


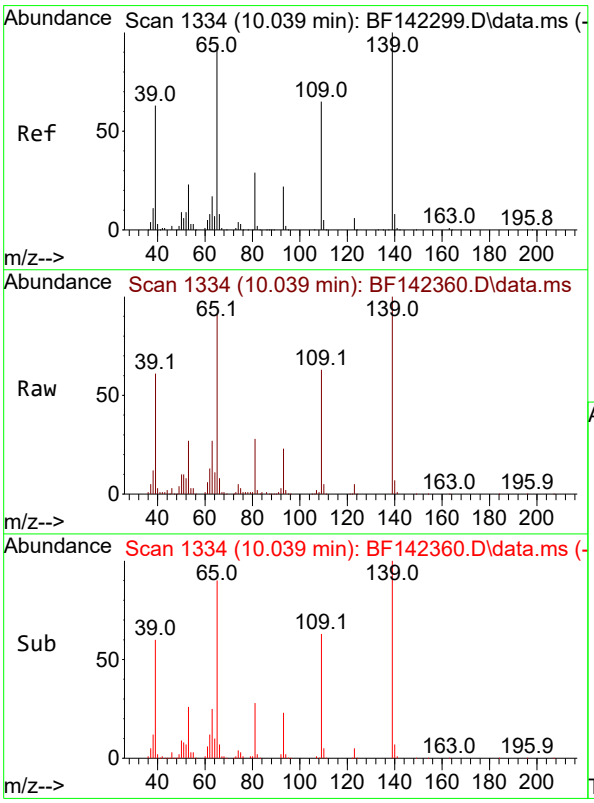
#55
Dibenzofuran
Concen: 38.461 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1227682

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.0	43.4
169	13.5	10.7	16.1

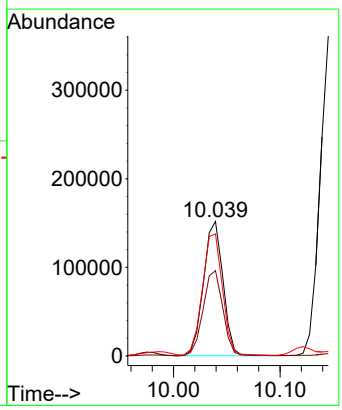


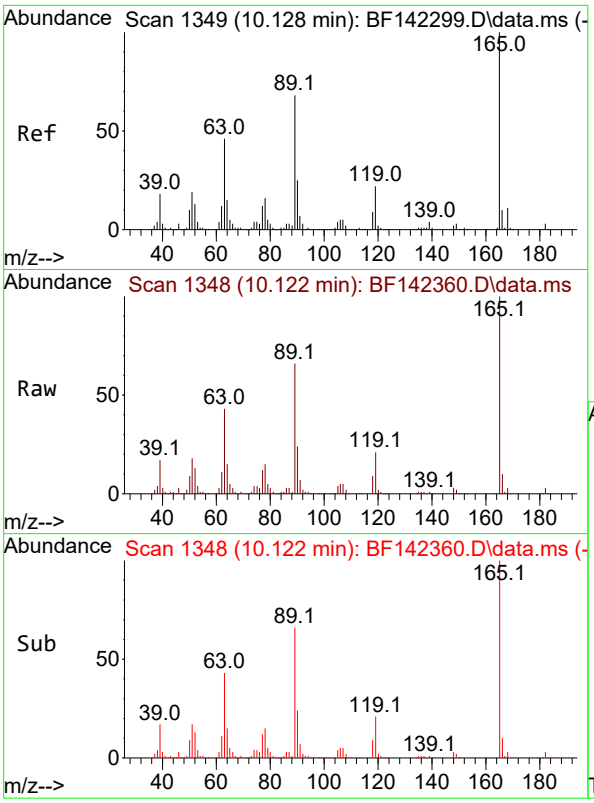


#56
4-Nitrophenol
Concen: 48.388 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:139 Resp: 193591

Ion	Ratio	Lower	Upper
139	100		
109	63.4	45.3	85.3
65	90.8	73.9	113.9



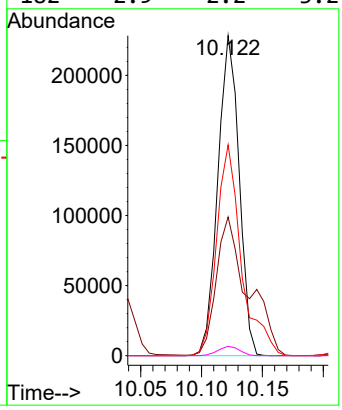


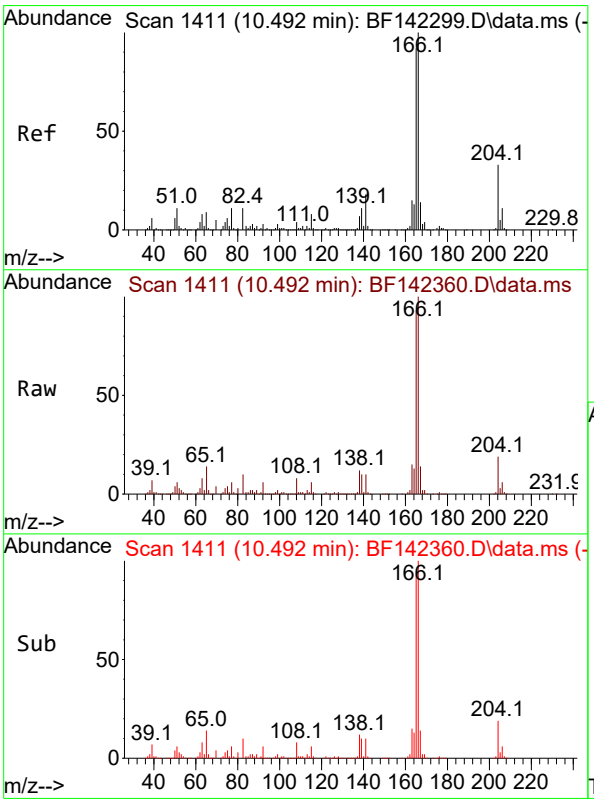
#57
2,4-Dinitrotoluene
Concen: 47.829 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 278079

Ion	Ratio	Lower	Upper
165	100		
63	43.4	37.1	55.7
89	65.9	54.4	81.6
182	2.9	2.2	3.2

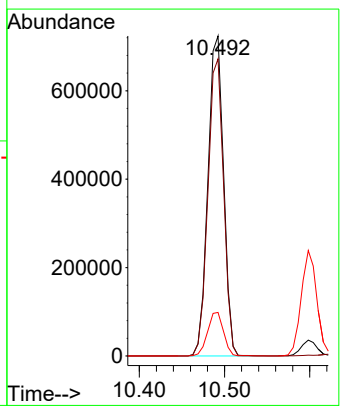


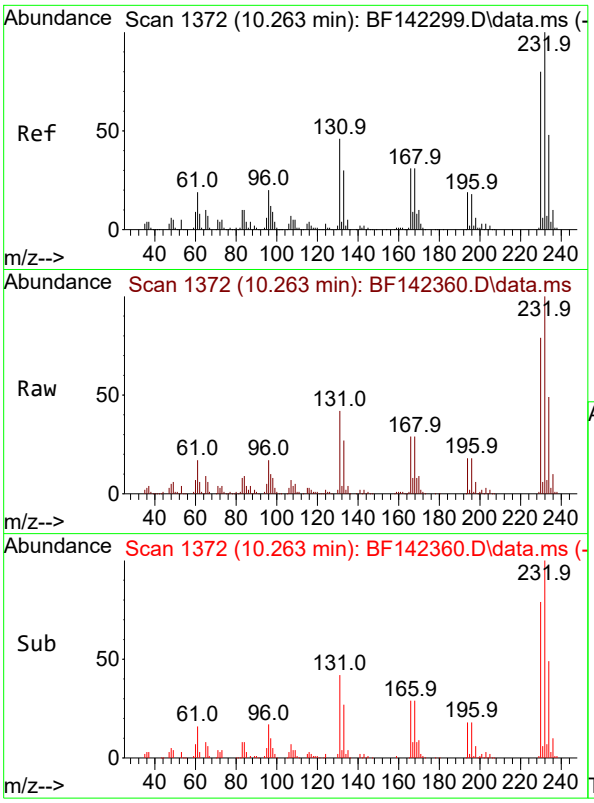


#58
Fluorene
Concen: 37.913 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:166 Resp: 923565

Ion	Ratio	Lower	Upper
166	100		
165	92.8	74.0	111.0
167	13.6	10.9	16.3



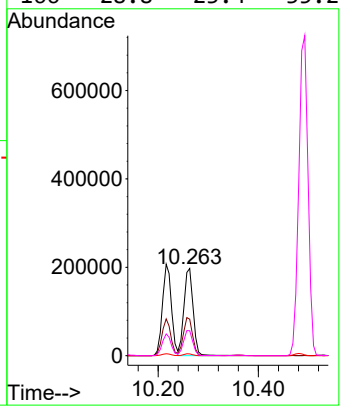


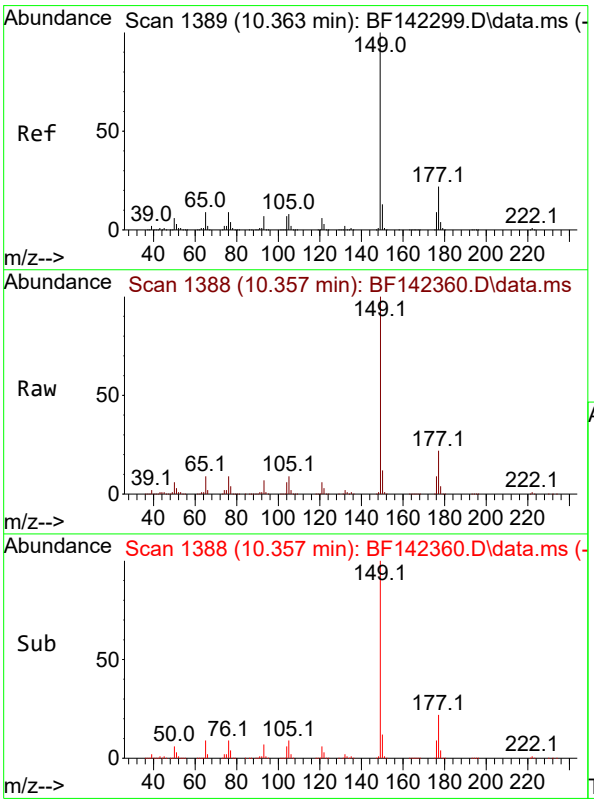
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.165 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 251876

Ion	Ratio	Lower	Upper
232	100		
131	43.4	36.0	54.0
130	2.1	1.8	2.6
166	28.8	23.4	35.2

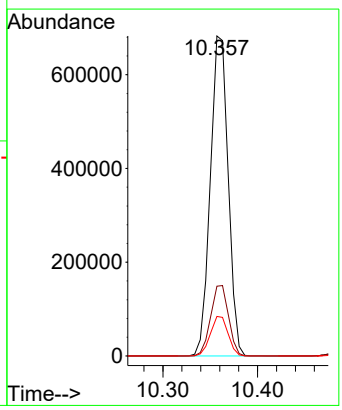


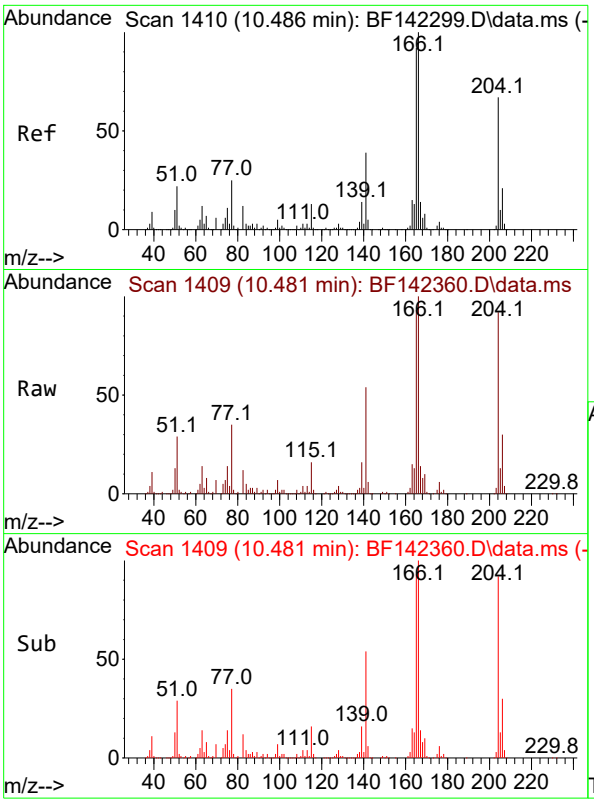


#60
Diethylphthalate
Concen: 37.017 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:149 Resp: 895152

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.6	26.4
150	12.3	10.1	15.1



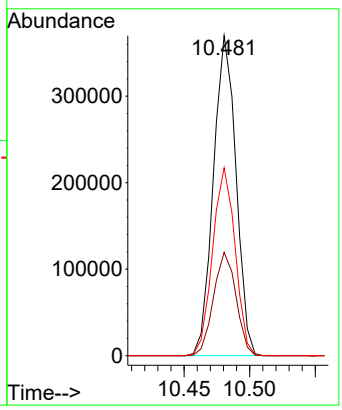


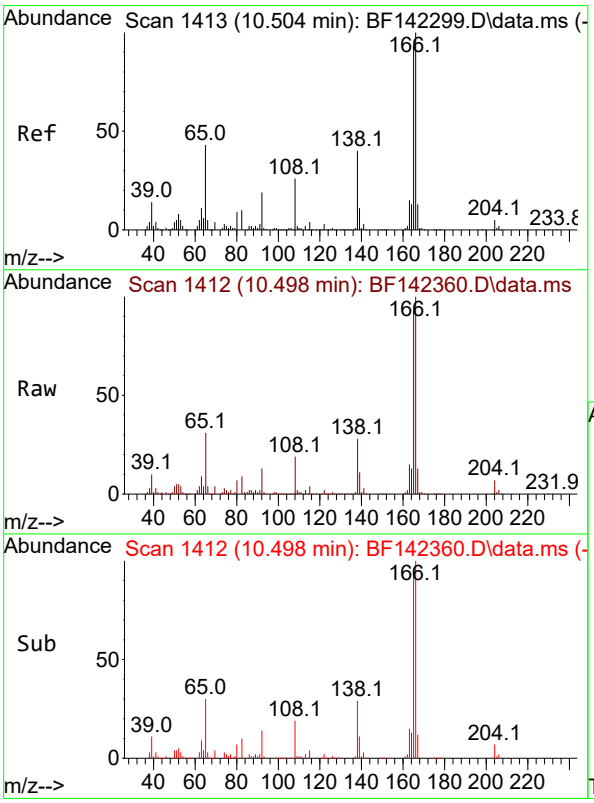
#61
4-Chlorophenyl-phenylether
Concen: 37.643 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 442404

Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.5	38.3
141	58.7	46.4	69.6

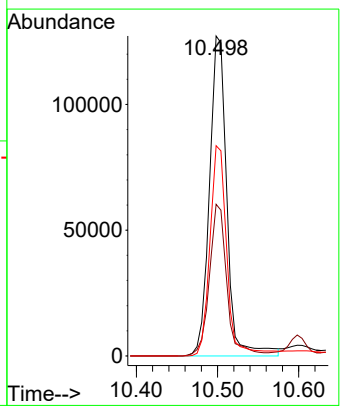


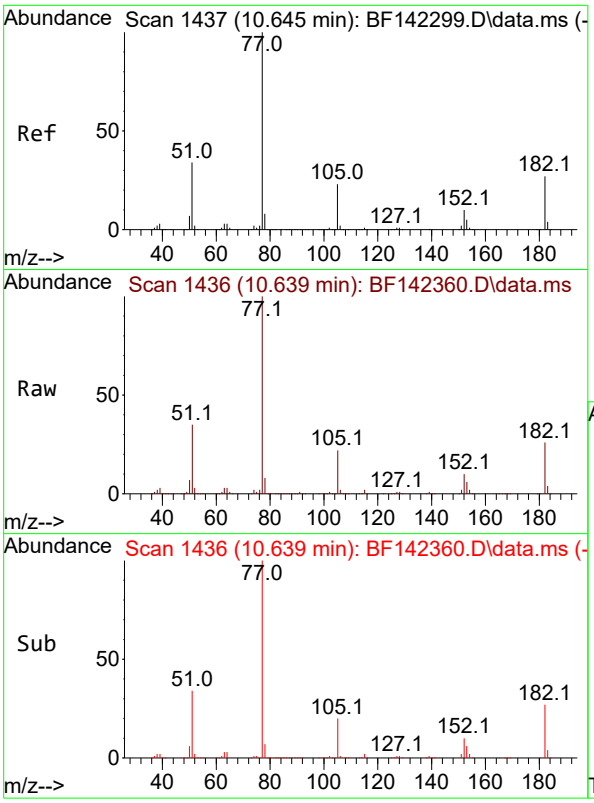


#62
4-Nitroaniline
Concen: 44.969 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:138 Resp: 189460

Ion	Ratio	Lower	Upper
138	100		
92	47.4	27.3	67.3
108	65.7	45.1	85.1



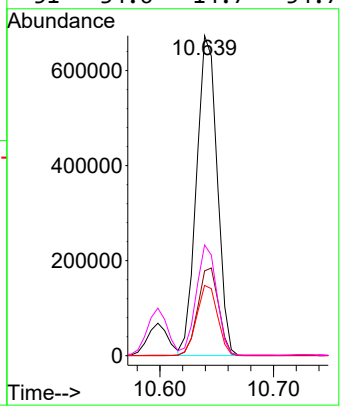


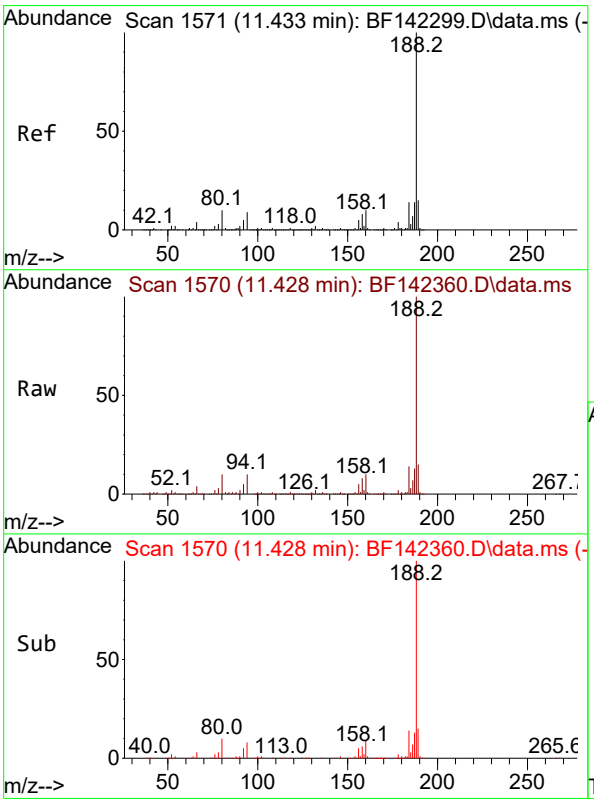
#63
Azobenzene
Concen: 36.836 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 851211

Ion	Ratio	Lower	Upper
77	100		
182	26.5	6.9	46.9
105	21.9	2.7	42.7
51	34.6	14.7	54.7

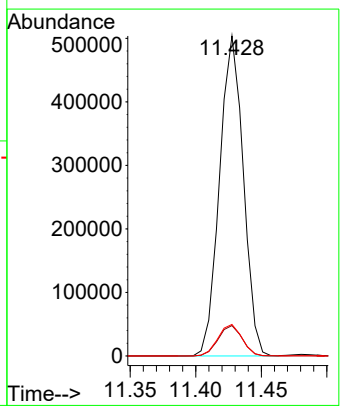


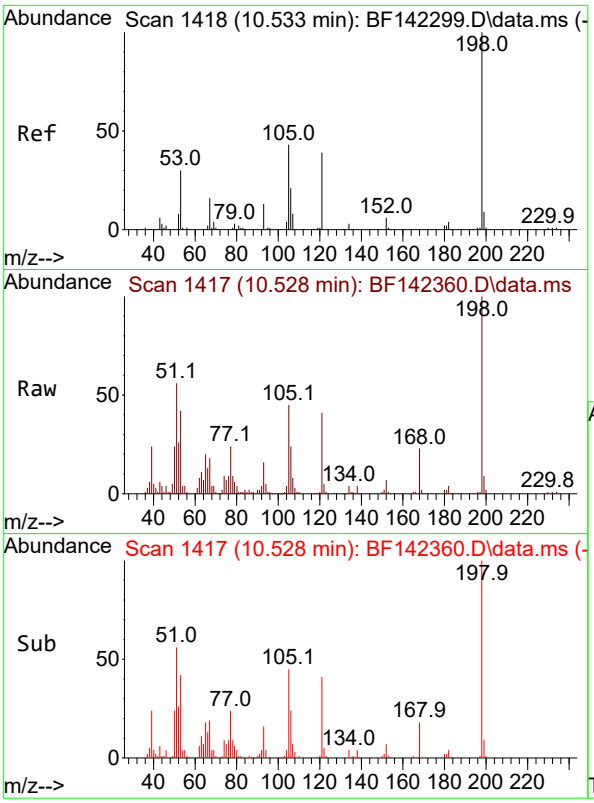


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:188 Resp: 635630

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	9.8	7.9	11.9



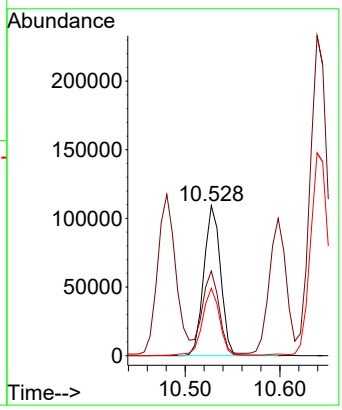


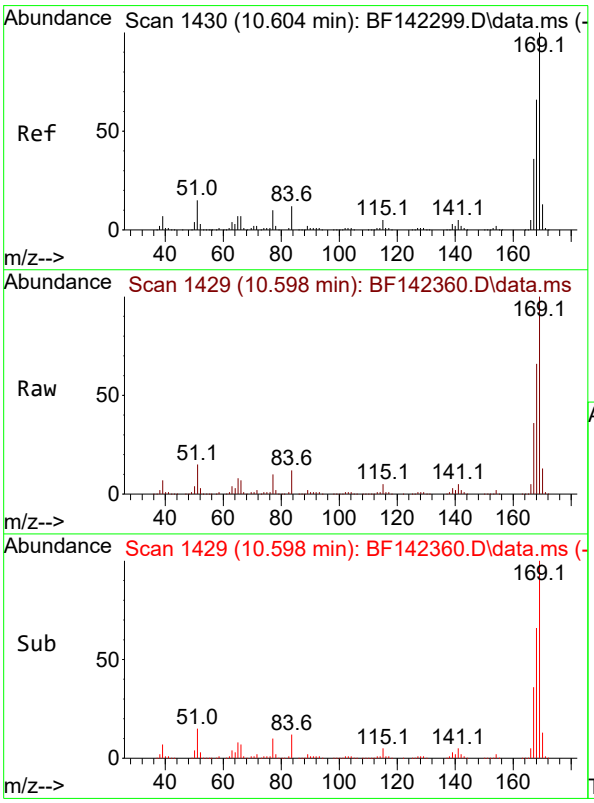
#65
4,6-Dinitro-2-methylphenol
Concen: 45.648 ng
RT: 10.528 min Scan# 14
Delta R.T. -0.005 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 134028

Ion	Ratio	Lower	Upper
198	100		
51	56.4	32.9	72.9
105	44.9	23.7	63.7

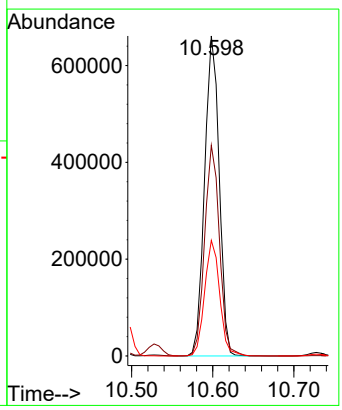


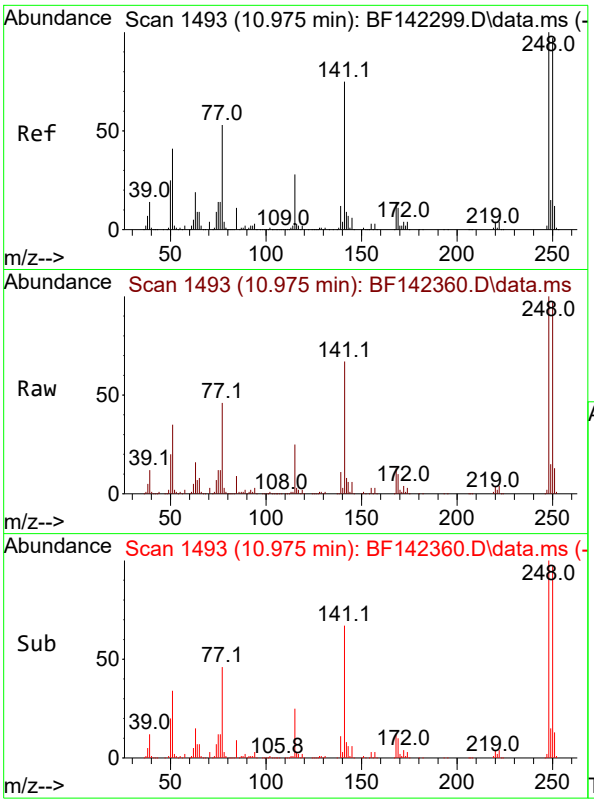


#66
n-Nitrosodiphenylamine
Concen: 38.913 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:169 Resp: 823071

Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.2	79.8
167	36.1	28.9	43.3



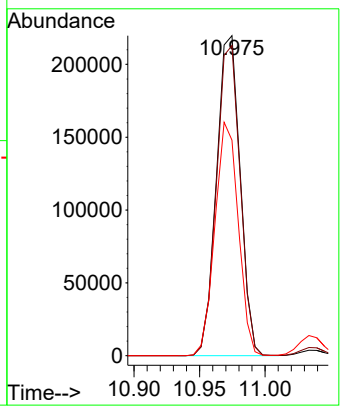


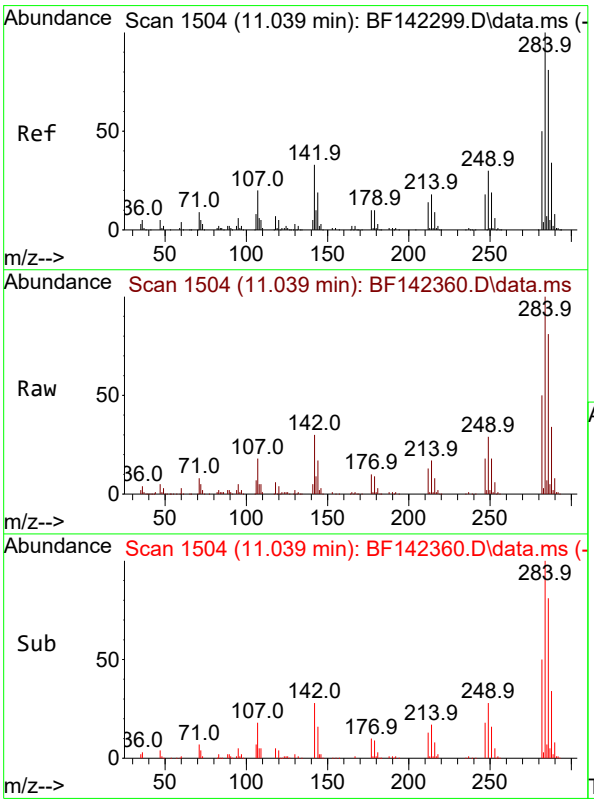
#67
4-Bromophenyl-phenylether
Concen: 38.384 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 276513

Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.9	116.9
141	67.4	59.8	89.8

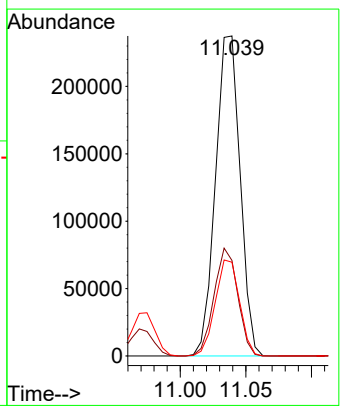


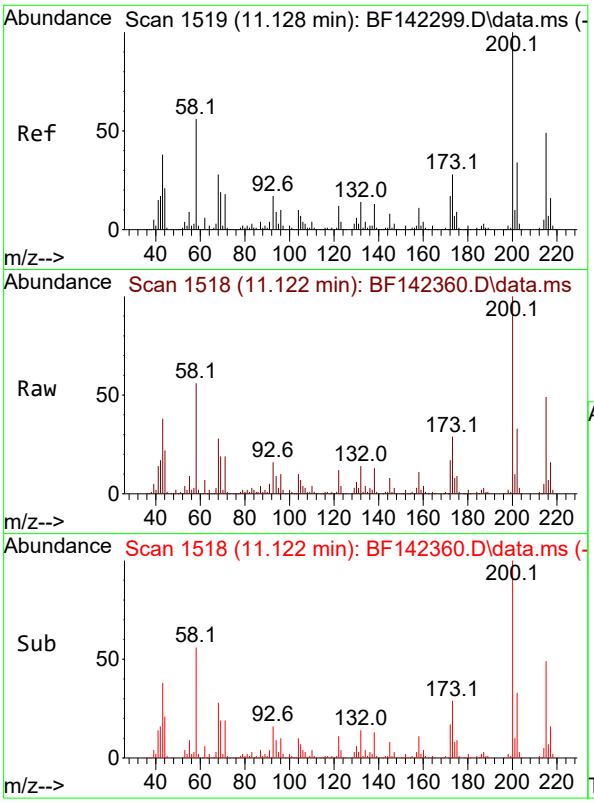


#68
Hexachlorobenzene
Concen: 39.066 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:284 Resp: 309563

Ion	Ratio	Lower	Upper
284	100		
142	29.9	26.6	39.8
249	29.3	24.1	36.1



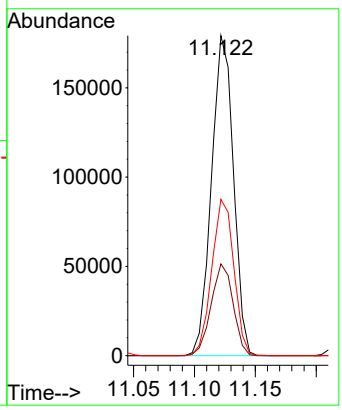


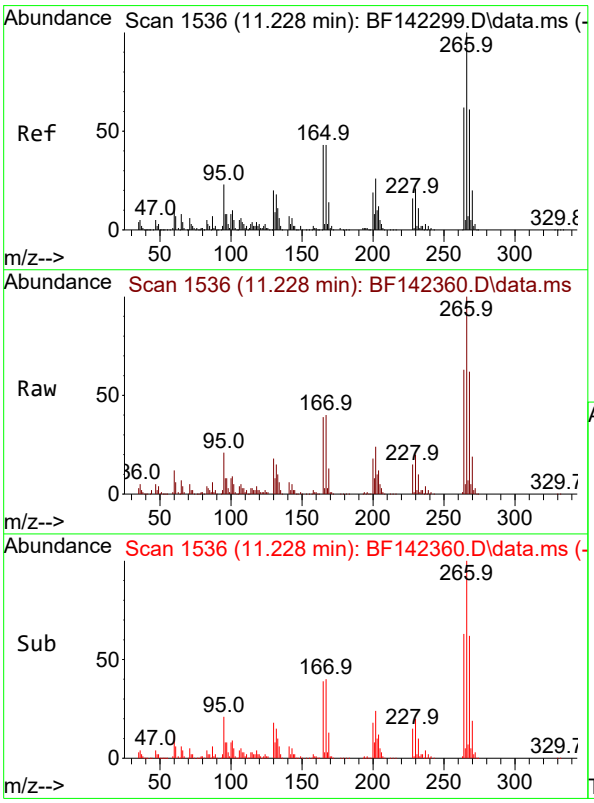
#69
Atrazine
Concen: 40.358 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 225019

Ion	Ratio	Lower	Upper
200	100		
173	28.7	8.1	48.1
215	48.9	28.8	68.8

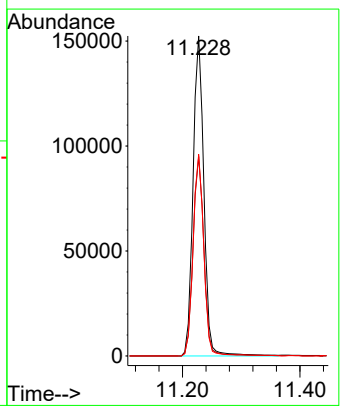


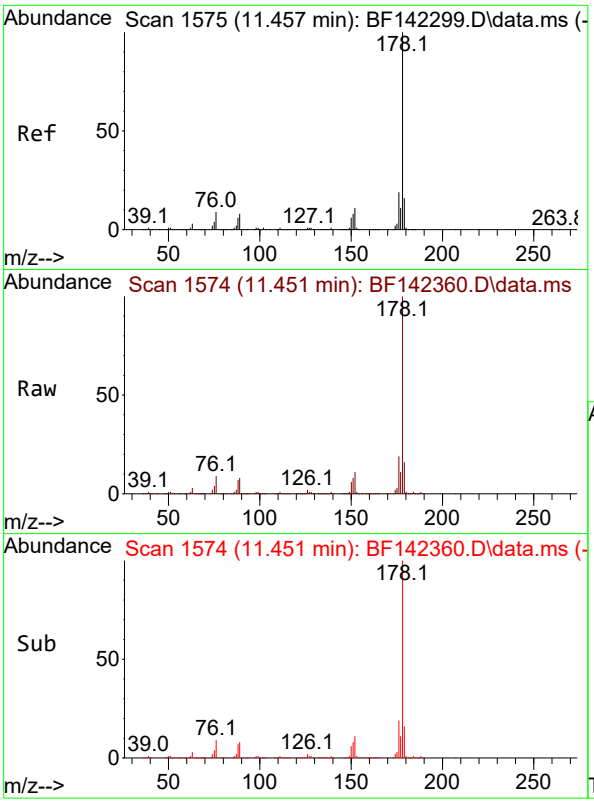


#70
Pentachlorophenol
Concen: 46.767 ng
RT: 11.228 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:266 Resp: 194954

Ion	Ratio	Lower	Upper
266	100		
268	62.3	48.7	73.1
264	63.0	49.8	74.6



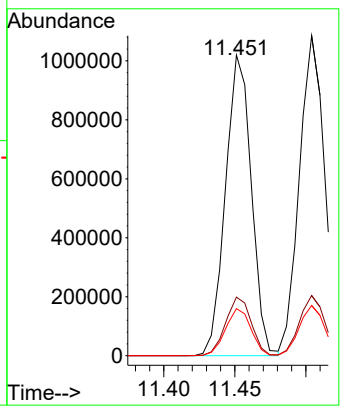


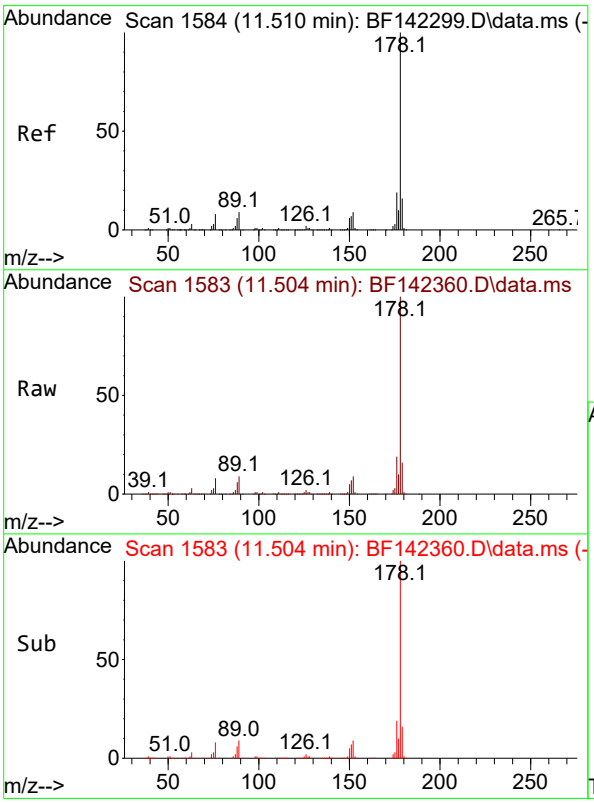
#71
Phenanthrene
Concen: 38.872 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1295146

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.6	12.6	18.8

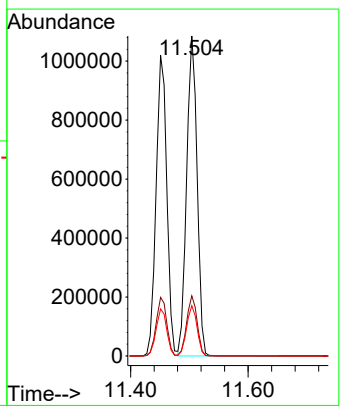


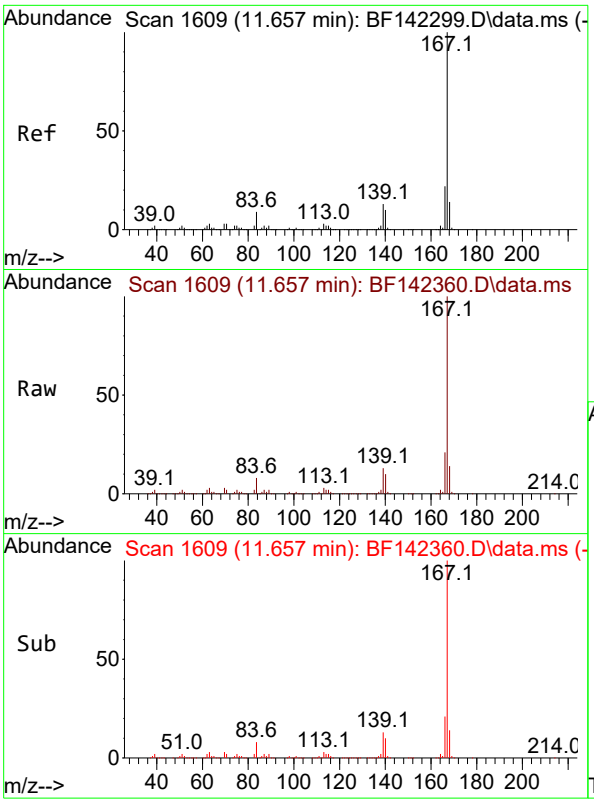


#72
Anthracene
Concen: 39.165 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:178 Resp: 1340792

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.7	12.6	18.8



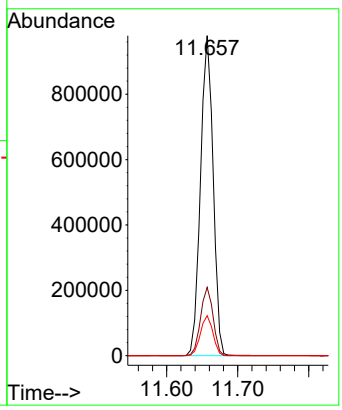


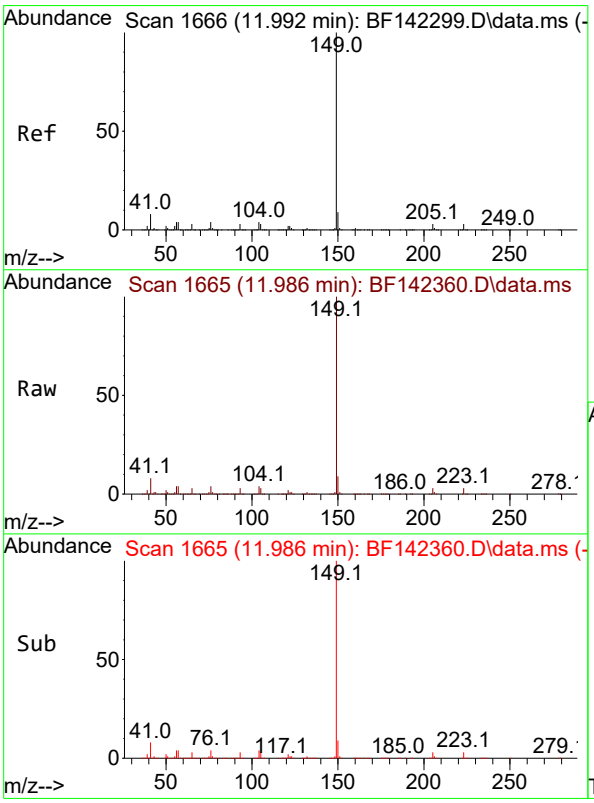
#73
Carbazole
Concen: 39.491 ng
RT: 11.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 1212927

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.5	10.3	15.5

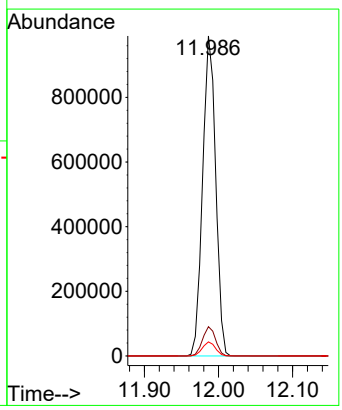


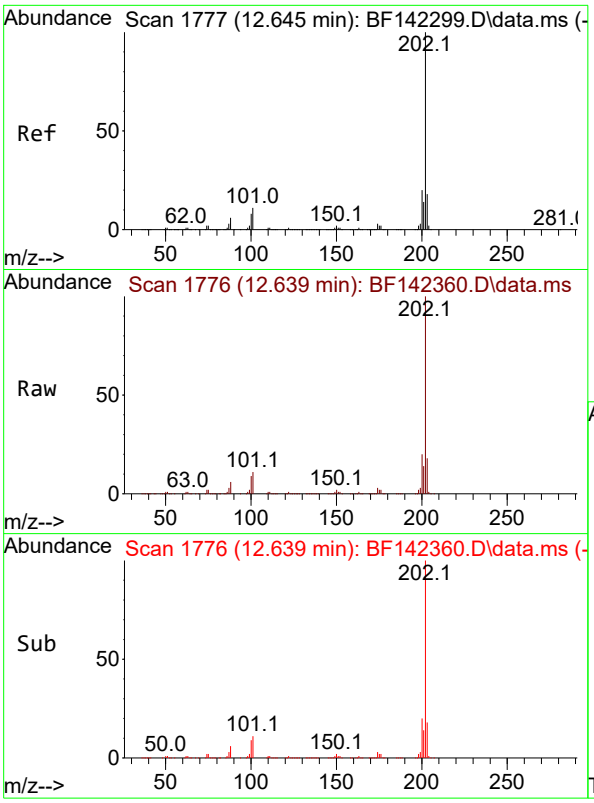


#74
Di-n-butylphthalate
Concen: 37.506 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:149 Resp: 1211310

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.4	3.6	5.4



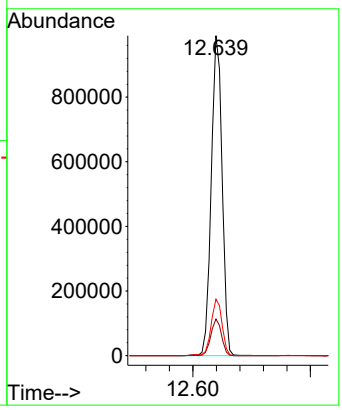


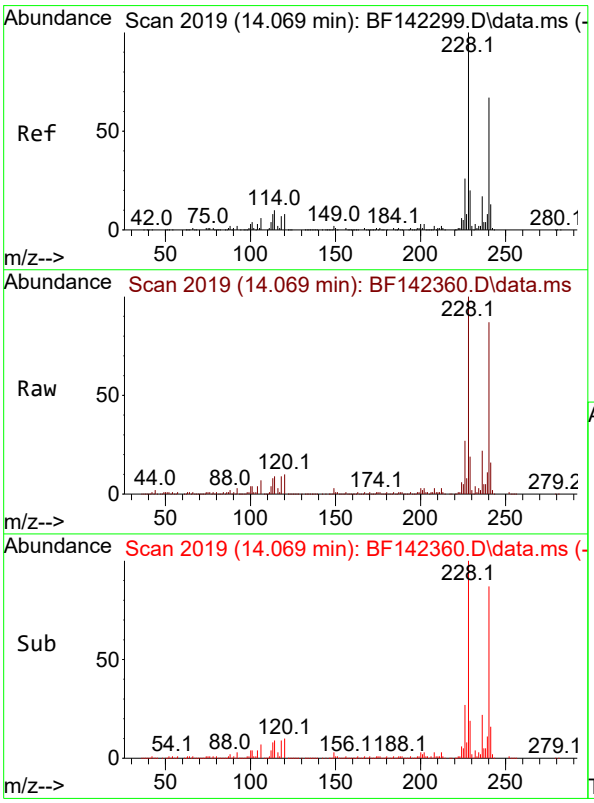
#75
Fluoranthene
Concen: 38.060 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1267603

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.7	0.0	37.9

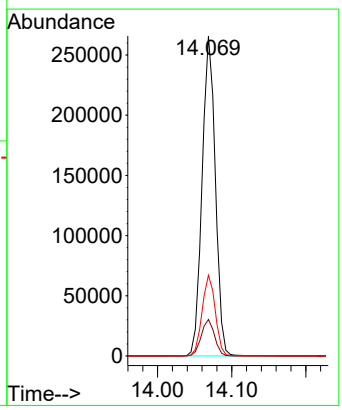


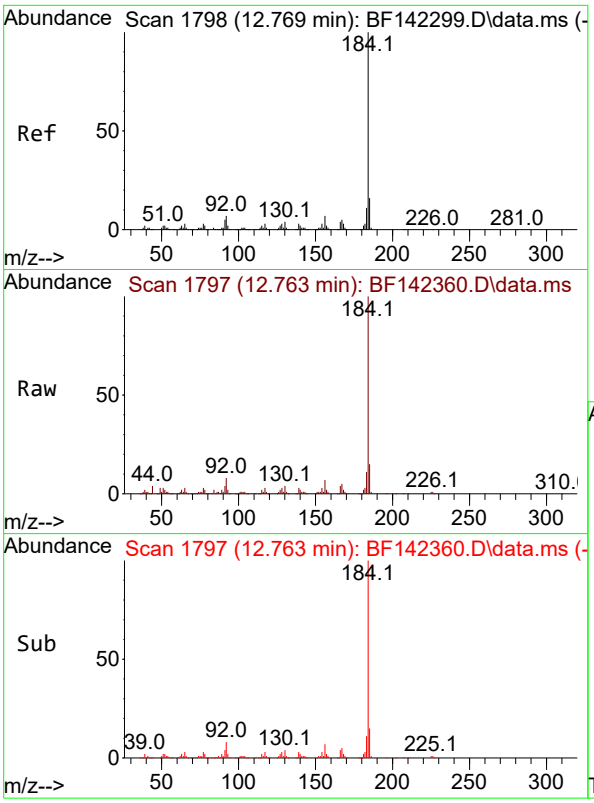


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:240 Resp: 329863

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.7	14.5
236	25.3	20.0	30.0



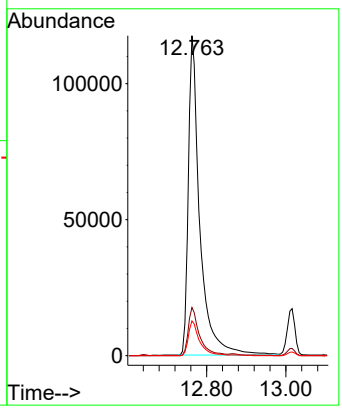


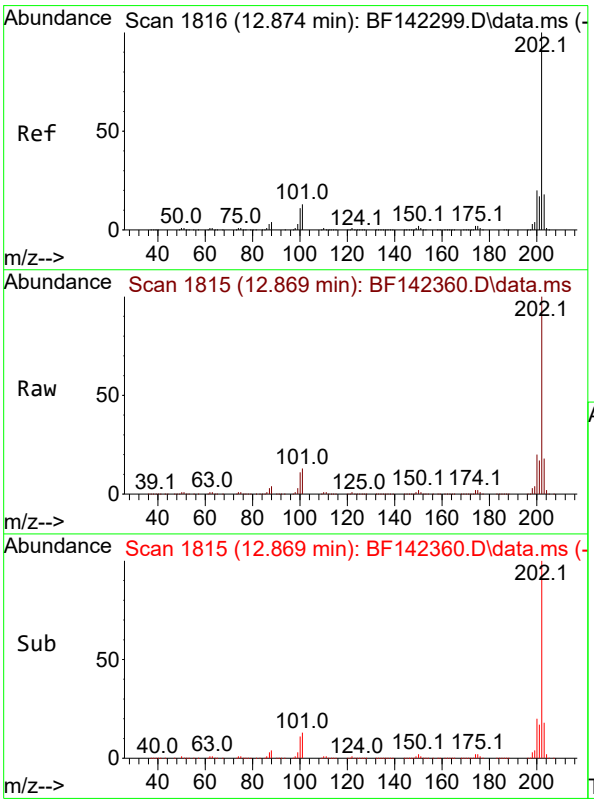
#77
Benzidine
Concen: 39.461 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 236548

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	18.8
183	10.9	8.6	12.8

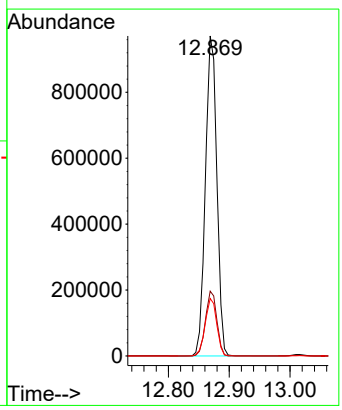


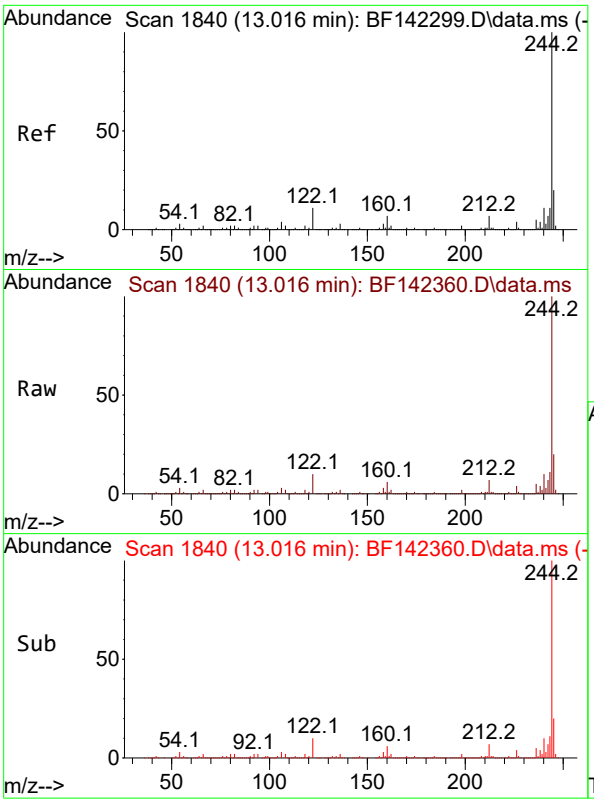


#78
Pyrene
Concen: 43.147 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:202 Resp: 1266840

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.4
203	18.0	14.3	21.5



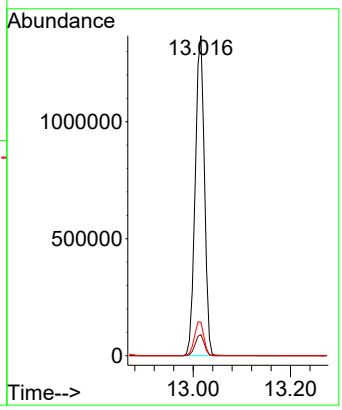


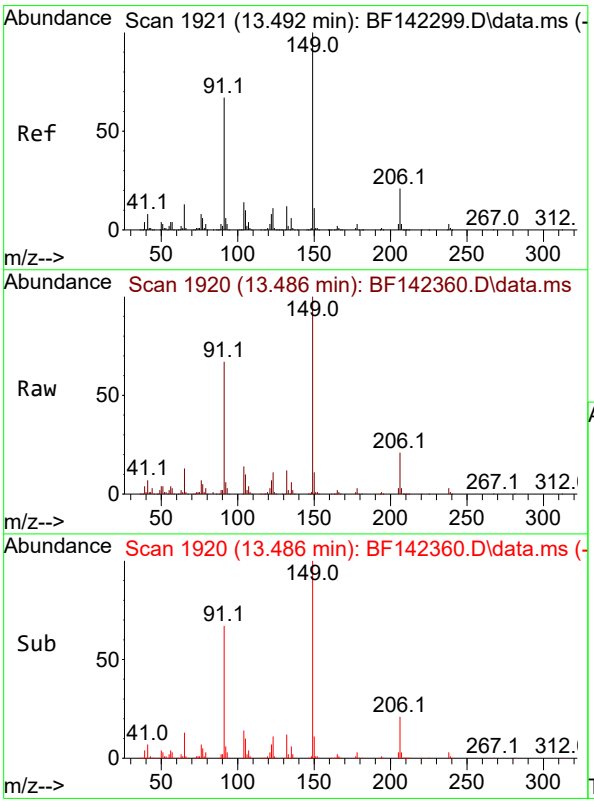
#79
Terphenyl-d14
Concen: 80.841 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1801652

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.4	9.0	13.4

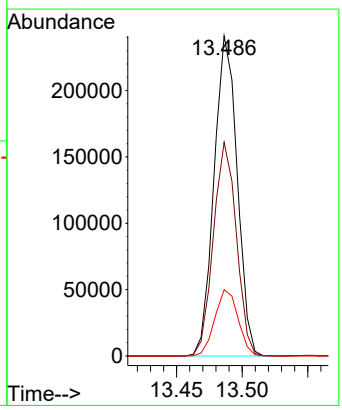


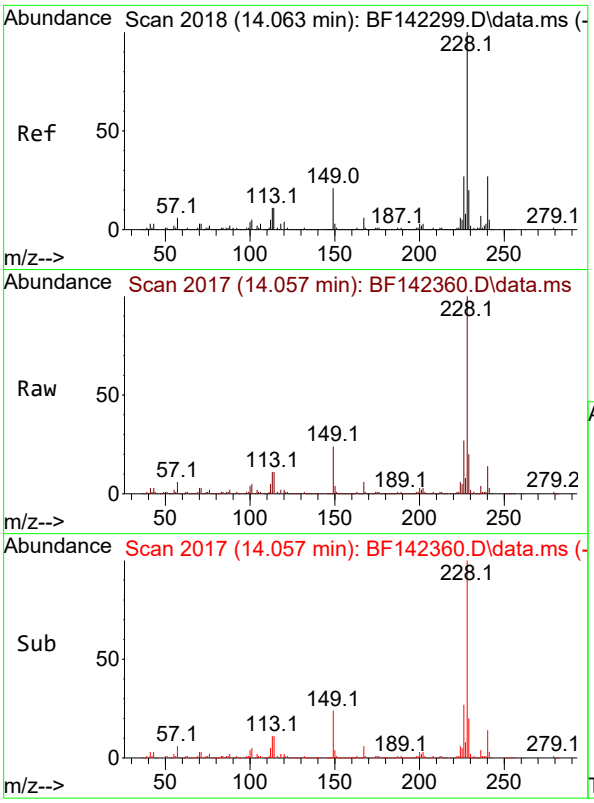


#80
Butylbenzylphthalate
Concen: 35.521 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:149 Resp: 295541

Ion	Ratio	Lower	Upper
149	100		
91	66.8	53.8	80.6
206	20.7	16.6	24.8



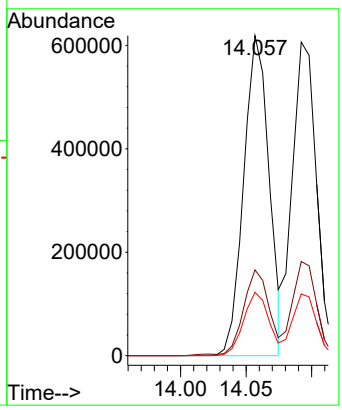


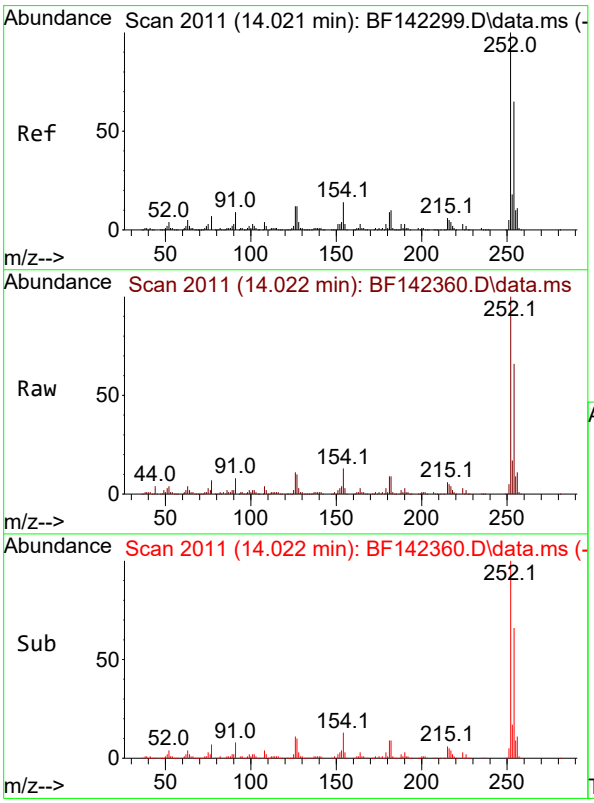
#81
Benzo(a)anthracene
Concen: 38.933 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 831694

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.5	32.3
229	19.8	15.9	23.9

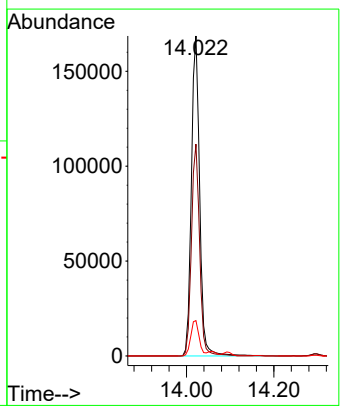


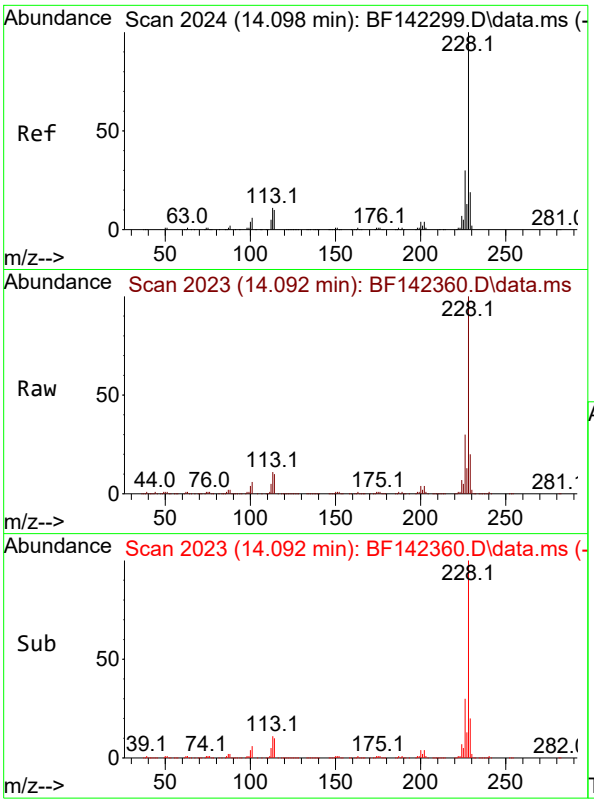


#82
3,3'-Dichlorobenzidine
Concen: 44.798 ng
RT: 14.022 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:252 Resp: 222547

Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.0	78.0
126	11.0	9.7	14.5



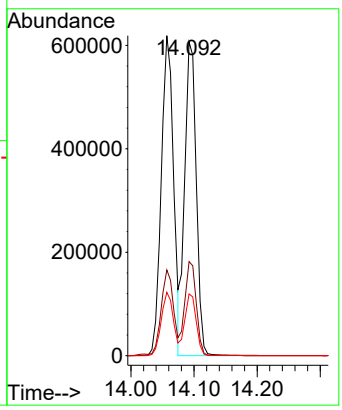


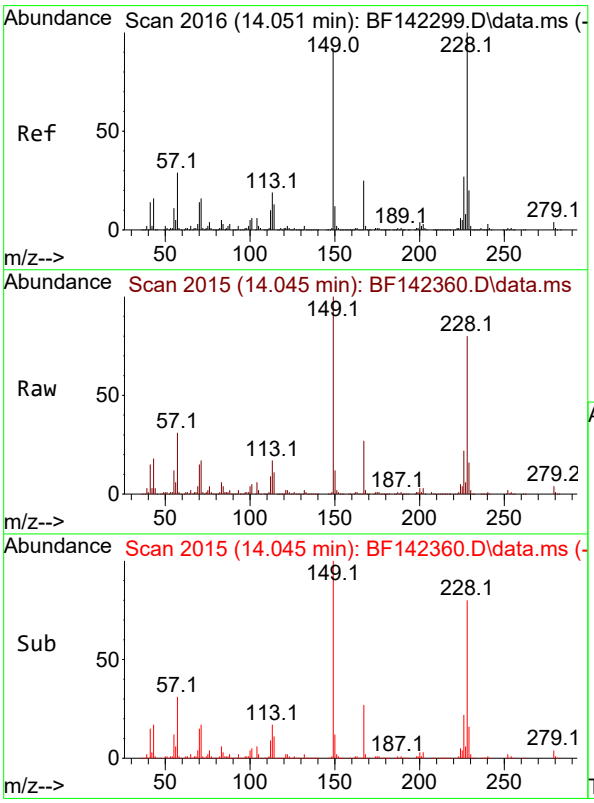
#83
Chrysene
Concen: 39.029 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 776161

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	19.7	15.4	23.2

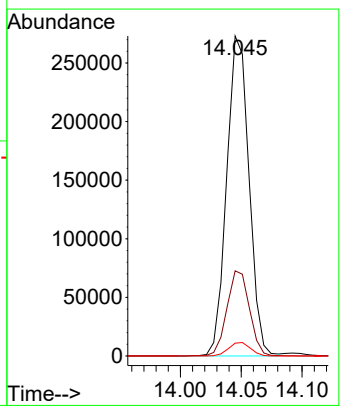


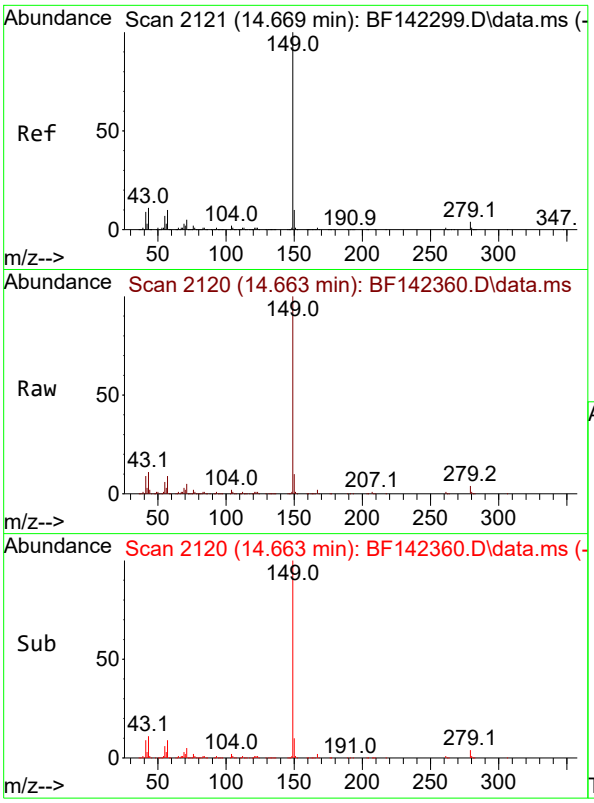


#84
Bis(2-ethylhexyl)phthalate
Concen: 32.669 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:149 Resp: 347970

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.0	33.0
279	4.0	3.0	4.6



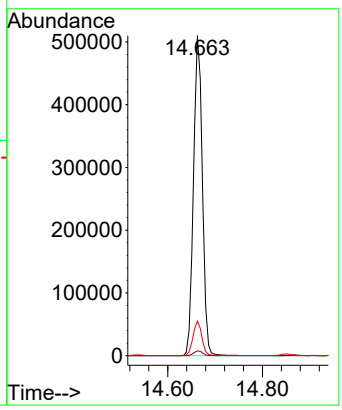


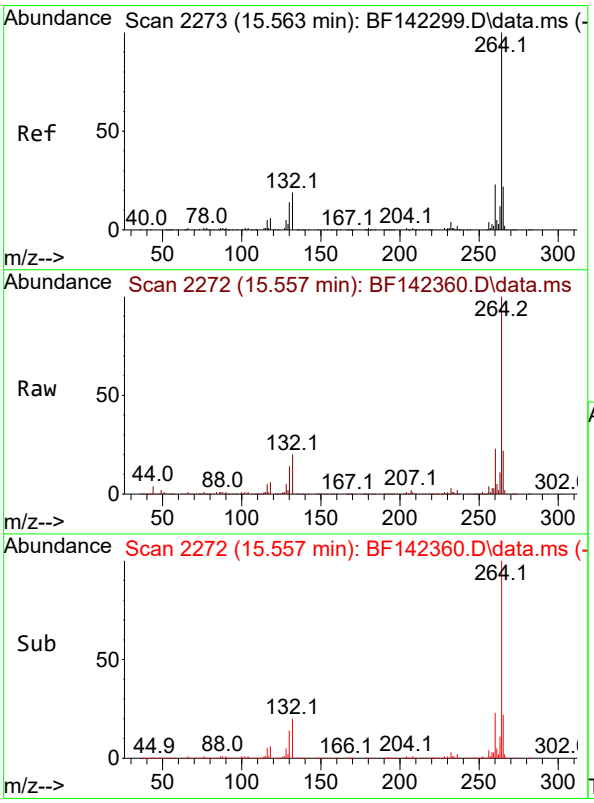
#85
Di-n-octyl phthalate
Concen: 35.330 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 661024

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.7	9.2	13.8

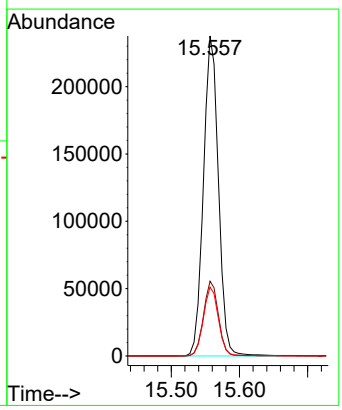


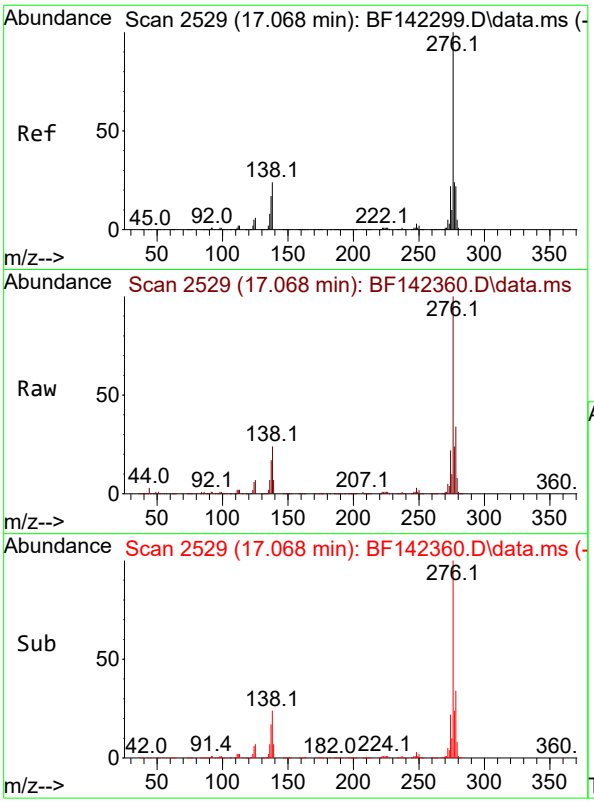


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:264 Resp: 363476

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.6	17.5	26.3



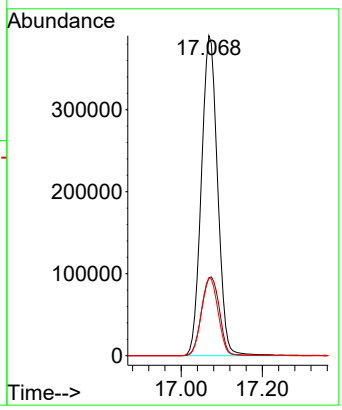


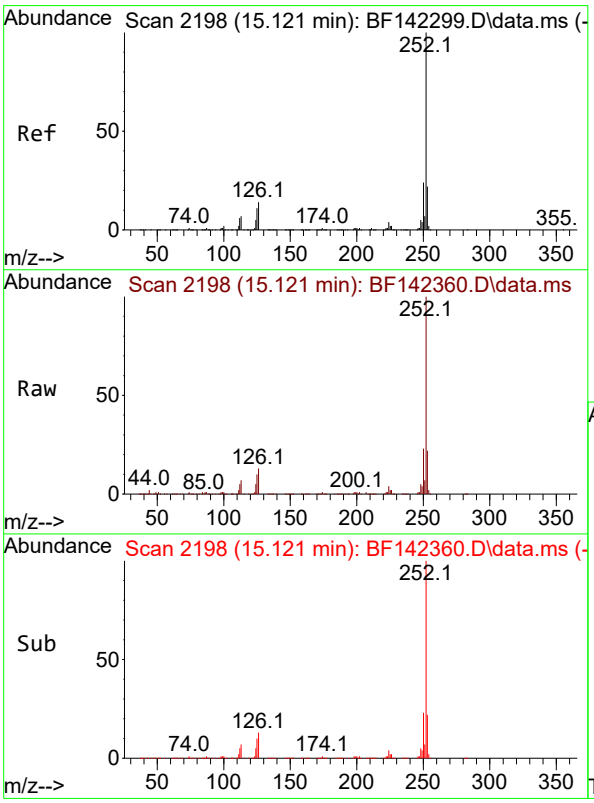
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.686 ng
RT: 17.068 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 1079309

Ion	Ratio	Lower	Upper
276	100		
138	27.2	22.0	33.0
277	25.2	20.1	30.1

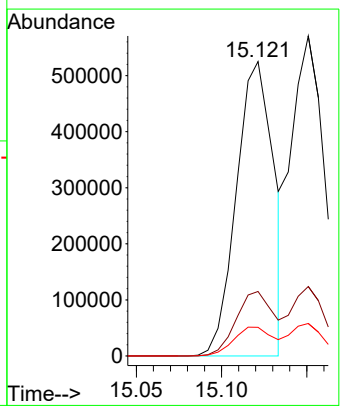


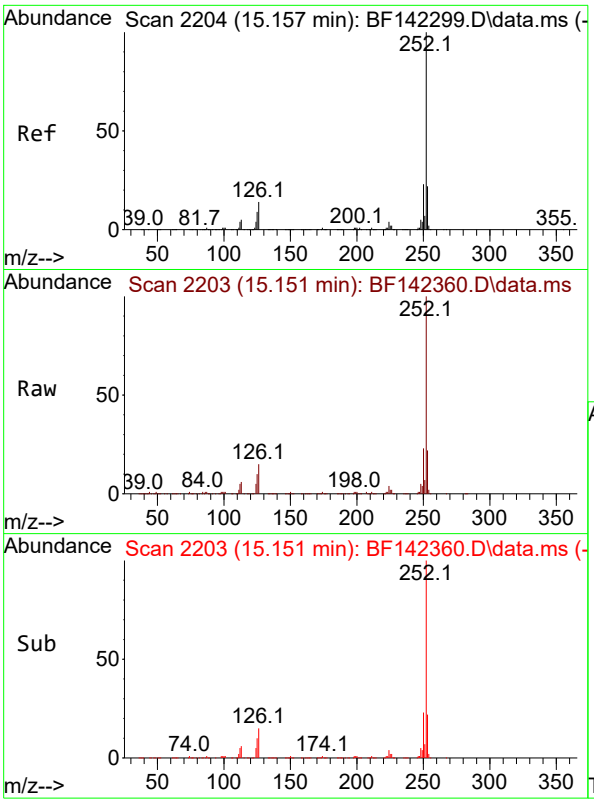


#88
Benzo(b)fluoranthene
Concen: 36.192 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:252 Resp: 796746

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.7	8.7	13.1



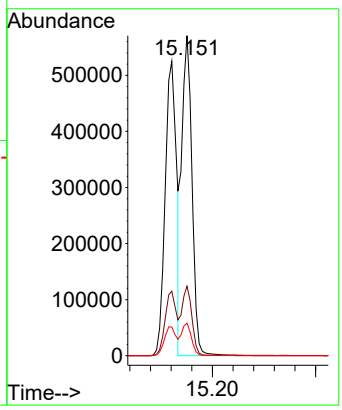


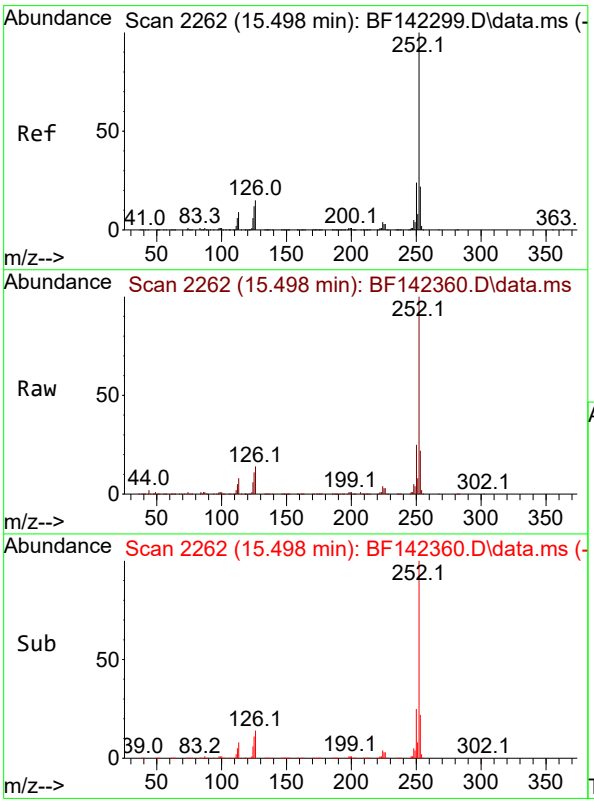
#89
Benzo(k)fluoranthene
Concen: 38.972 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 785124

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	10.1	8.1	12.1

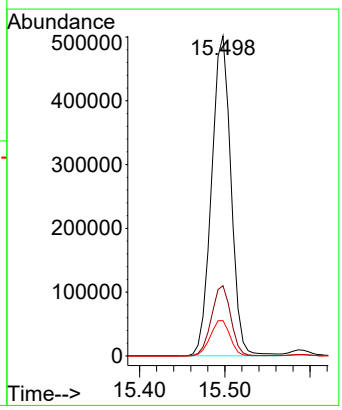


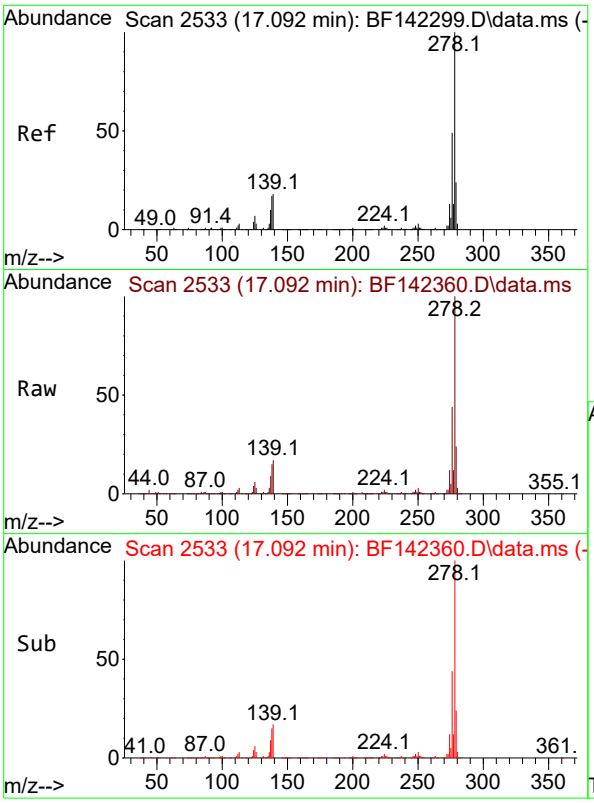


#90
Benzo(a)pyrene
Concen: 40.215 ng
RT: 15.498 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:252 Resp: 793320

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.0	9.4	14.0



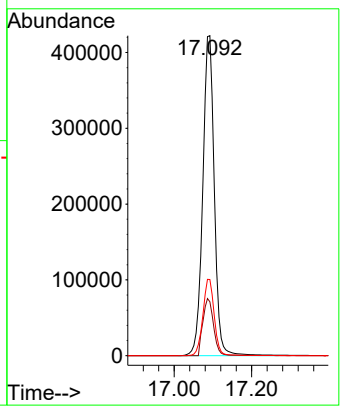


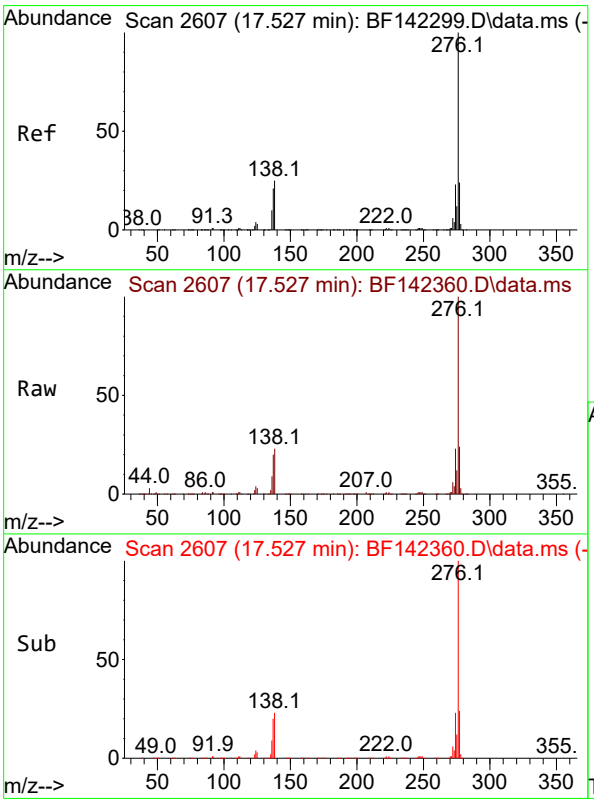
#91
Dibenzo(a,h)anthracene
Concen: 41.887 ng
RT: 17.092 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 874981

Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.5	21.7
279	23.8	18.9	28.3

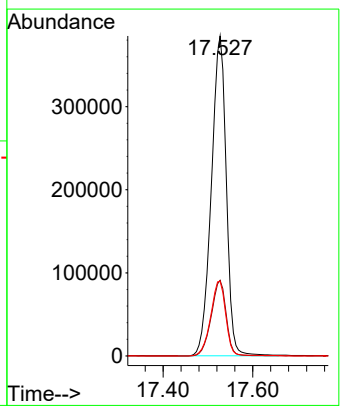




#92
Benzo(g,h,i)perylene
Concen: 42.938 ng
RT: 17.527 min Scan# 2607
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:276 Resp: 890198

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	23.4	19.8	29.6



Sample Results: **BF142360.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142360.D
Acq On : 14 May 2025 12:19
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 14 12:48:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
2		1,4-Dioxane	0.528	0.529	-0.2	91	-0.02
3		Pyridine	1.239	1.348	-8.8	99	-0.02
4		n-Nitrosodimethylamine	0.720	0.713	1.0	89	-0.02
5	S	2-Fluorophenol	1.172	1.192	-1.7	92	0.00
6		Aniline	1.413	1.937	-37.1#	114	0.00
7	S	Phenol-d6	1.441	1.456	-1.0	92	0.00
8		2-Chlorophenol	1.252	1.302	-4.0	92	0.00
9		Benzaldehyde	0.843	0.731	13.3	86	0.00
10	C	Phenol	1.527	1.662	-8.8	98	0.00
11		bis(2-Chloroethyl)ether	1.506	1.243	17.5	79	0.00
12		1,3-Dichlorobenzene	1.432	1.408	1.7	90	0.00
13	C	1,4-Dichlorobenzene	1.438	1.412	1.8	90	0.00
14		1,2-Dichlorobenzene	1.380	1.359	1.5	89	0.00
15		Benzyl Alcohol	0.933	1.016	-8.9	95	0.00
16		2,2'-oxybis(1-Chloropropane	2.249	2.070	8.0	84	0.00
17		2-Methylphenol	1.014	1.011	0.3	90	0.00
18		Hexachloroethane	0.478	0.481	-0.6	90	0.00
19	P	n-Nitroso-di-n-propylamine	0.891	0.846	5.1	85	0.00
20		3+4-Methylphenols	1.265	1.279	-1.1	91	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	85	0.00
22		Acetophenone	0.445	0.431	3.1	88	0.00
23	S	Nitrobenzene-d5	0.328	0.358	-9.1	93	0.00
24		Nitrobenzene	0.309	0.334	-8.1	92	0.00
25		Isophorone	0.621	0.593	4.5	86	0.00
26	C	2-Nitrophenol	0.129	0.169	-31.0#	109	0.00
27		2,4-Dimethylphenol	0.312	0.313	-0.3	89	0.00
28		bis(2-Chloroethoxy)methane	0.399	0.370	7.3	84	0.00
29	C	2,4-Dichlorophenol	0.265	0.275	-3.8	89	0.00
30		1,2,4-Trichlorobenzene	0.299	0.293	2.0	89	0.00
31		Naphthalene	0.969	0.947	2.3	89	0.00
32		Benzoic acid	0.150	0.179	-19.3	109	0.00
33		4-Chloroaniline	0.396	0.403	-1.8	89	-0.02
34	C	Hexachlorobutadiene	0.177	0.173	2.3	87	0.00
35		Caprolactam	0.077	0.087	-13.0	94	0.00
36	C	4-Chloro-3-methylphenol	0.276	0.283	-2.5	90	0.00
37		2-Methylnaphthalene	0.602	0.579	3.8	86	0.00
38		1-Methylnaphthalene	0.628	0.601	4.3	86	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	83	0.00
40		1,2,4,5-Tetrachlorobenzene	0.559	0.544	2.7	88	0.00
41	P	Hexachlorocyclopentadiene	0.345	0.379	-9.9	92	0.00
42	S	2,4,6-Tribromophenol	0.193	0.212	-9.8	92	0.00
43	C	2,4,6-Trichlorophenol	0.352	0.383	-8.8	91	0.00
44		2,4,5-Trichlorophenol	0.375	0.389	-3.7	89	0.00
45	S	2-Fluorobiphenyl	1.403	1.321	5.8	86	0.00
46		1,1'-Biphenyl	1.533	1.472	4.0	87	0.00
47		2-Chloronaphthalene	1.140	1.099	3.6	86	0.00

Sample Results: **BF142360.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142360.D
Acq On : 14 May 2025 12:19
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 14 12:48:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.292	0.342	-17.1	95	0.00
49		Acenaphthylene	1.908	1.859	2.6	87	0.00
50		Dimethylphthalate	1.284	1.233	4.0	85	0.00
51		2,6-Dinitrotoluene	0.240	0.275	-14.6	93	0.00
52	C	Acenaphthene	1.147	1.128	1.7	88	0.00
53		3-Nitroaniline	0.282	0.327	-16.0	95	0.00
54	P	2,4-Dinitrophenol	0.102	0.141	-38.2#	121	0.00
55		Dibenzofuran	1.693	1.628	3.8	87	0.00
56	P	4-Nitrophenol	0.212	0.257	-21.2	100	0.00
57		2,4-Dinitrotoluene	0.308	0.369	-19.8	96	0.00
58		Fluorene	1.292	1.225	5.2	85	0.00
59		2,3,4,6-Tetrachlorophenol	0.309	0.334	-8.1	91	0.00
60		Diethylphthalate	1.283	1.187	7.5	82	0.00
61		4-Chlorophenyl-phenylether	0.623	0.587	5.8	84	0.00
62		4-Nitroaniline	0.223	0.251	-12.6	93	0.00
63		Azobenzene	1.226	1.129	7.9	83	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	84	0.00
65		4,6-Dinitro-2-methylphenol	0.082	0.105	-28.0#	109	0.00
66	c	n-Nitrosodiphenylamine	0.666	0.647	2.9	86	0.00
67		4-Bromophenyl-phenylether	0.227	0.218	4.0	84	0.00
68		Hexachlorobenzene	0.249	0.244	2.0	86	0.00
69		Atrazine	0.175	0.177	-1.1	85	0.00
70	C	Pentachlorophenol	0.131	0.153	-16.8	92	0.00
71		Phenanthrene	1.048	1.019	2.8	86	0.00
72		Anthracene	1.077	1.055	2.0	87	0.00
73		Carbazole	0.966	0.954	1.2	86	0.00
74		Di-n-butylphthalate	1.016	0.953	6.2	79	0.00
75	C	Fluoranthene	1.048	0.997	4.9	85	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	74	0.00
77		Benzidine	0.363	0.359	1.1	74	0.00
78		Pyrene	1.780	1.920	-7.9	83	0.00
79	S	Terphenyl-d14	1.351	1.365	-1.0	80	0.00
80		Butylbenzylphthalate	0.449	0.448	0.2	70	0.00
81		Benzo(a)anthracene	1.295	1.261	2.6	75	0.00
82		3,3'-Dichlorobenzidine	0.301	0.337	-12.0	84	0.00
83		Chrysene	1.206	1.176	2.5	78	0.00
84		Bis(2-ethylhexyl)phthalate	0.573	0.527	8.0	65	0.00
85	c	Di-n-octyl phthalate	1.057	1.002	5.2	72	0.00
86	I	Perylene-d12	1.000	1.000	0.0	85	0.00
87		Indeno(1,2,3-cd)pyrene	1.391	1.485	-6.8	91	0.00
88		Benzo(b)fluoranthene	1.211	1.096	9.5	80	0.00
89		Benzo(k)fluoranthene	1.109	1.080	2.6	88	0.00
90	C	Benzo(a)pyrene	1.085	1.091	-0.6	87	0.00
91		Dibenzo(a,h)anthracene	1.149	1.204	-4.8	90	0.00
92		Benzo(g,h,i)perylene	1.141	1.225	-7.4	93	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142360.D
Acq On : 14 May 2025 12:19
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 14 12:48:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Sample Results: **BF142360.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142360.D
Acq On : 14 May 2025 12:19
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 14 12:48:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	86	0.00
2		1,4-Dioxane	40.000	40.104	-0.3	91	-0.02
3		Pyridine	40.000	43.530	-8.8	99	-0.02
4		n-Nitrosodimethylamine	40.000	39.609	1.0	89	-0.02
5	S	2-Fluorophenol	80.000	81.404	-1.8	92	0.00
6		Aniline	40.000	54.814	-37.0#	114	0.00
7	S	Phenol-d6	80.000	80.848	-1.1	92	0.00
8		2-Chlorophenol	40.000	41.603	-4.0	92	0.00
9		Benzaldehyde	40.000	34.655	13.4	86	0.00
10	C	Phenol	40.000	43.529	-8.8	98	0.00
11		bis(2-Chloroethyl)ether	40.000	33.010	17.5	79	0.00
12		1,3-Dichlorobenzene	40.000	39.321	1.7	90	0.00
13	C	1,4-Dichlorobenzene	40.000	39.282	1.8	90	0.00
14		1,2-Dichlorobenzene	40.000	39.374	1.6	89	0.00
15		Benzyl Alcohol	40.000	43.553	-8.9	95	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.810	8.0	84	0.00
17		2-Methylphenol	40.000	39.915	0.2	90	0.00
18		Hexachloroethane	40.000	40.200	-0.5	90	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.947	5.1	85	0.00
20		3+4-Methylphenols	40.000	40.437	-1.1	91	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	85	0.00
22		Acetophenone	40.000	38.738	3.2	88	0.00
23	S	Nitrobenzene-d5	80.000	87.243	-9.1	93	0.00
24		Nitrobenzene	40.000	43.176	-7.9	92	0.00
25		Isophorone	40.000	38.180	4.6	86	0.00
26	C	2-Nitrophenol	40.000	45.713	-14.3	109	0.00
27		2,4-Dimethylphenol	40.000	40.153	-0.4	89	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.109	7.2	84	0.00
29	C	2,4-Dichlorophenol	40.000	41.422	-3.6	89	0.00
30		1,2,4-Trichlorobenzene	40.000	39.282	1.8	89	0.00
31		Naphthalene	40.000	39.092	2.3	89	0.00
32		Benzoic acid	40.000	43.926	-9.8	109	0.00
33		4-Chloroaniline	40.000	40.757	-1.9	89	-0.02
34	C	Hexachlorobutadiene	40.000	39.063	2.3	87	0.00
35		Caprolactam	40.000	44.986	-12.5	94	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.986	-2.5	90	0.00
37		2-Methylnaphthalene	40.000	38.452	3.9	86	0.00
38		1-Methylnaphthalene	40.000	38.293	4.3	86	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	83	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.969	2.6	88	0.00
41	P	Hexachlorocyclopentadiene	40.000	43.908	-9.8	92	0.00
42	S	2,4,6-Tribromophenol	80.000	87.794	-9.7	92	0.00
43	C	2,4,6-Trichlorophenol	40.000	43.508	-8.8	91	0.00
44		2,4,5-Trichlorophenol	40.000	41.477	-3.7	89	0.00
45	S	2-Fluorobiphenyl	80.000	75.319	5.9	86	0.00
46		1,1'-Biphenyl	40.000	38.397	4.0	87	0.00
47		2-Chloronaphthalene	40.000	38.565	3.6	86	0.00

Sample Results: **BF142360.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142360.D
Acq On : 14 May 2025 12:19
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 14 12:48:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	46.815	-17.0	95	0.00
49		Acenaphthylene	40.000	38.978	2.6	87	0.00
50		Dimethylphthalate	40.000	38.414	4.0	85	0.00
51		2,6-Dinitrotoluene	40.000	45.704	-14.3	93	0.00
52	C	Acenaphthene	40.000	39.339	1.7	88	0.00
53		3-Nitroaniline	40.000	46.368	-15.9	95	0.00
54	P	2,4-Dinitrophenol	40.000	48.209	-20.5	121	0.00
55		Dibenzofuran	40.000	38.461	3.8	87	0.00
56	P	4-Nitrophenol	40.000	48.388	-21.0	100	0.00
57		2,4-Dinitrotoluene	40.000	47.829	-19.6	96	0.00
58		Fluorene	40.000	37.913	5.2	85	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	43.165	-7.9	91	0.00
60		Diethylphthalate	40.000	37.017	7.5	82	0.00
61		4-Chlorophenyl-phenylether	40.000	37.643	5.9	84	0.00
62		4-Nitroaniline	40.000	44.969	-12.4	93	0.00
63		Azobenzene	40.000	36.836	7.9	83	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	84	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.648	-14.1	109	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.913	2.7	86	0.00
67		4-Bromophenyl-phenylether	40.000	38.384	4.0	84	0.00
68		Hexachlorobenzene	40.000	39.066	2.3	86	0.00
69		Atrazine	40.000	40.358	-0.9	85	0.00
70	C	Pentachlorophenol	40.000	46.767	-16.9	92	0.00
71		Phenanthrene	40.000	38.872	2.8	86	0.00
72		Anthracene	40.000	39.165	2.1	87	0.00
73		Carbazole	40.000	39.491	1.3	86	0.00
74		Di-n-butylphthalate	40.000	37.506	6.2	79	0.00
75	C	Fluoranthene	40.000	38.060	4.8	85	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	74	0.00
77		Benzidine	40.000	39.461	1.3	74	0.00
78		Pyrene	40.000	43.147	-7.9	83	0.00
79	S	Terphenyl-d14	80.000	80.841	-1.1	80	0.00
80		Butylbenzylphthalate	40.000	35.521	11.2	70	0.00
81		Benzo(a)anthracene	40.000	38.933	2.7	75	0.00
82		3,3'-Dichlorobenzidine	40.000	44.798	-12.0	84	0.00
83		Chrysene	40.000	39.029	2.4	78	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	32.669	18.3	65	0.00
85	c	Di-n-octyl phthalate	40.000	35.330	11.7	72	0.00
86	I	Perylene-d12	20.000	20.000	0.0	85	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.686	-6.7	91	0.00
88		Benzo(b)fluoranthene	40.000	36.192	9.5	80	0.00
89		Benzo(k)fluoranthene	40.000	38.972	2.6	88	0.00
90	C	Benzo(a)pyrene	40.000	40.215	-0.5	87	0.00
91		Dibenzo(a,h)anthracene	40.000	41.887	-4.7	90	0.00
92		Benzo(g,h,i)perylene	40.000	42.938	-7.3	93	0.00

Sample Results: **BF142360.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142360.D
Acq On : 14 May 2025 12:19
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 14 12:48:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BF142393.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

Instrument ID: BNA_F Calibration Date/Time: 05/15/2025 15:41

Lab File ID: BF142393.D Init. Calib. Date(s): 05/05/2025 05/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:54 17:15

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.172	1.241		5.9	
Benzaldehyde	0.843	0.816		-3.2	
Phenol-d6	1.441	1.485		3.1	
Phenol	1.531	1.695		10.7	20.0
bis(2-Chloroethyl)ether	1.506	1.233		-18.1	
2-Chlorophenol	1.252	1.345		7.4	
2-Methylphenol	1.014	1.038		2.4	
2,2-oxybis(1-Chloropropane)	2.249	2.063		-8.3	
Acetophenone	0.445	0.450		1.1	
3+4-Methylphenols	1.265	1.272		0.6	
n-Nitroso-di-n-propylamine	0.891	0.839	0.050	-5.8	
Nitrobenzene-d5	0.328	0.381		16.2	
Hexachloroethane	0.478	0.508		6.3	
Nitrobenzene	0.309	0.348		12.6	
Isophorone	0.621	0.610		-1.8	
2-Nitrophenol	0.129	0.191		48.1	20.0
2,4-Dimethylphenol	0.312	0.334		7.1	
bis(2-Chloroethoxy)methane	0.399	0.386		-3.3	
2,4-Dichlorophenol	0.265	0.295		11.3	20.0
Naphthalene	0.969	1.000		3.2	
4-Chloroaniline	0.395	0.410		3.8	
Hexachlorobutadiene	0.177	0.189		6.8	20.0
Caprolactam	0.077	0.088		14.3	
4-Chloro-3-methylphenol	0.276	0.289		4.7	20.0
2-Methylnaphthalene	0.602	0.607		0.8	
Hexachlorocyclopentadiene	0.345	0.400	0.050	15.9	
2,4,6-Trichlorophenol	0.352	0.415		17.9	20.0
2-Fluorobiphenyl	1.403	1.411		0.6	
2,4,5-Trichlorophenol	0.375	0.420		12.0	
1,1-Biphenyl	1.533	1.588		3.6	
2-Chloronaphthalene	1.140	1.175		3.1	
2-Nitroaniline	0.292	0.366		25.3	
Dimethylphthalate	1.284	1.323		3.0	
Acenaphthylene	1.908	1.964		2.9	
2,6-Dinitrotoluene	0.240	0.296		23.3	
3-Nitroaniline	0.282	0.341		20.9	
Acenaphthene	1.147	1.207		5.2	20.0
2,4-Dinitrophenol	0.102	0.161	0.050	57.8	
4-Nitrophenol	0.212	0.262	0.050	23.6	

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

Instrument ID: BNA_F Calibration Date/Time: 05/15/2025 15:41

Lab File ID: BF142393.D Init. Calib. Date(s): 05/05/2025 05/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:54 17:15

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.693	1.726		1.9	
2,4-Dinitrotoluene	0.308	0.398		29.2	
Diethylphthalate	1.283	1.261		-1.7	
4-Chlorophenyl-phenylether	0.623	0.632		1.4	
Fluorene	1.292	1.291		-0.1	
4-Nitroaniline	0.223	0.289		29.6	
4,6-Dinitro-2-methylphenol	0.082	0.126		53.7	
n-Nitrosodiphenylamine	0.666	0.707		6.2	20.0
2,4,6-Tribromophenol	0.193	0.224		16.1	
4-Bromophenyl-phenylether	0.227	0.237		4.4	
Hexachlorobenzene	0.249	0.266		6.8	
Atrazine	0.175	0.193		10.3	
Pentachlorophenol	0.131	0.161		22.9	20.0
Phenanthrene	1.048	1.080		3.1	
Anthracene	1.077	1.097		1.9	
Carbazole	0.966	0.961		-0.5	
Di-n-butylphthalate	1.016	0.974		-4.1	
Fluoranthene	1.048	0.943		-10.0	20.0
Pyrene	1.780	1.748		-1.8	
Terphenyl-d14	1.351	1.252		-7.3	
Butylbenzylphthalate	0.449	0.507		12.9	
3,3-Dichlorobenzidine	0.301	0.454		50.8	
Benzo(a)anthracene	1.295	1.376		6.3	
Chrysene	1.206	1.208		0.2	
Bis(2-ethylhexyl)phthalate	0.573	0.662		15.5	
Di-n-octyl phthalate	1.057	1.337		26.5	20.0
Benzo(b)fluoranthene	1.211	1.251		3.3	
Benzo(k)fluoranthene	1.109	1.029		-7.2	
Benzo(a)pyrene	1.085	1.150		6.0	20.0
Indeno(1,2,3-cd)pyrene	1.391	1.481		6.5	
Dibenzo(a,h)anthracene	1.149	1.194		3.9	
Benzo(g,h,i)perylene	1.141	1.201		5.3	
1,2,4,5-Tetrachlorobenzene	0.559	0.597		6.8	
1,4-Dioxane	0.528	0.533		0.9	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.354		14.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142393.D
Acq On : 15 May 2025 15:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 15 16:19:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	168883	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	623039	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	317544	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	516450	20.000	ng	0.00
76) Chrysene-d12	14.063	240	271993	20.000	ng	0.00
86) Perylene-d12	15.551	264	340967	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	838165	84.722	ng	0.00
7) Phenol-d6	6.528	99	1002877	82.421	ng	0.00
23) Nitrobenzene-d5	7.469	82	949216	92.915	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	284360	92.751	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1792070	80.470	ng	0.00
79) Terphenyl-d14	13.010	244	1361597	74.094	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	180160	40.439	ng	97
3) Pyridine	3.446	79	456467	43.641	ng	96
4) n-Nitrosodimethylamine	3.399	42	238548	39.241	ng	96
6) Aniline	6.563	93	660334	55.328	ng	99
8) 2-Chlorophenol	6.687	128	454199	42.963	ng	97
9) Benzaldehyde	6.451	77	275724	38.717	ng	99
10) Phenol	6.540	94	572545	44.390	ng	97
11) bis(2-Chloroethyl)ether	6.640	93	416306	32.730	ng	98
12) 1,3-Dichlorobenzene	6.845	146	496437	41.046	ng	98
13) 1,4-Dichlorobenzene	6.922	146	496988	40.925	ng	98
14) 1,2-Dichlorobenzene	7.075	146	477620	40.975	ng	99
15) Benzyl Alcohol	7.040	79	358435	45.492	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	696666	36.678	ng	99
17) 2-Methylphenol	7.151	107	350468	40.947	ng	100
18) Hexachloroethane	7.416	117	171631	42.478	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	283363	37.649	ng	98
20) 3+4-Methylphenols	7.304	107	429618	40.219	ng	93
22) Acetophenone	7.310	105	560415	40.454	ng	96
24) Nitrobenzene	7.487	77	433793	45.047	ng	97
25) Isophorone	7.722	82	760467	39.310	ng	100
26) 2-Nitrophenol	7.798	139	238415	51.078	ng	99
27) 2,4-Dimethylphenol	7.834	122	415588	42.728	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	480449	38.623	ng	99
29) 2,4-Dichlorophenol	8.039	162	367397	44.430	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	393359	42.269	ng	99
31) Naphthalene	8.210	128	1246638	41.285	ng	99
32) Benzoic acid	7.934	122	245696	47.313	ng	99
33) 4-Chloroaniline	8.251	127	510900	41.464	ng	99
34) Hexachlorobutadiene	8.322	225	235267	42.694	ng	99
35) Caprolactam	8.622	113	110032	45.657	ng	93
36) 4-Chloro-3-methylphenol	8.728	107	360205	41.905	ng	100
37) 2-Methylnaphthalene	8.898	142	756282	40.307	ng	99
38) 1-Methylnaphthalene	8.998	142	776467	39.704	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	379167	42.753	ng	99
41) Hexachlorocyclopentadiene	9.051	237	254231	46.384	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	263704	47.140	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142393.D
Acq On : 15 May 2025 15:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 15 16:19:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

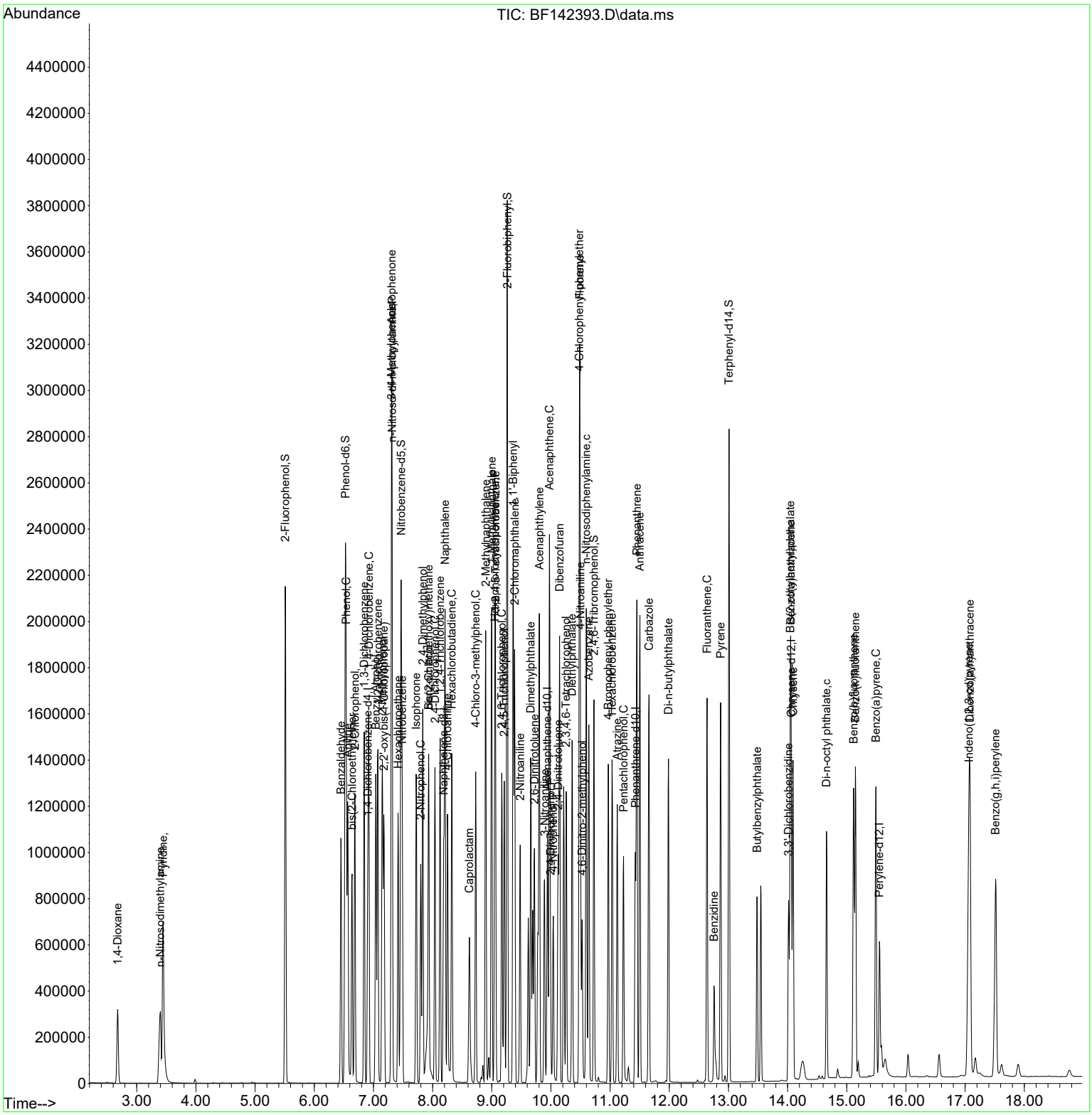
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	266454	44.766	ng		99
46) 1,1'-Biphenyl	9.363	154	1008454	41.419	ng		98
47) 2-Chloronaphthalene	9.386	162	746336	41.219	ng		99
48) 2-Nitroaniline	9.481	65	232479	50.091	ng		93
49) Acenaphthylene	9.804	152	1247085	41.172	ng		100
50) Dimethylphthalate	9.657	163	840051	41.198	ng		100
51) 2,6-Dinitrotoluene	9.722	165	187890	49.228	ng		89
52) Acenaphthene	9.975	154	766625	42.093	ng		100
53) 3-Nitroaniline	9.892	138	216325	48.327	ng		93
54) 2,4-Dinitrophenol	9.992	184	102104	53.899	ng	#	13
55) Dibenzofuran	10.145	168	1096260	40.785	ng		100
56) 4-Nitrophenol	10.039	139	166517	49.427	ng		94
57) 2,4-Dinitrotoluene	10.122	165	252920	51.661	ng		93
58) Fluorene	10.486	166	820037	39.977	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	224852	45.761	ng		98
60) Diethylphthalate	10.357	149	801067	39.339	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	401230	40.543	ng		99
62) 4-Nitroaniline	10.498	138	183571	51.743	ng		98
63) Azobenzene	10.639	77	743979	38.234	ng		99
65) 4,6-Dinitro-2-methylph...	10.528	198	129683	52.989	ng		96
66) n-Nitrosodiphenylamine	10.598	169	730456	42.504	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	244539	41.779	ng		98
68) Hexachlorobenzene	11.033	284	274798	42.682	ng		98
69) Atrazine	11.122	200	199603	44.061	ng		99
70) Pentachlorophenol	11.227	266	165787	48.948	ng		97
71) Phenanthrene	11.451	178	1115558	41.209	ng		100
72) Anthracene	11.504	178	1132817	40.726	ng		100
73) Carbazole	11.657	167	992323	39.764	ng		99
74) Di-n-butylphthalate	11.986	149	1006116	38.341	ng		100
75) Fluoranthene	12.639	202	973939	35.991	ng		99
77) Benzidine	12.757	184	286571	57.977	ng		98
78) Pyrene	12.869	202	951146	39.287	ng		100
80) Butylbenzylphthalate	13.486	149	275909	39.733	ng		96
81) Benzo(a)anthracene	14.057	228	748759	42.508	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	246699	60.226	ng		98
83) Chrysene	14.092	228	657195	40.078	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	360103	39.920	ng		99
85) Di-n-octyl phthalate	14.657	149	727339	44.523	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1009986	42.582	ng		99
88) Benzo(b)fluoranthene	15.115	252	853236	41.317	ng		99
89) Benzo(k)fluoranthene	15.145	252	701372	37.113	ng		100
90) Benzo(a)pyrene	15.492	252	784416	42.388	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	814409	41.561	ng		99
92) Benzo(g,h,i)perylene	17.515	276	818684	42.095	ng		98

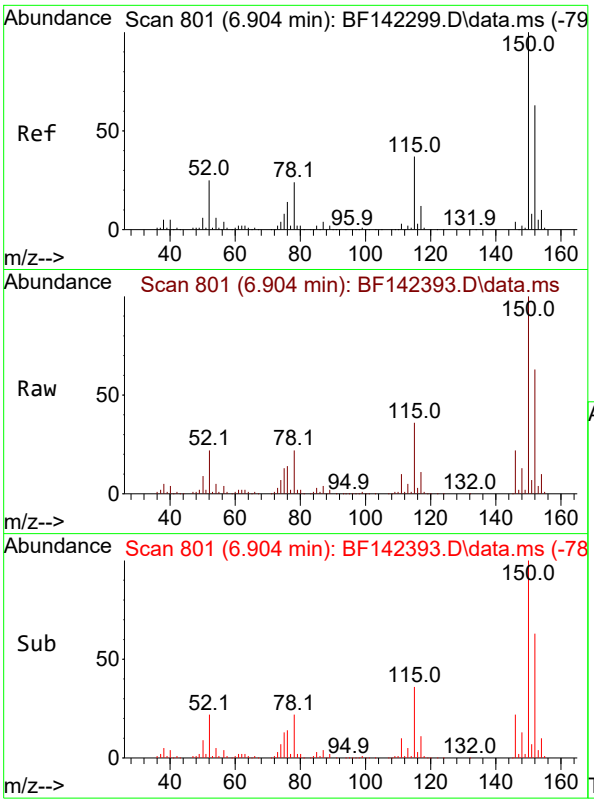
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142393.D
Acq On : 15 May 2025 15:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 15 16:19:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



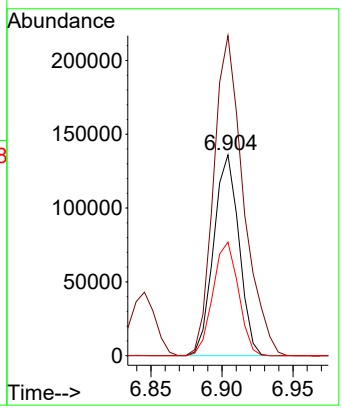


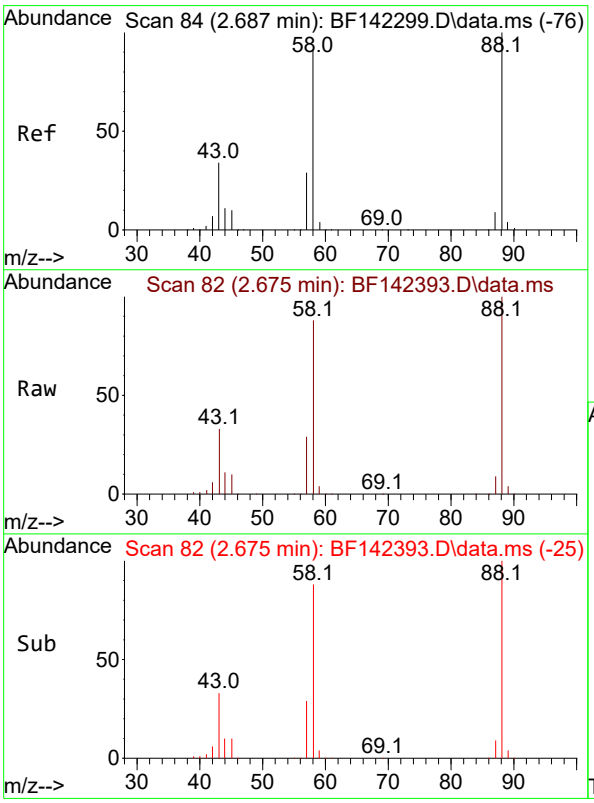
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 168883

Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.6	190.0
115	56.6	47.3	70.9

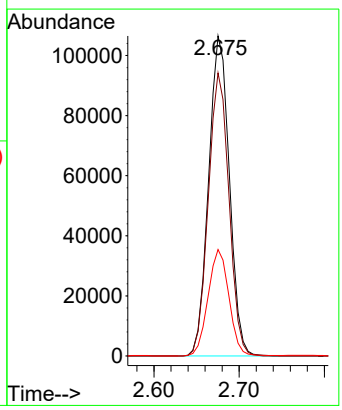


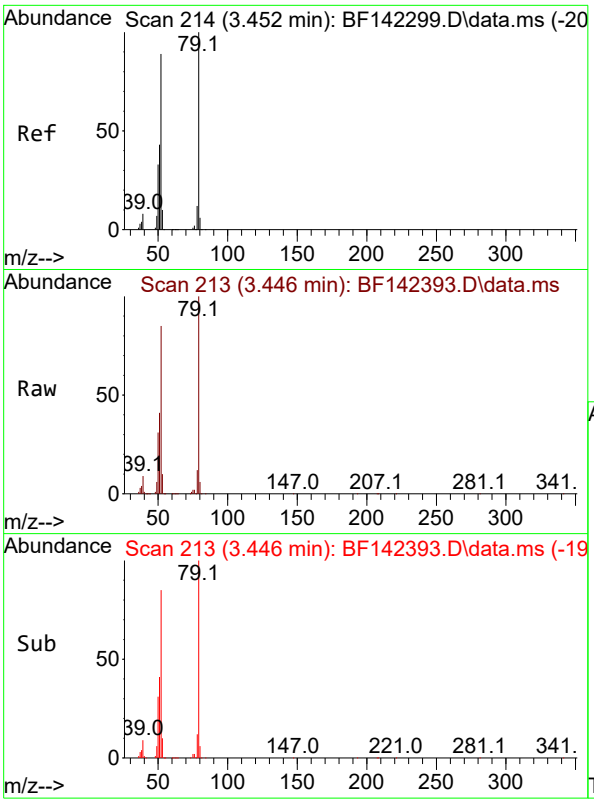


#2
1,4-Dioxane
Concen: 40.439 ng
RT: 2.675 min Scan# 82
Delta R.T. -0.012 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion: 88 Resp: 180160

Ion	Ratio	Lower	Upper
88	100		
58	87.9	73.0	109.4
43	33.6	27.8	41.6



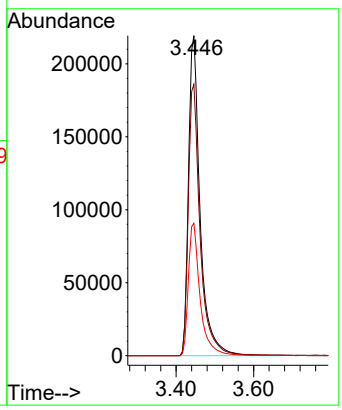


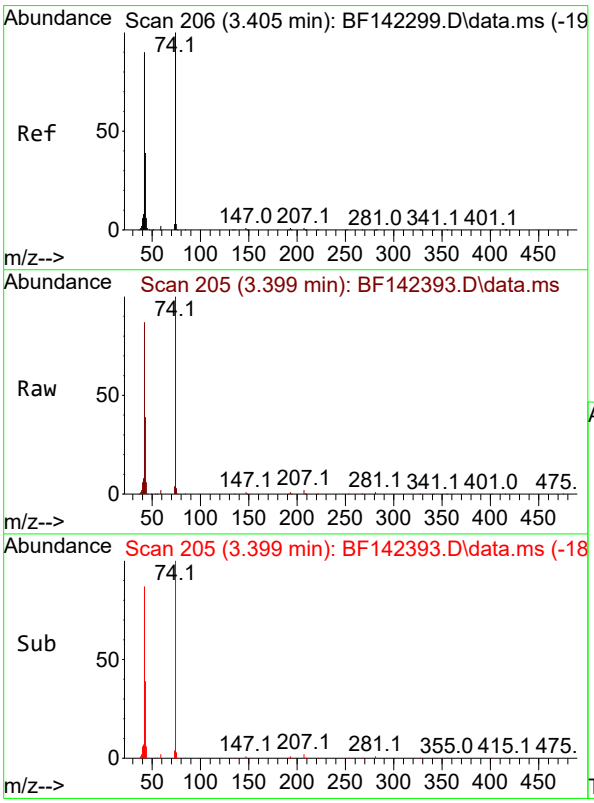
#3
Pyridine
Concen: 43.641 ng
RT: 3.446 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 456467

Ion	Ratio	Lower	Upper
79	100		
52	84.8	71.0	106.4
51	41.4	34.9	52.3

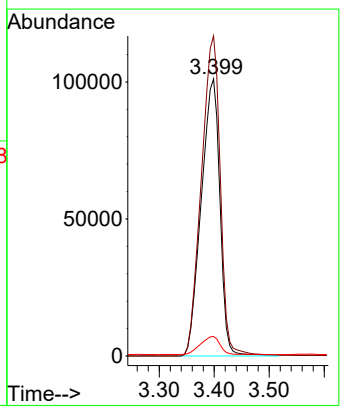


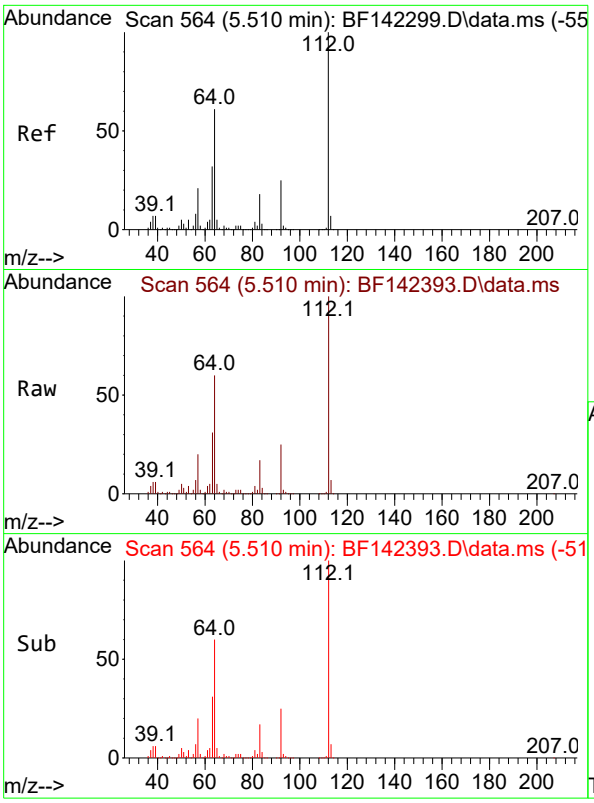


#4
n-Nitrosodimethylamine
Concen: 39.241 ng
RT: 3.399 min Scan# 205
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion: 42 Resp: 238548

Ion	Ratio	Lower	Upper
42	100		
74	115.5	88.5	132.7
44	7.0	5.8	8.8



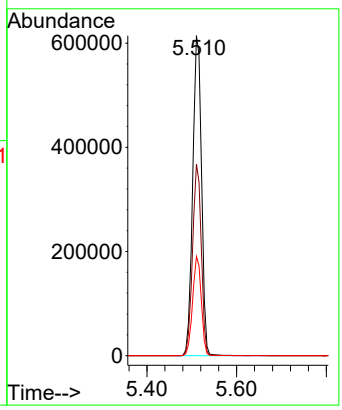


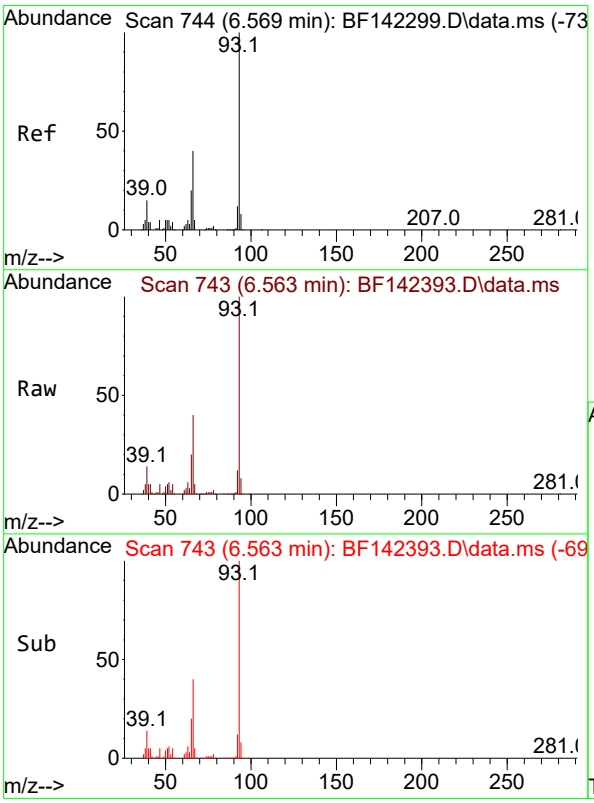
#5
2-Fluorophenol
Concen: 84.722 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 838165

Ion	Ratio	Lower	Upper
112	100		
64	59.8	48.9	73.3
63	31.0	25.6	38.4

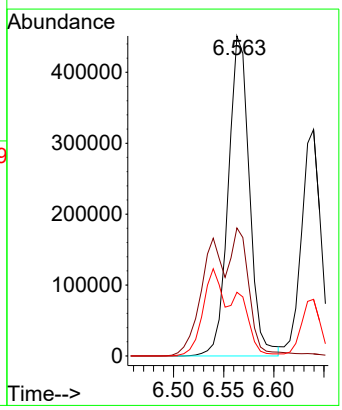


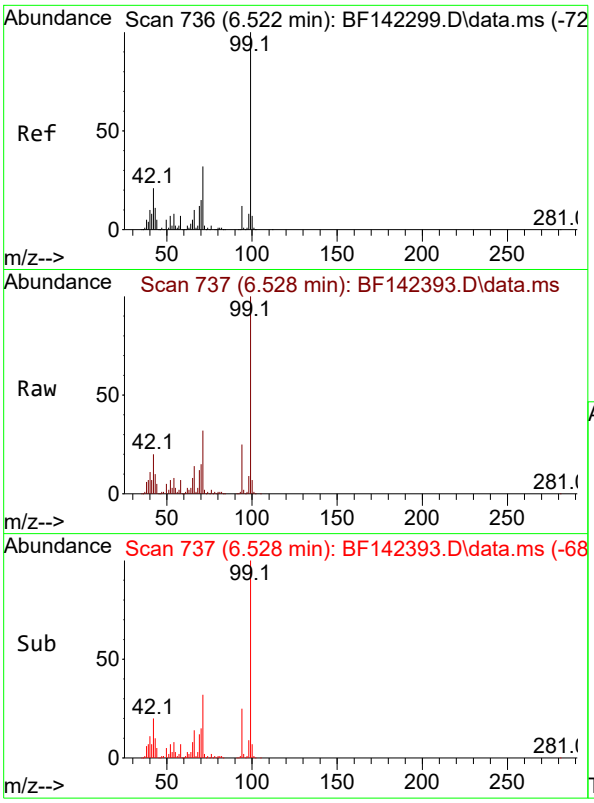


#6
Aniline
Concen: 55.328 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion: 93 Resp: 660334

Ion	Ratio	Lower	Upper
93	100		
66	40.0	32.2	48.4
65	19.9	16.3	24.5



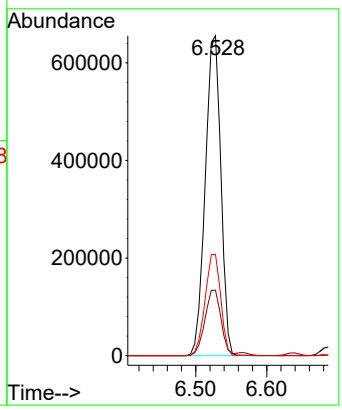


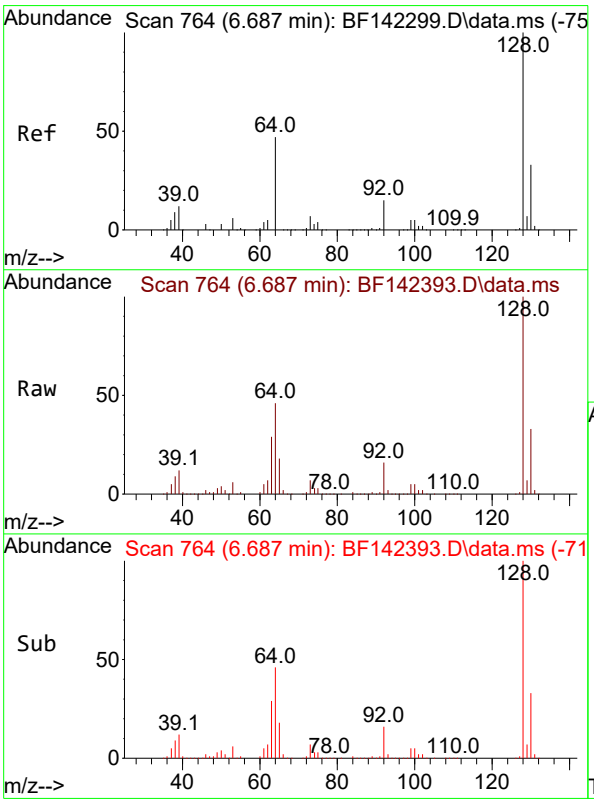
#7
Phenol-d6
Concen: 82.421 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1002877

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.0	25.4
71	31.7	25.8	38.8

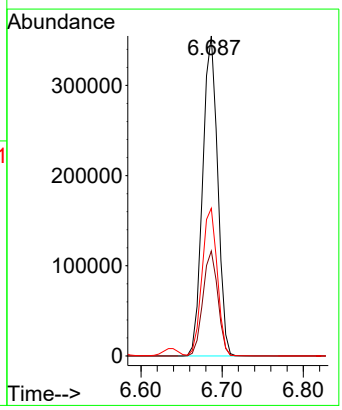


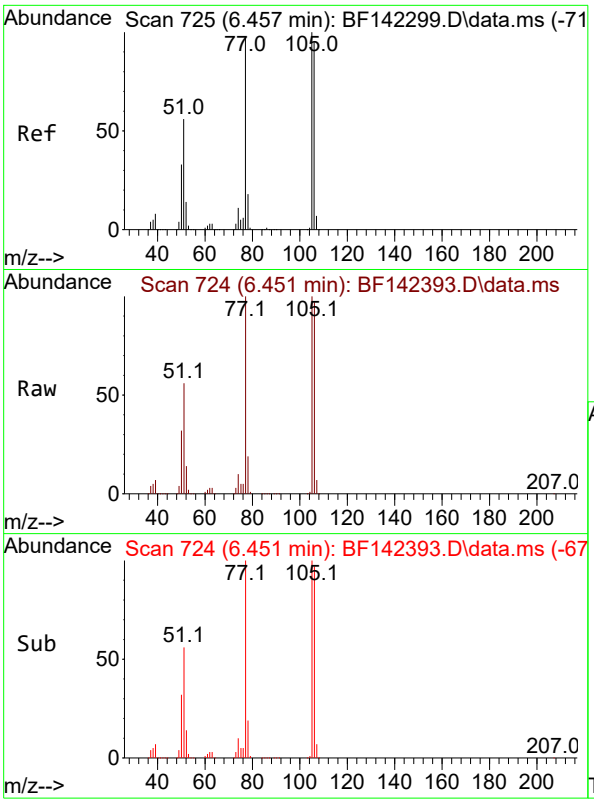


#8
2-Chlorophenol
Concen: 42.963 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:128 Resp: 454199

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	46.2	29.2	69.2



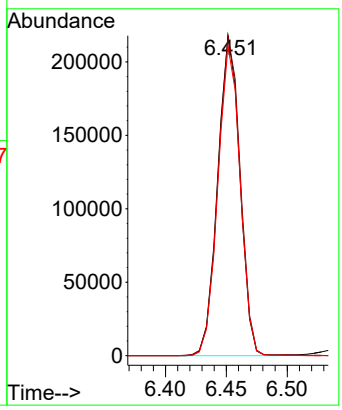


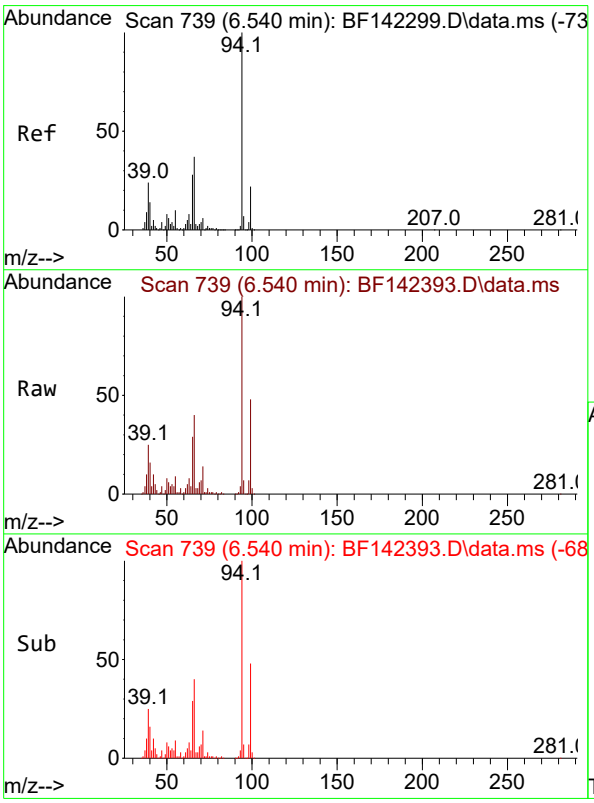
#9
Benzaldehyde
Concen: 38.717 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 275724

Ion	Ratio	Lower	Upper
77	100		
105	100.1	82.0	122.0
106	96.7	77.2	117.2

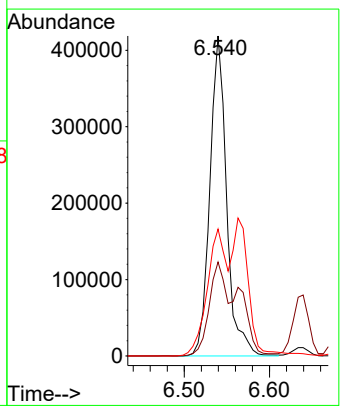


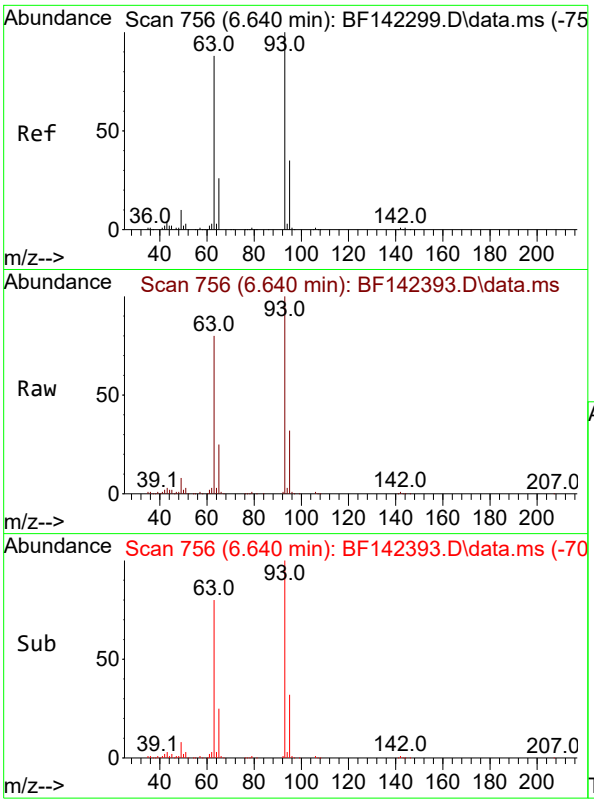


#10
Phenol
Concen: 44.390 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion: 94 Resp: 572545

Ion	Ratio	Lower	Upper
94	100		
65	29.4	8.5	48.5
66	39.6	17.3	57.3



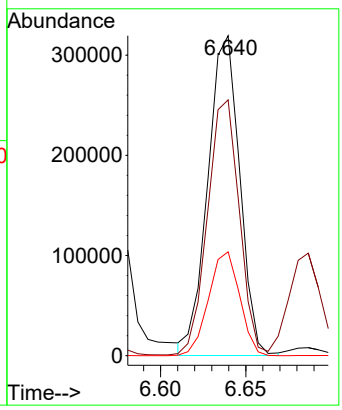


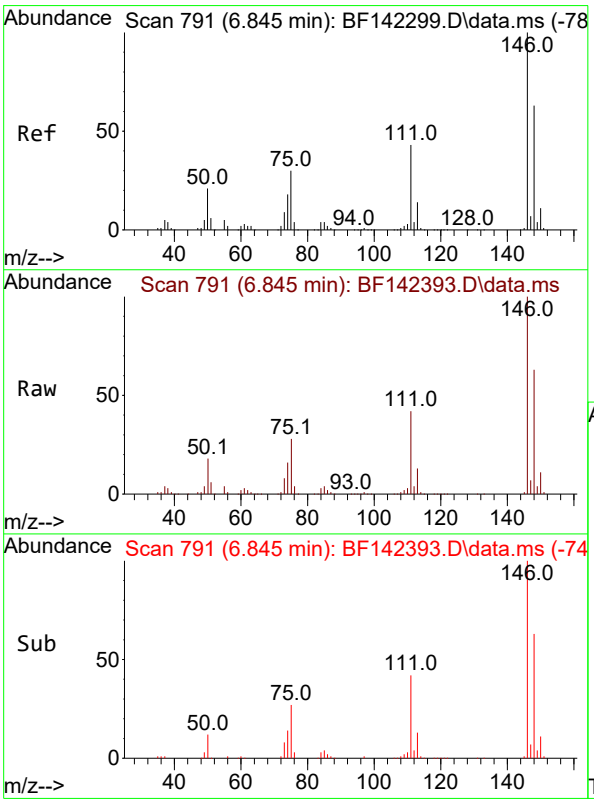
#11
bis(2-Chloroethyl)ether
Concen: 32.730 ng
RT: 6.640 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 416306

Ion	Ratio	Lower	Upper
93	100		
63	79.9	58.4	98.4
95	32.5	10.6	50.6

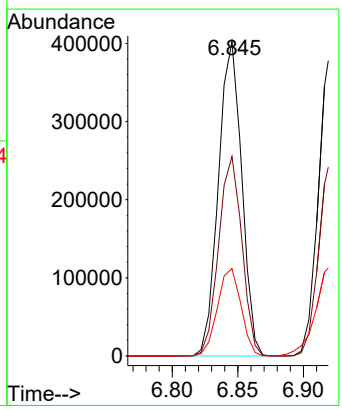


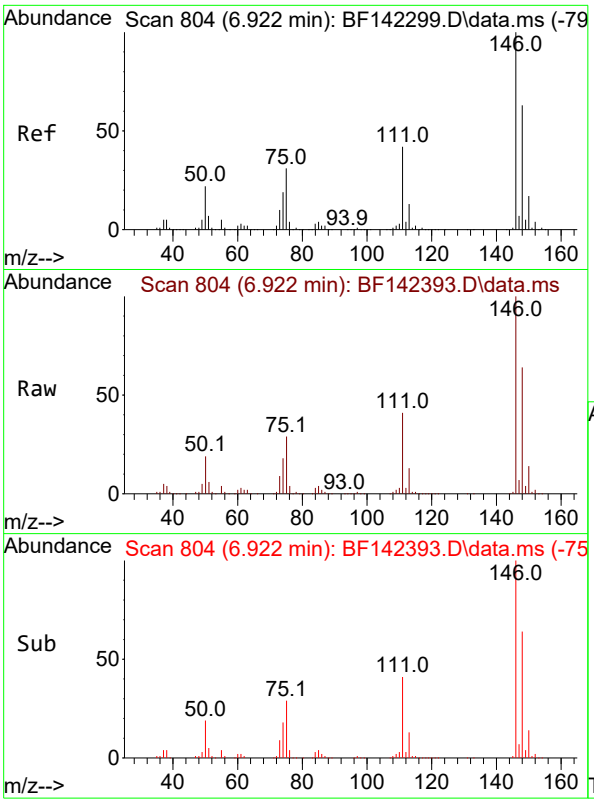


#12
1,3-Dichlorobenzene
Concen: 41.046 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:146 Resp: 496437

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	76.0
75	27.8	24.2	36.4



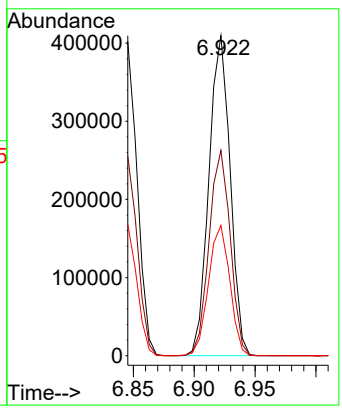


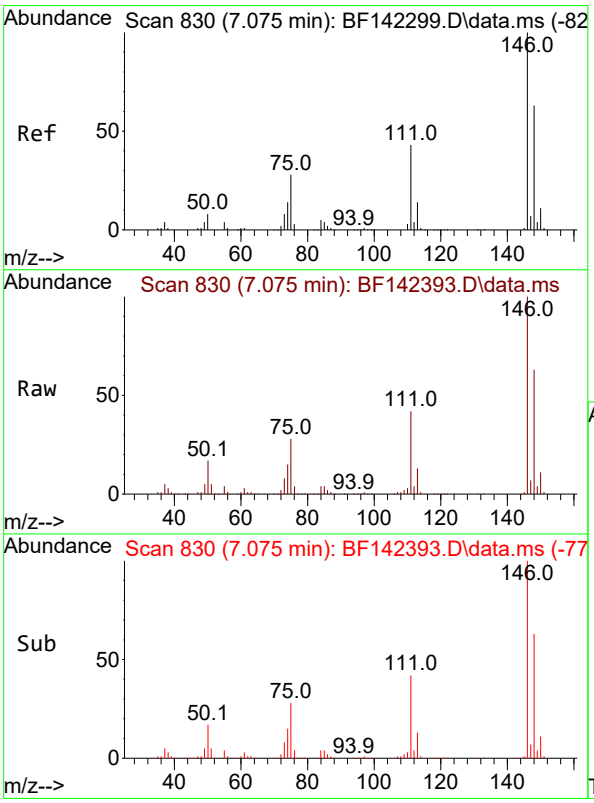
#13
1,4-Dichlorobenzene
Concen: 40.925 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 496988

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.5	75.7
111	40.7	33.4	50.2

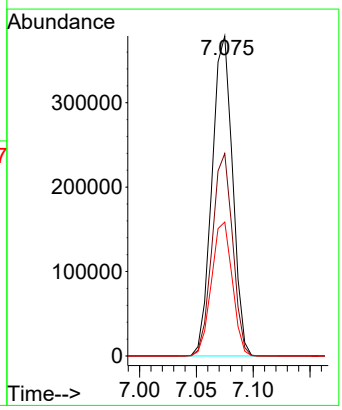


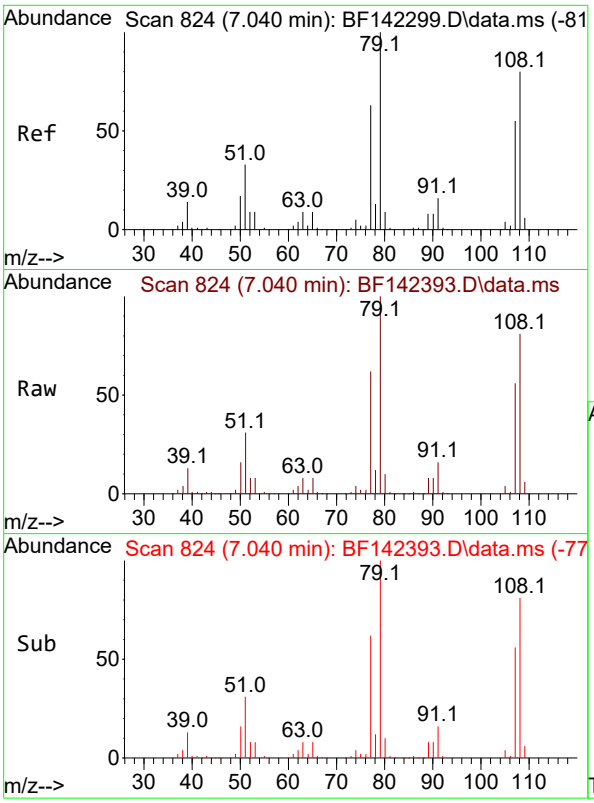


#14
1,2-Dichlorobenzene
Concen: 40.975 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:146 Resp: 477620

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.3	75.5
111	41.9	34.5	51.7



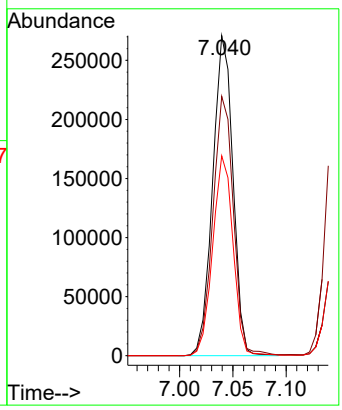


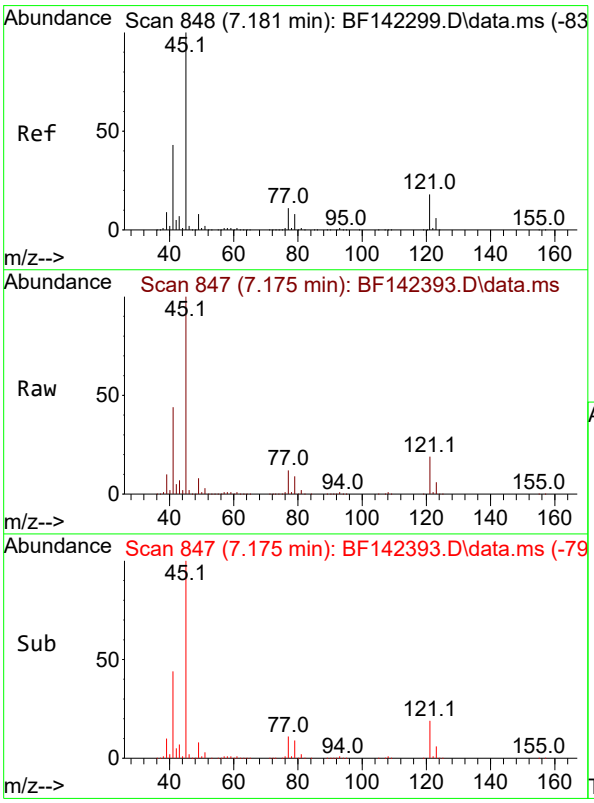
#15
Benzyl Alcohol
Concen: 45.492 ng
RT: 7.040 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 358435

Ion	Ratio	Lower	Upper
79	100		
108	81.0	63.9	95.9
77	62.5	50.7	76.1

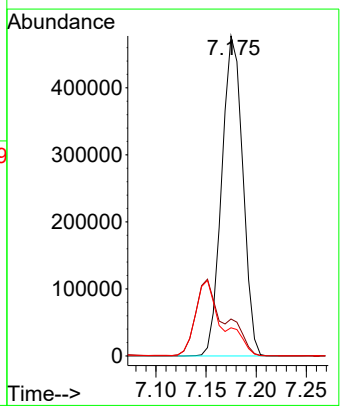


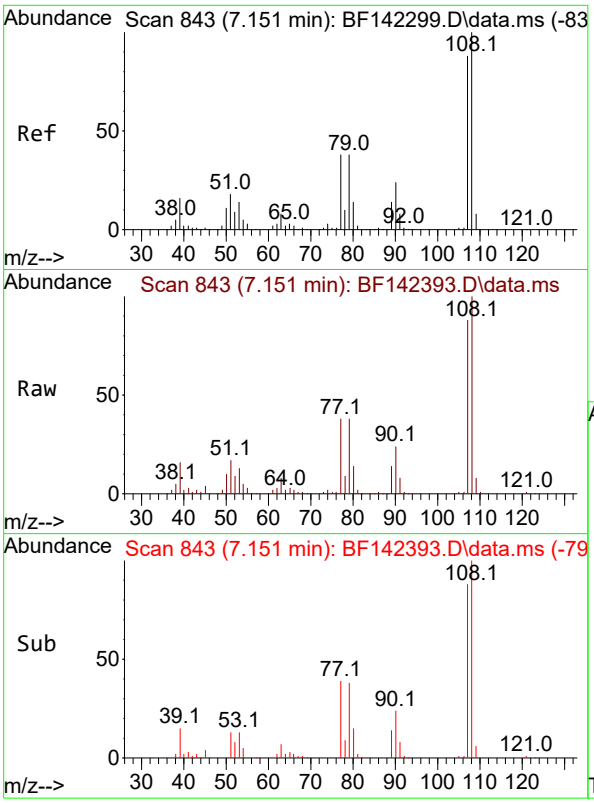


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.678 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion: 45 Resp: 696666

Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	31.2
79	8.8	0.0	28.5



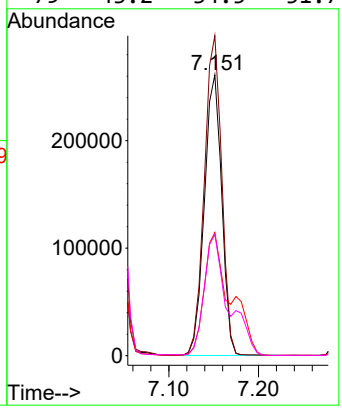


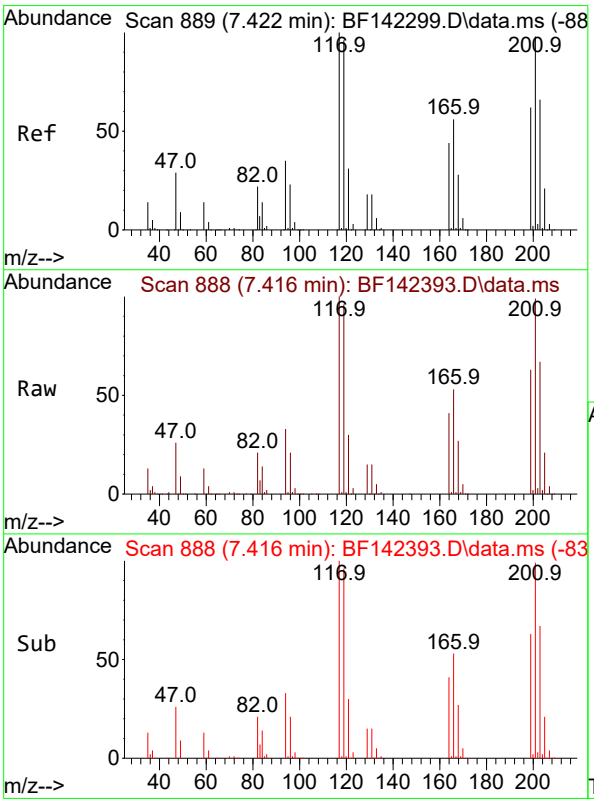
#17
2-Methylphenol
Concen: 40.947 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 350468

Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.1	136.7
77	43.9	34.7	52.1
79	43.2	34.5	51.7

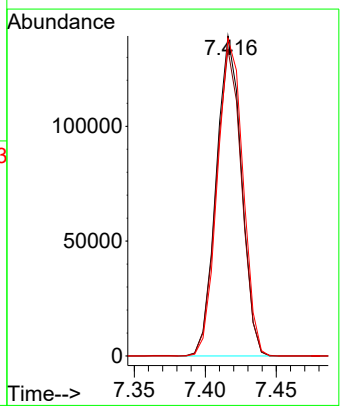


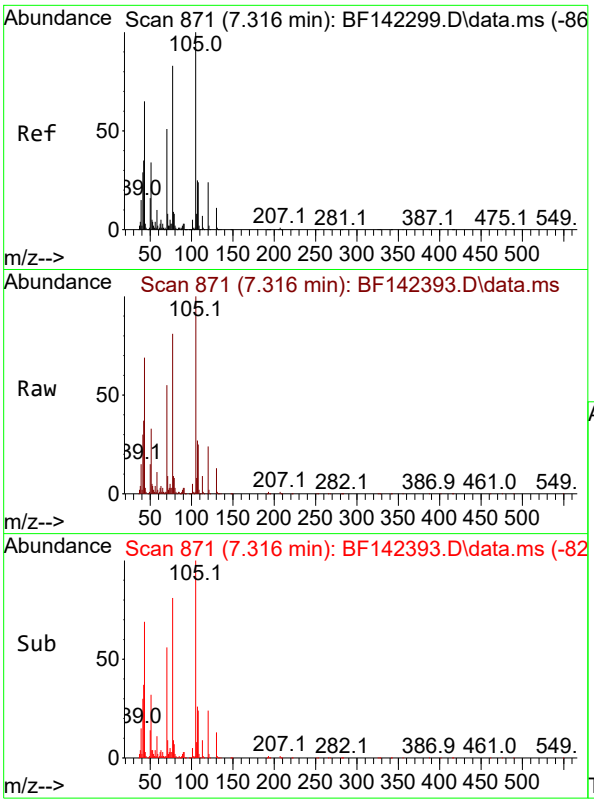


#18
Hexachloroethane
Concen: 42.478 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:117 Resp: 171631

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.9	115.3
201	99.3	78.0	117.0



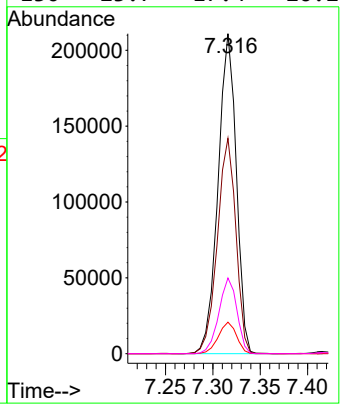


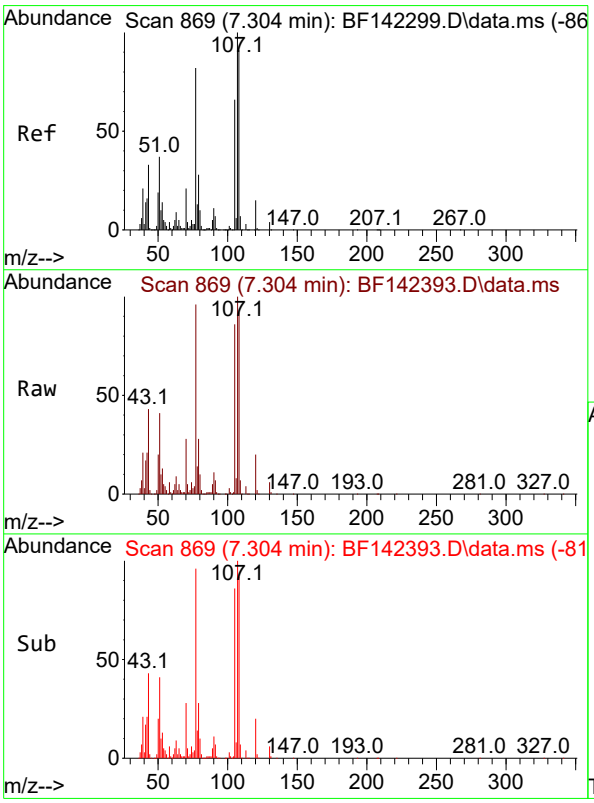
#19
n-Nitroso-di-n-propylamine
Concen: 37.649 ng
RT: 7.316 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 283363

Ion	Ratio	Lower	Upper
70	100		
42	67.3	54.8	82.2
101	9.9	7.7	11.5
130	23.7	17.4	26.2

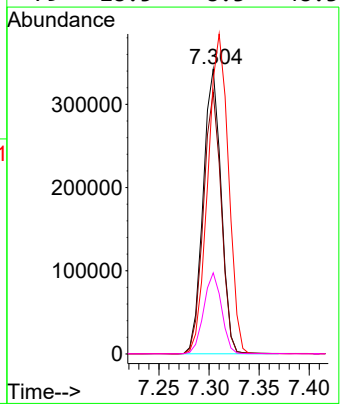


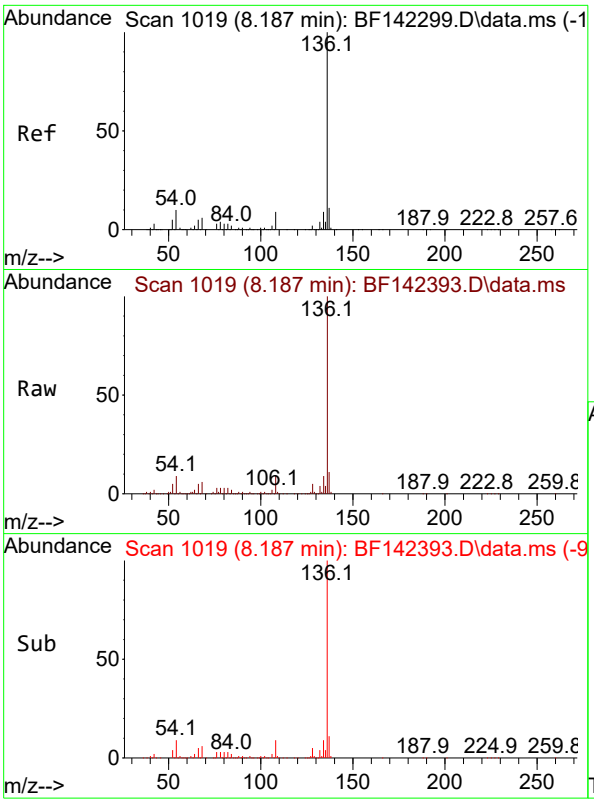


#20
3+4-Methylphenols
Concen: 40.219 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:107 Resp: 429618

Ion	Ratio	Lower	Upper
107	100		
108	92.0	71.5	111.5
77	96.4	61.6	101.6
79	28.5	8.3	48.3



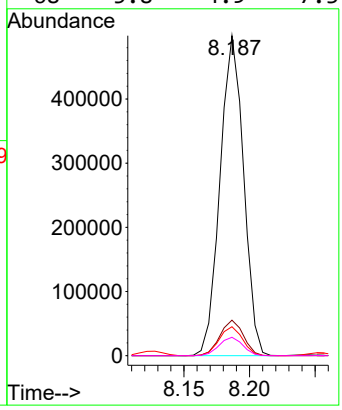


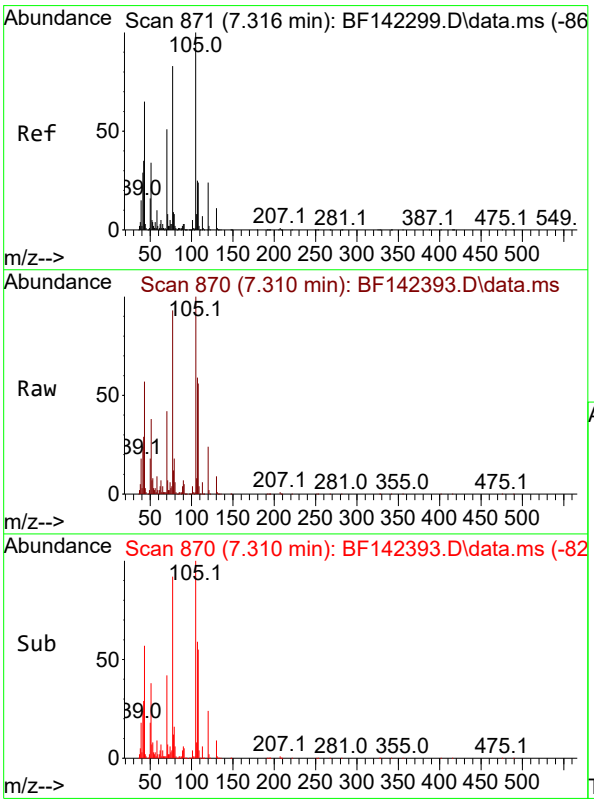
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 623039

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.0	7.7	11.5
68	5.8	4.9	7.3

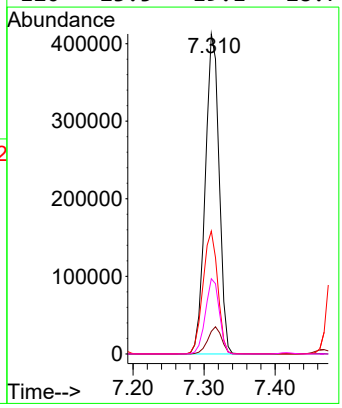


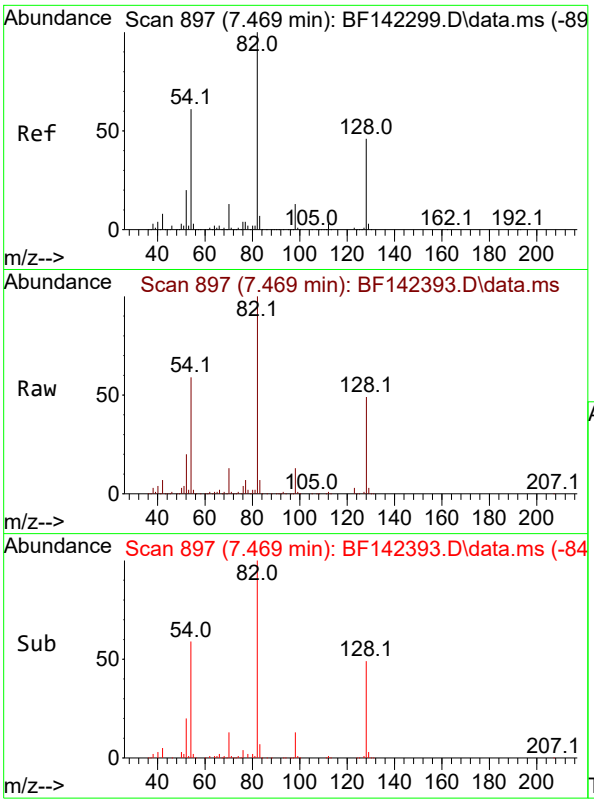


#22
Acetophenone
Concen: 40.454 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:105 Resp: 560415

Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.7	10.1
51	38.4	27.6	41.4
120	23.5	19.1	28.7



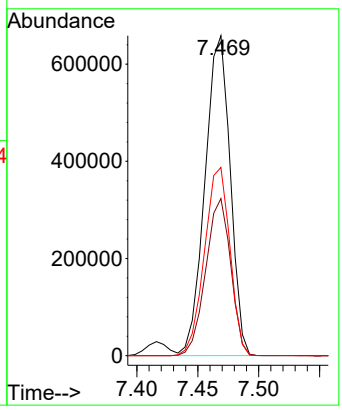


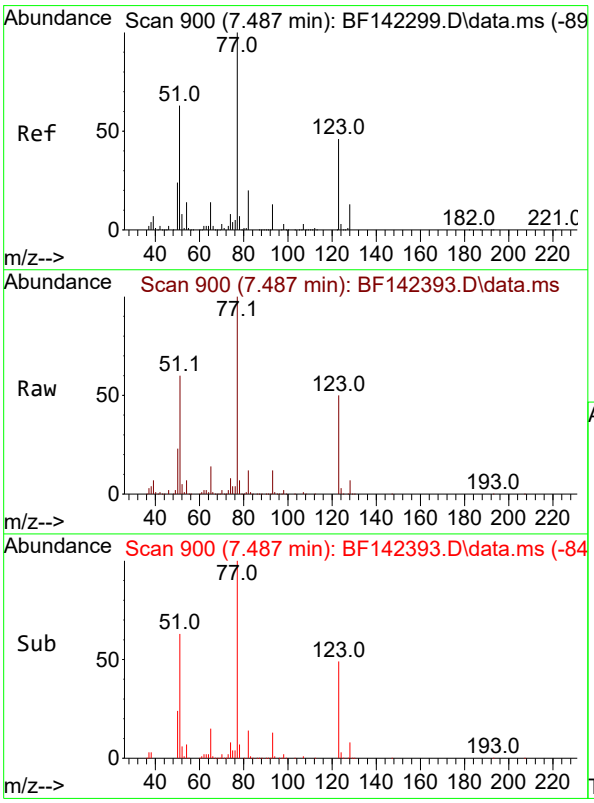
#23
Nitrobenzene-d5
Concen: 92.915 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 949216

Ion	Ratio	Lower	Upper
82	100		
128	49.1	37.0	55.6
54	58.8	48.6	73.0

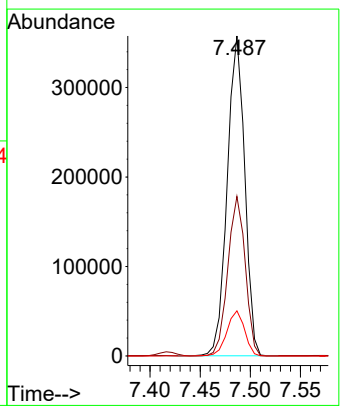


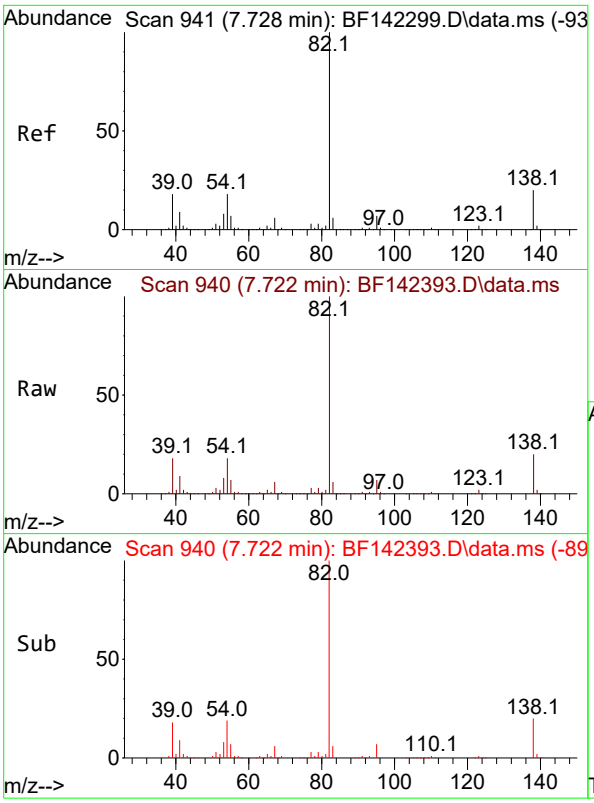


#24
Nitrobenzene
Concen: 45.047 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion: 77 Resp: 433793

Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.8	56.8
65	14.1	11.4	17.0



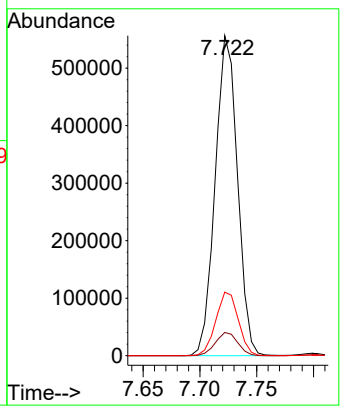


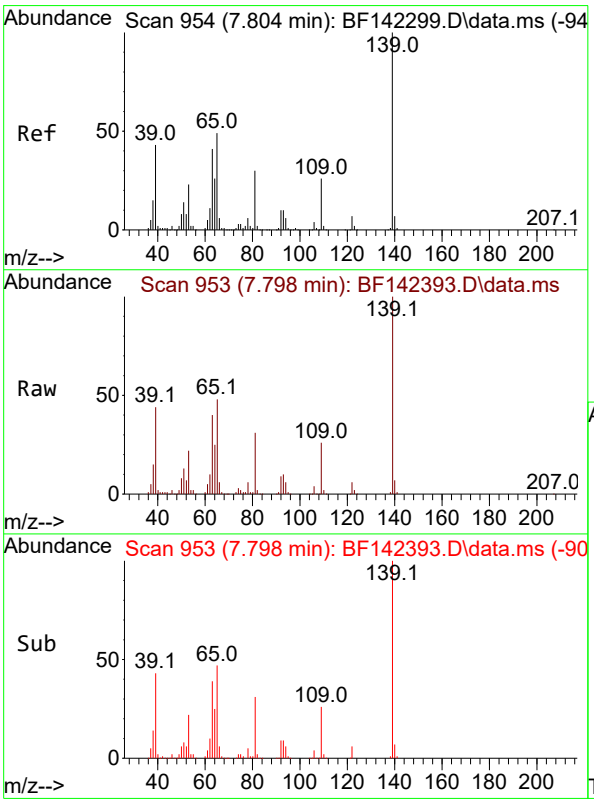
#25
Isophorone
Concen: 39.310 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 760467

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	19.9	16.1	24.1

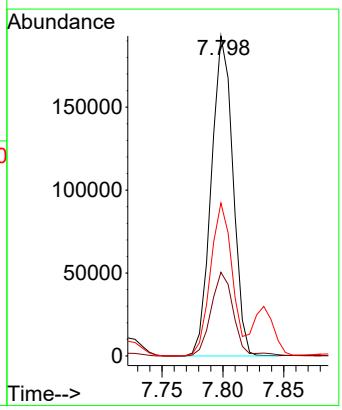


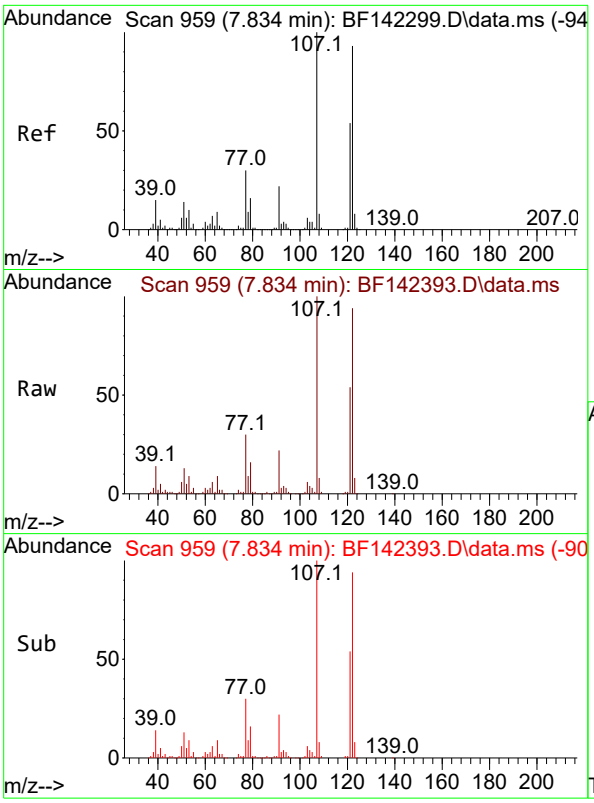


#26
2-Nitrophenol
Concen: 51.078 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:139 Resp: 238415

Ion	Ratio	Lower	Upper
139	100		
109	26.1	20.8	31.2
65	47.8	38.9	58.3



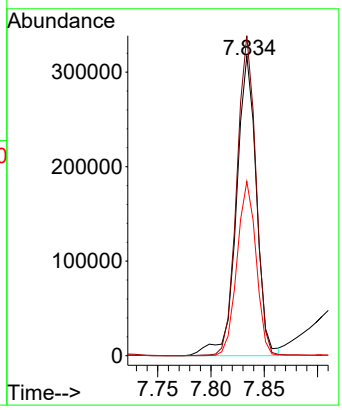


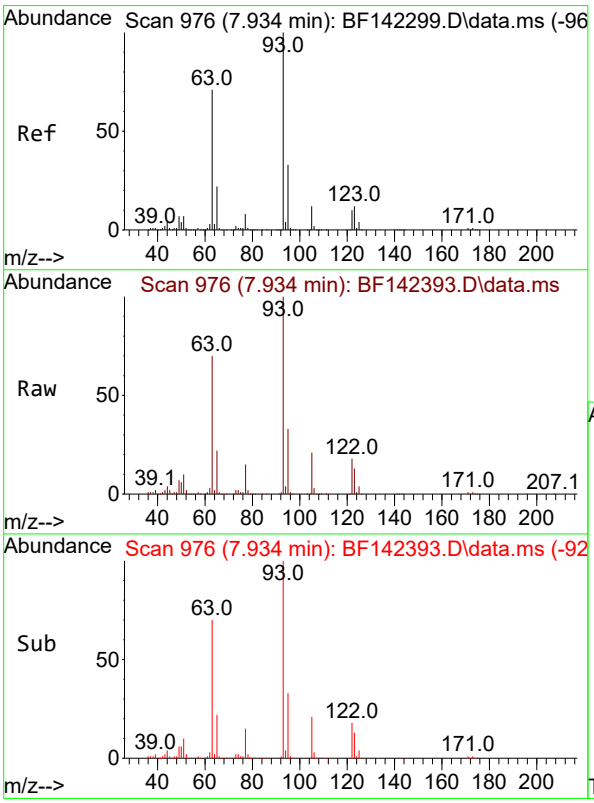
#27
2,4-Dimethylphenol
Concen: 42.728 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 415588

Ion	Ratio	Lower	Upper
122	100		
107	106.6	86.0	129.0
121	58.1	46.2	69.4

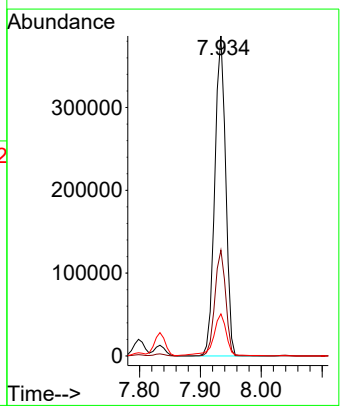


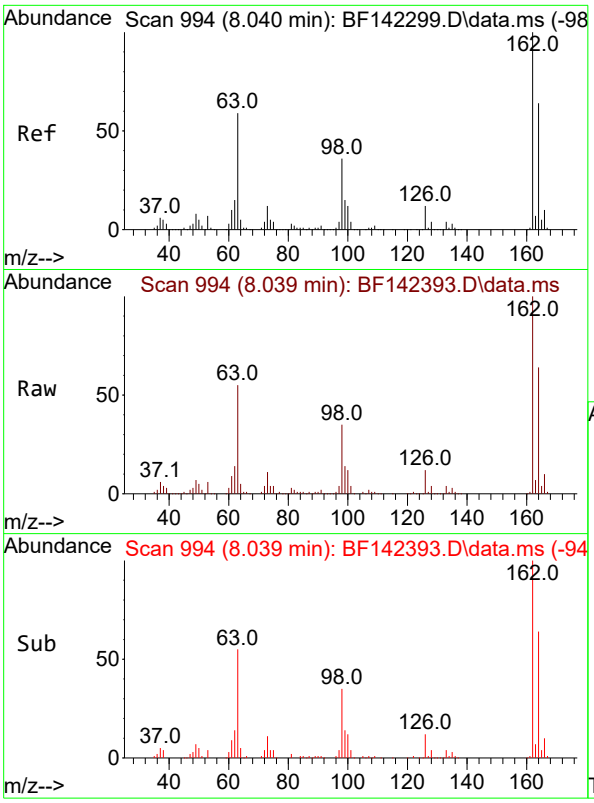


#28
bis(2-Chloroethoxy)methane
Concen: 38.623 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion: 93 Resp: 480449

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.1	39.1
123	13.2	10.2	15.4



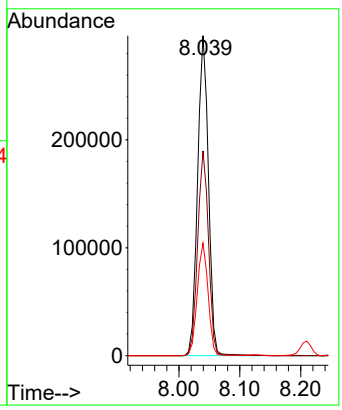


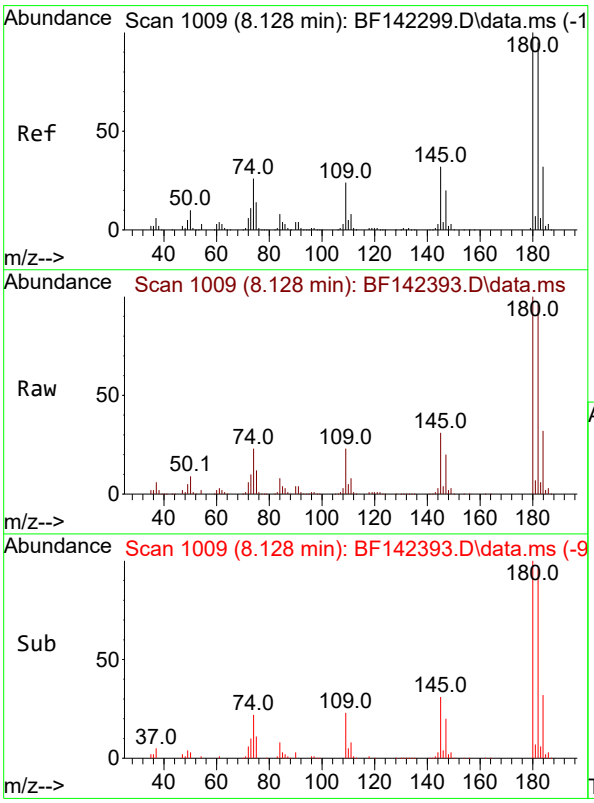
#29
2,4-Dichlorophenol
Concen: 44.430 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 367397

Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.6	83.6
98	35.2	16.5	56.5

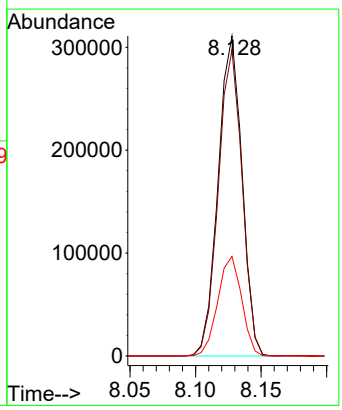


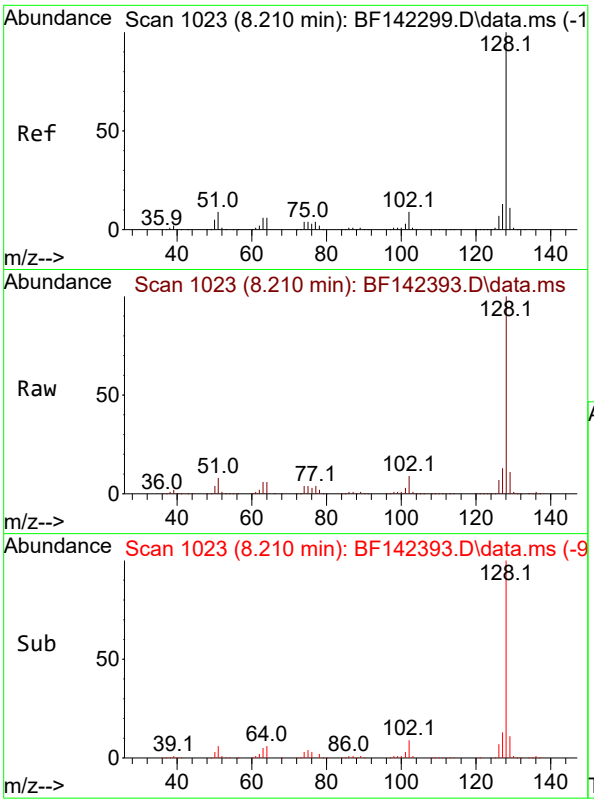


#30
1,2,4-Trichlorobenzene
Concen: 42.269 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:180 Resp: 393359

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.4
145	31.1	25.8	38.6



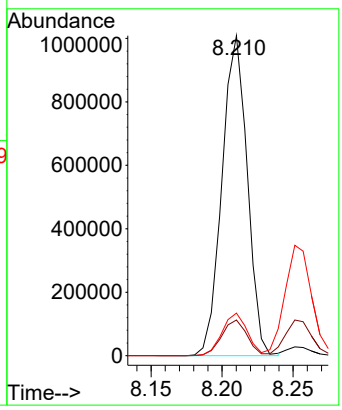


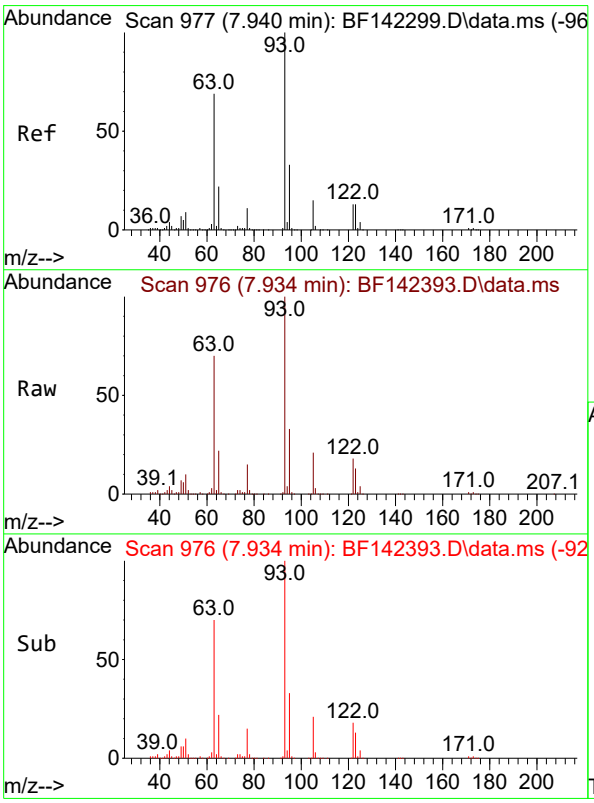
#31
Naphthalene
Concen: 41.285 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1246638

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.3	10.5	15.7

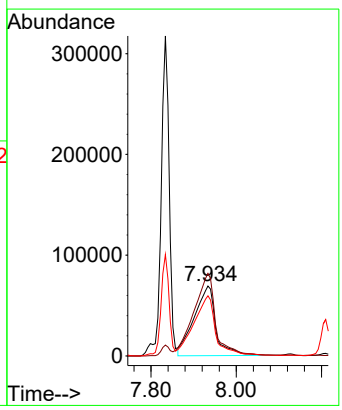


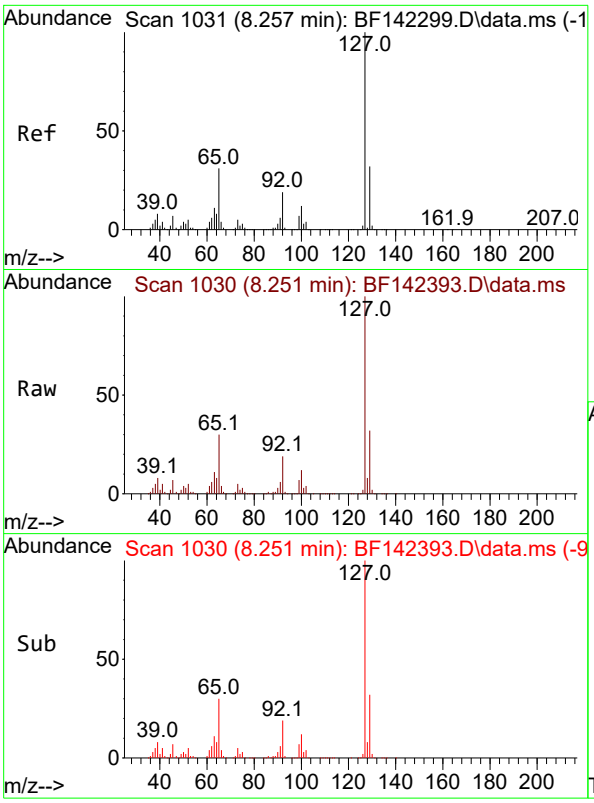


#32
Benzoic acid
Concen: 47.313 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:122 Resp: 245696

Ion	Ratio	Lower	Upper
122	100		
105	118.1	97.9	137.9
77	86.1	67.7	107.7



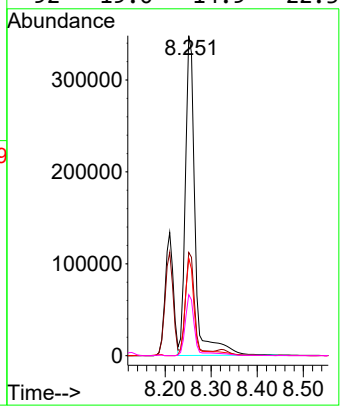


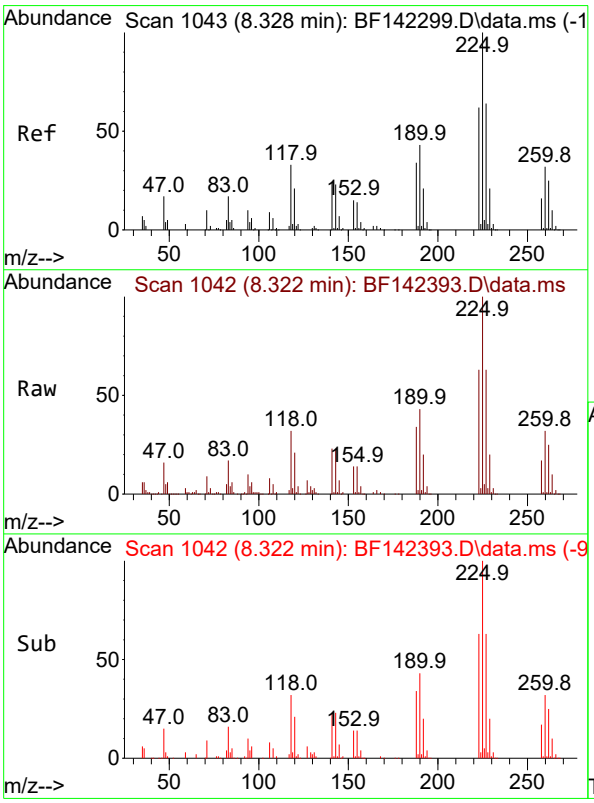
#33
4-Chloroaniline
Concen: 41.464 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.016 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 510900

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	30.4	24.9	37.3
92	19.0	14.9	22.3

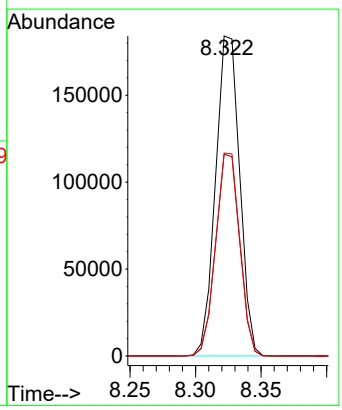


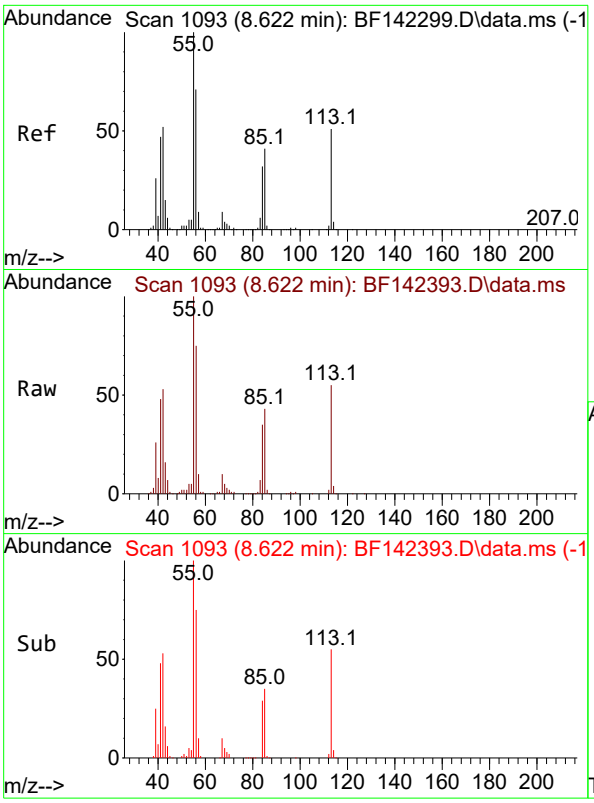


#34
Hexachlorobutadiene
Concen: 42.694 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:225 Resp: 235267

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	63.4	50.9	76.3



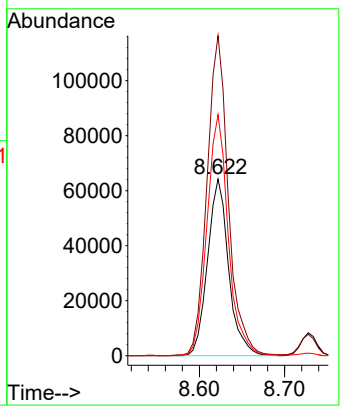


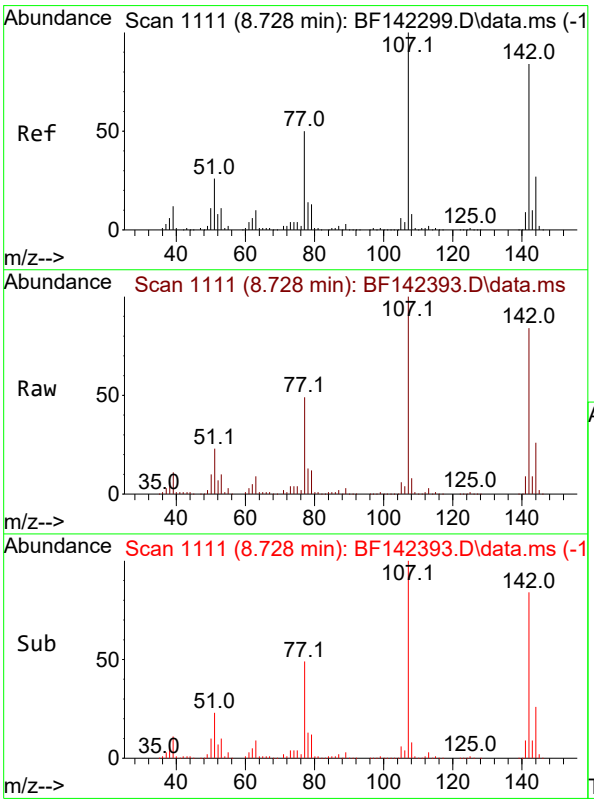
#35
Caprolactam
Concen: 45.657 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 110032

Ion	Ratio	Lower	Upper
113	100		
55	181.2	176.4	216.4
56	136.4	120.3	160.3

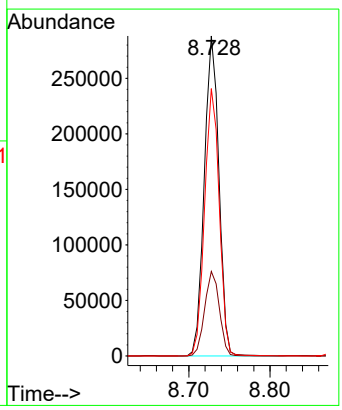


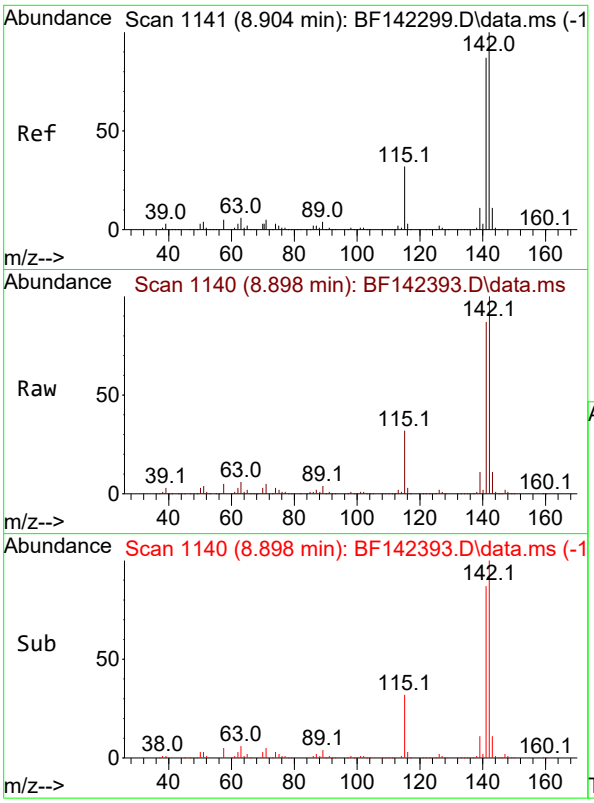


#36
4-Chloro-3-methylphenol
Concen: 41.905 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:107 Resp: 360205

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.3	31.9
142	83.5	66.9	100.3



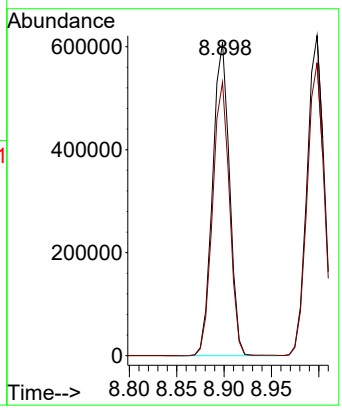


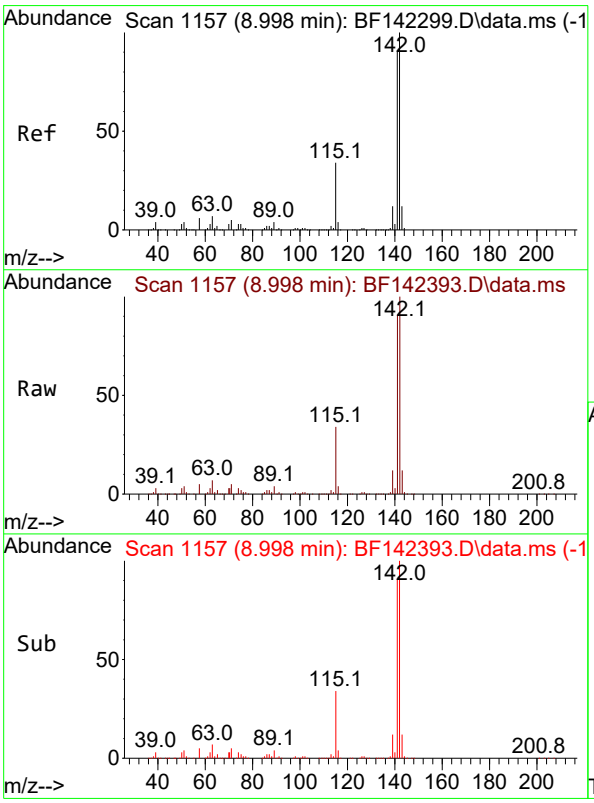
#37
2-Methylnaphthalene
Concen: 40.307 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 756282

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.4	104.2

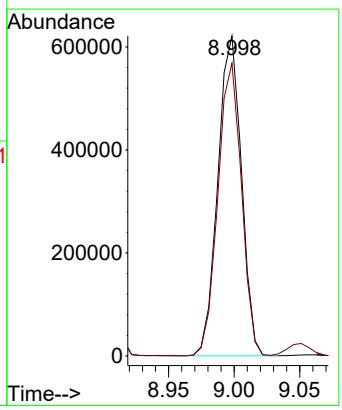


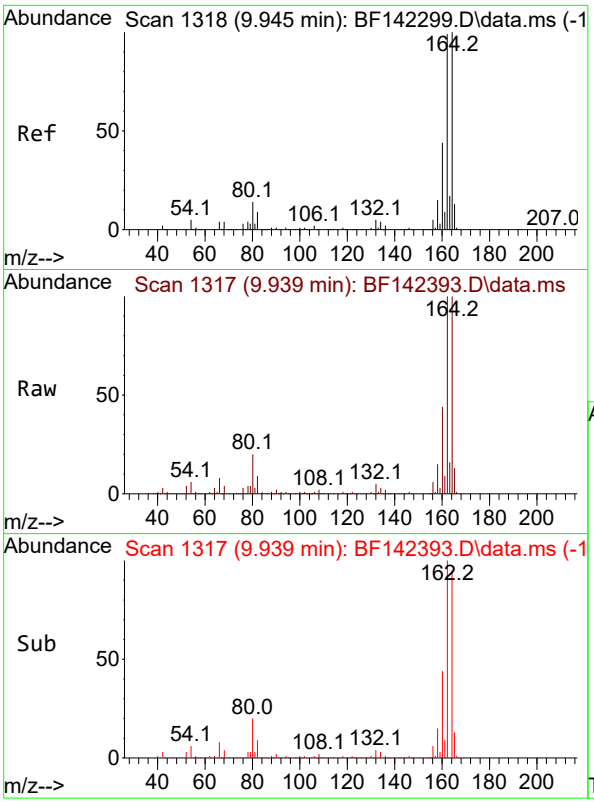


#38
1-Methylnaphthalene
Concen: 39.704 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:142 Resp: 776467

Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.5	108.7



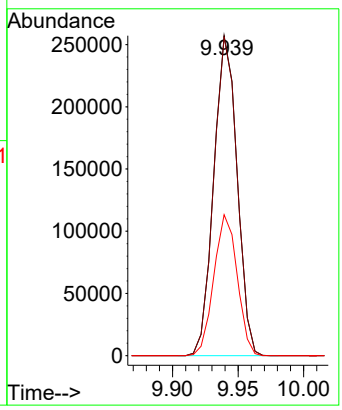


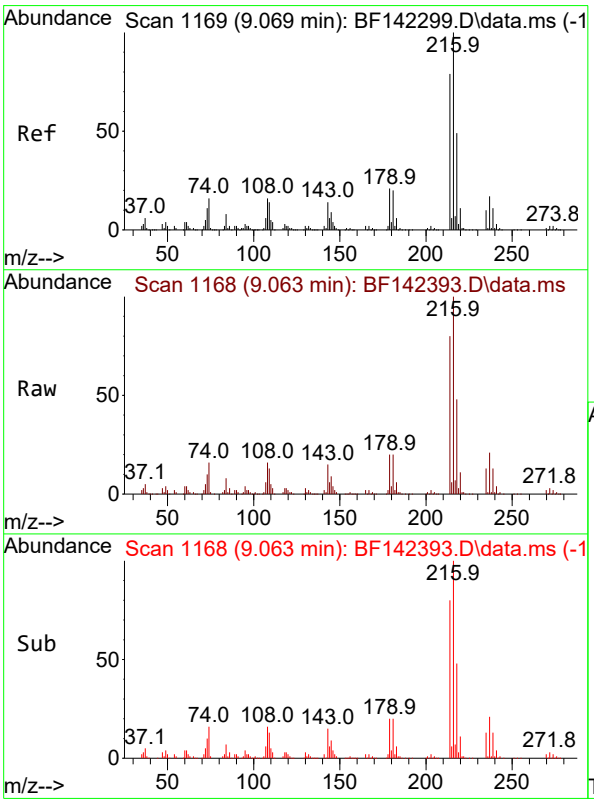
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 317544

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.2	118.8
160	44.1	35.3	52.9

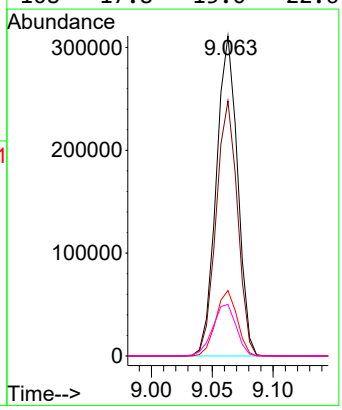


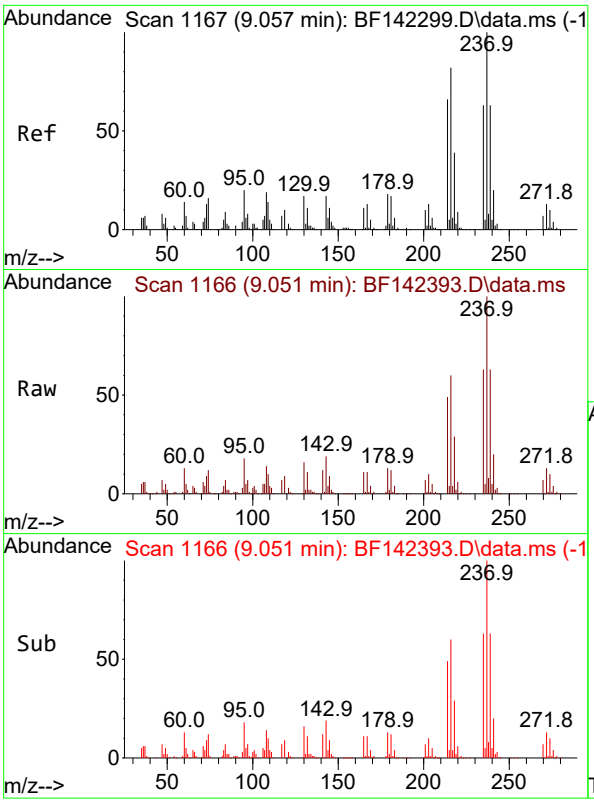


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.753 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:216 Resp: 379167

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.6
179	20.5	17.0	25.6
108	17.8	15.0	22.6



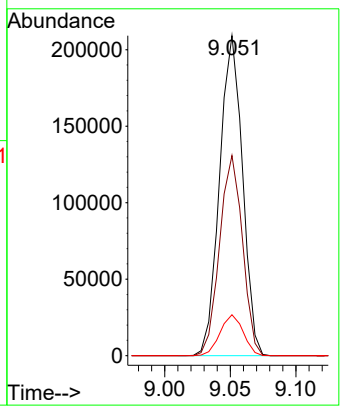


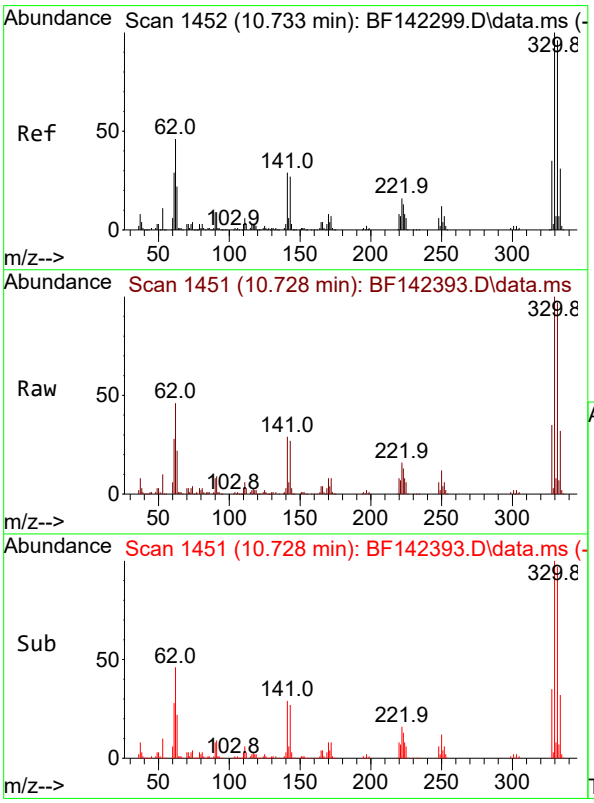
#41
Hexachlorocyclopentadiene
Concen: 46.384 ng
RT: 9.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 254231

Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.8	82.8
272	12.8	0.0	33.0

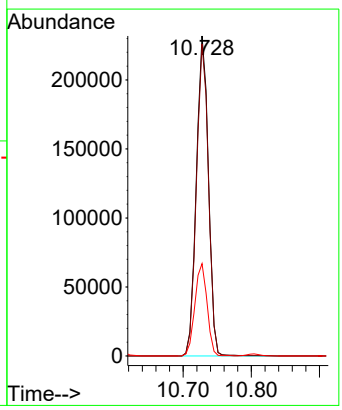


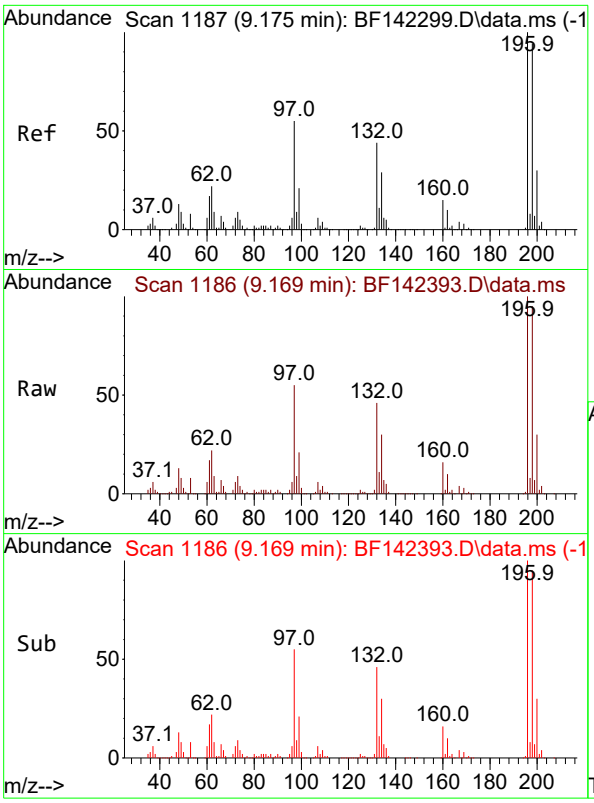


#42
2,4,6-Tribromophenol
Concen: 92.751 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:330 Resp: 284360

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.8	115.2
141	29.1	24.9	37.3



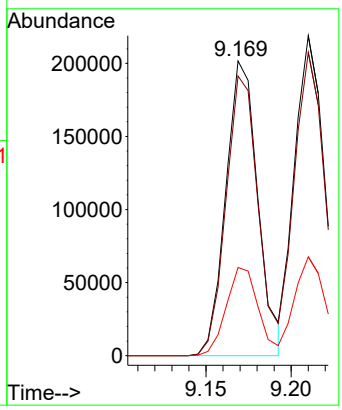


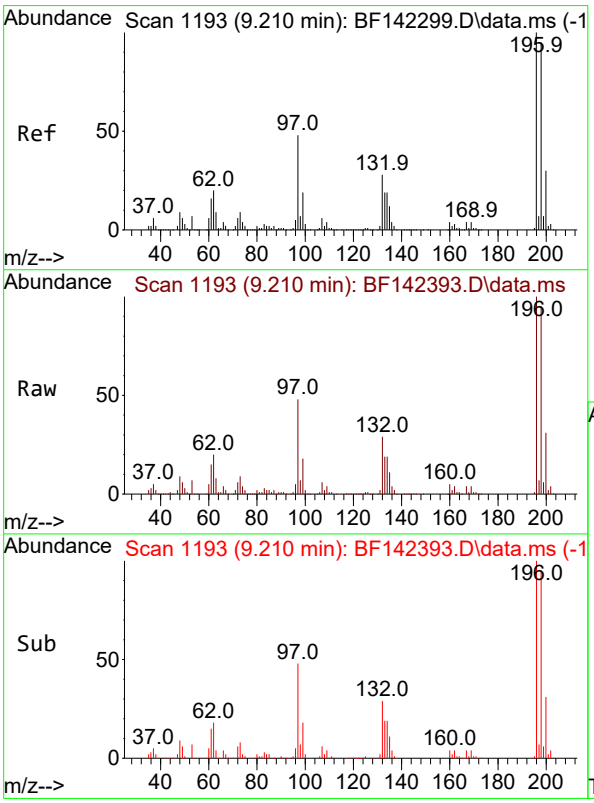
#43
2,4,6-Trichlorophenol
Concen: 47.140 ng
RT: 9.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 263704

Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.4	113.0
200	29.9	24.3	36.5

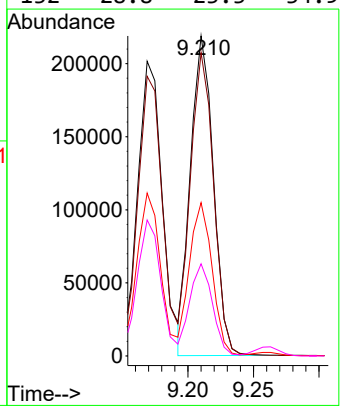


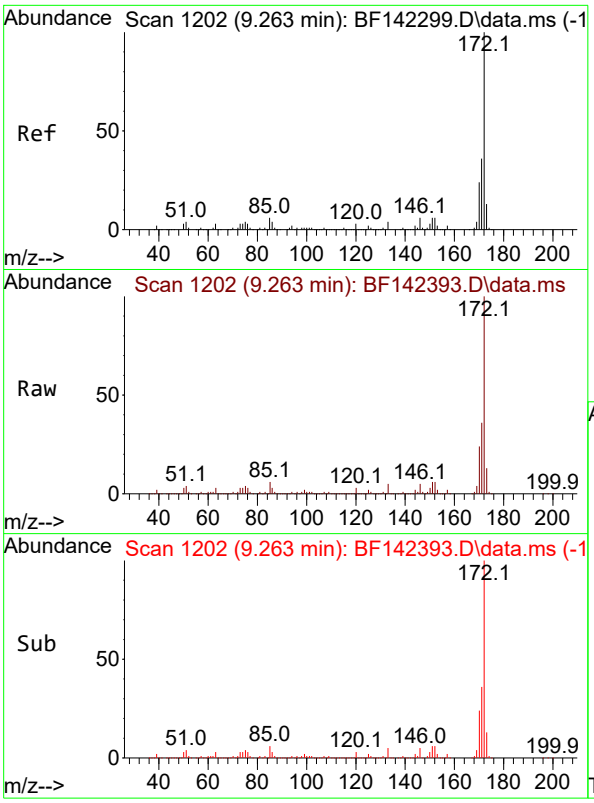


#44
2,4,5-Trichlorophenol
Concen: 44.766 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:196 Resp: 266454

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.1	114.1
97	47.9	39.0	58.4
132	28.8	23.3	34.9



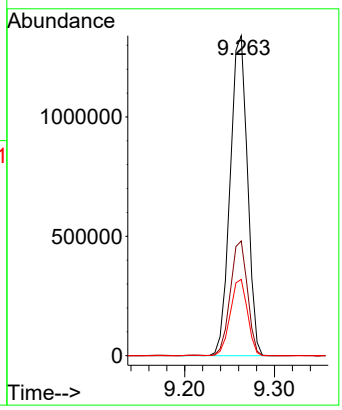


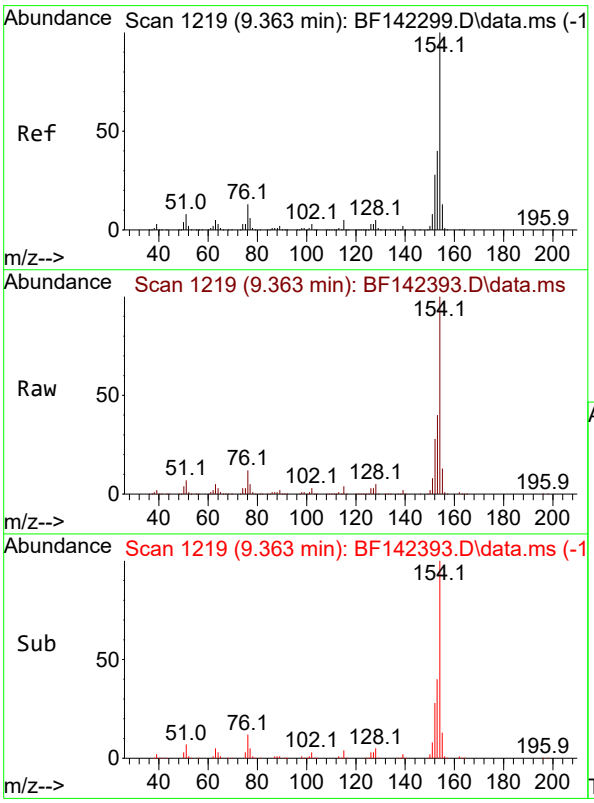
#45
2-Fluorobiphenyl
Concen: 80.470 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1792070

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.9	19.0	28.4

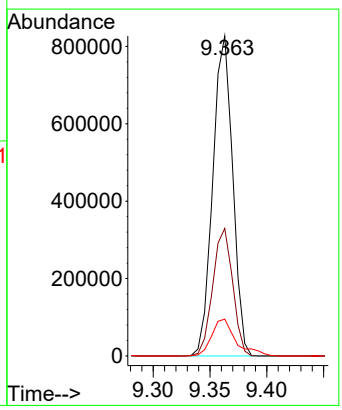


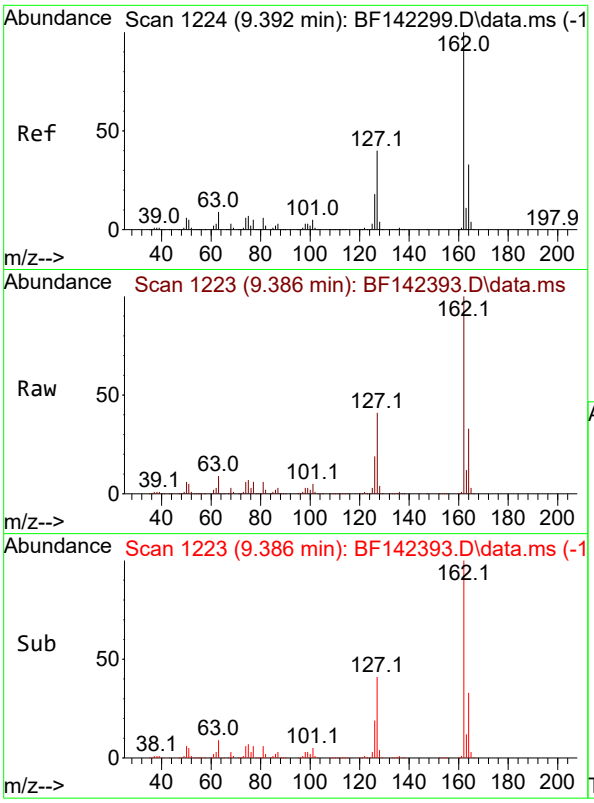


#46
1,1'-Biphenyl
Concen: 41.419 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:154 Resp: 1008454

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.5	60.5
76	11.5	0.0	32.8



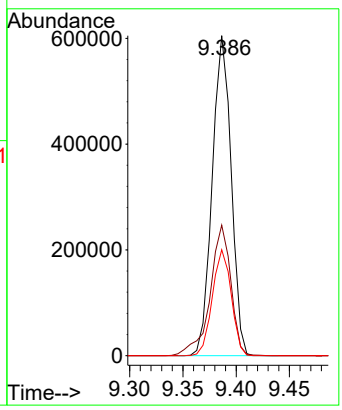


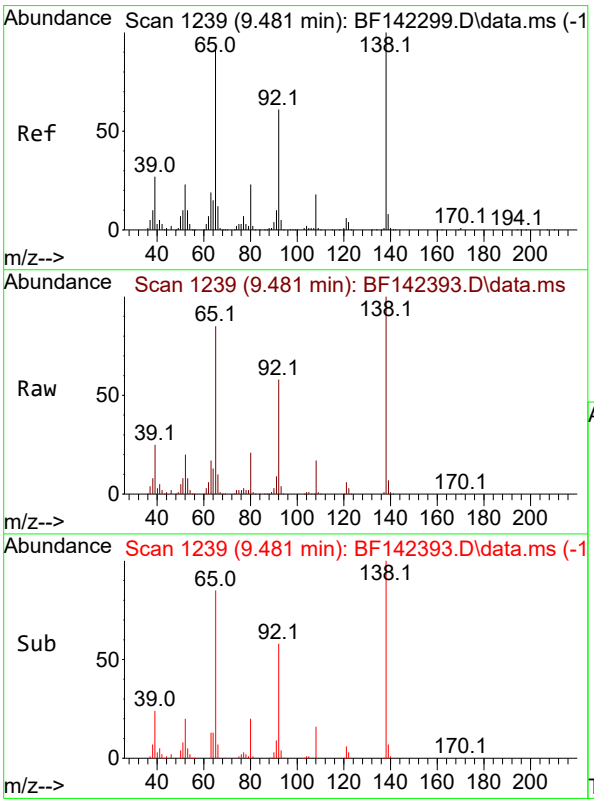
#47
2-Chloronaphthalene
Concen: 41.219 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 746336

Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.3	48.5
164	33.1	26.6	40.0

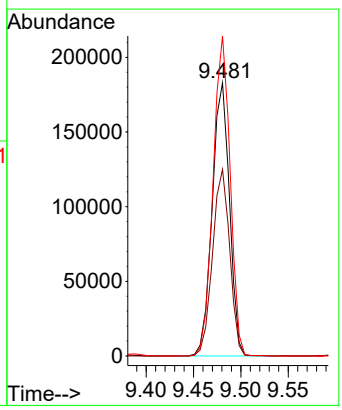


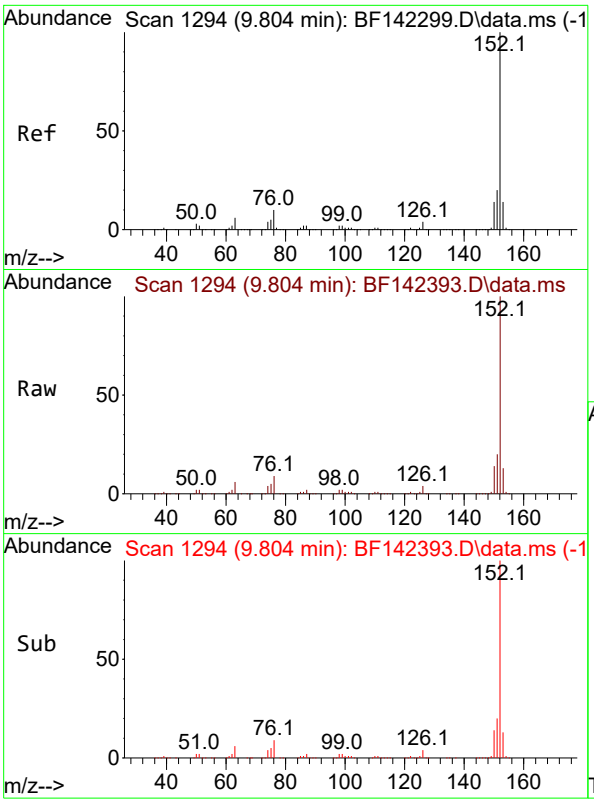


#48
2-Nitroaniline
Concen: 50.091 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion: 65 Resp: 232479

Ion	Ratio	Lower	Upper
65	100		
92	68.3	52.3	78.5
138	117.2	85.6	128.4



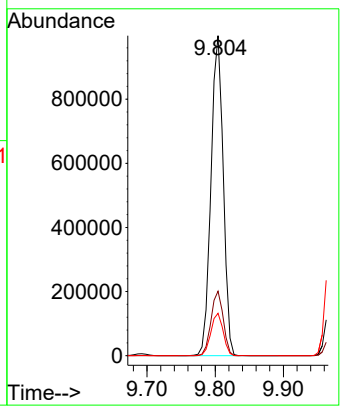


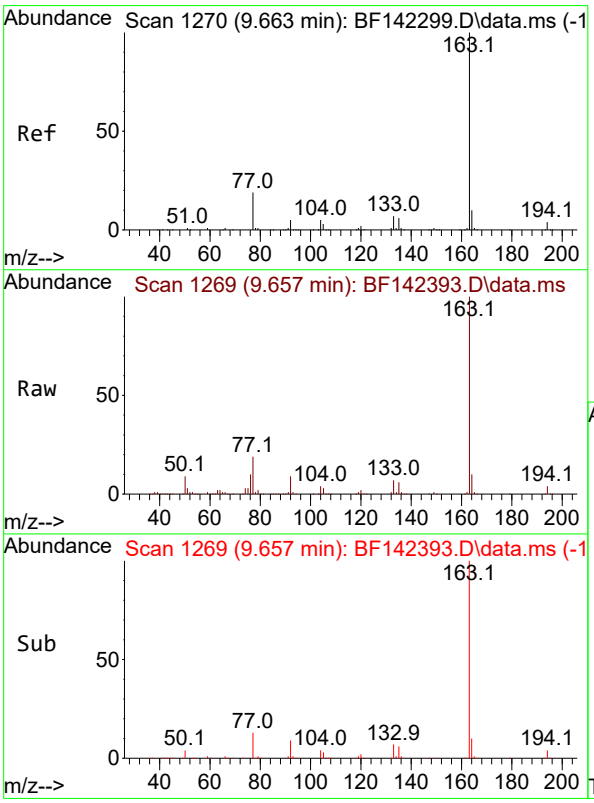
#49
Acenaphthylene
Concen: 41.172 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1247085

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.3	10.8	16.2

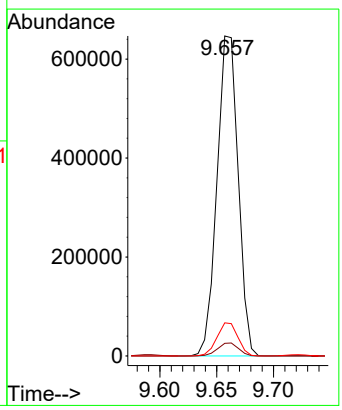


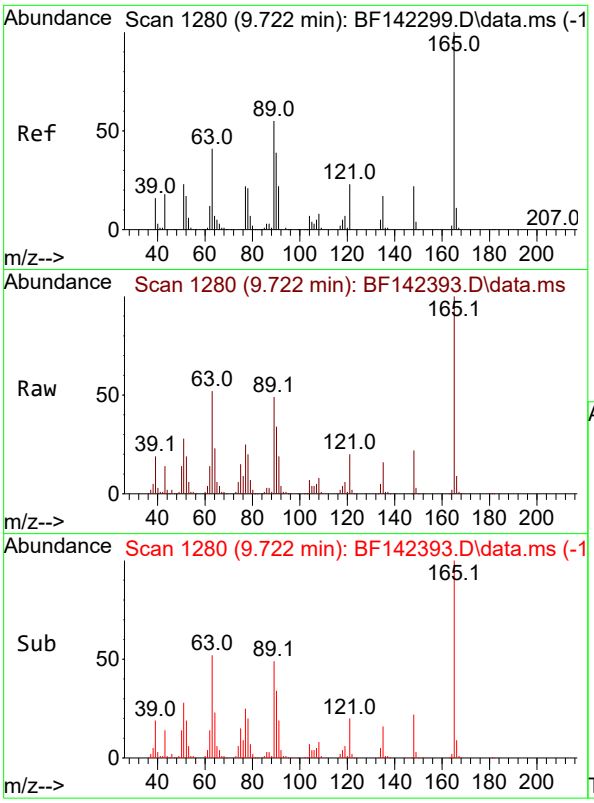


#50
Dimethylphthalate
Concen: 41.198 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:163 Resp: 840051

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	8.3	12.5



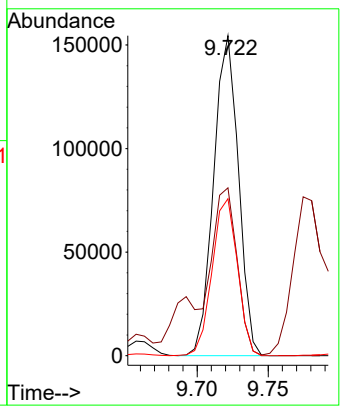


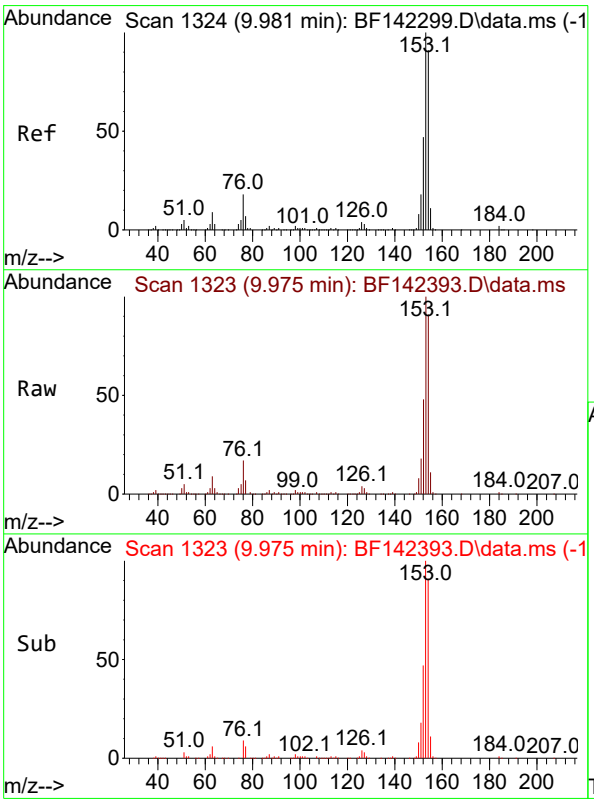
#51
2,6-Dinitrotoluene
Concen: 49.228 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 187890

Ion	Ratio	Lower	Upper
165	100		
63	52.5	49.5	74.3
89	49.0	44.6	66.8

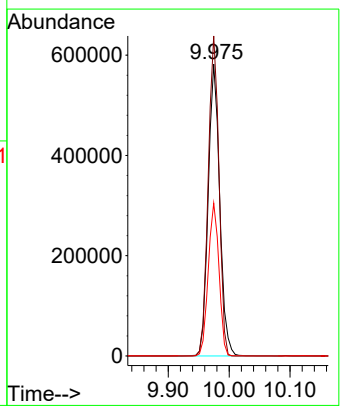


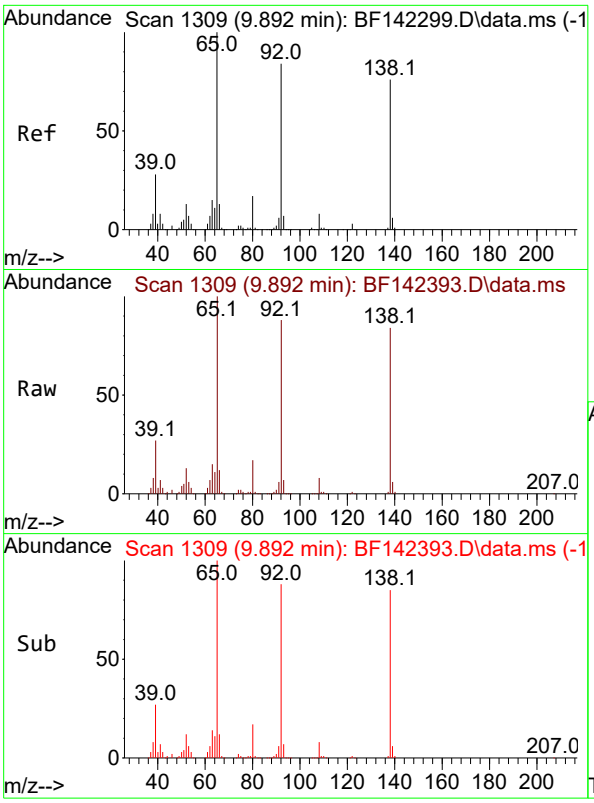


#52
Acenaphthene
Concen: 42.093 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:154 Resp: 766625

Ion	Ratio	Lower	Upper
154	100		
153	109.6	88.0	132.0
152	52.3	41.6	62.4



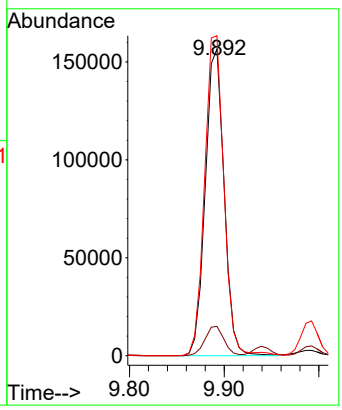


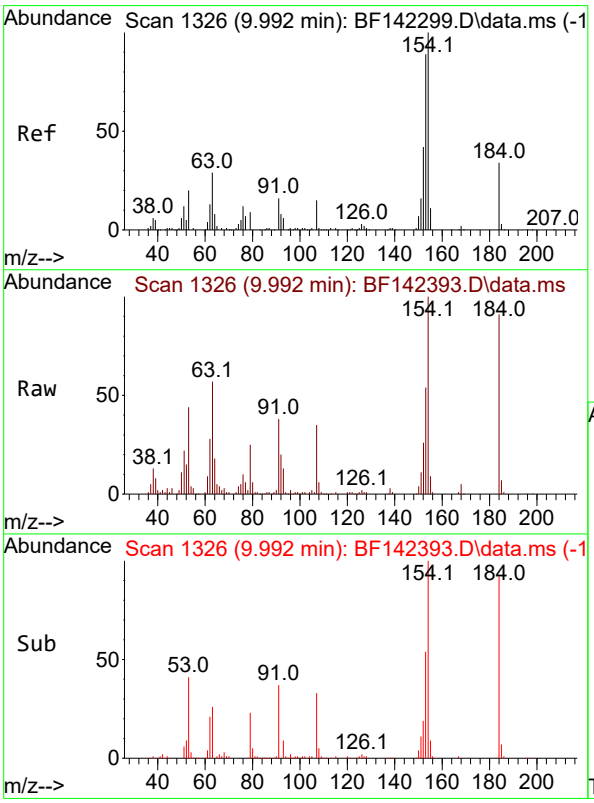
#53
3-Nitroaniline
Concen: 48.327 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 216325

Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.7	13.1
92	104.3	89.5	134.3

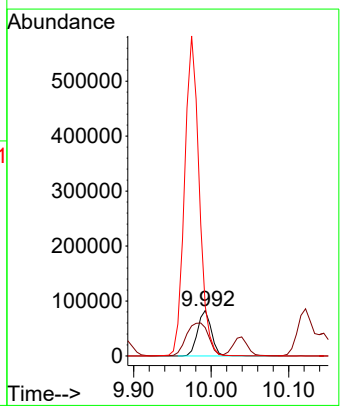


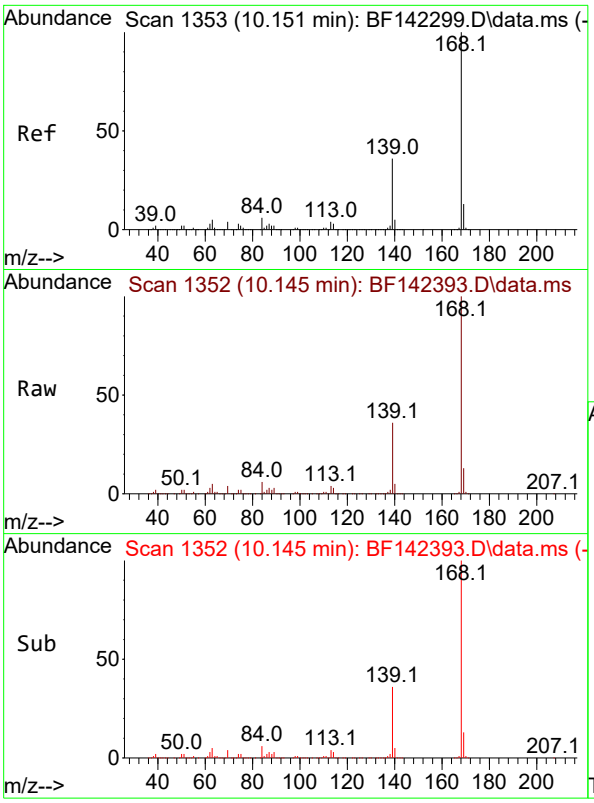


#54
2,4-Dinitrophenol
Concen: 53.899 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:184 Resp: 102104

Ion	Ratio	Lower	Upper
184	100		
63	62.4	70.6	105.8#
154	109.4	257.2	385.8#



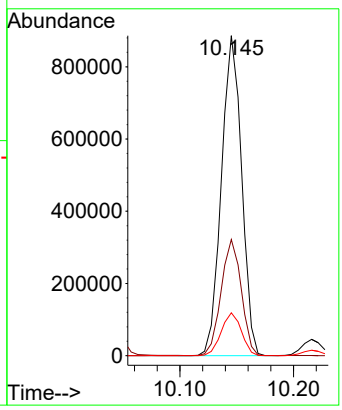


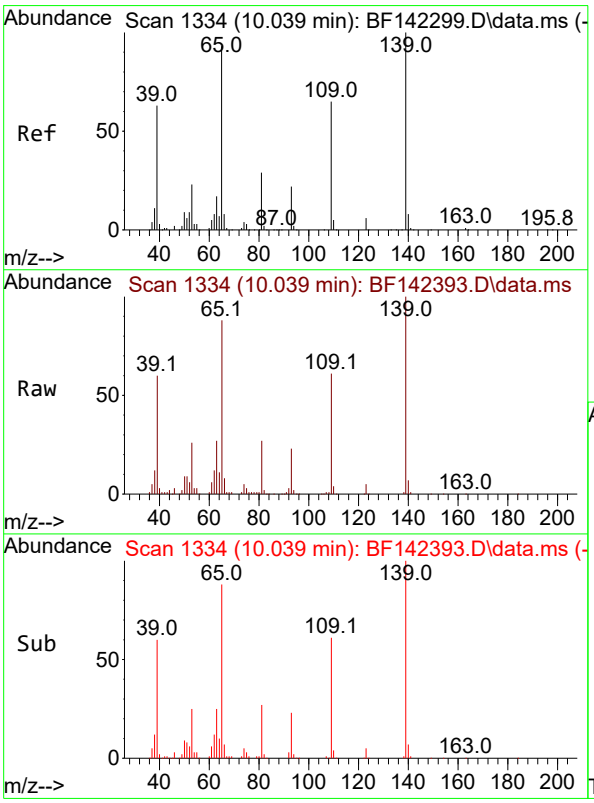
#55
Dibenzofuran
Concen: 40.785 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1096260

Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.0	43.4
169	13.4	10.7	16.1

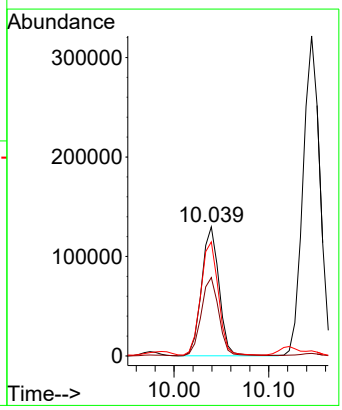


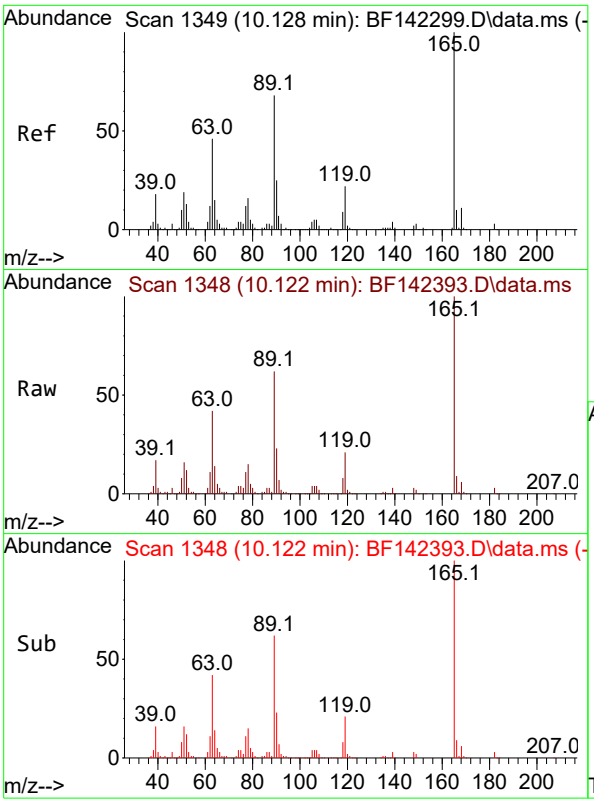


#56
4-Nitrophenol
Concen: 49.427 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:139 Resp: 166517

Ion	Ratio	Lower	Upper
139	100		
109	60.8	45.3	85.3
65	88.4	73.9	113.9



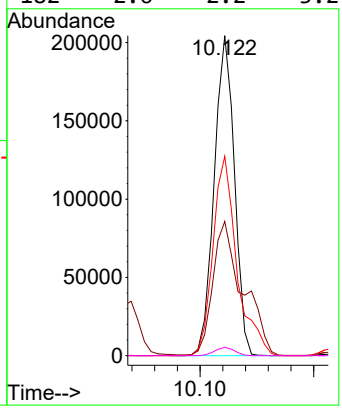


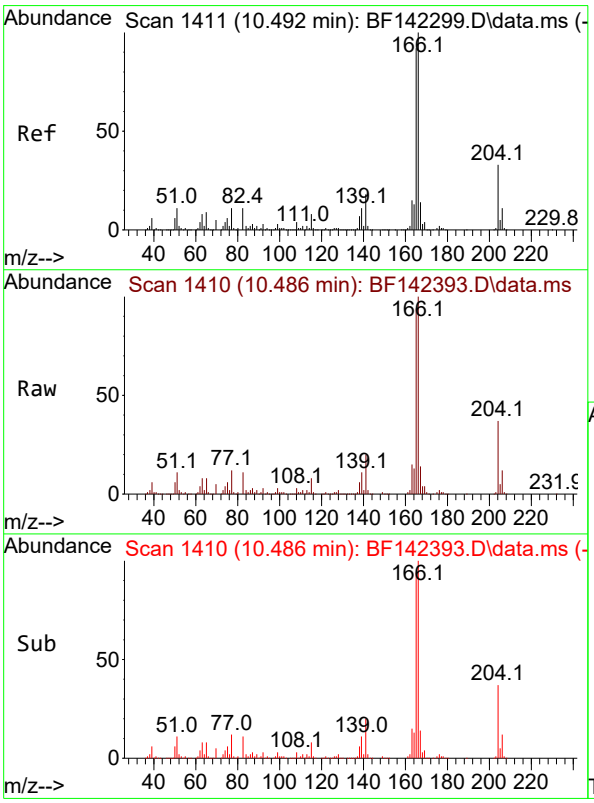
#57
2,4-Dinitrotoluene
Concen: 51.661 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 252920

Ion	Ratio	Lower	Upper
165	100		
63	42.0	37.1	55.7
89	62.3	54.4	81.6
182	2.6	2.2	3.2

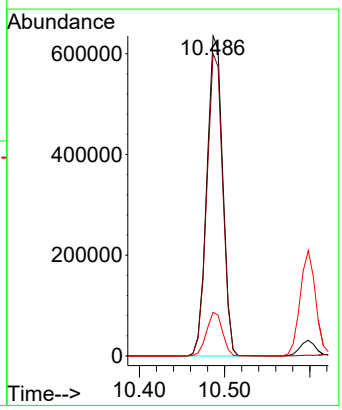


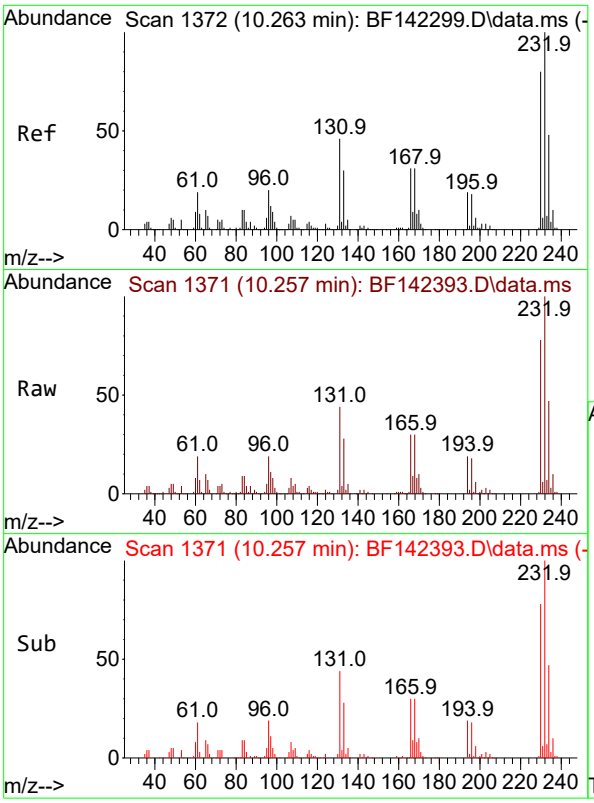


#58
Fluorene
Concen: 39.977 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:166 Resp: 820037

Ion	Ratio	Lower	Upper
166	100		
165	94.4	74.0	111.0
167	13.7	10.9	16.3



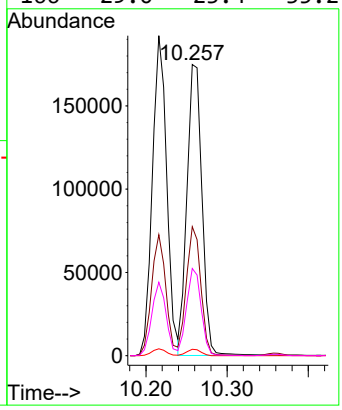


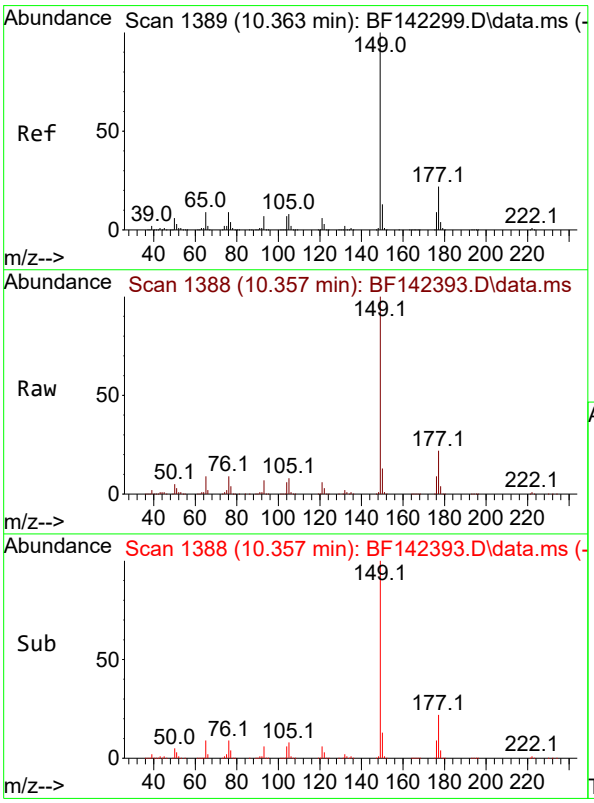
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.761 ng
RT: 10.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 224852

Ion	Ratio	Lower	Upper
232	100		
131	42.6	36.0	54.0
130	2.1	1.8	2.6
166	29.0	23.4	35.2

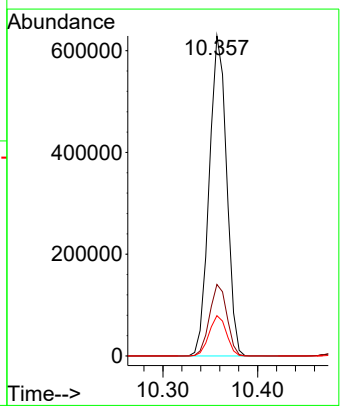


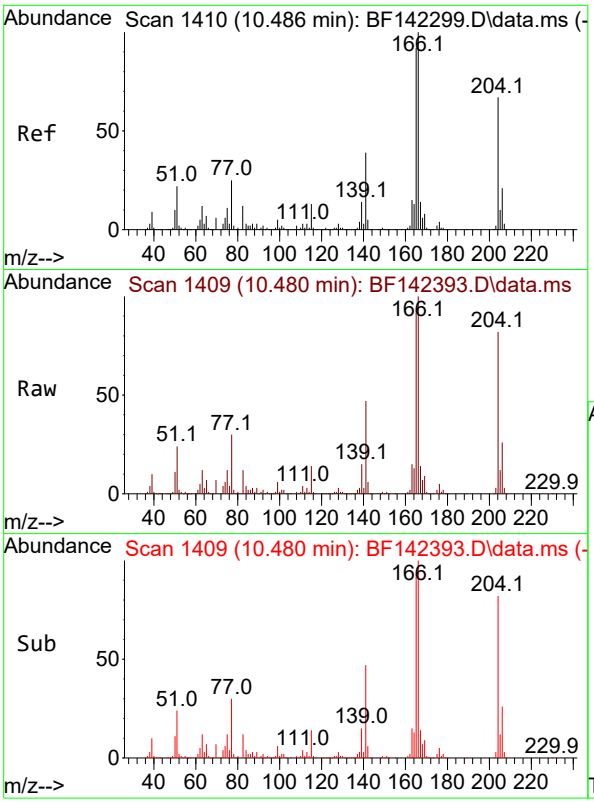


#60
Diethylphthalate
Concen: 39.339 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:149 Resp: 801067

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.6	26.4
150	12.6	10.1	15.1



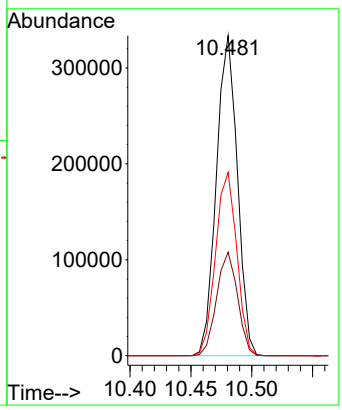


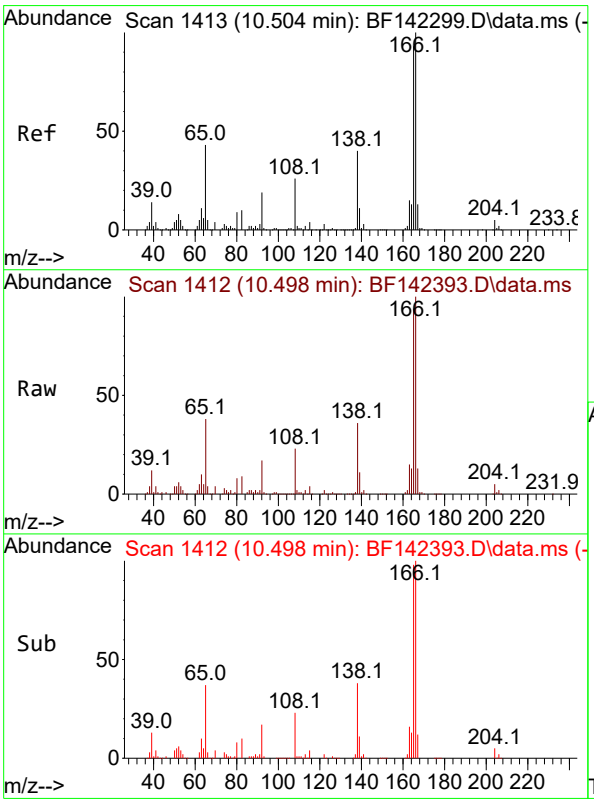
#61
4-Chlorophenyl-phenylether
Concen: 40.543 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 401230

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.5	38.3
141	57.3	46.4	69.6

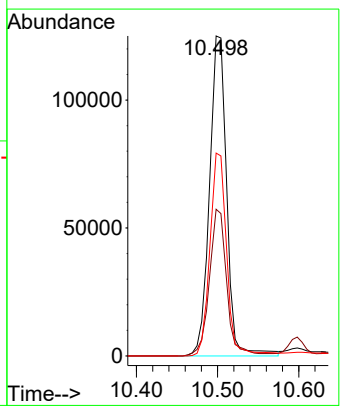


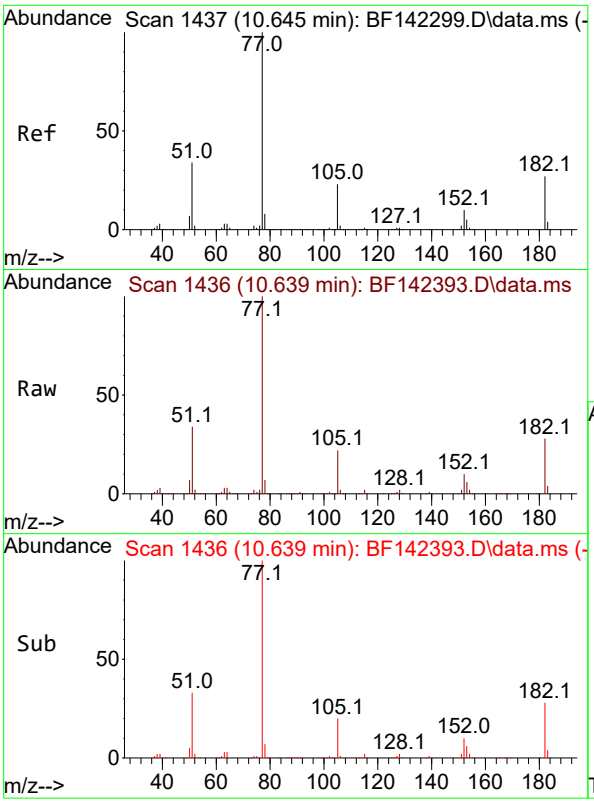


#62
4-Nitroaniline
Concen: 51.743 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:138 Resp: 183571

Ion	Ratio	Lower	Upper
138	100		
92	45.9	27.3	67.3
108	63.4	45.1	85.1



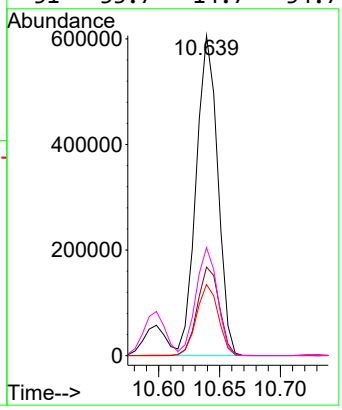


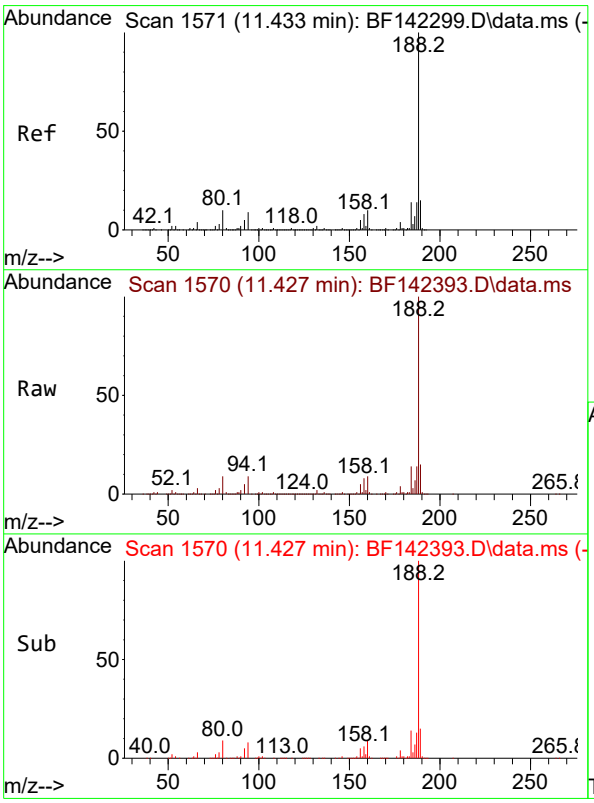
#63
Azobenzene
Concen: 38.234 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 743979

Ion	Ratio	Lower	Upper
77	100		
182	27.7	6.9	46.9
105	22.2	2.7	42.7
51	33.7	14.7	54.7

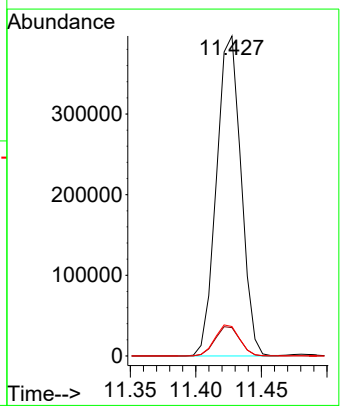


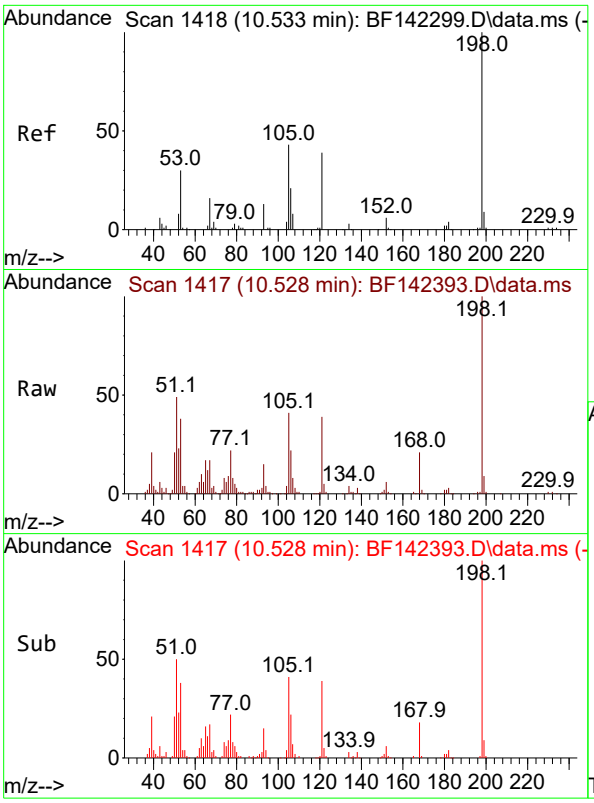


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:188 Resp: 516450

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.5	11.3
80	9.2	7.9	11.9



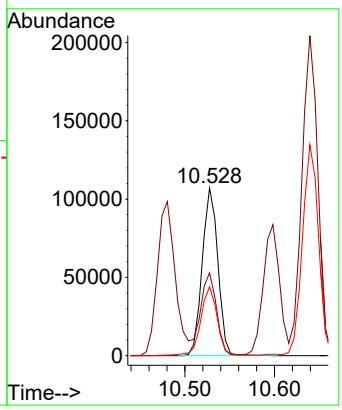


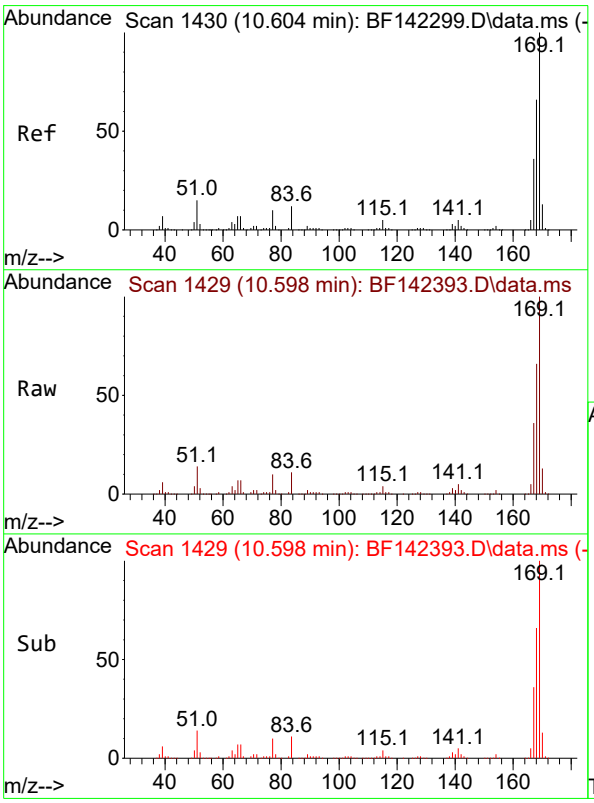
#65
4,6-Dinitro-2-methylphenol
Concen: 52.989 ng
RT: 10.528 min Scan# 14
Delta R.T. -0.005 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 129683

Ion	Ratio	Lower	Upper
198	100		
51	49.5	32.9	72.9
105	41.1	23.7	63.7

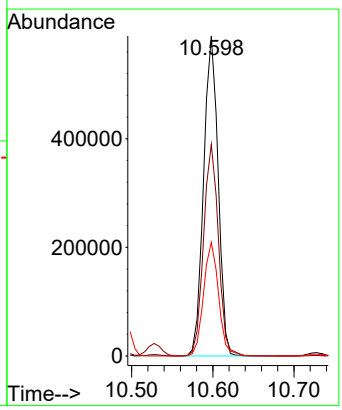


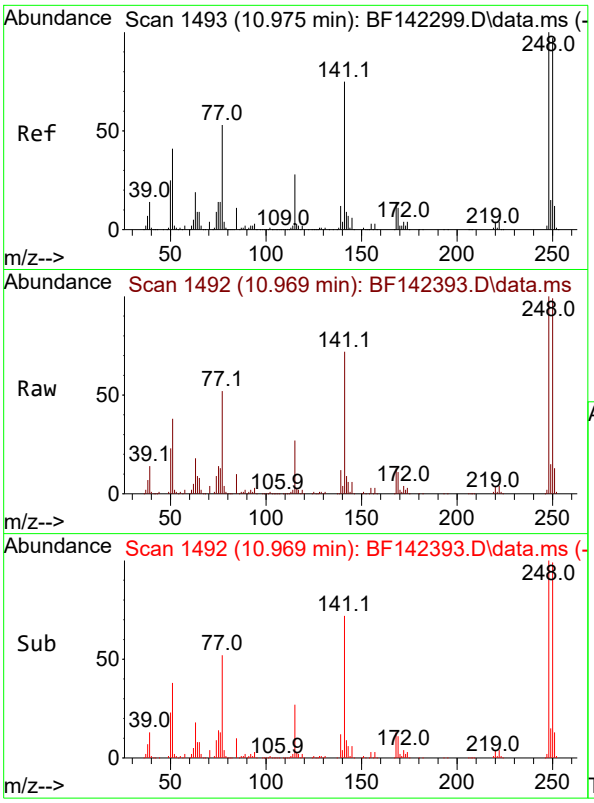


#66
n-Nitrosodiphenylamine
Concen: 42.504 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:169 Resp: 730456

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.2	79.8
167	35.5	28.9	43.3



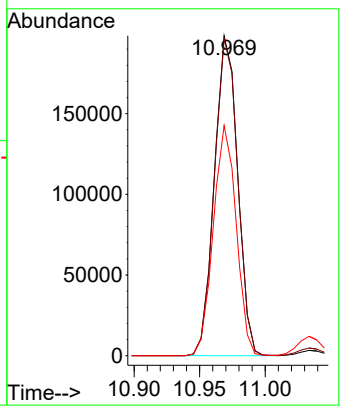


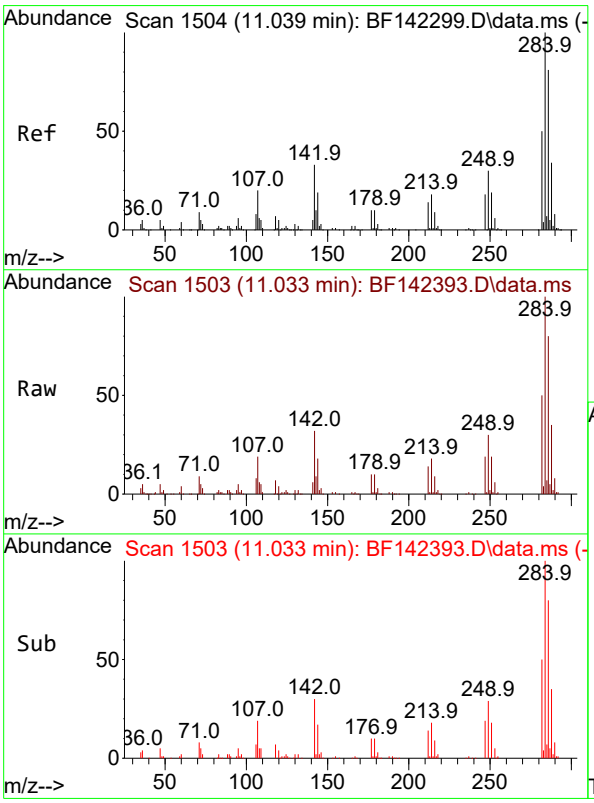
#67
4-Bromophenyl-phenylether
Concen: 41.779 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 244539

Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.9	116.9
141	71.9	59.8	89.8

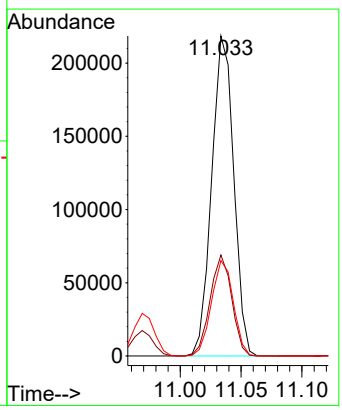


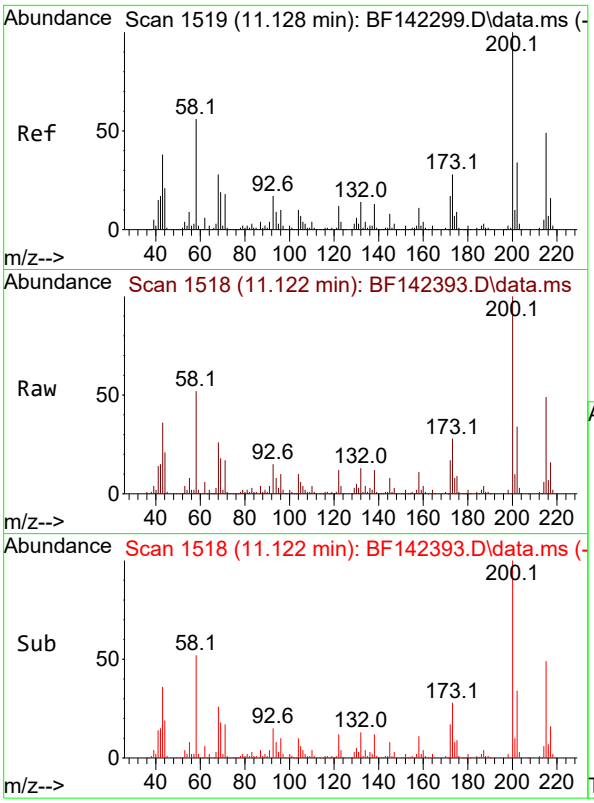


#68
Hexachlorobenzene
Concen: 42.682 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:284 Resp: 274798

Ion	Ratio	Lower	Upper
284	100		
142	31.5	26.6	39.8
249	29.8	24.1	36.1



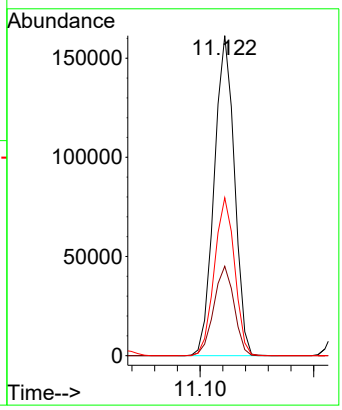


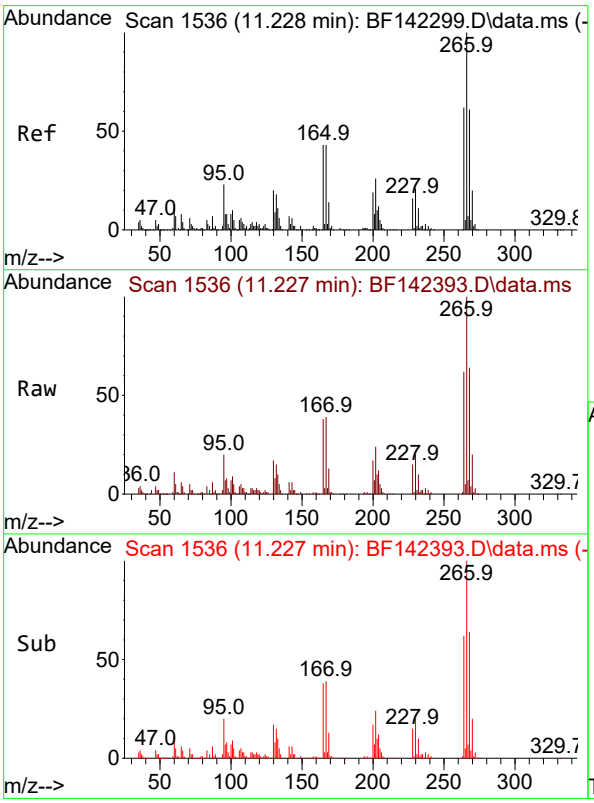
#69
Atrazine
Concen: 44.061 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 199603

Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.1	48.1
215	49.4	28.8	68.8

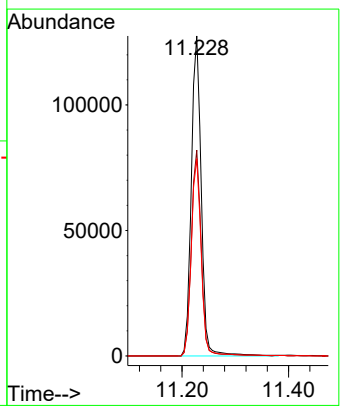


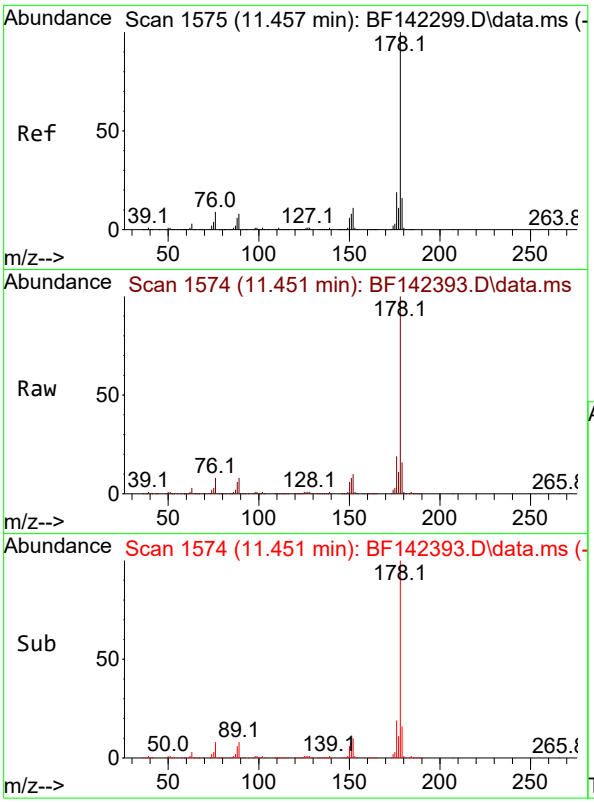


#70
Pentachlorophenol
Concen: 48.948 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:266 Resp: 165787

Ion	Ratio	Lower	Upper
266	100		
268	64.4	48.7	73.1
264	61.6	49.8	74.6



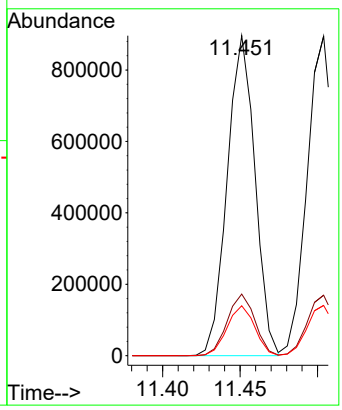


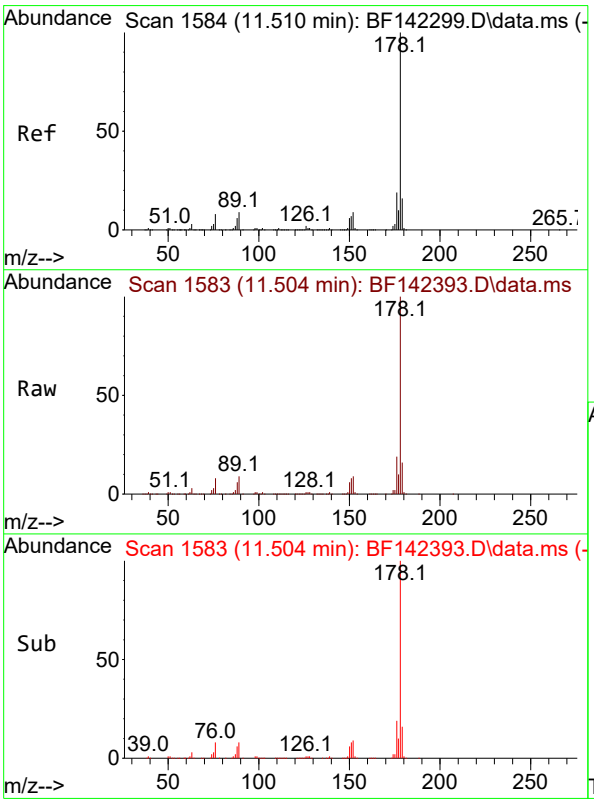
#71
Phenanthrene
Concen: 41.209 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1115558

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.6	12.6	18.8

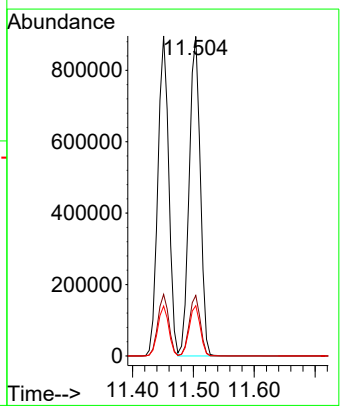


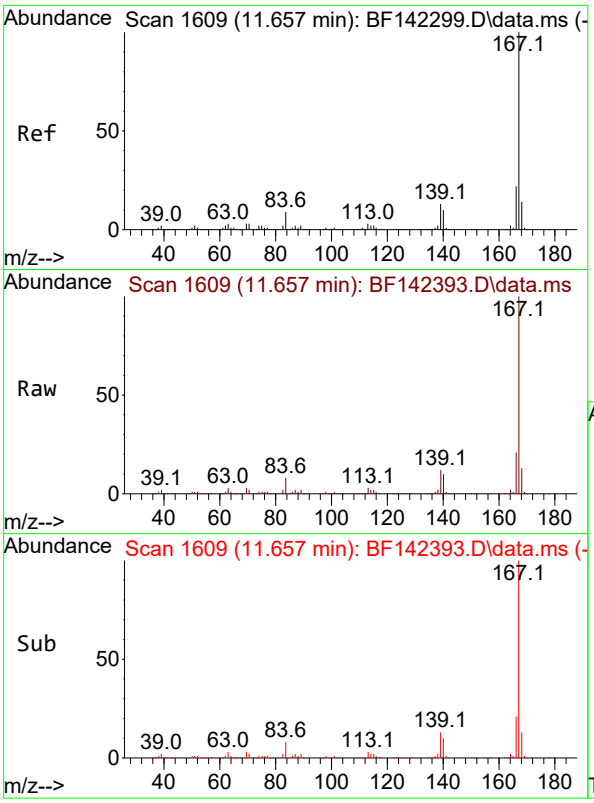


#72
Anthracene
Concen: 40.726 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:178 Resp: 1132817

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.7	12.6	18.8



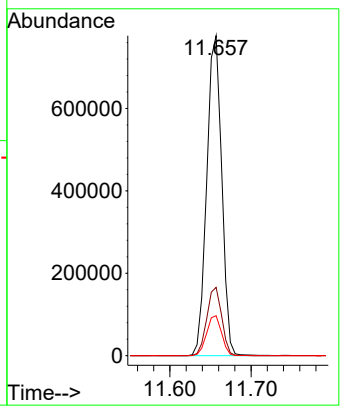


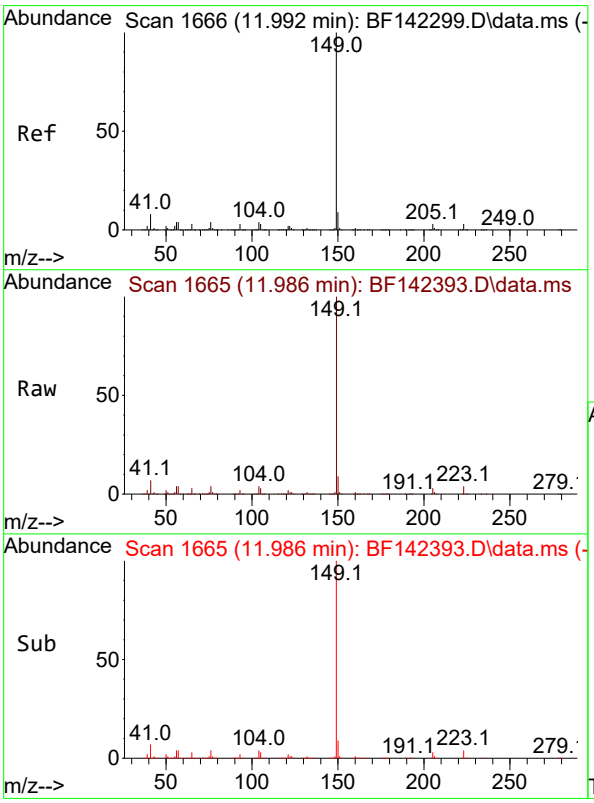
#73
Carbazole
Concen: 39.764 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 992323

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.5	10.3	15.5

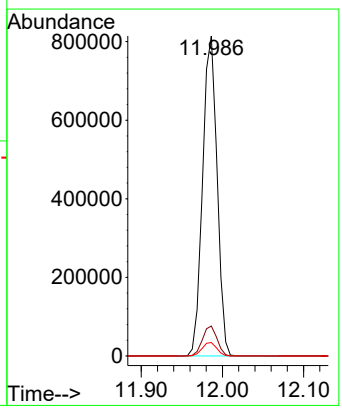


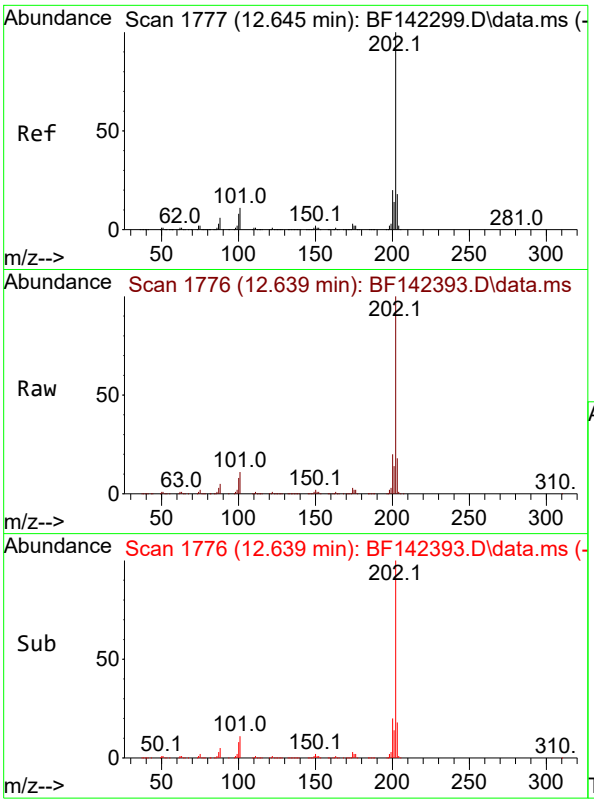


#74
Di-n-butylphthalate
Concen: 38.341 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:149 Resp: 1006116

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.2	3.6	5.4



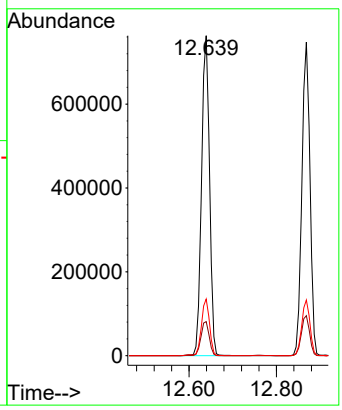


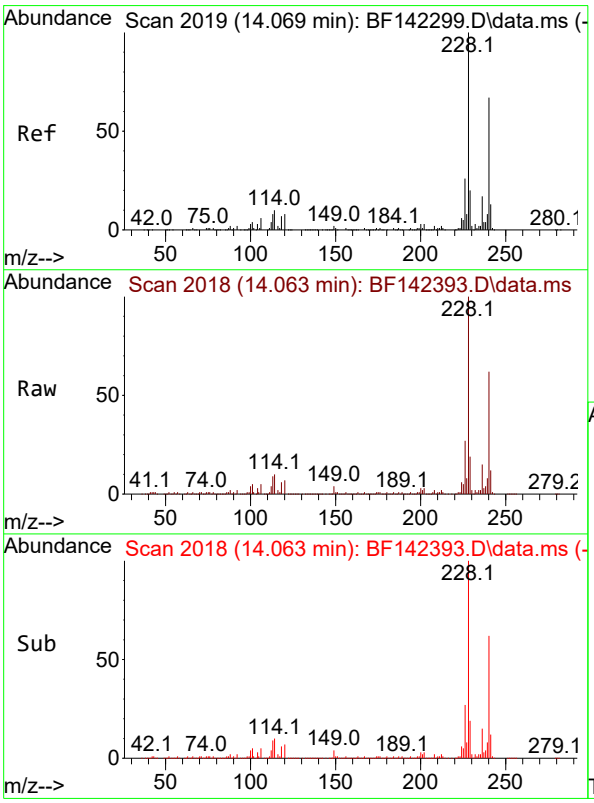
#75
Fluoranthene
Concen: 35.991 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 973939

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.7	0.0	37.9

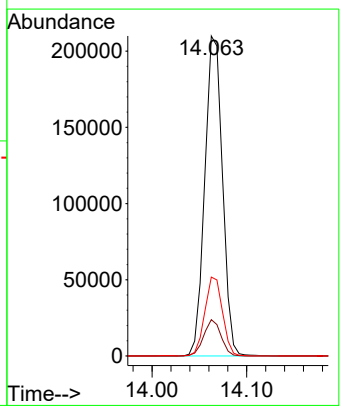


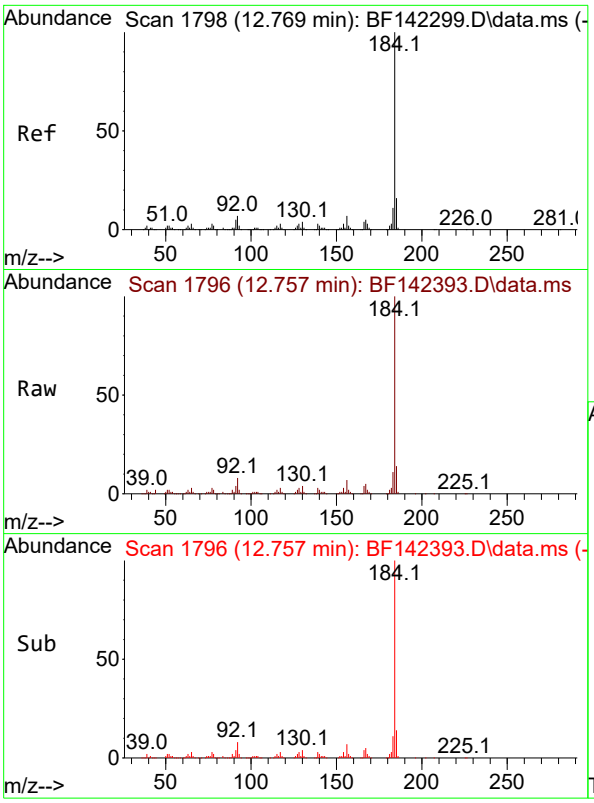


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:240 Resp: 271993

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.7	14.5
236	24.6	20.0	30.0



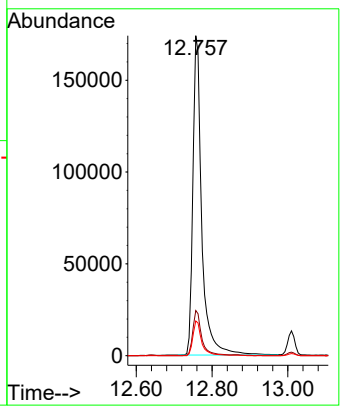


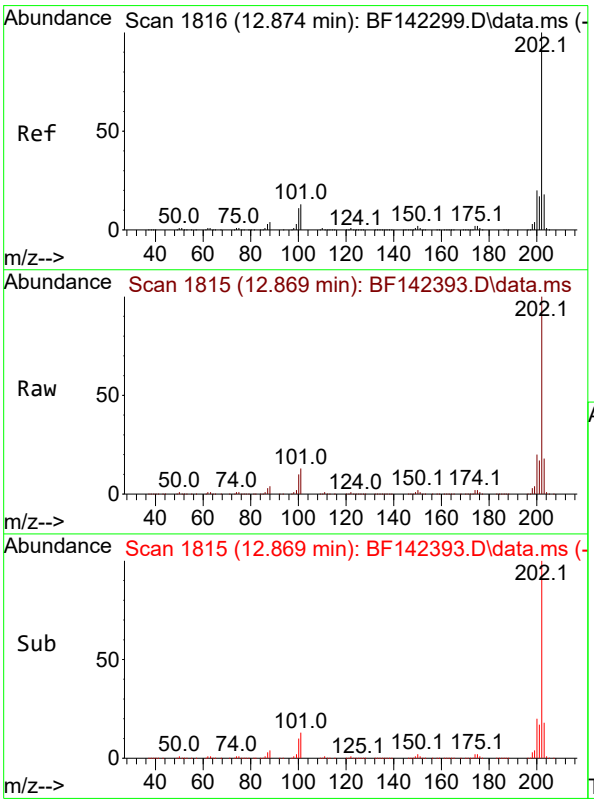
#77
Benzidine
Concen: 57.977 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 286571

Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.6	18.8
183	10.9	8.6	12.8

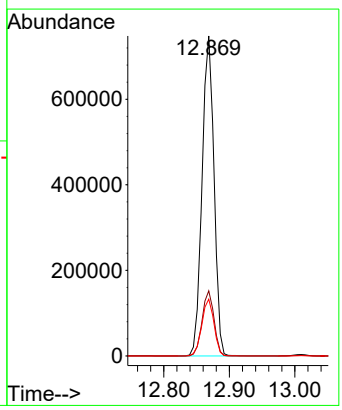


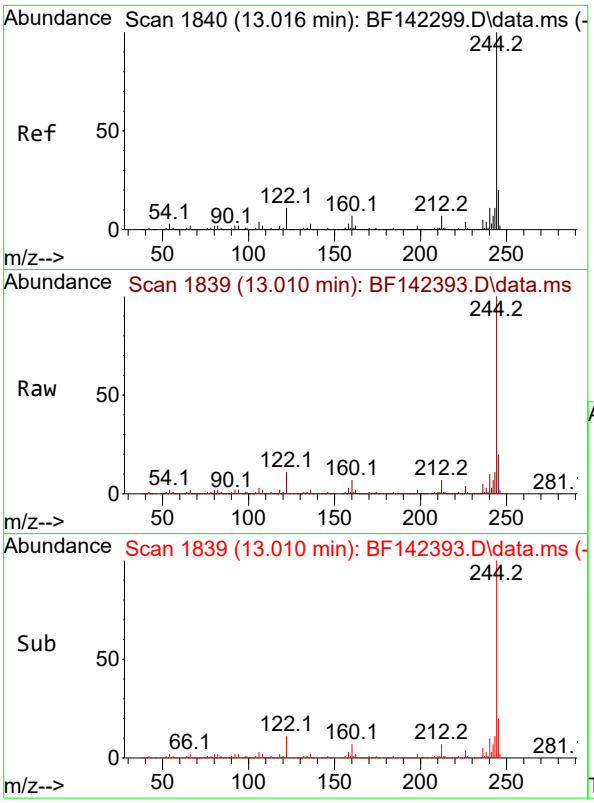


#78
Pyrene
Concen: 39.287 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:202 Resp: 951146

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.7	14.3	21.5



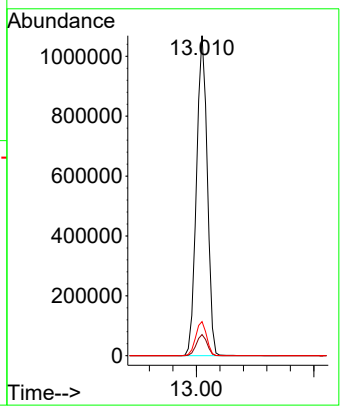


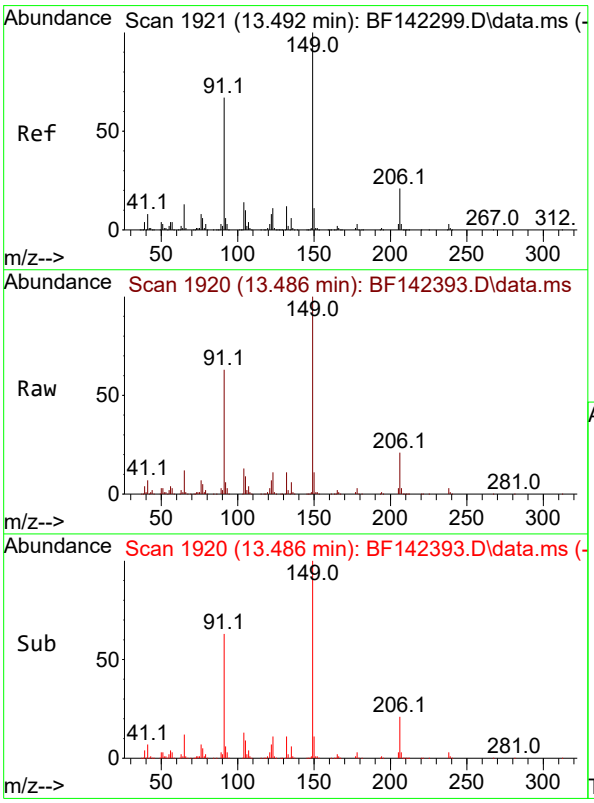
#79
Terphenyl-d14
Concen: 74.094 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1361597

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.7	9.0	13.4

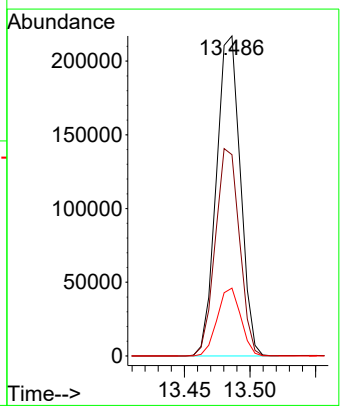


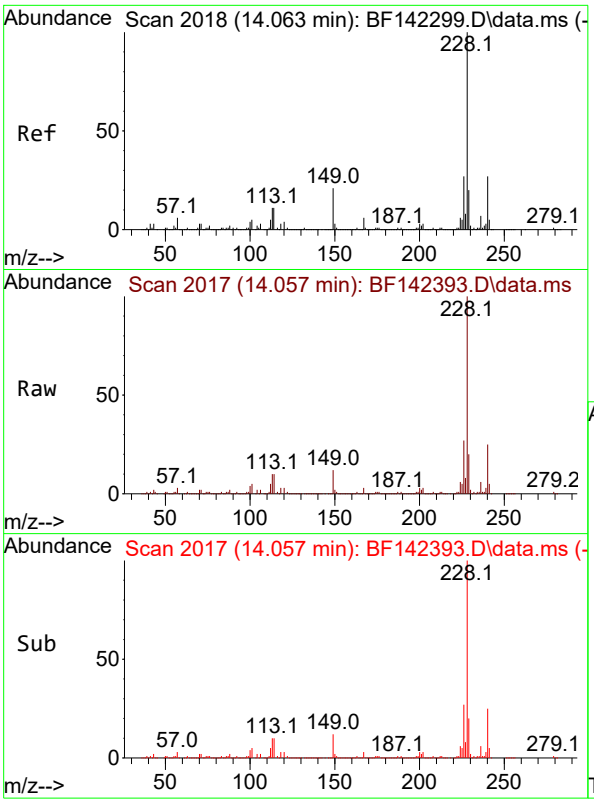


#80
Butylbenzylphthalate
Concen: 39.733 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:149 Resp: 275909

Ion	Ratio	Lower	Upper
149	100		
91	62.9	53.8	80.6
206	21.2	16.6	24.8



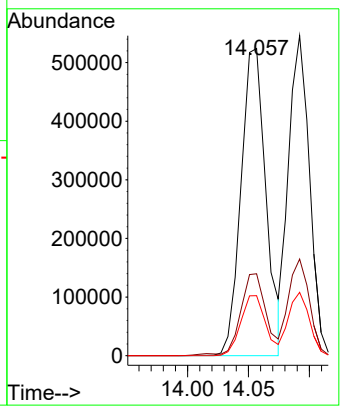


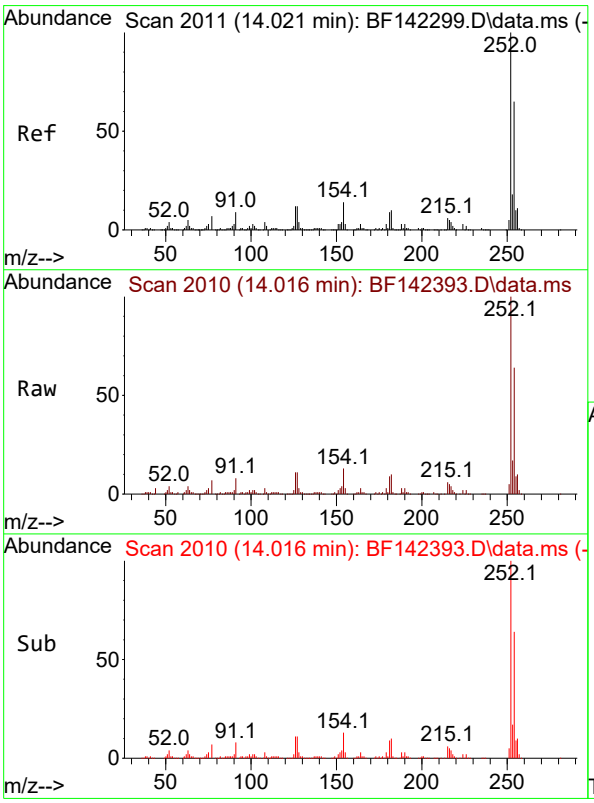
#81
Benzo(a)anthracene
Concen: 42.508 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 748759

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.5	32.3
229	19.5	15.9	23.9

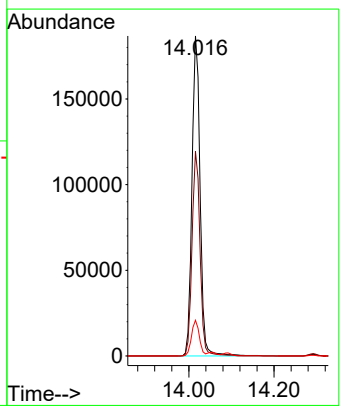


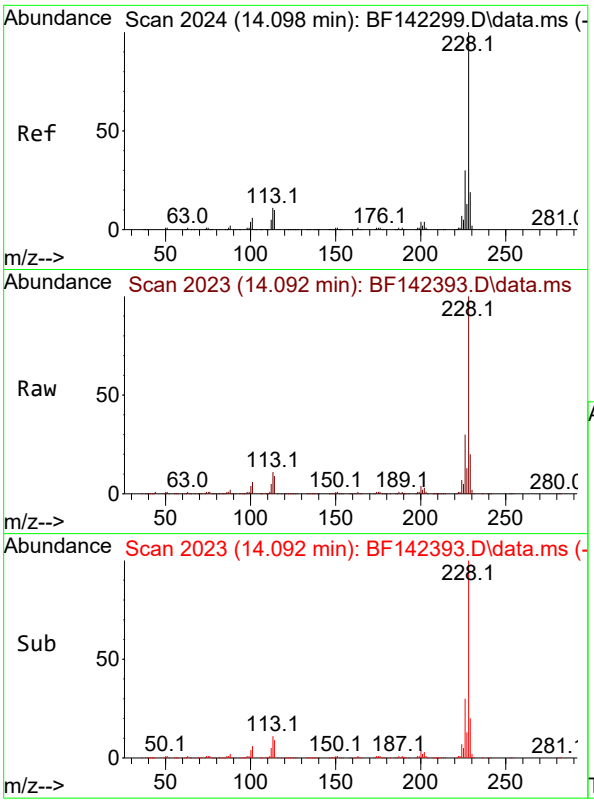


#82
3,3'-Dichlorobenzidine
Concen: 60.226 ng
RT: 14.016 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:252 Resp: 246699

Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.0	78.0
126	11.2	9.7	14.5



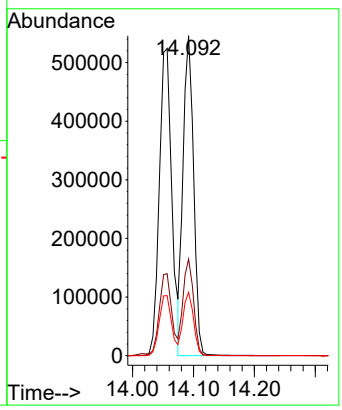


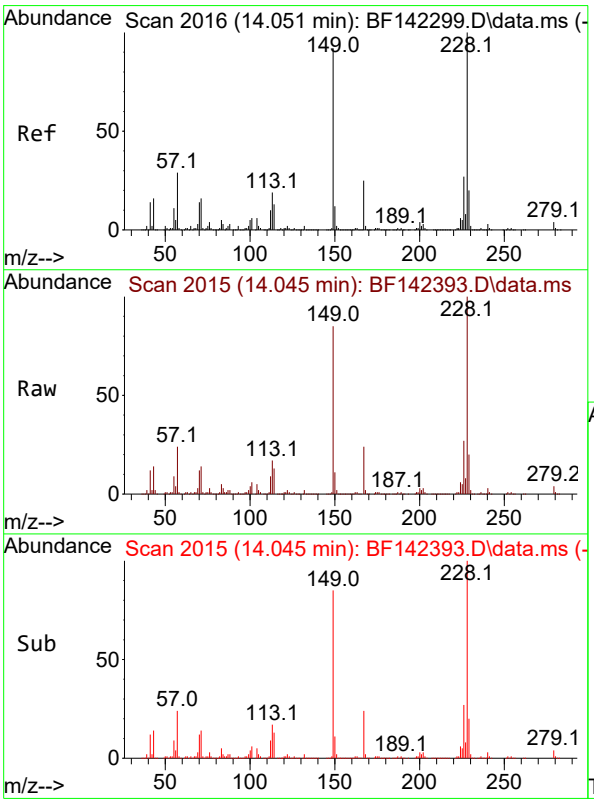
#83
Chrysene
Concen: 40.078 ng
RT: 14.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 657195

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.8	15.4	23.2

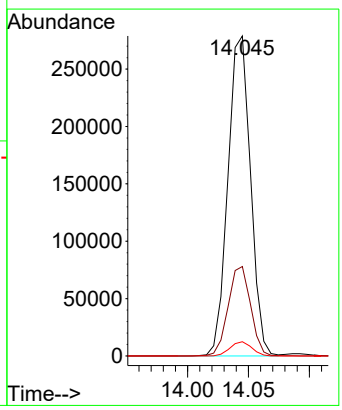


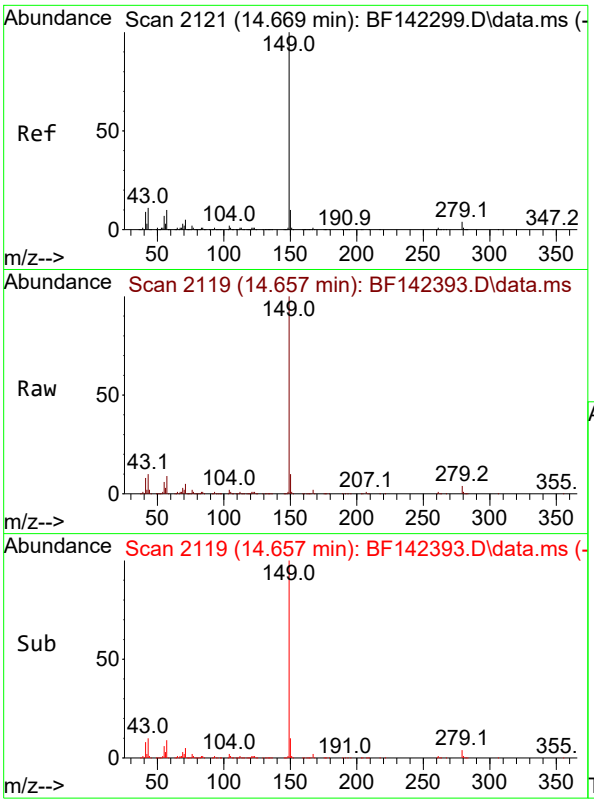


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.920 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:149 Resp: 360103

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.0	33.0
279	4.5	3.0	4.6



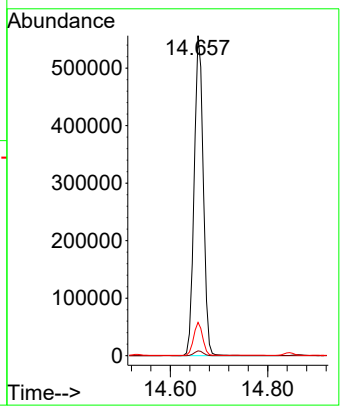


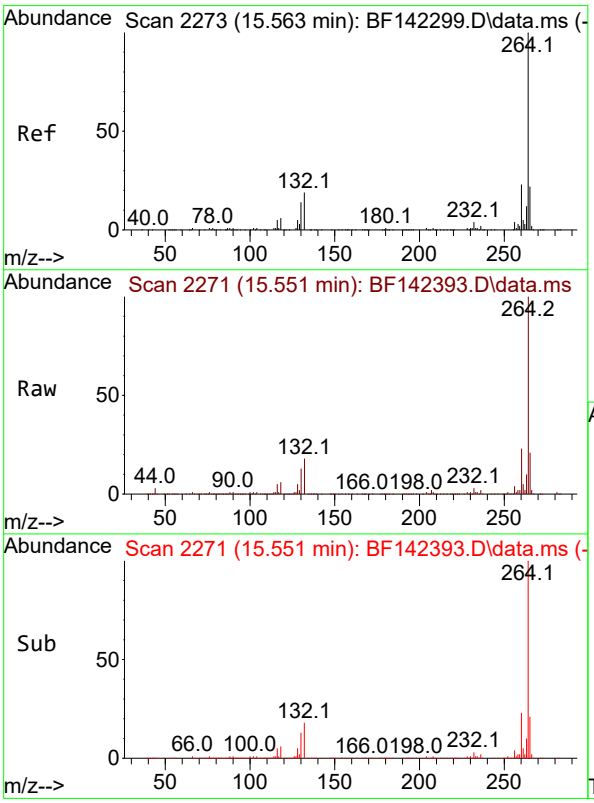
#85
Di-n-octyl phthalate
Concen: 44.523 ng
RT: 14.657 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 727339

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.2	9.2	13.8

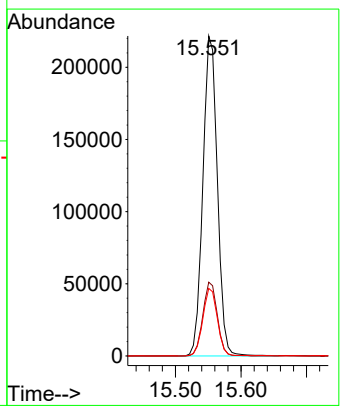


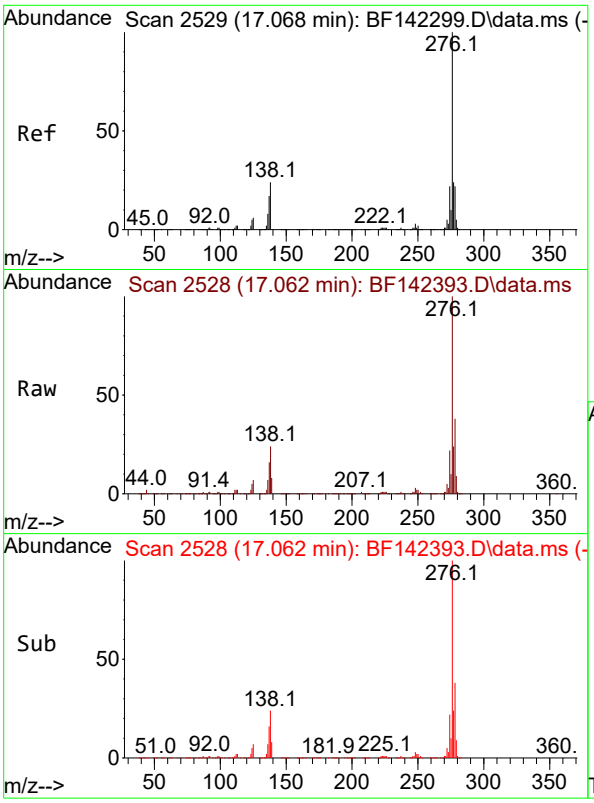


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:264 Resp: 340967

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.1	17.5	26.3



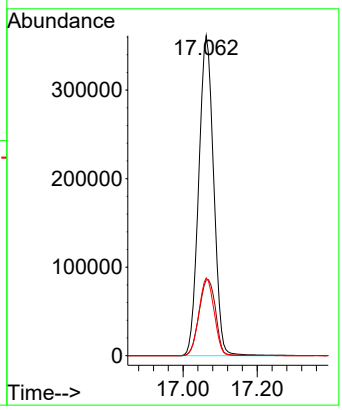


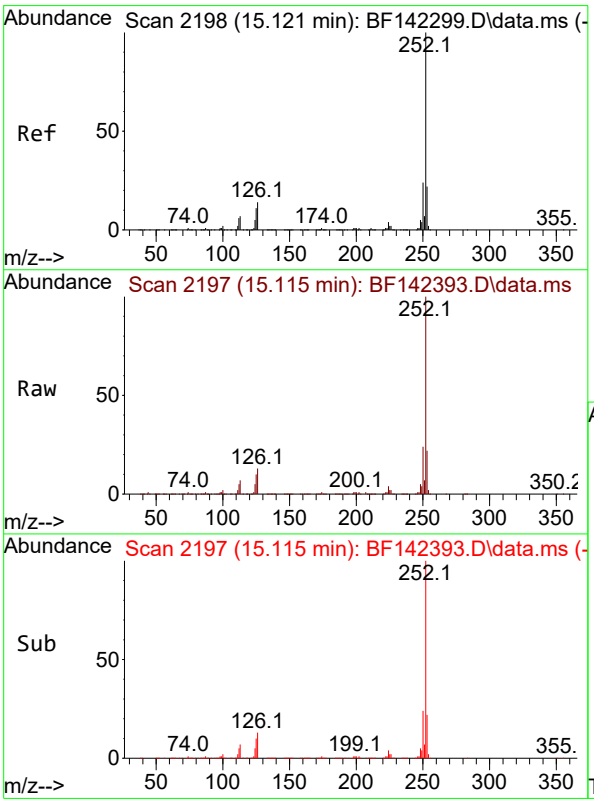
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.582 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 1009986

Ion	Ratio	Lower	Upper
276	100		
138	26.3	22.0	33.0
277	24.9	20.1	30.1

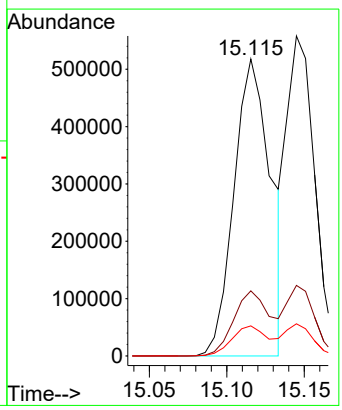


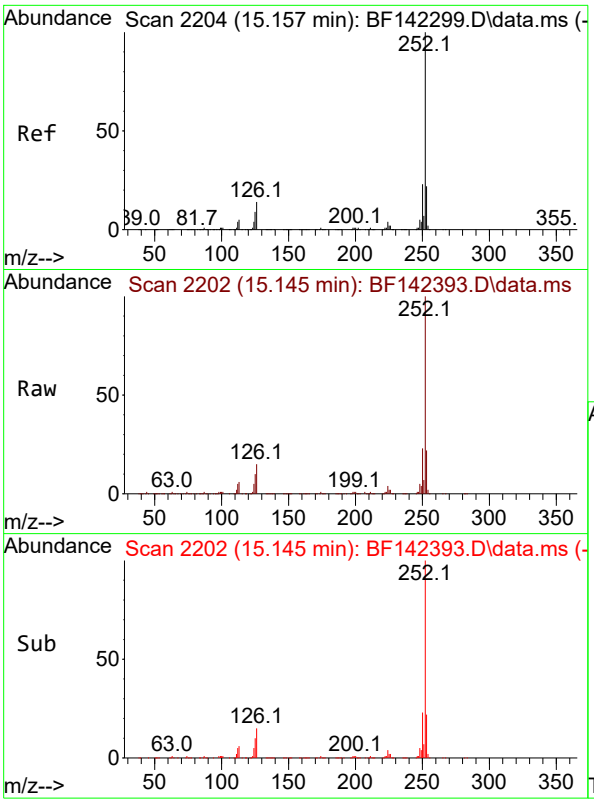


#88
Benzo(b)fluoranthene
Concen: 41.317 ng
RT: 15.115 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:252 Resp: 853236

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.1	8.7	13.1



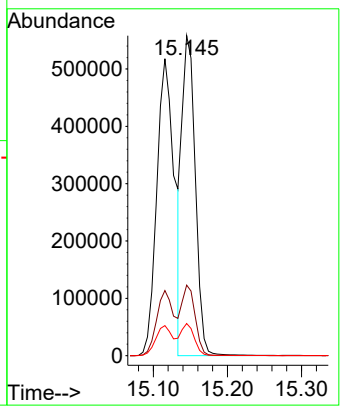


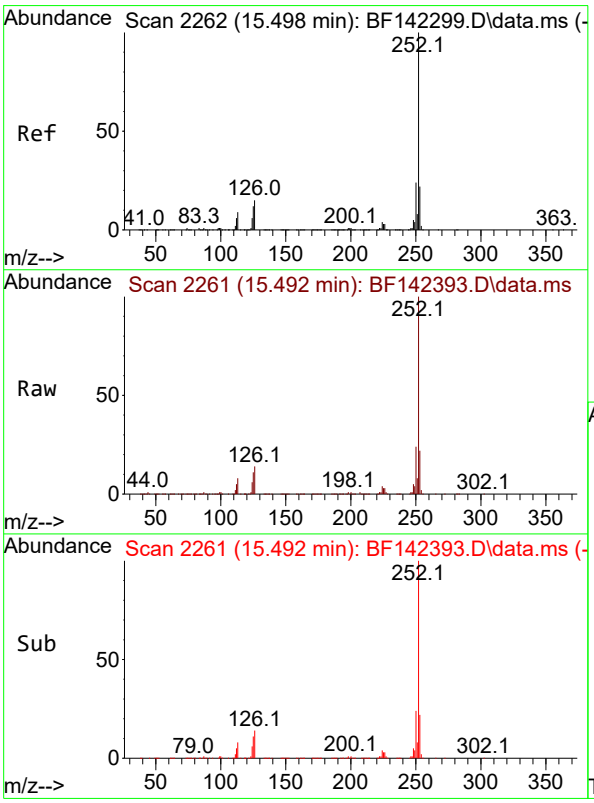
#89
Benzo(k)fluoranthene
Concen: 37.113 ng
RT: 15.145 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 701372

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.1	8.1	12.1

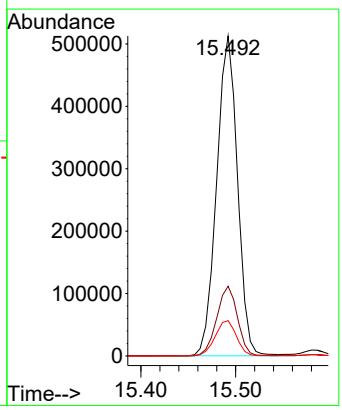


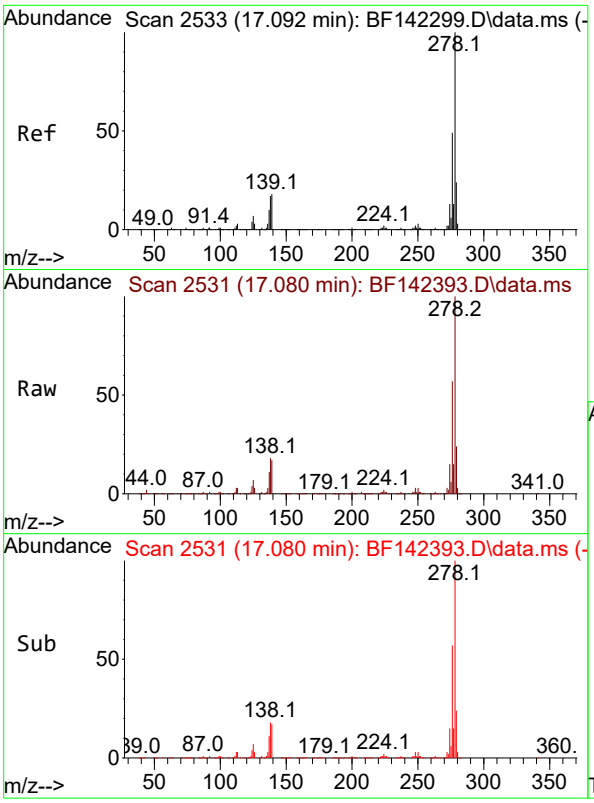


#90
Benzo(a)pyrene
Concen: 42.388 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:252 Resp: 784416

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	11.1	9.4	14.0



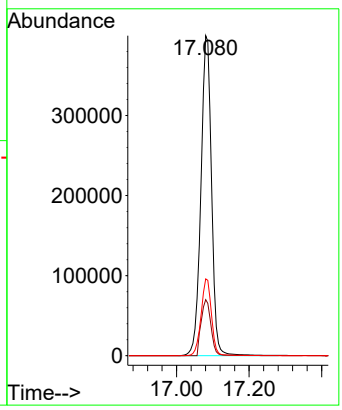


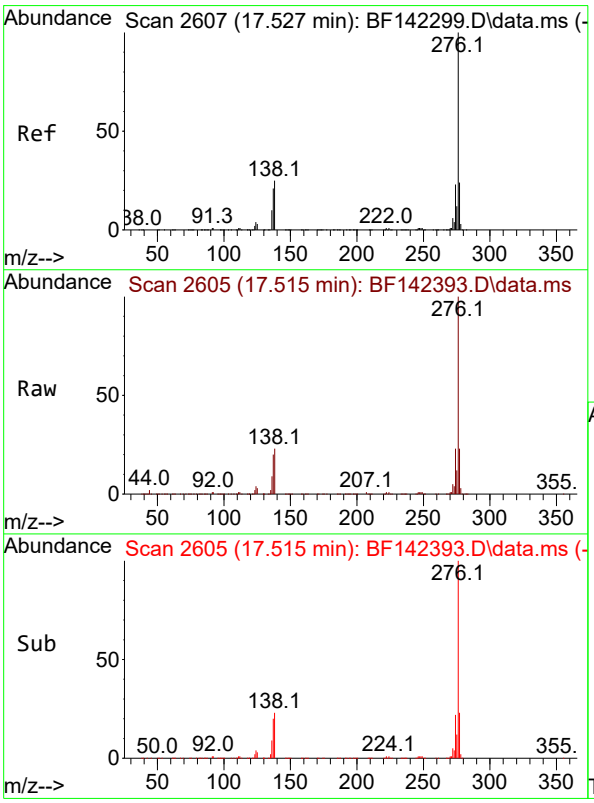
#91
Dibenzo(a,h)anthracene
Concen: 41.561 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 814409

Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.5	21.7
279	24.0	18.9	28.3

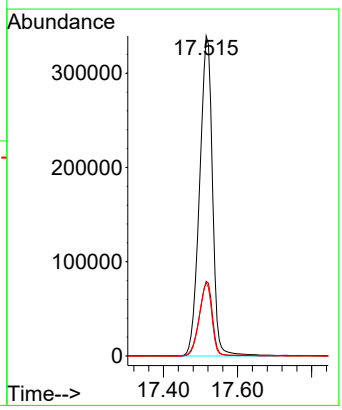




#92
Benzo(g,h,i)perylene
Concen: 42.095 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.012 min
Lab File: BF142393.D
Acq: 15 May 2025 15:41

Tgt Ion:276 Resp: 818684

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.6
138	22.9	19.8	29.6



Sample Results: **BF142393.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142393.D
Acq On : 15 May 2025 15:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 15 16:19:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	0.00
2		1,4-Dioxane	0.528	0.533	-0.9	83	-0.01
3		Pyridine	1.239	1.351	-9.0	90	0.00
4		n-Nitrosodimethylamine	0.720	0.706	1.9	80	0.00
5	S	2-Fluorophenol	1.172	1.241	-5.9	87	0.00
6		Aniline	1.413	1.955	-38.4#	105	0.00
7	S	Phenol-d6	1.441	1.485	-3.1	85	0.00
8		2-Chlorophenol	1.252	1.345	-7.4	86	0.00
9		Benzaldehyde	0.843	0.816	3.2	87	0.00
10	C	Phenol	1.527	1.695	-11.0	90	0.00
11		bis(2-Chloroethyl)ether	1.506	1.233	18.1	72	0.00
12		1,3-Dichlorobenzene	1.432	1.470	-2.7	86	0.00
13	C	1,4-Dichlorobenzene	1.438	1.471	-2.3	85	0.00
14		1,2-Dichlorobenzene	1.380	1.414	-2.5	84	0.00
15		Benzyl Alcohol	0.933	1.061	-13.7	90	0.00
16		2,2'-oxybis(1-Chloropropane	2.249	2.063	8.3	76	0.00
17		2-Methylphenol	1.014	1.038	-2.4	84	0.00
18		Hexachloroethane	0.478	0.508	-6.3	86	0.00
19	P	n-Nitroso-di-n-propylamine	0.891	0.839	5.8	77	0.00
20		3+4-Methylphenols	1.265	1.272	-0.6	82	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	74	0.00
22		Acetophenone	0.445	0.450	-1.1	80	0.00
23	S	Nitrobenzene-d5	0.328	0.381	-16.2	86	0.00
24		Nitrobenzene	0.309	0.348	-12.6	84	0.00
25		Isophorone	0.621	0.610	1.8	77	0.00
26	C	2-Nitrophenol	0.129	0.191	-48.1#	107	0.00
27		2,4-Dimethylphenol	0.312	0.334	-7.1	83	0.00
28		bis(2-Chloroethoxy)methane	0.399	0.386	3.3	76	0.00
29	C	2,4-Dichlorophenol	0.265	0.295	-11.3	83	0.00
30		1,2,4-Trichlorobenzene	0.299	0.316	-5.7	83	0.00
31		Naphthalene	0.969	1.000	-3.2	82	0.00
32		Benzoic acid	0.150	0.197	-31.3#	104	0.00
33		4-Chloroaniline	0.396	0.410	-3.5	79	-0.02
34	C	Hexachlorobutadiene	0.177	0.189	-6.8	83	0.00
35		Caprolactam	0.077	0.088	-14.3	83	0.00
36	C	4-Chloro-3-methylphenol	0.276	0.289	-4.7	81	0.00
37		2-Methylnaphthalene	0.602	0.607	-0.8	79	0.00
38		1-Methylnaphthalene	0.628	0.623	0.8	78	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	70	0.00
40		1,2,4,5-Tetrachlorobenzene	0.559	0.597	-6.8	81	0.00
41	P	Hexachlorocyclopentadiene	0.345	0.400	-15.9	82	0.00
42	S	2,4,6-Tribromophenol	0.193	0.224	-16.1	82	0.00
43	C	2,4,6-Trichlorophenol	0.352	0.415	-17.9	83	0.00
44		2,4,5-Trichlorophenol	0.375	0.420	-12.0	81	0.00
45	S	2-Fluorobiphenyl	1.403	1.411	-0.6	78	0.00
46		1,1'-Biphenyl	1.533	1.588	-3.6	79	0.00
47		2-Chloronaphthalene	1.140	1.175	-3.1	78	0.00

Sample Results: **BF142393.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142393.D
Acq On : 15 May 2025 15:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 15 16:19:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.292	0.366	-25.3#	86	0.00
49		Acenaphthylene	1.908	1.964	-2.9	77	0.00
50		Dimethylphthalate	1.284	1.323	-3.0	77	0.00
51		2,6-Dinitrotoluene	0.240	0.296	-23.3	84	0.00
52	C	Acenaphthene	1.147	1.207	-5.2	79	0.00
53		3-Nitroaniline	0.282	0.341	-20.9	83	0.00
54	P	2,4-Dinitrophenol	0.102	0.161	-57.8#	116	0.00
55		Dibenzofuran	1.693	1.726	-1.9	78	0.00
56	P	4-Nitrophenol	0.212	0.262	-23.6	86	0.00
57		2,4-Dinitrotoluene	0.308	0.398	-29.2#	88	0.00
58		Fluorene	1.292	1.291	0.1	76	0.00
59		2,3,4,6-Tetrachlorophenol	0.309	0.354	-14.6	81	0.00
60		Diethylphthalate	1.283	1.261	1.7	73	0.00
61		4-Chlorophenyl-phenylether	0.623	0.632	-1.4	77	0.00
62		4-Nitroaniline	0.223	0.289	-29.6#	90	0.00
63		Azobenzene	1.226	1.171	4.5	72	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	68	0.00
65		4,6-Dinitro-2-methylphenol	0.082	0.126	-53.7#	105	0.00
66	c	n-Nitrosodiphenylamine	0.666	0.707	-6.2	76	0.00
67		4-Bromophenyl-phenylether	0.227	0.237	-4.4	74	0.00
68		Hexachlorobenzene	0.249	0.266	-6.8	76	0.00
69		Atrazine	0.175	0.193	-10.3	75	0.00
70	C	Pentachlorophenol	0.131	0.161	-22.9#	78	0.00
71		Phenanthrene	1.048	1.080	-3.1	74	0.00
72		Anthracene	1.077	1.097	-1.9	73	0.00
73		Carbazole	0.966	0.961	0.5	70	0.00
74		Di-n-butylphthalate	1.016	0.974	4.1	65	0.00
75	C	Fluoranthene	1.048	0.943	10.0	65	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	61	0.00
77		Benzidine	0.363	0.527	-45.2#	89	-0.01
78		Pyrene	1.780	1.748	1.8	62	0.00
79	S	Terphenyl-d14	1.351	1.252	7.3	61	0.00
80		Butylbenzylphthalate	0.449	0.507	-12.9	66	0.00
81		Benzo(a)anthracene	1.295	1.376	-6.3	67	0.00
82		3,3'-Dichlorobenzidine	0.301	0.454	-50.8#	93	0.00
83		Chrysene	1.206	1.208	-0.2	66	0.00
84		Bis(2-ethylhexyl)phthalate	0.573	0.662	-15.5	67	0.00
85	c	Di-n-octyl phthalate	1.057	1.337	-26.5#	79	-0.01
86	I	Perylene-d12	1.000	1.000	0.0	80	-0.01
87		Indeno(1,2,3-cd)pyrene	1.391	1.481	-6.5	86	0.00
88		Benzo(b)fluoranthene	1.211	1.251	-3.3	86	0.00
89		Benzo(k)fluoranthene	1.109	1.029	7.2	79	-0.01
90	C	Benzo(a)pyrene	1.085	1.150	-6.0	86	0.00
91		Dibenzo(a,h)anthracene	1.149	1.194	-3.9	84	-0.01
92		Benzo(g,h,i)perylene	1.141	1.201	-5.3	86	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142393.D
Acq On : 15 May 2025 15:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 15 16:19:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 3

Sample Results: **BF142393.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142393.D
Acq On : 15 May 2025 15:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 15 16:19:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	78	0.00
2		1,4-Dioxane	40.000	40.439	-1.1	83	-0.01
3		Pyridine	40.000	43.641	-9.1	90	0.00
4		n-Nitrosodimethylamine	40.000	39.241	1.9	80	0.00
5	S	2-Fluorophenol	80.000	84.722	-5.9	87	0.00
6		Aniline	40.000	55.328	-38.3#	105	0.00
7	S	Phenol-d6	80.000	82.421	-3.0	85	0.00
8		2-Chlorophenol	40.000	42.963	-7.4	86	0.00
9		Benzaldehyde	40.000	38.717	3.2	87	0.00
10	C	Phenol	40.000	44.390	-11.0	90	0.00
11		bis(2-Chloroethyl)ether	40.000	32.730	18.2	72	0.00
12		1,3-Dichlorobenzene	40.000	41.046	-2.6	86	0.00
13	C	1,4-Dichlorobenzene	40.000	40.925	-2.3	85	0.00
14		1,2-Dichlorobenzene	40.000	40.975	-2.4	84	0.00
15		Benzyl Alcohol	40.000	45.492	-13.7	90	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.678	8.3	76	0.00
17		2-Methylphenol	40.000	40.947	-2.4	84	0.00
18		Hexachloroethane	40.000	42.478	-6.2	86	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.649	5.9	77	0.00
20		3+4-Methylphenols	40.000	40.219	-0.5	82	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	74	0.00
22		Acetophenone	40.000	40.454	-1.1	80	0.00
23	S	Nitrobenzene-d5	80.000	92.915	-16.1	86	0.00
24		Nitrobenzene	40.000	45.047	-12.6	84	0.00
25		Isophorone	40.000	39.310	1.7	77	0.00
26	C	2-Nitrophenol	40.000	51.078	-27.7#	107	0.00
27		2,4-Dimethylphenol	40.000	42.728	-6.8	83	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.623	3.4	76	0.00
29	C	2,4-Dichlorophenol	40.000	44.430	-11.1	83	0.00
30		1,2,4-Trichlorobenzene	40.000	42.269	-5.7	83	0.00
31		Naphthalene	40.000	41.285	-3.2	82	0.00
32		Benzoic acid	40.000	47.313	-18.3	104	0.00
33		4-Chloroaniline	40.000	41.464	-3.7	79	-0.02
34	C	Hexachlorobutadiene	40.000	42.694	-6.7	83	0.00
35		Caprolactam	40.000	45.657	-14.1	83	0.00
36	C	4-Chloro-3-methylphenol	40.000	41.905	-4.8	81	0.00
37		2-Methylnaphthalene	40.000	40.307	-0.8	79	0.00
38		1-Methylnaphthalene	40.000	39.704	0.7	78	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	70	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	42.753	-6.9	81	0.00
41	P	Hexachlorocyclopentadiene	40.000	46.384	-16.0	82	0.00
42	S	2,4,6-Tribromophenol	80.000	92.751	-15.9	82	0.00
43	C	2,4,6-Trichlorophenol	40.000	47.140	-17.9	83	0.00
44		2,4,5-Trichlorophenol	40.000	44.766	-11.9	81	0.00
45	S	2-Fluorobiphenyl	80.000	80.470	-0.6	78	0.00
46		1,1'-Biphenyl	40.000	41.419	-3.5	79	0.00
47		2-Chloronaphthalene	40.000	41.219	-3.0	78	0.00

Sample Results: **BF142393.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142393.D
Acq On : 15 May 2025 15:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 15 16:19:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	50.091	-25.2#	86	0.00
49		Acenaphthylene	40.000	41.172	-2.9	77	0.00
50		Dimethylphthalate	40.000	41.198	-3.0	77	0.00
51		2,6-Dinitrotoluene	40.000	49.228	-23.1	84	0.00
52	C	Acenaphthene	40.000	42.093	-5.2	79	0.00
53		3-Nitroaniline	40.000	48.327	-20.8	83	0.00
54	P	2,4-Dinitrophenol	40.000	53.899	-34.7#	116	0.00
55		Dibenzofuran	40.000	40.785	-2.0	78	0.00
56	P	4-Nitrophenol	40.000	49.427	-23.6	86	0.00
57		2,4-Dinitrotoluene	40.000	51.661	-29.2#	88	0.00
58		Fluorene	40.000	39.977	0.1	76	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	45.761	-14.4	81	0.00
60		Diethylphthalate	40.000	39.339	1.7	73	0.00
61		4-Chlorophenyl-phenylether	40.000	40.543	-1.4	77	0.00
62		4-Nitroaniline	40.000	51.743	-29.4#	90	0.00
63		Azobenzene	40.000	38.234	4.4	72	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	68	0.00
65		4,6-Dinitro-2-methylphenol	40.000	52.989	-32.5#	105	0.00
66	c	n-Nitrosodiphenylamine	40.000	42.504	-6.3	76	0.00
67		4-Bromophenyl-phenylether	40.000	41.779	-4.4	74	0.00
68		Hexachlorobenzene	40.000	42.682	-6.7	76	0.00
69		Atrazine	40.000	44.061	-10.2	75	0.00
70	C	Pentachlorophenol	40.000	48.948	-22.4#	78	0.00
71		Phenanthrene	40.000	41.209	-3.0	74	0.00
72		Anthracene	40.000	40.726	-1.8	73	0.00
73		Carbazole	40.000	39.764	0.6	70	0.00
74		Di-n-butylphthalate	40.000	38.341	4.1	65	0.00
75	C	Fluoranthene	40.000	35.991	10.0	65	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	61	0.00
77		Benzidine	40.000	57.977	-44.9#	89	-0.01
78		Pyrene	40.000	39.287	1.8	62	0.00
79	S	Terphenyl-d14	80.000	74.094	7.4	61	0.00
80		Butylbenzylphthalate	40.000	39.733	0.7	66	0.00
81		Benzo(a)anthracene	40.000	42.508	-6.3	67	0.00
82		3,3'-Dichlorobenzidine	40.000	60.226	-50.6#	93	0.00
83		Chrysene	40.000	40.078	-0.2	66	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.920	0.2	67	0.00
85	c	Di-n-octyl phthalate	40.000	44.523	-11.3	79	-0.01
86	I	Perylene-d12	20.000	20.000	0.0	80	-0.01
87		Indeno(1,2,3-cd)pyrene	40.000	42.582	-6.5	86	0.00
88		Benzo(b)fluoranthene	40.000	41.317	-3.3	86	0.00
89		Benzo(k)fluoranthene	40.000	37.113	7.2	79	-0.01
90	C	Benzo(a)pyrene	40.000	42.388	-6.0	86	0.00
91		Dibenzo(a,h)anthracene	40.000	41.561	-3.9	84	-0.01
92		Benzo(g,h,i)perylene	40.000	42.095	-5.2	86	-0.01

Sample Results: **BF142393.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142393.D
Acq On : 15 May 2025 15:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 15 16:19:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 2

Raw Data: **BF142416.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

Instrument ID: BNA_F Calibration Date/Time: 05/16/2025 09:45

Lab File ID: BF142416.D Init. Calib. Date(s): 05/05/2025 05/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:54 17:15

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.172	1.230		4.9	
Benzaldehyde	0.843	0.825		-2.1	
Phenol-d6	1.441	1.481		2.8	
Phenol	1.531	1.669		9.0	20.0
bis(2-Chloroethyl)ether	1.506	1.236		-17.9	
2-Chlorophenol	1.252	1.338		6.9	
2-Methylphenol	1.014	1.054		3.9	
2,2-oxybis(1-Chloropropane)	2.249	2.119		-5.8	
Acetophenone	0.445	0.439		-1.3	
3+4-Methylphenols	1.265	1.302		2.9	
n-Nitroso-di-n-propylamine	0.891	0.890	0.050	-0.1	
Nitrobenzene-d5	0.328	0.370		12.8	
Hexachloroethane	0.478	0.511		6.9	
Nitrobenzene	0.309	0.341		10.4	
Isophorone	0.621	0.627		1.0	
2-Nitrophenol	0.129	0.185		43.4	20.0
2,4-Dimethylphenol	0.312	0.322		3.2	
bis(2-Chloroethoxy)methane	0.399	0.391		-2.0	
2,4-Dichlorophenol	0.265	0.291		9.8	20.0
Naphthalene	0.969	0.984		1.5	
4-Chloroaniline	0.395	0.403		2.0	
Hexachlorobutadiene	0.177	0.188		6.2	20.0
Caprolactam	0.077	0.090		16.9	
4-Chloro-3-methylphenol	0.276	0.292		5.8	20.0
2-Methylnaphthalene	0.602	0.608		1.0	
Hexachlorocyclopentadiene	0.345	0.398	0.050	15.4	
2,4,6-Trichlorophenol	0.352	0.398		13.1	20.0
2-Fluorobiphenyl	1.403	1.372		-2.2	
2,4,5-Trichlorophenol	0.375	0.423		12.8	
1,1-Biphenyl	1.533	1.536		0.2	
2-Chloronaphthalene	1.140	1.148		0.7	
2-Nitroaniline	0.292	0.352		20.5	
Dimethylphthalate	1.284	1.315		2.4	
Acenaphthylene	1.908	1.919		0.6	
2,6-Dinitrotoluene	0.240	0.294		22.5	
3-Nitroaniline	0.282	0.340		20.6	
Acenaphthene	1.147	1.183		3.1	20.0
2,4-Dinitrophenol	0.102	0.163	0.050	59.8	
4-Nitrophenol	0.212	0.253	0.050	19.3	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

Instrument ID: BNA_F Calibration Date/Time: 05/16/2025 09:45

Lab File ID: BF142416.D Init. Calib. Date(s): 05/05/2025 05/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:54 17:15

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.693	1.699		0.4	
2,4-Dinitrotoluene	0.308	0.395		28.2	
Diethylphthalate	1.283	1.293		0.8	
4-Chlorophenyl-phenylether	0.623	0.643		3.2	
Fluorene	1.292	1.306		1.1	
4-Nitroaniline	0.223	0.289		29.6	
4,6-Dinitro-2-methylphenol	0.082	0.125		52.4	
n-Nitrosodiphenylamine	0.666	0.682		2.4	20.0
2,4,6-Tribromophenol	0.193	0.231		19.7	
4-Bromophenyl-phenylether	0.227	0.241		6.2	
Hexachlorobenzene	0.249	0.265		6.4	
Atrazine	0.175	0.195		11.4	
Pentachlorophenol	0.131	0.162		23.7	20.0
Phenanthrene	1.048	1.051		0.3	
Anthracene	1.077	1.081		0.4	
Carbazole	0.966	0.970		0.4	
Di-n-butylphthalate	1.016	1.068		5.1	
Fluoranthene	1.048	1.020		-2.7	20.0
Pyrene	1.780	1.900		6.7	
Terphenyl-d14	1.351	1.413		4.6	
Butylbenzylphthalate	0.449	0.566		26.1	
3,3-Dichlorobenzidine	0.301	0.435		44.5	
Benzo(a)anthracene	1.295	1.386		7.0	
Chrysene	1.206	1.202		-0.3	
Bis(2-ethylhexyl)phthalate	0.573	0.772		34.7	
Di-n-octyl phthalate	1.057	1.433		35.6	20.0
Benzo(b)fluoranthene	1.211	1.284		6.0	
Benzo(k)fluoranthene	1.109	1.028		-7.3	
Benzo(a)pyrene	1.085	1.150		6.0	20.0
Indeno(1,2,3-cd)pyrene	1.391	1.503		8.1	
Dibenzo(a,h)anthracene	1.149	1.232		7.2	
Benzo(g,h,i)perylene	1.141	1.209		6.0	
1,2,4,5-Tetrachlorobenzene	0.559	0.581		3.9	
1,4-Dioxane	0.528	0.514		-2.7	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.349		12.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142416.D
Acq On : 16 May 2025 09:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 12:03:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	162723	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	631476	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	337294	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	570778	20.000	ng	0.00
76) Chrysene-d12	14.068	240	303020	20.000	ng	0.00
86) Perylene-d12	15.562	264	328347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	800894	84.019	ng	0.00
7) Phenol-d6	6.528	99	964001	82.225	ng	0.00
23) Nitrobenzene-d5	7.469	82	933852	90.190	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	311607	95.687	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1850807	78.241	ng	0.00
79) Terphenyl-d14	13.016	244	1712670	83.656	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	167228	38.958	ng	98
3) Pyridine	3.451	79	433306	42.995	ng	97
4) n-Nitrosodimethylamine	3.410	42	226458	38.662	ng	96
6) Aniline	6.569	93	651505	56.655	ng	99
8) 2-Chlorophenol	6.687	128	435332	42.737	ng	98
9) Benzaldehyde	6.457	77	268654	39.152	ng	98
10) Phenol	6.545	94	543308	43.718	ng	95
11) bis(2-Chloroethyl)ether	6.640	93	402254	32.823	ng	97
12) 1,3-Dichlorobenzene	6.845	146	479225	41.122	ng	98
13) 1,4-Dichlorobenzene	6.922	146	485871	41.525	ng	99
14) 1,2-Dichlorobenzene	7.075	146	462973	41.222	ng	100
15) Benzyl Alcohol	7.045	79	354637	46.714	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	689494	37.675	ng	99
17) 2-Methylphenol	7.151	107	343026	41.595	ng	99
18) Hexachloroethane	7.422	117	166147	42.677	ng	96
19) n-Nitroso-di-n-propyla...	7.316	70	289680	39.945	ng	98
20) 3+4-Methylphenols	7.304	107	423880	41.184	ng	98
22) Acetophenone	7.316	105	554950	39.525	ng	99
24) Nitrobenzene	7.487	77	430088	44.065	ng	98
25) Isophorone	7.728	82	791472	40.366	ng	100
26) 2-Nitrophenol	7.804	139	233915	49.575	ng	98
27) 2,4-Dimethylphenol	7.839	122	406161	41.201	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	494120	39.192	ng	100
29) 2,4-Dichlorophenol	8.045	162	367177	43.810	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	395686	41.951	ng	99
31) Naphthalene	8.210	128	1242399	40.595	ng	100
32) Benzoic acid	7.945	122	260687	48.994	ng	99
33) 4-Chloroaniline	8.257	127	508757m	40.739	ng	
34) Hexachlorobutadiene	8.328	225	237031	42.439	ng	100
35) Caprolactam	8.628	113	113639	46.524	ng	90
36) 4-Chloro-3-methylphenol	8.734	107	368220	42.265	ng	100
37) 2-Methylnaphthalene	8.898	142	768002	40.384	ng	98
38) 1-Methylnaphthalene	8.998	142	794187	40.068	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	391966	41.609	ng	99
41) Hexachlorocyclopentadiene	9.051	237	268786	46.168	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	268152	45.128	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142416.D
Acq On : 16 May 2025 09:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

Quant Time: May 16 12:03:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	285134	45.099	ng		98
46) 1,1'-Biphenyl	9.363	154	1036263	40.069	ng		99
47) 2-Chloronaphthalene	9.392	162	774298	40.259	ng		99
48) 2-Nitroaniline	9.481	65	237183	48.113	ng		95
49) Acenaphthylene	9.804	152	1294254	40.227	ng		100
50) Dimethylphthalate	9.663	163	887169	40.962	ng		100
51) 2,6-Dinitrotoluene	9.728	165	198007	48.841	ng		87
52) Acenaphthene	9.980	154	797863	41.243	ng		99
53) 3-Nitroaniline	9.892	138	229060	48.176	ng		94
54) 2,4-Dinitrophenol	9.998	184	109701	54.430	ng	#	1
55) Dibenzofuran	10.151	168	1145993	40.139	ng		100
56) 4-Nitrophenol	10.045	139	170351	47.604	ng		98
57) 2,4-Dinitrotoluene	10.128	165	266504	51.248	ng		93
58) Fluorene	10.492	166	880942	40.431	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	235417	45.106	ng		99
60) Diethylphthalate	10.363	149	872157	40.323	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	433713	41.259	ng		100
62) 4-Nitroaniline	10.504	138	194748	51.679	ng		99
63) Azobenzene	10.645	77	800406	38.726	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	143196	52.948	ng		96
66) n-Nitrosodiphenylamine	10.604	169	778512	40.989	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	274725	42.469	ng		96
68) Hexachlorobenzene	11.039	284	302260	42.479	ng		96
69) Atrazine	11.127	200	222826	44.506	ng		99
70) Pentachlorophenol	11.233	266	185414	49.532	ng		97
71) Phenanthrene	11.457	178	1200234	40.116	ng		100
72) Anthracene	11.504	178	1234268	40.150	ng		100
73) Carbazole	11.657	167	1106838	40.132	ng		100
74) Di-n-butylphthalate	11.986	149	1219634	42.054	ng		100
75) Fluoranthene	12.645	202	1164128	38.924	ng		98
77) Benzidine	12.763	184	384903	69.897	ng		98
78) Pyrene	12.874	202	1151373	42.688	ng		99
80) Butylbenzylphthalate	13.486	149	342957	43.908	ng		99
81) Benzo(a)anthracene	14.057	228	839758	42.793	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	263327	57.703	ng		98
83) Chrysene	14.098	228	728623	39.884	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	467767	45.843	ng		100
85) Di-n-octyl phthalate	14.663	149	868754	47.169	ng		97
87) Indeno(1,2,3-cd)pyrene	17.074	276	986914	43.208	ng		98
88) Benzo(b)fluoranthene	15.121	252	843448	42.413	ng		99
89) Benzo(k)fluoranthene	15.151	252	675230	37.103	ng		100
90) Benzo(a)pyrene	15.498	252	755410	42.390	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	809037	42.874	ng		98
92) Benzo(g,h,i)perylene	17.533	276	793782	42.383	ng		97

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

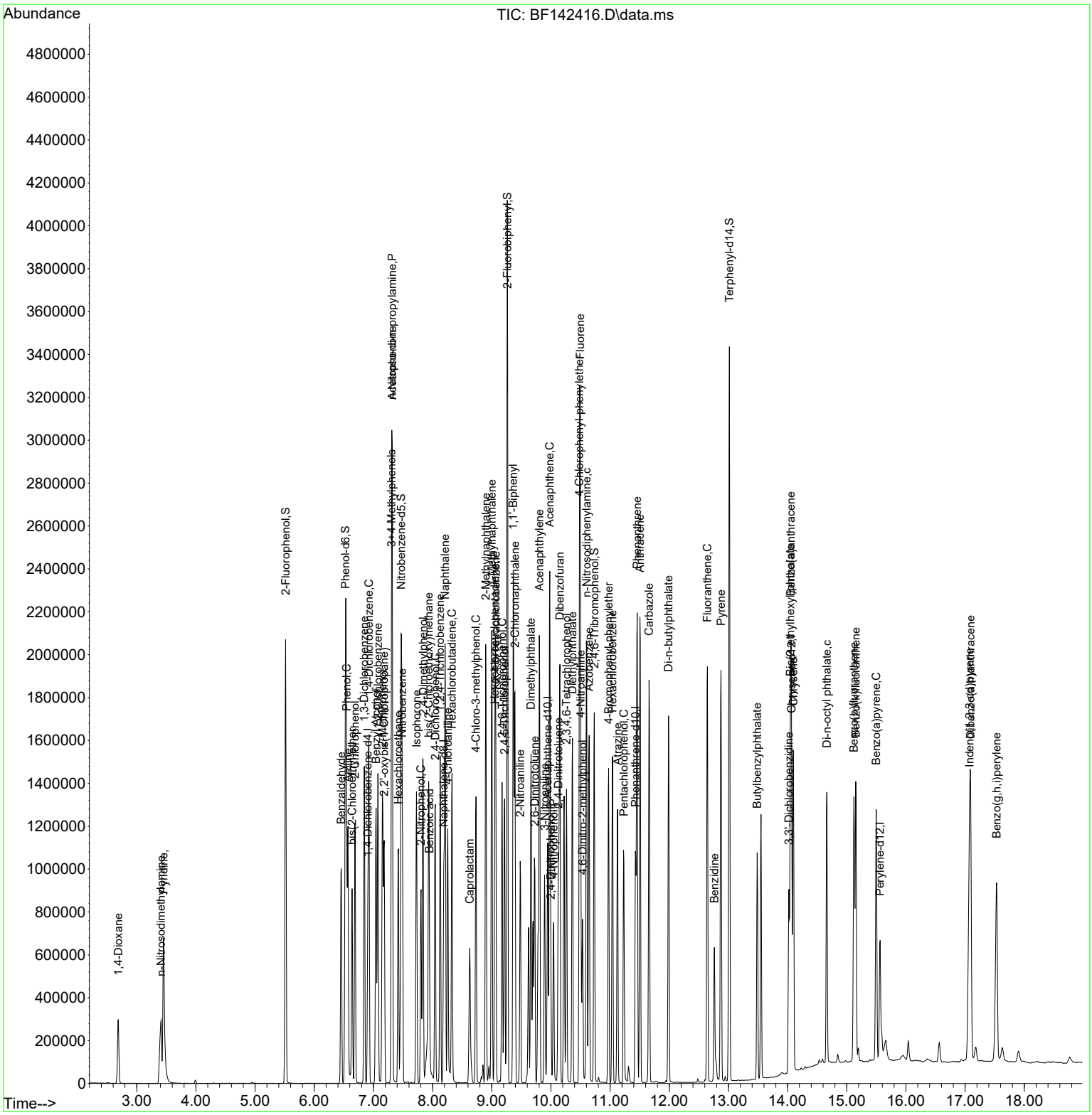
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142416.D
Acq On : 16 May 2025 09:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

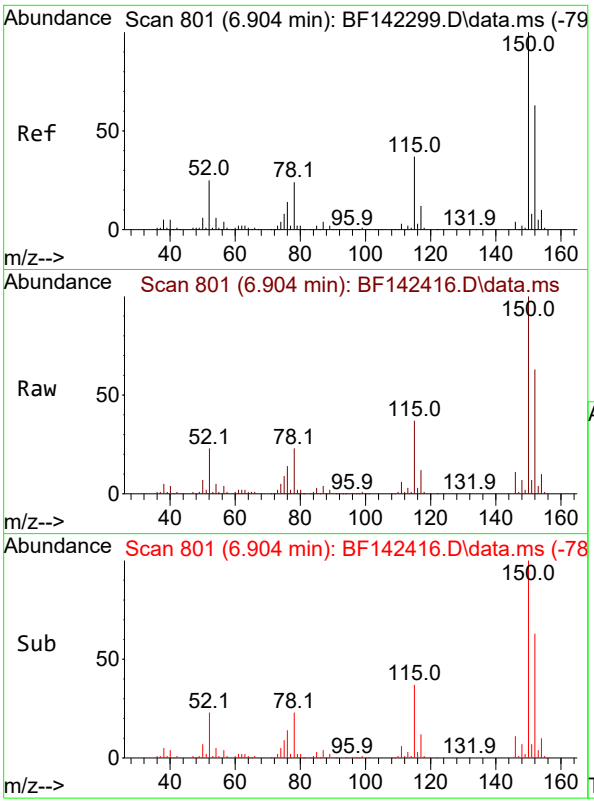
Quant Time: May 16 12:03:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

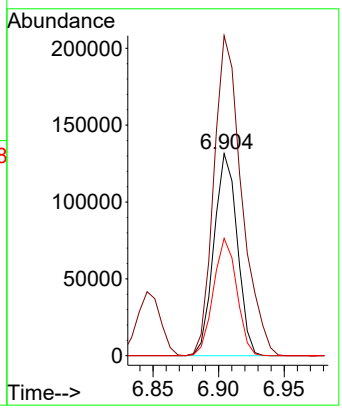




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:152 Resp: 16272

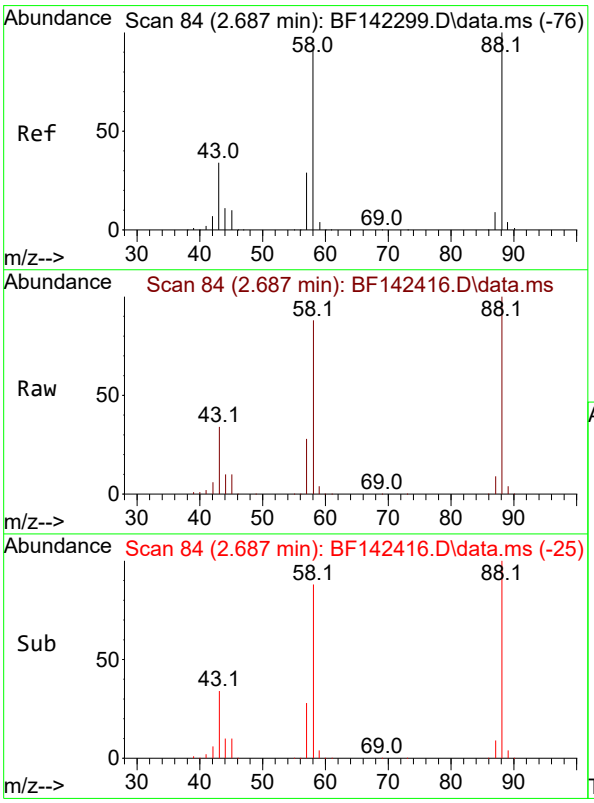
Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.6	190.0
115	58.1	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

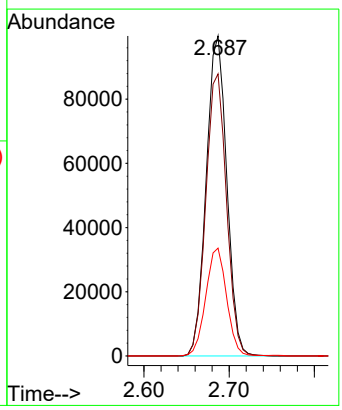
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

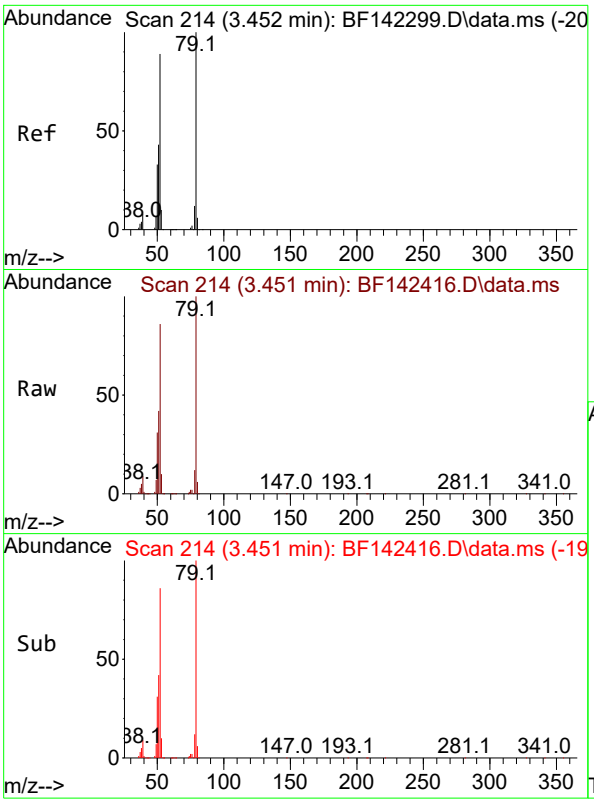


#2
1,4-Dioxane
Concen: 38.958 ng
RT: 2.687 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion: 88 Resp: 167228

Ion	Ratio	Lower	Upper
88	100		
58	88.8	73.0	109.4
43	34.2	27.8	41.6

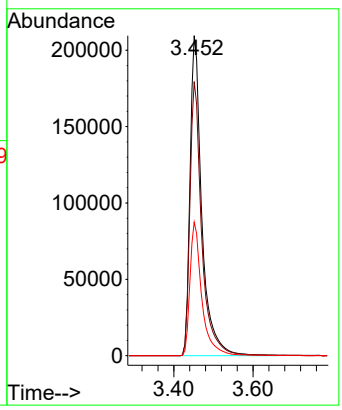




#3
Pyridine
Concen: 42.995 ng
RT: 3.451 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion: 79 Resp: 43330

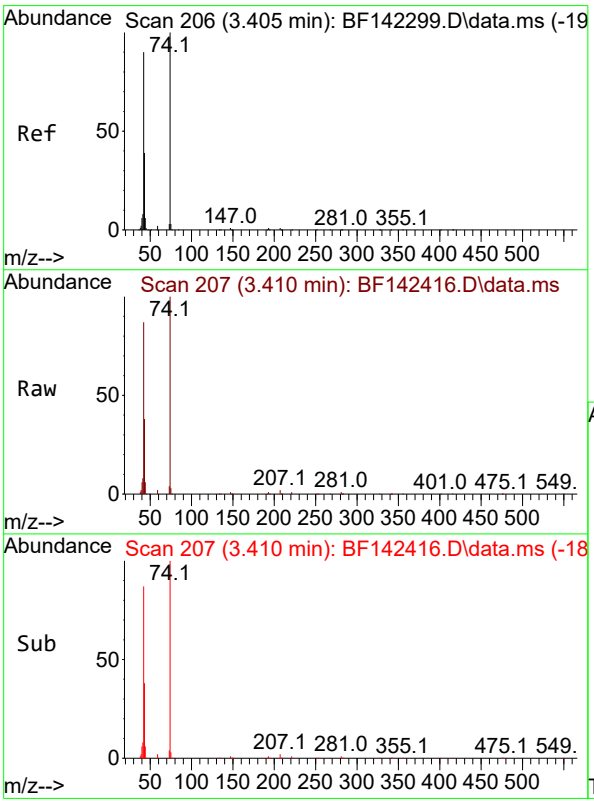
Ion	Ratio	Lower	Upper
79	100		
52	85.7	71.0	106.4
51	41.8	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

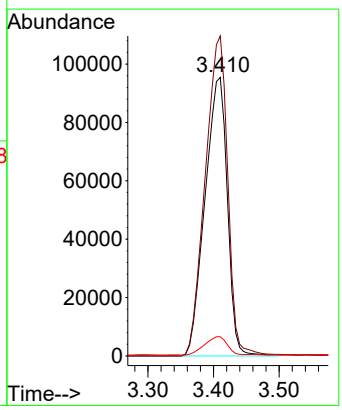
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

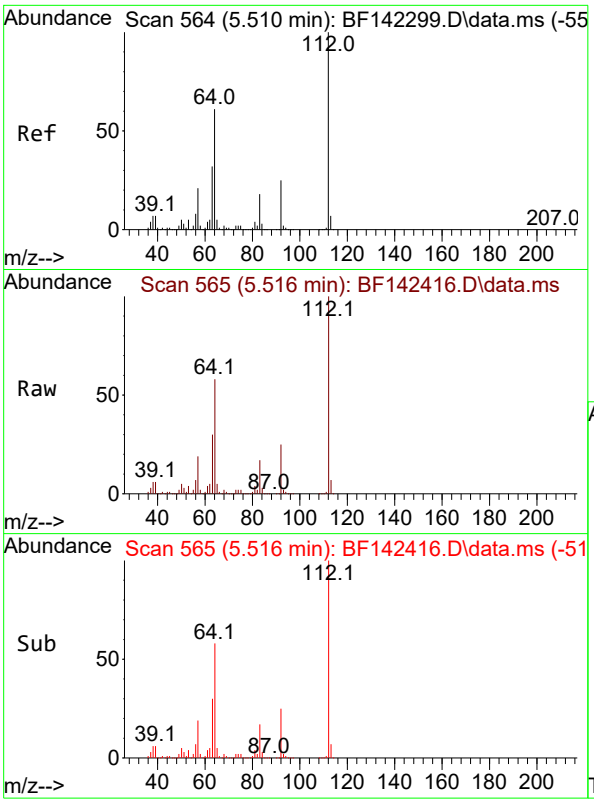


#4
n-Nitrosodimethylamine
Concen: 38.662 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion: 42 Resp: 226458

Ion	Ratio	Lower	Upper
42	100		
74	114.9	88.5	132.7
44	6.9	5.8	8.8





#5
2-Fluorophenol
Concen: 84.019 ng
RT: 5.516 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

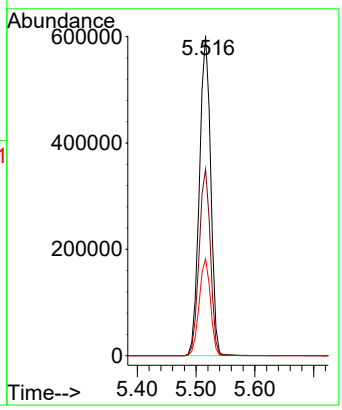
Tgt Ion:112 Resp: 80089

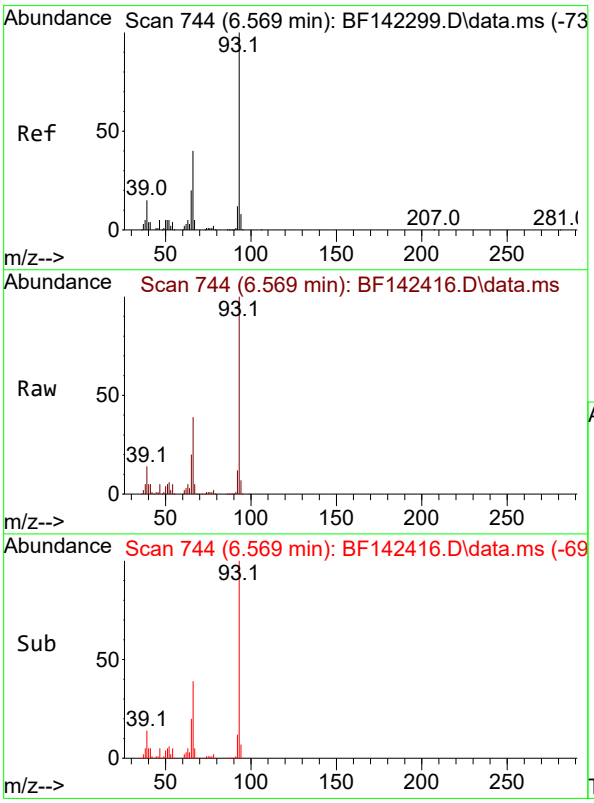
Ion	Ratio	Lower	Upper
112	100		
64	58.3	48.9	73.3
63	30.2	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

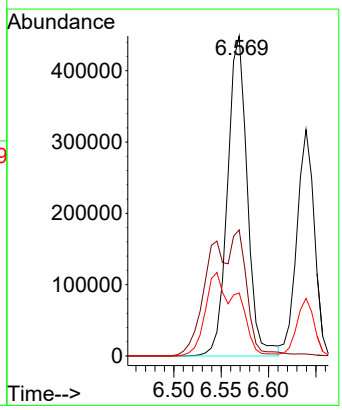


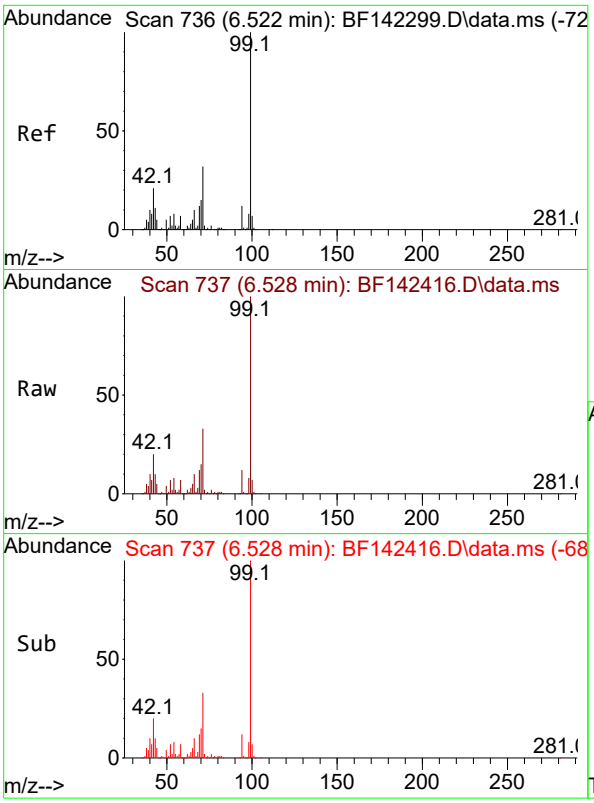


#6
Aniline
Concen: 56.655 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion: 93 Resp: 651505

Ion	Ratio	Lower	Upper
93	100		
66	39.4	32.2	48.4
65	19.7	16.3	24.5





#7
Phenol-d6
Concen: 82.225 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

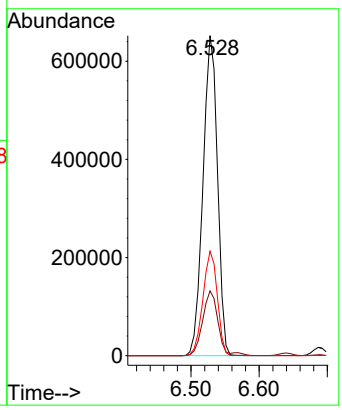
Tgt Ion: 99 Resp: 96400

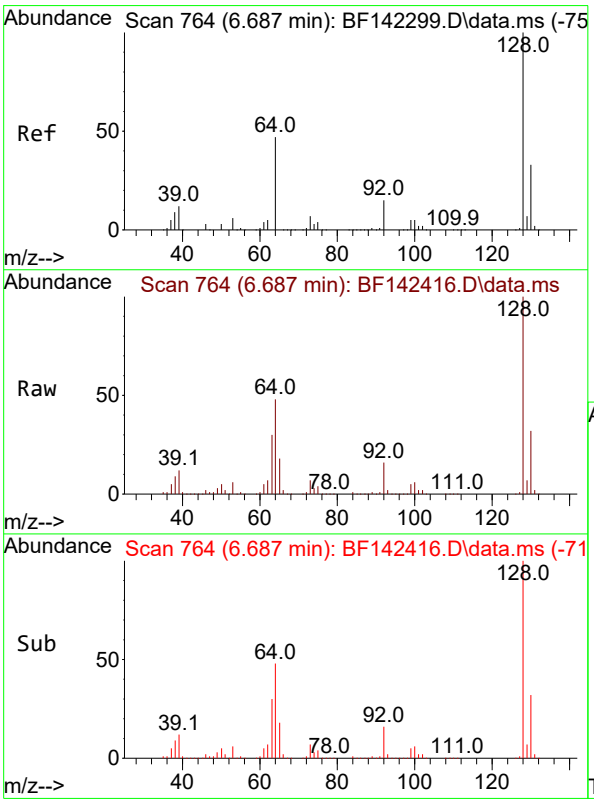
Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.0	25.4
71	32.7	25.8	38.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

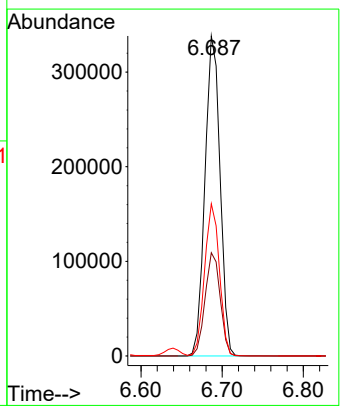


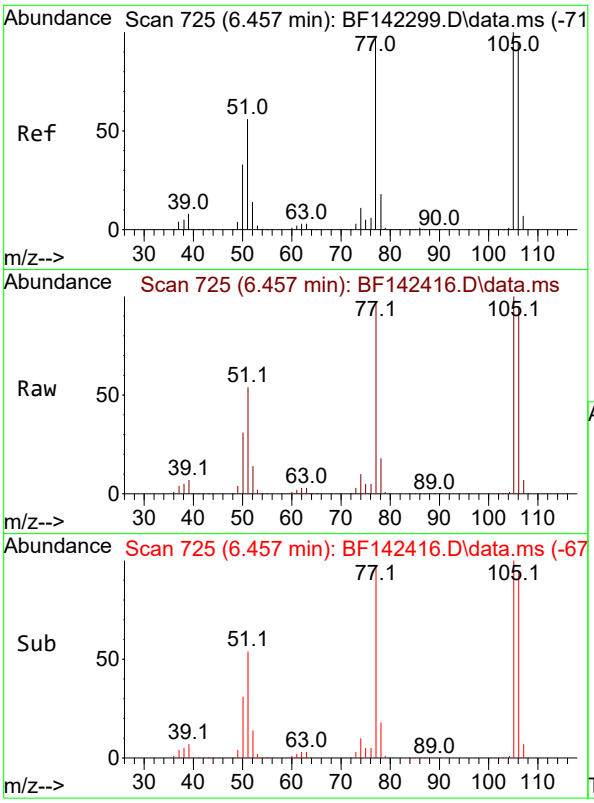


#8
2-Chlorophenol
Concen: 42.737 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:128 Resp: 435332

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.7	52.7
64	47.5	29.2	69.2

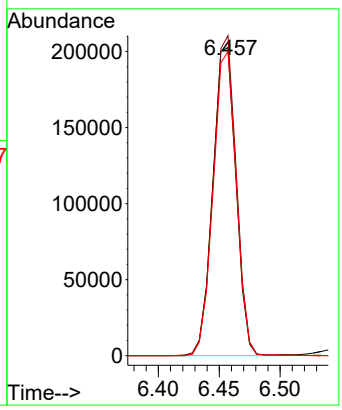




#9
Benzaldehyde
Concen: 39.152 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion: 77 Resp: 26865

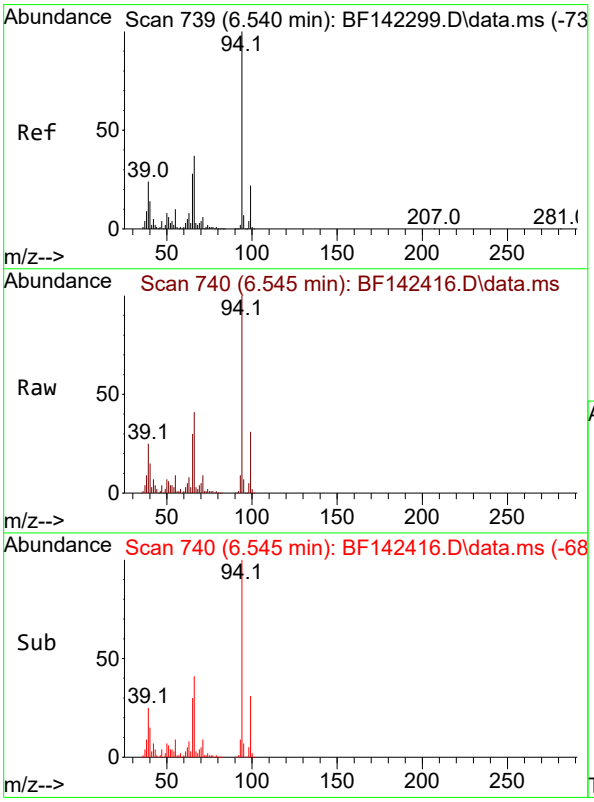
Ion	Ratio	Lower	Upper
77	100		
105	103.9	82.0	122.0
106	98.7	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

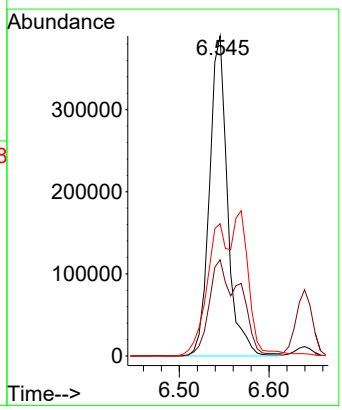
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

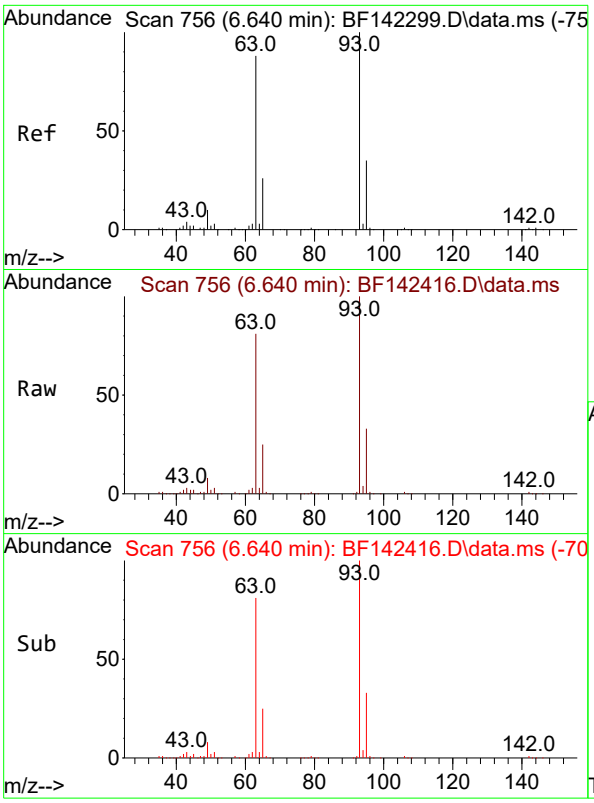


#10
Phenol
Concen: 43.718 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion: 94 Resp: 543308

Ion	Ratio	Lower	Upper
94	100		
65	30.1	8.5	48.5
66	41.4	17.3	57.3

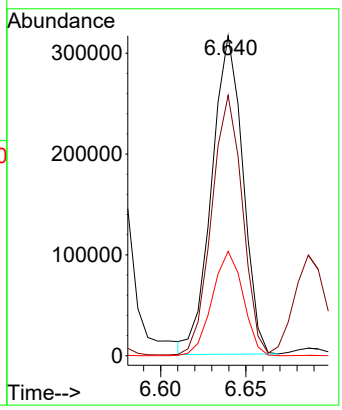




#11
bis(2-Chloroethyl)ether
Concen: 32.823 ng
RT: 6.640 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion: 93 Resp: 40225

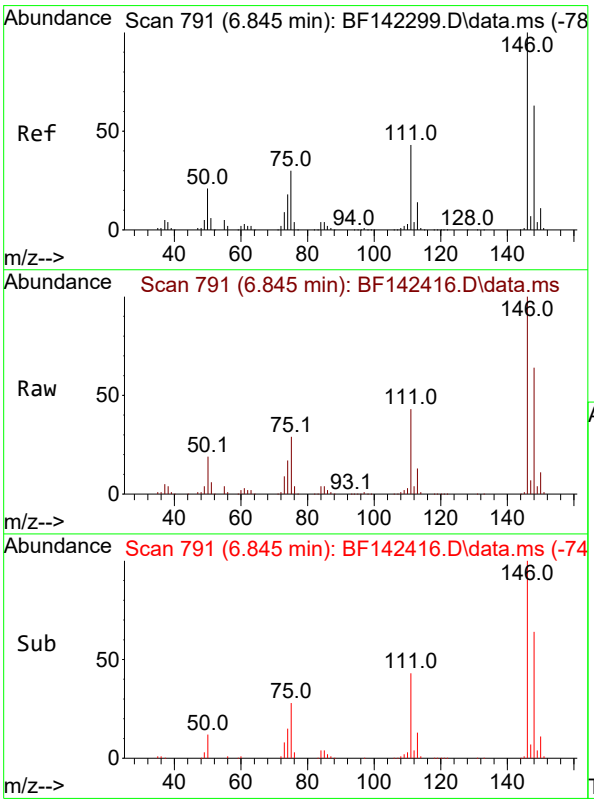
Ion	Ratio	Lower	Upper
93	100		
63	81.4	58.4	98.4
95	32.6	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

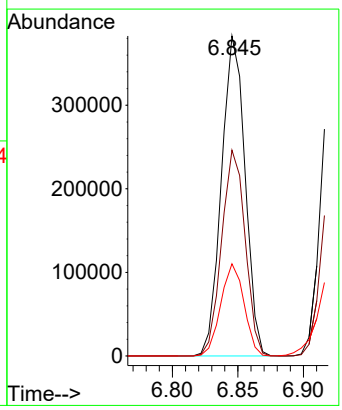
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

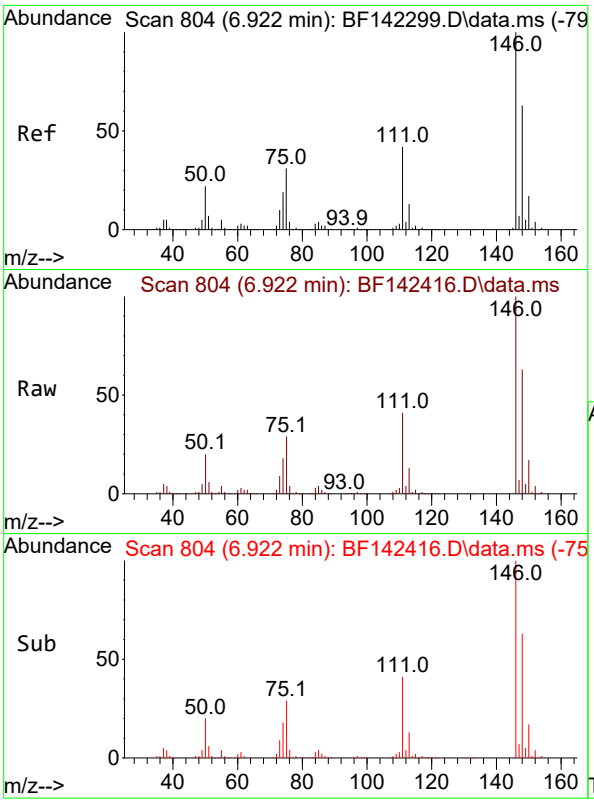


#12
1,3-Dichlorobenzene
Concen: 41.122 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:146 Resp: 479225

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	76.0
75	28.8	24.2	36.4

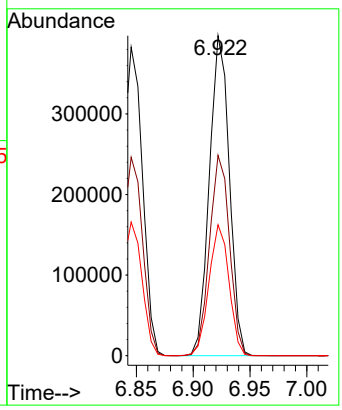




#13
1,4-Dichlorobenzene
Concen: 41.525 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:146 Resp: 48587

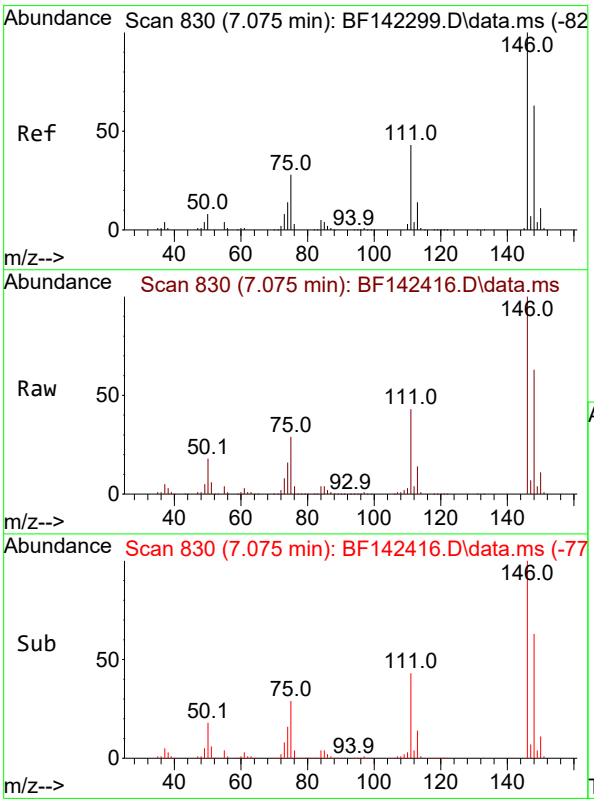
Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.5	75.7
111	40.9	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

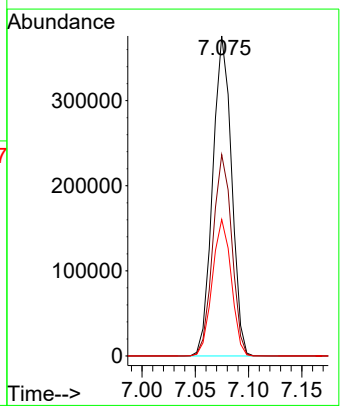
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

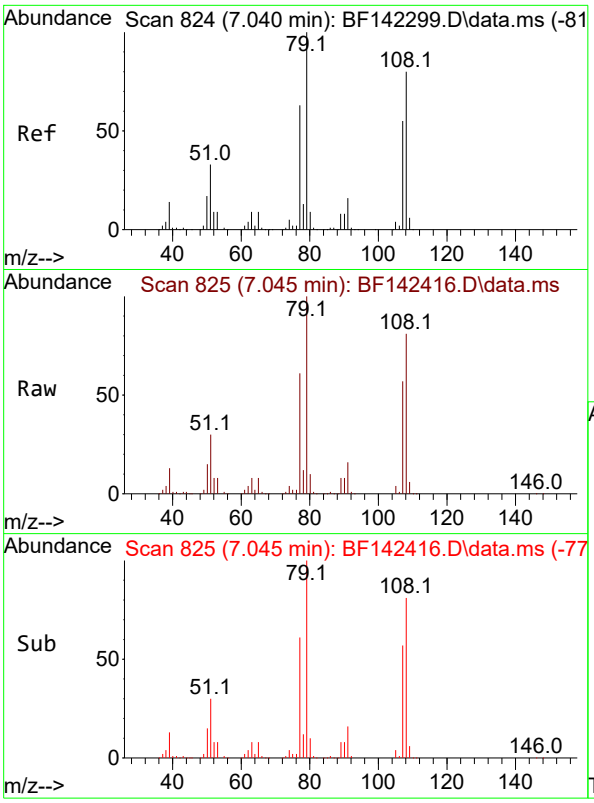


#14
1,2-Dichlorobenzene
Concen: 41.222 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:146 Resp: 462973

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	42.7	34.5	51.7





#15
Benzyl Alcohol
Concen: 46.714 ng
RT: 7.045 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

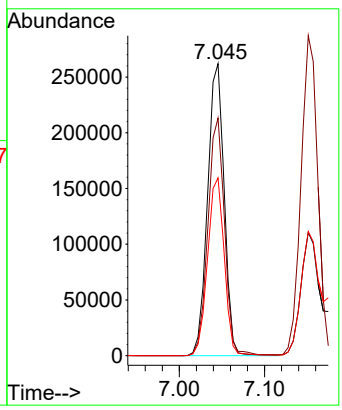
Tgt Ion: 79 Resp: 35463

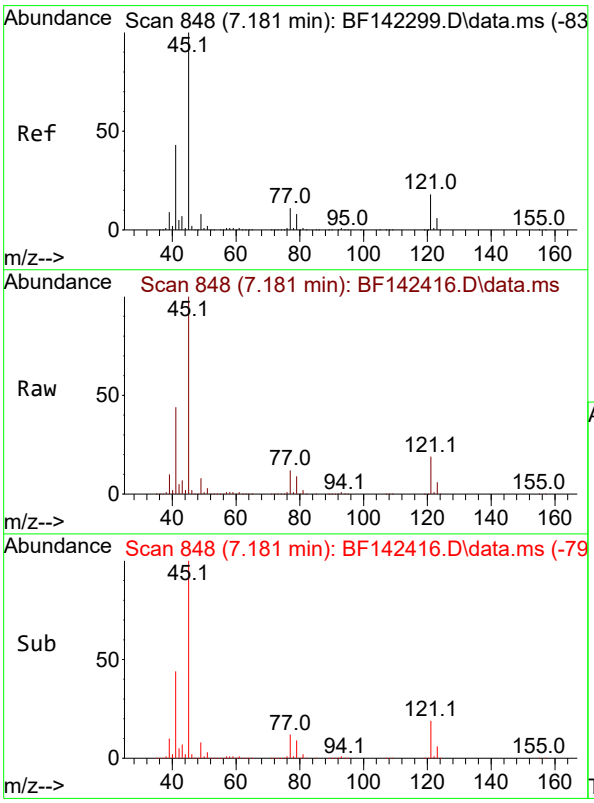
Ion	Ratio	Lower	Upper
79	100		
108	81.3	63.9	95.9
77	60.9	50.7	76.1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

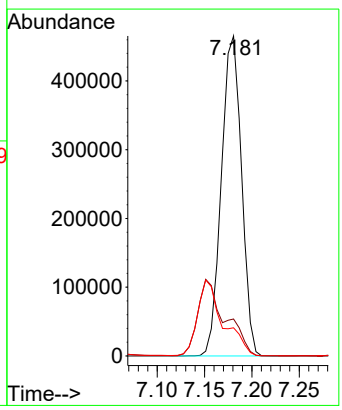


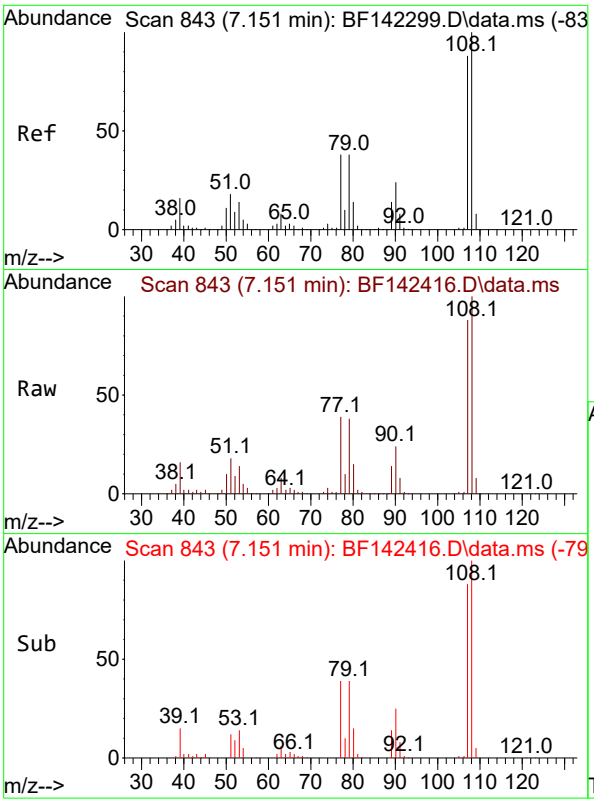


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.675 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion: 45 Resp: 689494

Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	31.2
79	8.8	0.0	28.5

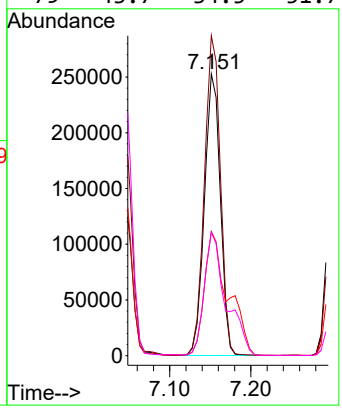




#17
2-Methylphenol
Concen: 41.595 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:107 Resp: 34302

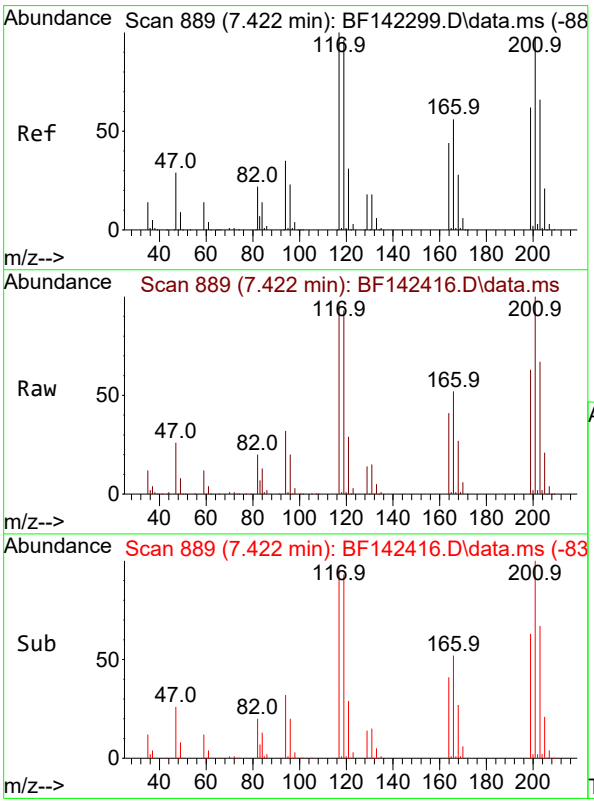
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.1	136.7
77	44.1	34.7	52.1
79	43.7	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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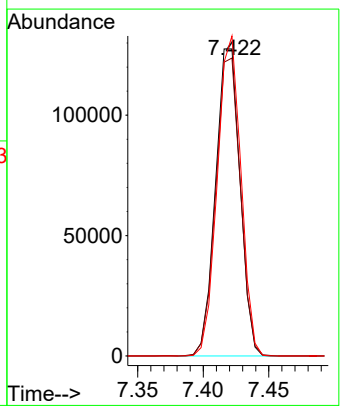
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

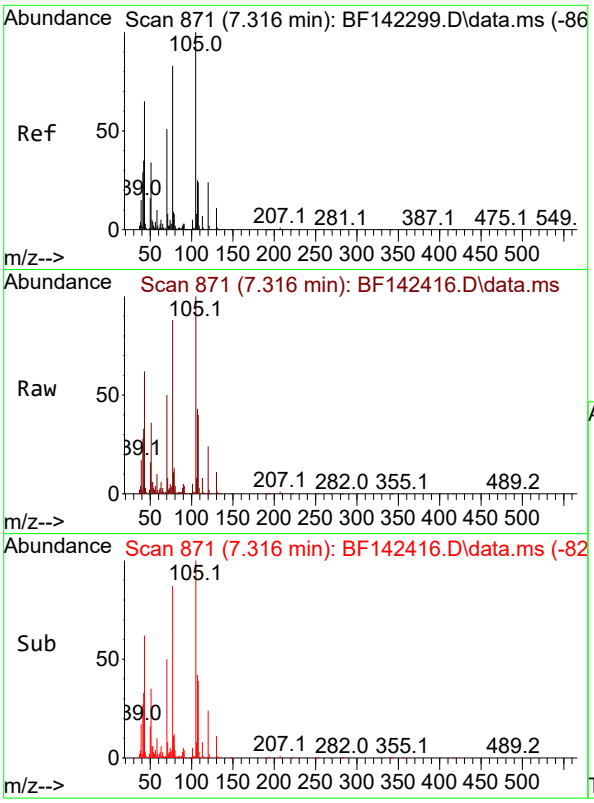


#18
Hexachloroethane
Concen: 42.677 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:117 Resp: 166147

Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.9	115.3
201	104.2	78.0	117.0

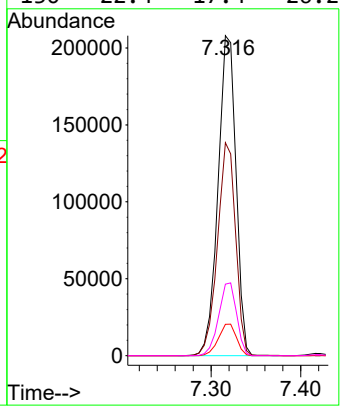




#19
n-Nitroso-di-n-propylamine
Concen: 39.945 ng
RT: 7.316 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion: 70 Resp: 28968

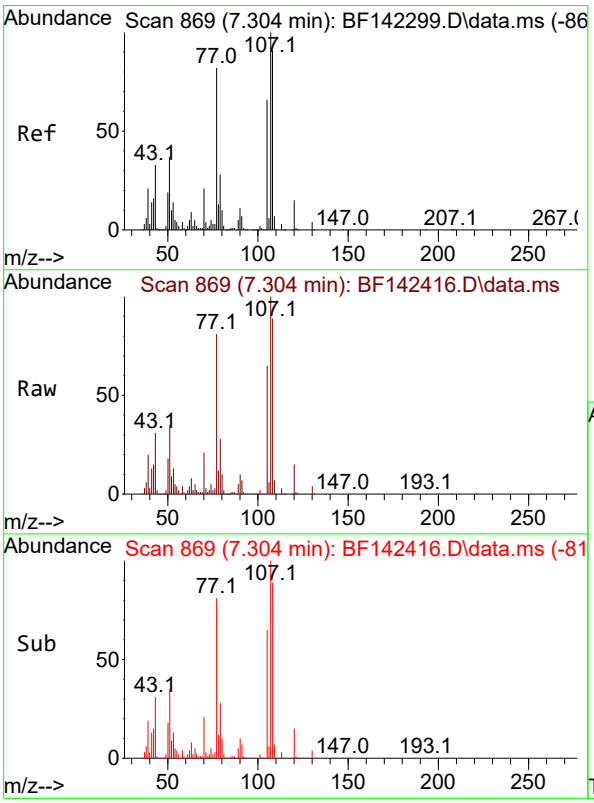
Ion	Ratio	Lower	Upper
70	100		
42	66.6	54.8	82.2
101	9.8	7.7	11.5
130	22.4	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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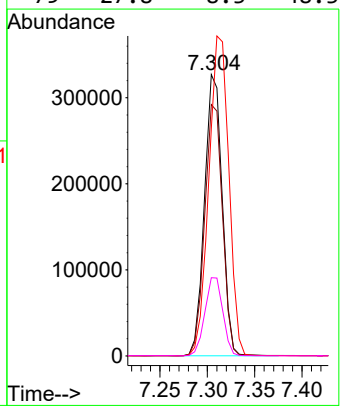
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

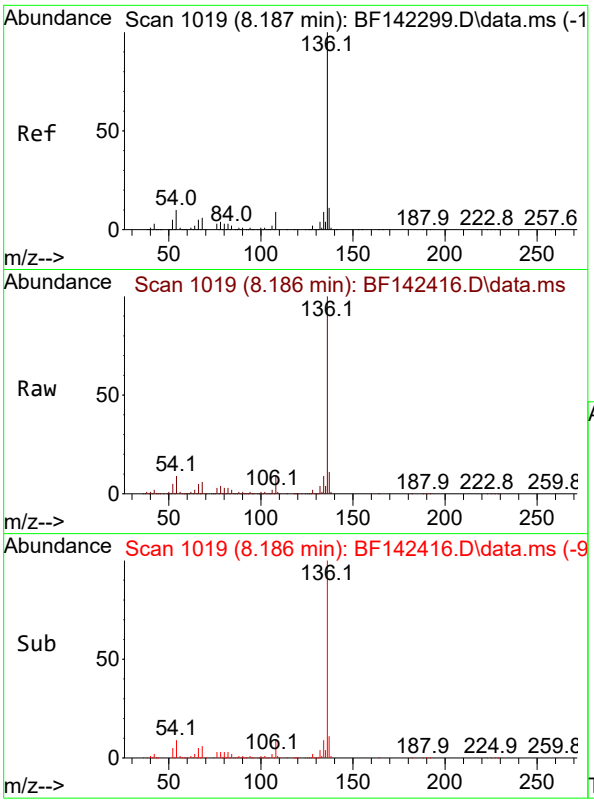


#20
3+4-Methylphenols
Concen: 41.184 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:107 Resp: 423880

Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.5	111.5
77	80.8	61.6	101.6
79	27.8	8.3	48.3

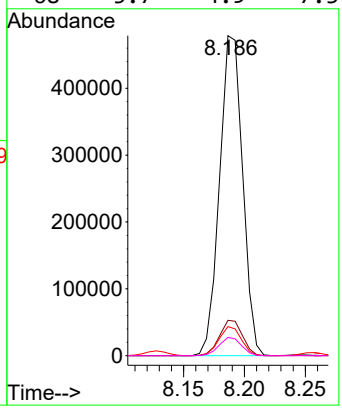




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:136 Resp: 63147

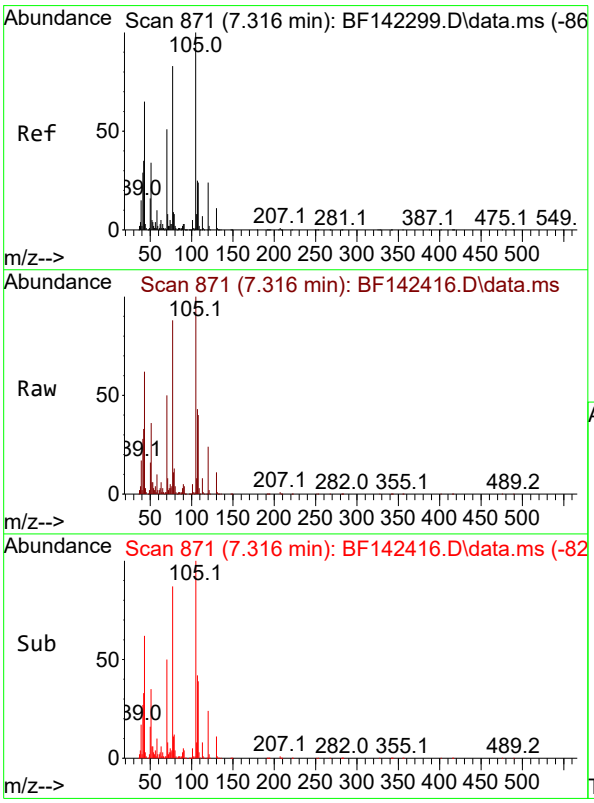
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.1	7.7	11.5
68	5.7	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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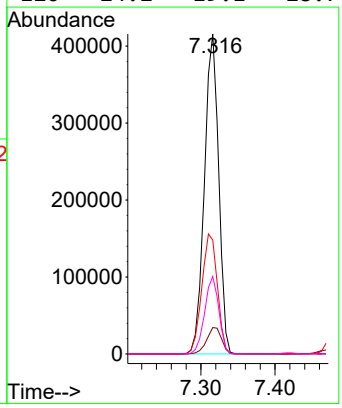
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

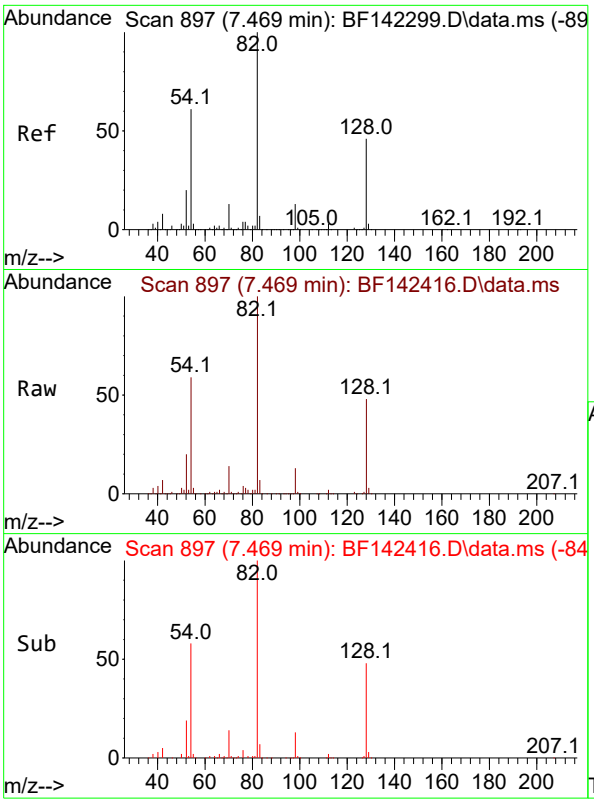


#22
Acetophenone
Concen: 39.525 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:105 Resp: 554950

Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.7	10.1
51	35.6	27.6	41.4
120	24.2	19.1	28.7

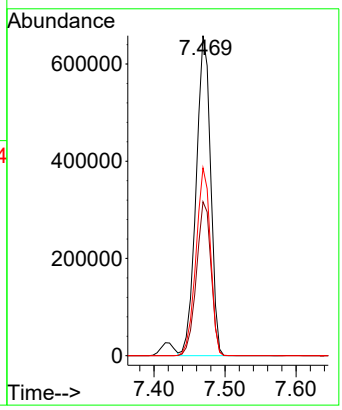




#23
Nitrobenzene-d5
Concen: 90.190 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion: 82 Resp: 93385

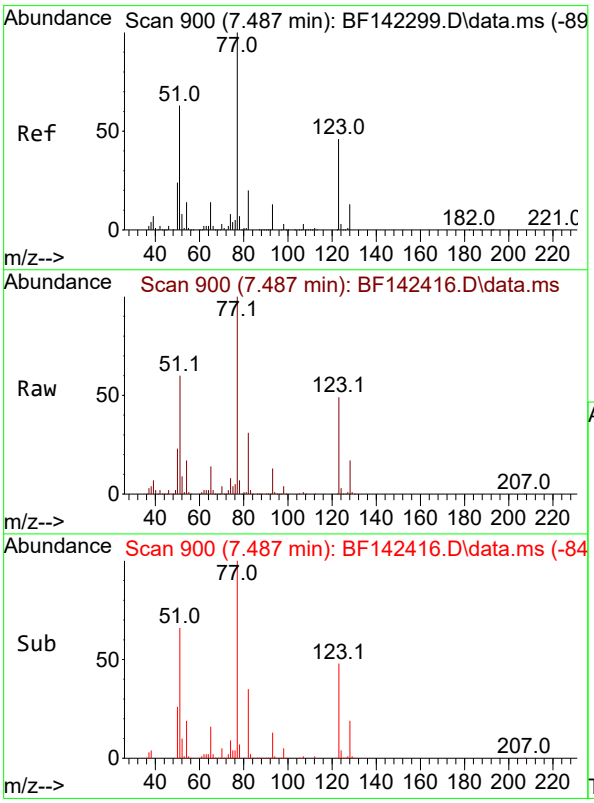
Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.0	55.6
54	58.7	48.6	73.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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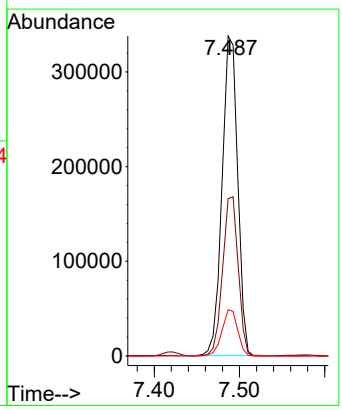
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

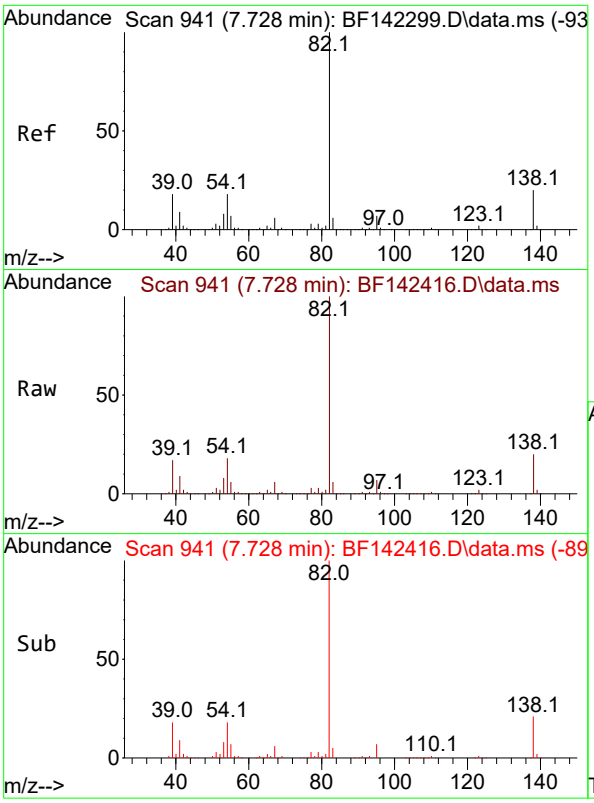


#24
Nitrobenzene
Concen: 44.065 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion: 77 Resp: 430088

Ion	Ratio	Lower	Upper
77	100		
123	49.1	37.8	56.8
65	14.5	11.4	17.0





#25
Isophorone
Concen: 40.366 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

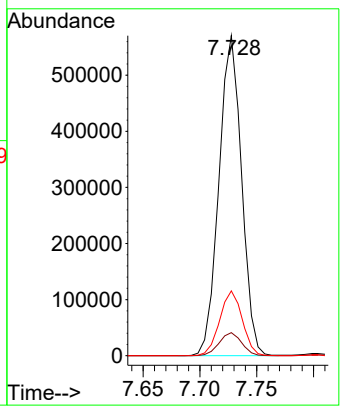
Tgt Ion: 82 Resp: 79147

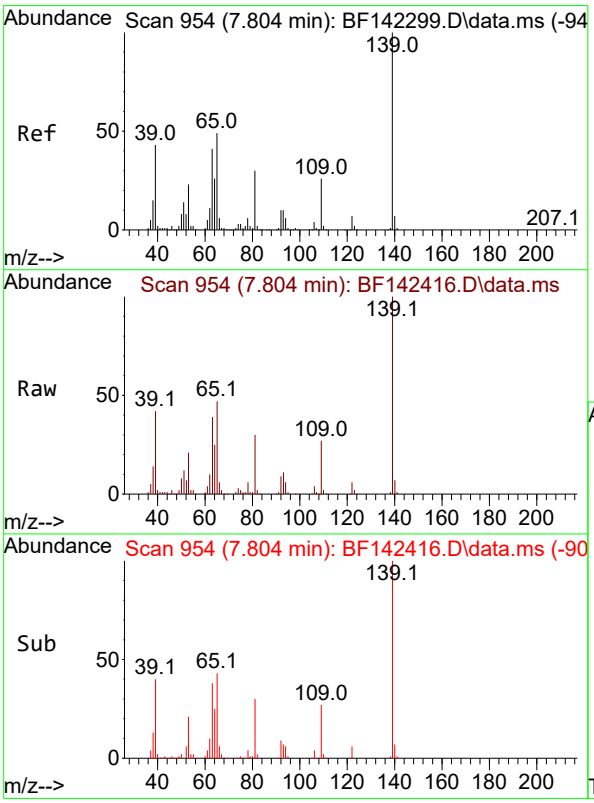
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	20.2	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

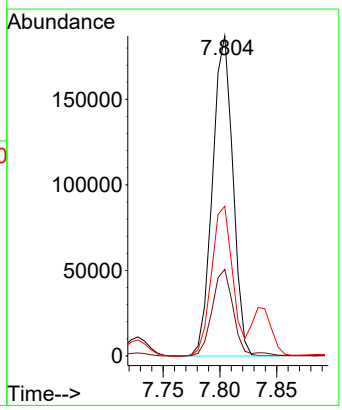


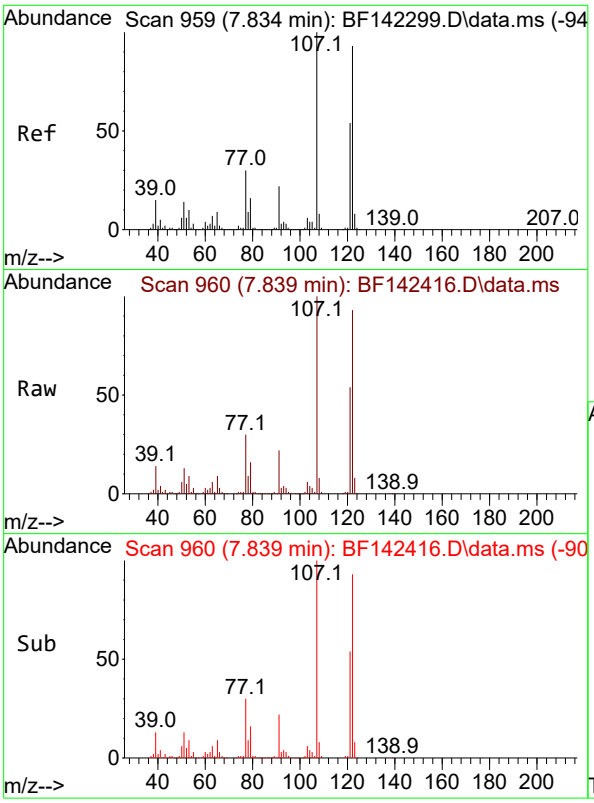


#26
2-Nitrophenol
Concen: 49.575 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:139 Resp: 233915

Ion	Ratio	Lower	Upper
139	100		
109	27.1	20.8	31.2
65	46.8	38.9	58.3

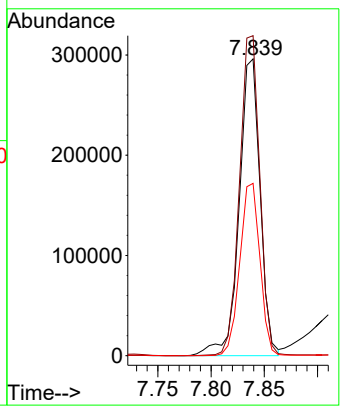




#27
2,4-Dimethylphenol
Concen: 41.201 ng
RT: 7.839 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:122 Resp: 40616

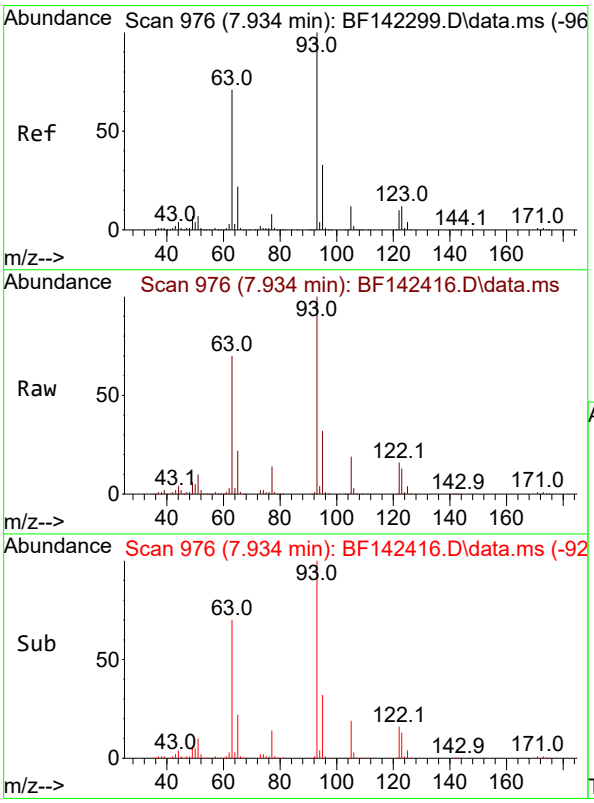
Ion	Ratio	Lower	Upper
122	100		
107	107.8	86.0	129.0
121	58.1	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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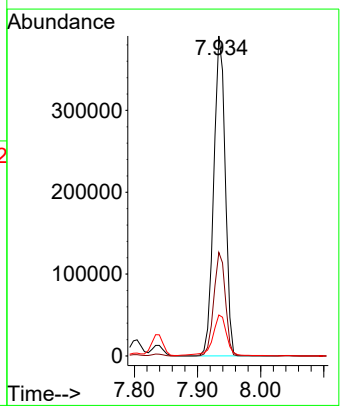
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

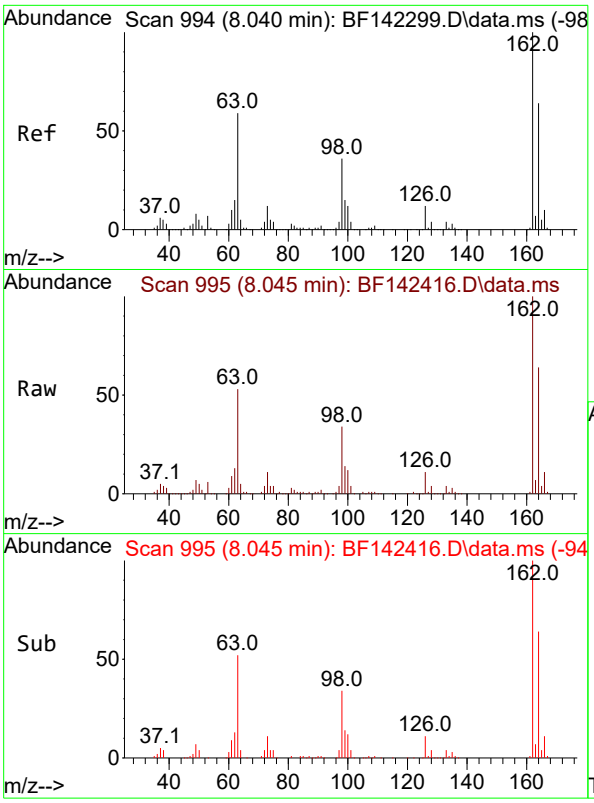


#28
bis(2-Chloroethoxy)methane
Concen: 39.192 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion: 93 Resp: 494120

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.1	39.1
123	12.8	10.2	15.4

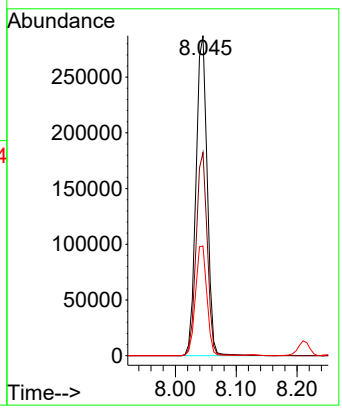




#29
2,4-Dichlorophenol
Concen: 43.810 ng
RT: 8.045 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:162 Resp: 36717

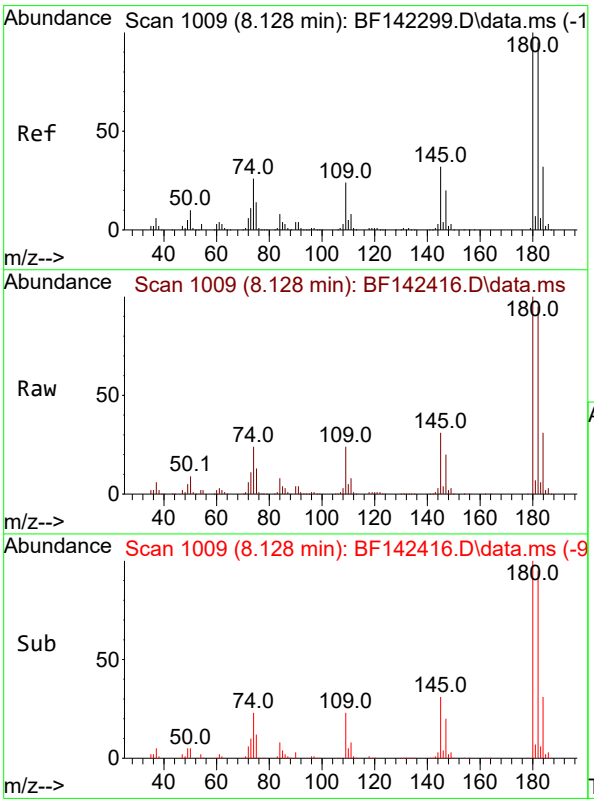
Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.6	83.6
98	34.3	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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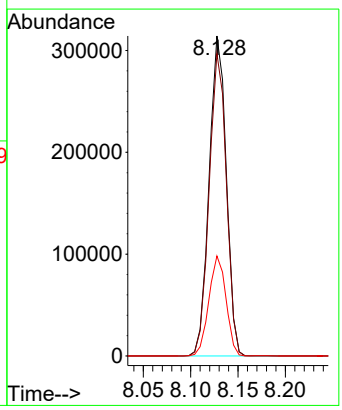
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

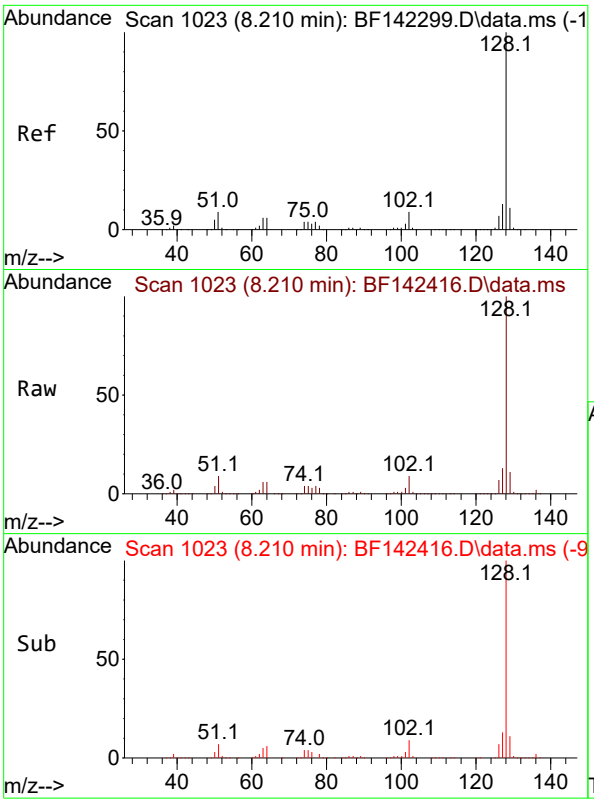


#30
1,2,4-Trichlorobenzene
Concen: 41.951 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:180 Resp: 395686

Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.2	114.4
145	31.2	25.8	38.6





#31
Naphthalene
Concen: 40.595 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

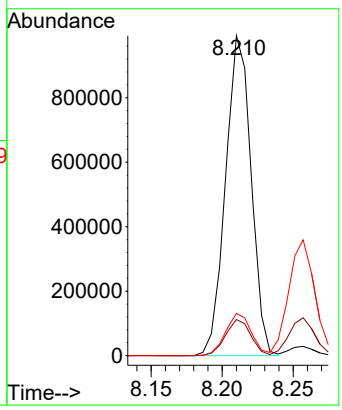
Tgt Ion:128 Resp: 124239

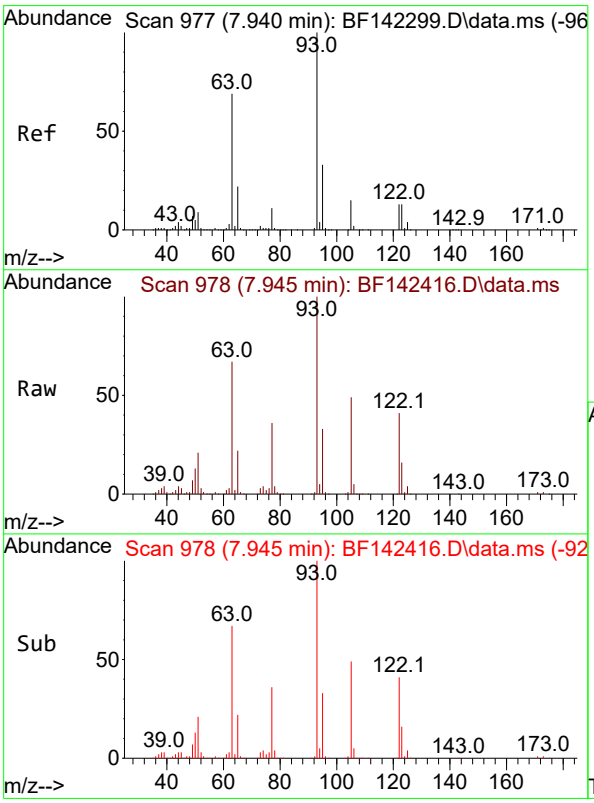
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.2	10.5	15.7

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

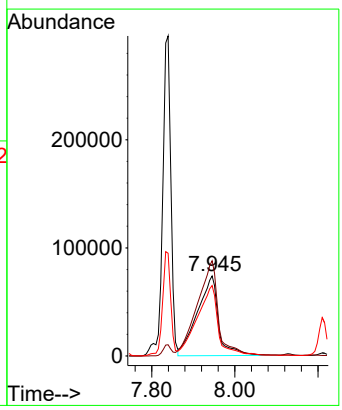


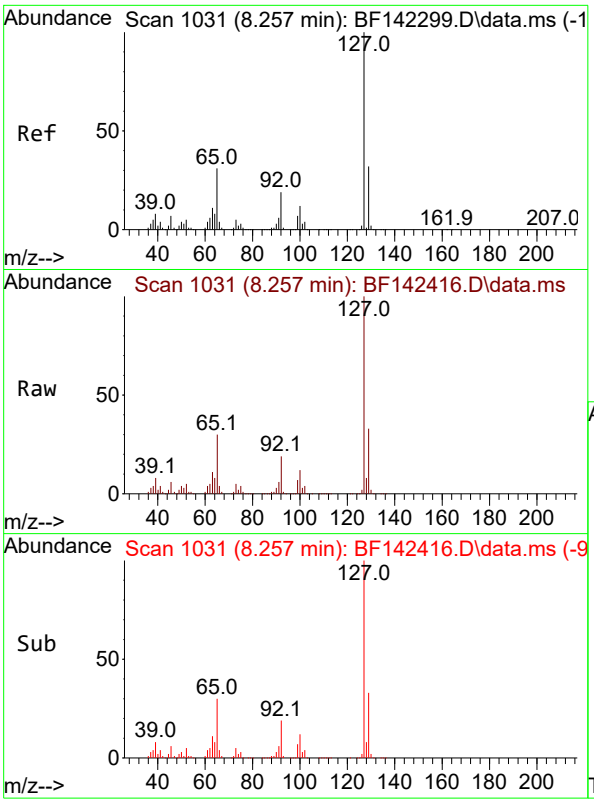


#32
Benzoic acid
Concen: 48.994 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.005 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:122 Resp: 260687

Ion	Ratio	Lower	Upper
122	100		
105	118.8	97.9	137.9
77	88.0	67.7	107.7

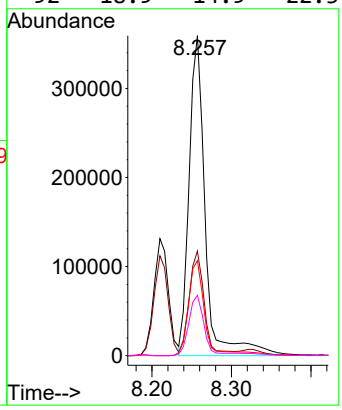




#33
4-Chloroaniline
Concen: 40.739 ng m
RT: 8.257 min Scan# 1
Delta R.T. -0.010 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:127 Resp: 50875

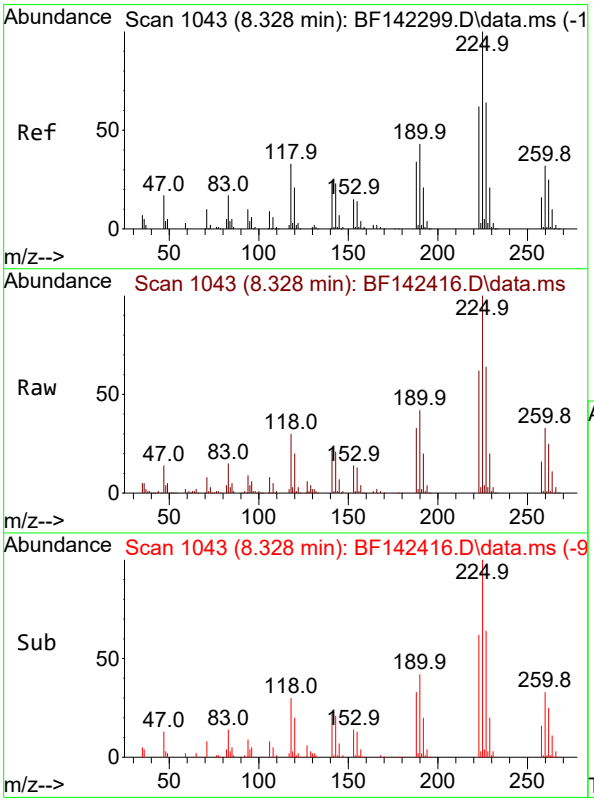
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	29.7	24.9	37.3
92	18.9	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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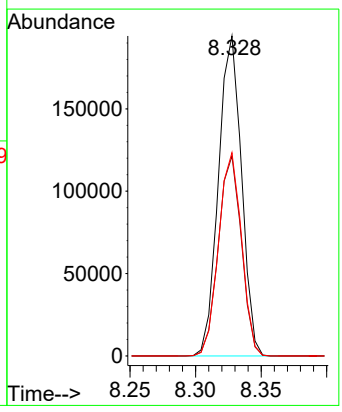
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

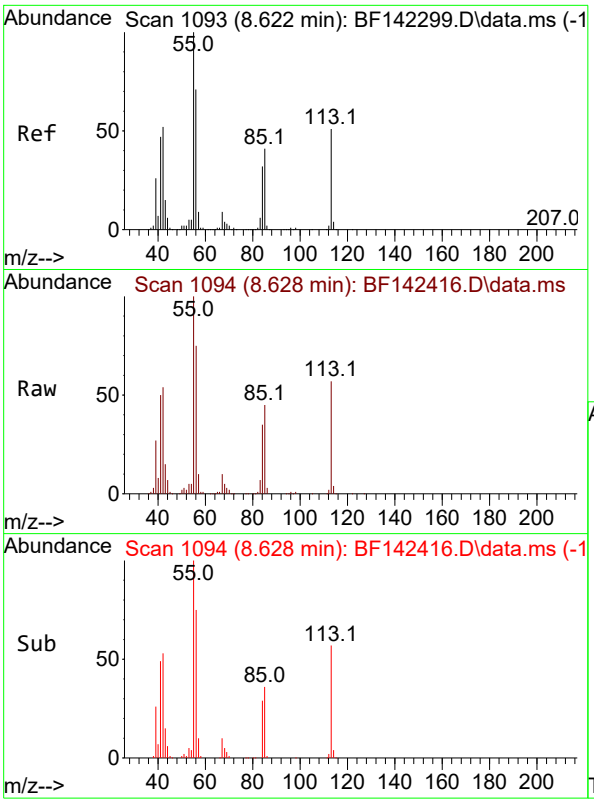


#34
Hexachlorobutadiene
Concen: 42.439 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:225 Resp: 237031

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.8	74.6
227	63.5	50.9	76.3





#35
Caprolactam
Concen: 46.524 ng
RT: 8.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

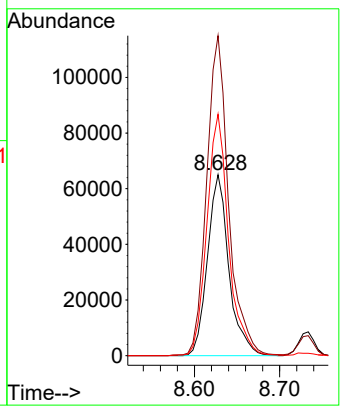
Tgt Ion:113 Resp: 11363

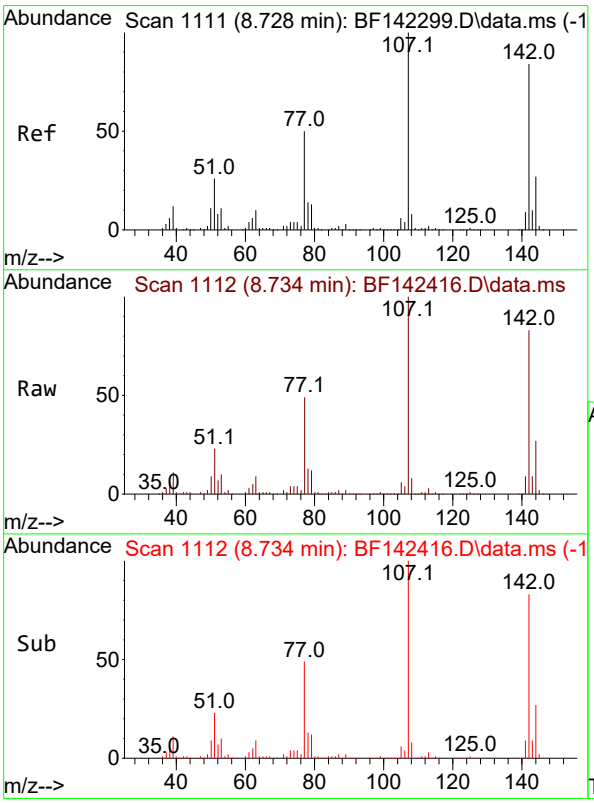
Ion	Ratio	Lower	Upper
113	100		
55	176.9	176.4	216.4
56	133.5	120.3	160.3

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

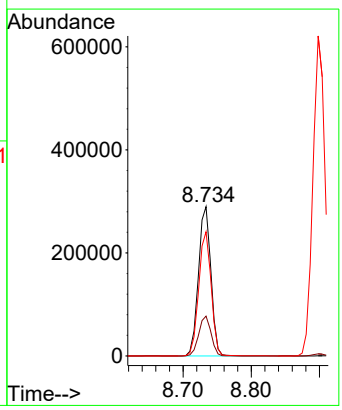


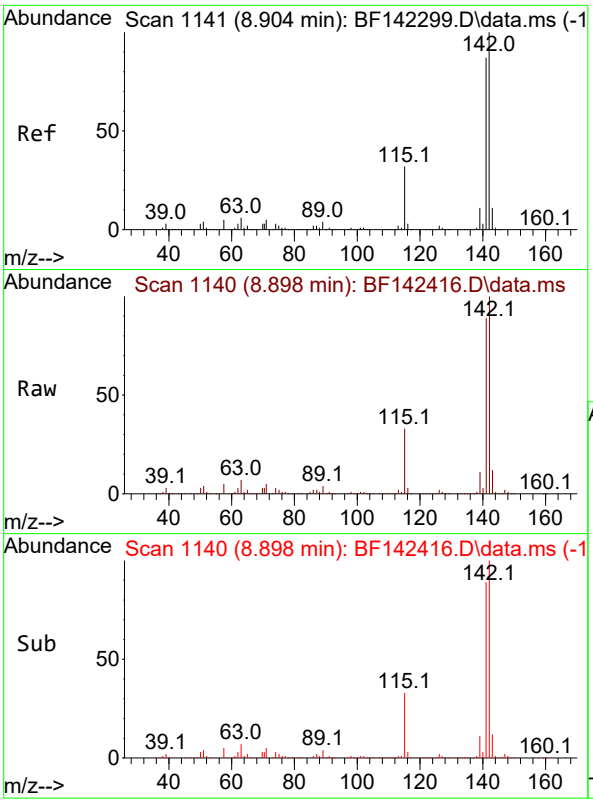


#36
4-Chloro-3-methylphenol
Concen: 42.265 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:107 Resp: 368220

Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.3	31.9
142	83.2	66.9	100.3





#37
2-Methylnaphthalene
Concen: 40.384 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

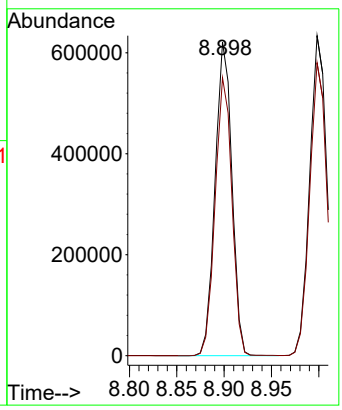
Tgt Ion:142 Resp: 76800

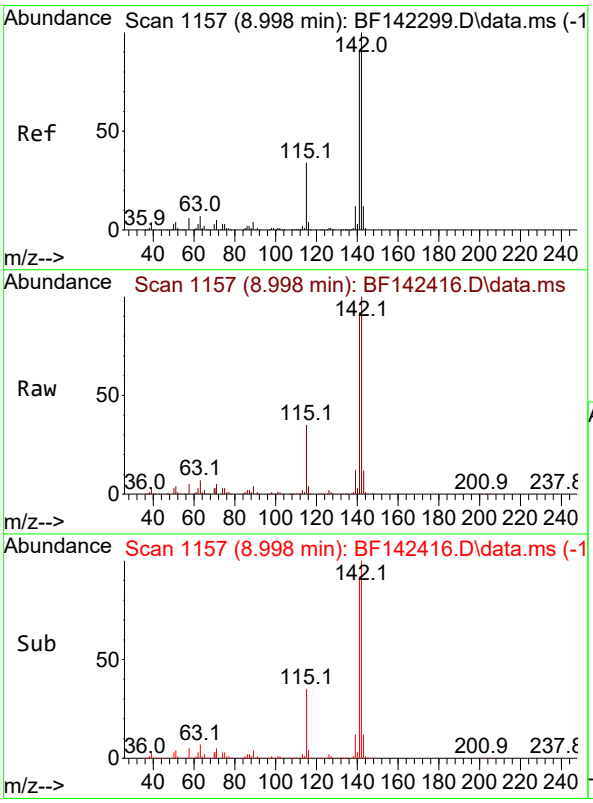
Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.4	104.2

Instrument :
BNA_F
ClientSampleId :
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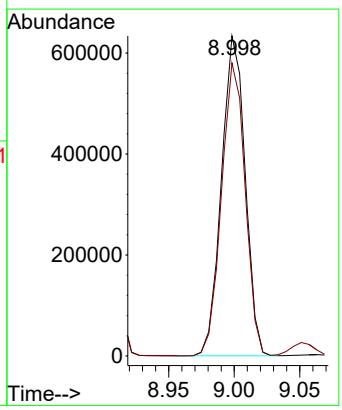


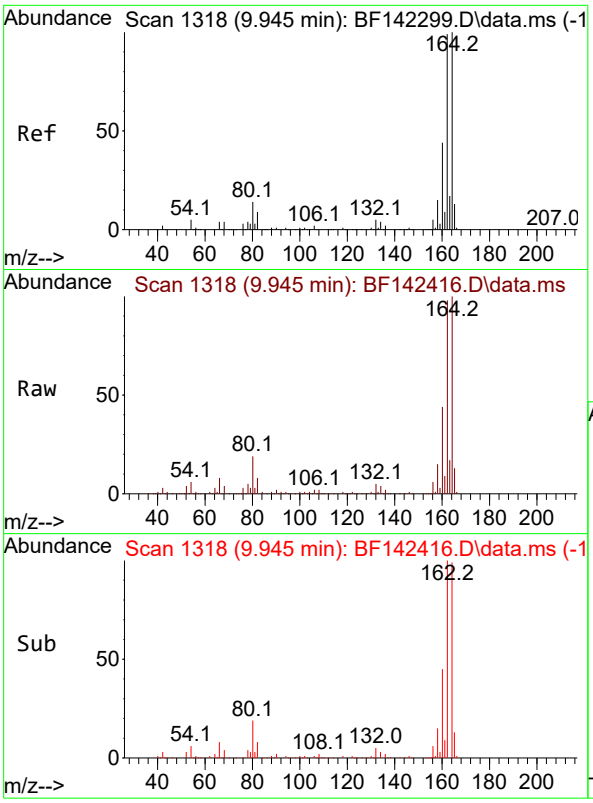


#38
1-Methylnaphthalene
Concen: 40.068 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:142 Resp: 794187

Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.5	108.7

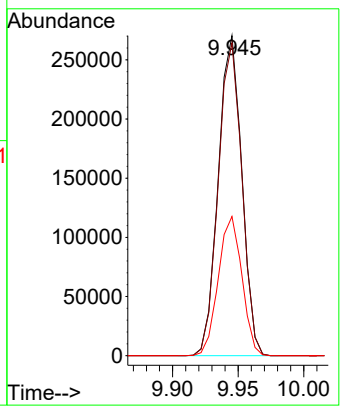




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:164 Resp: 33729

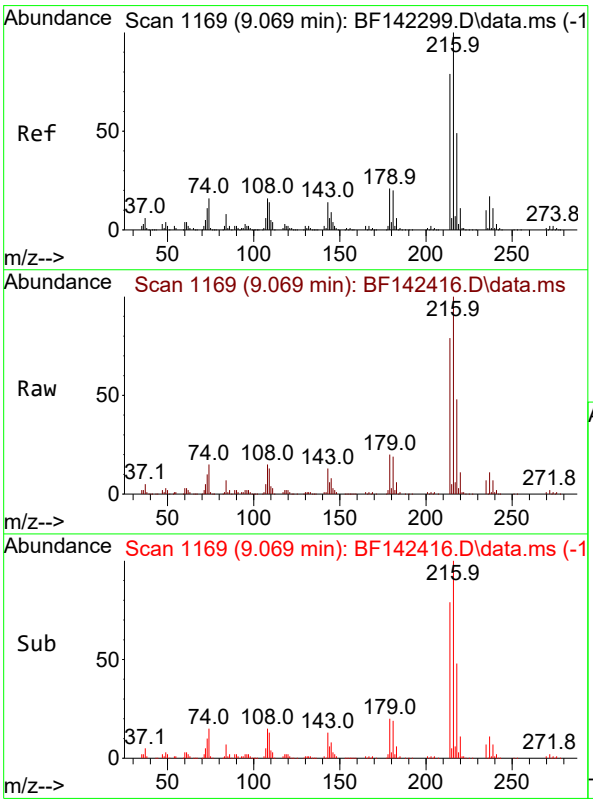
Ion	Ratio	Lower	Upper
164	100		
162	97.8	79.2	118.8
160	43.5	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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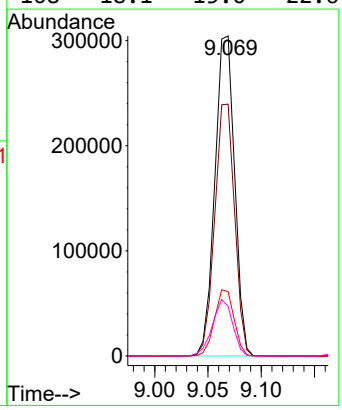
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

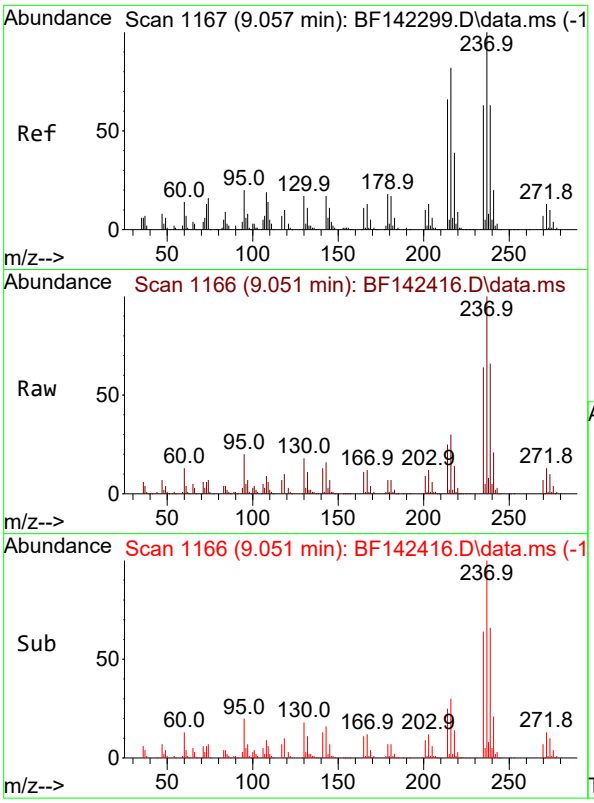


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.609 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:216 Resp: 391966

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	20.4	17.0	25.6
108	18.1	15.0	22.6

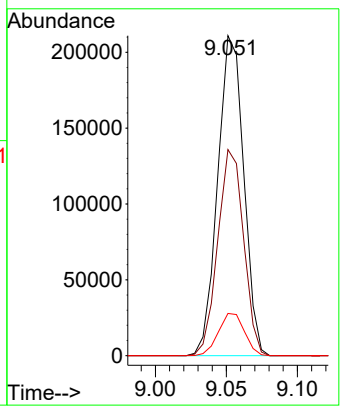




#41
Hexachlorocyclopentadiene
Concen: 46.168 ng
RT: 9.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:237 Resp: 26878

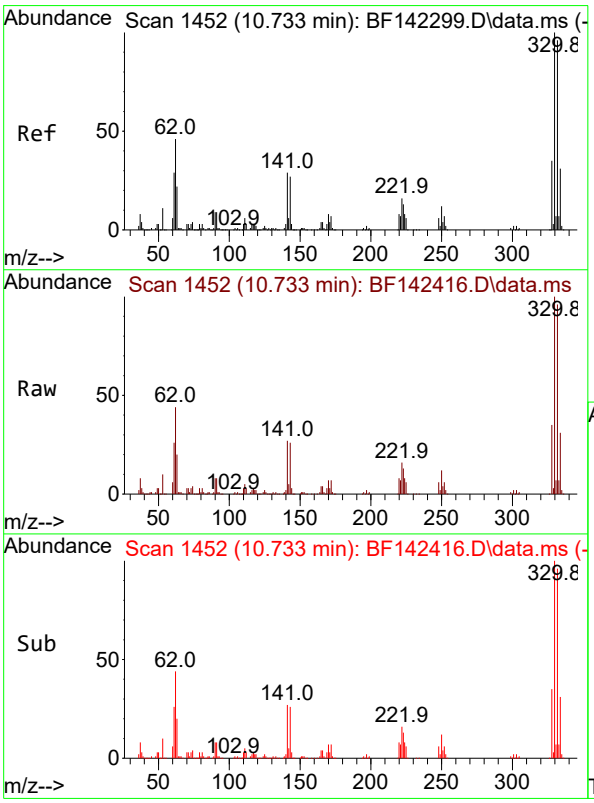
Ion	Ratio	Lower	Upper
237	100		
235	64.4	42.8	82.8
272	13.2	0.0	33.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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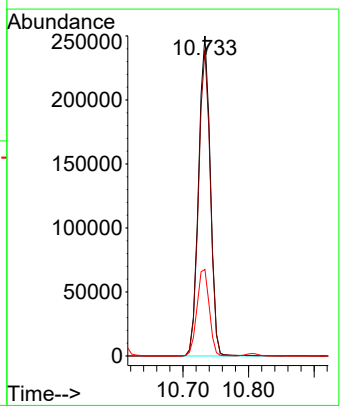
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

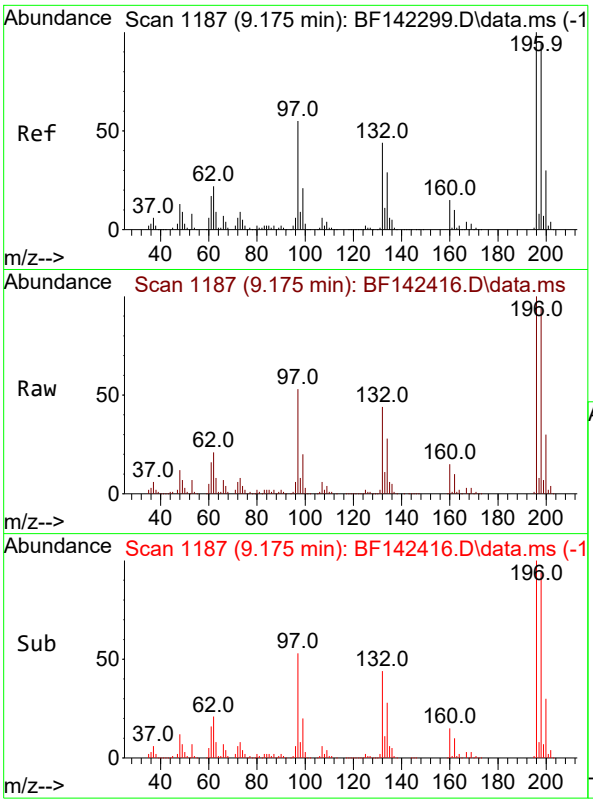


#42
2,4,6-Tribromophenol
Concen: 95.687 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:330 Resp: 311607

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	28.4	24.9	37.3

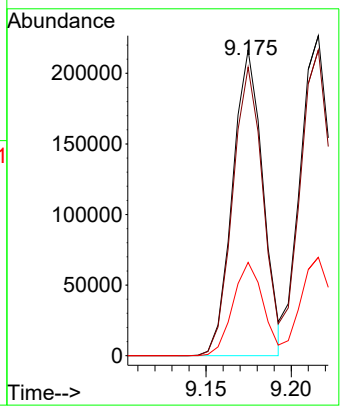




#43
2,4,6-Trichlorophenol
Concen: 45.128 ng
RT: 9.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:196 Resp: 26815

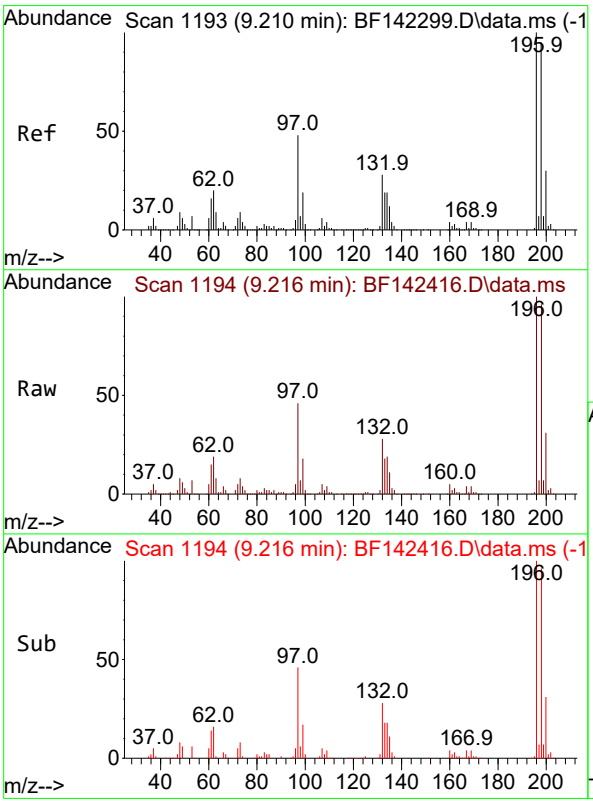
Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.4	113.0
200	30.5	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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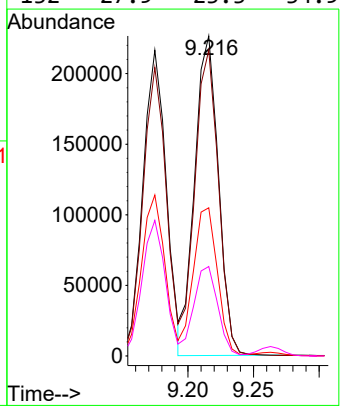
Reviewed By :Rahul Chavli 05/19/2025
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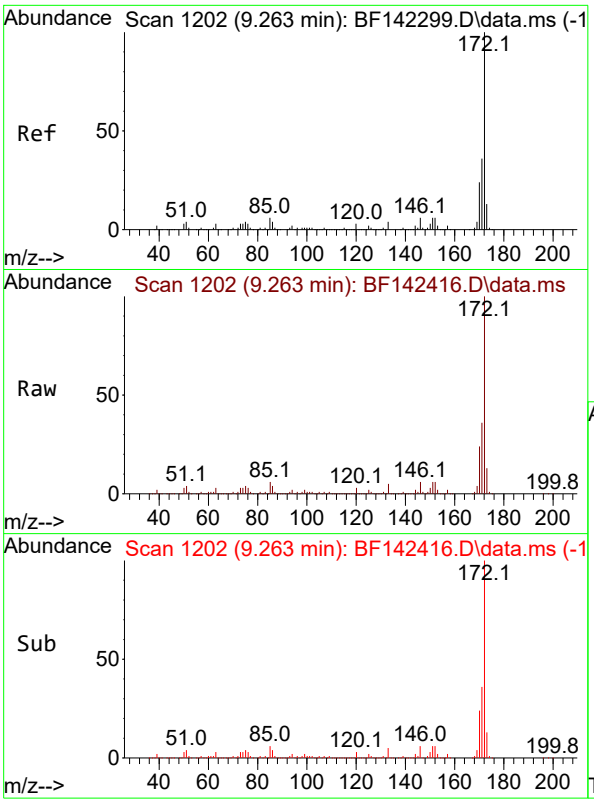


#44
2,4,5-Trichlorophenol
Concen: 45.099 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:196 Resp: 285134

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.1	114.1
97	46.3	39.0	58.4
132	27.9	23.3	34.9

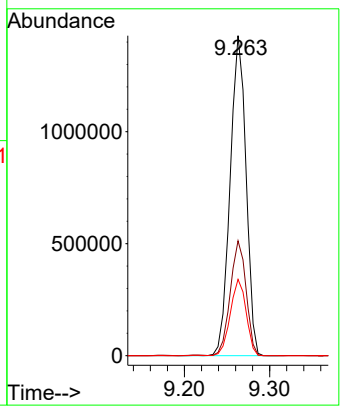




#45
2-Fluorobiphenyl
Concen: 78.241 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:172 Resp: 185080

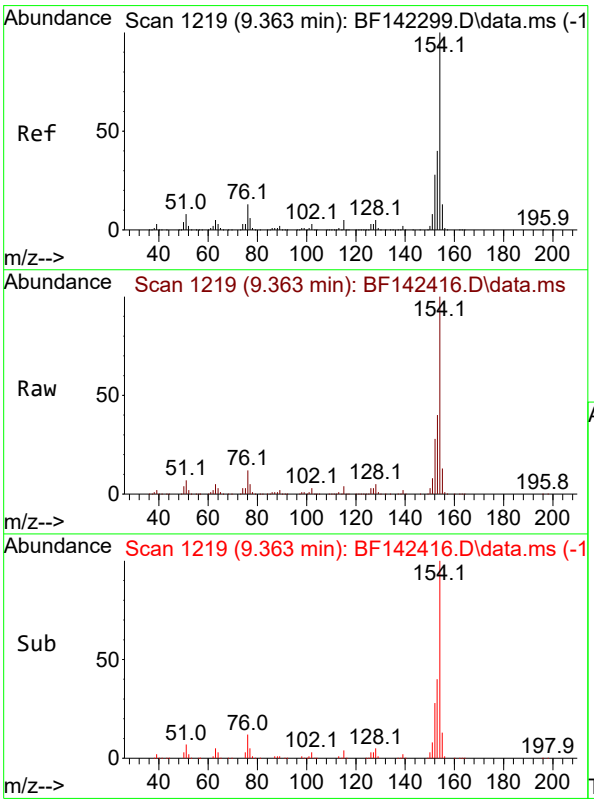
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.8	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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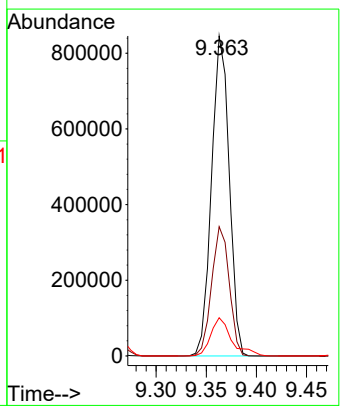
Reviewed By :Rahul Chavli 05/19/2025
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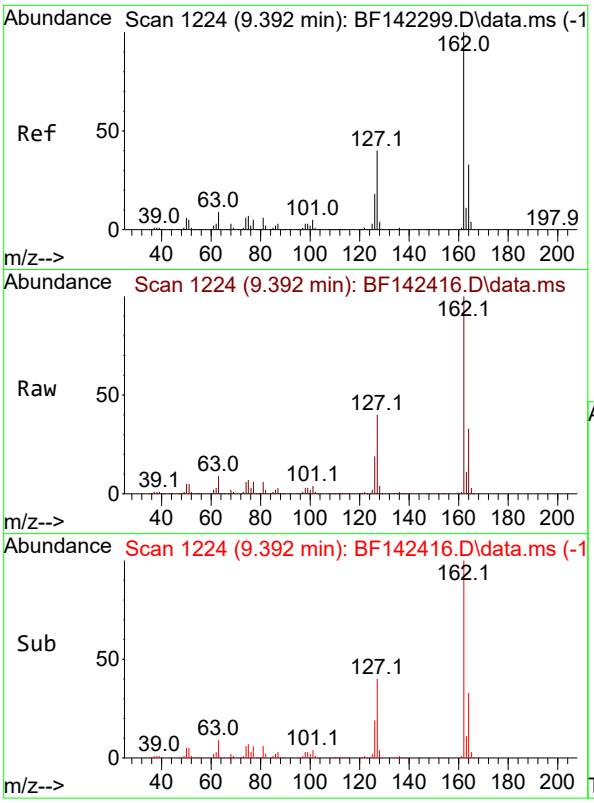


#46
1,1'-Biphenyl
Concen: 40.069 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:154 Resp: 1036263

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	11.9	0.0	32.8

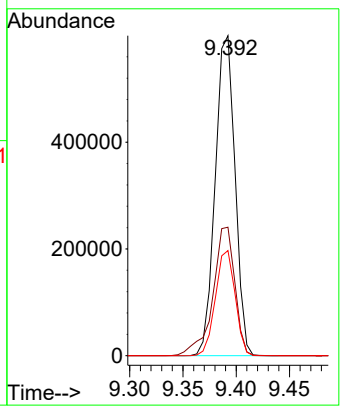




#47
2-Chloronaphthalene
Concen: 40.259 ng
RT: 9.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:162 Resp: 77429

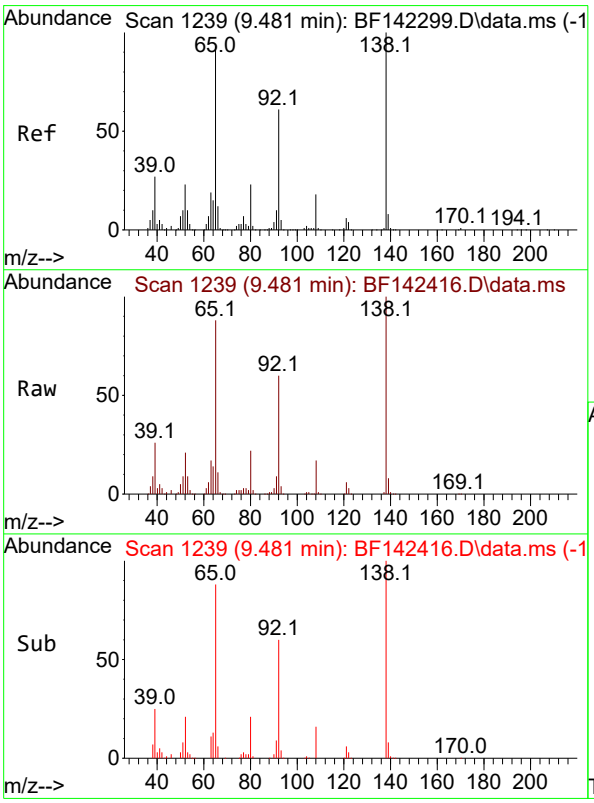
Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.3	48.5
164	32.9	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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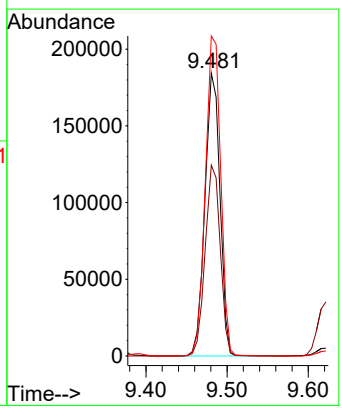
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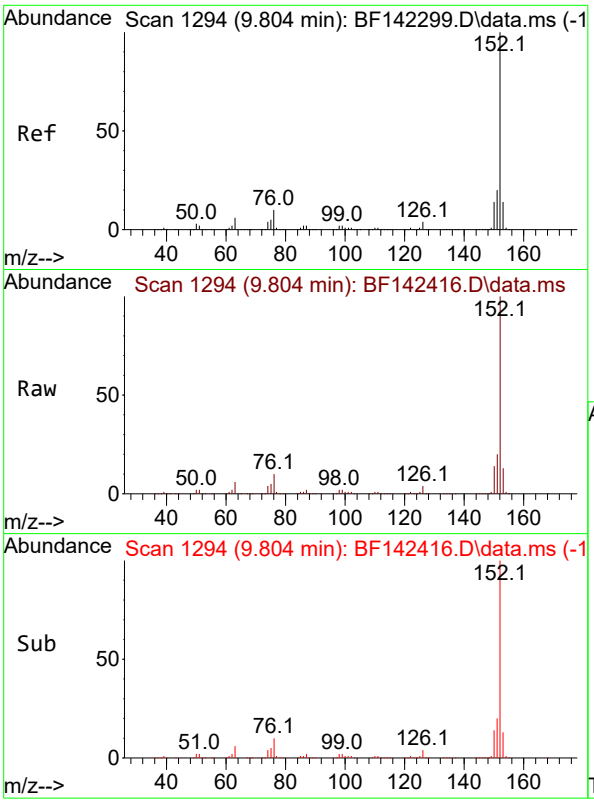


#48
2-Nitroaniline
Concen: 48.113 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion: 65 Resp: 237183

Ion	Ratio	Lower	Upper
65	100		
92	67.5	52.3	78.5
138	113.2	85.6	128.4

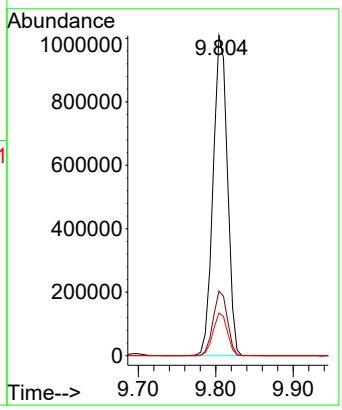




#49
Acenaphthylene
Concen: 40.227 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:152 Resp: 129425

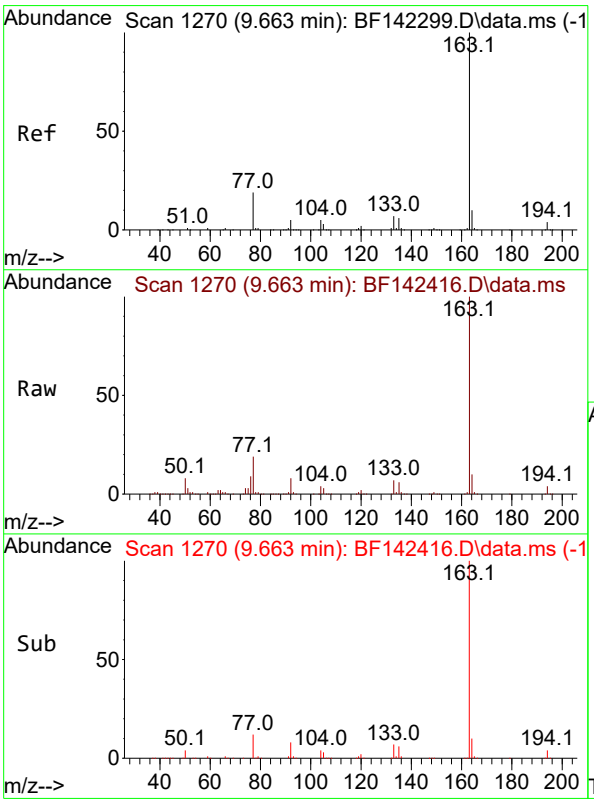
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.4	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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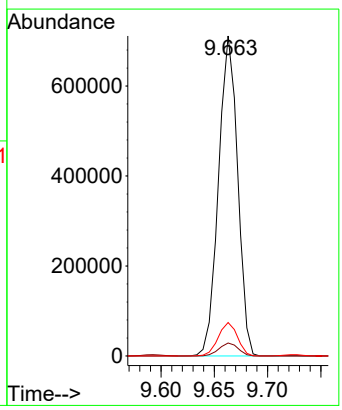
Reviewed By :Rahul Chavli 05/19/2025
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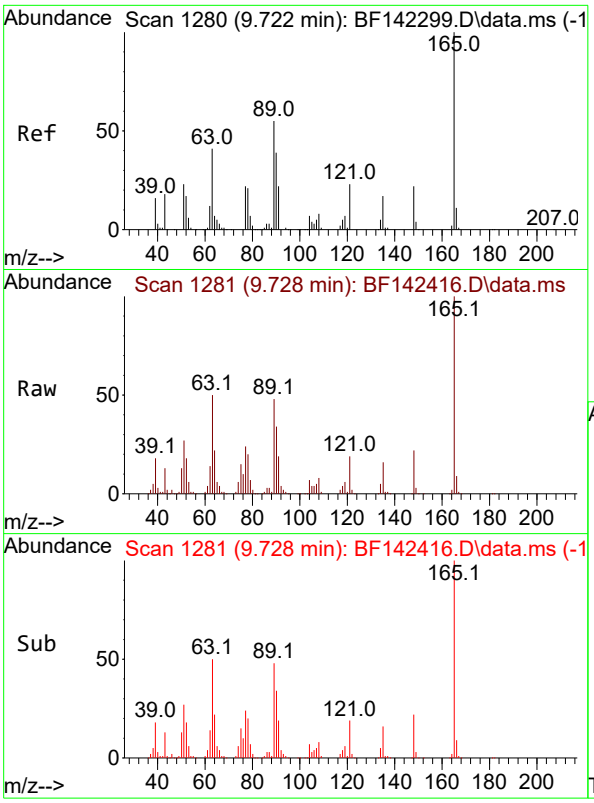


#50
Dimethylphthalate
Concen: 40.962 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:163 Resp: 887169

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 48.841 ng
RT: 9.728 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

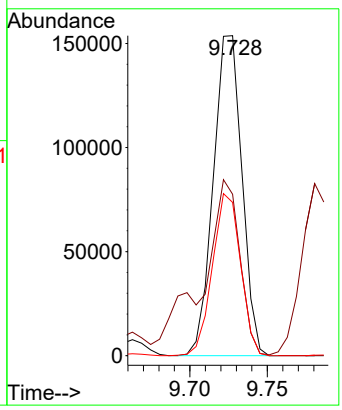
Tgt Ion:165 Resp: 19800

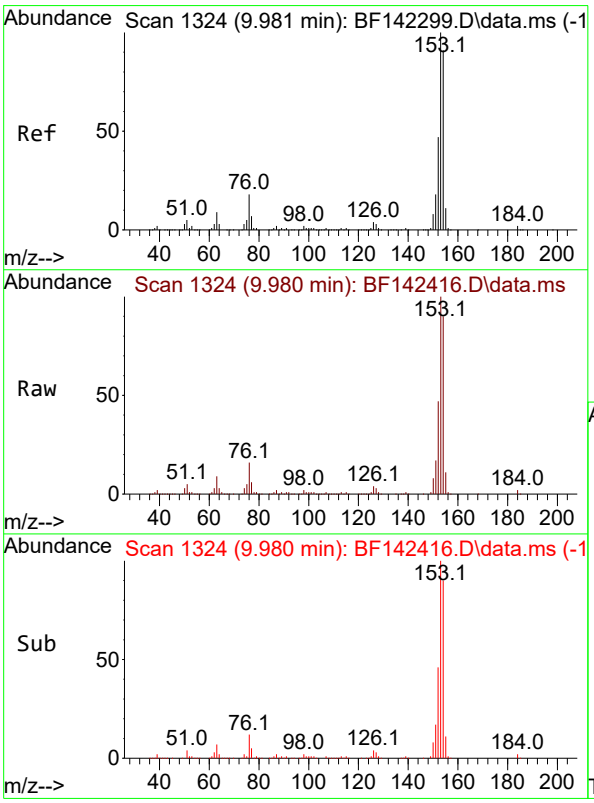
Ion	Ratio	Lower	Upper
165	100		
63	50.5	49.5	74.3
89	47.9	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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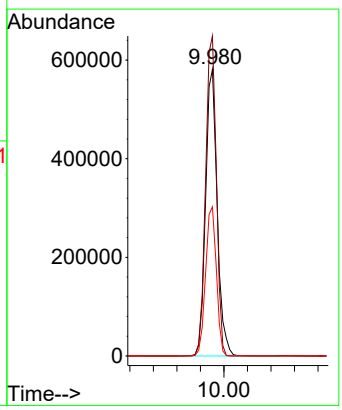


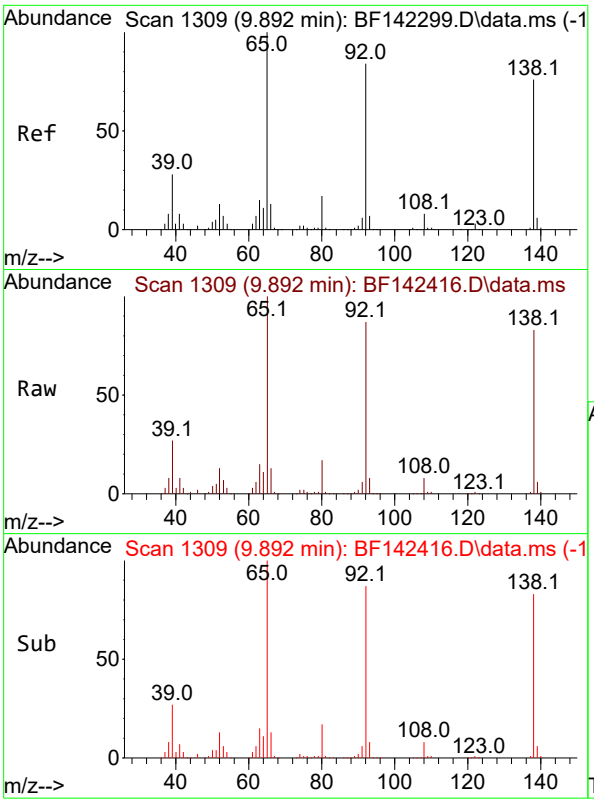


#52
Acenaphthene
Concen: 41.243 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:154 Resp: 797863

Ion	Ratio	Lower	Upper
154	100		
153	111.6	88.0	132.0
152	52.0	41.6	62.4





#53
3-Nitroaniline
Concen: 48.176 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

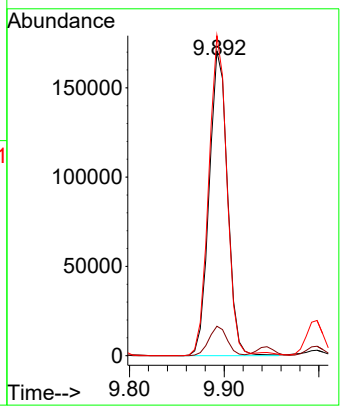
Tgt Ion:138 Resp: 22906

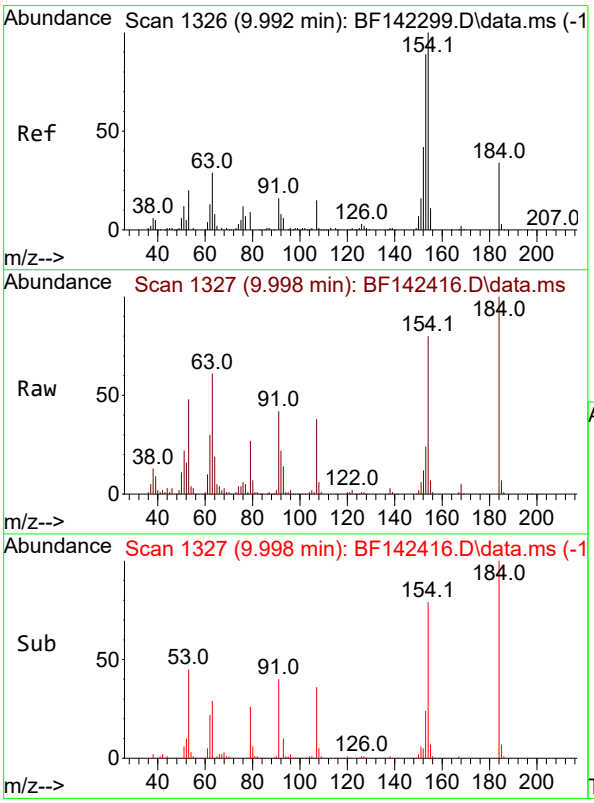
Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.7	13.1
92	105.0	89.5	134.3

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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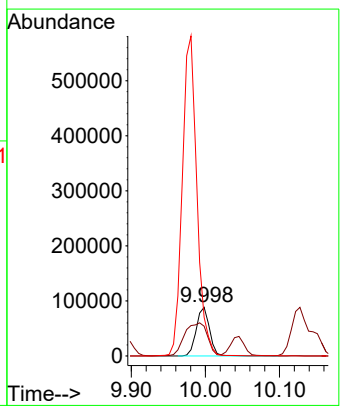


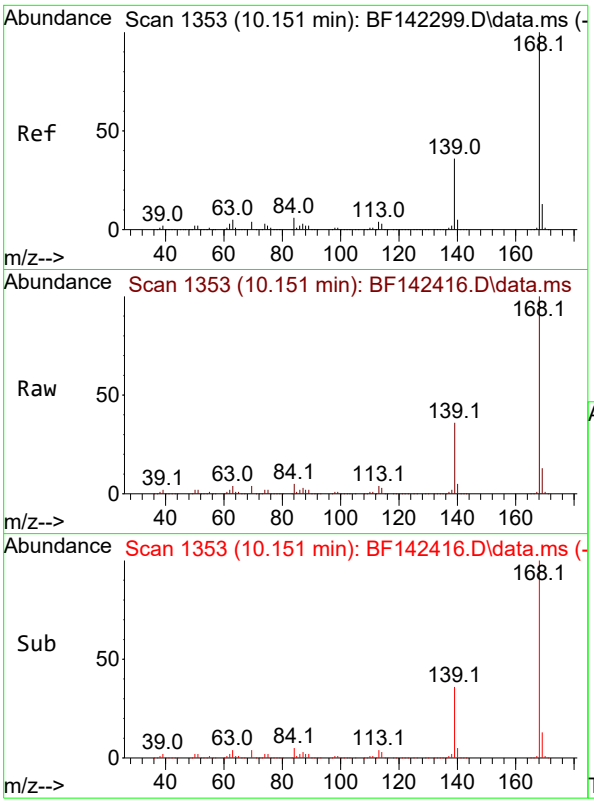


#54
2,4-Dinitrophenol
Concen: 54.430 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:184 Resp: 109701

Ion	Ratio	Lower	Upper
184	100		
63	61.2	70.6	105.8#
154	79.6	257.2	385.8#

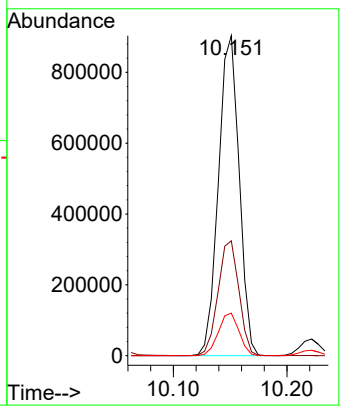




#55
Dibenzofuran
Concen: 40.139 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:168 Resp: 114599

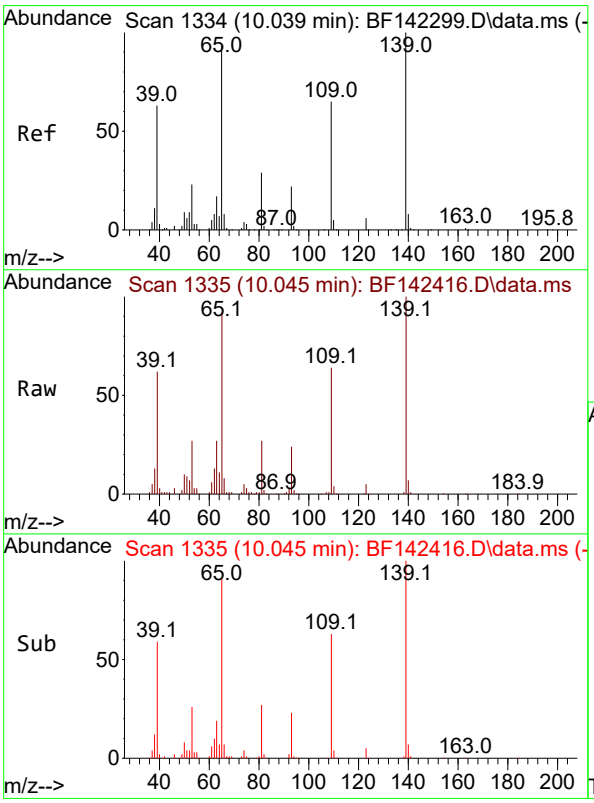
Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.0	43.4
169	13.3	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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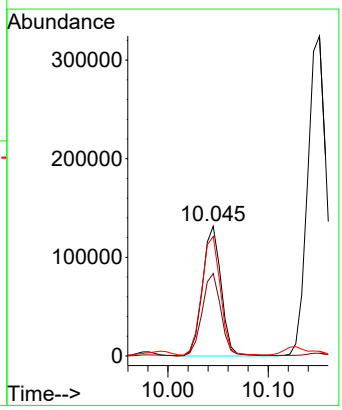
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

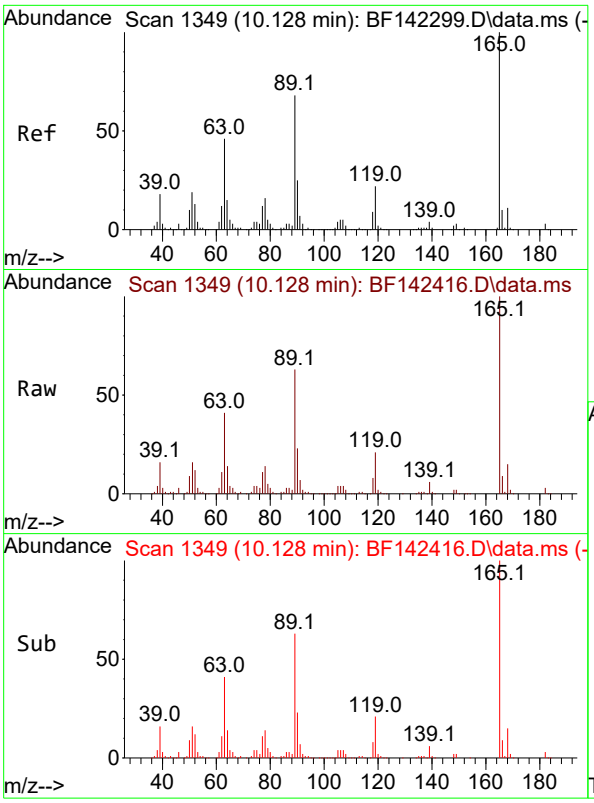


#56
4-Nitrophenol
Concen: 47.604 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:139 Resp: 170351

Ion	Ratio	Lower	Upper
139	100		
109	63.5	45.3	85.3
65	92.2	73.9	113.9

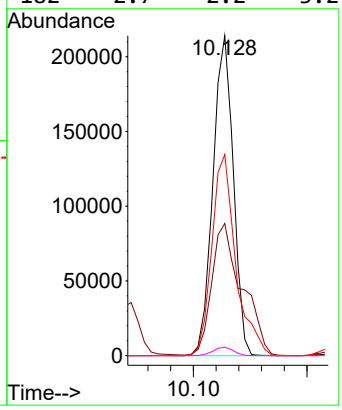




#57
2,4-Dinitrotoluene
Concen: 51.248 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:165 Resp: 26650

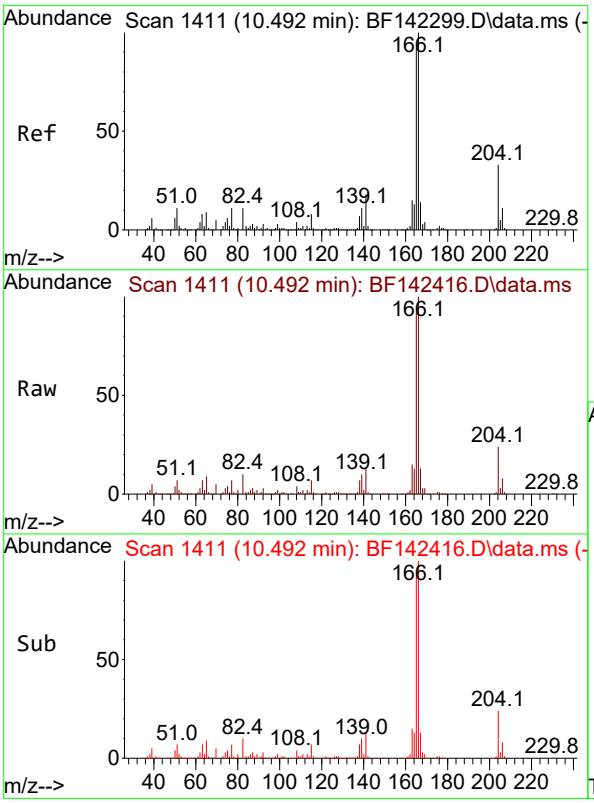
Ion	Ratio	Lower	Upper
165	100		
63	41.3	37.1	55.7
89	62.8	54.4	81.6
182	2.7	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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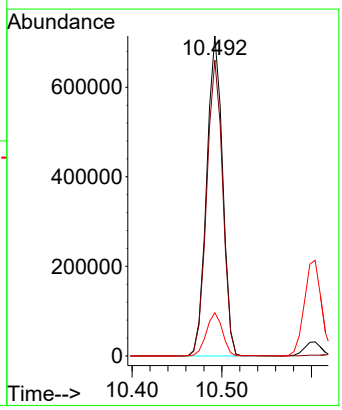
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

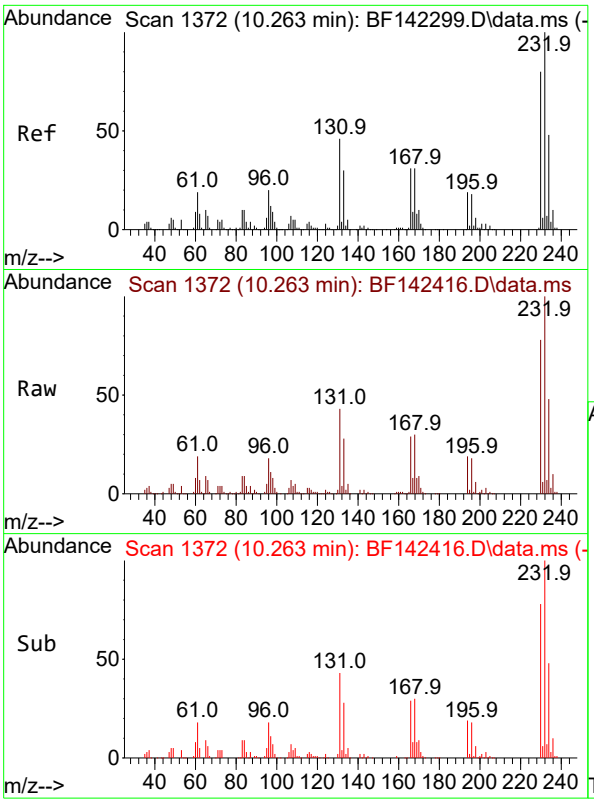


#58
Fluorene
Concen: 40.431 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:166 Resp: 880942

Ion	Ratio	Lower	Upper
166	100		
165	92.4	74.0	111.0
167	13.5	10.9	16.3

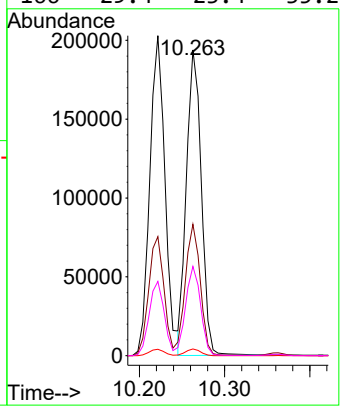




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.106 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:232 Resp: 23541

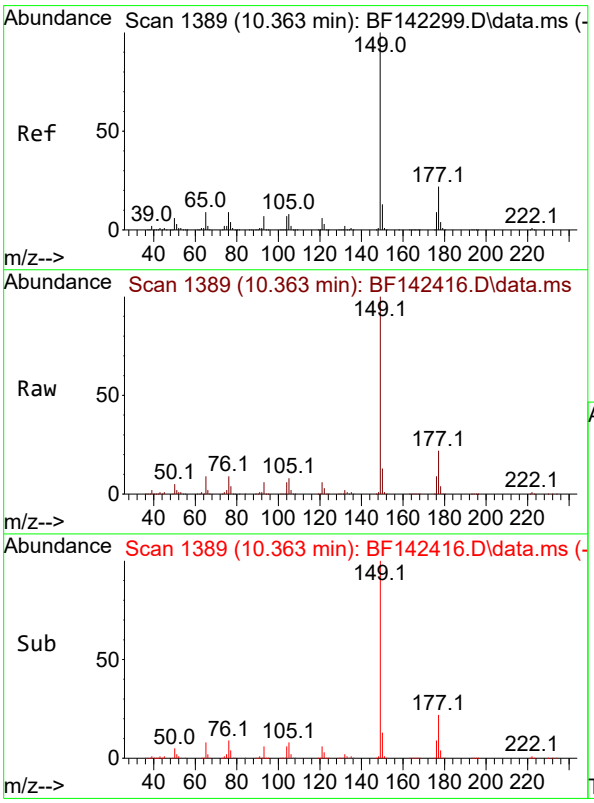
Ion	Ratio	Lower	Upper
232	100		
131	43.7	36.0	54.0
130	2.2	1.8	2.6
166	29.4	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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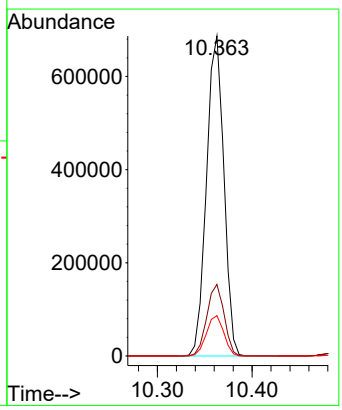
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

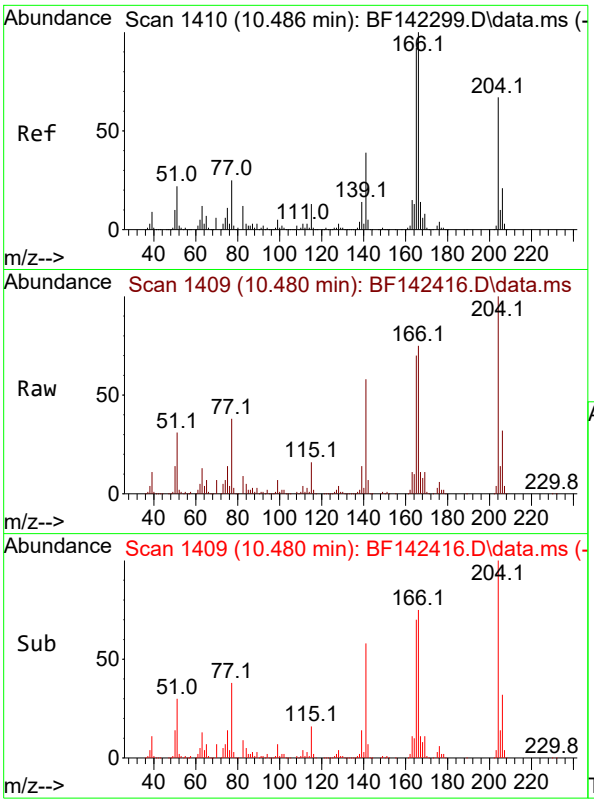


#60
Diethylphthalate
Concen: 40.323 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:149 Resp: 872157

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.6	26.4
150	12.6	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.259 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

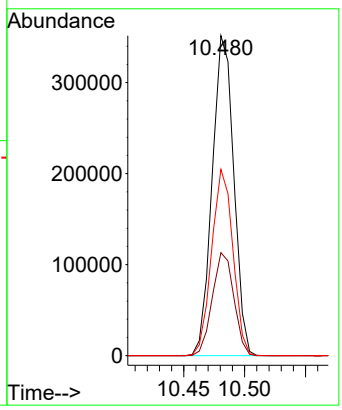
Tgt Ion:204 Resp: 43371

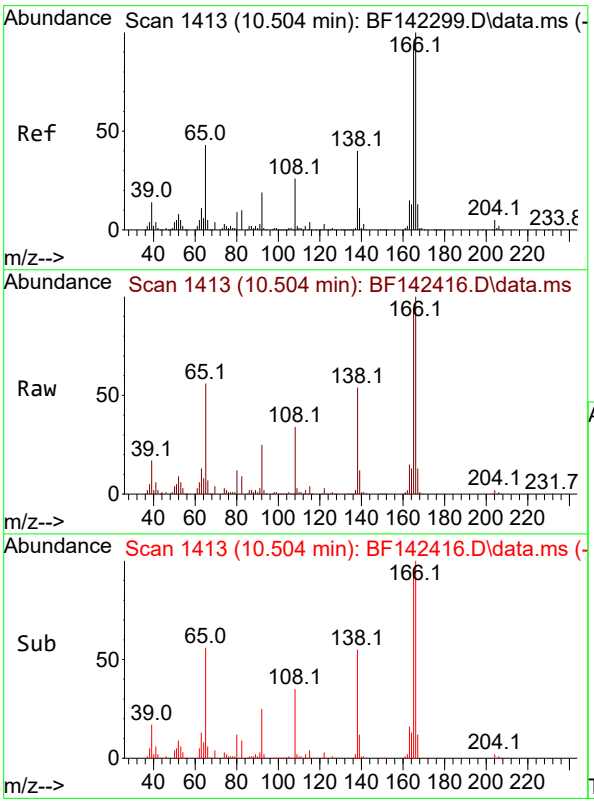
Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.5	38.3
141	58.2	46.4	69.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

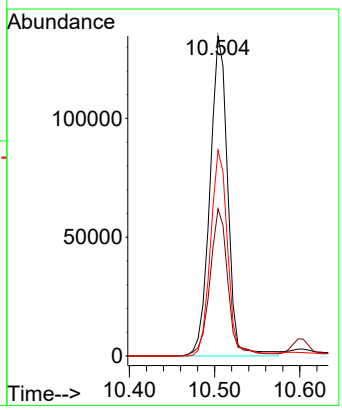


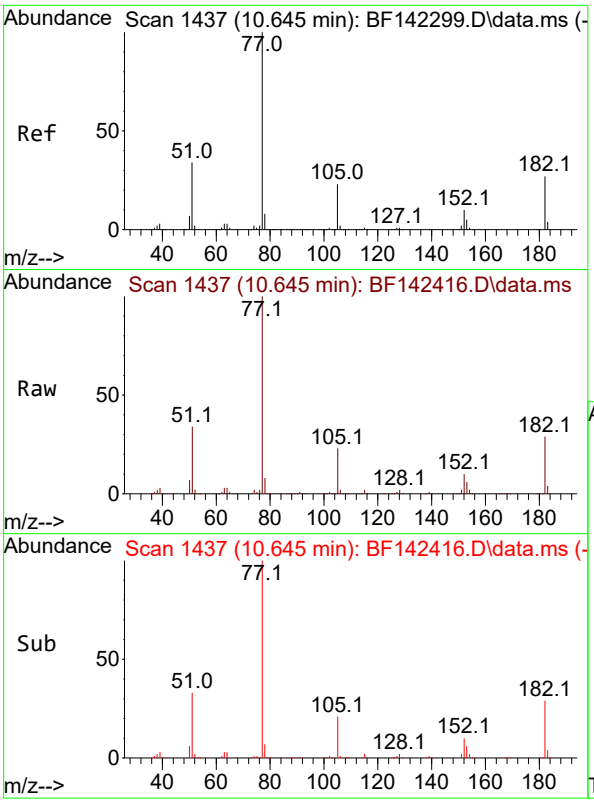


#62
4-Nitroaniline
Concen: 51.679 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:138 Resp: 194748

Ion	Ratio	Lower	Upper
138	100		
92	46.0	27.3	67.3
108	64.3	45.1	85.1

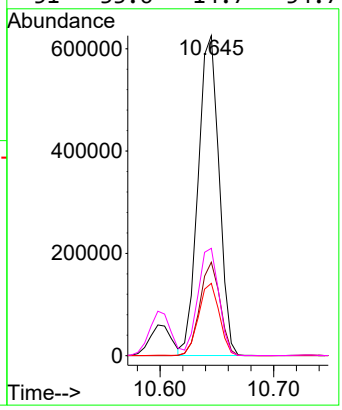




#63
Azobenzene
Concen: 38.726 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion: 77 Resp: 80040

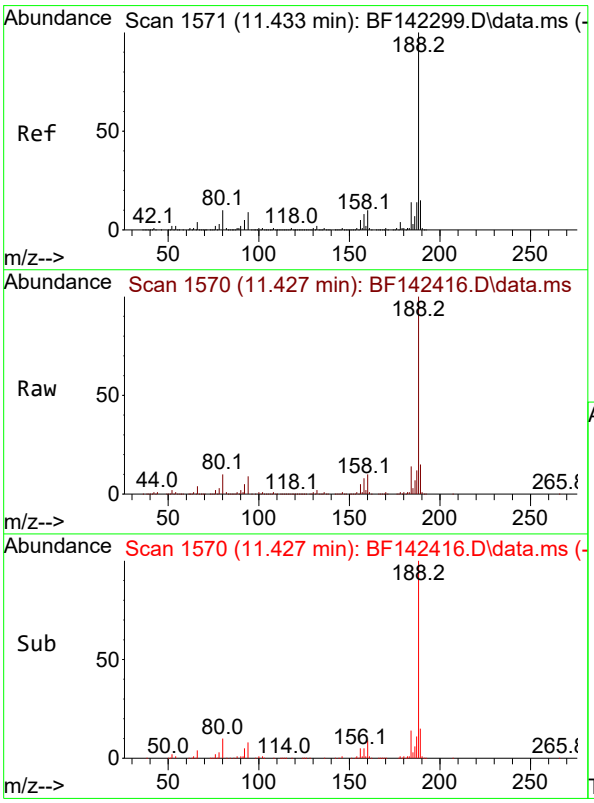
Ion	Ratio	Lower	Upper
77	100		
182	29.2	6.9	46.9
105	22.6	2.7	42.7
51	33.6	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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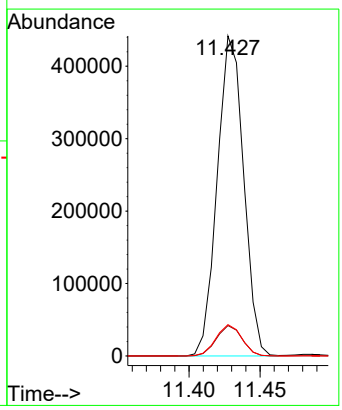
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

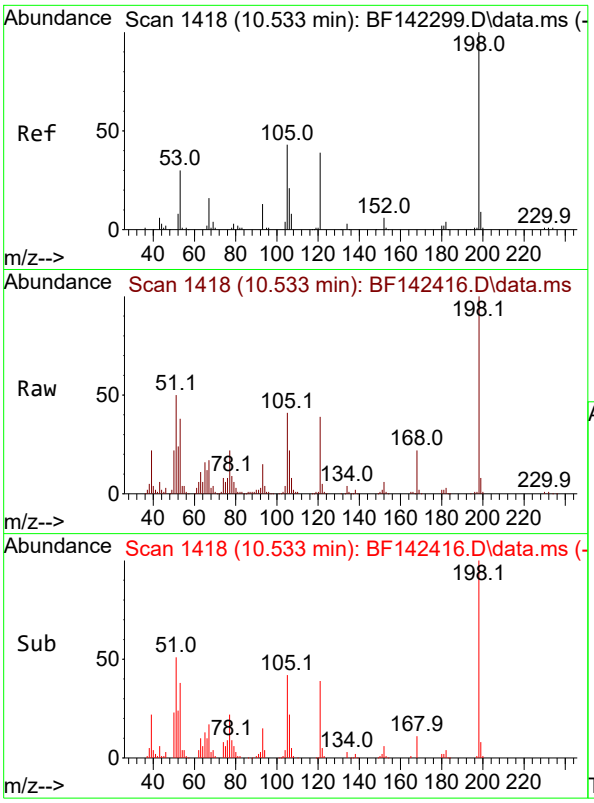


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:188 Resp: 570778

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	9.8	7.9	11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 52.948 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

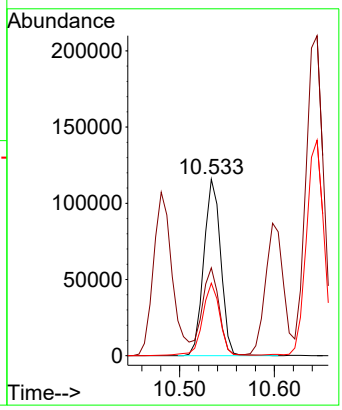
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

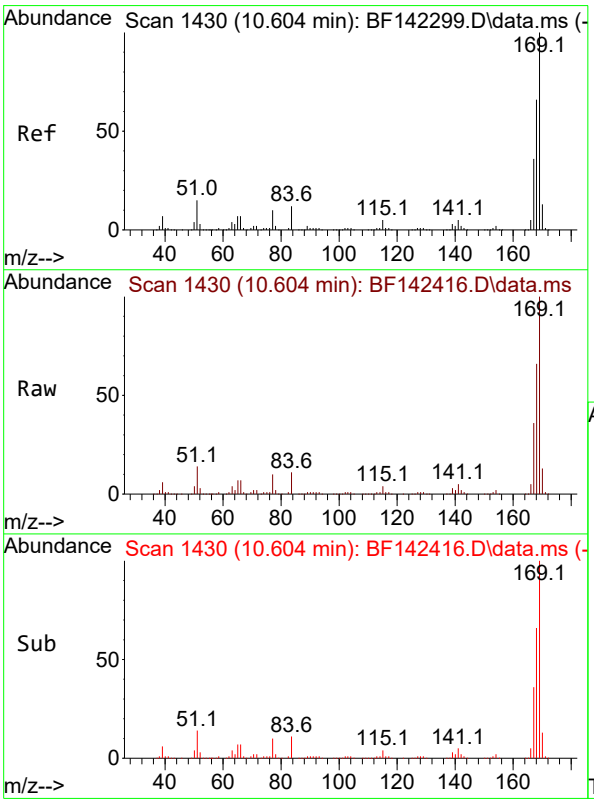
Tgt Ion:198 Resp: 14319

Ion	Ratio	Lower	Upper
198	100		
51	49.8	32.9	72.9
105	41.0	23.7	63.7

Manual Integrations
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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

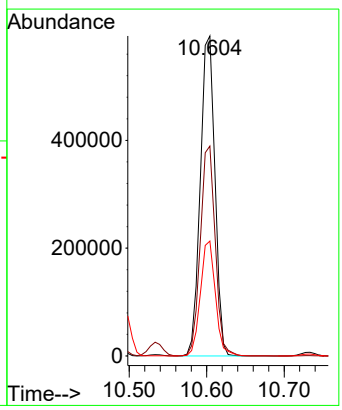


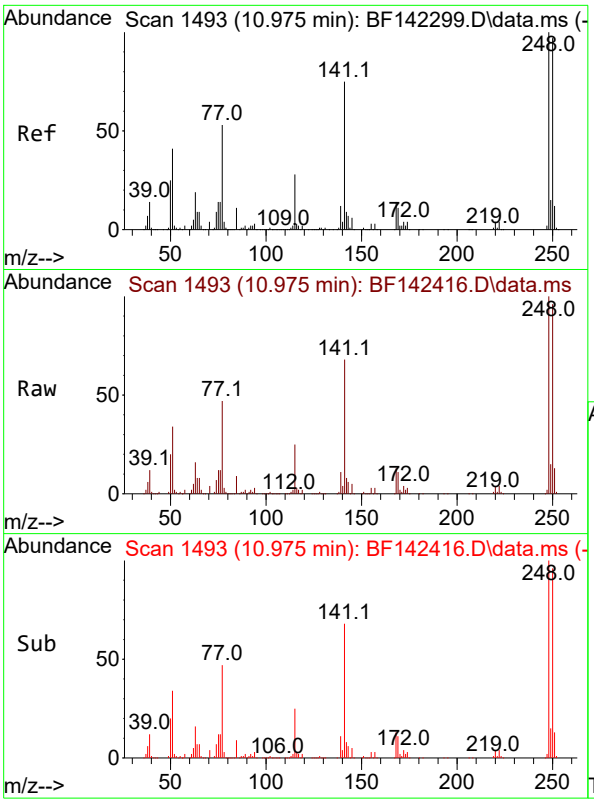


#66
n-Nitrosodiphenylamine
Concen: 40.989 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:169 Resp: 778512

Ion	Ratio	Lower	Upper
169	100		
168	65.6	53.2	79.8
167	35.9	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 42.469 ng
RT: 10.975 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

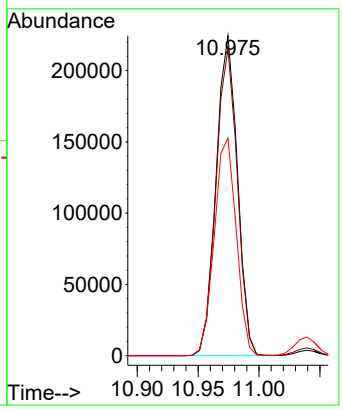
Tgt Ion:248 Resp: 27472

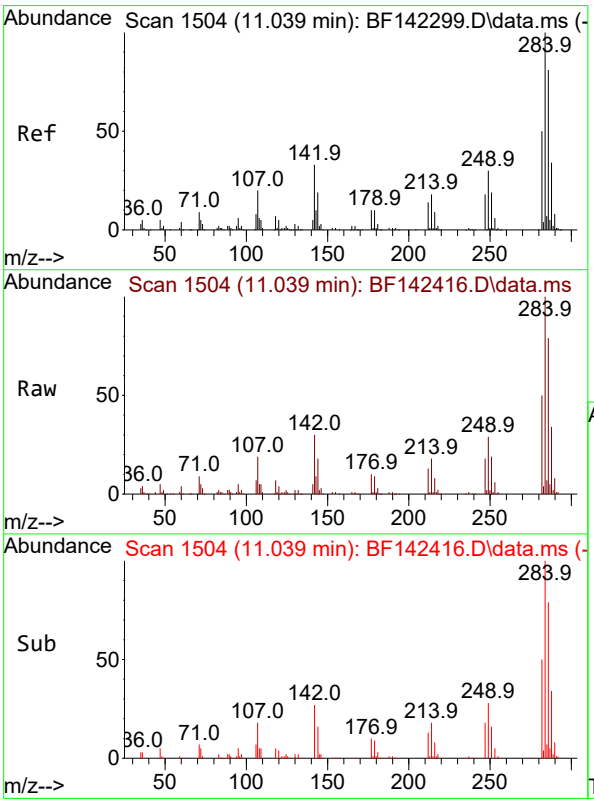
Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.9	116.9
141	68.0	59.8	89.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

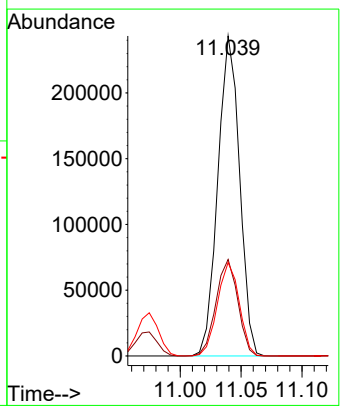


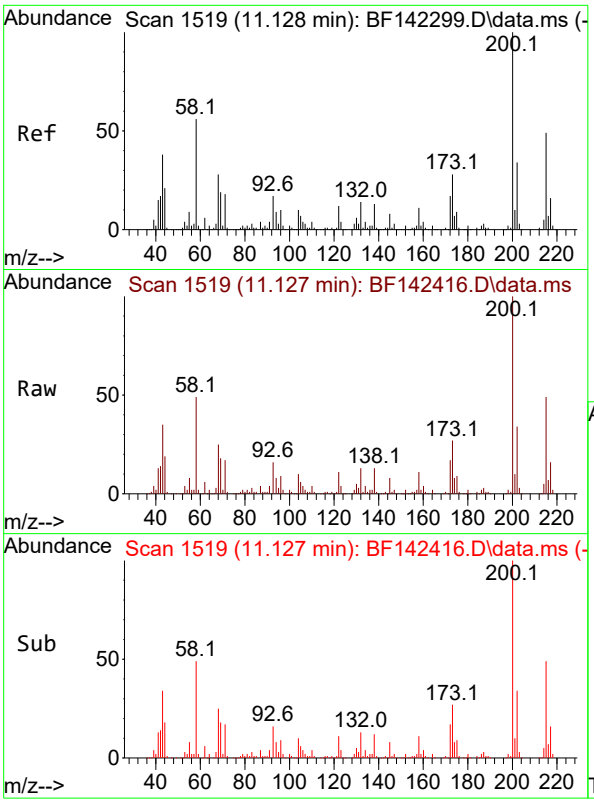


#68
Hexachlorobenzene
Concen: 42.479 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:284 Resp: 302260

Ion	Ratio	Lower	Upper
284	100		
142	30.2	26.6	39.8
249	29.2	24.1	36.1

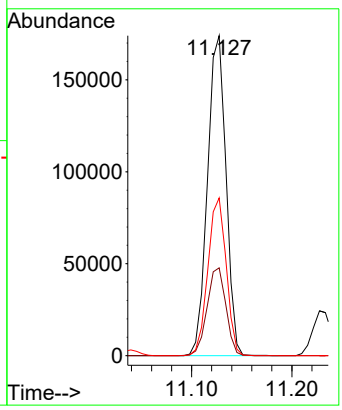




#69
Atrazine
Concen: 44.506 ng
RT: 11.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:200 Resp: 22282

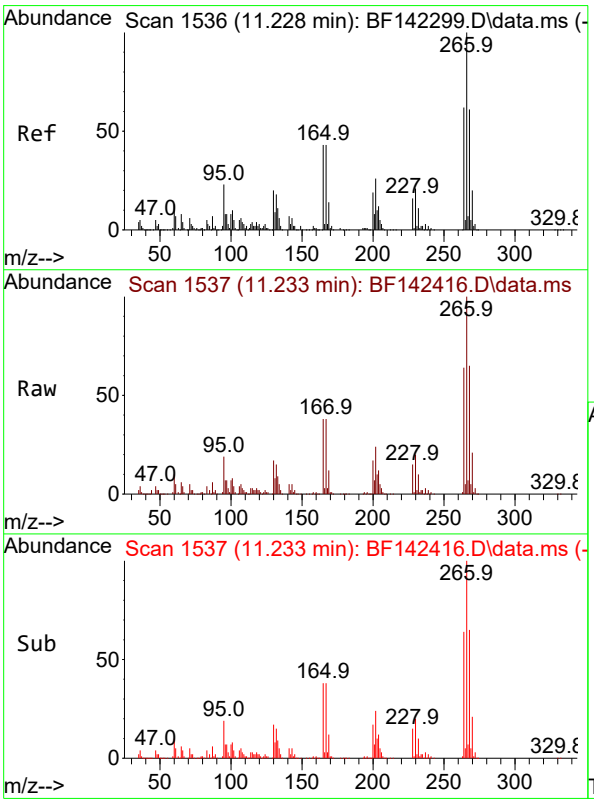
Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.1	48.1
215	49.3	28.8	68.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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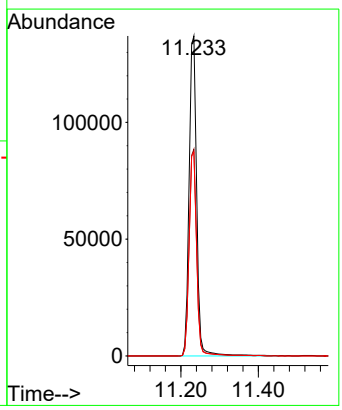
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

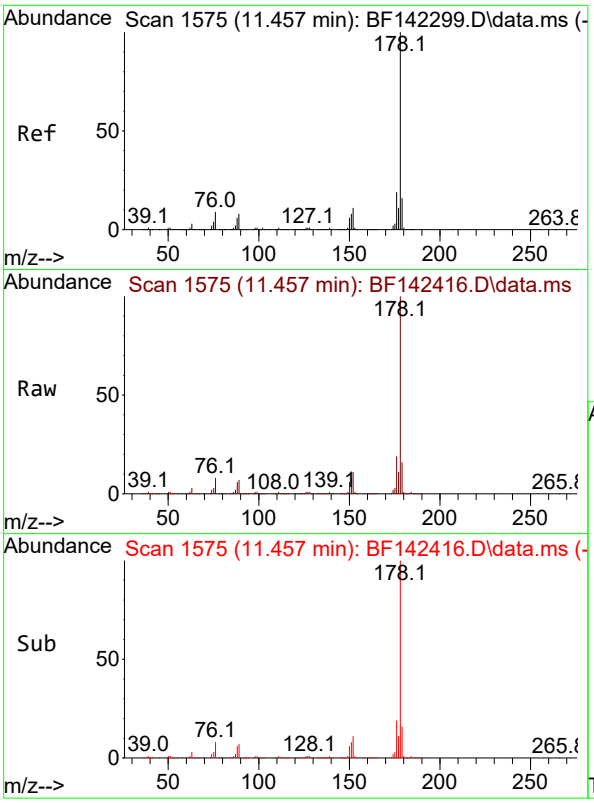


#70
Pentachlorophenol
Concen: 49.532 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:266 Resp: 185414

Ion	Ratio	Lower	Upper
266	100		
268	64.6	48.7	73.1
264	63.7	49.8	74.6

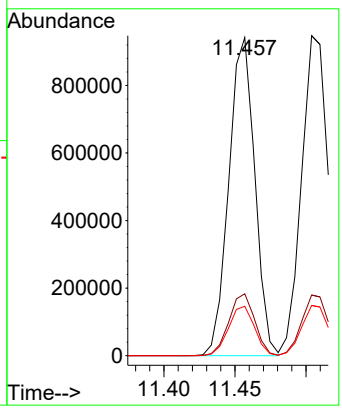




#71
Phenanthrene
Concen: 40.116 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:178 Resp: 120023

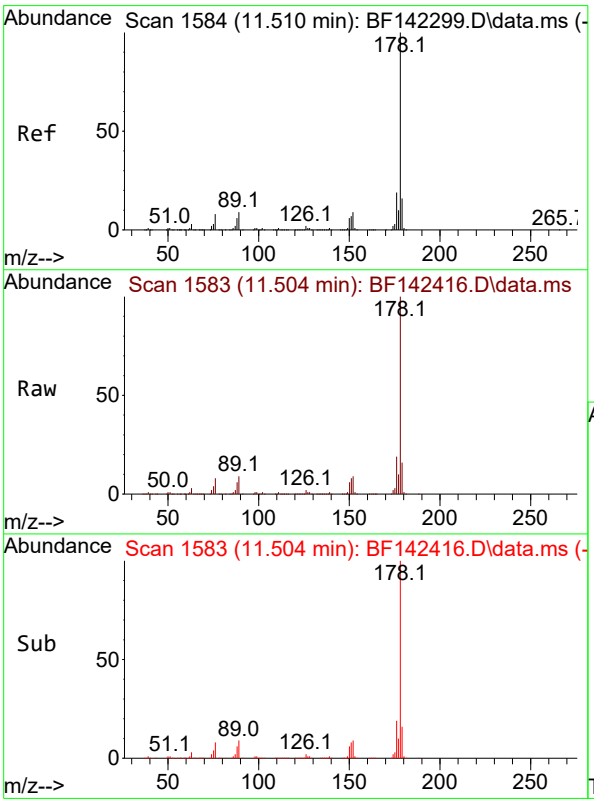
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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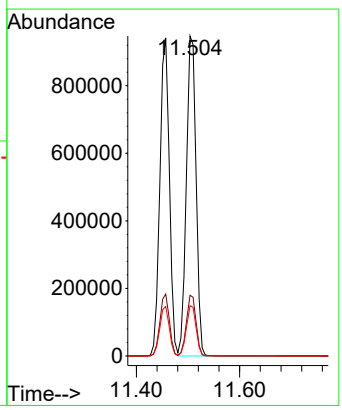
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

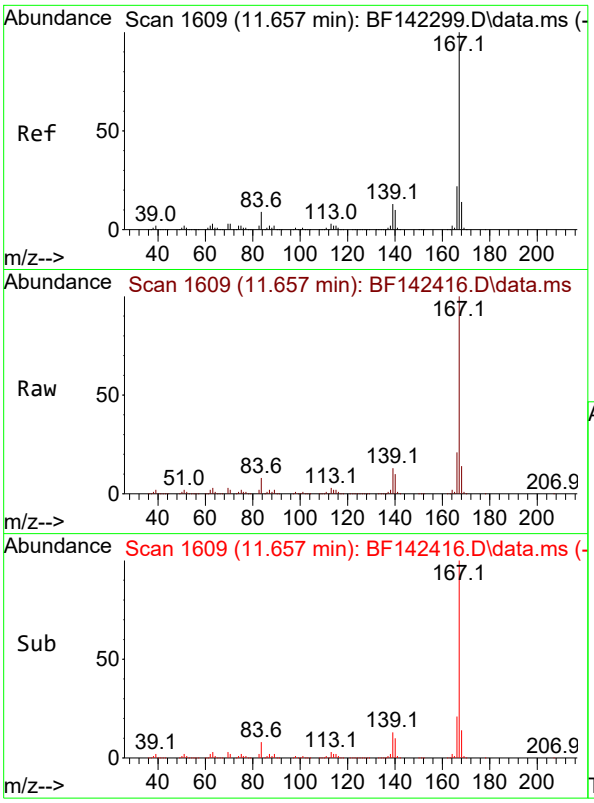


#72
Anthracene
Concen: 40.150 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:178 Resp: 1234268

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.7	12.6	18.8

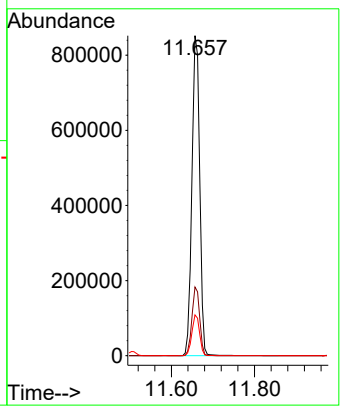




#73
Carbazole
Concen: 40.132 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:167 Resp: 110683

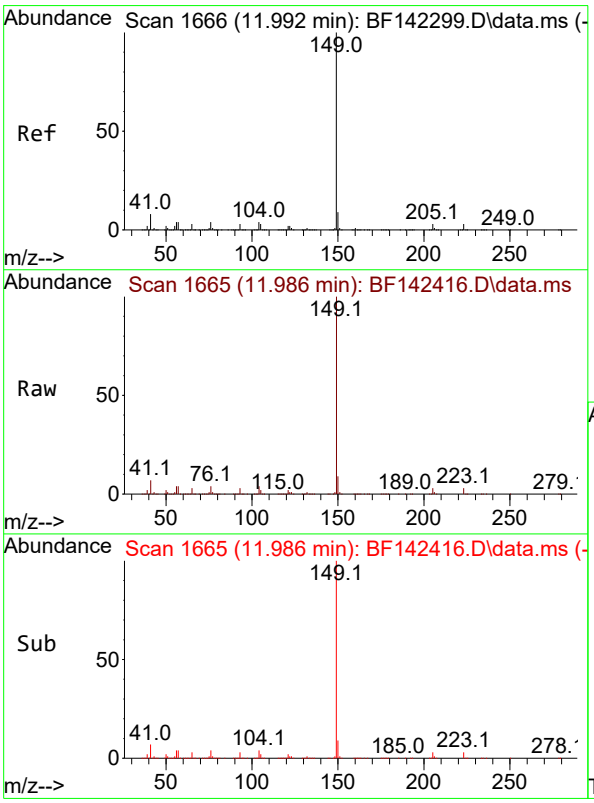
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.8	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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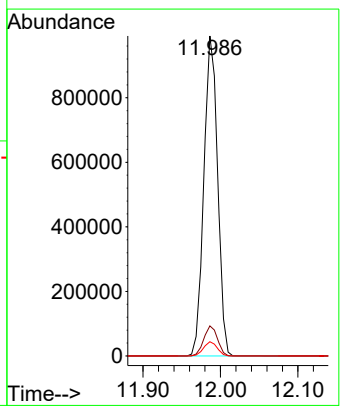
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

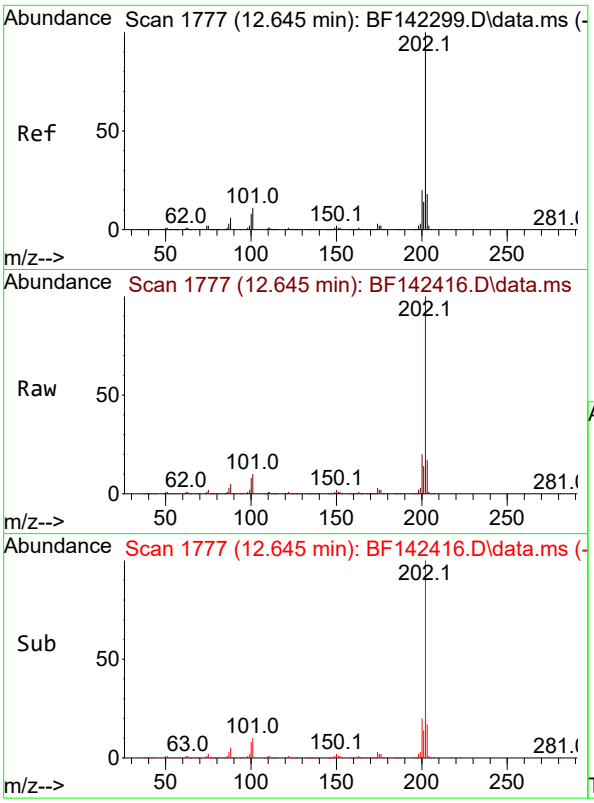


#74
Di-n-butylphthalate
Concen: 42.054 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:149 Resp: 1219634

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.5	3.6	5.4

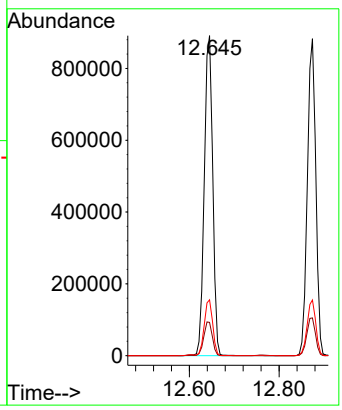




#75
Fluoranthene
Concen: 38.924 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:202 Resp: 116412

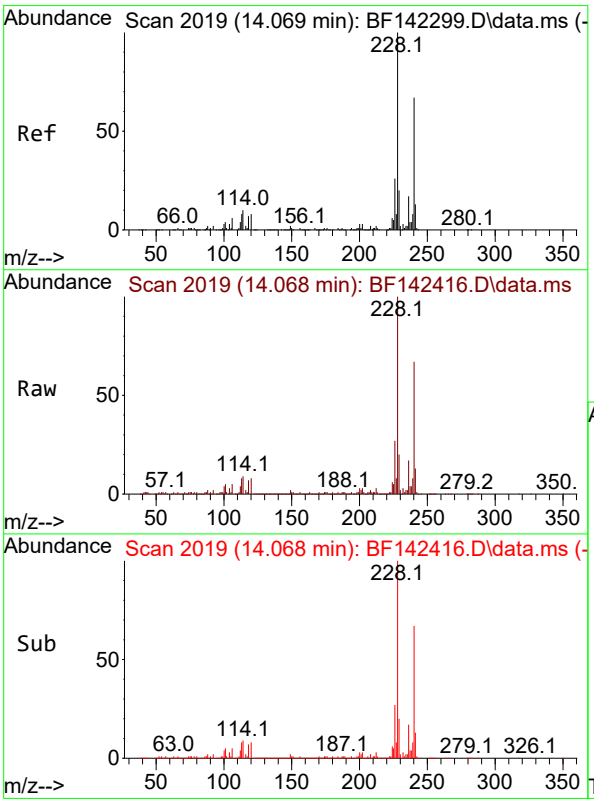
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.4
203	17.5	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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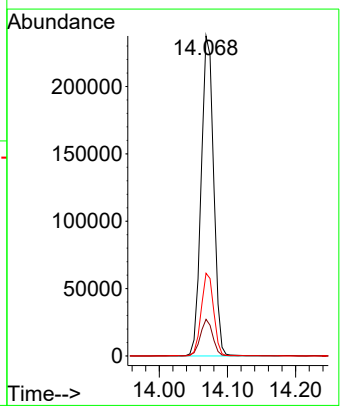
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

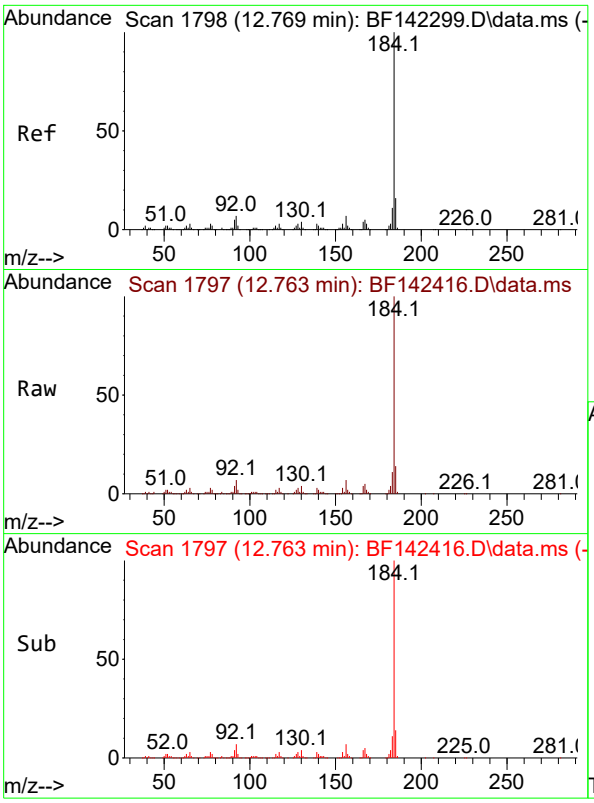


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:240 Resp: 303020

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.7	14.5
236	25.8	20.0	30.0

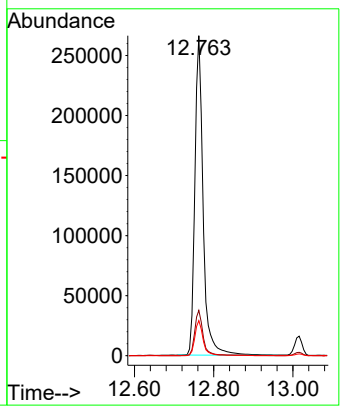




#77
Benzidine
Concen: 69.897 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:184 Resp: 38490

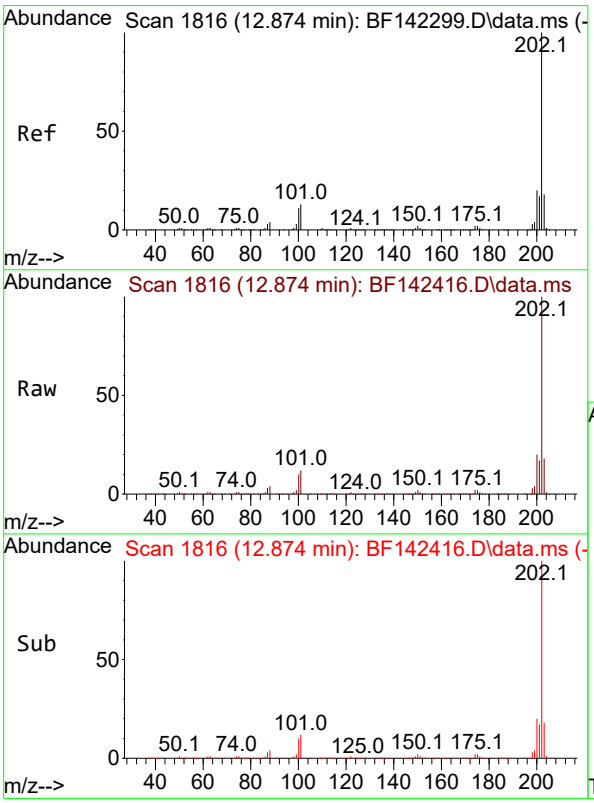
Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.6	18.8
183	11.0	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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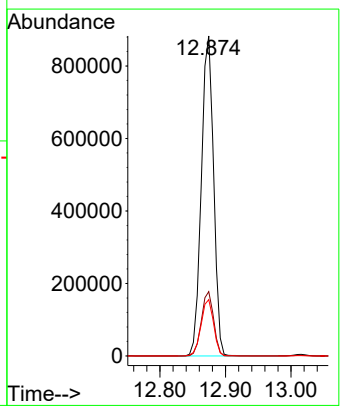
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

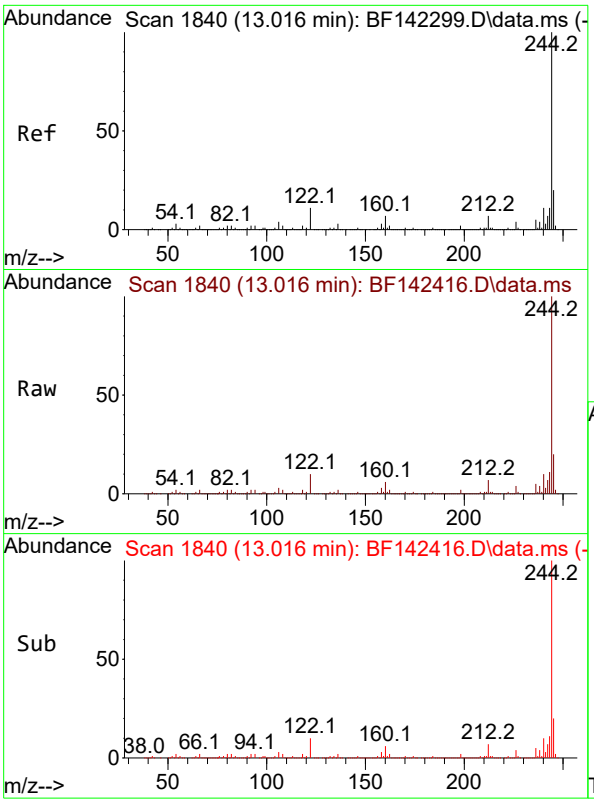


#78
Pyrene
Concen: 42.688 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:202 Resp: 1151373

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.4
203	17.6	14.3	21.5

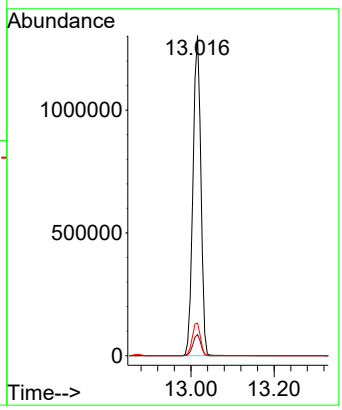




#79
Terphenyl-d14
Concen: 83.656 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:244 Resp: 171267

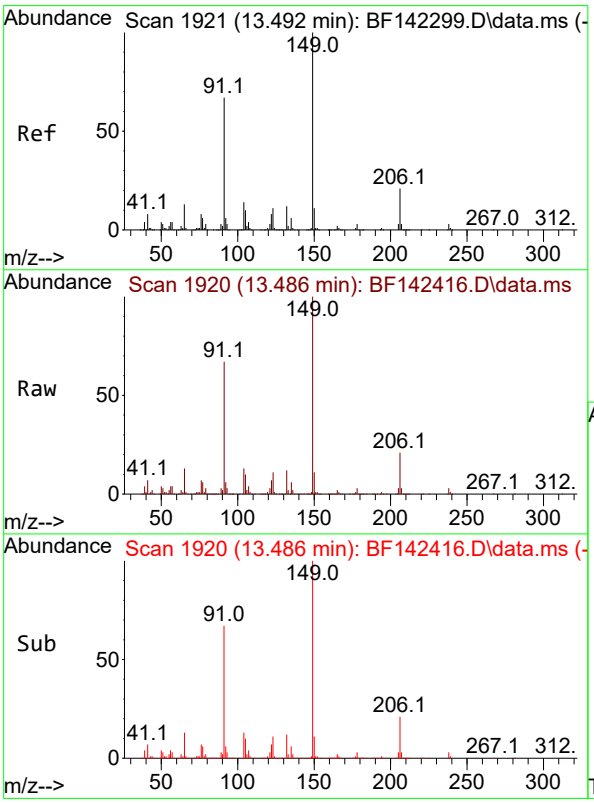
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.2	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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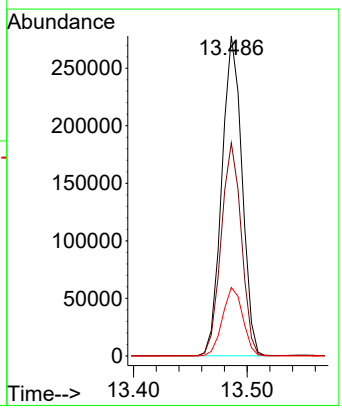
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

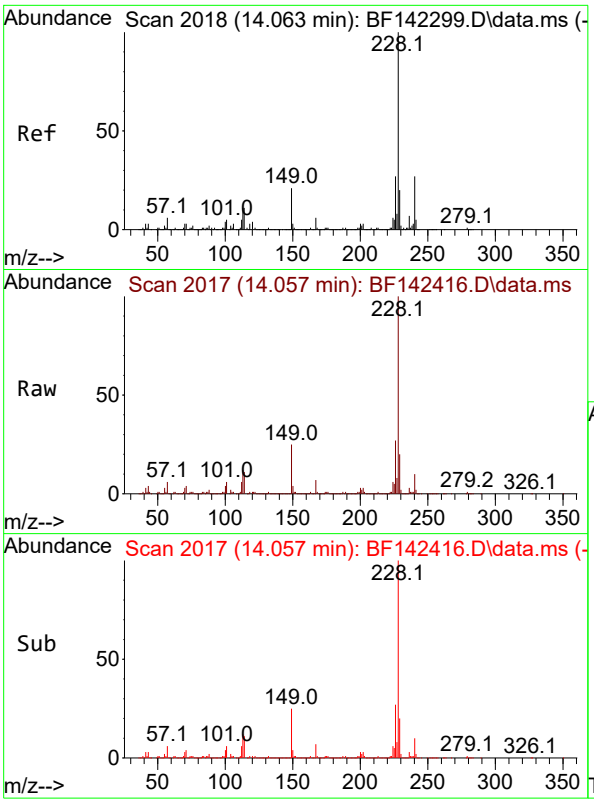


#80
Butylbenzylphthalate
Concen: 43.908 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:149 Resp: 342957

Ion	Ratio	Lower	Upper
149	100		
91	66.6	53.8	80.6
206	21.4	16.6	24.8





#81
Benzo(a)anthracene
Concen: 42.793 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

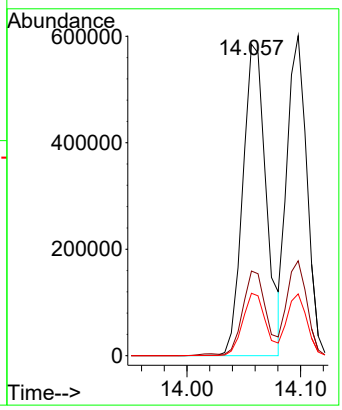
Tgt Ion:228 Resp: 83975

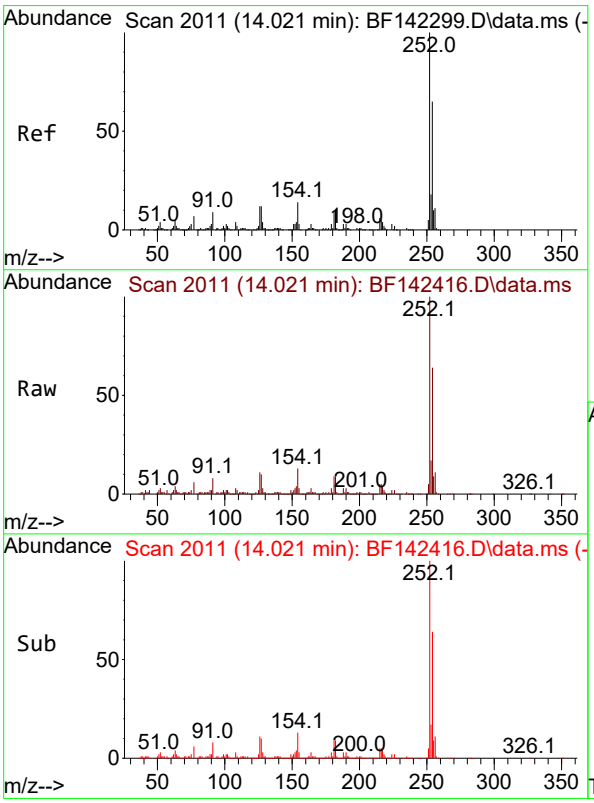
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.5	32.3
229	20.0	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

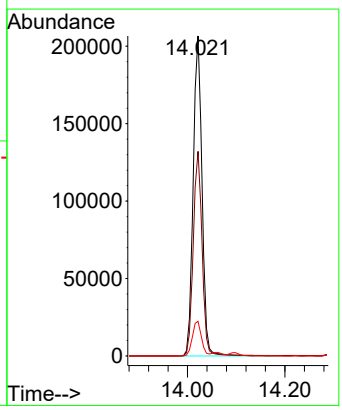


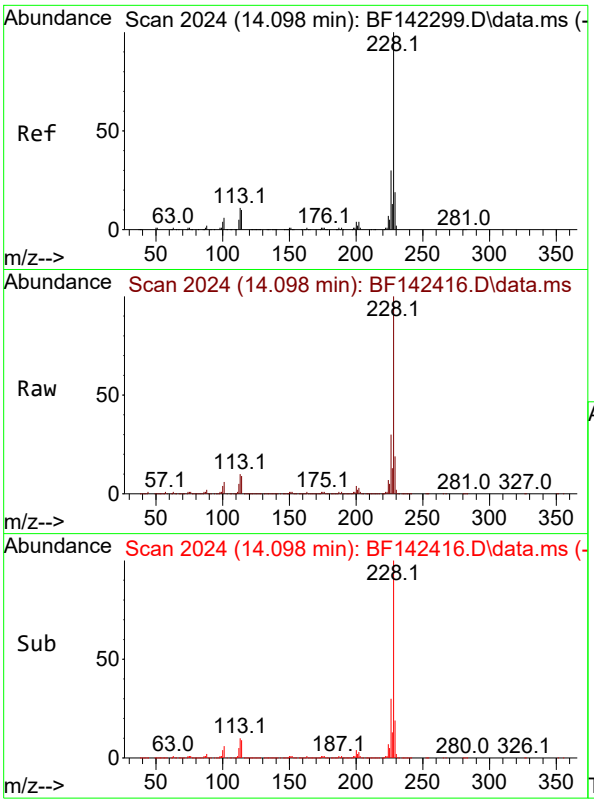


#82
3,3'-Dichlorobenzidine
Concen: 57.703 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:252 Resp: 263327

Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.0	78.0
126	10.8	9.7	14.5

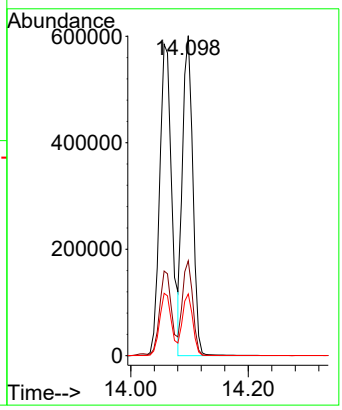




#83
Chrysene
Concen: 39.884 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:228 Resp: 72862

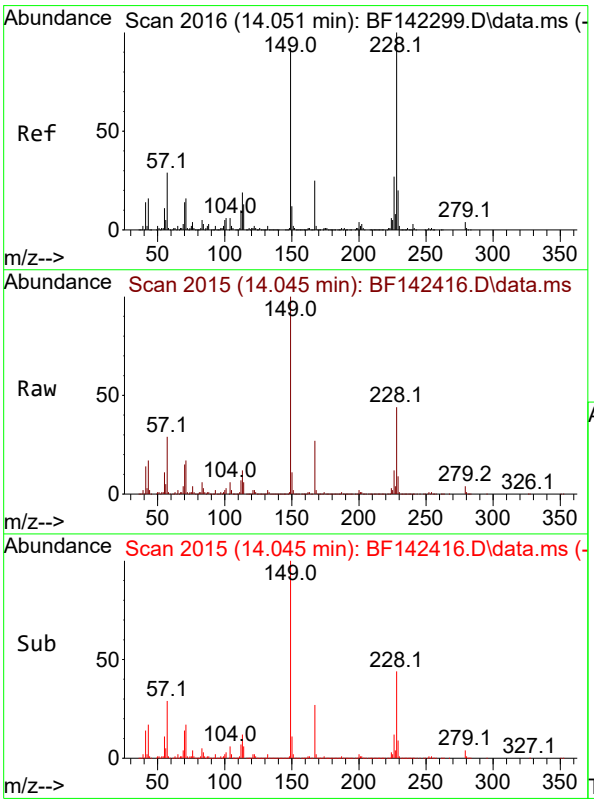
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.9	35.9
229	19.3	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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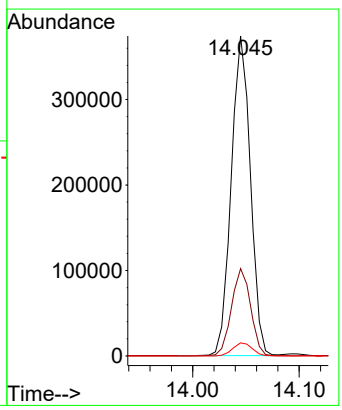
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

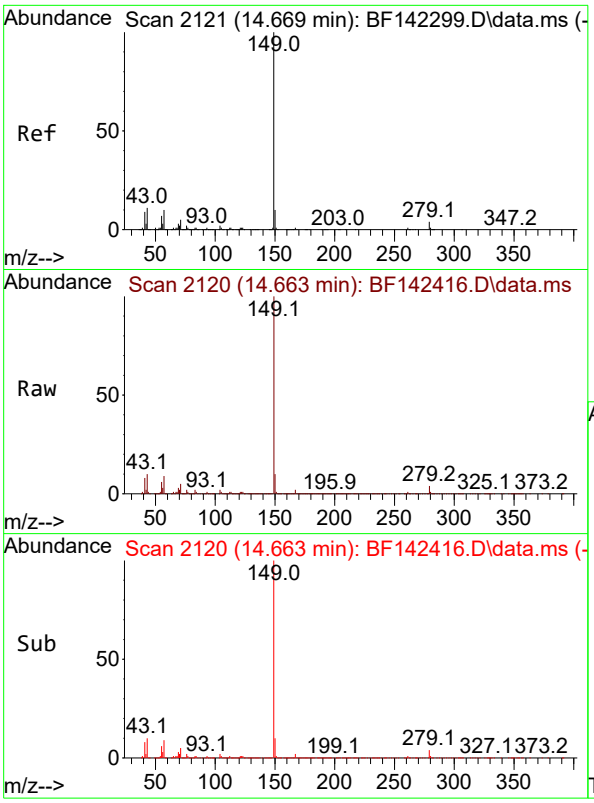


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.843 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:149 Resp: 467767

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.0	33.0
279	4.1	3.0	4.6

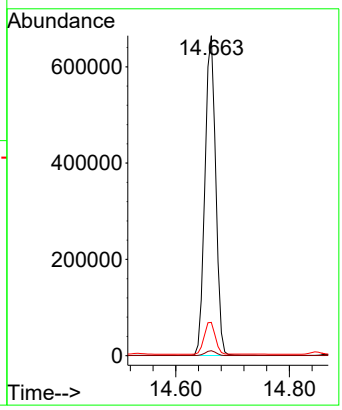




#85
Di-n-octyl phthalate
Concen: 47.169 ng
RT: 14.663 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:149 Resp: 86875

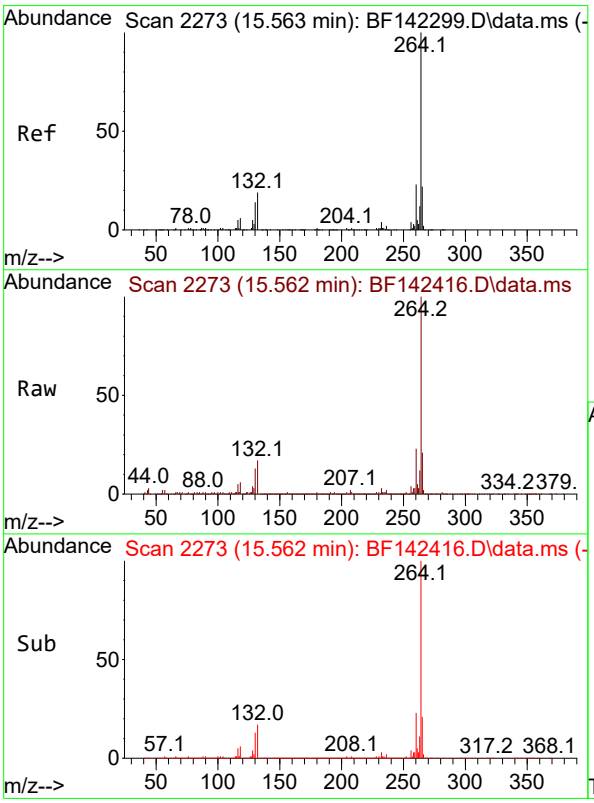
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.3	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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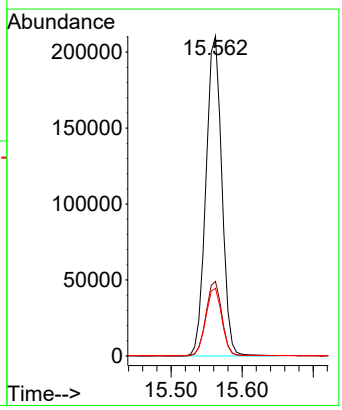
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

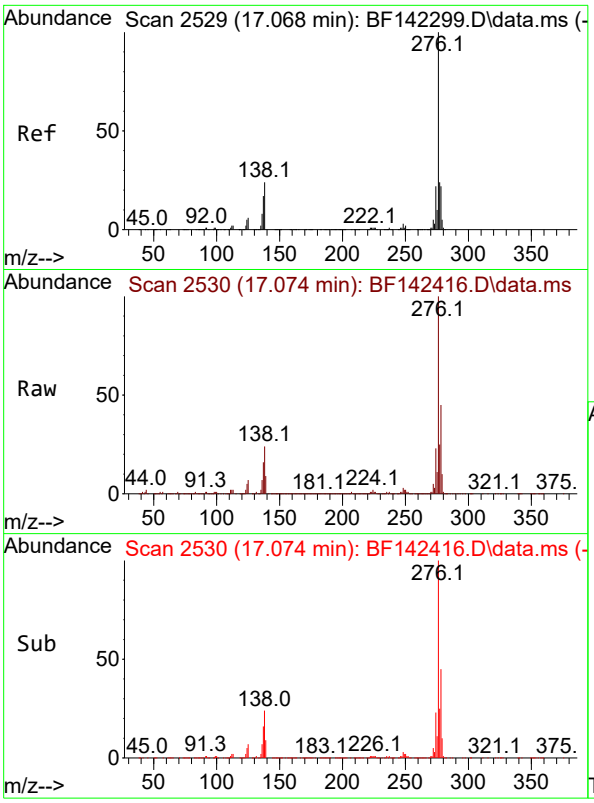


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:264 Resp: 328347

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.1	17.5	26.3

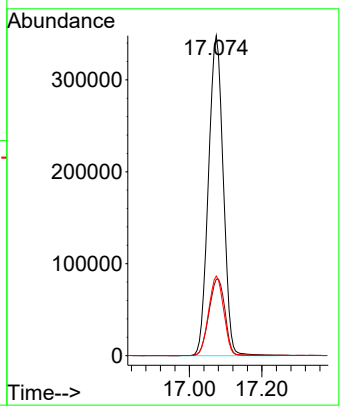




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.208 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:276 Resp: 98691

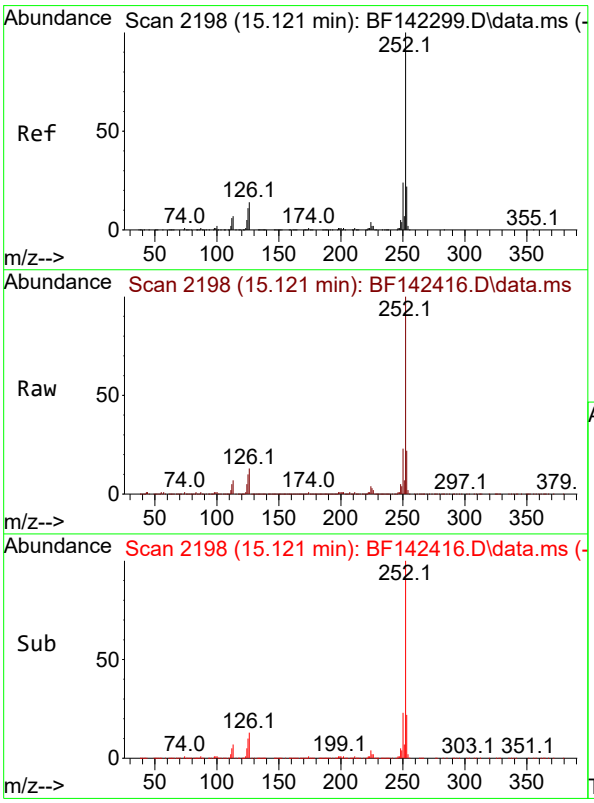
Ion	Ratio	Lower	Upper
276	100		
138	25.8	22.0	33.0
277	25.2	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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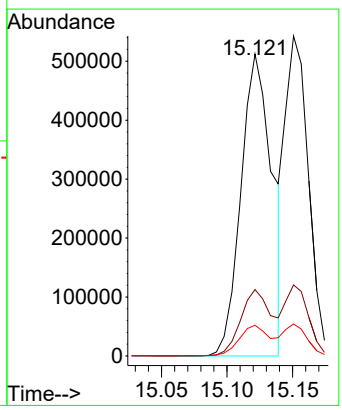
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

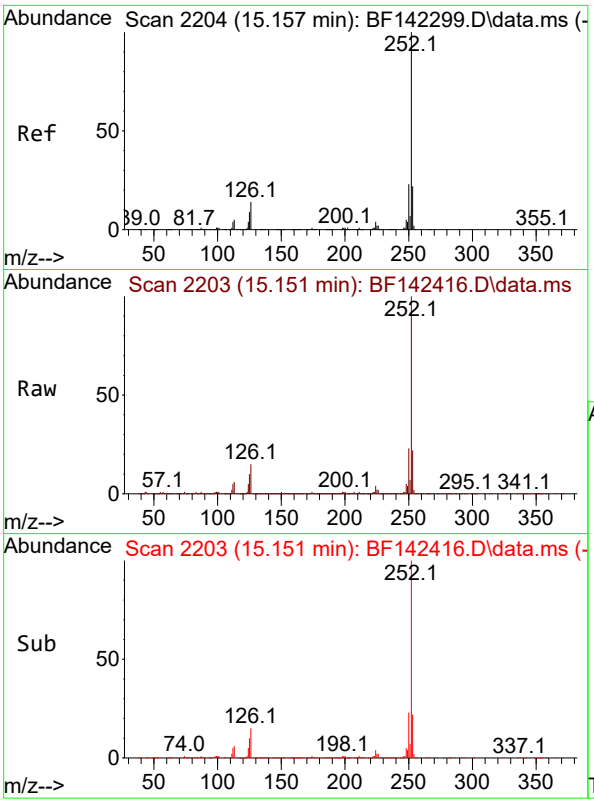


#88
Benzo(b)fluoranthene
Concen: 42.413 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:252 Resp: 843448

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.2	8.7	13.1

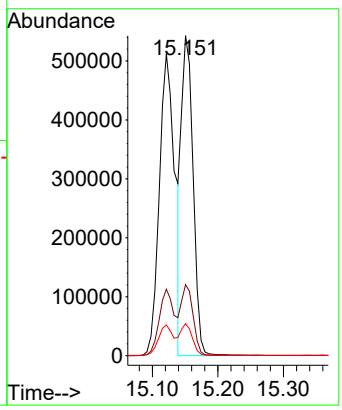




#89
Benzo(k)fluoranthene
Concen: 37.103 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:252 Resp: 67523

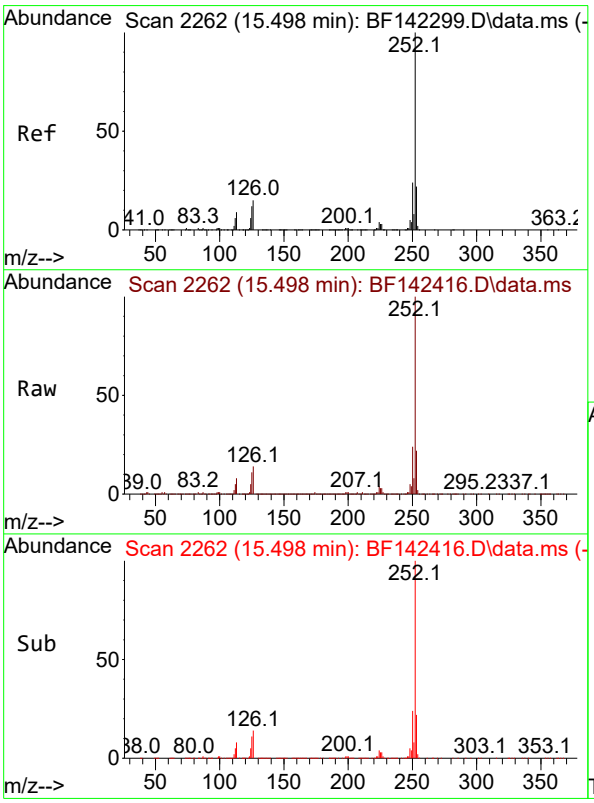
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.0	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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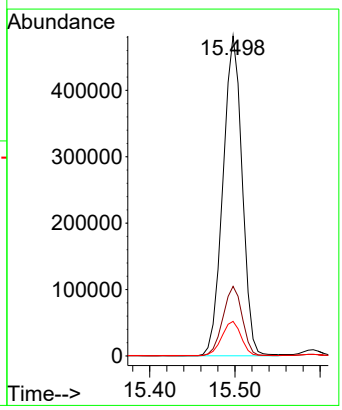
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

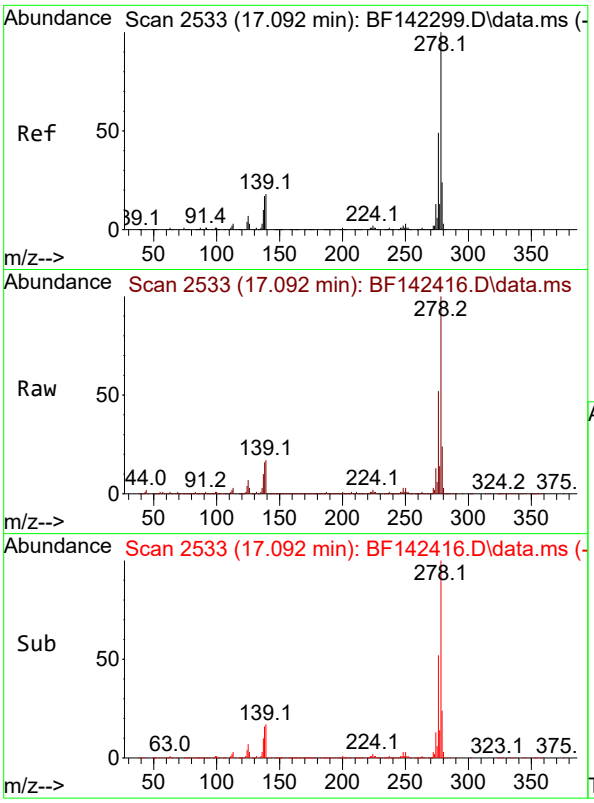


#90
Benzo(a)pyrene
Concen: 42.390 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:252 Resp: 755410

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.8	9.4	14.0

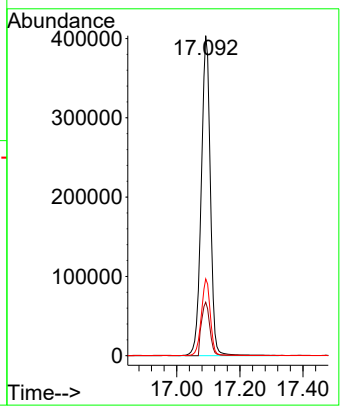




#91
Dibenzo(a,h)anthracene
Concen: 42.874 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:278 Resp: 80903

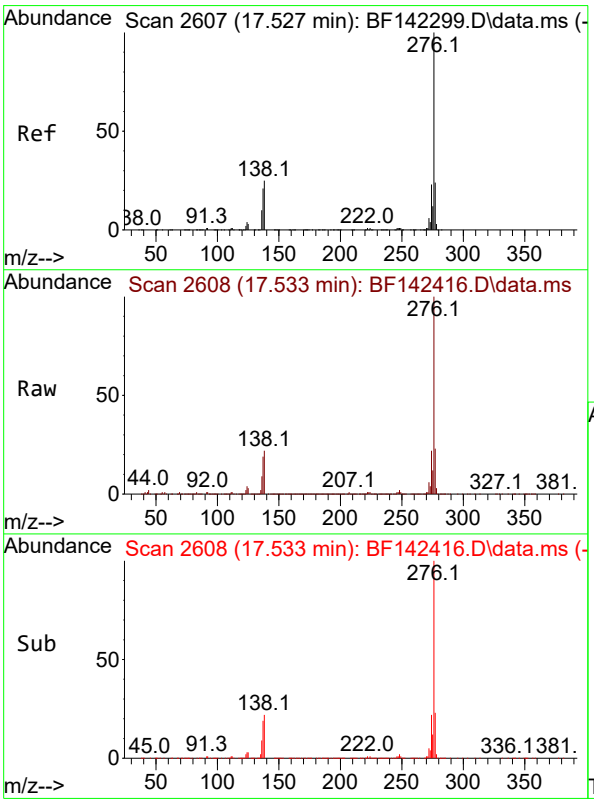
Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.5	21.7
279	24.0	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

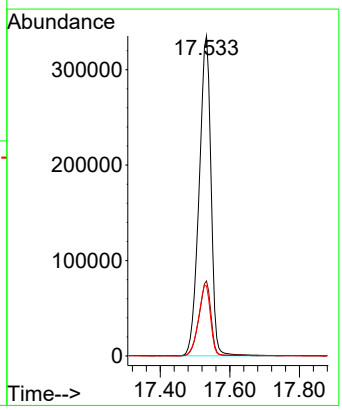
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#92
Benzo(g,h,i)perylene
Concen: 42.383 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:276 Resp: 793782

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.6
138	21.8	19.8	29.6



Sample Results: **BF142416.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142416.D
Acq On : 16 May 2025 09:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 16 12:03:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
2		1,4-Dioxane	0.528	0.514	2.7	77	0.00
3		Pyridine	1.239	1.331	-7.4	86	0.00
4		n-Nitrosodimethylamine	0.720	0.696	3.3	76	0.00
5	S	2-Fluorophenol	1.172	1.230	-4.9	83	0.00
6		Aniline	1.413	2.002	-41.7#	103	0.00
7	S	Phenol-d6	1.441	1.481	-2.8	81	0.00
8		2-Chlorophenol	1.252	1.338	-6.9	83	0.00
9		Benzaldehyde	0.843	0.825	2.1	85	0.00
10	C	Phenol	1.527	1.669	-9.3	86	0.00
11		bis(2-Chloroethyl)ether	1.506	1.236	17.9	69	0.00
12		1,3-Dichlorobenzene	1.432	1.473	-2.9	83	0.00
13	C	1,4-Dichlorobenzene	1.438	1.493	-3.8	83	0.00
14		1,2-Dichlorobenzene	1.380	1.423	-3.1	82	0.00
15		Benzyl Alcohol	0.933	1.090	-16.8	89	0.00
16		2,2'-oxybis(1-Chloropropane	2.249	2.119	5.8	75	0.00
17		2-Methylphenol	1.014	1.054	-3.9	82	0.00
18		Hexachloroethane	0.478	0.511	-6.9	83	0.00
19	P	n-Nitroso-di-n-propylamine	0.891	0.890	0.1	78	0.00
20		3+4-Methylphenols	1.265	1.302	-2.9	81	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	75	0.00
22		Acetophenone	0.445	0.439	1.3	79	0.00
23	S	Nitrobenzene-d5	0.328	0.370	-12.8	85	0.00
24		Nitrobenzene	0.309	0.341	-10.4	83	0.00
25		Isophorone	0.621	0.627	-1.0	80	0.00
26	C	2-Nitrophenol	0.129	0.185	-43.4#	105	0.00
27		2,4-Dimethylphenol	0.312	0.322	-3.2	81	0.00
28		bis(2-Chloroethoxy)methane	0.399	0.391	2.0	78	0.00
29	C	2,4-Dichlorophenol	0.265	0.291	-9.8	83	0.00
30		1,2,4-Trichlorobenzene	0.299	0.313	-4.7	84	0.00
31		Naphthalene	0.969	0.984	-1.5	81	0.00
32		Benzoic acid	0.150	0.206	-37.3#	111	0.00
33		4-Chloroaniline	0.396	0.403	-1.8	79	0.00
34	C	Hexachlorobutadiene	0.177	0.188	-6.2	84	0.00
35		Caprolactam	0.077	0.090	-16.9	86	0.00
36	C	4-Chloro-3-methylphenol	0.276	0.292	-5.8	82	0.00
37		2-Methylnaphthalene	0.602	0.608	-1.0	80	0.00
38		1-Methylnaphthalene	0.628	0.629	-0.2	79	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	74	0.00
40		1,2,4,5-Tetrachlorobenzene	0.559	0.581	-3.9	84	0.00
41	P	Hexachlorocyclopentadiene	0.345	0.398	-15.4	86	0.00
42	S	2,4,6-Tribromophenol	0.193	0.231	-19.7	90	0.00
43	C	2,4,6-Trichlorophenol	0.352	0.398	-13.1	84	0.00
44		2,4,5-Trichlorophenol	0.375	0.423	-12.8	87	0.00
45	S	2-Fluorobiphenyl	1.403	1.372	2.2	80	0.00
46		1,1'-Biphenyl	1.533	1.536	-0.2	81	0.00
47		2-Chloronaphthalene	1.140	1.148	-0.7	81	0.00

Sample Results: **BF142416.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142416.D
Acq On : 16 May 2025 09:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 16 12:03:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.292	0.352	-20.5	88	0.00
49		Acenaphthylene	1.908	1.919	-0.6	80	0.00
50		Dimethylphthalate	1.284	1.315	-2.4	81	0.00
51		2,6-Dinitrotoluene	0.240	0.294	-22.5	89	0.00
52	C	Acenaphthene	1.147	1.183	-3.1	82	0.00
53		3-Nitroaniline	0.282	0.340	-20.6	88	0.00
54	P	2,4-Dinitrophenol	0.102	0.163	-59.8#	124	0.00
55		Dibenzofuran	1.693	1.699	-0.4	81	0.00
56	P	4-Nitrophenol	0.212	0.253	-19.3	88	0.00
57		2,4-Dinitrotoluene	0.308	0.395	-28.2#	92	0.00
58		Fluorene	1.292	1.306	-1.1	81	0.00
59		2,3,4,6-Tetrachlorophenol	0.309	0.349	-12.9	85	0.00
60		Diethylphthalate	1.283	1.293	-0.8	80	0.00
61		4-Chlorophenyl-phenylether	0.623	0.643	-3.2	83	0.00
62		4-Nitroaniline	0.223	0.289	-29.6#	96	0.00
63		Azobenzene	1.226	1.187	3.2	78	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	75	0.00
65		4,6-Dinitro-2-methylphenol	0.082	0.125	-52.4#	116	0.00
66	c	n-Nitrosodiphenylamine	0.666	0.682	-2.4	81	0.00
67		4-Bromophenyl-phenylether	0.227	0.241	-6.2	84	0.00
68		Hexachlorobenzene	0.249	0.265	-6.4	84	0.00
69		Atrazine	0.175	0.195	-11.4	84	0.00
70	C	Pentachlorophenol	0.131	0.162	-23.7#	88	0.00
71		Phenanthrene	1.048	1.051	-0.3	80	0.00
72		Anthracene	1.077	1.081	-0.4	80	0.00
73		Carbazole	0.966	0.970	-0.4	79	0.00
74		Di-n-butylphthalate	1.016	1.068	-5.1	79	0.00
75	C	Fluoranthene	1.048	1.020	2.7	78	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	68	0.00
77		Benzidine	0.363	0.635	-74.9#	120	0.00
78		Pyrene	1.780	1.900	-6.7	75	0.00
79	S	Terphenyl-d14	1.351	1.413	-4.6	76	0.00
80		Butylbenzylphthalate	0.449	0.566	-26.1#	82	0.00
81		Benzo(a)anthracene	1.295	1.386	-7.0	76	0.00
82		3,3'-Dichlorobenzidine	0.301	0.435	-44.5#	99	0.00
83		Chrysene	1.206	1.202	0.3	74	0.00
84		Bis(2-ethylhexyl)phthalate	0.573	0.772	-34.7#	87	0.00
85	c	Di-n-octyl phthalate	1.057	1.433	-35.6#	94	0.00
86	I	Perylene-d12	1.000	1.000	0.0	77	0.00
87		Indeno(1,2,3-cd)pyrene	1.391	1.503	-8.1	84	0.00
88		Benzo(b)fluoranthene	1.211	1.284	-6.0	85	0.00
89		Benzo(k)fluoranthene	1.109	1.028	7.3	76	0.00
90	C	Benzo(a)pyrene	1.085	1.150	-6.0	83	0.00
91		Dibenzo(a,h)anthracene	1.149	1.232	-7.2	83	0.00
92		Benzo(g,h,i)perylene	1.141	1.209	-6.0	83	0.00

Sample Results: **BF142416.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142416.D
Acq On : 16 May 2025 09:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 16 12:03:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 3

Sample Results: **BF142416.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142416.D
Acq On : 16 May 2025 09:45
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	76	0.00
2		1,4-Dioxane	40.000	38.958	2.6	77	0.00
3		Pyridine	40.000	42.995	-7.5	86	0.00
4		n-Nitrosodimethylamine	40.000	38.662	3.3	76	0.00
5	S	2-Fluorophenol	80.000	84.019	-5.0	83	0.00
6		Aniline	40.000	56.655	-41.6#	103	0.00
7	S	Phenol-d6	80.000	82.225	-2.8	81	0.00
8		2-Chlorophenol	40.000	42.737	-6.8	83	0.00
9		Benzaldehyde	40.000	39.152	2.1	85	0.00
10	C	Phenol	40.000	43.718	-9.3	86	0.00
11		bis(2-Chloroethyl)ether	40.000	32.823	17.9	69	0.00
12		1,3-Dichlorobenzene	40.000	41.122	-2.8	83	0.00
13	C	1,4-Dichlorobenzene	40.000	41.525	-3.8	83	0.00
14		1,2-Dichlorobenzene	40.000	41.222	-3.1	82	0.00
15		Benzyl Alcohol	40.000	46.714	-16.8	89	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.675	5.8	75	0.00
17		2-Methylphenol	40.000	41.595	-4.0	82	0.00
18		Hexachloroethane	40.000	42.677	-6.7	83	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.945	0.1	78	0.00
20		3+4-Methylphenols	40.000	41.184	-3.0	81	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	75	0.00
22		Acetophenone	40.000	39.525	1.2	79	0.00
23	S	Nitrobenzene-d5	80.000	90.190	-12.7	85	0.00
24		Nitrobenzene	40.000	44.065	-10.2	83	0.00
25		Isophorone	40.000	40.366	-0.9	80	0.00
26	C	2-Nitrophenol	40.000	49.575	-23.9#	105	0.00
27		2,4-Dimethylphenol	40.000	41.201	-3.0	81	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.192	2.0	78	0.00
29	C	2,4-Dichlorophenol	40.000	43.810	-9.5	83	0.00
30		1,2,4-Trichlorobenzene	40.000	41.951	-4.9	84	0.00
31		Naphthalene	40.000	40.595	-1.5	81	0.00
32		Benzoic acid	40.000	48.994	-22.5	111	0.00
33		4-Chloroaniline	40.000	40.739	-1.8	79	0.00
34	C	Hexachlorobutadiene	40.000	42.439	-6.1	84	0.00
35		Caprolactam	40.000	46.524	-16.3	86	0.00
36	C	4-Chloro-3-methylphenol	40.000	42.265	-5.7	82	0.00
37		2-Methylnaphthalene	40.000	40.384	-1.0	80	0.00
38		1-Methylnaphthalene	40.000	40.068	-0.2	79	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	74	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	41.609	-4.0	84	0.00
41	P	Hexachlorocyclopentadiene	40.000	46.168	-15.4	86	0.00
42	S	2,4,6-Tribromophenol	80.000	95.687	-19.6	90	0.00
43	C	2,4,6-Trichlorophenol	40.000	45.128	-12.8	84	0.00
44		2,4,5-Trichlorophenol	40.000	45.099	-12.7	87	0.00
45	S	2-Fluorobiphenyl	80.000	78.241	2.2	80	0.00
46		1,1'-Biphenyl	40.000	40.069	-0.2	81	0.00
47		2-Chloronaphthalene	40.000	40.259	-0.6	81	0.00

Sample Results: **BF142416.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142416.D
Acq On : 16 May 2025 09:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 16 12:03:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	48.113	-20.3	88	0.00
49		Acenaphthylene	40.000	40.227	-0.6	80	0.00
50		Dimethylphthalate	40.000	40.962	-2.4	81	0.00
51		2,6-Dinitrotoluene	40.000	48.841	-22.1	89	0.00
52	C	Acenaphthene	40.000	41.243	-3.1	82	0.00
53		3-Nitroaniline	40.000	48.176	-20.4	88	0.00
54	P	2,4-Dinitrophenol	40.000	54.430	-36.1#	124	0.00
55		Dibenzofuran	40.000	40.139	-0.3	81	0.00
56	P	4-Nitrophenol	40.000	47.604	-19.0	88	0.00
57		2,4-Dinitrotoluene	40.000	51.248	-28.1#	92	0.00
58		Fluorene	40.000	40.431	-1.1	81	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	45.106	-12.8	85	0.00
60		Diethylphthalate	40.000	40.323	-0.8	80	0.00
61		4-Chlorophenyl-phenylether	40.000	41.259	-3.1	83	0.00
62		4-Nitroaniline	40.000	51.679	-29.2#	96	0.00
63		Azobenzene	40.000	38.726	3.2	78	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	75	0.00
65		4,6-Dinitro-2-methylphenol	40.000	52.948	-32.4#	116	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.989	-2.5	81	0.00
67		4-Bromophenyl-phenylether	40.000	42.469	-6.2	84	0.00
68		Hexachlorobenzene	40.000	42.479	-6.2	84	0.00
69		Atrazine	40.000	44.506	-11.3	84	0.00
70	C	Pentachlorophenol	40.000	49.532	-23.8#	88	0.00
71		Phenanthrene	40.000	40.116	-0.3	80	0.00
72		Anthracene	40.000	40.150	-0.4	80	0.00
73		Carbazole	40.000	40.132	-0.3	79	0.00
74		Di-n-butylphthalate	40.000	42.054	-5.1	79	0.00
75	C	Fluoranthene	40.000	38.924	2.7	78	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	68	0.00
77		Benzidine	40.000	69.897	-74.7#	120	0.00
78		Pyrene	40.000	42.688	-6.7	75	0.00
79	S	Terphenyl-d14	80.000	83.656	-4.6	76	0.00
80		Butylbenzylphthalate	40.000	43.908	-9.8	82	0.00
81		Benzo(a)anthracene	40.000	42.793	-7.0	76	0.00
82		3,3'-Dichlorobenzidine	40.000	57.703	-44.3#	99	0.00
83		Chrysene	40.000	39.884	0.3	74	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	45.843	-14.6	87	0.00
85	c	Di-n-octyl phthalate	40.000	47.169	-17.9	94	0.00
86	I	Perylene-d12	20.000	20.000	0.0	77	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	43.208	-8.0	84	0.00
88		Benzo(b)fluoranthene	40.000	42.413	-6.0	85	0.00
89		Benzo(k)fluoranthene	40.000	37.103	7.2	76	0.00
90	C	Benzo(a)pyrene	40.000	42.390	-6.0	83	0.00
91		Dibenzo(a,h)anthracene	40.000	42.874	-7.2	83	0.00
92		Benzo(g,h,i)perylene	40.000	42.383	-6.0	83	0.00

Sample Results: **BF142416.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142416.D
Acq On : 16 May 2025 09:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 16 12:03:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 2

Raw Data: **BP024634.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

Instrument ID: BNA_P Calibration Date/Time: 05/15/2025 12:25

Lab File ID: BP024634.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.169	1.113		-4.8	
Benzaldehyde	0.966	0.853		-11.7	
Phenol-d6	1.492	1.373		-8.0	
Phenol	1.540	1.415		-8.1	20.0
bis(2-Chloroethyl)ether	1.266	1.168		-7.7	
2-Chlorophenol	1.327	1.296		-2.3	
2-Methylphenol	1.105	1.112		0.6	
2,2-oxybis(1-Chloropropane)	1.516	1.451		-4.3	
Acetophenone	0.500	0.481		-3.8	
3+4-Methylphenols	1.503	1.544		2.7	
n-Nitroso-di-n-propylamine	1.032	1.054	0.050	2.1	
Nitrobenzene-d5	0.396	0.378		-4.5	
Hexachloroethane	0.589	0.548		-7.0	
Nitrobenzene	0.348	0.331		-4.9	
Isophorone	0.687	0.662		-3.6	
2-Nitrophenol	0.171	0.170		-0.6	20.0
2,4-Dimethylphenol	0.301	0.296		-1.7	
bis(2-Chloroethoxy)methane	0.410	0.389		-5.1	
2,4-Dichlorophenol	0.292	0.292		0.0	20.0
Naphthalene	1.036	0.983		-5.1	
4-Chloroaniline	0.418	0.425		1.7	
Hexachlorobutadiene	0.213	0.197		-7.5	20.0
Caprolactam	0.106	0.110		3.8	
4-Chloro-3-methylphenol	0.356	0.356		0.0	20.0
2-Methylnaphthalene	0.671	0.646		-3.7	
Hexachlorocyclopentadiene	0.352	0.372	0.050	5.7	
2,4,6-Trichlorophenol	0.376	0.388		3.2	20.0
2-Fluorobiphenyl	1.527	1.446		-5.3	
2,4,5-Trichlorophenol	0.419	0.412		-1.7	
1,1-Biphenyl	1.478	1.391		-5.9	
2-Chloronaphthalene	1.127	1.069		-5.1	
2-Nitroaniline	0.334	0.336		0.6	
Dimethylphthalate	1.524	1.433		-6.0	
Acenaphthylene	1.886	1.811		-4.0	
2,6-Dinitrotoluene	0.322	0.313		-2.8	
3-Nitroaniline	0.329	0.337		2.4	
Acenaphthene	1.084	1.026		-5.4	20.0
2,4-Dinitrophenol	0.169	0.170	0.050	0.6	
4-Nitrophenol	0.250	0.260	0.050	4.0	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG No.: Q1982

Instrument ID: BNA_P Calibration Date/Time: 05/15/2025 12:25

Lab File ID: BP024634.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.730	1.659		-4.1	
2,4-Dinitrotoluene	0.454	0.453		-0.2	
Diethylphthalate	1.541	1.477		-4.2	
4-Chlorophenyl-phenylether	0.703	0.672		-4.4	
Fluorene	1.410	1.356		-3.8	
4-Nitroaniline	0.317	0.338		6.6	
4,6-Dinitro-2-methylphenol	0.129	0.126		-2.3	
n-Nitrosodiphenylamine	0.614	0.588		-4.2	20.0
2,4,6-Tribromophenol	0.339	0.334		-1.5	
4-Bromophenyl-phenylether	0.236	0.225		-4.7	
Hexachlorobenzene	0.299	0.283		-5.4	
Atrazine	0.225	0.216		-4.0	
Pentachlorophenol	0.168	0.180		7.1	20.0
Phenanthrene	1.112	1.049		-5.7	
Anthracene	1.119	1.053		-5.9	
Carbazole	1.012	0.991		-2.1	
Di-n-butylphthalate	1.302	1.272		-2.3	
Fluoranthene	1.300	1.234		-5.1	20.0
Pyrene	1.198	1.165		-2.8	
Terphenyl-d14	1.166	1.105		-5.2	
Butylbenzylphthalate	0.533	0.531		-0.4	
3,3-Dichlorobenzidine	0.466	0.491		5.4	
Benzo(a)anthracene	1.256	1.198		-4.6	
Chrysene	1.190	1.135		-4.6	
Bis(2-ethylhexyl)phthalate	0.783	0.781		-0.3	
Di-n-octyl phthalate	1.281	1.310		2.3	20.0
Benzo(b)fluoranthene	1.145	1.107		-3.3	
Benzo(k)fluoranthene	1.180	1.121		-5.0	
Benzo(a)pyrene	1.099	1.065		-3.1	20.0
Indeno(1,2,3-cd)pyrene	1.460	1.416		-3.0	
Dibenzo(a,h)anthracene	1.188	1.153		-2.9	
Benzo(g,h,i)perylene	1.181	1.148		-2.8	
1,2,4,5-Tetrachlorobenzene	0.581	0.557		-4.1	
1,4-Dioxane	0.549	0.486		-11.5	20.0
2,3,4,6-Tetrachlorophenol	0.388	0.383		-1.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024634.D
Acq On : 15 May 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 15 13:40:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.658	152	130531	20.000	ng		0.00
21) Naphthalene-d8	10.428	136	590490	20.000	ng		0.00
39) Acenaphthene-d10	14.304	164	383835	20.000	ng		0.00
64) Phenanthrene-d10	17.092	188	784999	20.000	ng		0.00
76) Chrysene-d12	21.527	240	868702	20.000	ng		0.00
86) Perylene-d12	24.810	264	1013038	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	580986	76.128	ng		0.00
7) Phenol-d6	6.852	99	717060	73.619	ng		0.00
23) Nitrobenzene-d5	8.810	82	892817	76.396	ng		0.00
42) 2,4,6-Tribromophenol	15.822	330	513475	78.910	ng		0.01
45) 2-Fluorobiphenyl	12.910	172	2220308	75.785	ng		0.00
79) Terphenyl-d14	19.810	244	3838058	75.758	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	126825	35.390	ng		99
3) Pyridine	3.617	79	309533	38.953	ng		98
4) n-Nitrosodimethylamine	3.528	42	131408	37.459	ng		98
6) Aniline	6.999	93	472339	37.560	ng		98
8) 2-Chlorophenol	7.234	128	338313	39.050	ng		100
9) Benzaldehyde	6.816	77	222724	35.324	ng		99
10) Phenol	6.875	94	369494	36.754	ng		98
11) bis(2-Chloroethyl)ether	7.093	93	304974	36.919	ng		99
12) 1,3-Dichlorobenzene	7.546	146	371299	37.251	ng		99
13) 1,4-Dichlorobenzene	7.693	146	380641	37.969	ng		100
14) 1,2-Dichlorobenzene	8.005	146	372600	38.142	ng		99
15) Benzyl Alcohol	7.899	79	304110	41.086	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.175	45	378904	38.301	ng		99
17) 2-Methylphenol	8.105	107	290282	40.259	ng		99
18) Hexachloroethane	8.722	117	142958	37.212	ng		98
19) n-Nitroso-di-n-propyla...	8.457	70	275040	40.821	ng		98
20) 3+4-Methylphenols	8.428	107	403026	41.091	ng		99
22) Acetophenone	8.475	105	568570	38.547	ng	#	99
24) Nitrobenzene	8.852	77	391069	38.025	ng		98
25) Isophorone	9.369	82	781808	38.566	ng		100
26) 2-Nitrophenol	9.552	139	201188	39.922	ng		96
27) 2,4-Dimethylphenol	9.616	122	349423	39.326	ng		99
28) bis(2-Chloroethoxy)met...	9.846	93	459409	37.932	ng		100
29) 2,4-Dichlorophenol	10.093	162	344404	39.999	ng		98
30) 1,2,4-Trichlorobenzene	10.293	180	360510	37.155	ng		99
31) Naphthalene	10.475	128	1161179	37.947	ng		99
32) Benzoic acid	9.775	122	231732	39.103	ng		95
33) 4-Chloroaniline	10.593	127	501792	40.638	ng		99
34) Hexachlorobutadiene	10.757	225	232067	36.920	ng		96
35) Caprolactam	11.387	113	130047	41.746	ng		100
36) 4-Chloro-3-methylphenol	11.734	107	420092	40.008	ng		100
37) 2-Methylnaphthalene	12.093	142	763297	38.524	ng		100
38) 1-Methylnaphthalene	12.316	142	805636	38.002	ng		99
40) 1,2,4,5-Tetrachloroben...	12.463	216	427810	38.382	ng		100
41) Hexachlorocyclopentadiene	12.440	237	285304	42.213	ng		98
43) 2,4,6-Trichlorophenol	12.716	196	297629	41.226	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024634.D
Acq On : 15 May 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 15 13:40:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

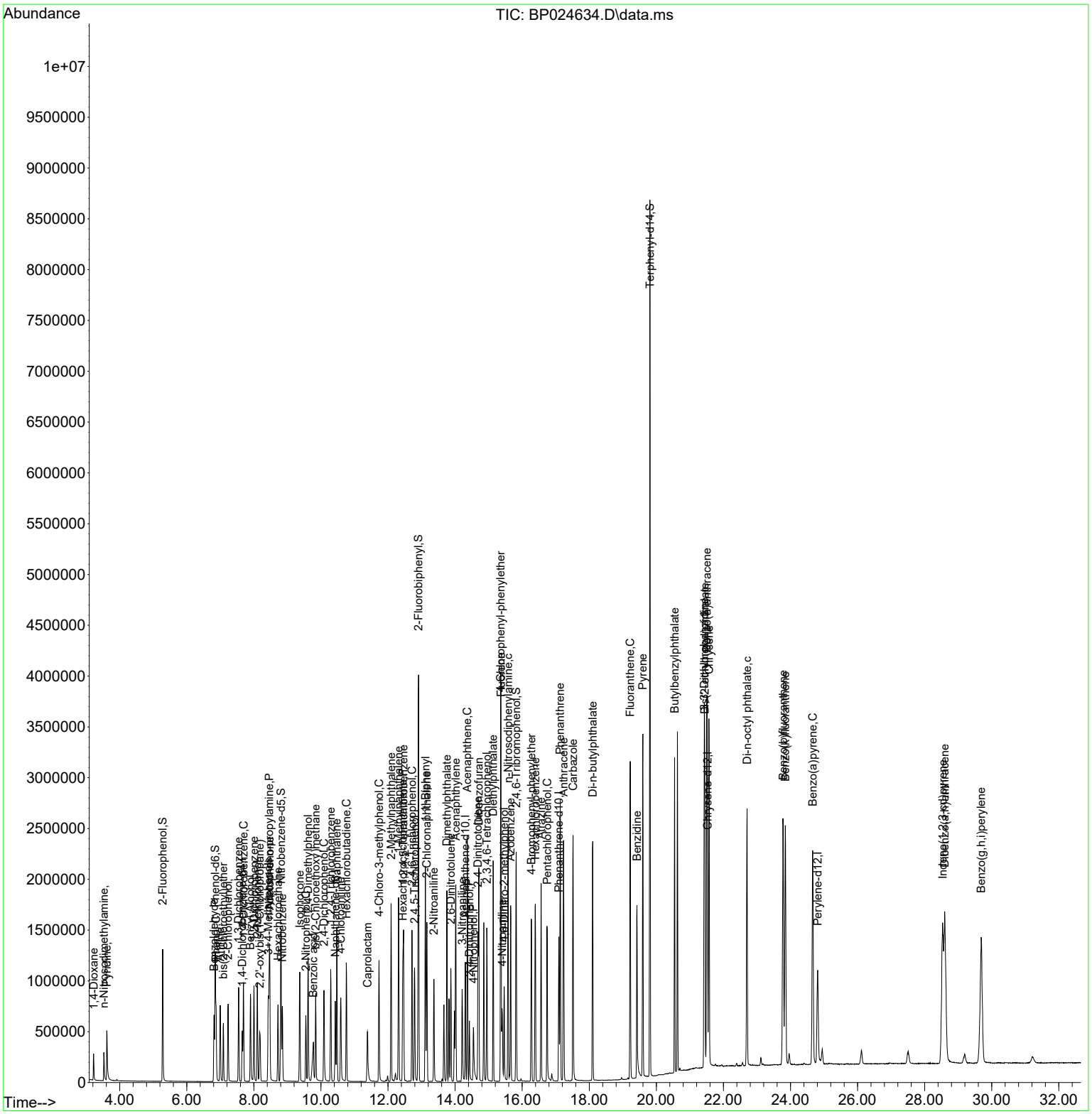
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	315927	39.313	ng		97
46) 1,1'-Biphenyl	13.116	154	1068131	37.651	ng		100
47) 2-Chloronaphthalene	13.157	162	820417	37.928	ng		99
48) 2-Nitroaniline	13.369	65	258312	40.335	ng		98
49) Acenaphthylene	14.022	152	1390232	38.405	ng		100
50) Dimethylphthalate	13.757	163	1099800	37.592	ng		100
51) 2,6-Dinitrotoluene	13.875	165	240434	38.913	ng		98
52) Acenaphthene	14.363	154	787414	37.838	ng		100
53) 3-Nitroaniline	14.210	138	258701	41.006	ng		100
54) 2,4-Dinitrophenol	14.428	184	130453	37.204	ng		99
55) Dibenzofuran	14.710	168	1273526	38.367	ng		98
56) 4-Nitrophenol	14.545	139	199455	38.819	ng		98
57) 2,4-Dinitrotoluene	14.681	165	347771	39.924	ng		98
58) Fluorene	15.369	166	1040858	38.456	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.945	232	294291	39.477	ng		100
60) Diethylphthalate	15.134	149	1133709	38.341	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	515911	38.222	ng		99
62) 4-Nitroaniline	15.404	138	259097	42.533	ng		98
63) Azobenzene	15.657	77	984323	38.912	ng		99
65) 4,6-Dinitro-2-methylph...	15.463	198	198484	39.144	ng		99
66) n-Nitrosodiphenylamine	15.581	169	922739	38.269	ng		99
67) 4-Bromophenyl-phenylether	16.275	248	352534	38.112	ng		100
68) Hexachlorobenzene	16.392	284	444096	37.783	ng		98
69) Atrazine	16.563	200	338512	38.309	ng		99
70) Pentachlorophenol	16.745	266	282553	42.824	ng		99
71) Phenanthrene	17.134	178	1646955	37.740	ng		99
72) Anthracene	17.233	178	1652621	37.640	ng		100
73) Carbazole	17.516	167	1556303	39.163	ng		99
74) Di-n-butylphthalate	18.104	149	1996950	39.073	ng		100
75) Fluoranthene	19.222	202	1938125	37.994	ng		100
77) Benzidine	19.422	184	1000272	42.277	ng		99
78) Pyrene	19.598	202	2024361	38.892	ng		100
80) Butylbenzylphthalate	20.545	149	923140	39.878	ng		96
81) Benzo(a)anthracene	21.504	228	2081406	38.158	ng		99
82) 3,3'-Dichlorobenzidine	21.427	252	852276	42.067	ng		100
83) Chrysene	21.569	228	1972026	38.138	ng		99
84) Bis(2-ethylhexyl)phtha...	21.445	149	1357083	39.885	ng		100
85) Di-n-octyl phthalate	22.704	149	2276070	40.907	ng		100
87) Indeno(1,2,3-cd)pyrene	28.539	276	2869776	38.803	ng	#	91
88) Benzo(b)fluoranthene	23.780	252	2243754	38.696	ng		98
89) Benzo(k)fluoranthene	23.845	252	2270811	38.006	ng		100
90) Benzo(a)pyrene	24.663	252	2156788	38.729	ng		99
91) Dibenzo(a,h)anthracene	28.598	278	2335393	38.815	ng		98
92) Benzo(g,h,i)perylene	29.686	276	2325227	38.862	ng		99

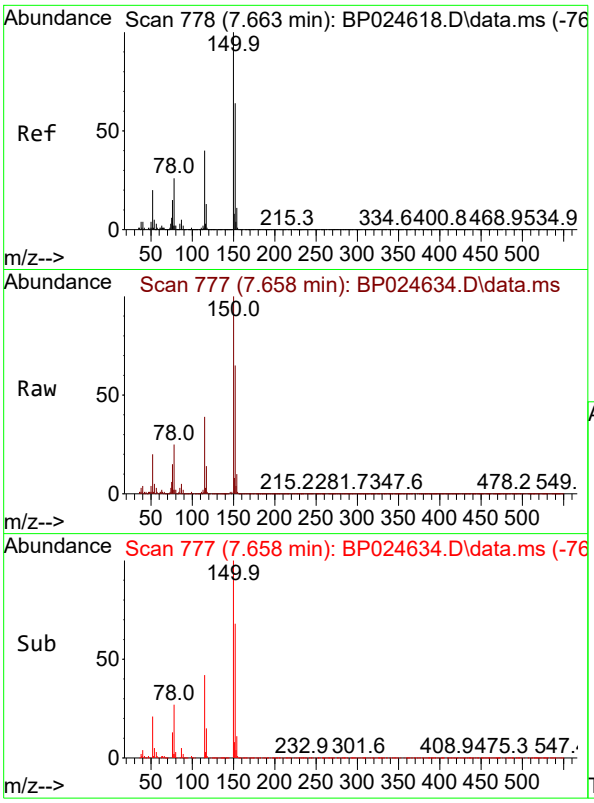
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024634.D
Acq On : 15 May 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 15 13:40:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



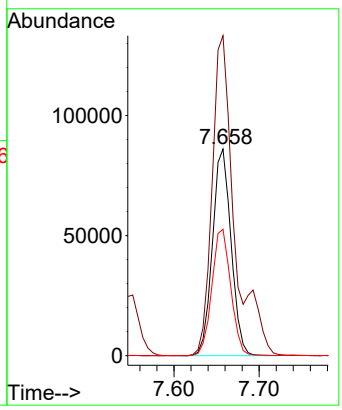


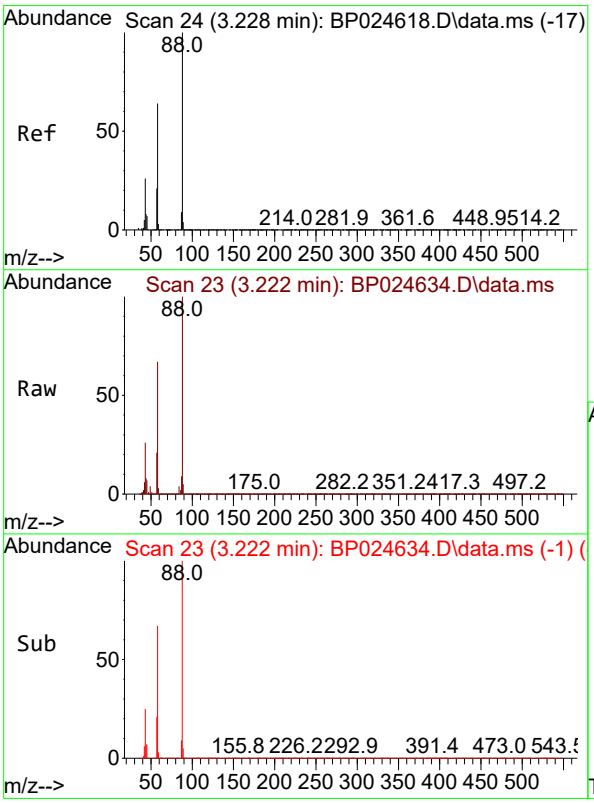
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 7
Delta R.T. -0.005 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 130531

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.9	188.9
115	61.2	50.1	75.1

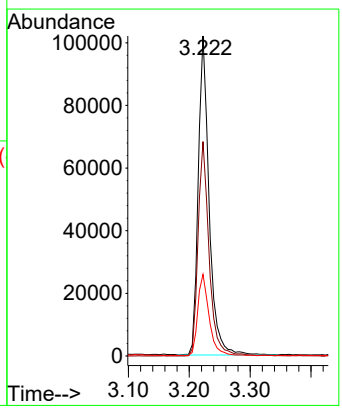


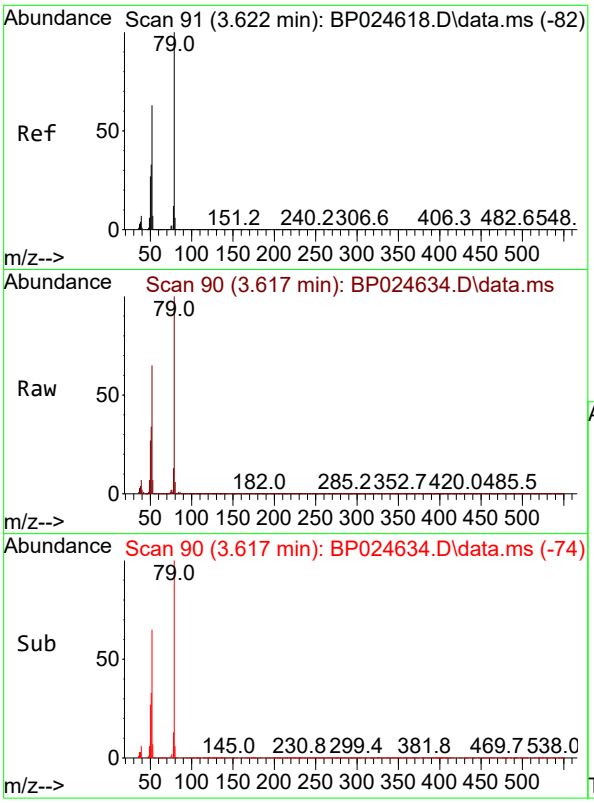


#2
1,4-Dioxane
Concen: 35.390 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion: 88 Resp: 126825

Ion	Ratio	Lower	Upper
88	100		
58	68.1	54.0	81.0
43	26.4	21.4	32.0



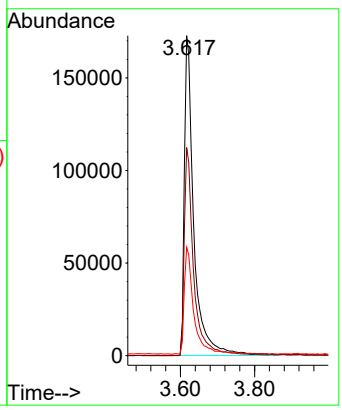


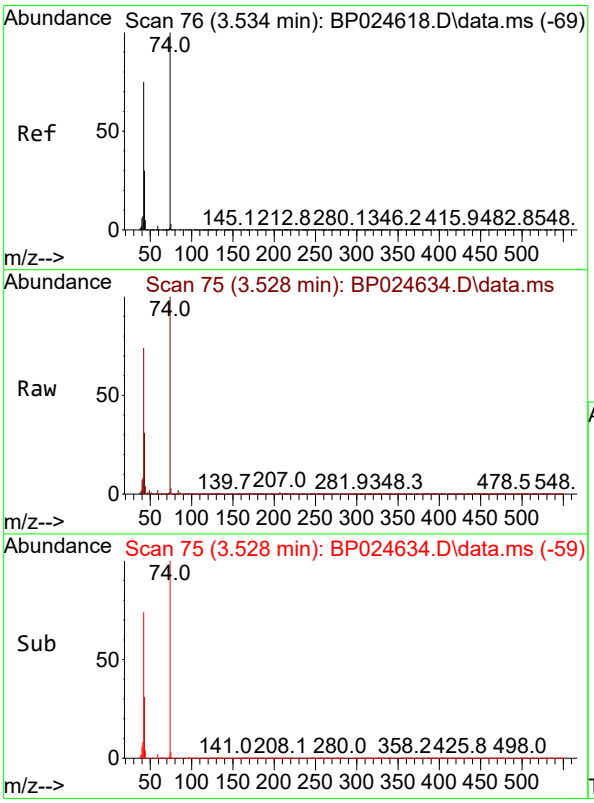
#3
Pyridine
Concen: 38.953 ng
RT: 3.617 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 309533

Ion	Ratio	Lower	Upper
79	100		
52	65.1	50.2	75.2
51	33.8	26.8	40.2

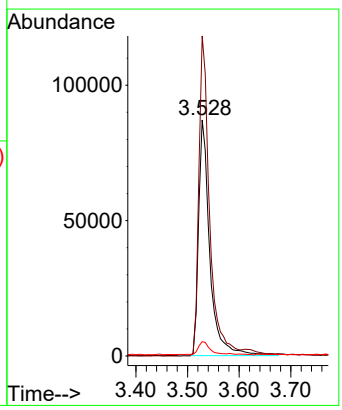


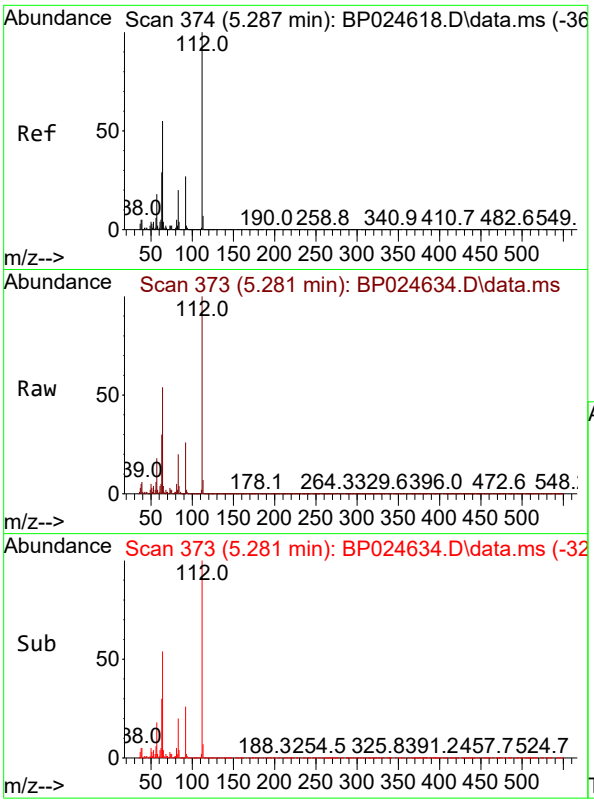


#4
n-Nitrosodimethylamine
Concen: 37.459 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion: 42 Resp: 131408

Ion	Ratio	Lower	Upper
42	100		
74	135.6	106.2	159.2
44	6.0	5.4	8.2



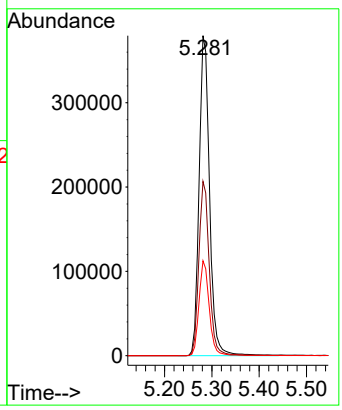


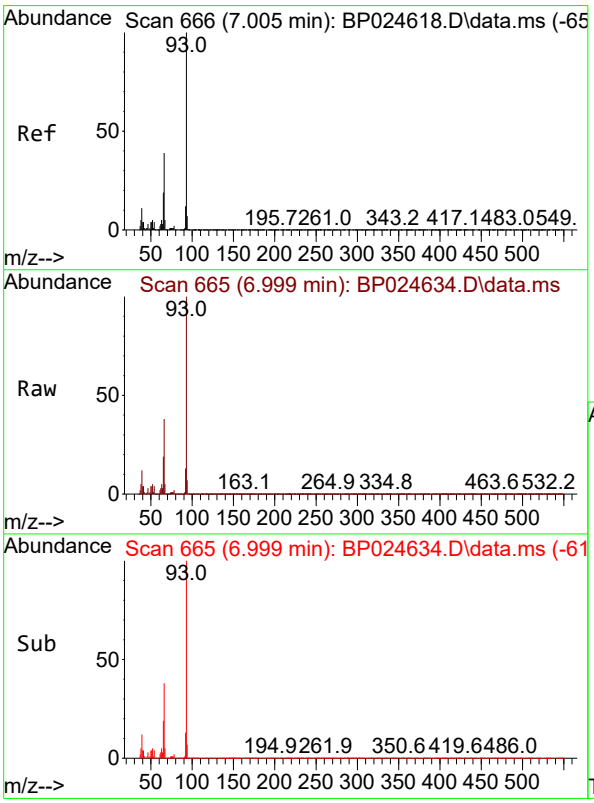
#5
2-Fluorophenol
Concen: 76.128 ng
RT: 5.281 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 580986

Ion	Ratio	Lower	Upper
112	100		
64	54.5	44.1	66.1
63	29.6	23.5	35.3

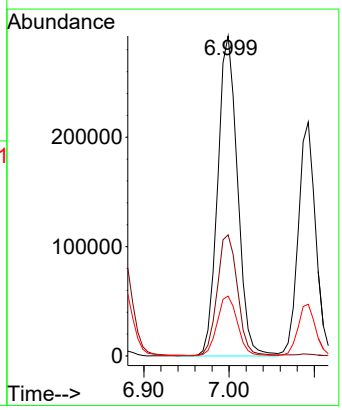


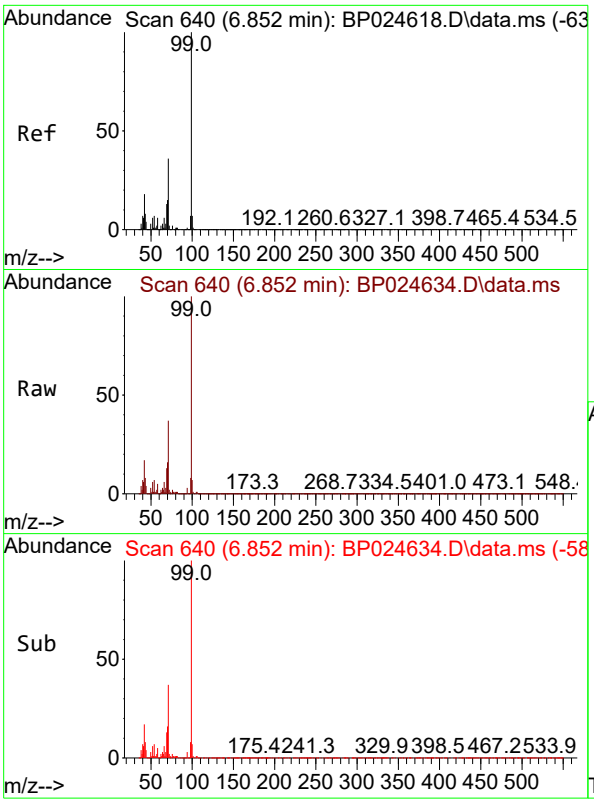


#6
Aniline
Concen: 37.560 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion: 93 Resp: 472339

Ion	Ratio	Lower	Upper
93	100		
66	37.9	31.0	46.6
65	18.7	15.5	23.3



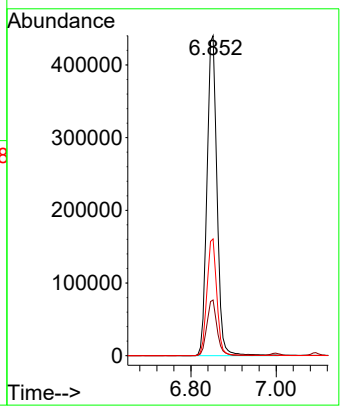


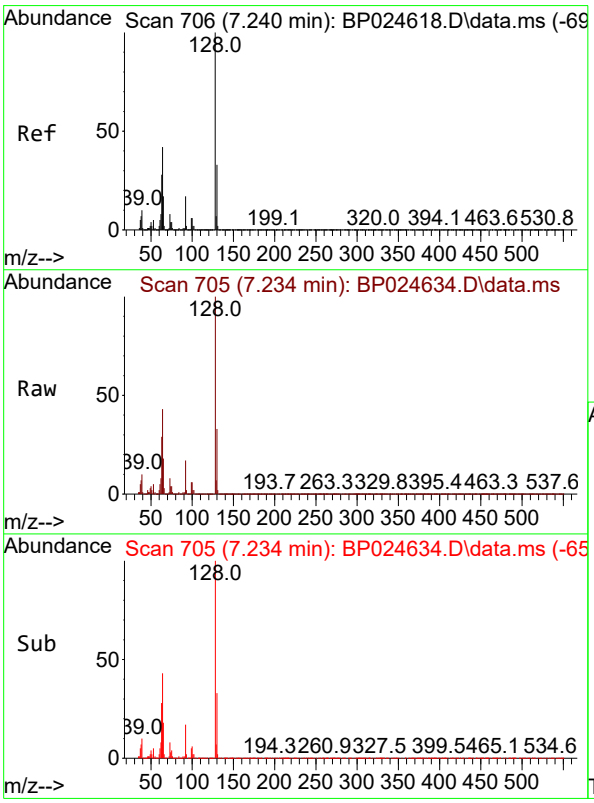
#7
Phenol-d6
Concen: 73.619 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 717060

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.4	21.6
71	36.5	29.2	43.8

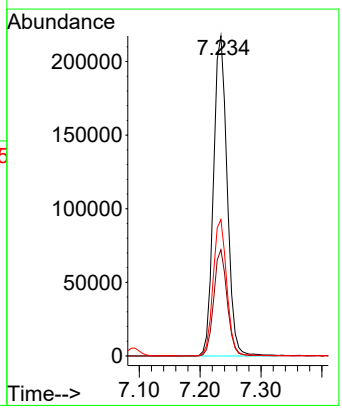


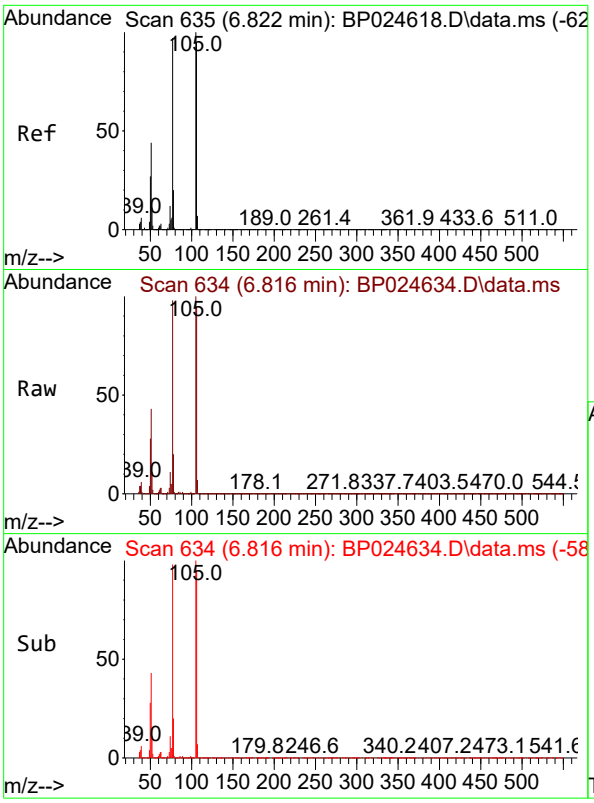


#8
2-Chlorophenol
Concen: 39.050 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:128 Resp: 338313

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	42.7	22.3	62.3



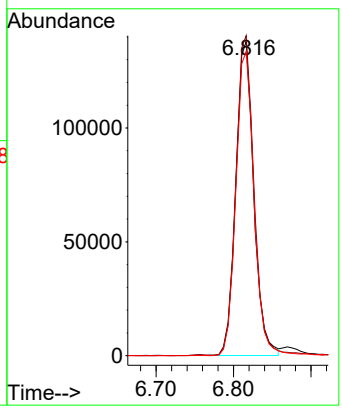


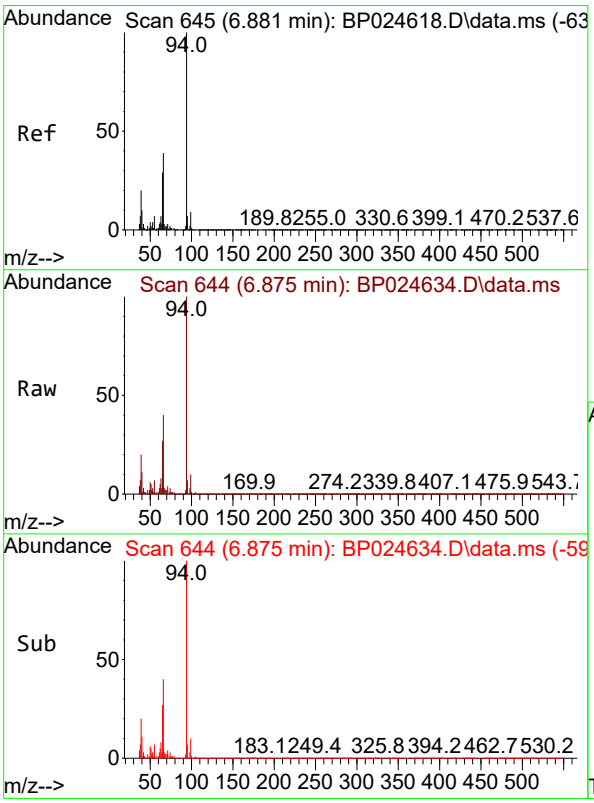
#9
Benzaldehyde
Concen: 35.324 ng
RT: 6.816 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 222724

Ion	Ratio	Lower	Upper
77	100		
105	101.8	83.3	123.3
106	96.7	78.0	118.0

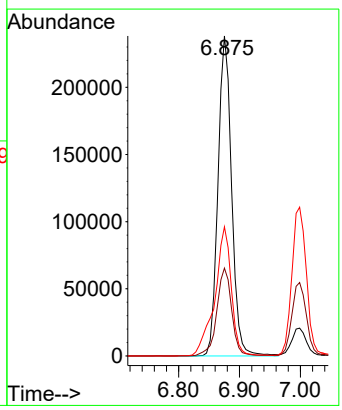


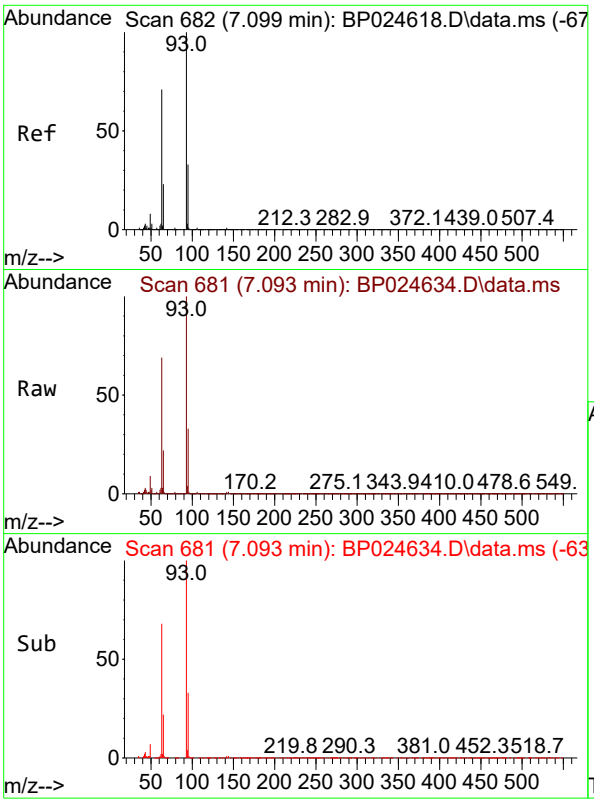


#10
Phenol
Concen: 36.754 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion: 94 Resp: 369494

Ion	Ratio	Lower	Upper
94	100		
65	27.5	8.7	48.7
66	40.3	19.4	59.4



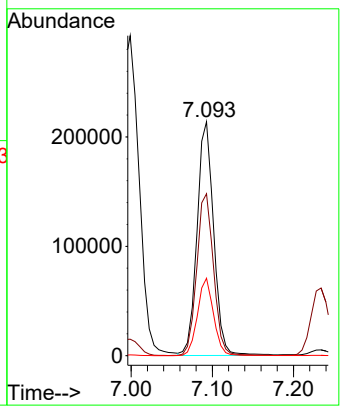


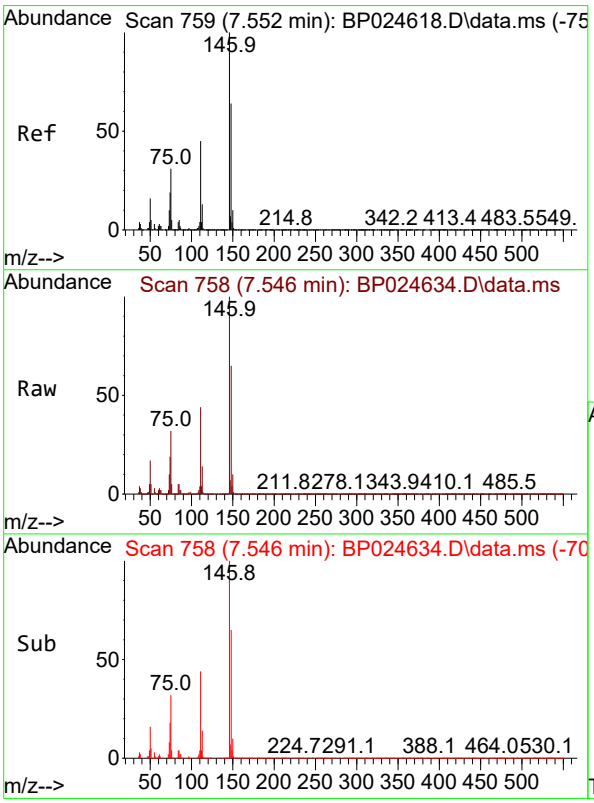
#11
bis(2-Chloroethyl)ether
Concen: 36.919 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 304974

Ion	Ratio	Lower	Upper
93	100		
63	69.2	50.6	90.6
95	33.1	12.9	52.9

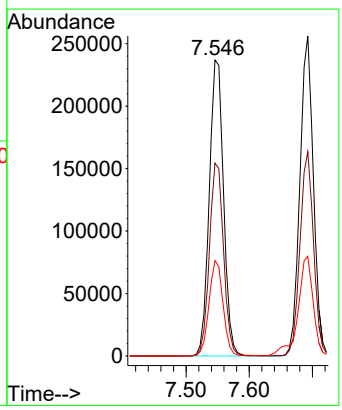


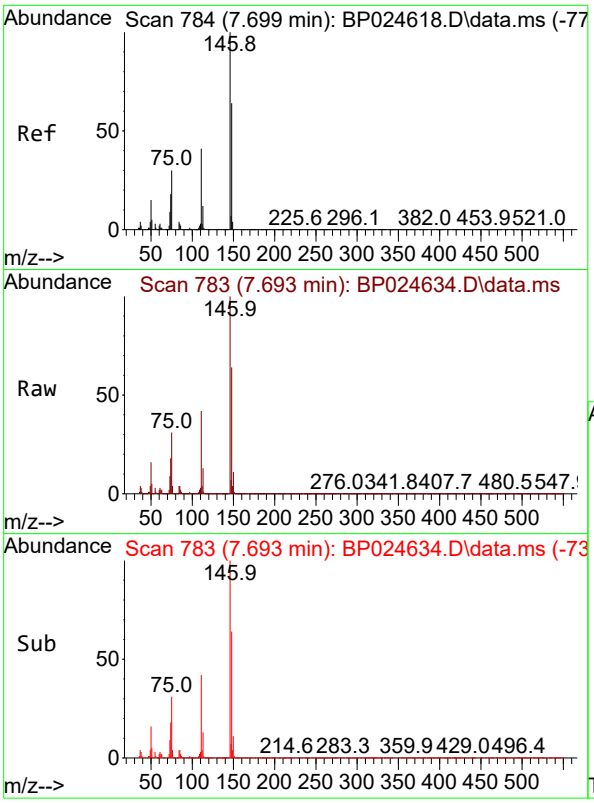


#12
1,3-Dichlorobenzene
Concen: 37.251 ng
RT: 7.546 min Scan# 758
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:146 Resp: 371299

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.2
75	32.2	25.2	37.8



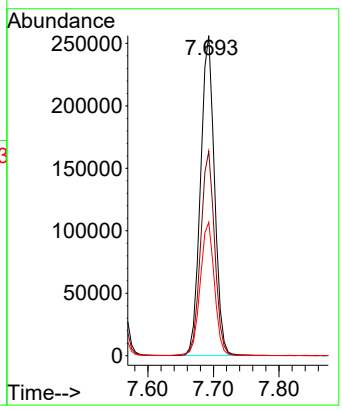


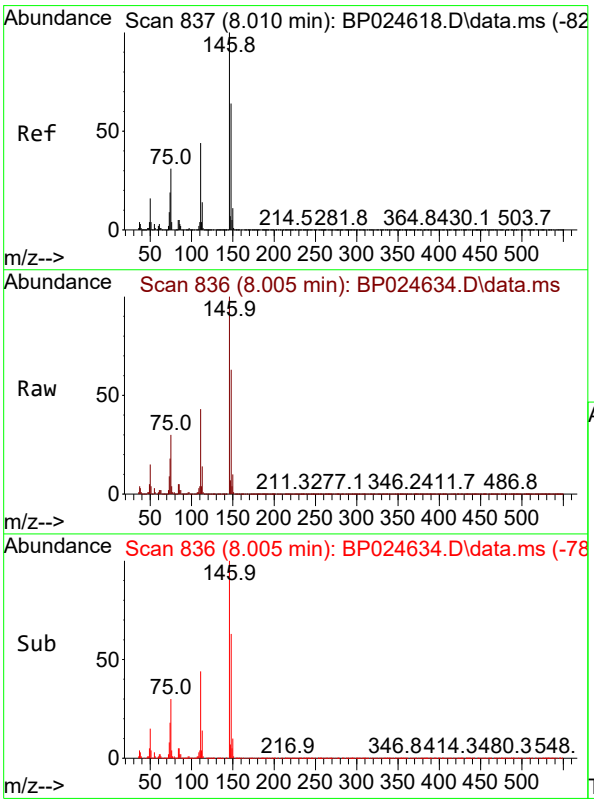
#13
1,4-Dichlorobenzene
Concen: 37.969 ng
RT: 7.693 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 380641

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	41.7	33.0	49.6

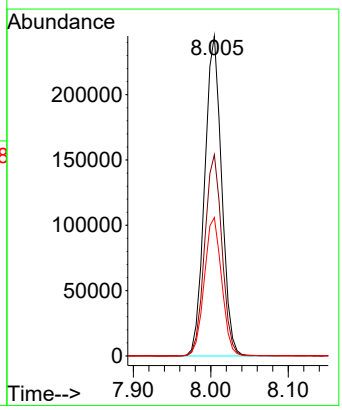


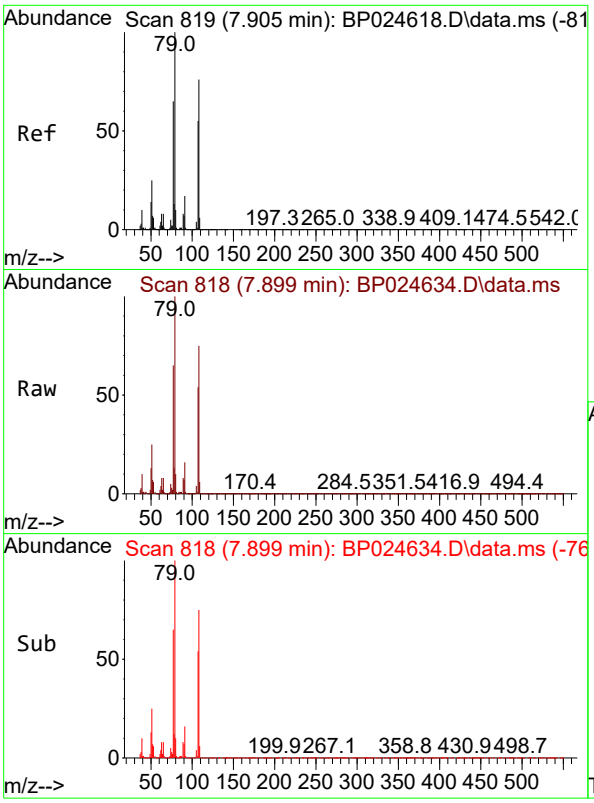


#14
1,2-Dichlorobenzene
Concen: 38.142 ng
RT: 8.005 min Scan# 836
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:146 Resp: 372600

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.4
111	43.2	35.2	52.8



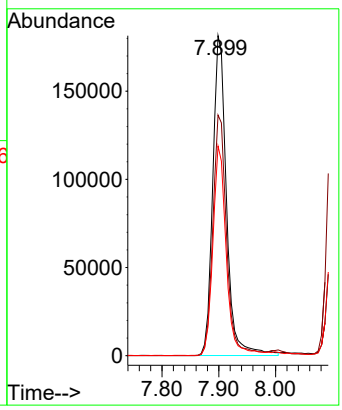


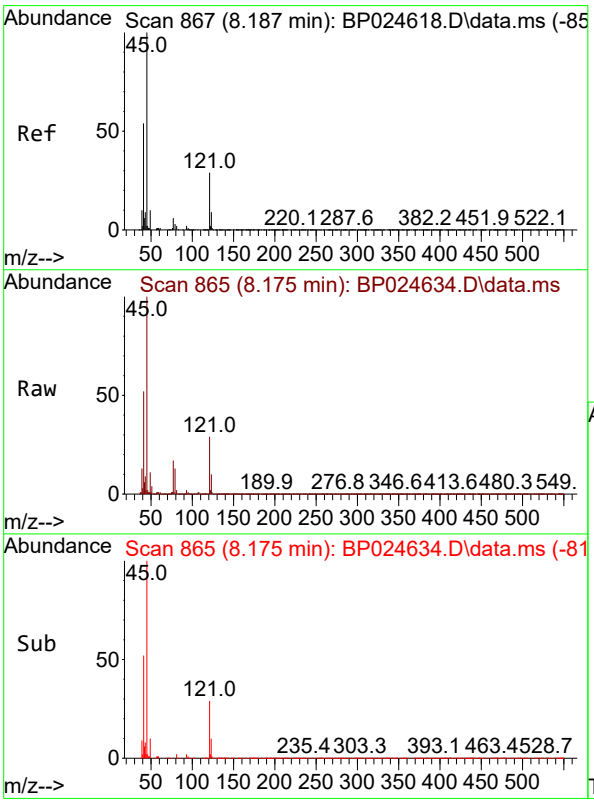
#15
Benzyl Alcohol
Concen: 41.086 ng
RT: 7.899 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 304110

Ion	Ratio	Lower	Upper
79	100		
108	75.2	60.8	91.2
77	65.5	51.9	77.9

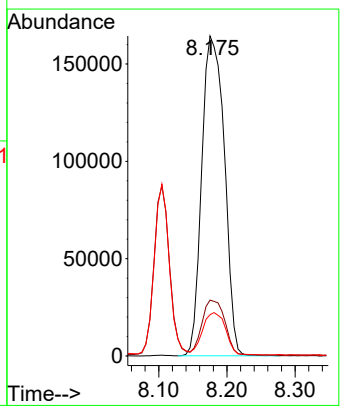


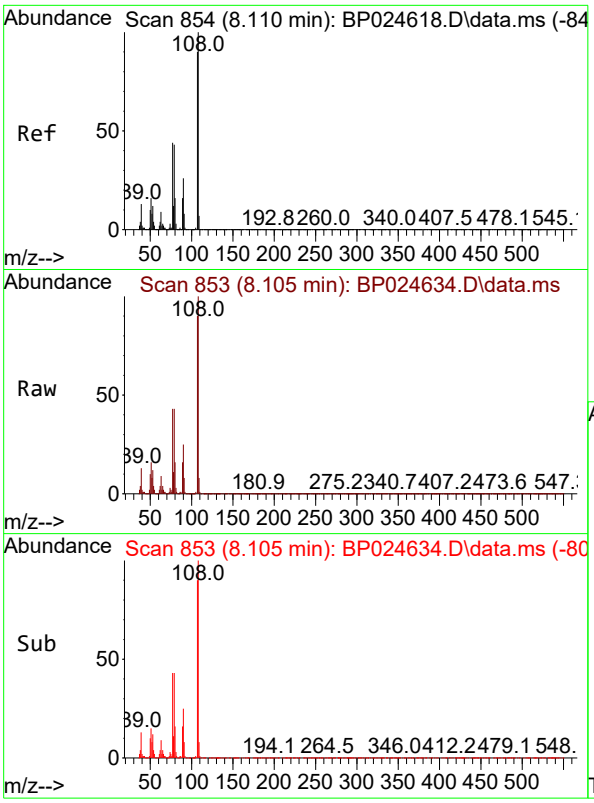


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.301 ng
RT: 8.175 min Scan# 865
Delta R.T. -0.012 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion: 45 Resp: 378904

Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	37.7
79	12.9	0.0	34.0



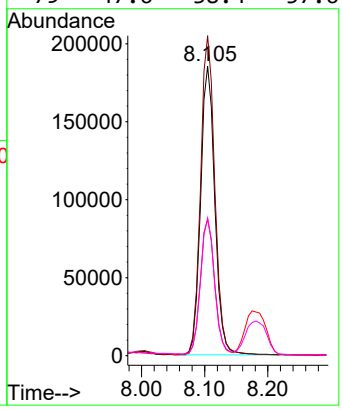


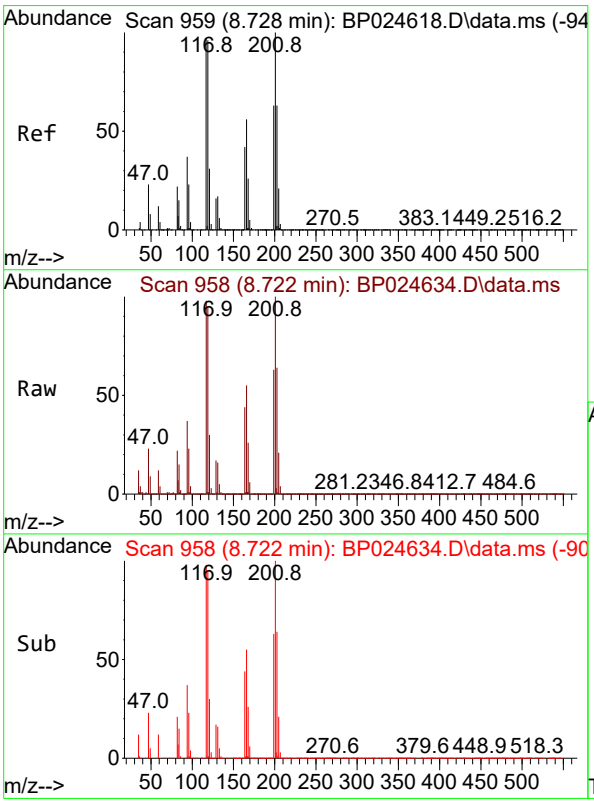
#17
2-Methylphenol
Concen: 40.259 ng
RT: 8.105 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 290282

Ion	Ratio	Lower	Upper
107	100		
108	110.6	88.9	133.3
77	47.1	39.0	58.6
79	47.6	38.4	57.6

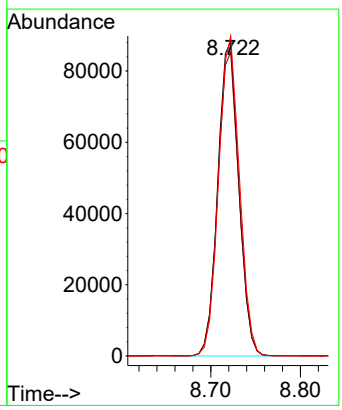


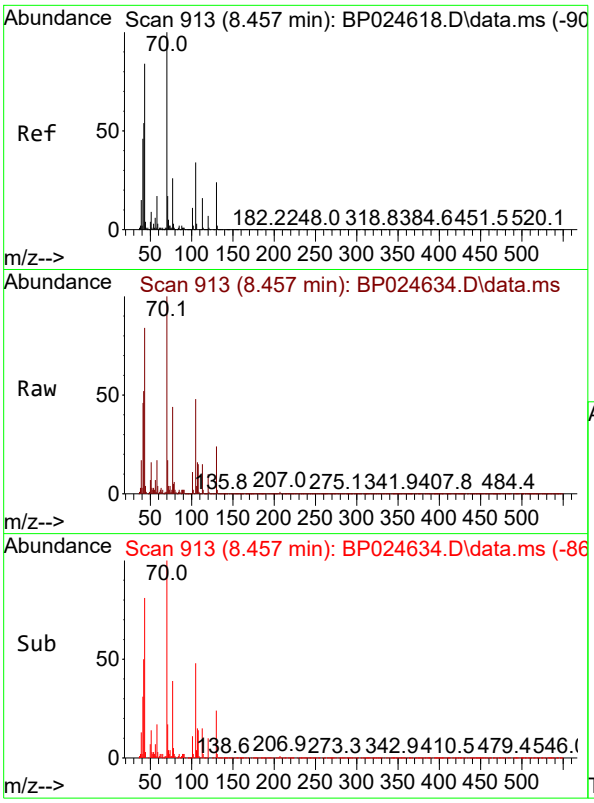


#18
Hexachloroethane
Concen: 37.212 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:117 Resp: 142958

Ion	Ratio	Lower	Upper
117	100		
119	96.7	79.4	119.0
201	101.8	82.7	124.1



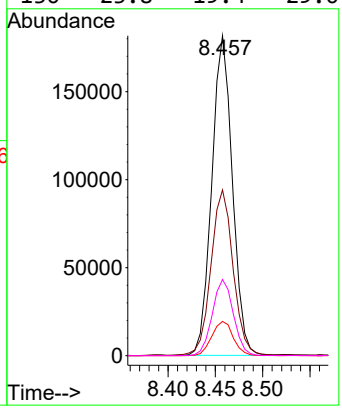


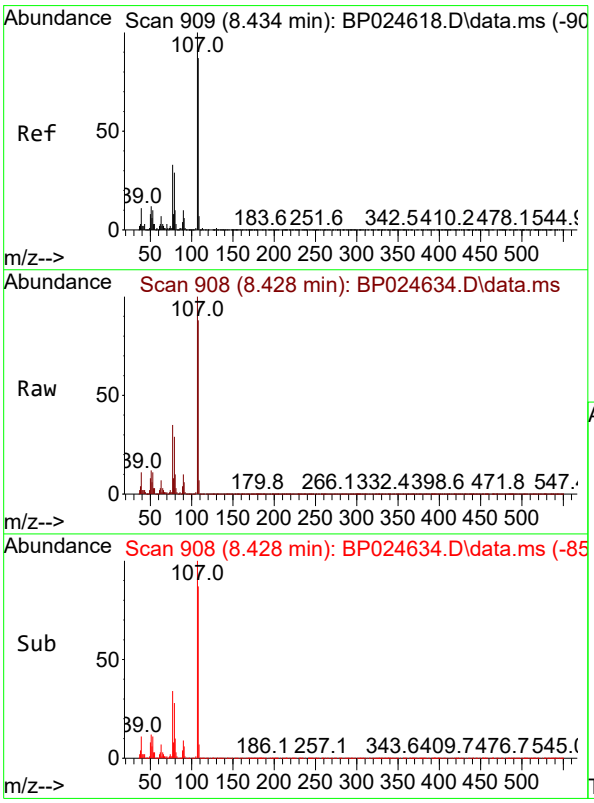
#19
n-Nitroso-di-n-propylamine
Concen: 40.821 ng
RT: 8.457 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 275040

Ion	Ratio	Lower	Upper
70	100		
42	51.8	43.0	64.6
101	10.7	8.7	13.1
130	23.8	19.4	29.0

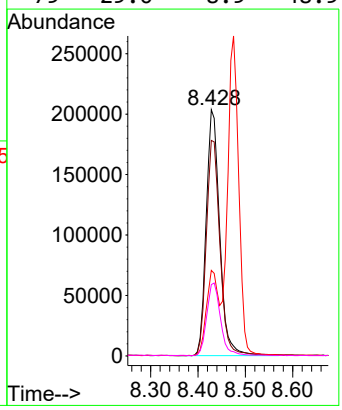


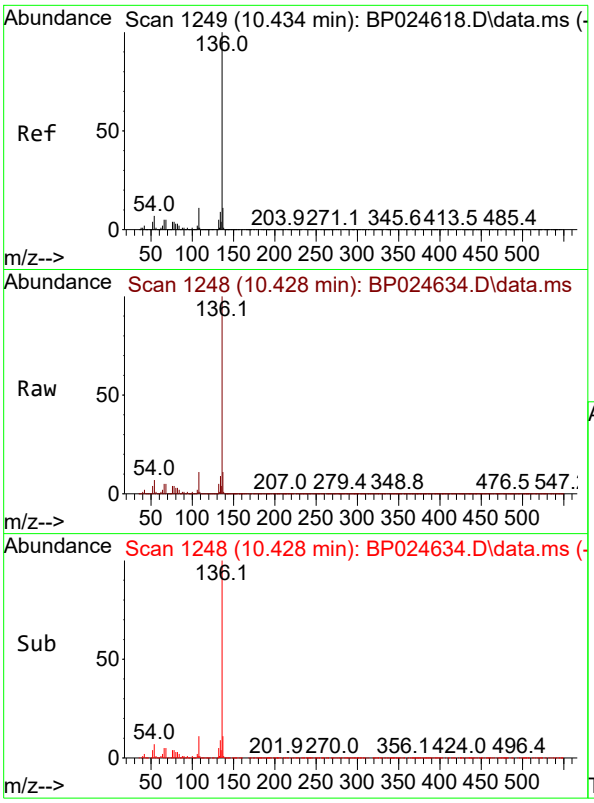


#20
3+4-Methylphenols
Concen: 41.091 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:107 Resp: 403026

Ion	Ratio	Lower	Upper
107	100		
108	87.6	66.7	106.7
77	34.7	13.1	53.1
79	29.0	8.9	48.9



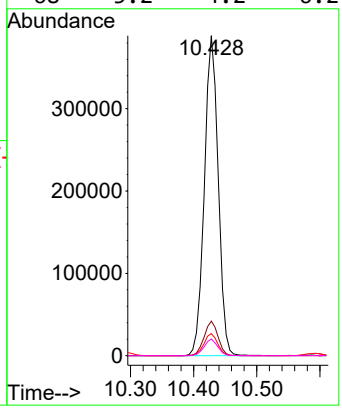


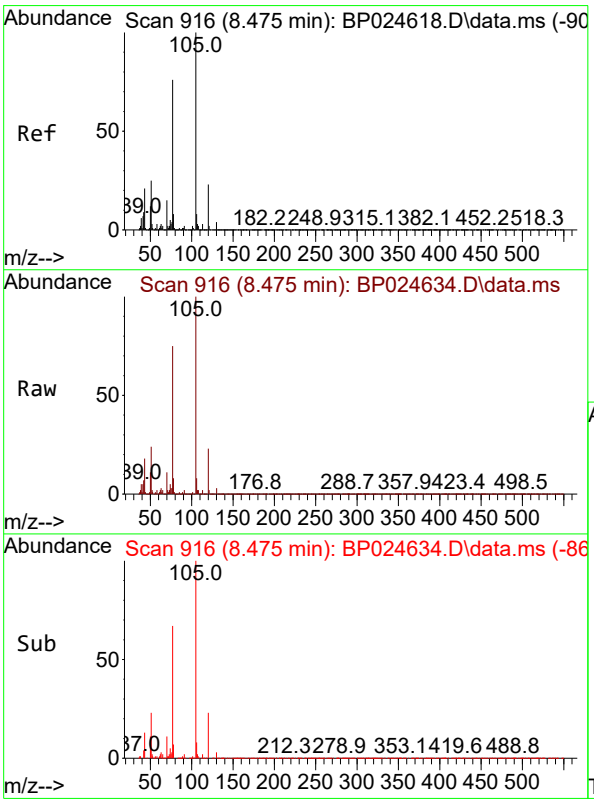
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 590490

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.9	5.5	8.3
68	5.2	4.2	6.2

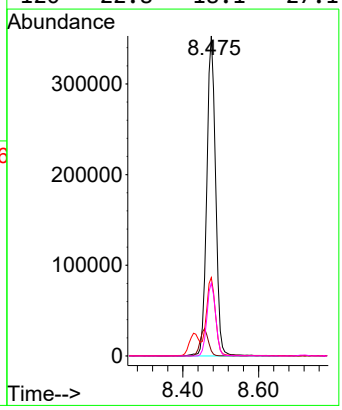


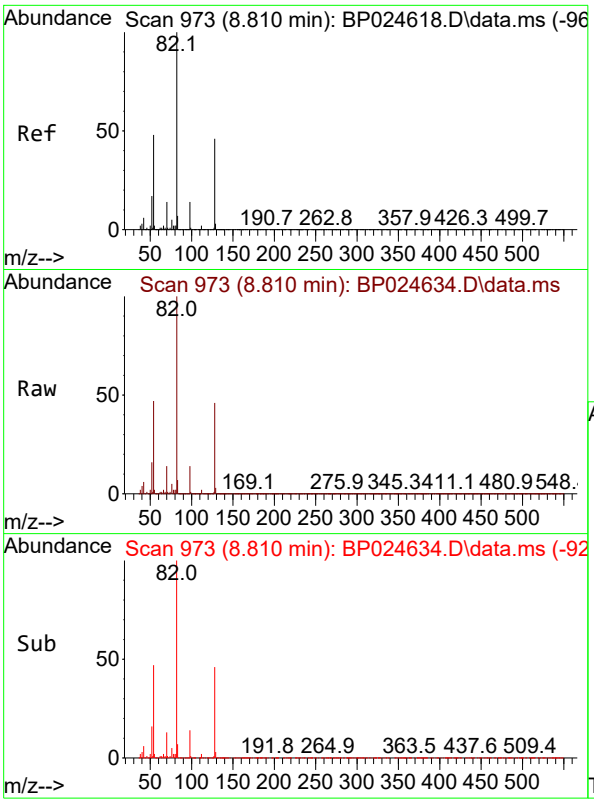


#22
Acetophenone
Concen: 38.547 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:105 Resp: 568570

Ion	Ratio	Lower	Upper
105	100		
71	1.6	2.0	3.0#
51	24.5	20.4	30.6
120	22.8	18.1	27.1



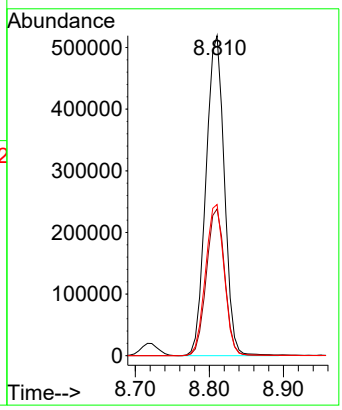


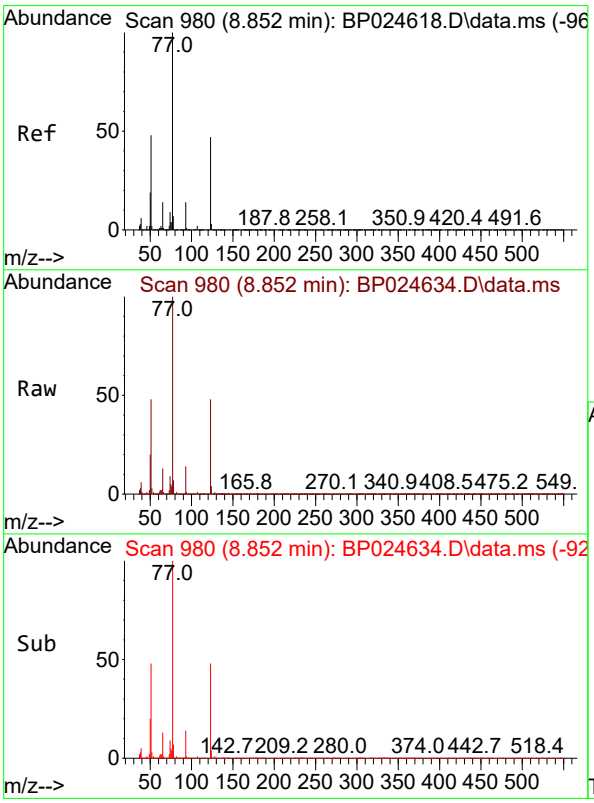
#23
Nitrobenzene-d5
Concen: 76.396 ng
RT: 8.810 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 892817

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.0	55.4
54	47.3	38.7	58.1

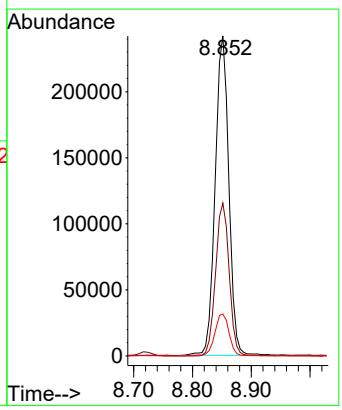


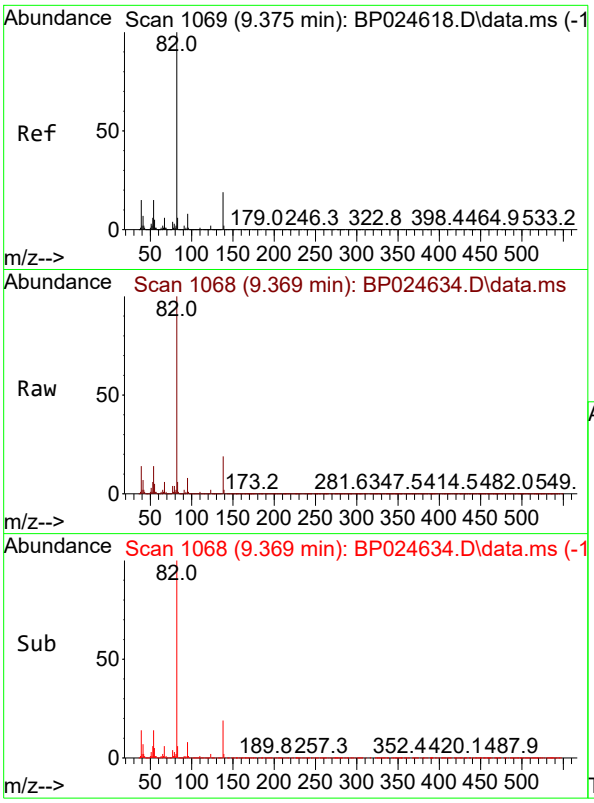


#24
Nitrobenzene
Concen: 38.025 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion: 77 Resp: 391069

Ion	Ratio	Lower	Upper
77	100		
123	47.8	37.4	56.0
65	13.1	11.3	16.9



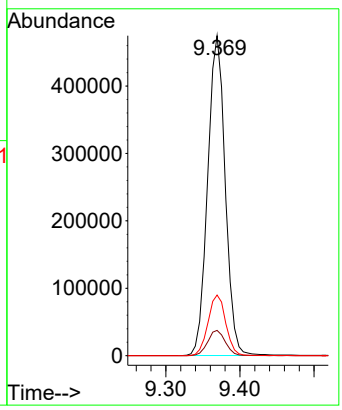


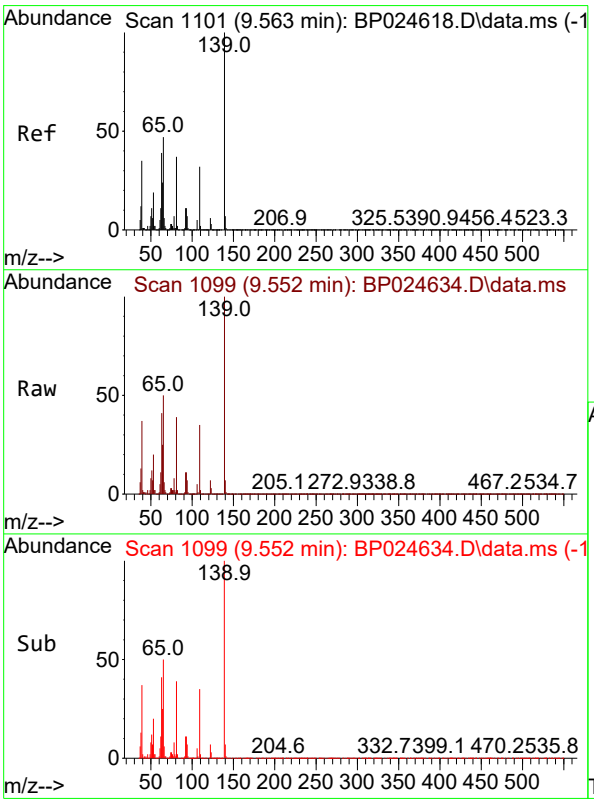
#25
Isophorone
Concen: 38.566 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 781808

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.3	9.5
138	18.9	15.3	22.9

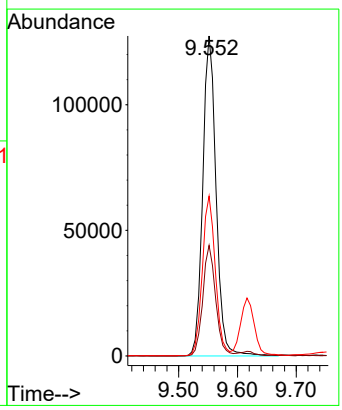


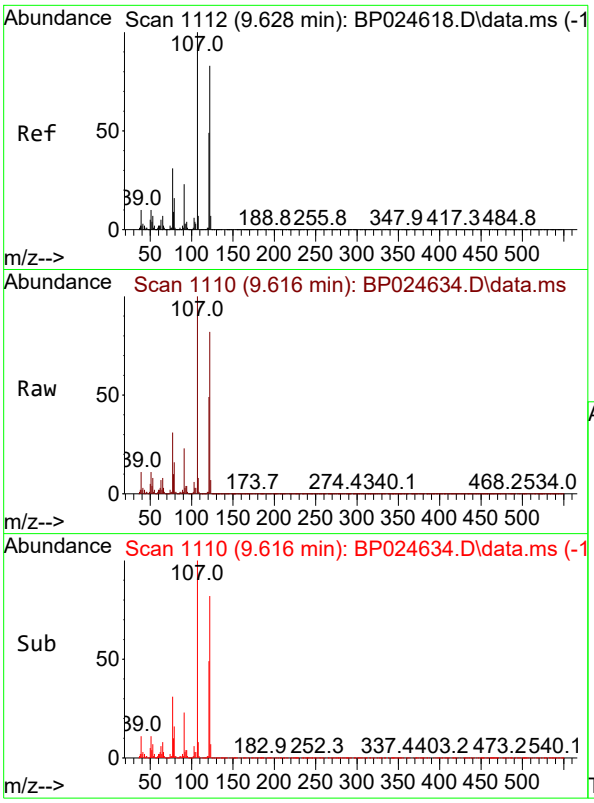


#26
2-Nitrophenol
Concen: 39.922 ng
RT: 9.552 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:139 Resp: 201188

Ion	Ratio	Lower	Upper
139	100		
109	34.6	25.9	38.9
65	50.0	37.9	56.9



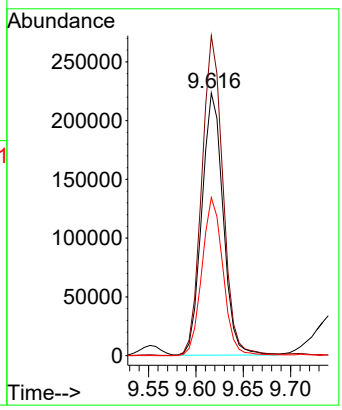


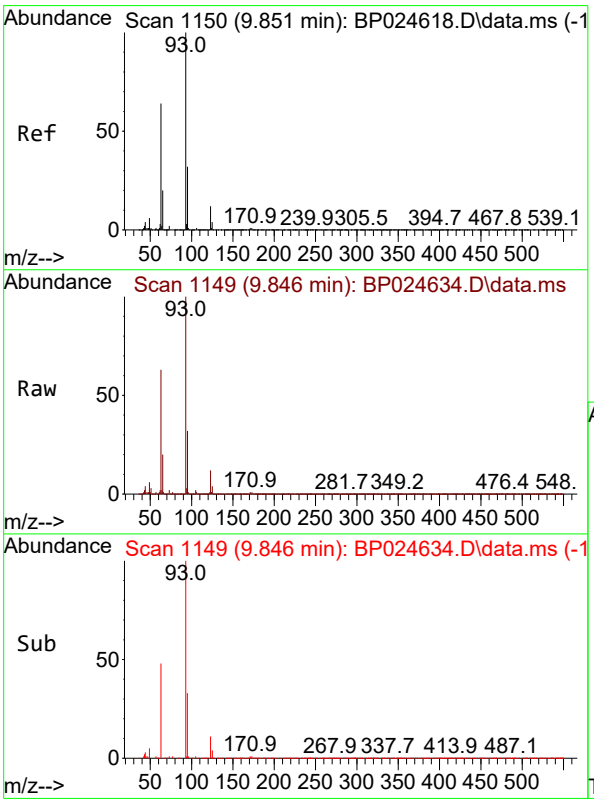
#27
2,4-Dimethylphenol
Concen: 39.326 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 349423

Ion	Ratio	Lower	Upper
122	100		
107	121.8	96.2	144.2
121	60.2	47.6	71.4

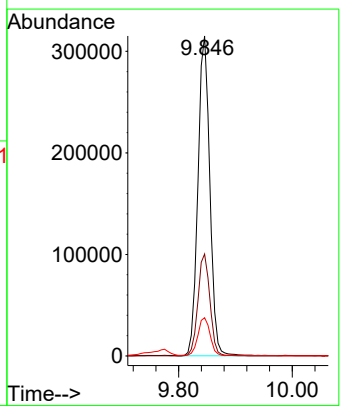


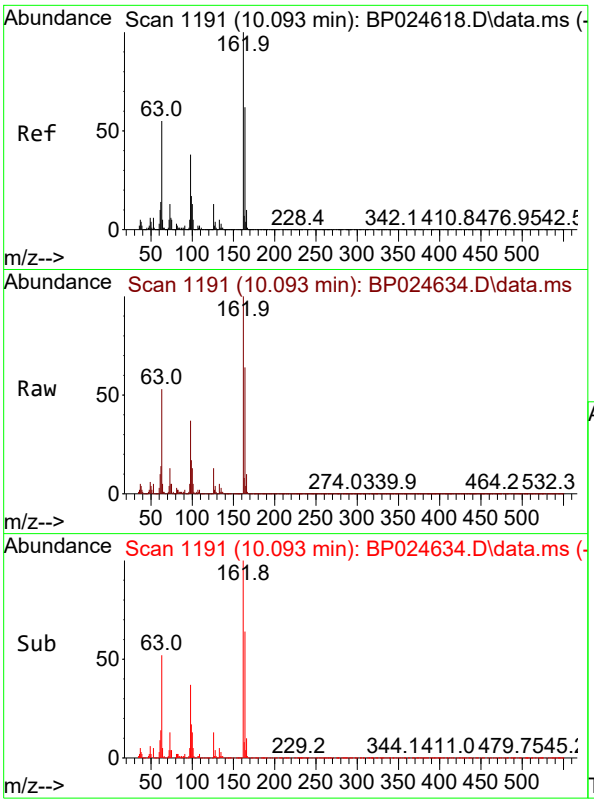


#28
bis(2-Chloroethoxy)methane
Concen: 37.932 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion: 93 Resp: 459409

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	12.0	9.7	14.5



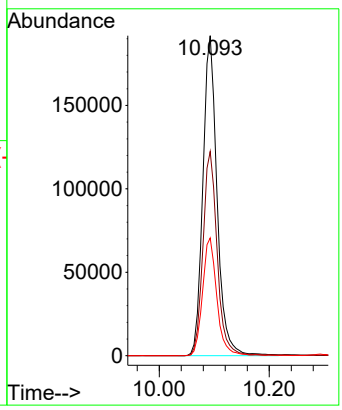


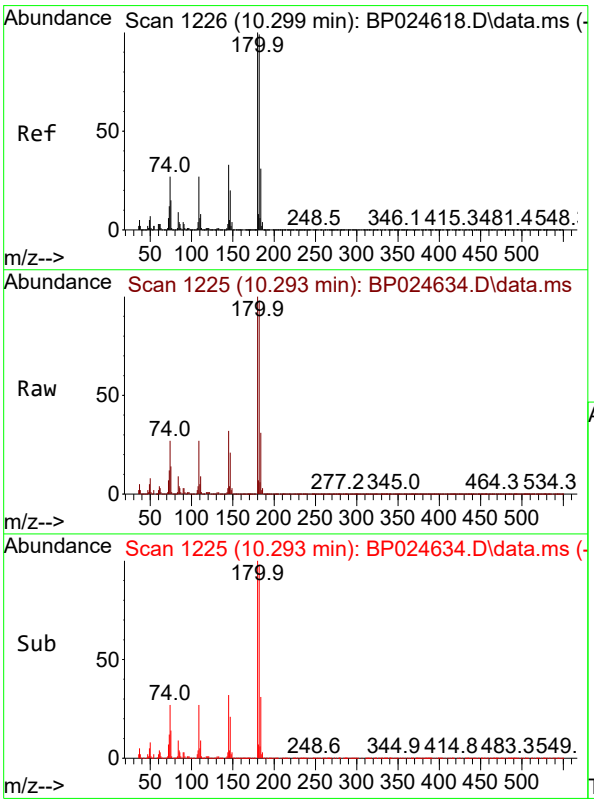
#29
2,4-Dichlorophenol
Concen: 39.999 ng
RT: 10.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 344404

Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.3	82.3
98	36.8	18.4	58.4

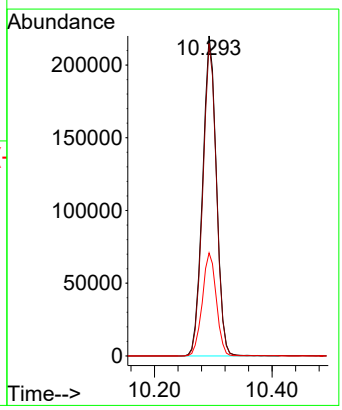


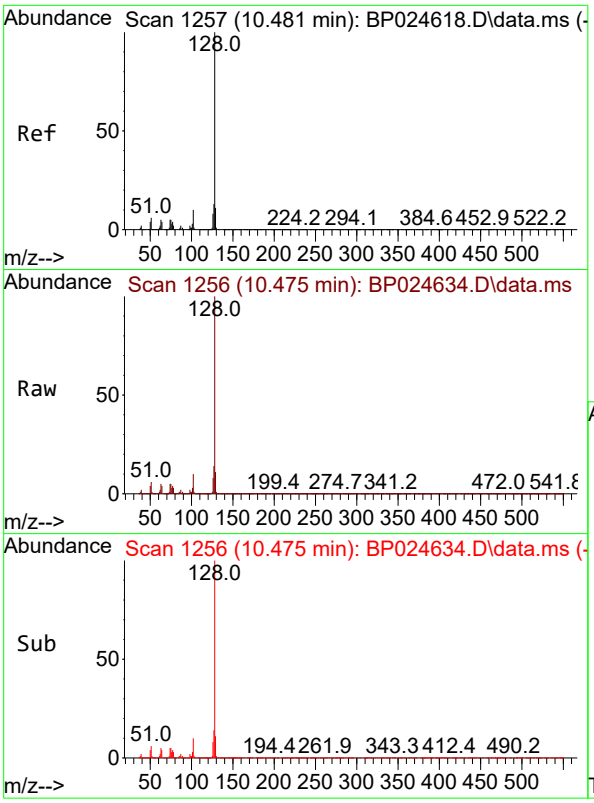


#30
1,2,4-Trichlorobenzene
Concen: 37.155 ng
RT: 10.293 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:180 Resp: 360510

Ion	Ratio	Lower	Upper
180	100		
182	97.6	79.0	118.4
145	32.2	26.6	39.8



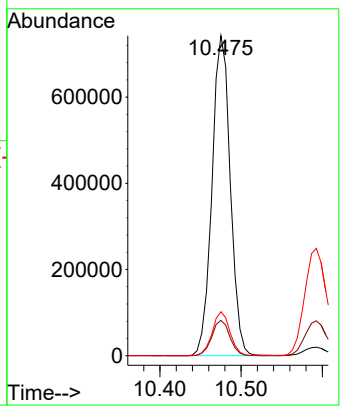


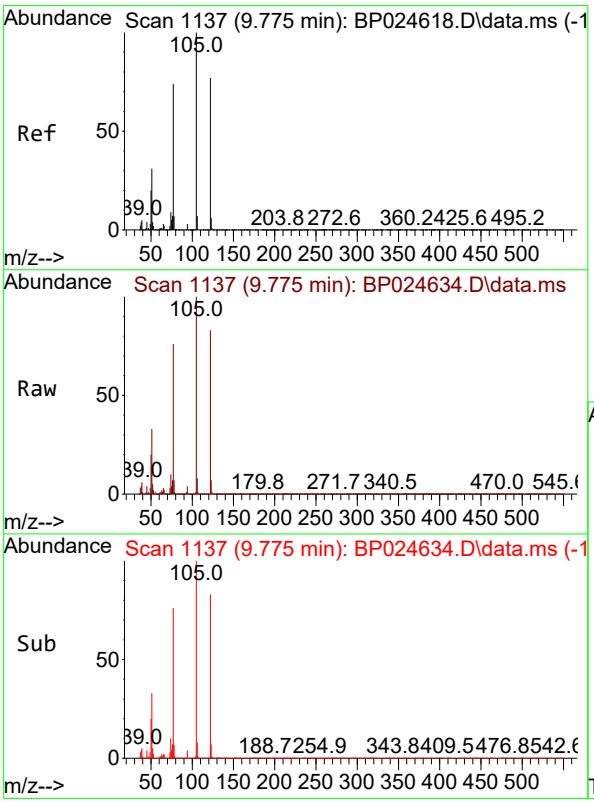
#31
Naphthalene
Concen: 37.947 ng
RT: 10.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1161179

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.7	10.7	16.1

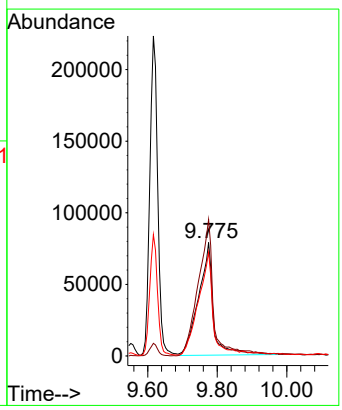


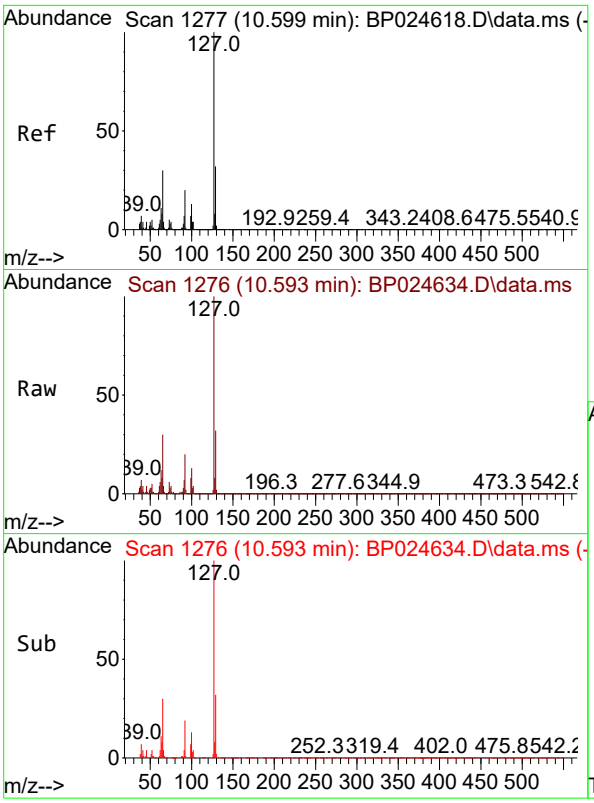


#32
Benzoic acid
Concen: 39.103 ng
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:122 Resp: 231732

Ion	Ratio	Lower	Upper
122	100		
105	120.3	106.9	146.9
77	91.7	75.1	115.1



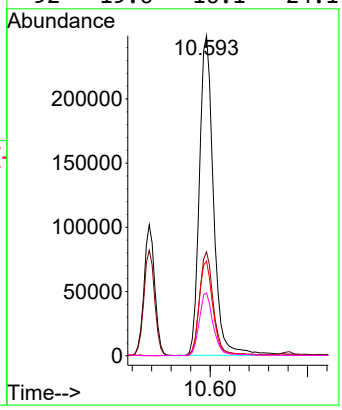


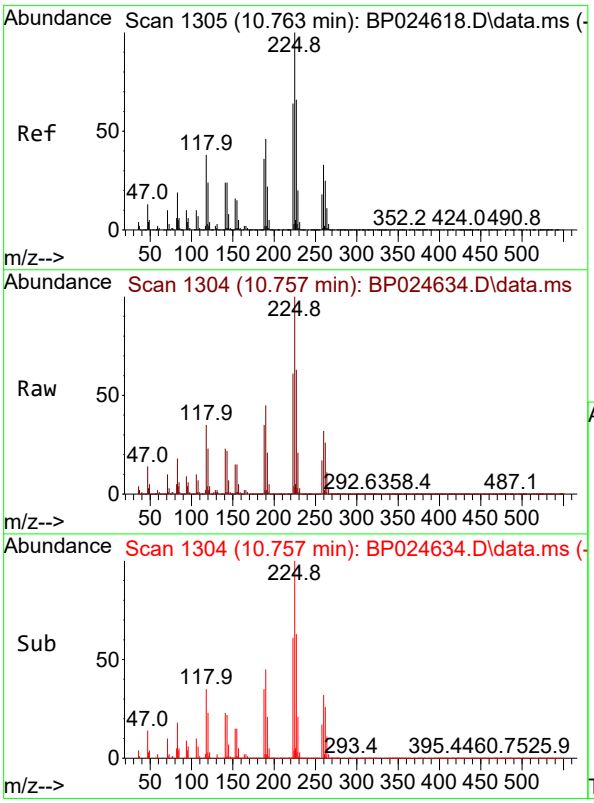
#33
4-Chloroaniline
Concen: 40.638 ng
RT: 10.593 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 501792

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	29.6	23.9	35.9
92	19.6	16.1	24.1

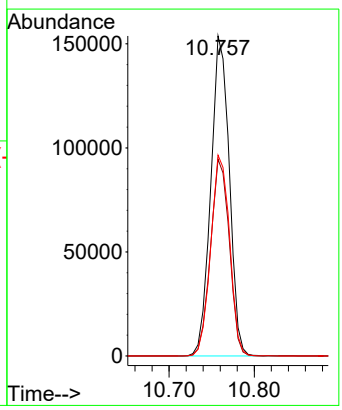


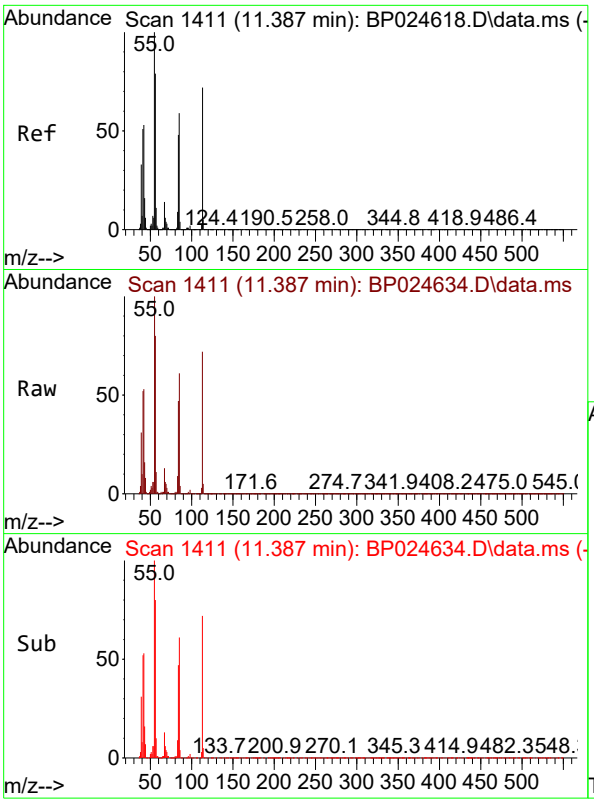


#34
Hexachlorobutadiene
Concen: 36.920 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:225 Resp: 232067

Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.0	76.6
227	62.8	53.1	79.7



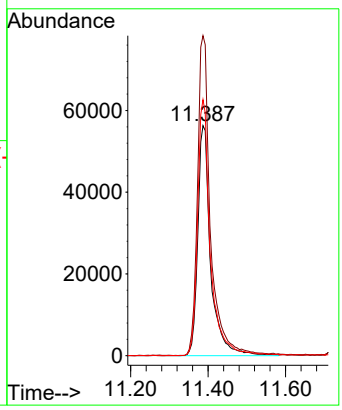


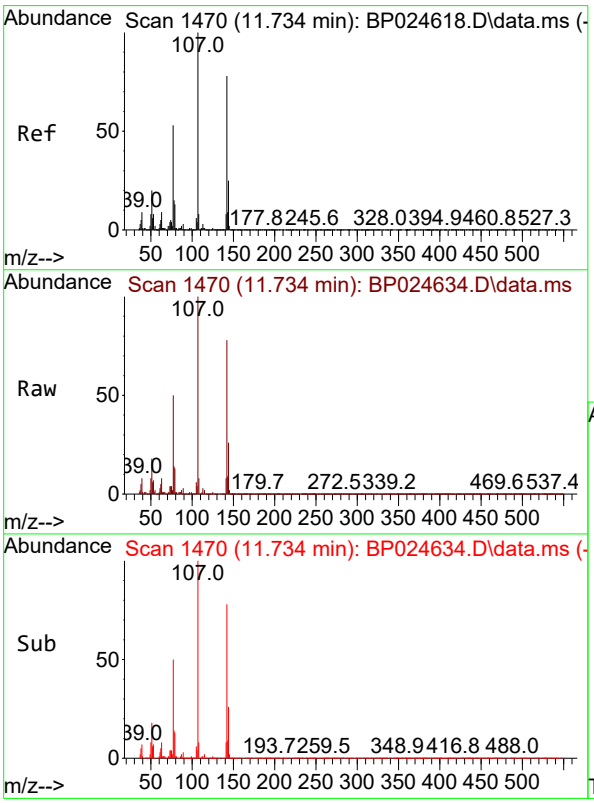
#35
Caprolactam
Concen: 41.746 ng
RT: 11.387 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 130047

Ion	Ratio	Lower	Upper
113	100		
55	139.0	119.0	159.0
56	111.2	90.3	130.3

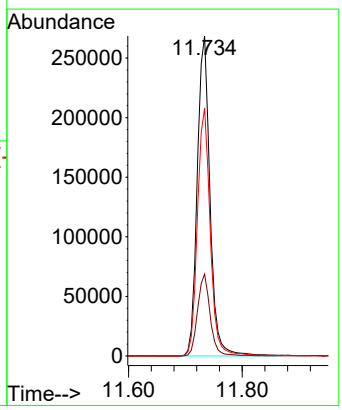


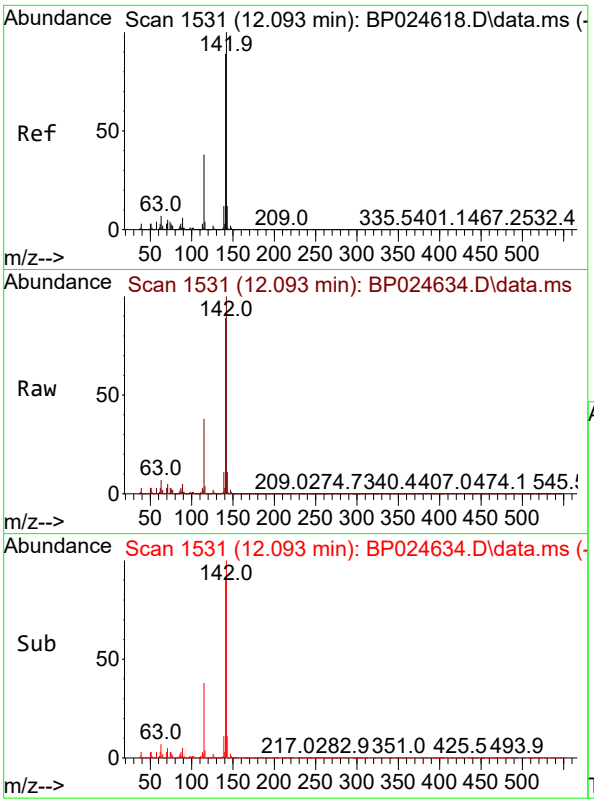


#36
4-Chloro-3-methylphenol
Concen: 40.008 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:107 Resp: 420092

Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.1	30.1
142	77.5	62.1	93.1



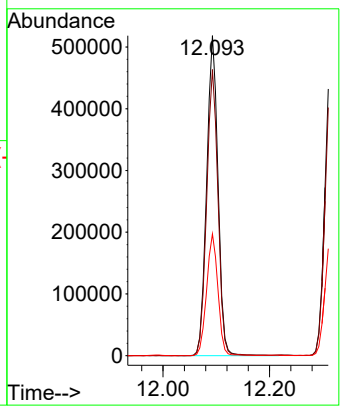


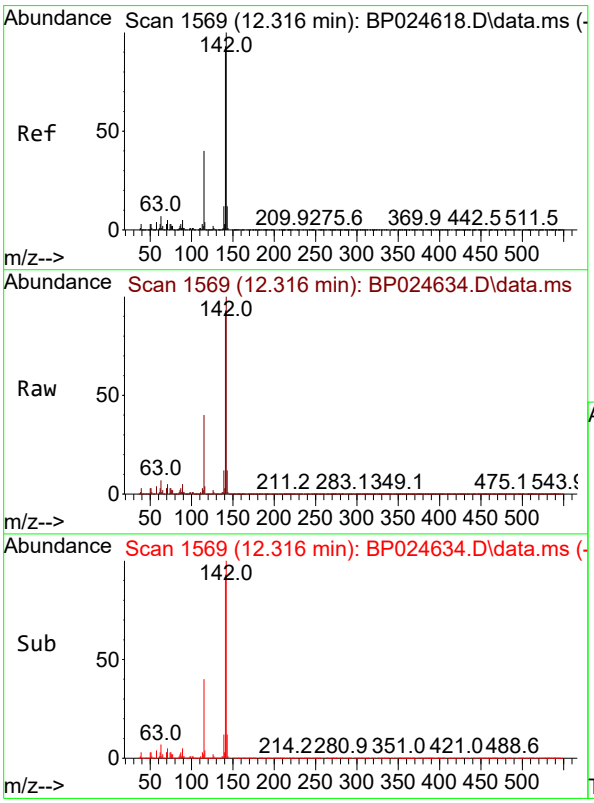
#37
2-Methylnaphthalene
Concen: 38.524 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 763297

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8
115	38.0	30.6	46.0

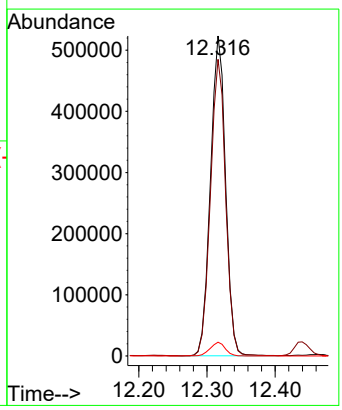


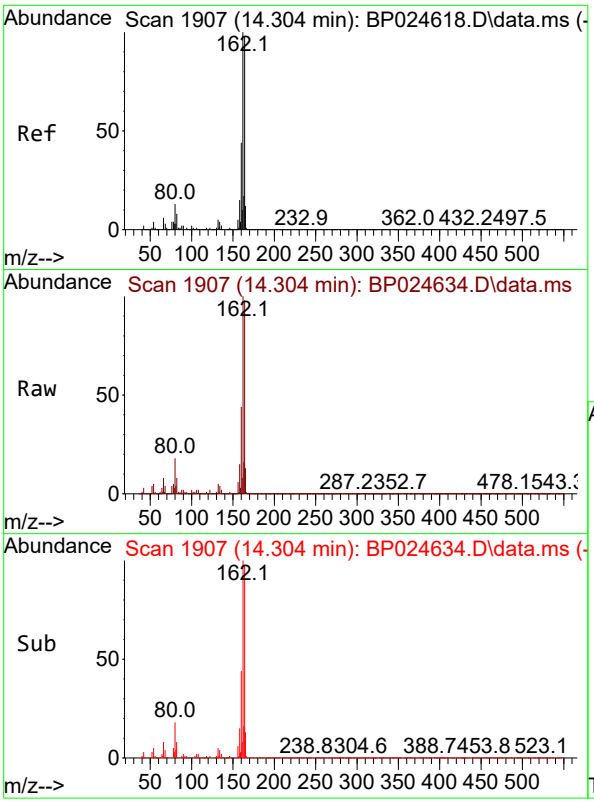


#38
1-Methylnaphthalene
Concen: 38.002 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:142 Resp: 805636

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.7	112.1
116	4.3	3.4	5.2



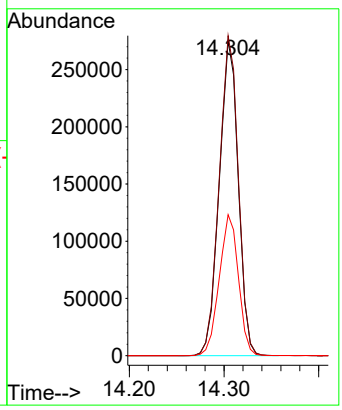


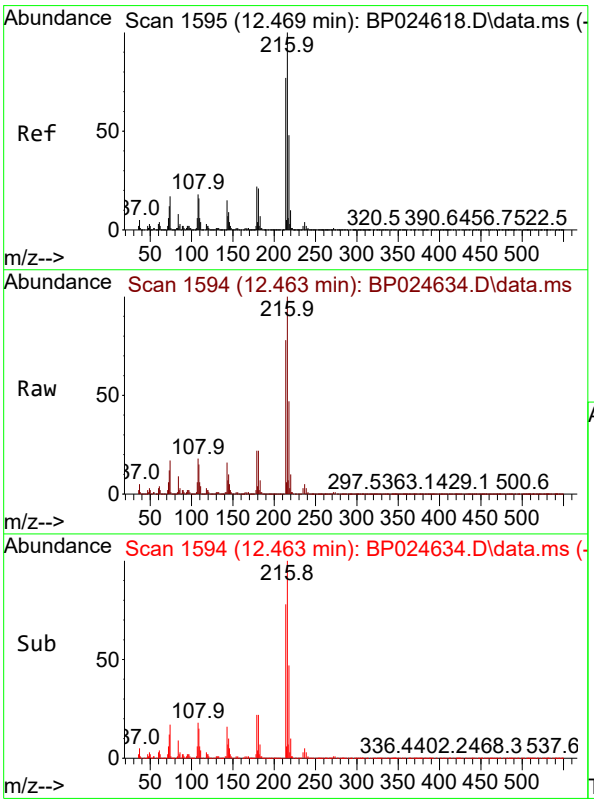
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 383835

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.8	122.6
160	44.8	36.3	54.5

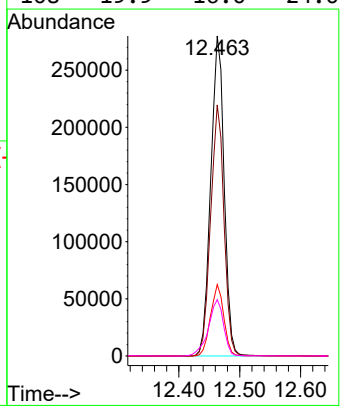


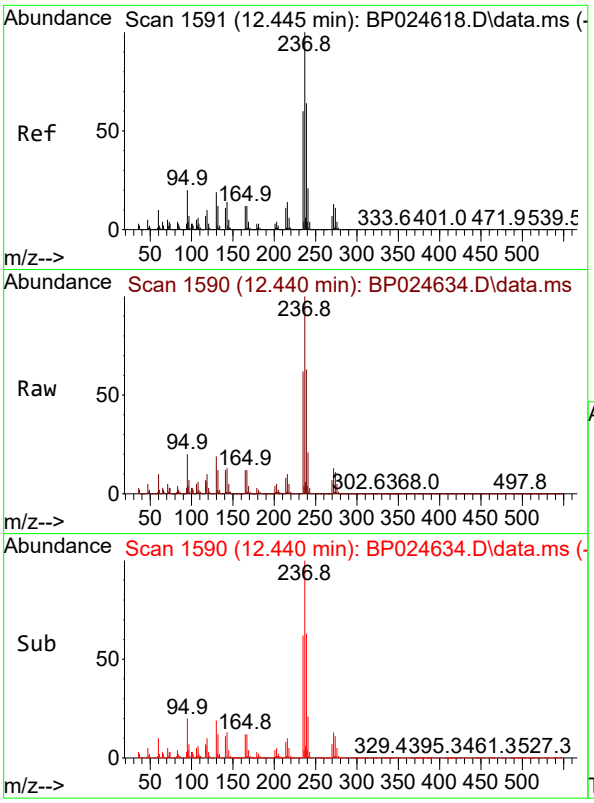


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.382 ng
RT: 12.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:216 Resp: 427810

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	22.1	17.7	26.5
108	19.9	16.0	24.0



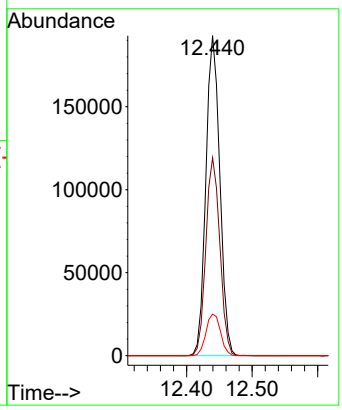


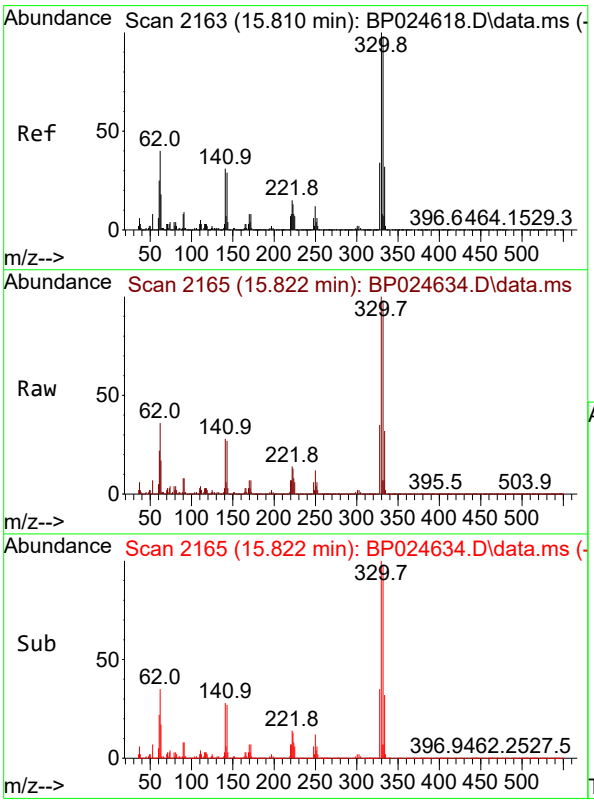
#41
Hexachlorocyclopentadiene
Concen: 42.213 ng
RT: 12.440 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 285304

Ion	Ratio	Lower	Upper
237	100		
235	61.8	39.9	79.9
272	13.0	0.0	33.2

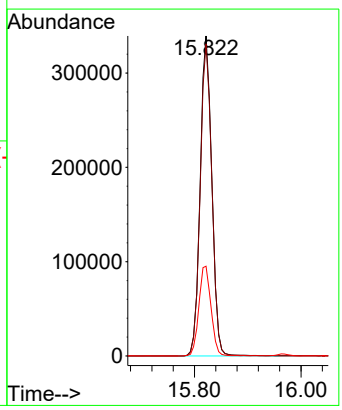


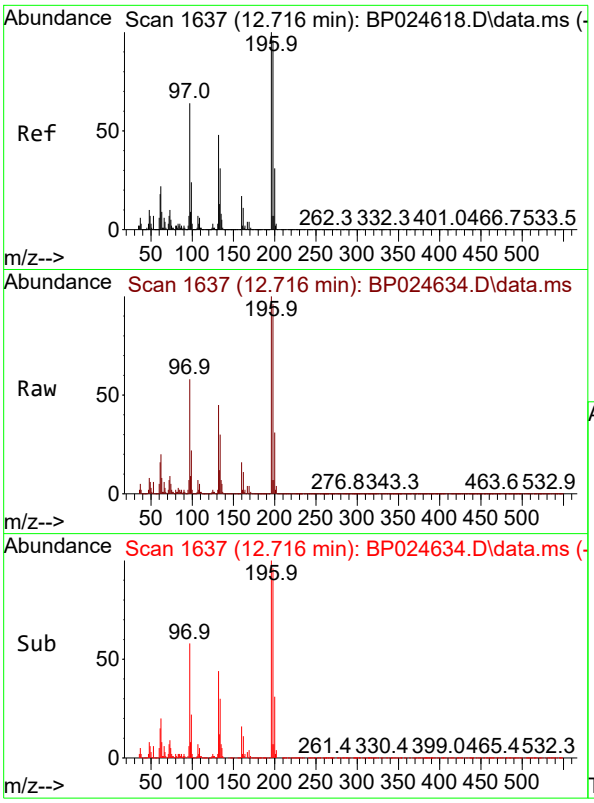


#42
2,4,6-Tribromophenol
Concen: 78.910 ng
RT: 15.822 min Scan# 2165
Delta R.T. 0.012 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:330 Resp: 513475

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.2	117.4
141	29.3	24.3	36.5



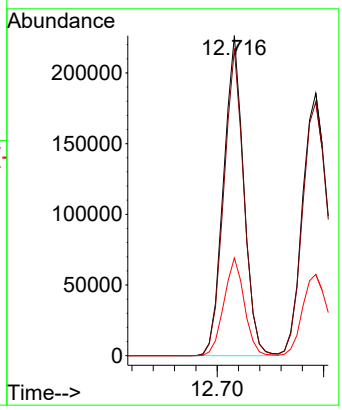


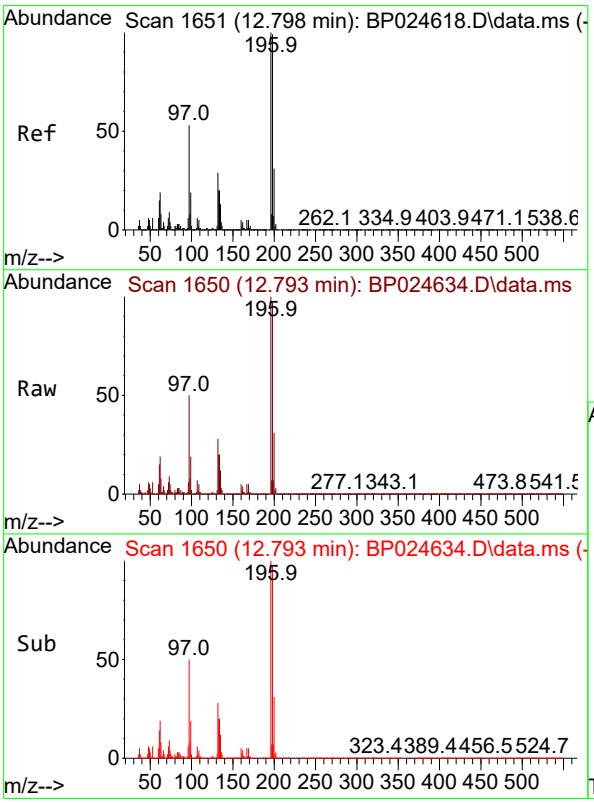
#43
2,4,6-Trichlorophenol
Concen: 41.226 ng
RT: 12.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 297629

Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.9	115.3
200	30.6	25.2	37.8

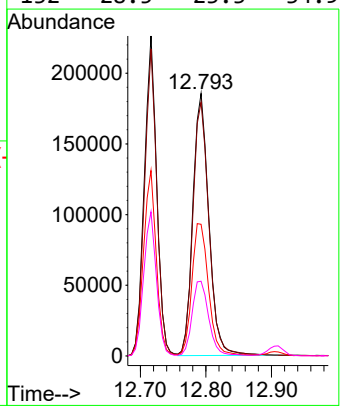


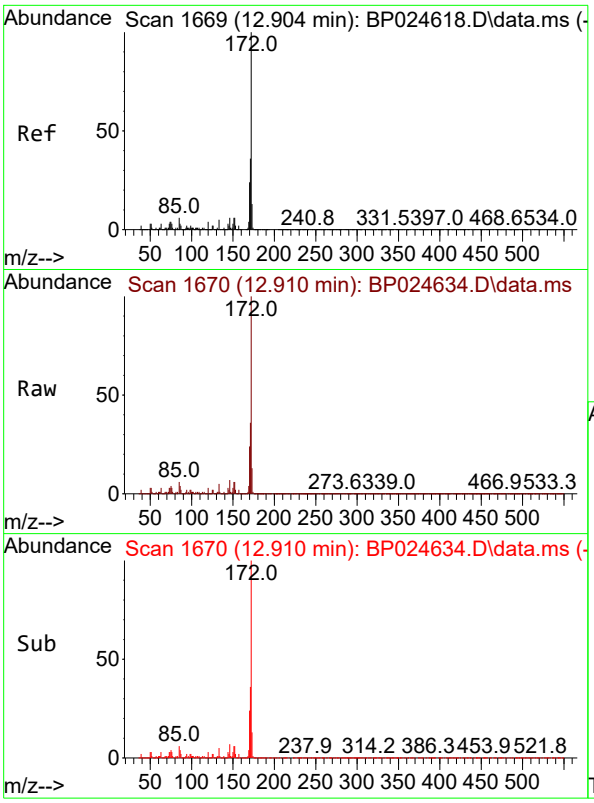


#44
2,4,5-Trichlorophenol
Concen: 39.313 ng
RT: 12.793 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:196 Resp: 315927

Ion	Ratio	Lower	Upper
196	100		
198	96.7	79.2	118.8
97	50.2	42.3	63.5
132	28.5	23.3	34.9



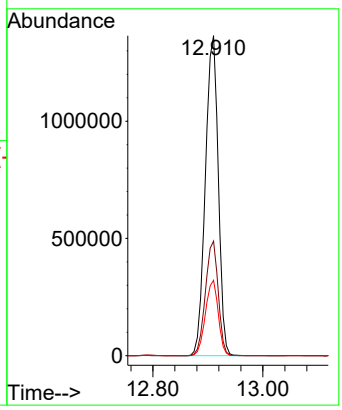


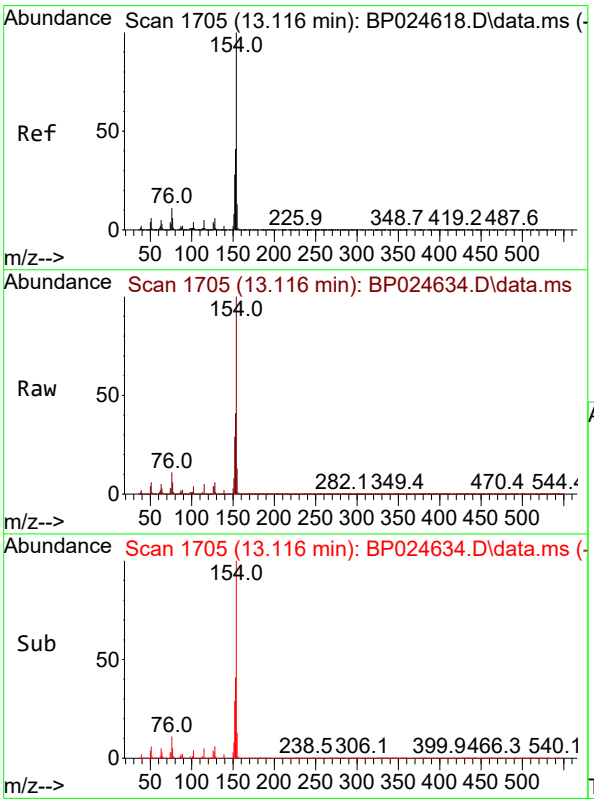
#45
2-Fluorobiphenyl
Concen: 75.785 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 2220308

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.6	18.8	28.2

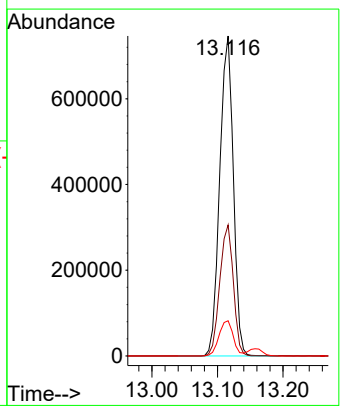


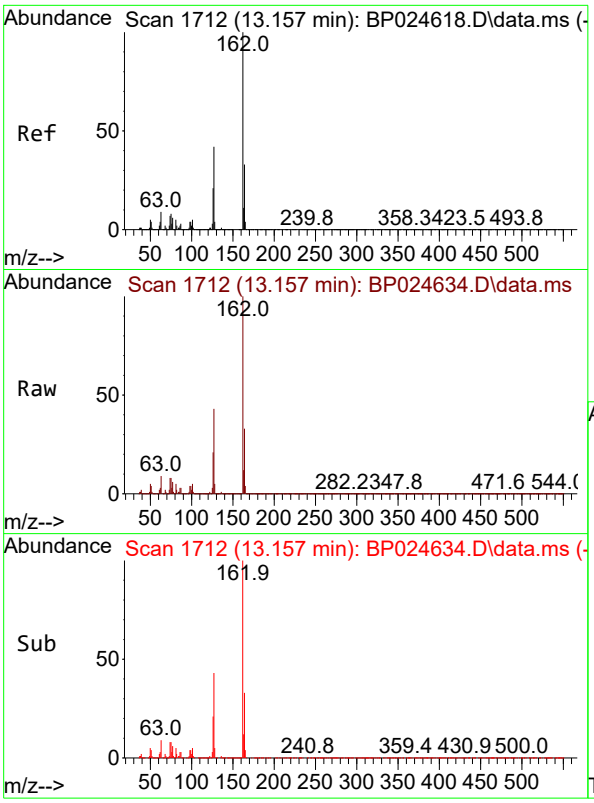


#46
1,1'-Biphenyl
Concen: 37.651 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:154 Resp: 1068131

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.0	61.0
76	11.0	0.0	31.5



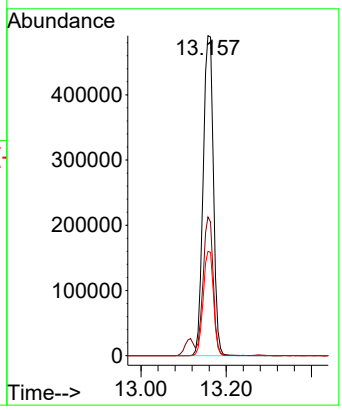


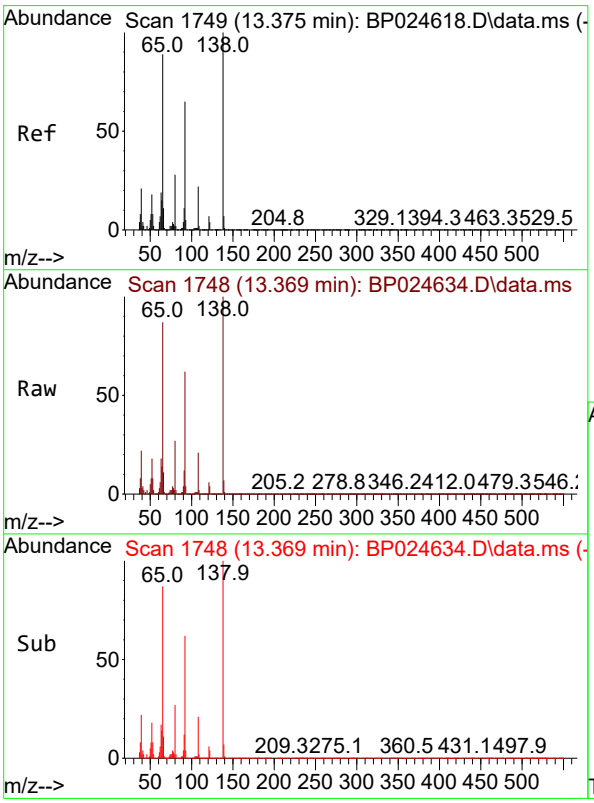
#47
2-Chloronaphthalene
Concen: 37.928 ng
RT: 13.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 820417

Ion	Ratio	Lower	Upper
162	100		
127	43.4	33.8	50.6
164	32.6	26.0	39.0

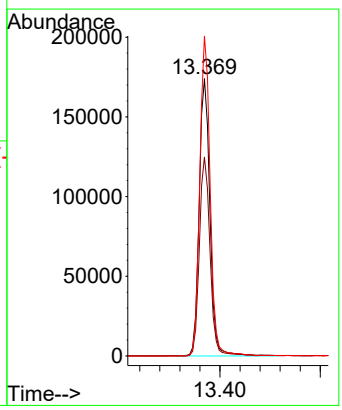


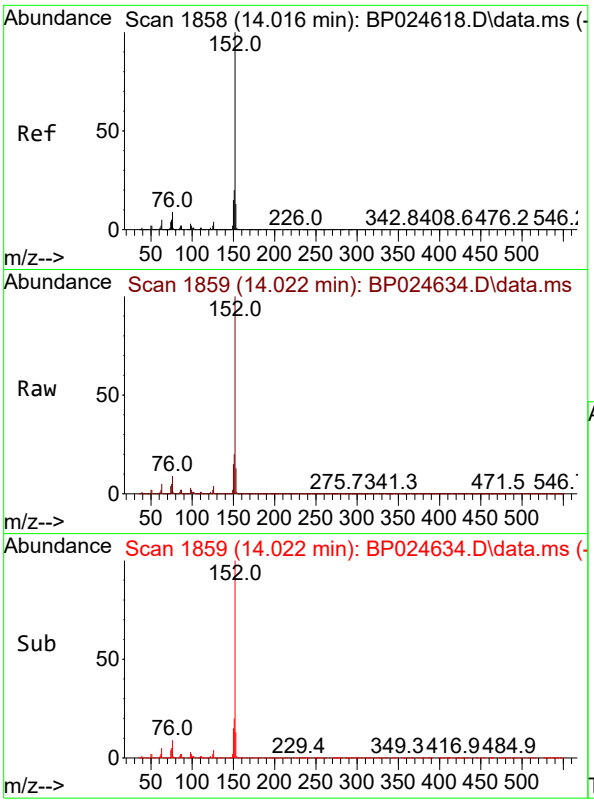


#48
2-Nitroaniline
Concen: 40.335 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion: 65 Resp: 258312

Ion	Ratio	Lower	Upper
65	100		
92	71.8	58.7	88.1
138	115.4	90.2	135.2



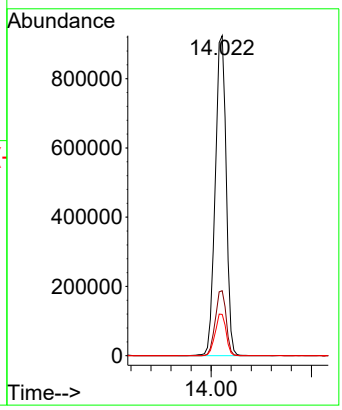


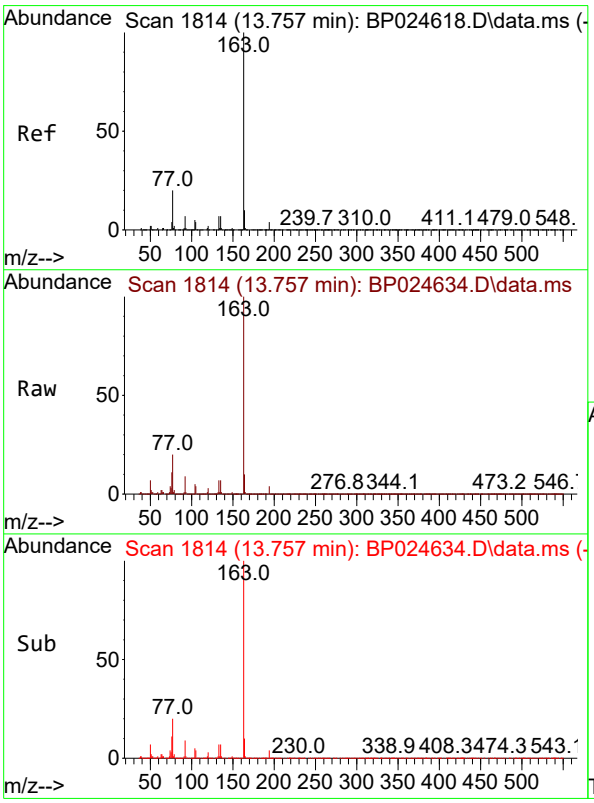
#49
Acenaphthylene
Concen: 38.405 ng
RT: 14.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1390232

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	12.9	10.2	15.4

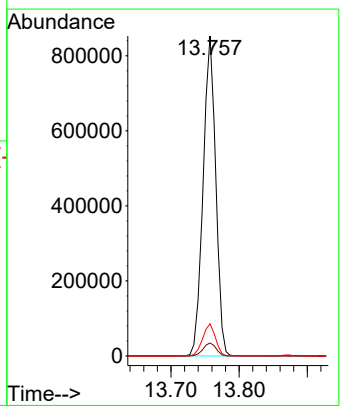


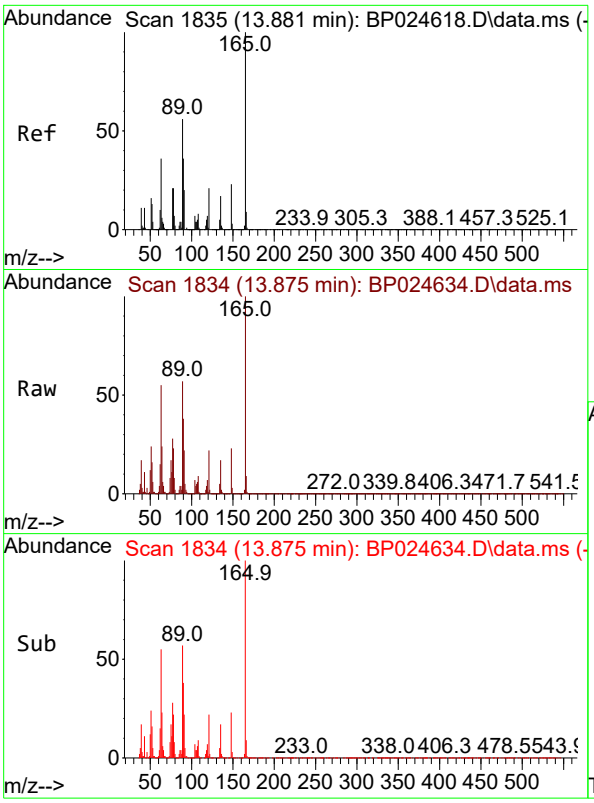


#50
Dimethylphthalate
Concen: 37.592 ng
RT: 13.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:163 Resp: 1099800

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	8.1	12.1



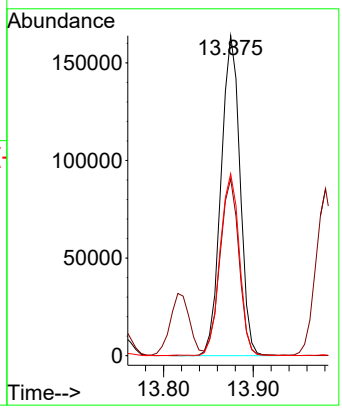


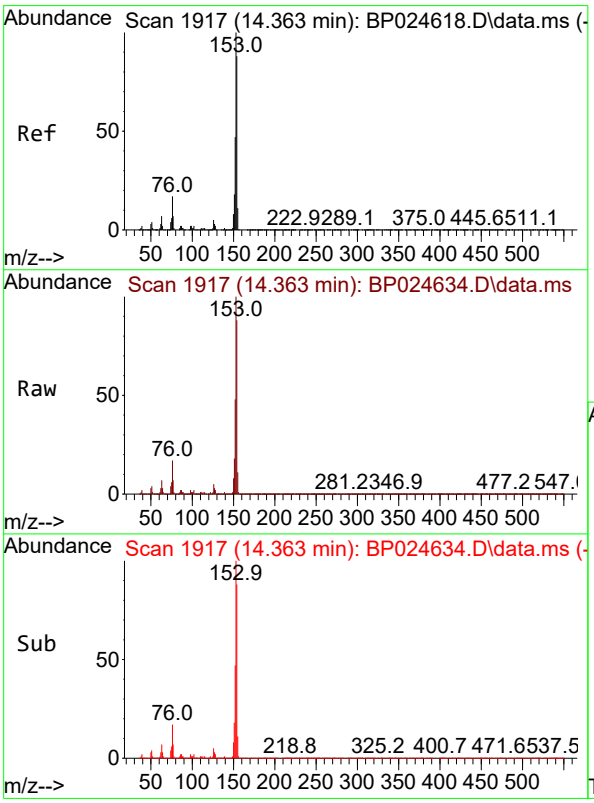
#51
2,6-Dinitrotoluene
Concen: 38.913 ng
RT: 13.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 240434

Ion	Ratio	Lower	Upper
165	100		
63	55.3	42.4	63.6
89	56.9	44.8	67.2

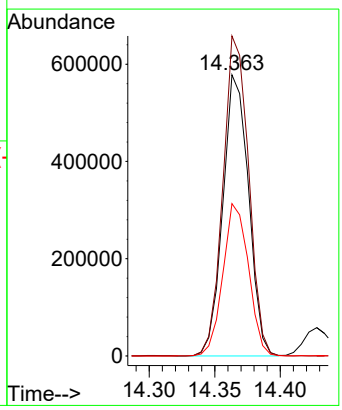


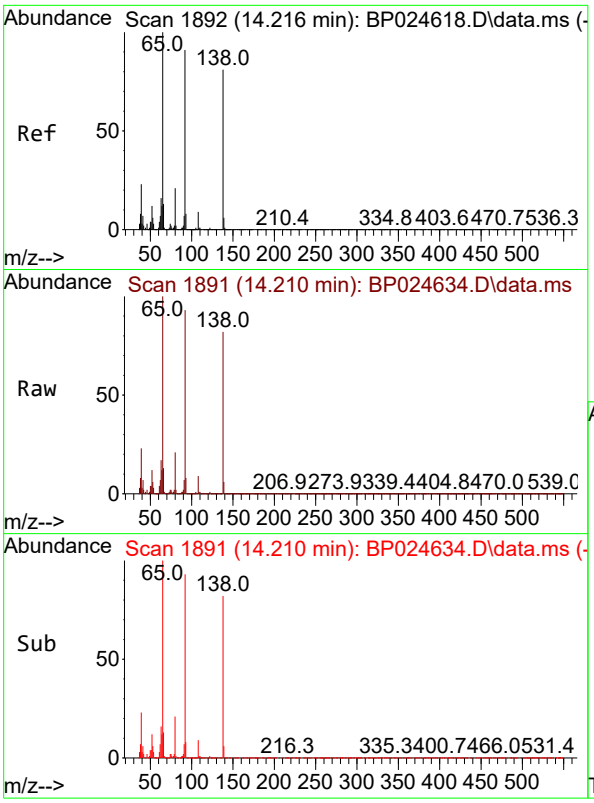


#52
Acenaphthene
Concen: 37.838 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:154 Resp: 787414

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.0	136.4
152	54.2	42.9	64.3



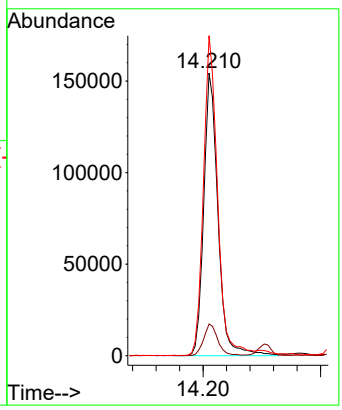


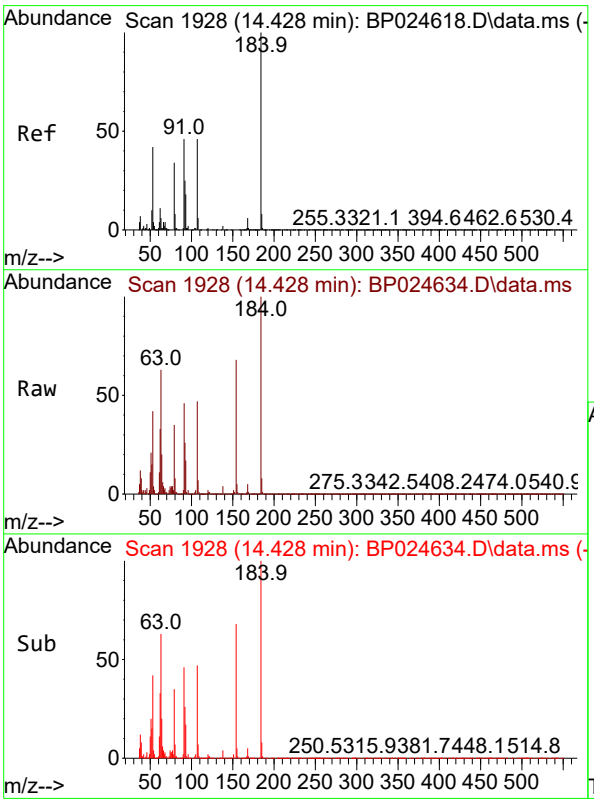
#53
3-Nitroaniline
Concen: 41.006 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 258701

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.4
92	113.2	90.1	135.1

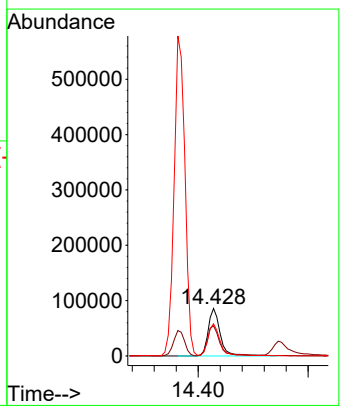


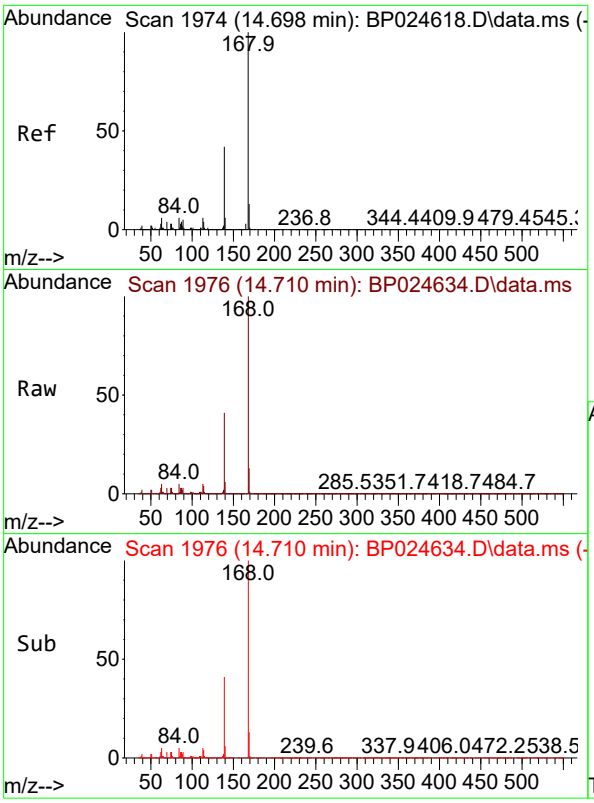


#54
2,4-Dinitrophenol
Concen: 37.204 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:184 Resp: 130453

Ion	Ratio	Lower	Upper
184	100		
63	63.3	51.3	76.9
154	67.8	53.5	80.3



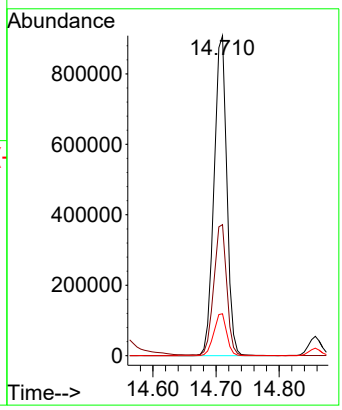


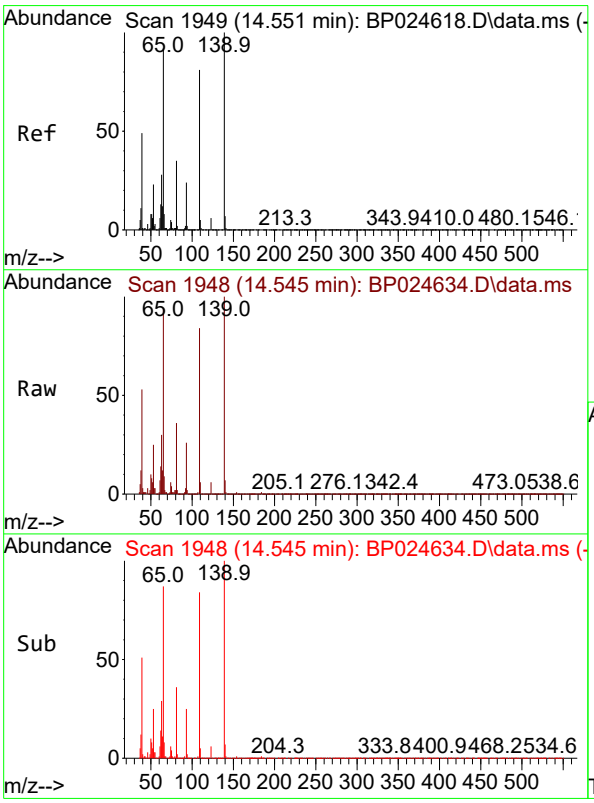
#55
Dibenzofuran
Concen: 38.367 ng
RT: 14.710 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1273526

Ion	Ratio	Lower	Upper
168	100		
139	41.0	34.2	51.4
169	13.1	10.8	16.2

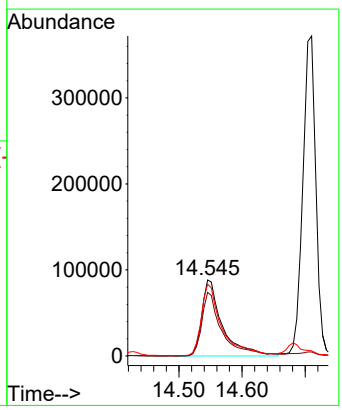


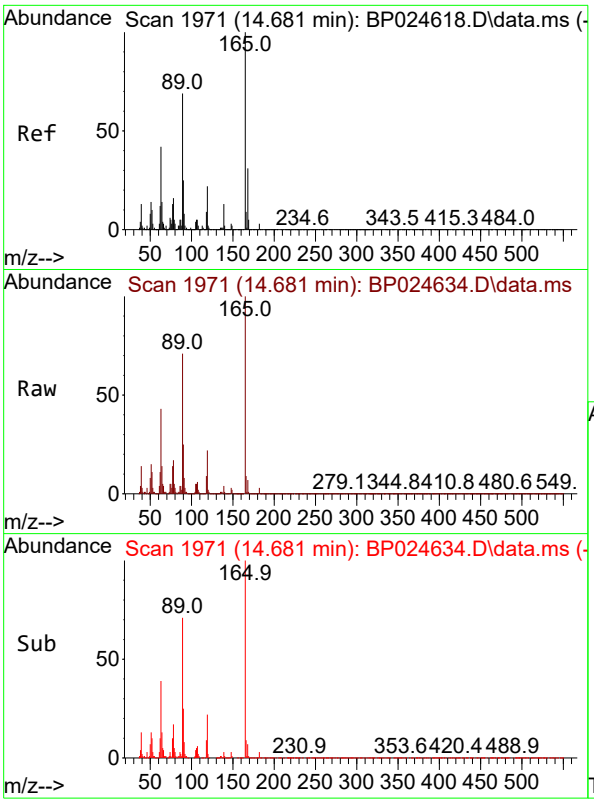


#56
4-Nitrophenol
Concen: 38.819 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:139 Resp: 199455

Ion	Ratio	Lower	Upper
139	100		
109	83.6	61.4	101.4
65	94.4	72.2	112.2



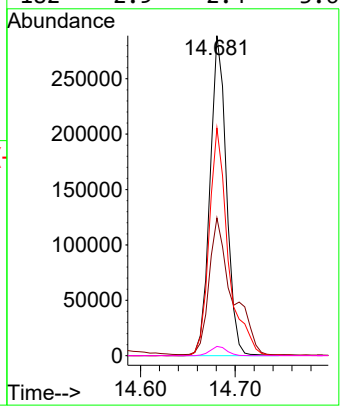


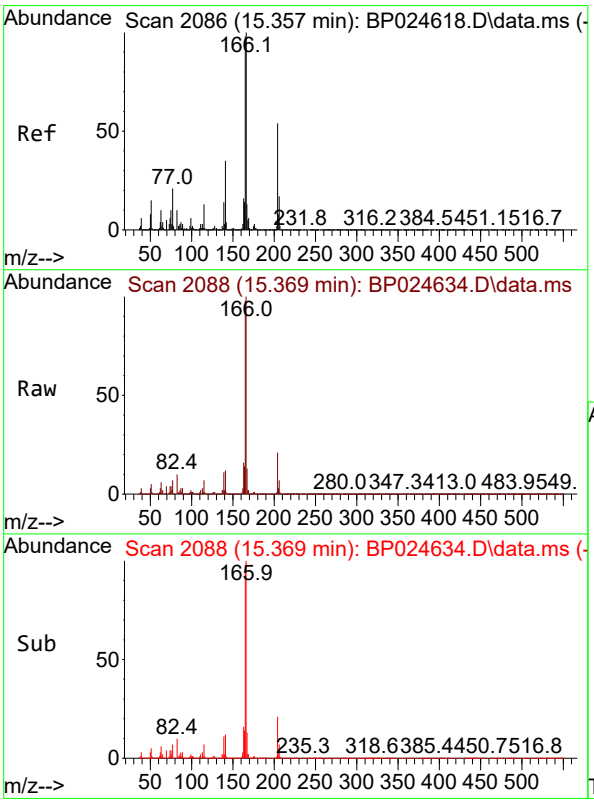
#57
2,4-Dinitrotoluene
Concen: 39.924 ng
RT: 14.681 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 347771

Ion	Ratio	Lower	Upper
165	100		
63	43.0	33.8	50.6
89	71.2	55.6	83.4
182	2.9	2.4	3.6

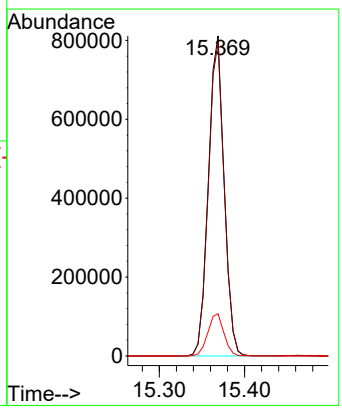


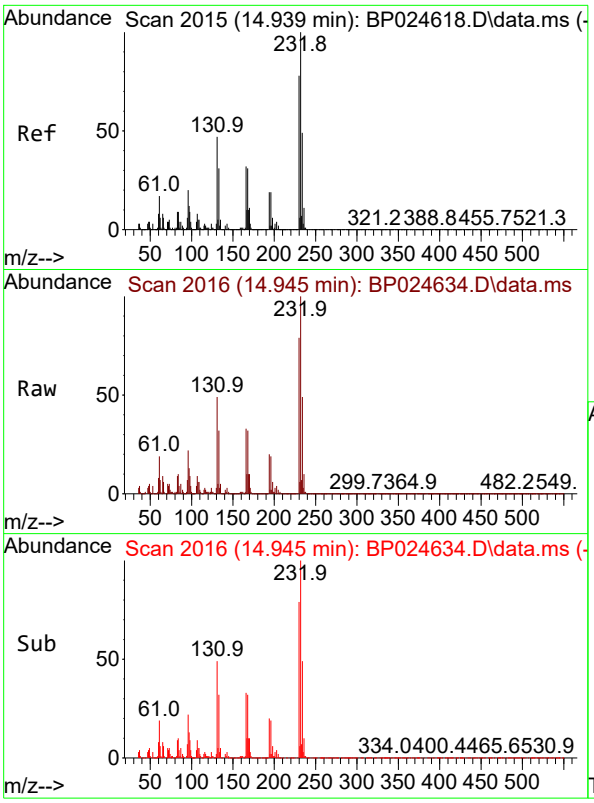


#58
Fluorene
Concen: 38.456 ng
RT: 15.369 min Scan# 2088
Delta R.T. 0.012 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:166 Resp: 1040858

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.5	117.7
167	13.2	10.7	16.1



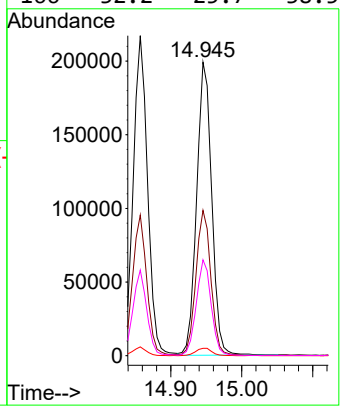


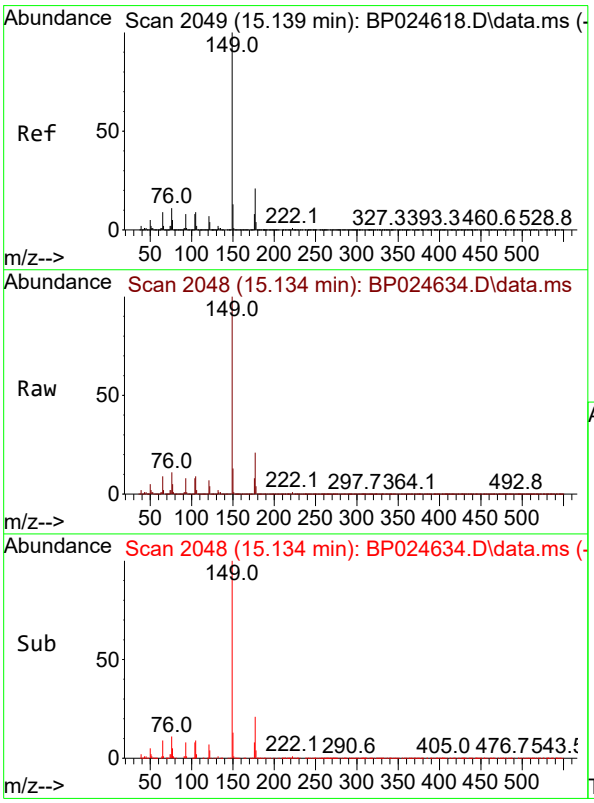
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.477 ng
RT: 14.945 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 294291

Ion	Ratio	Lower	Upper
232	100		
131	48.9	39.5	59.3
130	2.8	2.2	3.4
166	32.2	25.7	38.5

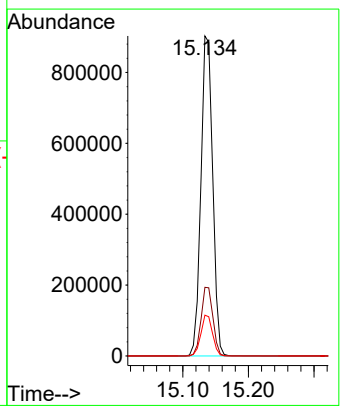


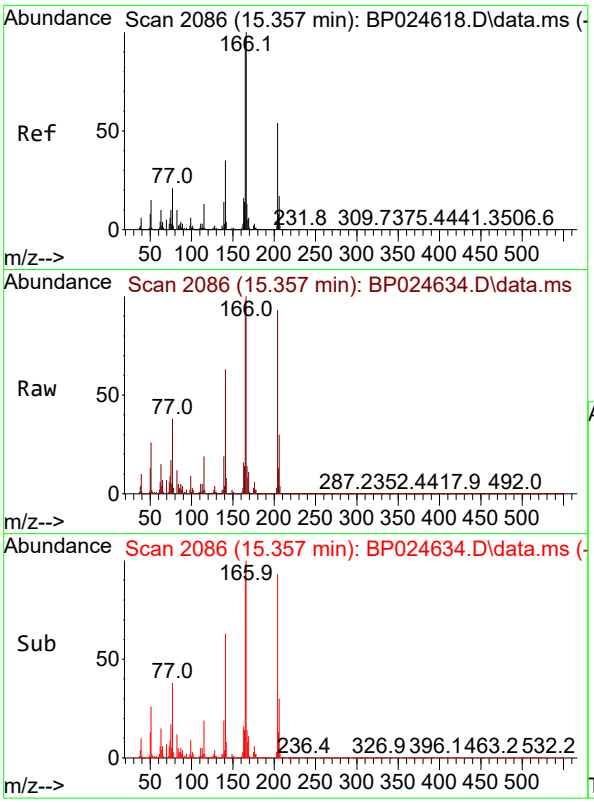


#60
Diethylphthalate
Concen: 38.341 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:149 Resp: 1133709

Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.7	10.2	15.2



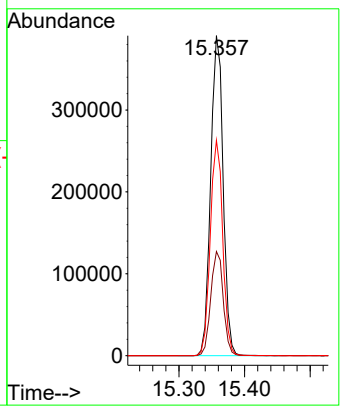


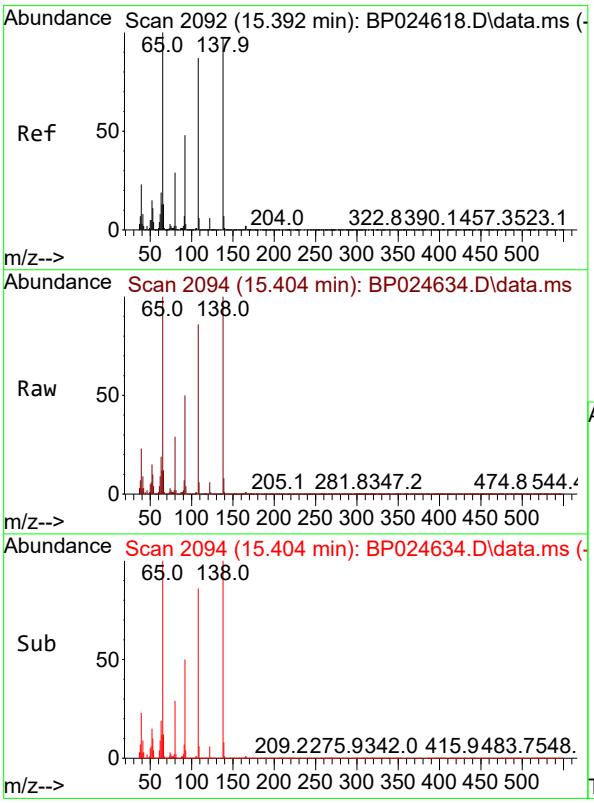
#61
4-Chlorophenyl-phenylether
Concen: 38.222 ng
RT: 15.357 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 515911

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.0	39.0
141	67.3	52.9	79.3

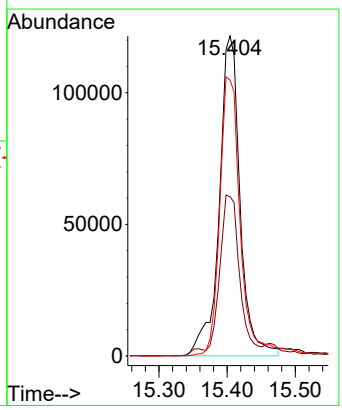


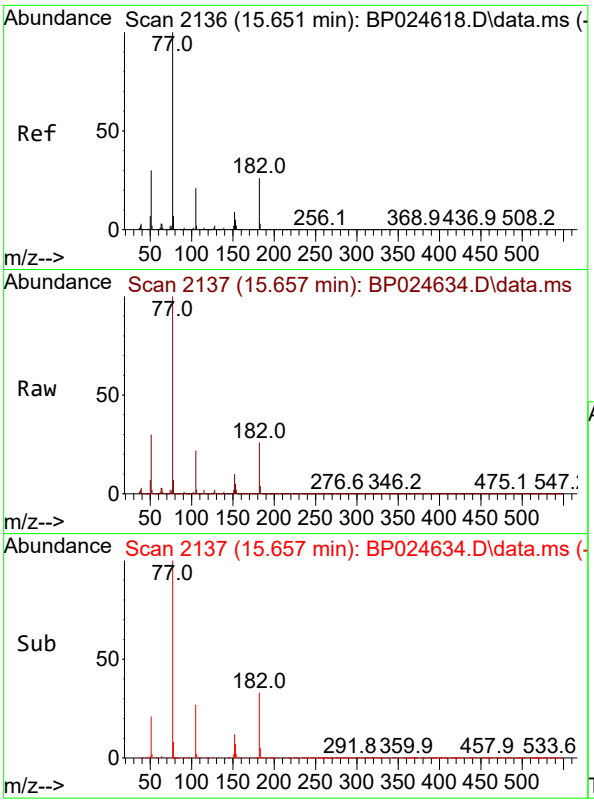


#62
4-Nitroaniline
Concen: 42.533 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:138 Resp: 259097

Ion	Ratio	Lower	Upper
138	100		
92	49.8	29.2	69.2
108	86.2	69.0	109.0



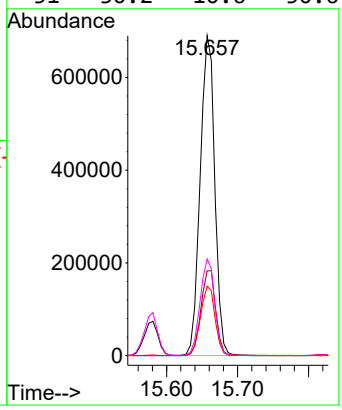


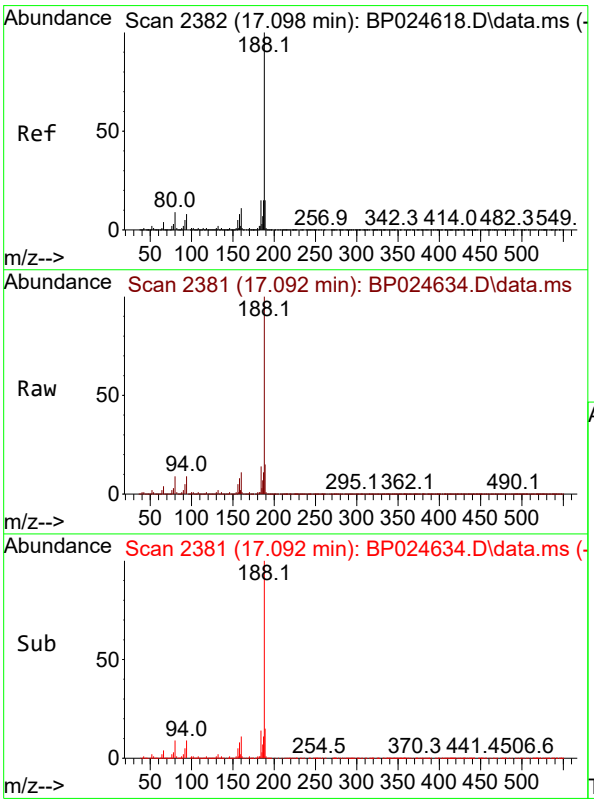
#63
Azobenzene
Concen: 38.912 ng
RT: 15.657 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 984323

Ion	Ratio	Lower	Upper
77	100		
182	26.5	5.7	45.7
105	21.7	1.3	41.3
51	30.2	10.6	50.6

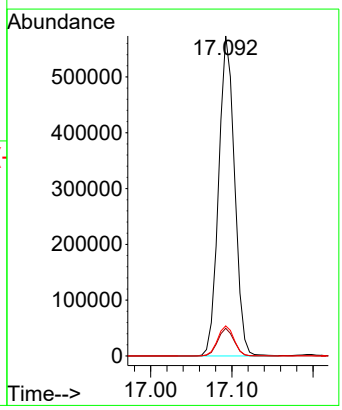


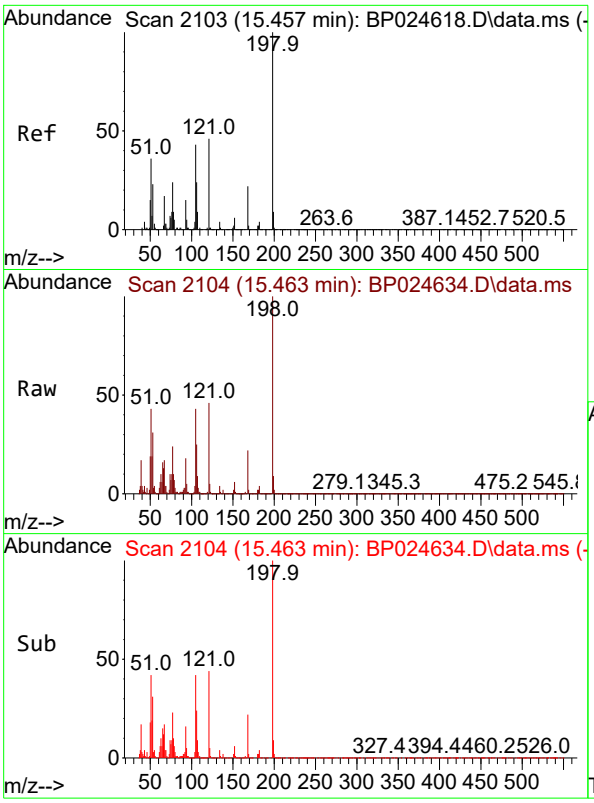


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:188 Resp: 784999

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.5	9.7
80	9.4	7.3	10.9



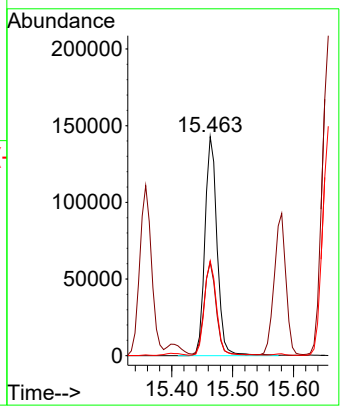


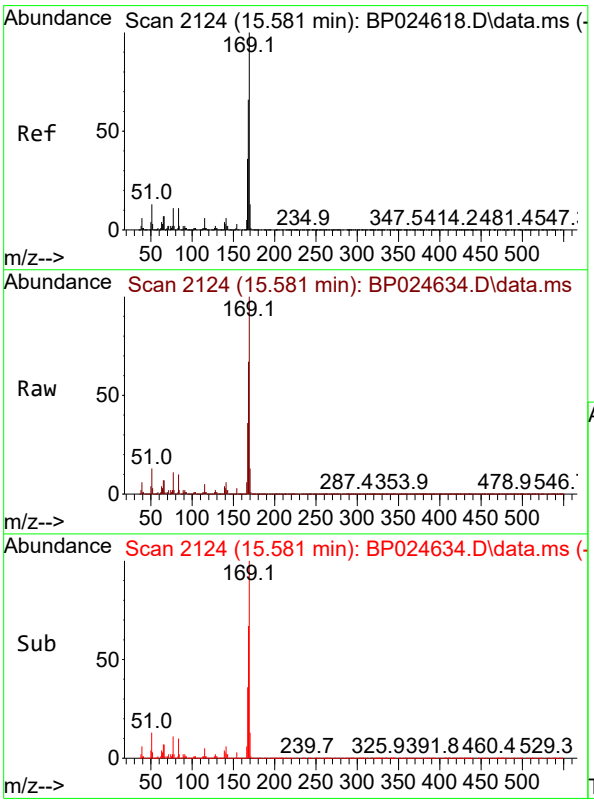
#65
4,6-Dinitro-2-methylphenol
Concen: 39.144 ng
RT: 15.463 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 198484

Ion	Ratio	Lower	Upper
198	100		
51	42.6	21.1	61.1
105	43.3	23.6	63.6

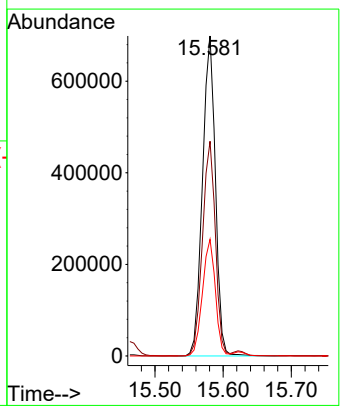


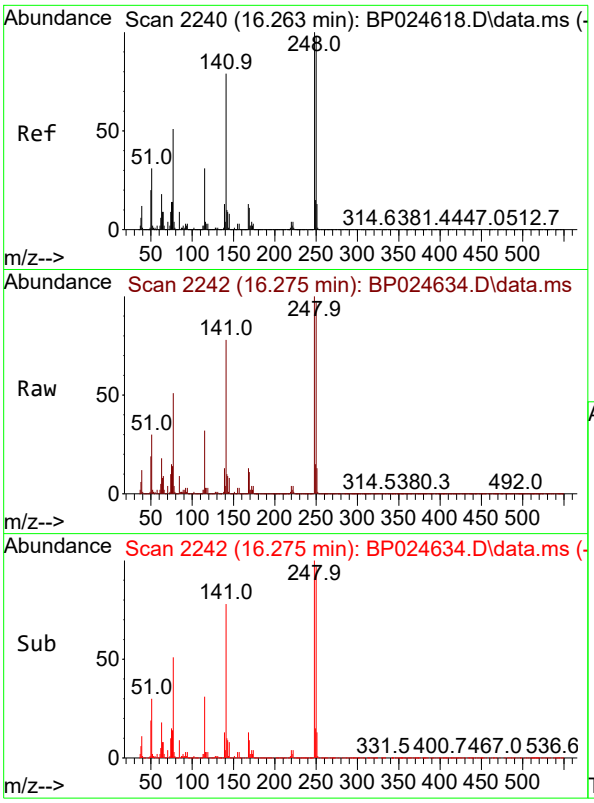


#66
n-Nitrosodiphenylamine
Concen: 38.269 ng
RT: 15.581 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:169 Resp: 922739

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.2	79.8
167	36.4	28.6	43.0



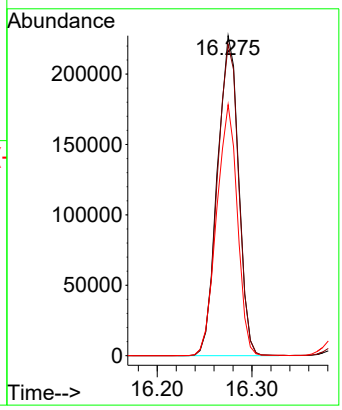


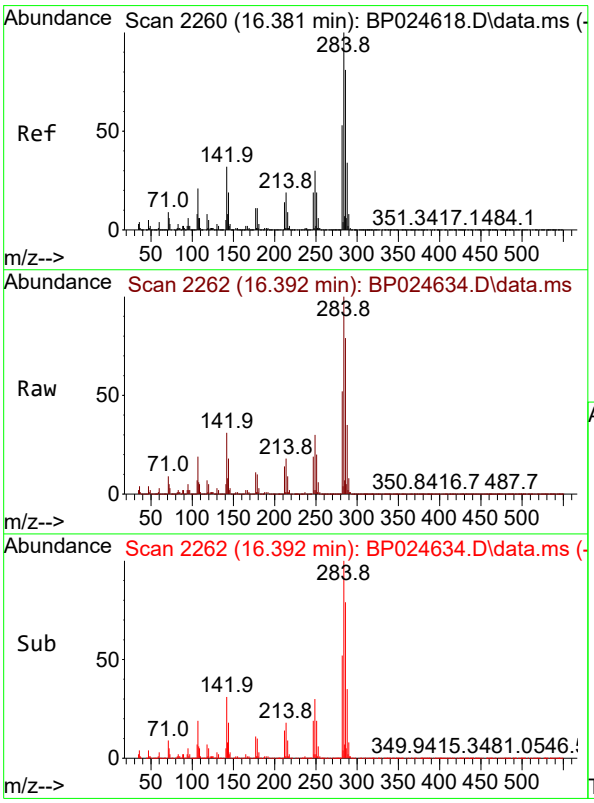
#67
4-Bromophenyl-phenylether
Concen: 38.112 ng
RT: 16.275 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 352534

Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.2	117.4
141	78.4	63.0	94.6

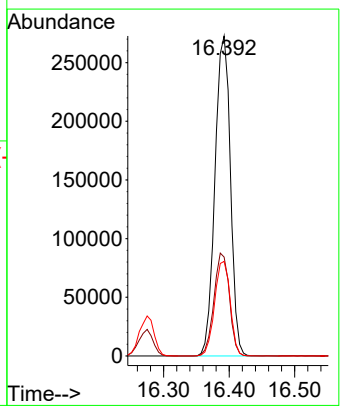


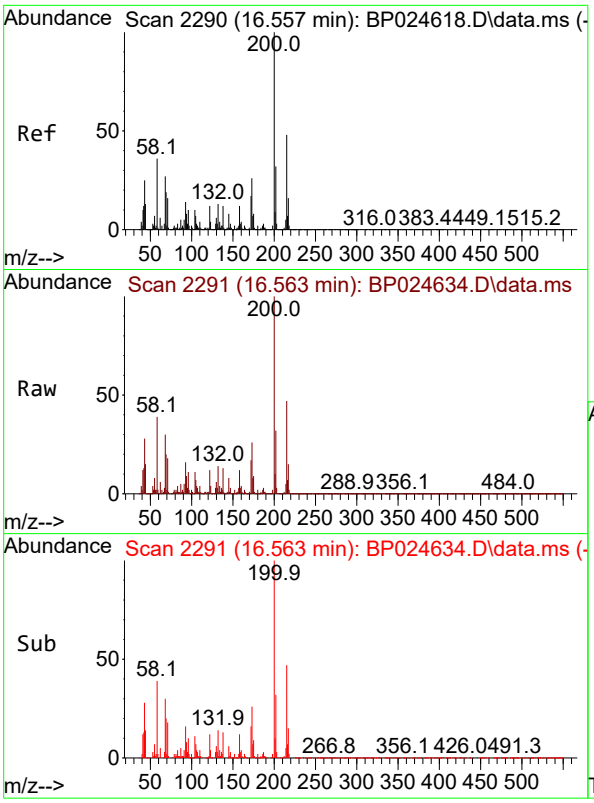


#68
Hexachlorobenzene
Concen: 37.783 ng
RT: 16.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:284 Resp: 444096

Ion	Ratio	Lower	Upper
284	100		
142	30.9	25.9	38.9
249	29.5	24.1	36.1



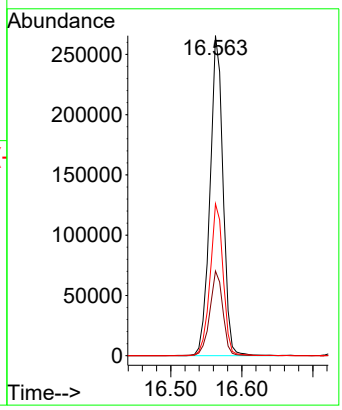


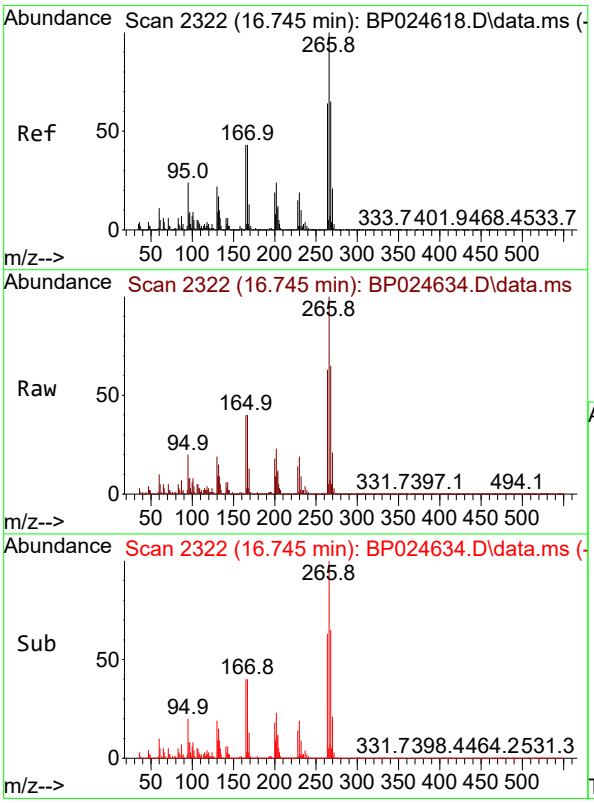
#69
Atrazine
Concen: 38.309 ng
RT: 16.563 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 338512

Ion	Ratio	Lower	Upper
200	100		
173	26.5	5.9	45.9
215	47.4	28.3	68.3

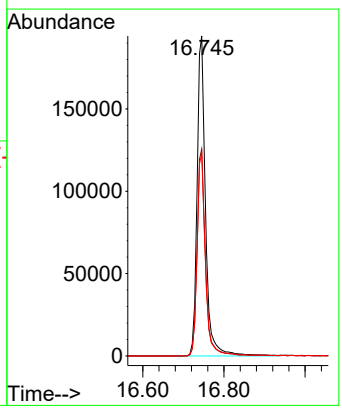


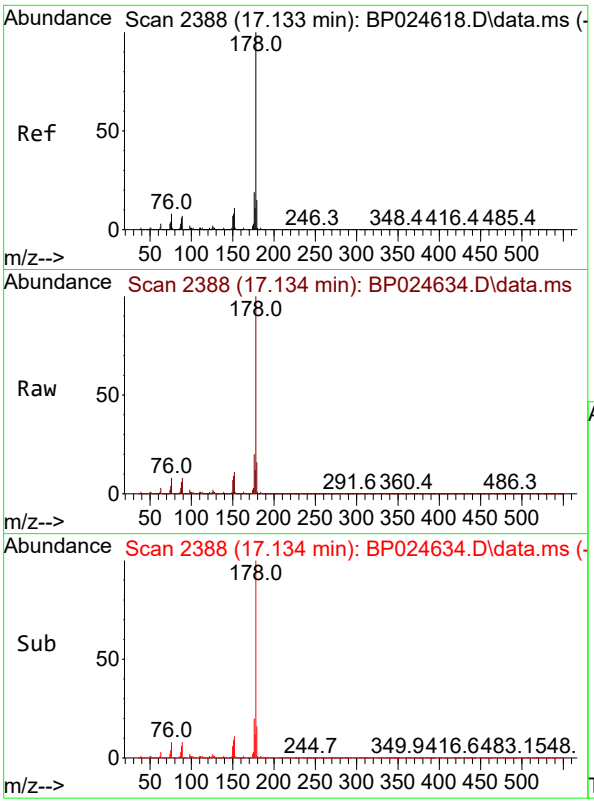


#70
Pentachlorophenol
Concen: 42.824 ng
RT: 16.745 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:266 Resp: 282553

Ion	Ratio	Lower	Upper
266	100		
268	64.6	52.2	78.4
264	63.4	51.1	76.7



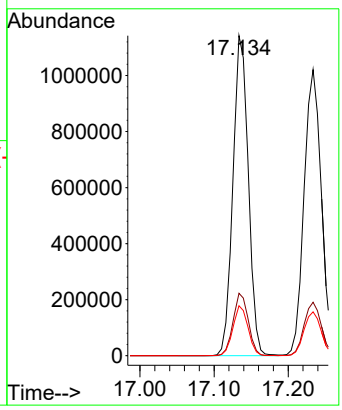


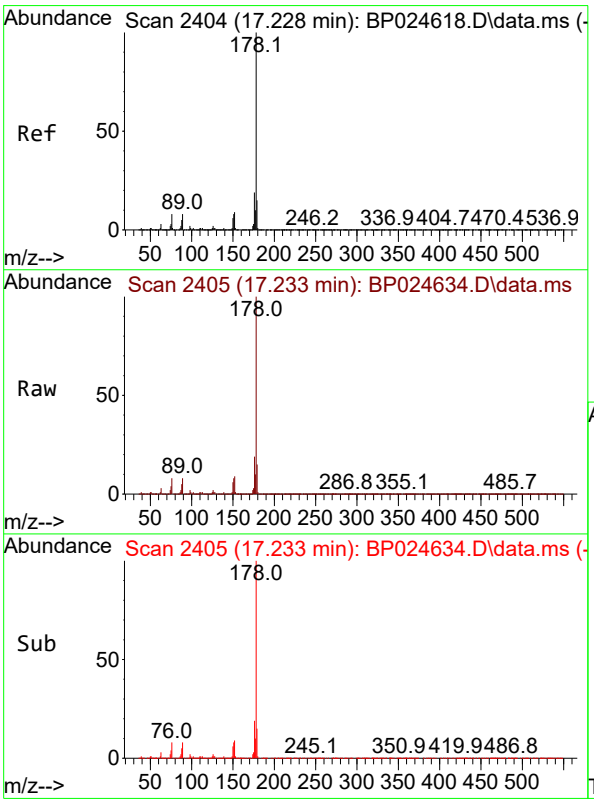
#71
Phenanthrene
Concen: 37.740 ng
RT: 17.134 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1646955

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.6	12.2	18.4

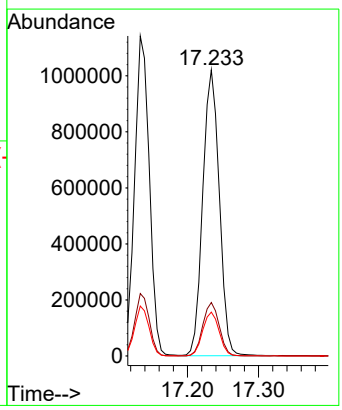


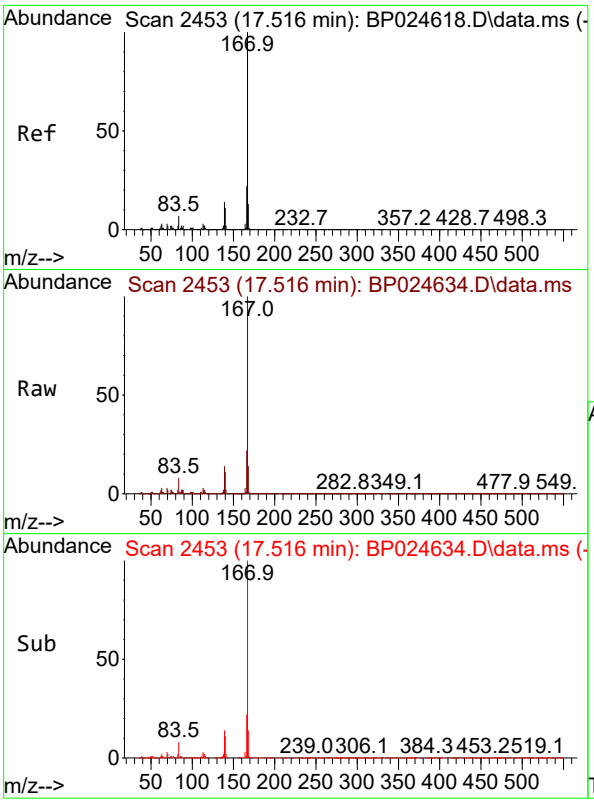


#72
Anthracene
Concen: 37.640 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:178 Resp: 1652621

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.4	12.2	18.2



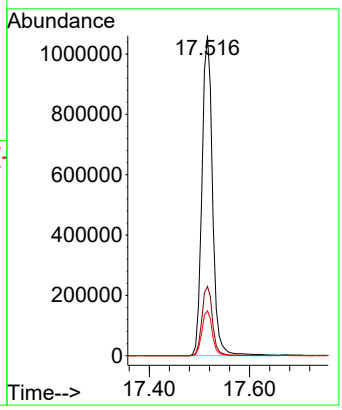


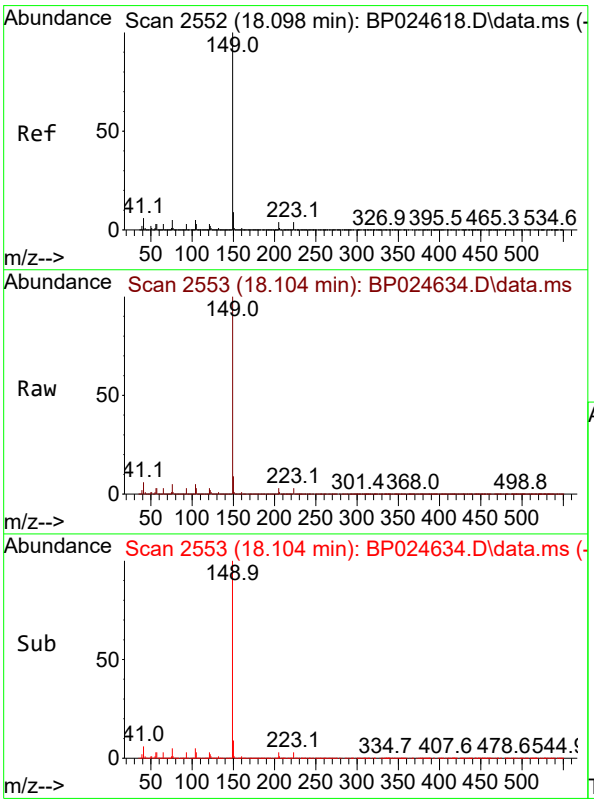
#73
Carbazole
Concen: 39.163 ng
RT: 17.516 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 1556303

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	14.0	11.3	16.9

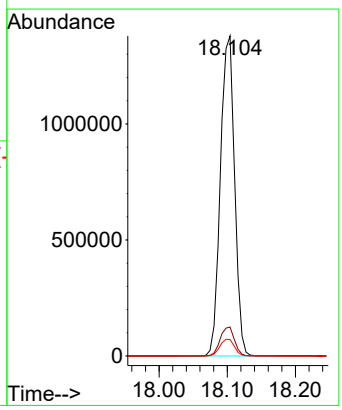


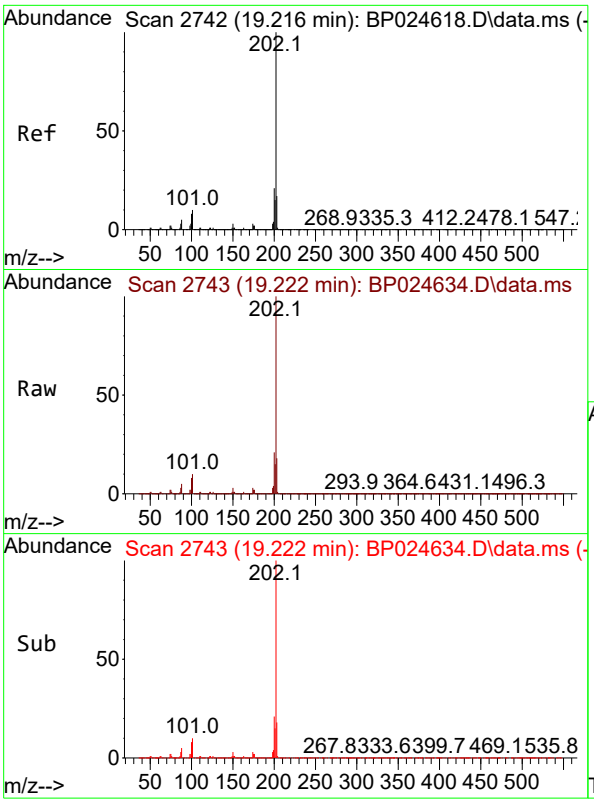


#74
Di-n-butylphthalate
Concen: 39.073 ng
RT: 18.104 min Scan# 2553
Delta R.T. 0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:149 Resp: 1996950

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.1	4.3	6.5



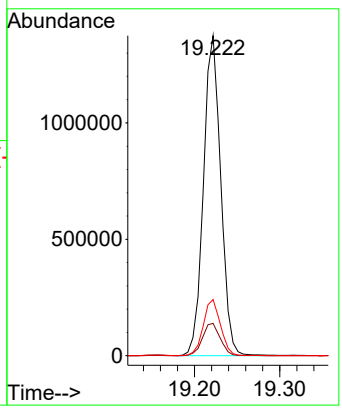


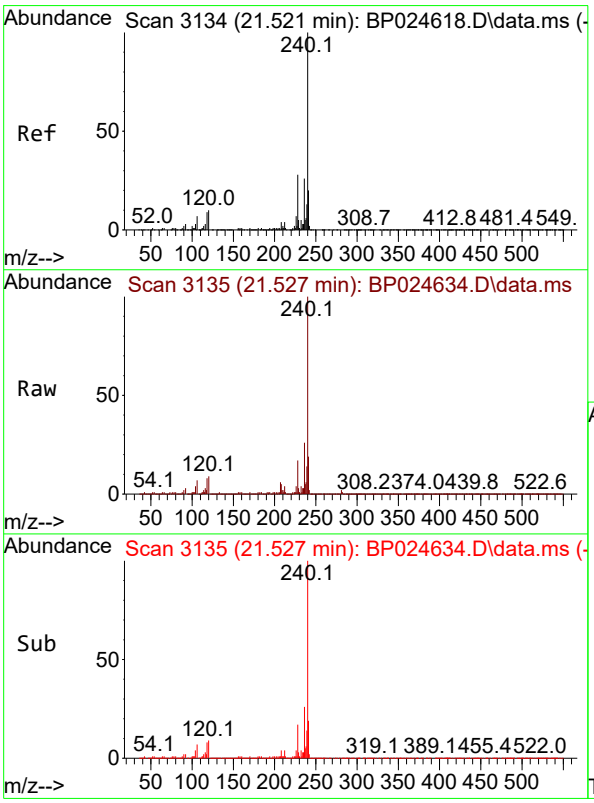
#75
Fluoranthene
Concen: 37.994 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1938125

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.3
203	17.5	0.0	37.5

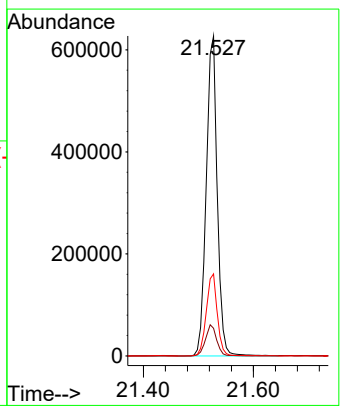


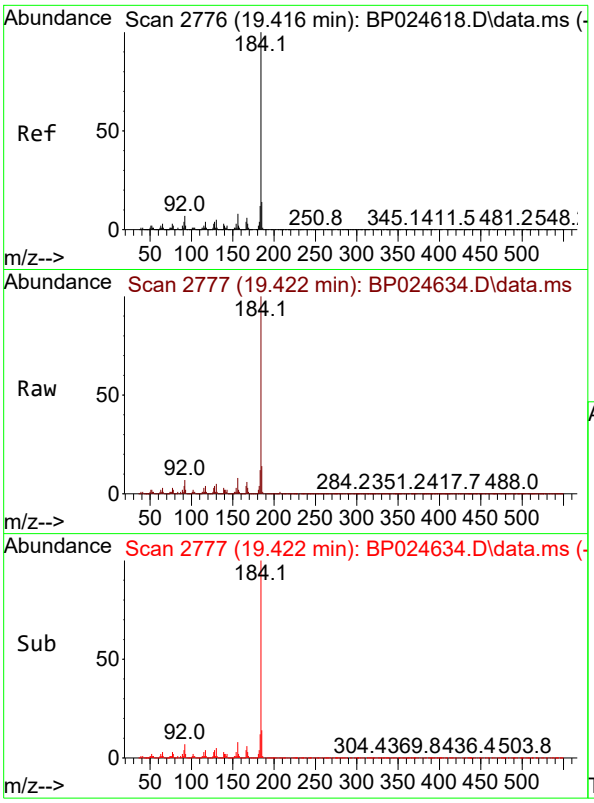


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:240 Resp: 868702

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.8	11.6
236	25.6	20.6	31.0



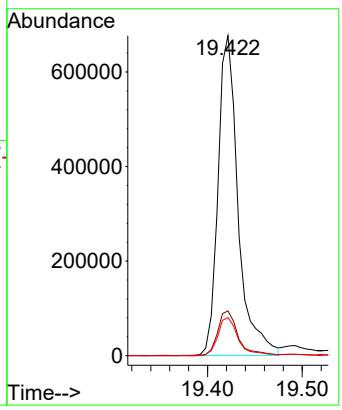


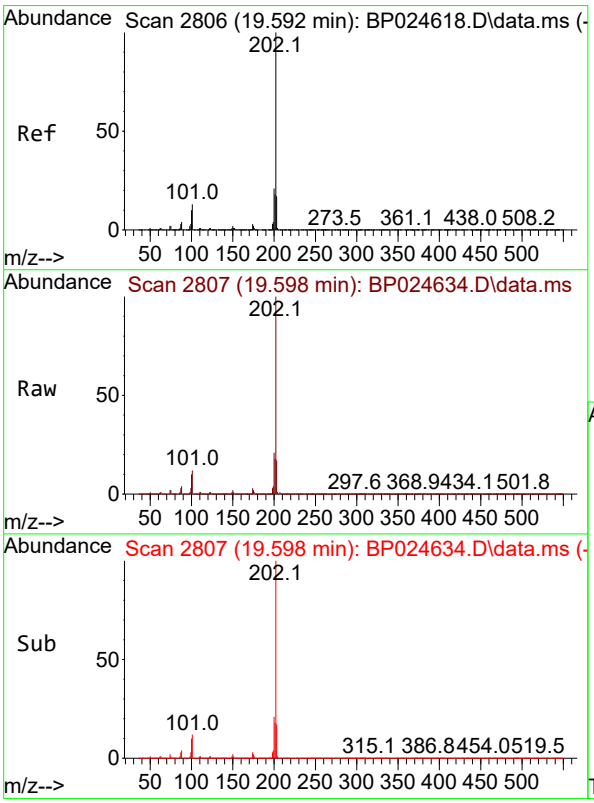
#77
Benzidine
Concen: 42.277 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1000272

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.2	16.8
183	11.9	9.8	14.8

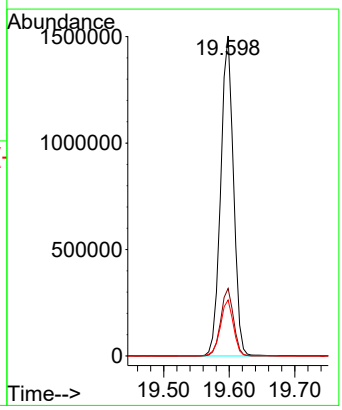


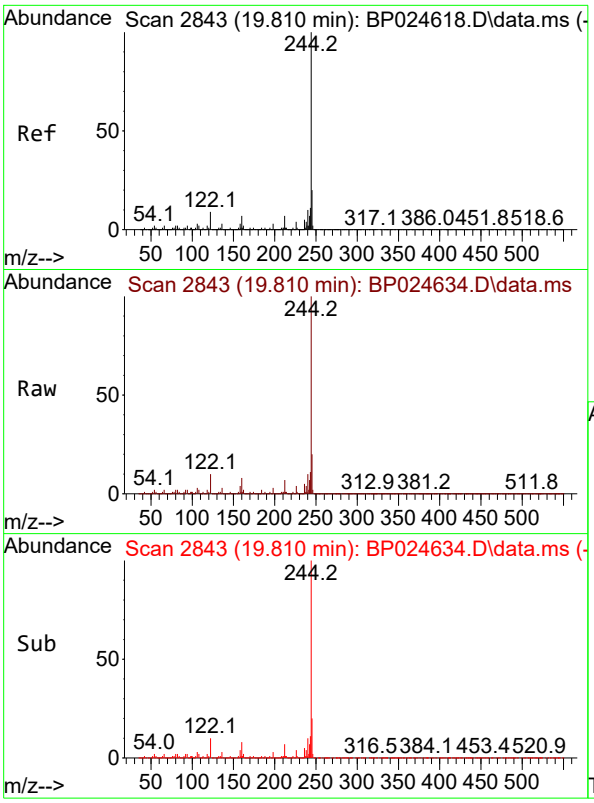


#78
Pyrene
Concen: 38.892 ng
RT: 19.598 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:202 Resp: 2024361

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.5	13.9	20.9



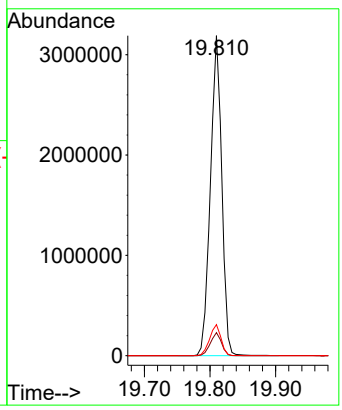


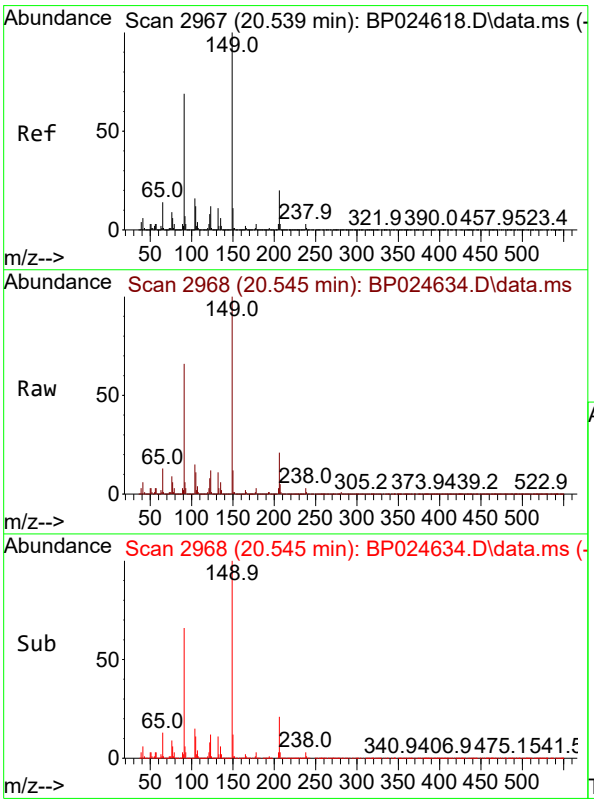
#79
Terphenyl-d14
Concen: 75.758 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 3838058

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	9.7	7.4	11.0

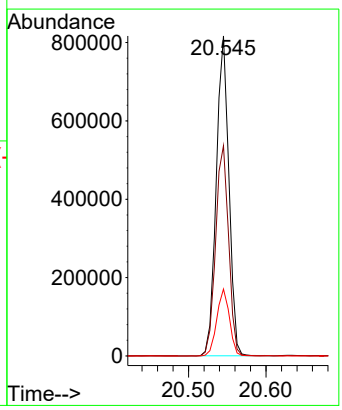


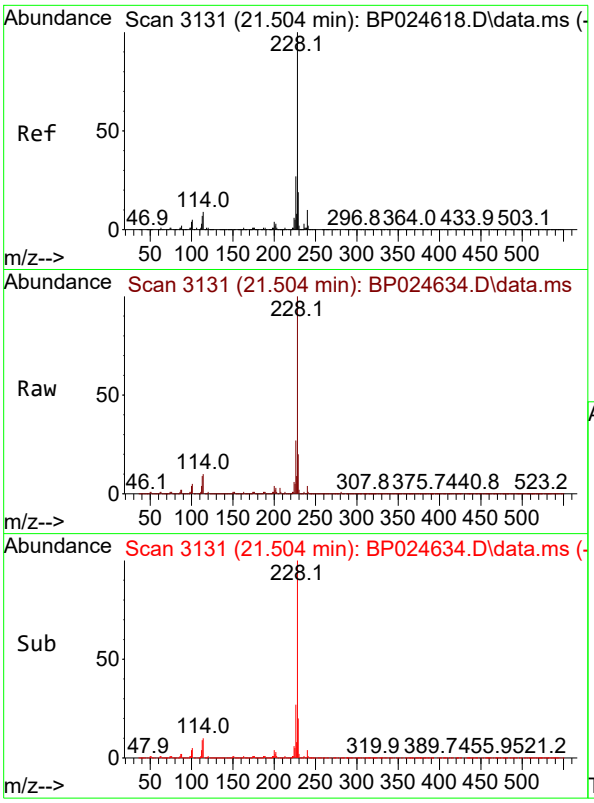


#80
Butylbenzylphthalate
Concen: 39.878 ng
RT: 20.545 min Scan# 2968
Delta R.T. 0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:149 Resp: 923140

Ion	Ratio	Lower	Upper
149	100		
91	65.7	55.4	83.0
206	20.9	16.2	24.2



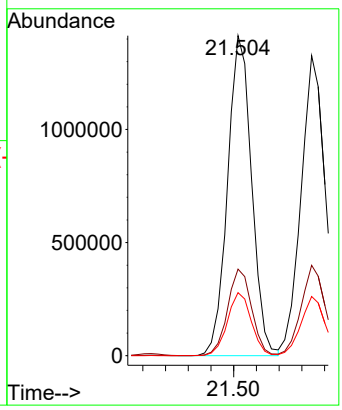


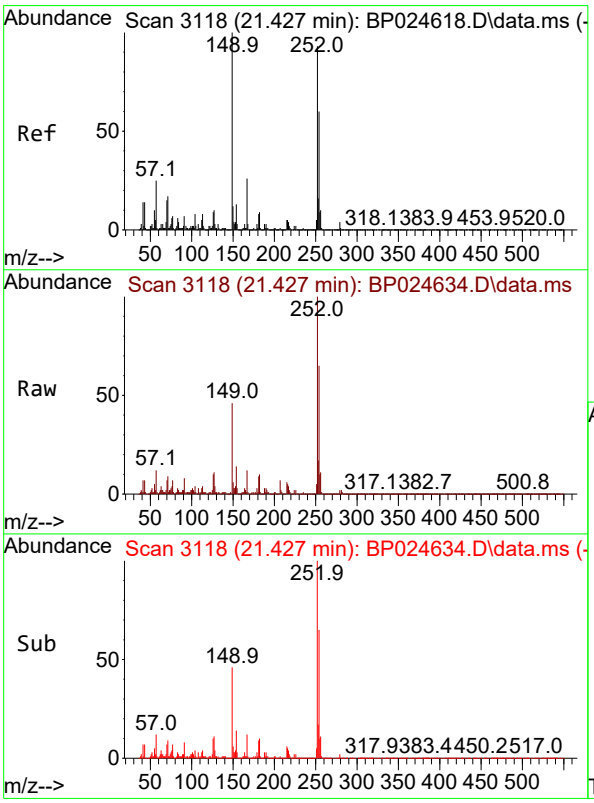
#81
Benzo(a)anthracene
Concen: 38.158 ng
RT: 21.504 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2081406

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.0
229	19.7	15.5	23.3

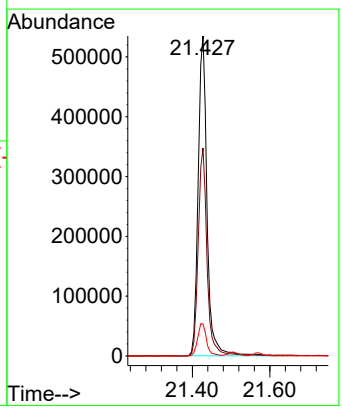


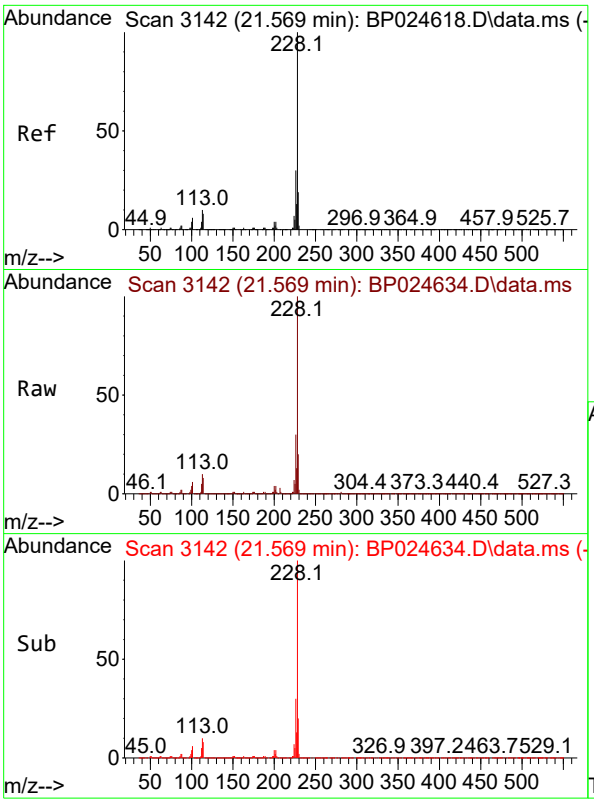


#82
3,3'-Dichlorobenzidine
Concen: 42.067 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:252 Resp: 852276

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.6
126	10.0	7.7	11.5



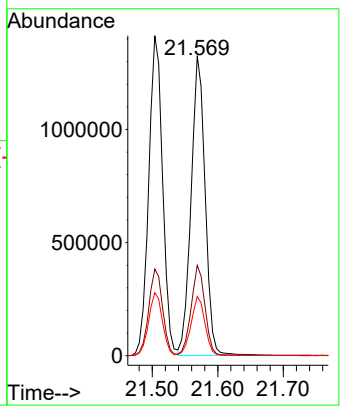


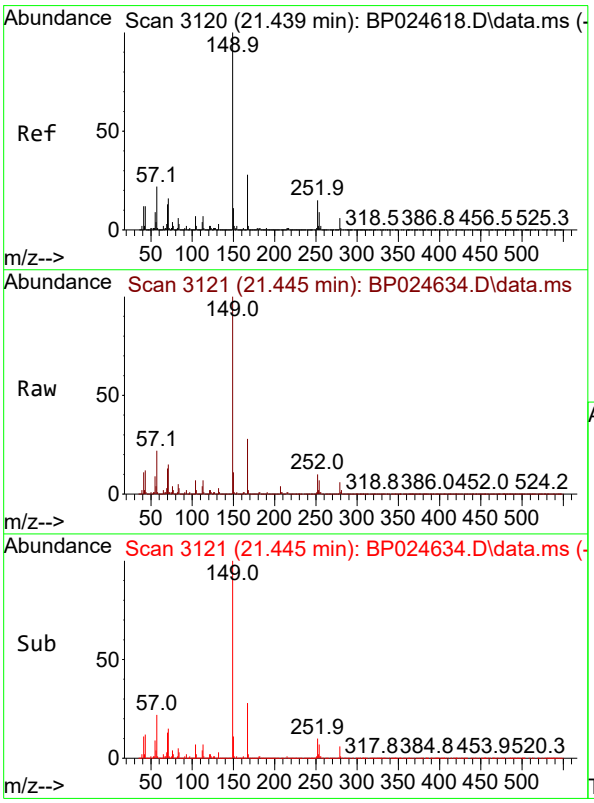
#83
Chrysene
Concen: 38.138 ng
RT: 21.569 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1972026

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.7	15.5	23.3

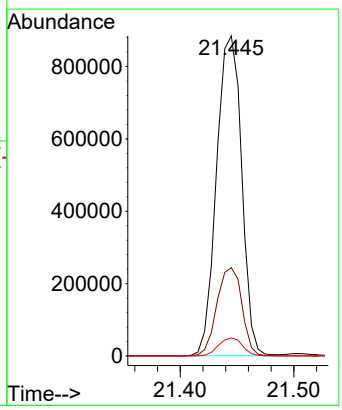


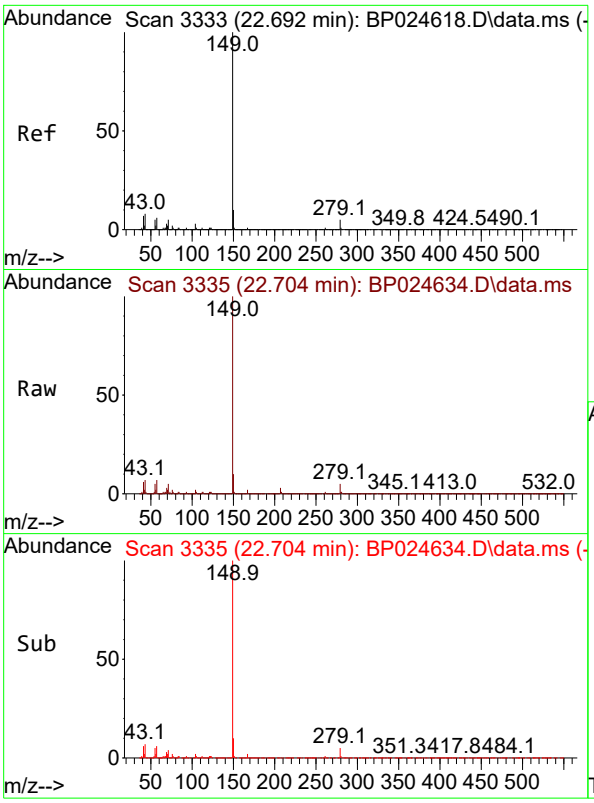


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.885 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:149 Resp: 1357083

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	5.7	4.6	6.8



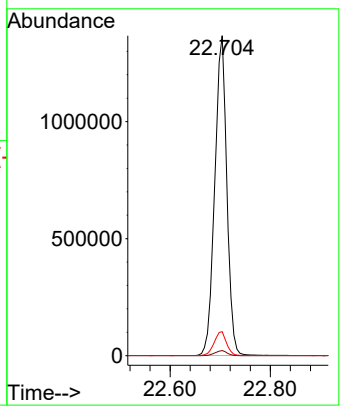


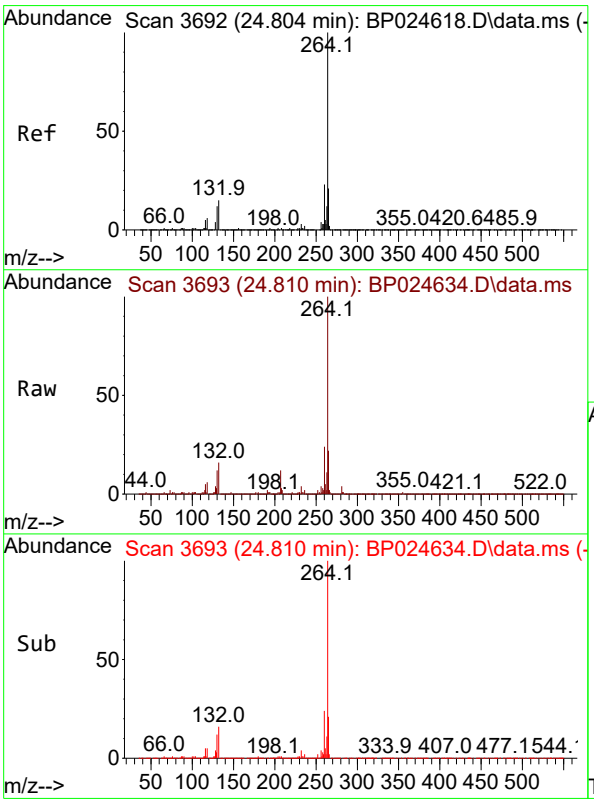
#85
Di-n-octyl phthalate
Concen: 40.907 ng
RT: 22.704 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 2276070

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.7	6.3	9.5

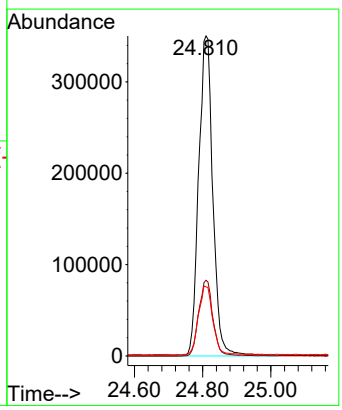


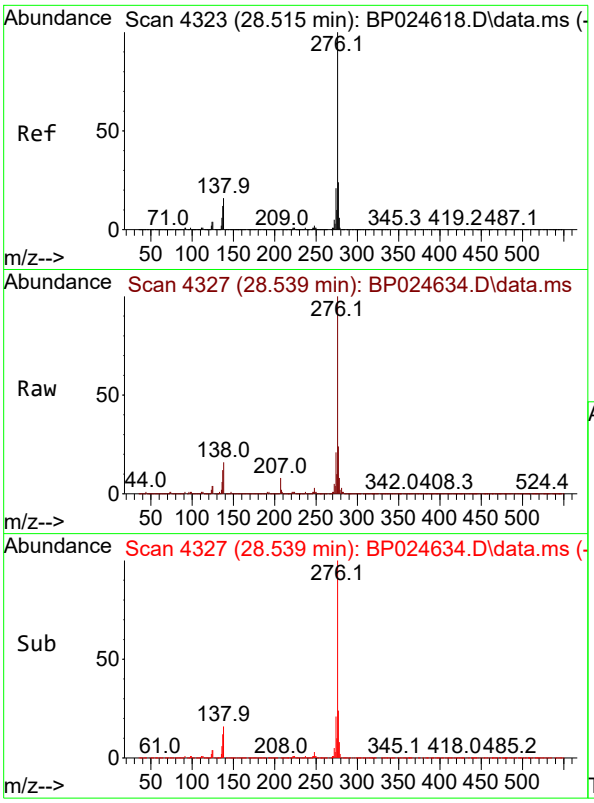


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:264 Resp: 1013038

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.6	17.0	25.6



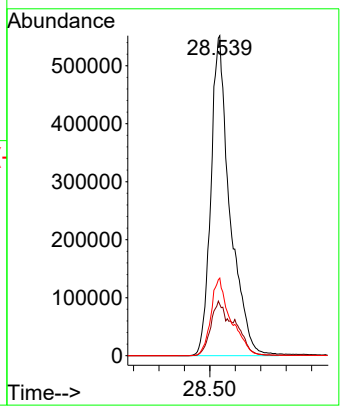


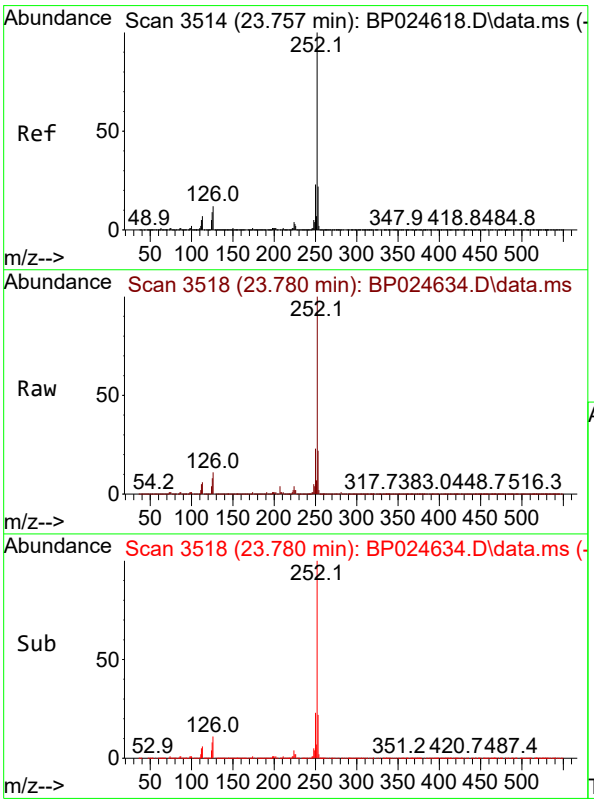
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.803 ng
RT: 28.539 min Scan# 4
Delta R.T. 0.024 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 2869776

Ion	Ratio	Lower	Upper
276	100		
138	15.7	11.2	16.8
277	25.4	15.7	23.5#

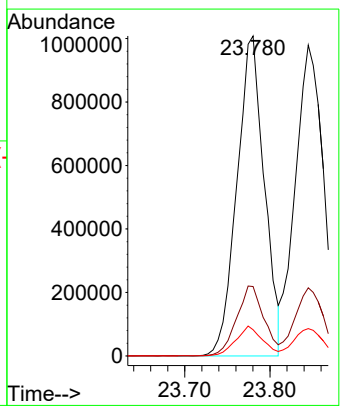


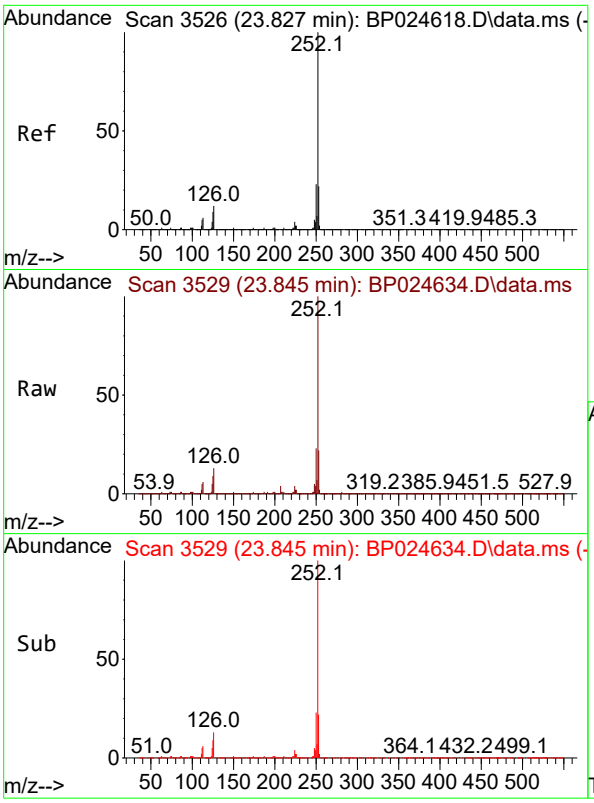


#88
Benzo(b)fluoranthene
Concen: 38.696 ng
RT: 23.780 min Scan# 3518
Delta R.T. 0.024 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:252 Resp: 2243754

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	8.2	7.5	11.3



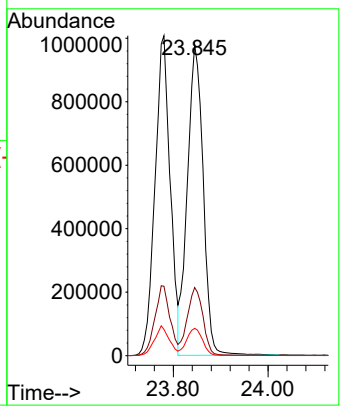


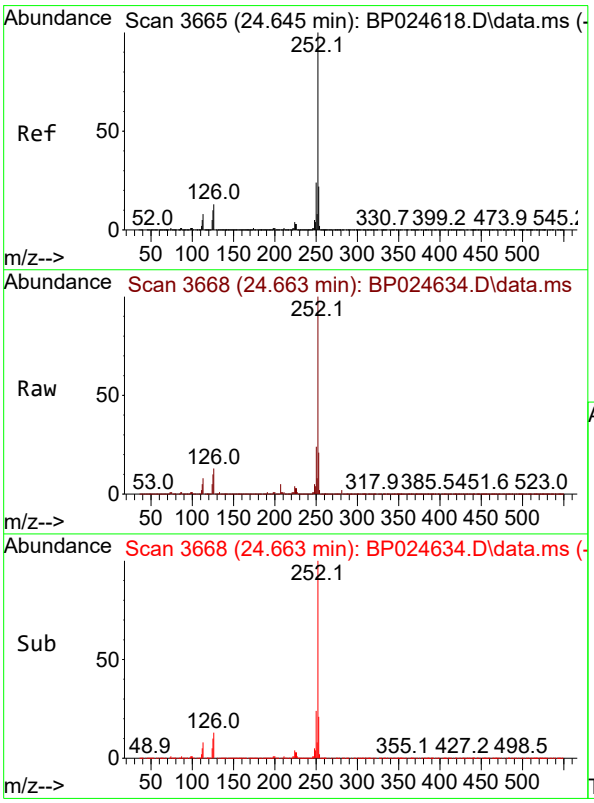
#89
Benzo(k)fluoranthene
Concen: 38.006 ng
RT: 23.845 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2270811

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	8.8	7.0	10.4

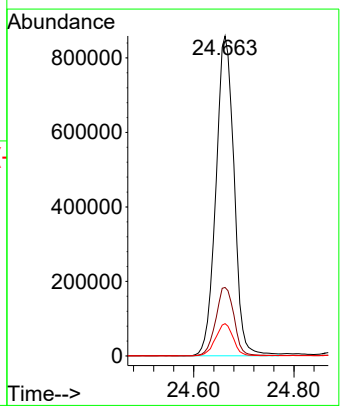


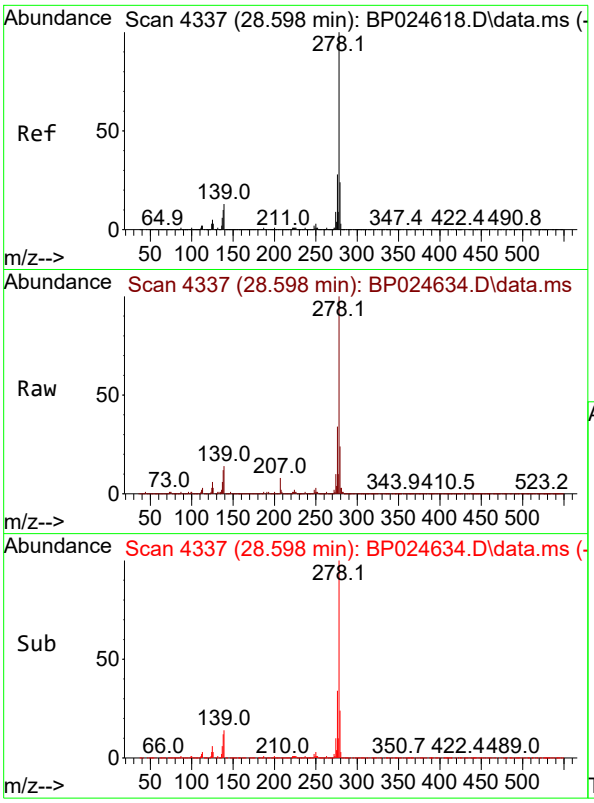


#90
Benzo(a)pyrene
Concen: 38.729 ng
RT: 24.663 min Scan# 3668
Delta R.T. 0.018 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:252 Resp: 2156788

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	10.1	8.1	12.1



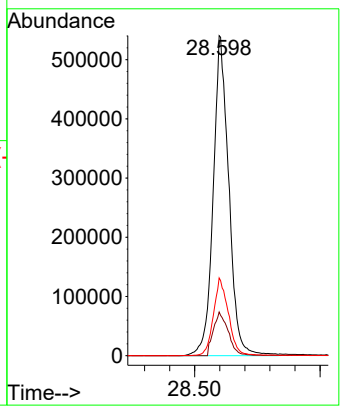


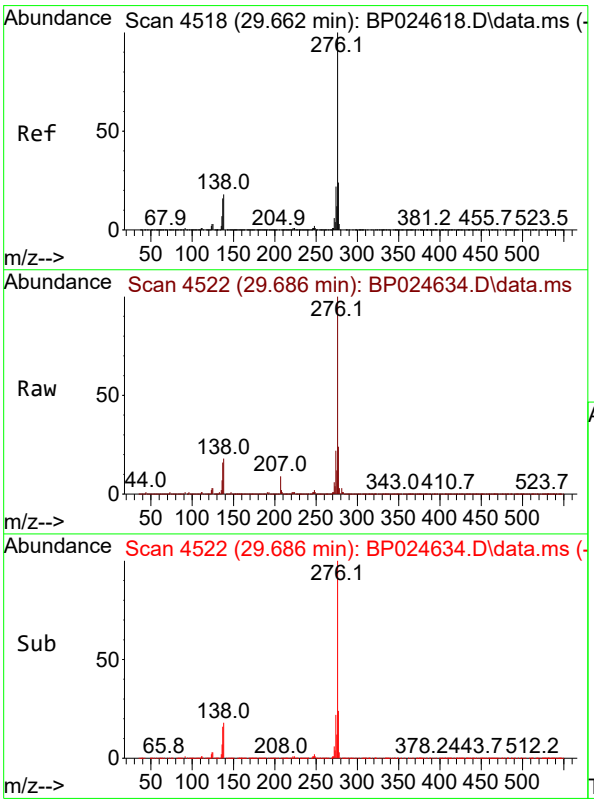
#91
Dibenzo(a,h)anthracene
Concen: 38.815 ng
RT: 28.598 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2335393

Ion	Ratio	Lower	Upper
278	100		
139	13.7	10.2	15.4
279	24.3	19.0	28.4

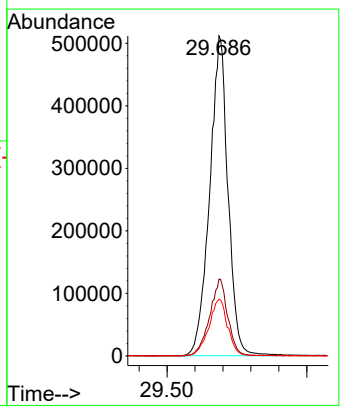




#92
Benzo(g,h,i)perylene
Concen: 38.862 ng
RT: 29.686 min Scan# 4522
Delta R.T. 0.024 min
Lab File: BP024634.D
Acq: 15 May 2025 12:25

Tgt Ion:276 Resp: 2325227

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	17.7	14.4	21.6



Sample Results: **BP024634.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024634.D
Acq On : 15 May 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 15 13:40:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
2		1,4-Dioxane	0.549	0.486	11.5	104	0.00
3		Pyridine	1.218	1.186	2.6	107	0.00
4		n-Nitrosodimethylamine	0.538	0.503	6.5	105	0.00
5	S	2-Fluorophenol	1.169	1.113	4.8	109	0.00
6		Aniline	1.927	1.809	6.1	102	0.00
7	S	Phenol-d6	1.492	1.373	8.0	101	0.00
8		2-Chlorophenol	1.327	1.296	2.3	107	0.00
9		Benzaldehyde	0.966	0.853	11.7	96	0.00
10	C	Phenol	1.540	1.415	8.1	101	0.00
11		bis(2-Chloroethyl)ether	1.266	1.168	7.7	104	0.00
12		1,3-Dichlorobenzene	1.527	1.422	6.9	107	0.00
13	C	1,4-Dichlorobenzene	1.536	1.458	5.1	107	0.00
14		1,2-Dichlorobenzene	1.497	1.427	4.7	108	0.00
15		Benzyl Alcohol	1.134	1.165	-2.7	109	0.00
16		2,2'-oxybis(1-Chloropropane	1.516	1.451	4.3	107	-0.01
17		2-Methylphenol	1.105	1.112	-0.6	109	0.00
18		Hexachloroethane	0.589	0.548	7.0	107	0.00
19	P	n-Nitroso-di-n-propylamine	1.032	1.054	-2.1	108	0.00
20		3+4-Methylphenols	1.503	1.544	-2.7	110	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	109	0.00
22		Acetophenone	0.500	0.481	3.8	109	0.00
23	S	Nitrobenzene-d5	0.396	0.378	4.5	108	0.00
24		Nitrobenzene	0.348	0.331	4.9	108	0.00
25		Isophorone	0.687	0.662	3.6	108	0.00
26	C	2-Nitrophenol	0.171	0.170	0.6	108	-0.01
27		2,4-Dimethylphenol	0.301	0.296	1.7	108	-0.01
28		bis(2-Chloroethoxy)methane	0.410	0.389	5.1	107	0.00
29	C	2,4-Dichlorophenol	0.292	0.292	0.0	109	0.00
30		1,2,4-Trichlorobenzene	0.329	0.305	7.3	109	0.00
31		Naphthalene	1.036	0.983	5.1	110	0.00
32		Benzoic acid	0.181	0.196	-8.3	112	0.00
33		4-Chloroaniline	0.418	0.425	-1.7	111	0.00
34	C	Hexachlorobutadiene	0.213	0.197	7.5	108	0.00
35		Caprolactam	0.106	0.110	-3.8	110	0.00
36	C	4-Chloro-3-methylphenol	0.356	0.356	0.0	109	0.00
37		2-Methylnaphthalene	0.671	0.646	3.7	110	0.00
38		1-Methylnaphthalene	0.718	0.682	5.0	108	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	106	0.00
40		1,2,4,5-Tetrachlorobenzene	0.581	0.557	4.1	107	0.00
41	P	Hexachlorocyclopentadiene	0.352	0.372	-5.7	110	0.00
42	S	2,4,6-Tribromophenol	0.339	0.334	1.5	110	0.01
43	C	2,4,6-Trichlorophenol	0.376	0.388	-3.2	111	0.00
44		2,4,5-Trichlorophenol	0.419	0.412	1.7	108	0.00
45	S	2-Fluorobiphenyl	1.527	1.446	5.3	107	0.00
46		1,1'-Biphenyl	1.478	1.391	5.9	107	0.00
47		2-Chloronaphthalene	1.127	1.069	5.1	106	0.00

Sample Results: **BP024634.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024634.D
Acq On : 15 May 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 15 13:40:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.334	0.336	-0.6	107	0.00
49		Acenaphthylene	1.886	1.811	4.0	106	0.00
50		Dimethylphthalate	1.524	1.433	6.0	105	0.00
51		2,6-Dinitrotoluene	0.322	0.313	2.8	106	0.00
52	C	Acenaphthene	1.084	1.026	5.4	106	0.00
53		3-Nitroaniline	0.329	0.337	-2.4	105	0.00
54	P	2,4-Dinitrophenol	0.169	0.170	-0.6	105	0.00
55		Dibenzofuran	1.730	1.659	4.1	108	0.01
56	P	4-Nitrophenol	0.250	0.260	-4.0	107	0.00
57		2,4-Dinitrotoluene	0.454	0.453	0.2	106	0.00
58		Fluorene	1.410	1.356	3.8	107	0.01
59		2,3,4,6-Tetrachlorophenol	0.388	0.383	1.3	107	0.00
60		Diethylphthalate	1.541	1.477	4.2	108	0.00
61		4-Chlorophenyl-phenylether	0.703	0.672	4.4	109	0.00
62		4-Nitroaniline	0.317	0.338	-6.6	108	0.01
63		Azobenzene	1.318	1.282	2.7	109	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	109	0.00
65		4,6-Dinitro-2-methylphenol	0.129	0.126	2.3	108	0.00
66	c	n-Nitrosodiphenylamine	0.614	0.588	4.2	108	0.00
67		4-Bromophenyl-phenylether	0.236	0.225	4.7	109	0.01
68		Hexachlorobenzene	0.299	0.283	5.4	110	0.01
69		Atrazine	0.225	0.216	4.0	108	0.00
70	C	Pentachlorophenol	0.168	0.180	-7.1	114	0.00
71		Phenanthrene	1.112	1.049	5.7	109	0.00
72		Anthracene	1.119	1.053	5.9	107	0.00
73		Carbazole	1.012	0.991	2.1	108	0.00
74		Di-n-butylphthalate	1.302	1.272	2.3	111	0.00
75	C	Fluoranthene	1.300	1.234	5.1	108	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	107	0.00
77		Benzidine	0.545	0.576	-5.7	110	0.00
78		Pyrene	1.198	1.165	2.8	108	0.00
79	S	Terphenyl-d14	1.166	1.105	5.2	105	0.00
80		Butylbenzylphthalate	0.533	0.531	0.4	108	0.00
81		Benzo(a)anthracene	1.256	1.198	4.6	106	0.00
82		3,3'-Dichlorobenzidine	0.466	0.491	-5.4	110	0.00
83		Chrysene	1.190	1.135	4.6	108	0.00
84		Bis(2-ethylhexyl)phthalate	0.783	0.781	0.3	109	0.00
85	c	Di-n-octyl phthalate	1.281	1.310	-2.3	110	0.01
86	I	Perylene-d12	1.000	1.000	0.0	109	0.00
87		Indeno(1,2,3-cd)pyrene	1.460	1.416	3.0	108	0.02
88		Benzo(b)fluoranthene	1.145	1.107	3.3	109	0.02
89		Benzo(k)fluoranthene	1.180	1.121	5.0	107	0.02
90	C	Benzo(a)pyrene	1.099	1.065	3.1	109	0.02
91		Dibenzo(a,h)anthracene	1.188	1.153	2.9	108	0.00
92		Benzo(g,h,i)perylene	1.181	1.148	2.8	109	0.02

Sample Results: **BP024634.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024634.D
Acq On : 15 May 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 15 13:40:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BP024634.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024634.D
Acq On : 15 May 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 15 13:40:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	108	0.00
2		1,4-Dioxane	40.000	35.390	11.5	104	0.00
3		Pyridine	40.000	38.953	2.6	107	0.00
4		n-Nitrosodimethylamine	40.000	37.459	6.4	105	0.00
5	S	2-Fluorophenol	80.000	76.128	4.8	109	0.00
6		Aniline	40.000	37.560	6.1	102	0.00
7	S	Phenol-d6	80.000	73.619	8.0	101	0.00
8		2-Chlorophenol	40.000	39.050	2.4	107	0.00
9		Benzaldehyde	40.000	35.324	11.7	96	0.00
10	C	Phenol	40.000	36.754	8.1	101	0.00
11		bis(2-Chloroethyl)ether	40.000	36.919	7.7	104	0.00
12		1,3-Dichlorobenzene	40.000	37.251	6.9	107	0.00
13	C	1,4-Dichlorobenzene	40.000	37.969	5.1	107	0.00
14		1,2-Dichlorobenzene	40.000	38.142	4.6	108	0.00
15		Benzyl Alcohol	40.000	41.086	-2.7	109	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.301	4.2	107	-0.01
17		2-Methylphenol	40.000	40.259	-0.6	109	0.00
18		Hexachloroethane	40.000	37.212	7.0	107	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.821	-2.1	108	0.00
20		3+4-Methylphenols	40.000	41.091	-2.7	110	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	109	0.00
22		Acetophenone	40.000	38.547	3.6	109	0.00
23	S	Nitrobenzene-d5	80.000	76.396	4.5	108	0.00
24		Nitrobenzene	40.000	38.025	4.9	108	0.00
25		Isophorone	40.000	38.566	3.6	108	0.00
26	C	2-Nitrophenol	40.000	39.922	0.2	108	-0.01
27		2,4-Dimethylphenol	40.000	39.326	1.7	108	-0.01
28		bis(2-Chloroethoxy)methane	40.000	37.932	5.2	107	0.00
29	C	2,4-Dichlorophenol	40.000	39.999	0.0	109	0.00
30		1,2,4-Trichlorobenzene	40.000	37.155	7.1	109	0.00
31		Naphthalene	40.000	37.947	5.1	110	0.00
32		Benzoic acid	40.000	39.103	2.2	112	0.00
33		4-Chloroaniline	40.000	40.638	-1.6	111	0.00
34	C	Hexachlorobutadiene	40.000	36.920	7.7	108	0.00
35		Caprolactam	40.000	41.746	-4.4	110	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.008	-0.0	109	0.00
37		2-Methylnaphthalene	40.000	38.524	3.7	110	0.00
38		1-Methylnaphthalene	40.000	38.002	5.0	108	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	106	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.382	4.0	107	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.213	-5.5	110	0.00
42	S	2,4,6-Tribromophenol	80.000	78.910	1.4	110	0.01
43	C	2,4,6-Trichlorophenol	40.000	41.226	-3.1	111	0.00
44		2,4,5-Trichlorophenol	40.000	39.313	1.7	108	0.00
45	S	2-Fluorobiphenyl	80.000	75.785	5.3	107	0.00
46		1,1'-Biphenyl	40.000	37.651	5.9	107	0.00
47		2-Chloronaphthalene	40.000	37.928	5.2	106	0.00

Sample Results: **BP024634.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024634.D
Acq On : 15 May 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 15 13:40:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	40.335	-0.8	107	0.00
49		Acenaphthylene	40.000	38.405	4.0	106	0.00
50		Dimethylphthalate	40.000	37.592	6.0	105	0.00
51		2,6-Dinitrotoluene	40.000	38.913	2.7	106	0.00
52	C	Acenaphthene	40.000	37.838	5.4	106	0.00
53		3-Nitroaniline	40.000	41.006	-2.5	105	0.00
54	P	2,4-Dinitrophenol	40.000	37.204	7.0	105	0.00
55		Dibenzofuran	40.000	38.367	4.1	108	0.01
56	P	4-Nitrophenol	40.000	38.819	3.0	107	0.00
57		2,4-Dinitrotoluene	40.000	39.924	0.2	106	0.00
58		Fluorene	40.000	38.456	3.9	107	0.01
59		2,3,4,6-Tetrachlorophenol	40.000	39.477	1.3	107	0.00
60		Diethylphthalate	40.000	38.341	4.1	108	0.00
61		4-Chlorophenyl-phenylether	40.000	38.222	4.4	109	0.00
62		4-Nitroaniline	40.000	42.533	-6.3	108	0.01
63		Azobenzene	40.000	38.912	2.7	109	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	109	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.144	2.1	108	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.269	4.3	108	0.00
67		4-Bromophenyl-phenylether	40.000	38.112	4.7	109	0.01
68		Hexachlorobenzene	40.000	37.783	5.5	110	0.01
69		Atrazine	40.000	38.309	4.2	108	0.00
70	C	Pentachlorophenol	40.000	42.824	-7.1	114	0.00
71		Phenanthrene	40.000	37.740	5.6	109	0.00
72		Anthracene	40.000	37.640	5.9	107	0.00
73		Carbazole	40.000	39.163	2.1	108	0.00
74		Di-n-butylphthalate	40.000	39.073	2.3	111	0.00
75	C	Fluoranthene	40.000	37.994	5.0	108	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	107	0.00
77		Benzidine	40.000	42.277	-5.7	110	0.00
78		Pyrene	40.000	38.892	2.8	108	0.00
79	S	Terphenyl-d14	80.000	75.758	5.3	105	0.00
80		Butylbenzylphthalate	40.000	39.878	0.3	108	0.00
81		Benzo(a)anthracene	40.000	38.158	4.6	106	0.00
82		3,3'-Dichlorobenzidine	40.000	42.067	-5.2	110	0.00
83		Chrysene	40.000	38.138	4.7	108	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.885	0.3	109	0.00
85	c	Di-n-octyl phthalate	40.000	40.907	-2.3	110	0.01
86	I	Perylene-d12	20.000	20.000	0.0	109	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	38.803	3.0	108	0.02
88		Benzo(b)fluoranthene	40.000	38.696	3.3	109	0.02
89		Benzo(k)fluoranthene	40.000	38.006	5.0	107	0.02
90	C	Benzo(a)pyrene	40.000	38.729	3.2	109	0.02
91		Dibenzo(a,h)anthracene	40.000	38.815	3.0	108	0.00
92		Benzo(g,h,i)perylene	40.000	38.862	2.8	109	0.02

Sample Results: **BP024634.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024634.D
Acq On : 15 May 2025 12:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 15 13:40:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

QC SAMPLE DATA

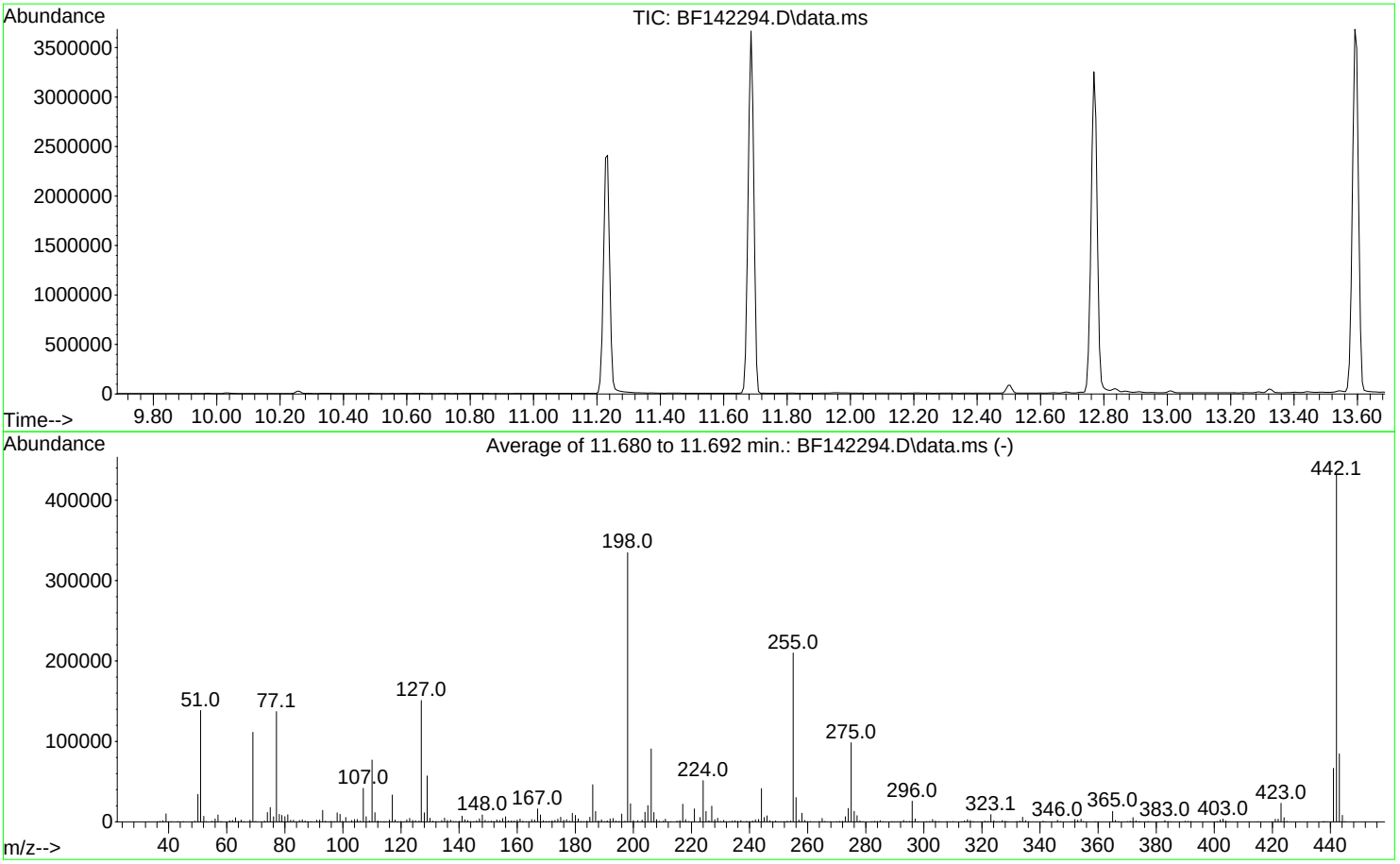
Sample Results: **BF142294.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142294.D
Acq On : 05 May 2025 13:24
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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon May 05 18:41:44 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	41.3	138422	PASS
68	69	0.00	2	1.8	2002	PASS
69	198	0.00	100	33.3	111451	PASS
70	69	0.00	2	0.5	606	PASS
127	198	10	80	45.1	150915	PASS
197	198	0.00	2	0.2	791	PASS
198	198	100	100	100.0	334827	PASS
199	198	5	9	6.7	22493	PASS
275	198	10	60	29.4	98472	PASS
365	198	1	100	3.9	13004	PASS
441	198	0.01	100	19.9	66483	PASS
442	442	50	100	100.0	431915	PASS
443	442	15	24	19.6	84477	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/5/2025	BNA_F	BF142294.D
Compound Name	**Response**	**Retention Time**
DDT	875067	13.592
DDD	9793	13.321
DDE	601	12.957
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
10394	885461	1.17

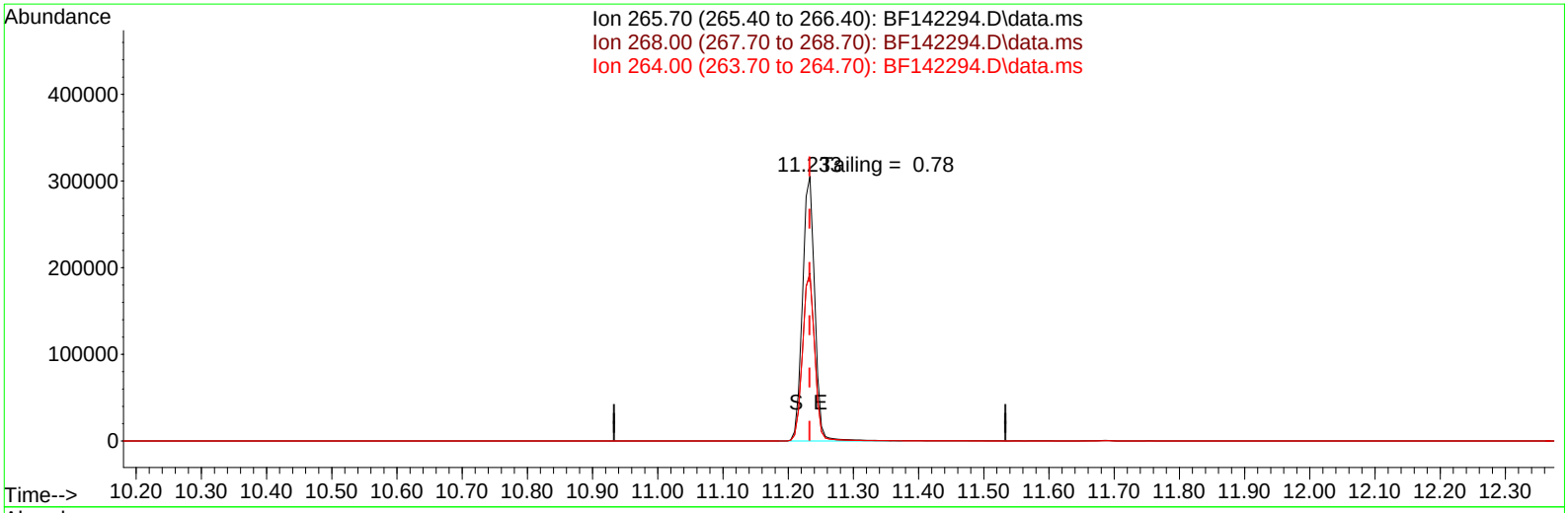
Instrument :
BNA_F
ClientSampleId :
DFTPP

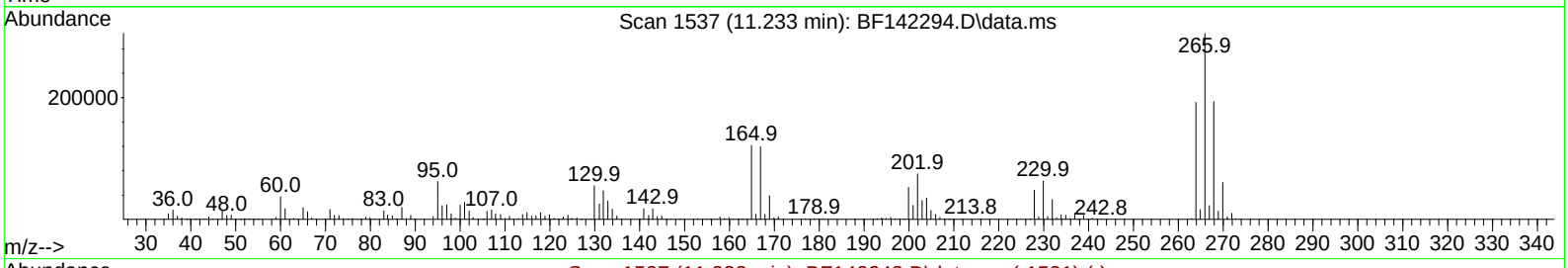
Sample Results: **BF142294.D**

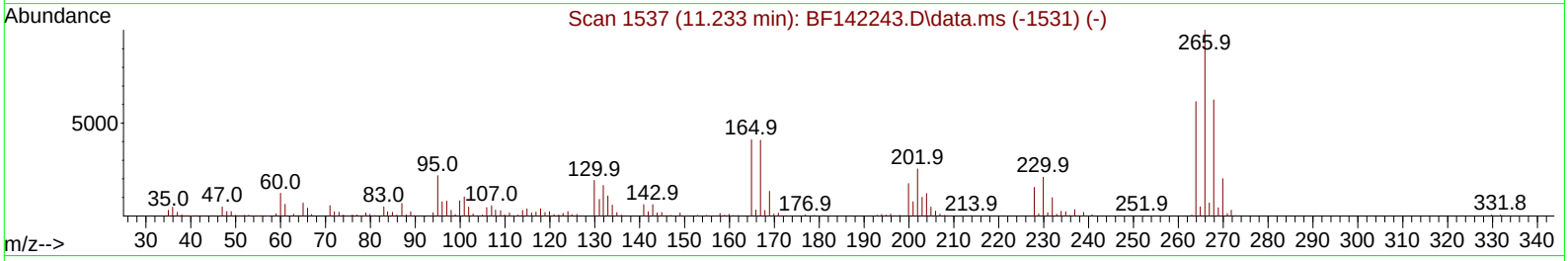
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142294.D
Acq On : 05 May 2025 13:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 05 15:26:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 15:26:28 2025
Response via : Initial Calibration







TIC: BF142294.D\data.ms

(70) Pentachlorophenol (C)

11.233min (+ 0.000) 69841.70 ng

response 401301

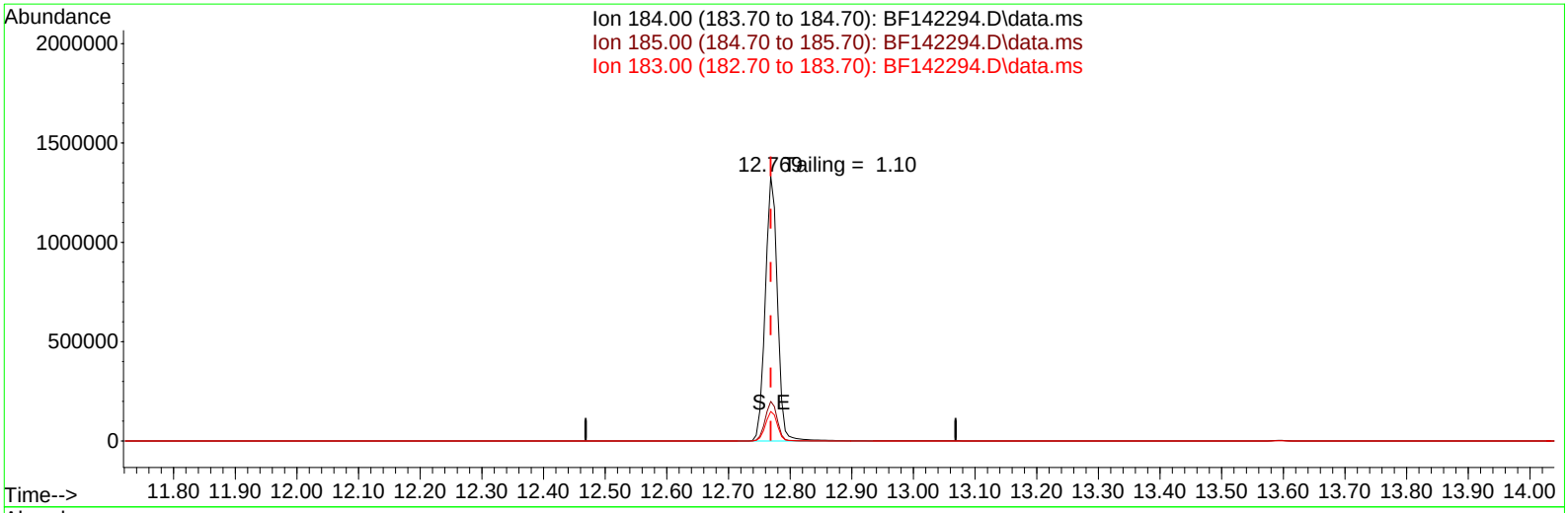
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.50	63.35
264.00	61.60	62.89
0.00	0.00	0.00

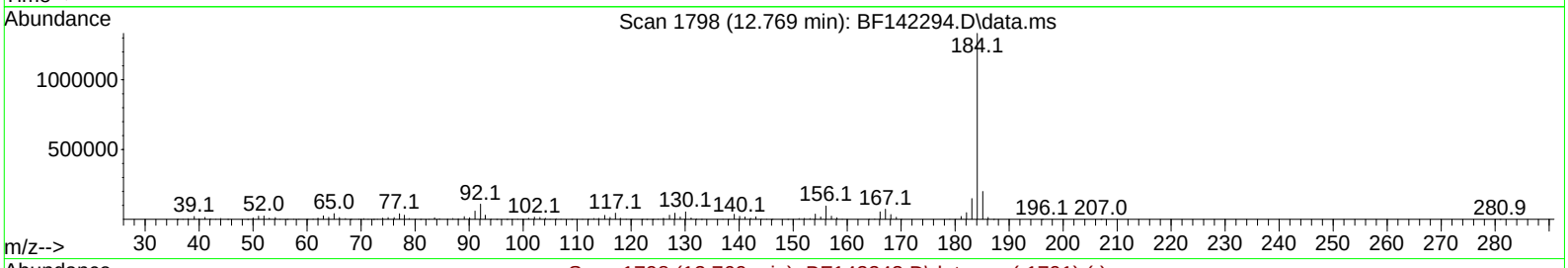
Sample Results: **BF142294.D**

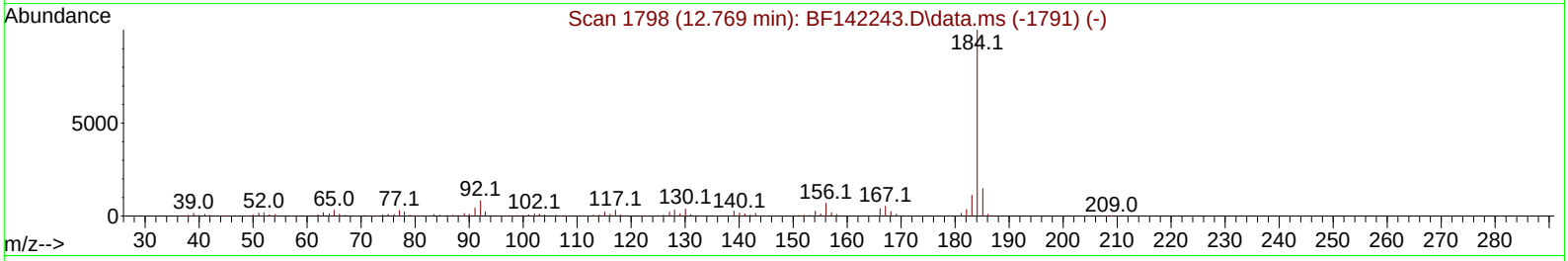
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142294.D
Acq On : 05 May 2025 13:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 05 15:26:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 15:26:28 2025
Response via : Initial Calibration







TIC: BF142294.D\data.ms

(77) Benzidine

12.769min (-0.000) 69201.02 ng

response 1834842

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	15.01
183.00	11.10	11.15
0.00	0.00	0.00

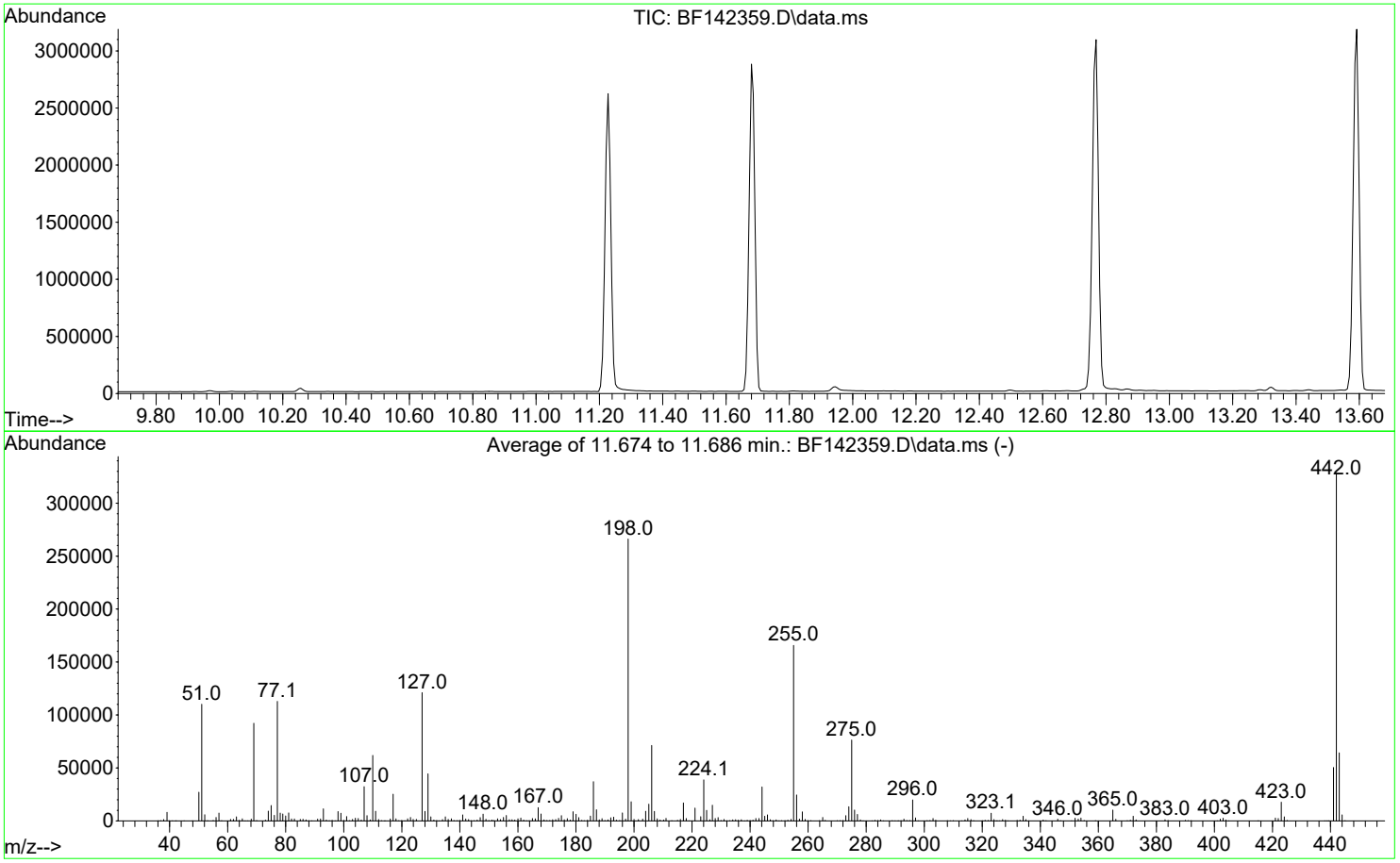
Sample Results: **BF142359.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142359.D
Acq On : 14 May 2025 11:22
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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon May 05 18:41:44 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	41.4	110185	PASS
68	69	0.00	2	1.8	1667	PASS
69	198	0.00	100	34.6	92128	PASS
70	69	0.00	2	0.5	480	PASS
127	198	10	80	45.5	121075	PASS
197	198	0.00	2	0.7	1788	PASS
198	198	100	100	100.0	266176	PASS
199	198	5	9	6.8	18073	PASS
275	198	10	60	28.7	76357	PASS
365	198	1	100	3.9	10304	PASS
441	198	0.01	100	19.0	50461	PASS
442	442	50	100	100.0	327595	PASS
443	442	15	24	19.6	64315	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/14/2025	BNA_F	BF142359.D
Compound Name	**Response**	**Retention Time**
DDT	815887	13.592
DDD	10078	13.321
DDE	683	12.951
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
10761	826648	1.30

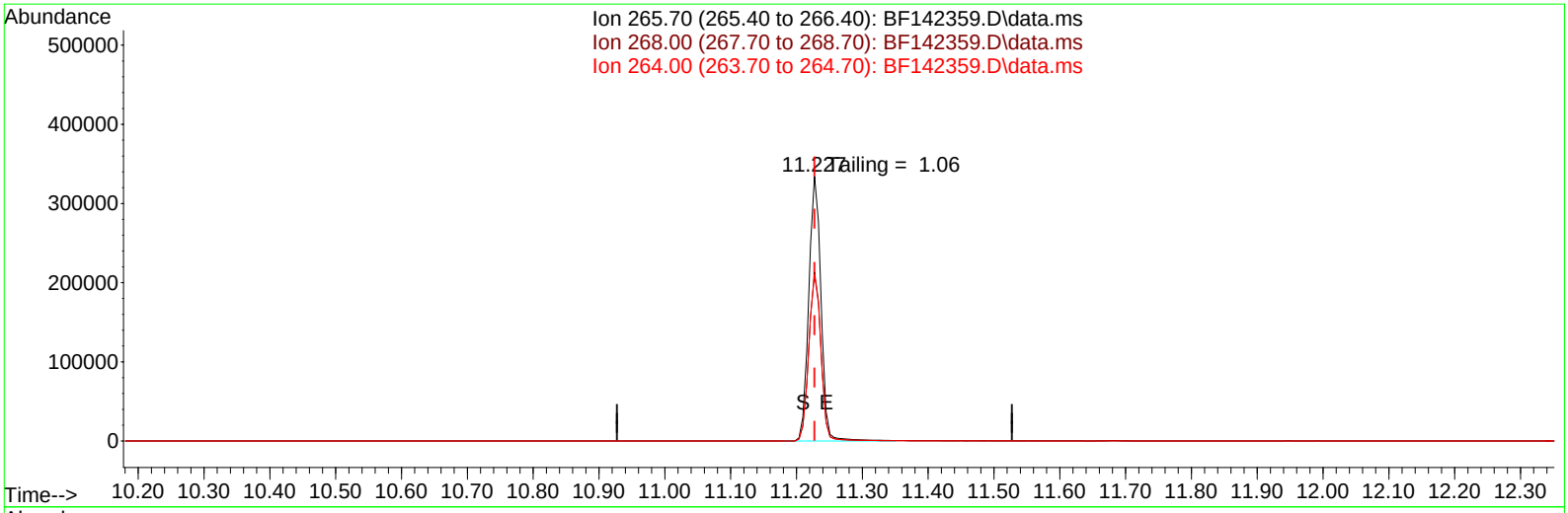
Instrument :
BNA_F
ClientSampleId :
DFTPP

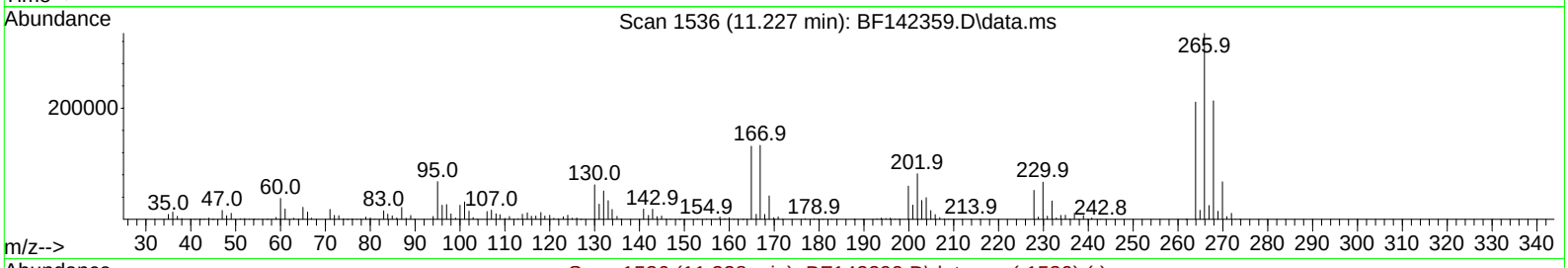
Sample Results: **BF142359.D**

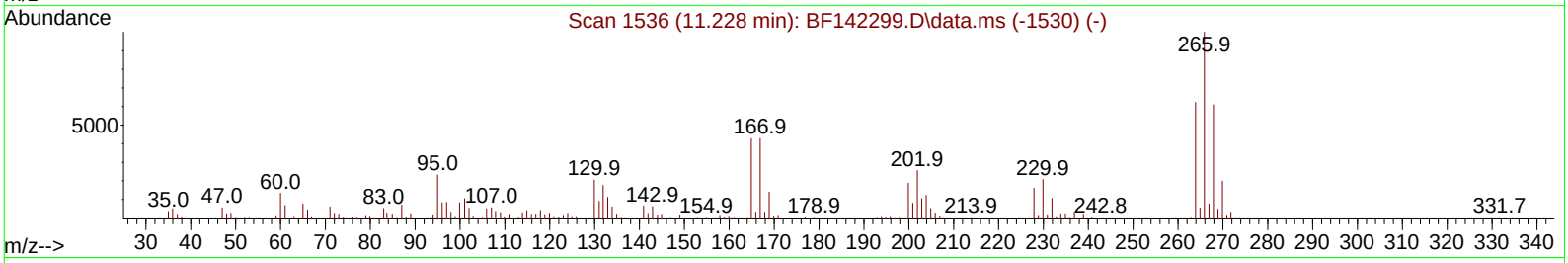
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142359.D
Acq On : 14 May 2025 11:22
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 14 12:47:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration







TIC: BF142359.D\data.ms

(70) Pentachlorophenol (C)

11.227min (-0.000) 177289.14 ng

response 430200

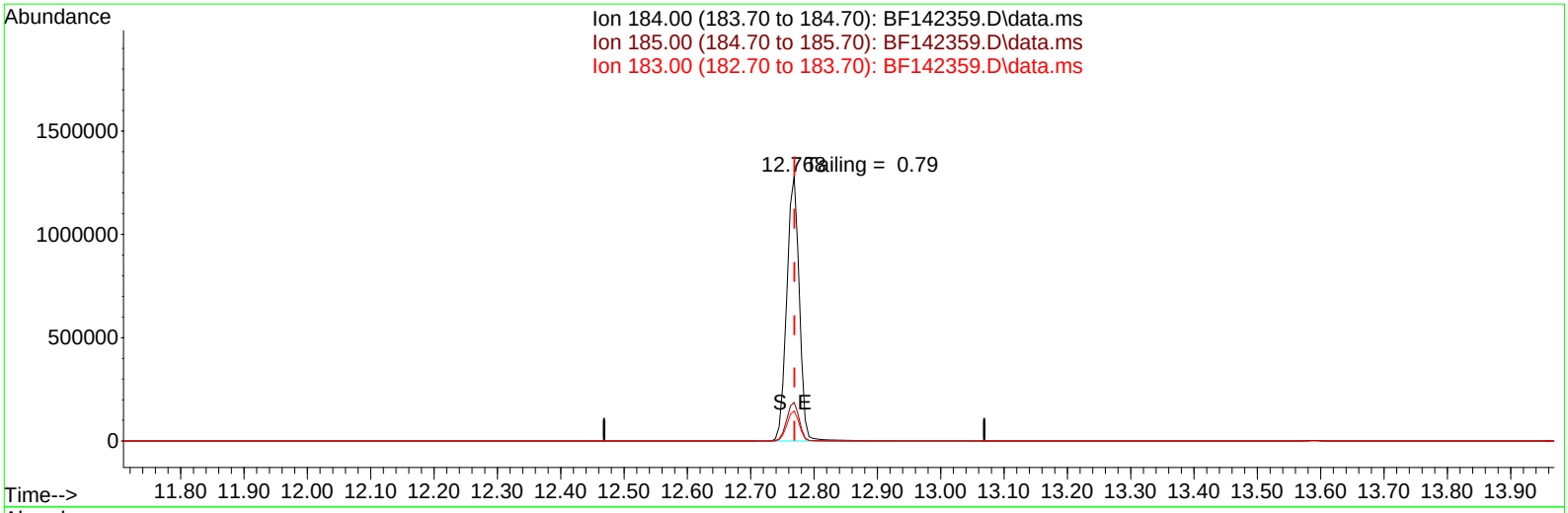
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	60.90	63.74
264.00	62.20	63.05
0.00	0.00	0.00

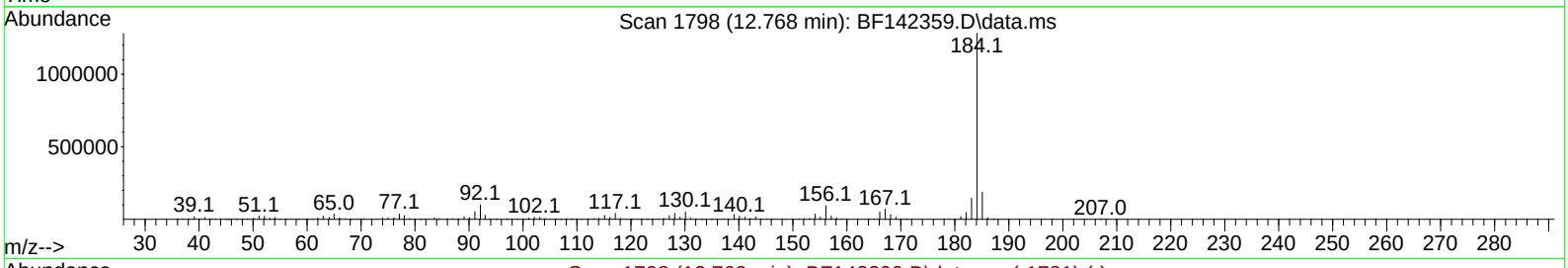
Sample Results: **BF142359.D**

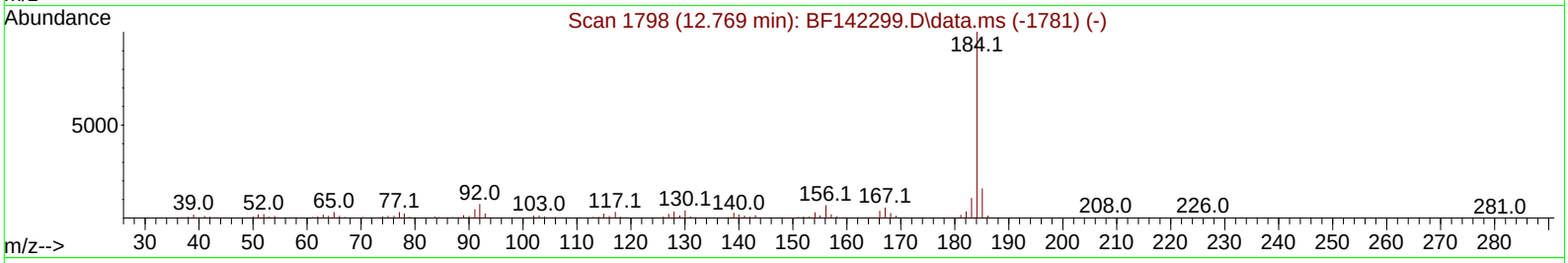
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142359.D
Acq On : 14 May 2025 11:22
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 14 12:47:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration







TIC: BF142359.D\data.ms

(77) Benzidine

12.768min (-0.001) 344992.34 ng

response 1767995

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.65
183.00	10.70	11.35
0.00	0.00	0.00

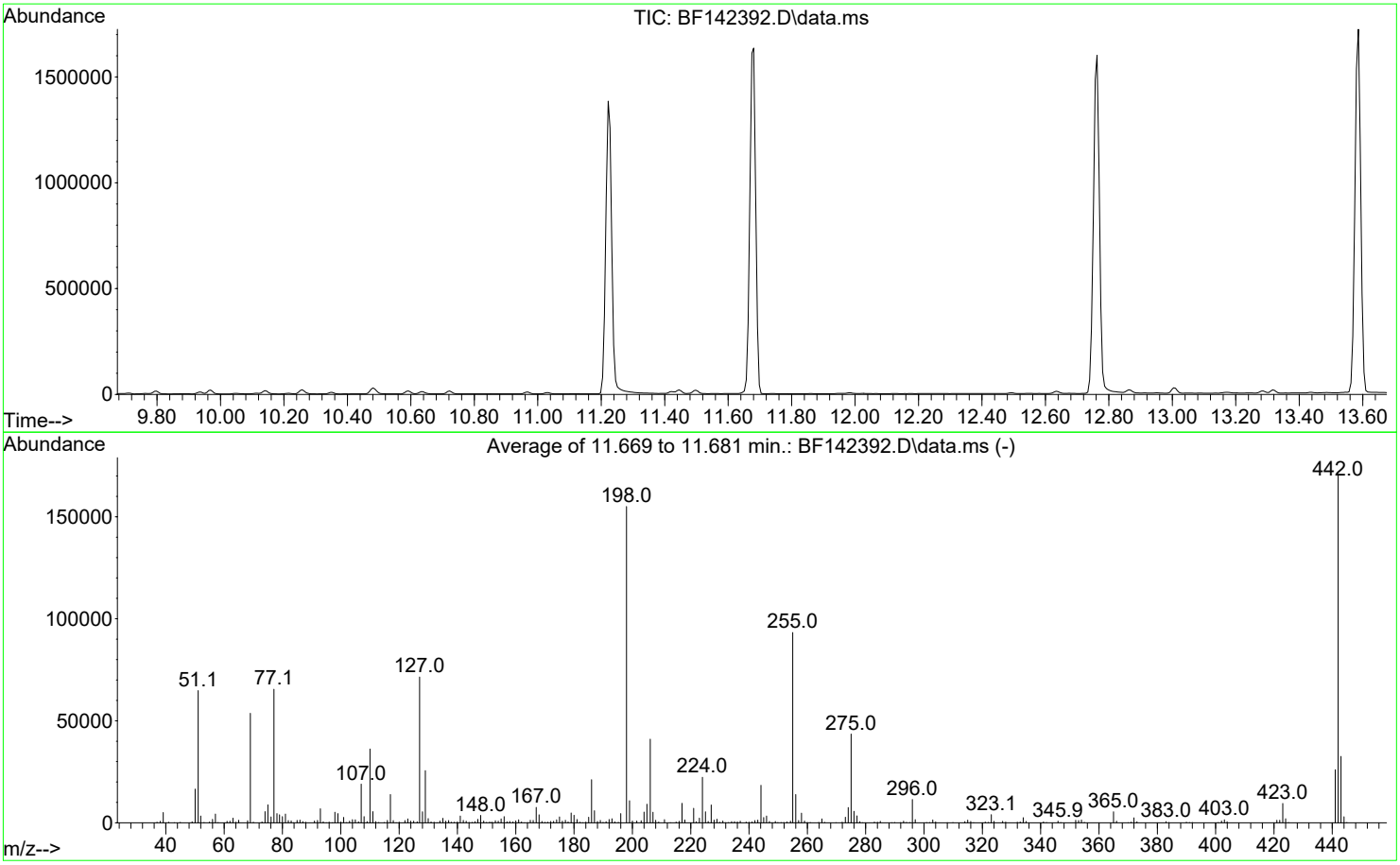
Sample Results: **BF142392.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142392.D
Acq On : 15 May 2025 14:27
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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon May 05 18:41:44 2025



AutoFind: Scans 1611, 1612, 1613; Background Corrected with Scan 1605

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	41.8	64813	PASS
68	69	0.00	2	1.9	1009	PASS
69	198	0.00	100	34.6	53688	PASS
70	69	0.00	2	0.5	289	PASS
127	198	10	80	46.1	71499	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	155067	PASS
199	198	5	9	7.0	10803	PASS
275	198	10	60	28.1	43517	PASS
365	198	1	100	3.5	5444	PASS
441	198	0.01	100	16.8	25998	PASS
442	442	50	100	100.0	170453	PASS
443	442	15	24	19.1	32579	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/15/2025	BNA_F	BF142392.D
Compound Name	**Response**	**Retention Time**
DDT	450840	13.586
DDD	7184	13.316
DDE	494	12.951
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
7678	458518	1.67

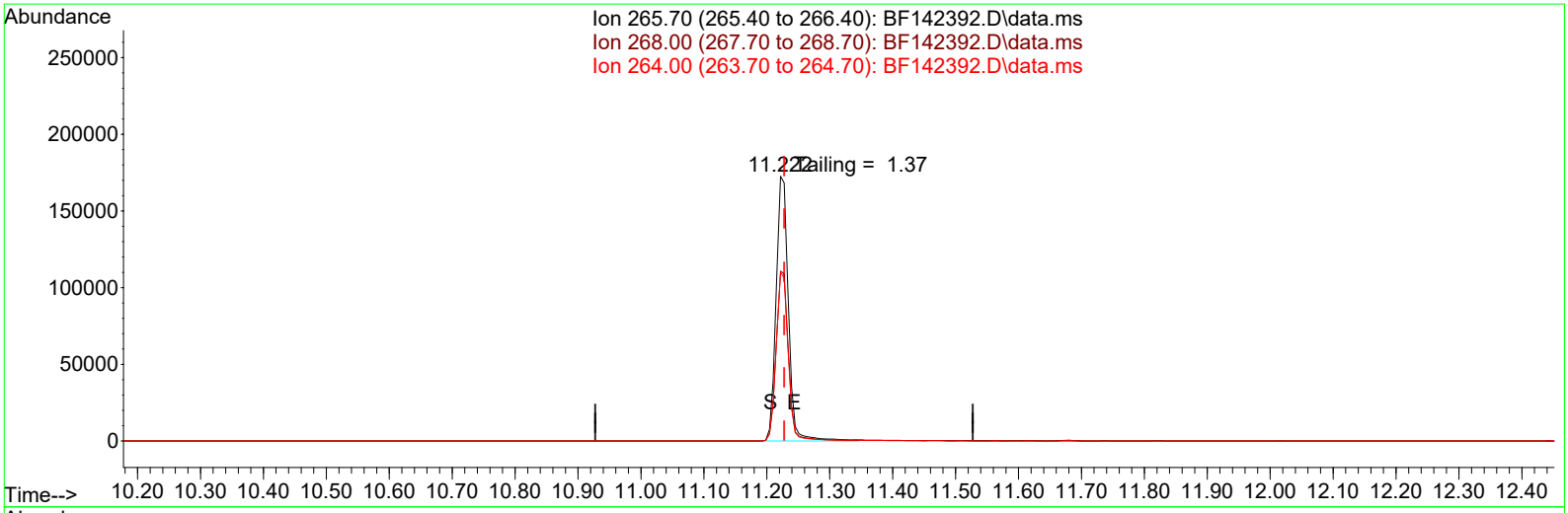
Instrument :
BNA_F
ClientSampleId :
DFTPP

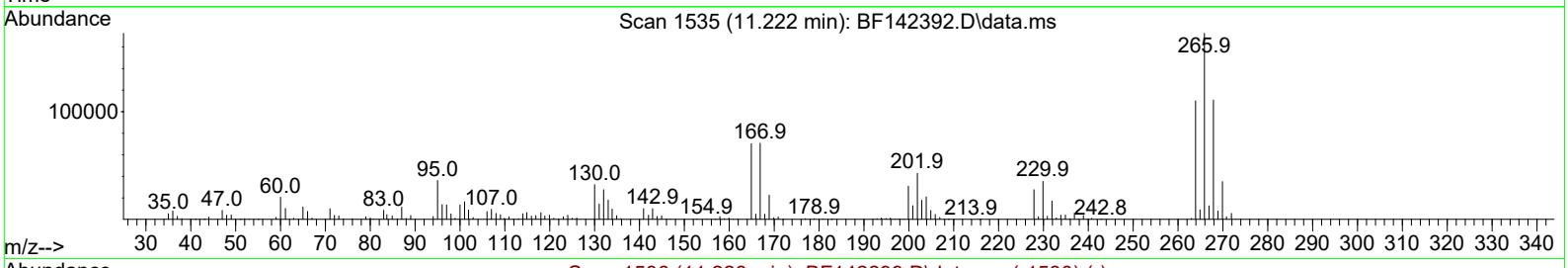
Sample Results: **BF142392.D**

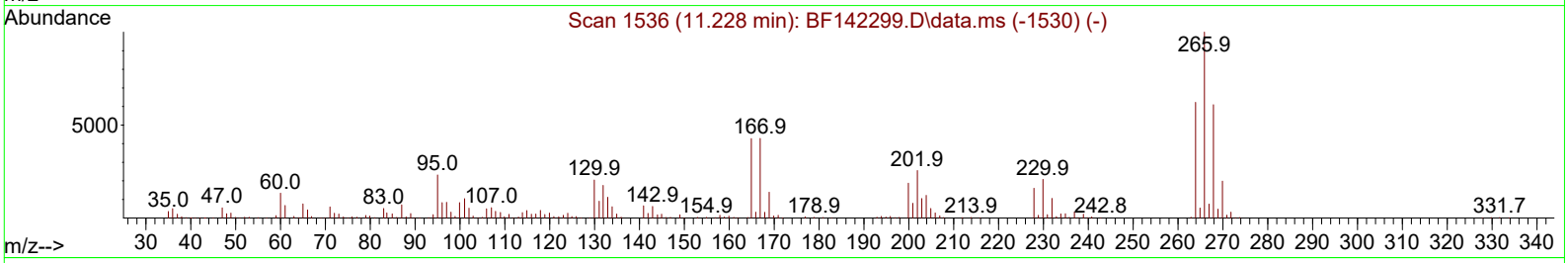
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142392.D
Acq On : 15 May 2025 14:27
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 16 04:25:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration







TIC: BF142392.D\data.ms

(70) Pentachlorophenol (C)

11.222min (-0.006) 6218.69 ng

response 238788

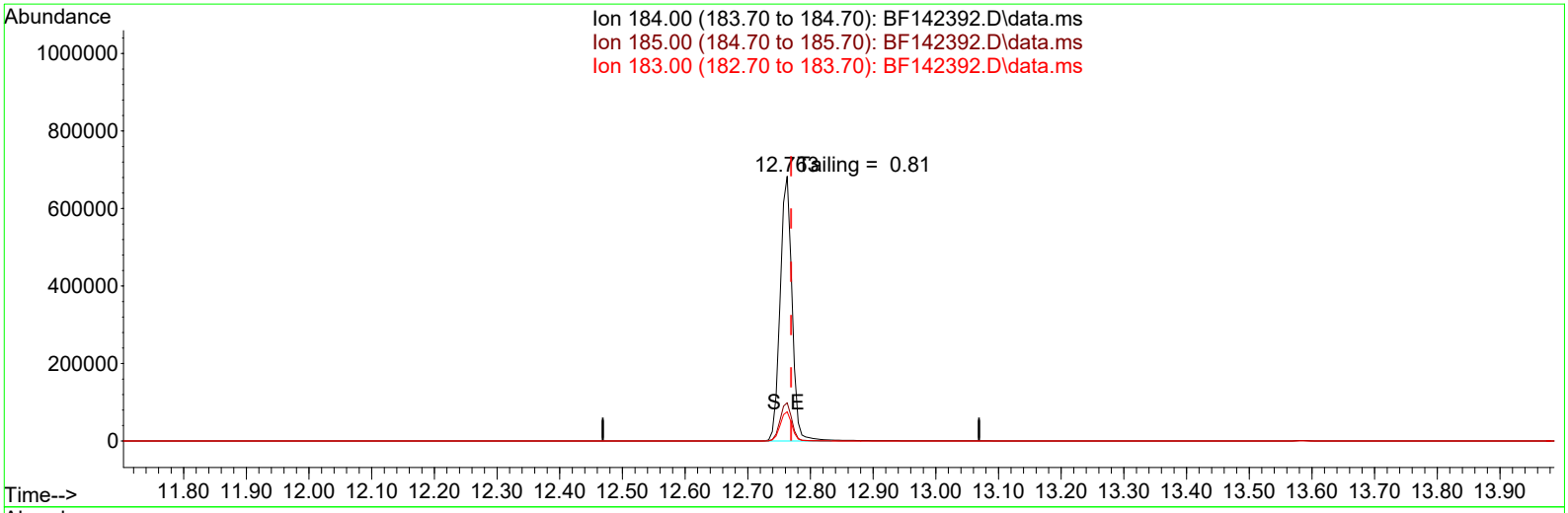
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	60.90	64.18
264.00	62.20	63.82
0.00	0.00	0.00

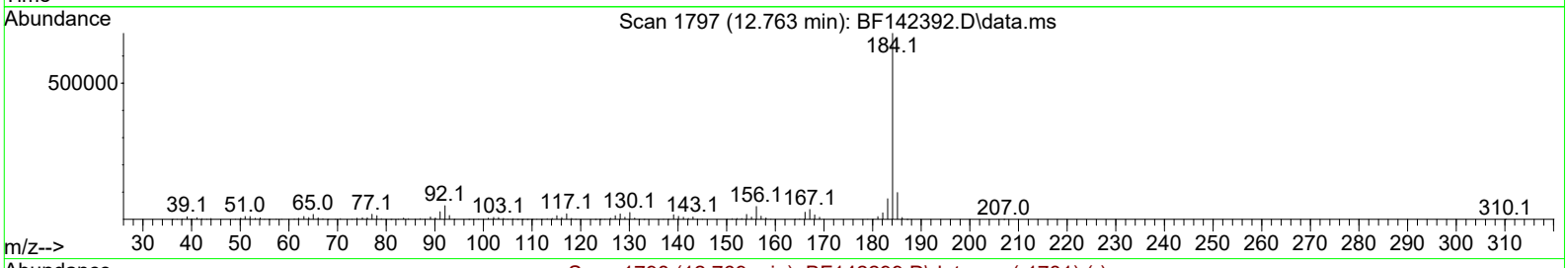
Sample Results: **BF142392.D**

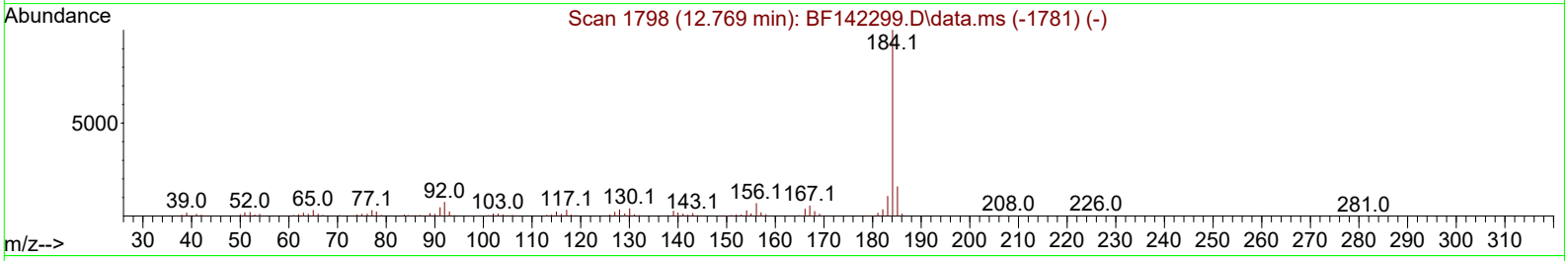
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142392.D
Acq On : 15 May 2025 14:27
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 16 04:25:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration







TIC: BF142392.D\data.ms

(77) Benzidine

12.763min (-0.006) 26584.19 ng

response 910179

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.45
183.00	10.70	11.08
0.00	0.00	0.00

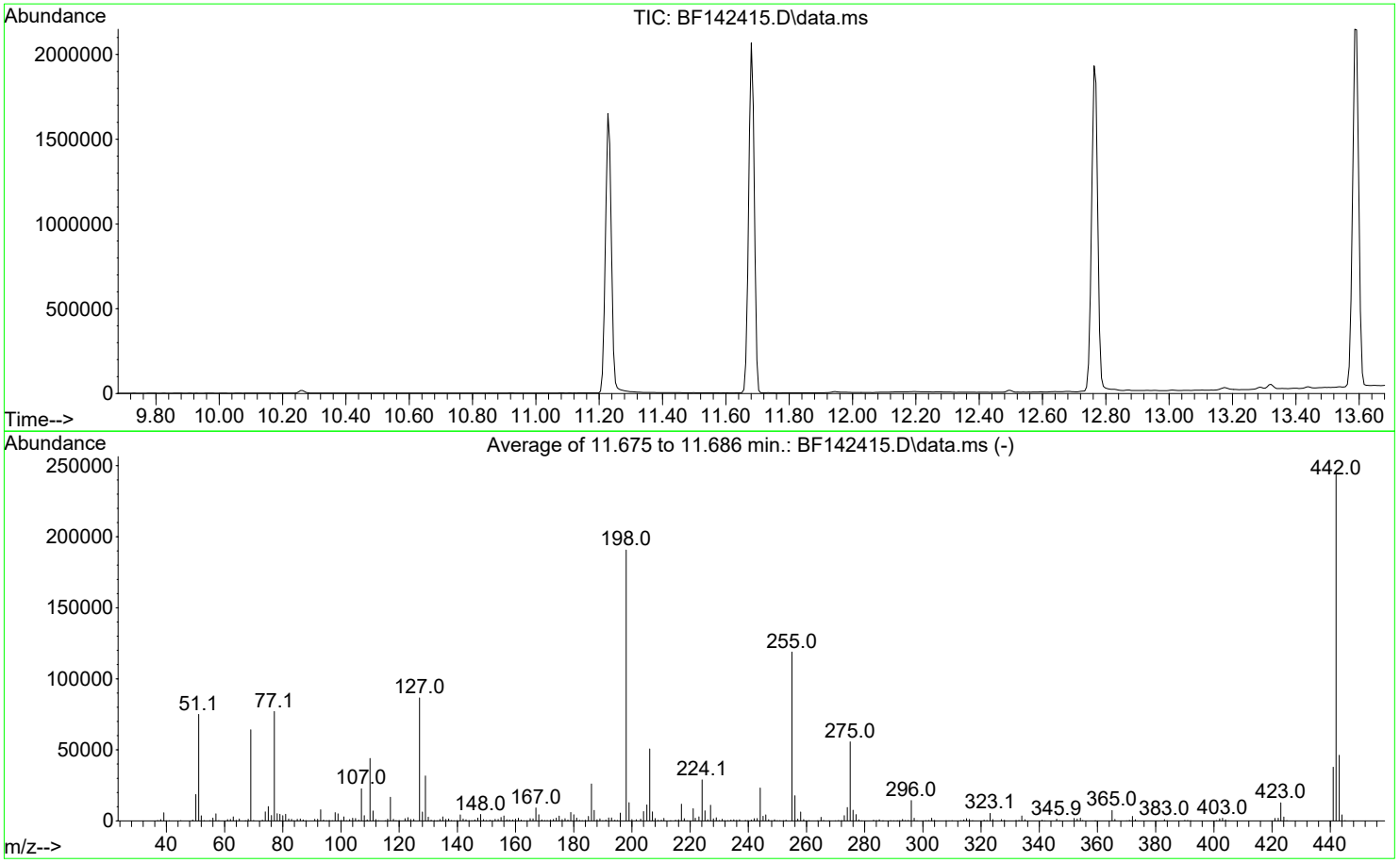
Sample Results: **BF142415.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142415.D
Acq On : 16 May 2025 09:16
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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon May 05 18:41:44 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	39.3	74965	PASS
68	69	0.00	2	1.8	1180	PASS
69	198	0.00	100	33.6	64124	PASS
70	69	0.00	2	0.5	327	PASS
127	198	10	80	45.4	86573	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	190699	PASS
199	198	5	9	6.8	12901	PASS
275	198	10	60	29.2	55699	PASS
365	198	1	100	3.9	7361	PASS
441	198	0.01	100	19.8	37803	PASS
442	442	50	100	100.0	244203	PASS
443	442	15	24	18.9	46171	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/16/2025	BNA_F	BF142415.D
Compound Name	**Response**	**Retention Time**
DDT	577011	13.592
DDD	9476	13.322
DDE	405	12.951
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
9881	586892	1.68

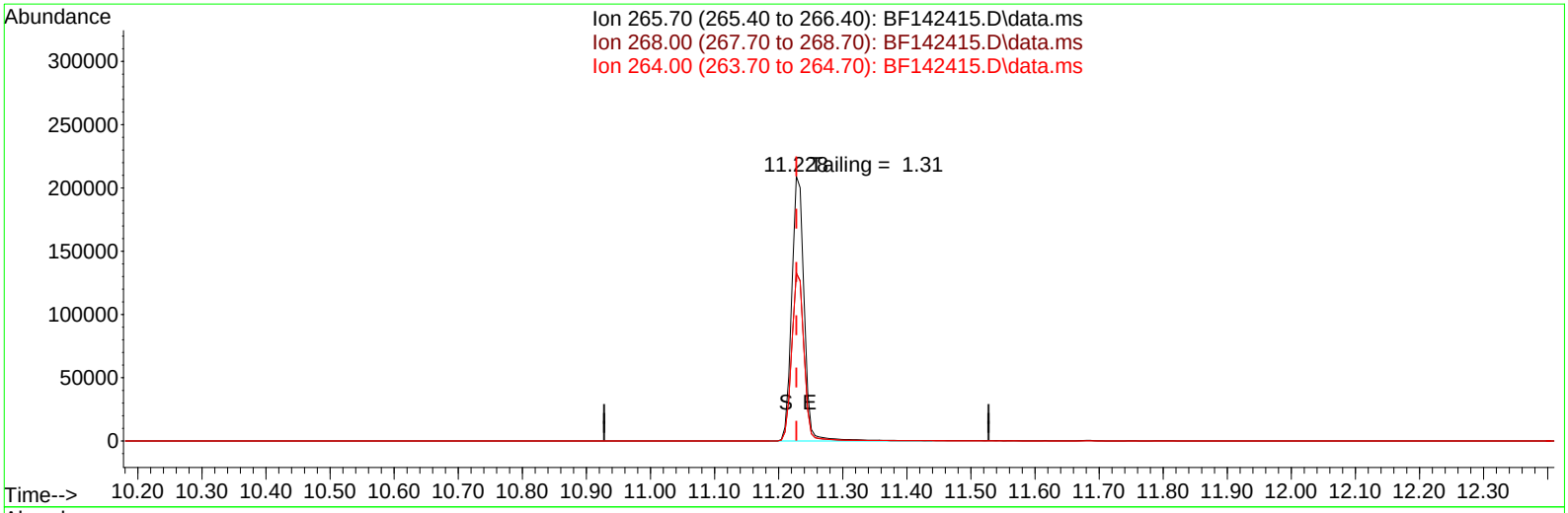
Instrument :
BNA_F
ClientSampleId :
DFTPP

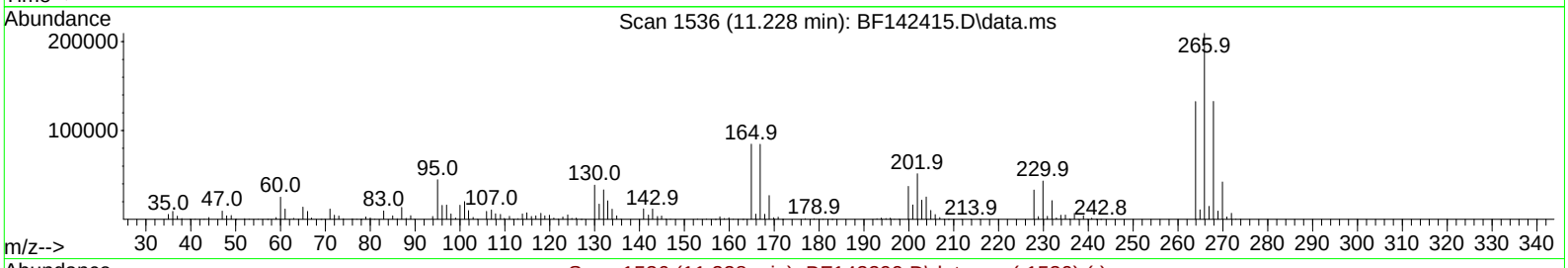
Sample Results: **BF142415.D**

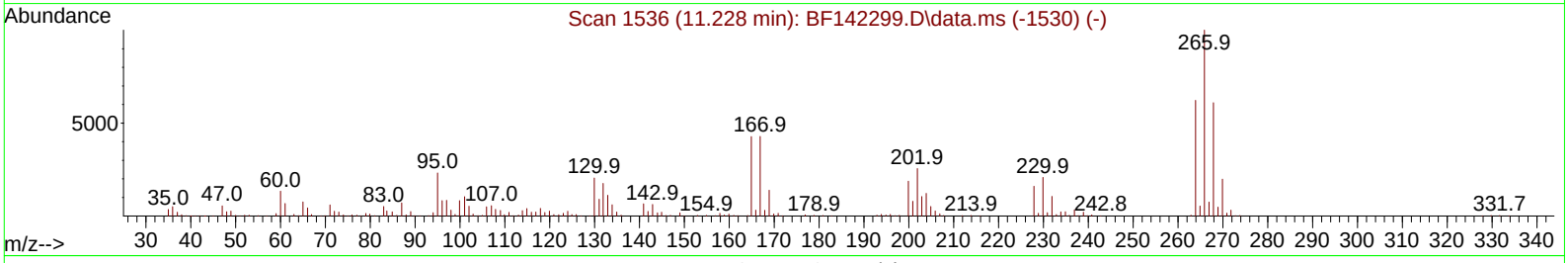
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142415.D
Acq On : 16 May 2025 09:16
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 16 12:07:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration







TIC: BF142415.D\data.ms

(70) Pentachlorophenol (C)

11.228min (-0.000) 104520.37 ng

response 282413

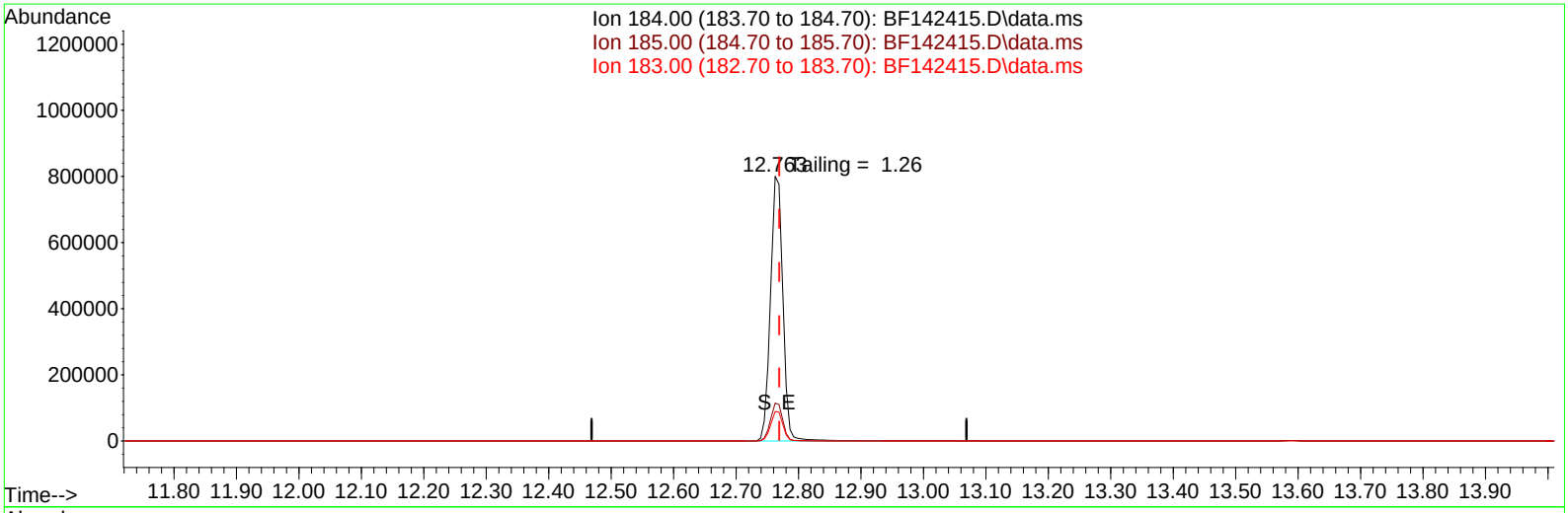
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	60.90	63.46
264.00	62.20	63.36
0.00	0.00	0.00

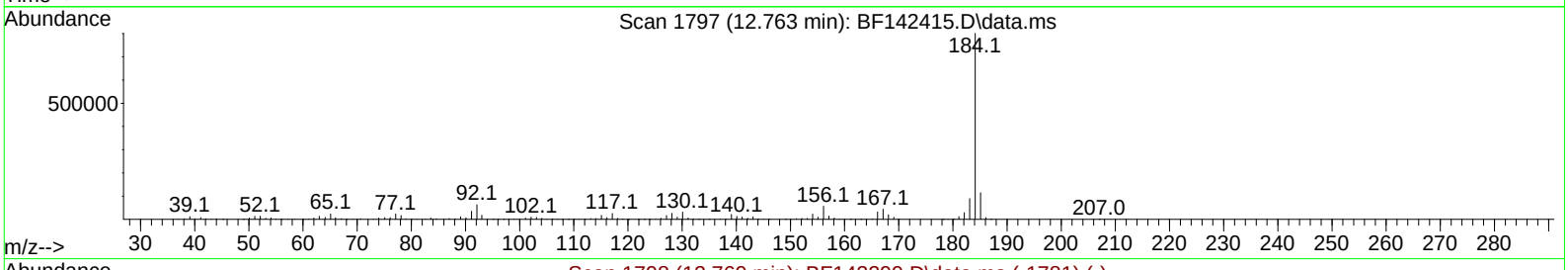
Sample Results: **BF142415.D**

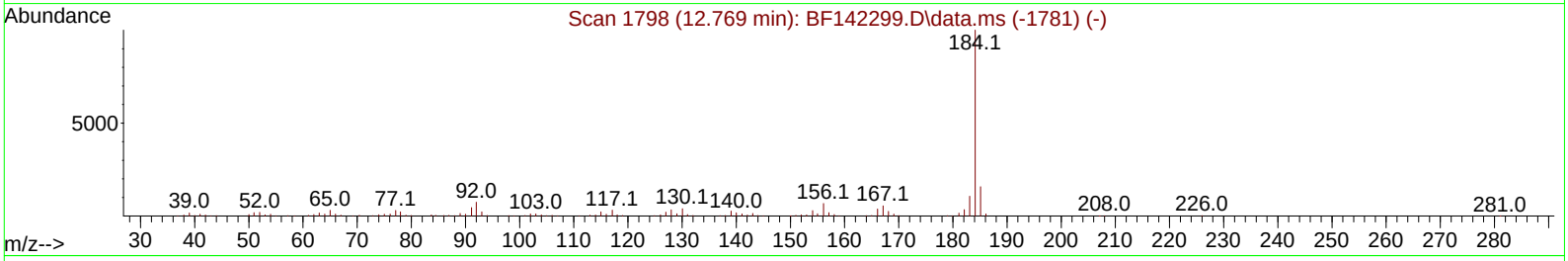
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142415.D
Acq On : 16 May 2025 09:16
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 16 12:07:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration







TIC: BF142415.D\data.ms

(77) Benzidine

12.763min (-0.006) 92267.44 ng

response 1111692

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.34
183.00	10.70	11.15
0.00	0.00	0.00

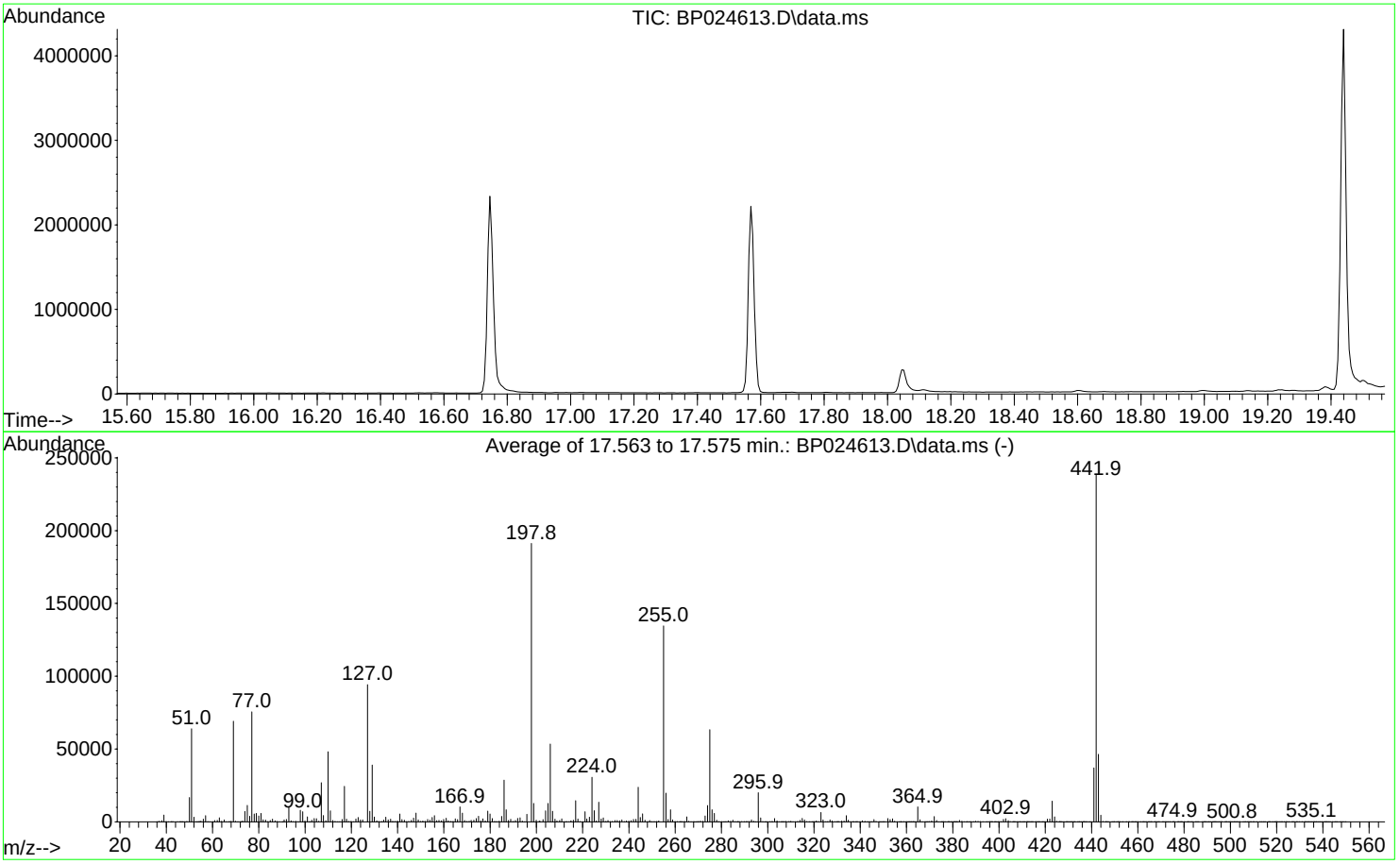
Sample Results: **BP024613.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024613.D
Acq On : 13 May 2025 10:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 13 16:21:39 2025



AutoFind: Scans 2461, 2462, 2463; Background Corrected with Scan 2449

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	33.5	63968	PASS
68	69	0.00	2	0.6	438	PASS
69	198	0.00	100	36.2	69152	PASS
70	69	0.00	2	0.6	419	PASS
127	198	10	80	49.3	94192	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	191223	PASS
199	198	5	9	6.6	12661	PASS
275	198	10	60	33.1	63293	PASS
365	198	1	100	5.4	10286	PASS
441	198	0.01	100	19.4	37080	PASS
442	442	100	100	100.0	238569	PASS
443	442	15	24	19.4	46397	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/13/2025	BNA_P	BP024613.D
Compound Name	**Response**	**Retention Time**
DDT	750509	20.716
DDD	13774	20.269
DDE	1248	19.733
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
15022	765531	1.96

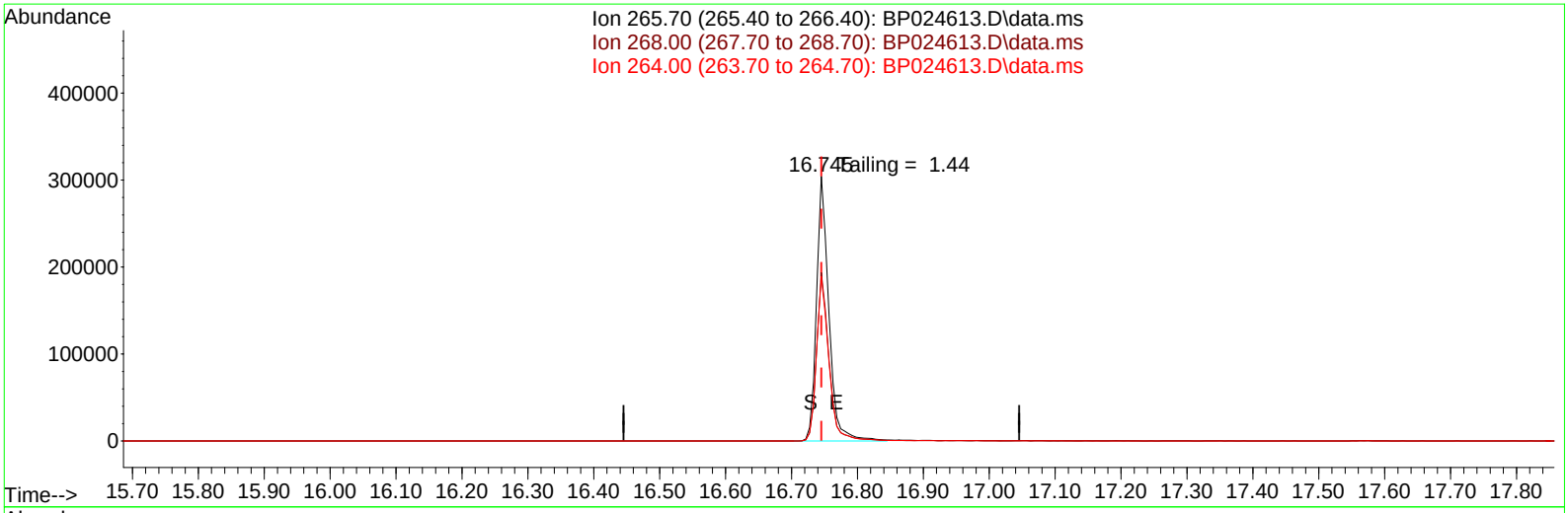
Instrument :
BNA_P
ClientSampleId :
DFTPP

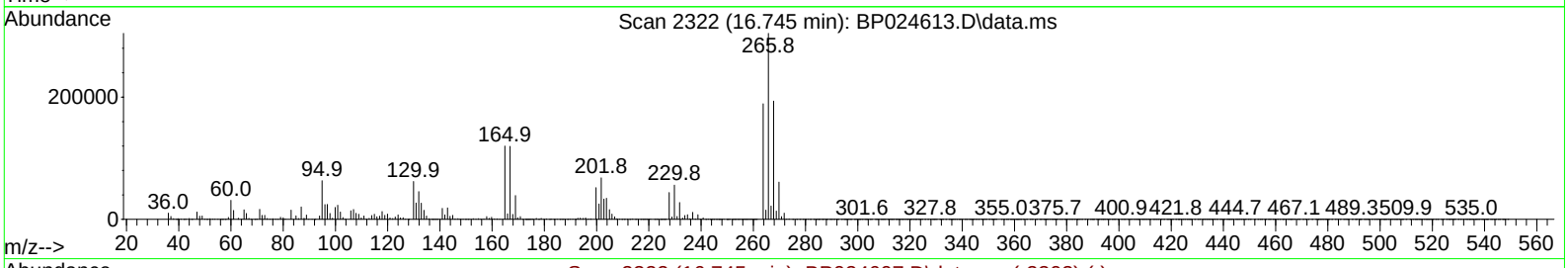
Sample Results: **BP024613.D**

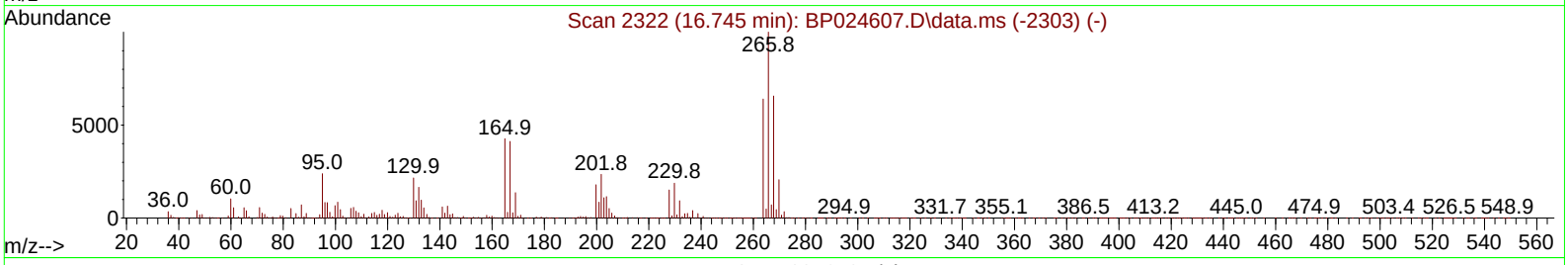
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024613.D
Acq On : 13 May 2025 10:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 13 12:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 12:28:24 2025
Response via : Initial Calibration







TIC: BP024613.D\data.ms

(70) Pentachlorophenol (C)

16.745min (-0.000) 42670.46 ng

response 398426

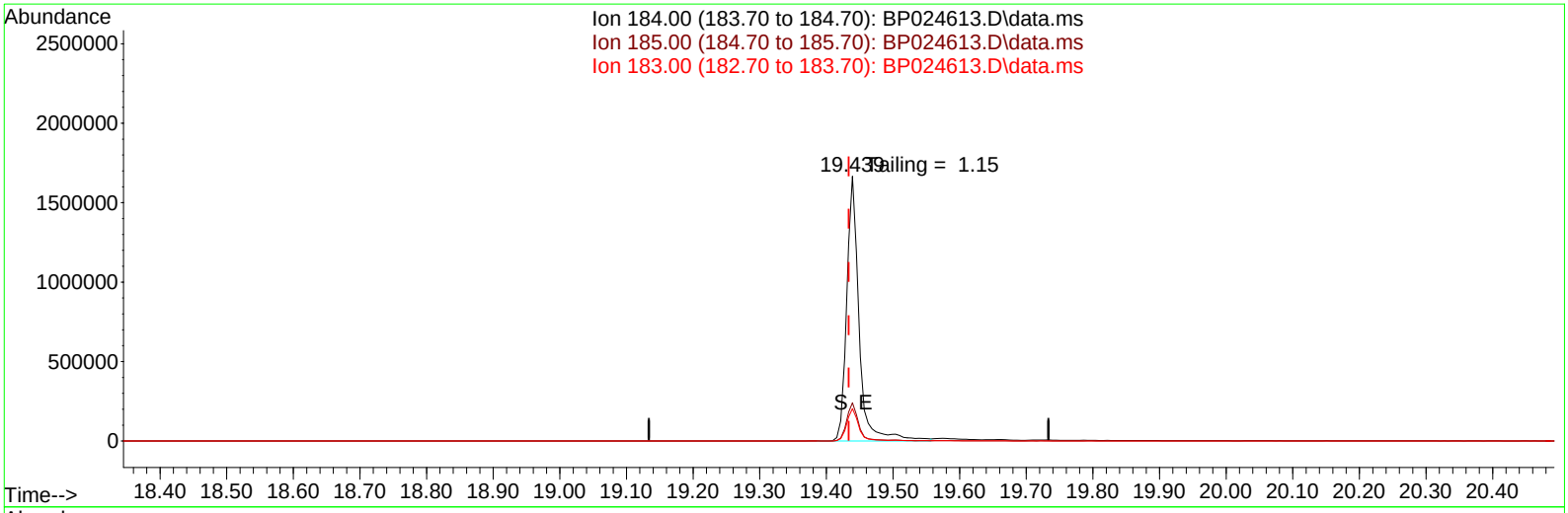
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.60	63.59
264.00	64.00	62.12
0.00	0.00	0.00

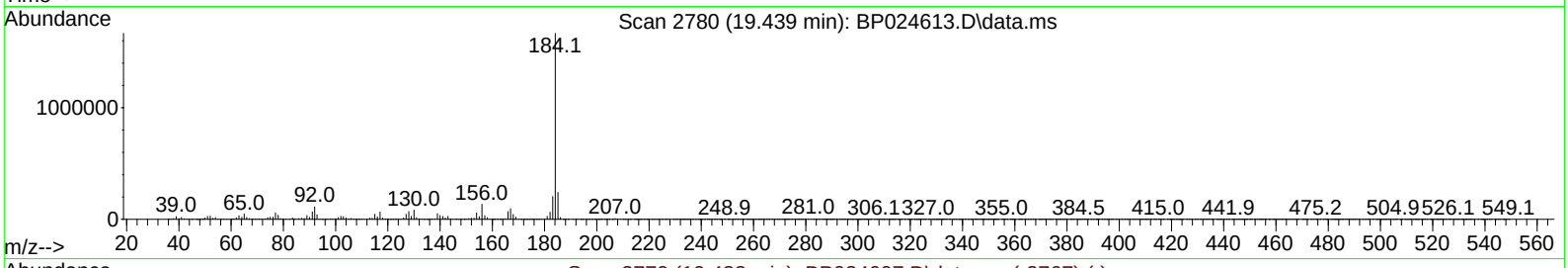
Sample Results: **BP024613.D**

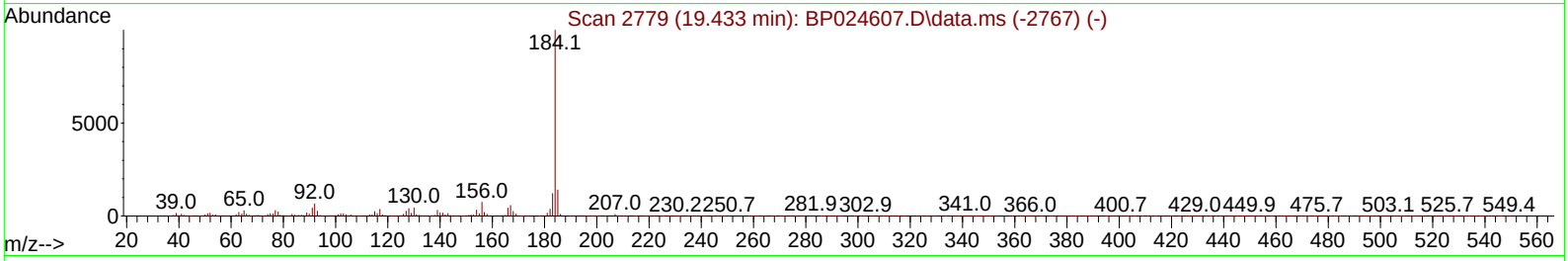
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024613.D
Acq On : 13 May 2025 10:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 13 12:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 12:28:24 2025
Response via : Initial Calibration







TIC: BP024613.D\data.ms

(77) Benzidine

19.439min (+ 0.006) 5637.89 ng

response 2074486

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.46
183.00	12.10	12.23
0.00	0.00	0.00

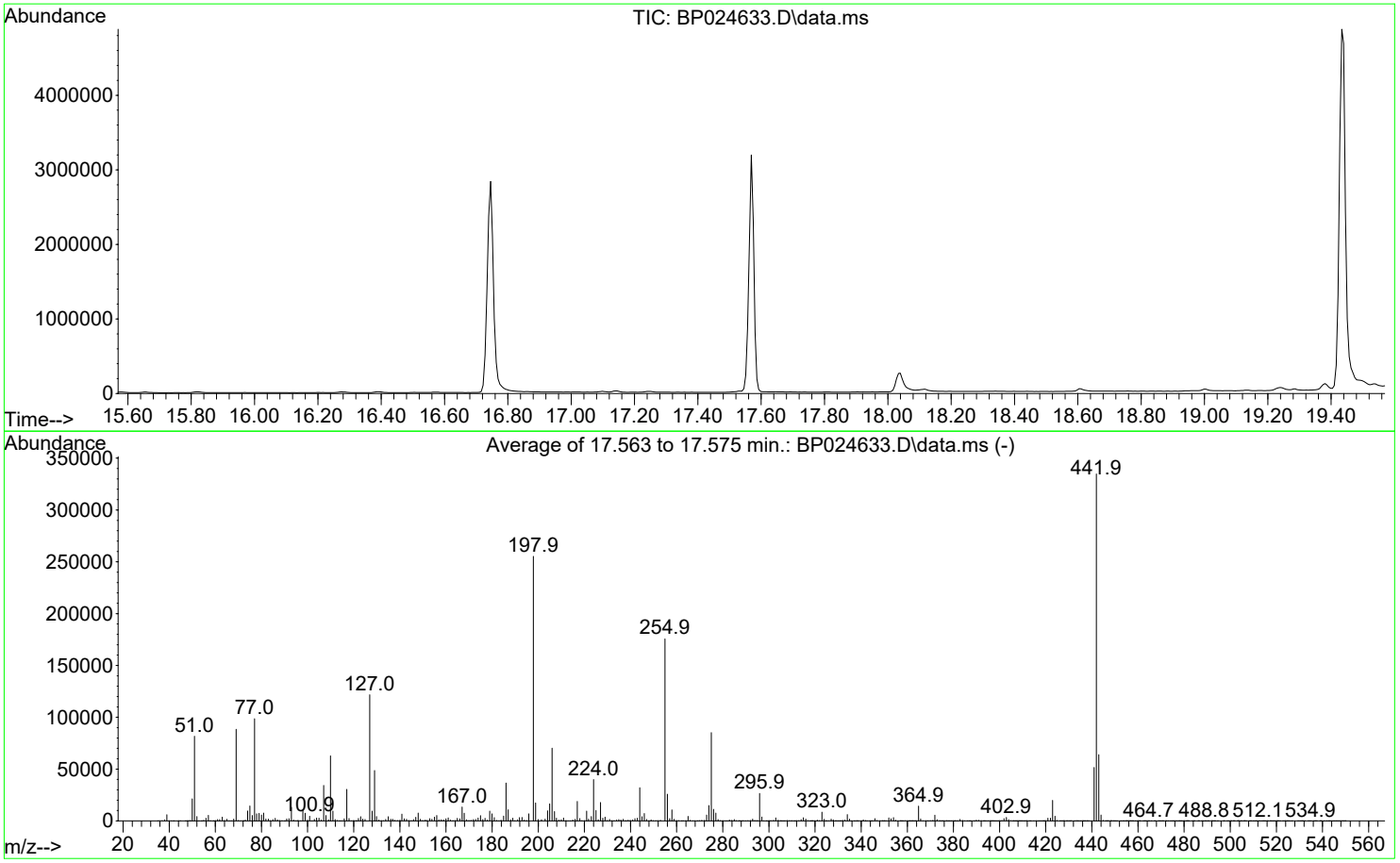
Sample Results: **BP024633.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024633.D
Acq On : 15 May 2025 11:44
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 13 16:21:39 2025



AutoFind: Scans 2461, 2462, 2463; Background Corrected with Scan 2450

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	32.0	81645	PASS
68	69	0.00	2	1.9	1680	PASS
69	198	0.00	100	34.7	88475	PASS
70	69	0.00	2	0.5	470	PASS
127	198	10	80	47.7	121754	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	255334	PASS
199	198	5	9	6.8	17403	PASS
275	198	10	60	33.3	85133	PASS
365	198	1	100	5.6	14303	PASS
441	198	0.01	100	20.2	51620	PASS
442	442	100	100	100.0	334783	PASS
443	442	15	24	19.1	63921	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/15/2025	BNA_P	BP024633.D
Compound Name	**Response**	**Retention Time**
DDT	908054	20.728
DDD	22084	20.275
DDE	1154	19.822
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
23238	931292	2.50

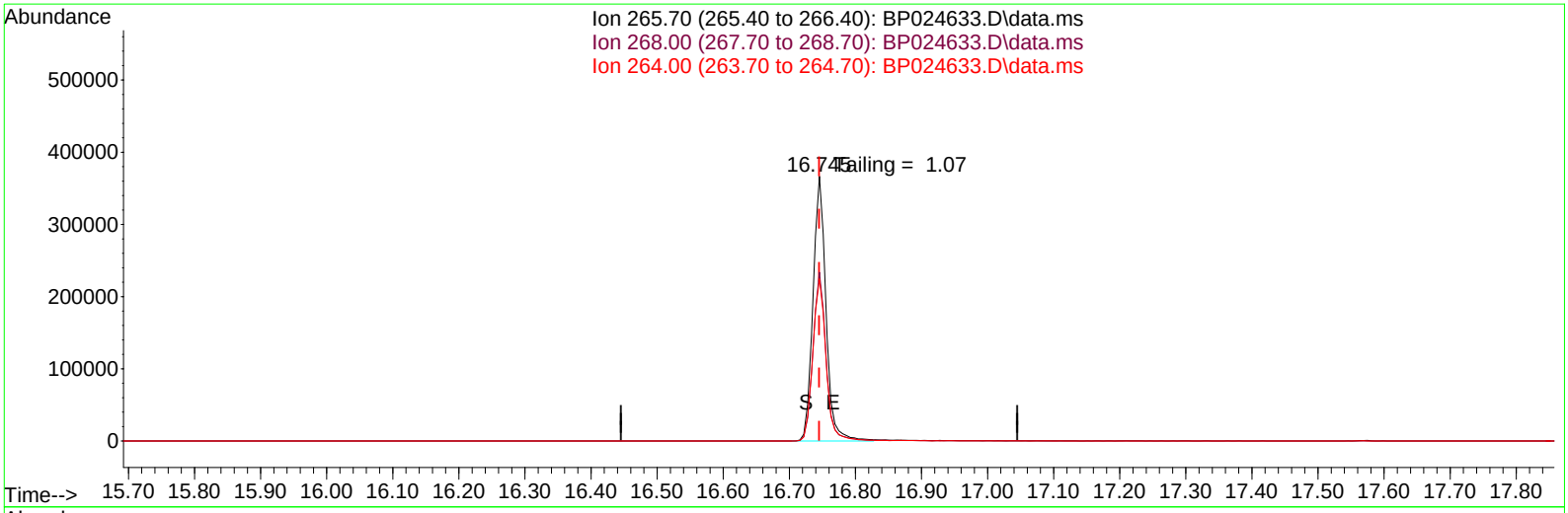
Instrument :
BNA_P
ClientSampleId :
DFTPP

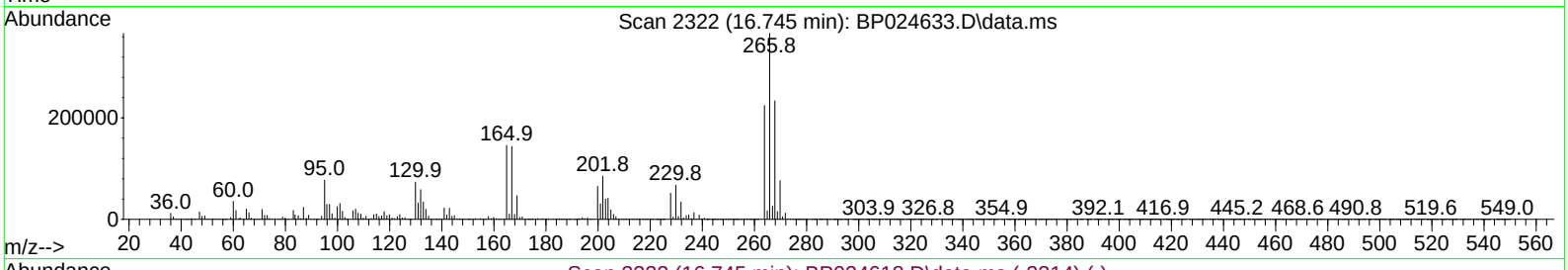
Sample Results: **BP024633.D**

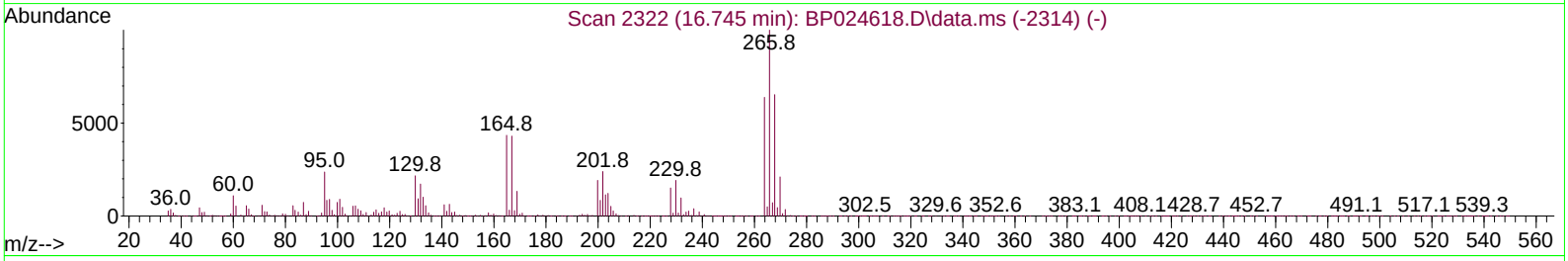
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024633.D
Acq On : 15 May 2025 11:44
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 15 13:40:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration







TIC: BP024633.D\data.ms

(70) Pentachlorophenol (C)

16.745min (+ 0.000) 9498.09 ng

response 503182

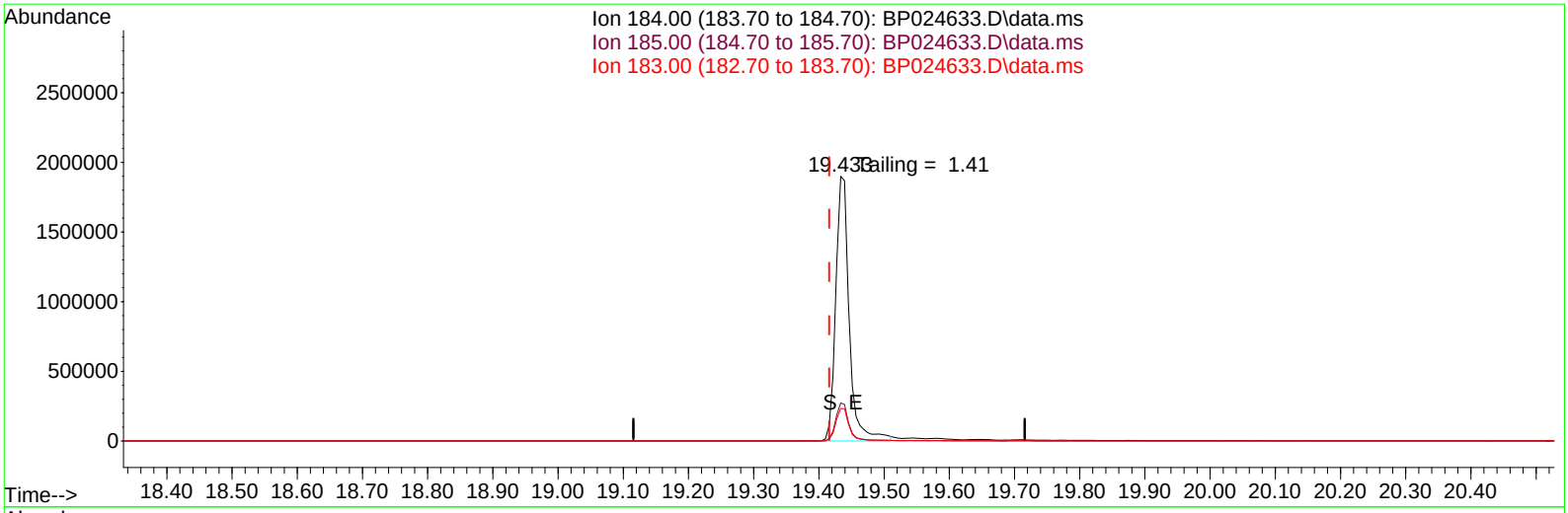
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.30	63.72
264.00	63.90	61.21
0.00	0.00	0.00

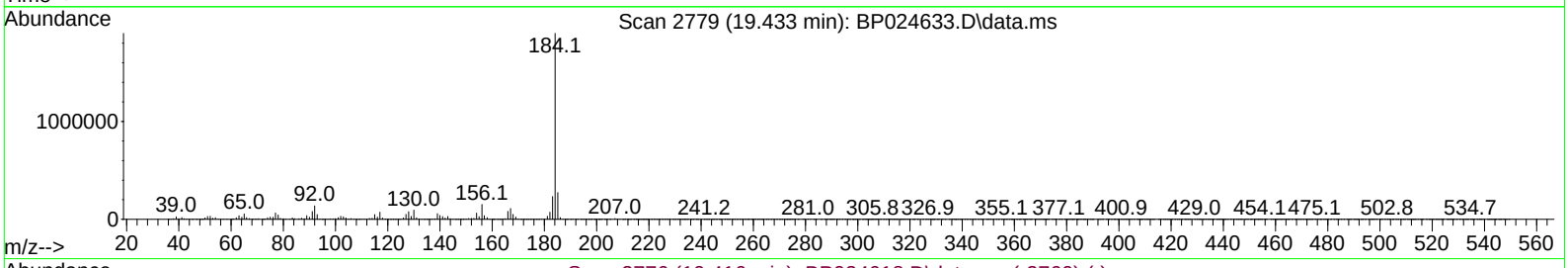
Sample Results: **BP024633.D**

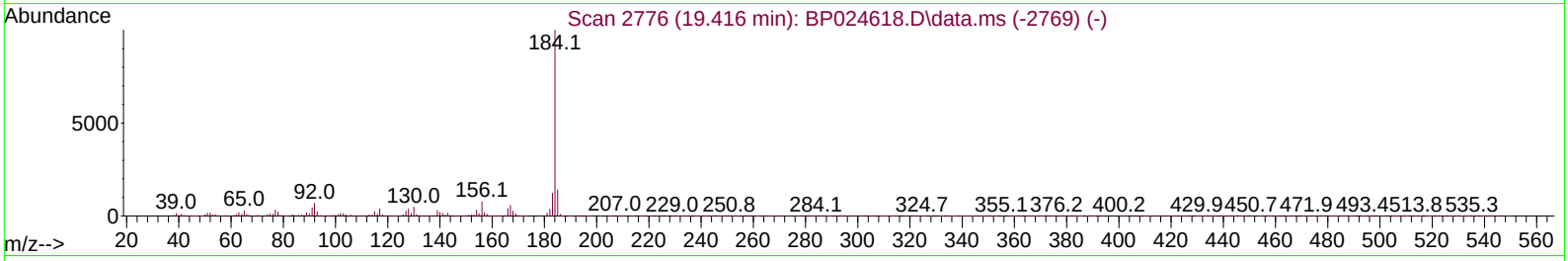
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024633.D
Acq On : 15 May 2025 11:44
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 15 13:40:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration







TIC: BP024633.D\data.ms

(77) Benzidine

19.433min (+ 0.017) 2596.29 ng

response 2759335

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.00	14.40
183.00	12.30	12.29
0.00	0.00	0.00

Raw Data: **BF142394.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167953BL	SDG No.:	Q1982
Lab Sample ID:	PB167953BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142394.D	1	05/12/25 09:38	05/15/25 16:10	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.1	U	58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.7	U	64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.0	U	52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Raw Data: **BF142394.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167953BL	SDG No.:	Q1982
Lab Sample ID:	PB167953BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142394.D	1	05/12/25 09:38	05/15/25 16:10	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.0	U	50.0	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.2	U	51.2	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.3	U	71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.1	U	59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.7	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Raw Data: **BF142394.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167953BL	SDG No.:	Q1982
Lab Sample ID:	PB167953BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142394.D	1	05/12/25 09:38	05/15/25 16:10	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	121		18 - 112	81%	SPK: 150
13127-88-3	Phenol-d6	118		15 - 107	79%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.6		18 - 107	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.0		20 - 109	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		10 - 116	88%	SPK: 150
1718-51-0	Terphenyl-d14	75.6		10 - 105	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	167000	6.898			
1146-65-2	Naphthalene-d8	652000	8.181			
15067-26-2	Acenaphthene-d10	344000	9.933			
1517-22-2	Phenanthrene-d10	581000	11.422			
1719-03-5	Chrysene-d12	341000	14.063			
1520-96-3	Perylene-d12	283000	15.551			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	310	A		5.14	ug/Kg

Raw Data: **BF142394.D**

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

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	South River WM Replacement			Date Received:	
Client Sample ID:	PB167953BL			SDG No.:	Q1982
Lab Sample ID:	PB167953BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142394.D	1	05/12/25 09:38	05/15/25 16:10	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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\BF051525\
Data File : BF142394.D
Acq On : 15 May 2025 16:10
Operator : RC/JU
Sample : PB167953BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167953BL

Quant Time: May 15 16:28:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

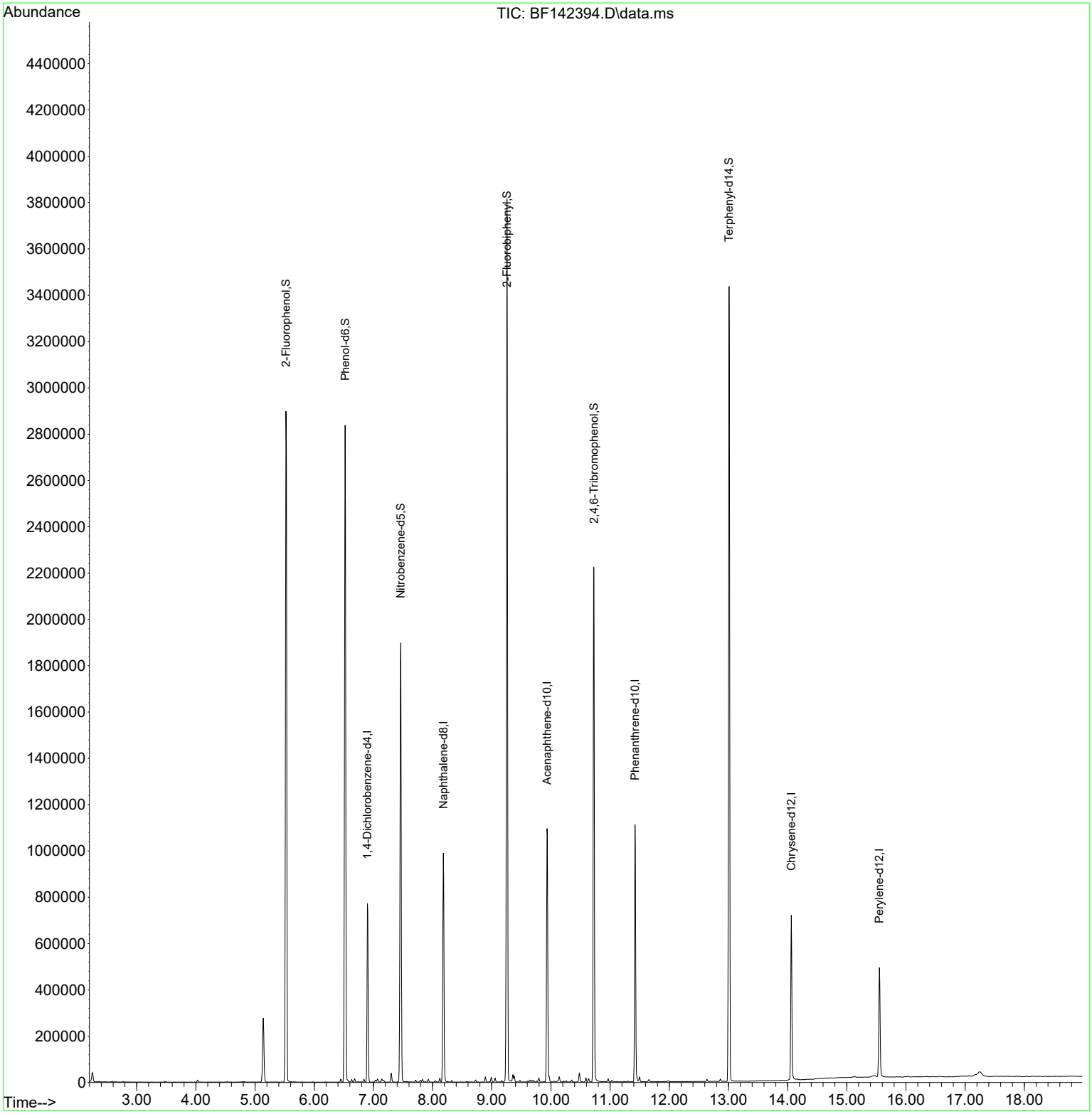
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	167151	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	651521	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	343903	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	581369	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	340684	20.000	ng	0.00
86) Perylene-d12	15.551	264	283265	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1185177	121.040	ng	0.01
7) Phenol-d6	6.522	99	1424873	118.316	ng	0.00
23) Nitrobenzene-d5	7.463	82	882042	82.566	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	438629	132.104	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1808294	74.975	ng	0.00
79) Terphenyl-d14	13.010	244	1741142	75.644	ng	0.00
Target Compounds						Qvalue

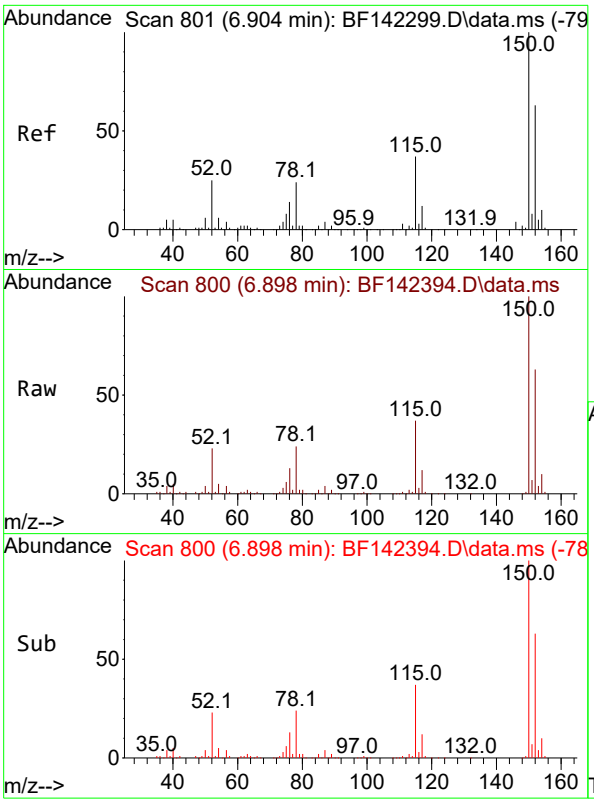
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142394.D
Acq On : 15 May 2025 16:10
Operator : RC/JU
Sample : PB167953BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167953BL

Quant Time: May 15 16:28:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



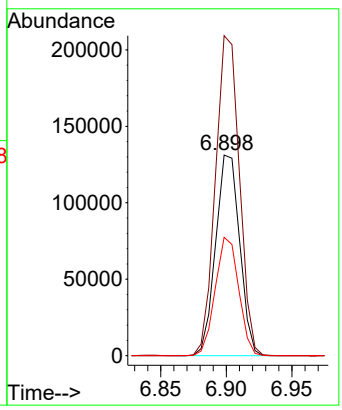


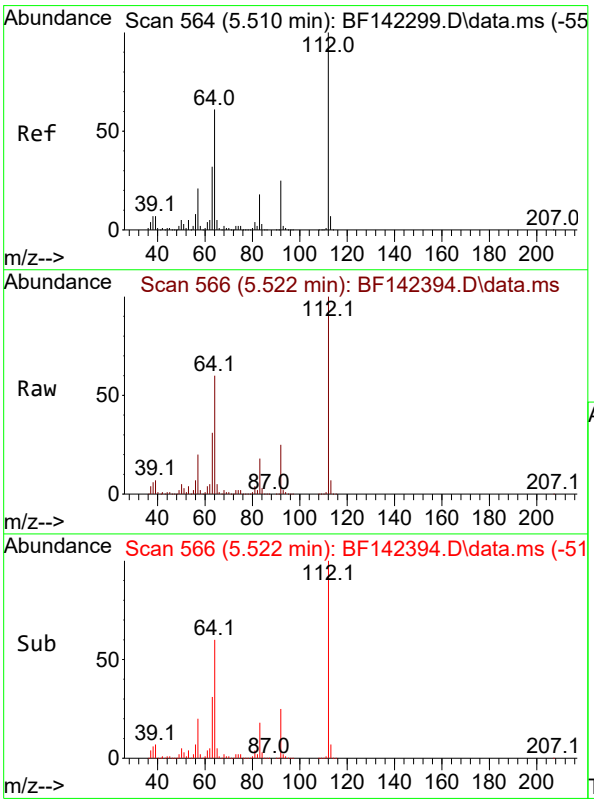
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Instrument :
BNA_F
ClientSampleId :
PB167953BL

Tgt Ion:152 Resp: 167151

Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.6	190.0
115	59.0	47.3	70.9

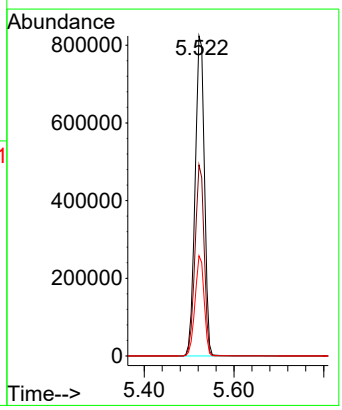


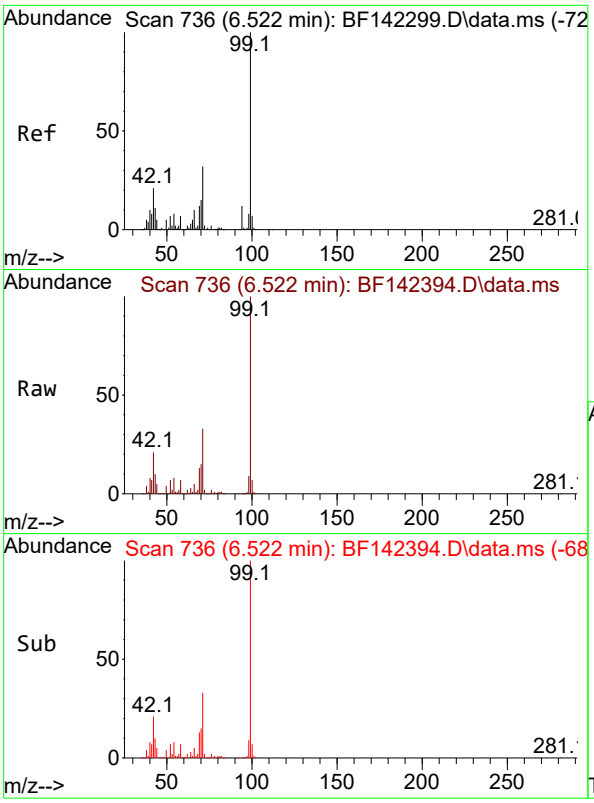


#5
2-Fluorophenol
Concen: 121.040 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion:112 Resp: 1185177

Ion	Ratio	Lower	Upper
112	100		
64	59.7	48.9	73.3
63	31.3	25.6	38.4



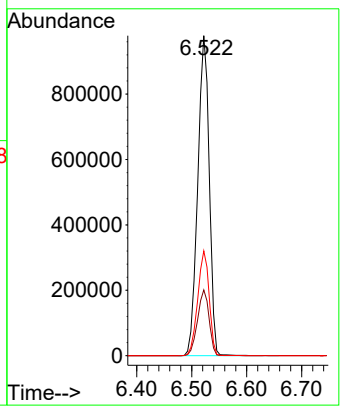


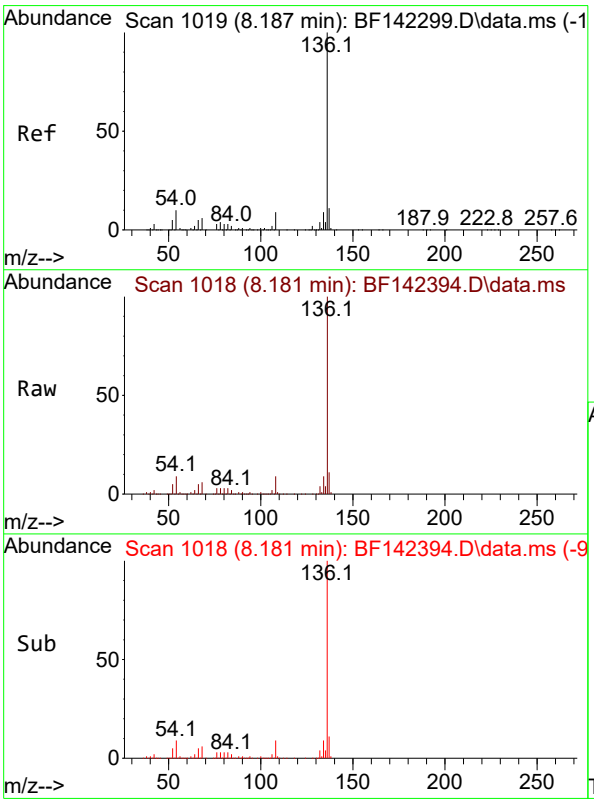
#7
Phenol-d6
Concen: 118.316 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Instrument :
BNA_F
ClientSampleId :
PB167953BL

Tgt Ion: 99 Resp: 1424873

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.0	25.4
71	32.8	25.8	38.8

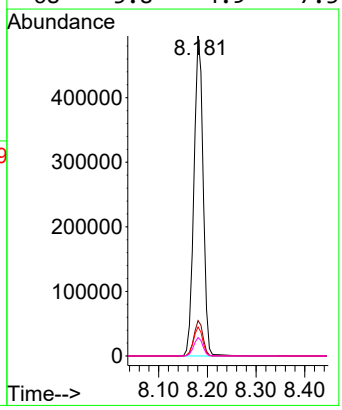


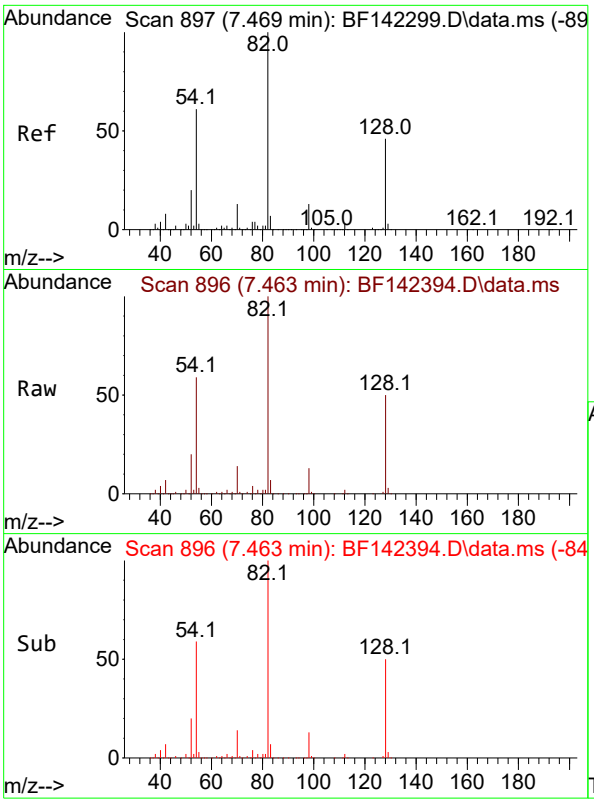


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion:136 Resp: 651521

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.1	7.7	11.5
68	5.8	4.9	7.3



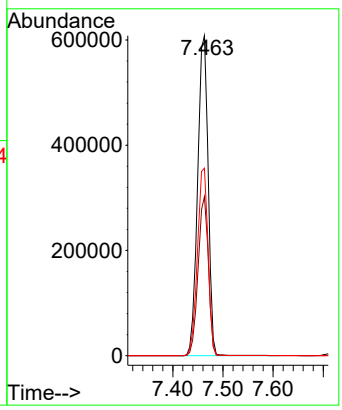


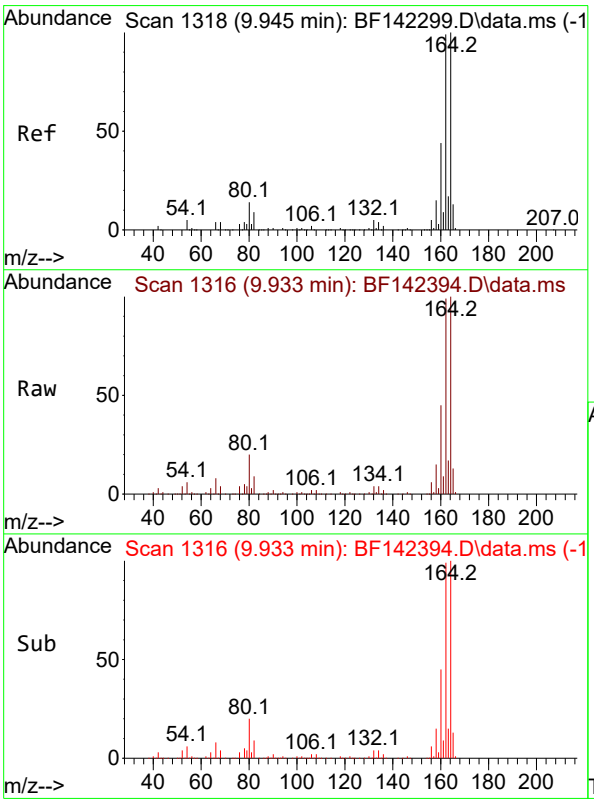
#23
Nitrobenzene-d5
Concen: 82.566 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Instrument :
BNA_F
ClientSampleId :
PB167953BL

Tgt Ion: 82 Resp: 882042

Ion	Ratio	Lower	Upper
82	100		
128	49.7	37.0	55.6
54	58.6	48.6	73.0

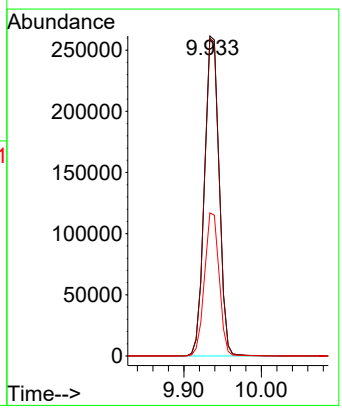


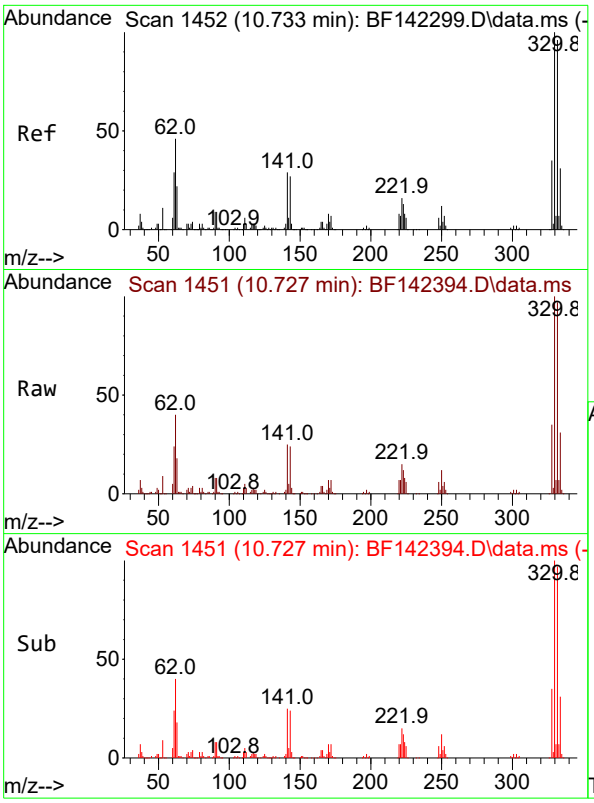


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion:164 Resp: 343903

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.2	118.8
160	44.7	35.3	52.9



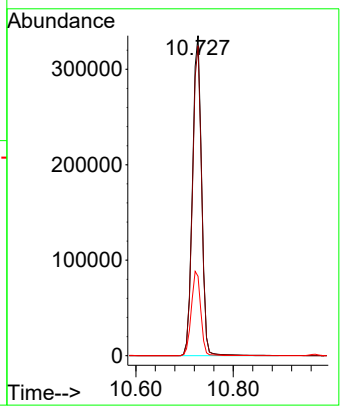


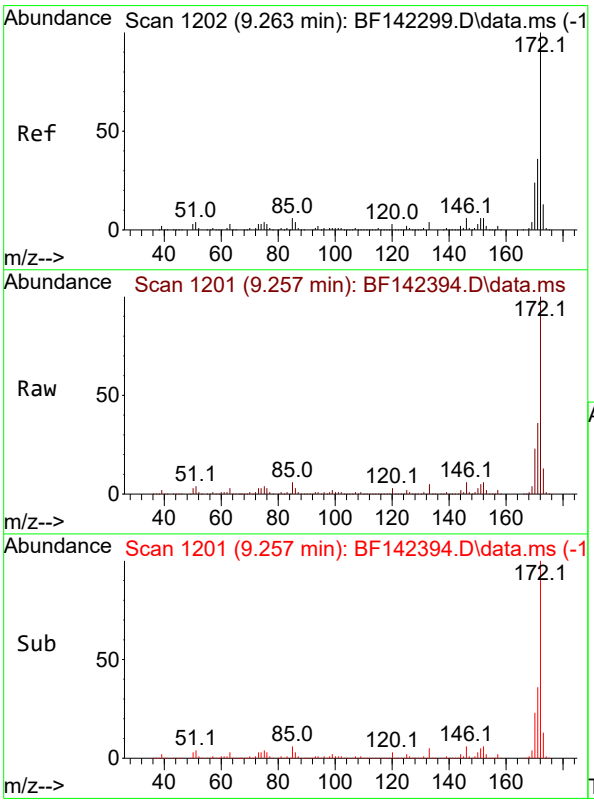
#42
2,4,6-Tribromophenol
Concen: 132.104 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Instrument :
BNA_F
ClientSampleId :
PB167953BL

Tgt Ion:330 Resp: 438629

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	27.3	24.9	37.3

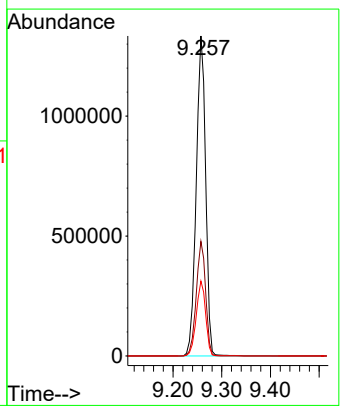


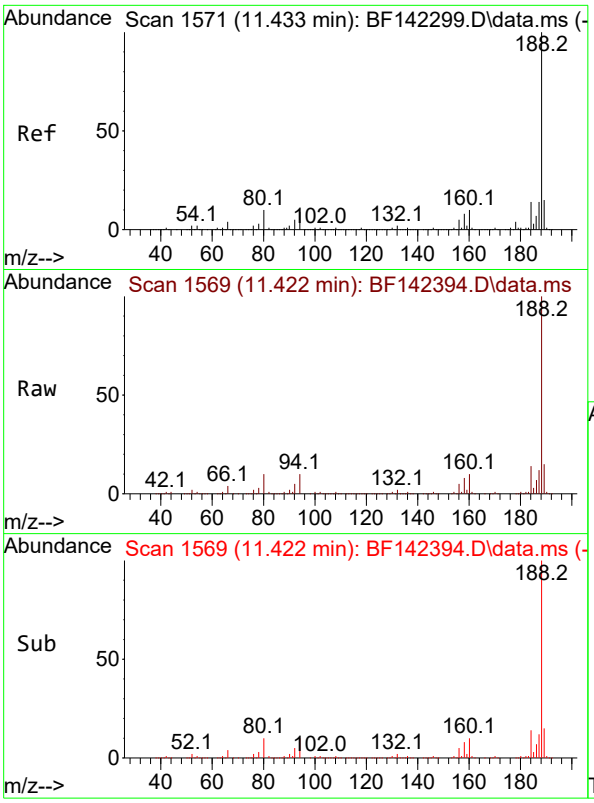


#45
2-Fluorobiphenyl
Concen: 74.975 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion:172 Resp: 1808294

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.4	19.0	28.4



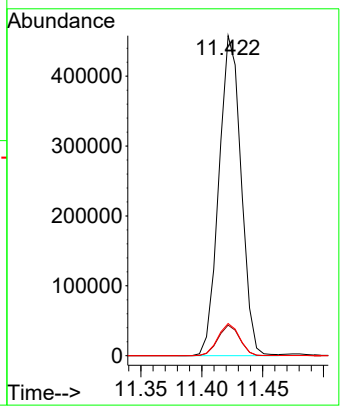


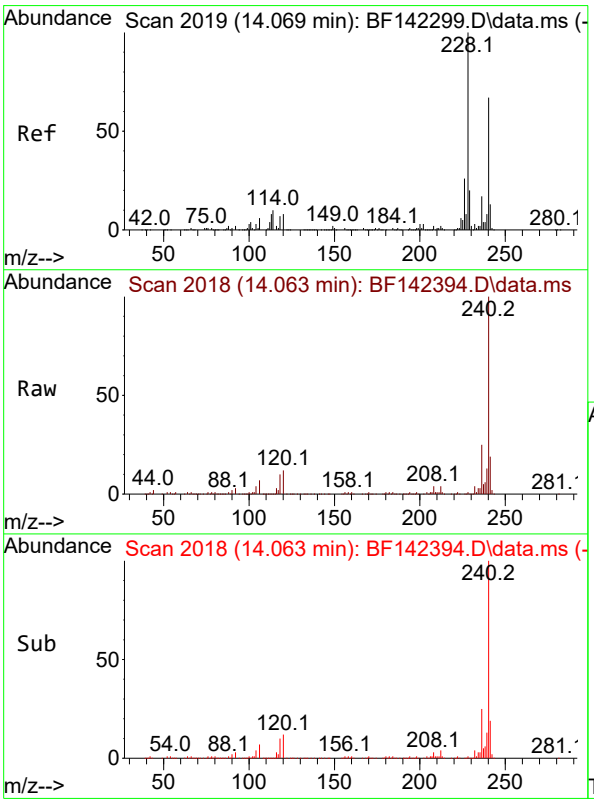
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Instrument :
BNA_F
ClientSampleId :
PB167953BL

Tgt Ion:188 Resp: 581369

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.5	11.3
80	10.1	7.9	11.9

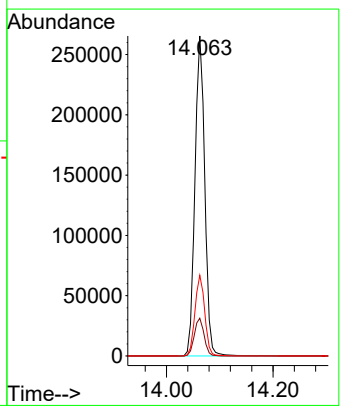


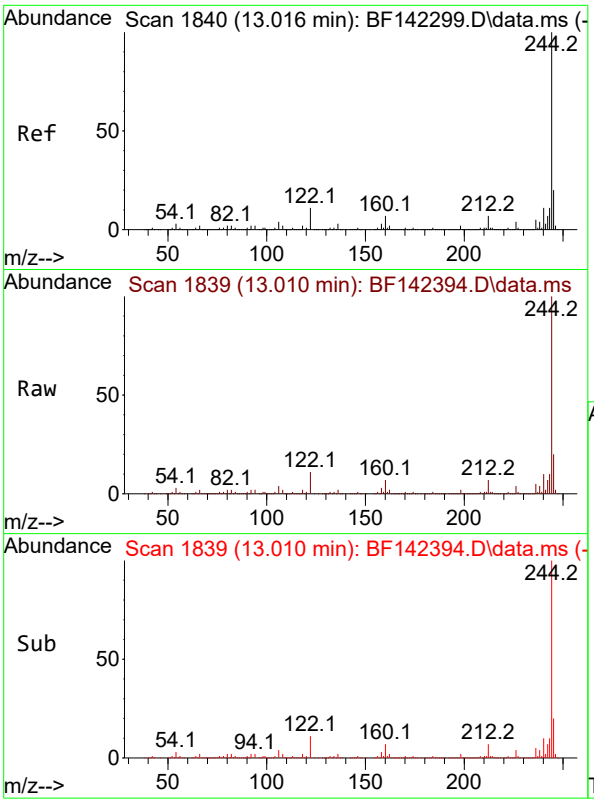


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion:240 Resp: 340684

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.7	14.5
236	25.2	20.0	30.0



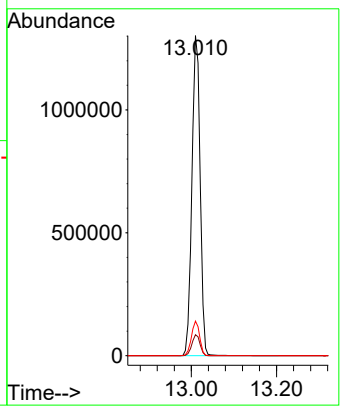


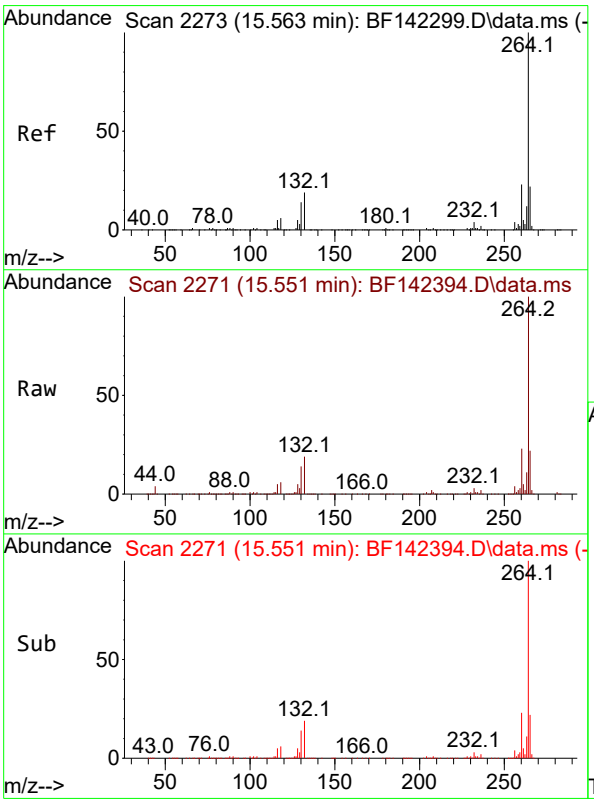
#79
Terphenyl-d14
Concen: 75.644 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Instrument :
BNA_F
ClientSampleId :
PB167953BL

Tgt Ion:244 Resp: 1741142

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.8	9.0	13.4

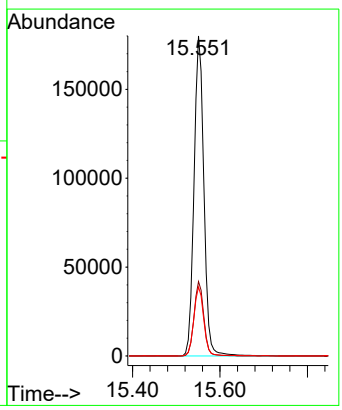




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion:264 Resp: 283265

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.5	17.5	26.3



Sample Results: **BF142394.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142394.D
Acq On : 15 May 2025 16:10
Operator : RC/JU
Sample : PB167953BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167953BL

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142394.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.252	3	10	17	rVB	39905	68812	1.35%	0.221%
2	5.140	493	501	511	rVB	276806	460850	9.05%	1.479%
3	5.522	559	566	572	rBV	2897316	4109379	80.71%	13.187%
4	6.522	729	736	741	rBV	2837527	4135768	81.22%	13.272%
5	6.898	795	800	808	rBV	771539	984056	19.33%	3.158%
6	7.298	863	868	876	rBV	37906	52266	1.03%	0.168%
7	7.463	889	896	901	rBV	1896056	2748694	53.98%	8.821%
8	8.181	1012	1018	1030	rBV	989680	1320148	25.93%	4.237%
9	9.257	1194	1201	1206	rBV	3809371	5091745	100.00%	16.340%
10	9.933	1311	1316	1321	rBV	1093822	1436726	28.22%	4.611%
11	10.480	1404	1409	1420	rBV2	36991	51855	1.02%	0.166%
12	10.722	1444	1450	1467	rBV	2222801	3066389	60.22%	9.840%
13	11.422	1564	1569	1577	rBV	1111118	1429258	28.07%	4.587%
14	13.010	1833	1839	1845	rBV	3432781	4547695	89.32%	14.594%
15	14.063	2012	2018	2030	rBV	709575	928731	18.24%	2.980%
16	15.551	2265	2271	2283	rBV	471168	728806	14.31%	2.339%

Sum of corrected areas: 31161178

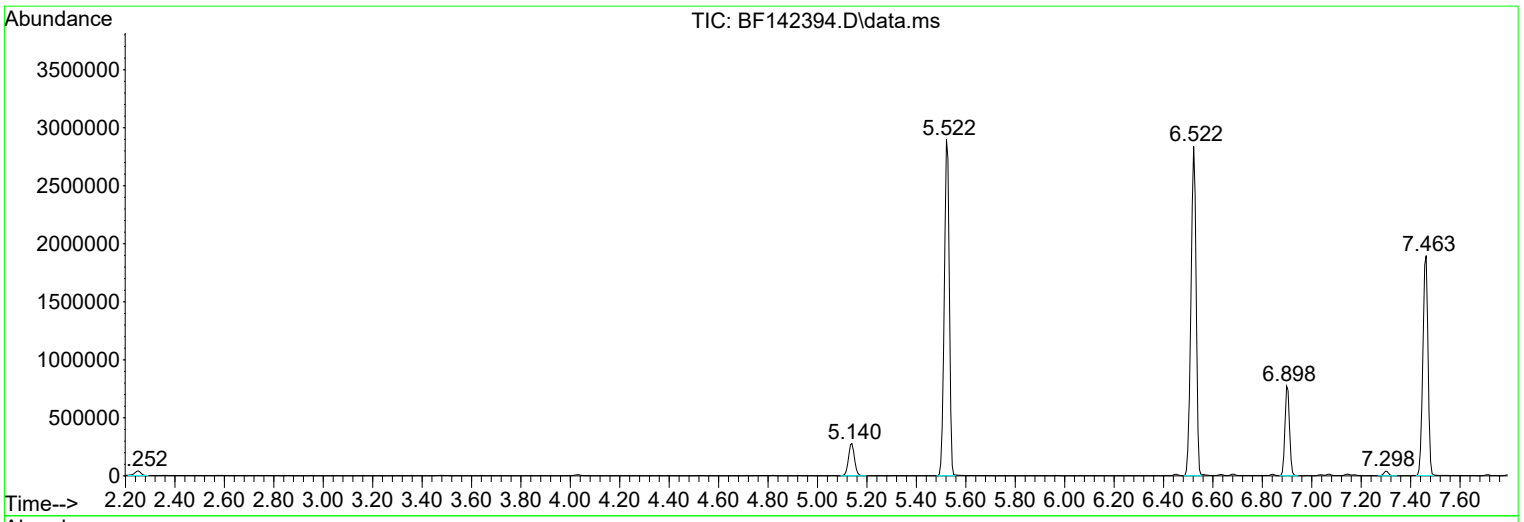
Sample Results: **BF142394.D**

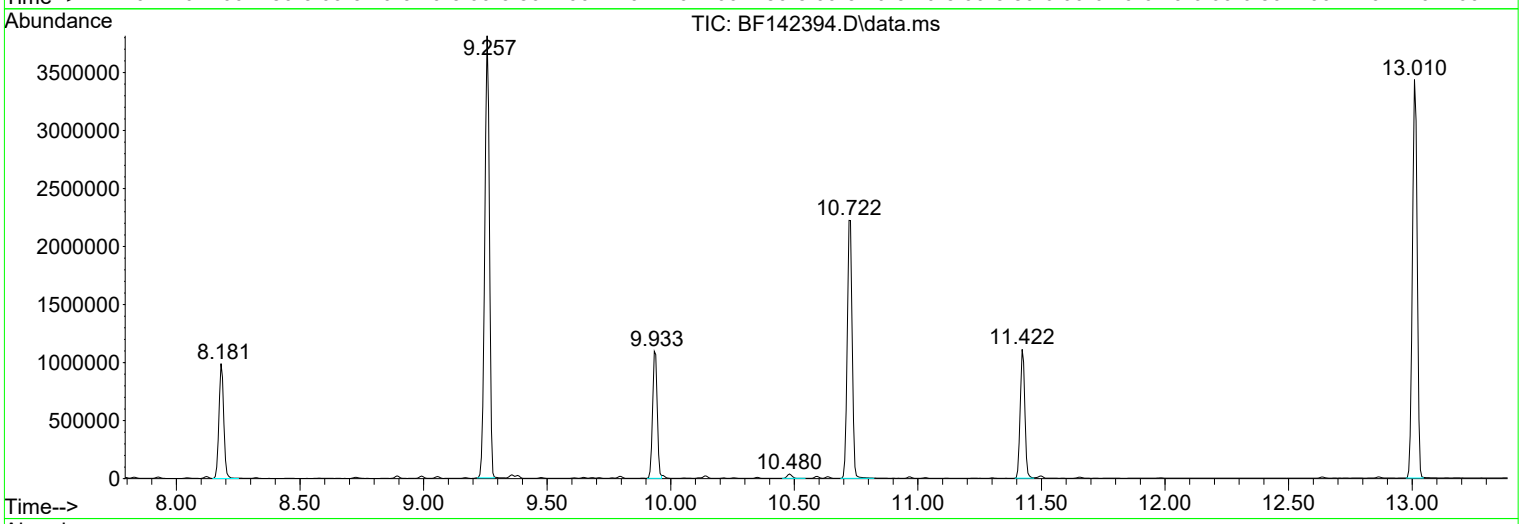
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142394.D
Acq On : 15 May 2025 16:10
Operator : RC/JU
Sample : PB167953BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

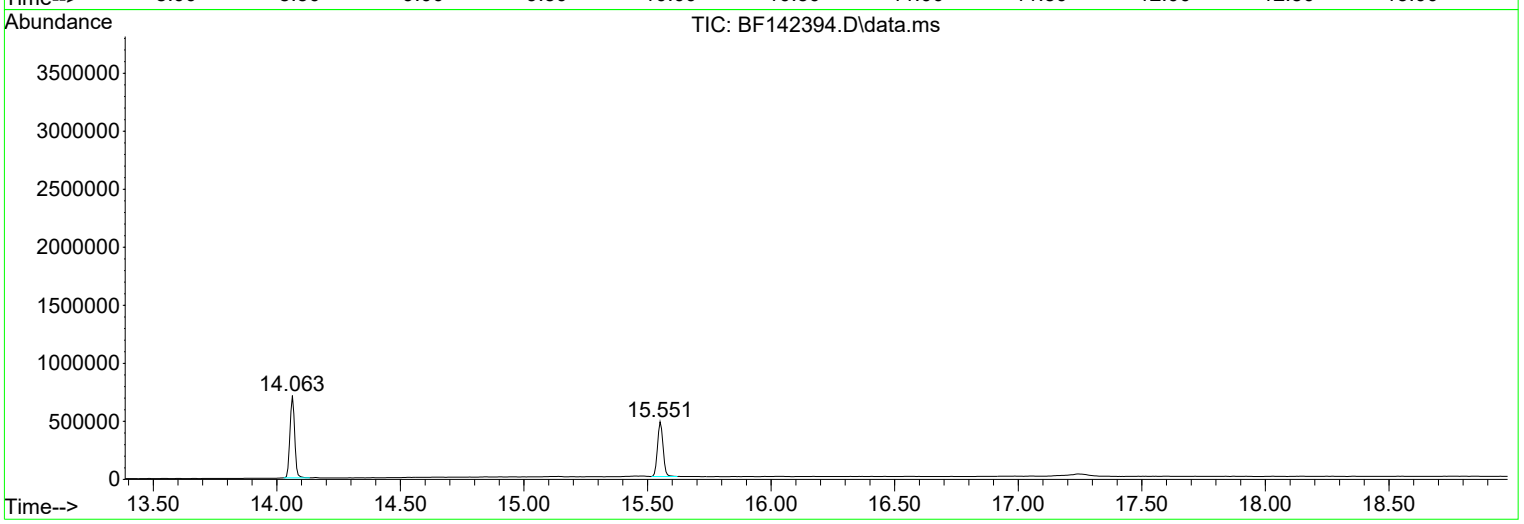
Instrument :
BNA_F
ClientSampleId :
PB167953BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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\BF051525\
Data File : BF142394.D
Acq On : 15 May 2025 16:10
Operator : RC/JU
Sample : PB167953BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167953BL

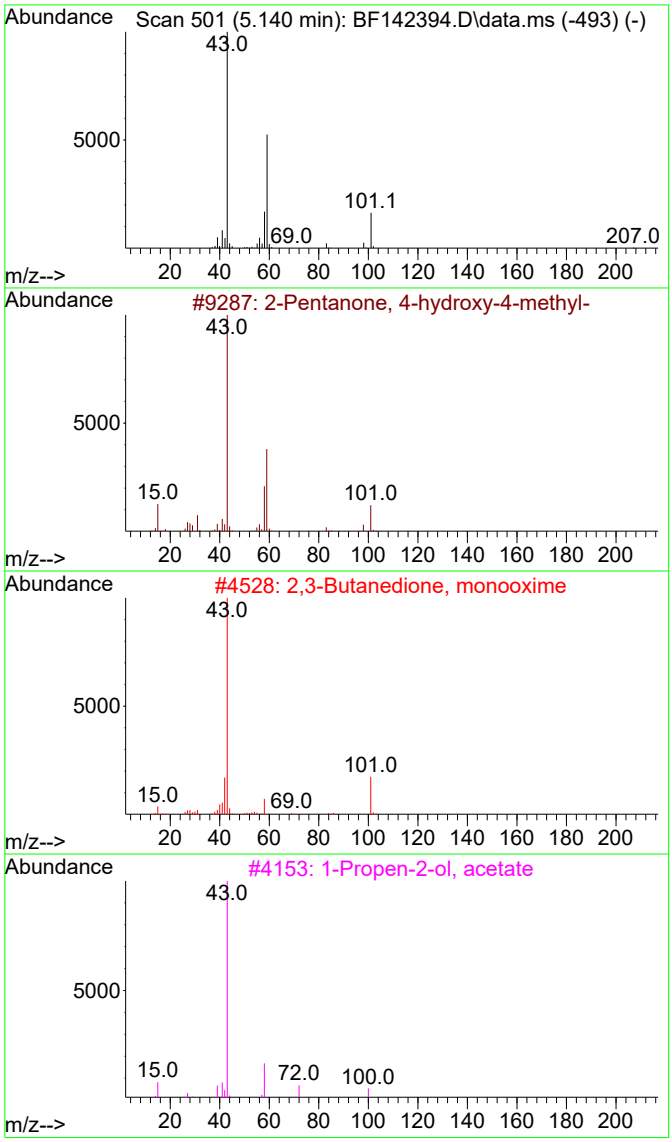
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

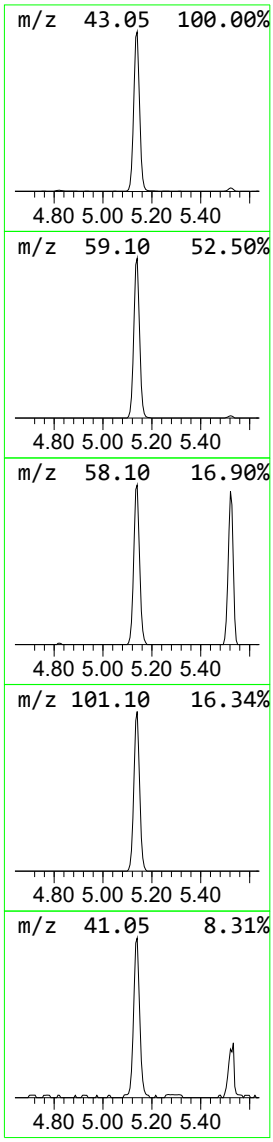
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.140	9.37 ng	460850	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Sample Results: **BF142394.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142394.D
Acq On : 15 May 2025 16:10
Operator : RC/JU
Sample : PB167953BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167953BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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-...	5.140	9.4	ng	460850	1	6.898	984056	20.0

Raw Data: **BP024635.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167973BL	SDG No.:	Q1982
Lab Sample ID:	PB167973BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024635.D	1	05/13/25 09:05	05/15/25 13:05	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	80.0	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Raw Data: **BP024635.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167973BL	SDG No.:	Q1982
Lab Sample ID:	PB167973BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024635.D	1	05/13/25 09:05	05/15/25 13:05	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.8	U	86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Raw Data: **BP024635.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167973BL	SDG No.:	Q1982
Lab Sample ID:	PB167973BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024635.D	1	05/13/25 09:05	05/15/25 13:05	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	144		18 - 112	96%	SPK: 150
13127-88-3	Phenol-d6	137		15 - 107	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.1		18 - 107	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.7		20 - 109	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		10 - 116	96%	SPK: 150
1718-51-0	Terphenyl-d14	84.5		10 - 105	85%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	146000	7.658			
1146-65-2	Naphthalene-d8	564000	10.434			
15067-26-2	Acenaphthene-d10	358000	14.293			
1517-22-2	Phenanthrene-d10	765000	17.087			
1719-03-5	Chrysene-d12	884000	21.516			
1520-96-3	Perylene-d12	966000	24.804			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	250	A		4.82	ug/Kg

Raw Data: **BP024635.D**

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

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	South River WM Replacement			Date Received:	
Client Sample ID:	PB167973BL			SDG No.:	Q1982
Lab Sample ID:	PB167973BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024635.D	1	05/13/25 09:05	05/15/25 13:05	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024635.D
Acq On : 15 May 2025 13:05
Operator : RC/JU
Sample : PB167973BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167973BL

Quant Time: May 15 13:42:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

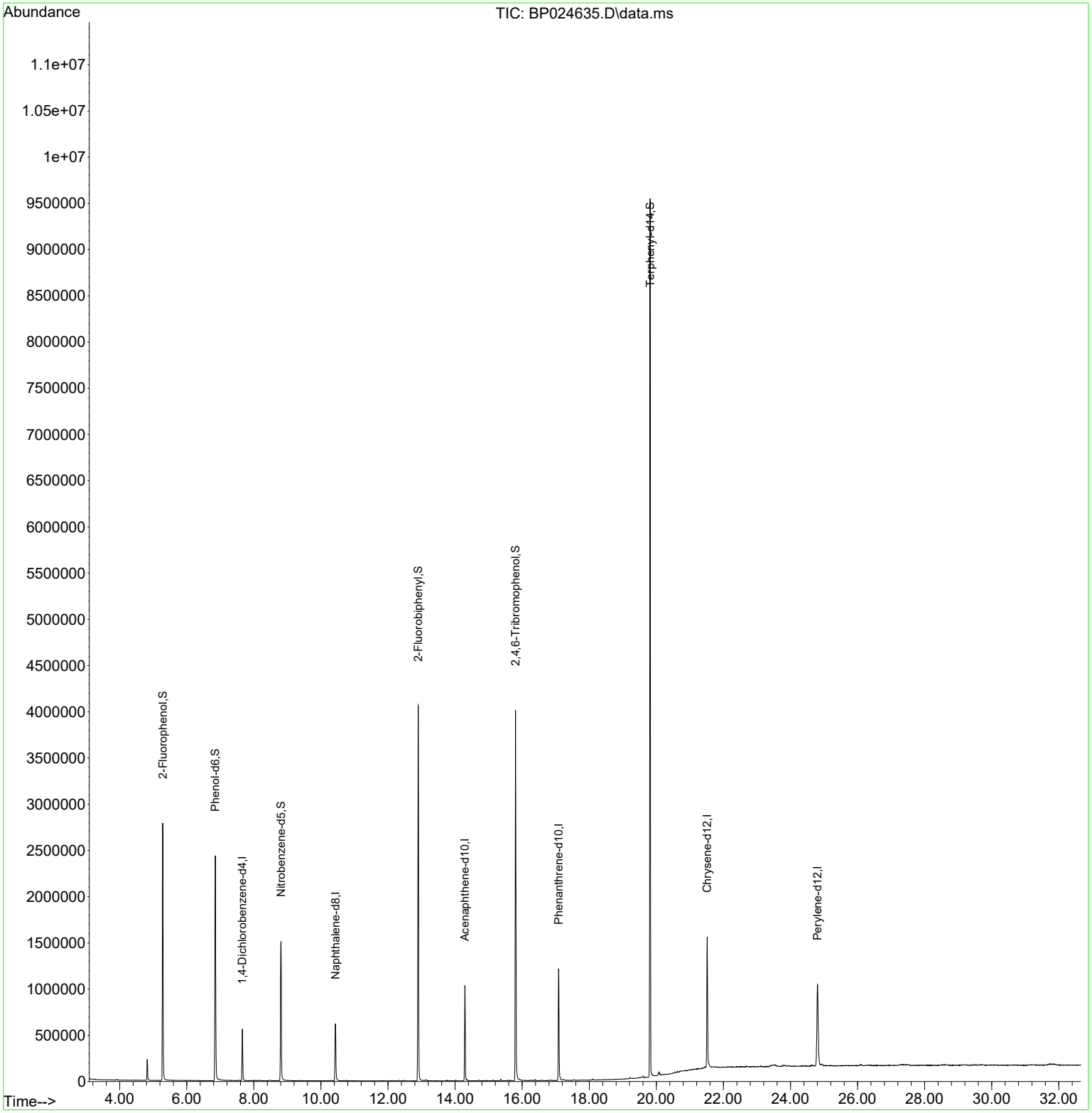
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	146276	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	564318	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	357828	20.000	ng	-0.01
64) Phenanthrene-d10	17.087	188	764705	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	884123	20.000	ng	0.00
86) Perylene-d12	24.804	264	966019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1227824	143.566	ng	0.00
7) Phenol-d6	6.852	99	1498528	137.290	ng	0.00
23) Nitrobenzene-d5	8.811	82	916951	82.100	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	871050	143.590	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2149900	78.715	ng	0.00
79) Terphenyl-d14	19.816	244	4357069	84.502	ng	0.00
Target Compounds						Qvalue

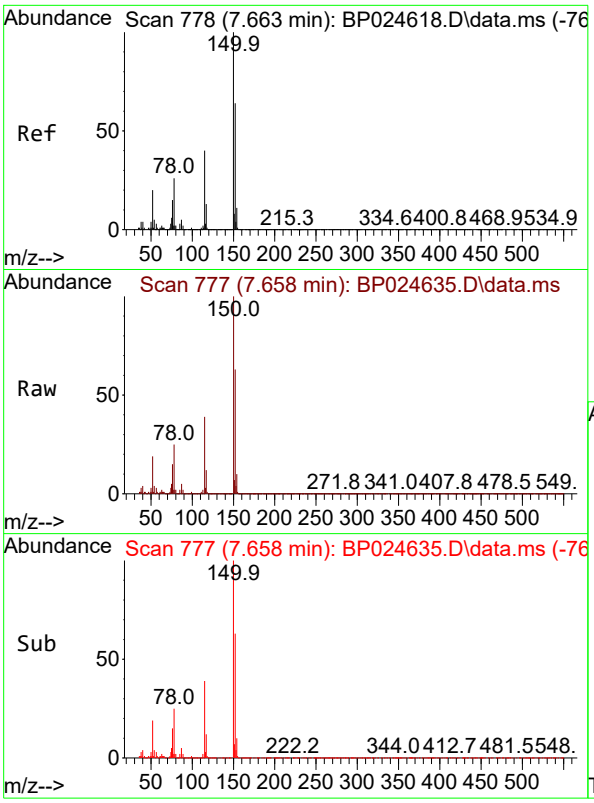
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024635.D
Acq On : 15 May 2025 13:05
Operator : RC/JU
Sample : PB167973BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167973BL

Quant Time: May 15 13:42:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



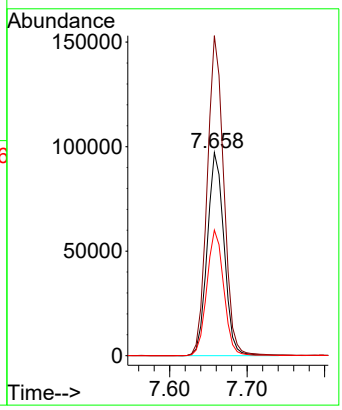


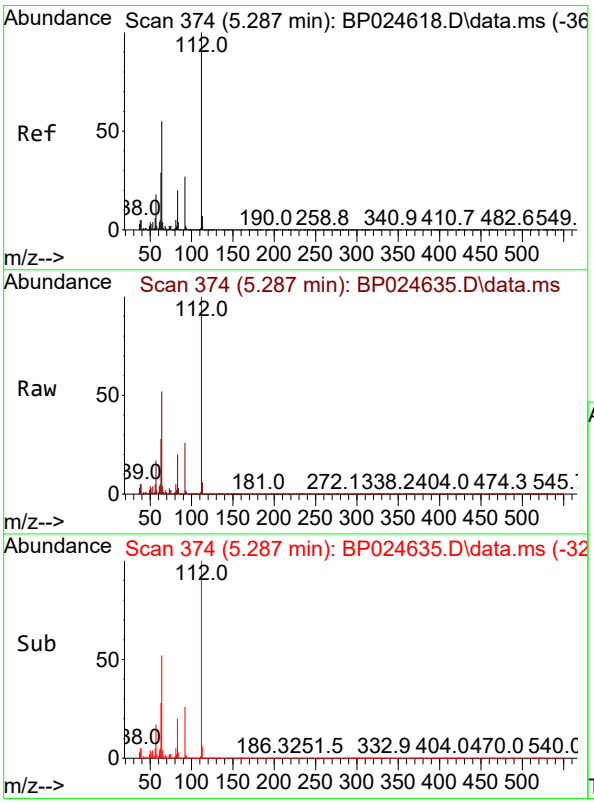
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 7
Delta R.T. -0.005 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Instrument :
BNA_P
ClientSampleId :
PB167973BL

Tgt Ion:152 Resp: 146276

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.9	188.9
115	61.9	50.1	75.1

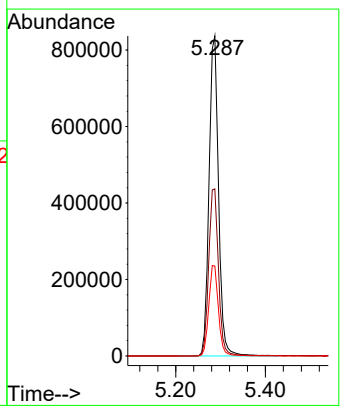


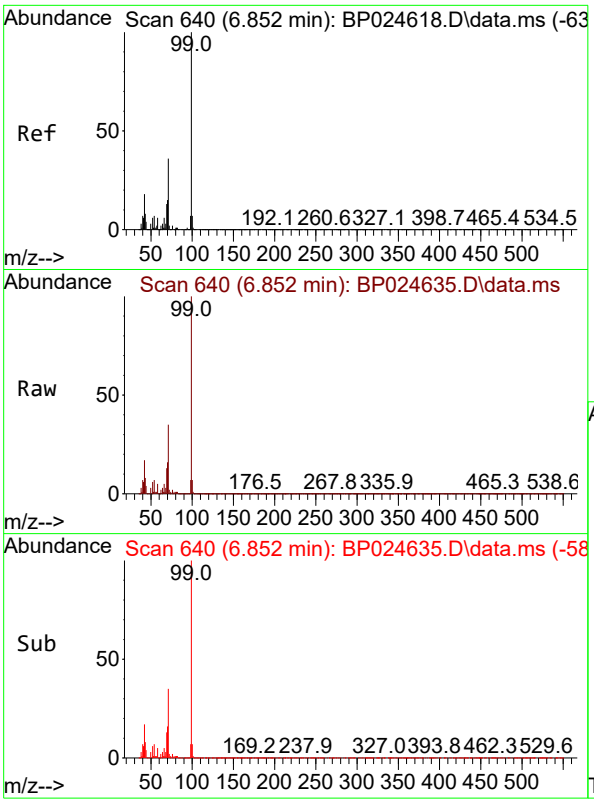


#5
2-Fluorophenol
Concen: 143.566 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Tgt Ion:112 Resp: 1227824

Ion	Ratio	Lower	Upper
112	100		
64	52.2	44.1	66.1
63	28.1	23.5	35.3



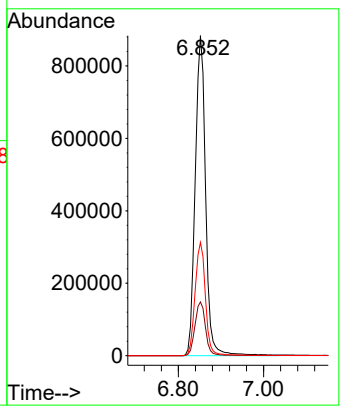


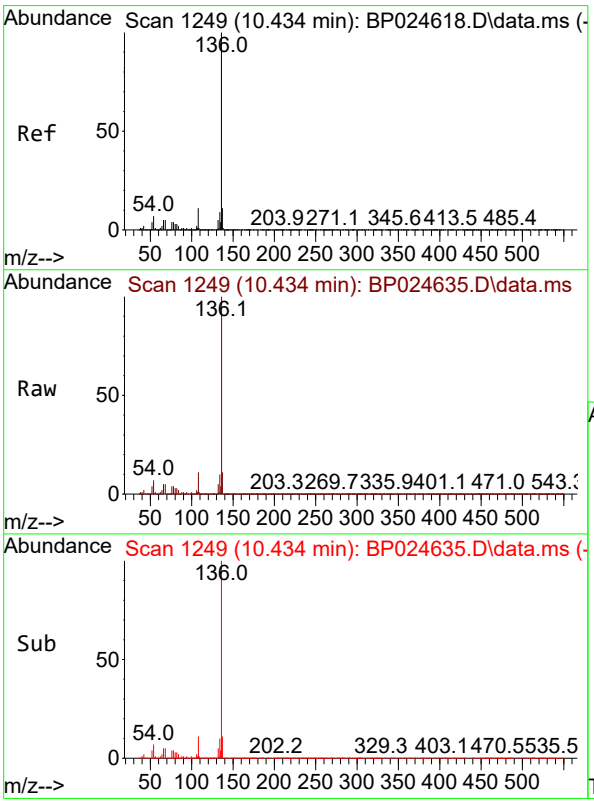
#7
Phenol-d6
Concen: 137.290 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Instrument :
BNA_P
ClientSampleId :
PB167973BL

Tgt Ion: 99 Resp: 1498528

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.4	21.6
71	35.4	29.2	43.8

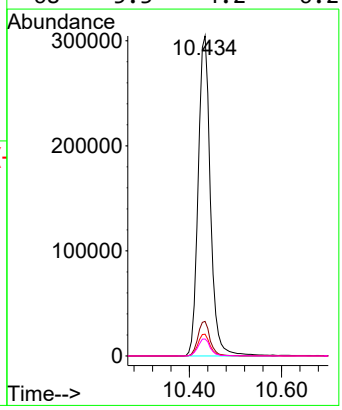


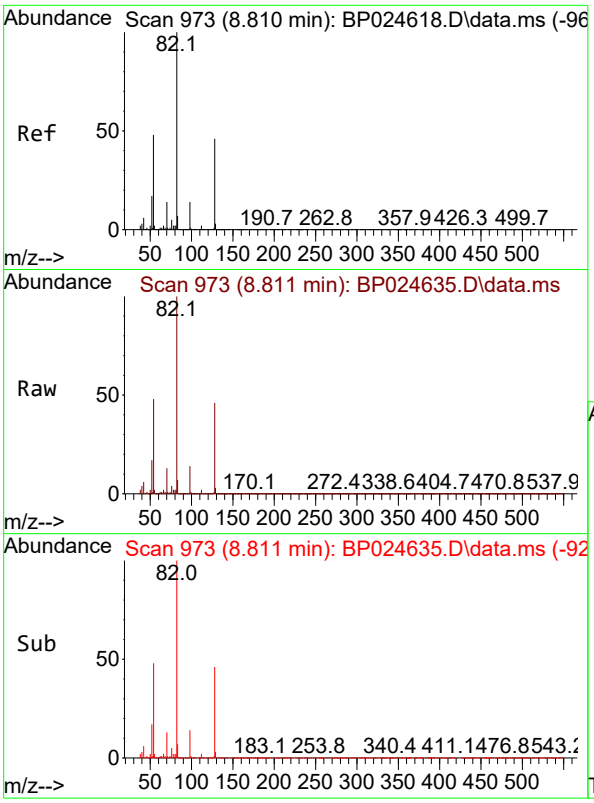


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Tgt Ion:136 Resp: 564318

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.8	5.5	8.3
68	5.3	4.2	6.2



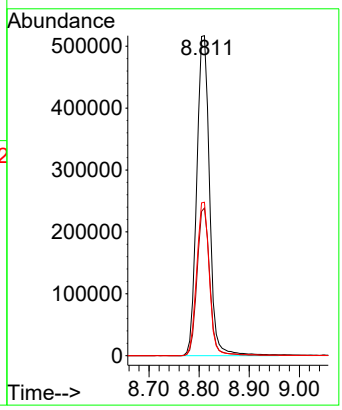


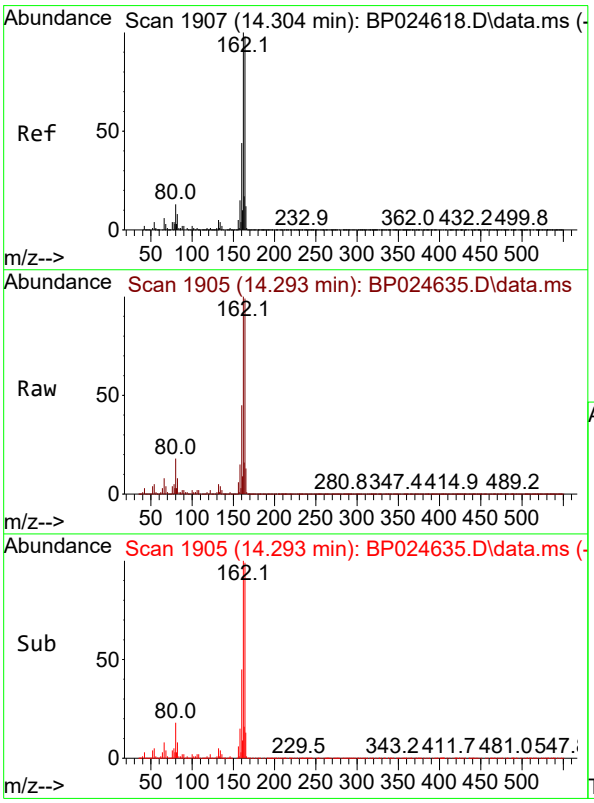
#23
Nitrobenzene-d5
Concen: 82.100 ng
RT: 8.811 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Instrument :
BNA_P
ClientSampleId :
PB167973BL

Tgt Ion: 82 Resp: 916951

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.0	55.4
54	47.9	38.7	58.1

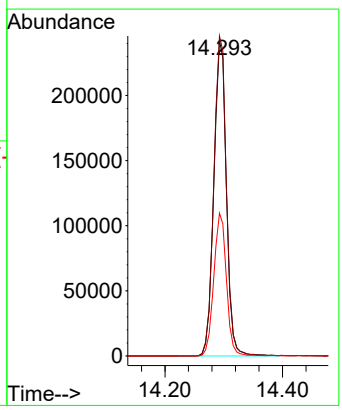


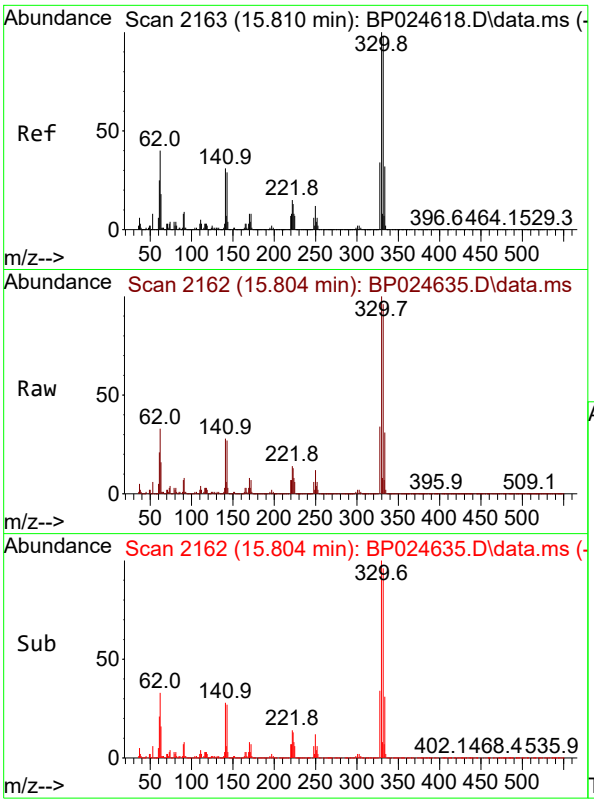


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Tgt Ion:164 Resp: 357828

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.8	122.6
160	45.2	36.3	54.5



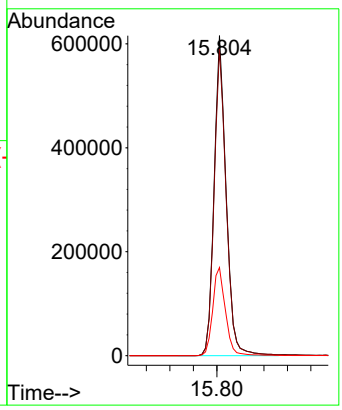


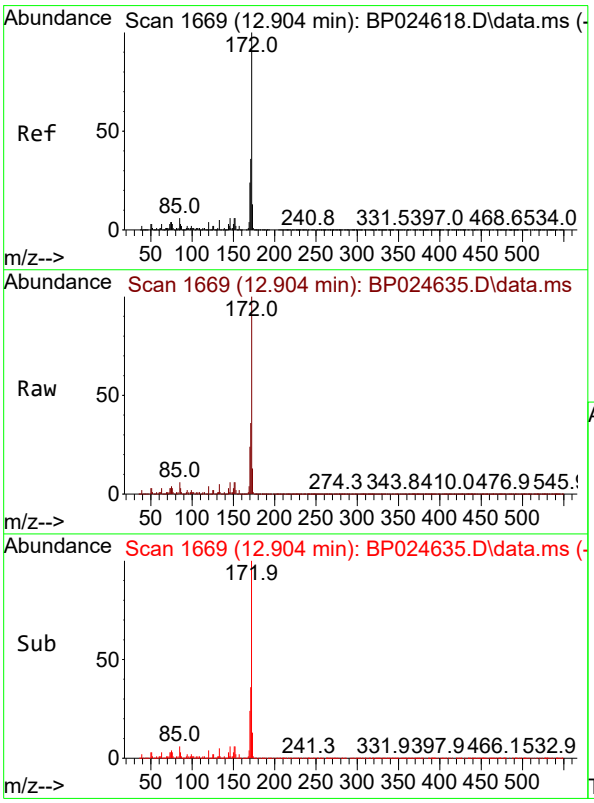
#42
2,4,6-Tribromophenol
Concen: 143.590 ng
RT: 15.804 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Instrument :
BNA_P
ClientSampleId :
PB167973BL

Tgt Ion:330 Resp: 871050

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.2	117.4
141	29.3	24.3	36.5

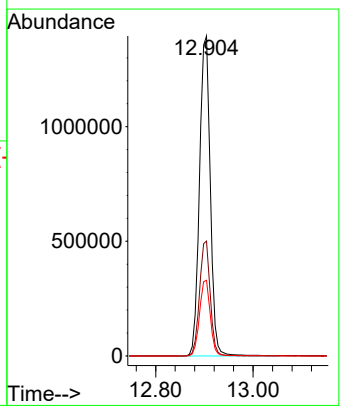


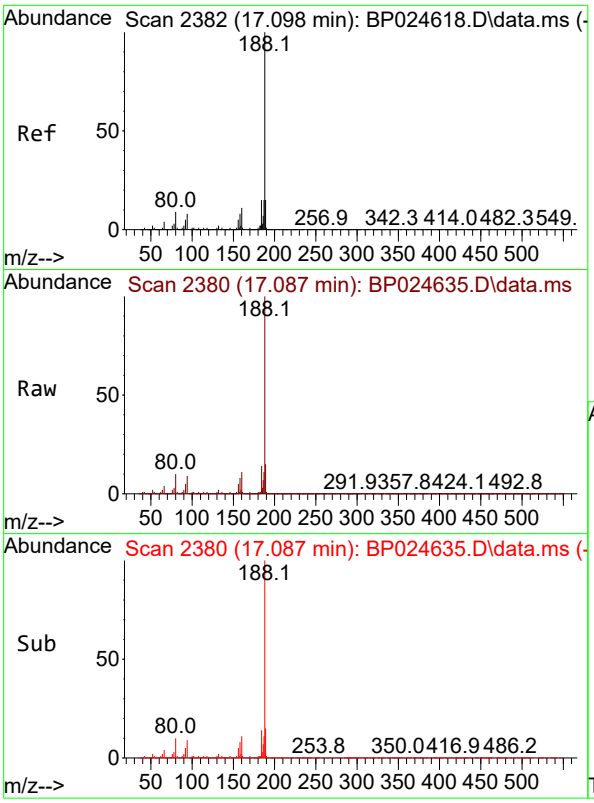


#45
2-Fluorobiphenyl
Concen: 78.715 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Tgt Ion:172 Resp: 2149900

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.7	18.8	28.2



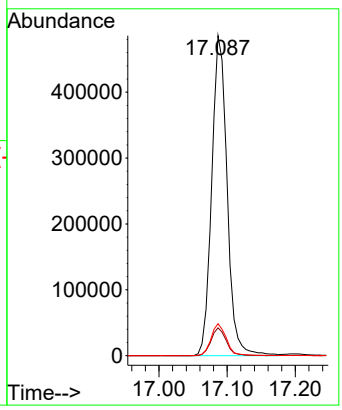


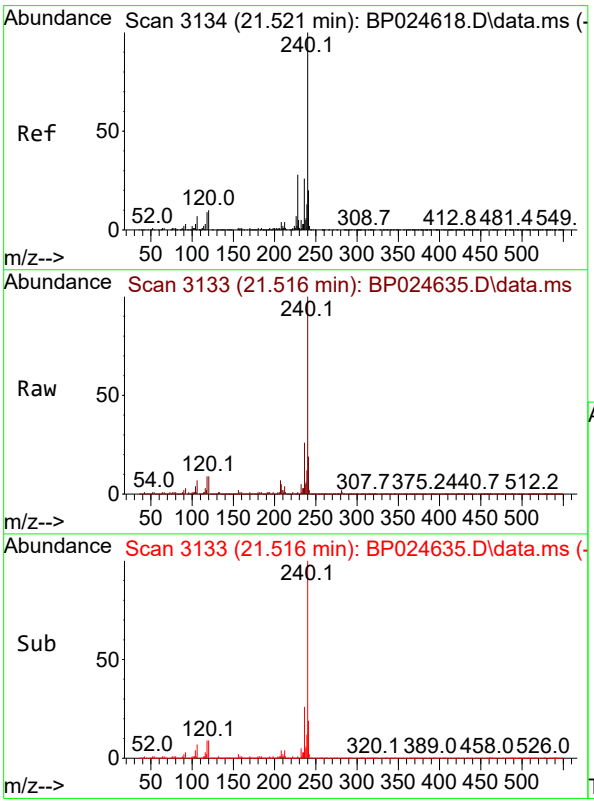
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Instrument :
BNA_P
ClientSampleId :
PB167973BL

Tgt Ion:188 Resp: 764705

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.5	9.7
80	10.0	7.3	10.9

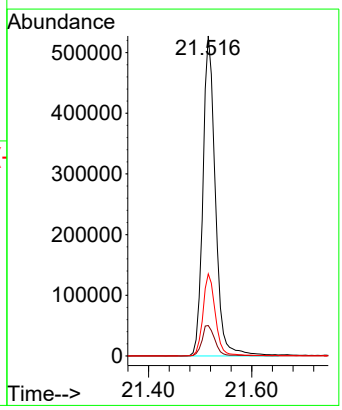


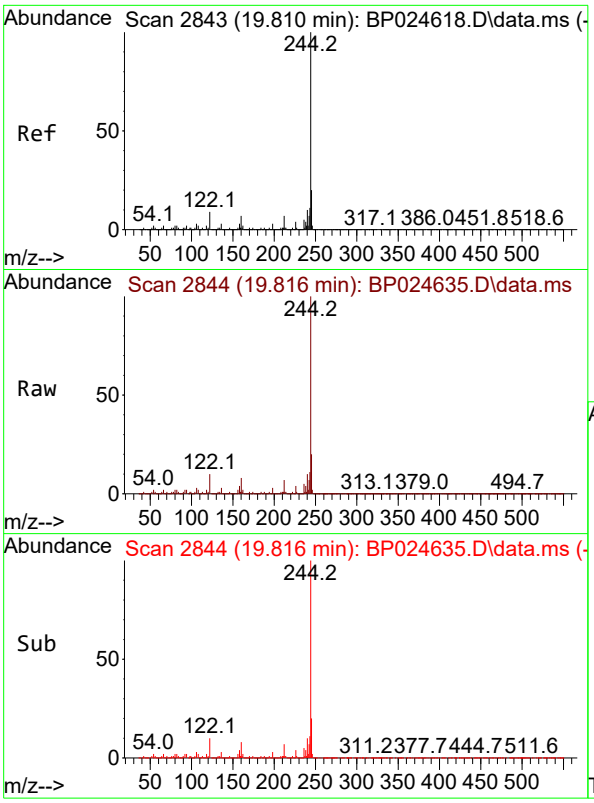


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Tgt Ion:240 Resp: 884123

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.8	11.6
236	25.6	20.6	31.0



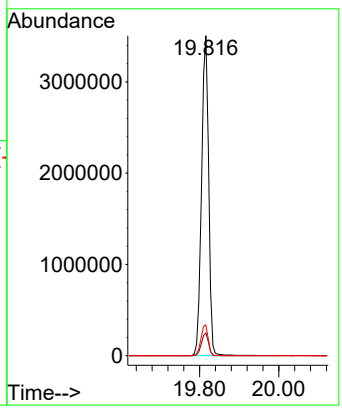


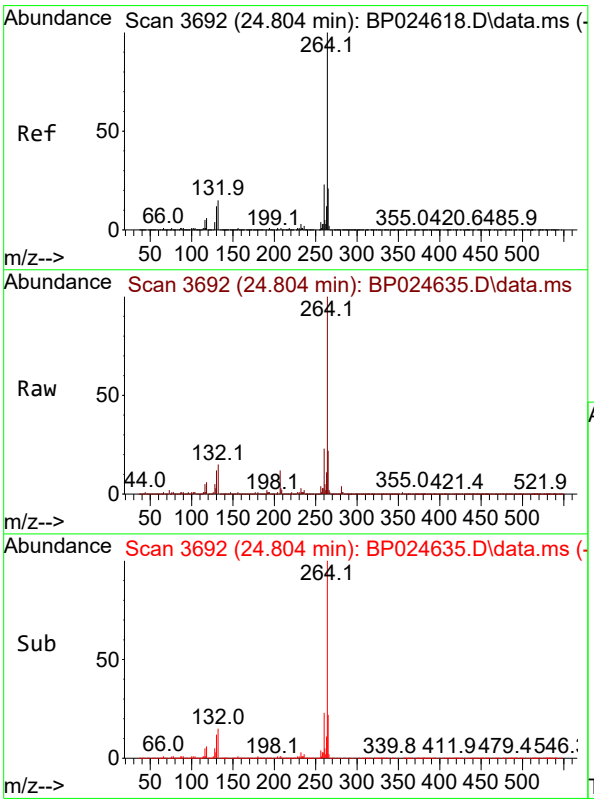
#79
Terphenyl-d14
Concen: 84.502 ng
RT: 19.816 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Instrument :
BNA_P
ClientSampleId :
PB167973BL

Tgt Ion:244 Resp: 4357069

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	9.6	7.4	11.0

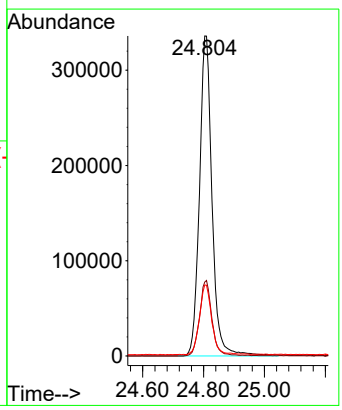




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.804 min Scan# 3692
Delta R.T. 0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Tgt Ion:264 Resp: 966019

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.2	17.0	25.6



Sample Results: **BP024635.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024635.D
Acq On : 15 May 2025 13:05
Operator : RC/JU
Sample : PB167973BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167973BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024635.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.823	290	295	313	rVB	228383	326896	2.78%	0.716%
2	5.287	367	374	390	rBV	2784562	4125597	35.10%	9.034%
3	6.852	632	640	663	rBV	2434729	4195894	35.70%	9.188%
4	7.658	770	777	788	rBV	559157	856077	7.28%	1.875%
5	8.811	964	973	995	rBV	1509171	2681055	22.81%	5.871%
6	10.434	1241	1249	1268	rBV	618499	1151578	9.80%	2.522%
7	12.899	1656	1668	1685	rBV	4060800	6343788	53.98%	13.892%
8	14.293	1897	1905	1913	rBV	1032771	1540089	13.10%	3.372%
9	15.804	2154	2162	2187	rBV	4009623	5965235	50.76%	13.063%
10	17.087	2373	2380	2397	rBV2	1210781	1972012	16.78%	4.318%
11	19.816	2838	2844	2853	rBV	9495789	11752174	100.00%	25.735%
12	21.516	3127	3133	3155	rBV2	1407261	2408127	20.49%	5.273%
13	24.804	3684	3692	3708	rVB	866007	2347927	19.98%	5.141%

Sum of corrected areas: 45666449

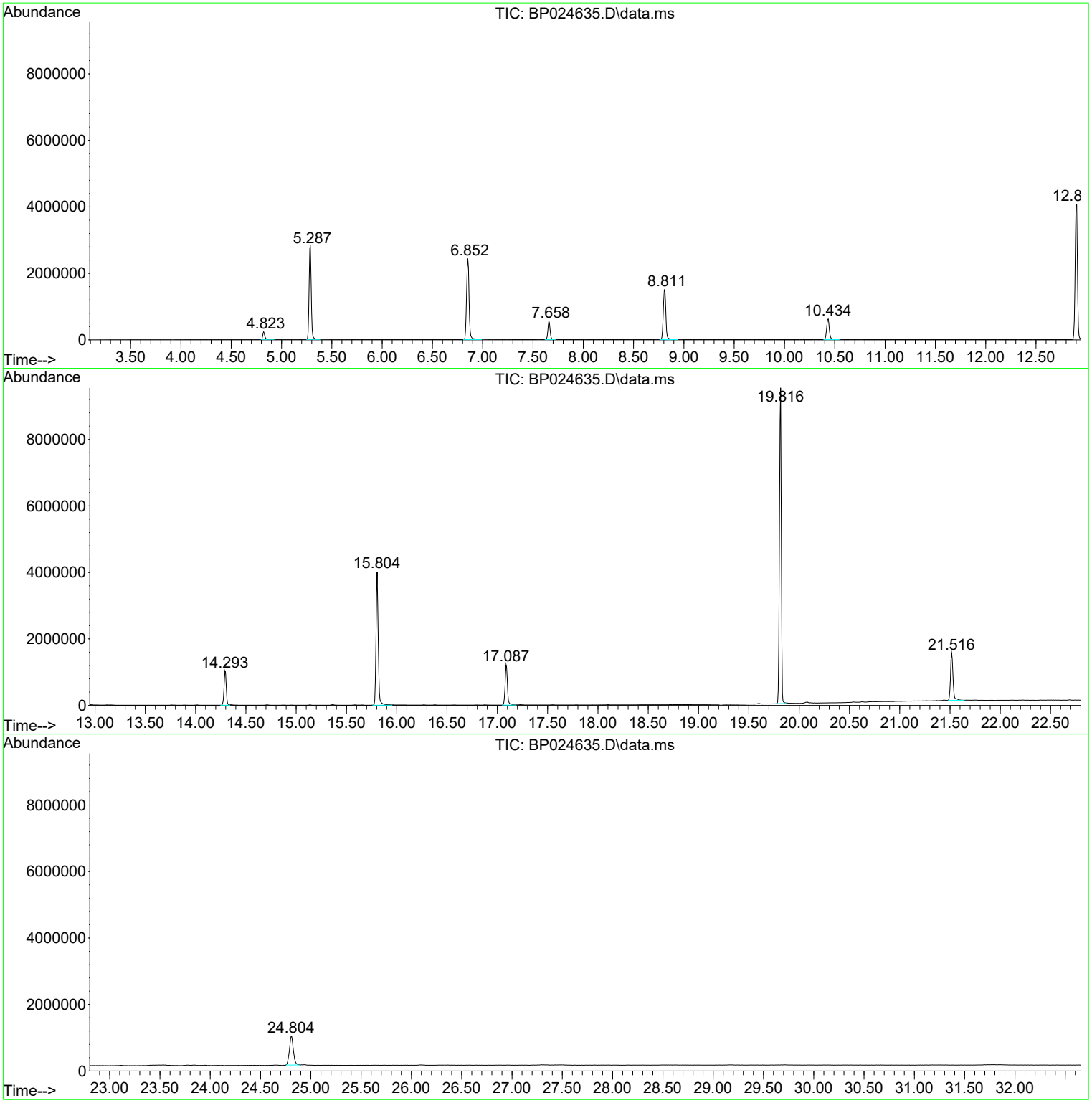
Sample Results: **BP024635.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024635.D
Acq On : 15 May 2025 13:05
Operator : RC/JU
Sample : PB167973BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167973BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024635.D
Acq On : 15 May 2025 13:05
Operator : RC/JU
Sample : PB167973BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167973BL

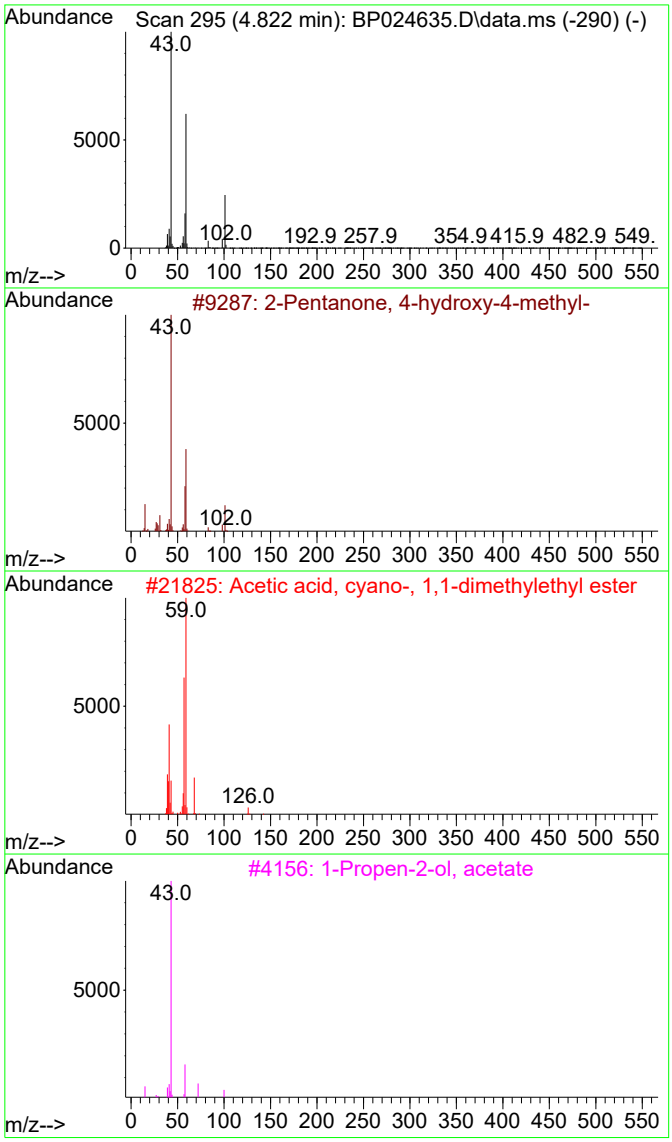
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

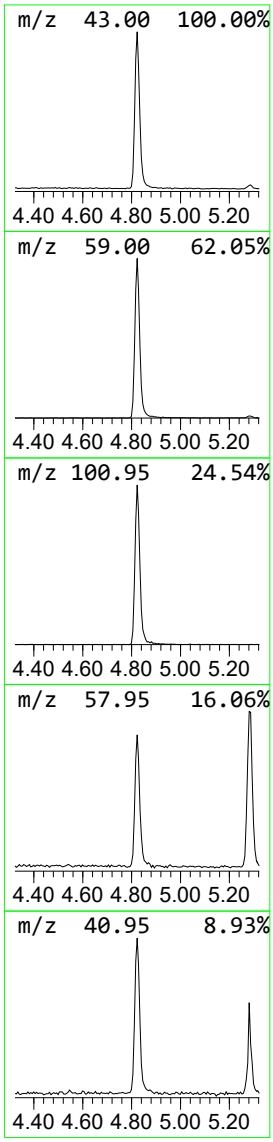
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.822	7.64 ng	326896	1,4-Dichlorobenzene-d4	7.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Acetone	58	C3H6O	000067-64-1	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Sample Results: **BP024635.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024635.D
Acq On : 15 May 2025 13:05
Operator : RC/JU
Sample : PB167973BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167973BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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-...	4.822	7.6	ng	326896	1	7.658	856077	20.0

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167953BS	SDG No.:	Q1982
Lab Sample ID:	PB167953BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142419.D	1	05/12/25 09:38	05/16/25 11:13	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1400		160	330	ug/Kg
108-95-2	Phenol	1500		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1500		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1500		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		37.5	170	ug/Kg
98-86-2	Acetophenone	1400		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1400		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1800		58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		28.3	170	ug/Kg
91-20-3	Naphthalene	1400		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	270		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		25.3	170	ug/Kg
105-60-2	Caprolactam	1700		52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1700		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

Raw Data: **BF142419.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167953BS	SDG No.:	Q1982
Lab Sample ID:	PB167953BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142419.D	1	05/12/25 09:38	05/16/25 11:13	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1400		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	840		46.0	170	ug/Kg
83-32-9	Acenaphthene	1600		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	4000	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3500	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1400		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		50.1	170	ug/Kg
84-66-2	Diethylphthalate	1400		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		26.7	170	ug/Kg
86-73-7	Fluorene	1400		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1900		64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		25.3	170	ug/Kg
1912-24-9	Atrazine	1700		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3500	E	51.3	330	ug/Kg
85-01-8	Phenanthrene	1400		20.9	170	ug/Kg
120-12-7	Anthracene	1400		33.3	170	ug/Kg
86-74-8	Carbazole	1400		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		47.9	170	ug/Kg
206-44-0	Fluoranthene	1400		30.0	170	ug/Kg
129-00-0	Pyrene	1500		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	170	ug/Kg
218-01-9	Chrysene	1400		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg

Raw Data: **BF142419.D**

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

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	South River WM Replacement			Date Received:	
Client Sample ID:	PB167953BS			SDG No.:	Q1982
Lab Sample ID:	PB167953BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142419.D	1	05/12/25 09:38	05/16/25 11:13	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1400		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1100		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	121		18 - 112	81%	SPK: 150
13127-88-3	Phenol-d6	120		15 - 107	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.1		18 - 107	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.4		20 - 109	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	141		10 - 116	94%	SPK: 150
1718-51-0	Terphenyl-d14	77.8		10 - 105	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	174000	6.904			
1146-65-2	Naphthalene-d8	675000	8.186			
15067-26-2	Acenaphthene-d10	367000	9.945			
1517-22-2	Phenanthrene-d10	631000	11.427			
1719-03-5	Chrysene-d12	344000	14.068			
1520-96-3	Perylene-d12	360000	15.556			

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

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

Sample Results: **BF142419.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142419.D
Acq On : 16 May 2025 11:13
Operator : RC/JU
Sample : PB167953BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 16 12:00:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	173630	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	675385	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	366566	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	630880	20.000	ng	0.00
76) Chrysene-d12	14.068	240	344356	20.000	ng	0.00
86) Perylene-d12	15.556	264	359523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1229627	120.893	ng	0.02
7) Phenol-d6	6.534	99	1504472	120.264	ng	0.01
23) Nitrobenzene-d5	7.469	82	920178	83.092	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	500490	141.416	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1886869	73.396	ng	0.00
79) Terphenyl-d14	13.015	244	1810242	77.808	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	149707	32.685	ng	99
3) Pyridine	3.540	79	418415	38.909	ng	98
4) n-Nitrosodimethylamine	3.493	42	243472	38.956	ng	96
6) Aniline	6.569	93	532865	43.427	ng	100
8) 2-Chlorophenol	6.686	128	497688	45.790	ng	98
9) Benzaldehyde	6.457	77	296741	40.529	ng	98
10) Phenol	6.545	94	599488	45.208	ng	92
11) bis(2-Chloroethyl)ether	6.639	93	463806	35.468	ng	98
12) 1,3-Dichlorobenzene	6.845	146	522493	42.019	ng	99
13) 1,4-Dichlorobenzene	6.922	146	523852	41.958	ng	99
14) 1,2-Dichlorobenzene	7.075	146	508687	42.447	ng	99
15) Benzyl Alcohol	7.045	79	398510	49.196	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	769769	39.419	ng	97
17) 2-Methylphenol	7.157	107	386045	43.871	ng	98
18) Hexachloroethane	7.416	117	182804	44.006	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	327048	42.265	ng	99
20) 3+4-Methylphenols	7.304	107	473450	43.110	ng	93
22) Acetophenone	7.316	105	629352	41.910	ng	99
24) Nitrobenzene	7.486	77	479320	45.917	ng	96
25) Isophorone	7.728	82	899135	42.876	ng	99
26) 2-Nitrophenol	7.804	139	270822	53.328	ng	97
27) 2,4-Dimethylphenol	7.839	122	463175	43.930	ng	100
28) bis(2-Chloroethoxy)met...	7.933	93	559083	41.461	ng	100
29) 2,4-Dichlorophenol	8.045	162	420197	46.877	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	438894	43.506	ng	99
31) Naphthalene	8.210	128	1391457	42.509	ng	100
32) Benzoic acid	7.957	122	326773	55.302	ng	99
33) 4-Chloroaniline	8.257	127	106321m	7.960	ng	
34) Hexachlorobutadiene	8.322	225	265544	44.453	ng	98
35) Caprolactam	8.627	113	131445m	50.315	ng	
36) 4-Chloro-3-methylphenol	8.733	107	425708	45.687	ng	99
37) 2-Methylnaphthalene	8.898	142	875467	43.042	ng	99
38) 1-Methylnaphthalene	8.998	142	899635	42.437	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	437922	42.775	ng	99
41) Hexachlorocyclopentadiene	9.051	237	602706	95.256	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	307305	47.587	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142419.D
Acq On : 16 May 2025 11:13
Operator : RC/JU
Sample : PB167953BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 16 12:00:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	324851	47.278	ng		98
46) 1,1'-Biphenyl	9.363	154	1183448	42.106	ng		99
47) 2-Chloronaphthalene	9.392	162	877304	41.973	ng		100
48) 2-Nitroaniline	9.480	65	268263	50.072	ng		95
49) Acenaphthylene	9.804	152	1477785	42.263	ng		99
50) Dimethylphthalate	9.663	163	1045636	44.423	ng		100
51) 2,6-Dinitrotoluene	9.727	165	230545	52.326	ng		88
52) Acenaphthene	9.980	154	1008110	47.949	ng		100
53) 3-Nitroaniline	9.892	138	130548	25.264	ng		94
54) 2,4-Dinitrophenol	9.998	184	286628	120.101	ng	#	1
55) Dibenzofuran	10.151	168	1299450	41.879	ng		99
56) 4-Nitrophenol	10.051	139	402874	103.592	ng		99
57) 2,4-Dinitrotoluene	10.127	165	319356	56.507	ng		96
58) Fluorene	10.492	166	992432	41.911	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	277612	48.943	ng		99
60) Diethylphthalate	10.363	149	1022998	43.520	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	488271	42.740	ng		98
62) 4-Nitroaniline	10.510	138	238941	58.343	ng		98
63) Azobenzene	10.645	77	919836	40.950	ng		97
65) 4,6-Dinitro-2-methylph...	10.539	198	175242	57.854	ng		92
66) n-Nitrosodiphenylamine	10.604	169	881615	41.995	ng		100
67) 4-Bromophenyl-phenylether	10.974	248	313229	43.808	ng		96
68) Hexachlorobenzene	11.039	284	350738	44.596	ng		97
69) Atrazine	11.127	200	274407	49.587	ng		100
70) Pentachlorophenol	11.233	266	429460	103.798	ng		97
71) Phenanthrene	11.457	178	1395824	42.209	ng		100
72) Anthracene	11.510	178	1431099	42.118	ng		100
73) Carbazole	11.657	167	1297202	42.553	ng		100
74) Di-n-butylphthalate	11.986	149	1470098	45.861	ng		100
75) Fluoranthene	12.645	202	1396620	42.249	ng		98
77) Benzidine	12.763	184	498548	79.667	ng		98
78) Pyrene	12.874	202	1375854	44.888	ng		100
80) Butylbenzylphthalate	13.486	149	437060	48.795	ng		99
81) Benzo(a)anthracene	14.057	228	1033001	46.321	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	193172	37.248	ng		98
83) Chrysene	14.098	228	890087	42.874	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	568724	48.750	ng		99
85) Di-n-octyl phthalate	14.662	149	1044545	49.451	ng		97
87) Indeno(1,2,3-cd)pyrene	17.074	276	1142274	45.673	ng		99
88) Benzo(b)fluoranthene	15.121	252	1019606	46.825	ng		99
89) Benzo(k)fluoranthene	15.151	252	811185	40.708	ng		99
90) Benzo(a)pyrene	15.498	252	894628	45.849	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	930090	45.015	ng		98
92) Benzo(g,h,i)perylene	17.533	276	912878	44.516	ng		96

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

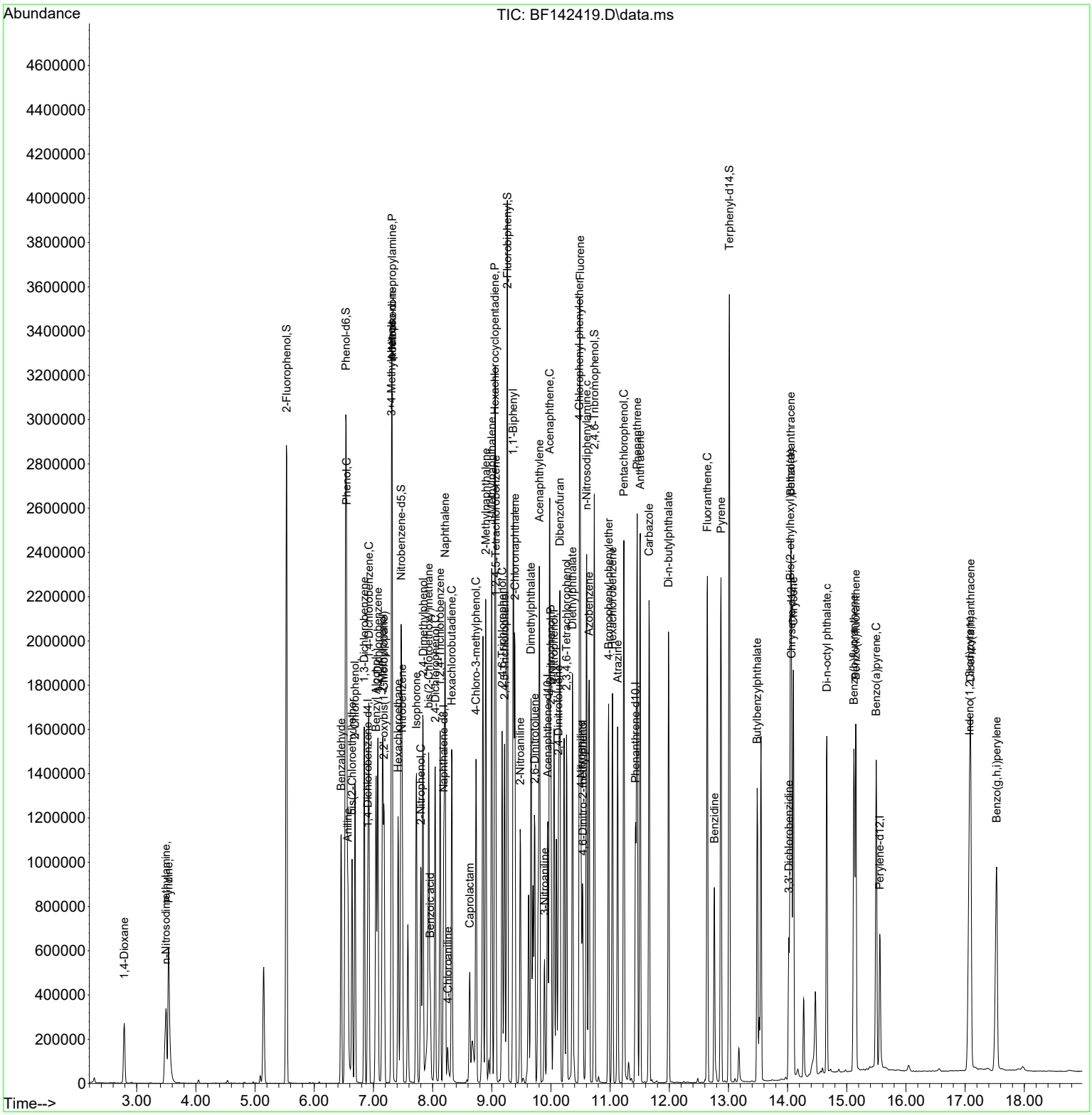
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Data File : BF142419.D
Acq On : 16 May 2025 11:13
Operator : RC/JU
Sample : PB167953BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

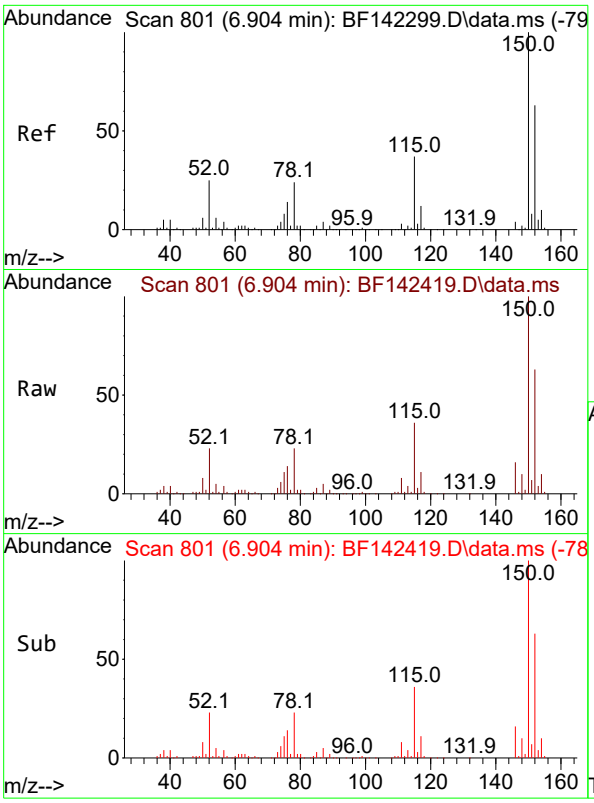
Quant Time: May 16 12:00:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

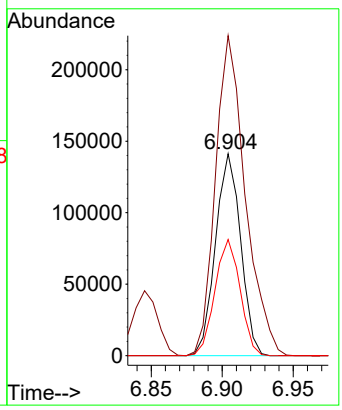




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:152 Resp: 17363

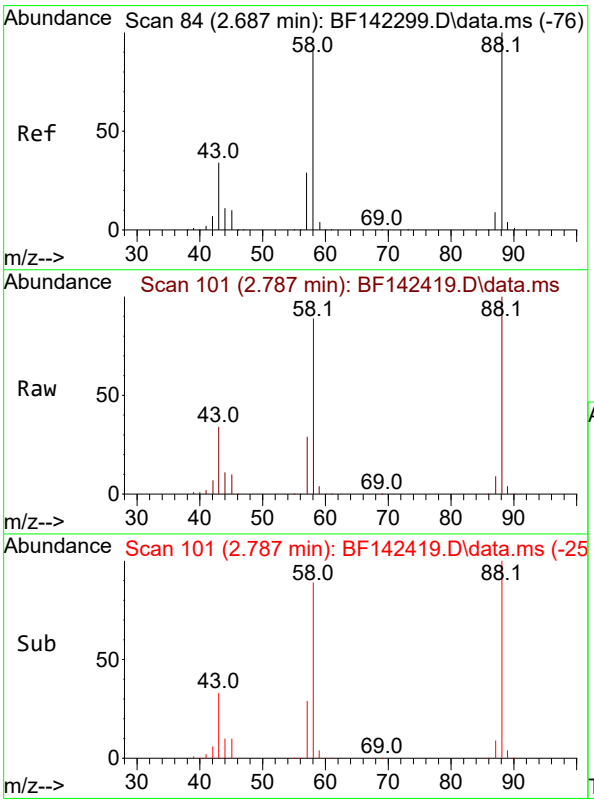
Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	190.0
115	57.5	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
APPROVED

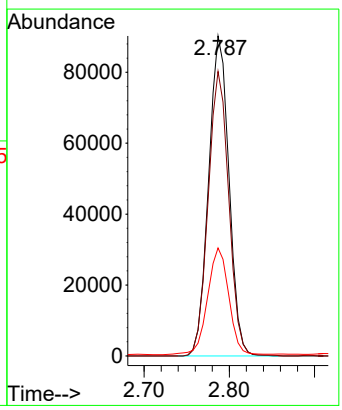
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

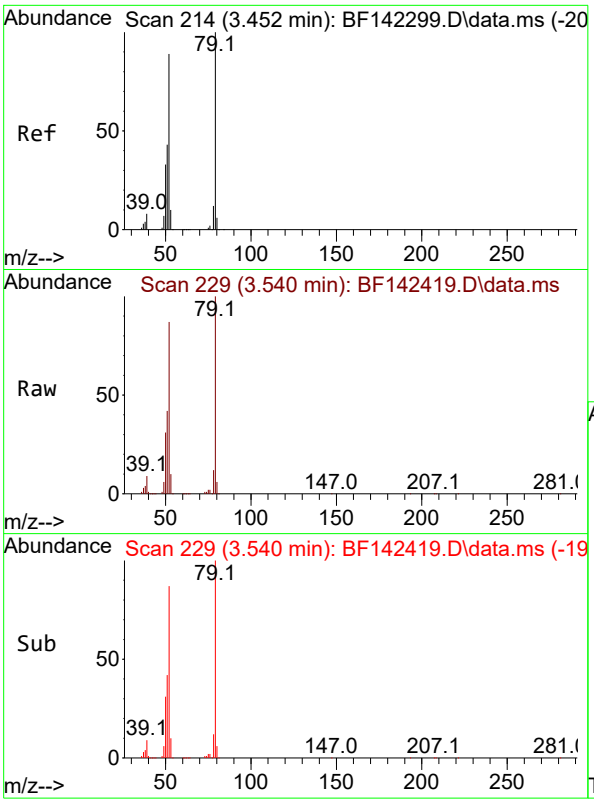


#2
1,4-Dioxane
Concen: 32.685 ng
RT: 2.787 min Scan# 101
Delta R.T. 0.100 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion: 88 Resp: 149707

Ion	Ratio	Lower	Upper
88	100		
58	89.9	73.0	109.4
43	34.5	27.8	41.6

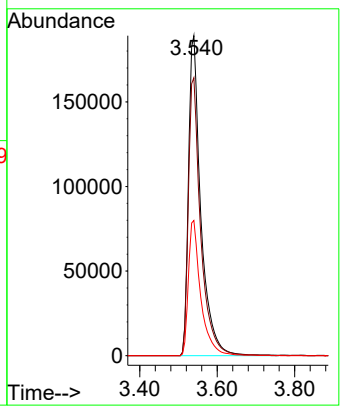




#3
Pyridine
Concen: 38.909 ng
RT: 3.540 min Scan# 2
Delta R.T. 0.088 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion: 79 Resp: 41841

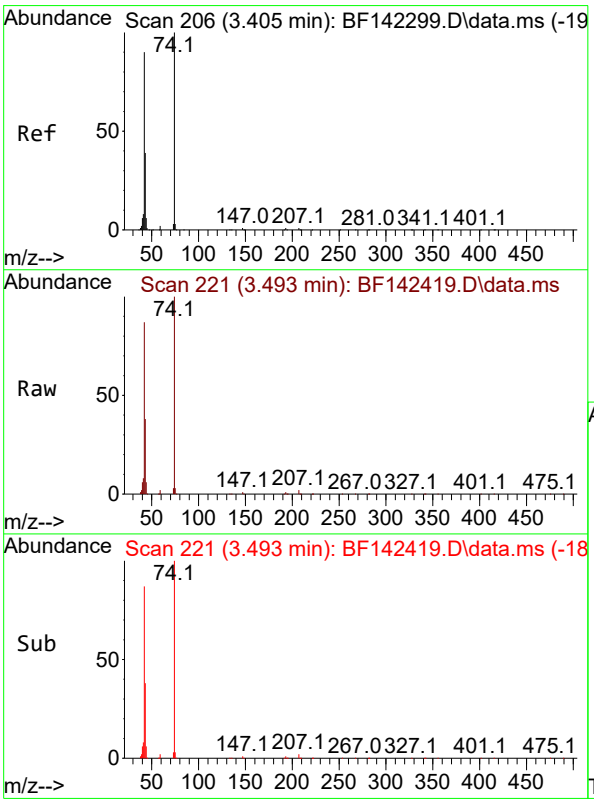
Ion	Ratio	Lower	Upper
79	100		
52	86.9	71.0	106.4
51	42.3	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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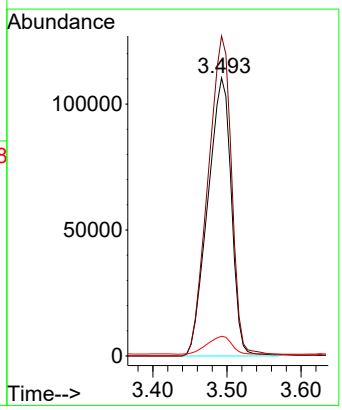
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

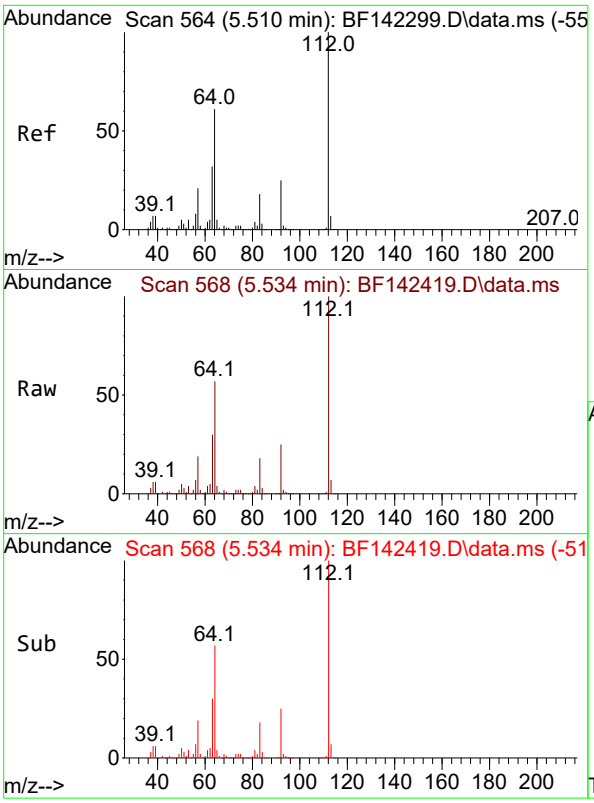


#4
n-Nitrosodimethylamine
Concen: 38.956 ng
RT: 3.493 min Scan# 221
Delta R.T. 0.088 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion: 42 Resp: 243472

Ion	Ratio	Lower	Upper
42	100		
74	115.1	88.5	132.7
44	7.1	5.8	8.8





#5
2-Fluorophenol
Concen: 120.893 ng
RT: 5.534 min Scan# 5
Delta R.T. 0.023 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

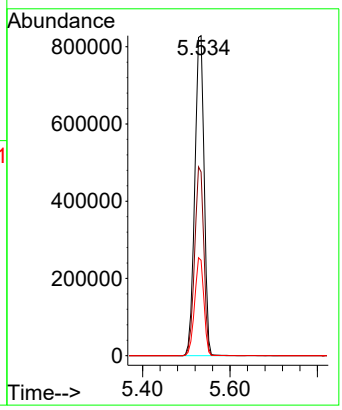
Tgt Ion:112 Resp: 122962

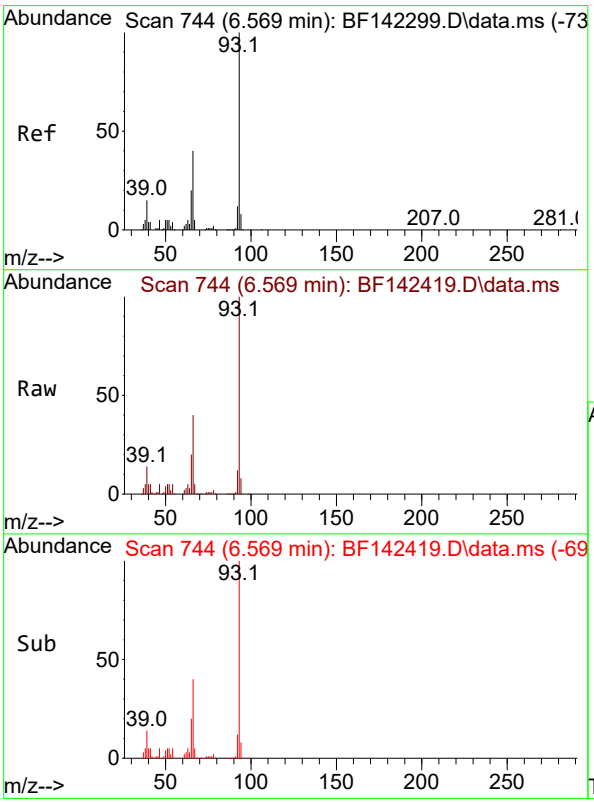
Ion	Ratio	Lower	Upper
112	100		
64	57.4	48.9	73.3
63	29.8	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

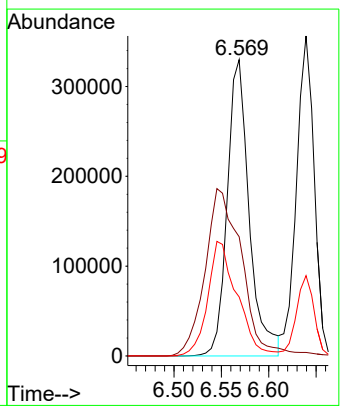


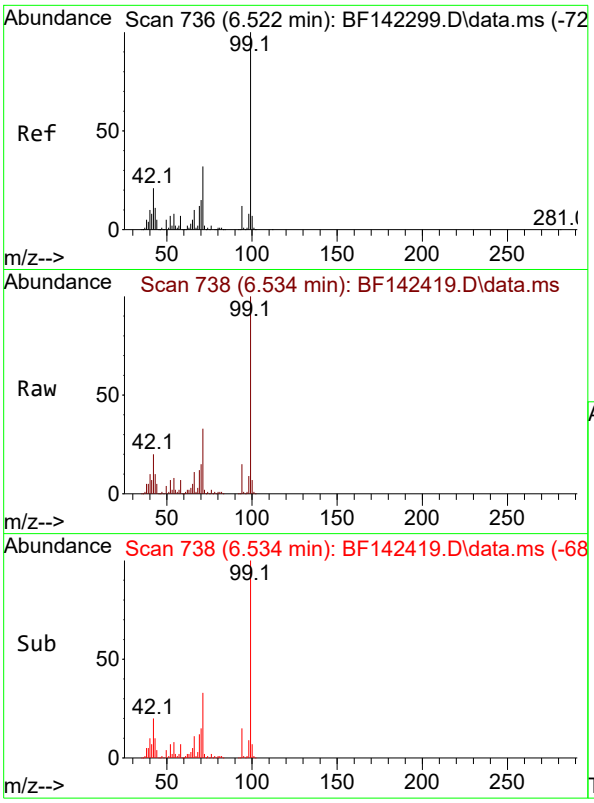


#6
Aniline
Concen: 43.427 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion: 93 Resp: 532865

Ion	Ratio	Lower	Upper
93	100		
66	40.2	32.2	48.4
65	19.9	16.3	24.5

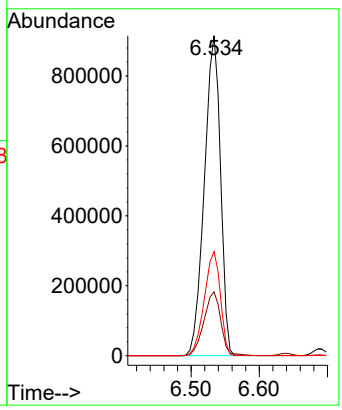




#7
Phenol-d6
Concen: 120.264 ng
RT: 6.534 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion: 99 Resp: 150447

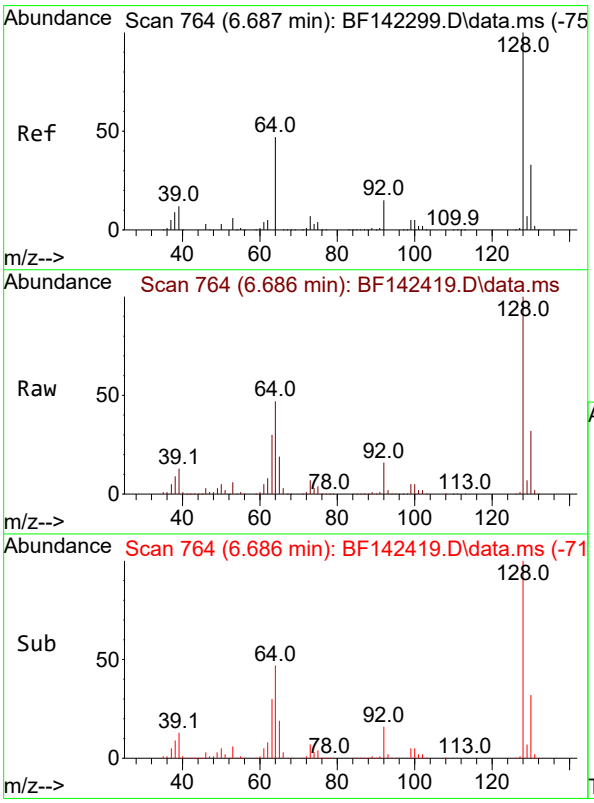
Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.0	25.4
71	32.5	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
APPROVED

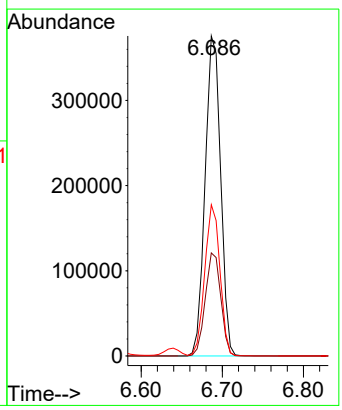
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

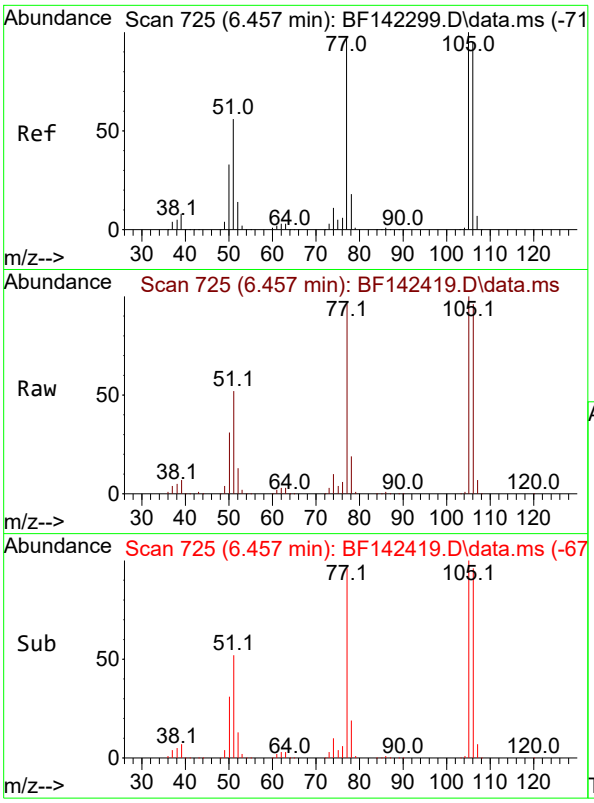


#8
2-Chlorophenol
Concen: 45.790 ng
RT: 6.686 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:128 Resp: 497688

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.7	52.7
64	47.3	29.2	69.2

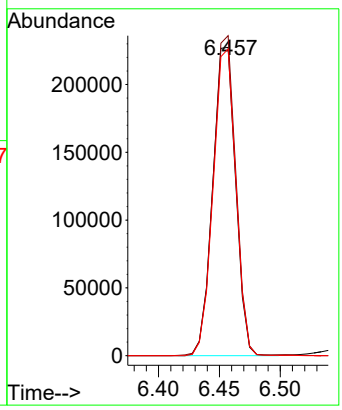




#9
Benzaldehyde
Concen: 40.529 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion: 77 Resp: 29674

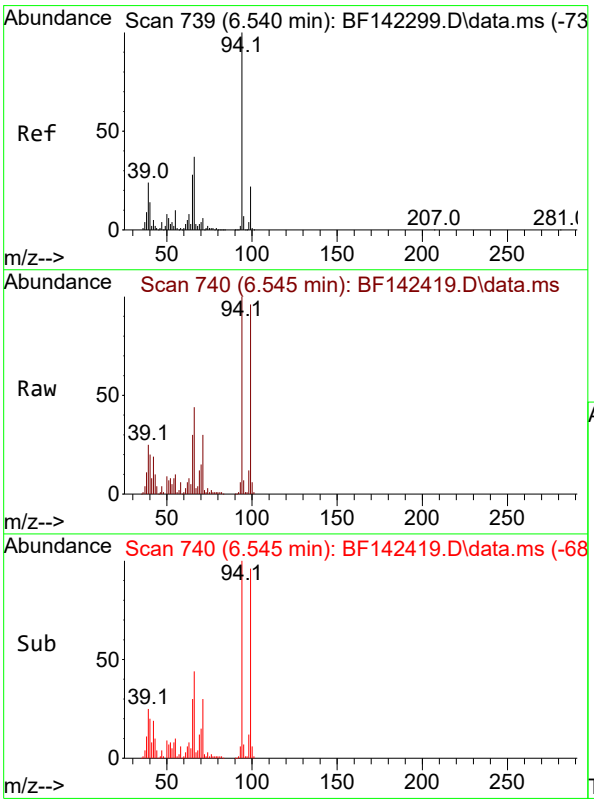
Ion	Ratio	Lower	Upper
77	100		
105	103.8	82.0	122.0
106	99.5	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
APPROVED

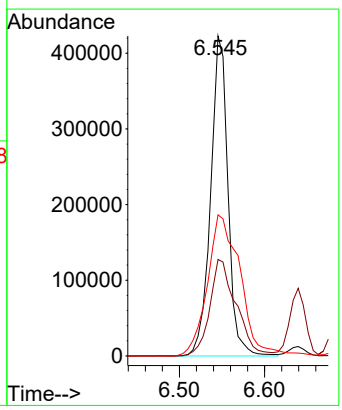
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

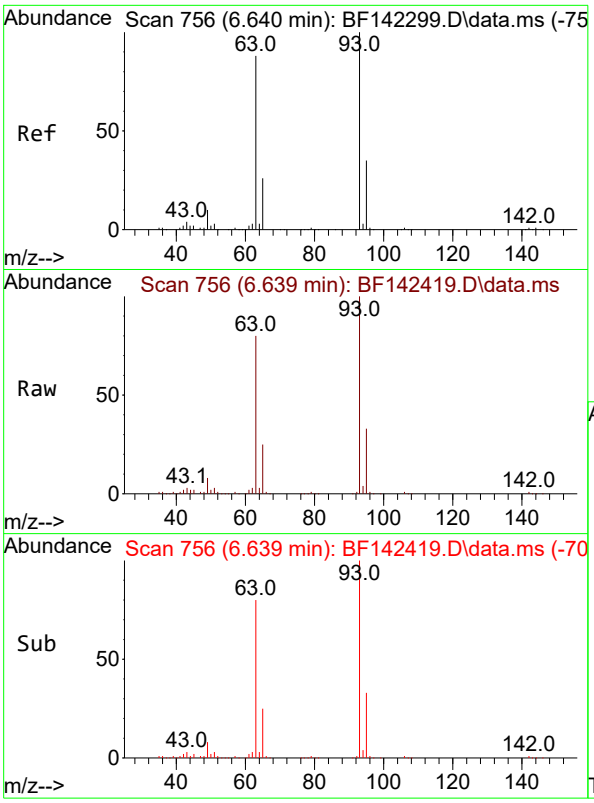


#10
Phenol
Concen: 45.208 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion: 94 Resp: 599488

Ion	Ratio	Lower	Upper
94	100		
65	30.2	8.5	48.5
66	44.1	17.3	57.3





#11
bis(2-Chloroethyl)ether
Concen: 35.468 ng
RT: 6.639 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

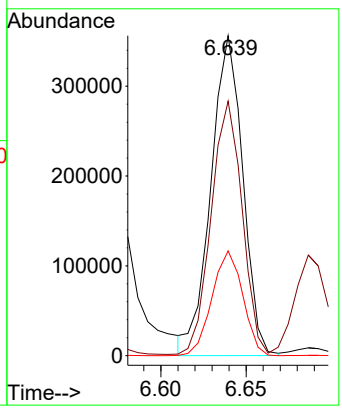
Tgt Ion: 93 Resp: 46380

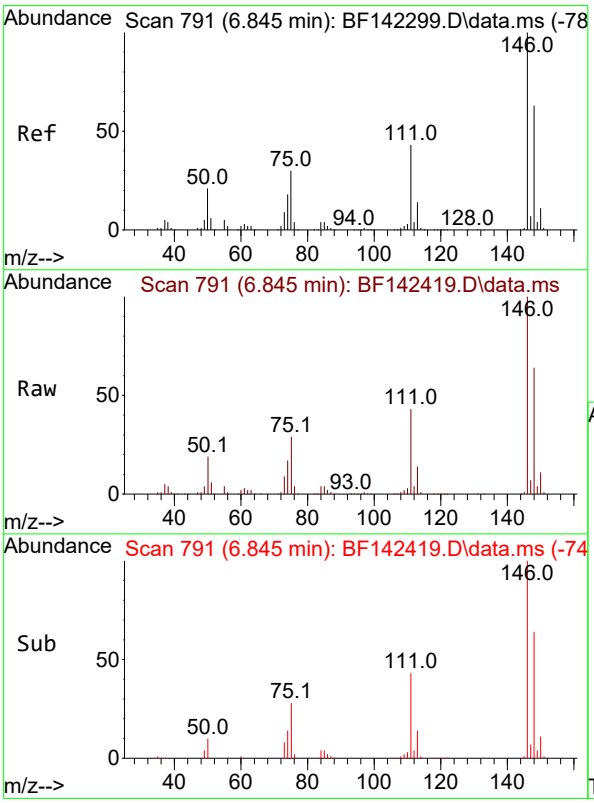
Ion	Ratio	Lower	Upper
93	100		
63	79.5	58.4	98.4
95	32.7	10.6	50.6

Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

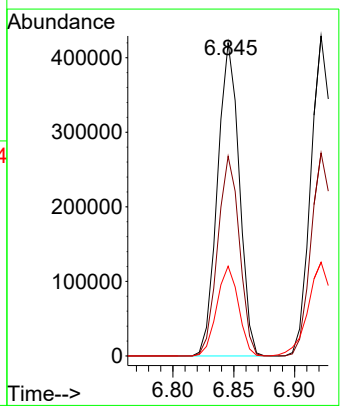


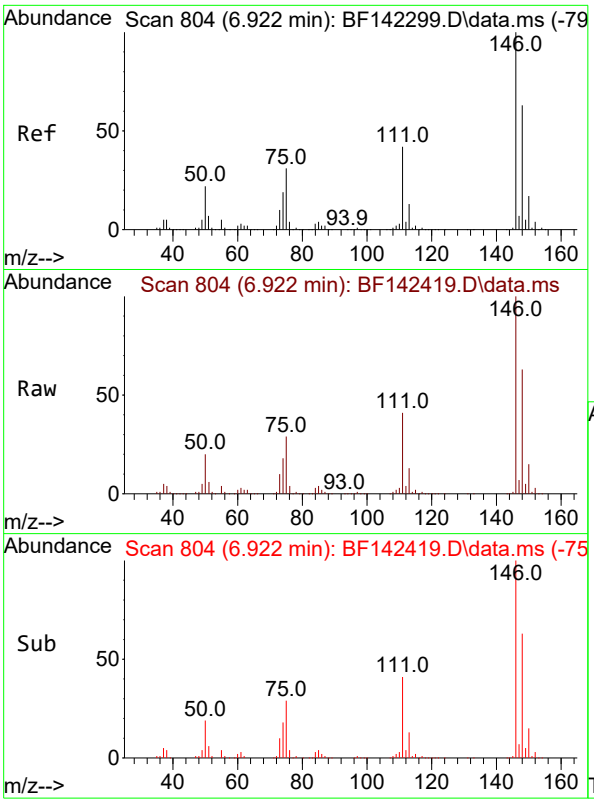


#12
1,3-Dichlorobenzene
Concen: 42.019 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:146 Resp: 522493

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	76.0
75	28.6	24.2	36.4

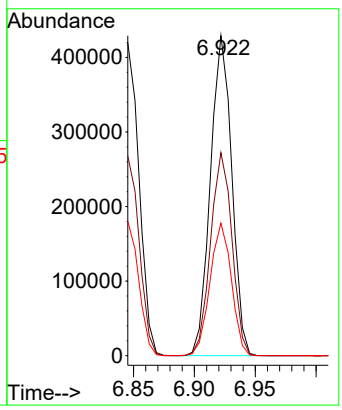




#13
1,4-Dichlorobenzene
Concen: 41.958 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:146 Resp: 52385

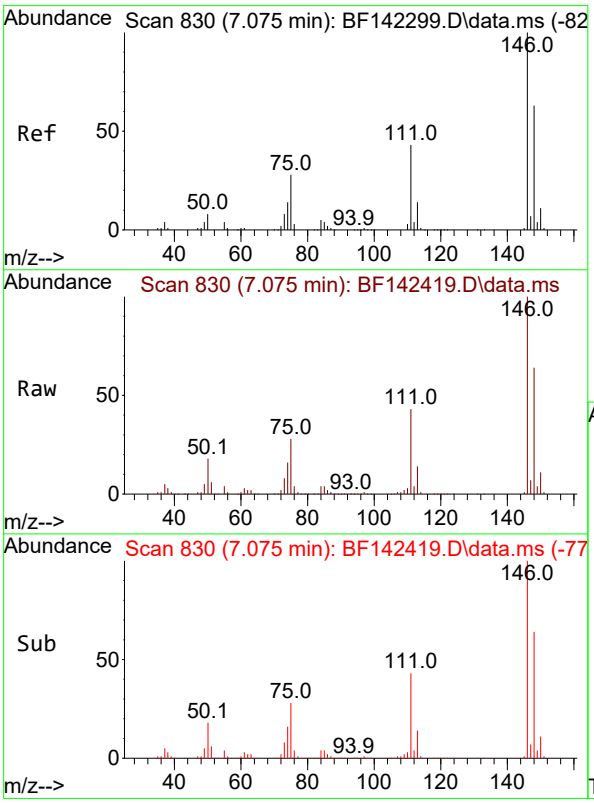
Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
111	41.4	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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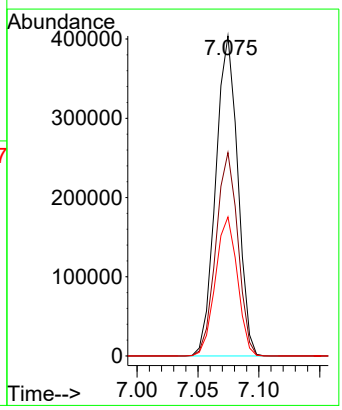
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

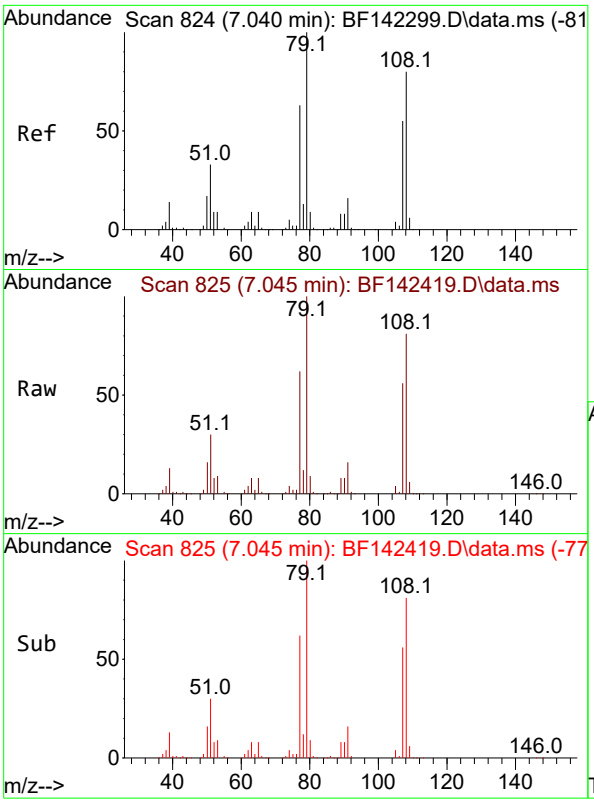


#14
1,2-Dichlorobenzene
Concen: 42.447 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:146 Resp: 508687

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	43.4	34.5	51.7





#15
Benzyl Alcohol
Concen: 49.196 ng
RT: 7.045 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

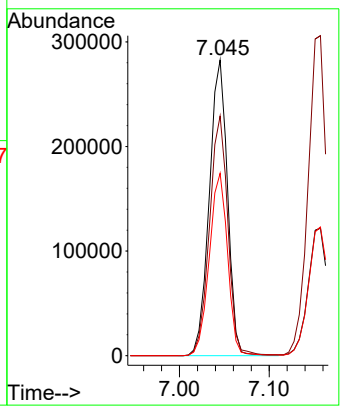
Tgt Ion: 79 Resp: 39851

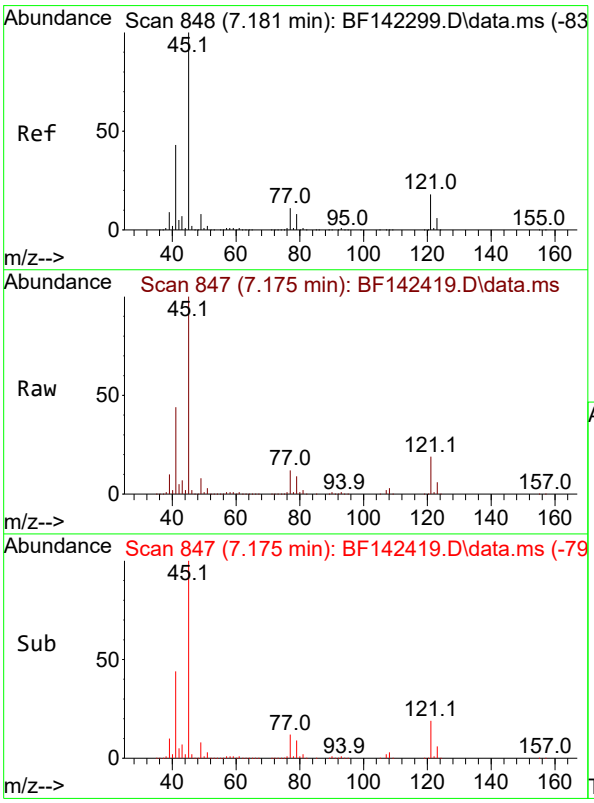
Ion	Ratio	Lower	Upper
79	100		
108	81.1	63.9	95.9
77	61.7	50.7	76.1

Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

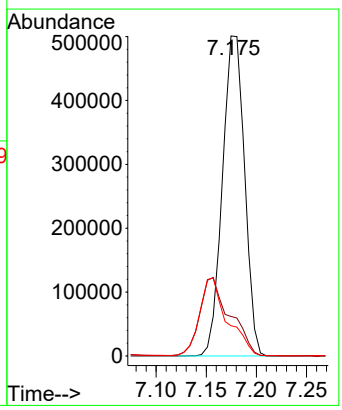


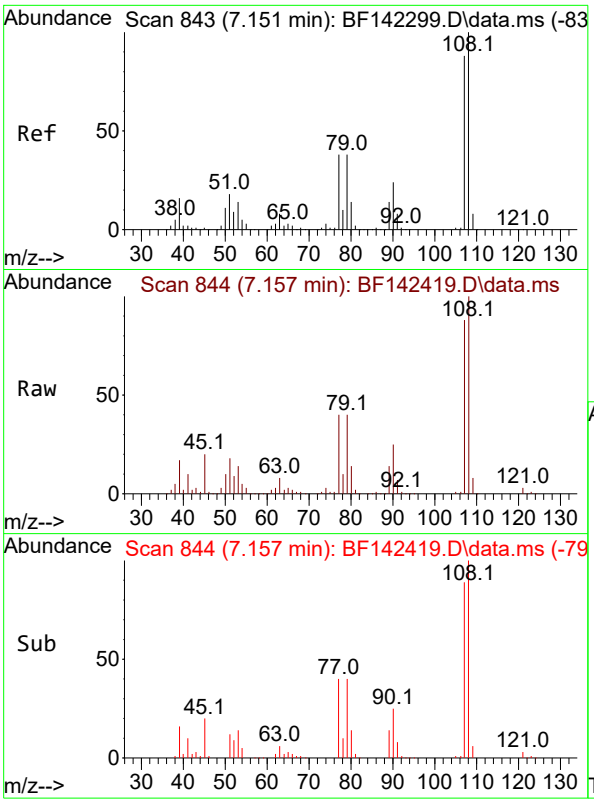


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.419 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion: 45 Resp: 769769

Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	31.2
79	9.4	0.0	28.5

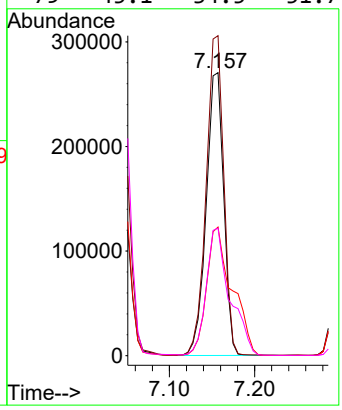




#17
2-Methylphenol
Concen: 43.871 ng
RT: 7.157 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:107 Resp: 38604

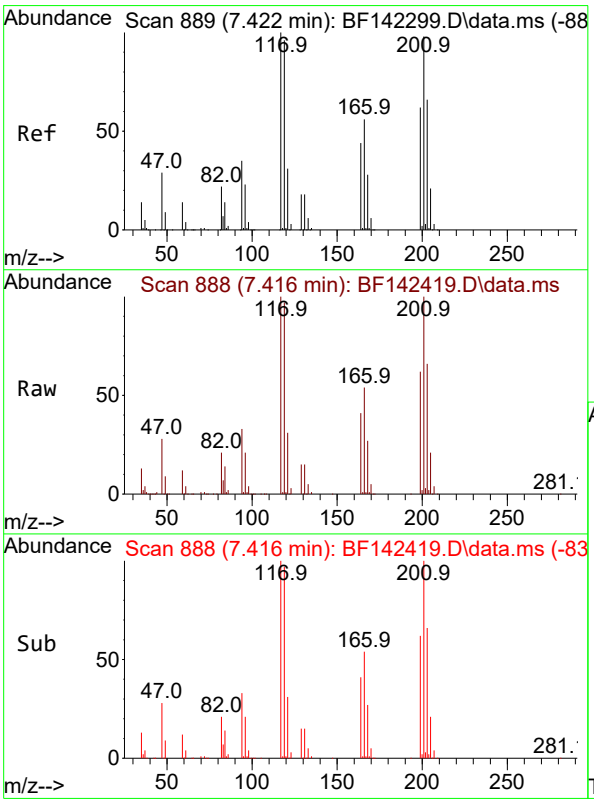
Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.1	136.7
77	45.5	34.7	52.1
79	45.1	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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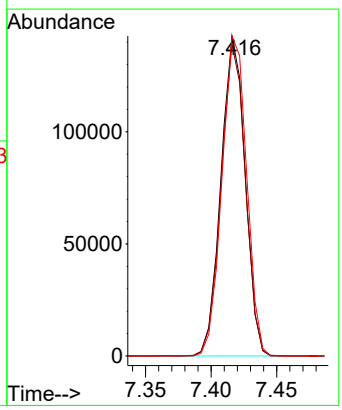
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

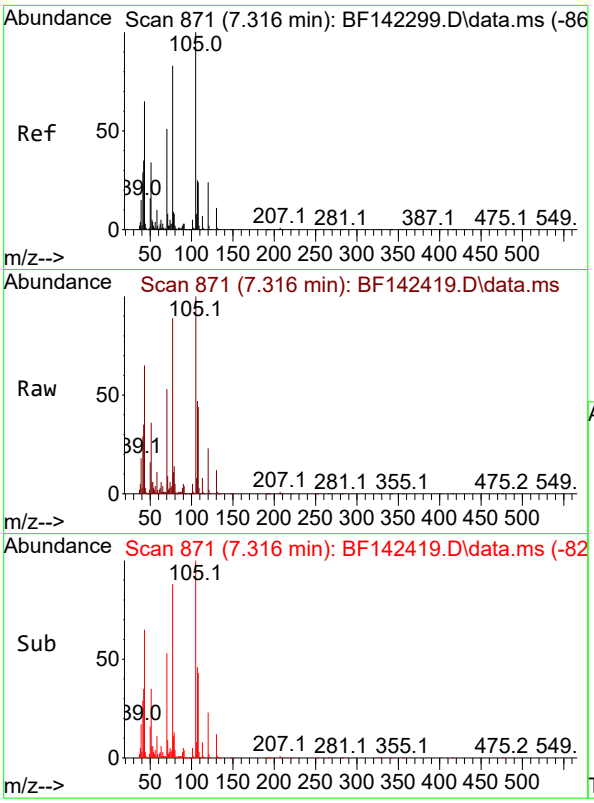


#18
Hexachloroethane
Concen: 44.006 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:117 Resp: 182804

Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.9	115.3
201	100.0	78.0	117.0

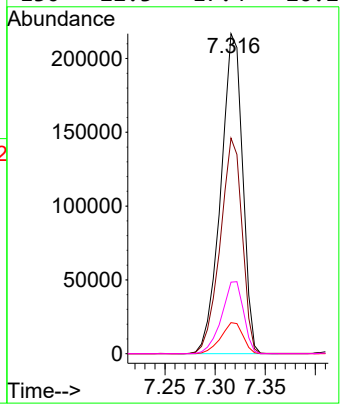




#19
n-Nitroso-di-n-propylamine
Concen: 42.265 ng
RT: 7.316 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion: 70 Resp: 32704

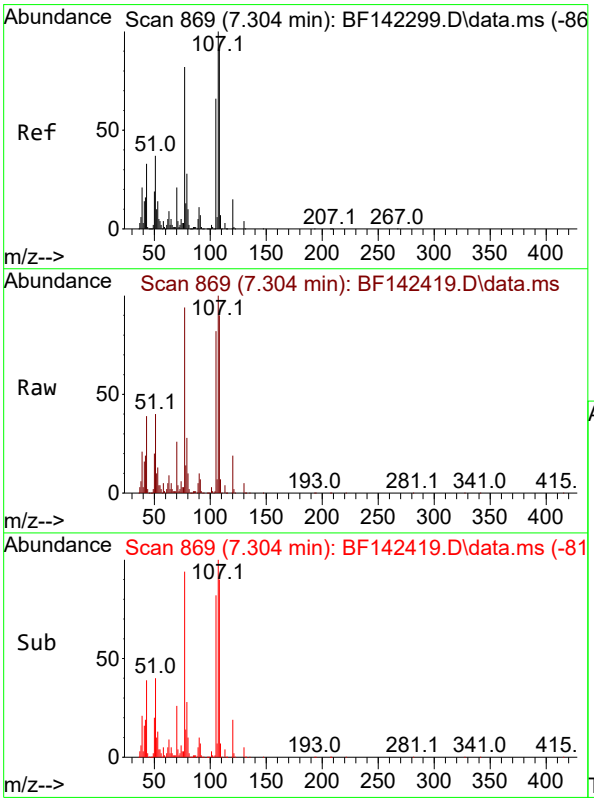
Ion	Ratio	Lower	Upper
70	100		
42	67.4	54.8	82.2
101	9.7	7.7	11.5
130	22.3	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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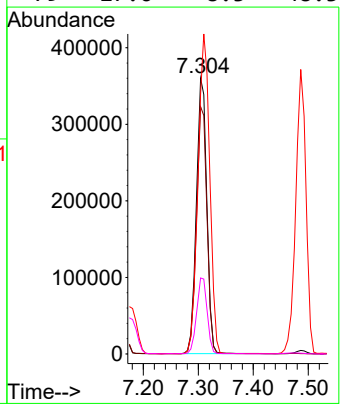
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

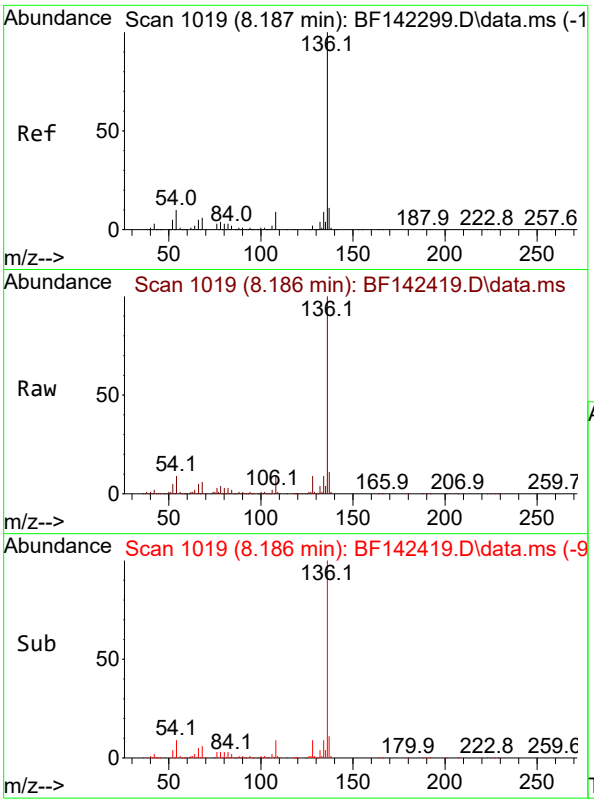


#20
3+4-Methylphenols
Concen: 43.110 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:107 Resp: 473450

Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.5	111.5
77	94.3	61.6	101.6
79	27.6	8.3	48.3

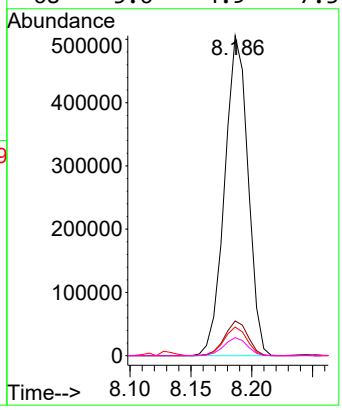




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:136 Resp: 67538

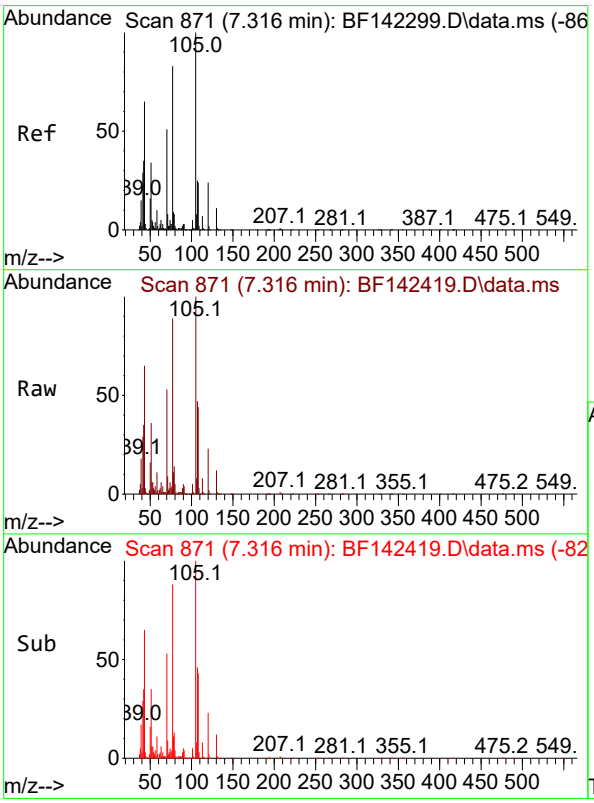
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.0	7.7	11.5
68	5.6	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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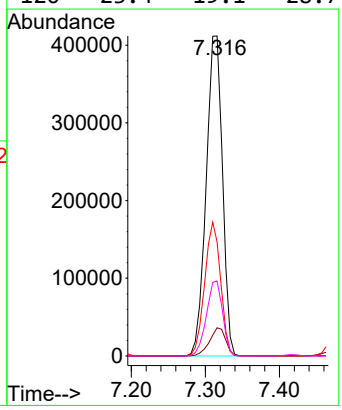
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

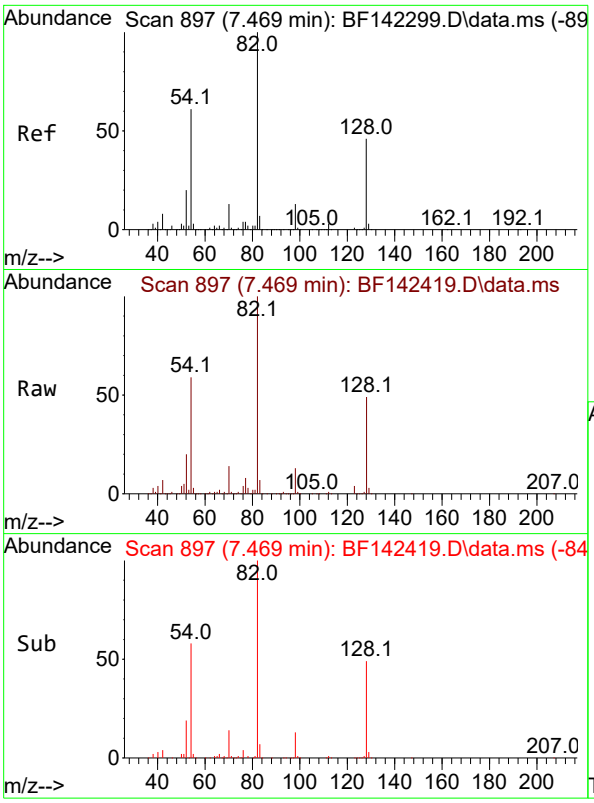


#22
Acetophenone
Concen: 41.910 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:105 Resp: 629352

Ion	Ratio	Lower	Upper
105	100		
71	8.8	6.7	10.1
51	35.6	27.6	41.4
120	23.4	19.1	28.7





#23
Nitrobenzene-d5
Concen: 83.092 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

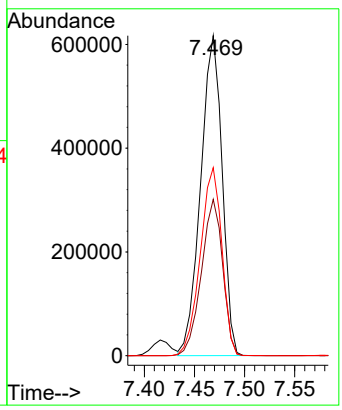
Tgt Ion: 82 Resp: 92017

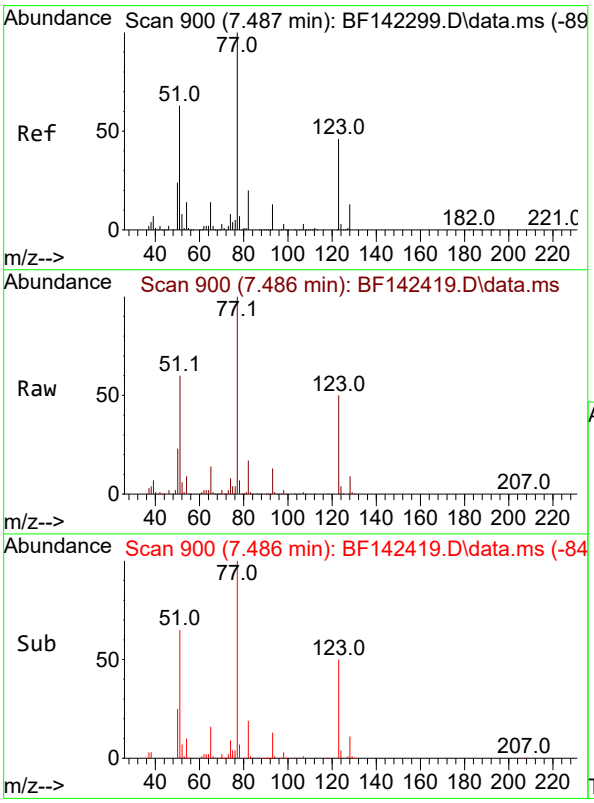
Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.0	55.6
54	58.8	48.6	73.0

Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

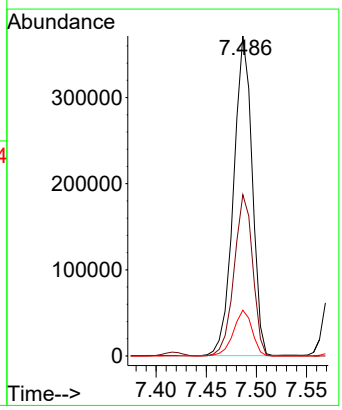


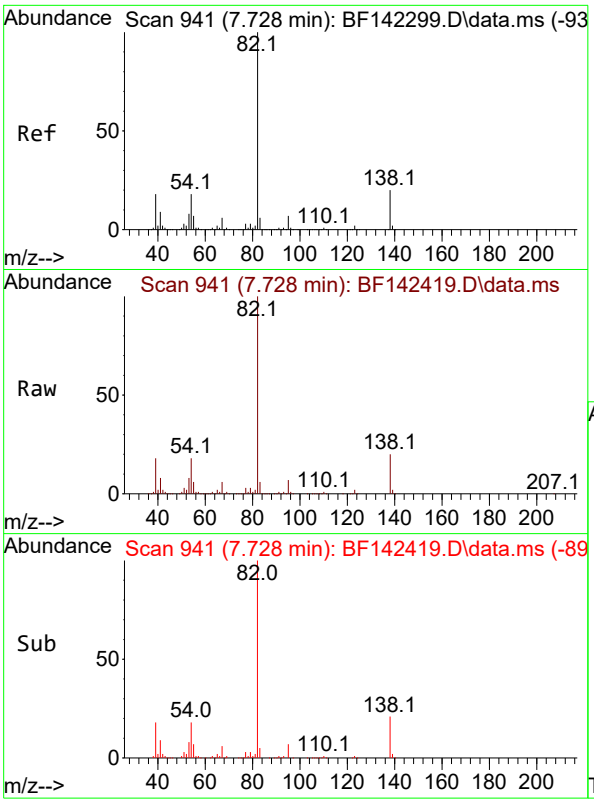


#24
Nitrobenzene
Concen: 45.917 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion: 77 Resp: 479320

Ion	Ratio	Lower	Upper
77	100		
123	50.4	37.8	56.8
65	14.3	11.4	17.0





#25
Isophorone
Concen: 42.876 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

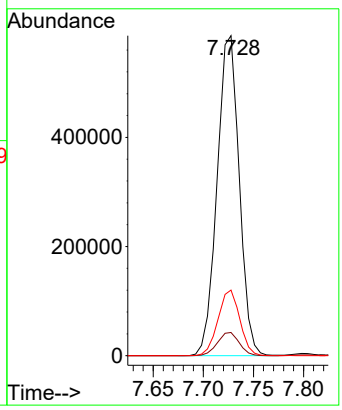
Tgt Ion: 82 Resp: 89913

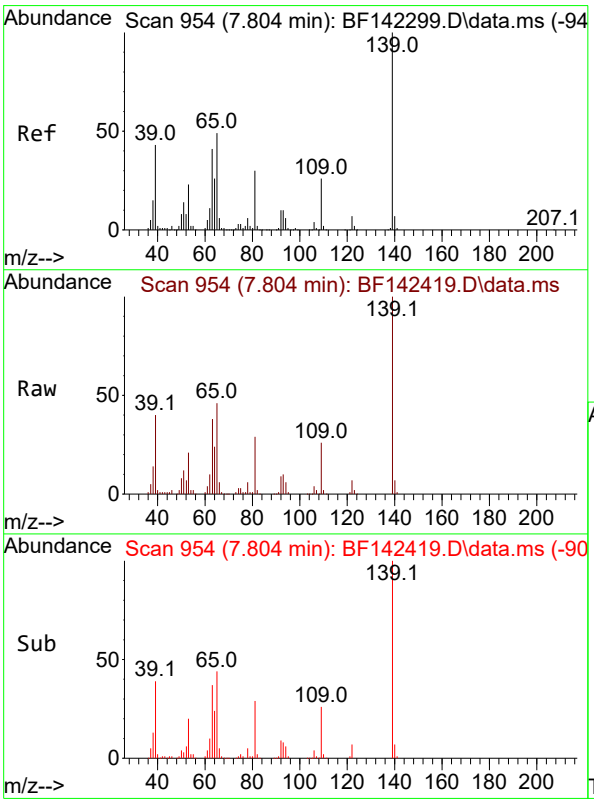
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	20.5	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

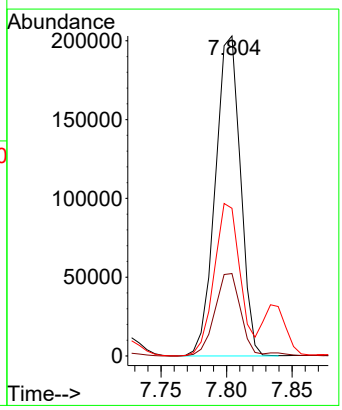


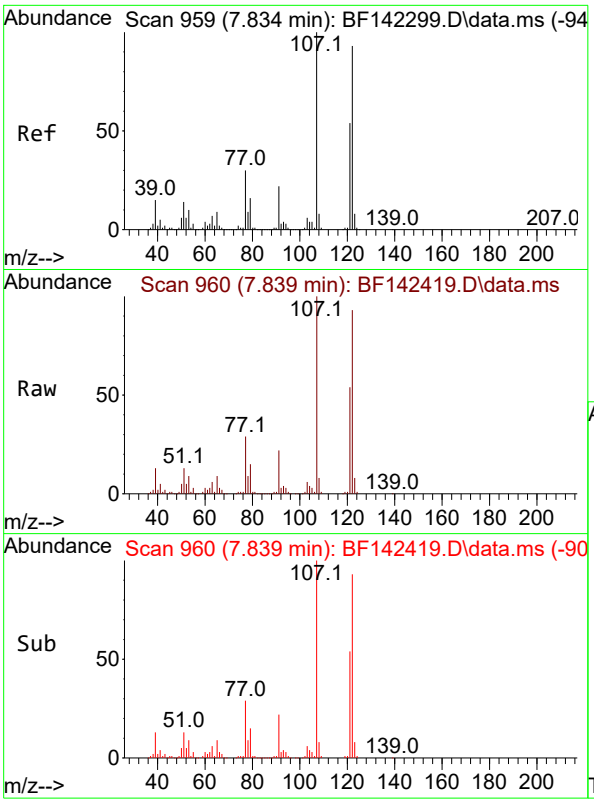


#26
2-Nitrophenol
Concen: 53.328 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:139 Resp: 270822

Ion	Ratio	Lower	Upper
139	100		
109	25.8	20.8	31.2
65	46.1	38.9	58.3

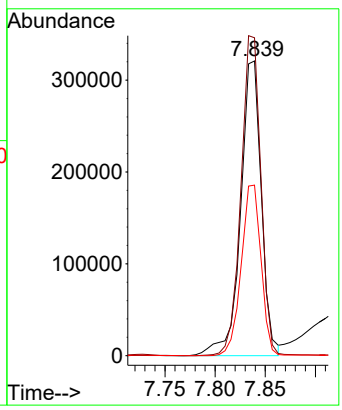




#27
2,4-Dimethylphenol
Concen: 43.930 ng
RT: 7.839 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:122 Resp: 46317

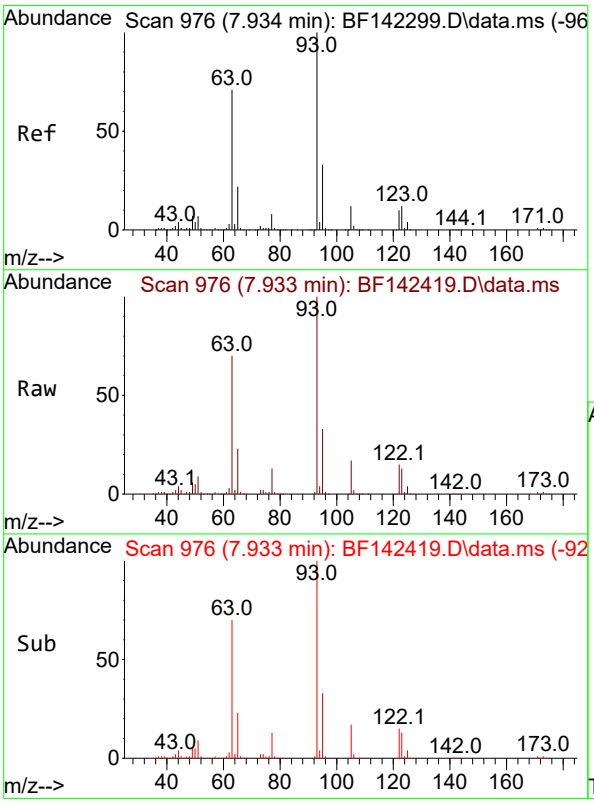
Ion	Ratio	Lower	Upper
122	100		
107	107.8	86.0	129.0
121	57.9	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
APPROVED

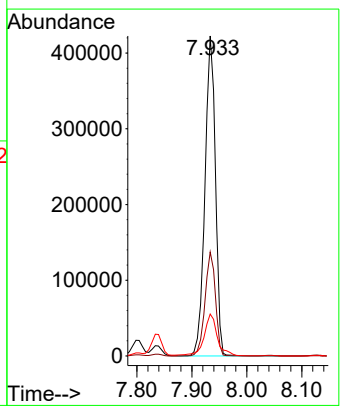
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

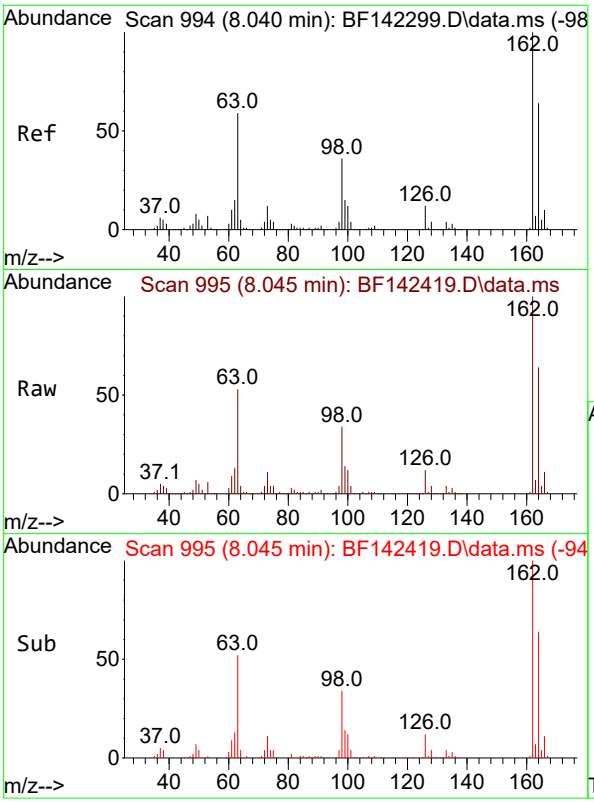


#28
bis(2-Chloroethoxy)methane
Concen: 41.461 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion: 93 Resp: 559083

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.1	39.1
123	13.1	10.2	15.4

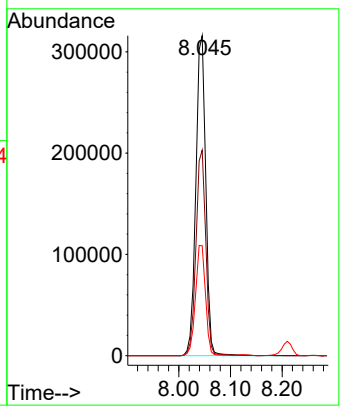




#29
2,4-Dichlorophenol
Concen: 46.877 ng
RT: 8.045 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:162 Resp: 42019

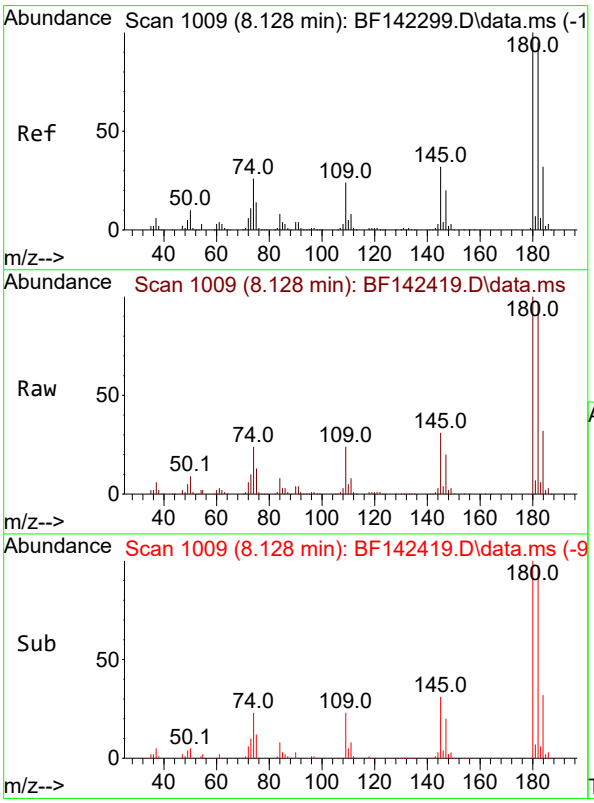
Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.6	83.6
98	34.3	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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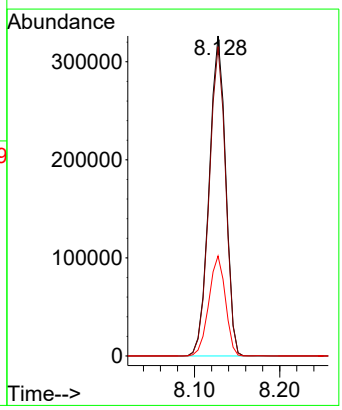
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

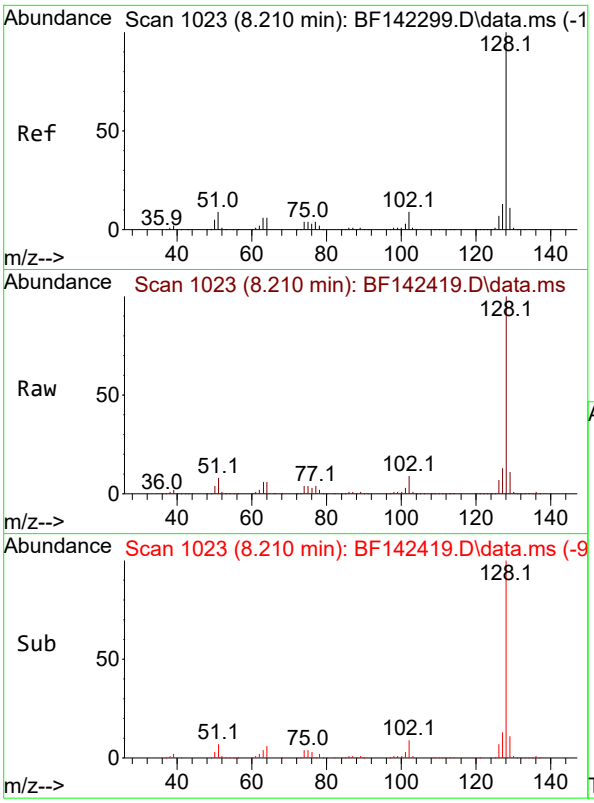


#30
1,2,4-Trichlorobenzene
Concen: 43.506 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:180 Resp: 438894

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.2	114.4
145	31.3	25.8	38.6

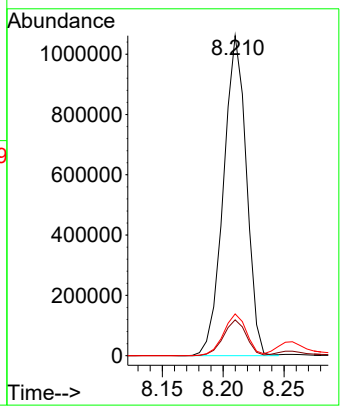




#31
Naphthalene
Concen: 42.509 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:128 Resp: 139145

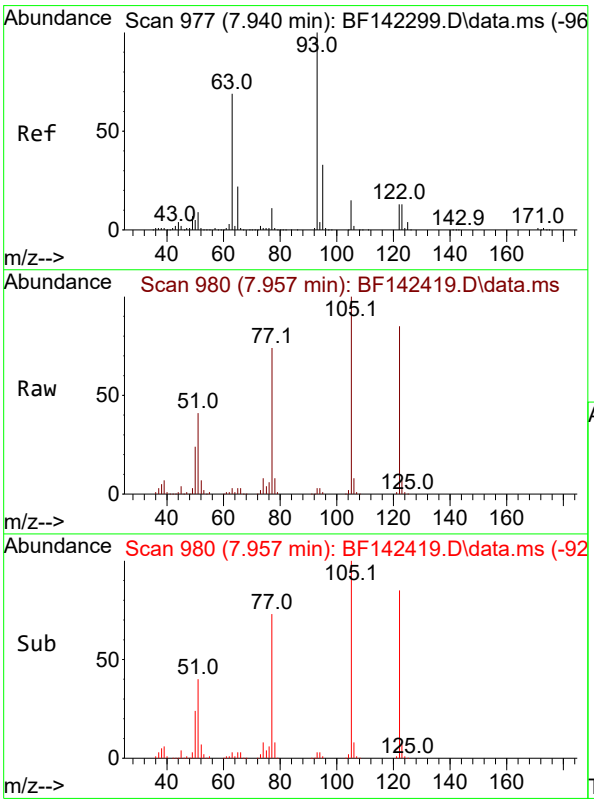
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.1	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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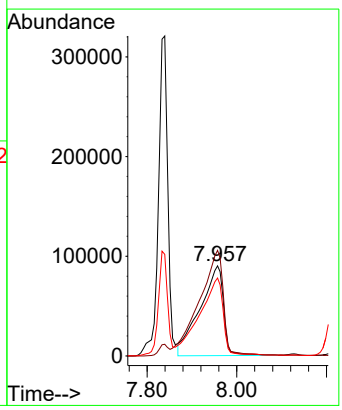
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

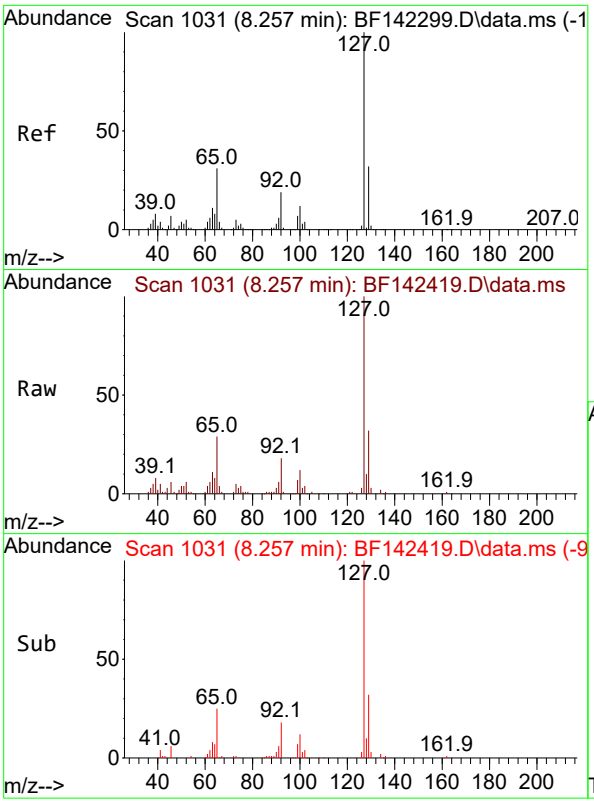


#32
Benzoic acid
Concen: 55.302 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.017 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:122 Resp: 326773

Ion	Ratio	Lower	Upper
122	100		
105	117.2	97.9	137.9
77	86.4	67.7	107.7

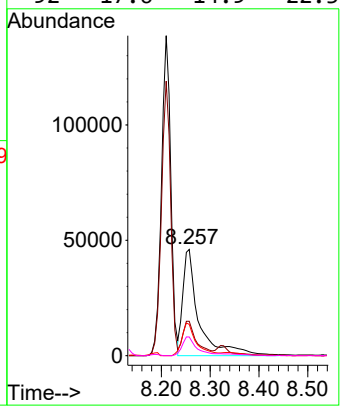




#33
4-Chloroaniline
Concen: 7.960 ng m
RT: 8.257 min Scan# 1
Delta R.T. -0.010 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:127 Resp: 10632

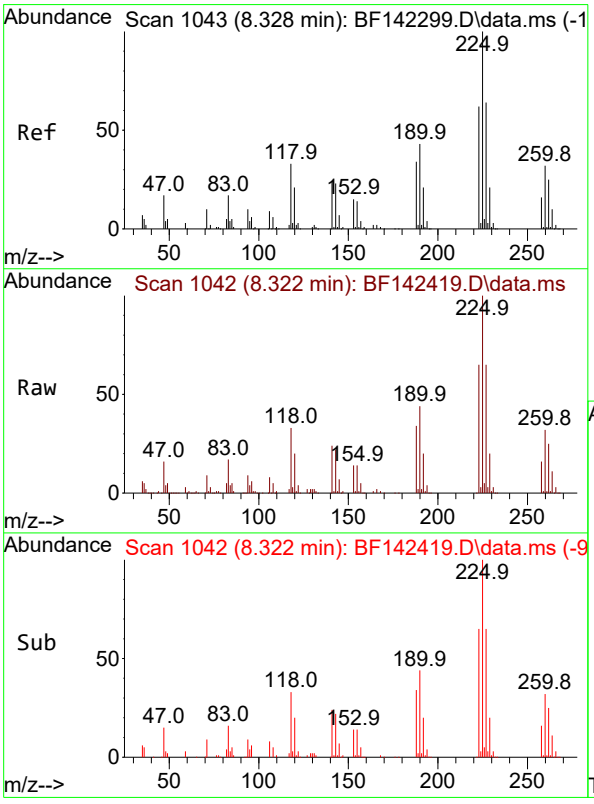
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	29.4	24.9	37.3
92	17.6	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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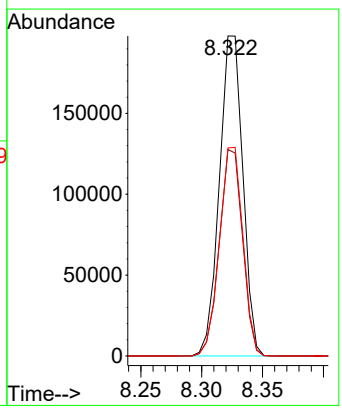
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

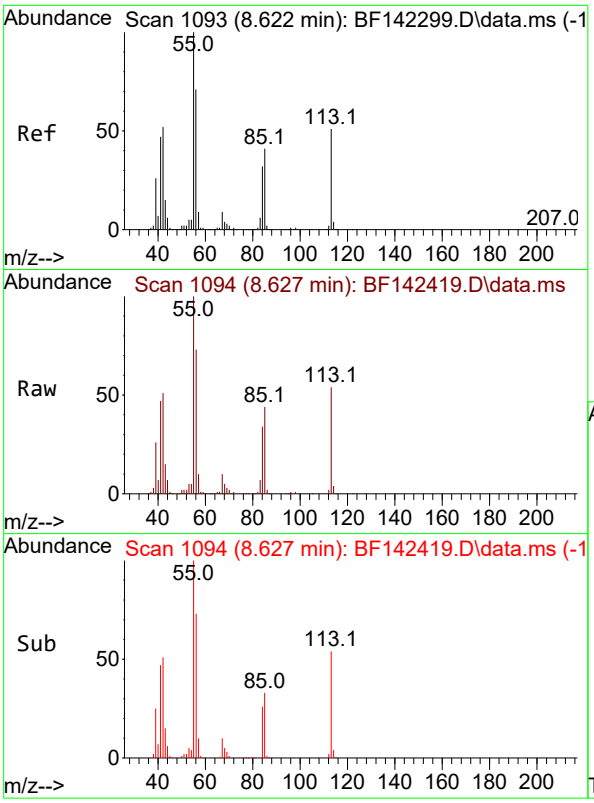


#34
Hexachlorobutadiene
Concen: 44.453 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:225 Resp: 265544

Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.8	74.6
227	65.0	50.9	76.3

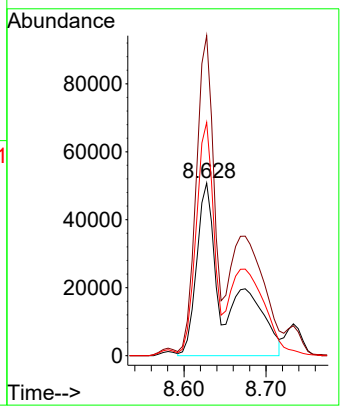




#35
Caprolactam
Concen: 50.315 ng m
RT: 8.627 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:113 Resp: 13144

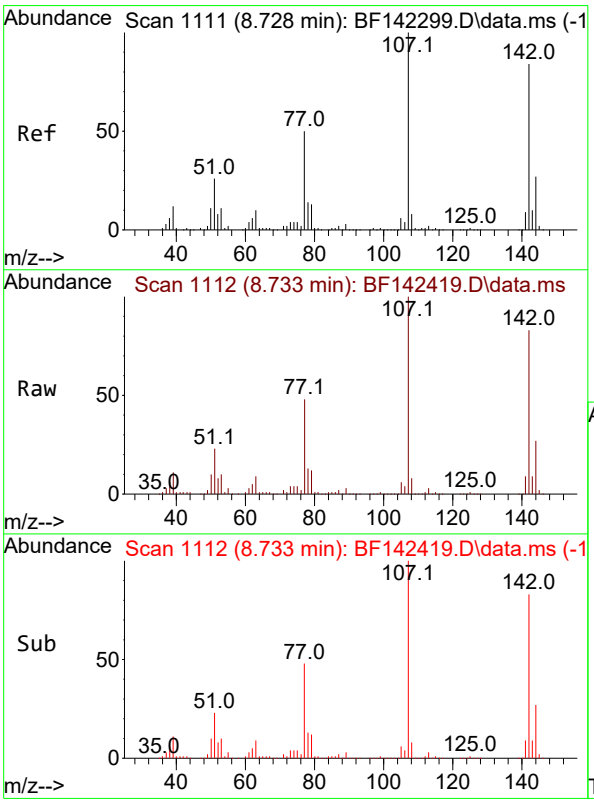
Ion	Ratio	Lower	Upper
113	100		
55	185.3	176.4	216.4
56	135.0	120.3	160.3



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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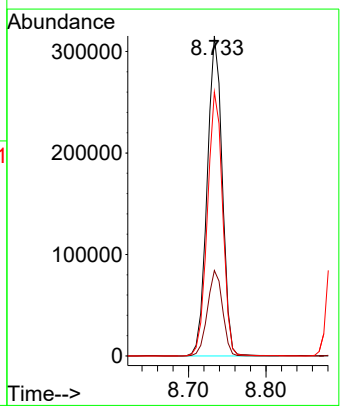
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

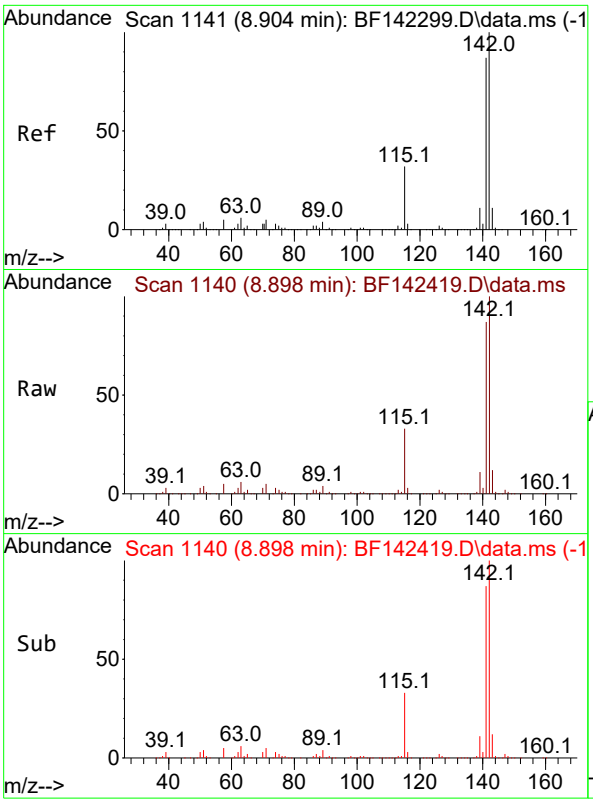


#36
4-Chloro-3-methylphenol
Concen: 45.687 ng
RT: 8.733 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:107 Resp: 425708

Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.3	31.9
142	82.5	66.9	100.3





#37
2-Methylnaphthalene
Concen: 43.042 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

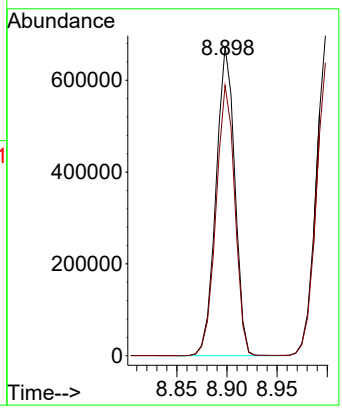
Tgt Ion:142 Resp: 87546

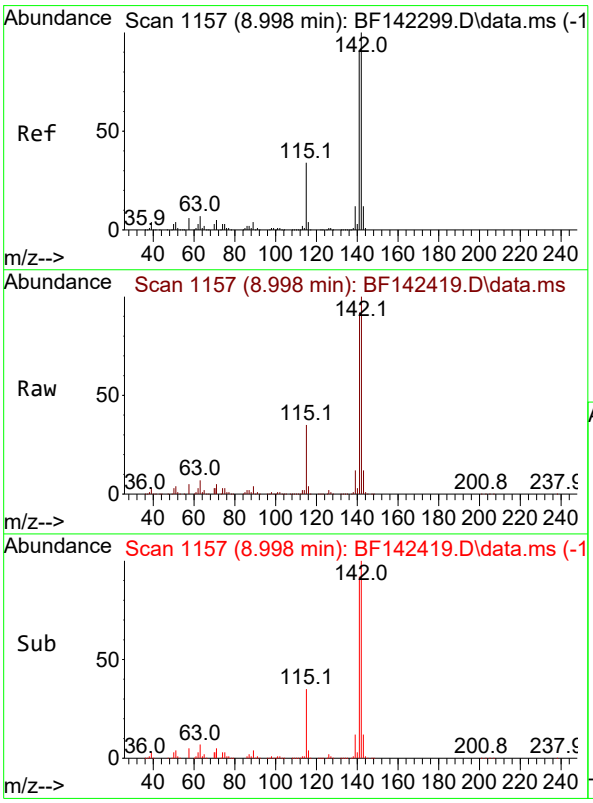
Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.4	104.2

Instrument :
BNA_F
ClientSampleId :
PB167953BS

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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

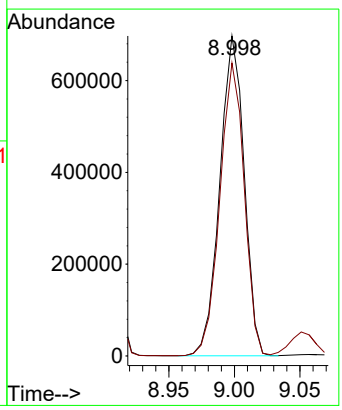


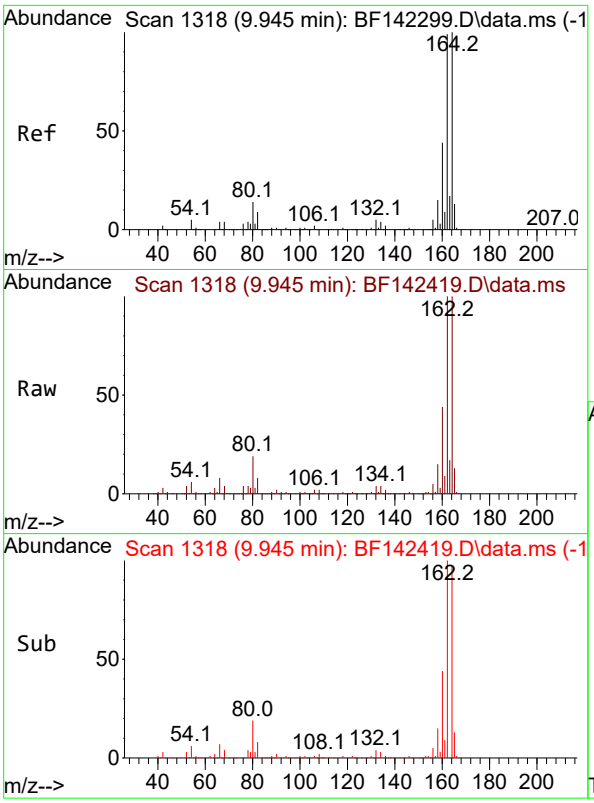


#38
1-Methylnaphthalene
Concen: 42.437 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:142 Resp: 899635

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.5	108.7

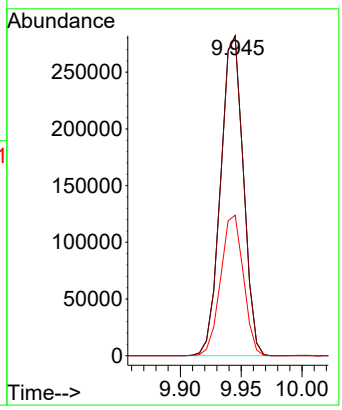




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:164 Resp: 36656

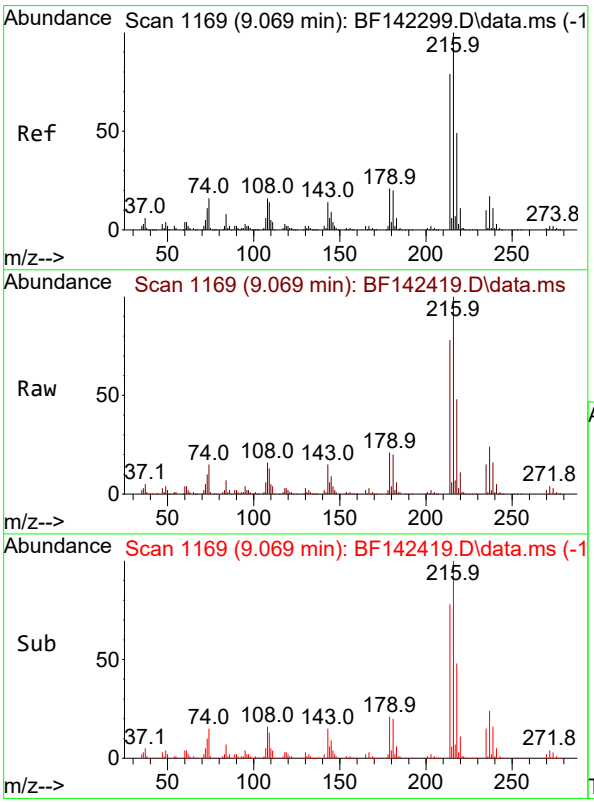
Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.2	118.8
160	43.9	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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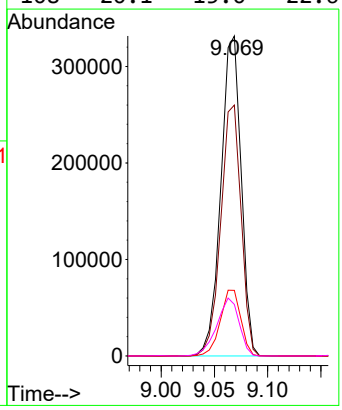
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

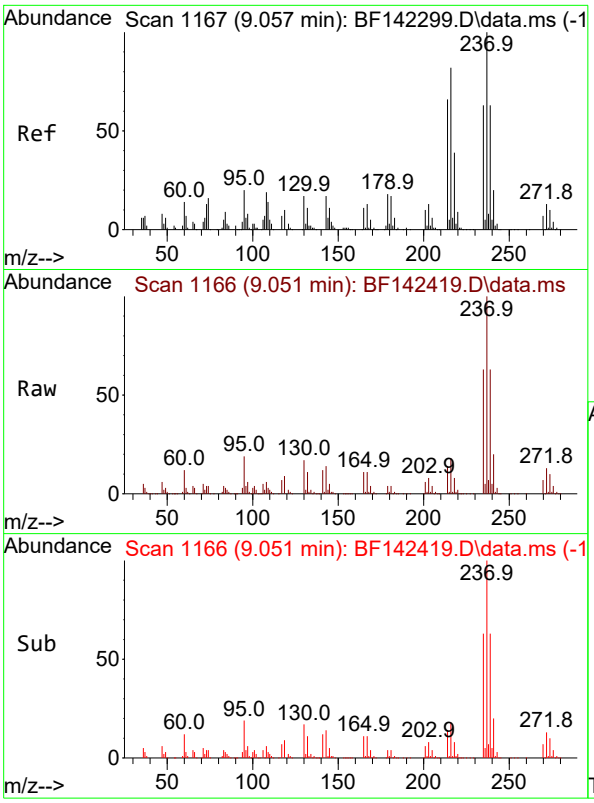


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.775 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:216 Resp: 437922

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.8	95.6
179	20.9	17.0	25.6
108	20.1	15.0	22.6

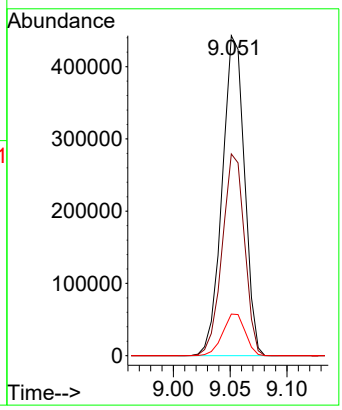




#41
Hexachlorocyclopentadiene
Concen: 95.256 ng
RT: 9.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:237 Resp: 60270

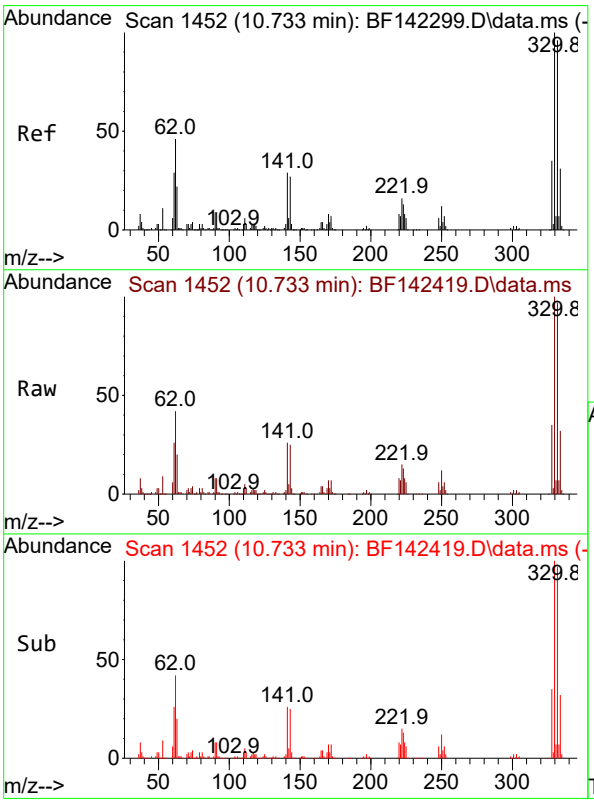
Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.8	82.8
272	13.0	0.0	33.0



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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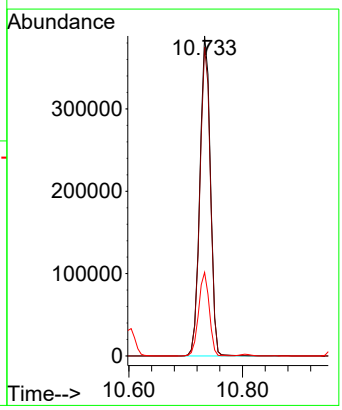
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

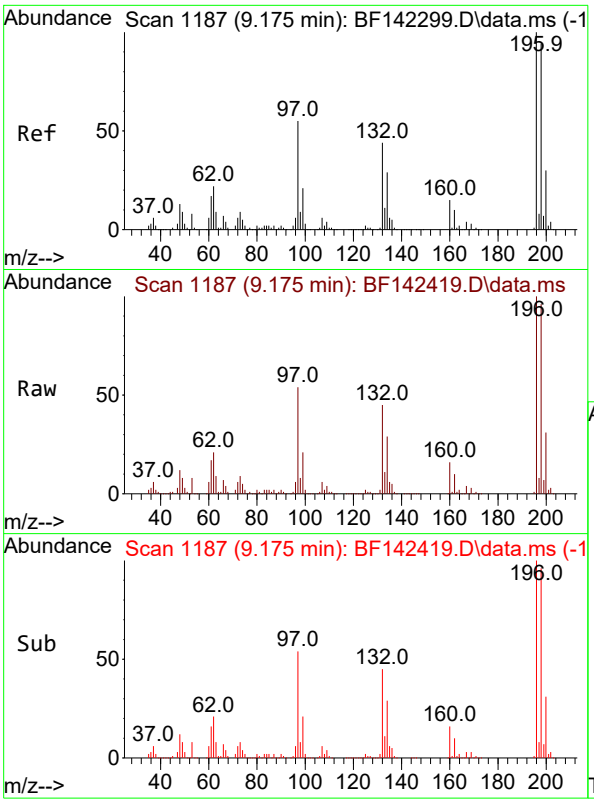


#42
2,4,6-Tribromophenol
Concen: 141.416 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:330 Resp: 500490

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	26.4	24.9	37.3

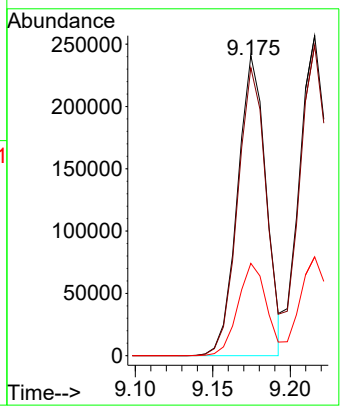




#43
2,4,6-Trichlorophenol
Concen: 47.587 ng
RT: 9.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:196 Resp: 30730

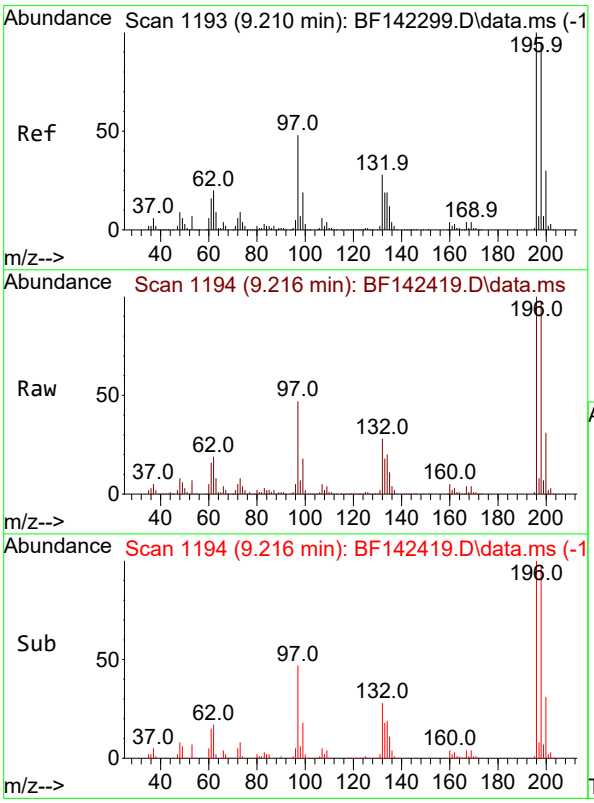
Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.4	113.0
200	30.7	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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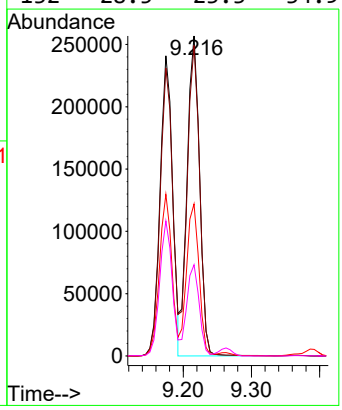
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

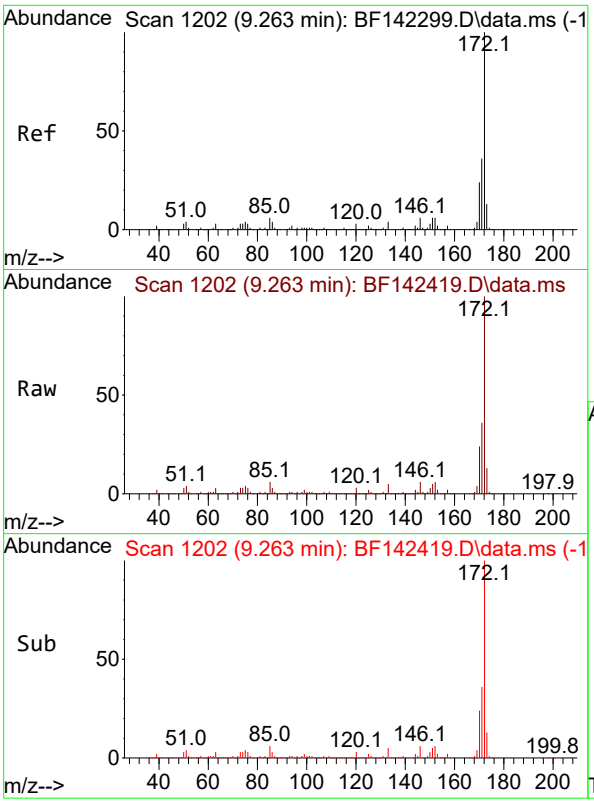


#44
2,4,5-Trichlorophenol
Concen: 47.278 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:196 Resp: 324851

Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.1	114.1
97	47.5	39.0	58.4
132	28.5	23.3	34.9

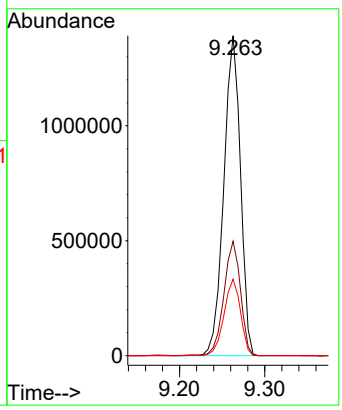




#45
2-Fluorobiphenyl
Concen: 73.396 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:172 Resp: 188686

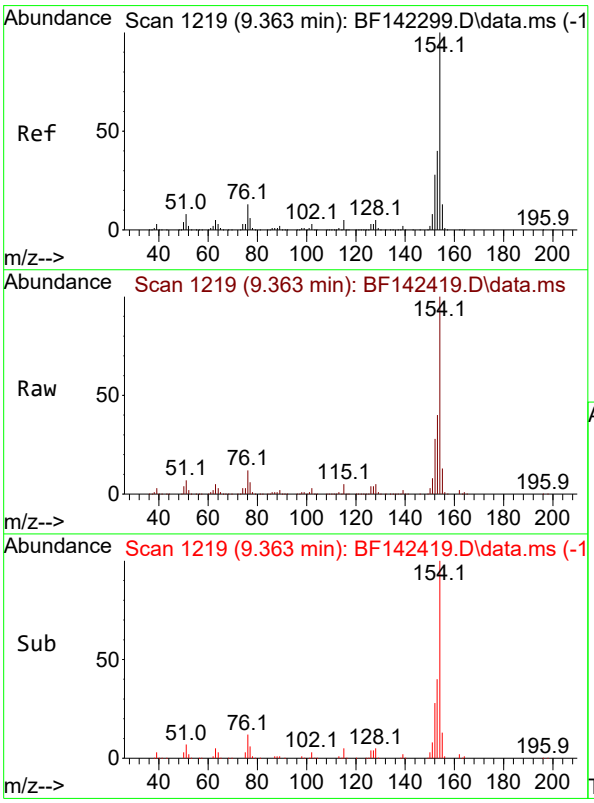
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.9	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
APPROVED

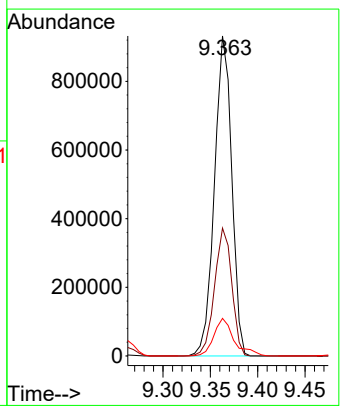
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

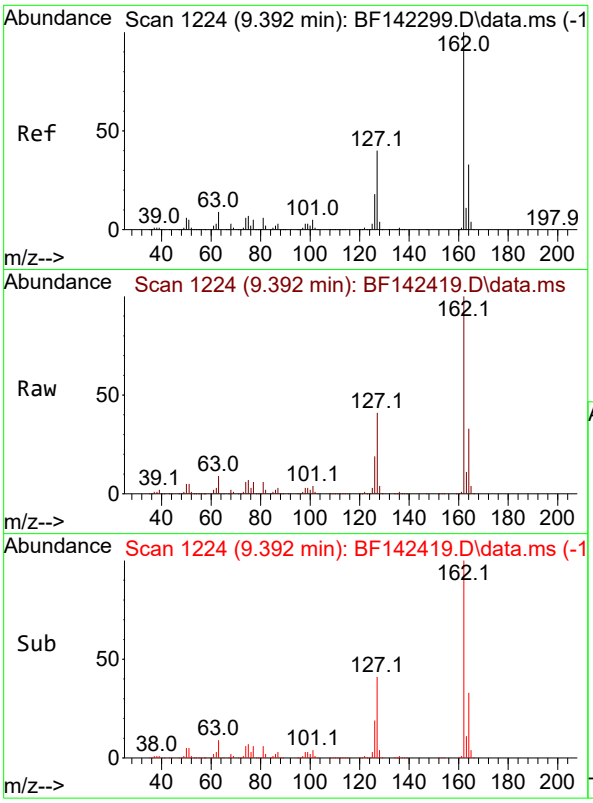


#46
1,1'-Biphenyl
Concen: 42.106 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:154 Resp: 1183448

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.5	60.5
76	11.8	0.0	32.8

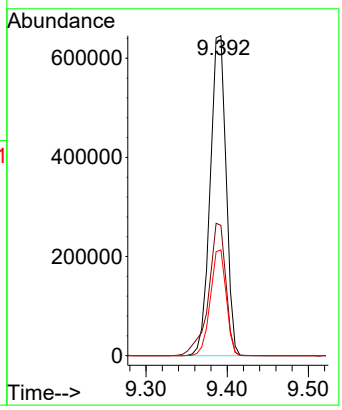




#47
2-Chloronaphthalene
Concen: 41.973 ng
RT: 9.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:162 Resp: 87730

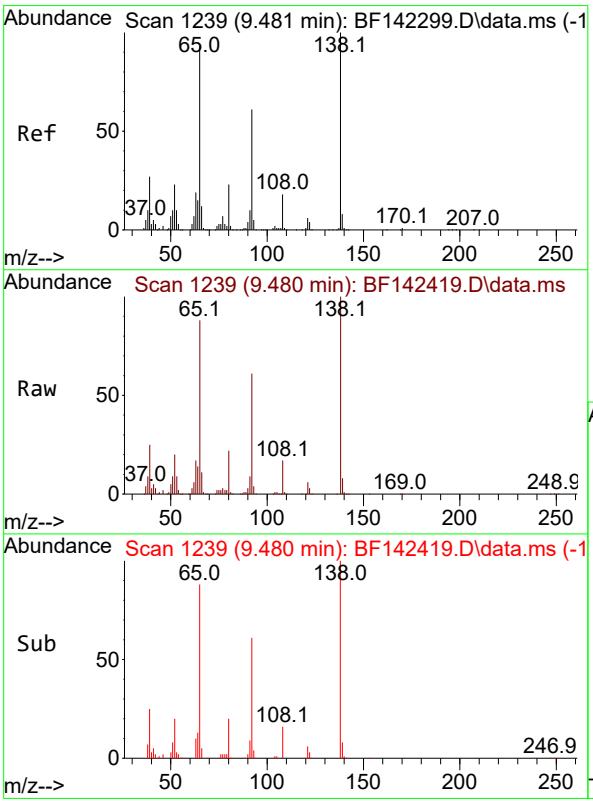
Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.3	48.5
164	33.0	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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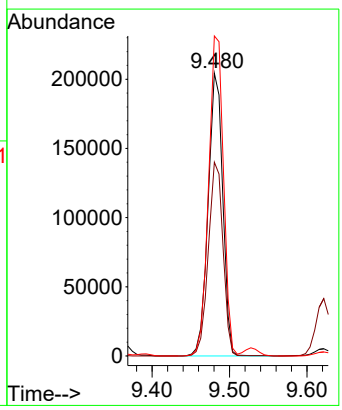
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

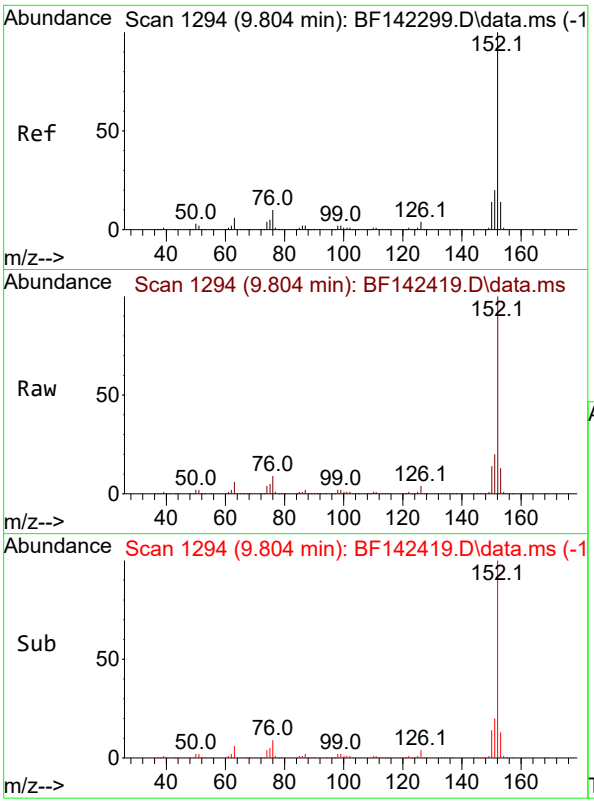


#48
2-Nitroaniline
Concen: 50.072 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion: 65 Resp: 268263

Ion	Ratio	Lower	Upper
65	100		
92	68.5	52.3	78.5
138	113.2	85.6	128.4

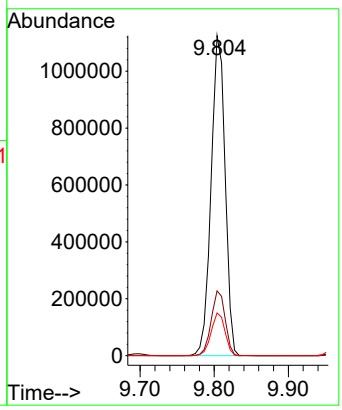




#49
Acenaphthylene
Concen: 42.263 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:152 Resp: 147778

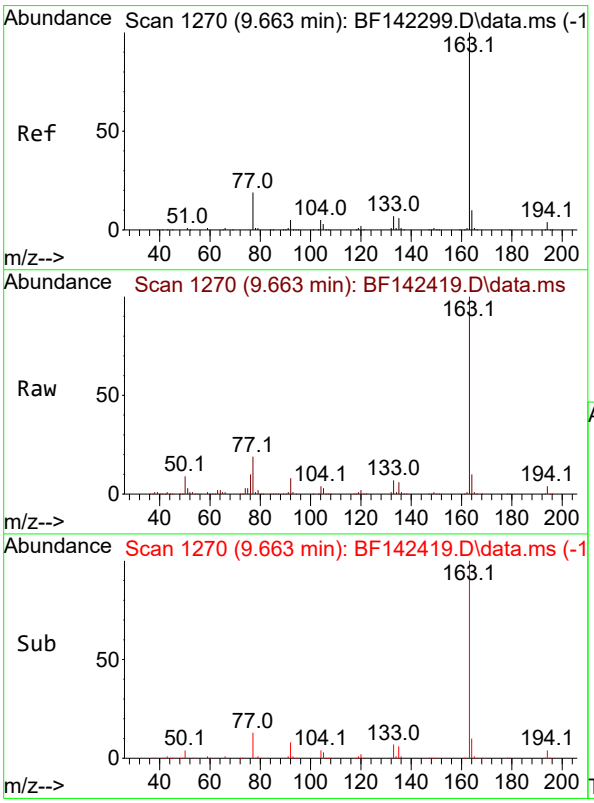
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	13.3	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
APPROVED

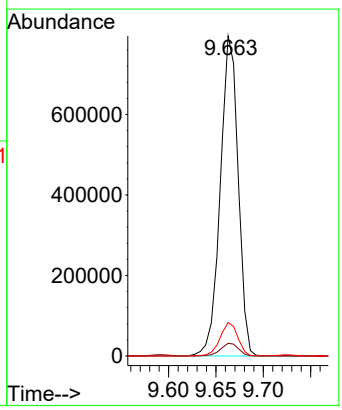
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

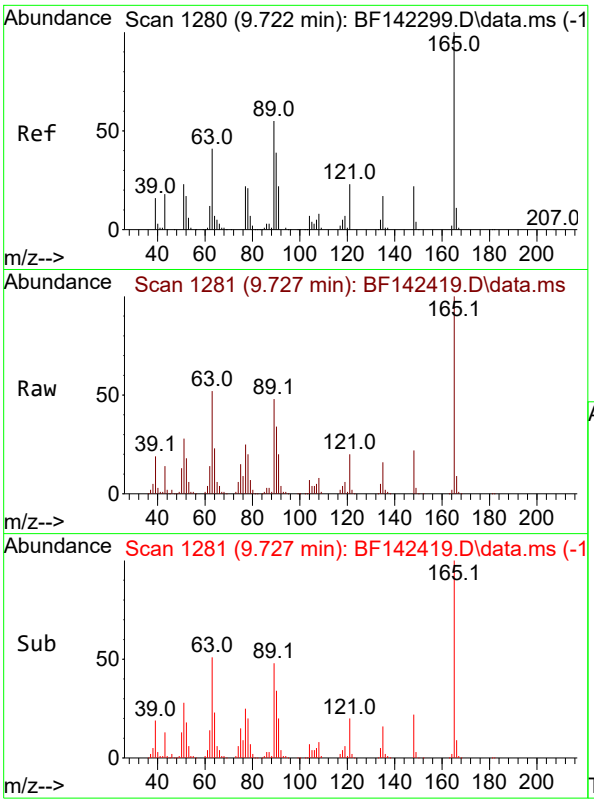


#50
Dimethylphthalate
Concen: 44.423 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:163 Resp: 1045636

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 52.326 ng
RT: 9.727 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

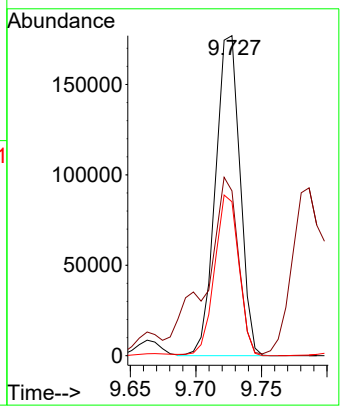
Tgt Ion:165 Resp: 23054

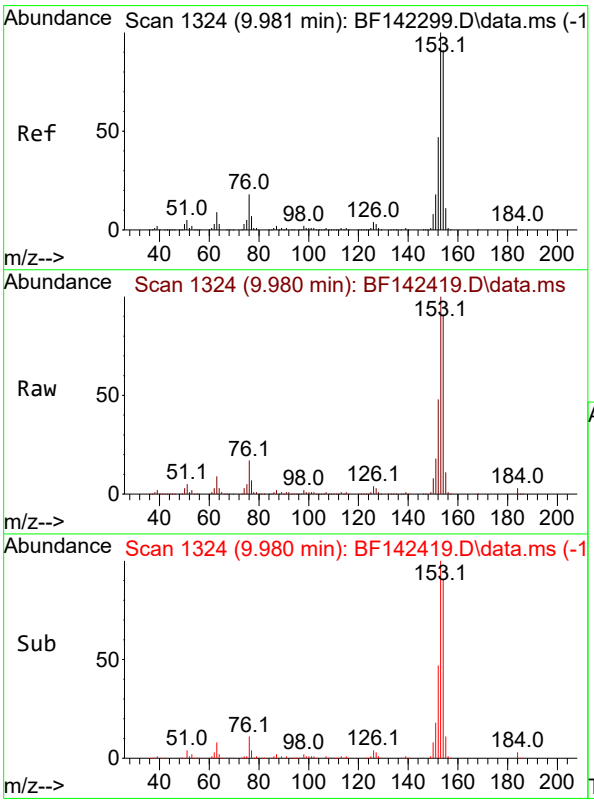
Ion	Ratio	Lower	Upper
165	100		
63	51.5	49.5	74.3
89	48.1	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

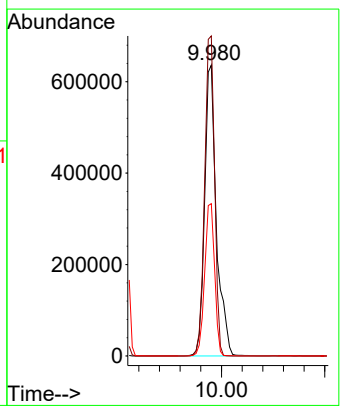


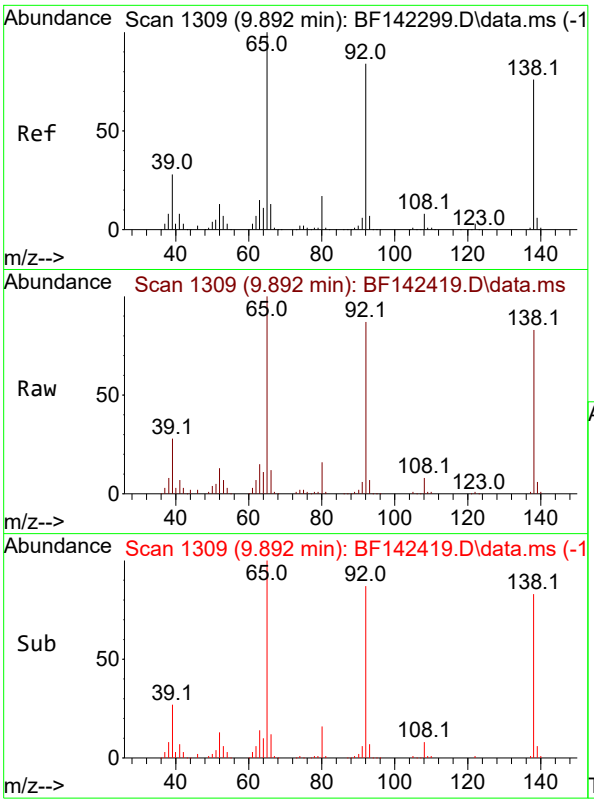


#52
Acenaphthene
Concen: 47.949 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:154 Resp: 1008110

Ion	Ratio	Lower	Upper
154	100		
153	110.0	88.0	132.0
152	52.4	41.6	62.4





#53
3-Nitroaniline
Concen: 25.264 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

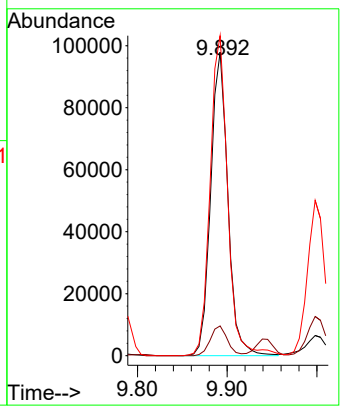
Tgt Ion:138 Resp: 13054

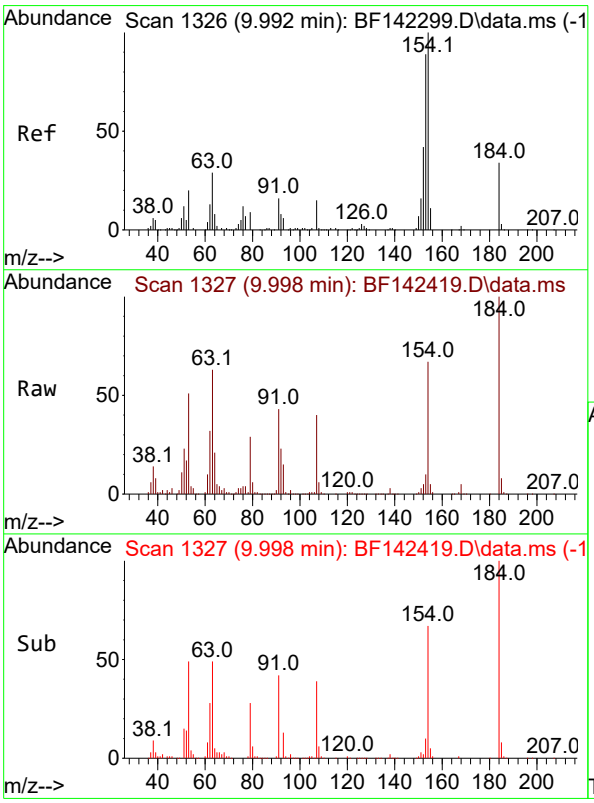
Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.7	13.1
92	105.4	89.5	134.3

Instrument :
BNA_F
ClientSampleId :
PB167953BS

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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

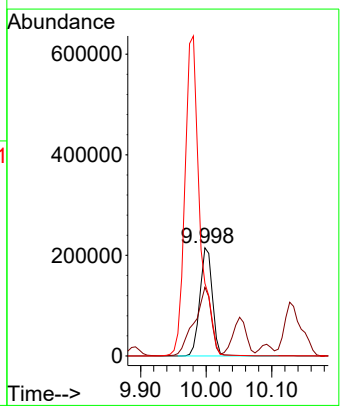


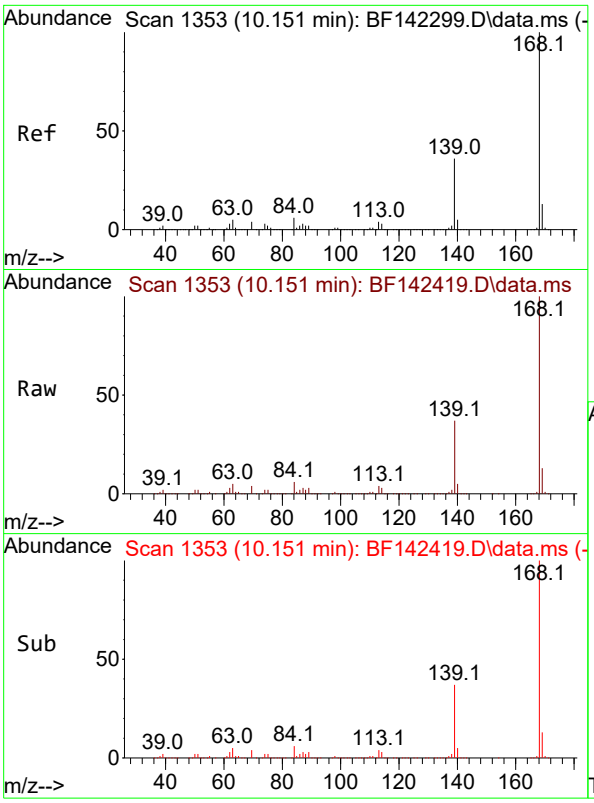


#54
2,4-Dinitrophenol
Concen: 120.101 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:184 Resp: 286628

Ion	Ratio	Lower	Upper
184	100		
63	63.5	70.6	105.8#
154	67.2	257.2	385.8#

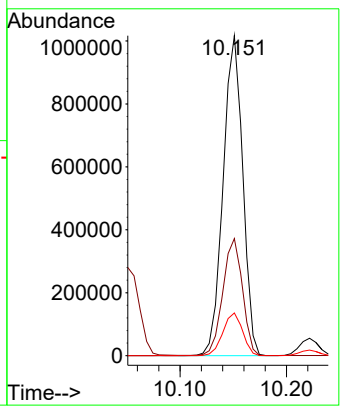




#55
Dibenzofuran
Concen: 41.879 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:168 Resp: 129945

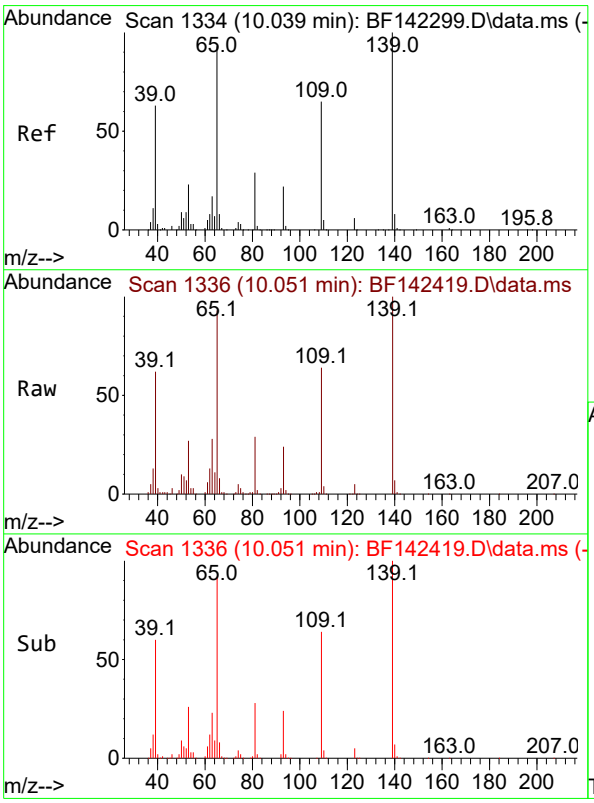
Ion	Ratio	Lower	Upper
168	100		
139	36.6	29.0	43.4
169	13.4	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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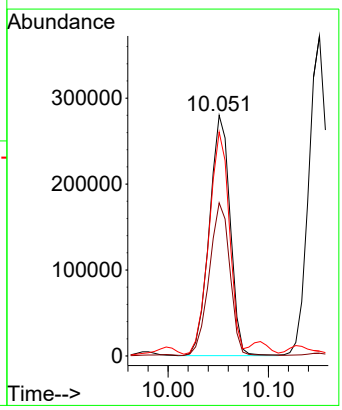
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

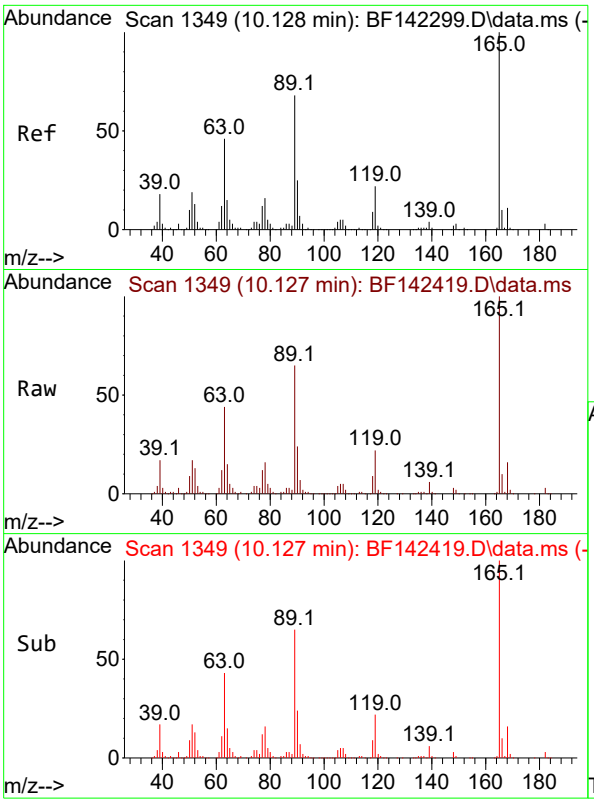


#56
4-Nitrophenol
Concen: 103.592 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:139 Resp: 402874

Ion	Ratio	Lower	Upper
139	100		
109	63.6	45.3	85.3
65	93.1	73.9	113.9

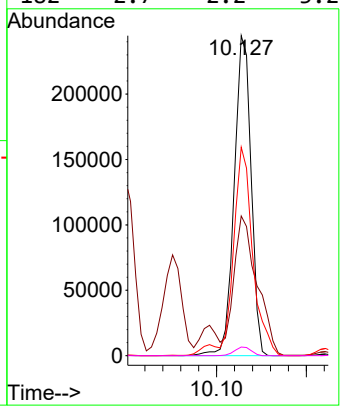




#57
2,4-Dinitrotoluene
Concen: 56.507 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:165 Resp: 31935

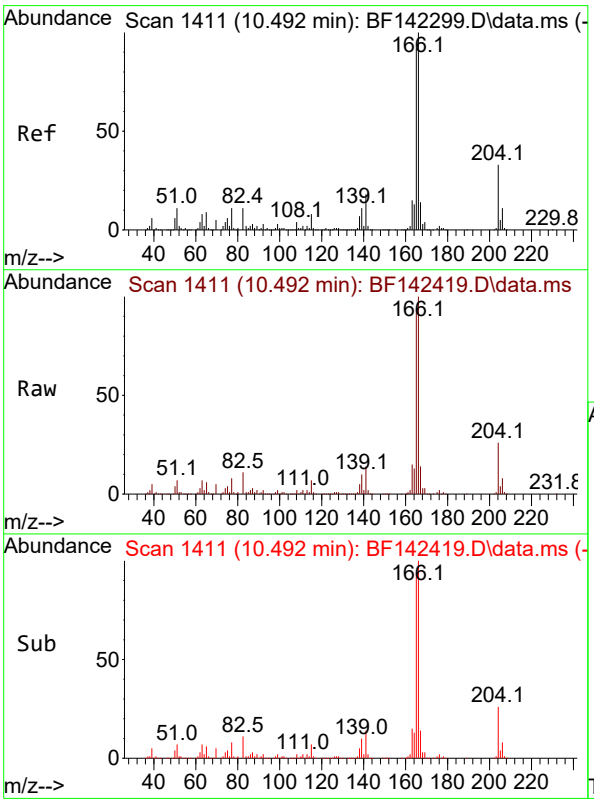
Ion	Ratio	Lower	Upper
165	100		
63	43.7	37.1	55.7
89	65.2	54.4	81.6
182	2.7	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
APPROVED

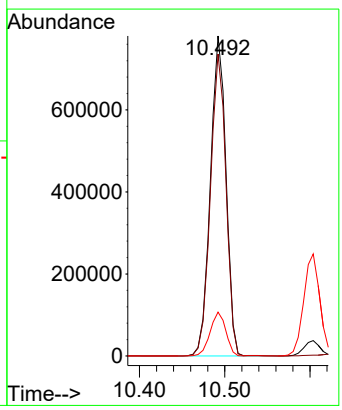
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

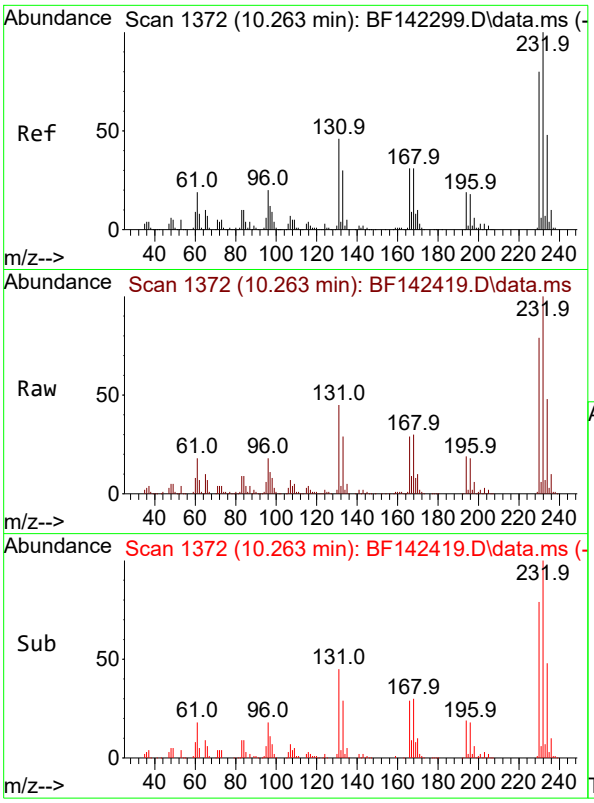


#58
Fluorene
Concen: 41.911 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:166 Resp: 992432

Ion	Ratio	Lower	Upper
166	100		
165	94.3	74.0	111.0
167	13.7	10.9	16.3

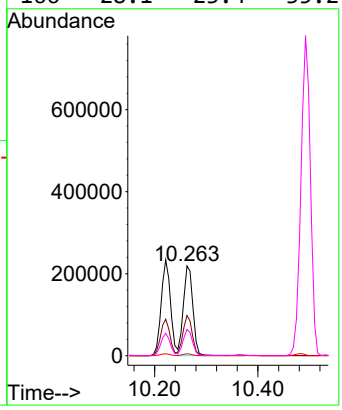




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.943 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:232 Resp: 27761

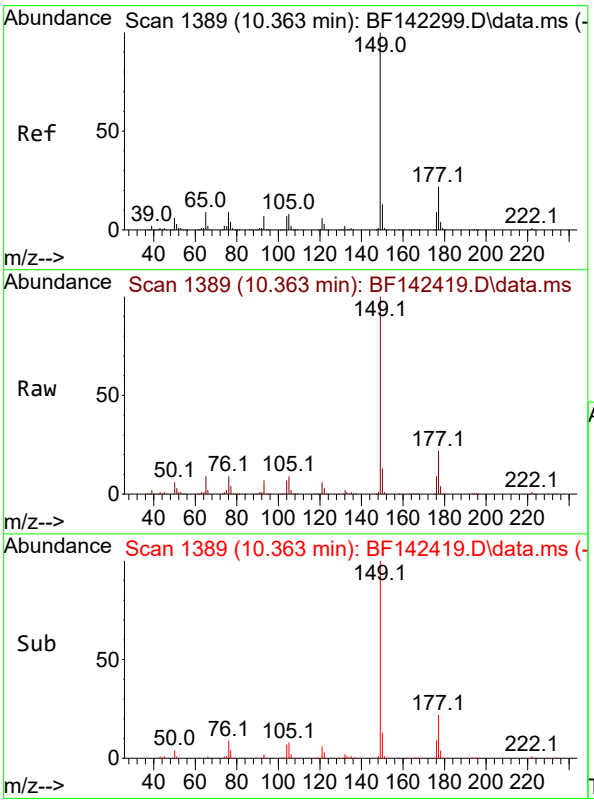
Ion	Ratio	Lower	Upper
232	100		
131	44.5	36.0	54.0
130	2.2	1.8	2.6
166	28.1	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
PB167953BS

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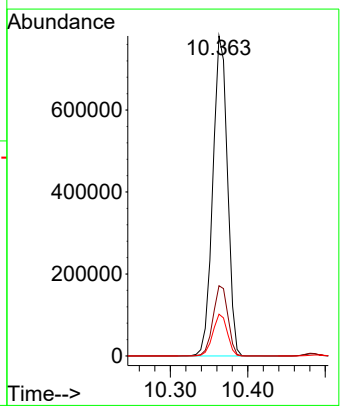
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

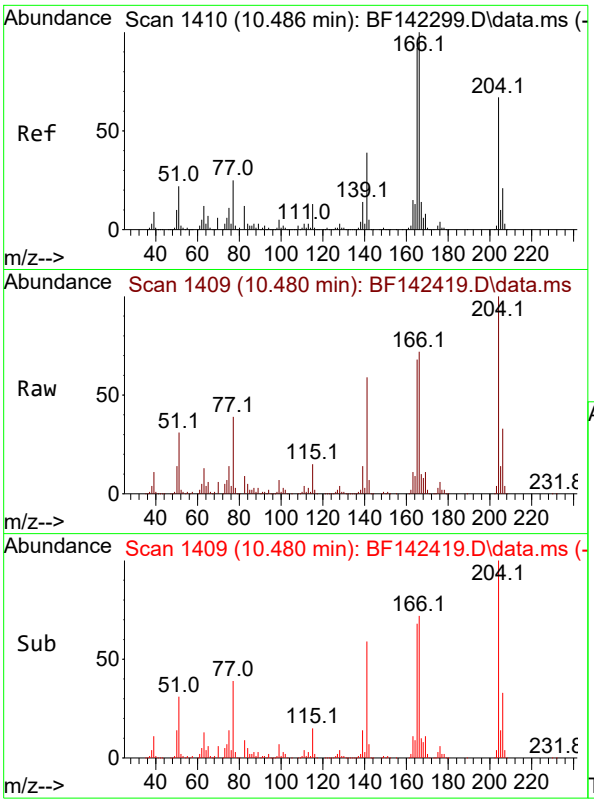


#60
Diethylphthalate
Concen: 43.520 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:149 Resp: 1022998

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	13.0	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.740 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

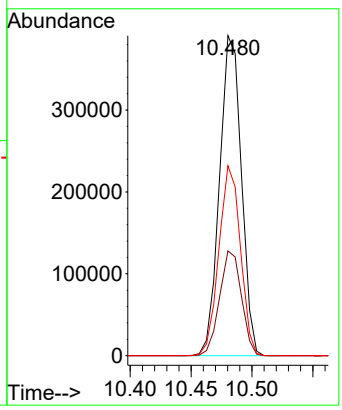
Instrument :
BNA_F
ClientSampleId :
PB167953BS

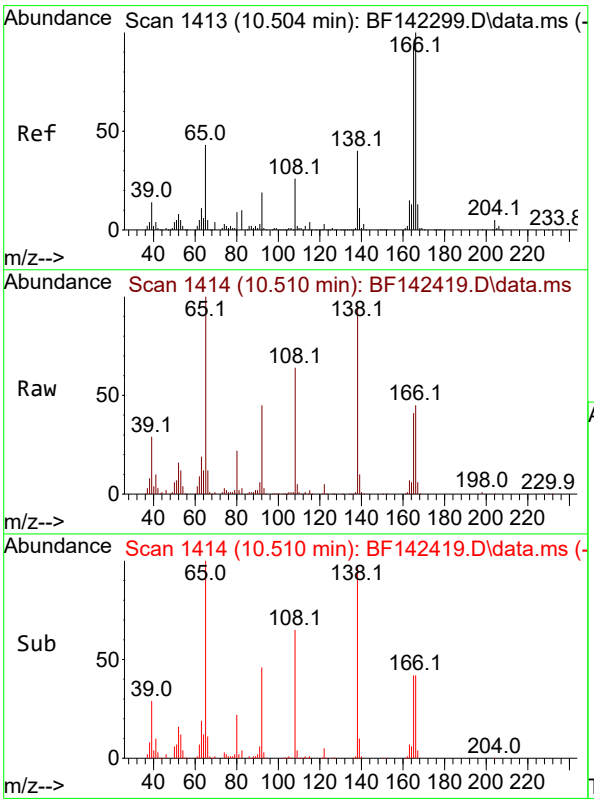
Tgt Ion:204 Resp: 48827

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.5	38.3
141	59.4	46.4	69.6

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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

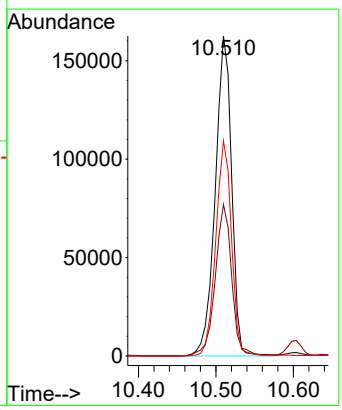


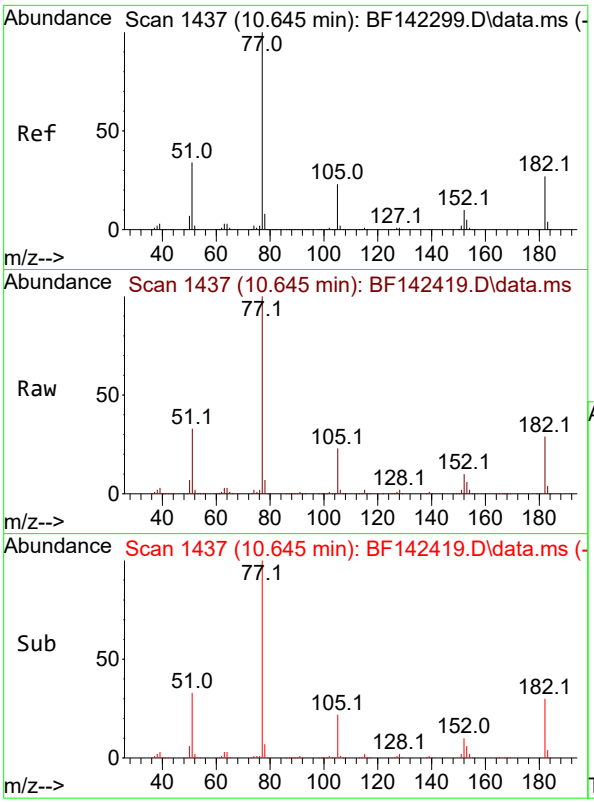


#62
4-Nitroaniline
Concen: 58.343 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:138 Resp: 238941

Ion	Ratio	Lower	Upper
138	100		
92	47.4	27.3	67.3
108	67.3	45.1	85.1

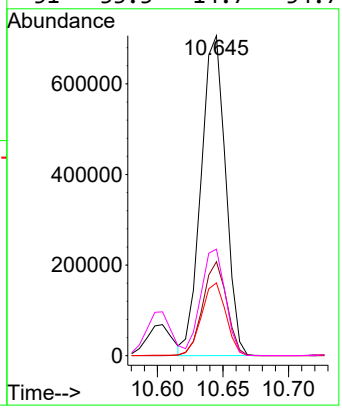




#63
Azobenzene
Concen: 40.950 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion: 77 Resp: 91983

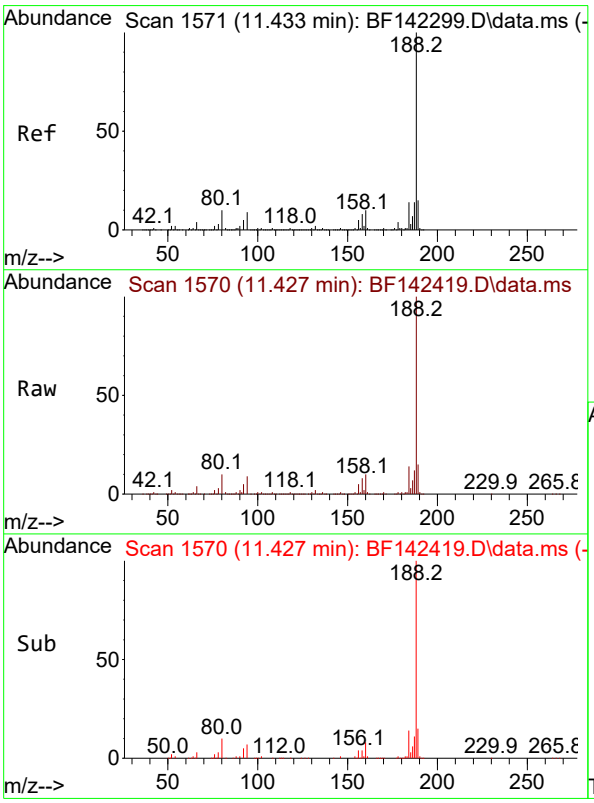
Ion	Ratio	Lower	Upper
77	100		
182	29.4	6.9	46.9
105	22.7	2.7	42.7
51	33.3	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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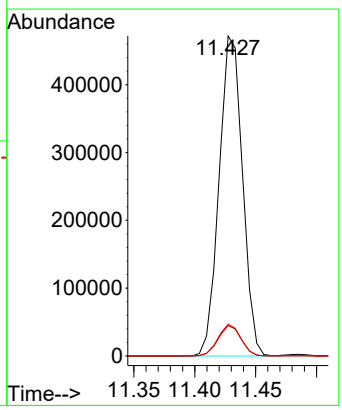
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

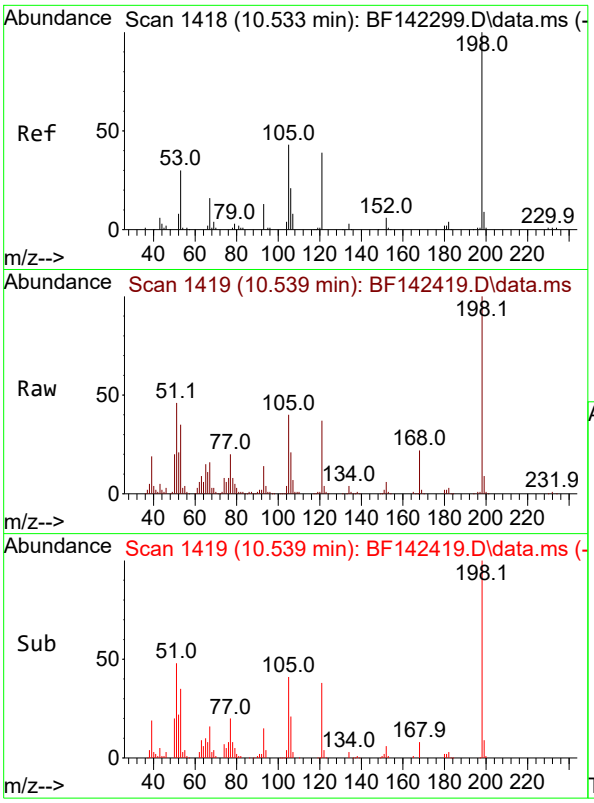


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:188 Resp: 630880

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.0	7.9	11.9

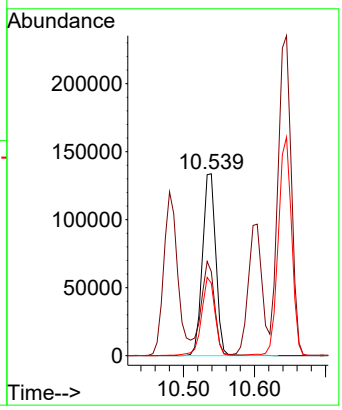




#65
4,6-Dinitro-2-methylphenol
Concen: 57.854 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:198 Resp: 17524

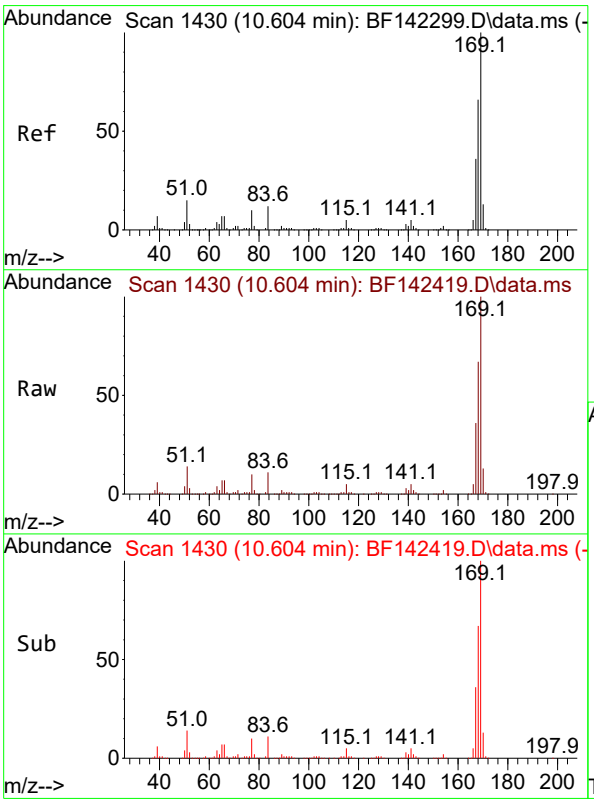
Ion	Ratio	Lower	Upper
198	100		
51	46.2	32.9	72.9
105	39.9	23.7	63.7



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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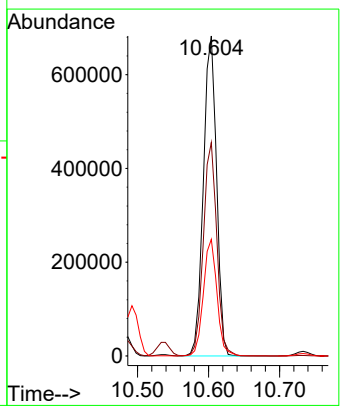
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

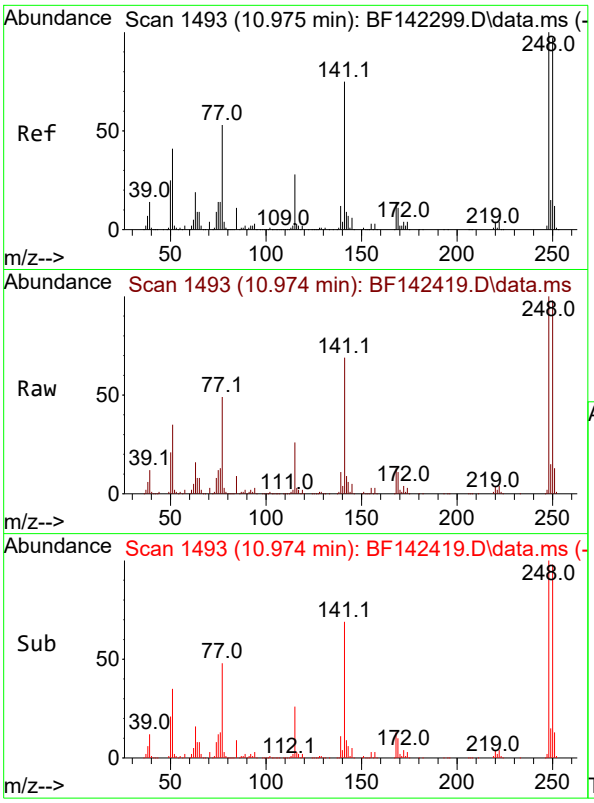


#66
n-Nitrosodiphenylamine
Concen: 41.995 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:169 Resp: 881615

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	36.5	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 43.808 ng
RT: 10.974 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

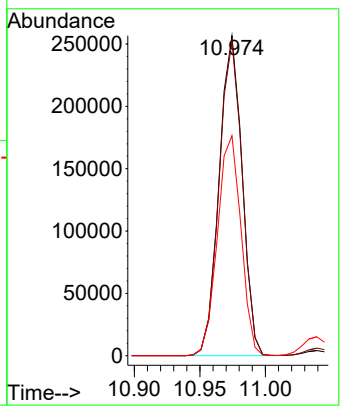
Tgt Ion:248 Resp: 31322

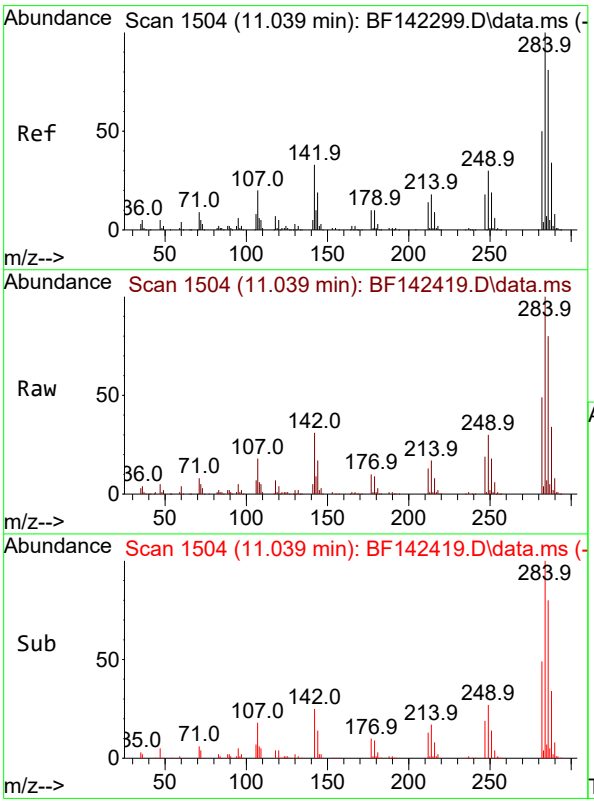
Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.9	116.9
141	68.8	59.8	89.8

Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

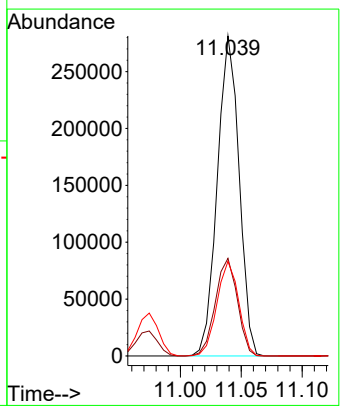


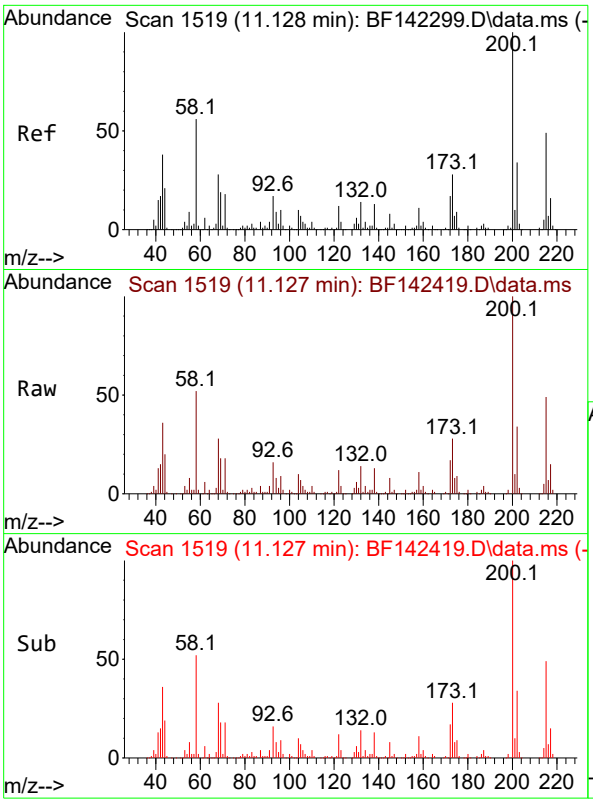


#68
Hexachlorobenzene
Concen: 44.596 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:284 Resp: 350738

Ion	Ratio	Lower	Upper
284	100		
142	30.5	26.6	39.8
249	29.6	24.1	36.1





#69
Atrazine
Concen: 49.587 ng
RT: 11.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

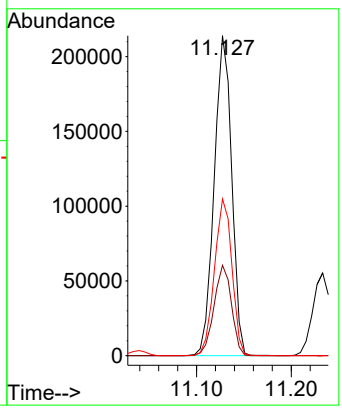
Instrument :
BNA_F
ClientSampleId :
PB167953BS

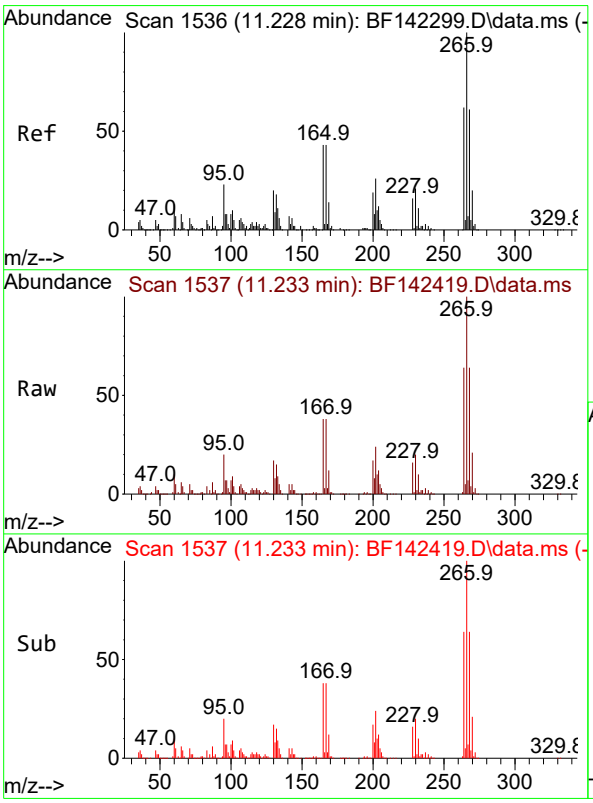
Tgt Ion:200 Resp: 27440

Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.1	48.1
215	49.0	28.8	68.8

Manual Integrations
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Supervised By :Jagrut Upadhyay 05/19/2025

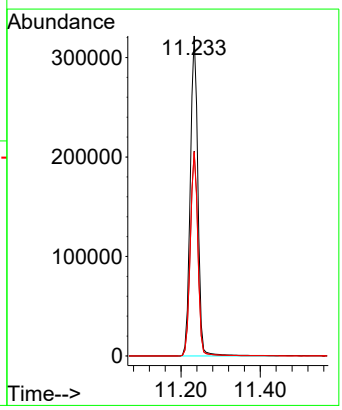


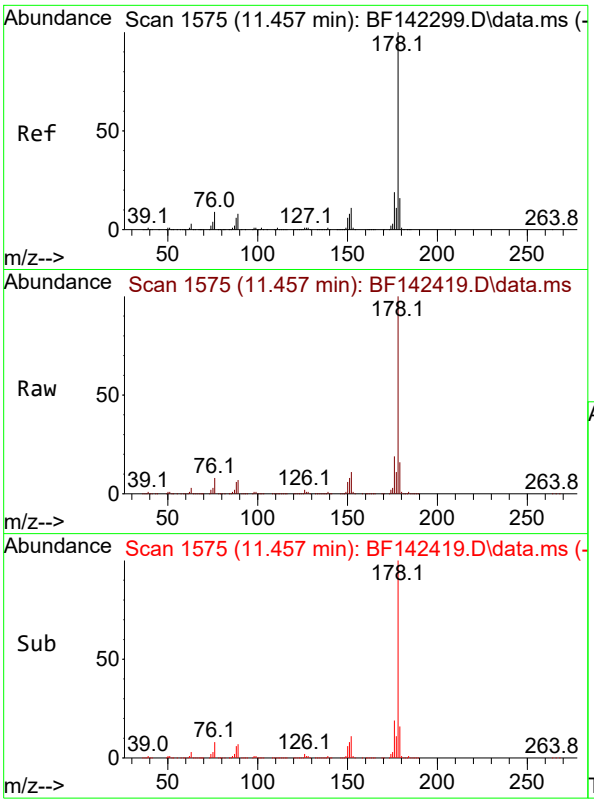


#70
Pentachlorophenol
Concen: 103.798 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:266 Resp: 429460

Ion	Ratio	Lower	Upper
266	100		
268	64.0	48.7	73.1
264	63.6	49.8	74.6

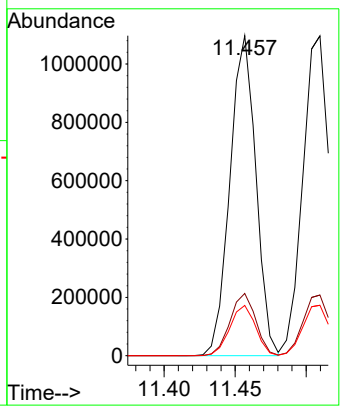




#71
Phenanthrene
Concen: 42.209 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:178 Resp: 139582

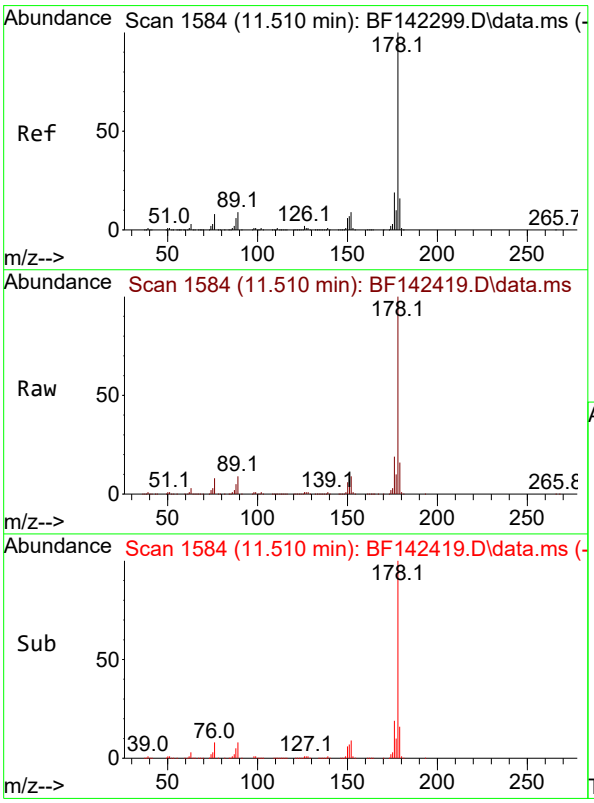
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.7	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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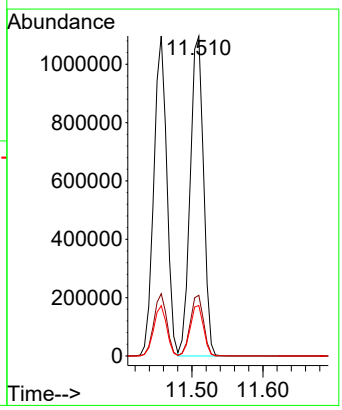
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

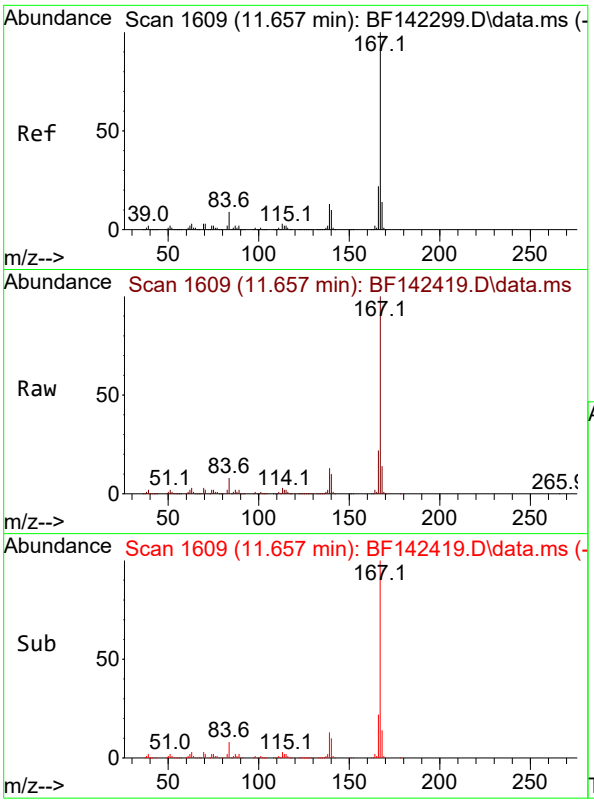


#72
Anthracene
Concen: 42.118 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:178 Resp: 1431099

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.8	12.6	18.8





#73
Carbazole
Concen: 42.553 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

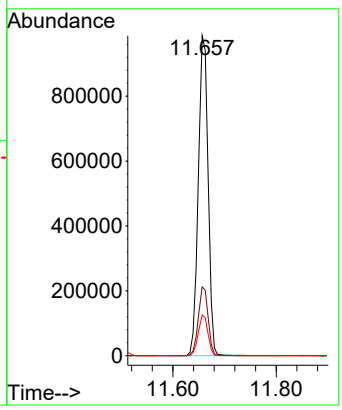
Tgt Ion:167 Resp: 129720

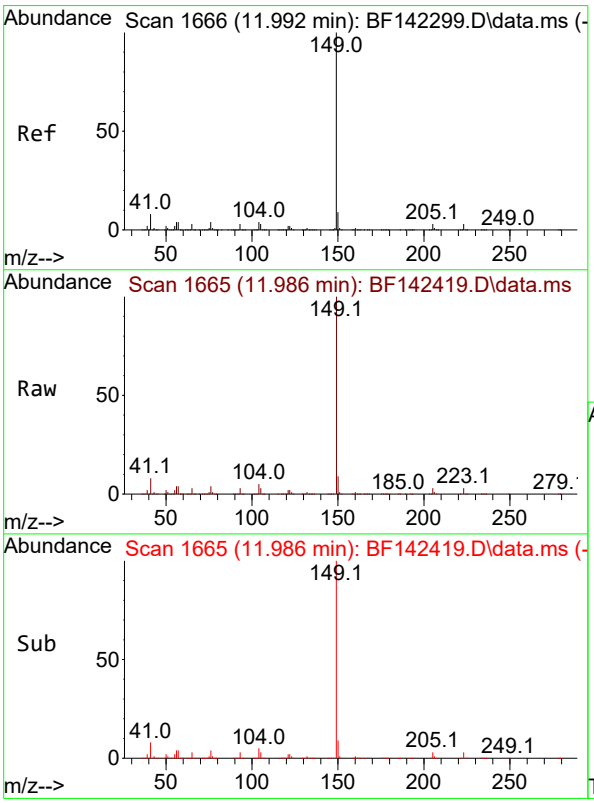
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.7	10.3	15.5

Instrument :
BNA_F
ClientSampleId :
PB167953BS

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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

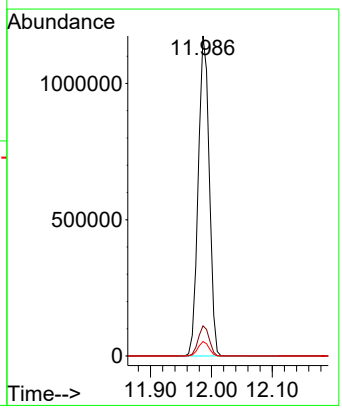


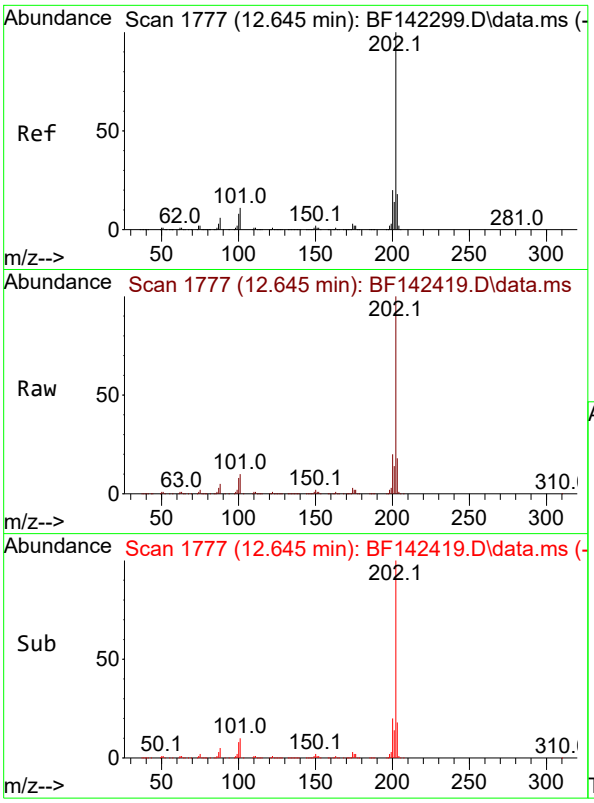


#74
Di-n-butylphthalate
Concen: 45.861 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:149 Resp: 1470098

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.5	3.6	5.4

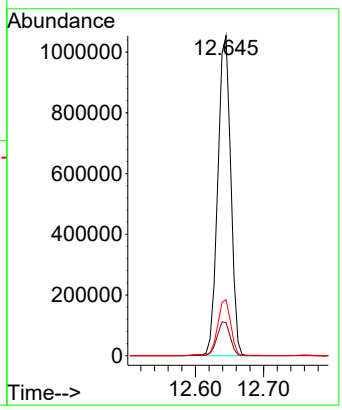




#75
Fluoranthene
Concen: 42.249 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:202 Resp: 139662

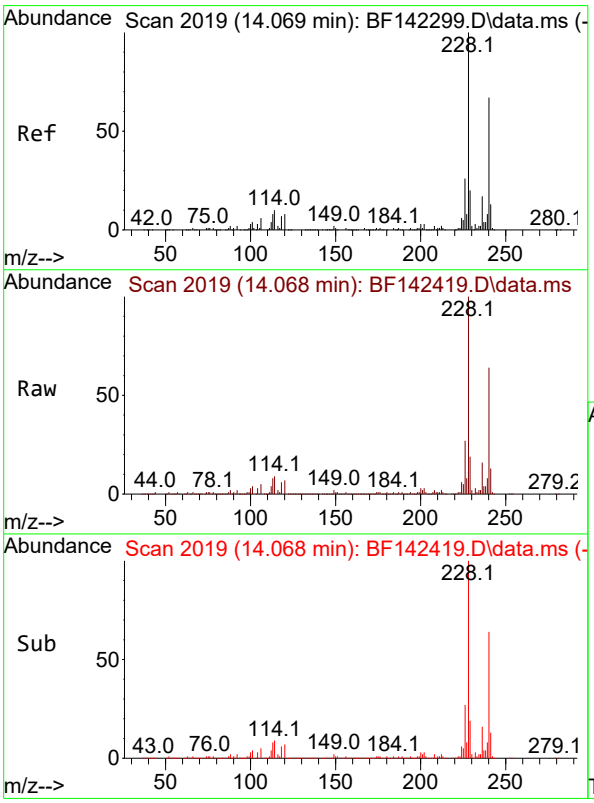
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.4
203	17.5	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
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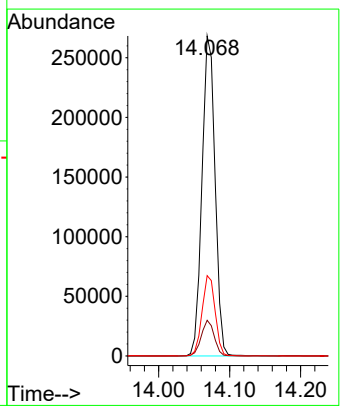
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

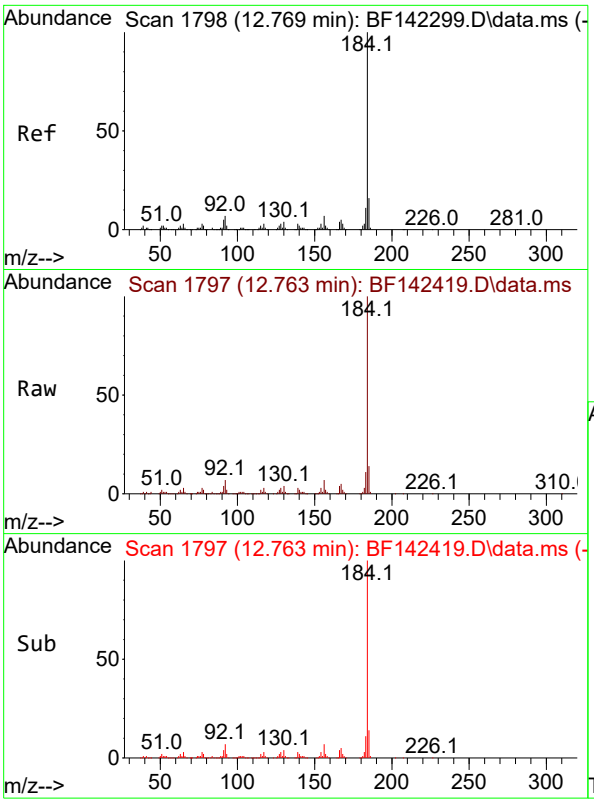


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:240 Resp: 344356

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.7	14.5
236	25.1	20.0	30.0

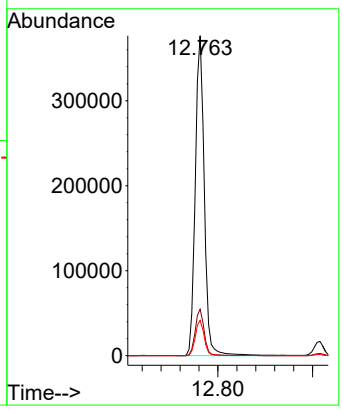




#77
Benzidine
Concen: 79.667 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:184 Resp: 49854

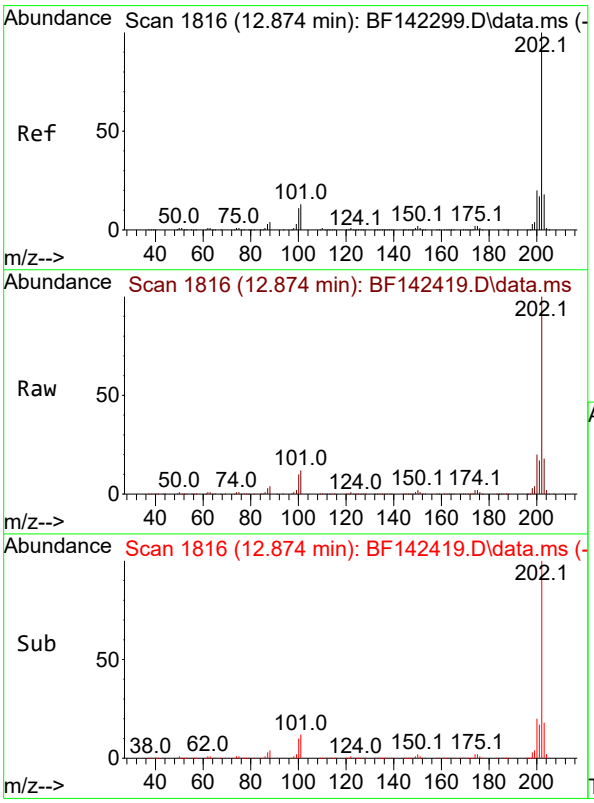
Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	11.1	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
APPROVED

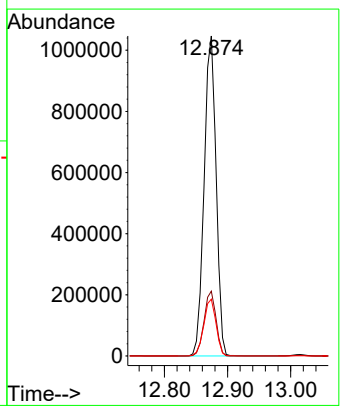
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

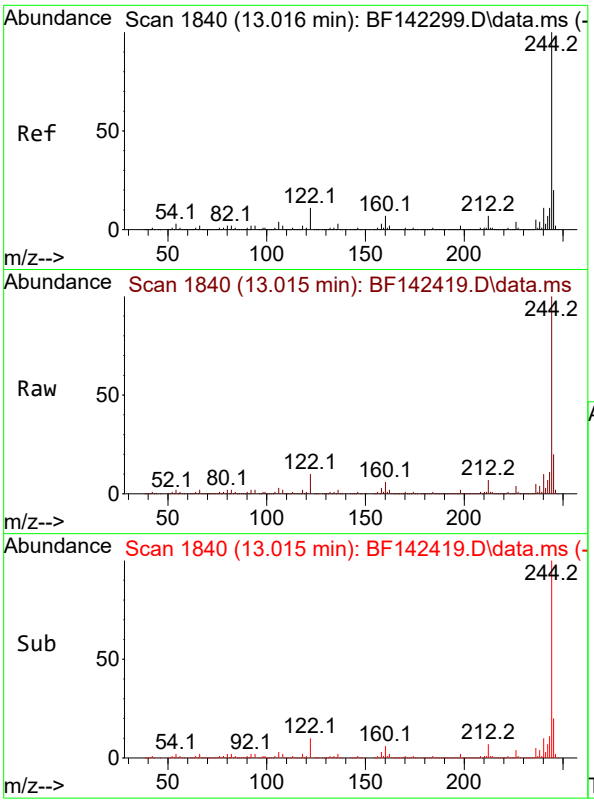


#78
Pyrene
Concen: 44.888 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:202 Resp: 1375854

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.4
203	17.7	14.3	21.5

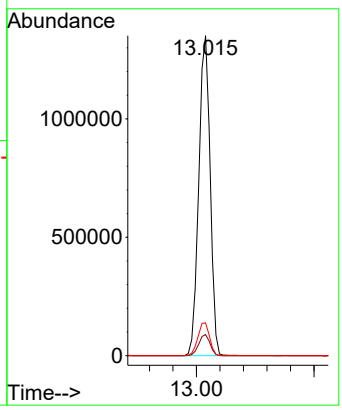




#79
Terphenyl-d14
Concen: 77.808 ng
RT: 13.015 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:244 Resp: 181024

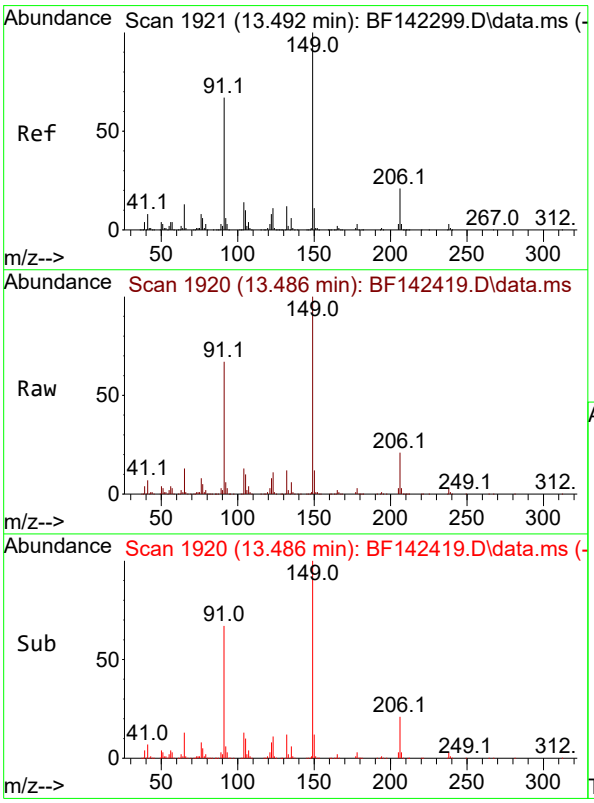
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.2	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
APPROVED

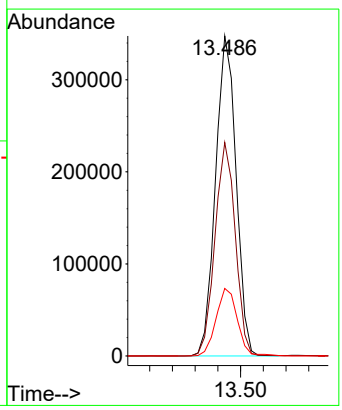
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

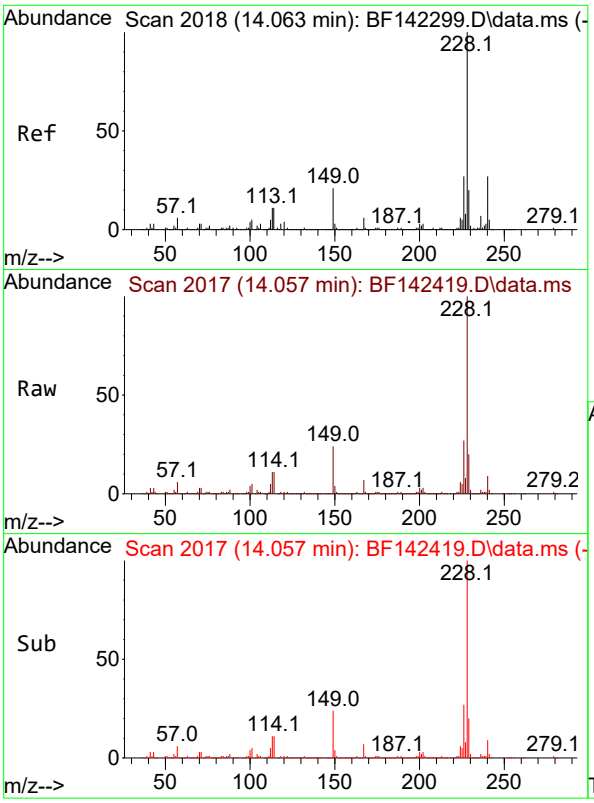


#80
Butylbenzylphthalate
Concen: 48.795 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:149 Resp: 437060

Ion	Ratio	Lower	Upper
149	100		
91	66.7	53.8	80.6
206	21.1	16.6	24.8





#81
Benzo(a)anthracene
Concen: 46.321 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

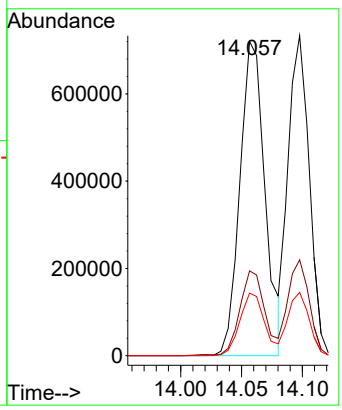
Instrument :
BNA_F
ClientSampleId :
PB167953BS

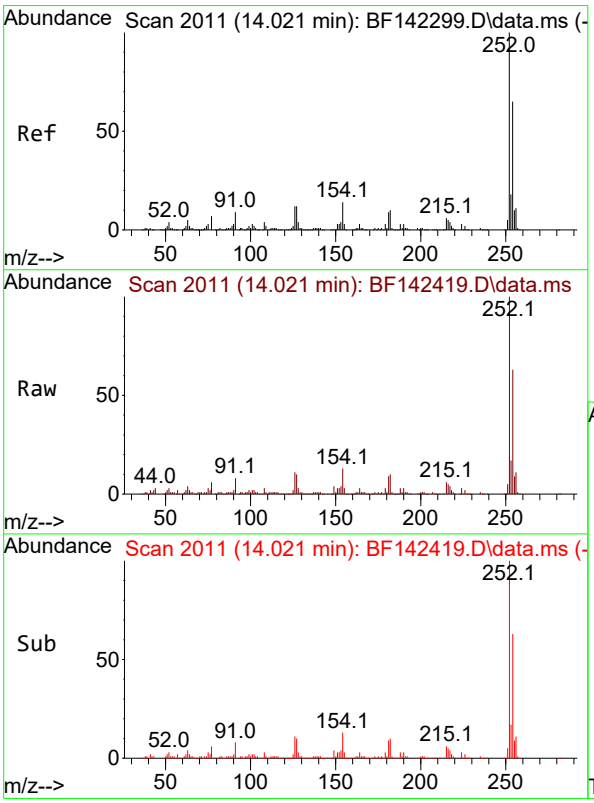
Tgt Ion:228 Resp: 103300

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	19.9	15.9	23.9

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

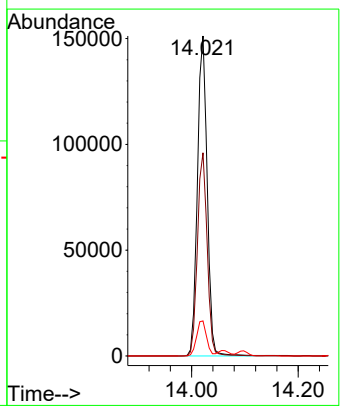


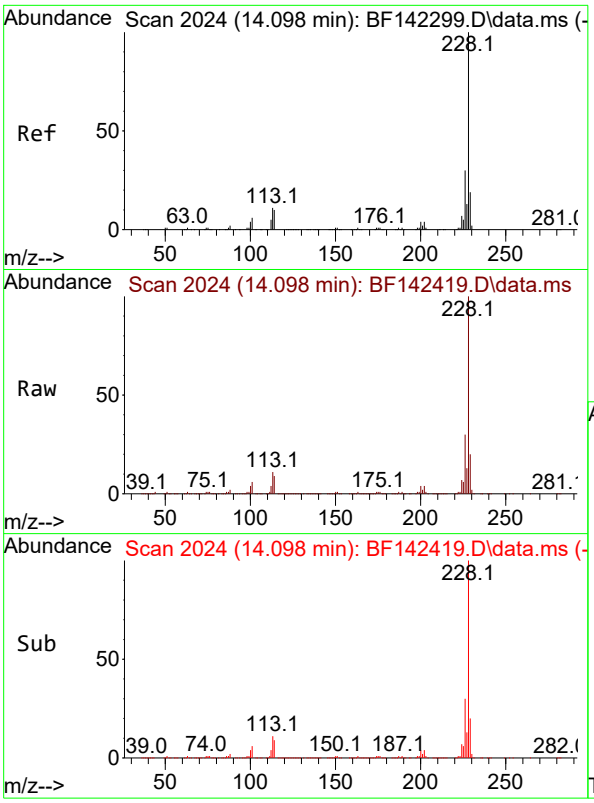


#82
3,3'-Dichlorobenzidine
Concen: 37.248 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:252 Resp: 193172

Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.0	78.0
126	11.0	9.7	14.5





#83
Chrysene
Concen: 42.874 ng
RT: 14.098 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

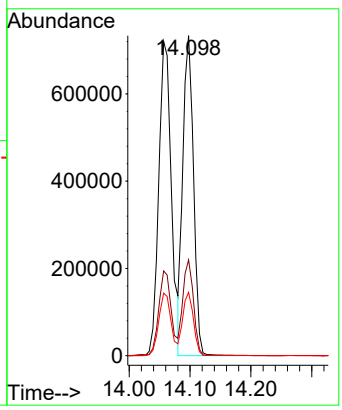
Tgt Ion:228 Resp: 89008

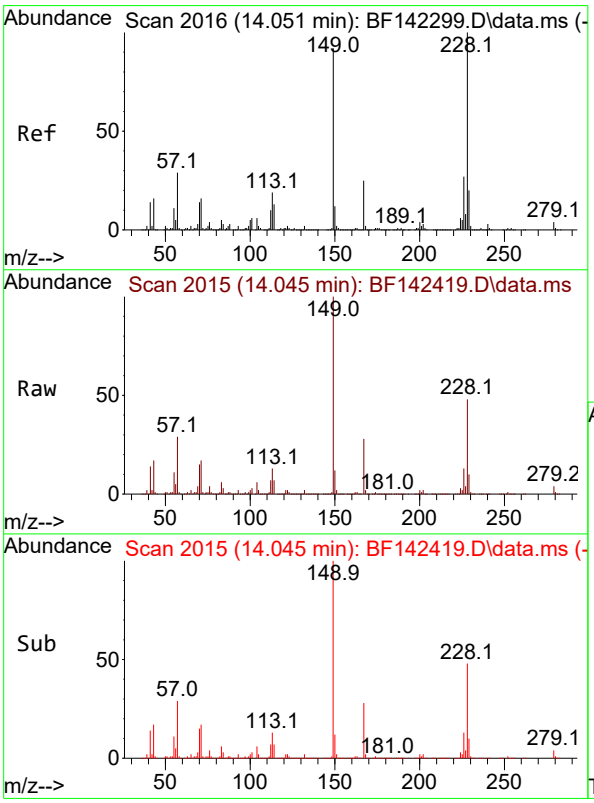
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	19.8	15.4	23.2

Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

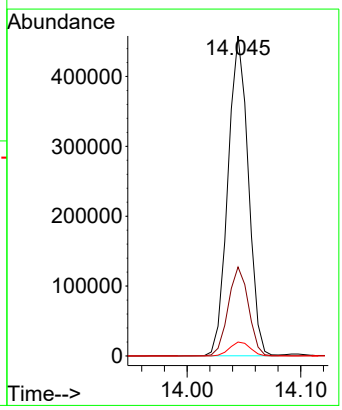


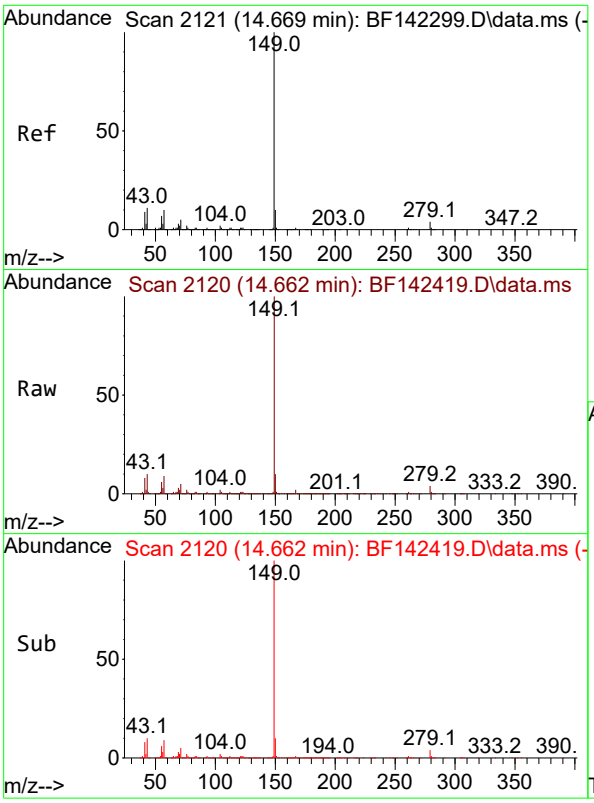


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.750 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:149 Resp: 568724

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.0	33.0
279	4.4	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 49.451 ng
RT: 14.662 min Scan# 2
Delta R.T. -0.007 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

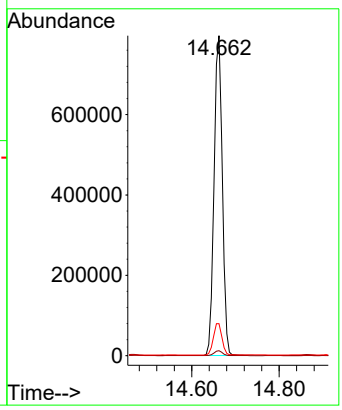
Tgt Ion:149 Resp: 104454

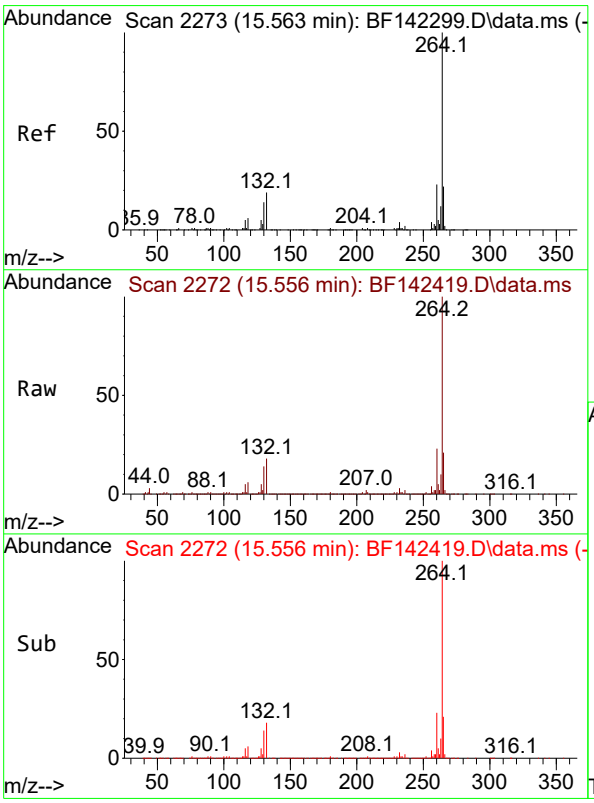
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.3	9.2	13.8

Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

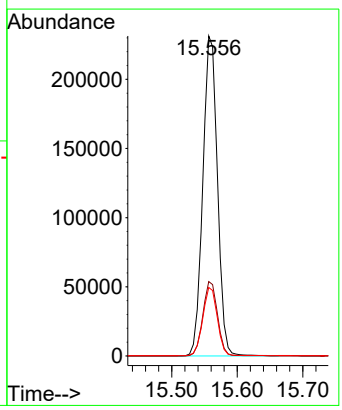


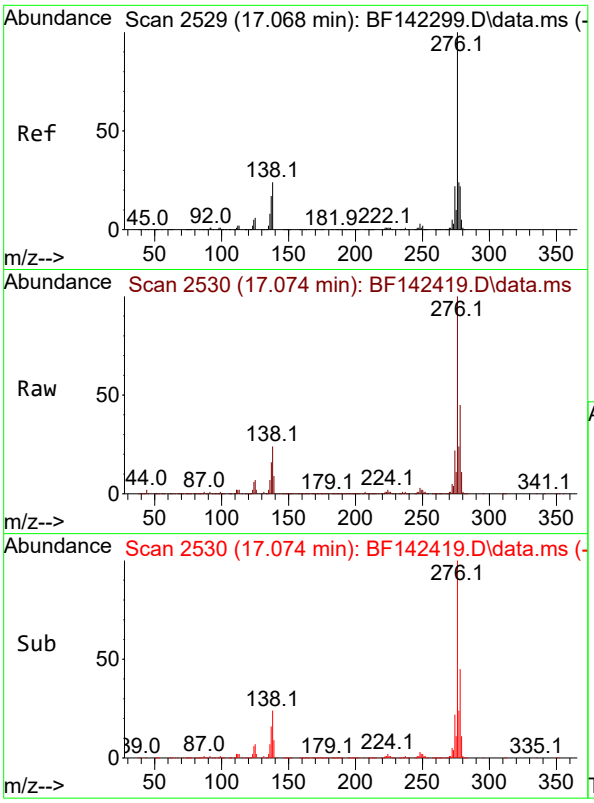


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:264 Resp: 359523

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.4	17.5	26.3

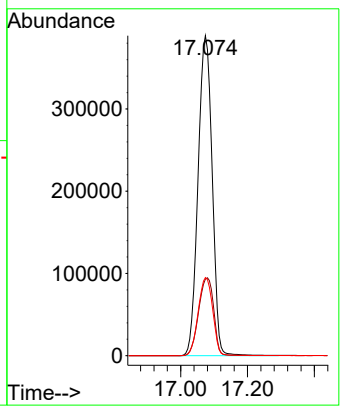




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.673 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:276 Resp: 114227

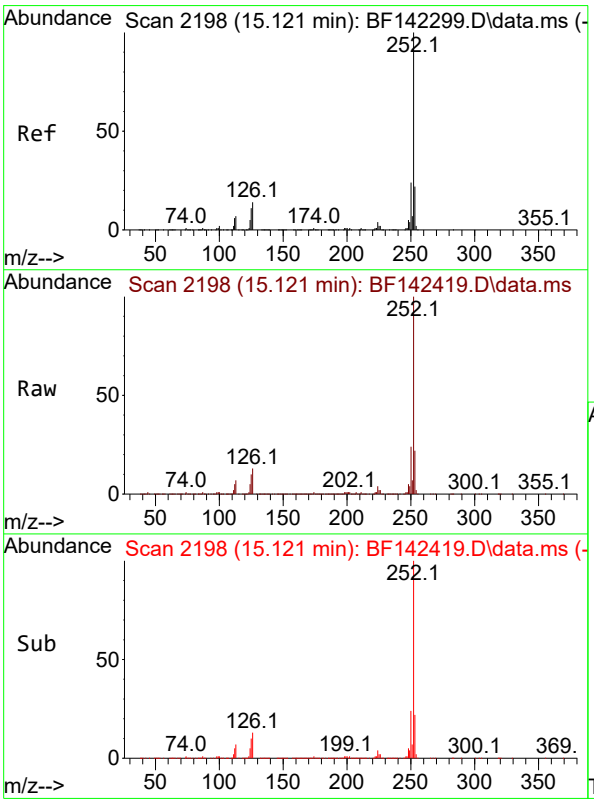
Ion	Ratio	Lower	Upper
276	100		
138	26.0	22.0	33.0
277	25.1	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
APPROVED

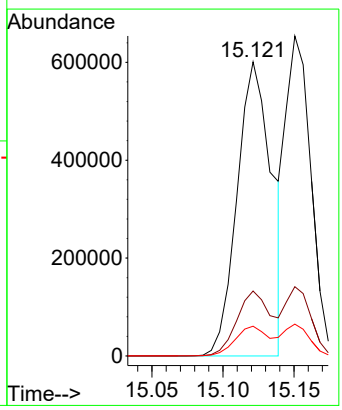
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

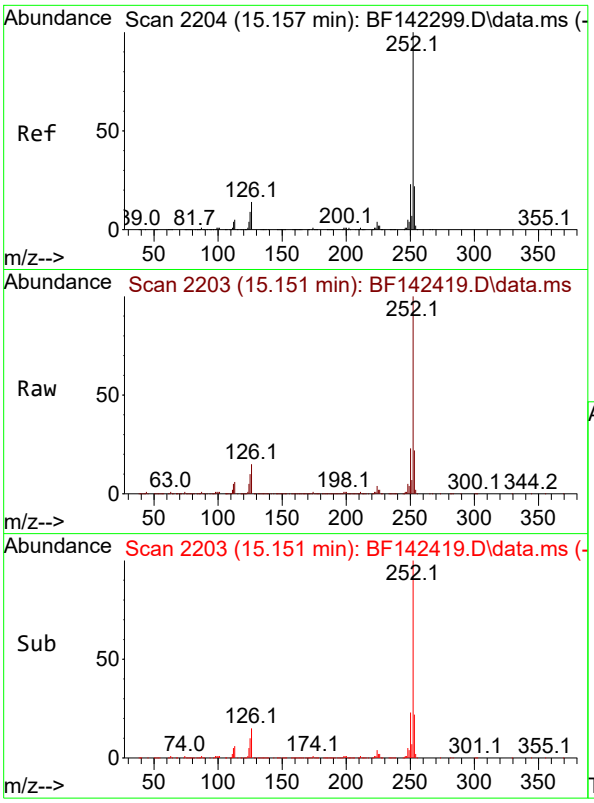


#88
Benzo(b)fluoranthene
Concen: 46.825 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:252 Resp: 1019606

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.1	8.7	13.1

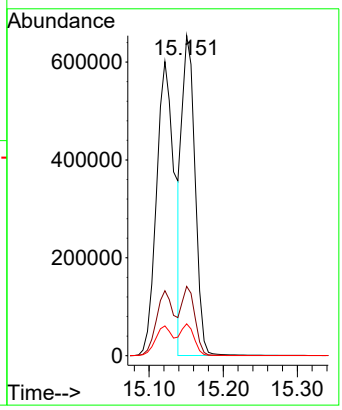




#89
Benzo(k)fluoranthene
Concen: 40.708 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:252 Resp: 81118

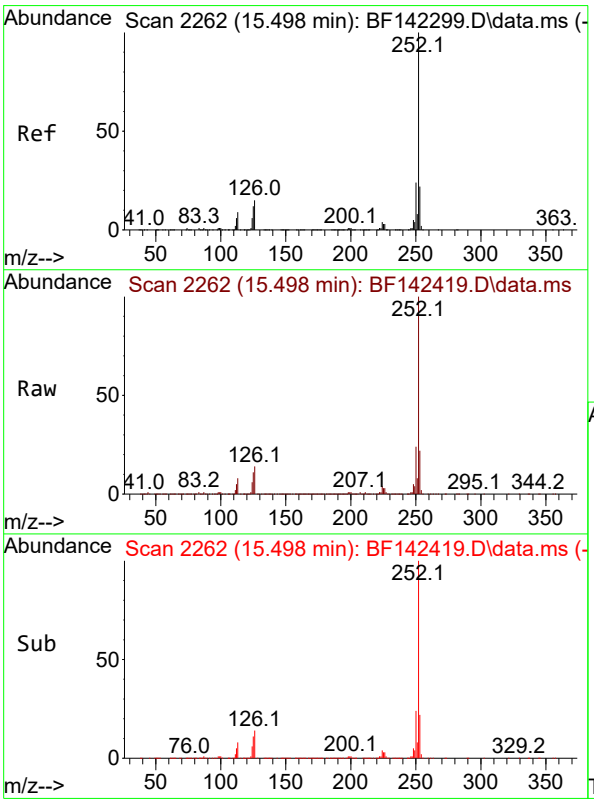
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	10.0	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
APPROVED

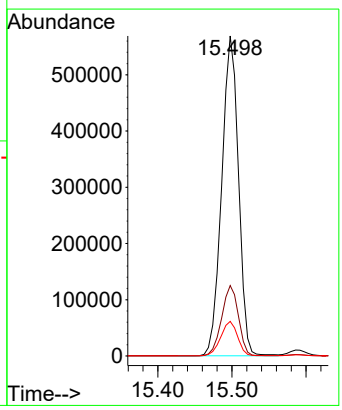
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

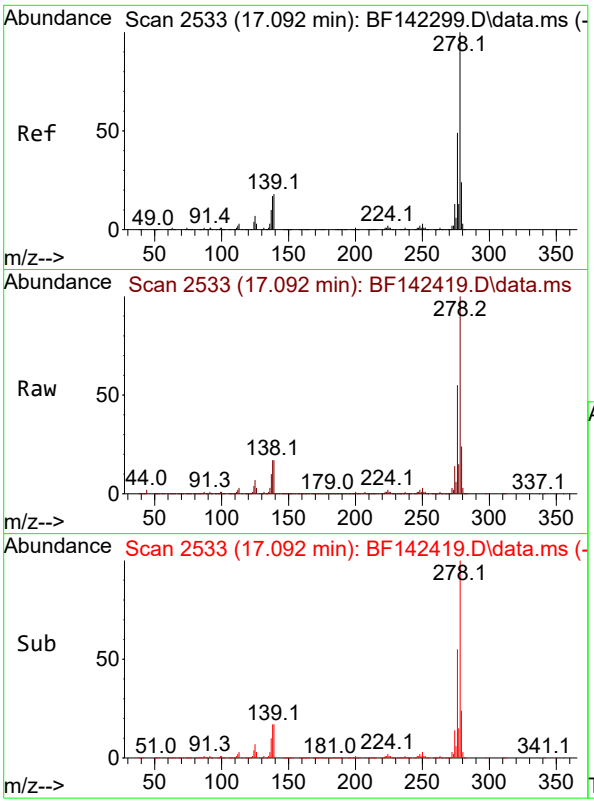


#90
Benzo(a)pyrene
Concen: 45.849 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:252 Resp: 894628

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.8	9.4	14.0

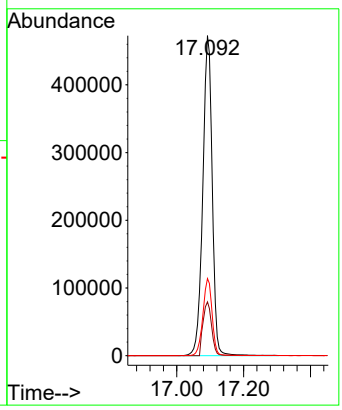




#91
Dibenzo(a,h)anthracene
Concen: 45.015 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:278 Resp: 93009

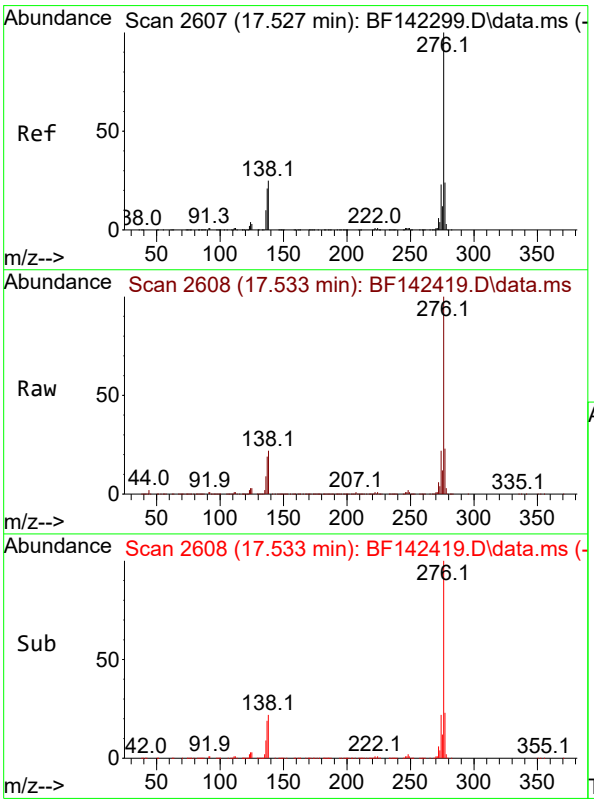
Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.5	21.7
279	24.1	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
PB167953BS

Manual Integrations
APPROVED

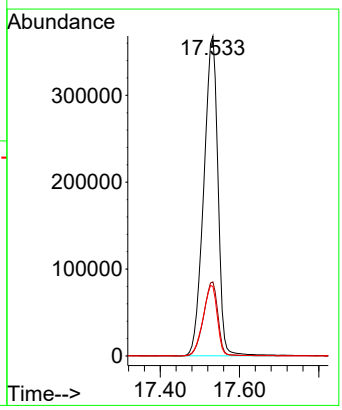
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#92
Benzo(g,h,i)perylene
Concen: 44.516 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF142419.D
Acq: 16 May 2025 11:13

Tgt Ion:276 Resp: 912878

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.6
138	21.7	19.8	29.6



Raw Data: **BP024636.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167973BS	SDG No.:	Q1982
Lab Sample ID:	PB167973BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024636.D	1	05/13/25 09:05	05/15/25 13:53	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1200		160	330	ug/Kg
108-95-2	Phenol	1500		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1500		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1500		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		37.5	170	ug/Kg
98-86-2	Acetophenone	1400		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1400		18.3	170	ug/Kg
78-59-1	Isophorone	1400		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1500		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		28.3	170	ug/Kg
91-20-3	Naphthalene	1400		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	640		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		25.3	170	ug/Kg
105-60-2	Caprolactam	1500		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1500		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1400		27.1	170	ug/Kg

Raw Data: **BP024636.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167973BS	SDG No.:	Q1982
Lab Sample ID:	PB167973BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024636.D	1	05/13/25 09:05	05/15/25 13:53	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1400		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1000		46.0	170	ug/Kg
83-32-9	Acenaphthene	1400		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3000	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1500		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1500		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1600		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		25.3	170	ug/Kg
1912-24-9	Atrazine	1500		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3500	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1500		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
86-74-8	Carbazole	1500		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		47.9	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1500		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		19.0	170	ug/Kg

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

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	South River WM Replacement			Date Received:	
Client Sample ID:	PB167973BS			SDG No.:	Q1982
Lab Sample ID:	PB167973BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024636.D	1	05/13/25 09:05	05/15/25 13:53	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1500		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1100		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	134		18 - 112	89%	SPK: 150
13127-88-3	Phenol-d6	133		15 - 107	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.8		18 - 107	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.5		20 - 109	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		10 - 116	89%	SPK: 150
1718-51-0	Terphenyl-d14	76.0		10 - 105	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	131000	7.646			
1146-65-2	Naphthalene-d8	538000	10.422			
15067-26-2	Acenaphthene-d10	347000	14.298			
1517-22-2	Phenanthrene-d10	706000	17.098			
1719-03-5	Chrysene-d12	797000	21.533			
1520-96-3	Perylene-d12	897000	24.827			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024636.D
Acq On : 15 May 2025 13:53
Operator : RC/JU
Sample : PB167973BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Quant Time: May 15 14:53:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	131081	20.000	ng	-0.02
21) Naphthalene-d8	10.422	136	537517	20.000	ng	-0.01
39) Acenaphthene-d10	14.298	164	347277	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	706031	20.000	ng	0.00
76) Chrysene-d12	21.533	240	796554	20.000	ng	0.01
86) Perylene-d12	24.827	264	897451	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	1028325	134.178	ng	-0.01
7) Phenol-d6	6.840	99	1300659	132.975	ng	-0.01
23) Nitrobenzene-d5	8.799	82	806449	75.806	ng	-0.01
42) 2,4,6-Tribromophenol	15.816	330	789015	134.019	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1973979	74.470	ng	0.00
79) Terphenyl-d14	19.827	244	3529175	75.970	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	121131	33.659	ng	98
3) Pyridine	3.605	79	290510	36.406	ng	97
4) n-Nitrosodimethylamine	3.516	42	145603	41.331	ng	94
6) Aniline	6.987	93	371995	29.457	ng	99
8) 2-Chlorophenol	7.228	128	398786	45.837	ng	99
9) Benzaldehyde	6.799	77	230797	36.451	ng	95
10) Phenol	6.869	94	467973	46.355	ng	100
11) bis(2-Chloroethyl)ether	7.081	93	326477	39.356	ng	98
12) 1,3-Dichlorobenzene	7.540	146	410853	41.046	ng	99
13) 1,4-Dichlorobenzene	7.681	146	413519	41.075	ng	99
14) 1,2-Dichlorobenzene	7.999	146	399364	40.711	ng	100
15) Benzyl Alcohol	7.893	79	332118	44.682	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.163	45	395746	39.836	ng	99
17) 2-Methylphenol	8.099	107	329941	45.567	ng	98
18) Hexachloroethane	8.710	117	157764	40.894	ng	96
19) n-Nitroso-di-n-propyla...	8.452	70	270905	40.039	ng	99
20) 3+4-Methylphenols	8.422	107	451573	45.848	ng	99
22) Acetophenone	8.463	105	567593	42.273	ng	100
24) Nitrobenzene	8.840	77	404402	43.197	ng	99
25) Isophorone	9.357	82	767868	41.611	ng	99
26) 2-Nitrophenol	9.540	139	212672	46.359	ng	97
27) 2,4-Dimethylphenol	9.610	122	380304	47.020	ng	99
28) bis(2-Chloroethoxy)met...	9.840	93	467255	42.382	ng	99
29) 2,4-Dichlorophenol	10.087	162	382143	48.756	ng	98
30) 1,2,4-Trichlorobenzene	10.287	180	381129	43.151	ng	98
31) Naphthalene	10.475	128	1179733	42.353	ng	99
32) Benzoic acid	9.775	122	262342	46.811	ng	99
33) 4-Chloroaniline	10.593	127	215778	19.197	ng	100
34) Hexachlorobutadiene	10.757	225	244032	42.650	ng	98
35) Caprolactam	11.381	113	128809	45.423	ng	97
36) 4-Chloro-3-methylphenol	11.728	107	416701	43.596	ng	100
37) 2-Methylnaphthalene	12.087	142	759040	42.084	ng	99
38) 1-Methylnaphthalene	12.310	142	813878	42.174	ng	100
40) 1,2,4,5-Tetrachloroben...	12.463	216	439636	43.595	ng	99
41) Hexachlorocyclopentadiene	12.440	237	618099	101.081	ng	97
43) 2,4,6-Trichlorophenol	12.710	196	317048	48.539	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024636.D
Acq On : 15 May 2025 13:53
Operator : RC/JU
Sample : PB167973BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Quant Time: May 15 14:53:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

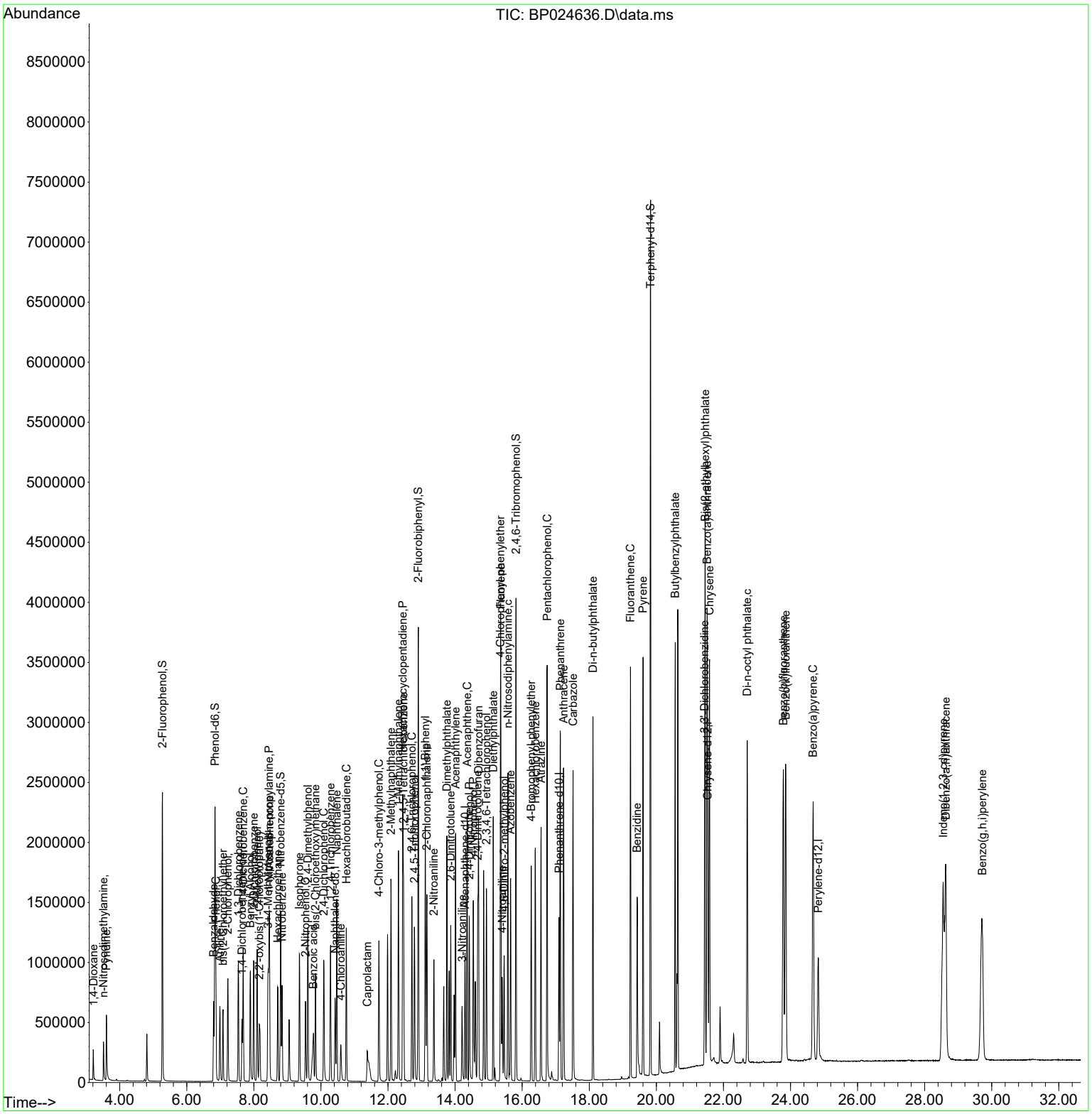
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.787	196	355418	48.883	ng	98
46) 1,1'-Biphenyl	13.110	154	1087547	42.370	ng	99
47) 2-Chloronaphthalene	13.157	162	830827	42.452	ng	100
48) 2-Nitroaniline	13.369	65	261668	45.161	ng	98
49) Acenaphthylene	14.016	152	1399482	42.731	ng	100
50) Dimethylphthalate	13.757	163	1142335	43.156	ng	100
51) 2,6-Dinitrotoluene	13.869	165	252742	45.211	ng	97
52) Acenaphthene	14.363	154	813698	43.217	ng	99
53) 3-Nitroaniline	14.210	138	171345	30.018	ng	98
54) 2,4-Dinitrophenol	14.428	184	327717	91.929	ng	97
55) Dibenzofuran	14.698	168	1314124	43.757	ng	99
56) 4-Nitrophenol	14.545	139	454745	91.385	ng	98
57) 2,4-Dinitrotoluene	14.675	165	364632	46.266	ng	98
58) Fluorene	15.363	166	1086996	44.389	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	316831	46.974	ng	100
60) Diethylphthalate	15.139	149	1184435	44.273	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	542996	44.463	ng	98
62) 4-Nitroaniline	15.404	138	262574	47.641	ng	98
63) Azobenzene	15.657	77	1009501	44.109	ng	98
65) 4,6-Dinitro-2-methylph...	15.463	198	216160	47.398	ng	99
66) n-Nitrosodiphenylamine	15.575	169	961865	44.353	ng	99
67) 4-Bromophenyl-phenylether	16.269	248	372135	44.731	ng	99
68) Hexachlorobenzene	16.392	284	458305	43.353	ng	100
69) Atrazine	16.563	200	368913	46.419	ng	99
70) Pentachlorophenol	16.745	266	625082	105.335	ng	98
71) Phenanthrene	17.139	178	1720387	43.832	ng	100
72) Anthracene	17.233	178	1747224	44.246	ng	99
73) Carbazole	17.516	167	1617275	45.249	ng	100
74) Di-n-butylphthalate	18.110	149	2121998	46.164	ng	99
75) Fluoranthene	19.227	202	2040733	44.480	ng	100
77) Benzidine	19.427	184	994653	45.847	ng	99
78) Pyrene	19.604	202	2127702	44.580	ng	100
80) Butylbenzylphthalate	20.563	149	1012695	47.709	ng	97
81) Benzo(a)anthracene	21.516	228	2231437	44.614	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	558851	30.082	ng	99
83) Chrysene	21.586	228	2076892	43.804	ng	100
84) Bis(2-ethylhexyl)phtha...	21.457	149	1465106	46.960	ng	99
85) Di-n-octyl phthalate	22.710	149	2468875	48.391	ng	100
87) Indeno(1,2,3-cd)pyrene	28.550	276	3039943m	46.398	ng	
88) Benzo(b)fluoranthene	23.786	252	2337855	45.511	ng	99
89) Benzo(k)fluoranthene	23.857	252	2439419	46.086	ng	100
90) Benzo(a)pyrene	24.674	252	2298890	46.597	ng	99
91) Dibenzo(a,h)anthracene	28.627	278	2519774	47.273	ng	99
92) Benzo(g,h,i)perylene	29.715	276	2499215	47.150	ng	99

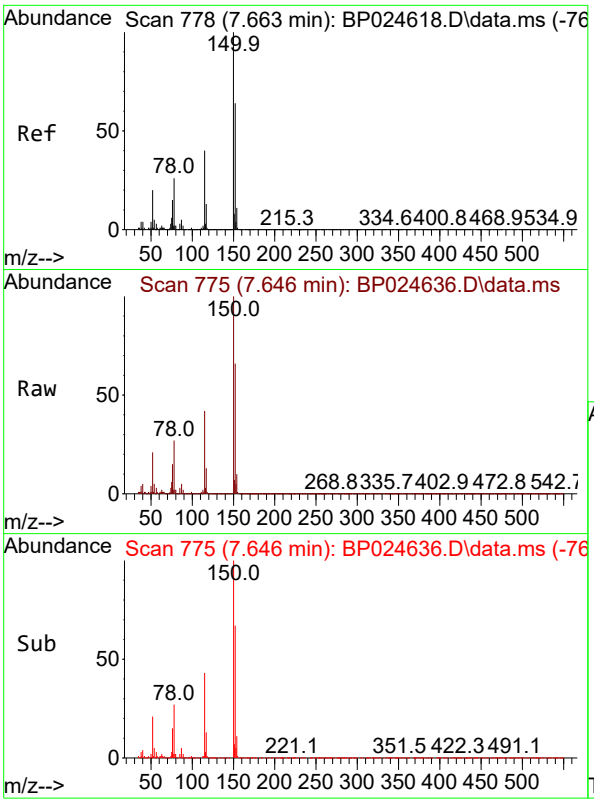
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024636.D
Acq On : 15 May 2025 13:53
Operator : RC/JU
Sample : PB167973BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Quant Time: May 15 14:53:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



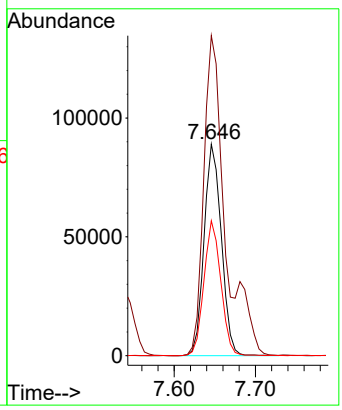


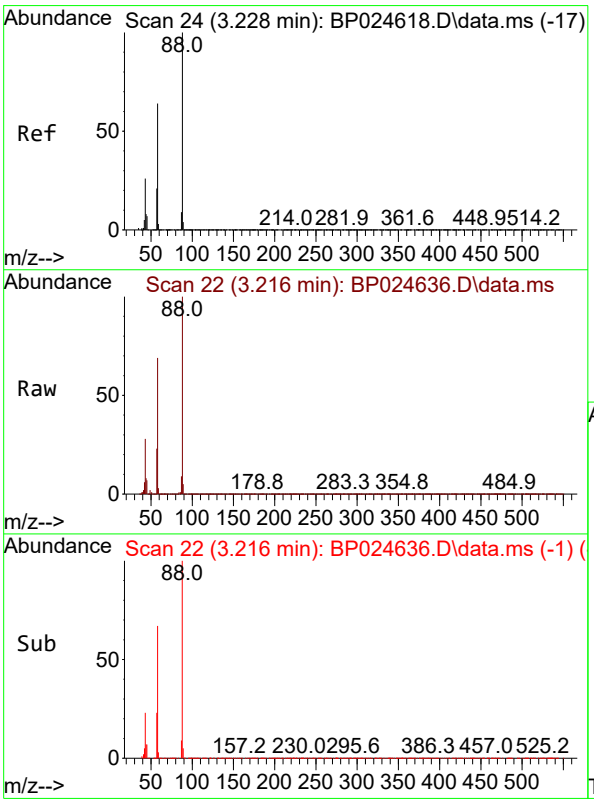
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:152 Resp: 131081

Ion	Ratio	Lower	Upper
152	100		
150	151.3	125.9	188.9
115	63.8	50.1	75.1

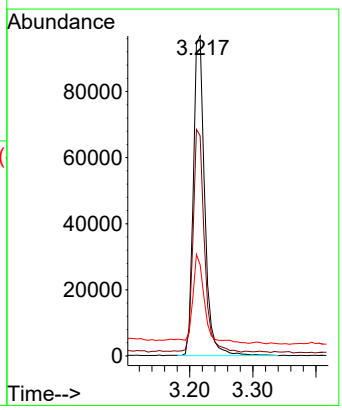


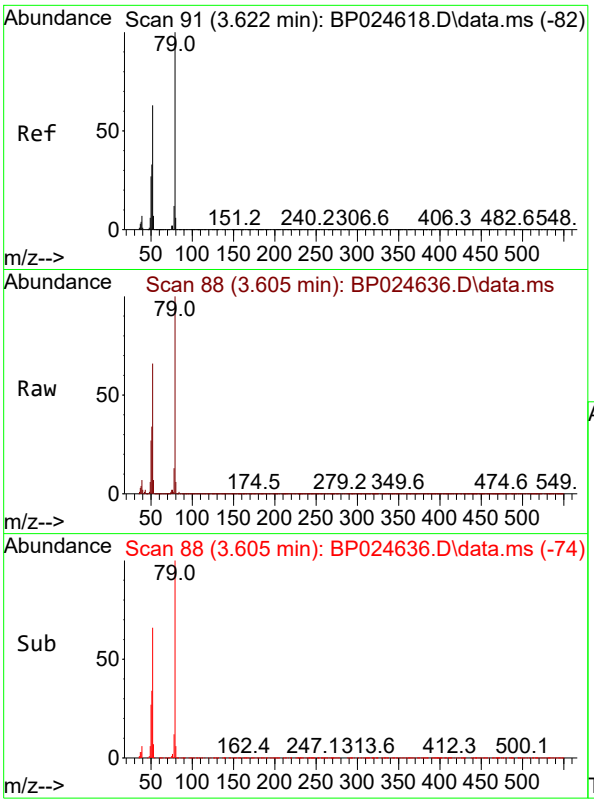


#2
1,4-Dioxane
Concen: 33.659 ng
RT: 3.216 min Scan# 22
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion: 88 Resp: 121131

Ion	Ratio	Lower	Upper
88	100		
58	69.2	54.0	81.0
43	28.1	21.4	32.0



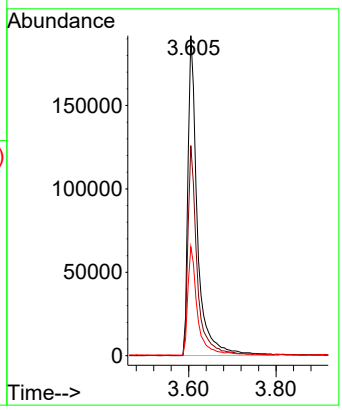


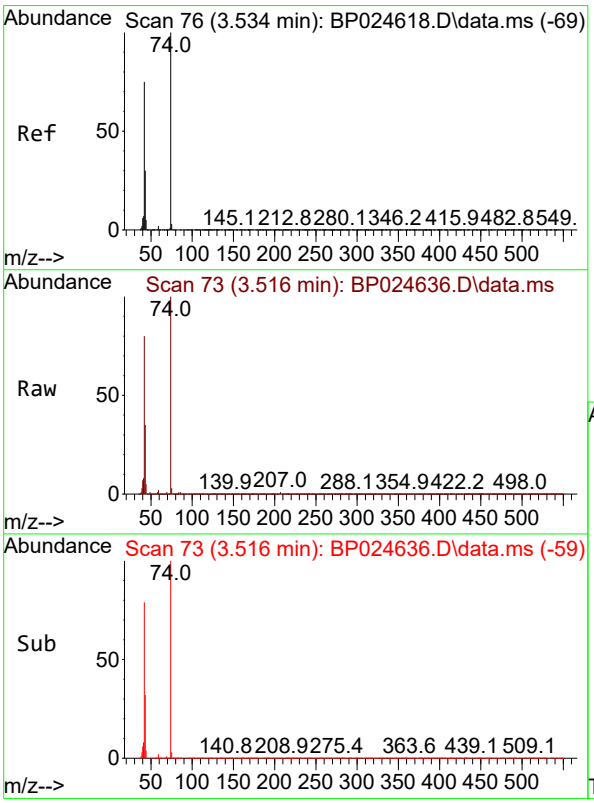
#3
Pyridine
Concen: 36.406 ng
RT: 3.605 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion: 79 Resp: 290510

Ion	Ratio	Lower	Upper
79	100		
52	65.6	50.2	75.2
51	34.0	26.8	40.2

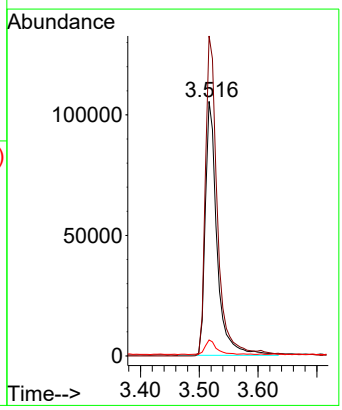


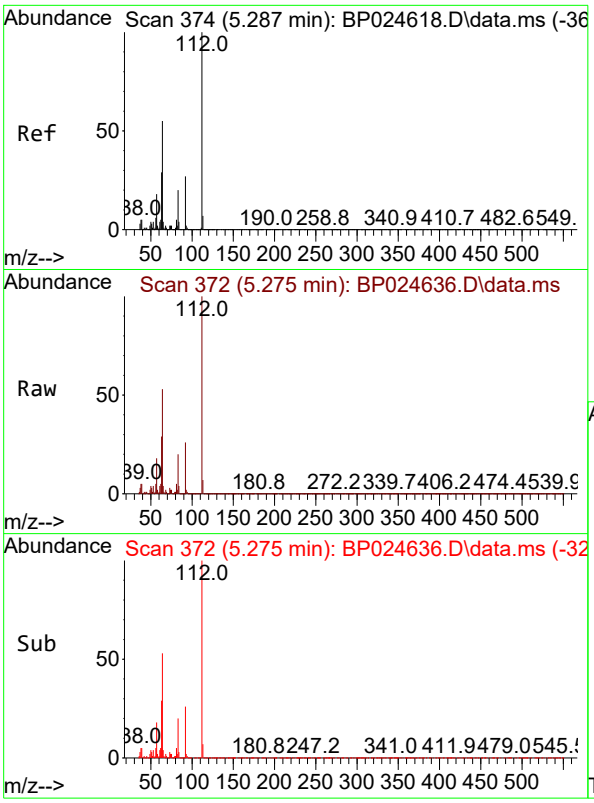


#4
n-Nitrosodimethylamine
Concen: 41.331 ng
RT: 3.516 min Scan# 73
Delta R.T. -0.018 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion: 42 Resp: 145603

Ion	Ratio	Lower	Upper
42	100		
74	125.7	106.2	159.2
44	6.3	5.4	8.2



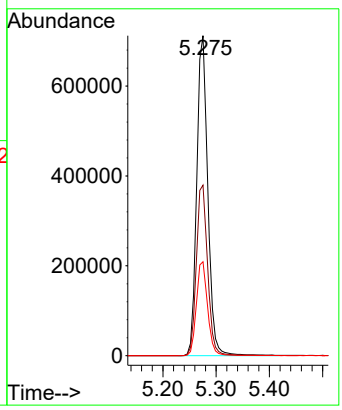


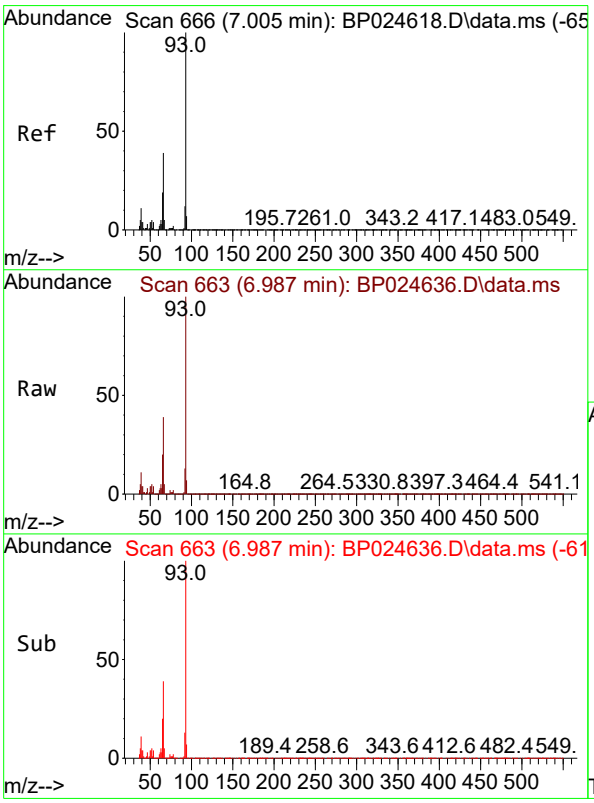
#5
2-Fluorophenol
Concen: 134.178 ng
RT: 5.275 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:112 Resp: 1028325

Ion	Ratio	Lower	Upper
112	100		
64	53.3	44.1	66.1
63	29.3	23.5	35.3

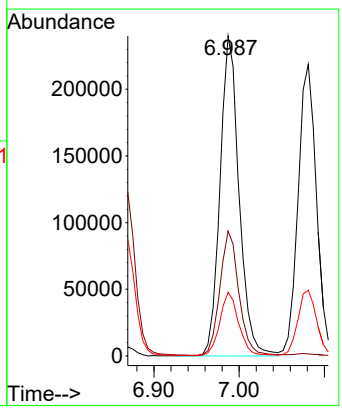


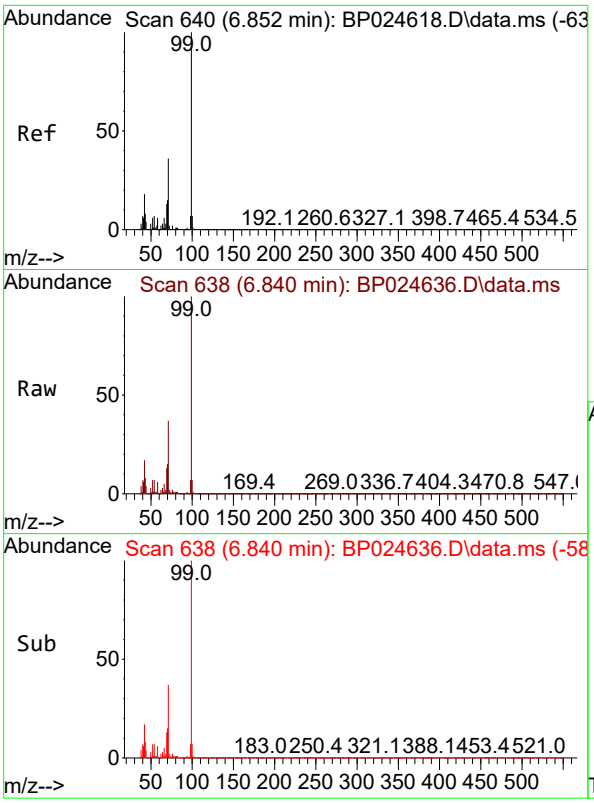


#6
Aniline
Concen: 29.457 ng
RT: 6.987 min Scan# 663
Delta R.T. -0.018 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion: 93 Resp: 371995

Ion	Ratio	Lower	Upper
93	100		
66	39.0	31.0	46.6
65	19.9	15.5	23.3



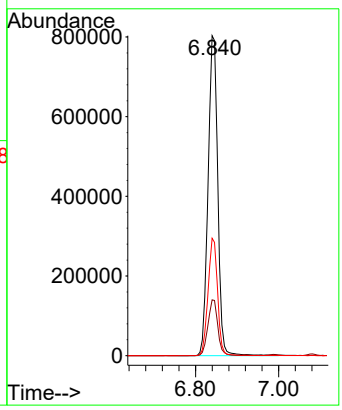


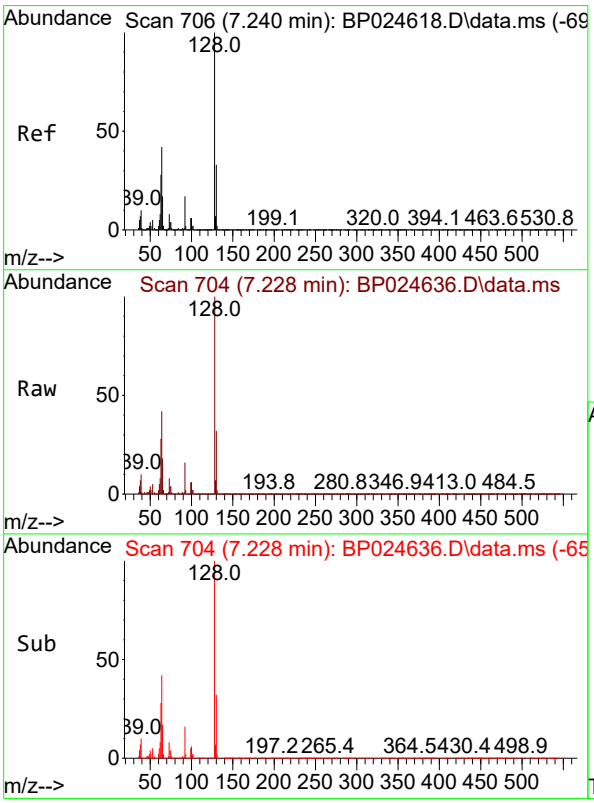
#7
Phenol-d6
Concen: 132.975 ng
RT: 6.840 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion: 99 Resp: 1300659

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.4	21.6
71	36.7	29.2	43.8

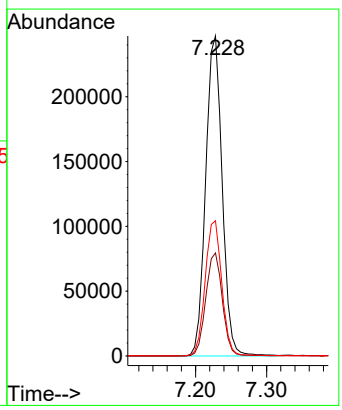


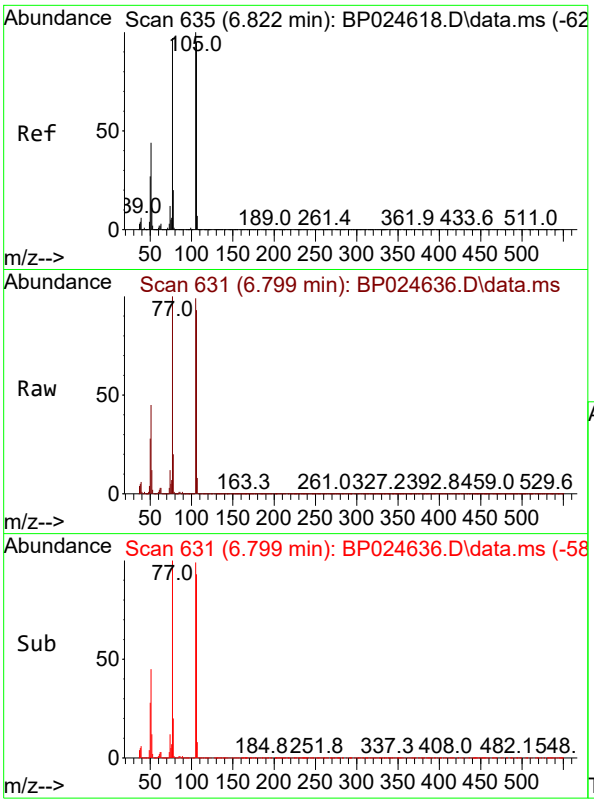


#8
2-Chlorophenol
Concen: 45.837 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:128 Resp: 398786

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.0	53.0
64	42.3	22.3	62.3



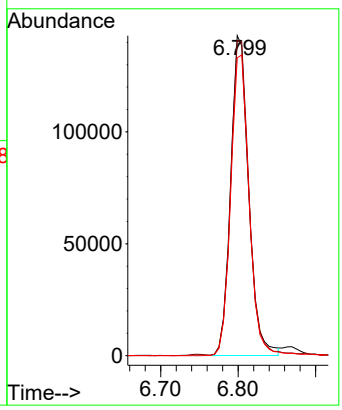


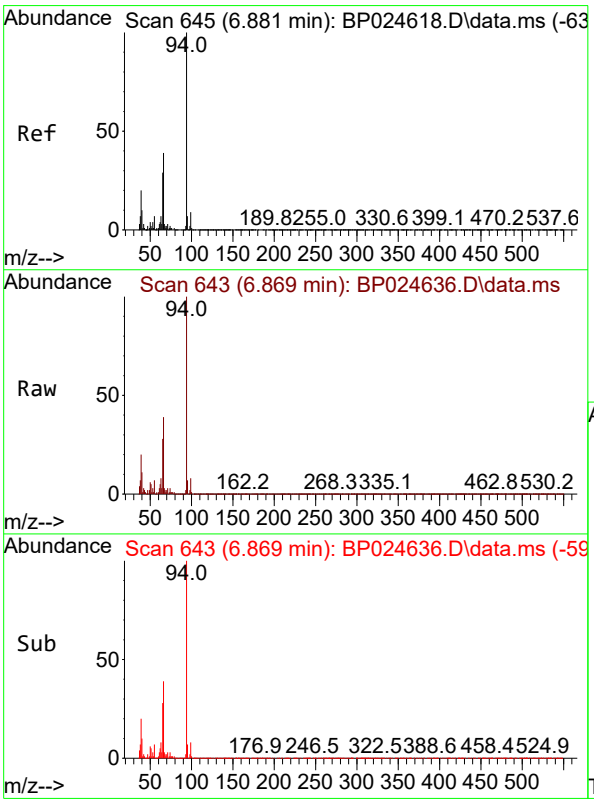
#9
Benzaldehyde
Concen: 36.451 ng
RT: 6.799 min Scan# 6
Delta R.T. -0.024 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion: 77 Resp: 230797

Ion	Ratio	Lower	Upper
77	100		
105	98.5	83.3	123.3
106	93.1	78.0	118.0

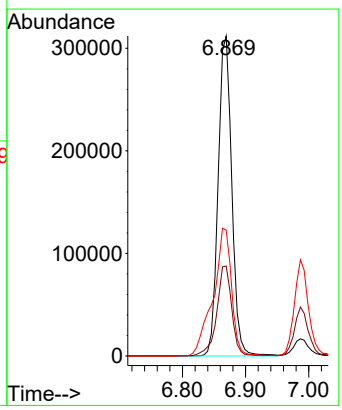


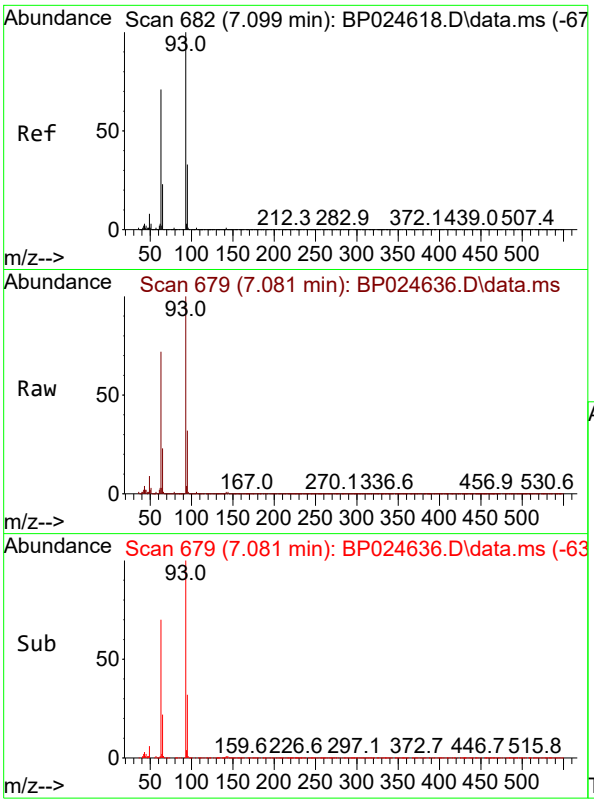


#10
Phenol
Concen: 46.355 ng
RT: 6.869 min Scan# 643
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion: 94 Resp: 467973

Ion	Ratio	Lower	Upper
94	100		
65	28.1	8.7	48.7
66	39.4	19.4	59.4



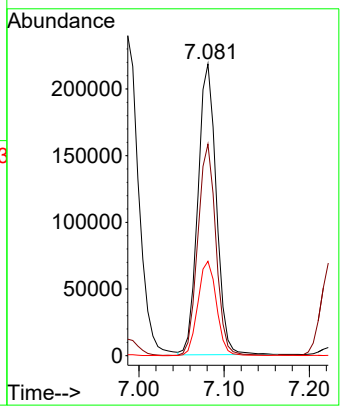


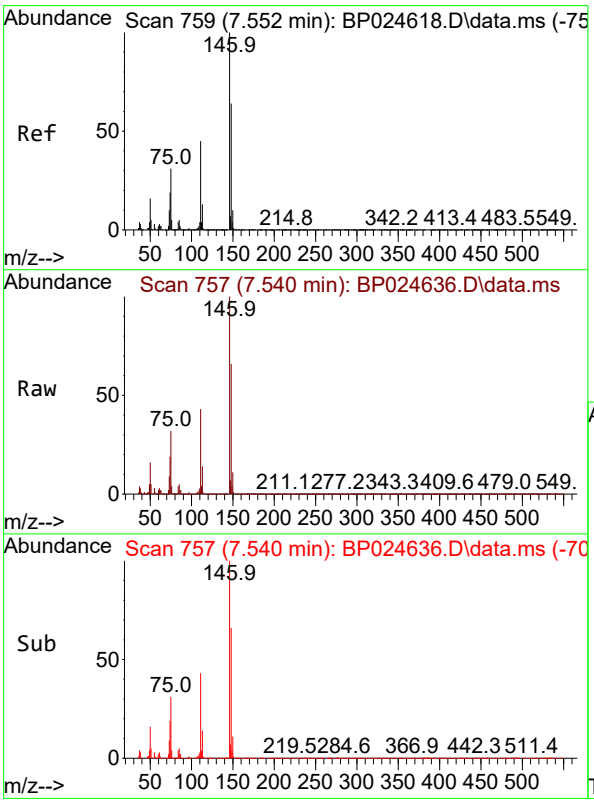
#11
bis(2-Chloroethyl)ether
Concen: 39.356 ng
RT: 7.081 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion: 93 Resp: 326477

Ion	Ratio	Lower	Upper
93	100		
63	72.5	50.6	90.6
95	32.3	12.9	52.9

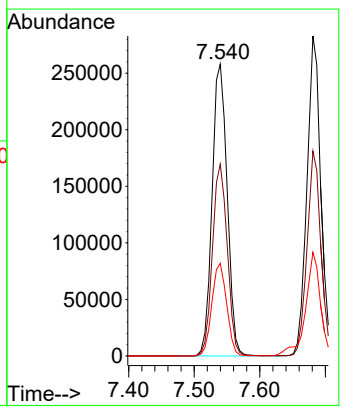


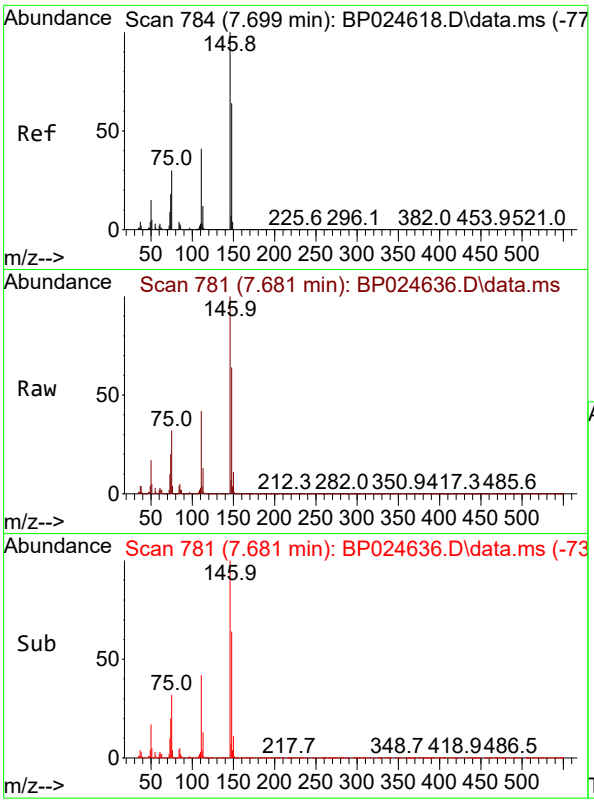


#12
1,3-Dichlorobenzene
Concen: 41.046 ng
RT: 7.540 min Scan# 757
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:146 Resp: 410853

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.2
75	31.7	25.2	37.8



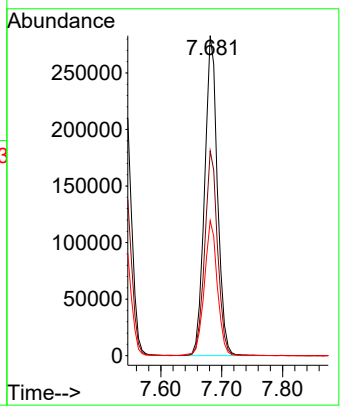


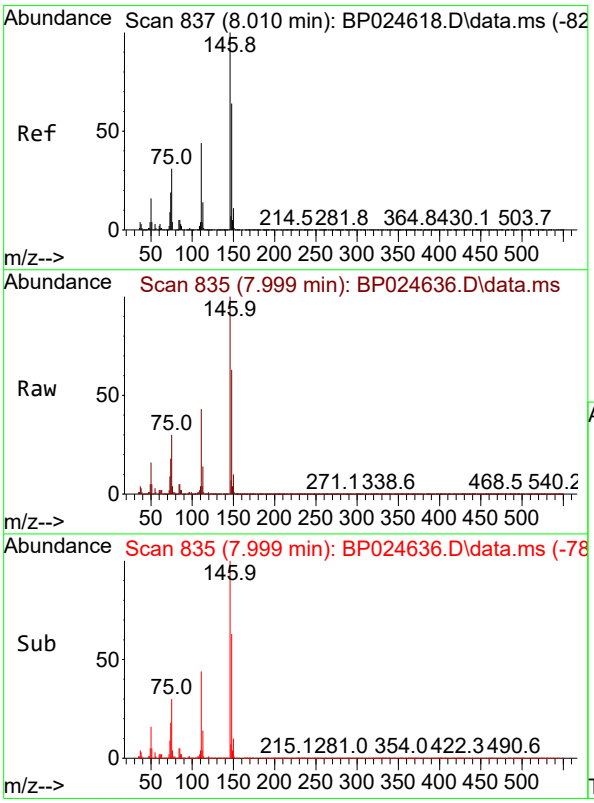
#13
1,4-Dichlorobenzene
Concen: 41.075 ng
RT: 7.681 min Scan# 7
Delta R.T. -0.018 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:146 Resp: 413519

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.6
111	42.2	33.0	49.6

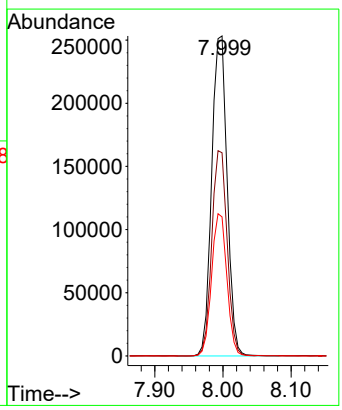


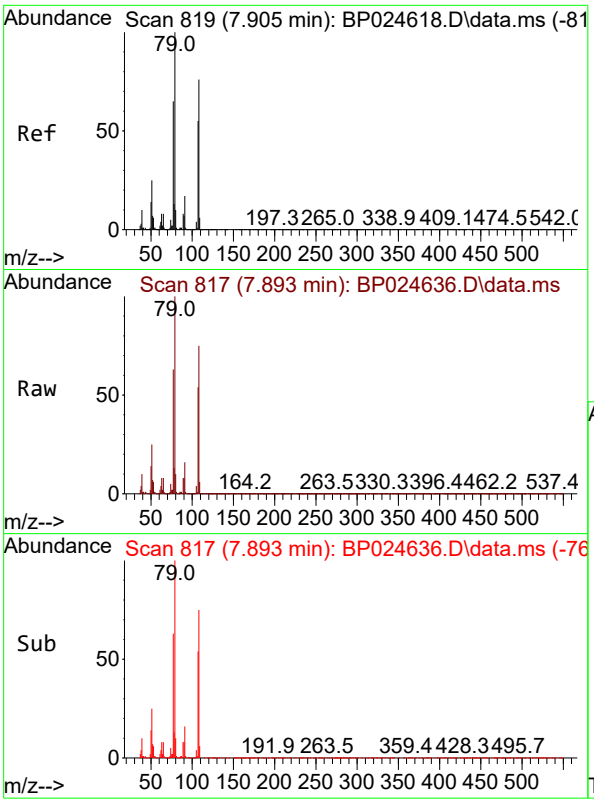


#14
1,2-Dichlorobenzene
Concen: 40.711 ng
RT: 7.999 min Scan# 835
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:146 Resp: 399364

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	43.5	35.2	52.8



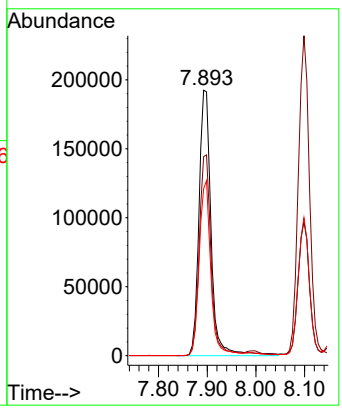


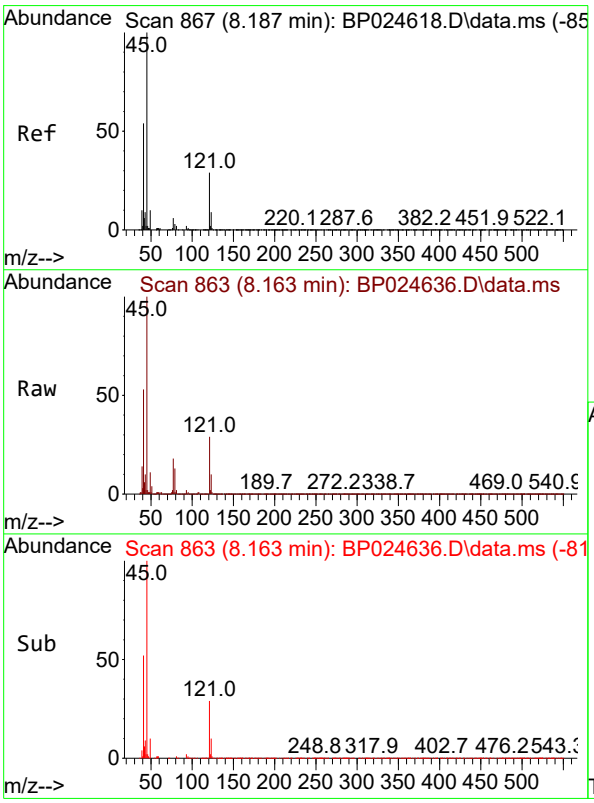
#15
Benzyl Alcohol
Concen: 44.682 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion: 79 Resp: 332118

Ion	Ratio	Lower	Upper
79	100		
108	75.0	60.8	91.2
77	62.9	51.9	77.9

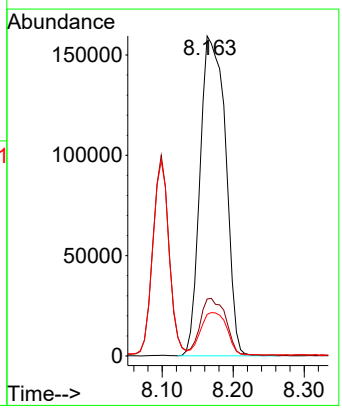


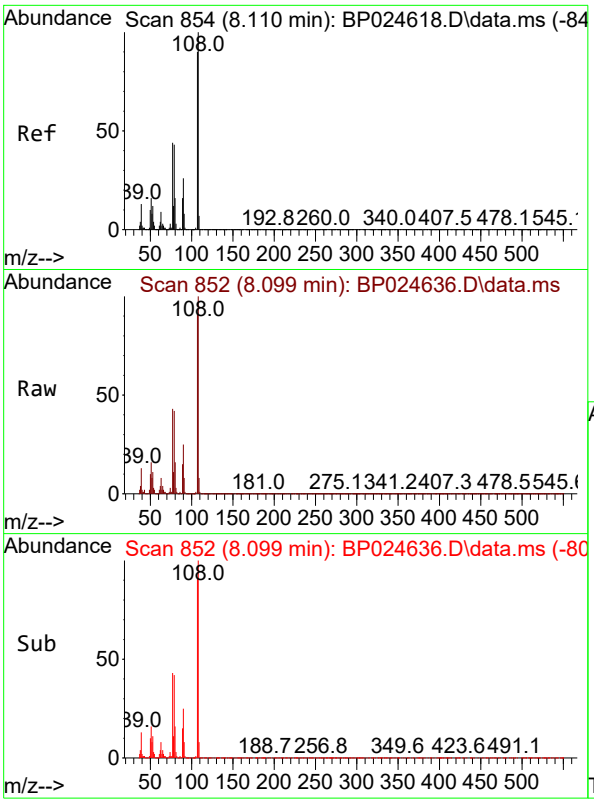


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.836 ng
RT: 8.163 min Scan# 863
Delta R.T. -0.024 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion: 45 Resp: 395746

Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	37.7
79	13.0	0.0	34.0



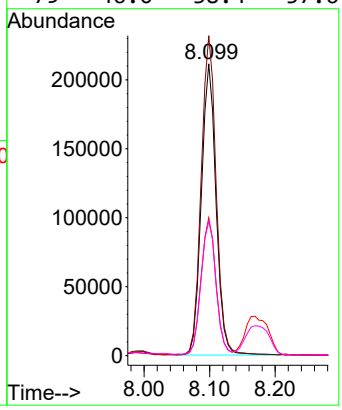


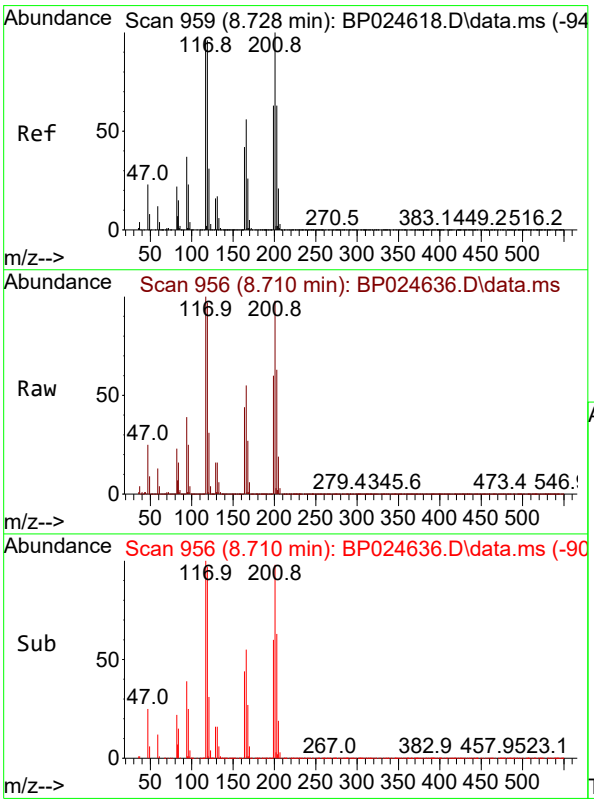
#17
2-Methylphenol
Concen: 45.567 ng
RT: 8.099 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:107 Resp: 329941

Ion	Ratio	Lower	Upper
107	100		
108	109.6	88.9	133.3
77	47.2	39.0	58.6
79	46.0	38.4	57.6

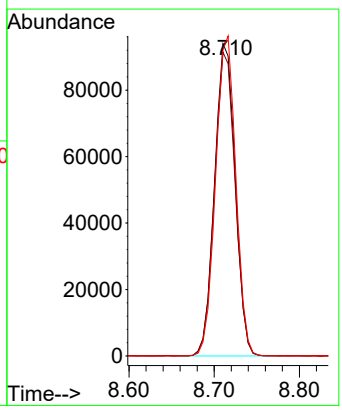


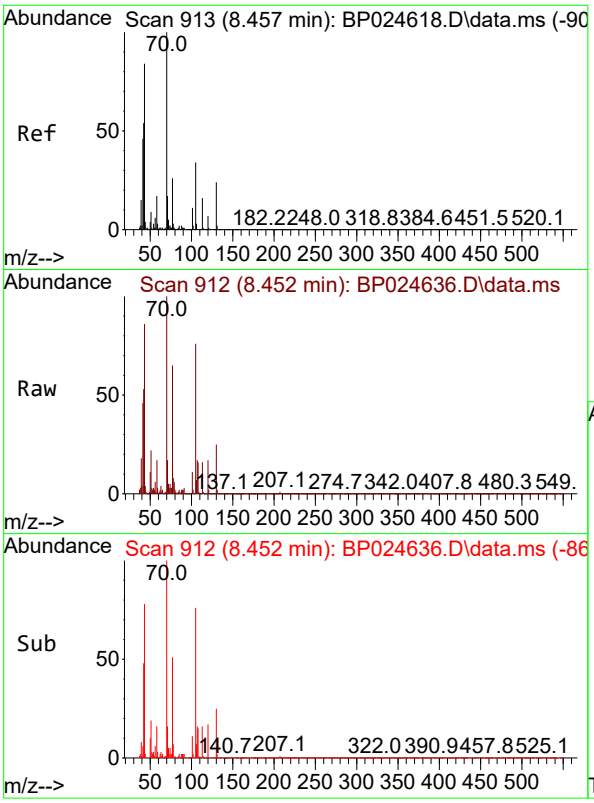


#18
Hexachloroethane
Concen: 40.894 ng
RT: 8.710 min Scan# 956
Delta R.T. -0.018 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:117 Resp: 157764

Ion	Ratio	Lower	Upper
117	100		
119	97.3	79.4	119.0
201	98.0	82.7	124.1



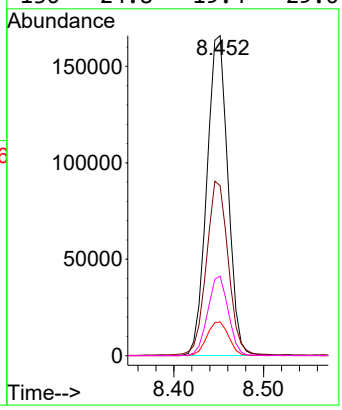


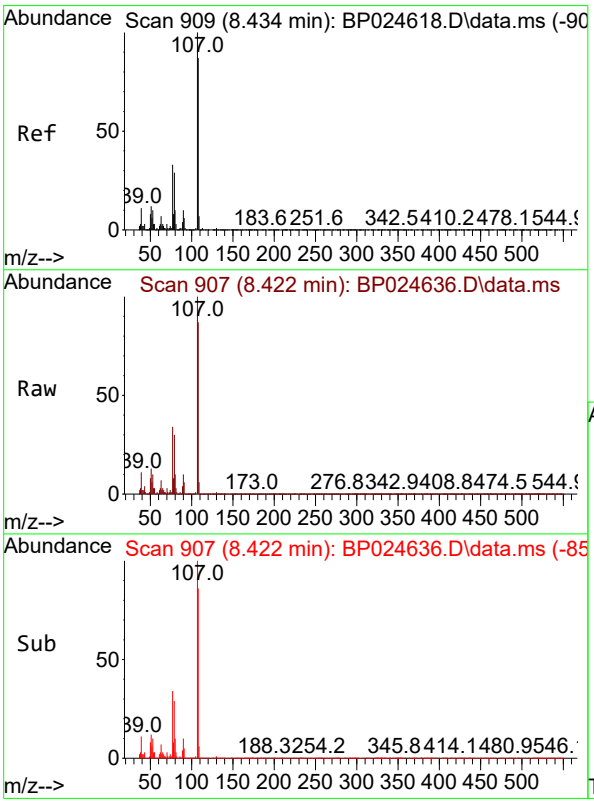
#19
n-Nitroso-di-n-propylamine
Concen: 40.039 ng
RT: 8.452 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion: 70 Resp: 270905

Ion	Ratio	Lower	Upper
70	100		
42	53.1	43.0	64.6
101	10.6	8.7	13.1
130	24.8	19.4	29.0

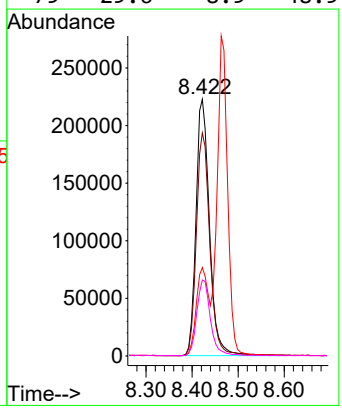


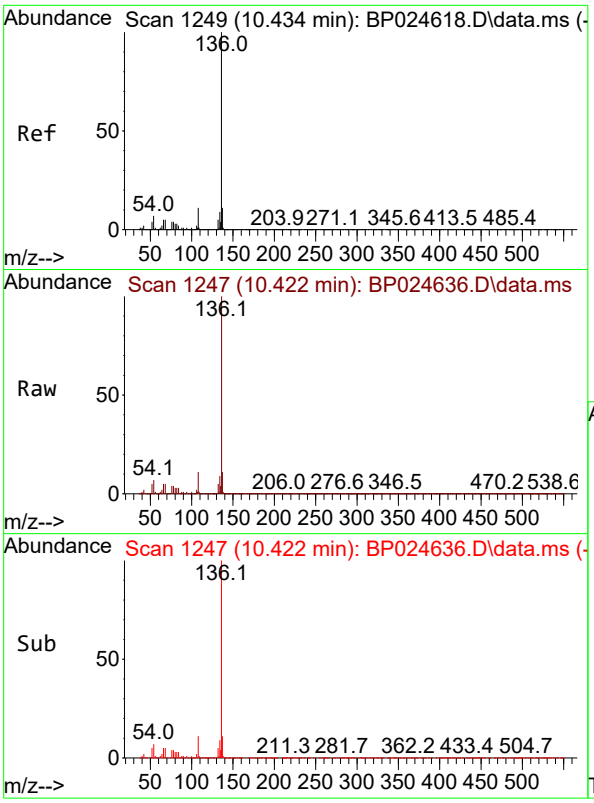


#20
3+4-Methylphenols
Concen: 45.848 ng
RT: 8.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:107 Resp: 451573

Ion	Ratio	Lower	Upper
107	100		
108	86.9	66.7	106.7
77	34.4	13.1	53.1
79	29.6	8.9	48.9



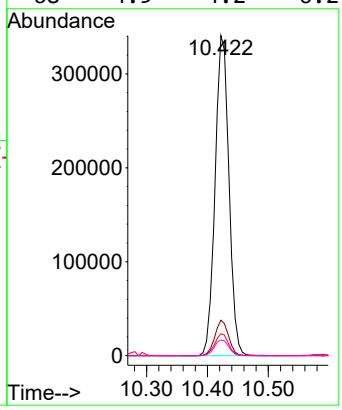


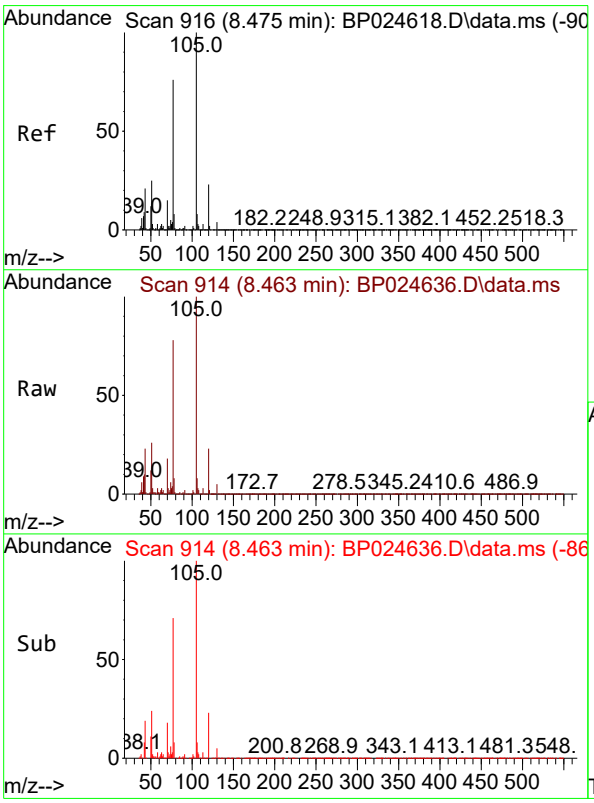
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:136 Resp: 537517

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.9	5.5	8.3
68	4.9	4.2	6.2

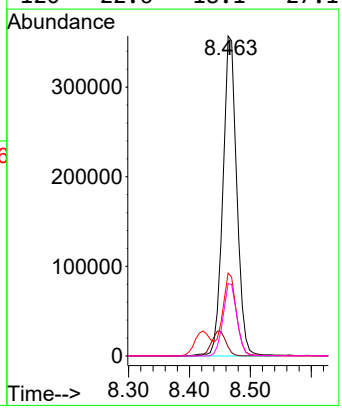


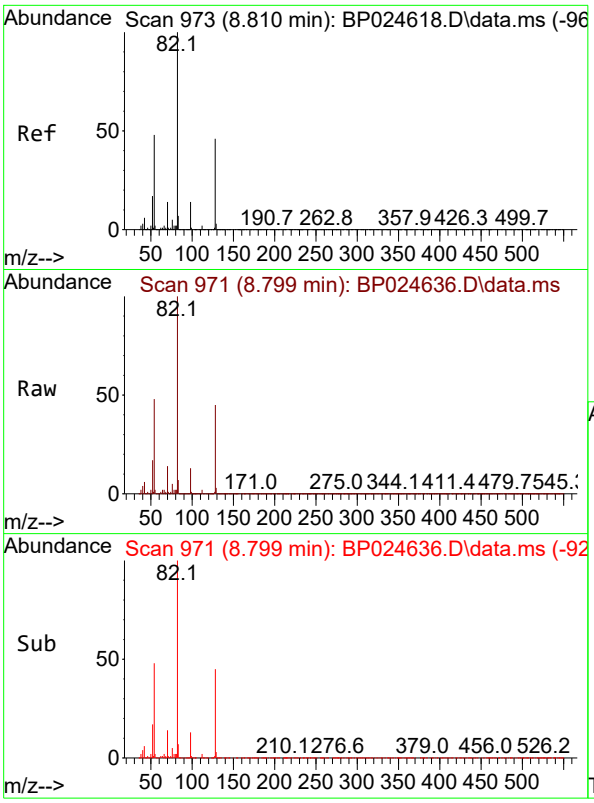


#22
Acetophenone
Concen: 42.273 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:105 Resp: 567593

Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.0	3.0
51	25.9	20.4	30.6
120	22.6	18.1	27.1



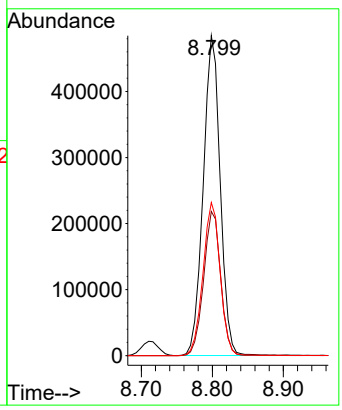


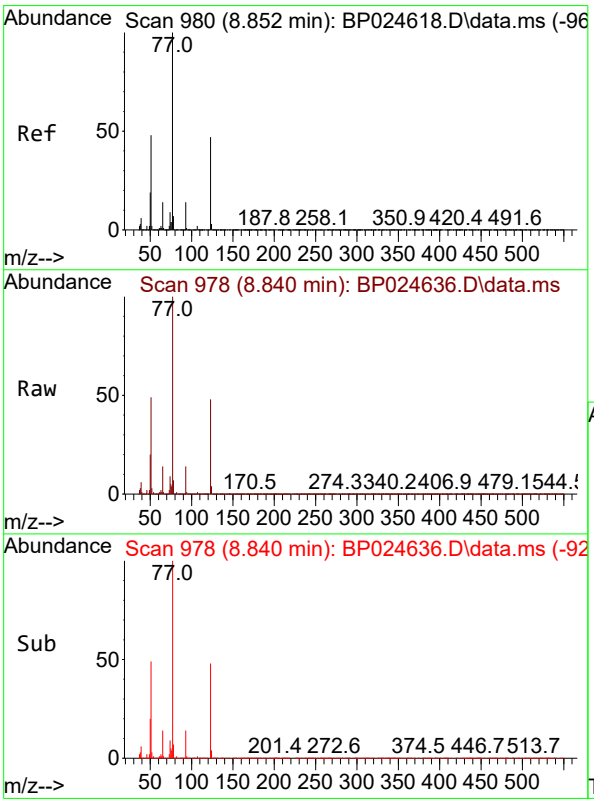
#23
Nitrobenzene-d5
Concen: 75.806 ng
RT: 8.799 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion: 82 Resp: 806449

Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.0	55.4
54	47.8	38.7	58.1

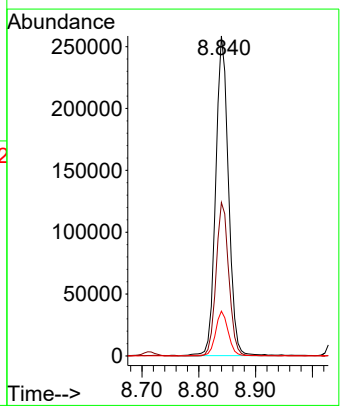


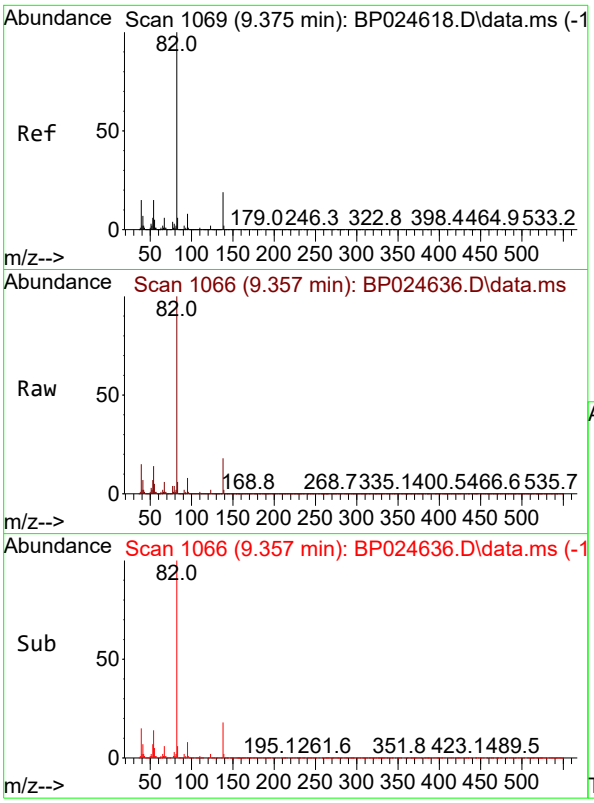


#24
Nitrobenzene
Concen: 43.197 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion: 77 Resp: 404402

Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.4	56.0
65	14.0	11.3	16.9



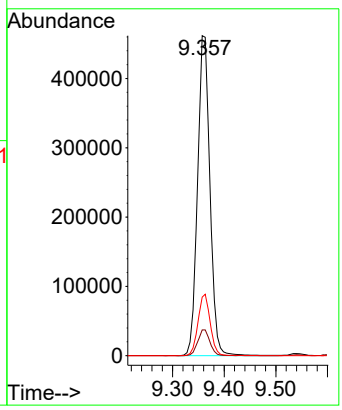


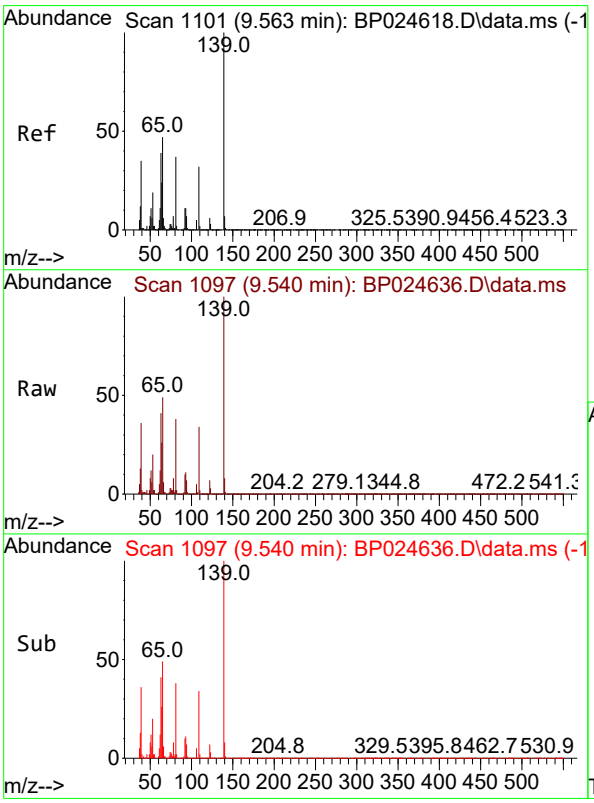
#25
Isophorone
Concen: 41.611 ng
RT: 9.357 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion: 82 Resp: 767868

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.3	9.5
138	18.3	15.3	22.9

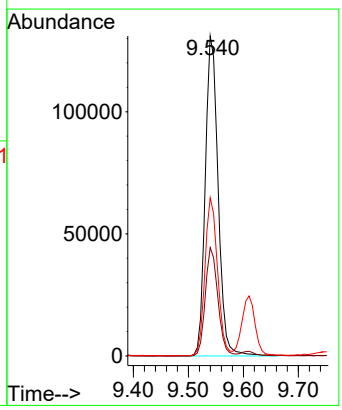


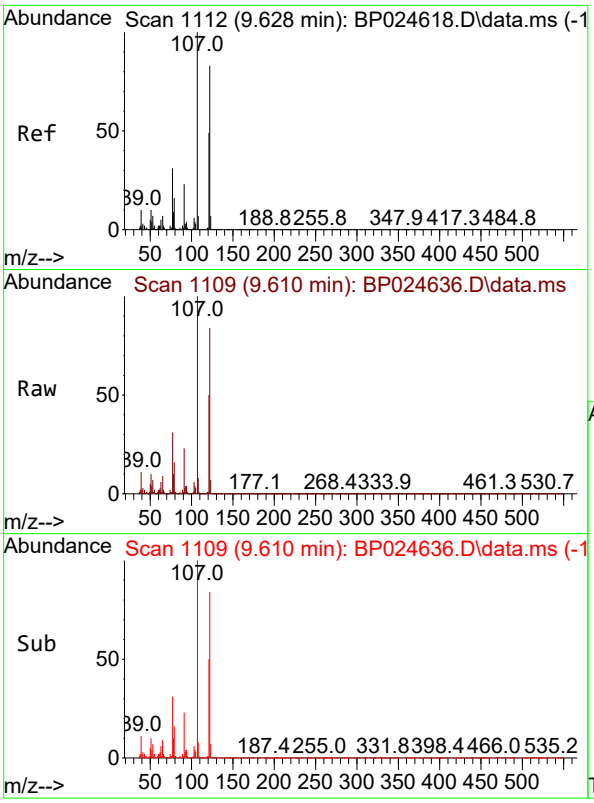


#26
2-Nitrophenol
Concen: 46.359 ng
RT: 9.540 min Scan# 1097
Delta R.T. -0.024 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:139 Resp: 212672

Ion	Ratio	Lower	Upper
139	100		
109	33.8	25.9	38.9
65	49.4	37.9	56.9



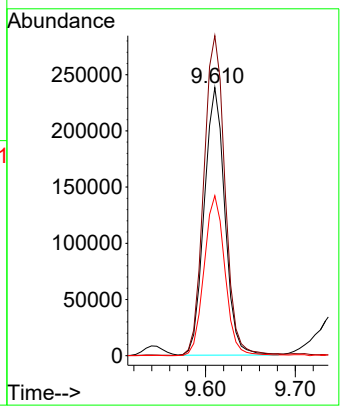


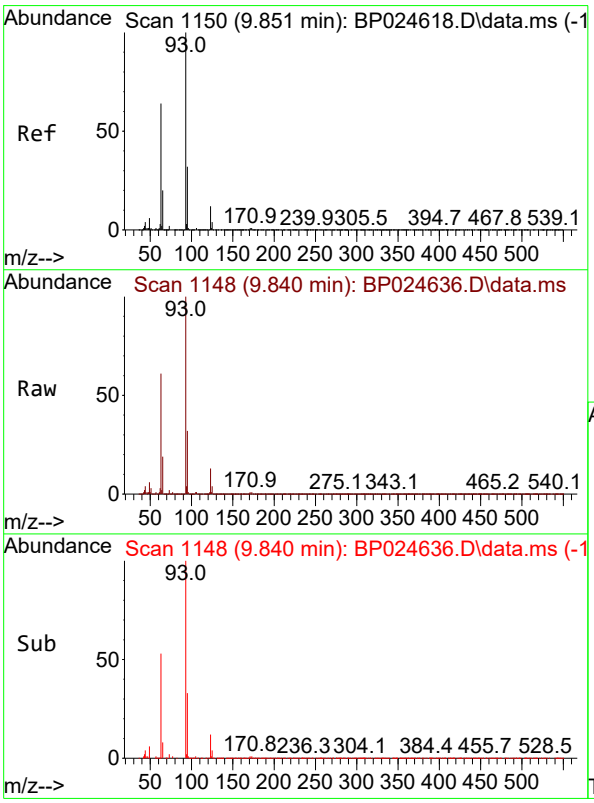
#27
2,4-Dimethylphenol
Concen: 47.020 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:122 Resp: 380304

Ion	Ratio	Lower	Upper
122	100		
107	119.3	96.2	144.2
121	59.7	47.6	71.4

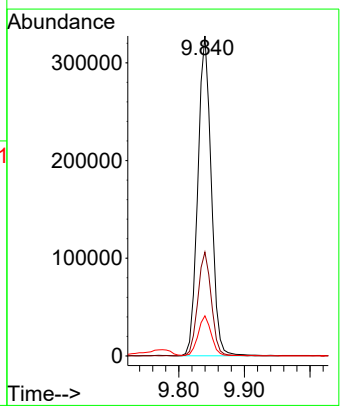


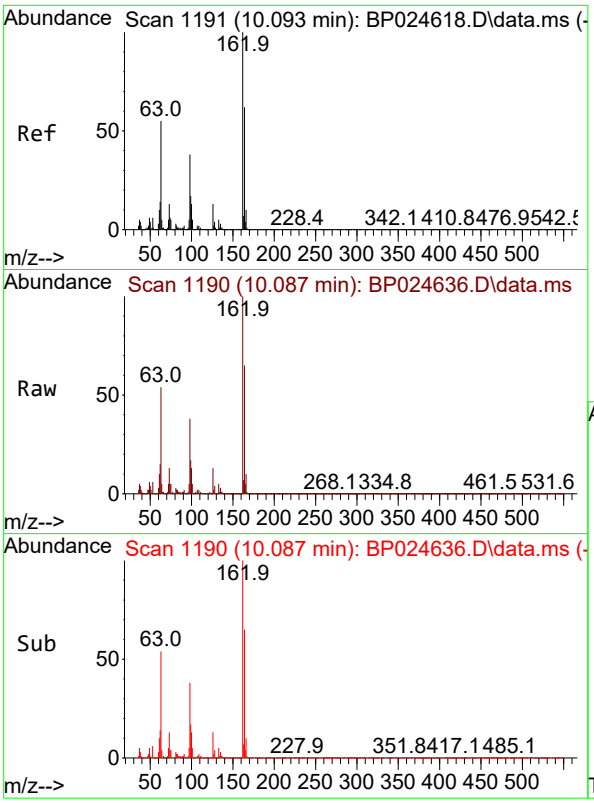


#28
bis(2-Chloroethoxy)methane
Concen: 42.382 ng
RT: 9.840 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion: 93 Resp: 467255

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.5	38.3
123	12.5	9.7	14.5



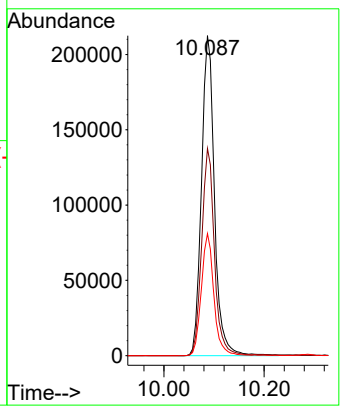


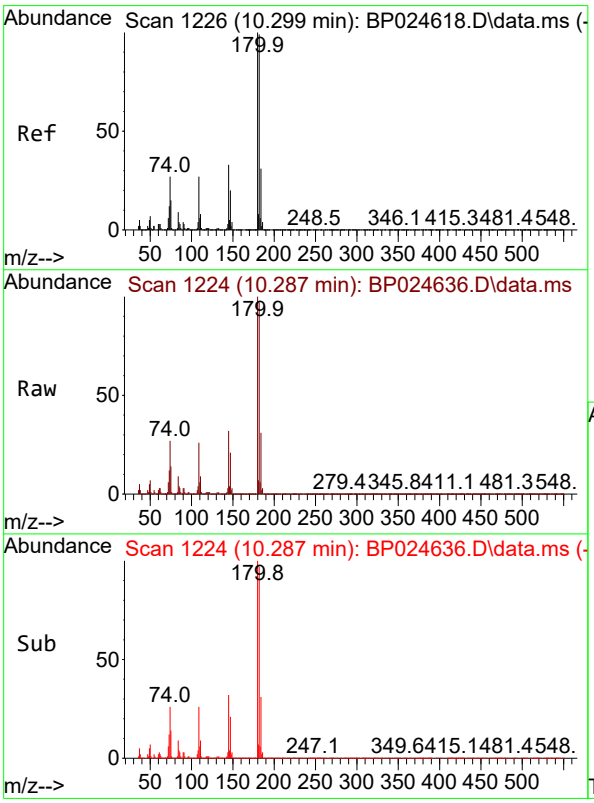
#29
2,4-Dichlorophenol
Concen: 48.756 ng
RT: 10.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:162 Resp: 382143

Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.3	82.3
98	38.1	18.4	58.4

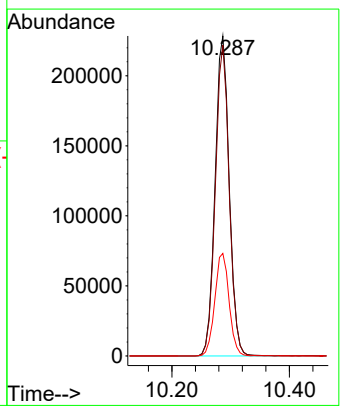


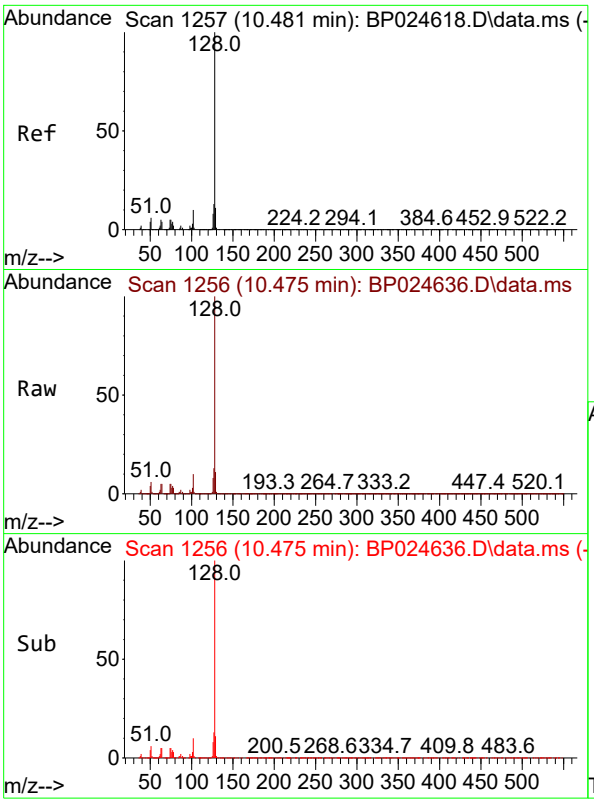


#30
1,2,4-Trichlorobenzene
Concen: 43.151 ng
RT: 10.287 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:180 Resp: 381129

Ion	Ratio	Lower	Upper
180	100		
182	97.1	79.0	118.4
145	32.1	26.6	39.8



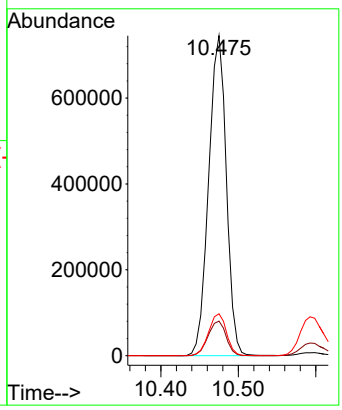


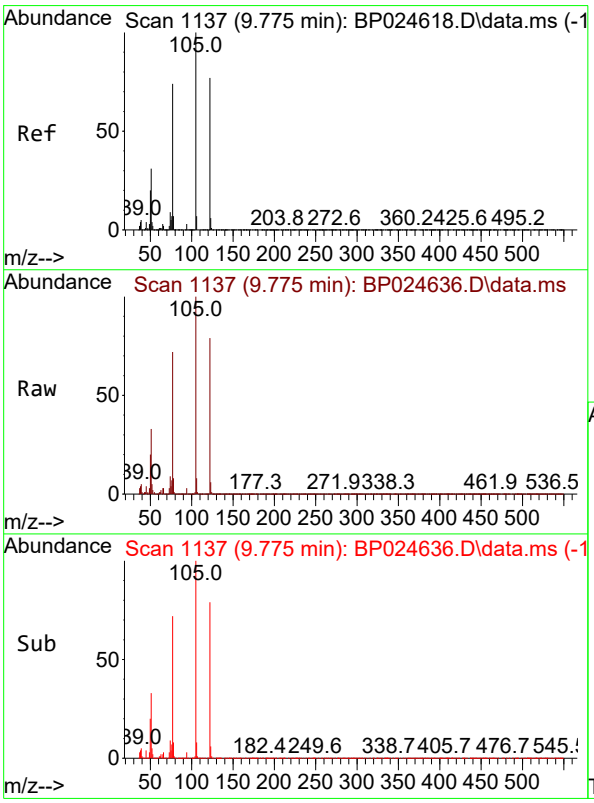
#31
Naphthalene
Concen: 42.353 ng
RT: 10.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:128 Resp: 1179733

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.1	10.7	16.1

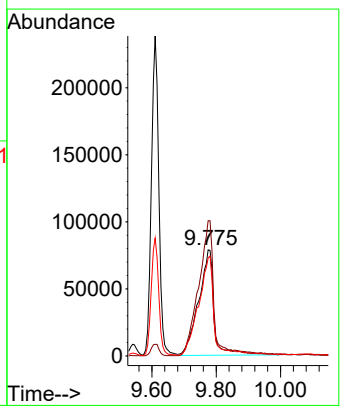


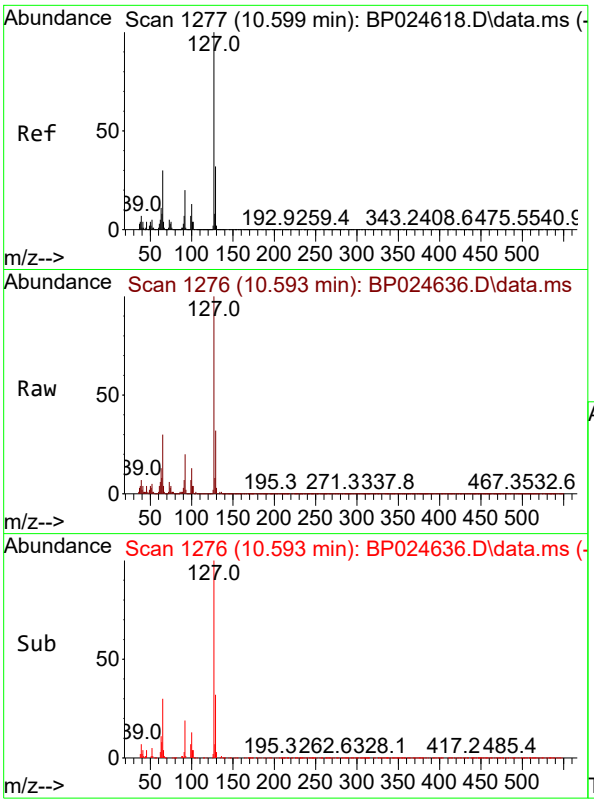


#32
Benzoic acid
Concen: 46.811 ng
RT: 9.775 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:122 Resp: 262342

Ion	Ratio	Lower	Upper
122	100		
105	127.4	106.9	146.9
77	92.3	75.1	115.1



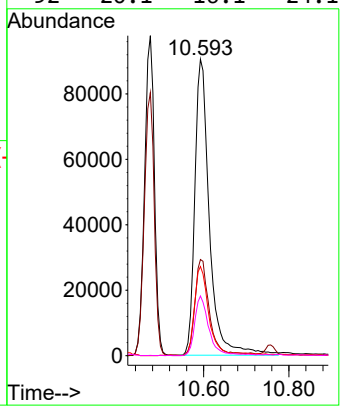


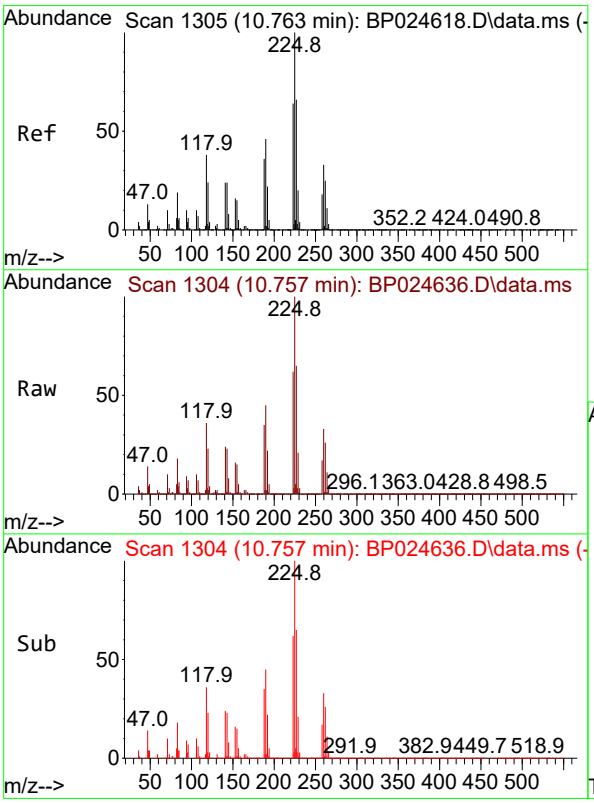
#33
4-Chloroaniline
Concen: 19.197 ng
RT: 10.593 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:127 Resp: 215778

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	30.0	23.9	35.9
92	20.1	16.1	24.1

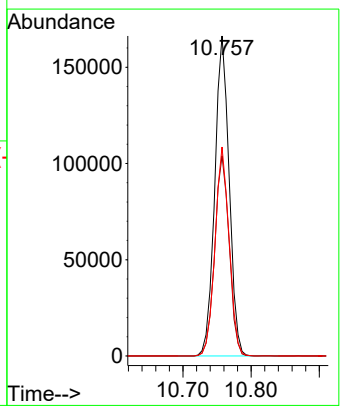


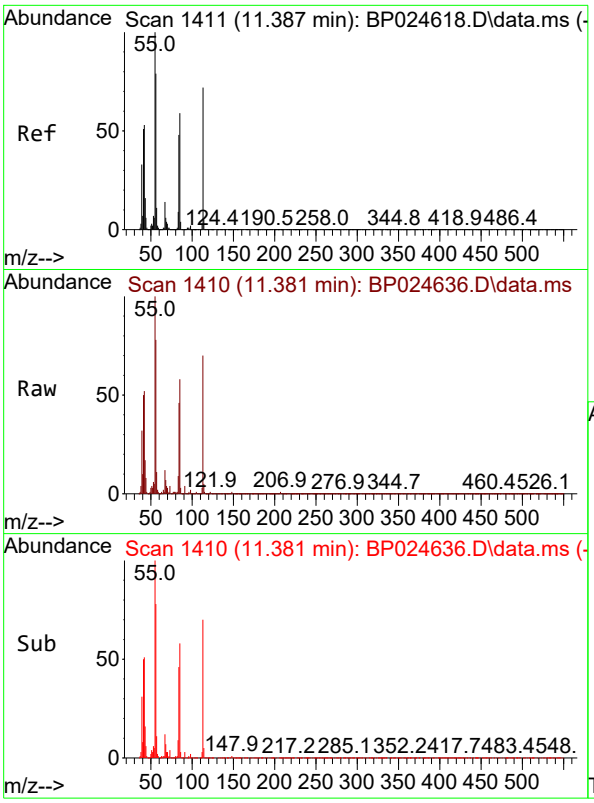


#34
Hexachlorobutadiene
Concen: 42.650 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:225 Resp: 244032

Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	65.3	53.1	79.7



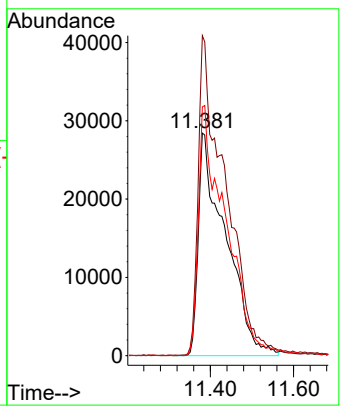


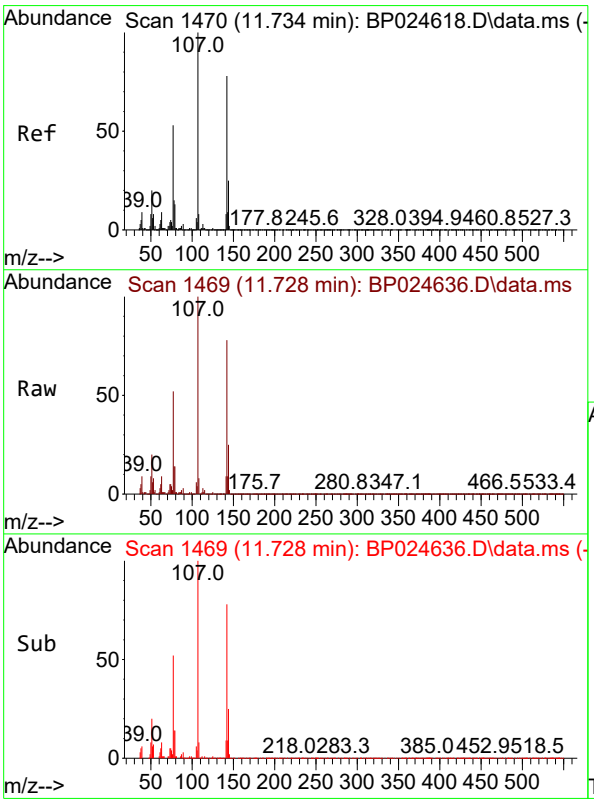
#35
Caprolactam
Concen: 45.423 ng
RT: 11.381 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:113 Resp: 128809

Ion	Ratio	Lower	Upper
113	100		
55	143.8	119.0	159.0
56	111.8	90.3	130.3

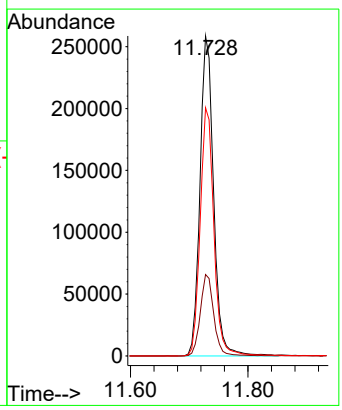


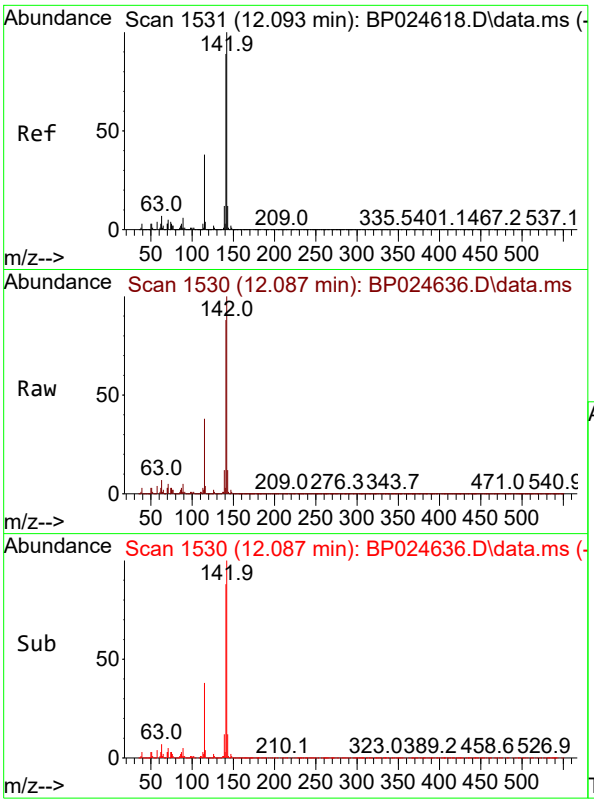


#36
4-Chloro-3-methylphenol
Concen: 43.596 ng
RT: 11.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:107 Resp: 416701

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.1	30.1
142	77.5	62.1	93.1



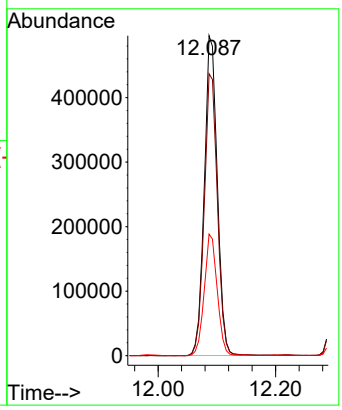


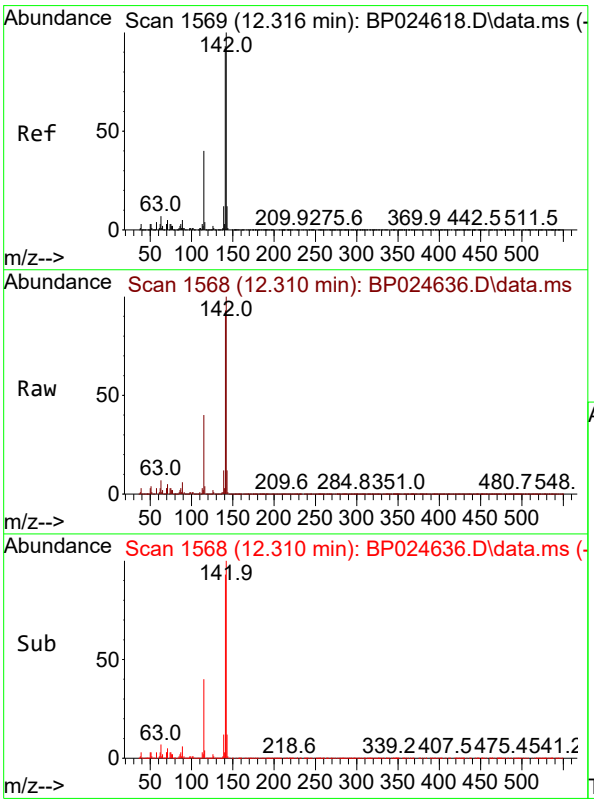
#37
2-Methylnaphthalene
Concen: 42.084 ng
RT: 12.087 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:142 Resp: 759040

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.2	106.8
115	38.0	30.6	46.0

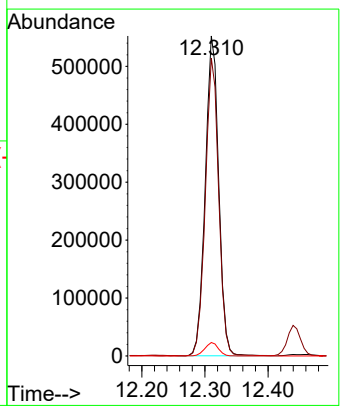


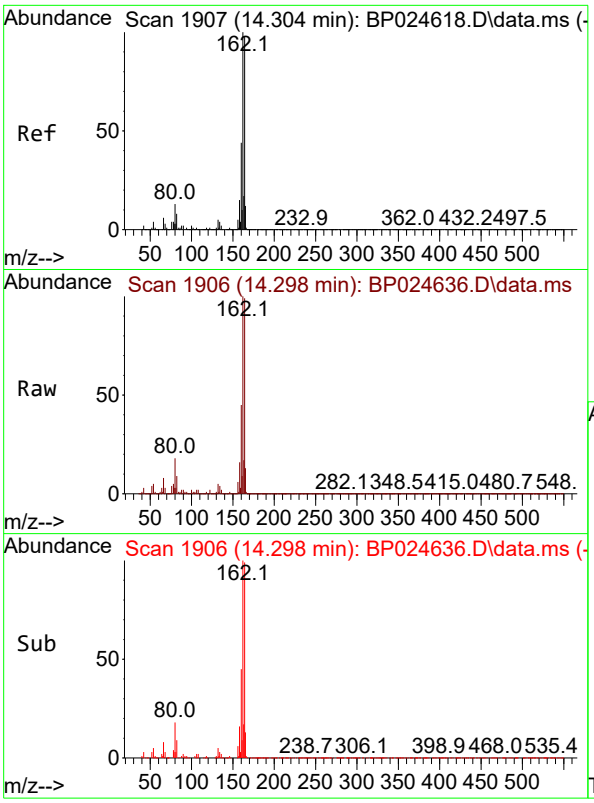


#38
1-Methylnaphthalene
Concen: 42.174 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:142 Resp: 813878

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.7	112.1
116	4.2	3.4	5.2



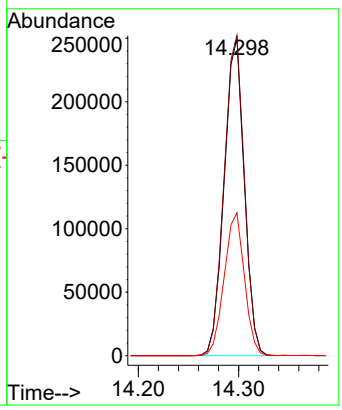


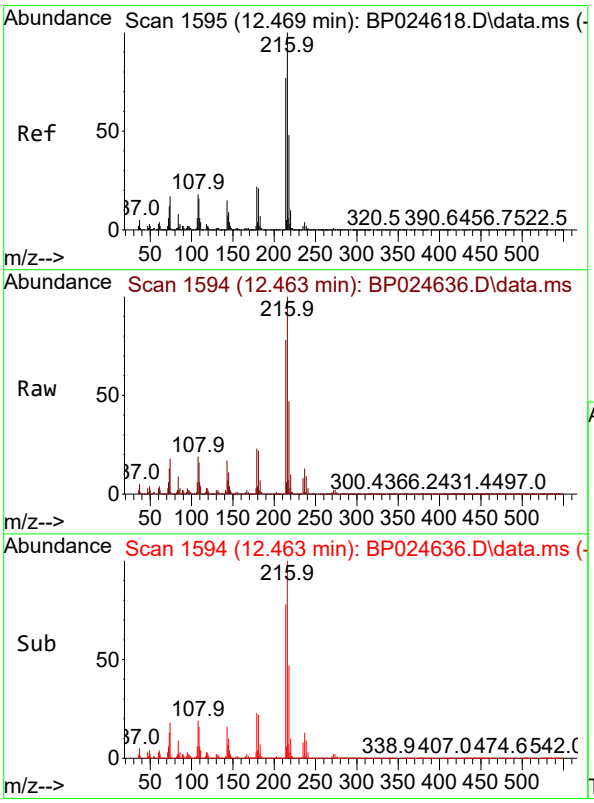
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.298 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:164 Resp: 347277

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.6
160	45.0	36.3	54.5

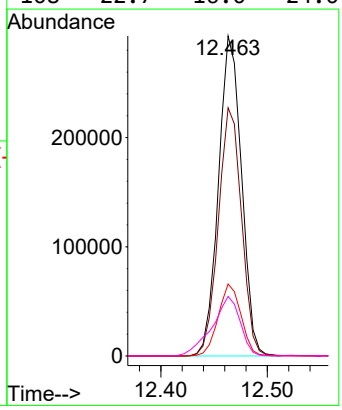


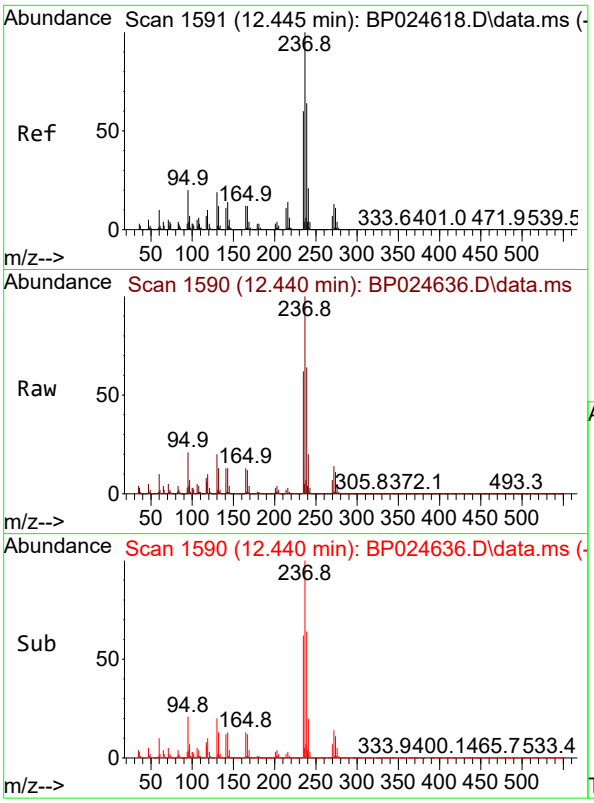


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.595 ng
RT: 12.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:216 Resp: 439636

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	22.3	17.7	26.5
108	22.7	16.0	24.0



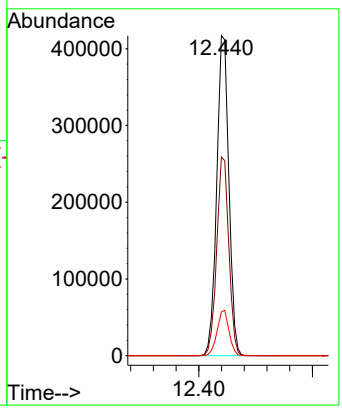


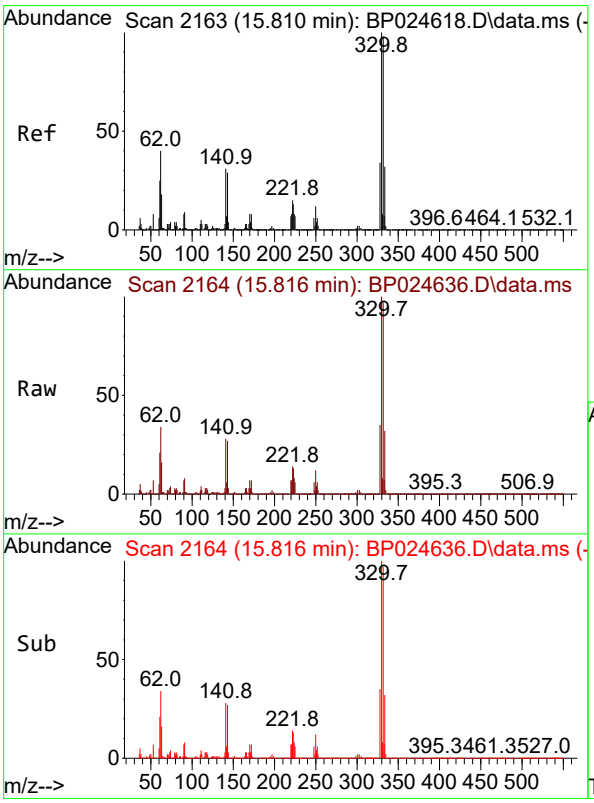
#41
Hexachlorocyclopentadiene
Concen: 101.081 ng
RT: 12.440 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:237 Resp: 618099

Ion	Ratio	Lower	Upper
237	100		
235	62.1	39.9	79.9
272	13.6	0.0	33.2

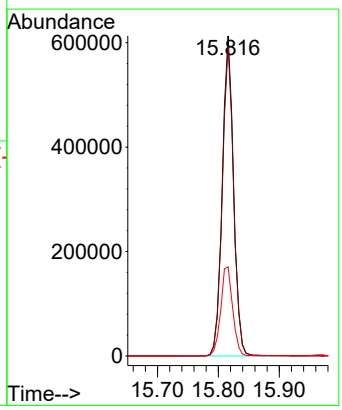


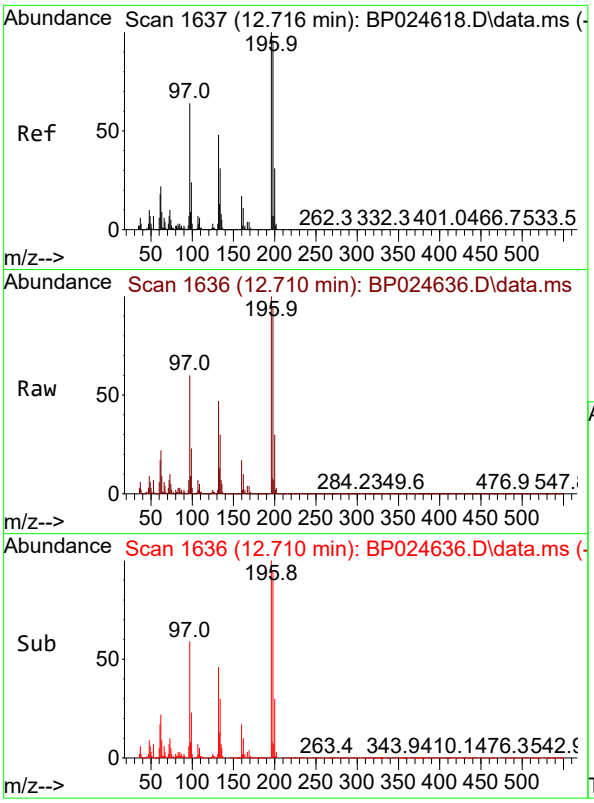


#42
2,4,6-Tribromophenol
Concen: 134.019 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:330 Resp: 789015

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.2	117.4
141	29.5	24.3	36.5



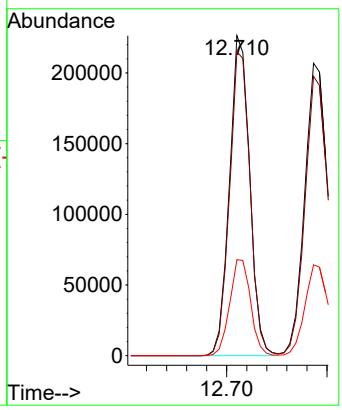


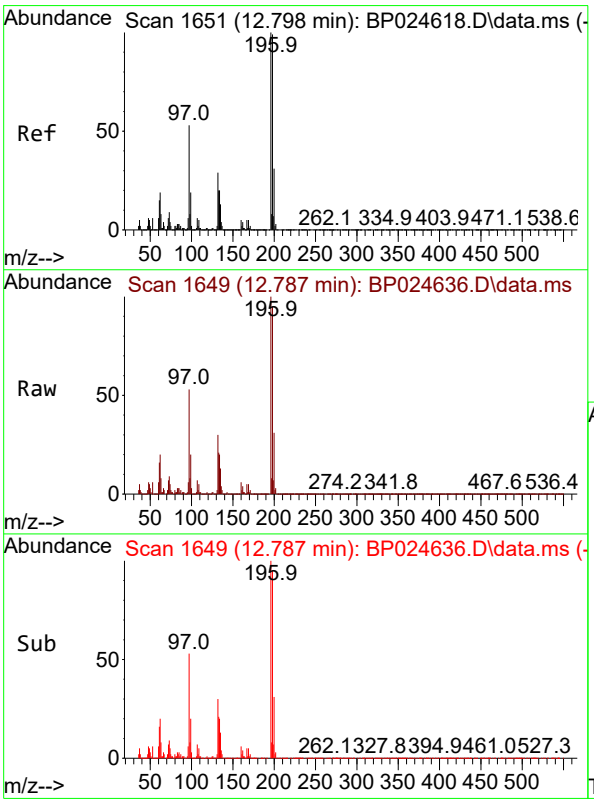
#43
2,4,6-Trichlorophenol
Concen: 48.539 ng
RT: 12.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:196 Resp: 317048

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.9	115.3
200	30.0	25.2	37.8

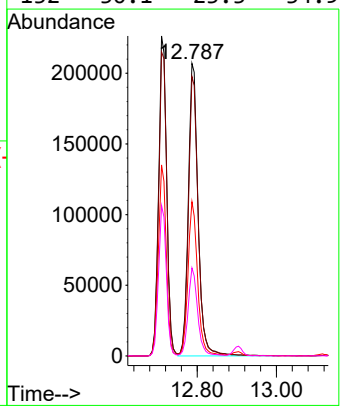


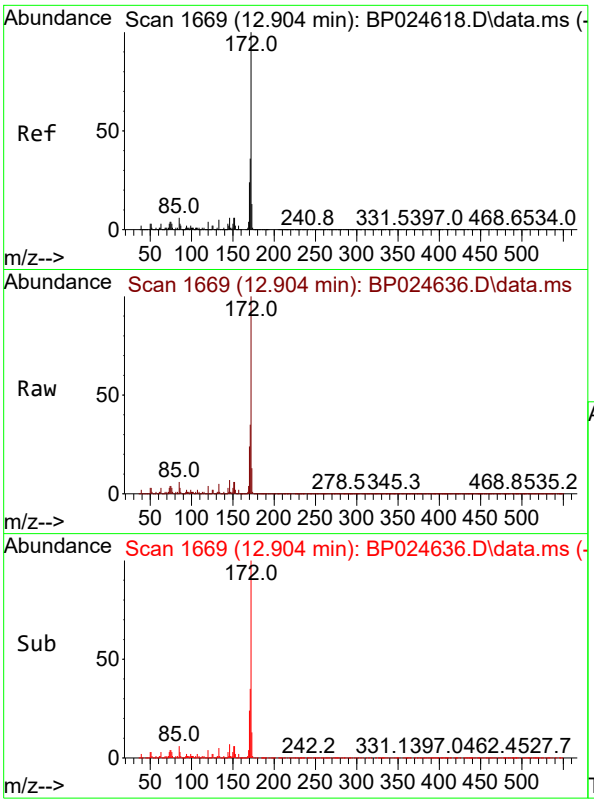


#44
2,4,5-Trichlorophenol
Concen: 48.883 ng
RT: 12.787 min Scan# 1649
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:196 Resp: 355418

Ion	Ratio	Lower	Upper
196	100		
198	95.5	79.2	118.8
97	52.7	42.3	63.5
132	30.1	23.3	34.9



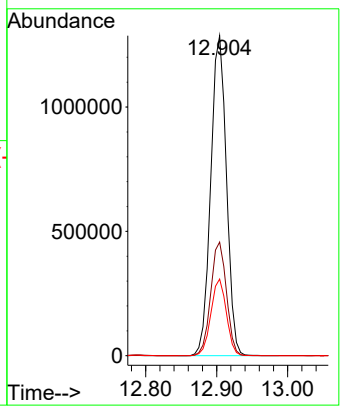


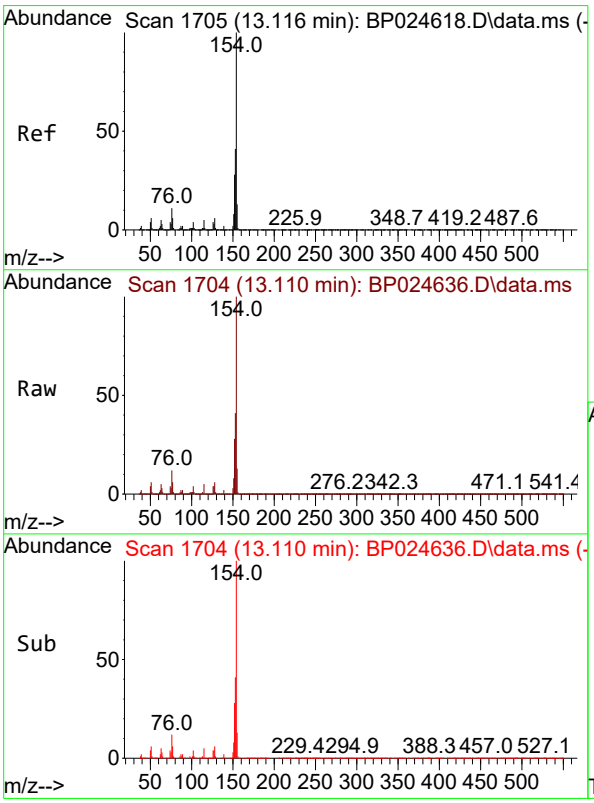
#45
2-Fluorobiphenyl
Concen: 74.470 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:172 Resp: 1973979

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	23.9	18.8	28.2

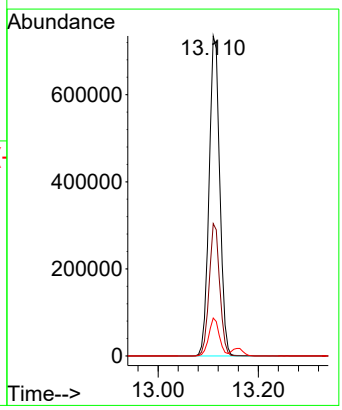


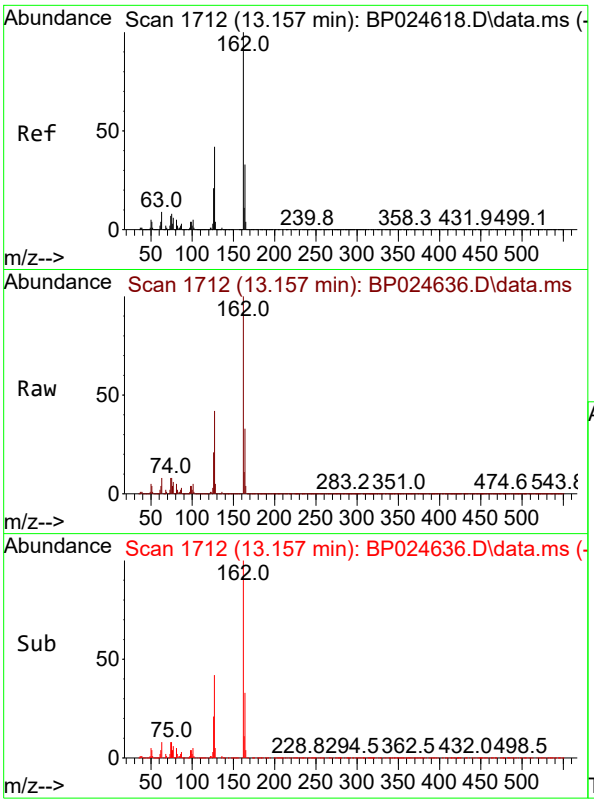


#46
1,1'-Biphenyl
Concen: 42.370 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:154 Resp: 1087547

Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.0	61.0
76	11.8	0.0	31.5



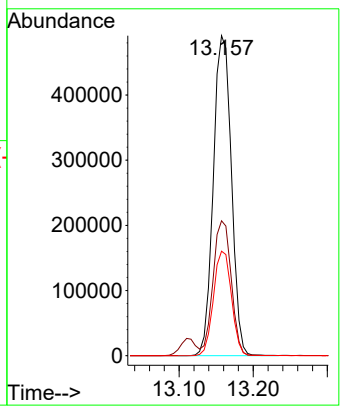


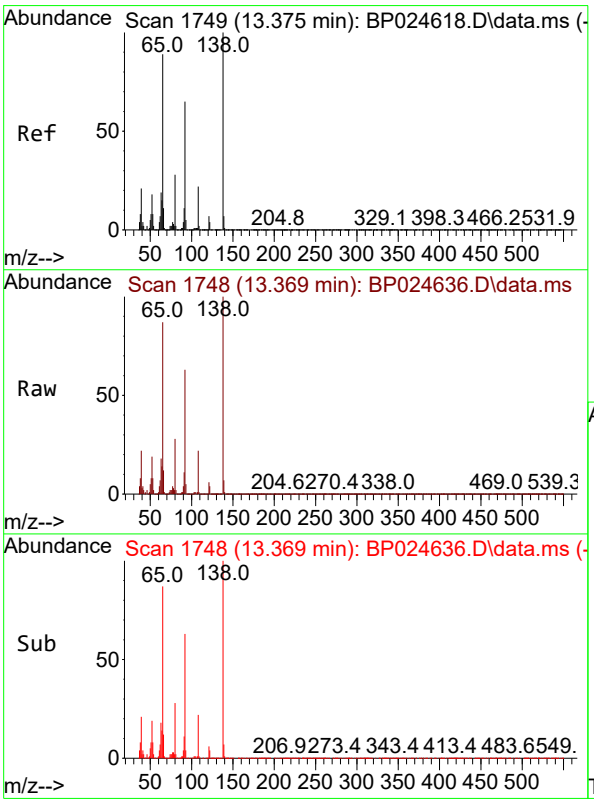
#47
2-Chloronaphthalene
Concen: 42.452 ng
RT: 13.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:162 Resp: 830827

Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.8	50.6
164	32.6	26.0	39.0

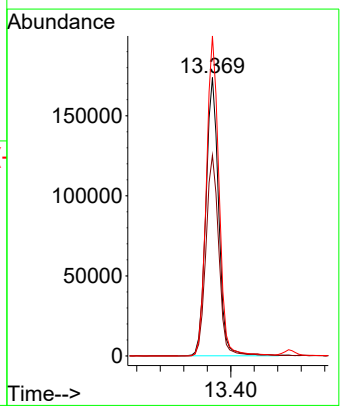


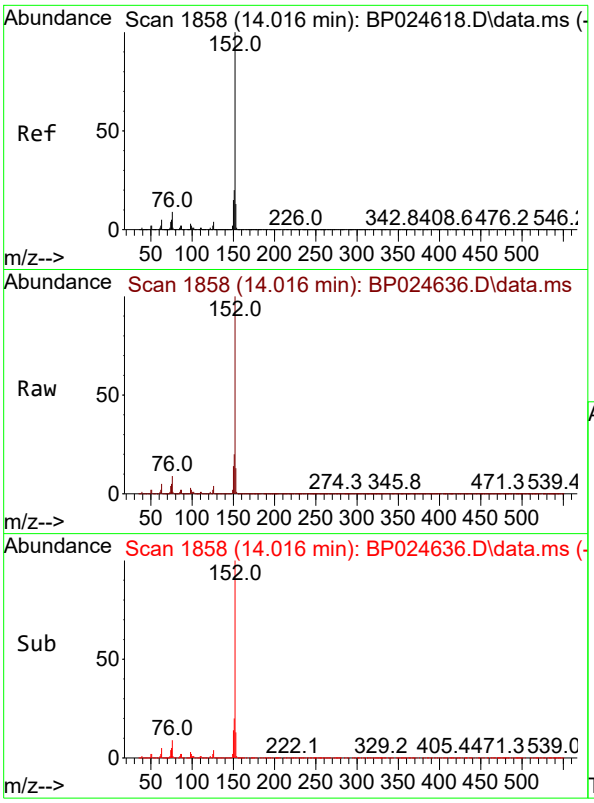


#48
2-Nitroaniline
Concen: 45.161 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion: 65 Resp: 261668

Ion	Ratio	Lower	Upper
65	100		
92	72.1	58.7	88.1
138	114.9	90.2	135.2



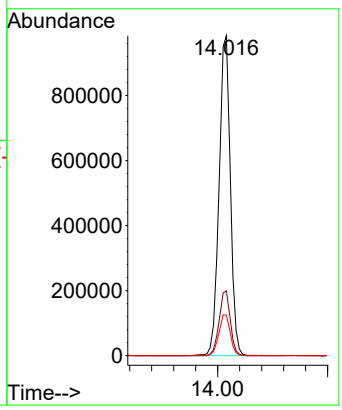


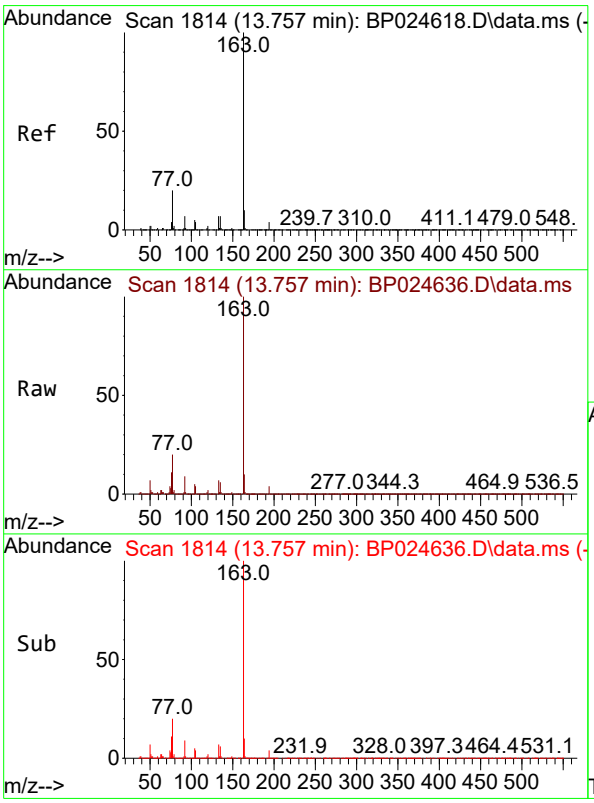
#49
Acenaphthylene
Concen: 42.731 ng
RT: 14.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:152 Resp: 1399482

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	12.7	10.2	15.4

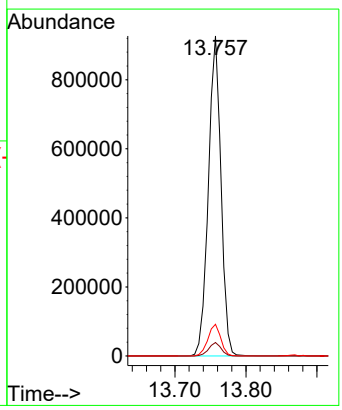


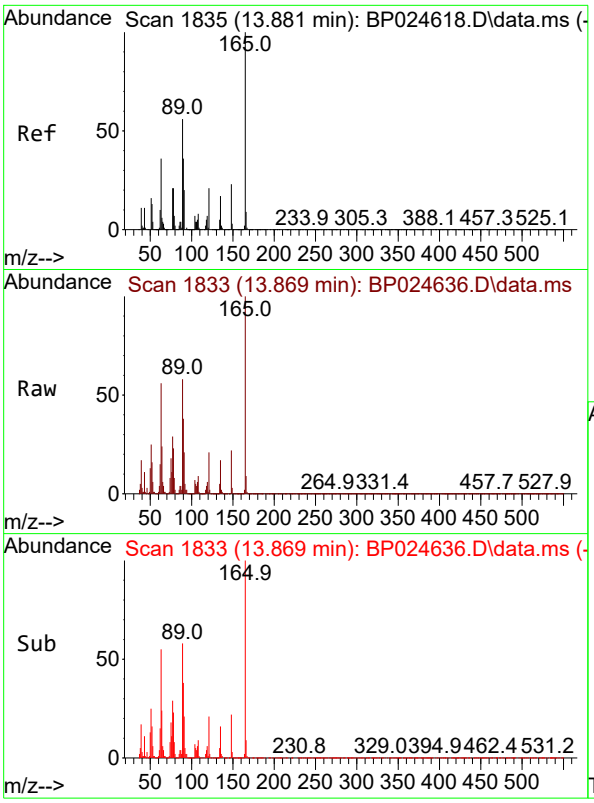


#50
Dimethylphthalate
Concen: 43.156 ng
RT: 13.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:163 Resp: 1142335

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.9	8.1	12.1



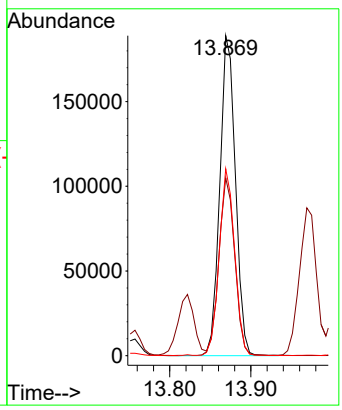


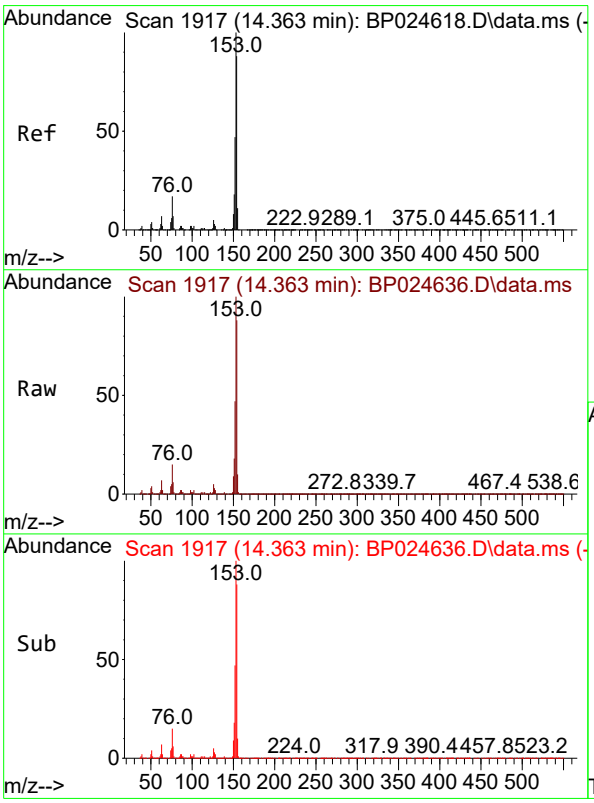
#51
2,6-Dinitrotoluene
Concen: 45.211 ng
RT: 13.869 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:165 Resp: 252742

Ion	Ratio	Lower	Upper
165	100		
63	55.6	42.4	63.6
89	58.4	44.8	67.2

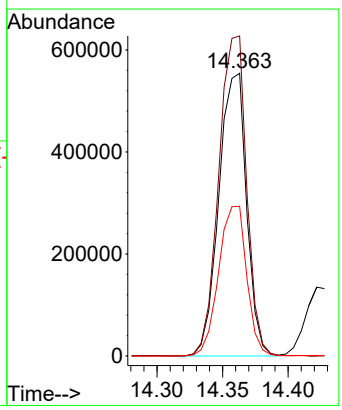


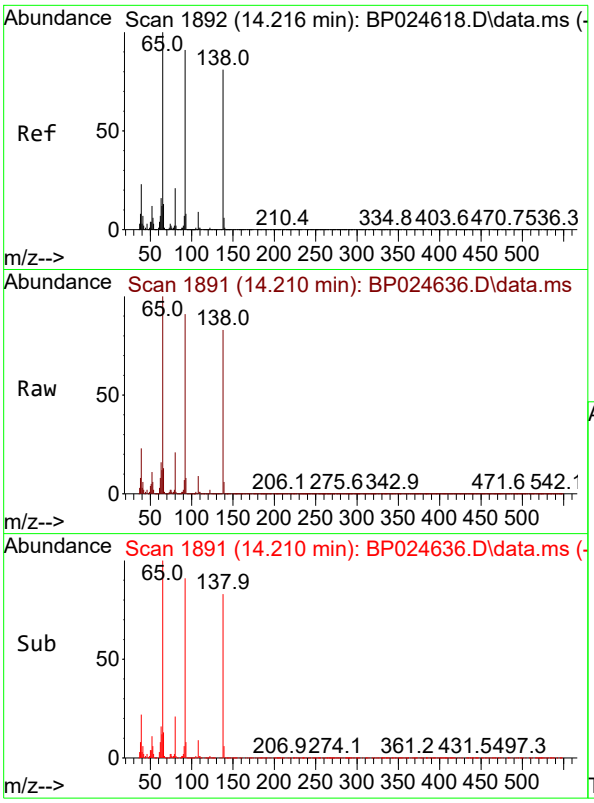


#52
Acenaphthene
Concen: 43.217 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:154 Resp: 813698

Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.0	136.4
152	53.0	42.9	64.3



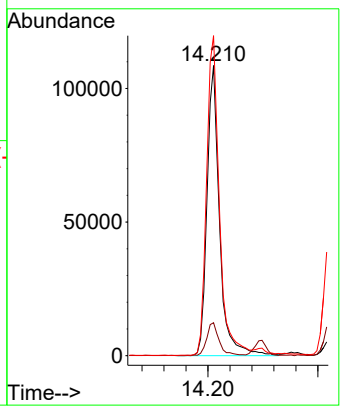


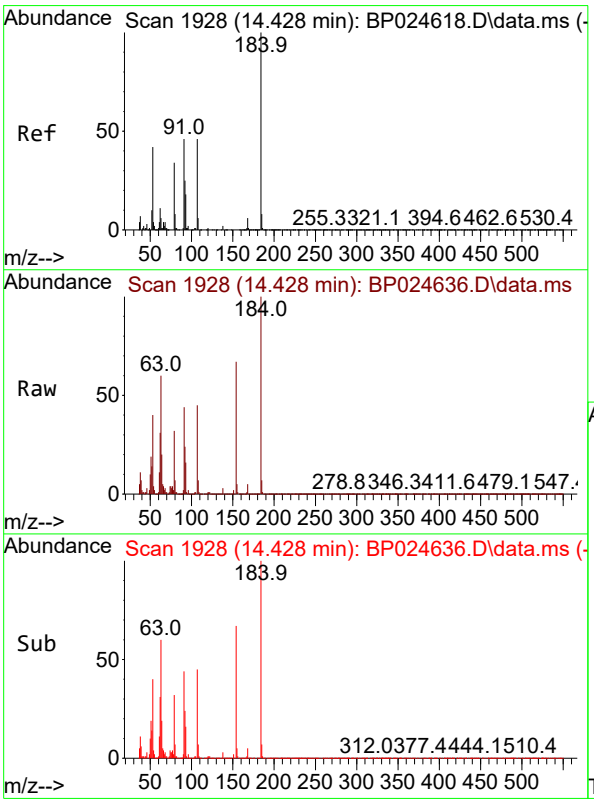
#53
3-Nitroaniline
Concen: 30.018 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:138 Resp: 171345

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.0	13.4
92	110.3	90.1	135.1

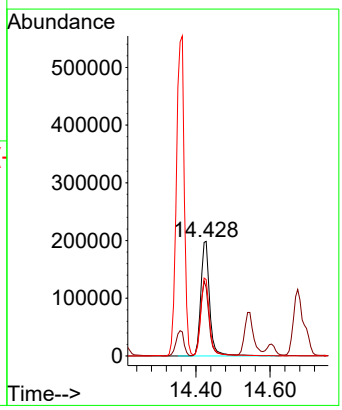


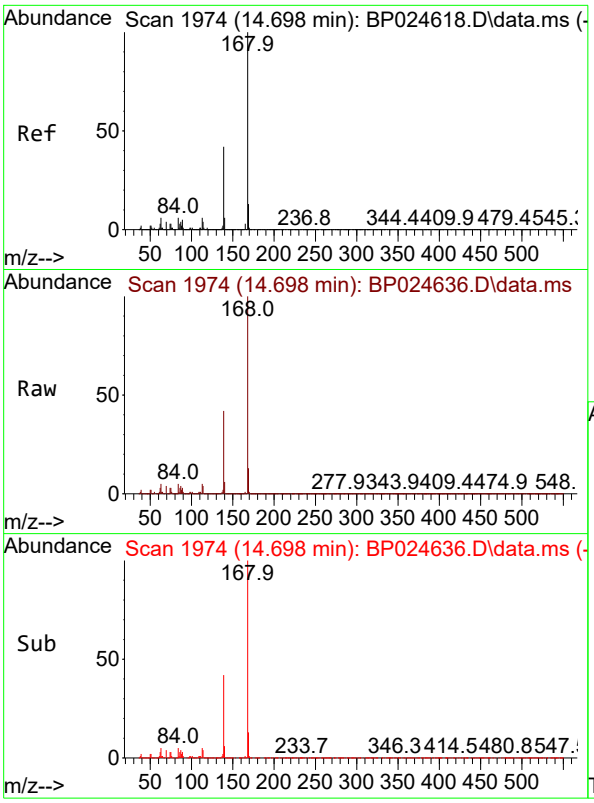


#54
2,4-Dinitrophenol
Concen: 91.929 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:184 Resp: 327717

Ion	Ratio	Lower	Upper
184	100		
63	59.6	51.3	76.9
154	66.6	53.5	80.3



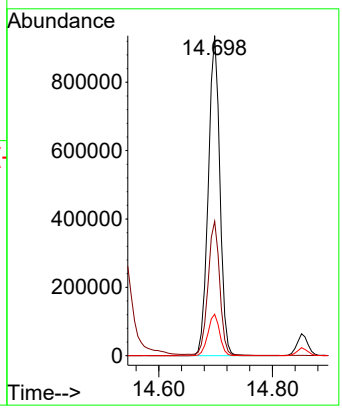


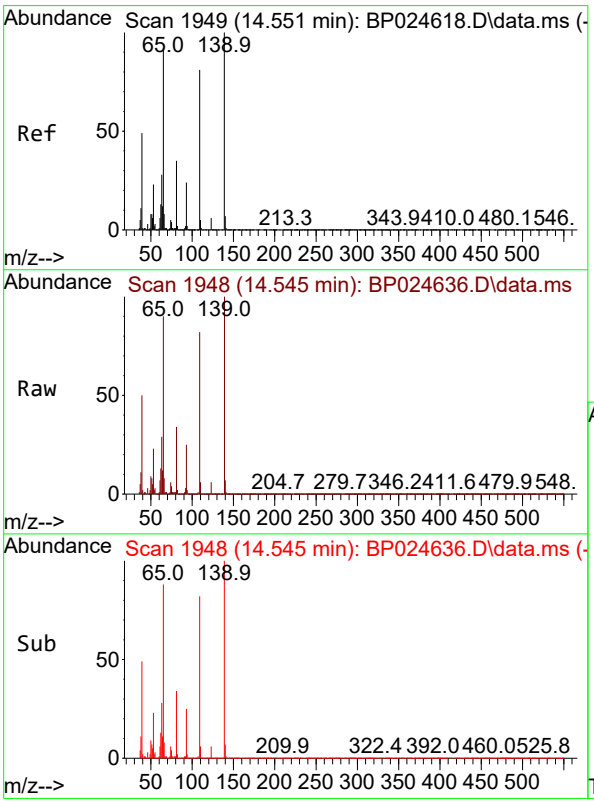
#55
Dibenzofuran
Concen: 43.757 ng
RT: 14.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:168 Resp: 1314124

Ion	Ratio	Lower	Upper
168	100		
139	42.0	34.2	51.4
169	12.9	10.8	16.2

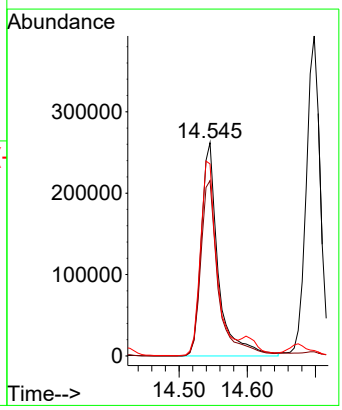


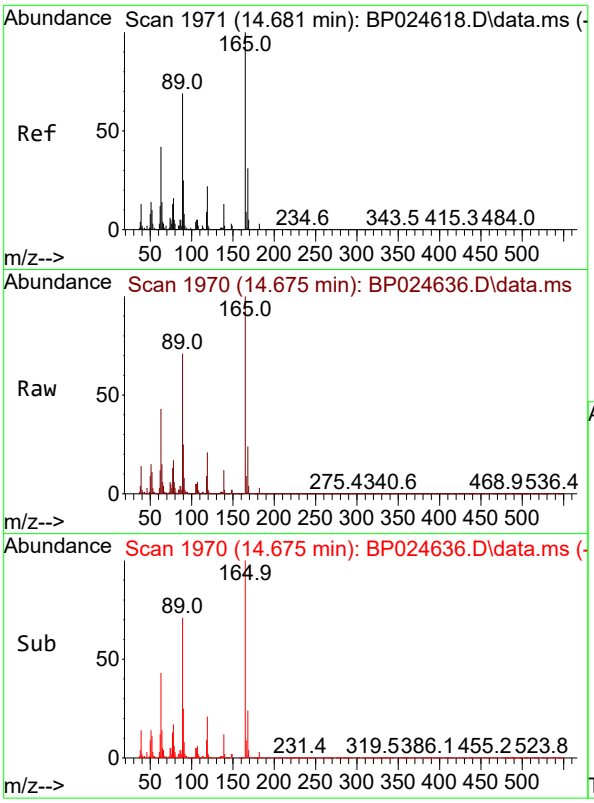


#56
4-Nitrophenol
Concen: 91.385 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:139 Resp: 454745

Ion	Ratio	Lower	Upper
139	100		
109	82.3	61.4	101.4
65	90.1	72.2	112.2



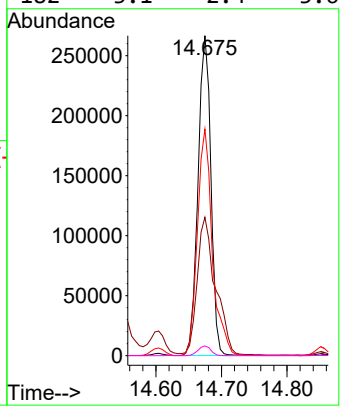


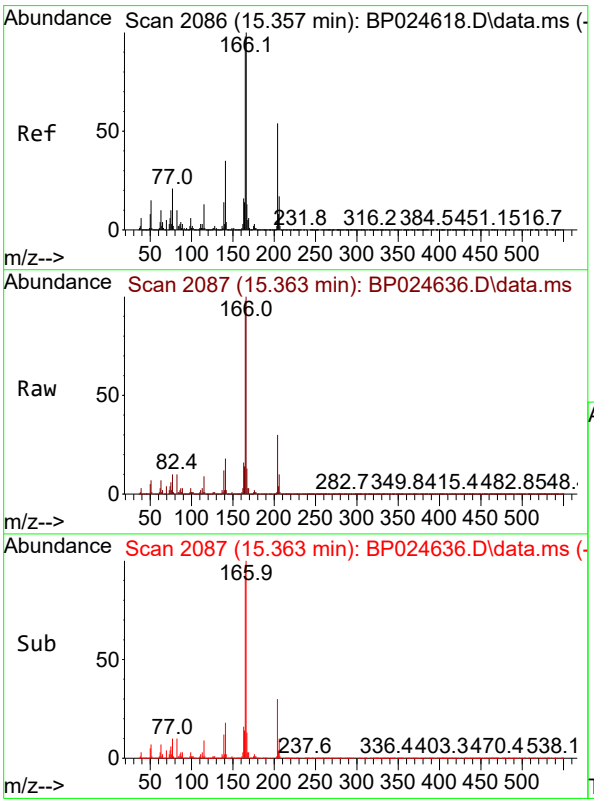
#57
2,4-Dinitrotoluene
Concen: 46.266 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:165 Resp: 364632

Ion	Ratio	Lower	Upper
165	100		
63	43.3	33.8	50.6
89	70.8	55.6	83.4
182	3.1	2.4	3.6

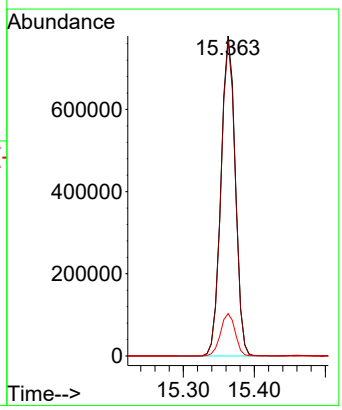


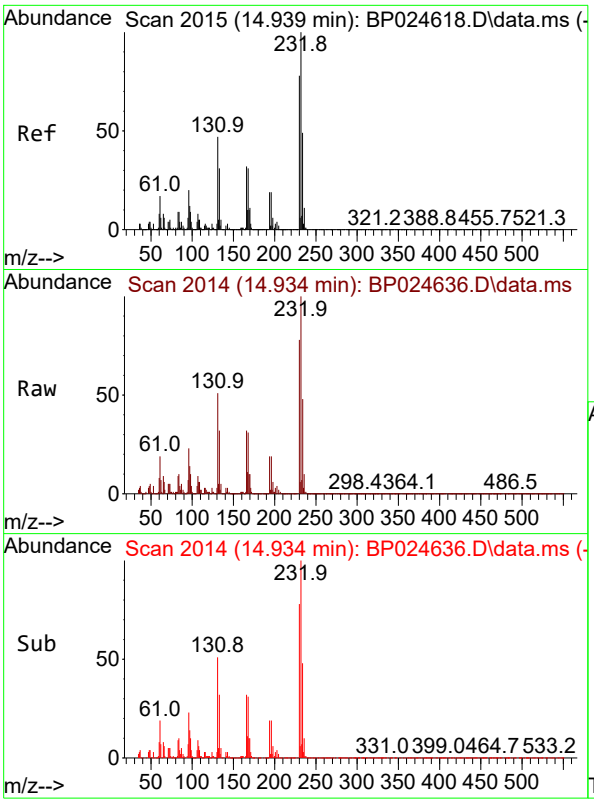


#58
Fluorene
Concen: 44.389 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:166 Resp: 1086996

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.5	117.7
167	13.3	10.7	16.1



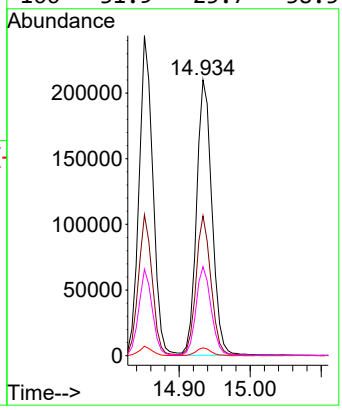


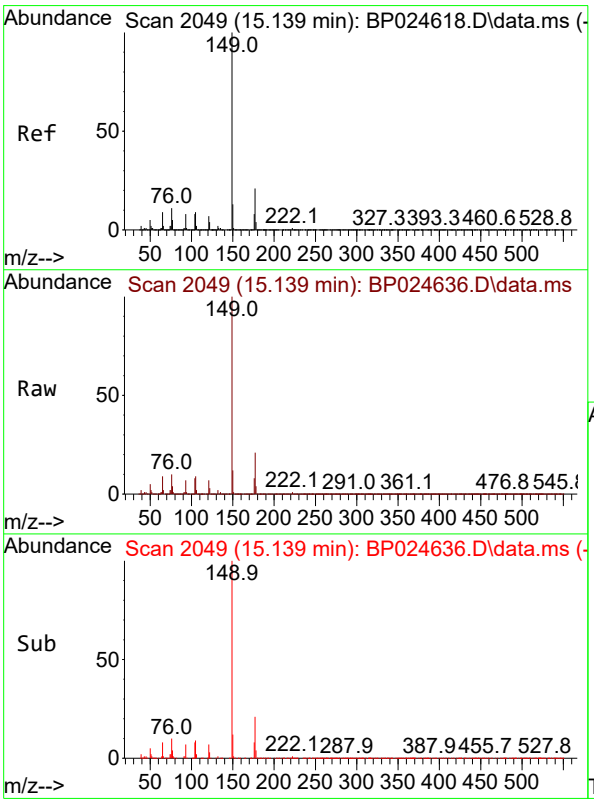
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.974 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:232 Resp: 316831

Ion	Ratio	Lower	Upper
232	100		
131	49.2	39.5	59.3
130	2.8	2.2	3.4
166	31.9	25.7	38.5

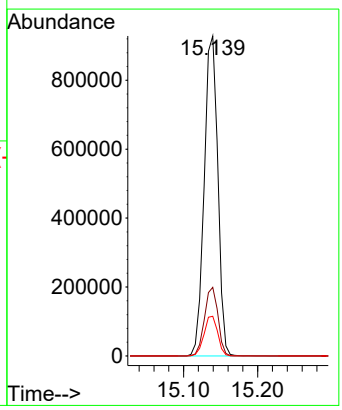


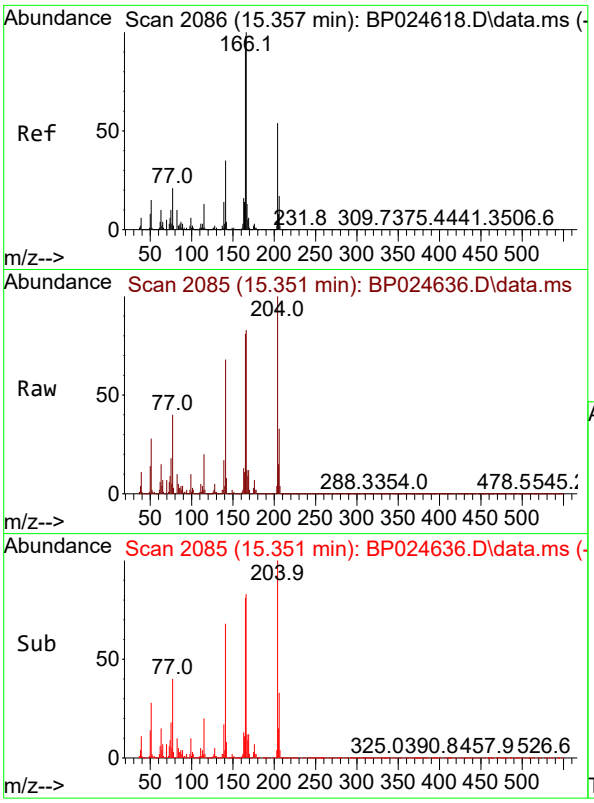


#60
Diethylphthalate
Concen: 44.273 ng
RT: 15.139 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:149 Resp: 1184435

Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.4	10.2	15.2



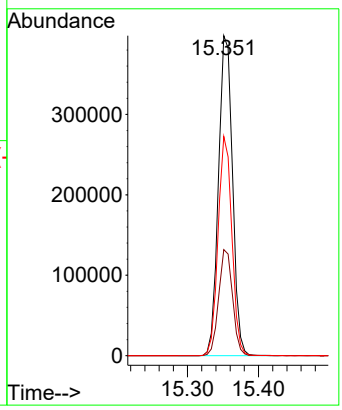


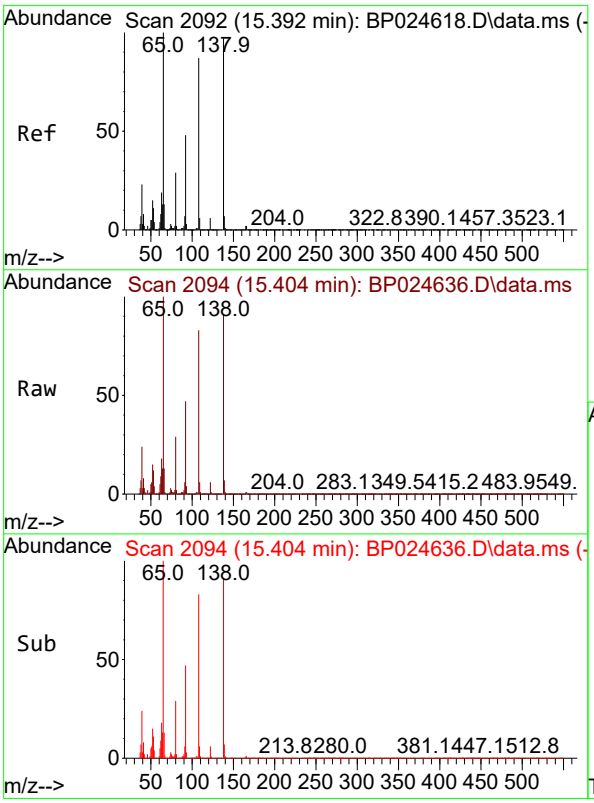
#61
4-Chlorophenyl-phenylether
Concen: 44.463 ng
RT: 15.351 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:204 Resp: 542996

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.0	39.0
141	68.5	52.9	79.3

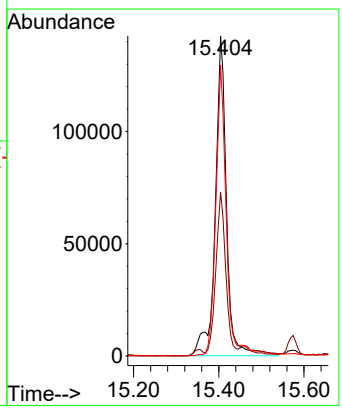


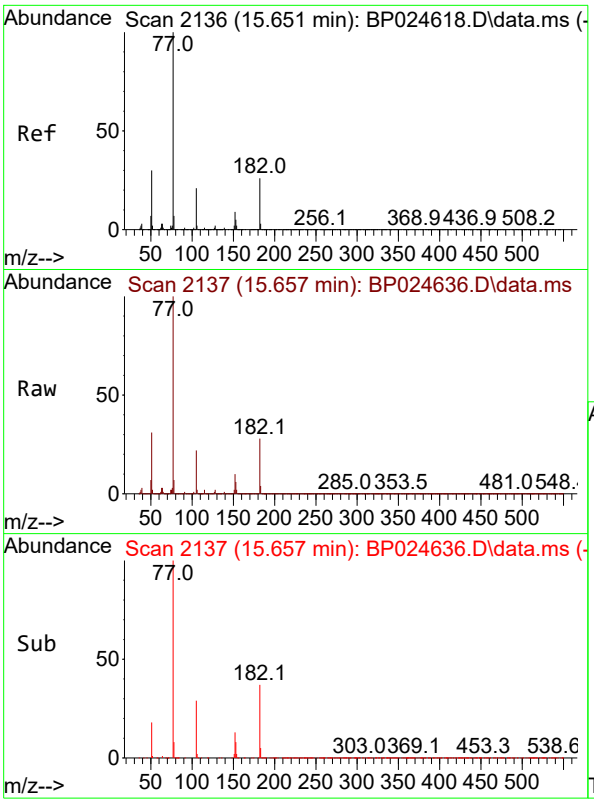


#62
4-Nitroaniline
Concen: 47.641 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:138 Resp: 262574

Ion	Ratio	Lower	Upper
138	100		
92	51.2	29.2	69.2
108	90.8	69.0	109.0



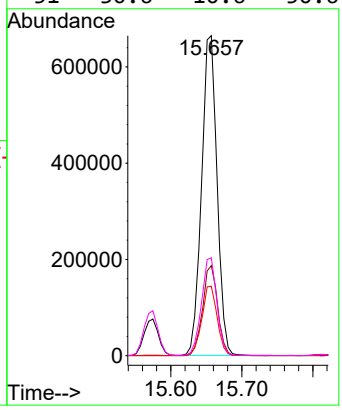


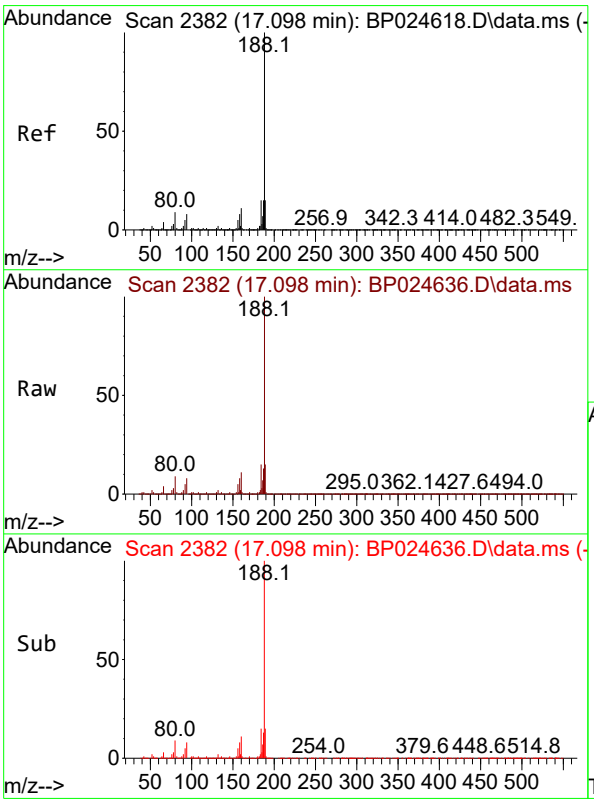
#63
Azobenzene
Concen: 44.109 ng
RT: 15.657 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion: 77 Resp: 1009501

Ion	Ratio	Lower	Upper
77	100		
182	28.1	5.7	45.7
105	21.7	1.3	41.3
51	30.6	10.6	50.6

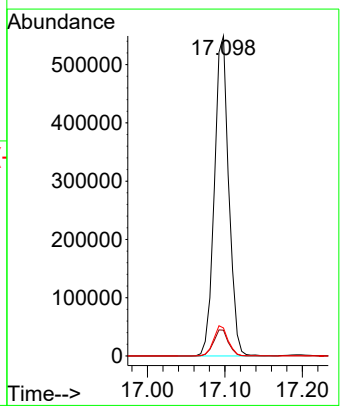


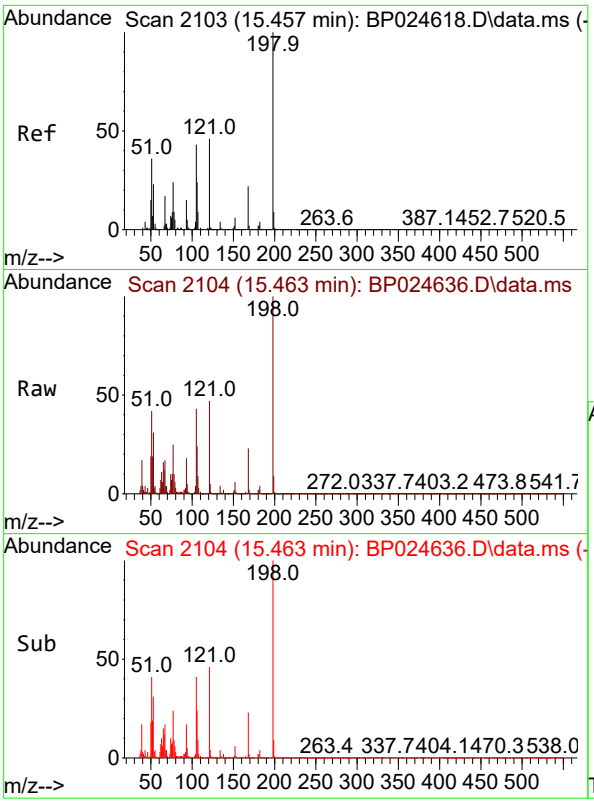


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:188 Resp: 706031

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.5	9.7
80	8.7	7.3	10.9



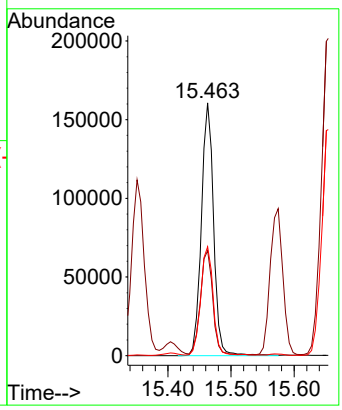


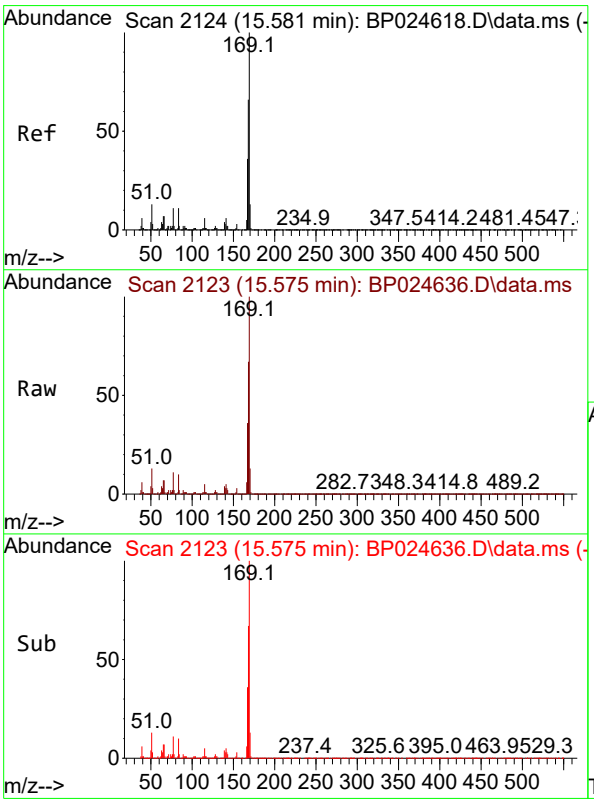
#65
4,6-Dinitro-2-methylphenol
Concen: 47.398 ng
RT: 15.463 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:198 Resp: 216160

Ion	Ratio	Lower	Upper
198	100		
51	41.6	21.1	61.1
105	43.1	23.6	63.6

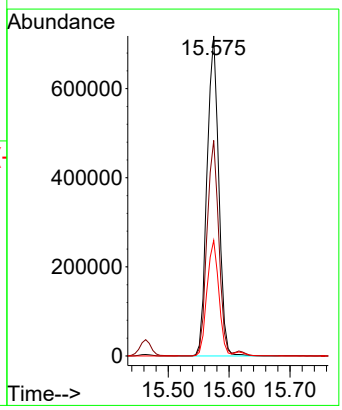


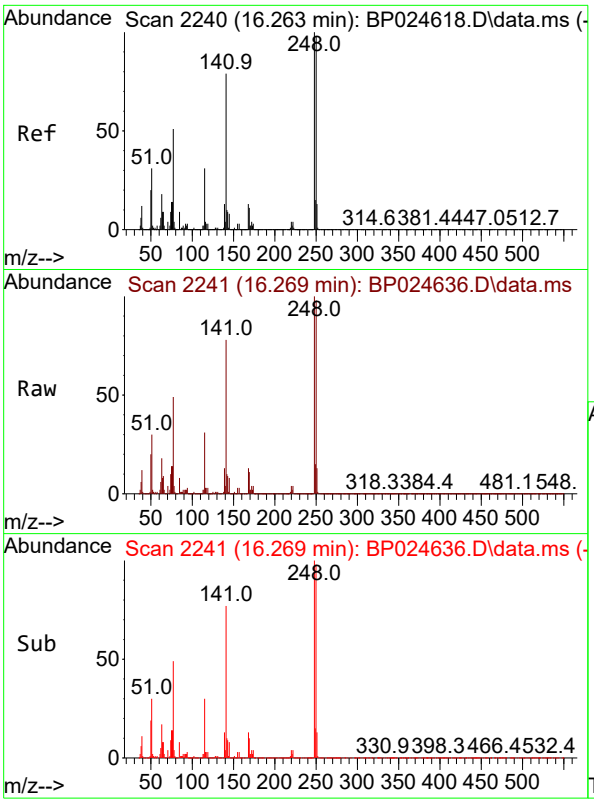


#66
n-Nitrosodiphenylamine
Concen: 44.353 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:169 Resp: 961865

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.2	79.8
167	36.1	28.6	43.0



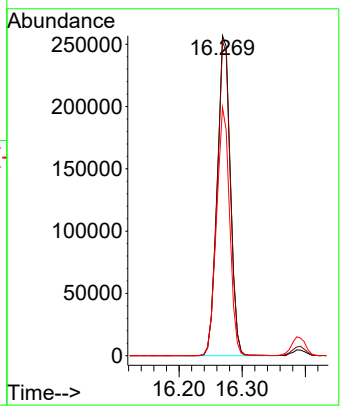


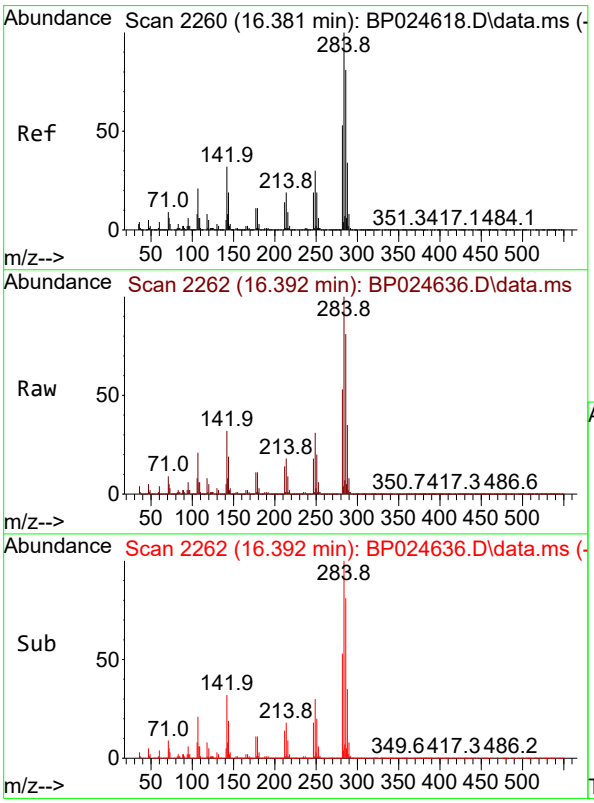
#67
4-Bromophenyl-phenylether
Concen: 44.731 ng
RT: 16.269 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:248 Resp: 372135

Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.2	117.4
141	77.6	63.0	94.6

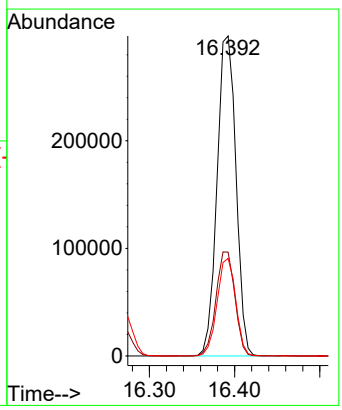


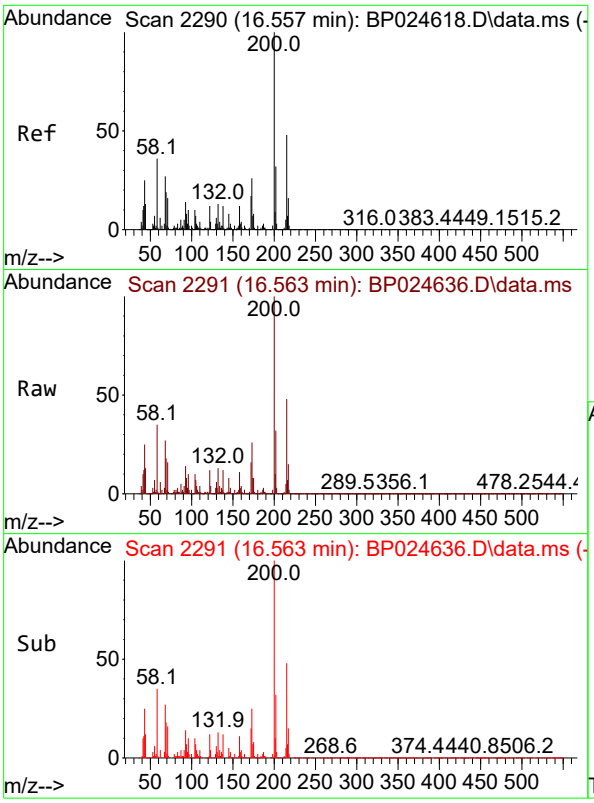


#68
Hexachlorobenzene
Concen: 43.353 ng
RT: 16.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:284 Resp: 458305

Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.9	38.9
249	30.5	24.1	36.1



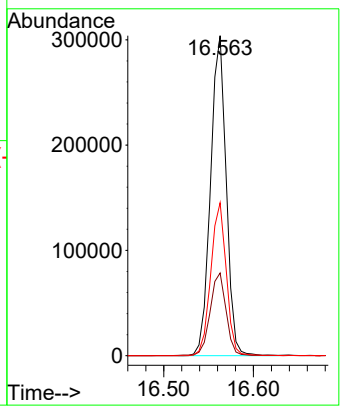


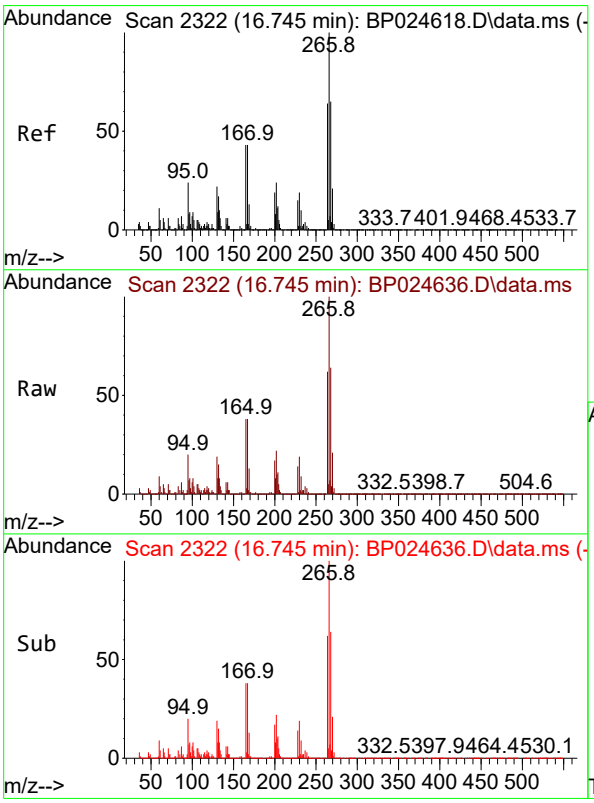
#69
Atrazine
Concen: 46.419 ng
RT: 16.563 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:200 Resp: 368913

Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.9	45.9
215	47.8	28.3	68.3

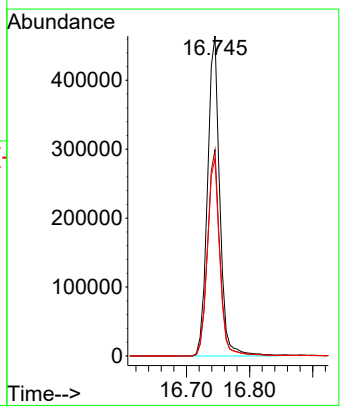


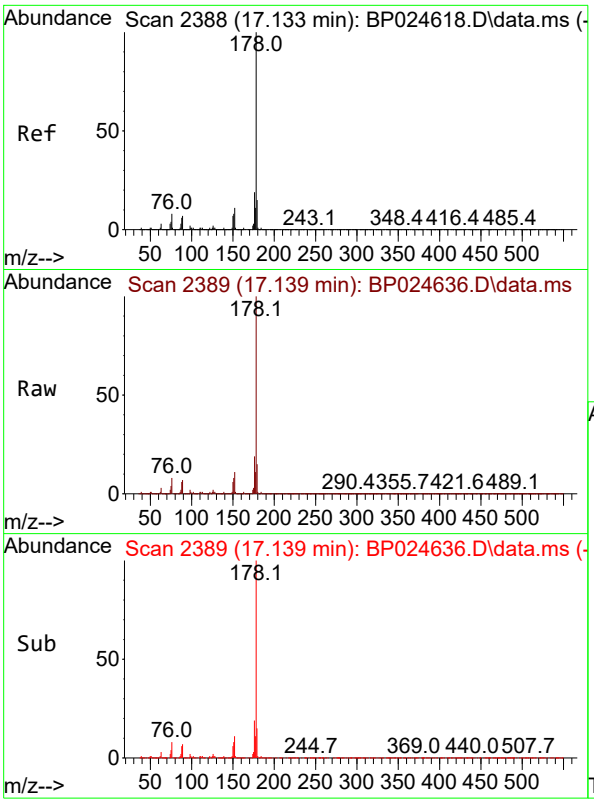


#70
Pentachlorophenol
Concen: 105.335 ng
RT: 16.745 min Scan# 2322
Delta R.T. -0.000 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:266 Resp: 625082

Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.2	78.4
264	61.7	51.1	76.7



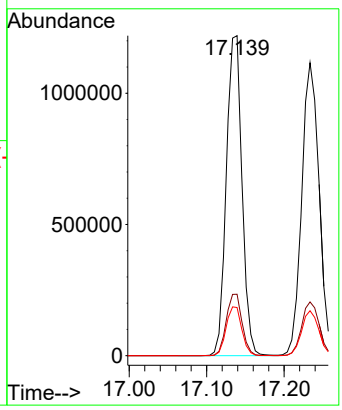


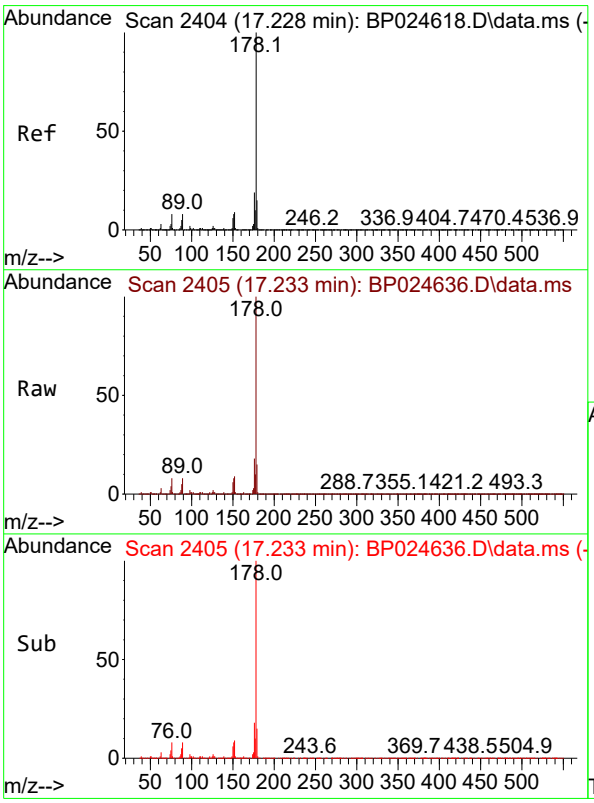
#71
Phenanthrene
Concen: 43.832 ng
RT: 17.139 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:178 Resp: 1720387

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.1	12.2	18.4

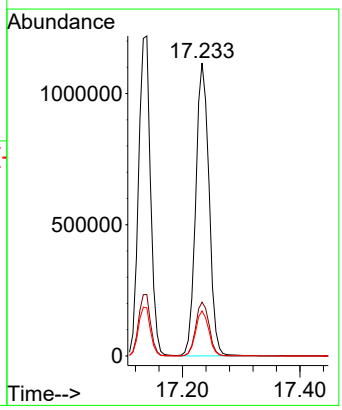


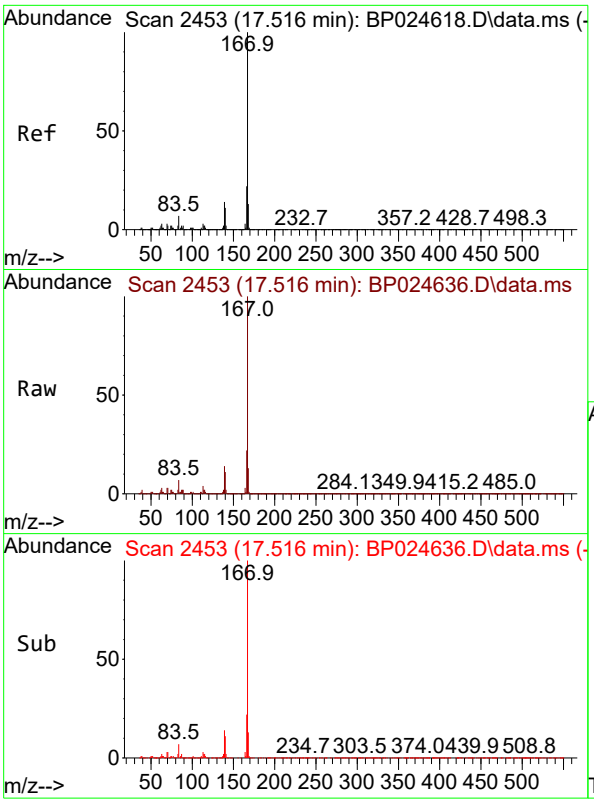


#72
Anthracene
Concen: 44.246 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:178 Resp: 1747224

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.3	12.2	18.2



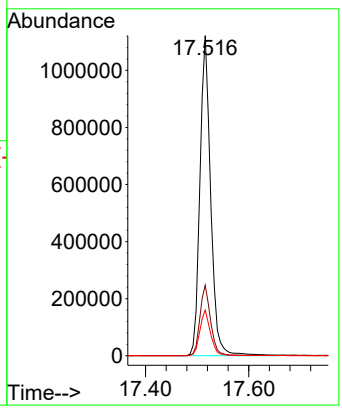


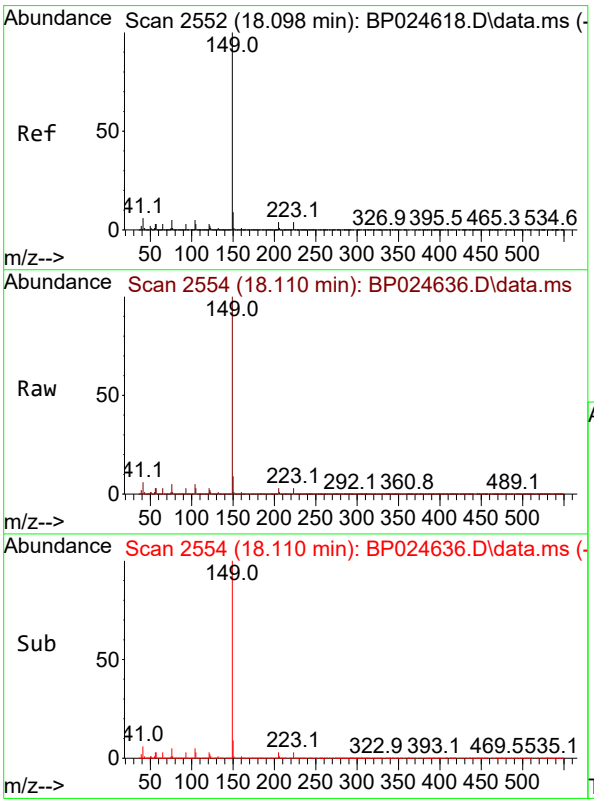
#73
Carbazole
Concen: 45.249 ng
RT: 17.516 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:167 Resp: 1617275

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	14.3	11.3	16.9

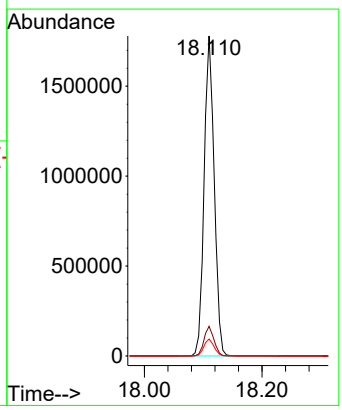


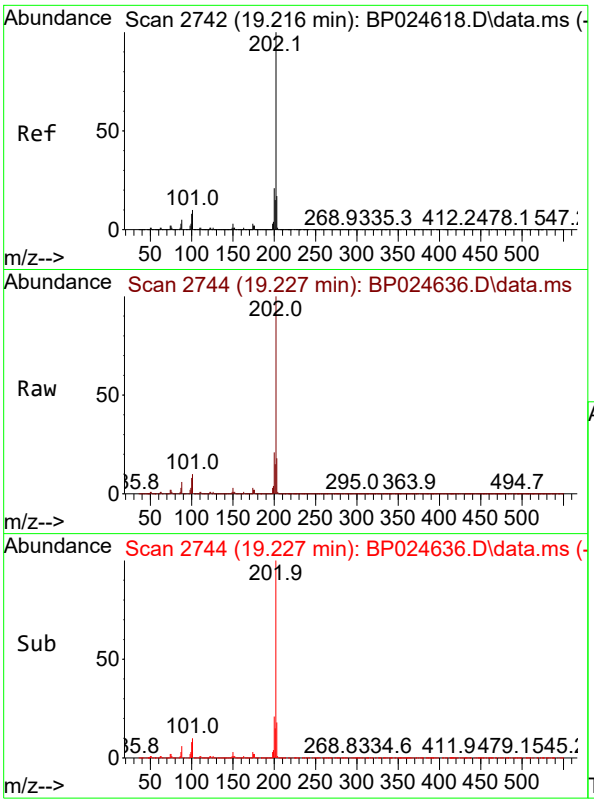


#74
Di-n-butylphthalate
Concen: 46.164 ng
RT: 18.110 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:149 Resp: 2121998

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.3	4.3	6.5



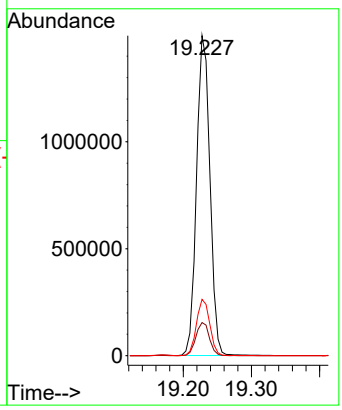


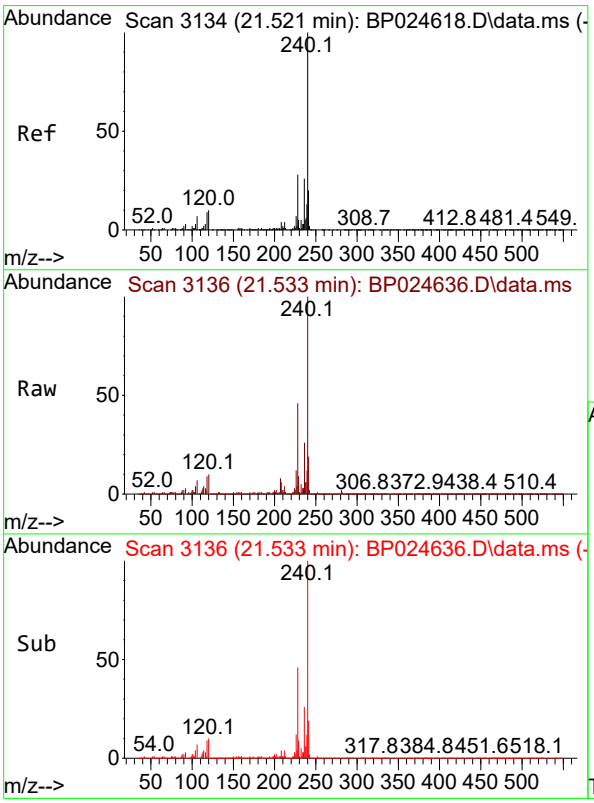
#75
Fluoranthene
Concen: 44.480 ng
RT: 19.227 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:202 Resp: 2040733

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
203	17.6	0.0	37.5

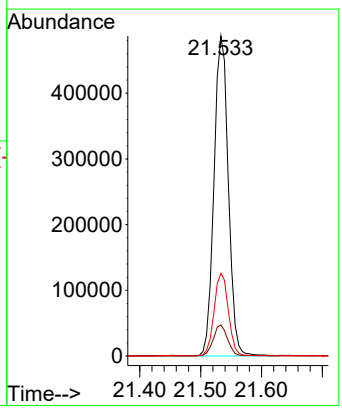


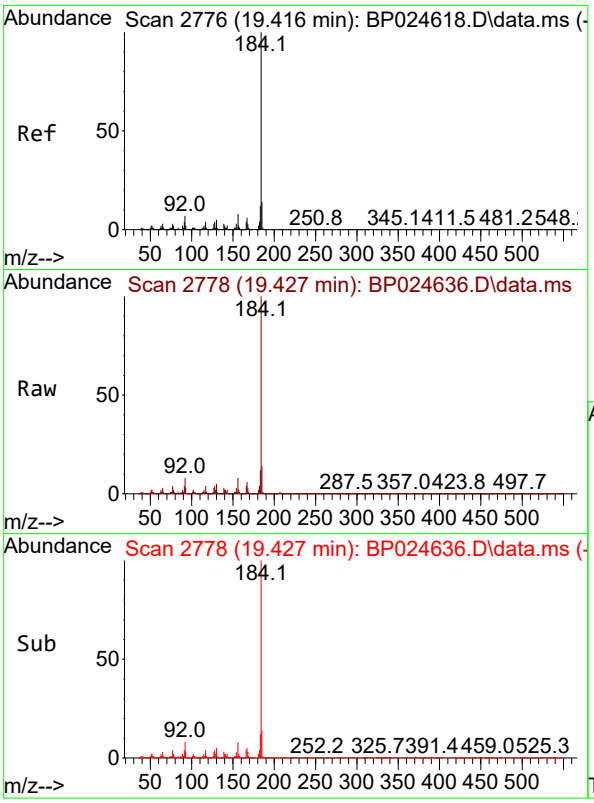


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3136
Delta R.T. 0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:240 Resp: 796554

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.8	11.6
236	25.8	20.6	31.0



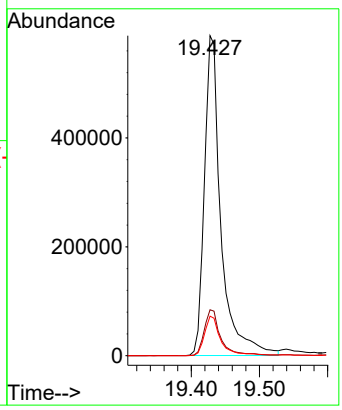


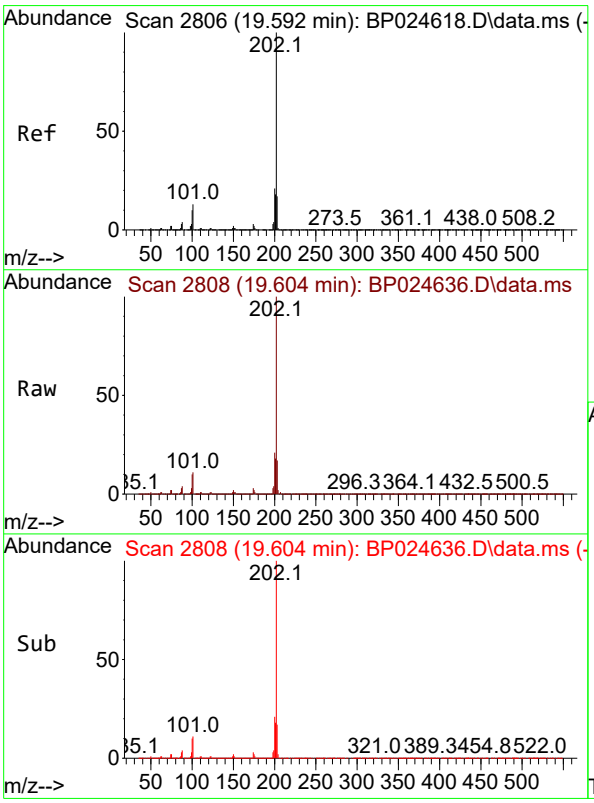
#77
Benzidine
Concen: 45.847 ng
RT: 19.427 min Scan# 2
Delta R.T. 0.011 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:184 Resp: 994653

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.2	16.8
183	12.3	9.8	14.8

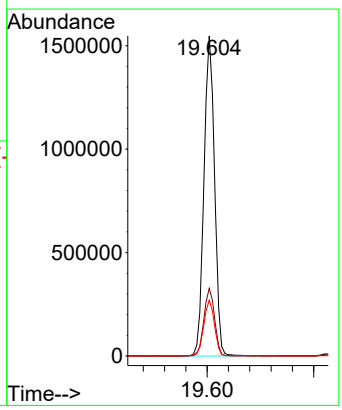


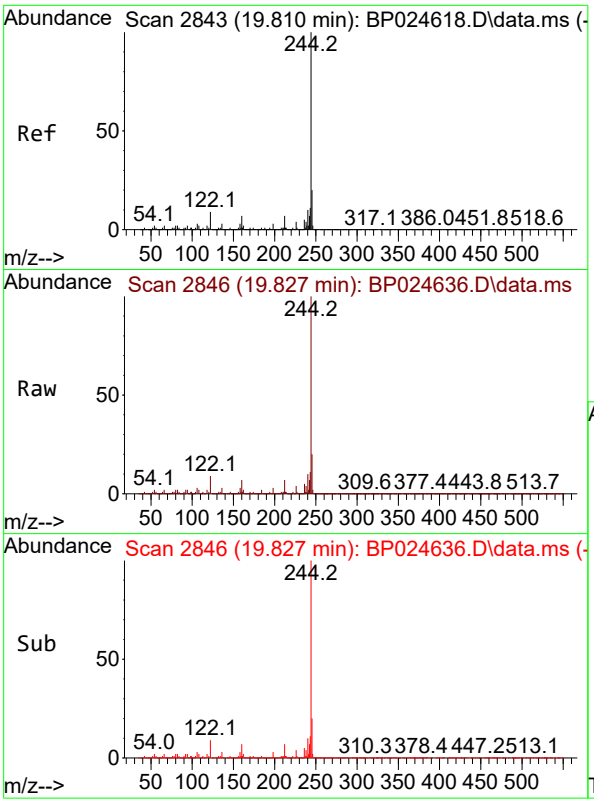


#78
Pyrene
Concen: 44.580 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:202 Resp: 2127702

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	13.9	20.9



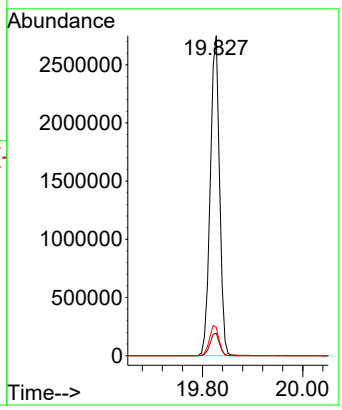


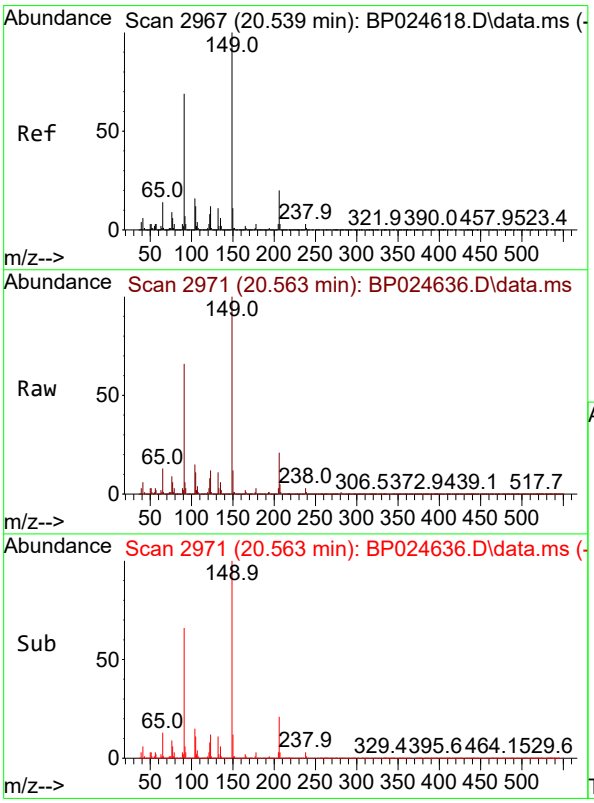
#79
Terphenyl-d14
Concen: 75.970 ng
RT: 19.827 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:244 Resp: 3529175

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	8.8	7.4	11.0

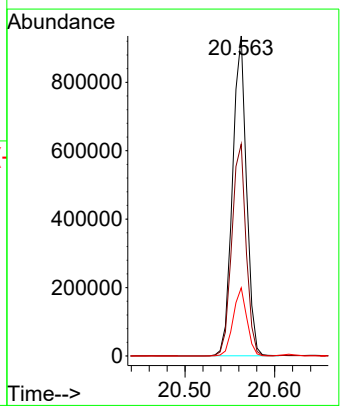


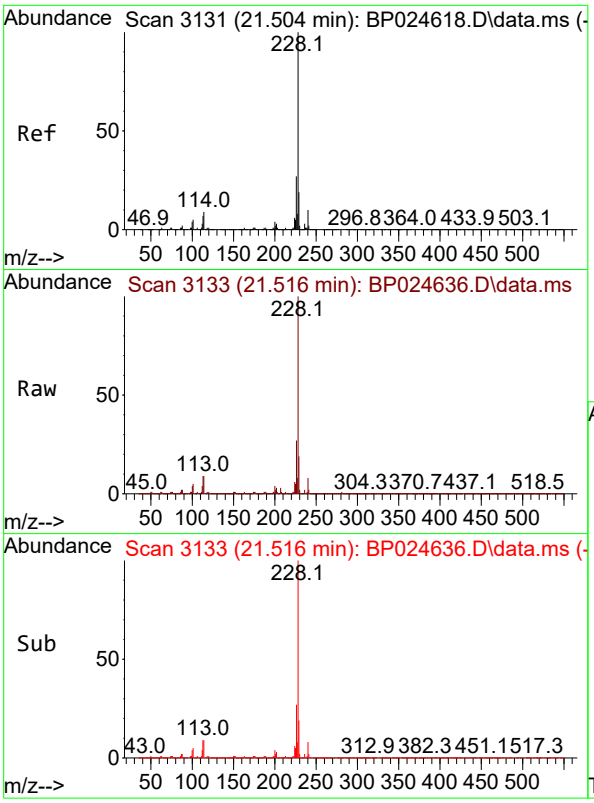


#80
Butylbenzylphthalate
Concen: 47.709 ng
RT: 20.563 min Scan# 2971
Delta R.T. 0.023 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:149 Resp: 1012695

Ion	Ratio	Lower	Upper
149	100		
91	66.2	55.4	83.0
206	21.3	16.2	24.2



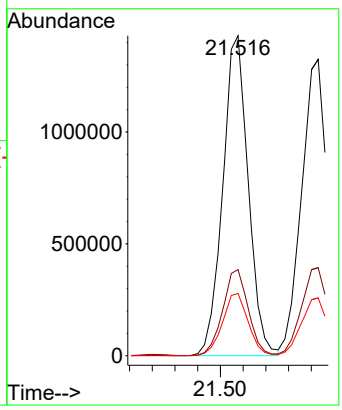


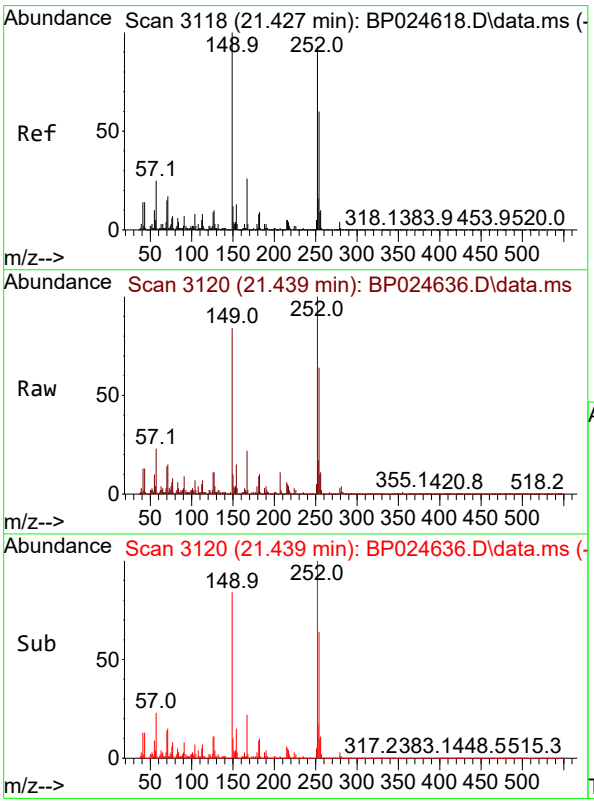
#81
Benzo(a)anthracene
Concen: 44.614 ng
RT: 21.516 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:228 Resp: 2231437

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.0
229	19.5	15.5	23.3

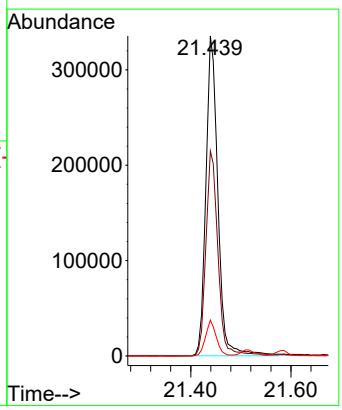


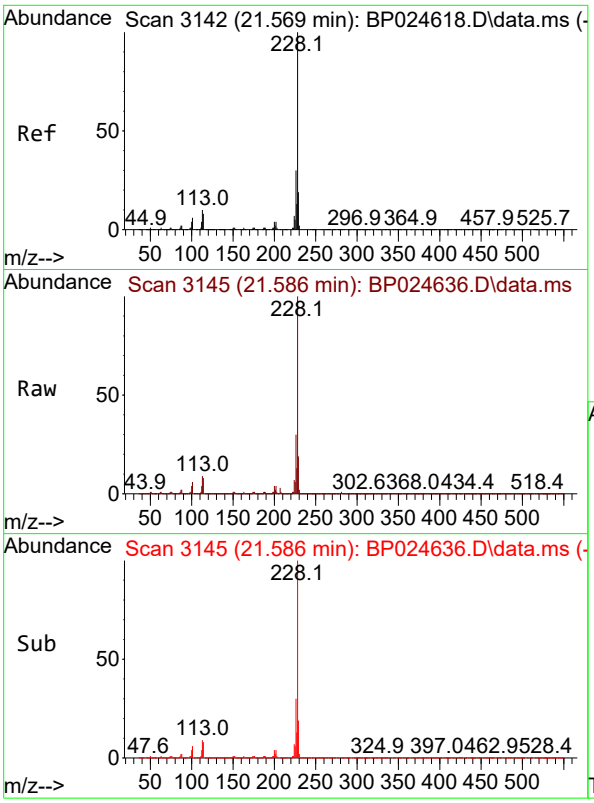


#82
3,3'-Dichlorobenzidine
Concen: 30.082 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.012 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:252 Resp: 558851

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.8	77.6
126	11.2	7.7	11.5



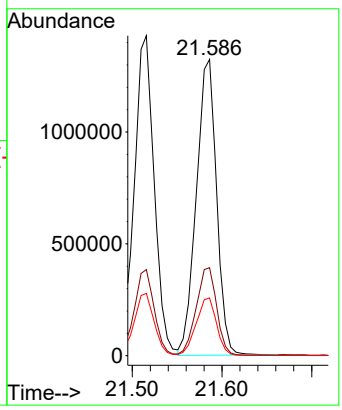


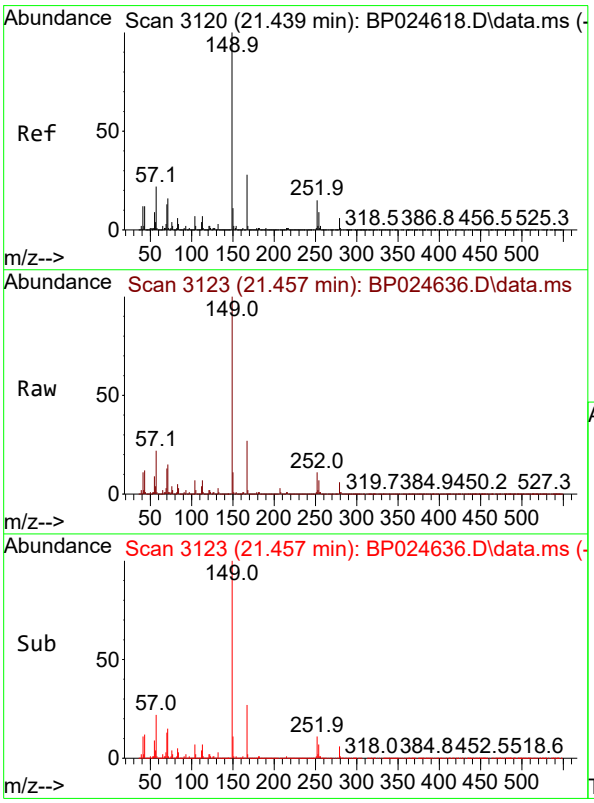
#83
Chrysene
Concen: 43.804 ng
RT: 21.586 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:228 Resp: 2076892

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.5	15.5	23.3

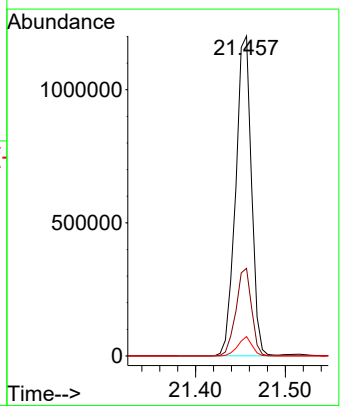


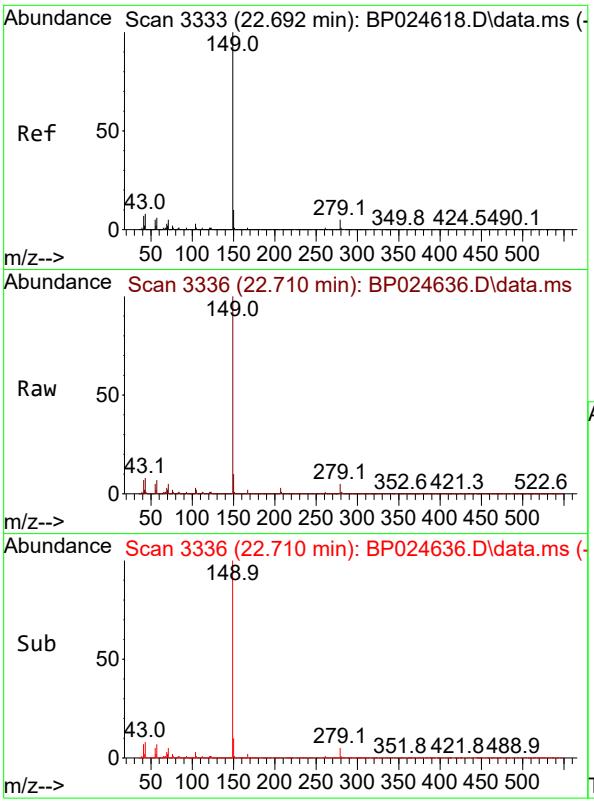


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.960 ng
RT: 21.457 min Scan# 3123
Delta R.T. 0.018 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:149 Resp: 1465106

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	6.0	4.6	6.8



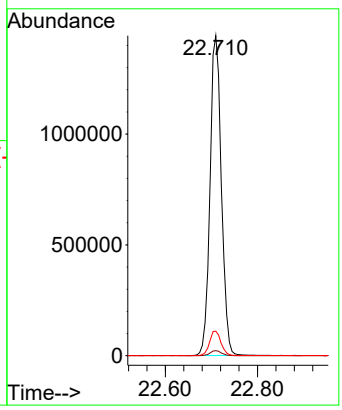


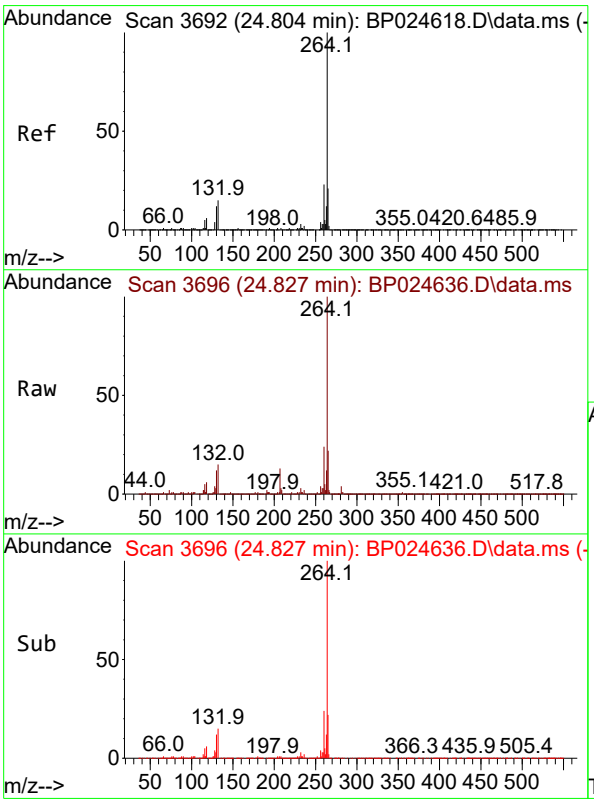
#85
Di-n-octyl phthalate
Concen: 48.391 ng
RT: 22.710 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:149 Resp: 2468875

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.8	6.3	9.5

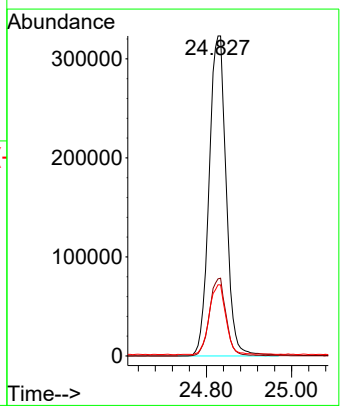


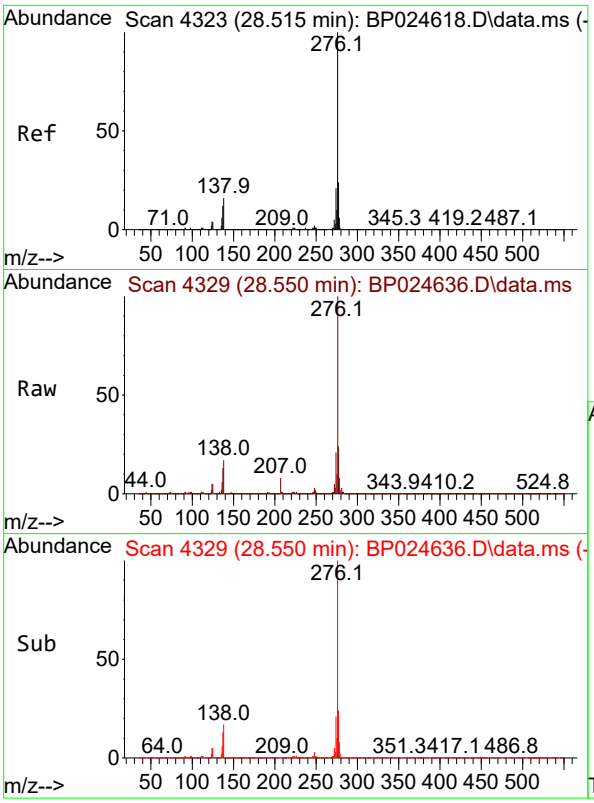


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.827 min Scan# 3696
Delta R.T. 0.023 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:264 Resp: 897451

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.2	17.0	25.6



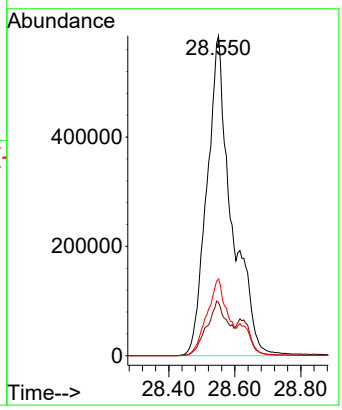


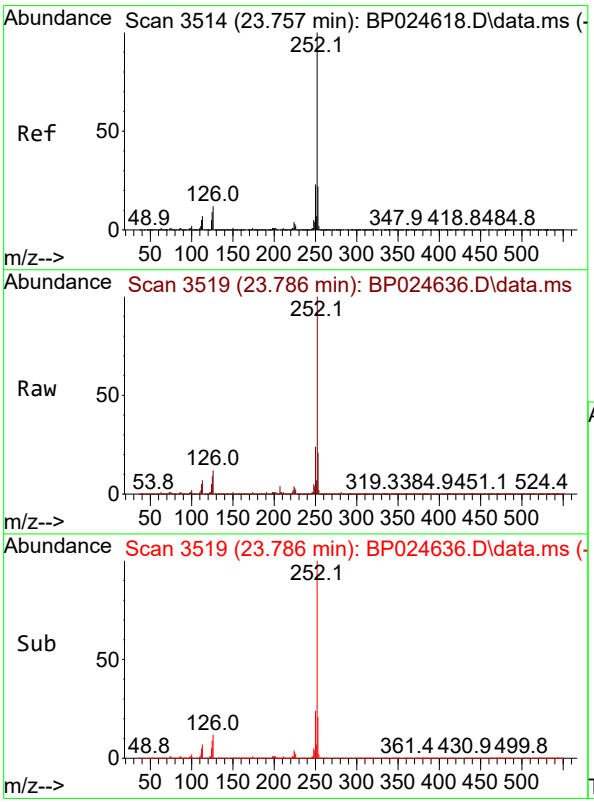
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.398 ng m
RT: 28.550 min Scan# 4
Delta R.T. 0.035 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:276 Resp: 3039943

Ion	Ratio	Lower	Upper
276	100		
138	14.5	11.2	16.8
277	20.2	15.7	23.5

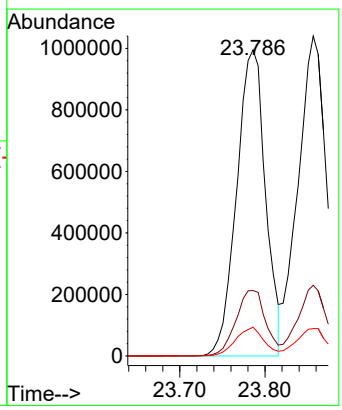


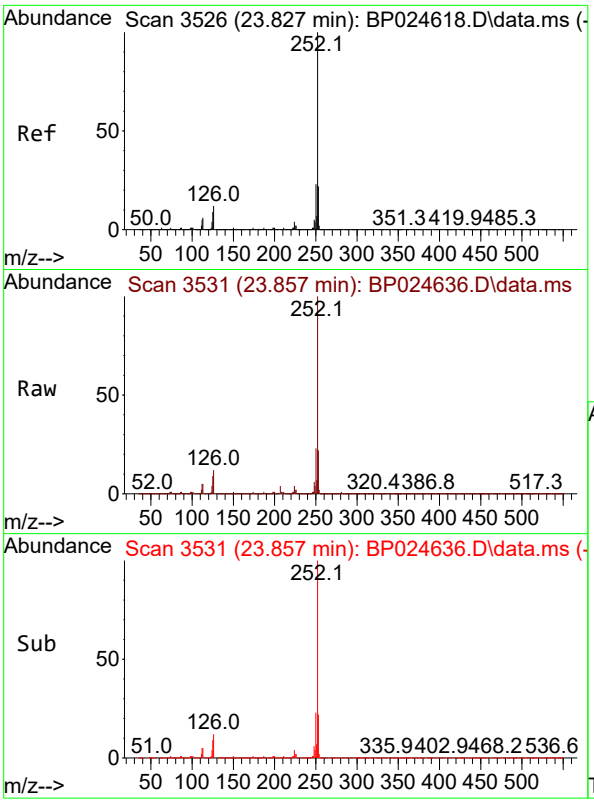


#88
Benzo(b)fluoranthene
Concen: 45.511 ng
RT: 23.786 min Scan# 3519
Delta R.T. 0.029 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:252 Resp: 2337855

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	9.4	7.5	11.3



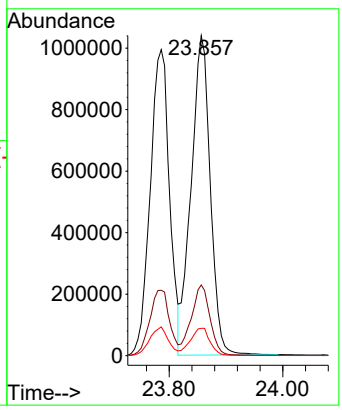


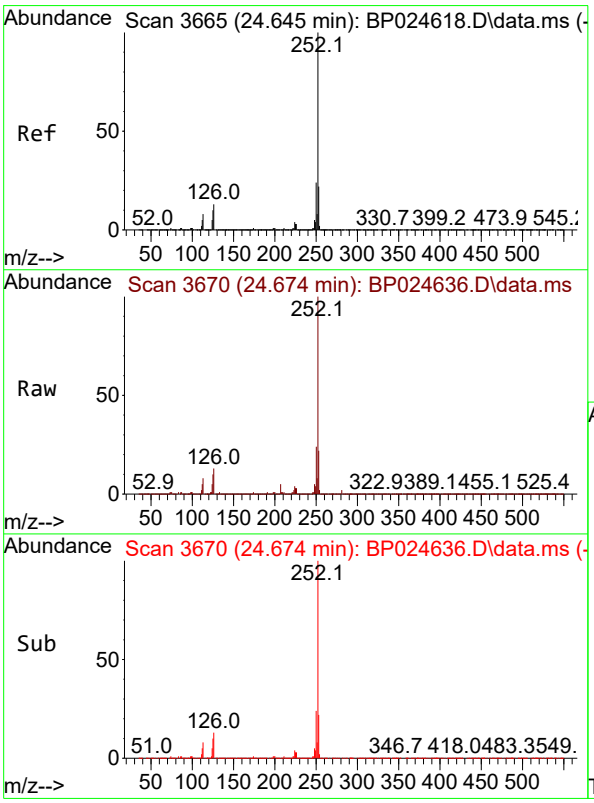
#89
Benzo(k)fluoranthene
Concen: 46.086 ng
RT: 23.857 min Scan# 3
Delta R.T. 0.029 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:252 Resp: 2439419

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	8.5	7.0	10.4

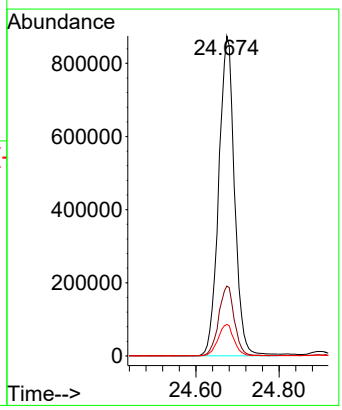


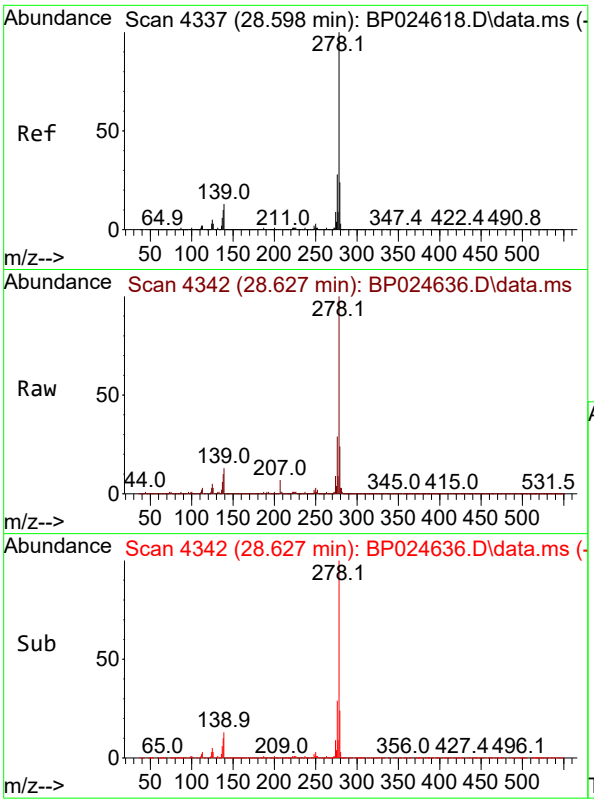


#90
Benzo(a)pyrene
Concen: 46.597 ng
RT: 24.674 min Scan# 3670
Delta R.T. 0.029 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:252 Resp: 2298890

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.9	8.1	12.1



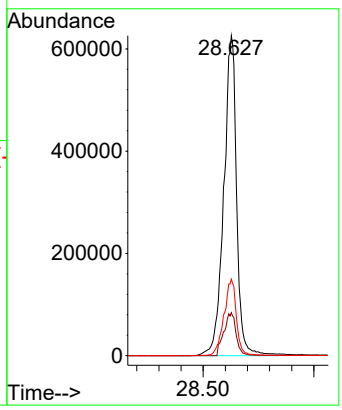


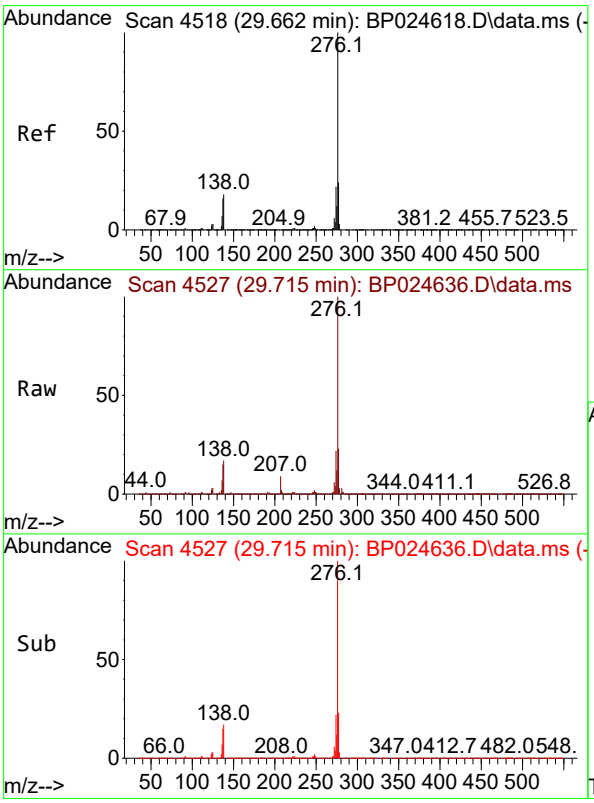
#91
Dibenzo(a,h)anthracene
Concen: 47.273 ng
RT: 28.627 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Instrument :
BNA_P
ClientSampleId :
PB167973BS

Tgt Ion:278 Resp: 2519774

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.2	15.4
279	23.9	19.0	28.4

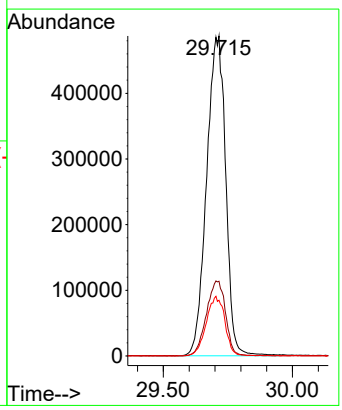




#92
Benzo(g,h,i)perylene
Concen: 47.150 ng
RT: 29.715 min Scan# 4527
Delta R.T. 0.053 min
Lab File: BP024636.D
Acq: 15 May 2025 13:53

Tgt Ion:276 Resp: 2499215

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	17.4	14.4	21.6



Raw Data: **BF142366.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-3MS	SDG No.:	Q1982
Lab Sample ID:	Q1982-03MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142366.D	1	05/12/25 09:38	05/14/25 15:20	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1500		170	360	ug/Kg
108-95-2	Phenol	1800		24.3	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		26.7	190	ug/Kg
95-57-8	2-Chlorophenol	1700		26.9	190	ug/Kg
95-48-7	2-Methylphenol	1600		32.9	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		41.3	190	ug/Kg
98-86-2	Acetophenone	1500		32.5	190	ug/Kg
65794-96-9	3+4-Methylphenols	1700		45.2	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		52.2	88.1	ug/Kg
67-72-1	Hexachloroethane	1600		19.4	190	ug/Kg
98-95-3	Nitrobenzene	1700		20.1	190	ug/Kg
78-59-1	Isophorone	1600		36.1	190	ug/Kg
88-75-5	2-Nitrophenol	1800		64.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		71.3	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		33.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		31.1	190	ug/Kg
91-20-3	Naphthalene	1500		25.0	190	ug/Kg
106-47-8	4-Chloroaniline	640		39.0	190	ug/Kg
87-68-3	Hexachlorobutadiene	1500		27.8	190	ug/Kg
105-60-2	Caprolactam	2100		57.3	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		31.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	1600		28.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	130	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		21.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		32.0	190	ug/Kg
92-52-4	1,1-Biphenyl	1500		24.0	190	ug/Kg
91-58-7	2-Chloronaphthalene	1500		24.8	190	ug/Kg
88-74-4	2-Nitroaniline	1900		52.9	190	ug/Kg
131-11-3	Dimethylphthalate	1700		29.8	190	ug/Kg

Raw Data: **BF142366.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-3MS	SDG No.:	Q1982
Lab Sample ID:	Q1982-03MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142366.D	1	05/12/25 09:38	05/14/25 15:20	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1600		31.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		37.0	190	ug/Kg
99-09-2	3-Nitroaniline	1400		50.6	190	ug/Kg
83-32-9	Acenaphthene	1700		23.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	4400	E	250	360	ug/Kg
100-02-7	4-Nitrophenol	4400	E	120	360	ug/Kg
132-64-9	Dibenzofuran	1600		25.0	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	2200		55.1	190	ug/Kg
84-66-2	Diethylphthalate	1700		31.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		29.4	190	ug/Kg
86-73-7	Fluorene	1600		27.8	190	ug/Kg
100-01-6	4-Nitroaniline	2400		70.7	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000		110	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		36.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		30.6	190	ug/Kg
118-74-1	Hexachlorobenzene	1600		27.8	190	ug/Kg
1912-24-9	Atrazine	1900		37.4	190	ug/Kg
87-86-5	Pentachlorophenol	3800	E	56.5	360	ug/Kg
85-01-8	Phenanthrene	1500		23.0	190	ug/Kg
120-12-7	Anthracene	1500		36.7	190	ug/Kg
86-74-8	Carbazole	1600		34.3	190	ug/Kg
84-74-2	Di-n-butylphthalate	1900		52.7	190	ug/Kg
206-44-0	Fluoranthene	1700		33.0	190	ug/Kg
129-00-0	Pyrene	1400		39.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	2000		78.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		40.4	360	ug/Kg
56-55-3	Benzo(a)anthracene	1600		25.3	190	ug/Kg
218-01-9	Chrysene	1500		21.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		65.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		95.5	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		20.9	190	ug/Kg

Raw Data: **BF142366.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-3MS	SDG No.:	Q1982
Lab Sample ID:	Q1982-03MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142366.D	1	05/12/25 09:38	05/14/25 15:20	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1500		24.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	1700		32.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		32.0	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		30.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		28.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		28.2	190	ug/Kg
123-91-1	1,4-Dioxane	1300		49.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		30.2	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	76.3		18 - 112	51%	SPK: 150
13127-88-3	Phenol-d6	79.0		15 - 107	53%	SPK: 150
4165-60-0	Nitrobenzene-d5	50.2		18 - 107	50%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.9		20 - 109	46%	SPK: 100
118-79-6	2,4,6-Tribromophenol	92.6		10 - 116	62%	SPK: 150
1718-51-0	Terphenyl-d14	44.4		10 - 105	44%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	155000	6.898			
1146-65-2	Naphthalene-d8	632000	8.186			
15067-26-2	Acenaphthene-d10	371000	9.939			
1517-22-2	Phenanthrene-d10	712000	11.427			
1719-03-5	Chrysene-d12	525000	14.068			
1520-96-3	Perylene-d12	491000	15.557			

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\BF051425\
Data File : BF142366.D
Acq On : 14 May 2025 15:20
Operator : RC/JU
Sample : Q1982-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Quant Time: May 14 15:47:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	155049	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	631761	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	370580	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	711855	20.000	ng	0.00
76) Chrysene-d12	14.068	240	525246	20.000	ng	0.00
86) Perylene-d12	15.557	264	490879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	692630	76.258	ng	0.00
7) Phenol-d6	6.522	99	882025	78.956	ng	0.00
23) Nitrobenzene-d5	7.463	82	520318	50.229	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	331293	92.595	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1192392	45.880	ng	0.00
79) Terphenyl-d14	13.010	244	1573866	44.350	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	141291	34.544	ng	100
3) Pyridine	3.440	79	385286	40.122	ng	98
4) n-Nitrosodimethylamine	3.387	42	225025	40.319	ng	98
6) Aniline	6.563	93	599443	54.708	ng	98
8) 2-Chlorophenol	6.681	128	441735	45.512	ng	99
9) Benzaldehyde	6.451	77	266588	40.774	ng	100
10) Phenol	6.534	94	576407	48.677	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	408748	35.004	ng	97
12) 1,3-Dichlorobenzene	6.839	146	464430	41.825	ng	99
13) 1,4-Dichlorobenzene	6.916	146	465991	41.797	ng	100
14) 1,2-Dichlorobenzene	7.069	146	451963	42.234	ng	99
15) Benzyl Alcohol	7.039	79	356796	49.324	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	713977	40.944	ng	100
17) 2-Methylphenol	7.145	107	351851	44.777	ng	99
18) Hexachloroethane	7.416	117	161853	43.632	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	298725	43.231	ng	99
20) 3+4-Methylphenols	7.298	107	448388	45.721	ng	99
22) Acetophenone	7.310	105	581115	41.370	ng	100
24) Nitrobenzene	7.481	77	441270	45.191	ng	98
25) Isophorone	7.722	82	845033	43.079	ng	100
26) 2-Nitrophenol	7.798	139	230474	48.886	ng	100
27) 2,4-Dimethylphenol	7.834	122	433405	43.945	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	522841	41.451	ng	99
29) 2,4-Dichlorophenol	8.039	162	387626	46.229	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	391460	41.484	ng	99
31) Naphthalene	8.210	128	1287929	42.063	ng	99
32) Benzoic acid	7.939	122	305779m	55.318	ng	
33) 4-Chloroaniline	8.251	127	217014	17.370	ng	99
34) Hexachlorobutadiene	8.322	225	234355	41.941	ng	99
35) Caprolactam	8.616	113	141799m	58.026	ng	
36) 4-Chloro-3-methylphenol	8.728	107	417111	47.855	ng	100
37) 2-Methylnaphthalene	8.898	142	823265	43.271	ng	98
38) 1-Methylnaphthalene	8.998	142	854916	43.112	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	408491	39.468	ng	99
41) Hexachlorocyclopentadiene	9.051	237	541888	84.716	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	294187	45.063	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142366.D
Acq On : 14 May 2025 15:20
Operator : RC/JU
Sample : Q1982-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Quant Time: May 14 15:47:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

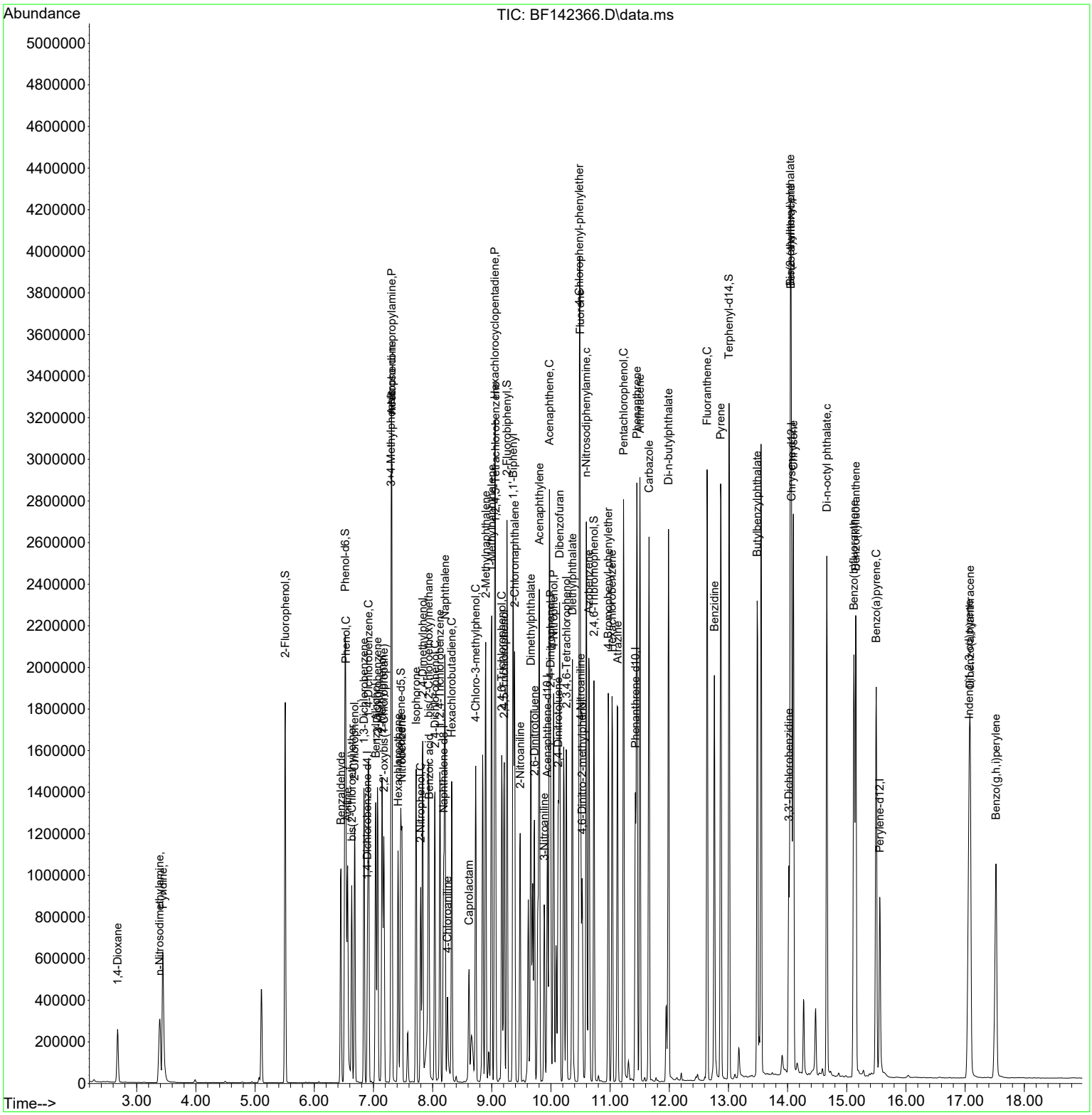
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	321618	46.301	ng		98
46) 1,1'-Biphenyl	9.363	154	1158375	40.768	ng		99
47) 2-Chloronaphthalene	9.386	162	851834	40.313	ng		99
48) 2-Nitroaniline	9.480	65	274081	50.603	ng		91
49) Acenaphthylene	9.804	152	1497053	42.351	ng		100
50) Dimethylphthalate	9.663	163	1072664	45.078	ng		100
51) 2,6-Dinitrotoluene	9.722	165	236587	53.116	ng		90
52) Acenaphthene	9.975	154	1006646	47.361	ng		100
53) 3-Nitroaniline	9.886	138	199348	38.161	ng		97
54) 2,4-Dinitrophenol	9.992	184	286965	119.014	ng	#	3
55) Dibenzofuran	10.145	168	1332401	42.476	ng		99
56) 4-Nitrophenol	10.045	139	472127	120.085	ng		96
57) 2,4-Dinitrotoluene	10.122	165	335471	58.716	ng		98
58) Fluorene	10.492	166	1031269	43.079	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	294911	51.430	ng		97
60) Diethylphthalate	10.363	149	1111846	46.787	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	499460	43.246	ng		99
62) 4-Nitroaniline	10.504	138	275293	66.491	ng		99
63) Azobenzene	10.639	77	1067468	47.008	ng		98
65) 4,6-Dinitro-2-methylph...	10.527	198	182251	53.887	ng		99
66) n-Nitrosodiphenylamine	10.598	169	957255	40.411	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	332268	41.185	ng		99
68) Hexachlorobenzene	11.033	284	375399	42.302	ng		98
69) Atrazine	11.127	200	315199	50.479	ng		99
70) Pentachlorophenol	11.227	266	477233	102.224	ng		98
71) Phenanthrene	11.451	178	1558066	41.756	ng		100
72) Anthracene	11.504	178	1581175	41.241	ng		100
73) Carbazole	11.657	167	1524800	44.329	ng		100
74) Di-n-butylphthalate	11.986	149	1876651	51.885	ng		100
75) Fluoranthene	12.639	202	1740035	46.650	ng		99
77) Benzidine	12.763	184	1084279	113.594	ng		98
78) Pyrene	12.868	202	1750839	37.450	ng		100
80) Butylbenzylphthalate	13.486	149	763189	55.331	ng		98
81) Benzo(a)anthracene	14.057	228	1482251	43.576	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	294906	37.281	ng		99
83) Chrysene	14.098	228	1295990	40.927	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	1043286	57.772	ng		100
85) Di-n-octyl phthalate	14.662	149	1689536	51.966	ng		97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1251333	36.645	ng		100
88) Benzo(b)fluoranthene	15.121	252	1425761	47.956	ng		99
89) Benzo(k)fluoranthene	15.151	252	1127681	41.448	ng		100
90) Benzo(a)pyrene	15.498	252	1206289	45.278	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	1024841	36.328	ng		99
92) Benzo(g,h,i)perylene	17.521	276	953165	34.043	ng		98

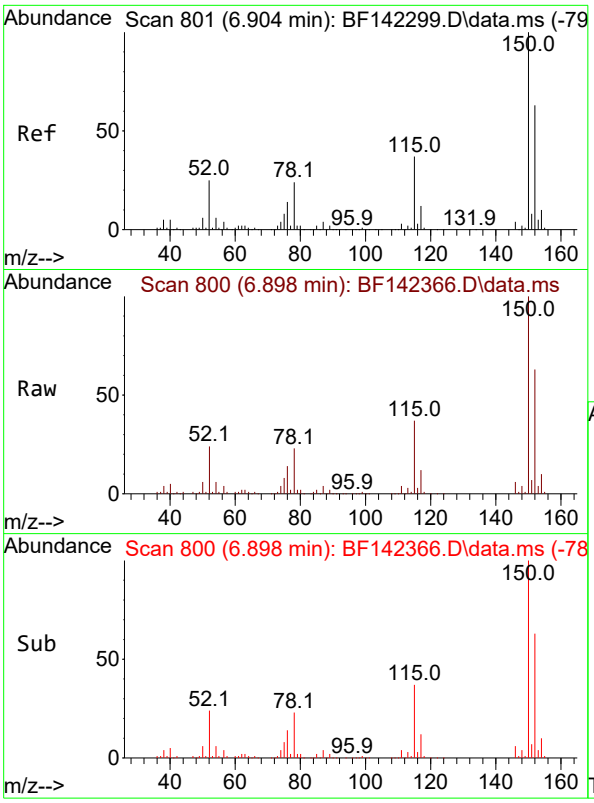
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142366.D
Acq On : 14 May 2025 15:20
Operator : RC/JU
Sample : Q1982-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Quant Time: May 14 15:47:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



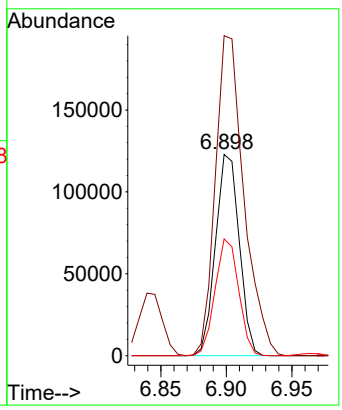


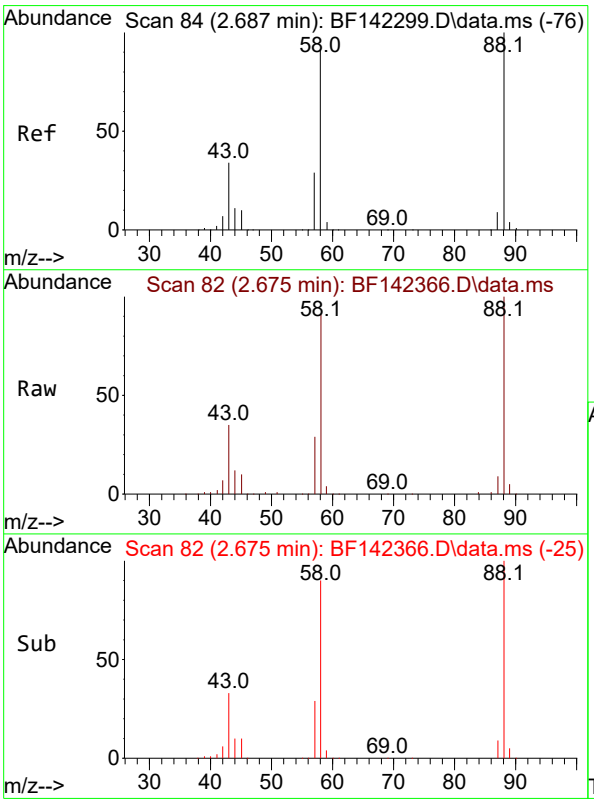
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:152 Resp: 155049

Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.6	190.0
115	58.0	47.3	70.9

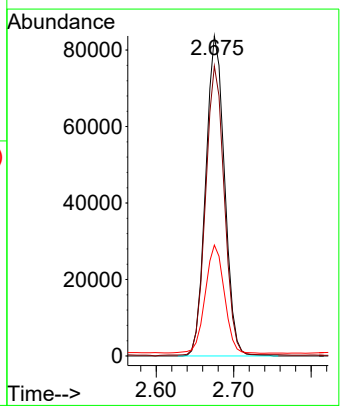


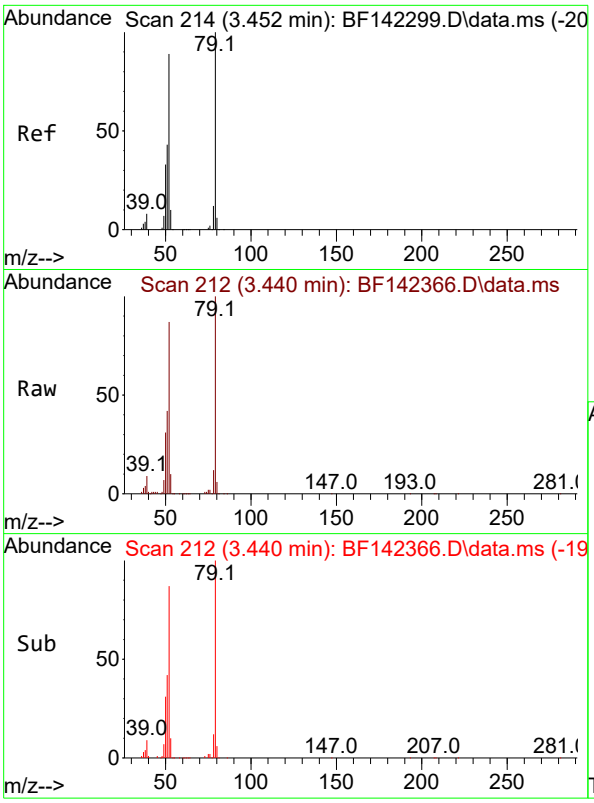


#2
1,4-Dioxane
Concen: 34.544 ng
RT: 2.675 min Scan# 82
Delta R.T. -0.012 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion: 88 Resp: 141291

Ion	Ratio	Lower	Upper
88	100		
58	91.3	73.0	109.4
43	34.4	27.8	41.6



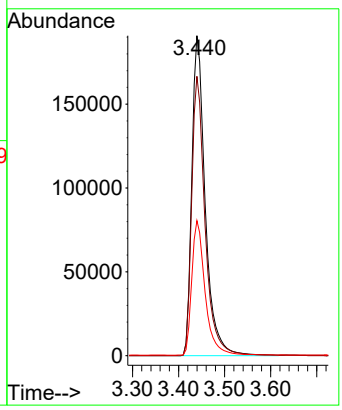


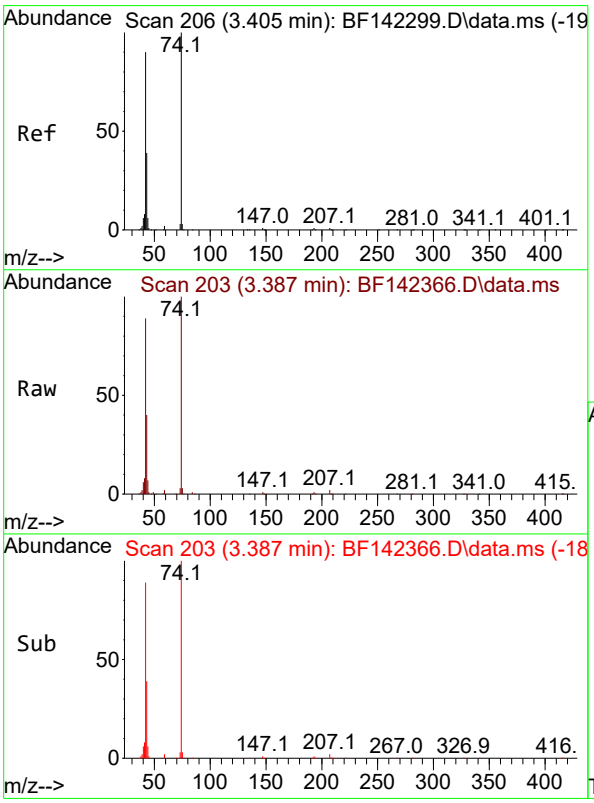
#3
Pyridine
Concen: 40.122 ng
RT: 3.440 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 79 Resp: 385286

Ion	Ratio	Lower	Upper
79	100		
52	87.3	71.0	106.4
51	42.2	34.9	52.3

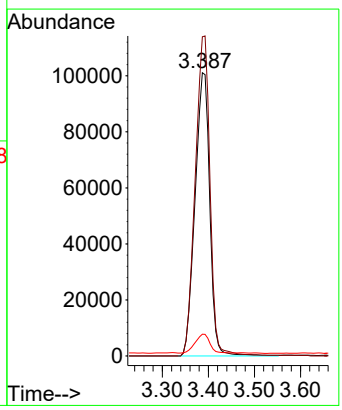


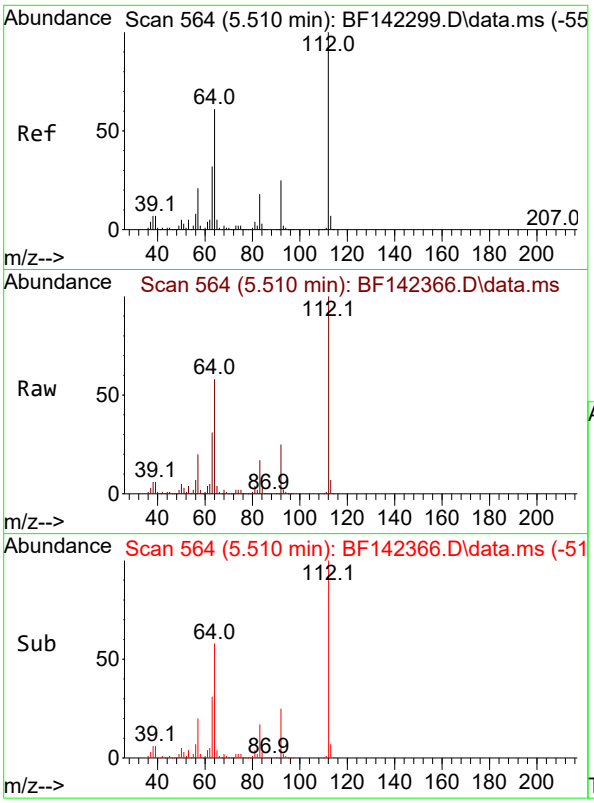


#4
n-Nitrosodimethylamine
Concen: 40.319 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion: 42 Resp: 225025

Ion	Ratio	Lower	Upper
42	100		
74	112.7	88.5	132.7
44	7.7	5.8	8.8



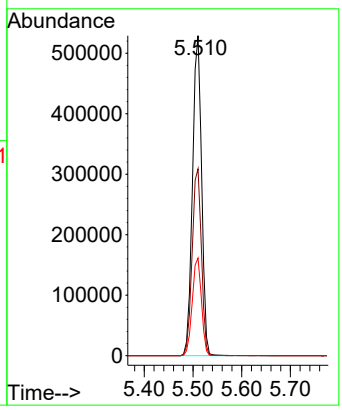


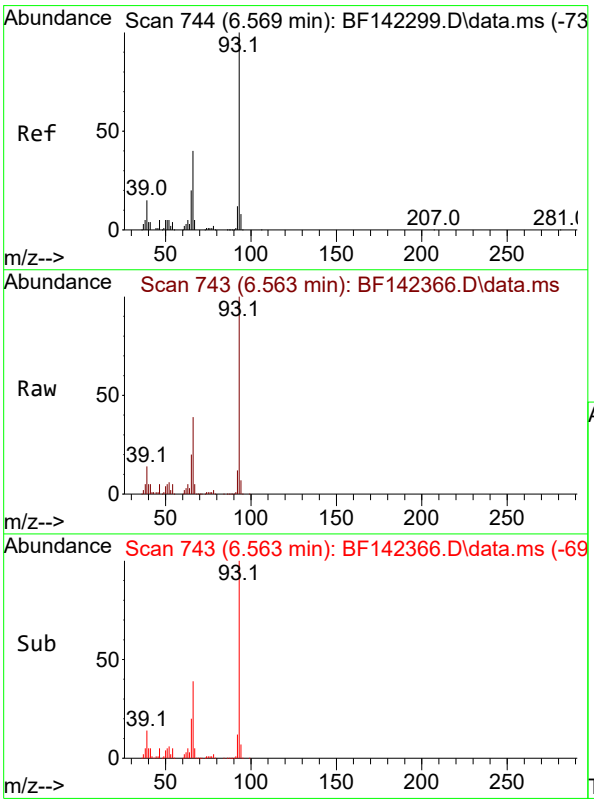
#5
2-Fluorophenol
Concen: 76.258 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:112 Resp: 692630

Ion	Ratio	Lower	Upper
112	100		
64	58.4	48.9	73.3
63	30.5	25.6	38.4

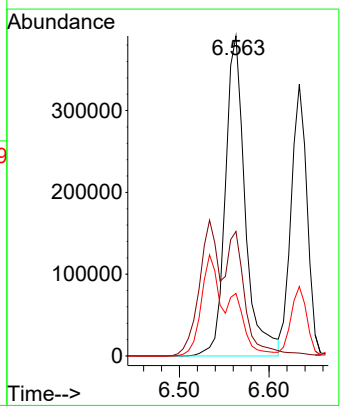


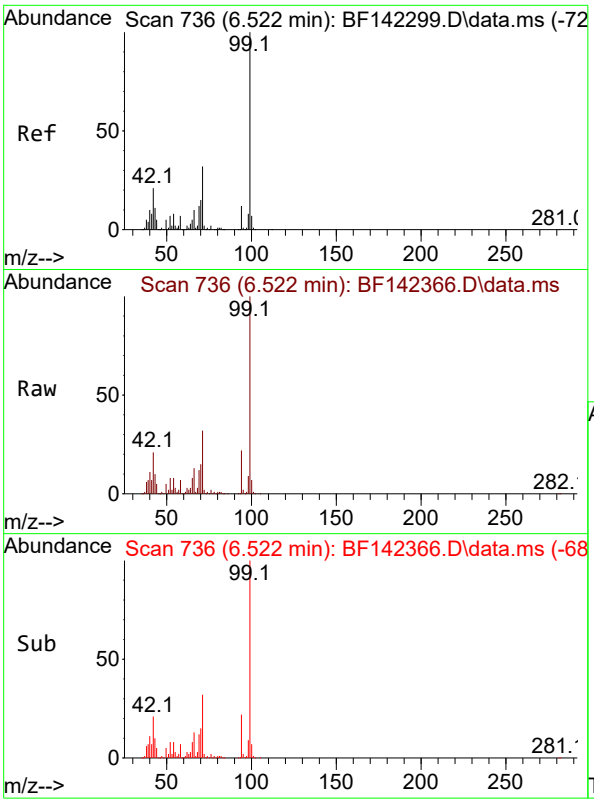


#6
Aniline
Concen: 54.708 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion: 93 Resp: 599443

Ion	Ratio	Lower	Upper
93	100		
66	38.9	32.2	48.4
65	19.5	16.3	24.5



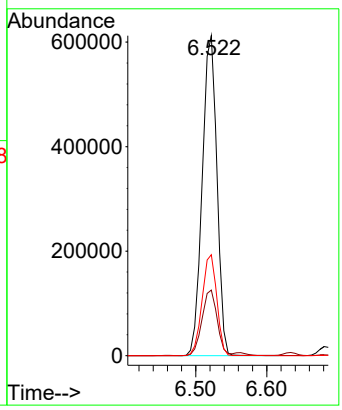


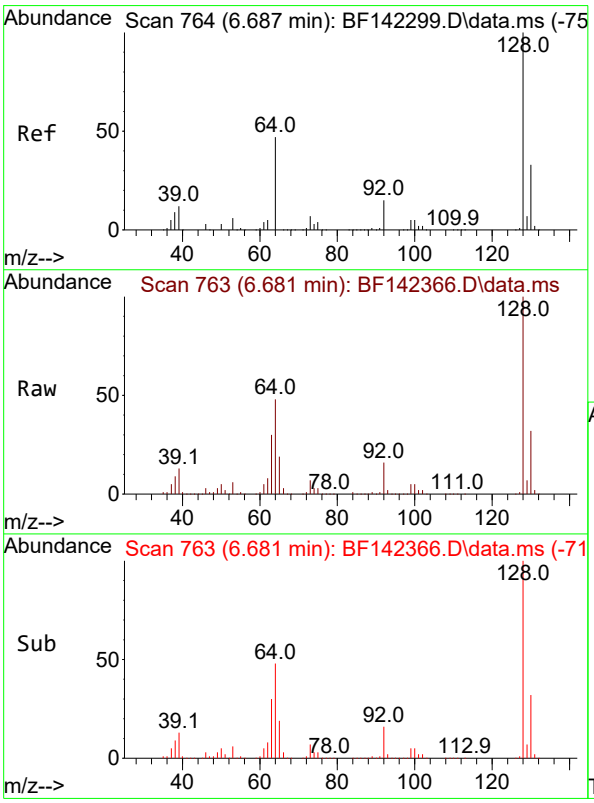
#7
Phenol-d6
Concen: 78.956 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 99 Resp: 882025

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.0	25.4
71	31.6	25.8	38.8

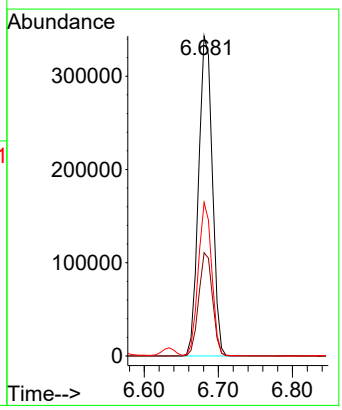


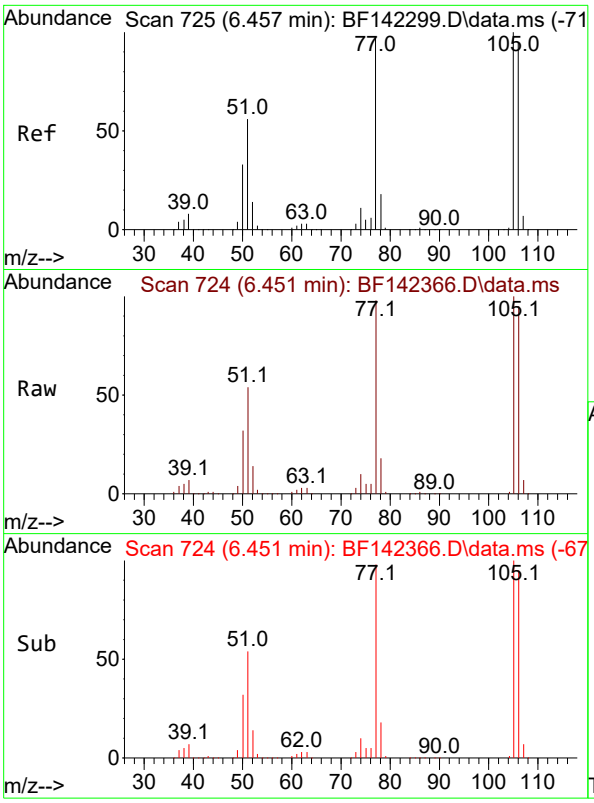


#8
2-Chlorophenol
Concen: 45.512 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:128 Resp: 441735

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.7	52.7
64	48.0	29.2	69.2



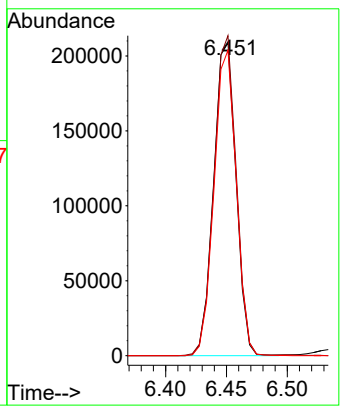


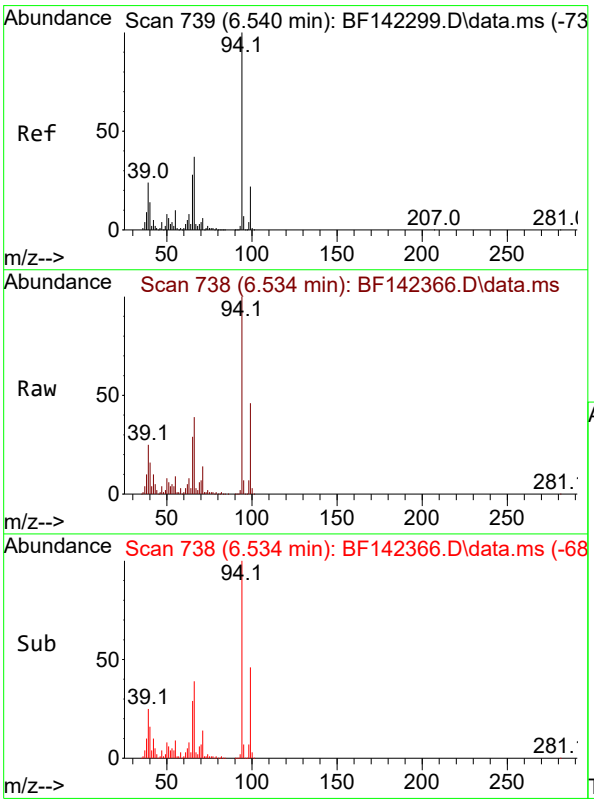
#9
Benzaldehyde
Concen: 40.774 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 77 Resp: 266588

Ion	Ratio	Lower	Upper
77	100		
105	102.2	82.0	122.0
106	97.6	77.2	117.2

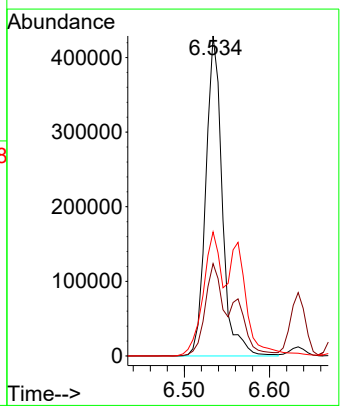


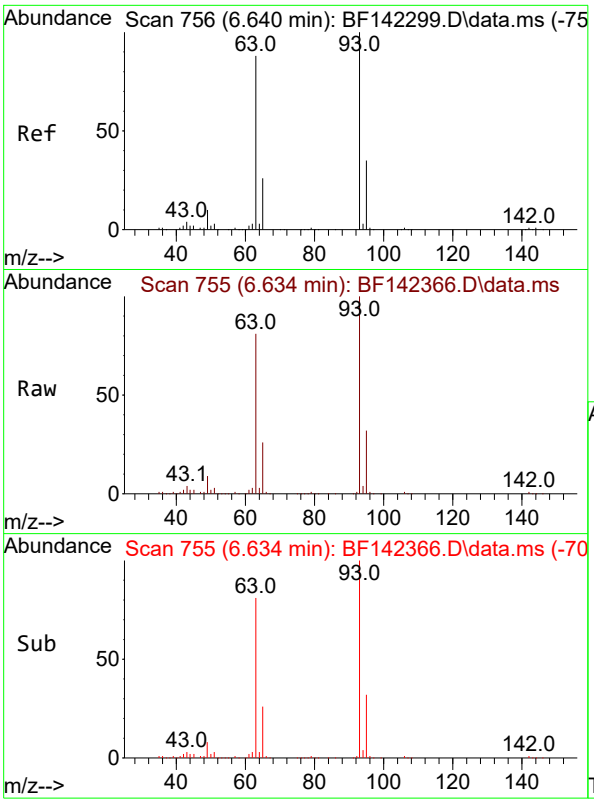


#10
Phenol
Concen: 48.677 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion: 94 Resp: 576407

Ion	Ratio	Lower	Upper
94	100		
65	28.8	8.5	48.5
66	38.7	17.3	57.3



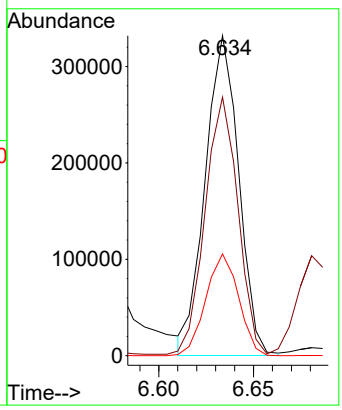


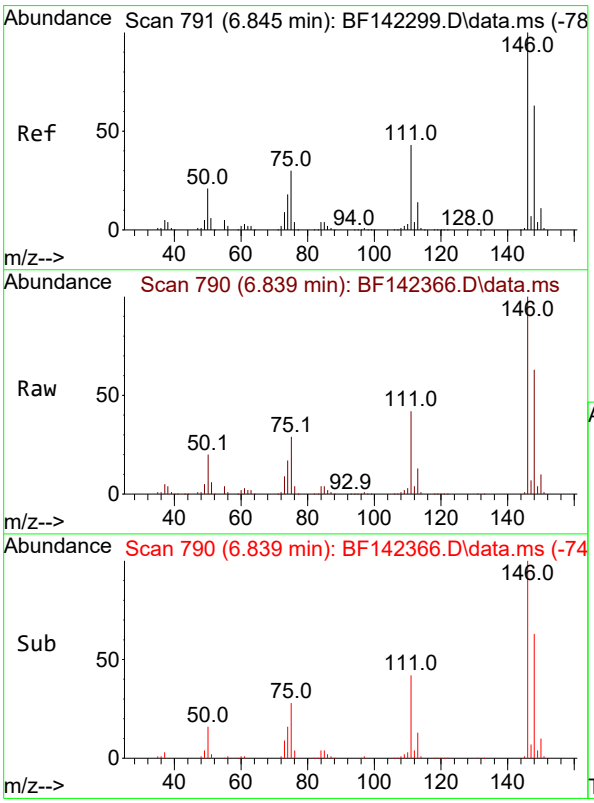
#11
bis(2-Chloroethyl)ether
Concen: 35.004 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 93 Resp: 408748

Ion	Ratio	Lower	Upper
93	100		
63	80.8	58.4	98.4
95	31.8	10.6	50.6

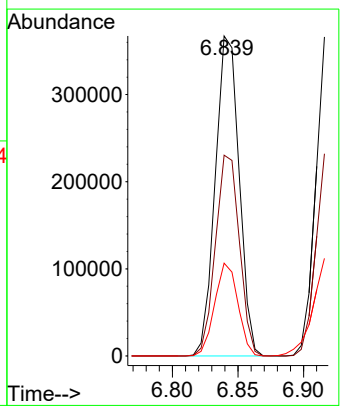


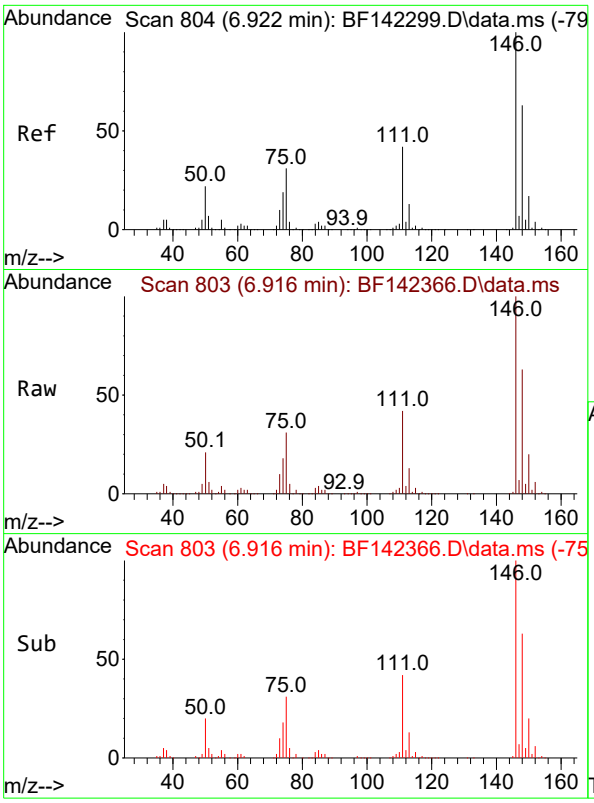


#12
1,3-Dichlorobenzene
Concen: 41.825 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:146 Resp: 464430

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
75	29.0	24.2	36.4



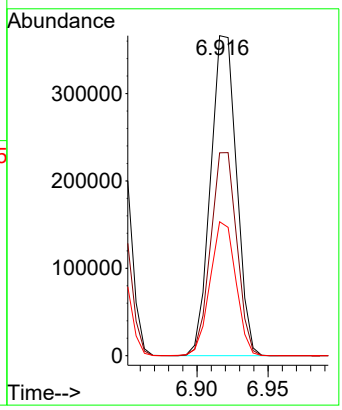


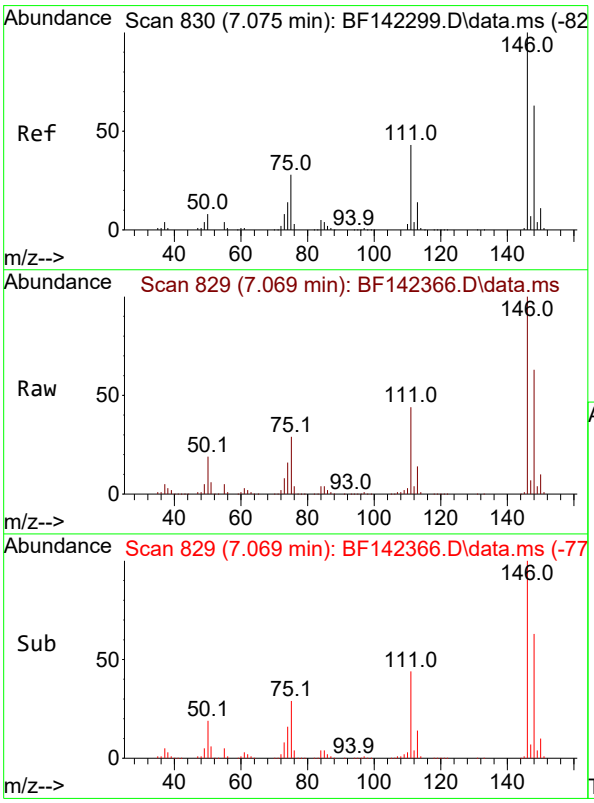
#13
1,4-Dichlorobenzene
Concen: 41.797 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:146 Resp: 465991

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
111	41.8	33.4	50.2

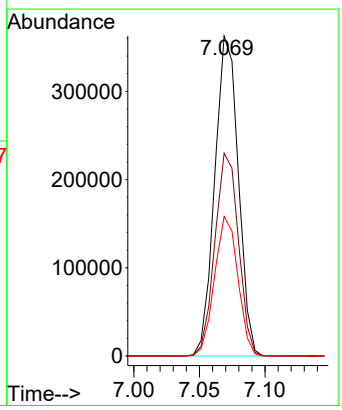


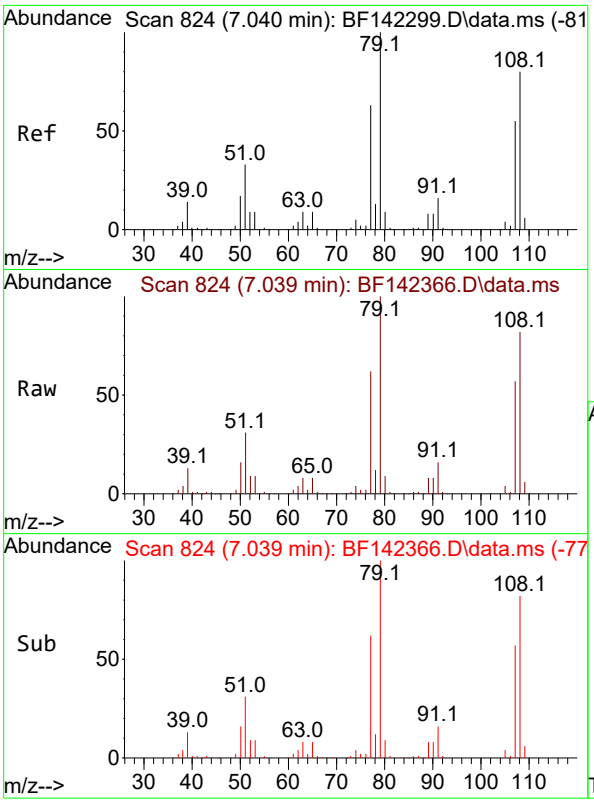


#14
1,2-Dichlorobenzene
Concen: 42.234 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:146 Resp: 451963

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.3	75.5
111	43.6	34.5	51.7



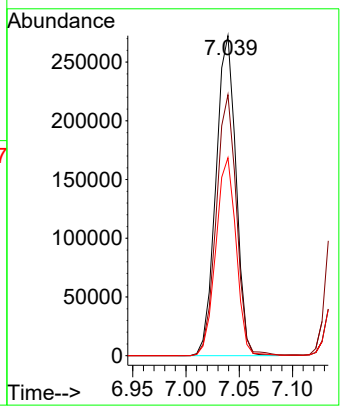


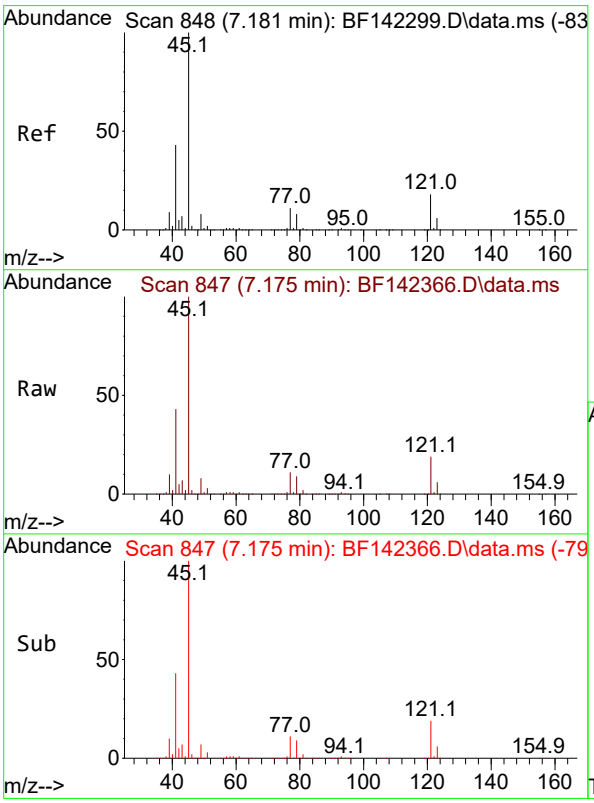
#15
Benzyl Alcohol
Concen: 49.324 ng
RT: 7.039 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 79 Resp: 356796

Ion	Ratio	Lower	Upper
79	100		
108	81.6	63.9	95.9
77	61.8	50.7	76.1

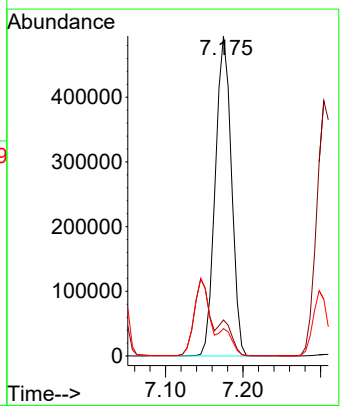


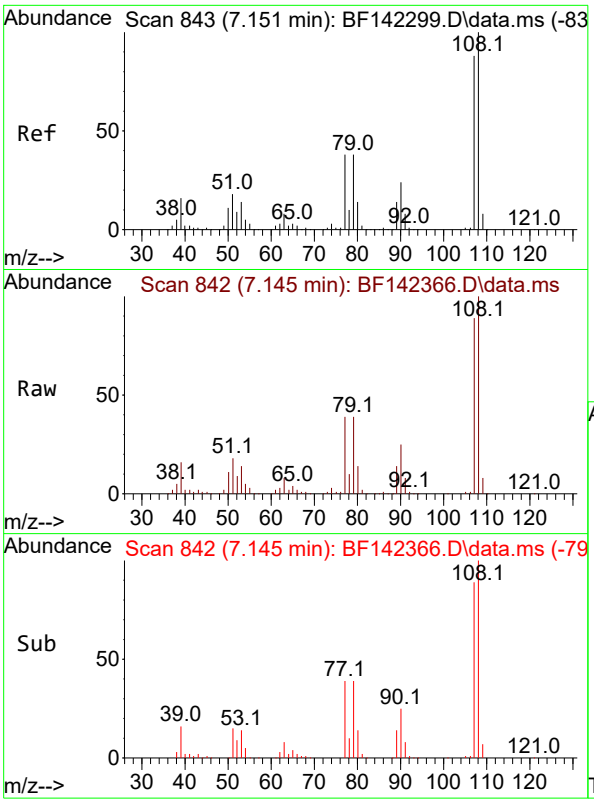


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.944 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion: 45 Resp: 713977

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.6	0.0	28.5



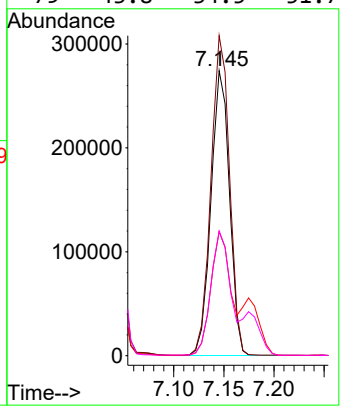


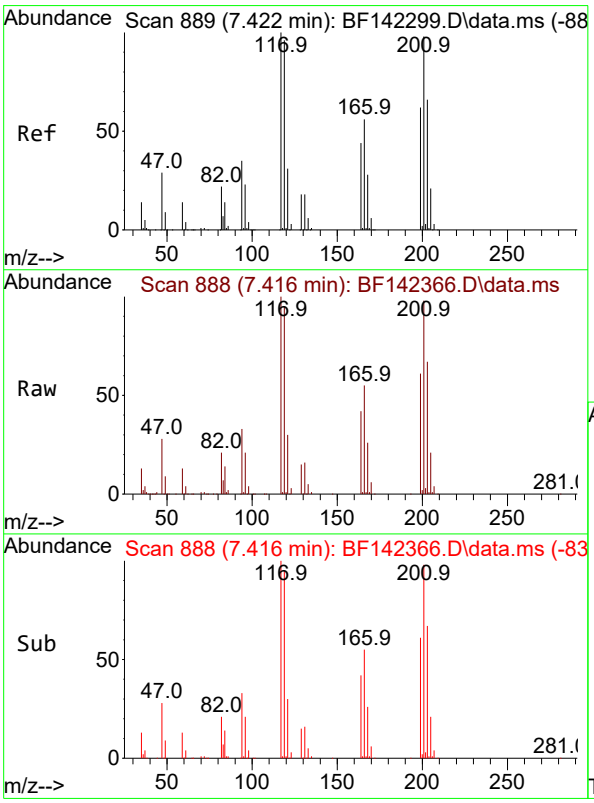
#17
2-Methylphenol
Concen: 44.777 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:107 Resp: 351851

Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.1	136.7
77	43.5	34.7	52.1
79	43.8	34.5	51.7

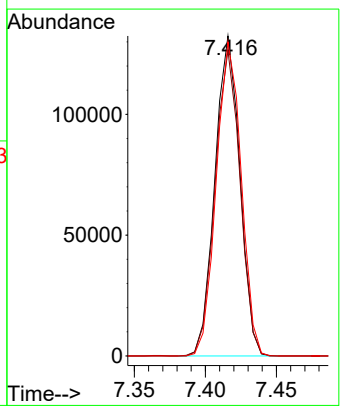


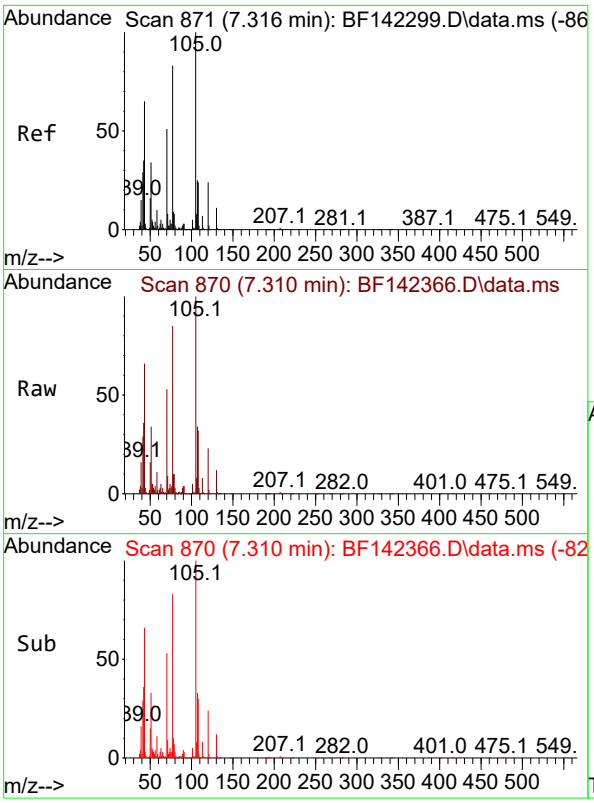


#18
Hexachloroethane
Concen: 43.632 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:117 Resp: 161853

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.9	115.3
201	98.2	78.0	117.0



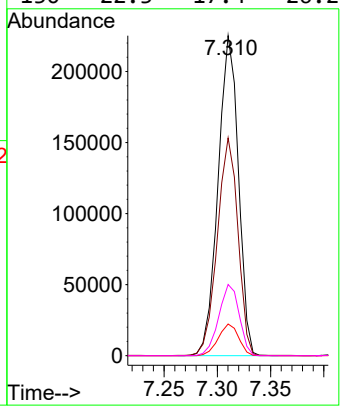


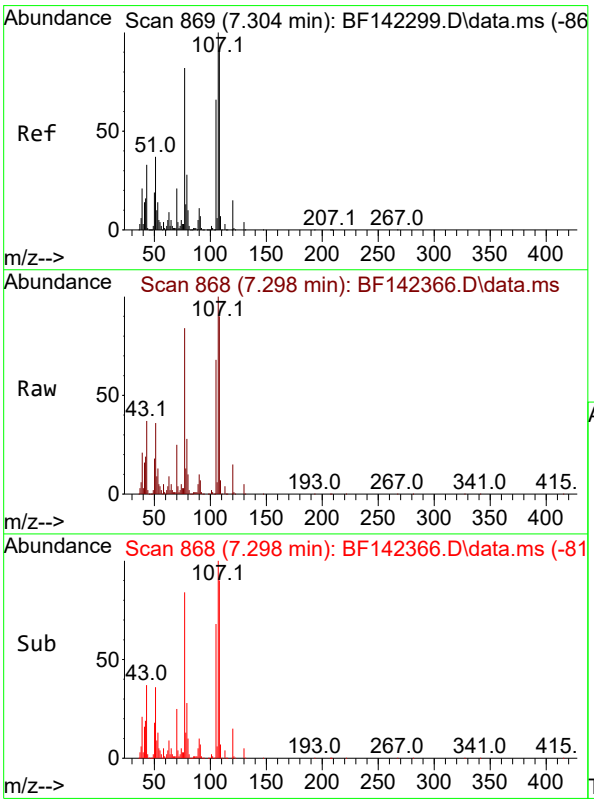
#19
n-Nitroso-di-n-propylamine
Concen: 43.231 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 70 Resp: 298725

Ion	Ratio	Lower	Upper
70	100		
42	68.1	54.8	82.2
101	9.9	7.7	11.5
130	22.3	17.4	26.2

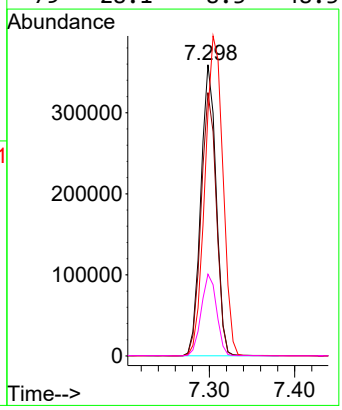


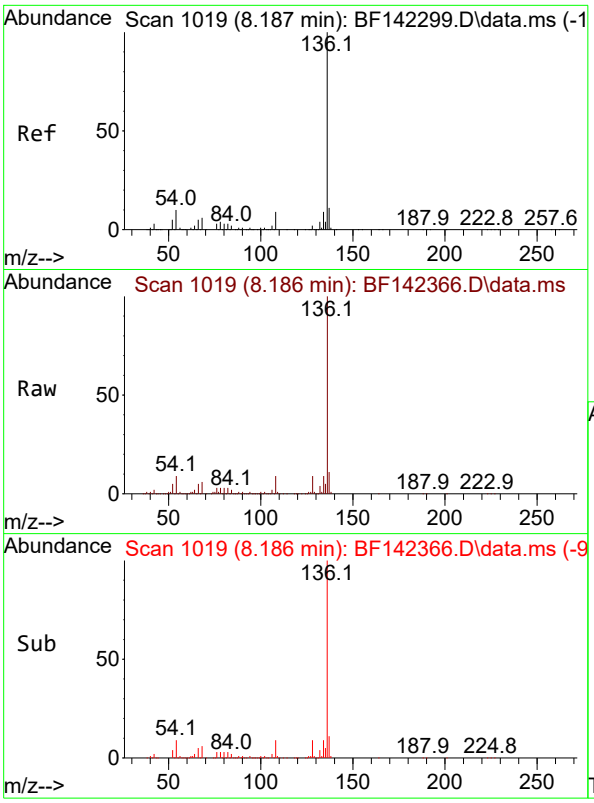


#20
3+4-Methylphenols
Concen: 45.721 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:107 Resp: 448388

Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.5	111.5
77	83.5	61.6	101.6
79	28.1	8.3	48.3



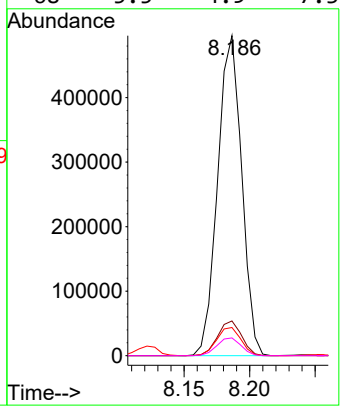


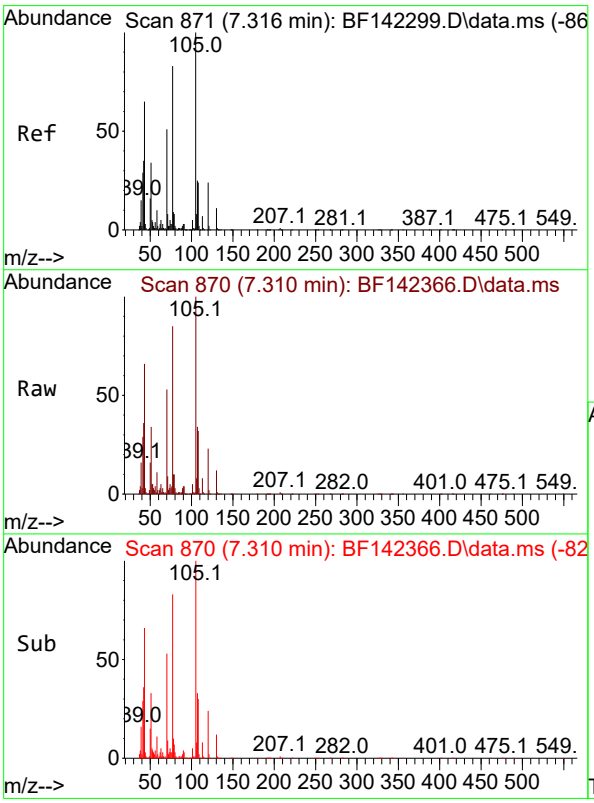
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:136 Resp: 631761

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.8	7.7	11.5
68	5.5	4.9	7.3

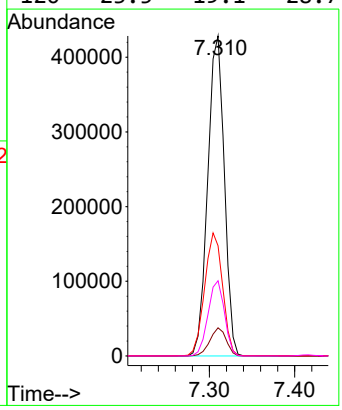


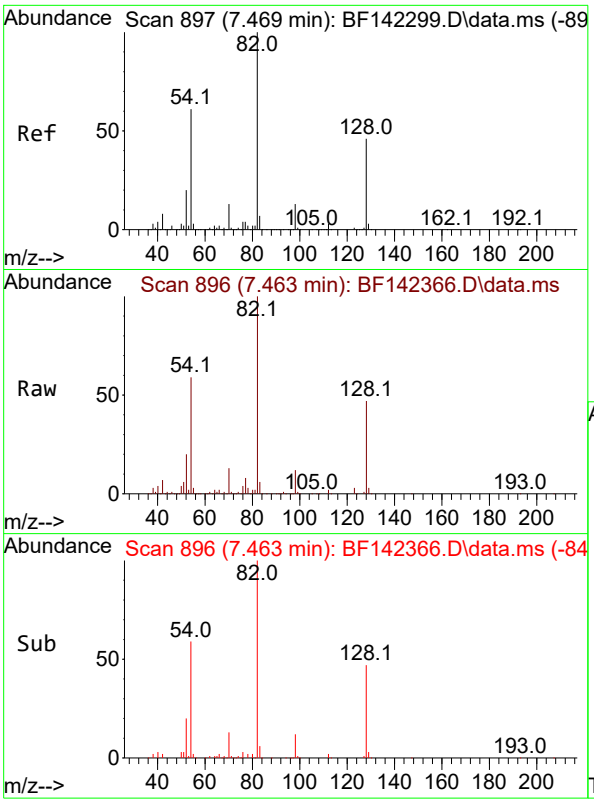


#22
Acetophenone
Concen: 41.370 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:105 Resp: 581115

Ion	Ratio	Lower	Upper
105	100		
71	8.8	6.7	10.1
51	34.5	27.6	41.4
120	23.5	19.1	28.7



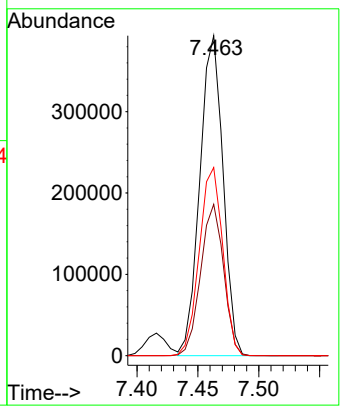


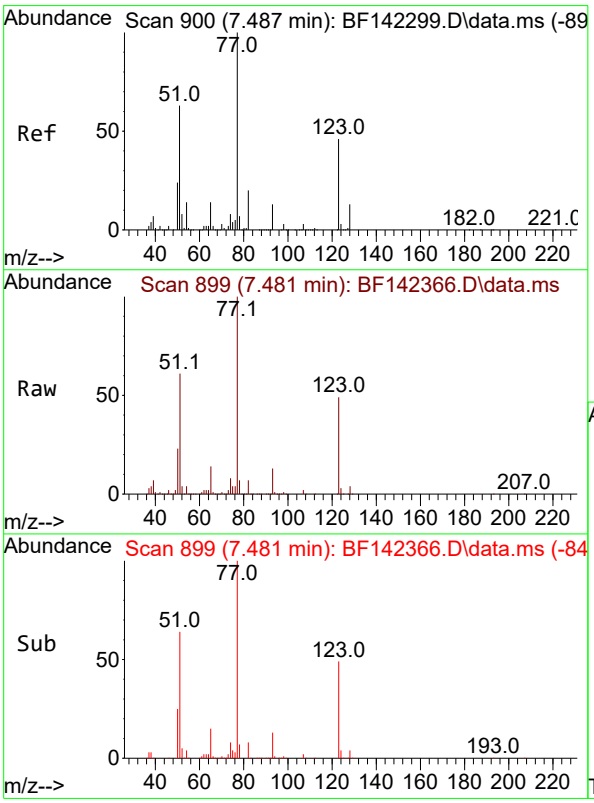
#23
Nitrobenzene-d5
Concen: 50.229 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 82 Resp: 520318

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.0	55.6
54	58.8	48.6	73.0

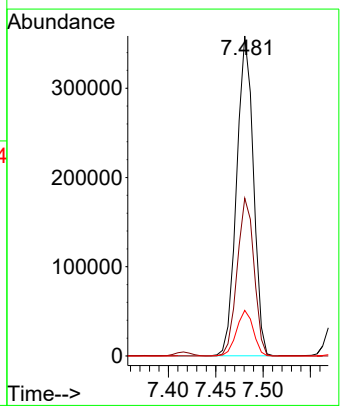


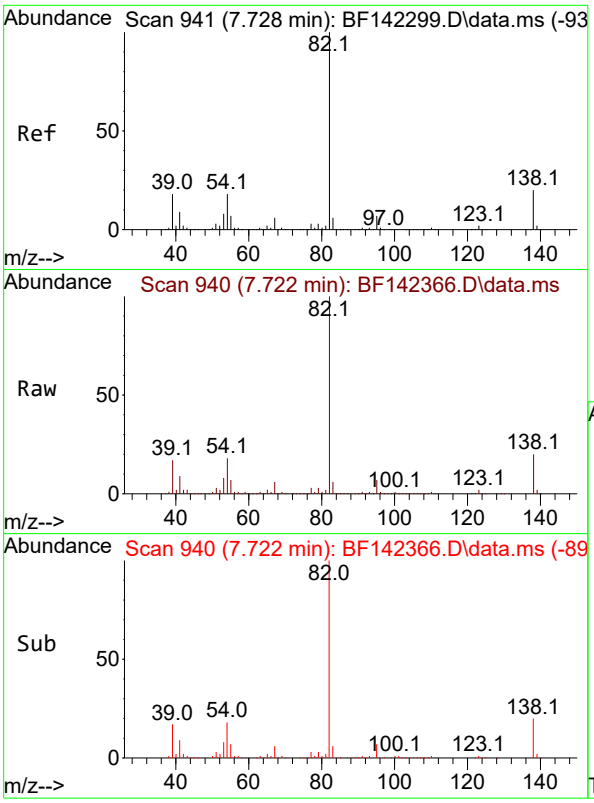


#24
Nitrobenzene
Concen: 45.191 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion: 77 Resp: 441270

Ion	Ratio	Lower	Upper
77	100		
123	49.3	37.8	56.8
65	14.3	11.4	17.0



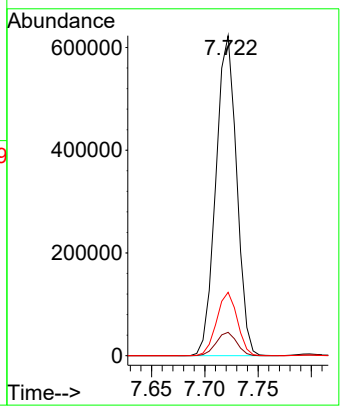


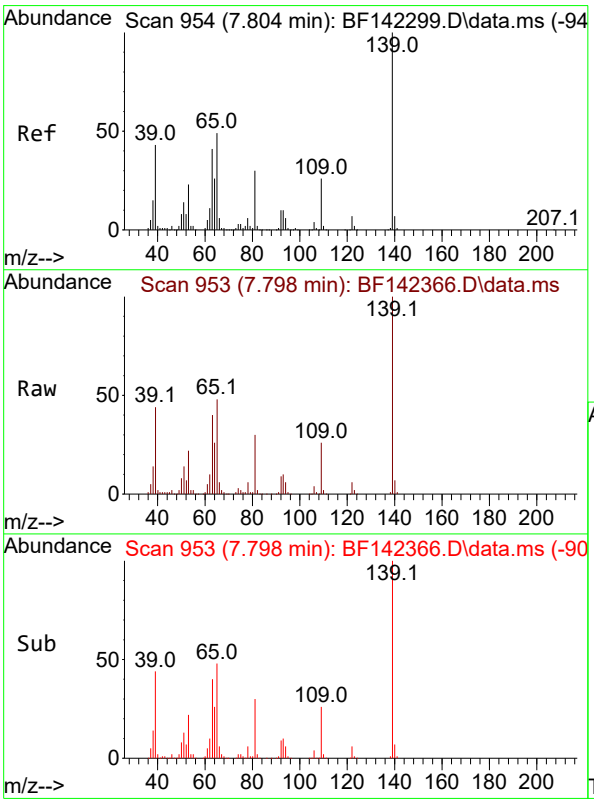
#25
Isophorone
Concen: 43.079 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 82 Resp: 845033

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	19.8	16.1	24.1

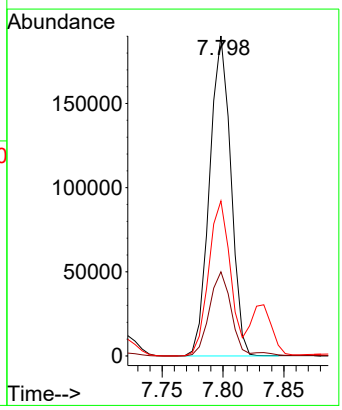


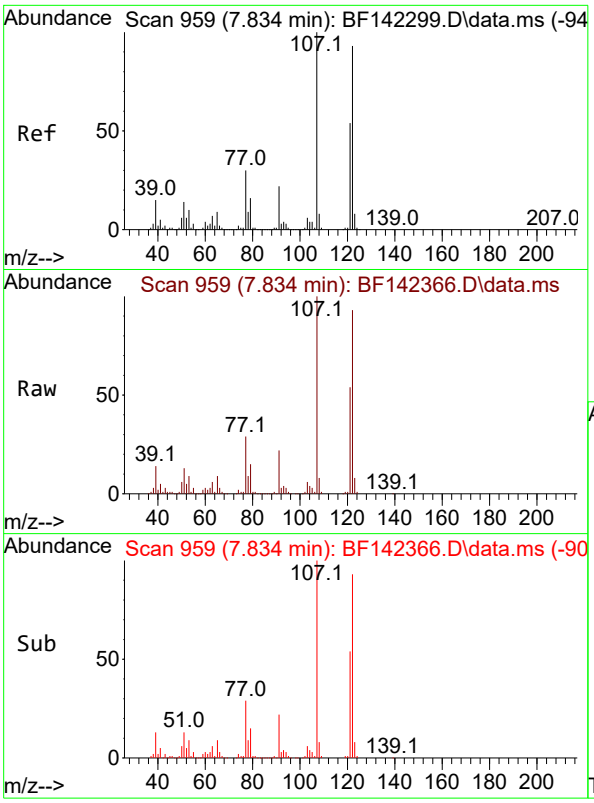


#26
2-Nitrophenol
Concen: 48.886 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:139 Resp: 230474

Ion	Ratio	Lower	Upper
139	100		
109	26.3	20.8	31.2
65	48.4	38.9	58.3



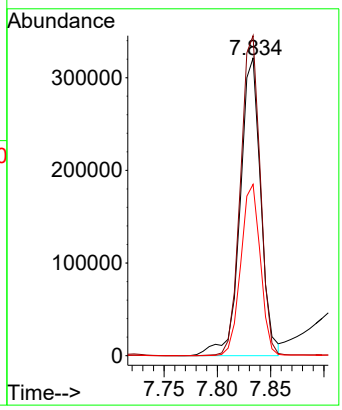


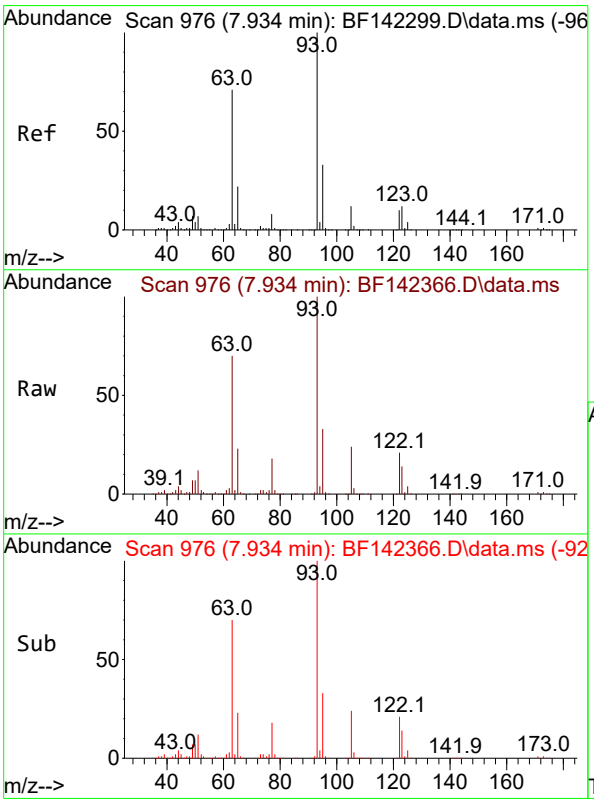
#27
2,4-Dimethylphenol
Concen: 43.945 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:122 Resp: 433405

Ion	Ratio	Lower	Upper
122	100		
107	107.5	86.0	129.0
121	57.6	46.2	69.4

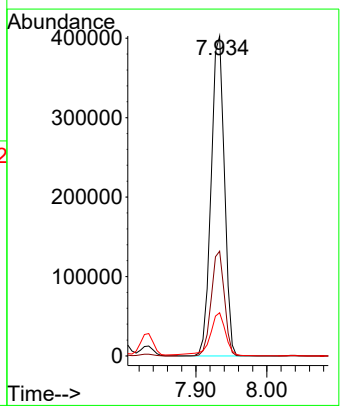


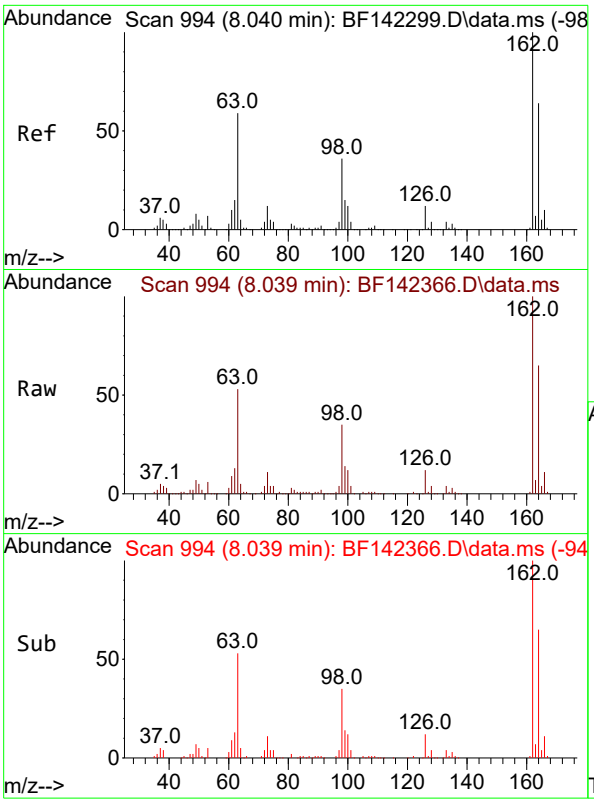


#28
bis(2-Chloroethoxy)methane
Concen: 41.451 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion: 93 Resp: 522841

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.1	39.1
123	13.5	10.2	15.4



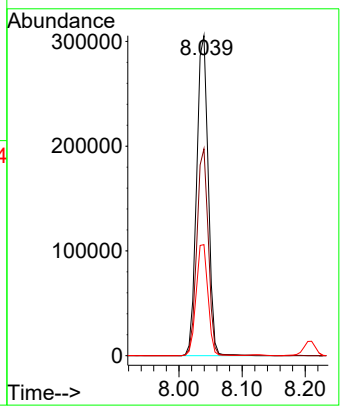


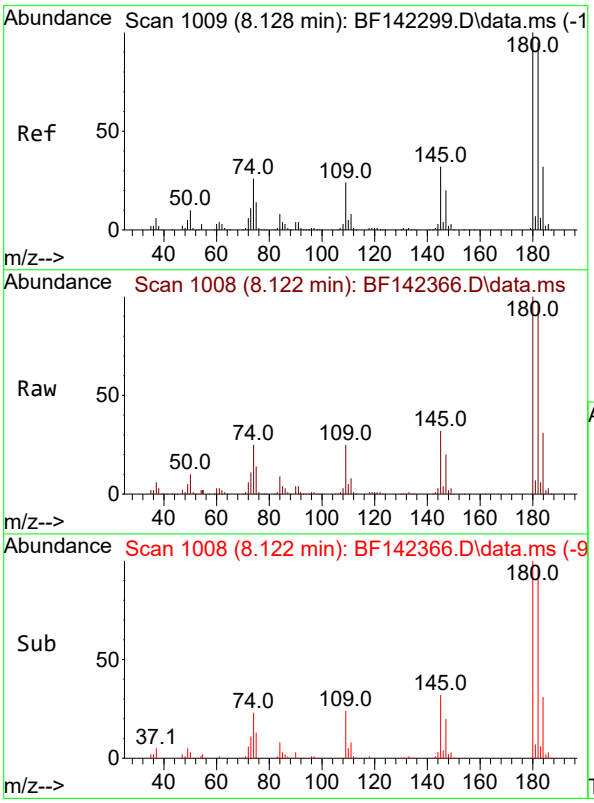
#29
2,4-Dichlorophenol
Concen: 46.229 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:162 Resp: 387626

Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.6	83.6
98	34.7	16.5	56.5

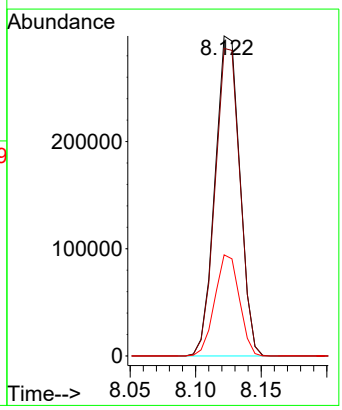


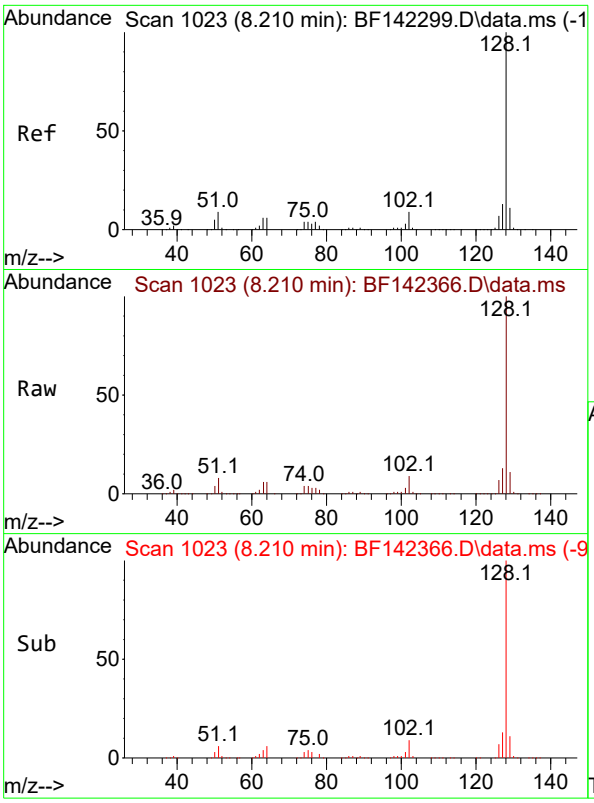


#30
1,2,4-Trichlorobenzene
Concen: 41.484 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:180 Resp: 391460

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.2	114.4
145	31.6	25.8	38.6



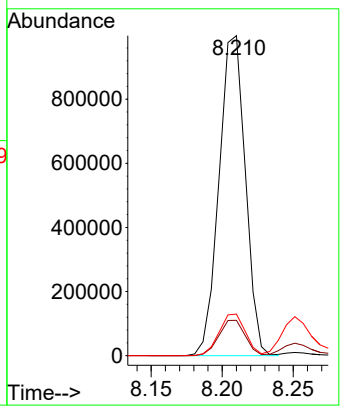


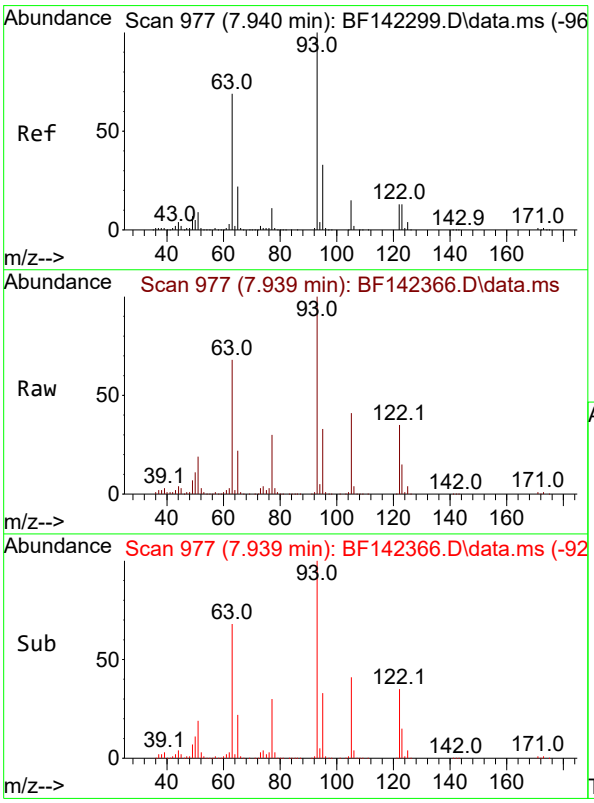
#31
Naphthalene
Concen: 42.063 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:128 Resp: 1287929

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.0	10.5	15.7

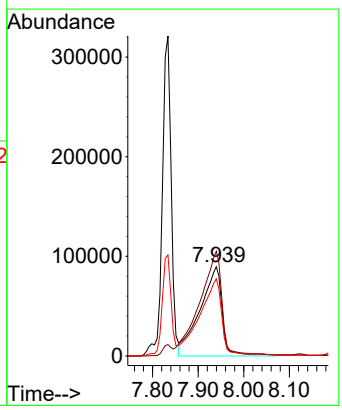


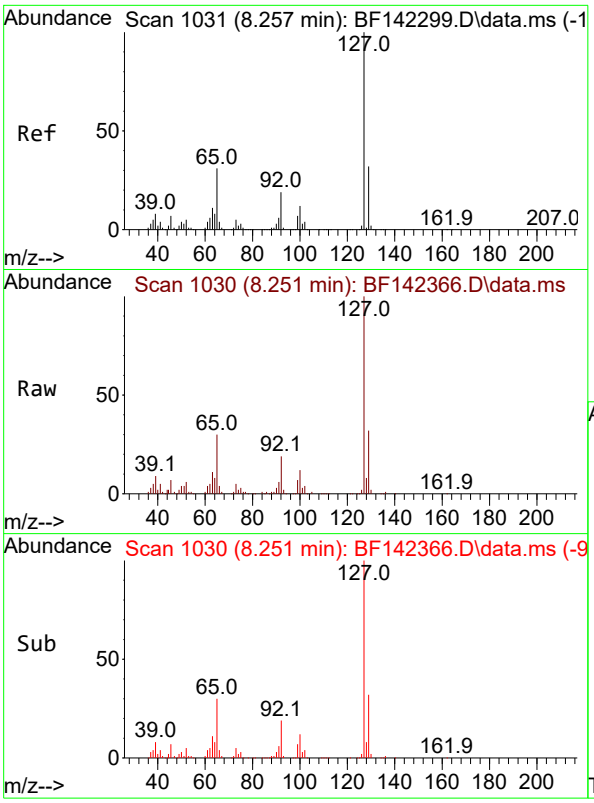


#32
Benzoic acid
Concen: 55.318 ng m
RT: 7.939 min Scan# 977
Delta R.T. -0.001 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:122 Resp: 305779

Ion	Ratio	Lower	Upper
122	100		
105	117.3	97.9	137.9
77	86.4	67.7	107.7



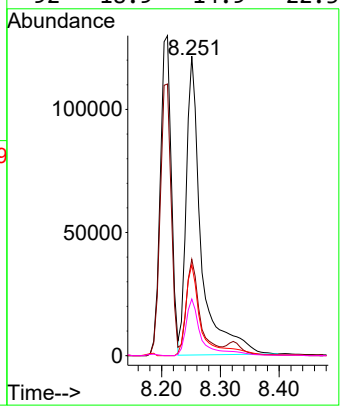


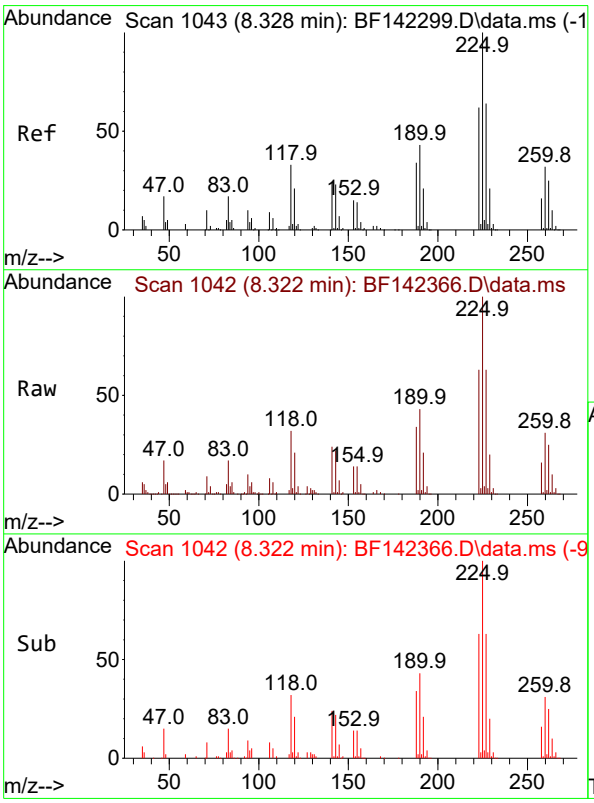
#33
4-Chloroaniline
Concen: 17.370 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.016 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:127 Resp: 217014

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	30.3	24.9	37.3
92	18.9	14.9	22.3

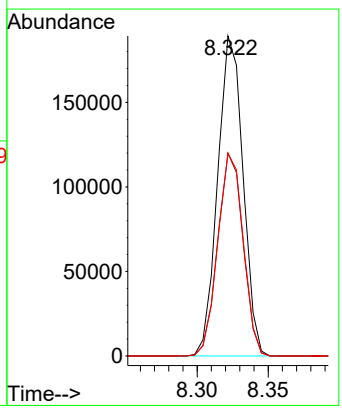


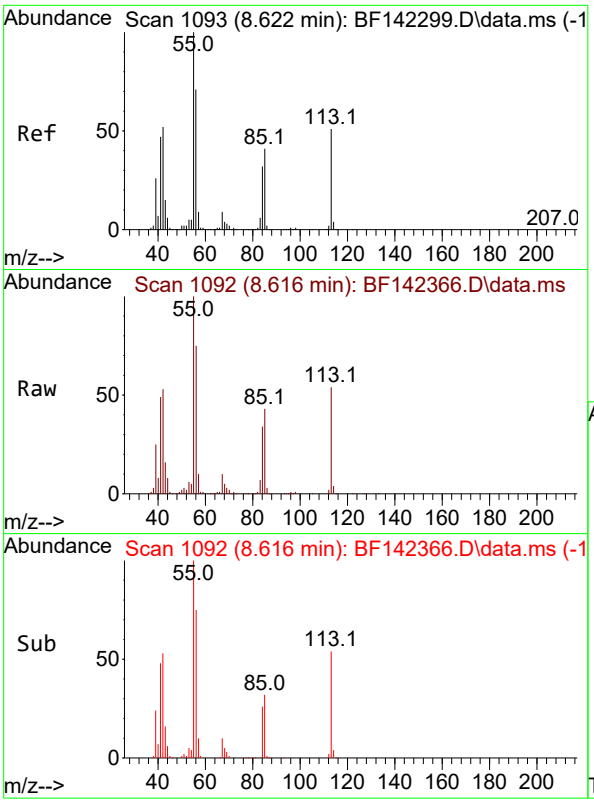


#34
Hexachlorobutadiene
Concen: 41.941 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:225 Resp: 234355

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.8	74.6
227	63.4	50.9	76.3



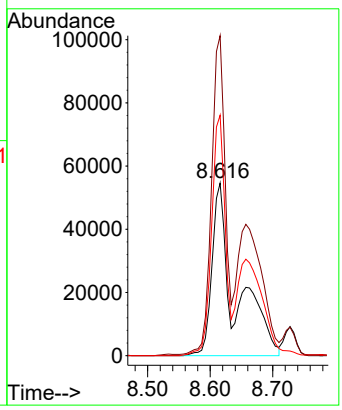


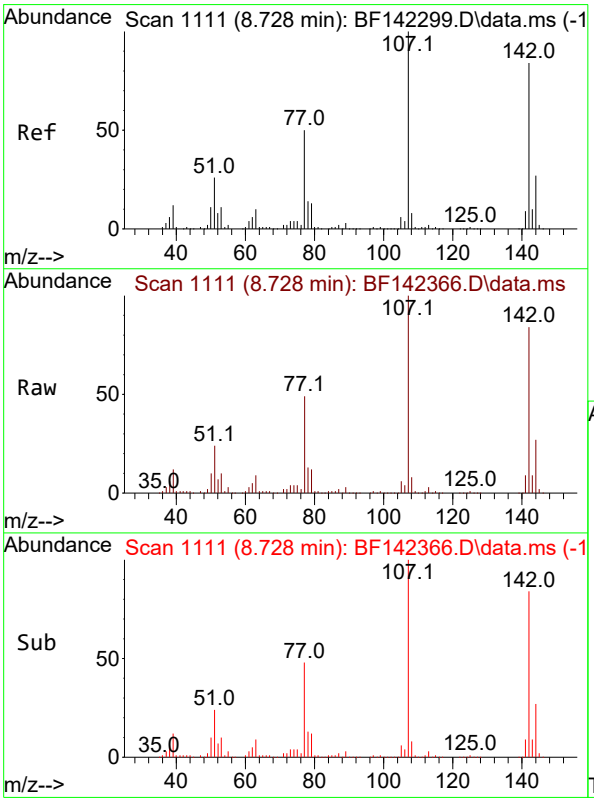
#35
Caprolactam
Concen: 58.026 ng m
RT: 8.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:113 Resp: 141799

Ion	Ratio	Lower	Upper
113	100		
55	185.4	176.4	216.4
56	139.3	120.3	160.3

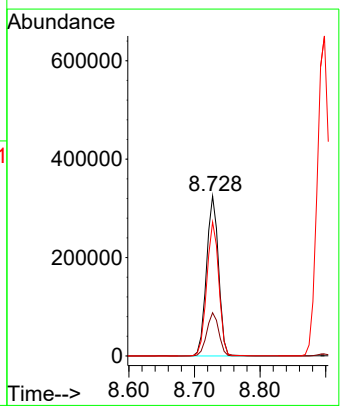


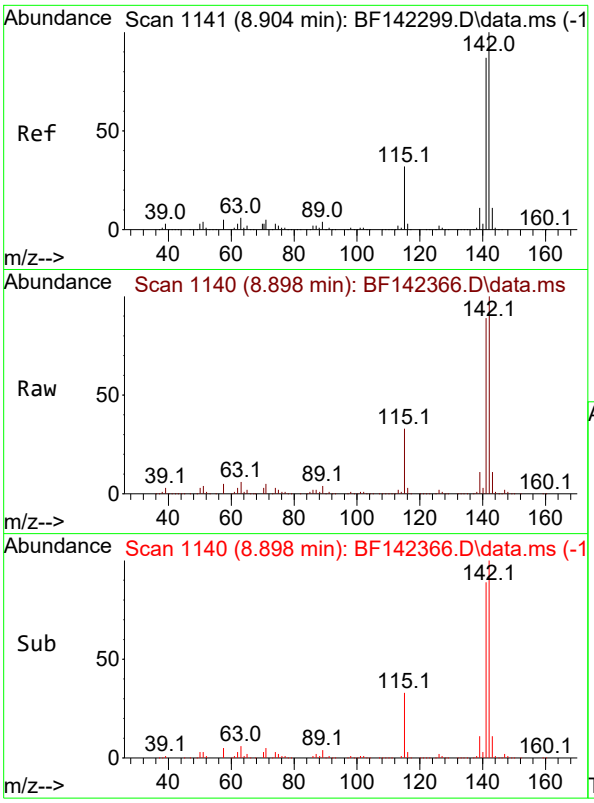


#36
4-Chloro-3-methylphenol
Concen: 47.855 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:107 Resp: 417111

Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.3	31.9
142	83.7	66.9	100.3



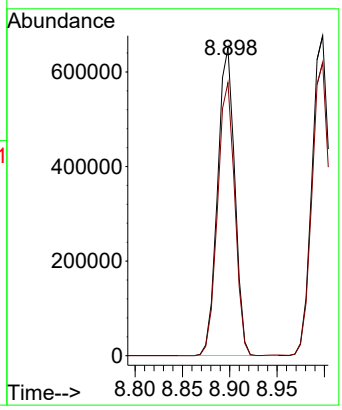


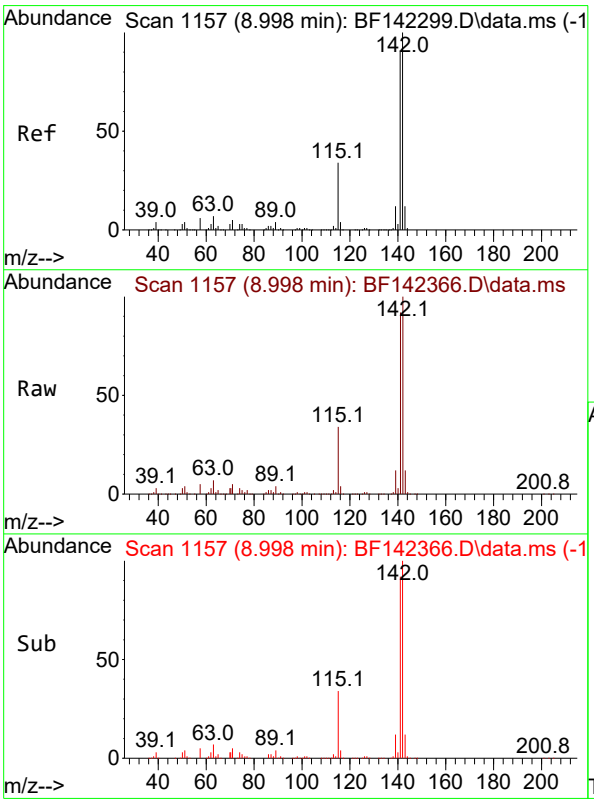
#37
2-Methylnaphthalene
Concen: 43.271 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:142 Resp: 823265

Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.4	104.2

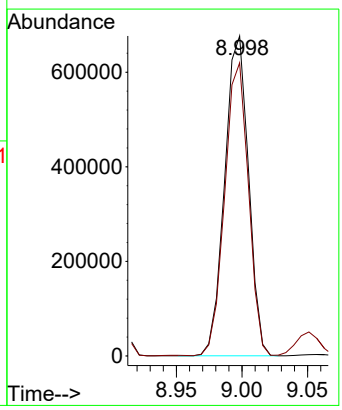


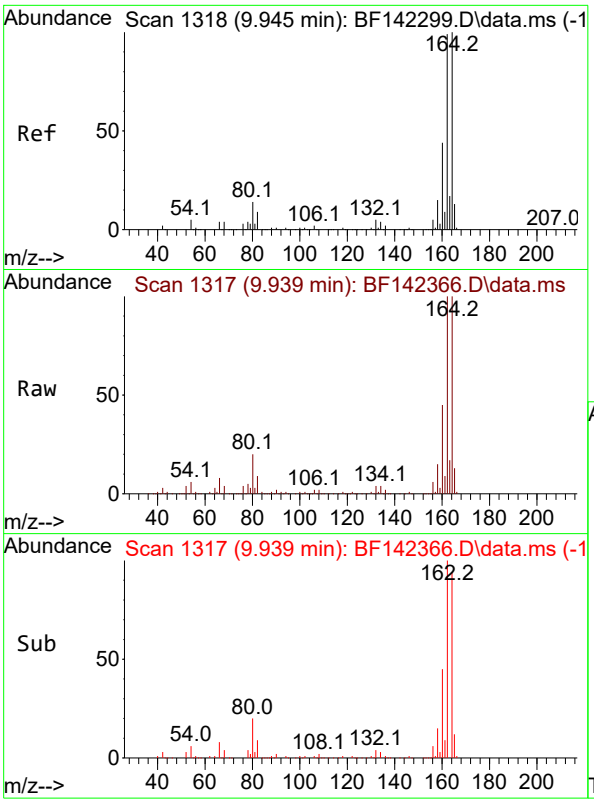


#38
1-Methylnaphthalene
Concen: 43.112 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:142 Resp: 854916

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.5	108.7



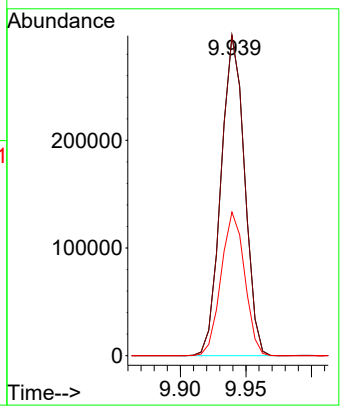


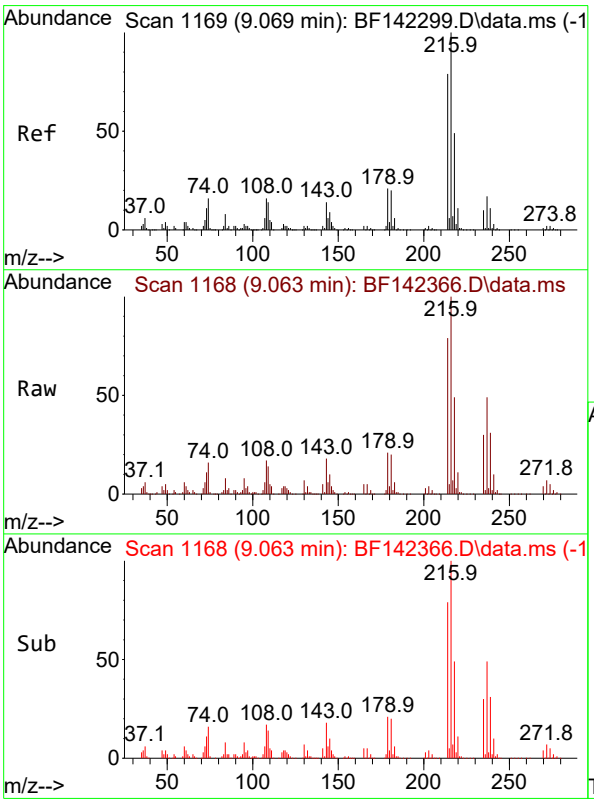
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:164 Resp: 370580

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.2	118.8
160	44.9	35.3	52.9

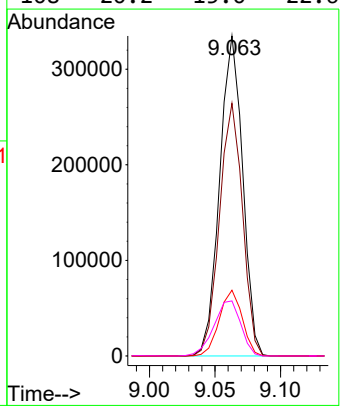


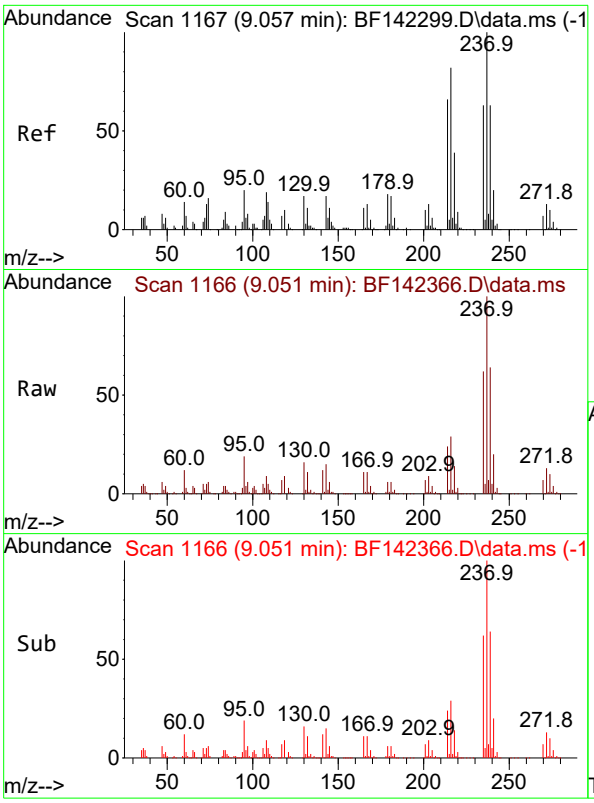


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.468 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:216 Resp: 408491

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.6
179	20.5	17.0	25.6
108	20.2	15.0	22.6



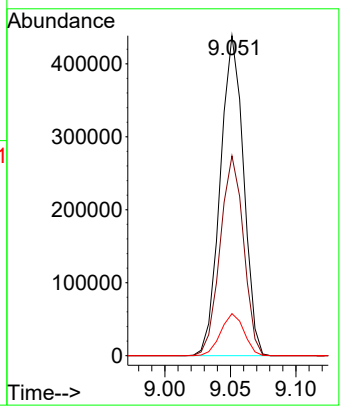


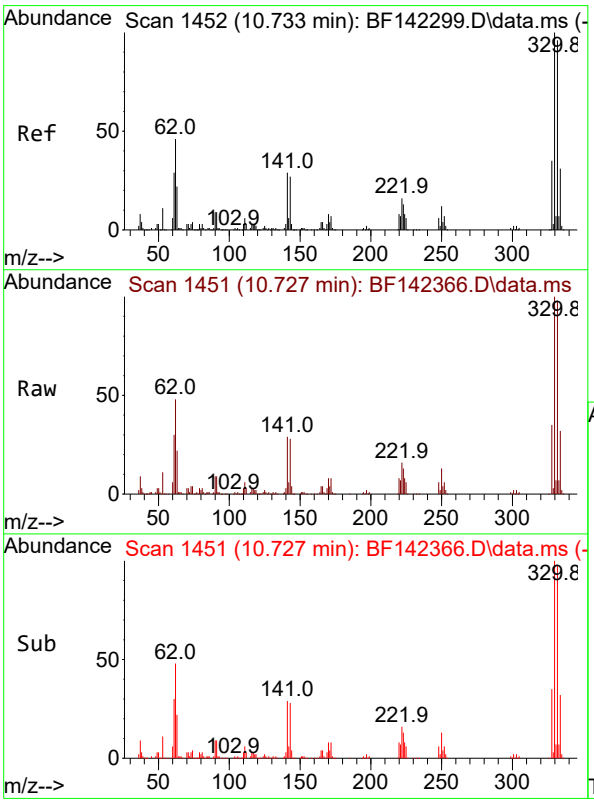
#41
Hexachlorocyclopentadiene
Concen: 84.716 ng
RT: 9.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:237 Resp: 541888

Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.8	82.8
272	13.1	0.0	33.0

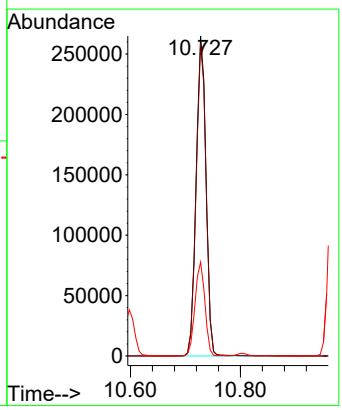


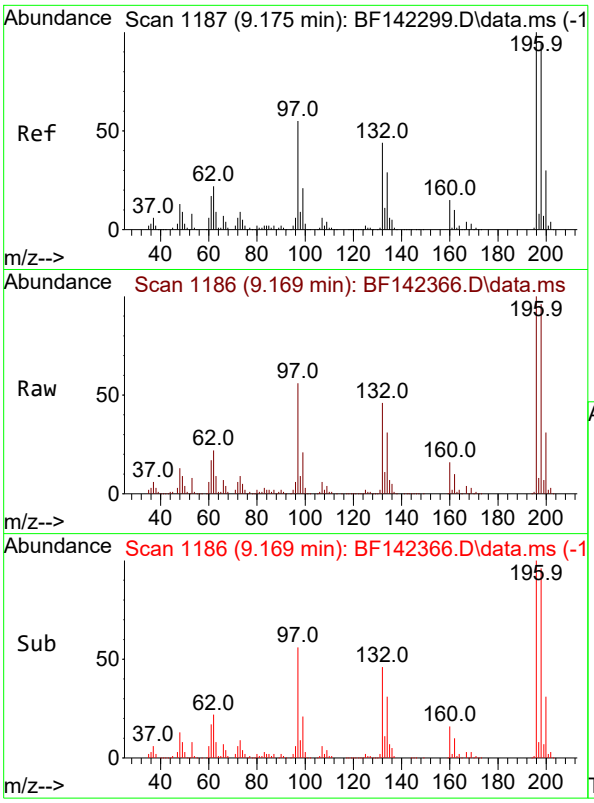


#42
2,4,6-Tribromophenol
Concen: 92.595 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:330 Resp: 331293

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.8	115.2
141	29.5	24.9	37.3



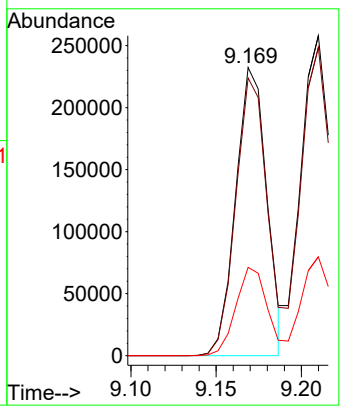


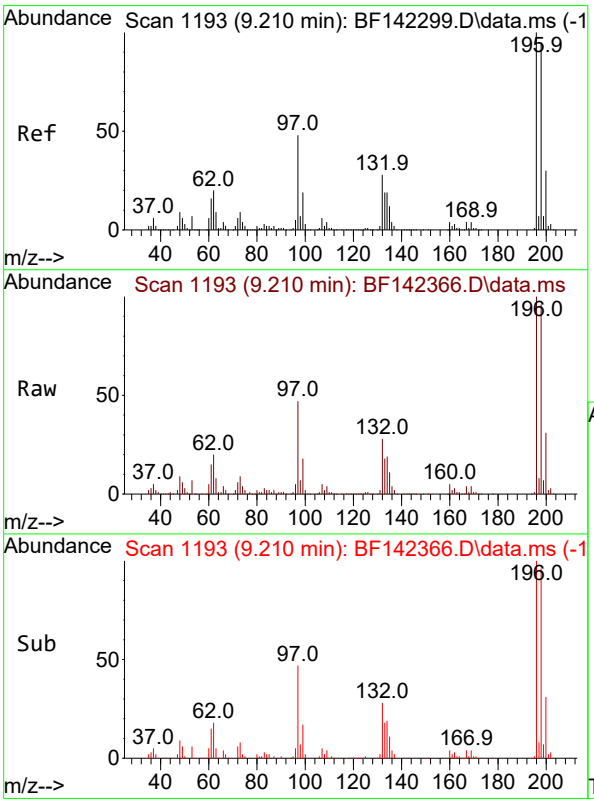
#43
2,4,6-Trichlorophenol
Concen: 45.063 ng
RT: 9.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:196 Resp: 294187

Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.4	113.0
200	30.6	24.3	36.5

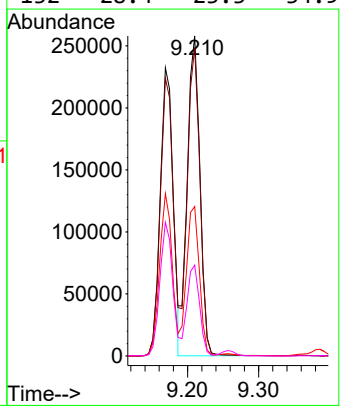


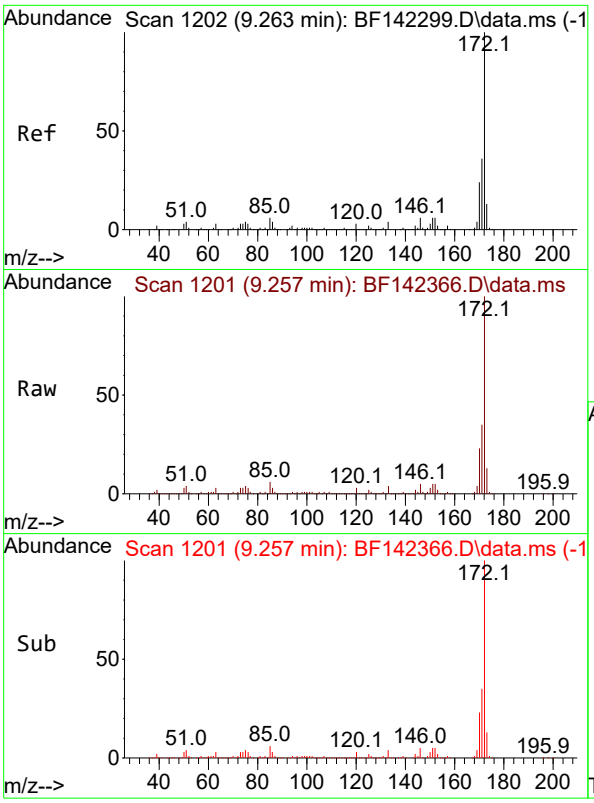


#44
2,4,5-Trichlorophenol
Concen: 46.301 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:196 Resp: 321618

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.1	114.1
97	46.7	39.0	58.4
132	28.4	23.3	34.9



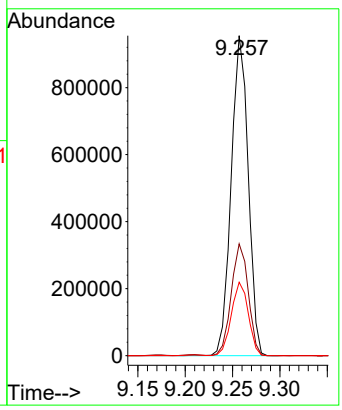


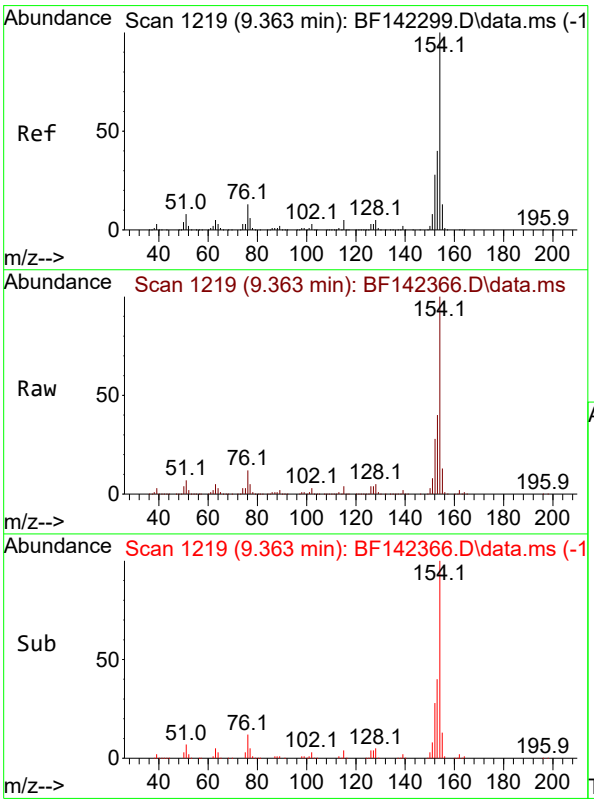
#45
2-Fluorobiphenyl
Concen: 45.880 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:172 Resp: 1192392

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.0	19.0	28.4

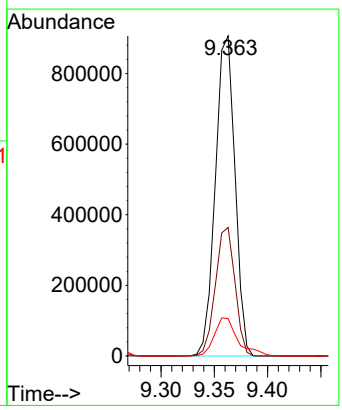


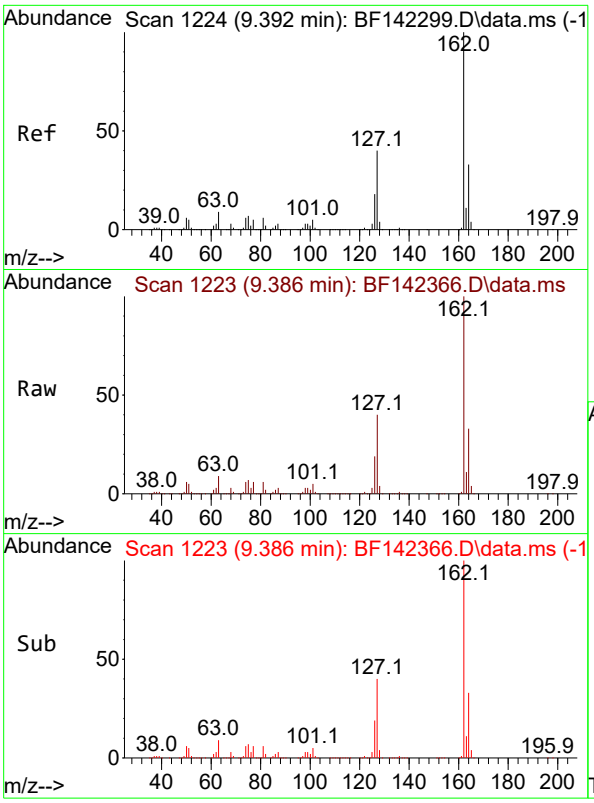


#46
1,1'-Biphenyl
Concen: 40.768 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:154 Resp: 1158375

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.5	60.5
76	11.7	0.0	32.8



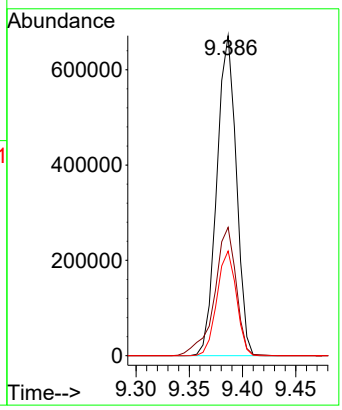


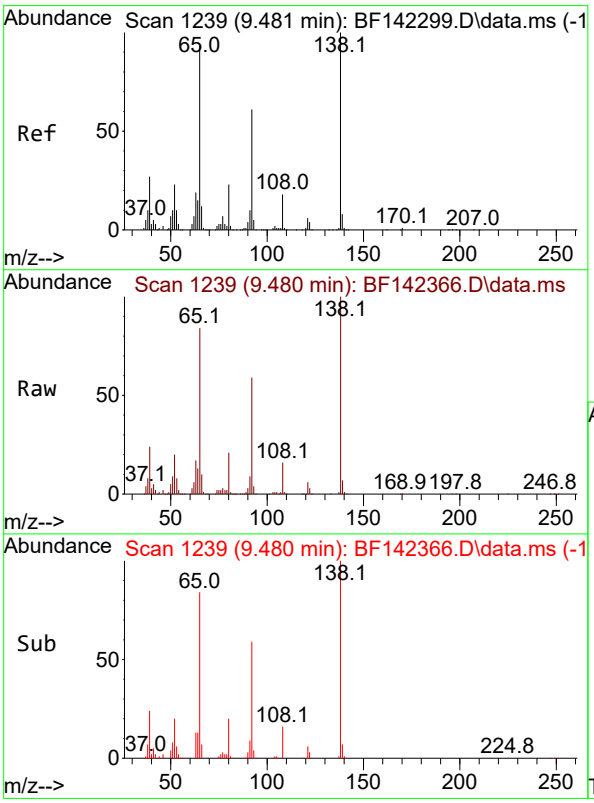
#47
2-Chloronaphthalene
Concen: 40.313 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:162 Resp: 851834

Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.3	48.5
164	32.7	26.6	40.0

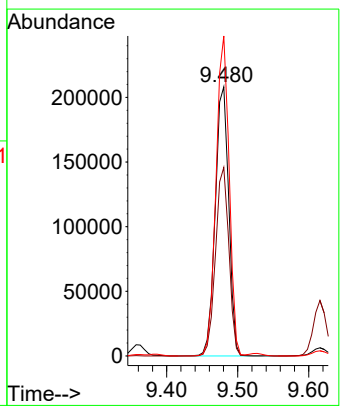


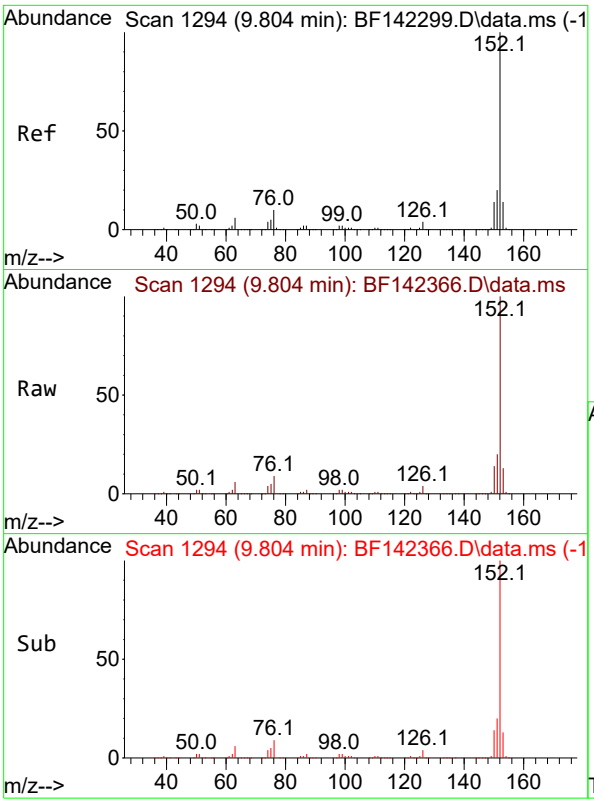


#48
2-Nitroaniline
Concen: 50.603 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion: 65 Resp: 274081

Ion	Ratio	Lower	Upper
65	100		
92	70.0	52.3	78.5
138	118.9	85.6	128.4



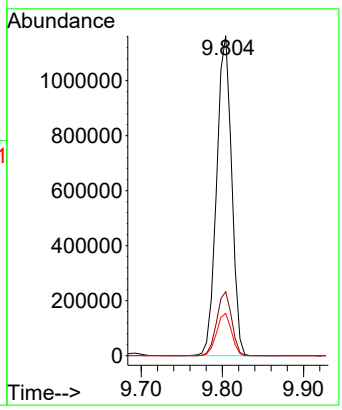


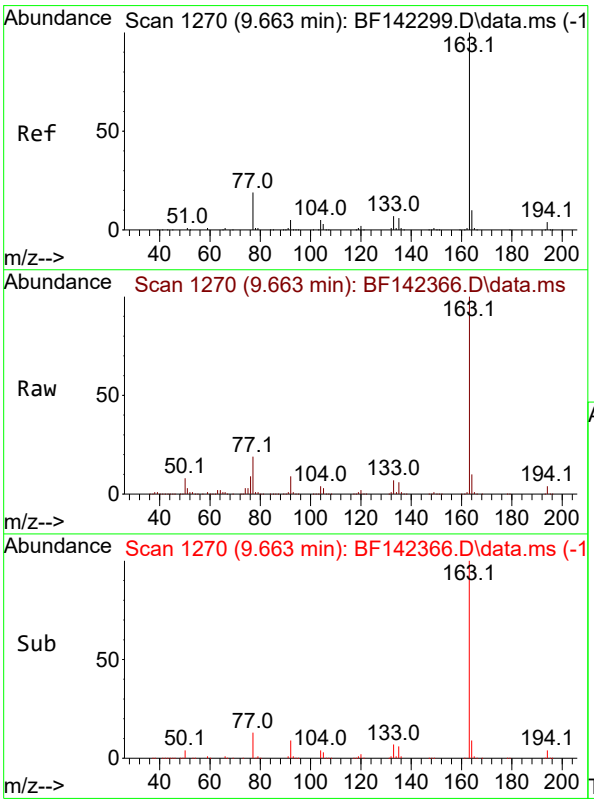
#49
Acenaphthylene
Concen: 42.351 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:152 Resp: 1497053

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.2	10.8	16.2

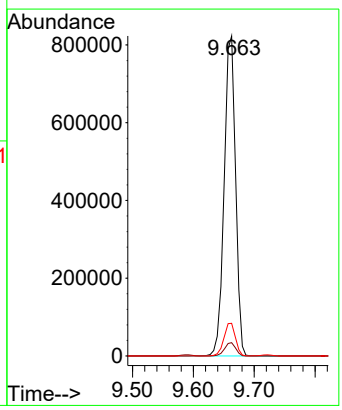


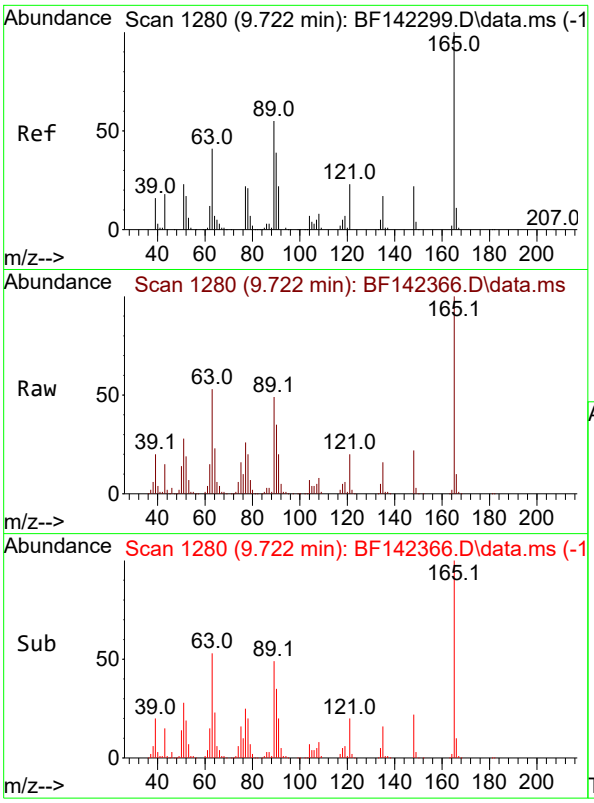


#50
Dimethylphthalate
Concen: 45.078 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:163 Resp: 1072664

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.2	8.3	12.5



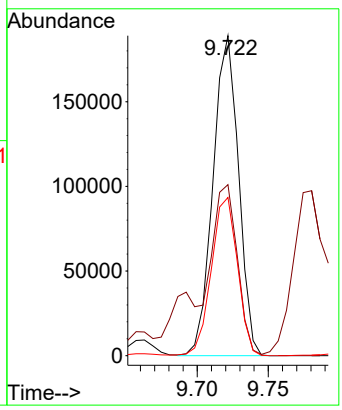


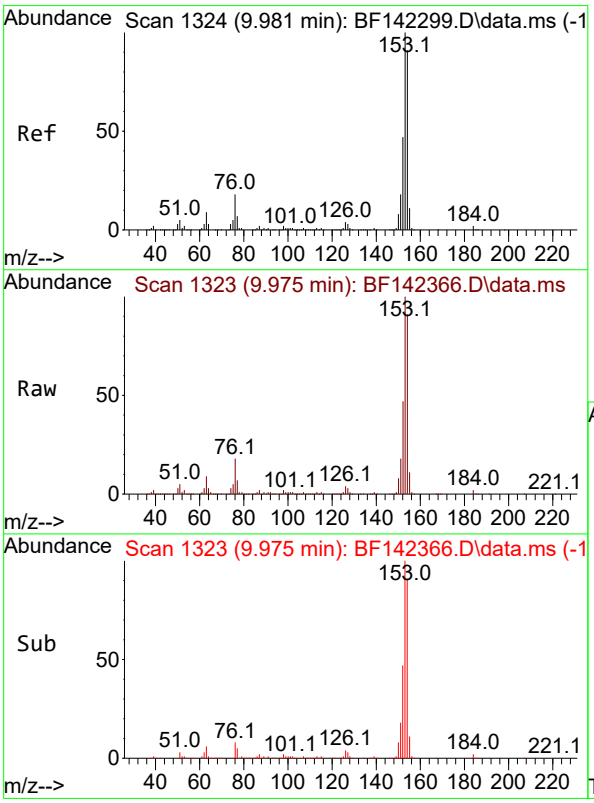
#51
2,6-Dinitrotoluene
Concen: 53.116 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:165 Resp: 236587

Ion	Ratio	Lower	Upper
165	100		
63	53.4	49.5	74.3
89	49.4	44.6	66.8

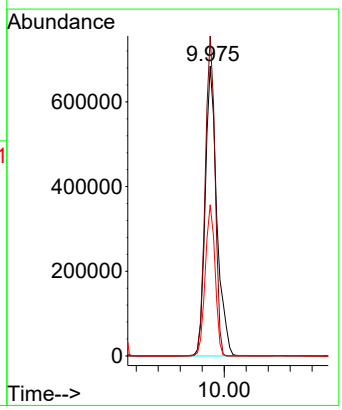


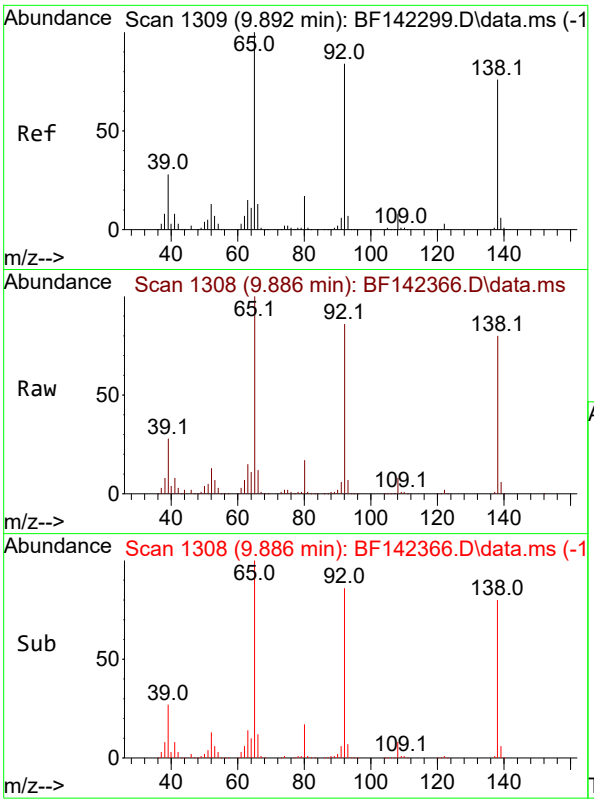


#52
Acenaphthene
Concen: 47.361 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:154 Resp: 1006646

Ion	Ratio	Lower	Upper
154	100		
153	110.4	88.0	132.0
152	52.2	41.6	62.4



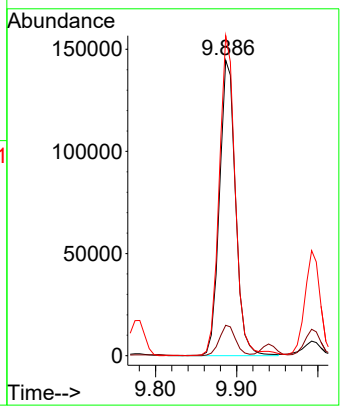


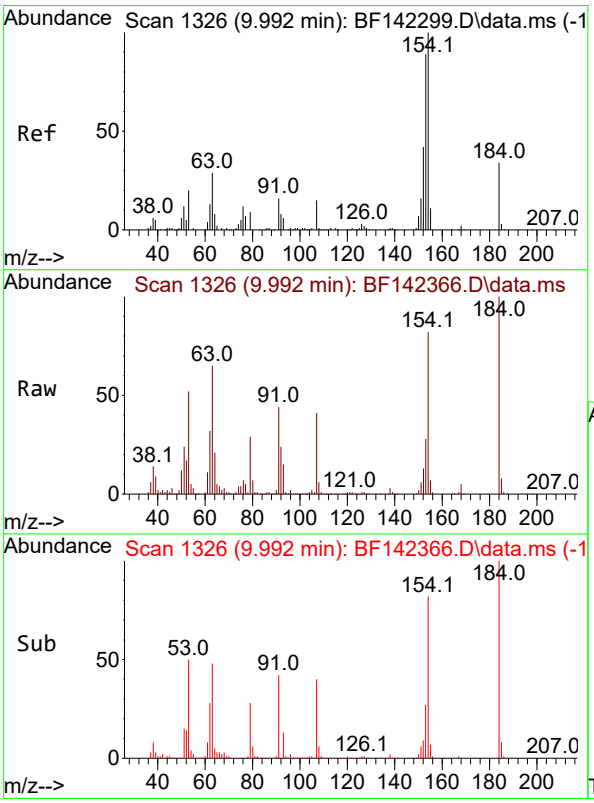
#53
3-Nitroaniline
Concen: 38.161 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:138 Resp: 199348

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.7	13.1
92	108.3	89.5	134.3

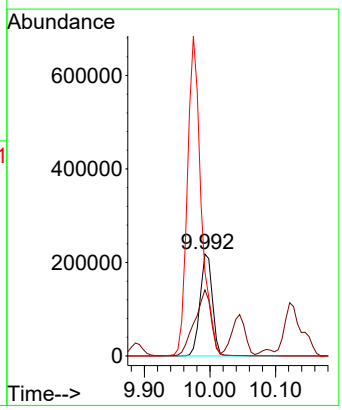


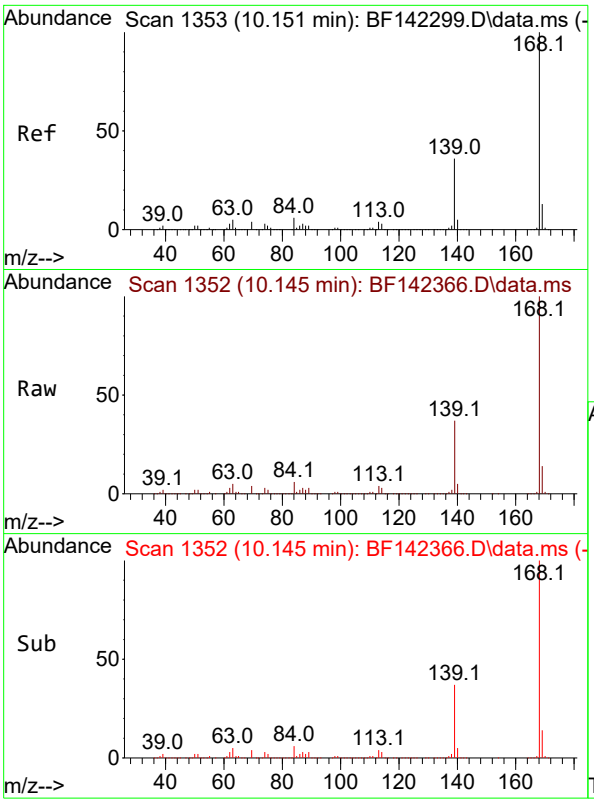


#54
2,4-Dinitrophenol
Concen: 119.014 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:184 Resp: 286965

Ion	Ratio	Lower	Upper
184	100		
63	64.8	70.6	105.8#
154	82.4	257.2	385.8#



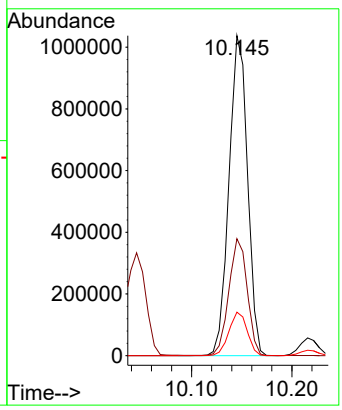


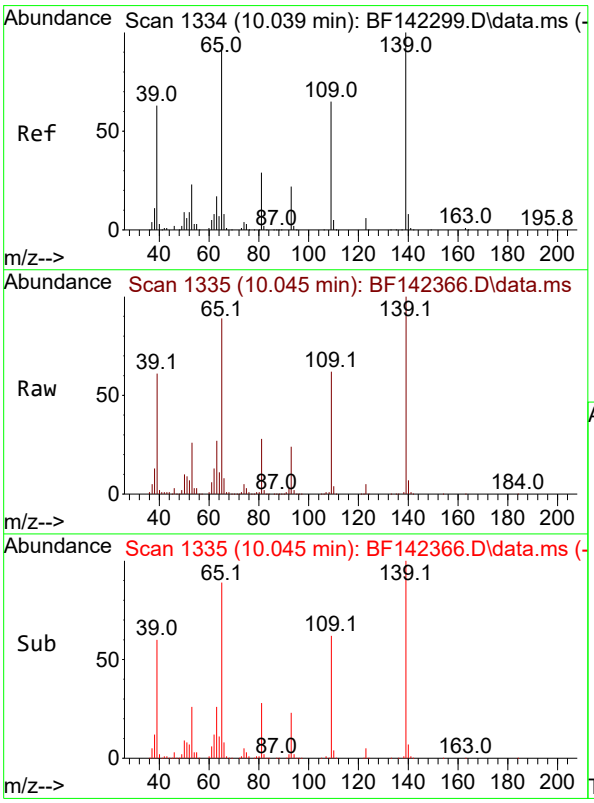
#55
Dibenzofuran
Concen: 42.476 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:168 Resp: 1332401

Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.0	43.4
169	13.6	10.7	16.1

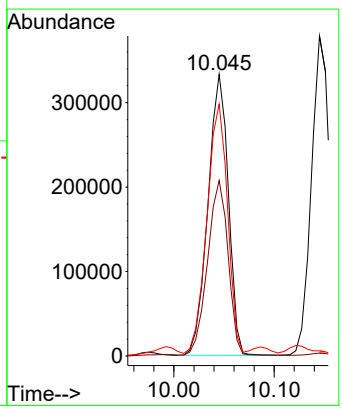


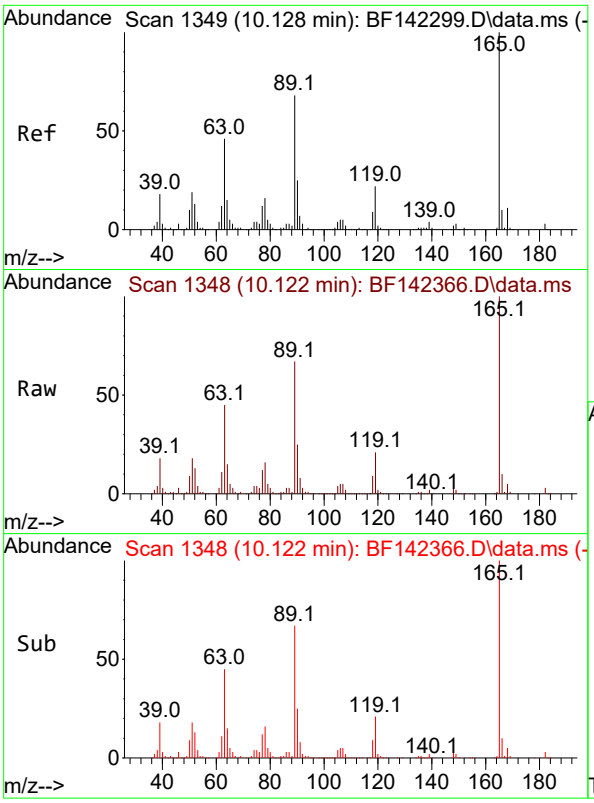


#56
4-Nitrophenol
Concen: 120.085 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:139 Resp: 472127

Ion	Ratio	Lower	Upper
139	100		
109	62.3	45.3	85.3
65	89.4	73.9	113.9



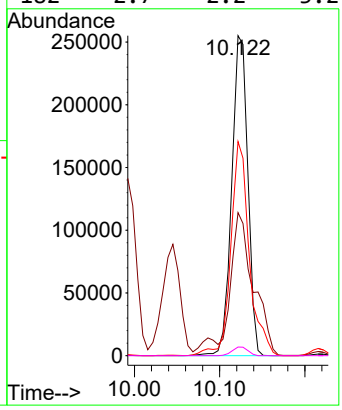


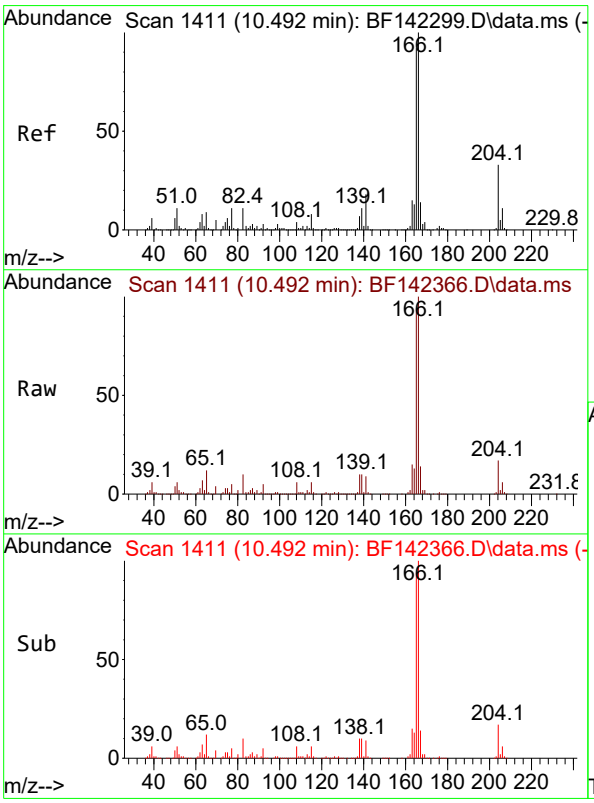
#57
2,4-Dinitrotoluene
Concen: 58.716 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:165 Resp: 335471

Ion	Ratio	Lower	Upper
165	100		
63	44.7	37.1	55.7
89	66.9	54.4	81.6
182	2.7	2.2	3.2

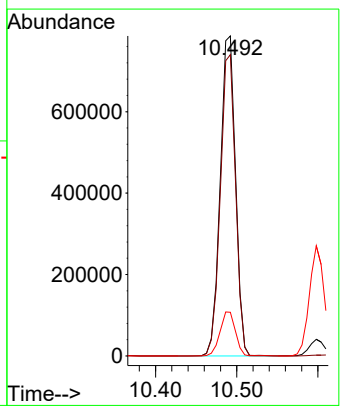


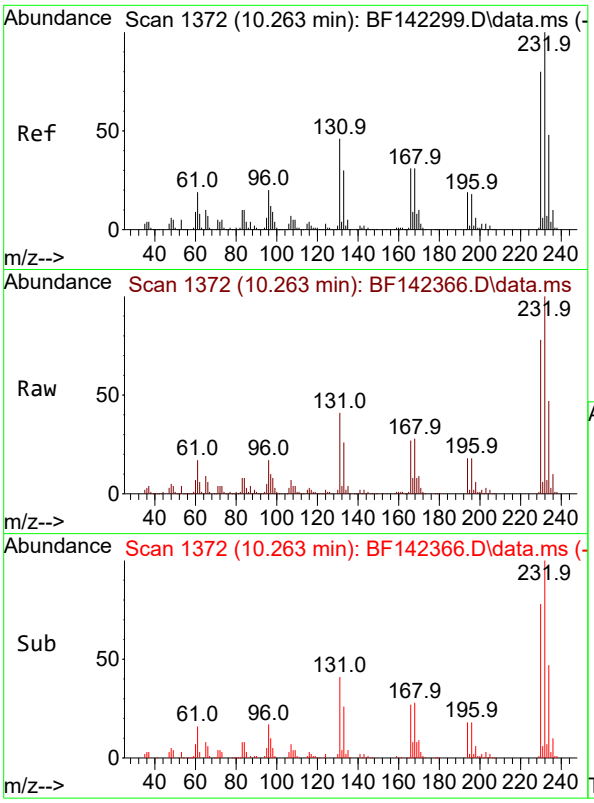


#58
Fluorene
Concen: 43.079 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:166 Resp: 1031269

Ion	Ratio	Lower	Upper
166	100		
165	94.2	74.0	111.0
167	13.7	10.9	16.3



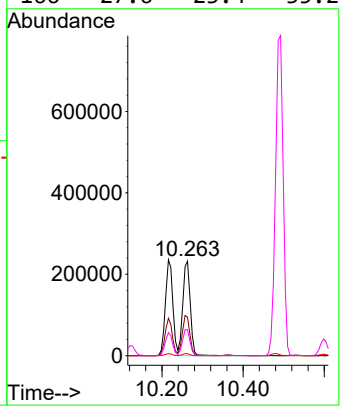


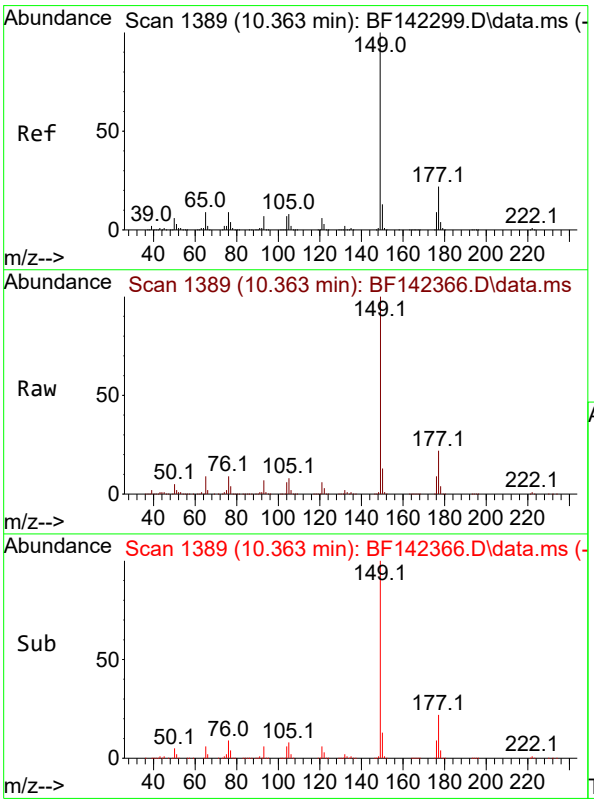
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.430 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:232 Resp: 294911

Ion	Ratio	Lower	Upper
232	100		
131	42.5	36.0	54.0
130	2.1	1.8	2.6
166	27.6	23.4	35.2

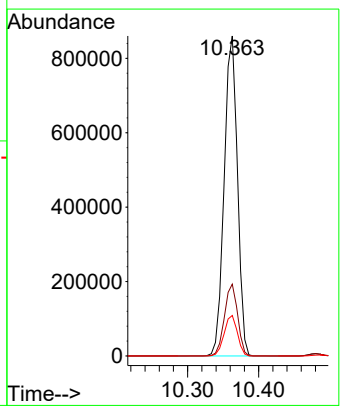


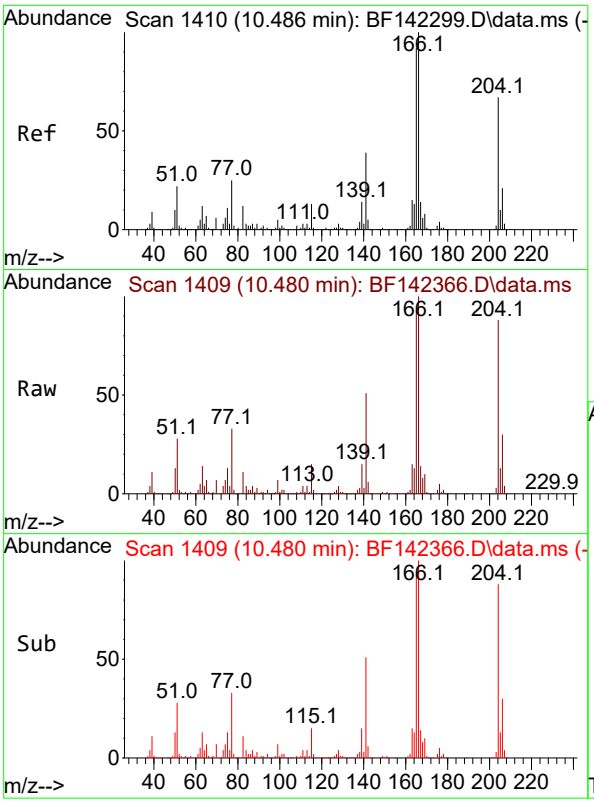


#60
Diethylphthalate
Concen: 46.787 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:149 Resp: 1111846

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.6	26.4
150	12.7	10.1	15.1



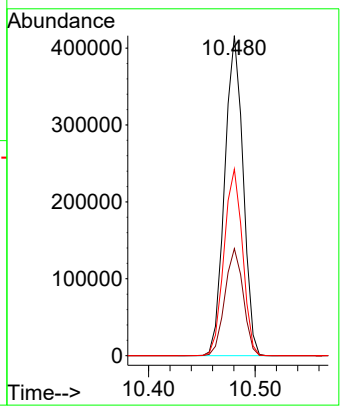


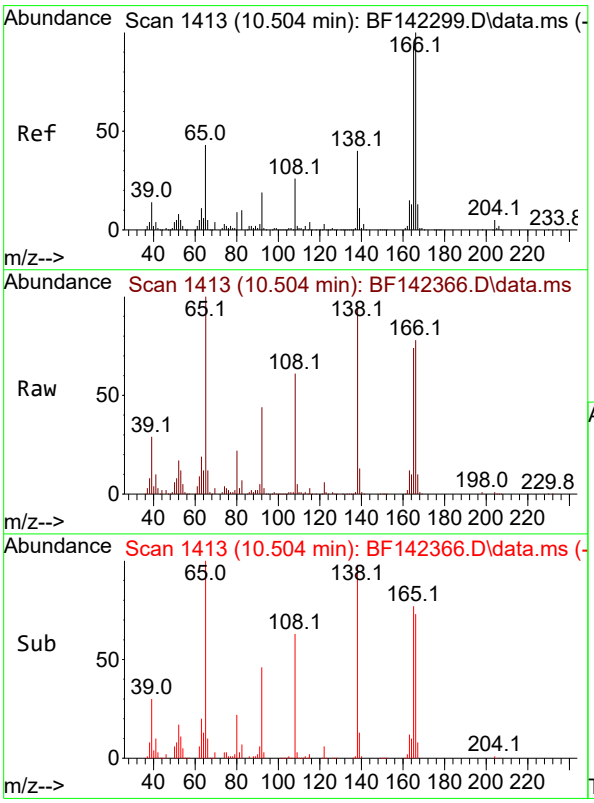
#61
4-Chlorophenyl-phenylether
Concen: 43.246 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:204 Resp: 499460

Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.5	38.3
141	58.3	46.4	69.6

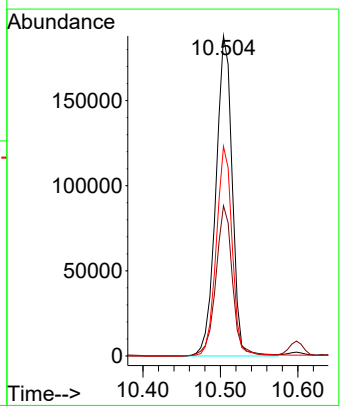


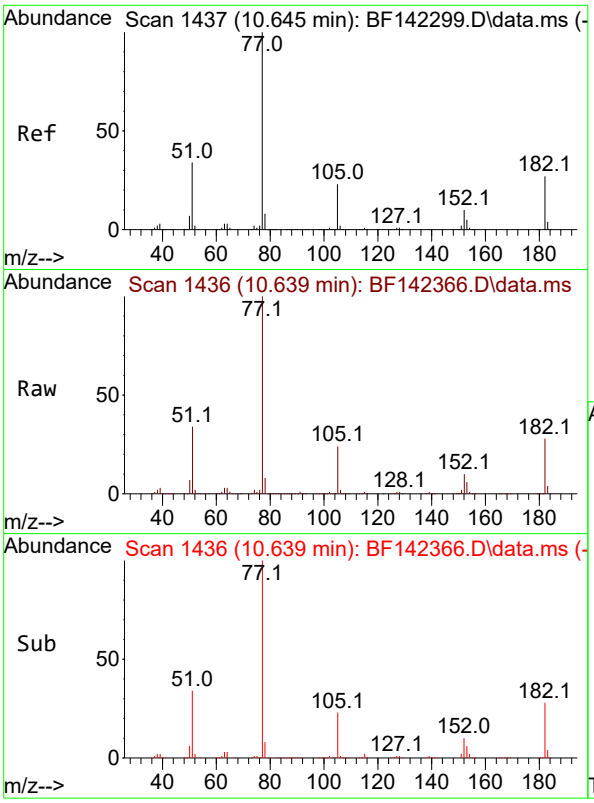


#62
4-Nitroaniline
Concen: 66.491 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:138 Resp: 275293

Ion	Ratio	Lower	Upper
138	100		
92	47.0	27.3	67.3
108	65.5	45.1	85.1



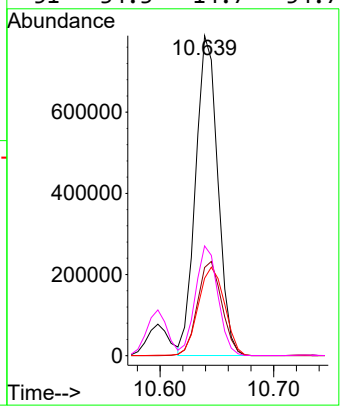


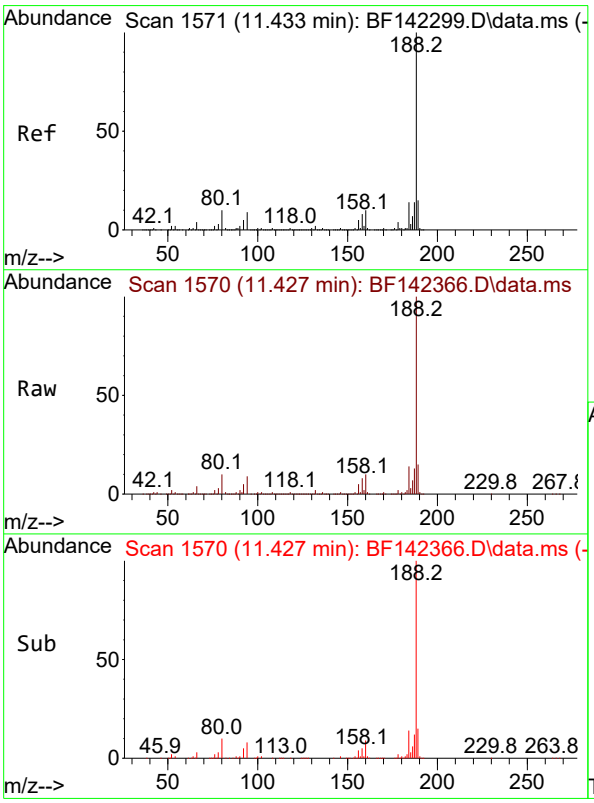
#63
Azobenzene
Concen: 47.008 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 77 Resp: 1067468

Ion	Ratio	Lower	Upper
77	100		
182	27.6	6.9	46.9
105	24.2	2.7	42.7
51	34.3	14.7	54.7

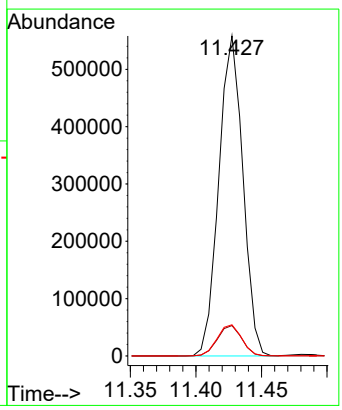


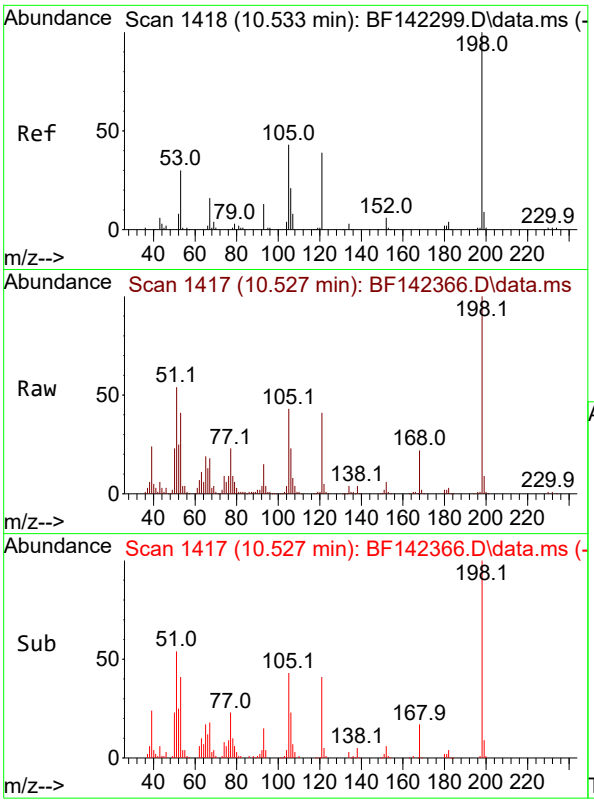


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:188 Resp: 711855

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	9.8	7.9	11.9



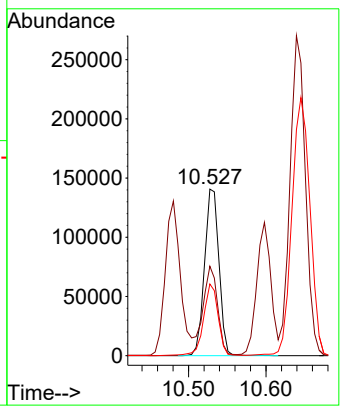


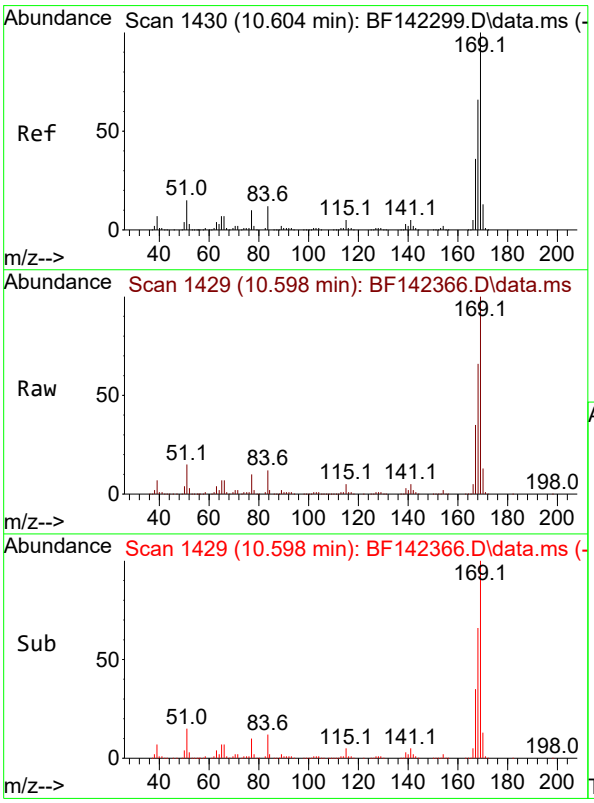
#65
4,6-Dinitro-2-methylphenol
Concen: 53.887 ng
RT: 10.527 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:198 Resp: 182251

Ion	Ratio	Lower	Upper
198	100		
51	53.8	32.9	72.9
105	43.0	23.7	63.7

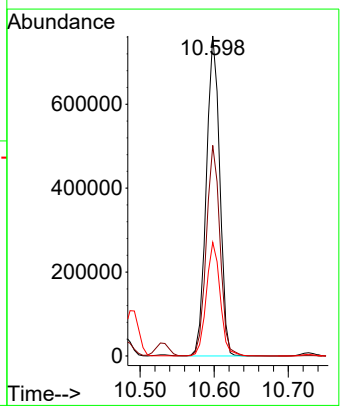


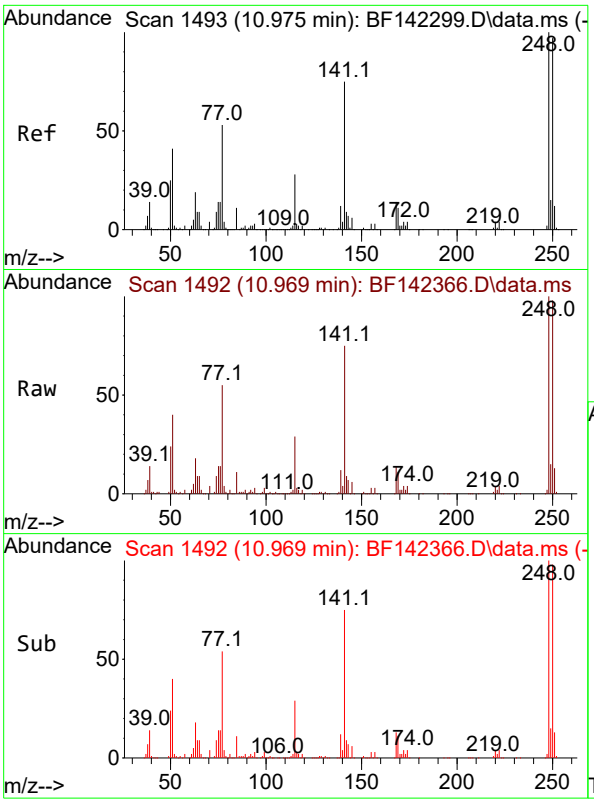


#66
n-Nitrosodiphenylamine
Concen: 40.411 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:169 Resp: 957255

Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.2	79.8
167	35.5	28.9	43.3



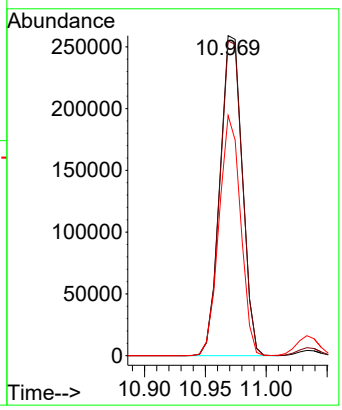


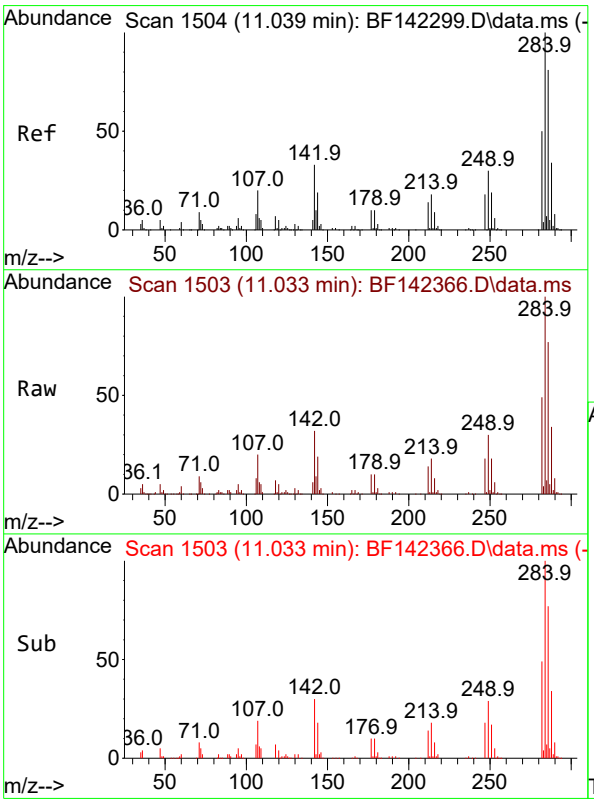
#67
4-Bromophenyl-phenylether
Concen: 41.185 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:248 Resp: 332268

Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.9	116.9
141	75.1	59.8	89.8

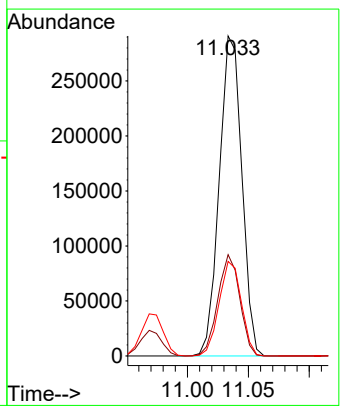


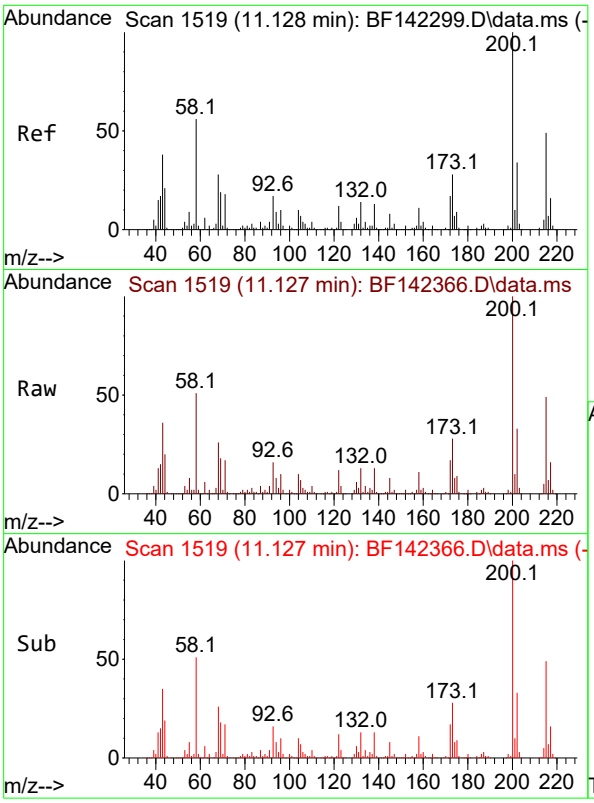


#68
Hexachlorobenzene
Concen: 42.302 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:284 Resp: 375399

Ion	Ratio	Lower	Upper
284	100		
142	31.7	26.6	39.8
249	29.5	24.1	36.1



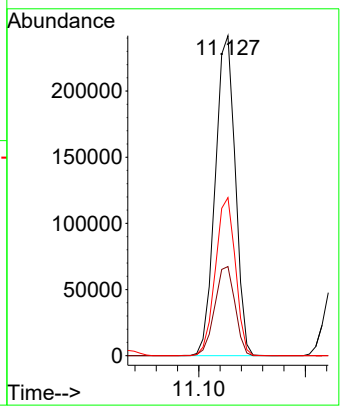


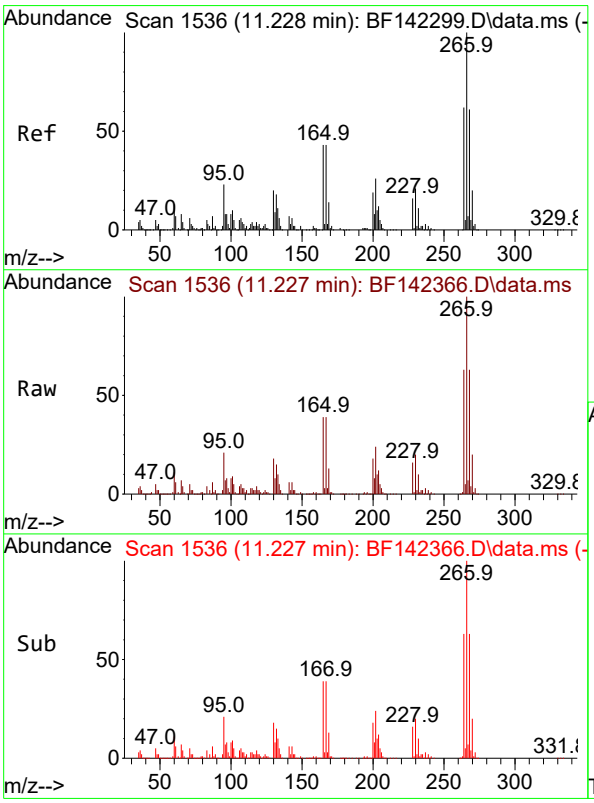
#69
Atrazine
Concen: 50.479 ng
RT: 11.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:200 Resp: 315199

Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.1	48.1
215	49.4	28.8	68.8

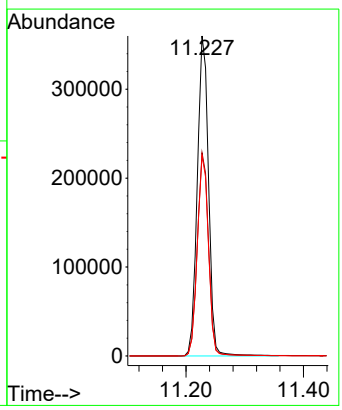


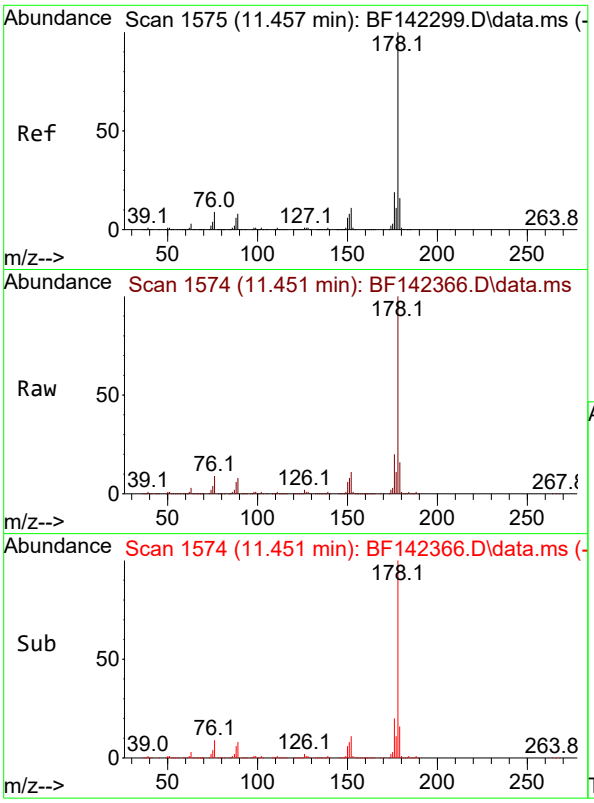


#70
Pentachlorophenol
Concen: 102.224 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:266 Resp: 477233

Ion	Ratio	Lower	Upper
266	100		
268	63.5	48.7	73.1
264	62.7	49.8	74.6



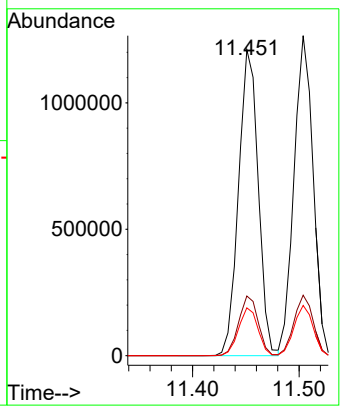


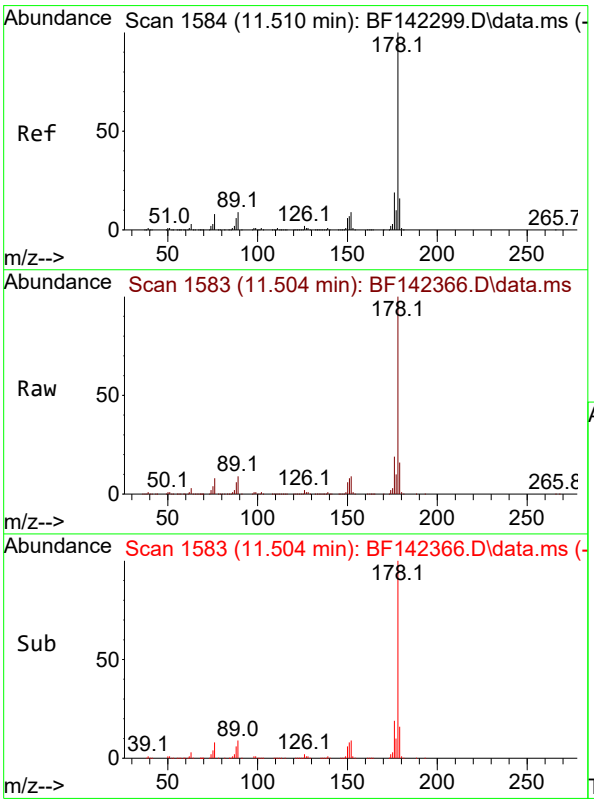
#71
Phenanthrene
Concen: 41.756 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:178 Resp: 1558066

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.6	12.6	18.8

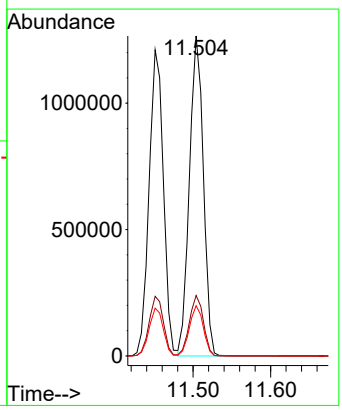


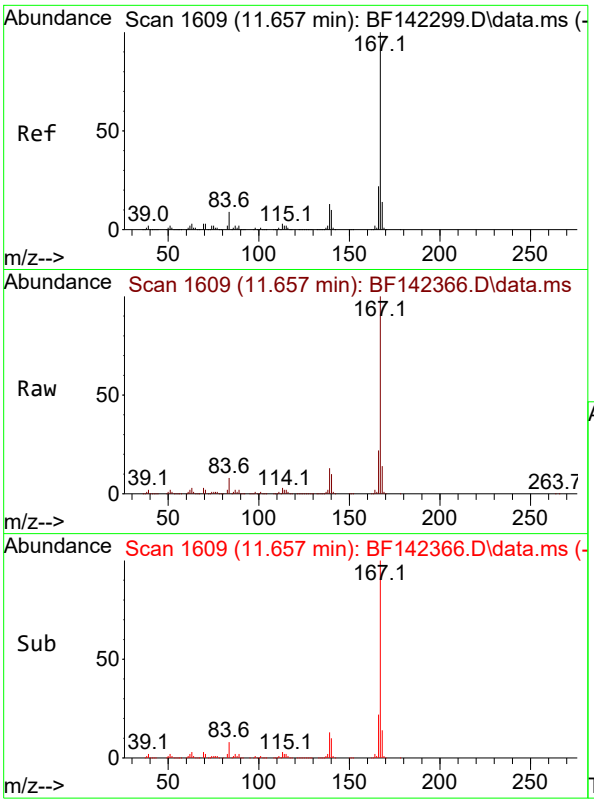


#72
Anthracene
Concen: 41.241 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:178 Resp: 1581175

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.7	12.6	18.8



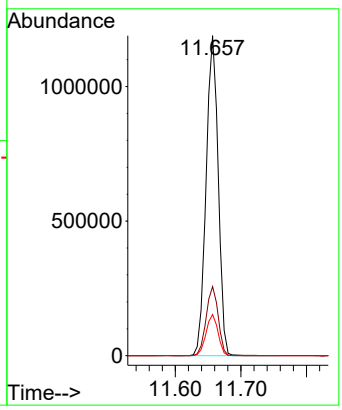


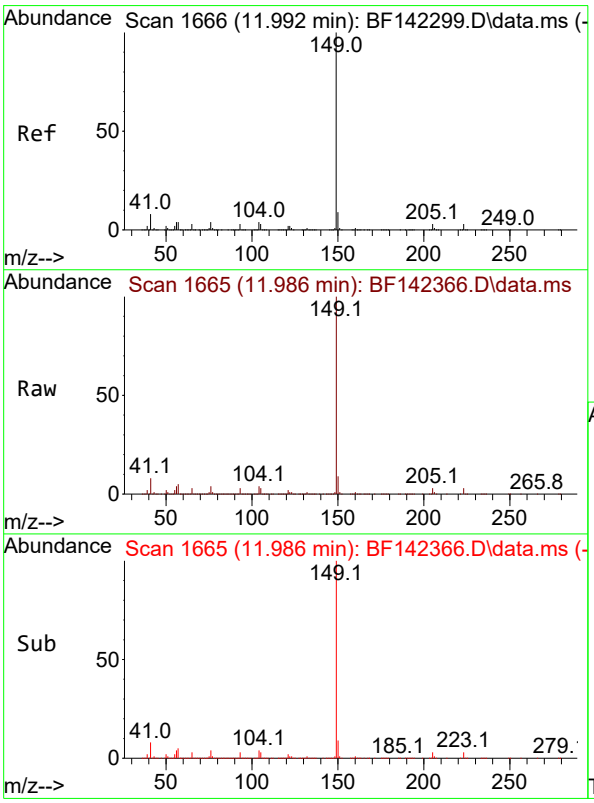
#73
Carbazole
Concen: 44.329 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:167 Resp: 1524800

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.8	10.3	15.5

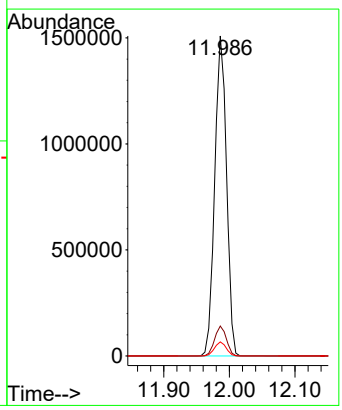


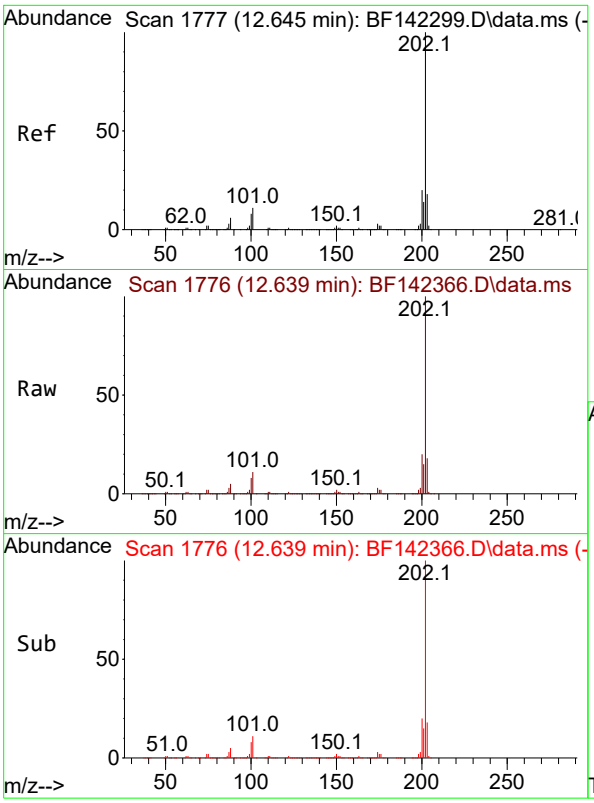


#74
Di-n-butylphthalate
Concen: 51.885 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:149 Resp: 1876651

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.4	3.6	5.4



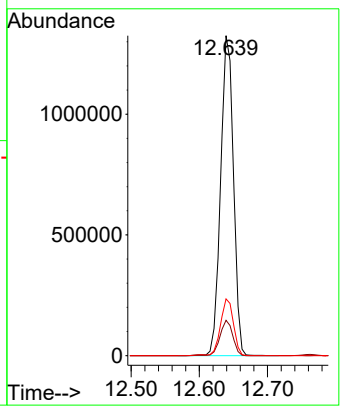


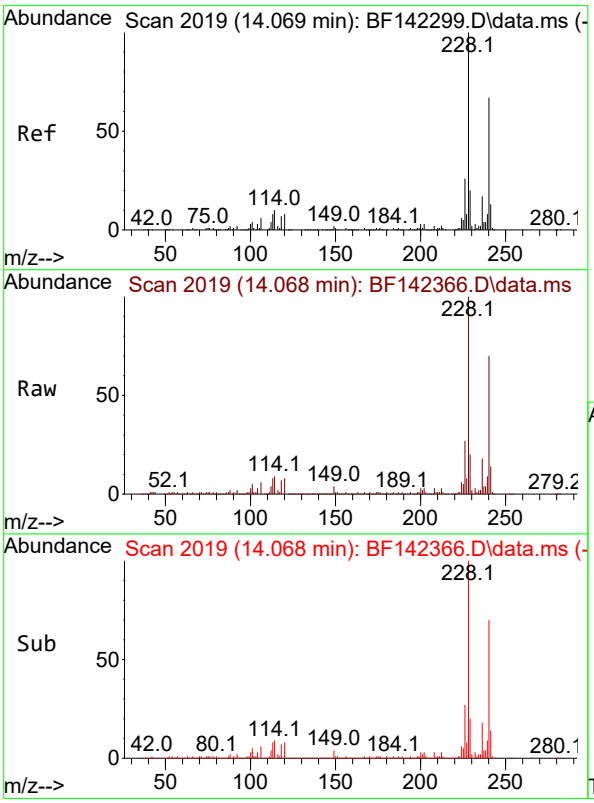
#75
Fluoranthene
Concen: 46.650 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:202 Resp: 1740035

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.4
203	17.8	0.0	37.9

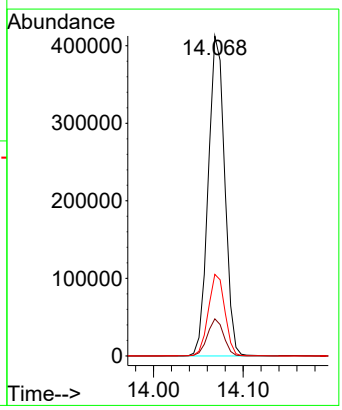


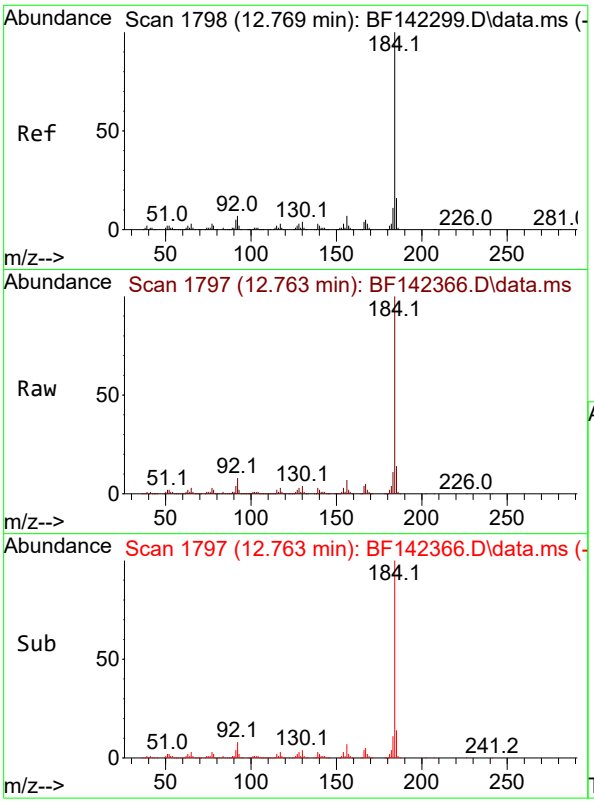


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:240 Resp: 525246

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.7	14.5
236	25.5	20.0	30.0



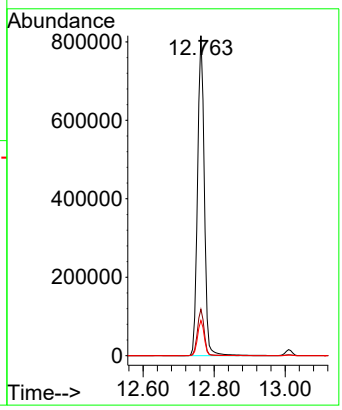


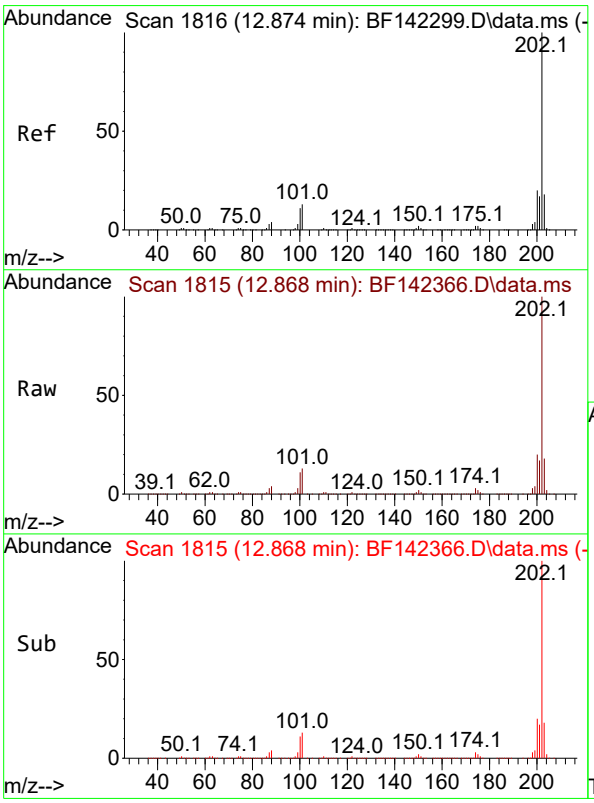
#77
Benzidine
Concen: 113.594 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:184 Resp: 1084279

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	11.0	8.6	12.8

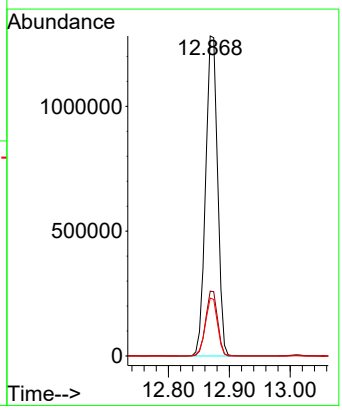


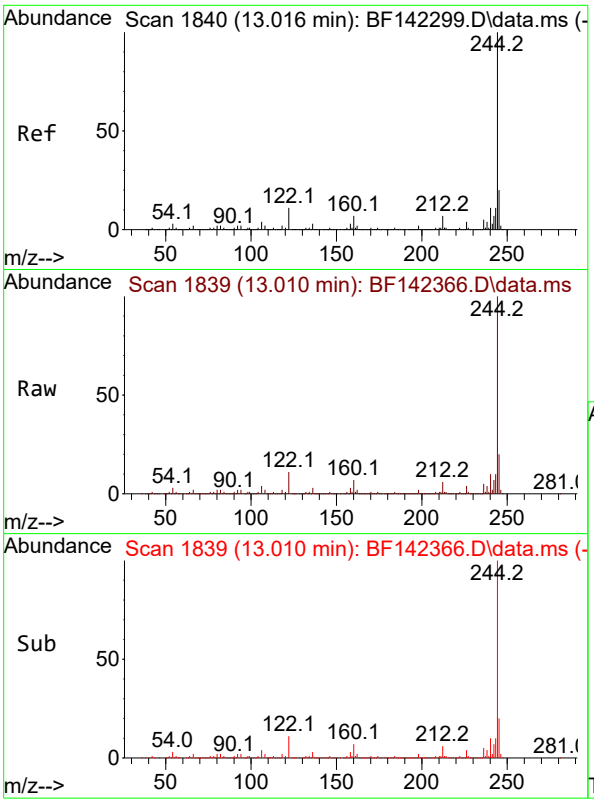


#78
Pyrene
Concen: 37.450 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:202 Resp: 1750839

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	18.1	14.3	21.5



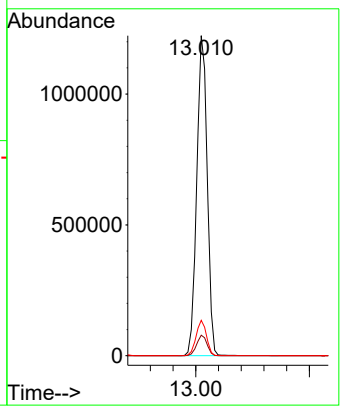


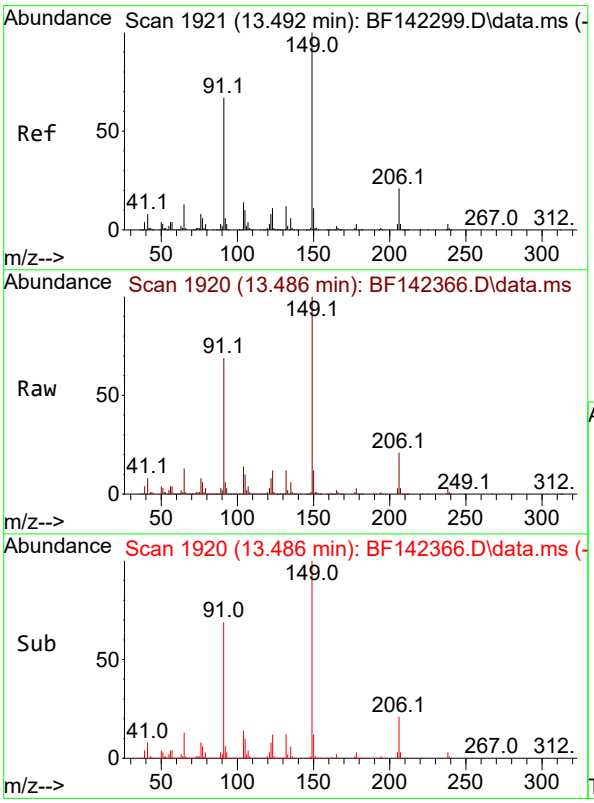
#79
Terphenyl-d14
Concen: 44.350 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:244 Resp: 1573866

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	11.0	9.0	13.4

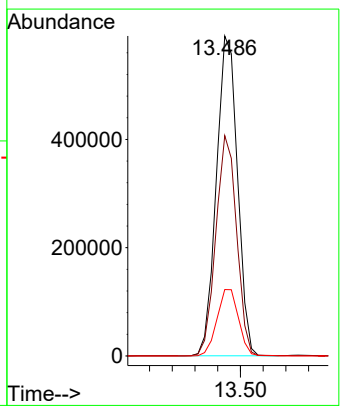


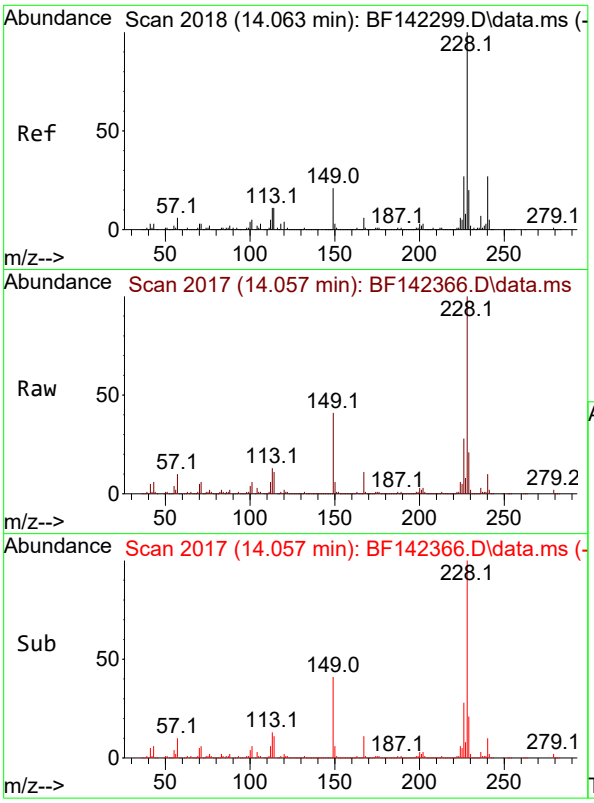


#80
Butylbenzylphthalate
Concen: 55.331 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:149 Resp: 763189

Ion	Ratio	Lower	Upper
149	100		
91	68.9	53.8	80.6
206	20.8	16.6	24.8



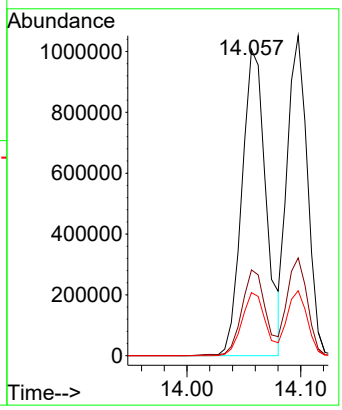


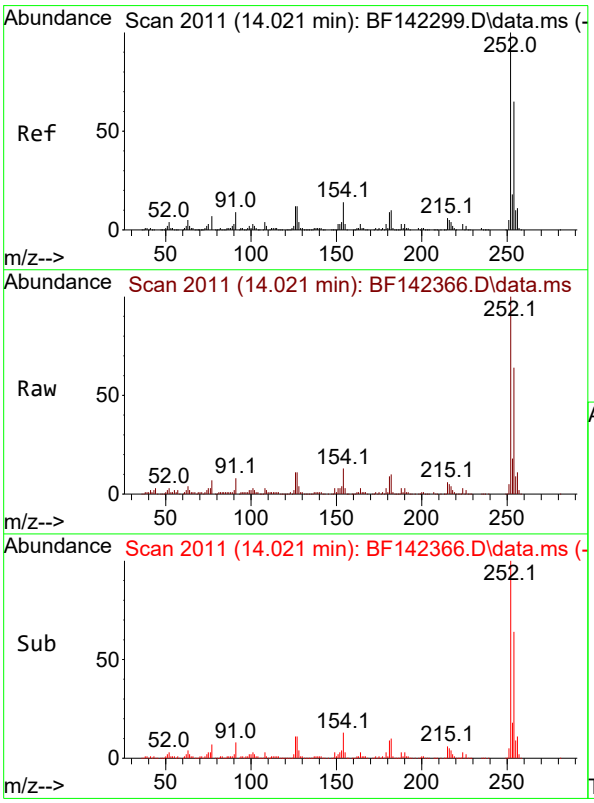
#81
Benzo(a)anthracene
Concen: 43.576 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:228 Resp: 1482251

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.5	32.3
229	20.6	15.9	23.9

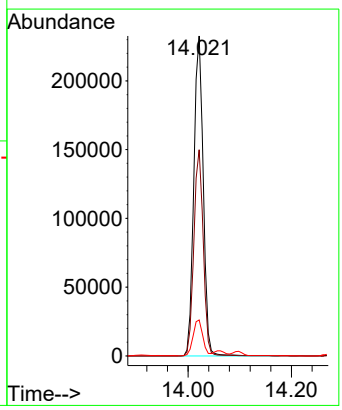


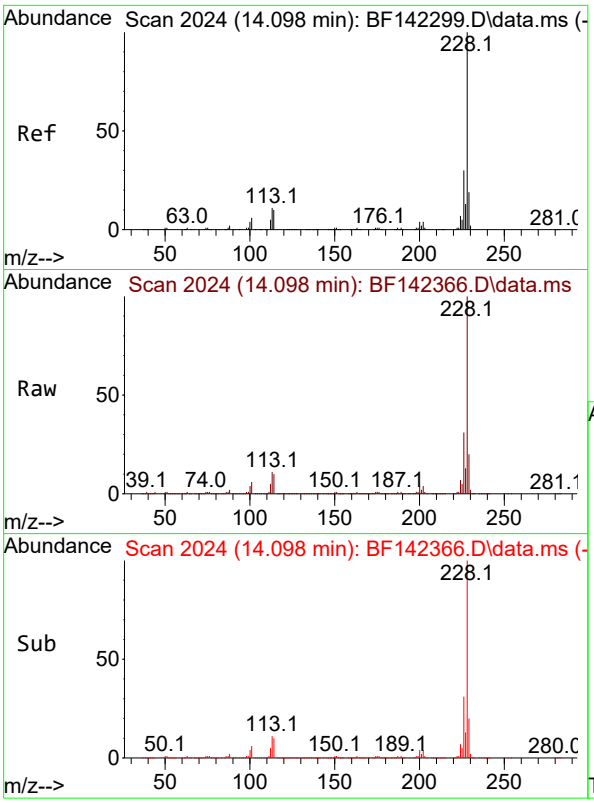


#82
3,3'-Dichlorobenzidine
Concen: 37.281 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:252 Resp: 294906

Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.0	78.0
126	11.3	9.7	14.5



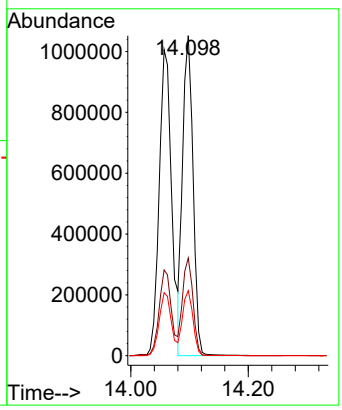


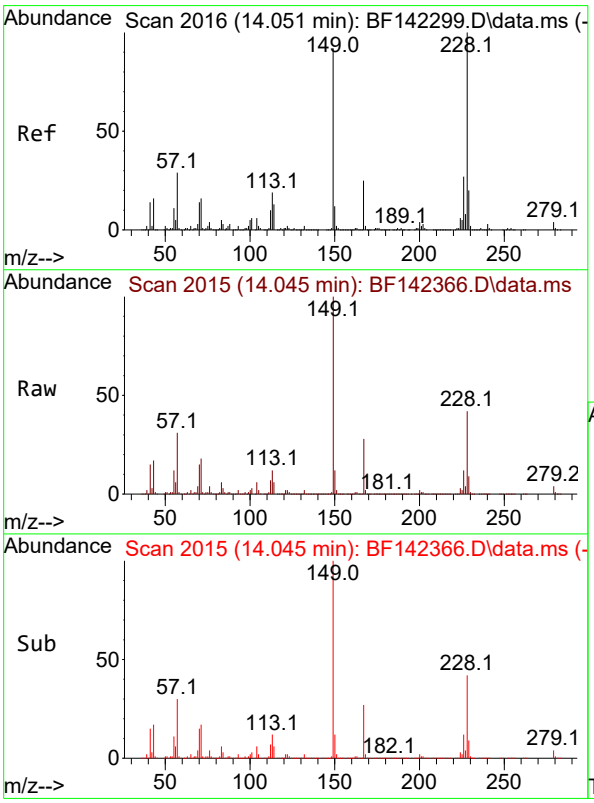
#83
Chrysene
Concen: 40.927 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:228 Resp: 1295990

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.9	35.9
229	20.3	15.4	23.2

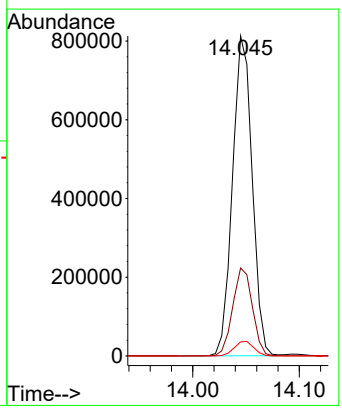


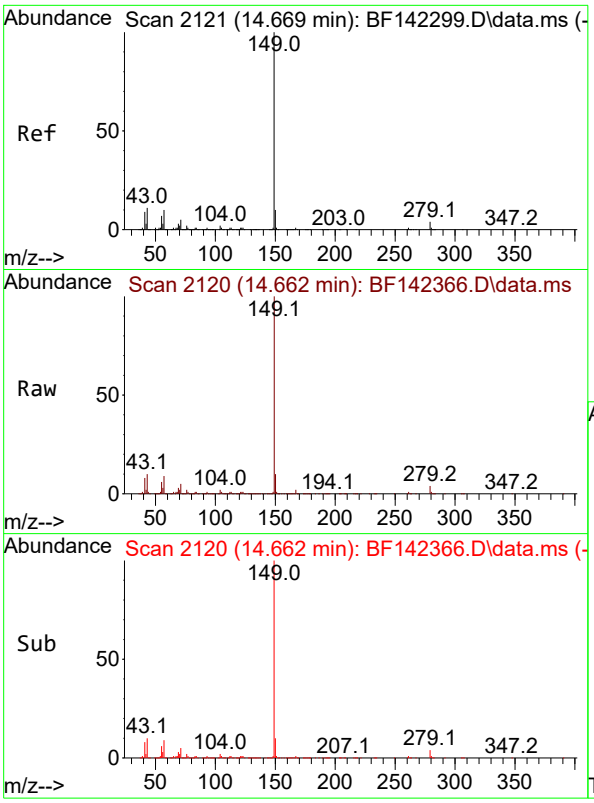


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.772 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:149 Resp: 1043286

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.0	33.0
279	4.4	3.0	4.6



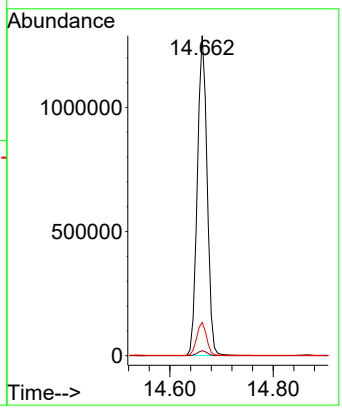


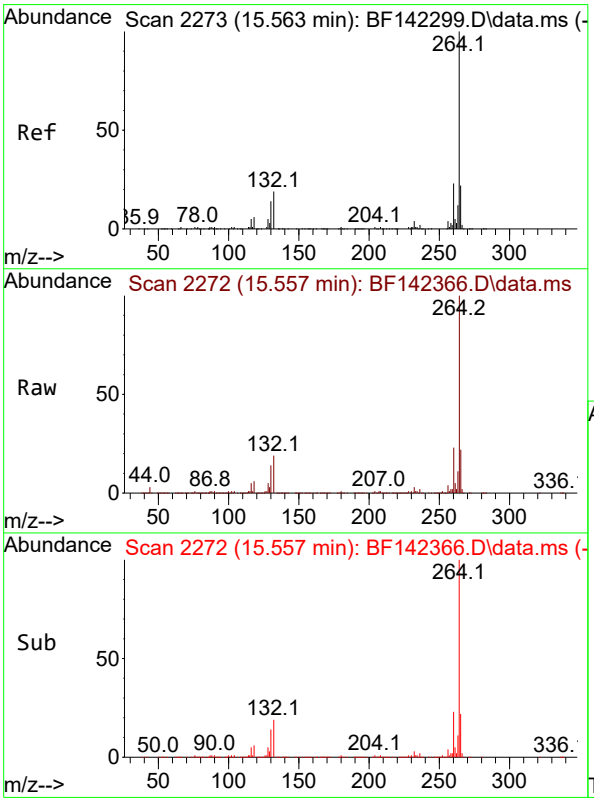
#85
Di-n-octyl phthalate
Concen: 51.966 ng
RT: 14.662 min Scan# 21
Delta R.T. -0.007 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:149 Resp: 1689536

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.4	9.2	13.8

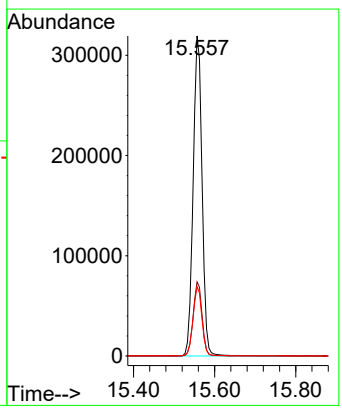


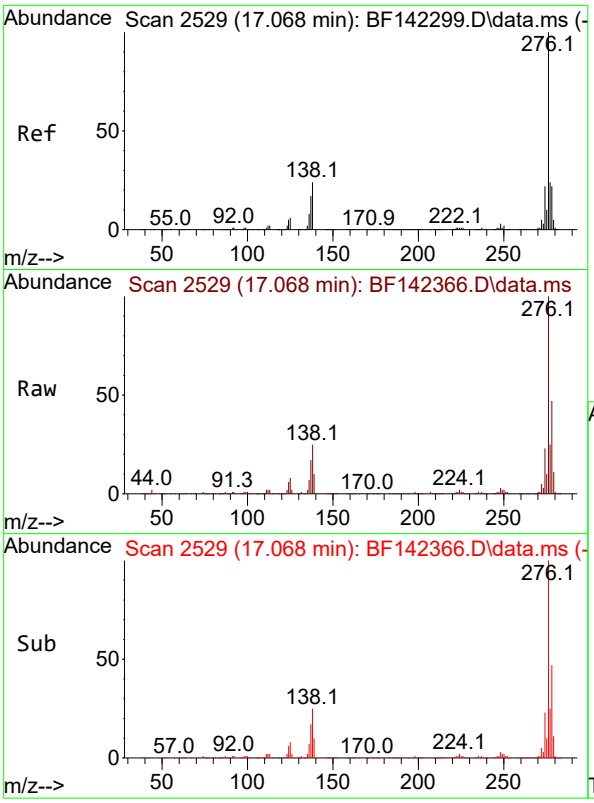


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:264 Resp: 490879

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.6	17.5	26.3



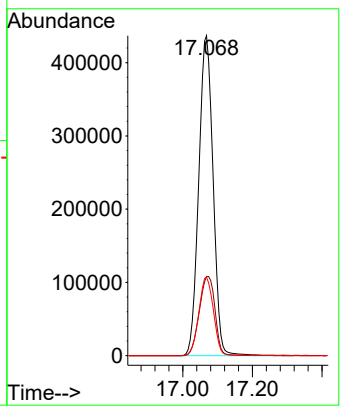


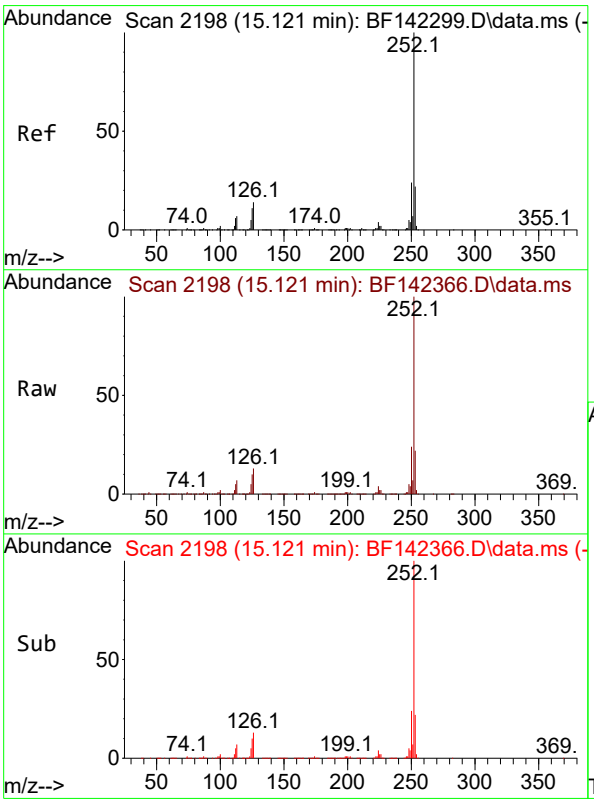
#87
Indeno(1,2,3-cd)pyrene
Concen: 36.645 ng
RT: 17.068 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:276 Resp: 1251333

Ion	Ratio	Lower	Upper
276	100		
138	27.2	22.0	33.0
277	25.1	20.1	30.1

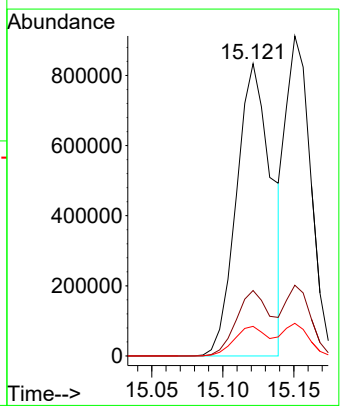


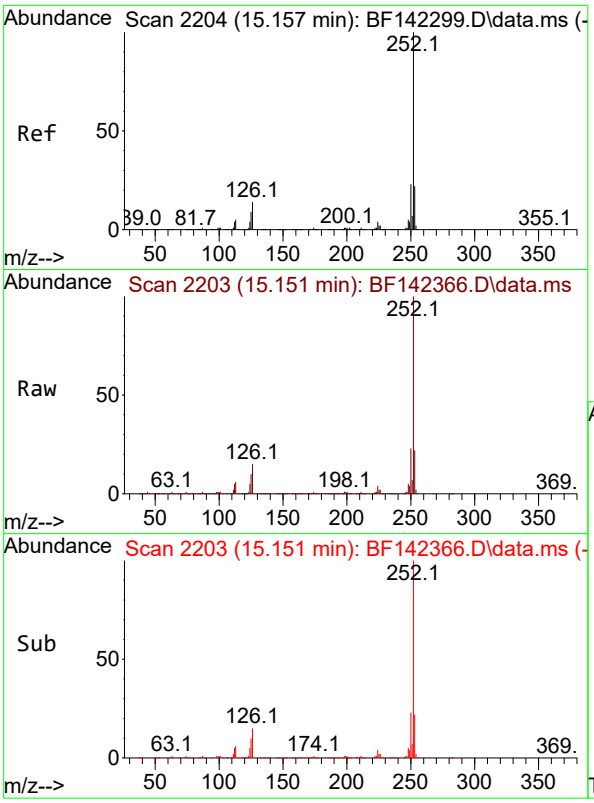


#88
Benzo(b)fluoranthene
Concen: 47.956 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:252 Resp: 1425761

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.1	8.7	13.1



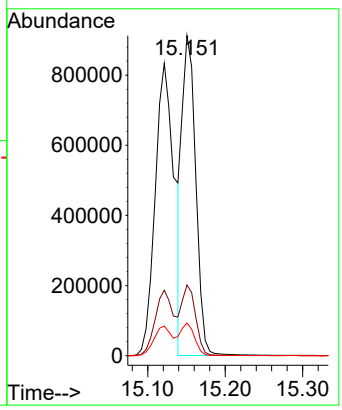


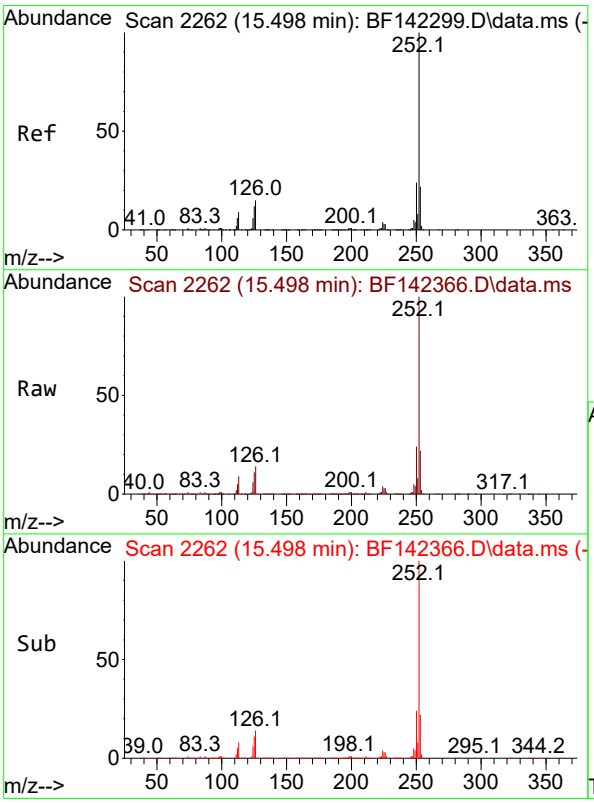
#89
Benzo(k)fluoranthene
Concen: 41.448 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:252 Resp: 1127681

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.2	8.1	12.1

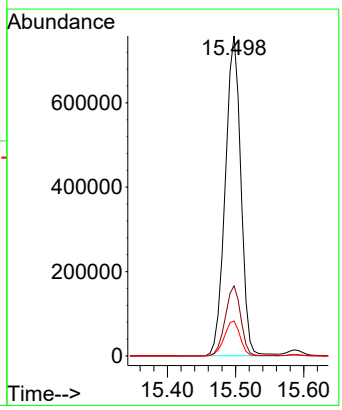


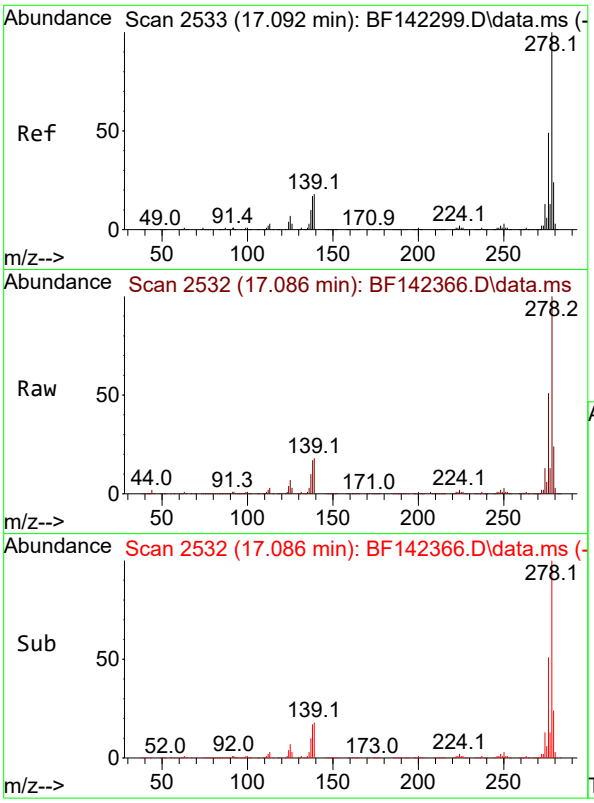


#90
Benzo(a)pyrene
Concen: 45.278 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:252 Resp: 1206289

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.9	9.4	14.0



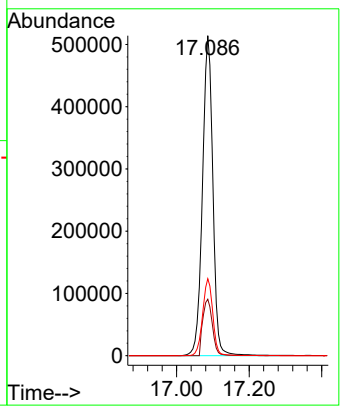


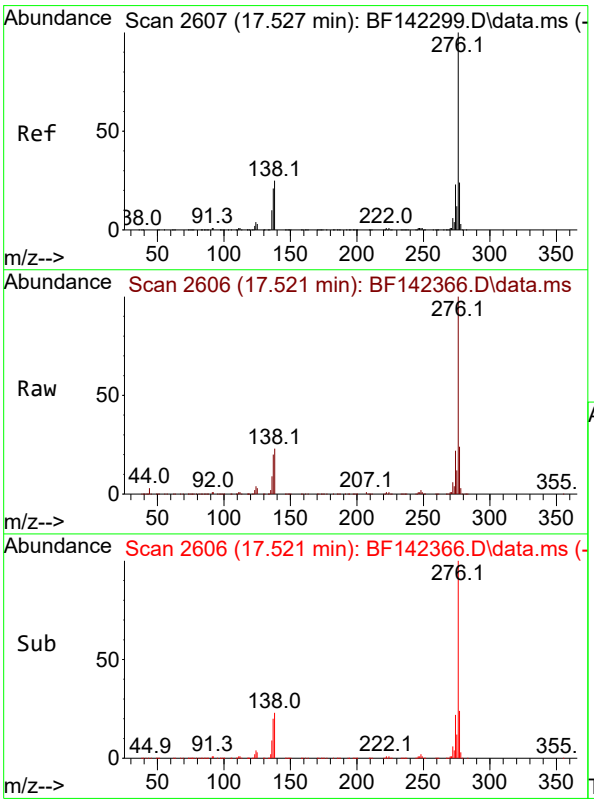
#91
Dibenzo(a,h)anthracene
Concen: 36.328 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:278 Resp: 1024841

Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.5	21.7
279	24.1	18.9	28.3

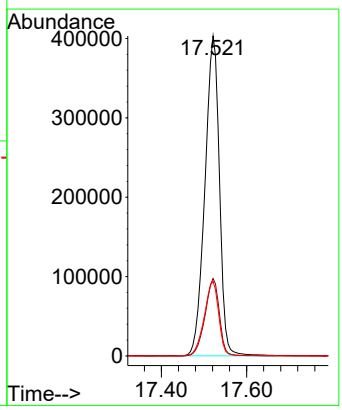




#92
Benzo(g,h,i)perylene
Concen: 34.043 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:276 Resp: 953165

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.6
138	23.3	19.8	29.6



Raw Data: **BP024638.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-13MS	SDG No.:	Q1982
Lab Sample ID:	Q2010-02MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.4
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024638.D	1	05/13/25 09:05	05/15/25 15:18	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1600		180	390	ug/Kg
108-95-2	Phenol	1800		26.1	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		28.7	200	ug/Kg
95-57-8	2-Chlorophenol	1800		28.9	200	ug/Kg
95-48-7	2-Methylphenol	1700		35.4	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		44.4	200	ug/Kg
98-86-2	Acetophenone	1600		34.9	200	ug/Kg
65794-96-9	3+4-Methylphenols	1600		48.6	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		56.1	94.6	ug/Kg
67-72-1	Hexachloroethane	1600		20.8	200	ug/Kg
98-95-3	Nitrobenzene	1800		21.6	200	ug/Kg
78-59-1	Isophorone	1700		38.8	200	ug/Kg
88-75-5	2-Nitrophenol	2000		68.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		76.6	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		36.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		33.5	200	ug/Kg
91-20-3	Naphthalene	1800		26.9	200	ug/Kg
106-47-8	4-Chloroaniline	1100		41.9	200	ug/Kg
87-68-3	Hexachlorobutadiene	1800		29.9	200	ug/Kg
105-60-2	Caprolactam	1900		61.6	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		33.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	1700		30.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4500	E	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		23.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		34.4	200	ug/Kg
92-52-4	1,1-Biphenyl	1800		25.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	1800		26.6	200	ug/Kg
88-74-4	2-Nitroaniline	1900		56.9	200	ug/Kg
131-11-3	Dimethylphthalate	1800		32.1	200	ug/Kg

Raw Data: **BP024638.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-13MS	SDG No.:	Q1982
Lab Sample ID:	Q2010-02MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.4
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024638.D	1	05/13/25 09:05	05/15/25 15:18	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1800		34.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		39.7	200	ug/Kg
99-09-2	3-Nitroaniline	1300		54.4	200	ug/Kg
83-32-9	Acenaphthene	1800		25.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	3800	E	270	390	ug/Kg
100-02-7	4-Nitrophenol	3800	E	130	390	ug/Kg
132-64-9	Dibenzofuran	1800		26.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		59.3	200	ug/Kg
84-66-2	Diethylphthalate	1800		33.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		31.6	200	ug/Kg
86-73-7	Fluorene	1800		29.9	200	ug/Kg
100-01-6	4-Nitroaniline	2000		75.9	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000		120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		38.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		32.9	200	ug/Kg
118-74-1	Hexachlorobenzene	1800		29.9	200	ug/Kg
1912-24-9	Atrazine	1900		40.2	200	ug/Kg
87-86-5	Pentachlorophenol	4300	E	60.7	390	ug/Kg
85-01-8	Phenanthrene	1800		24.7	200	ug/Kg
120-12-7	Anthracene	1800		39.4	200	ug/Kg
86-74-8	Carbazole	1900		36.9	200	ug/Kg
84-74-2	Di-n-butylphthalate	1900		56.7	200	ug/Kg
206-44-0	Fluoranthene	1800		35.5	200	ug/Kg
129-00-0	Pyrene	1900		42.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	2000		84.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		43.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	1800		27.2	200	ug/Kg
218-01-9	Chrysene	1800		23.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		70.0	200	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		22.5	200	ug/Kg

Raw Data: **BP024638.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-13MS	SDG No.:	Q1982
Lab Sample ID:	Q2010-02MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.4
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024638.D	1	05/13/25 09:05	05/15/25 15:18	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1800		26.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	1900		34.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		34.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		32.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		30.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		30.3	200	ug/Kg
123-91-1	1,4-Dioxane	1500		53.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		32.4	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	88.5		18 - 112	59%	SPK: 150
13127-88-3	Phenol-d6	85.6		15 - 107	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	50.9		18 - 107	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.9		20 - 109	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	87.7		10 - 116	58%	SPK: 150
1718-51-0	Terphenyl-d14	48.7		10 - 105	49%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	166000	7.658			
1146-65-2	Naphthalene-d8	634000	10.428			
15067-26-2	Acenaphthene-d10	379000	14.298			
1517-22-2	Phenanthrene-d10	753000	17.098			
1719-03-5	Chrysene-d12	843000	21.527			
1520-96-3	Perylene-d12	953000	24.798			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024638.D
Acq On : 15 May 2025 15:18
Operator : RC/JU
Sample : Q2010-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Quant Time: May 15 15:48:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	165529	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	634360	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	378565	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	753325	20.000	ng	0.00
76) Chrysene-d12	21.527	240	842505	20.000	ng	0.00
86) Perylene-d12	24.798	264	953147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	856774	88.528	ng	0.00
7) Phenol-d6	6.852	99	1057784	85.639	ng	0.00
23) Nitrobenzene-d5	8.810	82	638968	50.893	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	562674	87.674	ng	0.00
45) 2-Fluorobiphenyl	12.899	172	1470035	50.874	ng	0.00
79) Terphenyl-d14	19.816	244	2392705	48.697	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	169804	37.365	ng	99
3) Pyridine	3.623	79	411638	40.850	ng	99
4) n-Nitrosodimethylamine	3.534	42	193142	43.416	ng	97
6) Aniline	6.999	93	561977	35.240	ng	100
8) 2-Chlorophenol	7.234	128	509228	46.350	ng	99
9) Benzaldehyde	6.816	77	316969	39.642	ng	99
10) Phenol	6.881	94	593400	46.547	ng	100
11) bis(2-Chloroethyl)ether	7.093	93	436677	41.686	ng	99
12) 1,3-Dichlorobenzene	7.552	146	547308	43.299	ng	98
13) 1,4-Dichlorobenzene	7.693	146	552518	43.461	ng	99
14) 1,2-Dichlorobenzene	8.005	146	528682	42.677	ng	99
15) Benzyl Alcohol	7.905	79	419911	44.736	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	507352	40.442	ng	99
17) 2-Methylphenol	8.111	107	404526	44.241	ng	98
18) Hexachloroethane	8.722	117	197785	40.599	ng	98
19) n-Nitroso-di-n-propyla...	8.463	70	296270	34.675	ng	97
20) 3+4-Methylphenols	8.434	107	498876	40.109	ng	100
22) Acetophenone	8.475	105	654869	41.327	ng	98
24) Nitrobenzene	8.852	77	501541	45.394	ng	96
25) Isophorone	9.375	82	937975	43.069	ng	99
26) 2-Nitrophenol	9.557	139	270894	50.036	ng	99
27) 2,4-Dimethylphenol	9.622	122	450968	47.245	ng	99
28) bis(2-Chloroethoxy)met...	9.852	93	571836	43.950	ng	99
29) 2,4-Dichlorophenol	10.087	162	448301	48.465	ng	97
30) 1,2,4-Trichlorobenzene	10.299	180	474967	45.566	ng	98
31) Naphthalene	10.481	128	1469571	44.704	ng	100
32) Benzoic acid	9.793	122	336377	50.212	ng	98
33) 4-Chloroaniline	10.599	127	373803	28.179	ng	98
34) Hexachlorobutadiene	10.763	225	309121	45.778	ng	96
35) Caprolactam	11.387	113	157614	47.096	ng	99
36) 4-Chloro-3-methylphenol	11.734	107	516210	45.762	ng	99
37) 2-Methylnaphthalene	12.093	142	926779	43.540	ng	99
38) 1-Methylnaphthalene	12.310	142	972826	42.714	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	524927	47.751	ng	99
41) Hexachlorocyclopentadiene	12.446	237	756205	113.445	ng	96
43) 2,4,6-Trichlorophenol	12.716	196	368341	51.731	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024638.D
Acq On : 15 May 2025 15:18
Operator : RC/JU
Sample : Q2010-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Quant Time: May 15 15:48:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

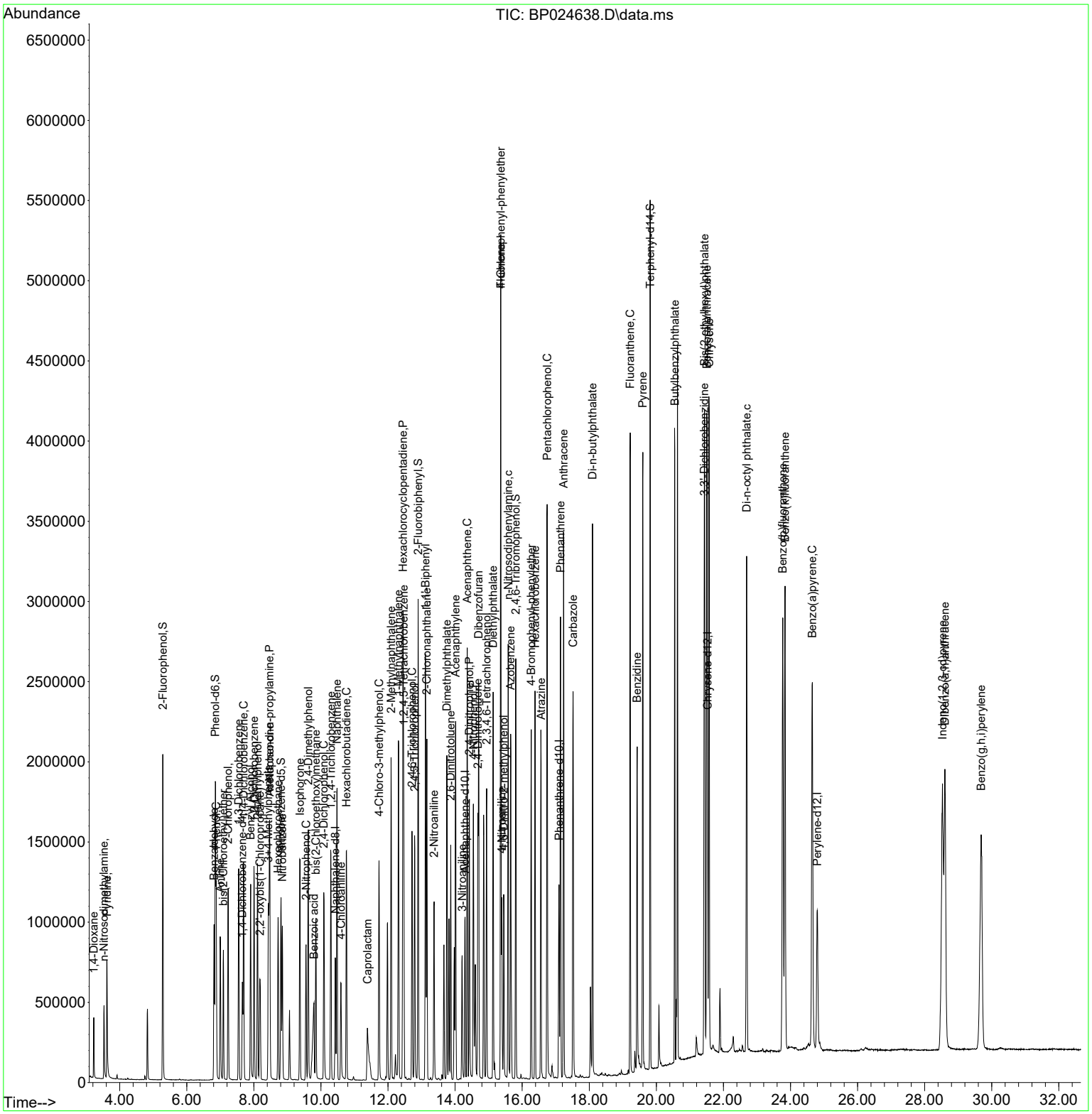
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	403367	50.893	ng	98
46) 1,1'-Biphenyl	13.116	154	1301925	46.530	ng	100
47) 2-Chloronaphthalene	13.157	162	993000	46.545	ng	99
48) 2-Nitroaniline	13.375	65	311778	49.362	ng	97
49) Acenaphthylene	14.016	152	1622957	45.458	ng	99
50) Dimethylphthalate	13.757	163	1296579	44.935	ng	100
51) 2,6-Dinitrotoluene	13.869	165	284162	46.631	ng	98
52) Acenaphthene	14.363	154	929691	45.296	ng	99
53) 3-Nitroaniline	14.210	138	212436	34.141	ng	99
54) 2,4-Dinitrophenol	14.428	184	374950	96.168	ng	97
55) Dibenzofuran	14.704	168	1491506	45.559	ng	98
56) 4-Nitrophenol	14.545	139	528415	97.134	ng	99
57) 2,4-Dinitrotoluene	14.681	165	411100	47.851	ng	98
58) Fluorene	15.363	166	1230074	46.080	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.940	232	358164	48.714	ng	99
60) Diethylphthalate	15.134	149	1329786	45.598	ng	99
61) 4-Chlorophenyl-phenyle...	15.363	204	608237	45.689	ng	99
62) 4-Nitroaniline	15.392	138	301420	50.169	ng	98
63) Azobenzene	15.657	77	1250868	50.138	ng	99
65) 4,6-Dinitro-2-methylph...	15.451	198	242947	49.928	ng	98
66) n-Nitrosodiphenylamine	15.581	169	1074572	46.440	ng	100
67) 4-Bromophenyl-phenylether	16.269	248	414519	46.697	ng	98
68) Hexachlorobenzene	16.387	284	510643	45.271	ng	98
69) Atrazine	16.563	200	406566	47.945	ng	99
70) Pentachlorophenol	16.745	266	695823	109.894	ng	99
71) Phenanthrene	17.145	178	1893808	45.222	ng	100
72) Anthracene	17.234	178	1971542	46.792	ng	99
73) Carbazole	17.516	167	1837012	48.170	ng	99
74) Di-n-butylphthalate	18.098	149	2364678	48.214	ng	99
75) Fluoranthene	19.222	202	2288323	46.745	ng	99
77) Benzidine	19.428	184	1224992	53.385	ng	100
78) Pyrene	19.598	202	2380843	47.163	ng	100
80) Butylbenzylphthalate	20.551	149	1148313	51.148	ng	93
81) Benzo(a)anthracene	21.504	228	2459103	46.484	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	645946	32.874	ng	99
83) Chrysene	21.575	228	2300052	45.864	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1659519	50.290	ng	100
85) Di-n-octyl phthalate	22.692	149	2851767	52.847	ng	99
87) Indeno(1,2,3-cd)pyrene	28.533	276	3290454	47.287	ng	98
88) Benzo(b)fluoranthene	23.769	252	2609378	47.829	ng	100
89) Benzo(k)fluoranthene	23.839	252	2568026	45.681	ng	99
90) Benzo(a)pyrene	24.651	252	2461650	46.981	ng	99
91) Dibenzo(a,h)anthracene	28.604	278	2694828	47.603	ng	98
92) Benzo(g,h,i)perylene	29.686	276	2668855	47.408	ng	99

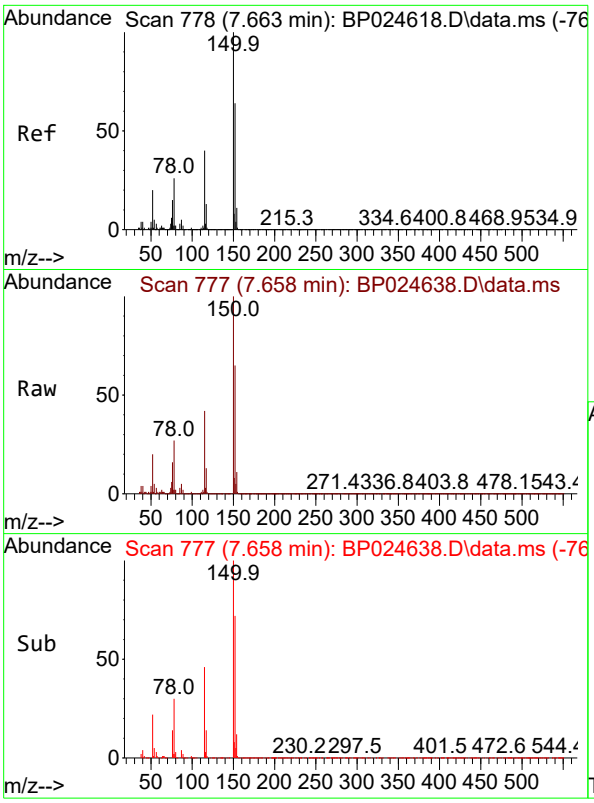
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024638.D
Acq On : 15 May 2025 15:18
Operator : RC/JU
Sample : Q2010-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Quant Time: May 15 15:48:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



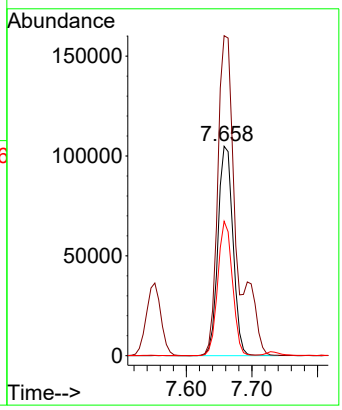


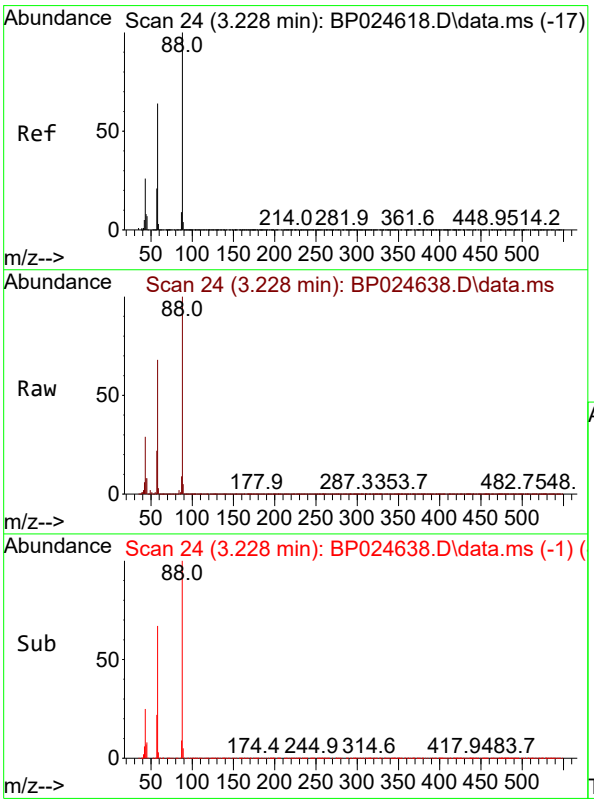
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 7
Delta R.T. -0.005 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:152 Resp: 165529

Ion	Ratio	Lower	Upper
152	100		
150	152.8	125.9	188.9
115	64.2	50.1	75.1

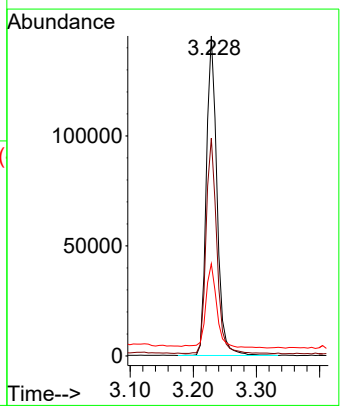


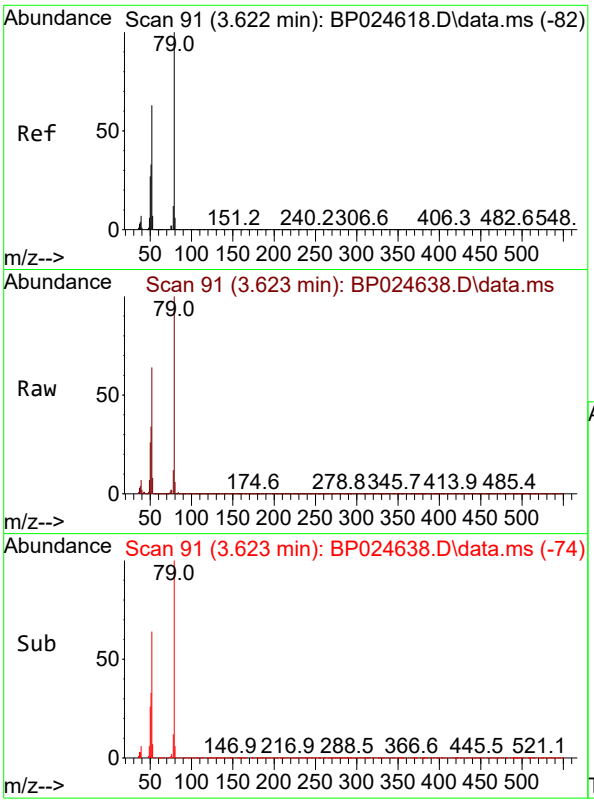


#2
1,4-Dioxane
Concen: 37.365 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 88 Resp: 169804

Ion	Ratio	Lower	Upper
88	100		
58	68.2	54.0	81.0
43	28.0	21.4	32.0



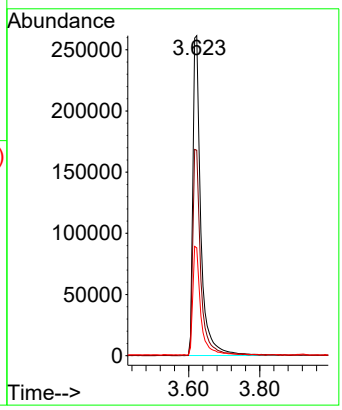


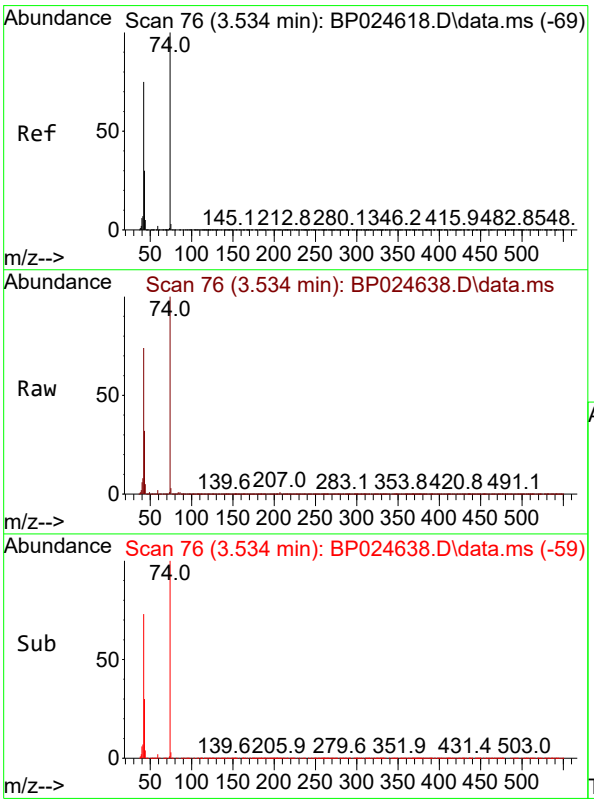
#3
Pyridine
Concen: 40.850 ng
RT: 3.623 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion: 79 Resp: 411638

Ion	Ratio	Lower	Upper
79	100		
52	64.2	50.2	75.2
51	33.7	26.8	40.2

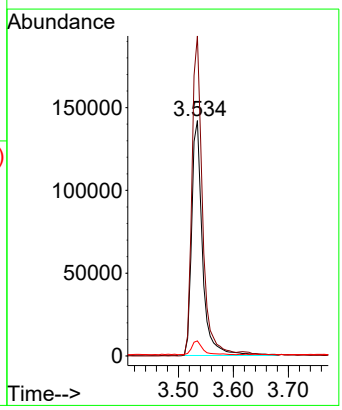


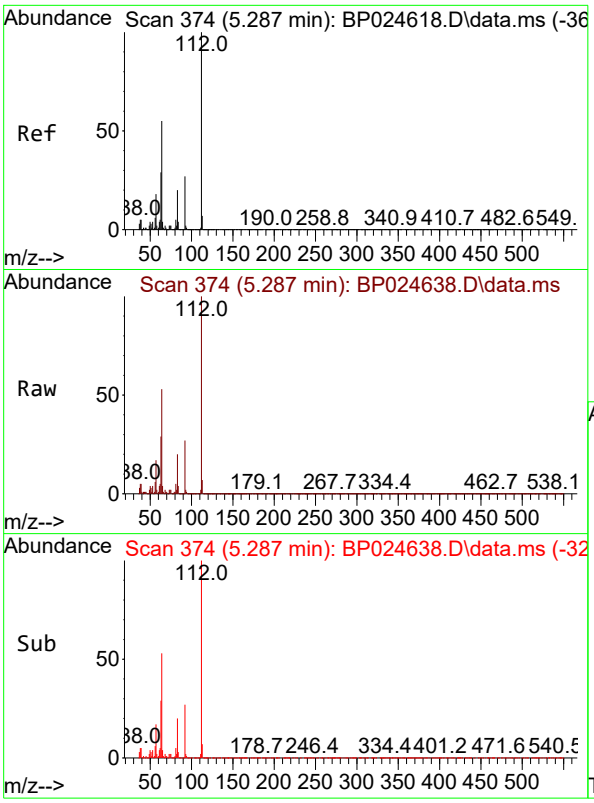


#4
n-Nitrosodimethylamine
Concen: 43.416 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 42 Resp: 193142

Ion	Ratio	Lower	Upper
42	100		
74	135.9	106.2	159.2
44	6.4	5.4	8.2



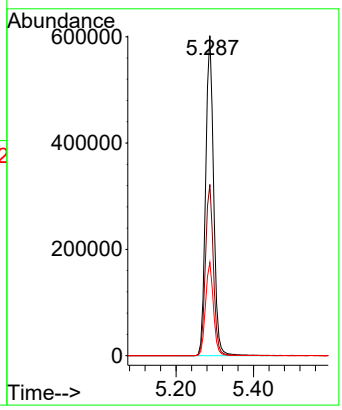


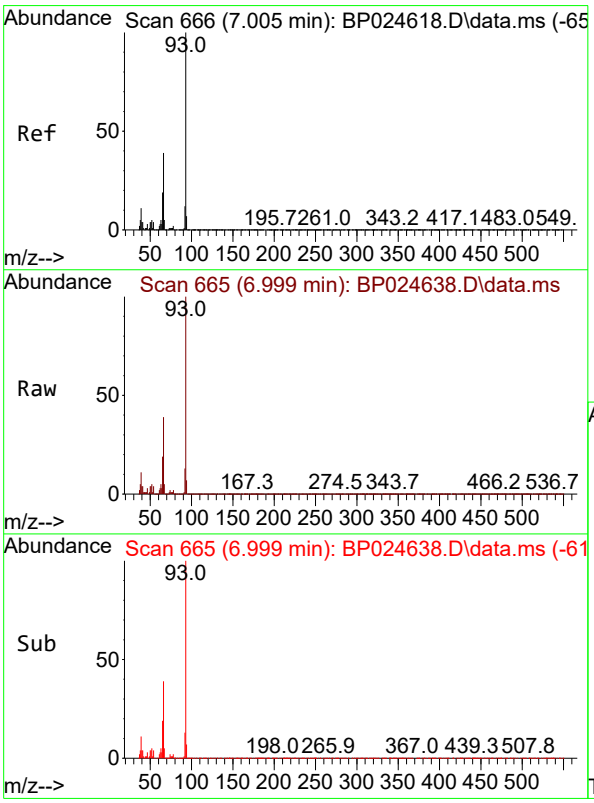
#5
2-Fluorophenol
Concen: 88.528 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:112 Resp: 856774

Ion	Ratio	Lower	Upper
112	100		
64	53.5	44.1	66.1
63	29.1	23.5	35.3

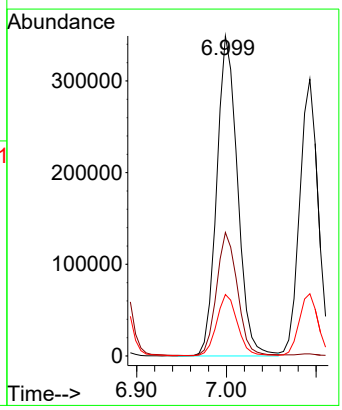


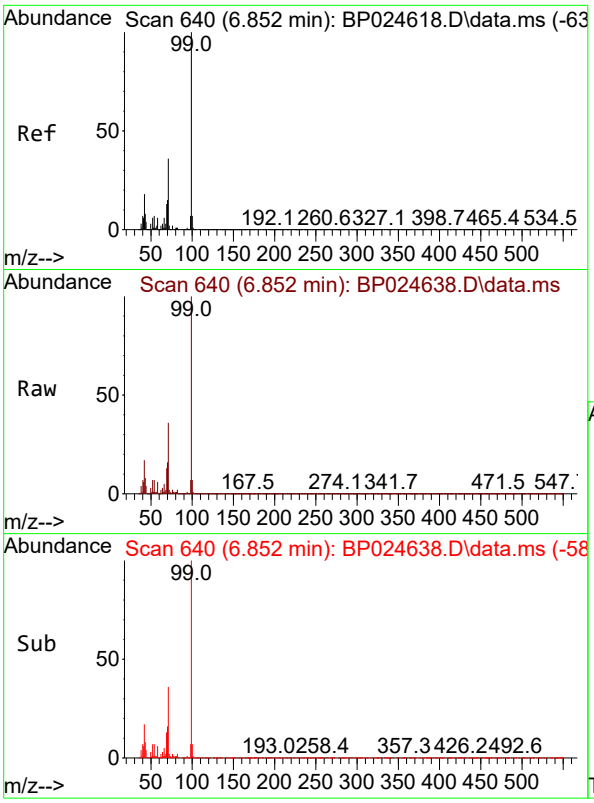


#6
Aniline
Concen: 35.240 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 93 Resp: 561977

Ion	Ratio	Lower	Upper
93	100		
66	38.6	31.0	46.6
65	19.2	15.5	23.3



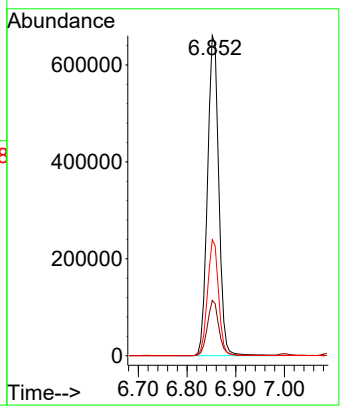


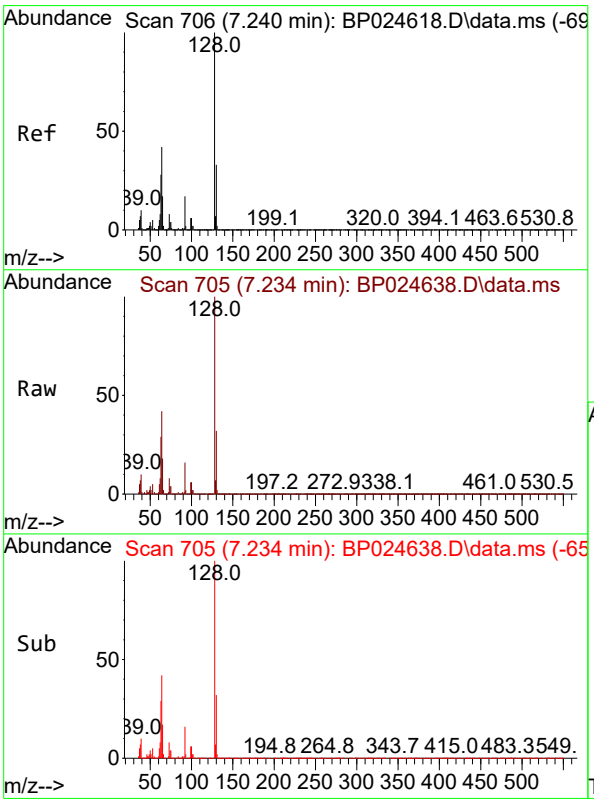
#7
Phenol-d6
Concen: 85.639 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion: 99 Resp: 1057784

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.4	21.6
71	36.3	29.2	43.8

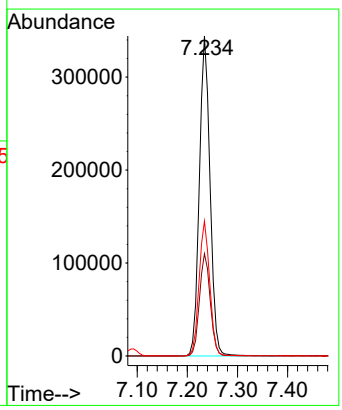


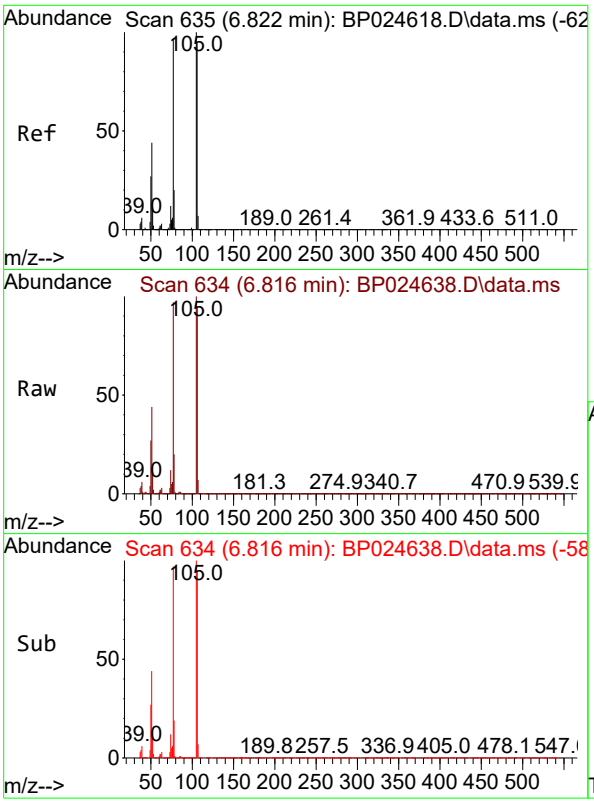


#8
2-Chlorophenol
Concen: 46.350 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:128 Resp: 509228

Ion	Ratio	Lower	Upper
128	100		
130	31.9	13.0	53.0
64	42.1	22.3	62.3



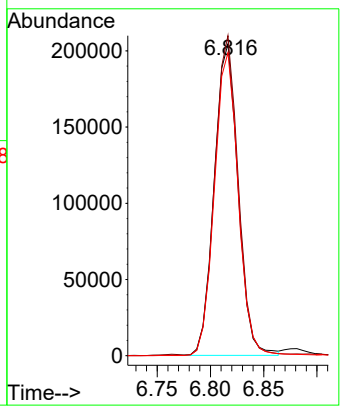


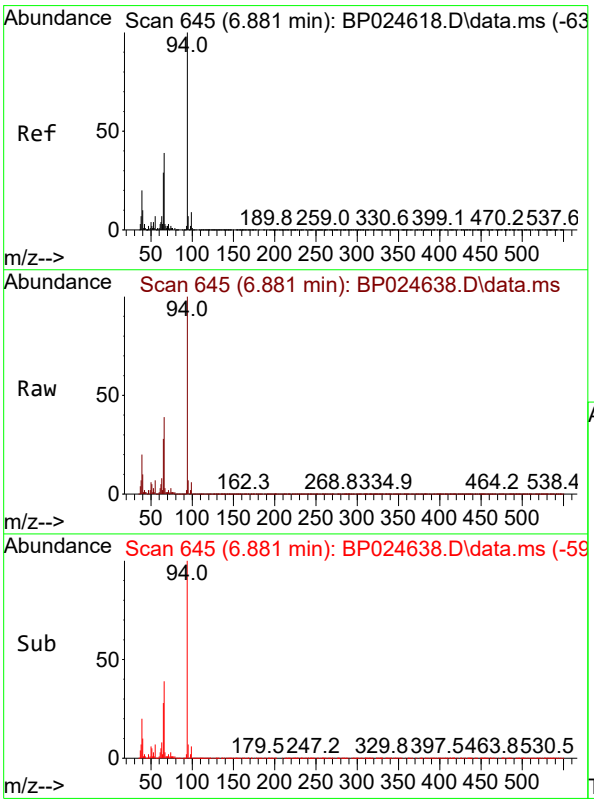
#9
Benzaldehyde
Concen: 39.642 ng
RT: 6.816 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion: 77 Resp: 316969

Ion	Ratio	Lower	Upper
77	100		
105	102.6	83.3	123.3
106	97.2	78.0	118.0

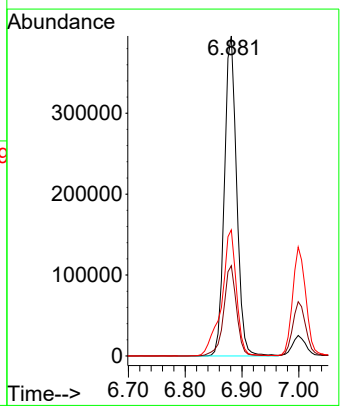


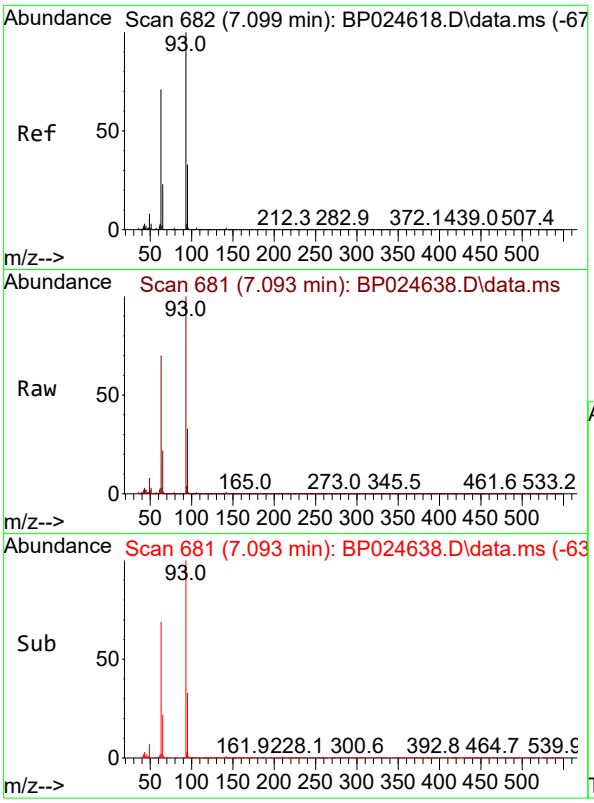


#10
Phenol
Concen: 46.547 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 94 Resp: 593400

Ion	Ratio	Lower	Upper
94	100		
65	28.2	8.7	48.7
66	39.4	19.4	59.4



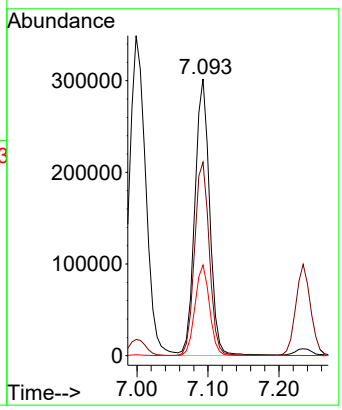


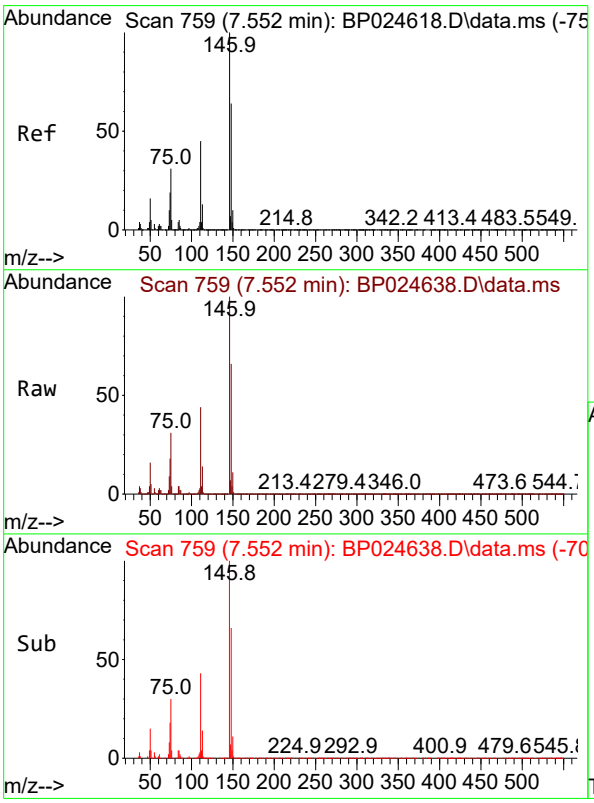
#11
bis(2-Chloroethyl)ether
Concen: 41.686 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion: 93 Resp: 436677

Ion	Ratio	Lower	Upper
93	100		
63	69.9	50.6	90.6
95	32.8	12.9	52.9

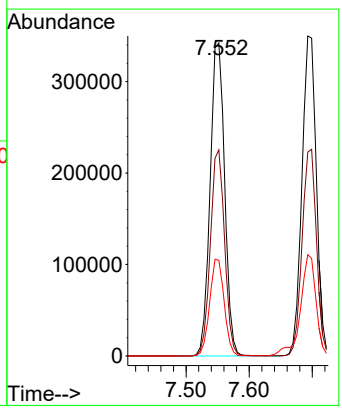


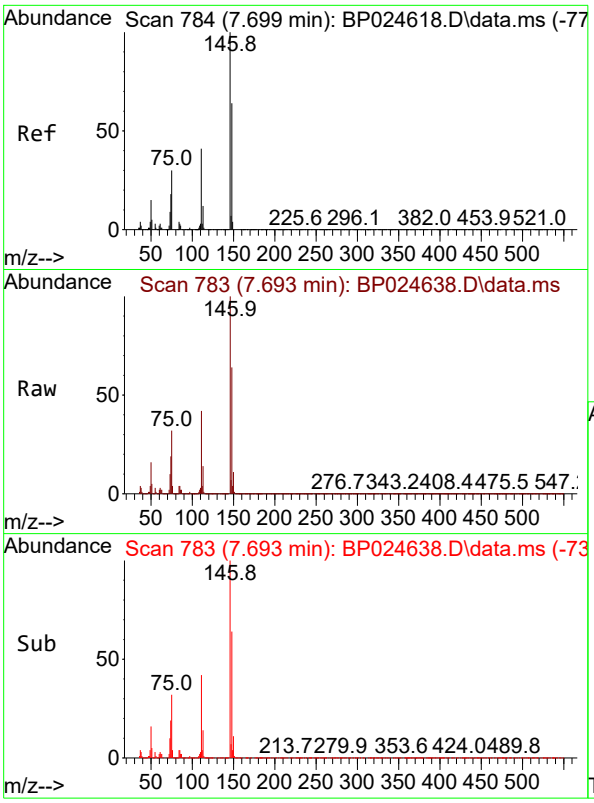


#12
1,3-Dichlorobenzene
Concen: 43.299 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:146 Resp: 547308

Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.4	77.2
75	30.6	25.2	37.8



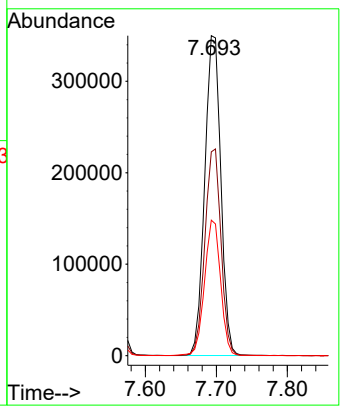


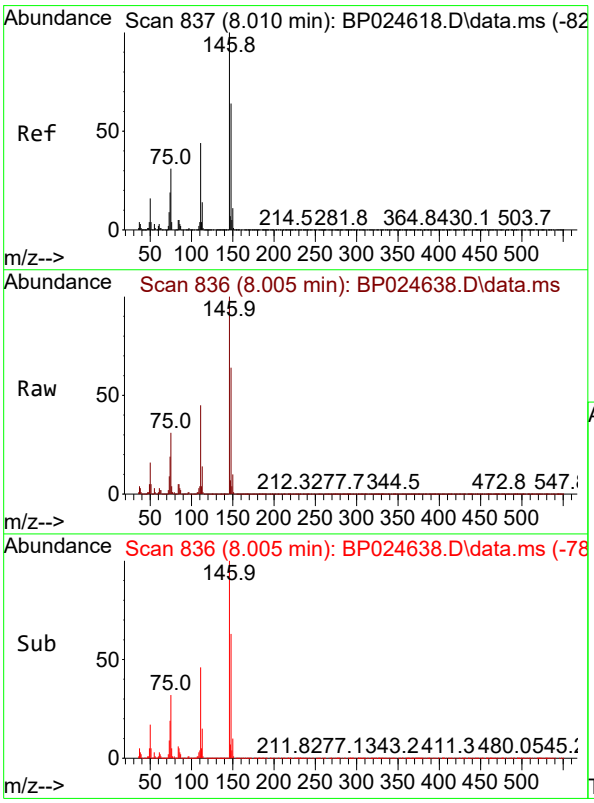
#13
1,4-Dichlorobenzene
Concen: 43.461 ng
RT: 7.693 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:146 Resp: 552518

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.6
111	42.3	33.0	49.6

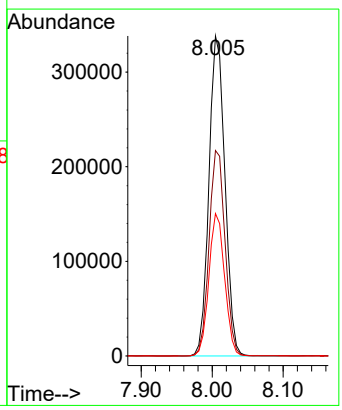


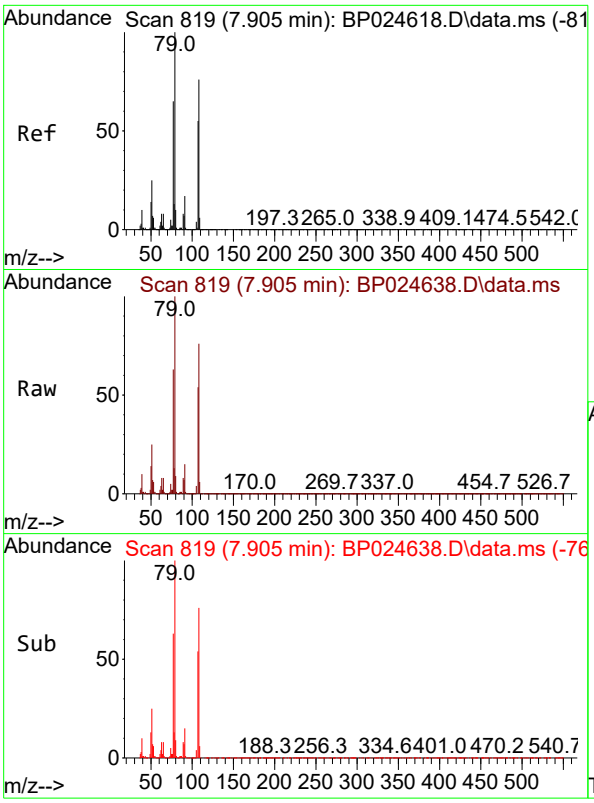


#14
1,2-Dichlorobenzene
Concen: 42.677 ng
RT: 8.005 min Scan# 836
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:146 Resp: 528682

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.4
111	44.5	35.2	52.8



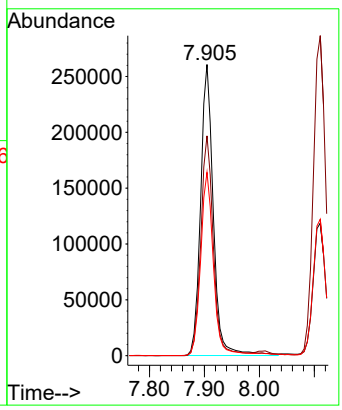


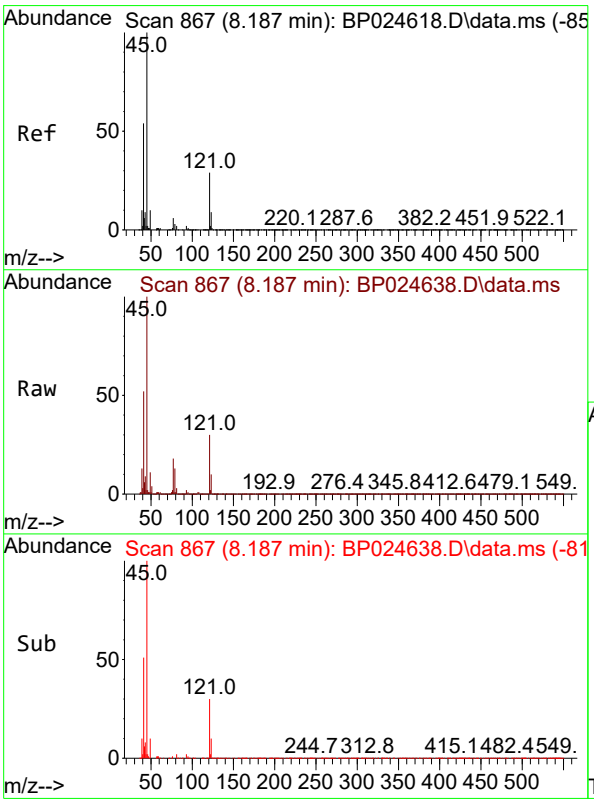
#15
Benzyl Alcohol
Concen: 44.736 ng
RT: 7.905 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion: 79 Resp: 419911

Ion	Ratio	Lower	Upper
79	100		
108	75.5	60.8	91.2
77	63.0	51.9	77.9

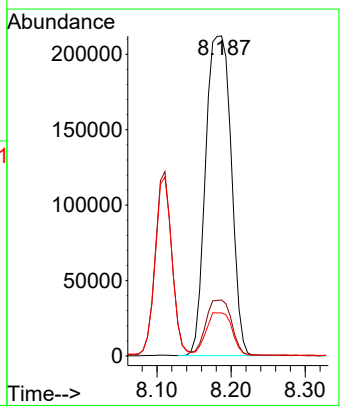


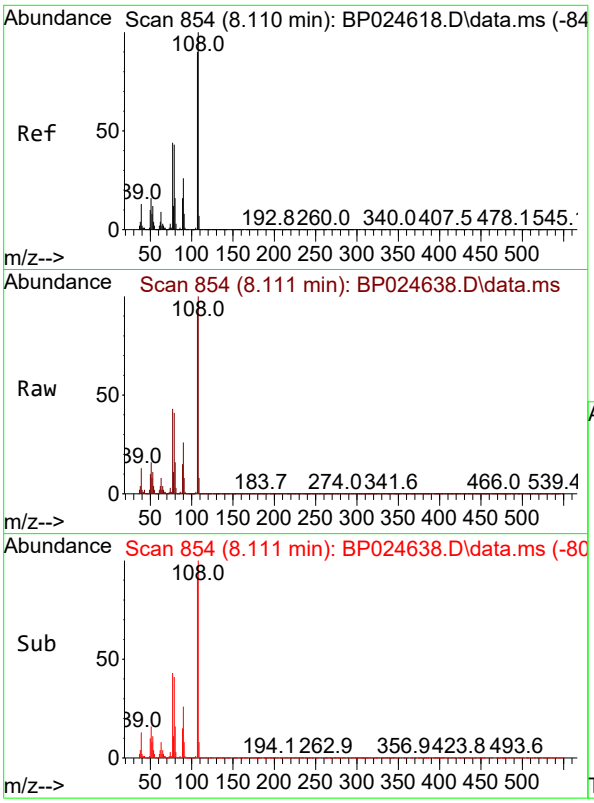


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.442 ng
RT: 8.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 45 Resp: 507352

Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	37.7
79	13.5	0.0	34.0



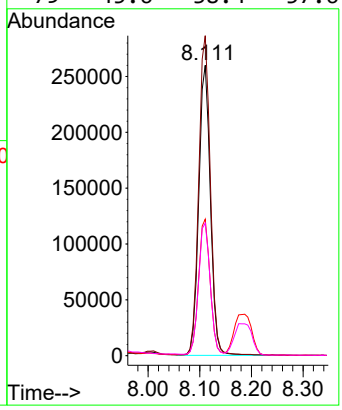


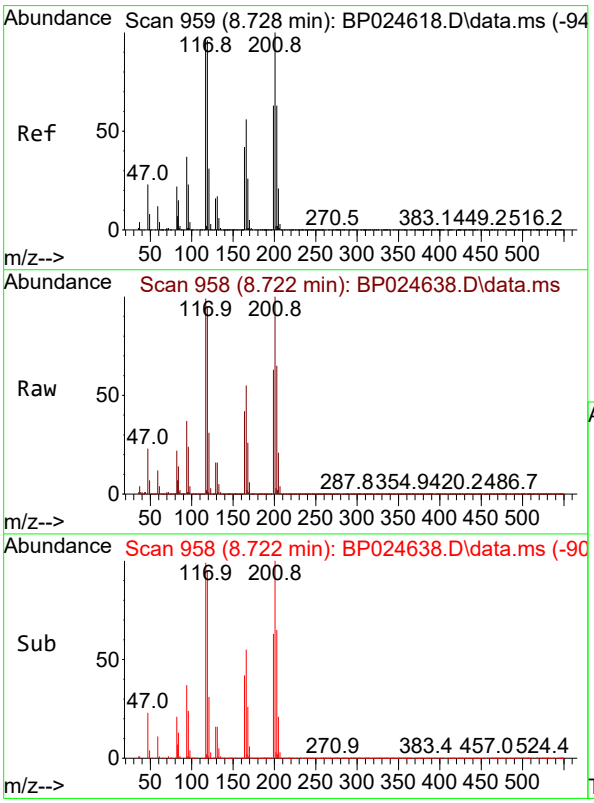
#17
2-Methylphenol
Concen: 44.241 ng
RT: 8.111 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:107 Resp: 404526

Ion	Ratio	Lower	Upper
107	100		
108	110.2	88.9	133.3
77	47.0	39.0	58.6
79	45.6	38.4	57.6

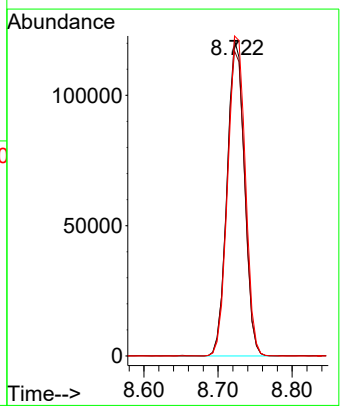


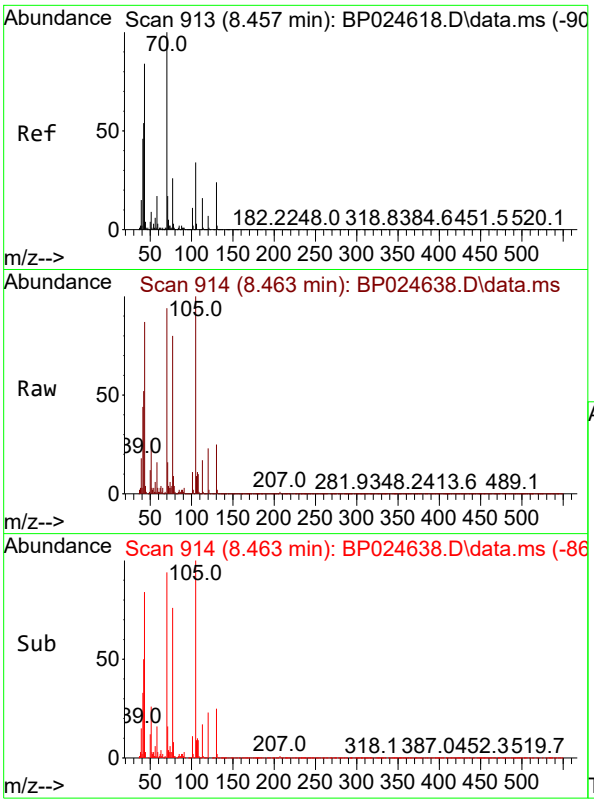


#18
Hexachloroethane
Concen: 40.599 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:117 Resp: 197785

Ion	Ratio	Lower	Upper
117	100		
119	96.4	79.4	119.0
201	101.2	82.7	124.1



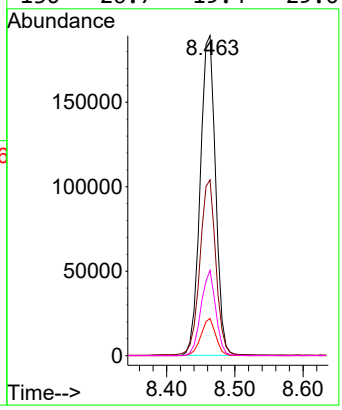


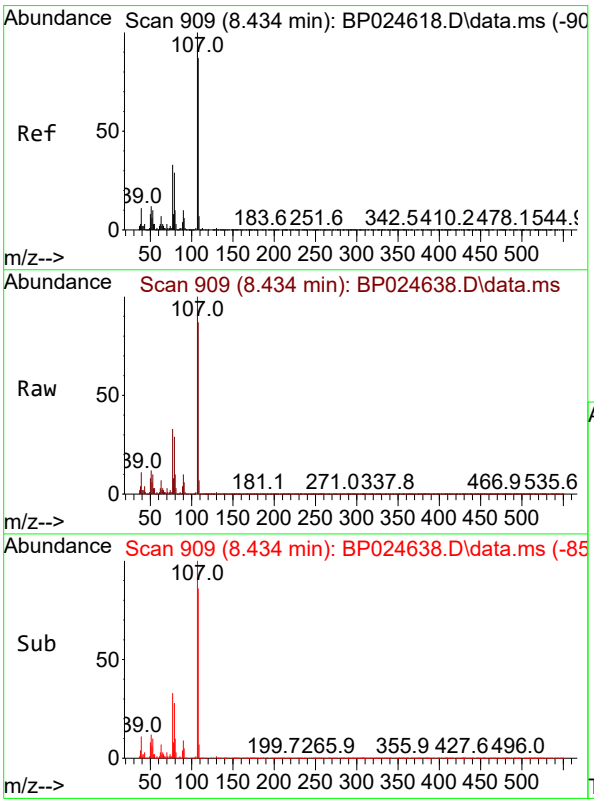
#19
n-Nitroso-di-n-propylamine
Concen: 34.675 ng
RT: 8.463 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion: 70 Resp: 296270

Ion	Ratio	Lower	Upper
70	100		
42	54.9	43.0	64.6
101	11.6	8.7	13.1
130	26.7	19.4	29.0

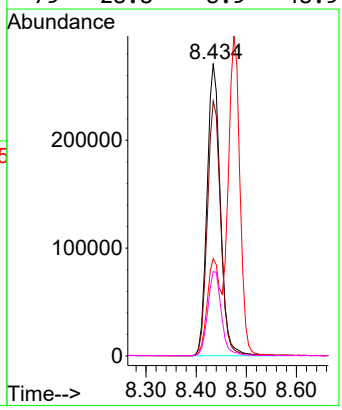


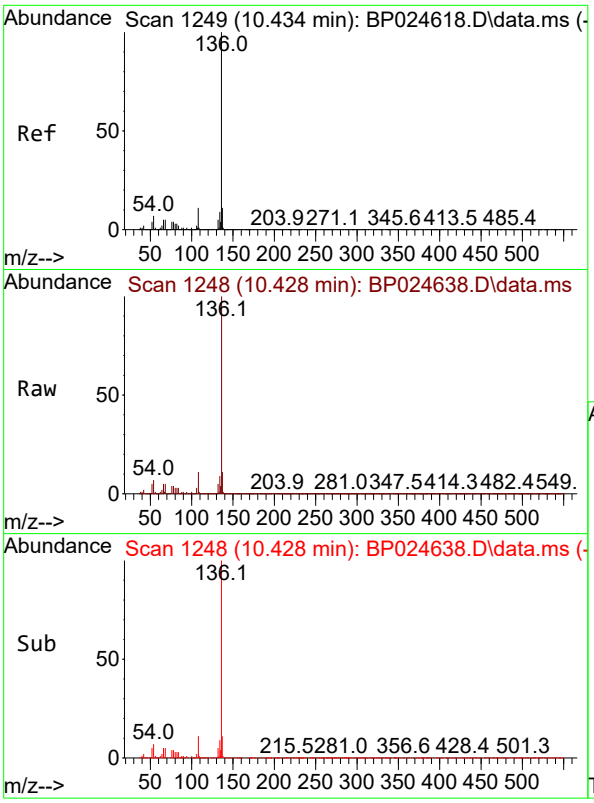


#20
3+4-Methylphenols
Concen: 40.109 ng
RT: 8.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:107 Resp: 498876

Ion	Ratio	Lower	Upper
107	100		
108	87.1	66.7	106.7
77	33.3	13.1	53.1
79	28.8	8.9	48.9



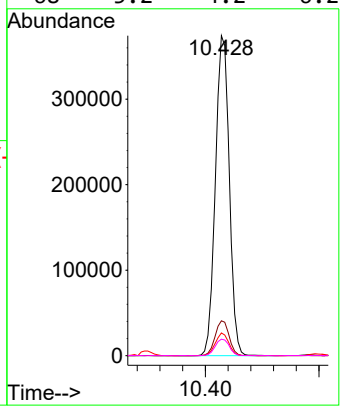


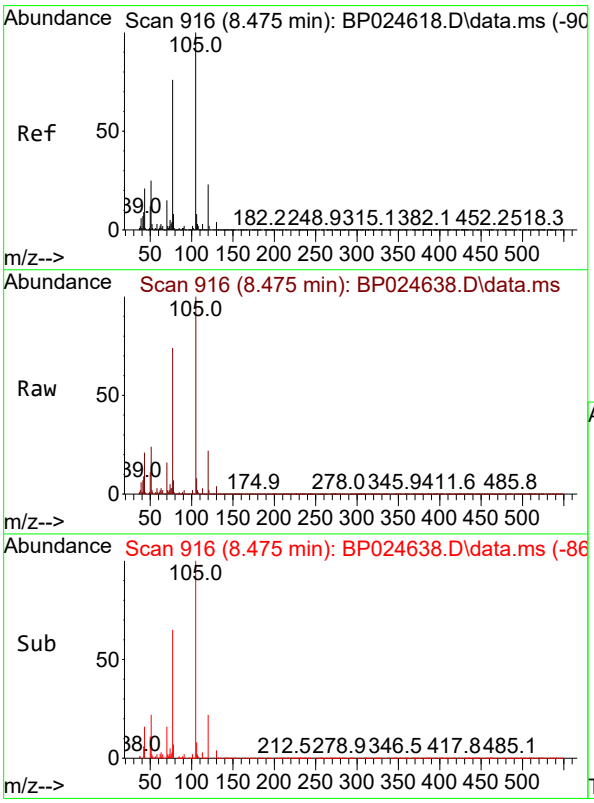
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:136 Resp: 634360

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.1	5.5	8.3
68	5.2	4.2	6.2

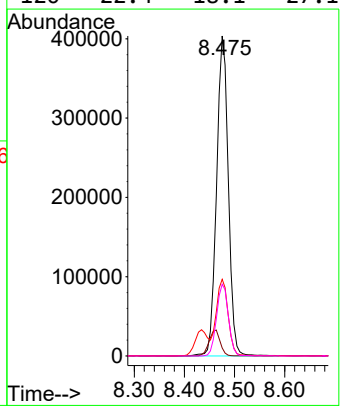


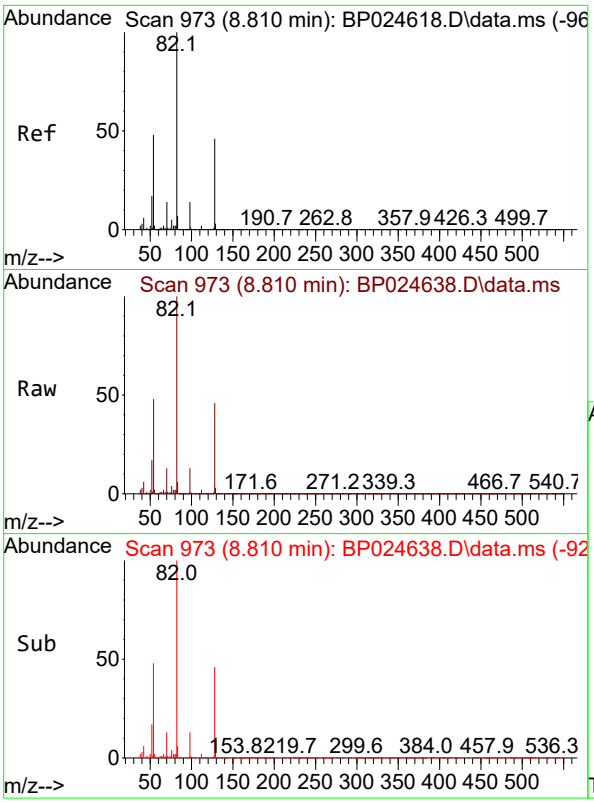


#22
Acetophenone
Concen: 41.327 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:105 Resp: 654869

Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.0	3.0
51	23.9	20.4	30.6
120	22.4	18.1	27.1



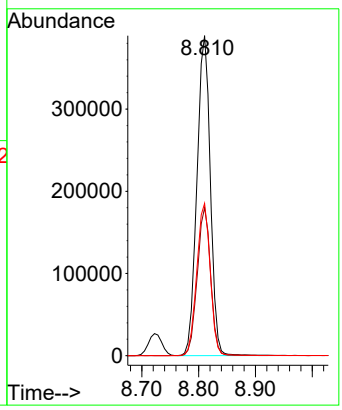


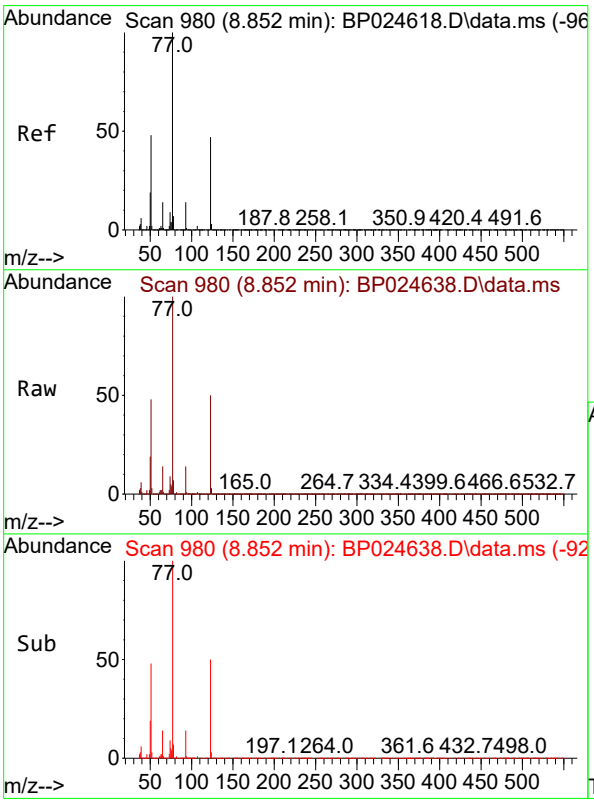
#23
Nitrobenzene-d5
Concen: 50.893 ng
RT: 8.810 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion: 82 Resp: 638968

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.0	55.4
54	47.6	38.7	58.1

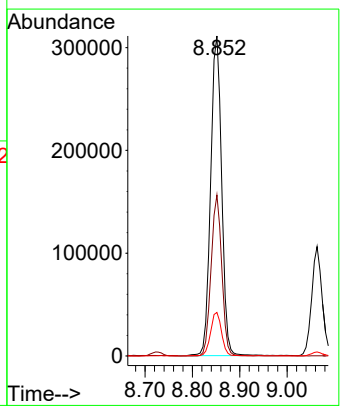


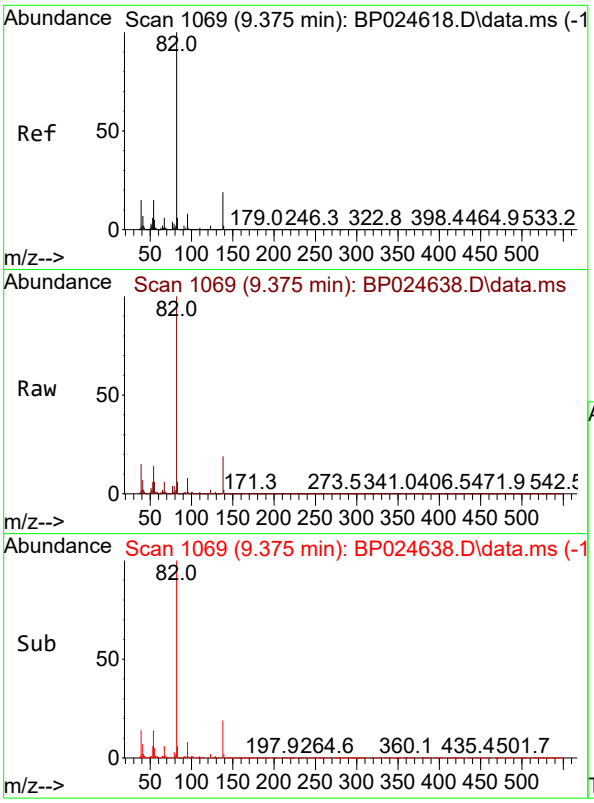


#24
Nitrobenzene
Concen: 45.394 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 77 Resp: 501541

Ion	Ratio	Lower	Upper
77	100		
123	50.3	37.4	56.0
65	13.6	11.3	16.9



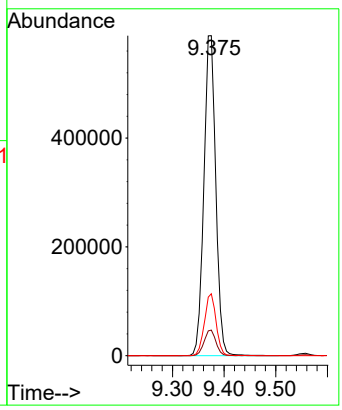


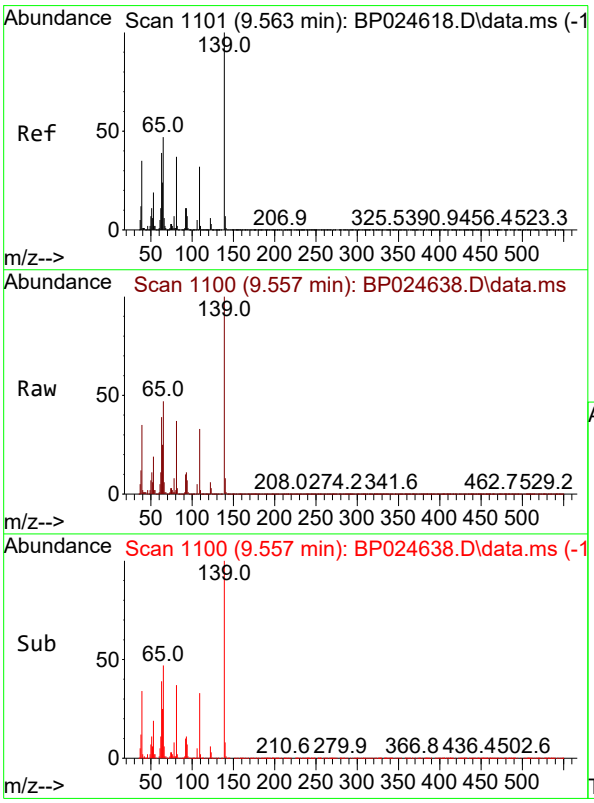
#25
Isophorone
Concen: 43.069 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion: 82 Resp: 937975

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.3	9.5
138	19.4	15.3	22.9

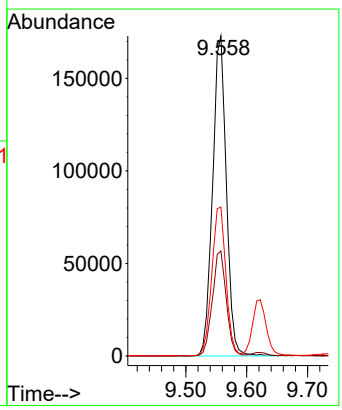


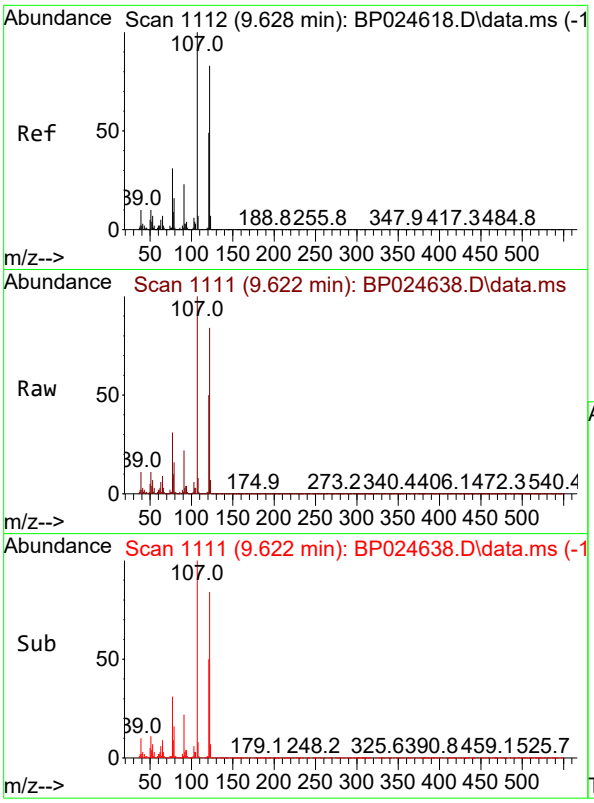


#26
2-Nitrophenol
Concen: 50.036 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:139 Resp: 270894

Ion	Ratio	Lower	Upper
139	100		
109	32.8	25.9	38.9
65	46.6	37.9	56.9



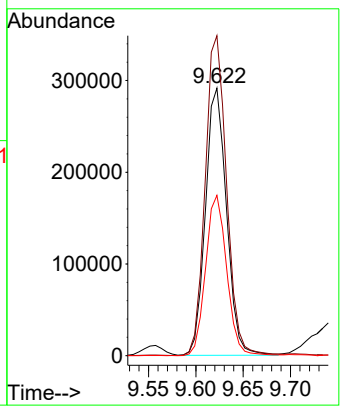


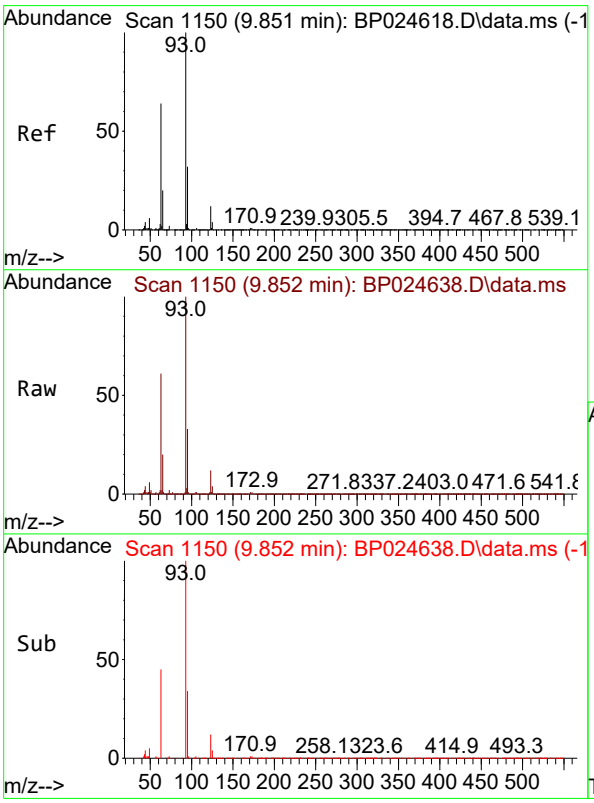
#27
2,4-Dimethylphenol
Concen: 47.245 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:122 Resp: 450968

Ion	Ratio	Lower	Upper
122	100		
107	119.6	96.2	144.2
121	59.9	47.6	71.4

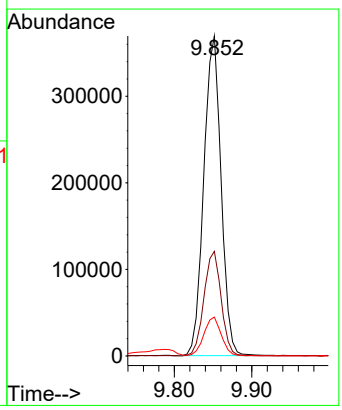


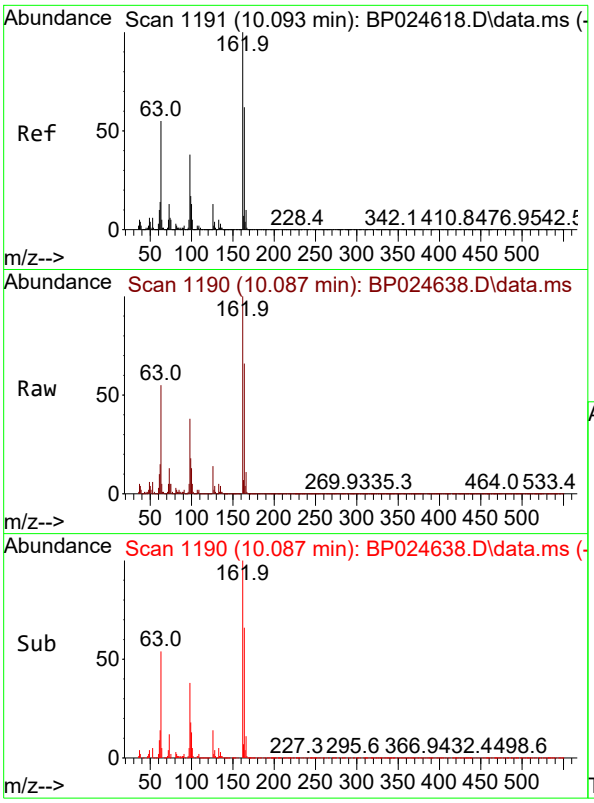


#28
bis(2-Chloroethoxy)methane
Concen: 43.950 ng
RT: 9.852 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 93 Resp: 571836

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.5	38.3
123	12.1	9.7	14.5



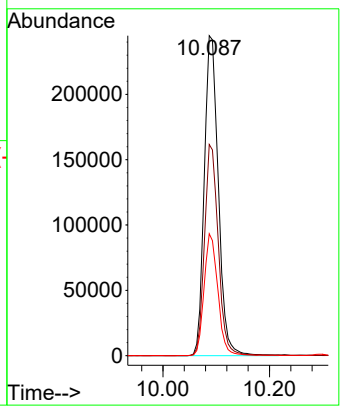


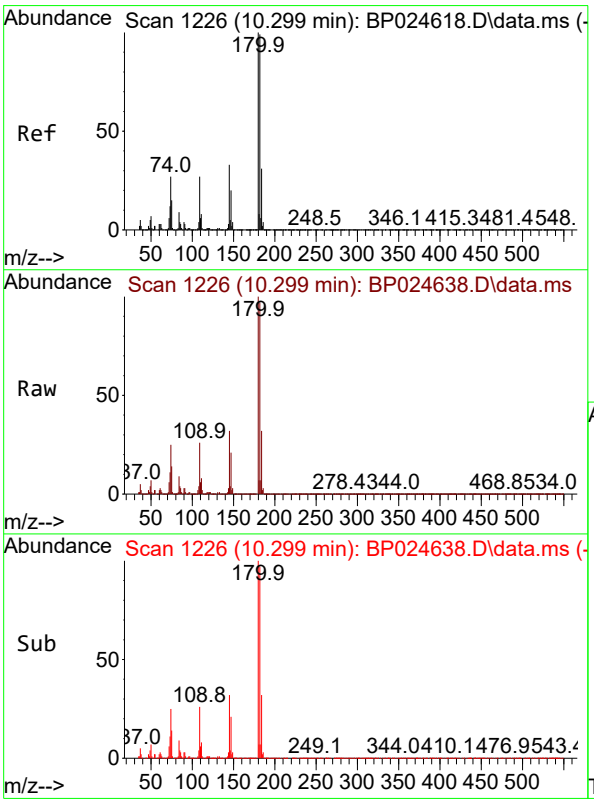
#29
2,4-Dichlorophenol
Concen: 48.465 ng
RT: 10.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:162 Resp: 448301

Ion	Ratio	Lower	Upper
162	100		
164	66.0	42.3	82.3
98	38.1	18.4	58.4

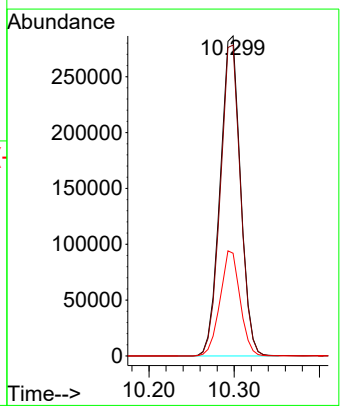


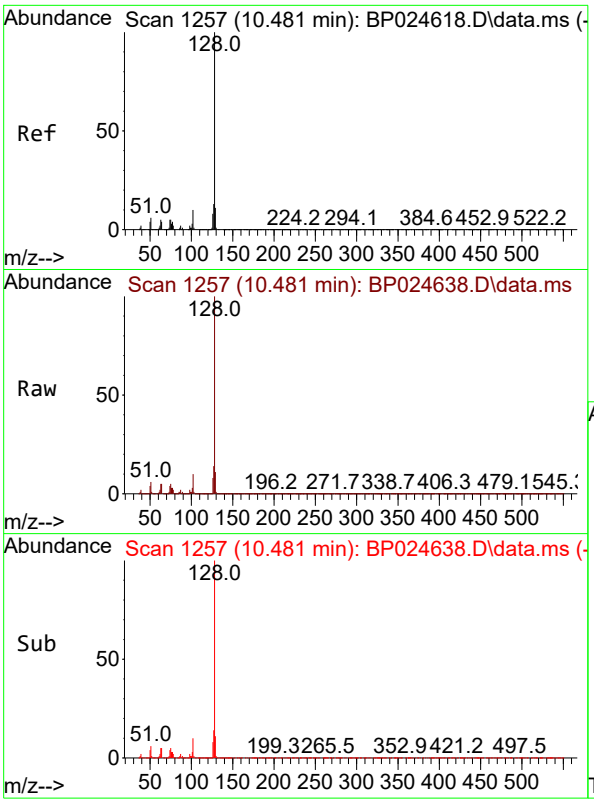


#30
1,2,4-Trichlorobenzene
Concen: 45.566 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:180 Resp: 474967

Ion	Ratio	Lower	Upper
180	100		
182	97.1	79.0	118.4
145	32.1	26.6	39.8



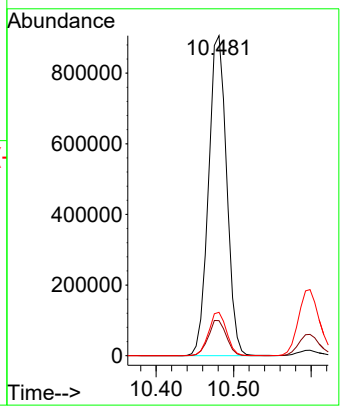


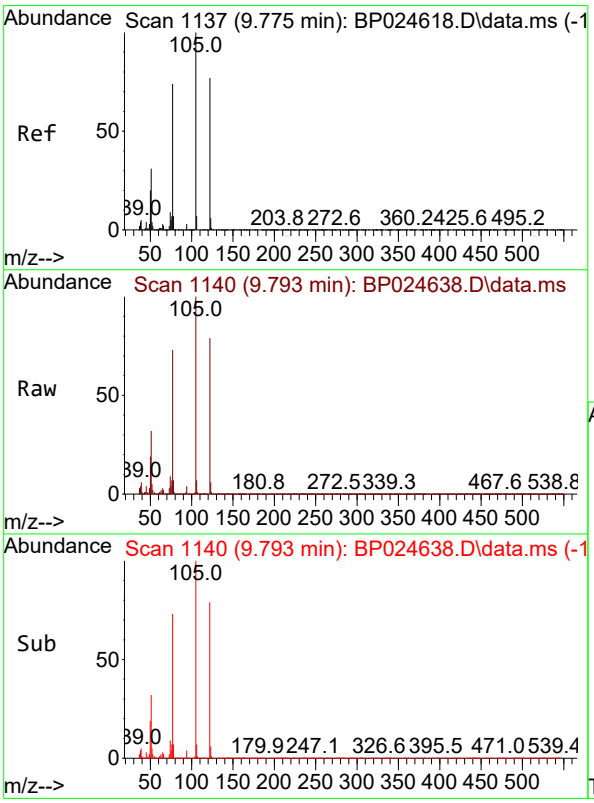
#31
Naphthalene
Concen: 44.704 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:128 Resp: 1469571

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.6	10.7	16.1

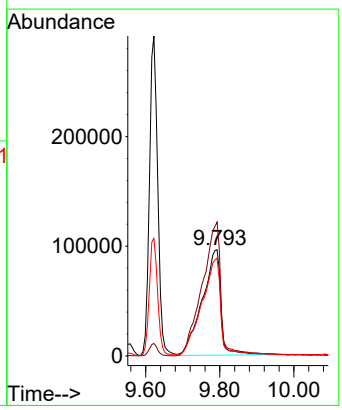


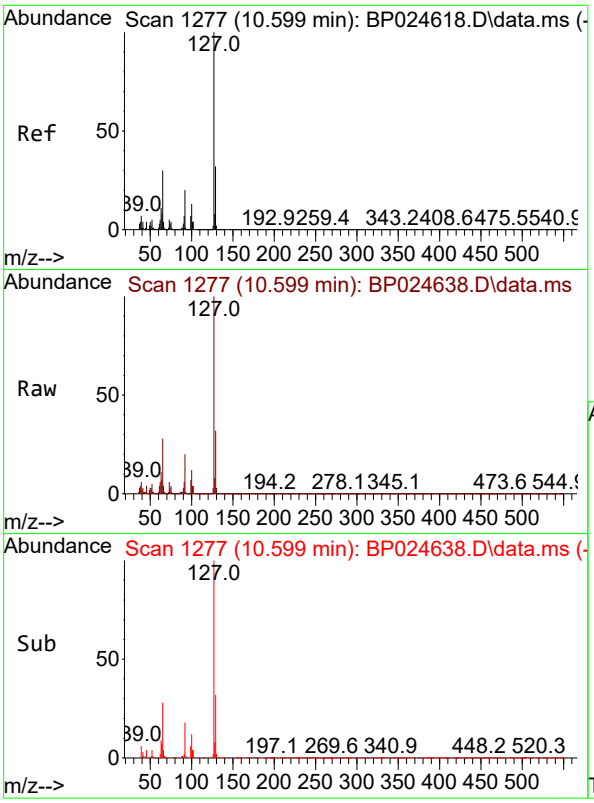


#32
Benzoic acid
Concen: 50.212 ng
RT: 9.793 min Scan# 1140
Delta R.T. 0.018 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:122 Resp: 336377

Ion	Ratio	Lower	Upper
122	100		
105	126.0	106.9	146.9
77	91.9	75.1	115.1



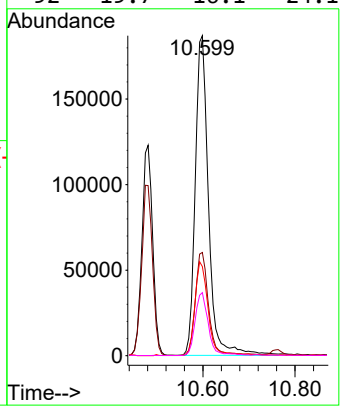


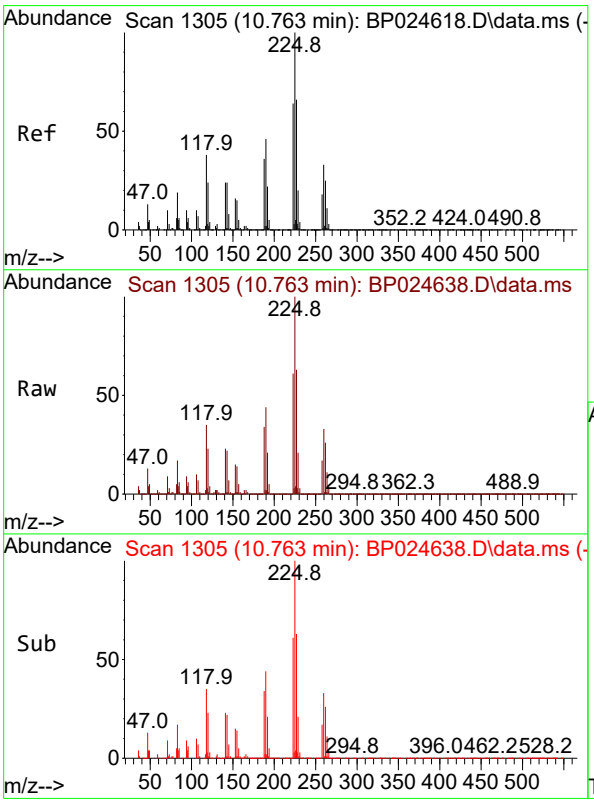
#33
4-Chloroaniline
Concen: 28.179 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:127 Resp: 373803

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	27.9	23.9	35.9
92	19.7	16.1	24.1

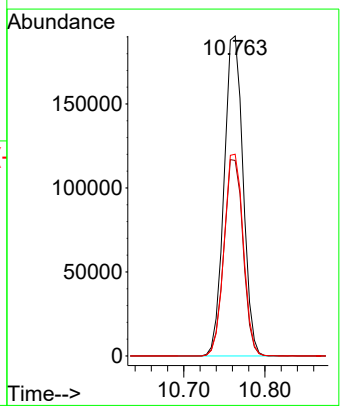


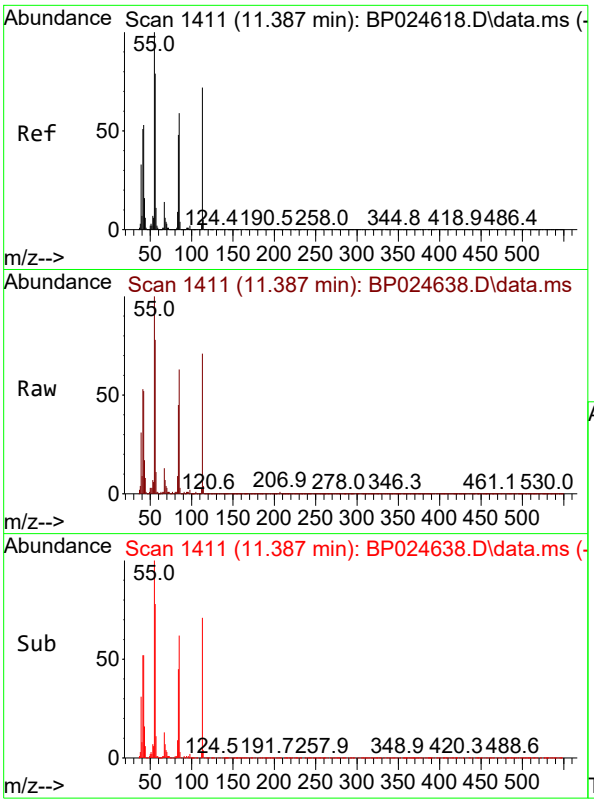


#34
Hexachlorobutadiene
Concen: 45.778 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:225 Resp: 309121

Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.0	76.6
227	63.0	53.1	79.7



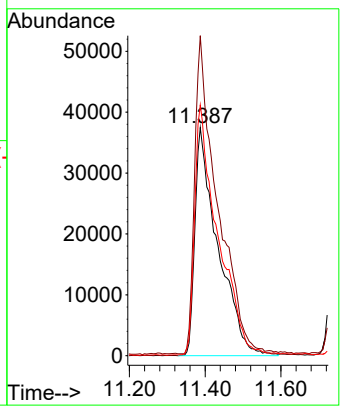


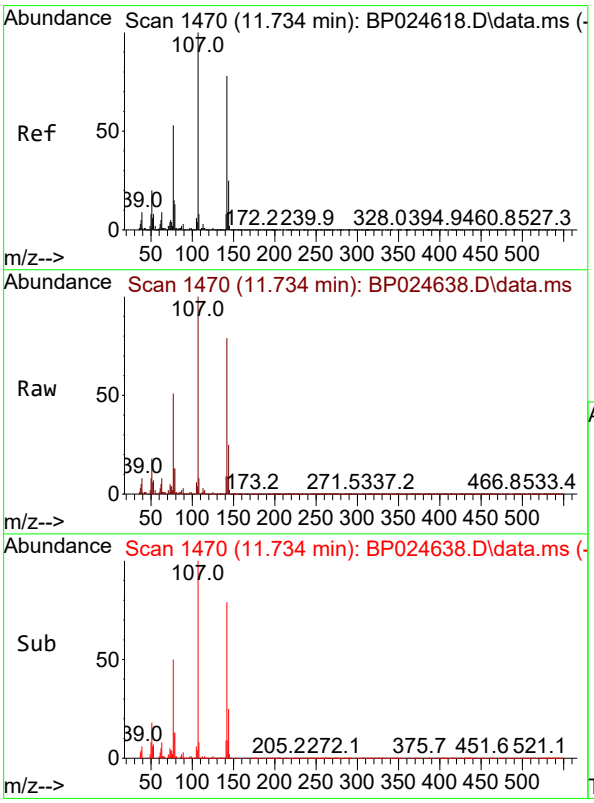
#35
Caprolactam
Concen: 47.096 ng
RT: 11.387 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:113 Resp: 157614

Ion	Ratio	Lower	Upper
113	100		
55	140.3	119.0	159.0
56	109.9	90.3	130.3

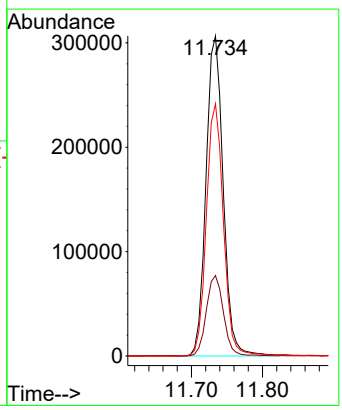


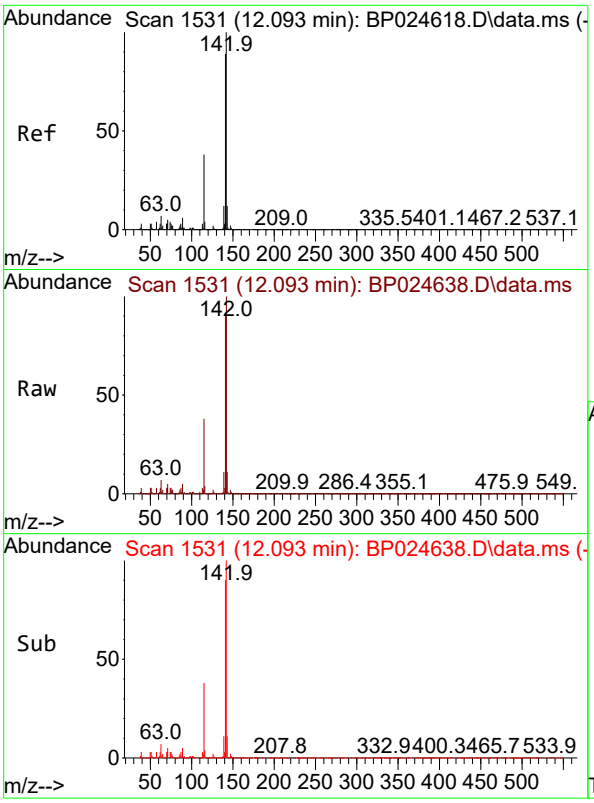


#36
4-Chloro-3-methylphenol
Concen: 45.762 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:107 Resp: 516210

Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.1	30.1
142	78.8	62.1	93.1



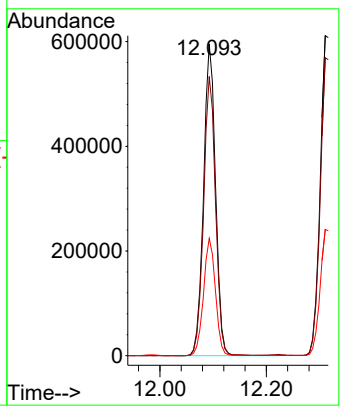


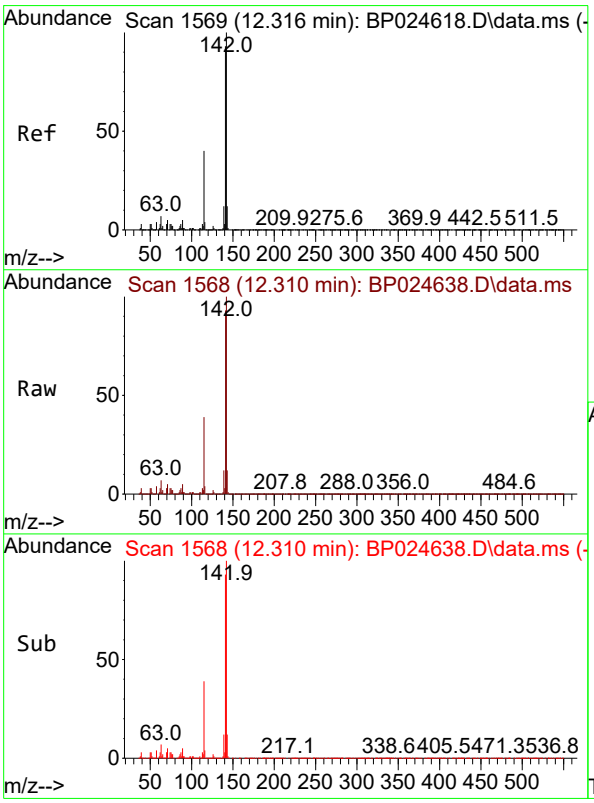
#37
2-Methylnaphthalene
Concen: 43.540 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:142 Resp: 926779

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.2	106.8
115	37.6	30.6	46.0

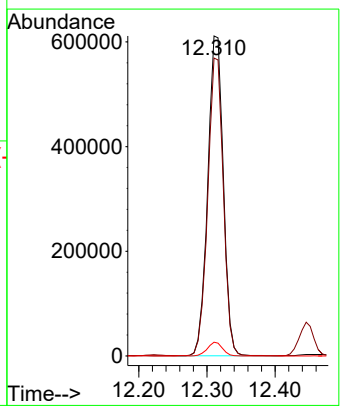


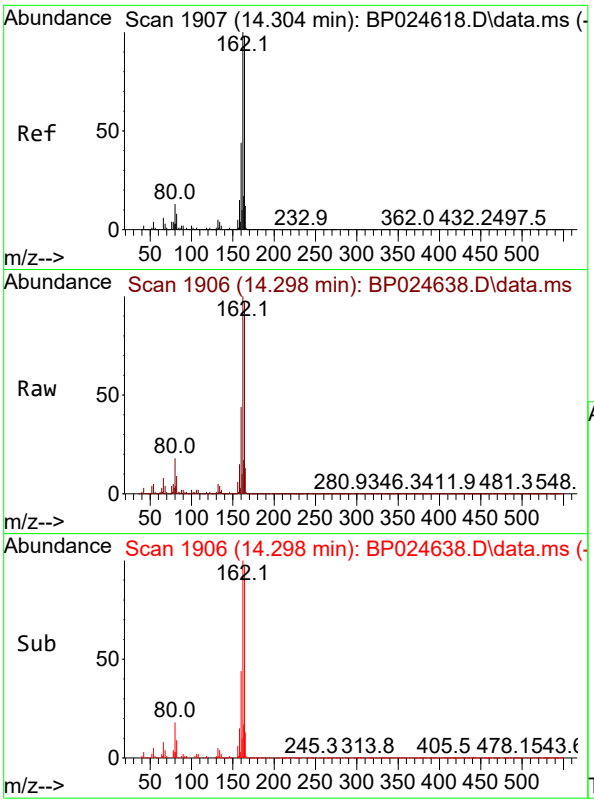


#38
1-Methylnaphthalene
Concen: 42.714 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:142 Resp: 972826

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.7	112.1
116	4.3	3.4	5.2



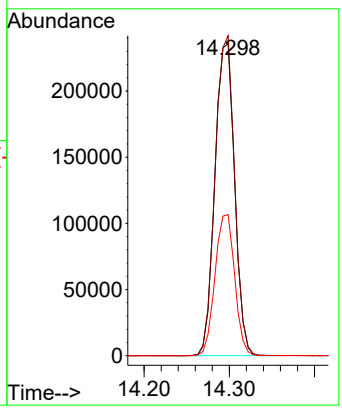


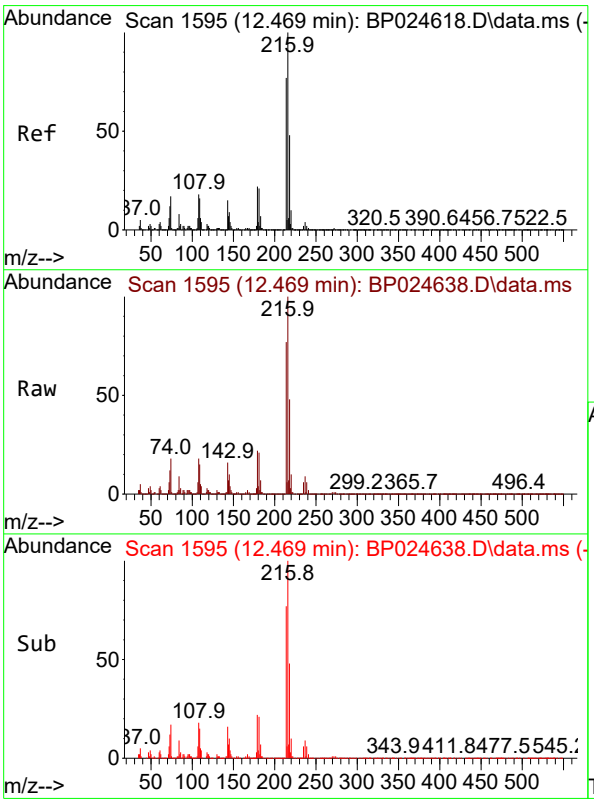
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.298 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:164 Resp: 378565

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.6
160	45.3	36.3	54.5

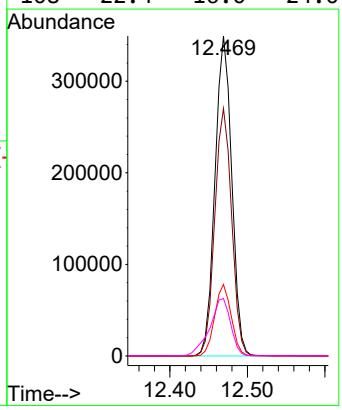


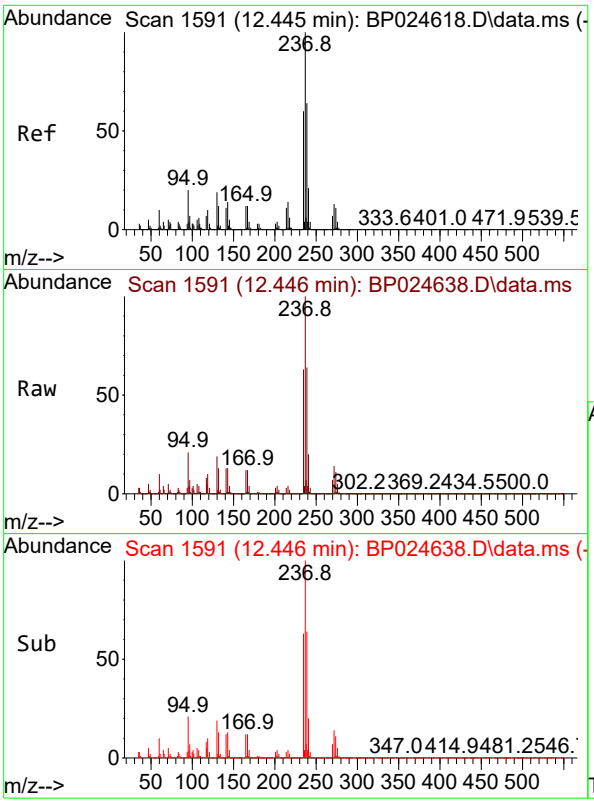


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.751 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:216 Resp: 524927

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.3	93.5
179	22.1	17.7	26.5
108	22.4	16.0	24.0



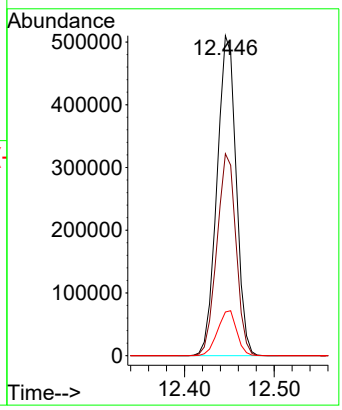


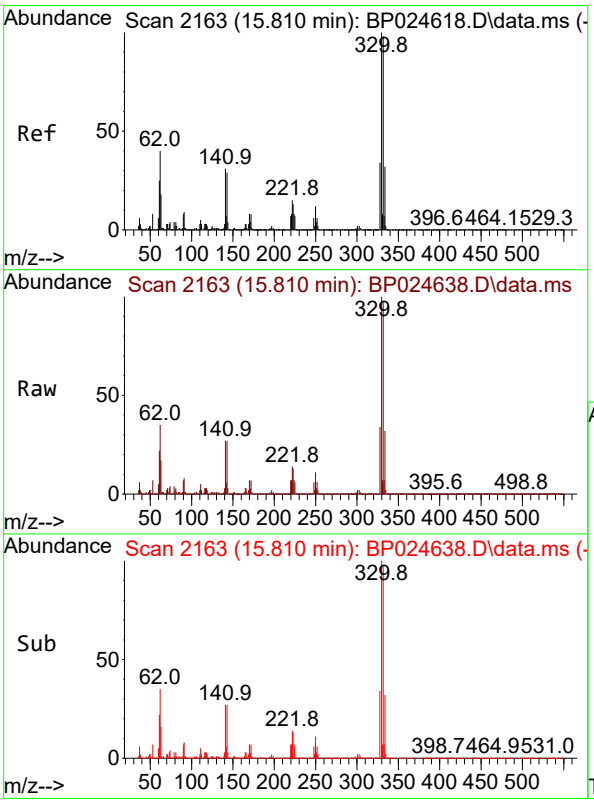
#41
Hexachlorocyclopentadiene
Concen: 113.445 ng
RT: 12.446 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:237 Resp: 756205

Ion	Ratio	Lower	Upper
237	100		
235	63.1	39.9	79.9
272	13.7	0.0	33.2

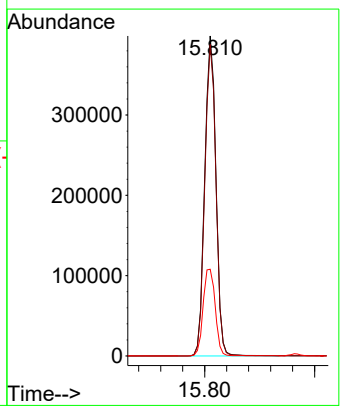


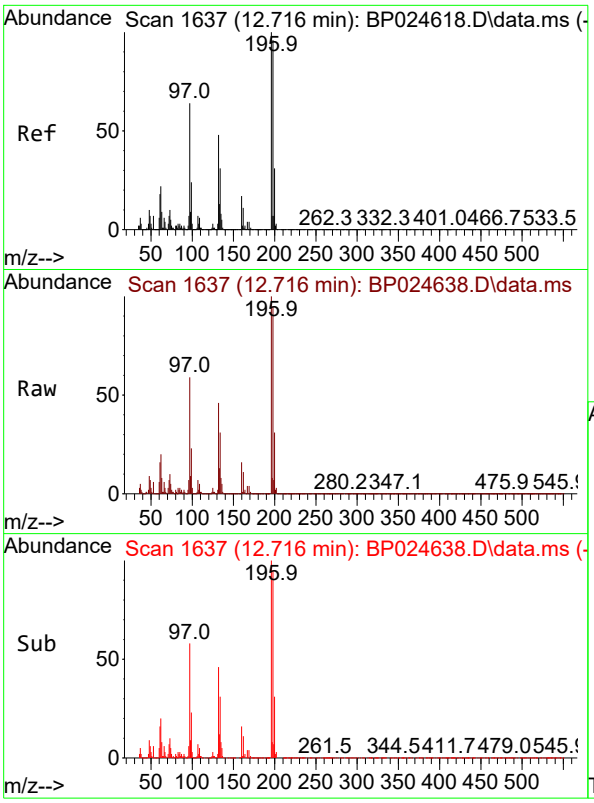


#42
2,4,6-Tribromophenol
Concen: 87.674 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:330 Resp: 562674

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.2	117.4
141	29.3	24.3	36.5



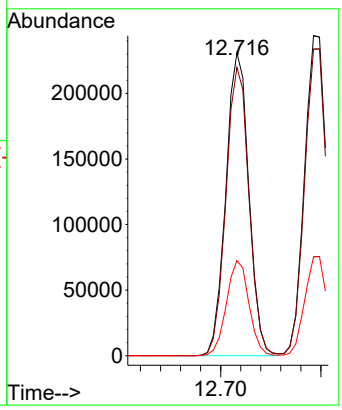


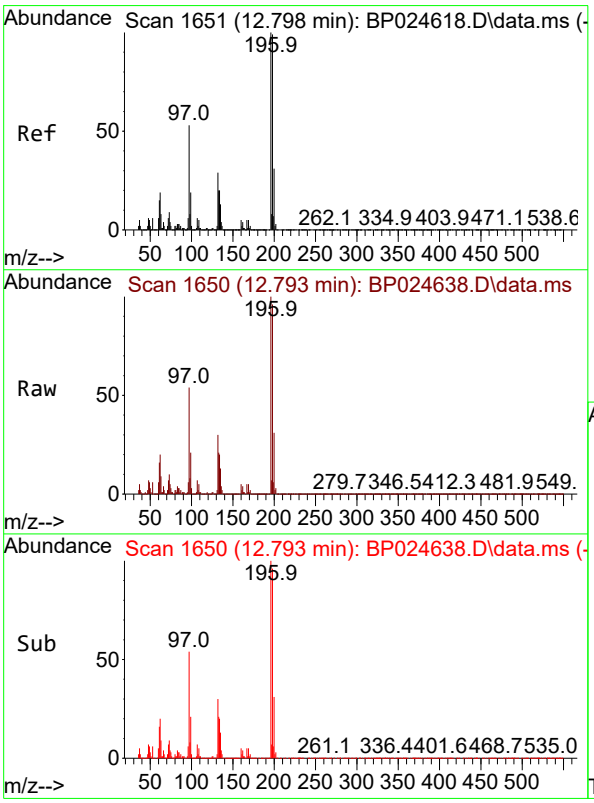
#43
2,4,6-Trichlorophenol
Concen: 51.731 ng
RT: 12.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:196 Resp: 368341

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.9	115.3
200	31.4	25.2	37.8

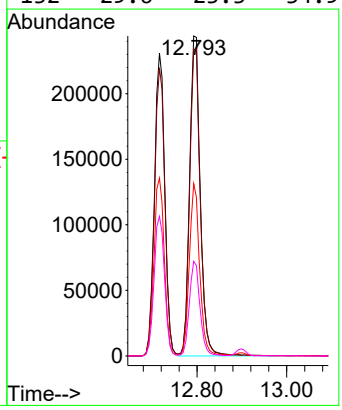


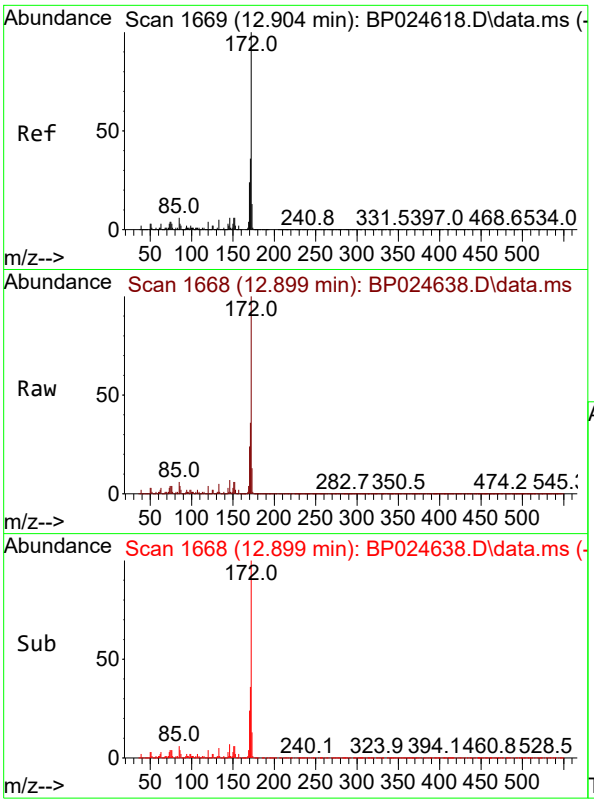


#44
2,4,5-Trichlorophenol
Concen: 50.893 ng
RT: 12.793 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:196 Resp: 403367

Ion	Ratio	Lower	Upper
196	100		
198	95.8	79.2	118.8
97	53.9	42.3	63.5
132	29.6	23.3	34.9



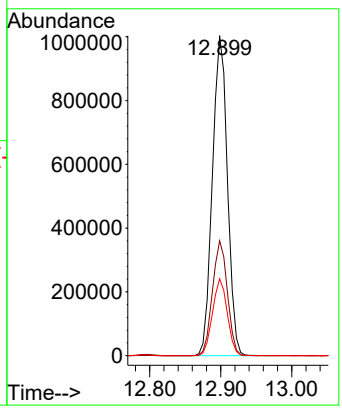


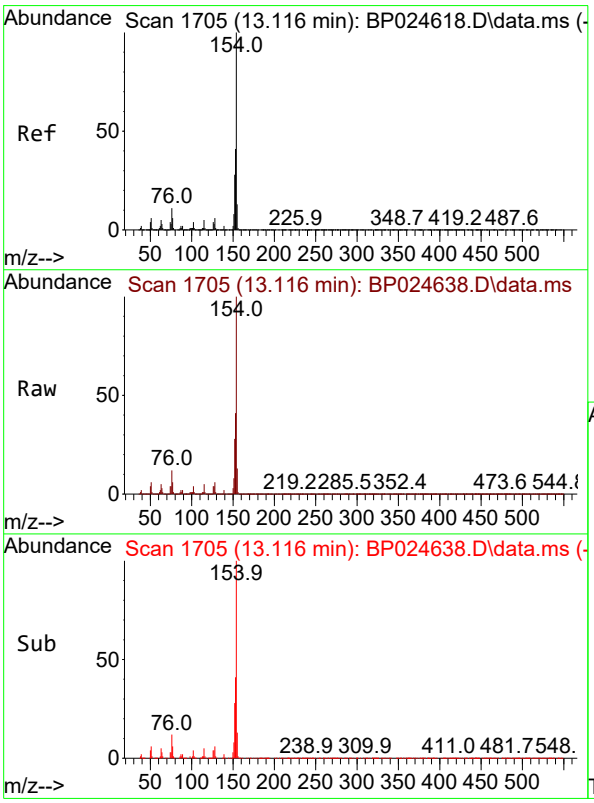
#45
2-Fluorobiphenyl
Concen: 50.874 ng
RT: 12.899 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:172 Resp: 1470035

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	24.0	18.8	28.2

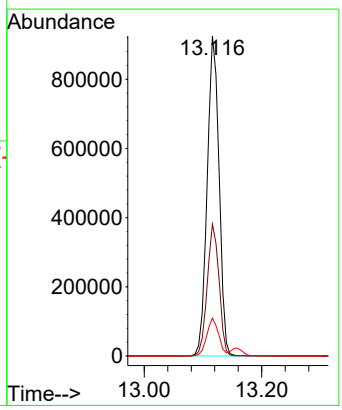


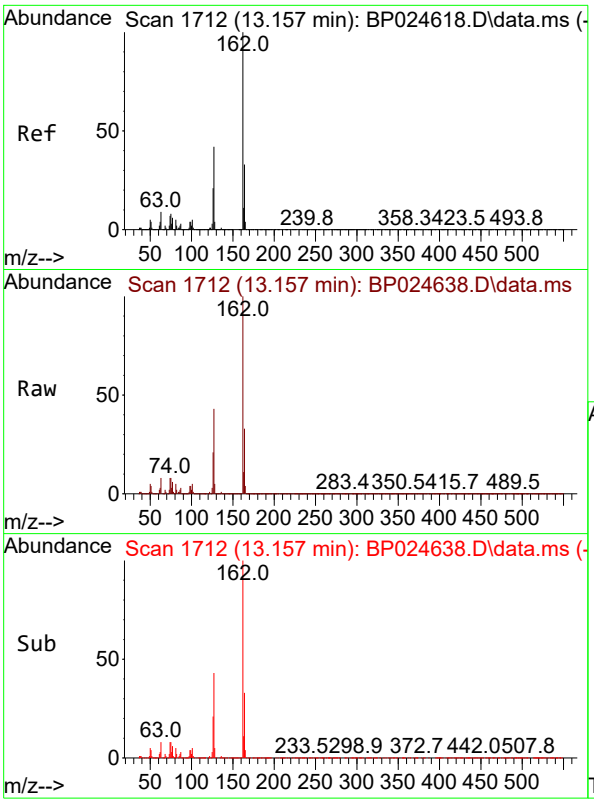


#46
1,1'-Biphenyl
Concen: 46.530 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:154 Resp: 1301925

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.0	61.0
76	11.8	0.0	31.5



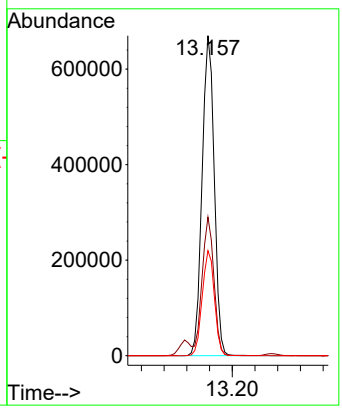


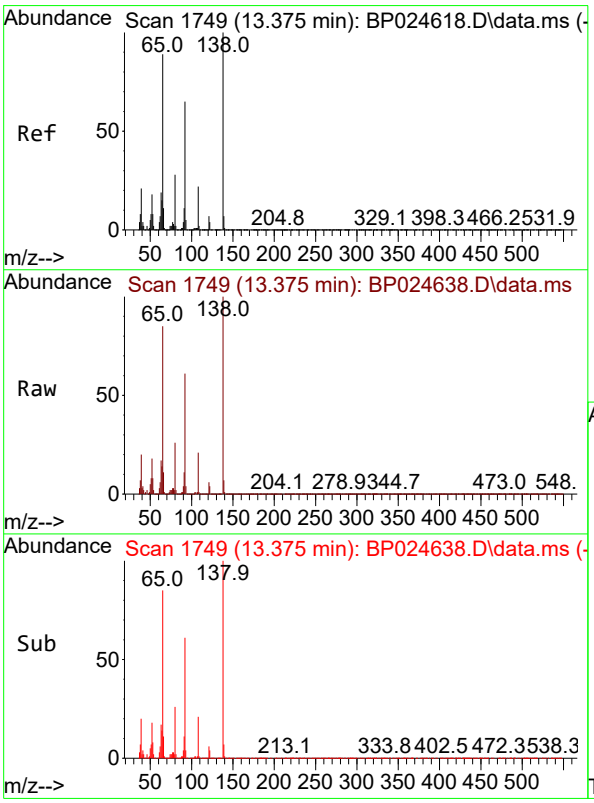
#47
2-Chloronaphthalene
Concen: 46.545 ng
RT: 13.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:162 Resp: 993000

Ion	Ratio	Lower	Upper
162	100		
127	43.3	33.8	50.6
164	32.8	26.0	39.0

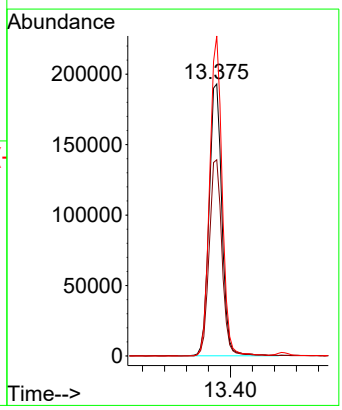


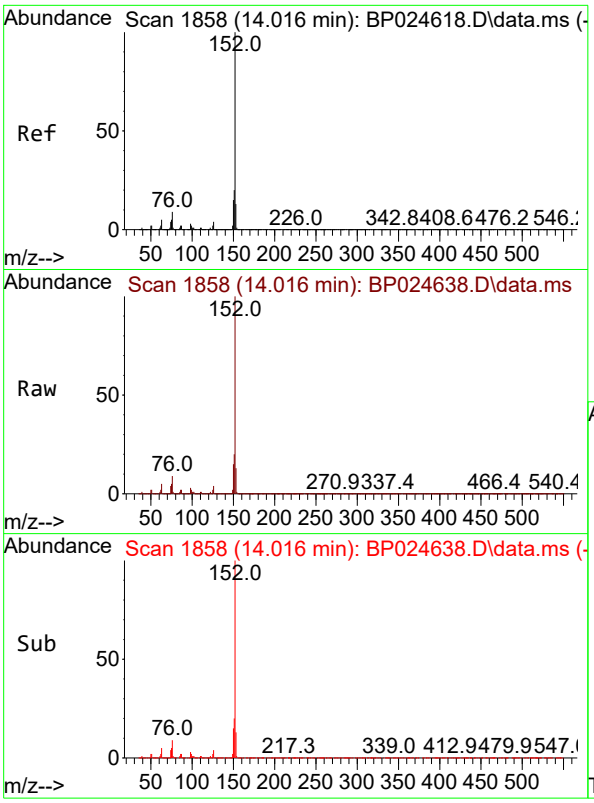


#48
2-Nitroaniline
Concen: 49.362 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion: 65 Resp: 311778

Ion	Ratio	Lower	Upper
65	100		
92	72.1	58.7	88.1
138	117.7	90.2	135.2



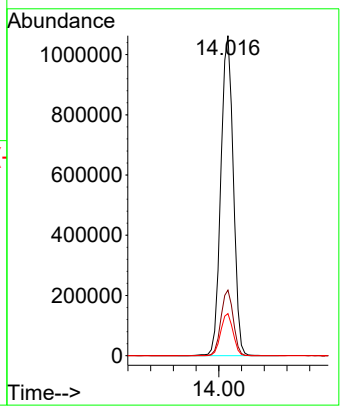


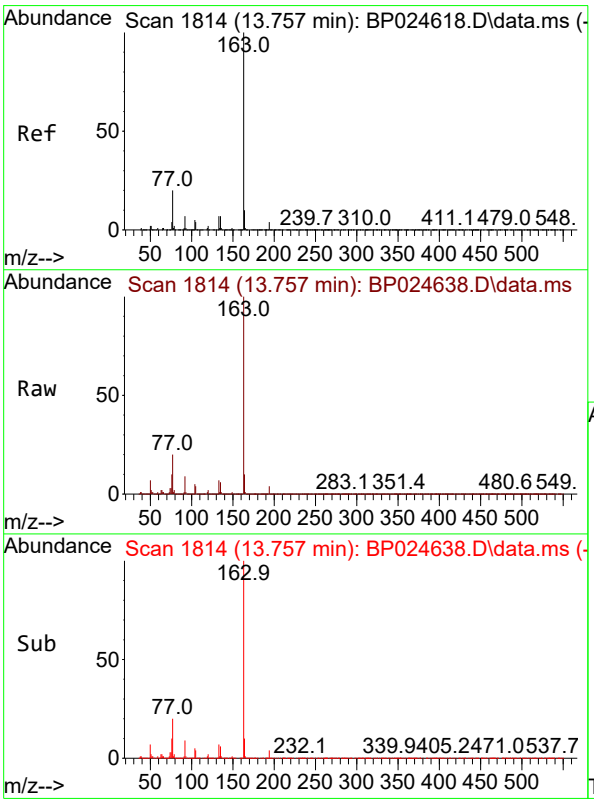
#49
Acenaphthylene
Concen: 45.458 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:152 Resp: 1622957

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.1	10.2	15.4

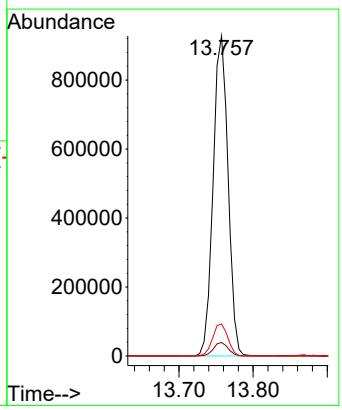


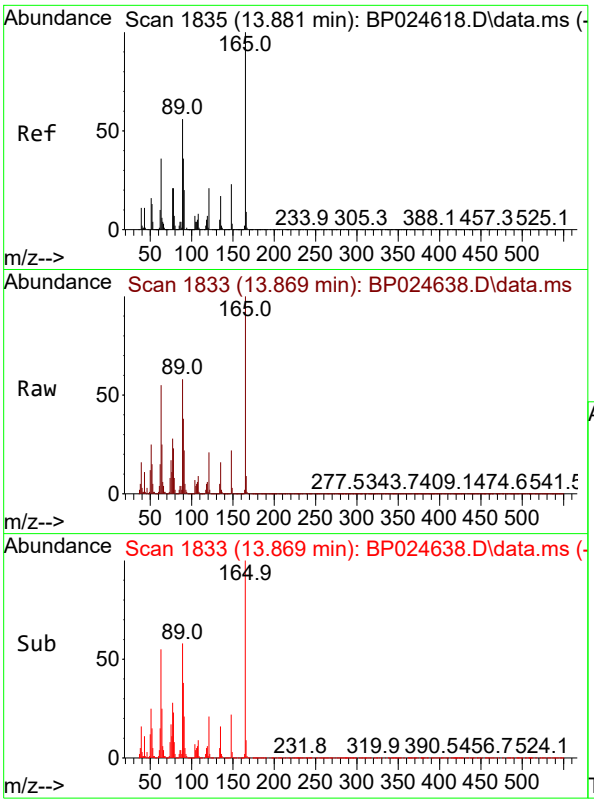


#50
Dimethylphthalate
Concen: 44.935 ng
RT: 13.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:163 Resp: 1296579

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.1	12.1



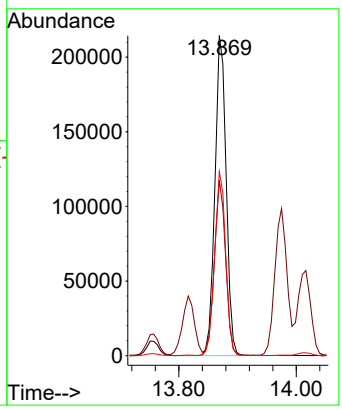


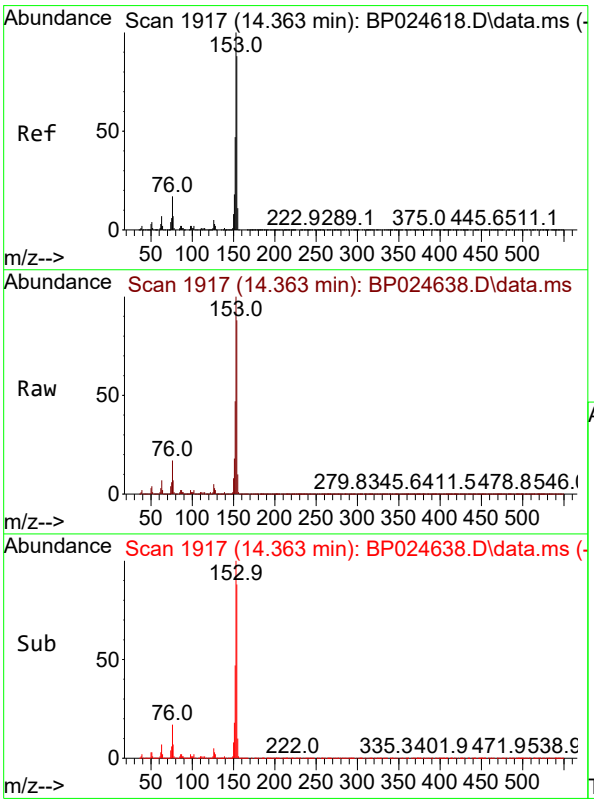
#51
2,6-Dinitrotoluene
Concen: 46.631 ng
RT: 13.869 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:165 Resp: 284162

Ion	Ratio	Lower	Upper
165	100		
63	54.8	42.4	63.6
89	57.5	44.8	67.2

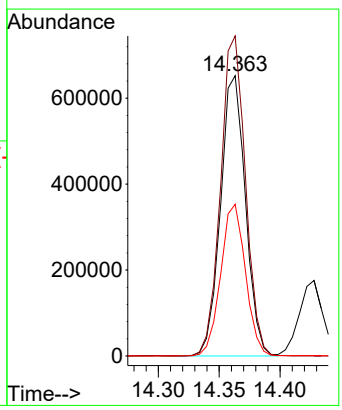


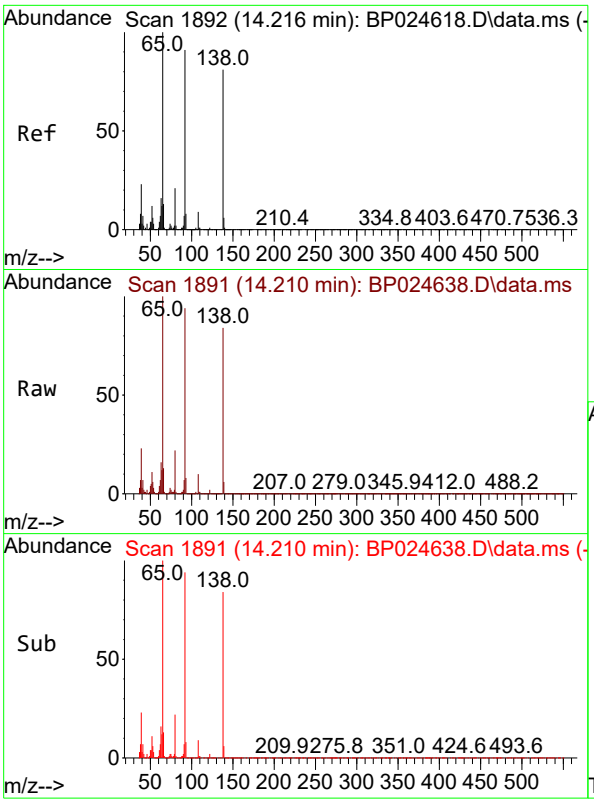


#52
Acenaphthene
Concen: 45.296 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:154 Resp: 929691

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.0	136.4
152	54.1	42.9	64.3



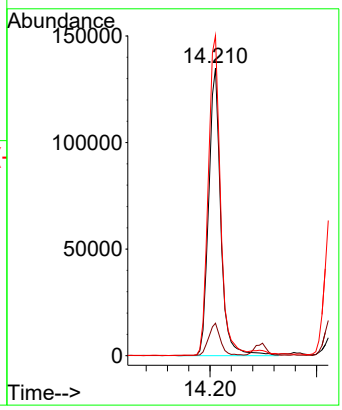


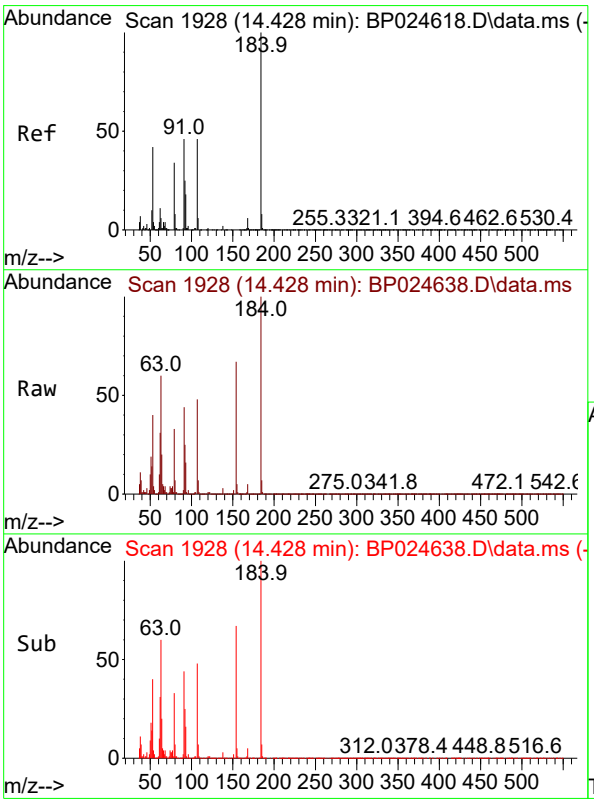
#53
3-Nitroaniline
Concen: 34.141 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:138 Resp: 212436

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.0	13.4
92	111.3	90.1	135.1

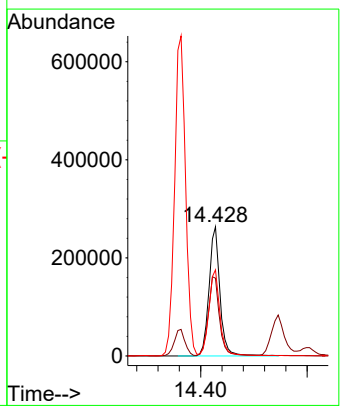


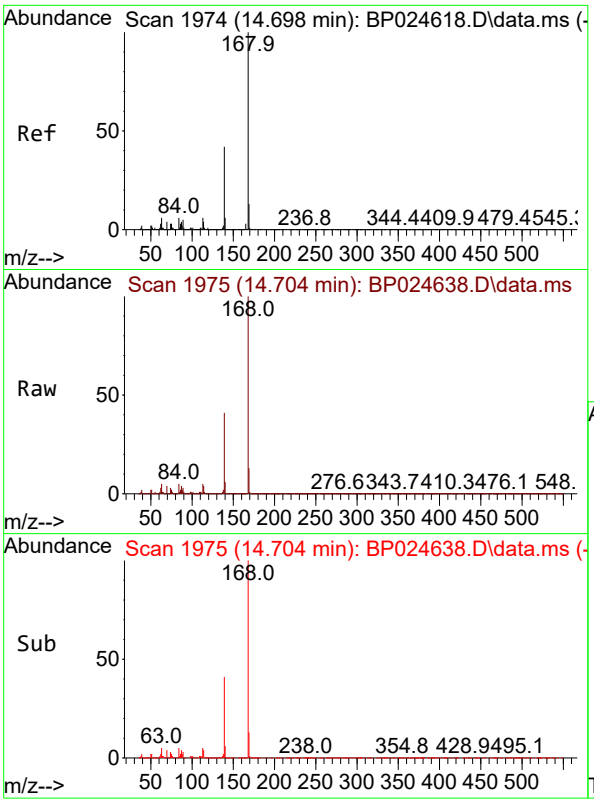


#54
2,4-Dinitrophenol
Concen: 96.168 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:184 Resp: 374950

Ion	Ratio	Lower	Upper
184	100		
63	60.2	51.3	76.9
154	66.7	53.5	80.3



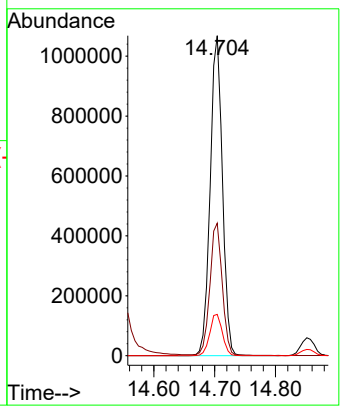


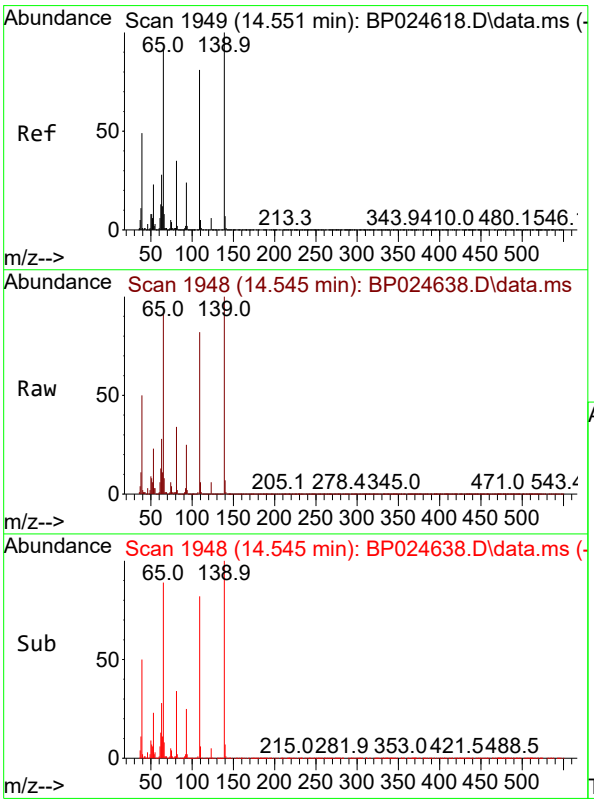
#55
Dibenzofuran
Concen: 45.559 ng
RT: 14.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:168 Resp: 1491506

Ion	Ratio	Lower	Upper
168	100		
139	41.4	34.2	51.4
169	12.9	10.8	16.2

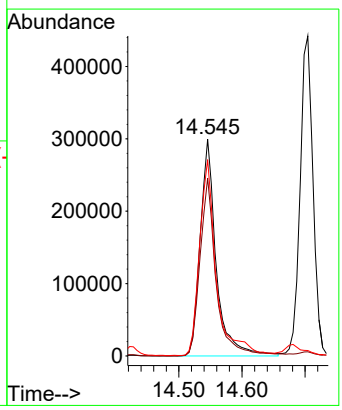


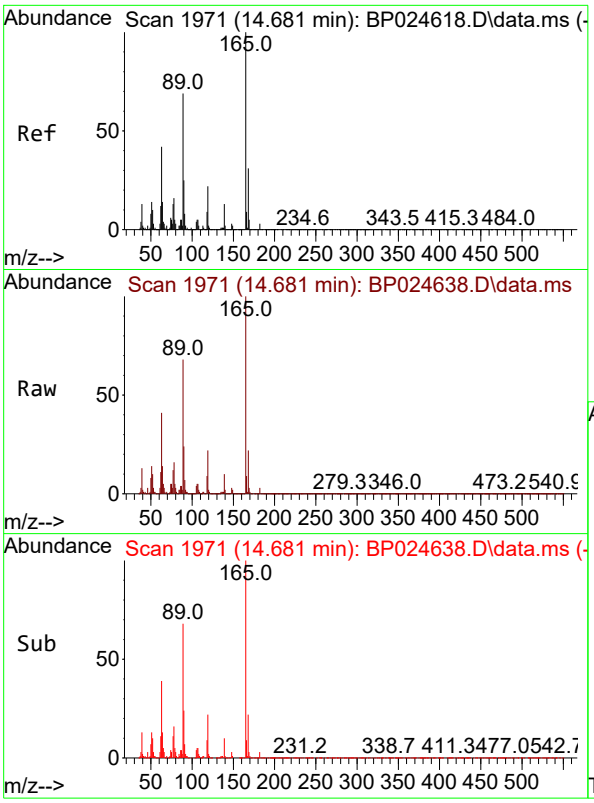


#56
4-Nitrophenol
Concen: 97.134 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:139 Resp: 528415

Ion	Ratio	Lower	Upper
139	100		
109	82.0	61.4	101.4
65	90.6	72.2	112.2



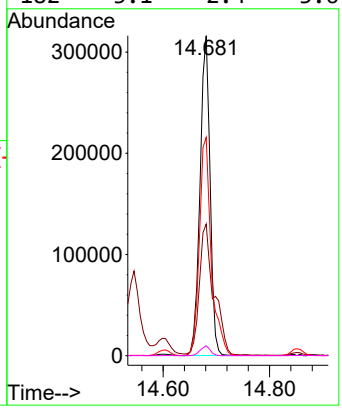


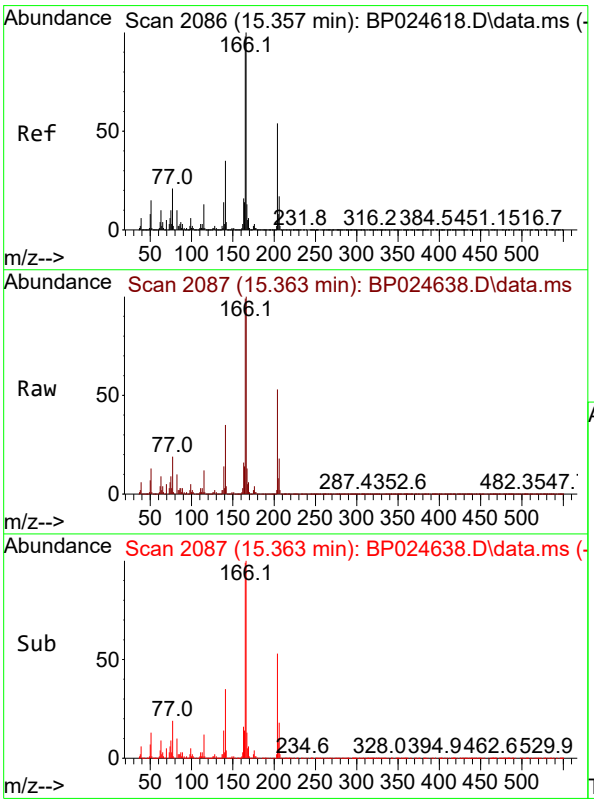
#57
2,4-Dinitrotoluene
Concen: 47.851 ng
RT: 14.681 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:165 Resp: 411100

Ion	Ratio	Lower	Upper
165	100		
63	41.2	33.8	50.6
89	68.2	55.6	83.4
182	3.1	2.4	3.6

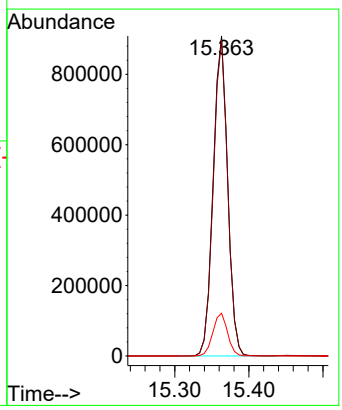


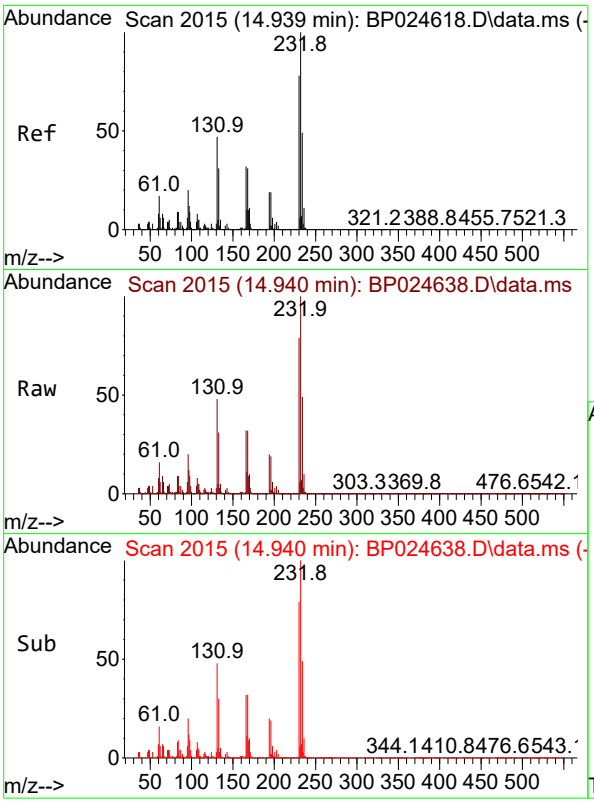


#58
Fluorene
Concen: 46.080 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:166 Resp: 1230074

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.5	117.7
167	13.3	10.7	16.1



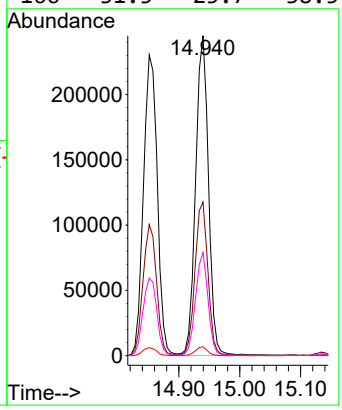


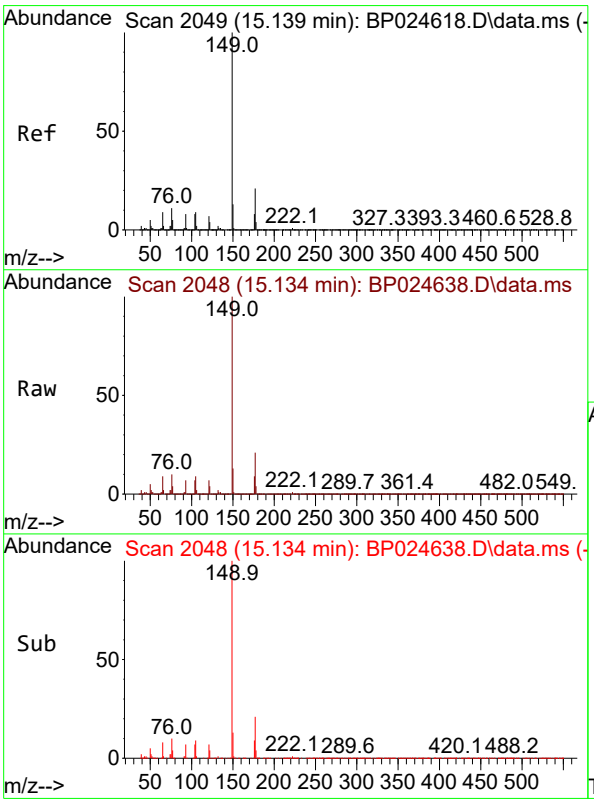
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.714 ng
RT: 14.940 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:232 Resp: 358164

Ion	Ratio	Lower	Upper
232	100		
131	48.3	39.5	59.3
130	2.7	2.2	3.4
166	31.5	25.7	38.5

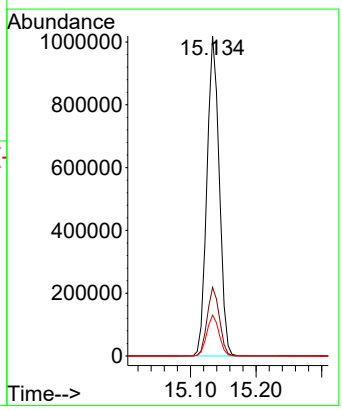


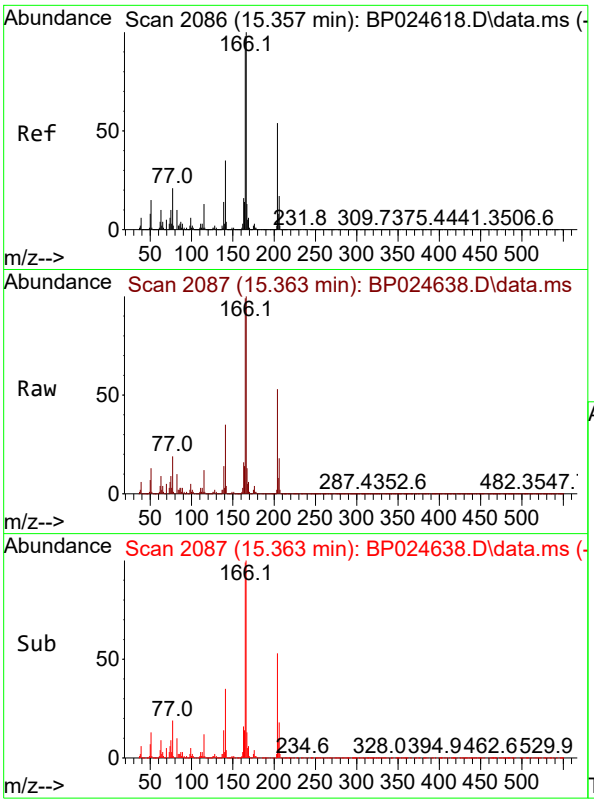


#60
Diethylphthalate
Concen: 45.598 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:149 Resp: 1329786

Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.8	10.2	15.2



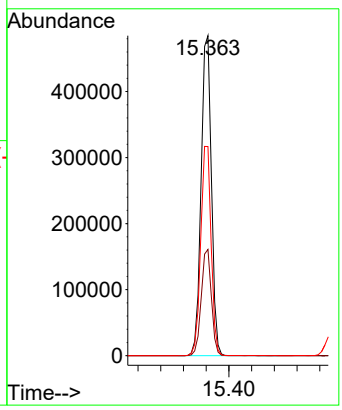


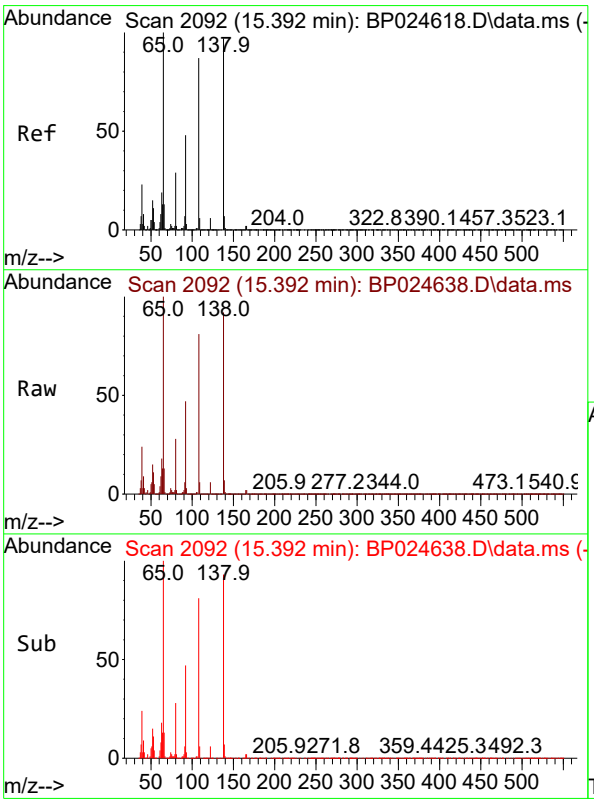
#61
4-Chlorophenyl-phenylether
Concen: 45.689 ng
RT: 15.363 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:204 Resp: 608237

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.0	39.0
141	65.3	52.9	79.3

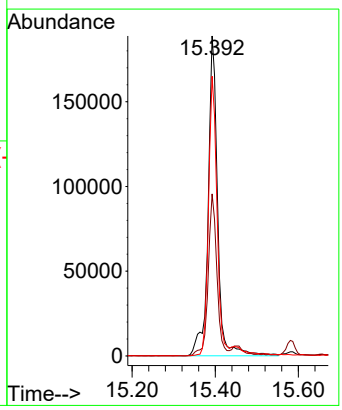


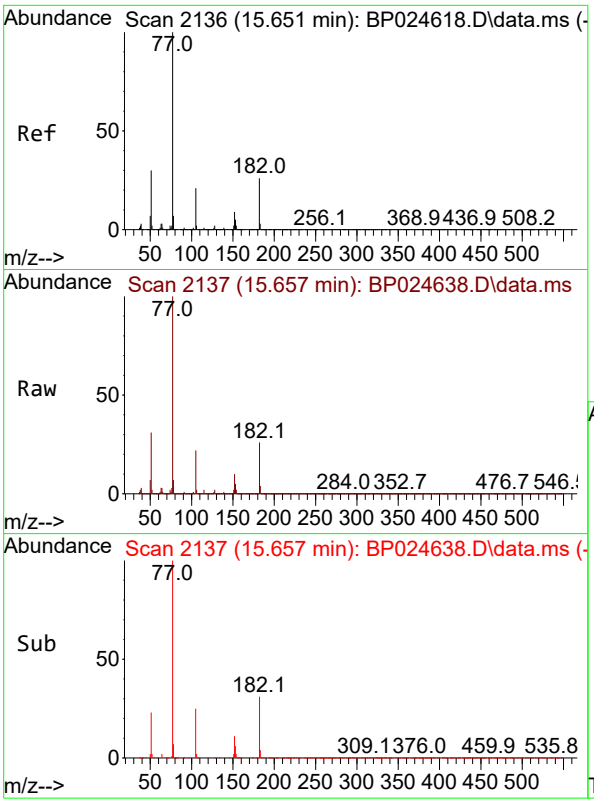


#62
4-Nitroaniline
Concen: 50.169 ng
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:138 Resp: 301420

Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.2	69.2
108	87.4	69.0	109.0



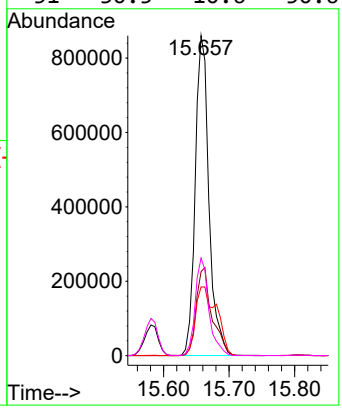


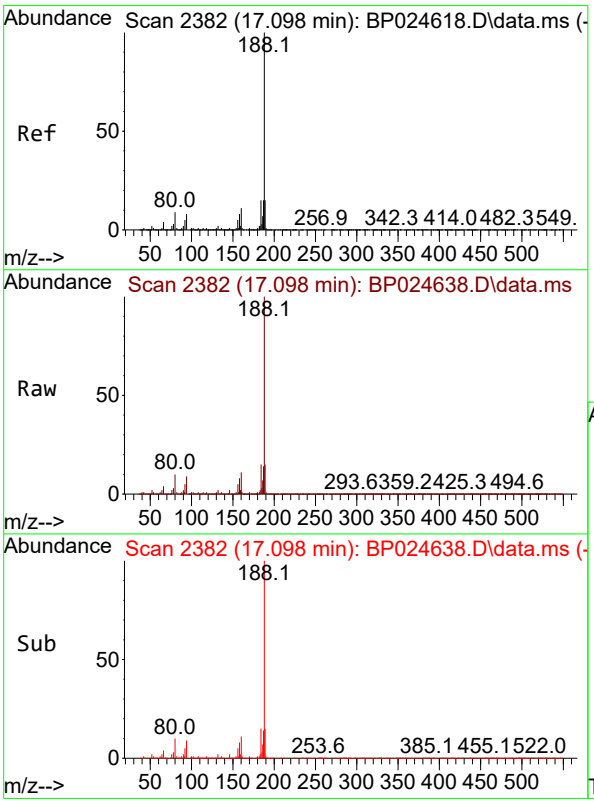
#63
Azobenzene
Concen: 50.138 ng
RT: 15.657 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion: 77 Resp: 1250868

Ion	Ratio	Lower	Upper
77	100		
182	26.3	5.7	45.7
105	21.5	1.3	41.3
51	30.5	10.6	50.6

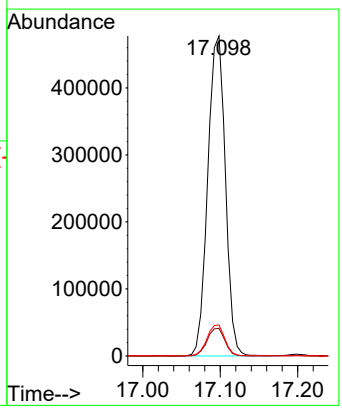


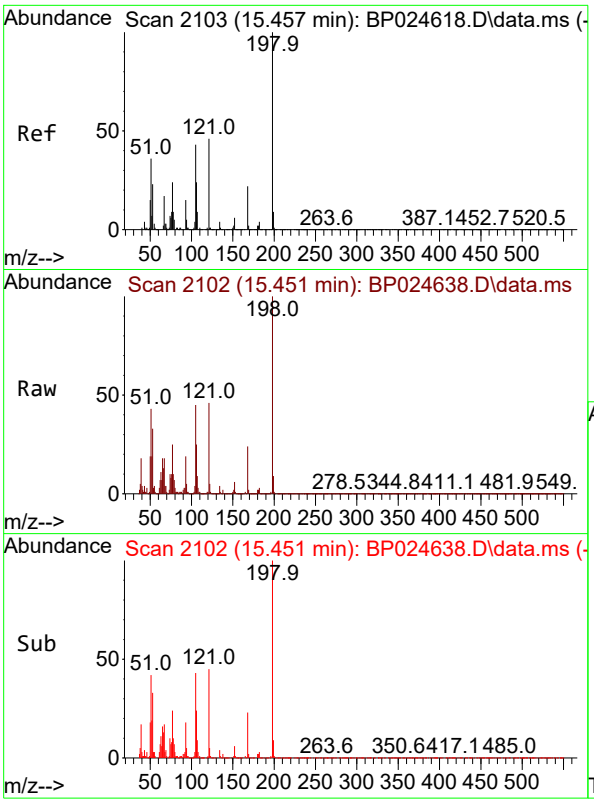


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:188 Resp: 753325

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.5	9.7
80	9.7	7.3	10.9



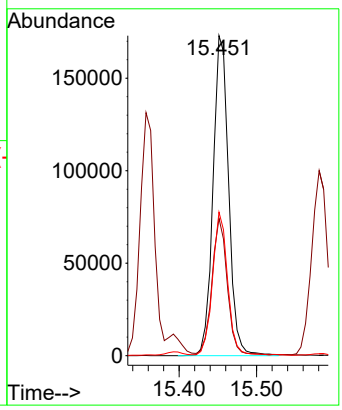


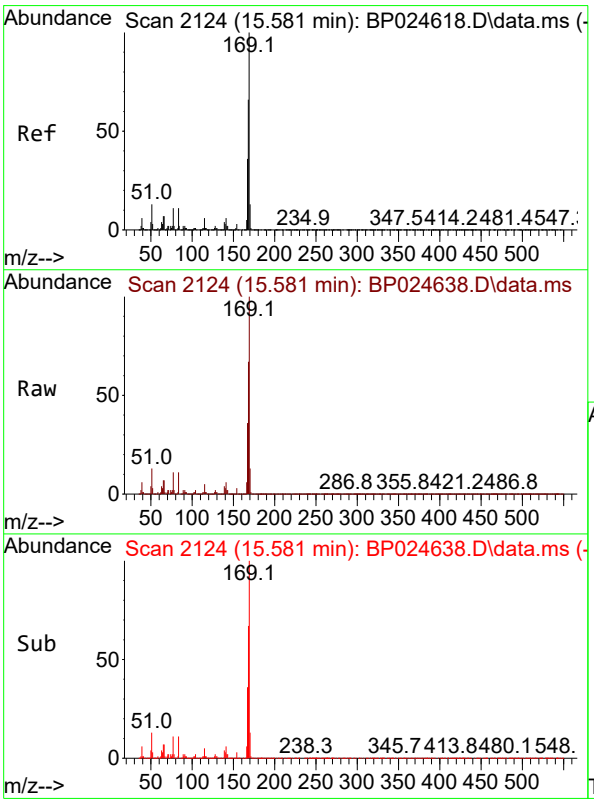
#65
4,6-Dinitro-2-methylphenol
Concen: 49.928 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:198 Resp: 242947

Ion	Ratio	Lower	Upper
198	100		
51	42.9	21.1	61.1
105	44.8	23.6	63.6

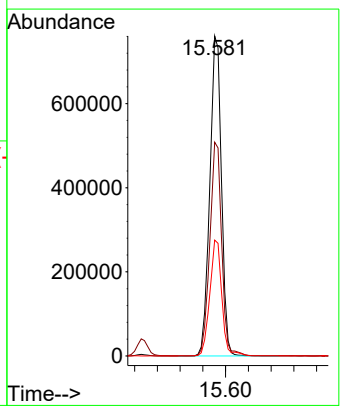


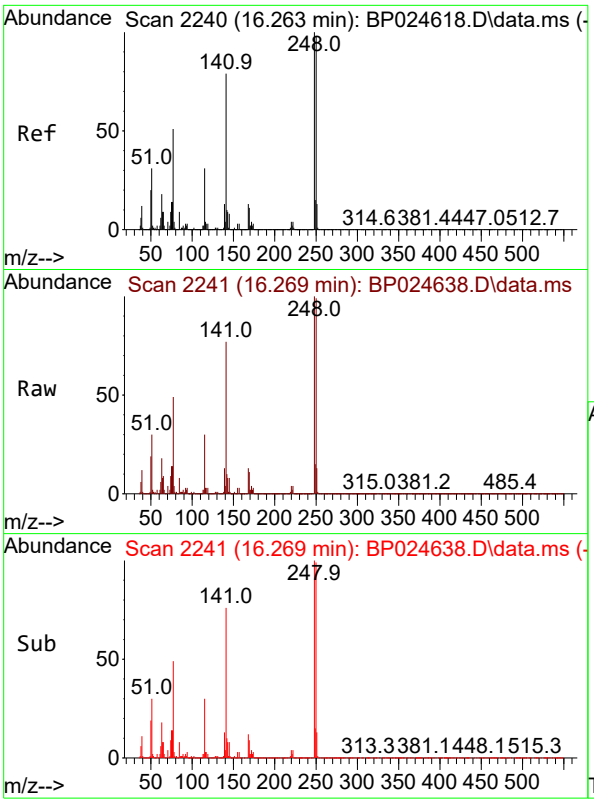


#66
n-Nitrosodiphenylamine
Concen: 46.440 ng
RT: 15.581 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:169 Resp: 1074572

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.2	79.8
167	36.2	28.6	43.0



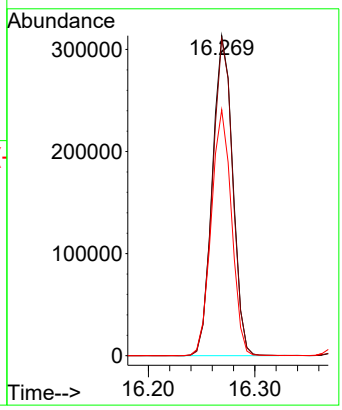


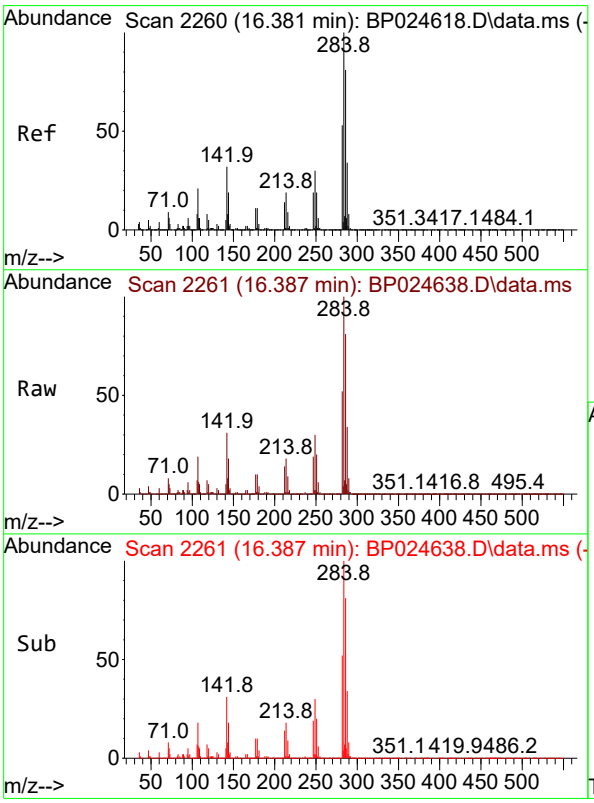
#67
4-Bromophenyl-phenylether
Concen: 46.697 ng
RT: 16.269 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:248 Resp: 414519

Ion	Ratio	Lower	Upper
248	100		
250	99.0	78.2	117.4
141	76.8	63.0	94.6

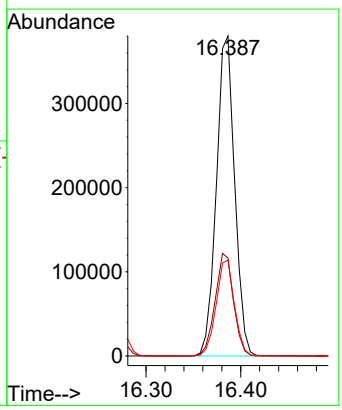


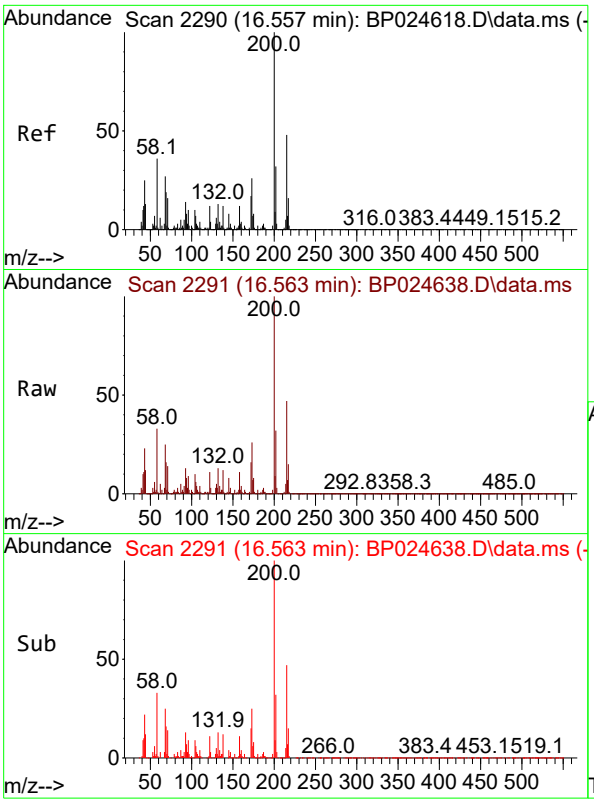


#68
Hexachlorobenzene
Concen: 45.271 ng
RT: 16.387 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:284 Resp: 510643

Ion	Ratio	Lower	Upper
284	100		
142	30.6	25.9	38.9
249	29.9	24.1	36.1



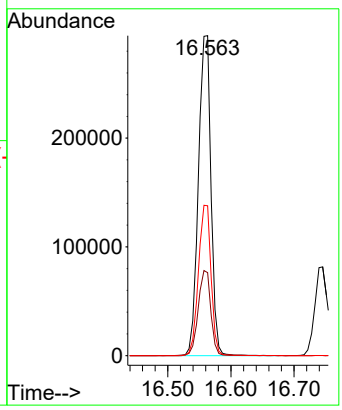


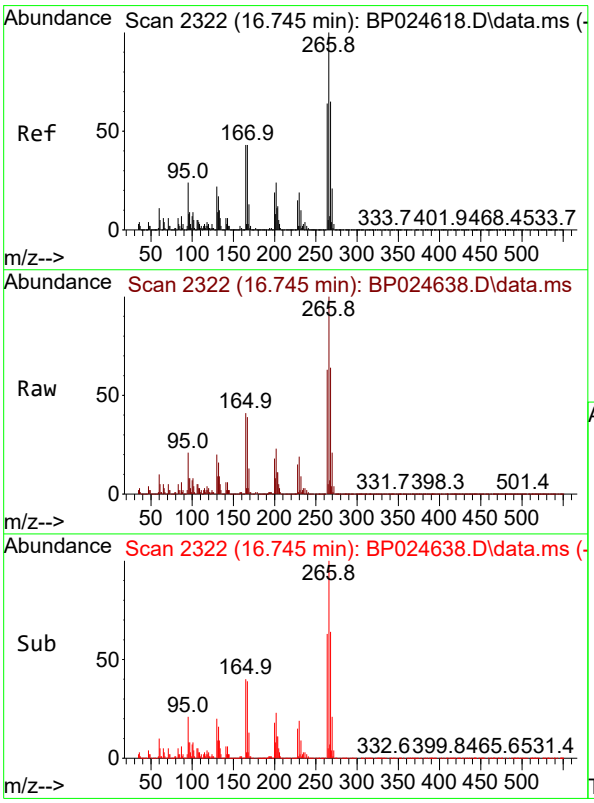
#69
Atrazine
Concen: 47.945 ng
RT: 16.563 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:200 Resp: 406566

Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.9	45.9
215	46.9	28.3	68.3

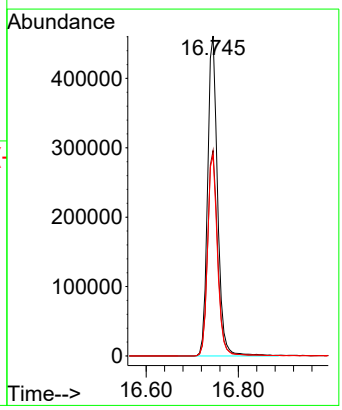


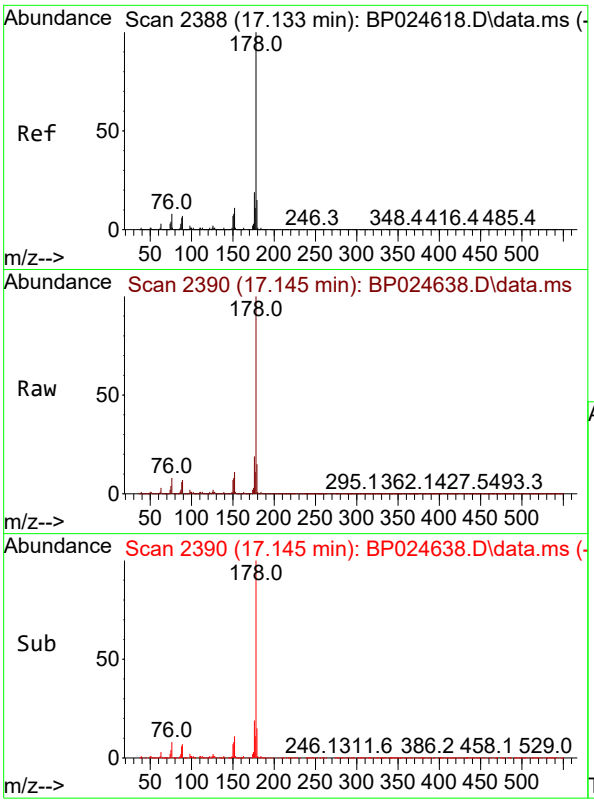


#70
Pentachlorophenol
Concen: 109.894 ng
RT: 16.745 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:266 Resp: 695823

Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.2	78.4
264	62.7	51.1	76.7



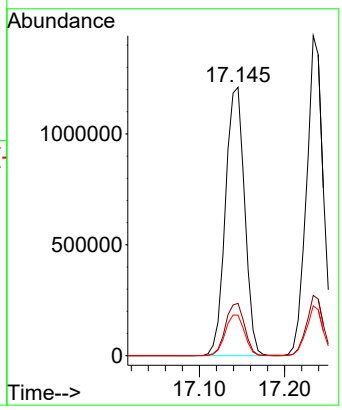


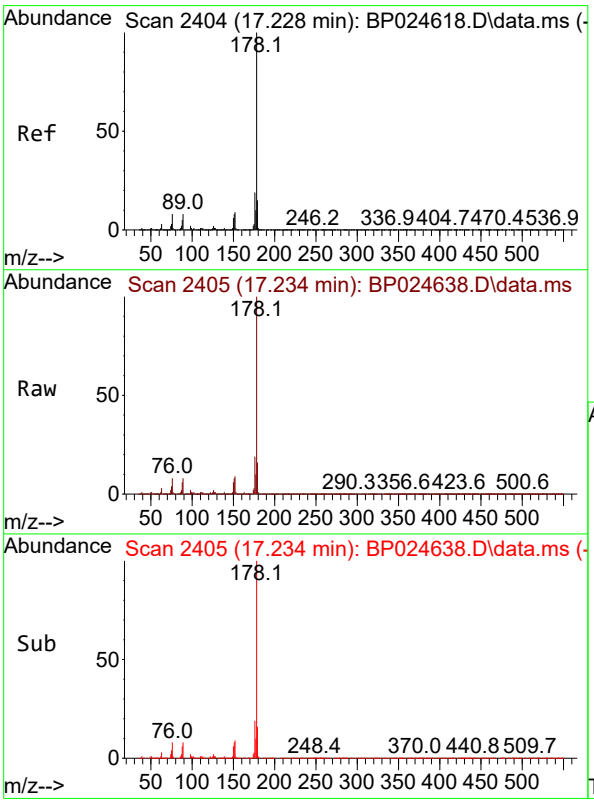
#71
Phenanthrene
Concen: 45.222 ng
RT: 17.145 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:178 Resp: 1893808

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.1	12.2	18.4

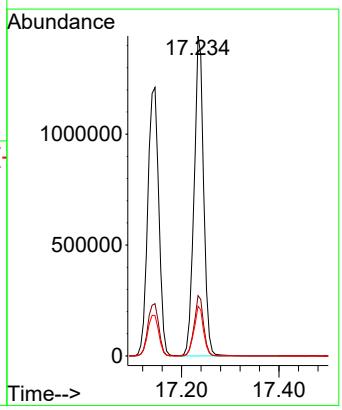


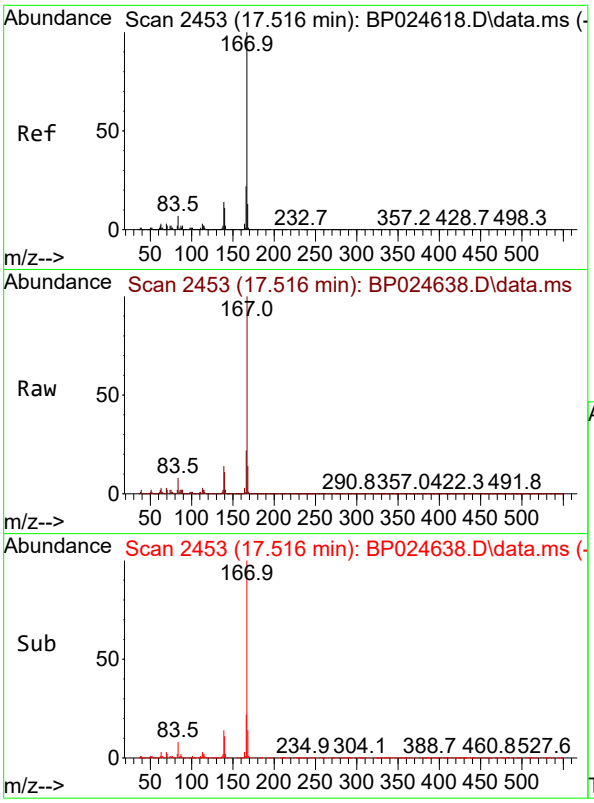


#72
Anthracene
Concen: 46.792 ng
RT: 17.234 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:178 Resp: 1971542

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.6	12.2	18.2



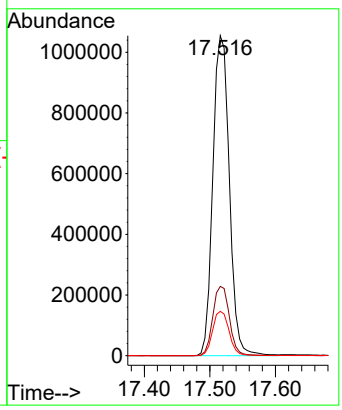


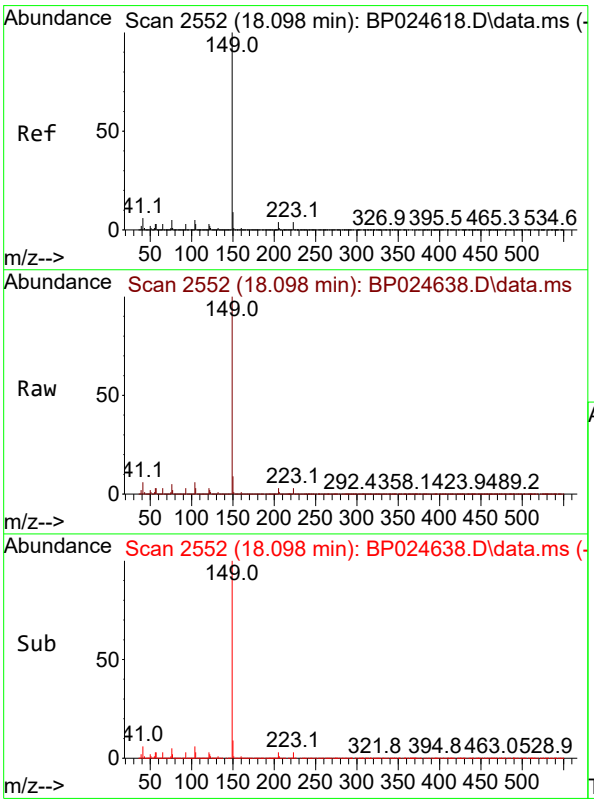
#73
Carbazole
Concen: 48.170 ng
RT: 17.516 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:167 Resp: 1837012

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.7	26.5
139	13.8	11.3	16.9

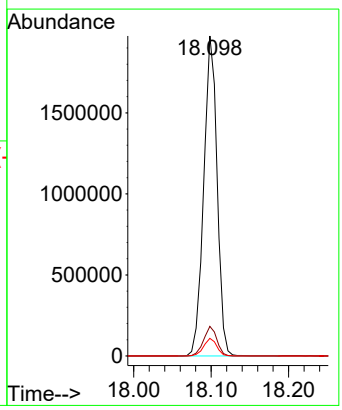


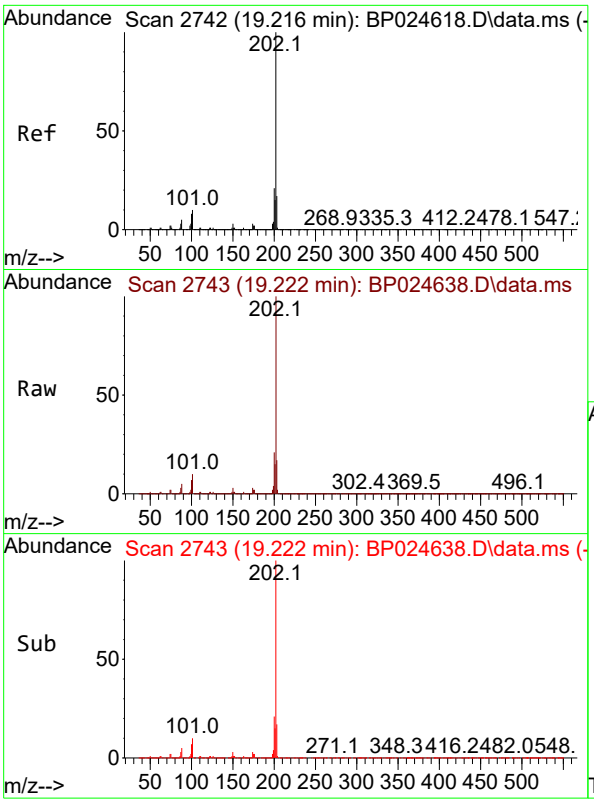


#74
Di-n-butylphthalate
Concen: 48.214 ng
RT: 18.098 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:149 Resp: 2364678

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.5	4.3	6.5



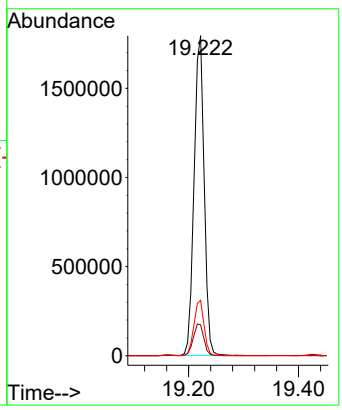


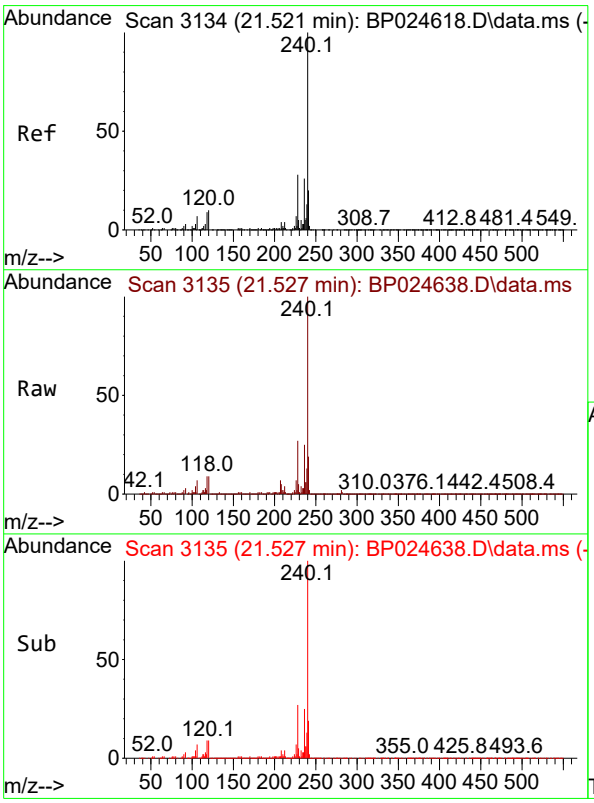
#75
Fluoranthene
Concen: 46.745 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:202 Resp: 2288323

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.3
203	17.3	0.0	37.5

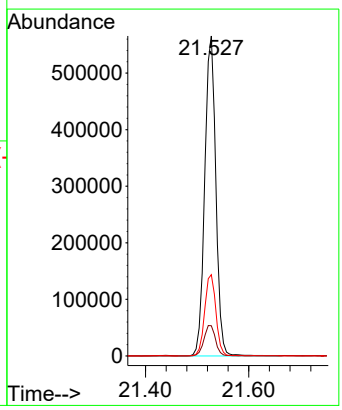


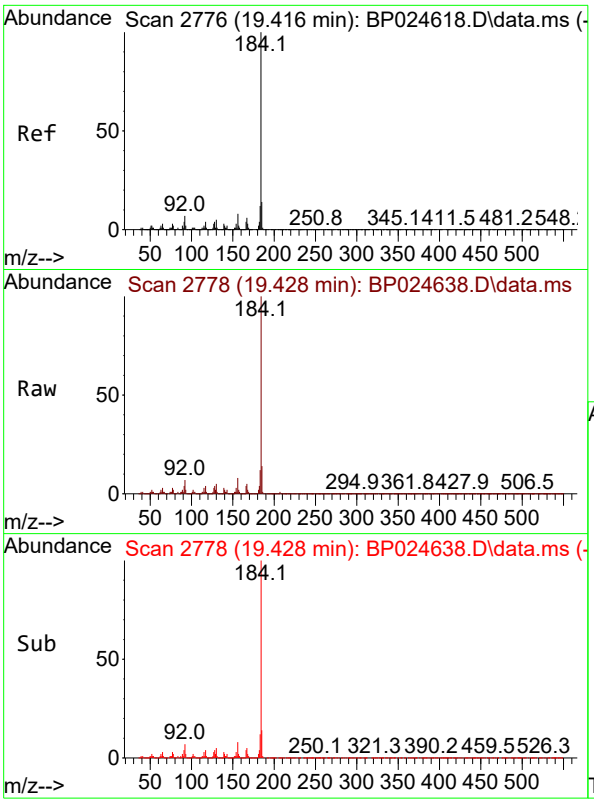


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:240 Resp: 842505

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.8	11.6
236	25.4	20.6	31.0



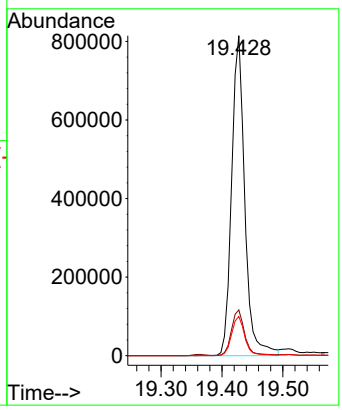


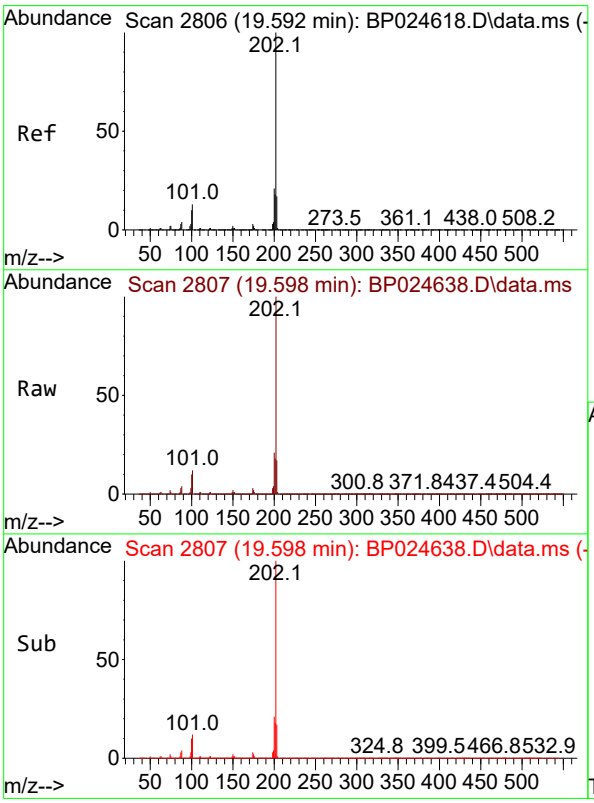
#77
Benzidine
Concen: 53.385 ng
RT: 19.428 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:184 Resp: 1224992

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.2	16.8
183	12.2	9.8	14.8

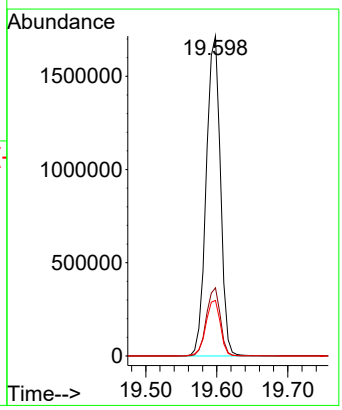


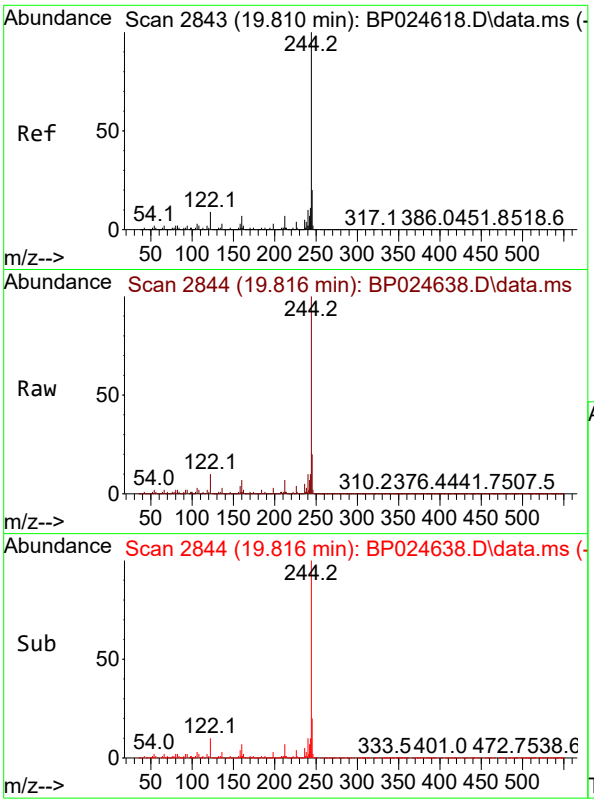


#78
Pyrene
Concen: 47.163 ng
RT: 19.598 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:202 Resp: 2380843

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.4	13.9	20.9



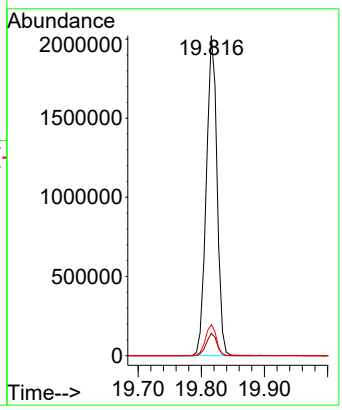


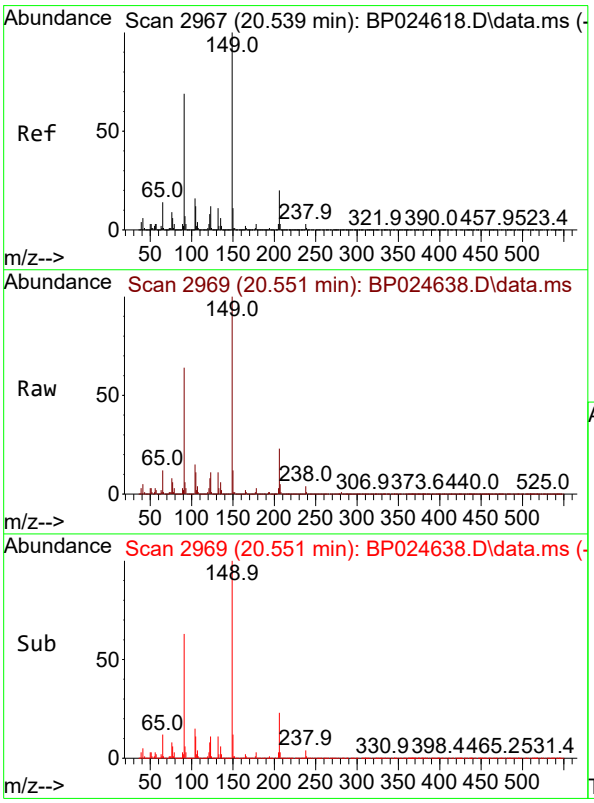
#79
Terphenyl-d14
Concen: 48.697 ng
RT: 19.816 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:244 Resp: 2392705

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.7	7.4	11.0

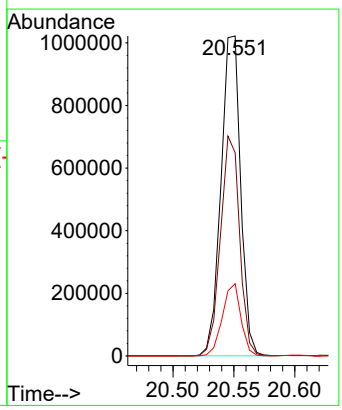


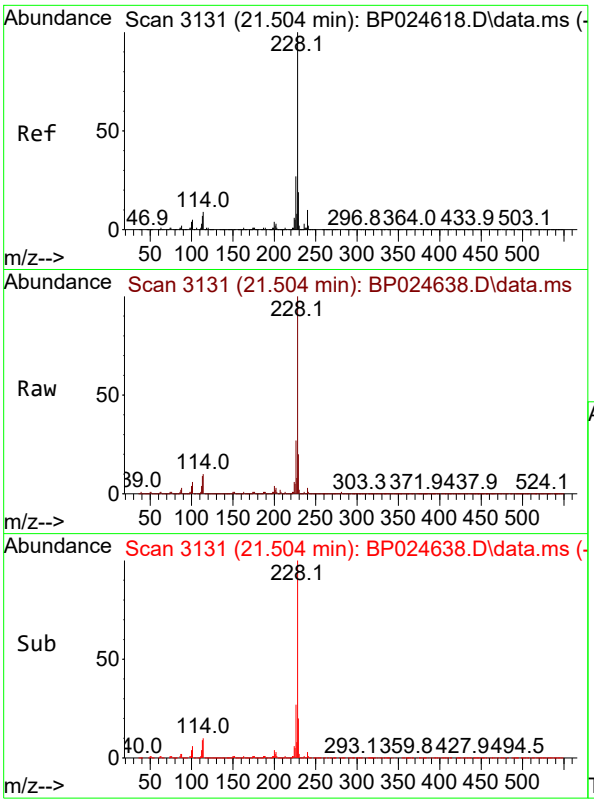


#80
Butylbenzylphthalate
Concen: 51.148 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:149 Resp: 1148313

Ion	Ratio	Lower	Upper
149	100		
91	63.5	55.4	83.0
206	22.6	16.2	24.2



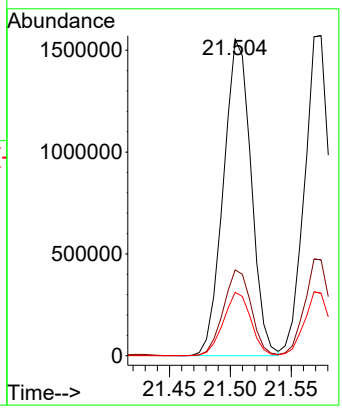


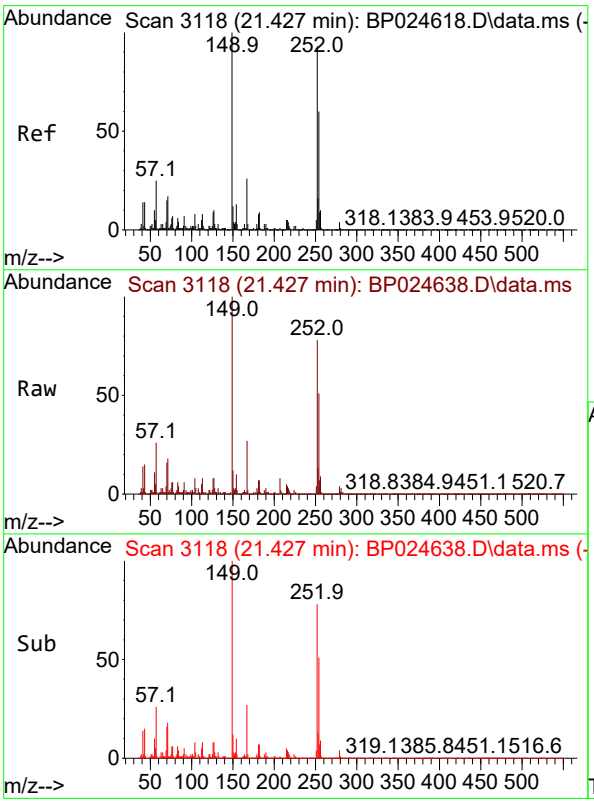
#81
Benzo(a)anthracene
Concen: 46.484 ng
RT: 21.504 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:228 Resp: 2459103

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.0
229	20.0	15.5	23.3

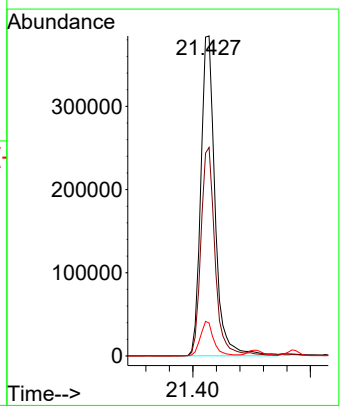


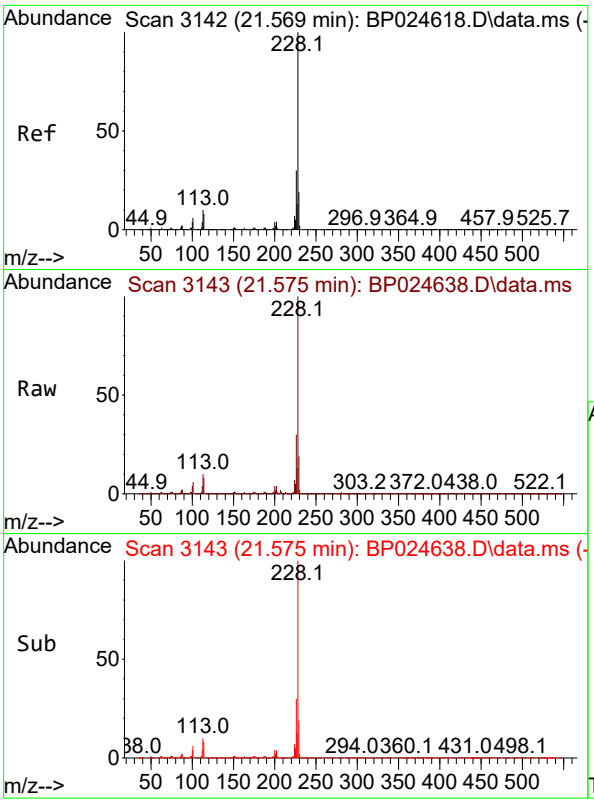


#82
3,3'-Dichlorobenzidine
Concen: 32.874 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:252 Resp: 645946

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.8	77.6
126	10.3	7.7	11.5



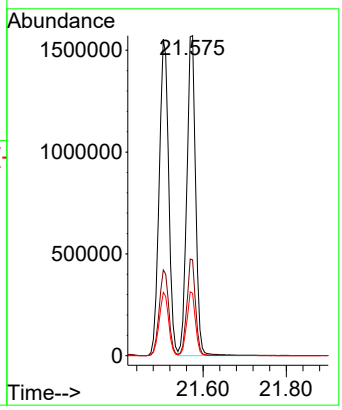


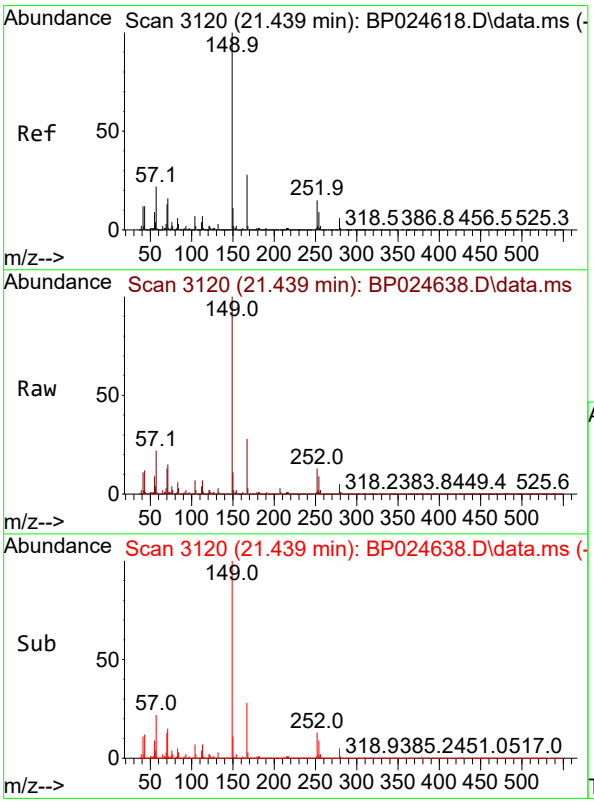
#83
Chrysene
Concen: 45.864 ng
RT: 21.575 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:228 Resp: 2300052

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.5	15.5	23.3

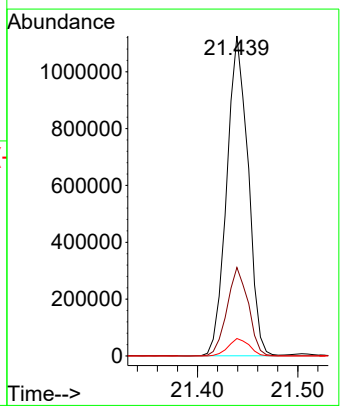


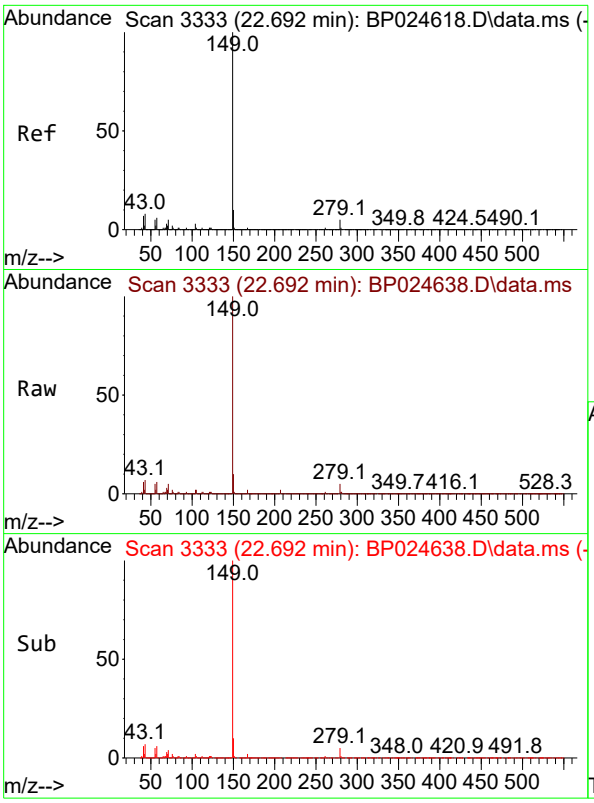


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.290 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:149 Resp: 1659519

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	5.5	4.6	6.8



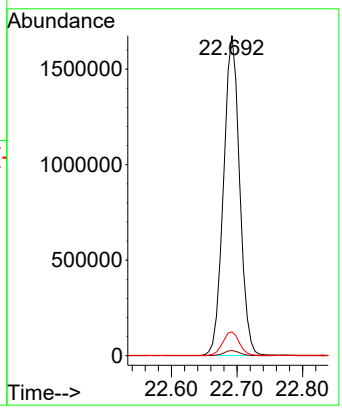


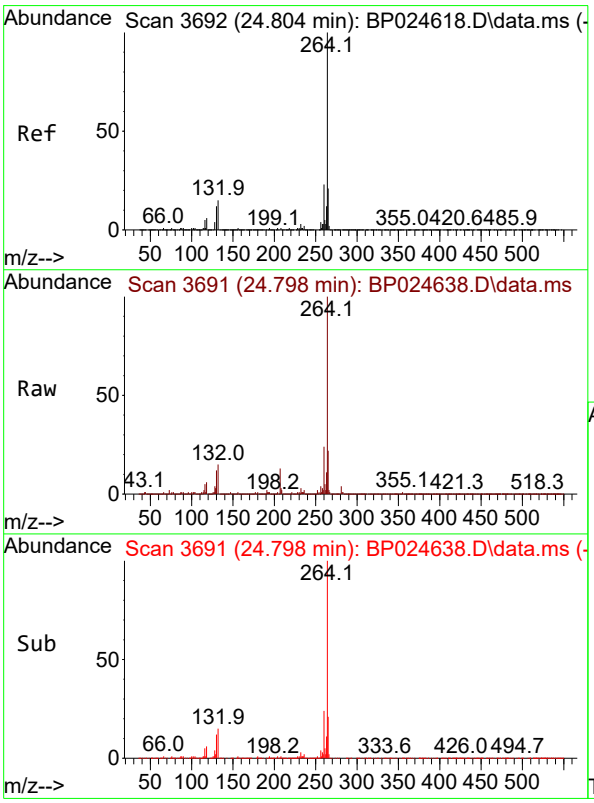
#85
Di-n-octyl phthalate
Concen: 52.847 ng
RT: 22.692 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:149 Resp: 2851767

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.6	6.3	9.5

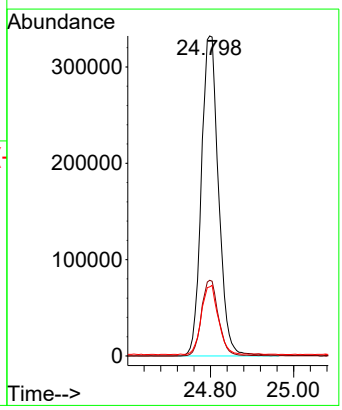


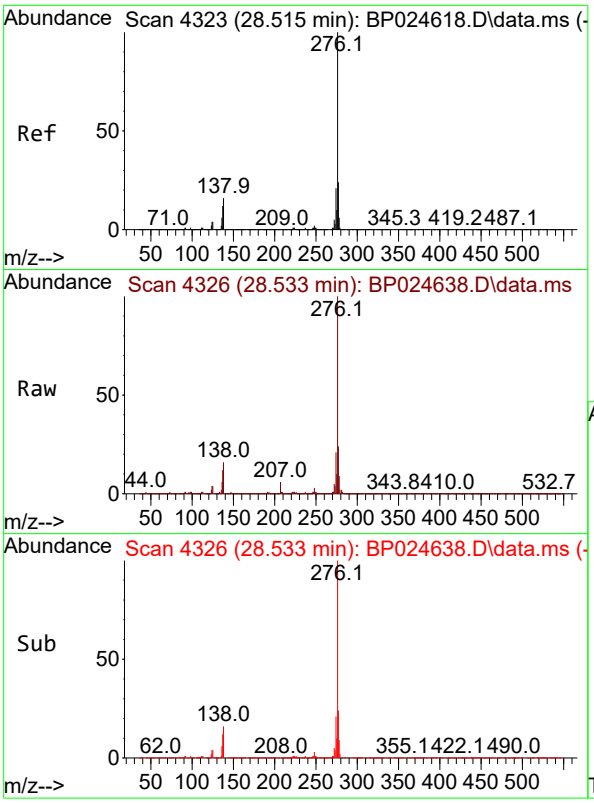


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 3691
Delta R.T. -0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:264 Resp: 953147

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.6	17.0	25.6



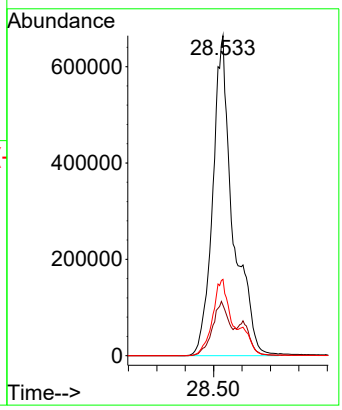


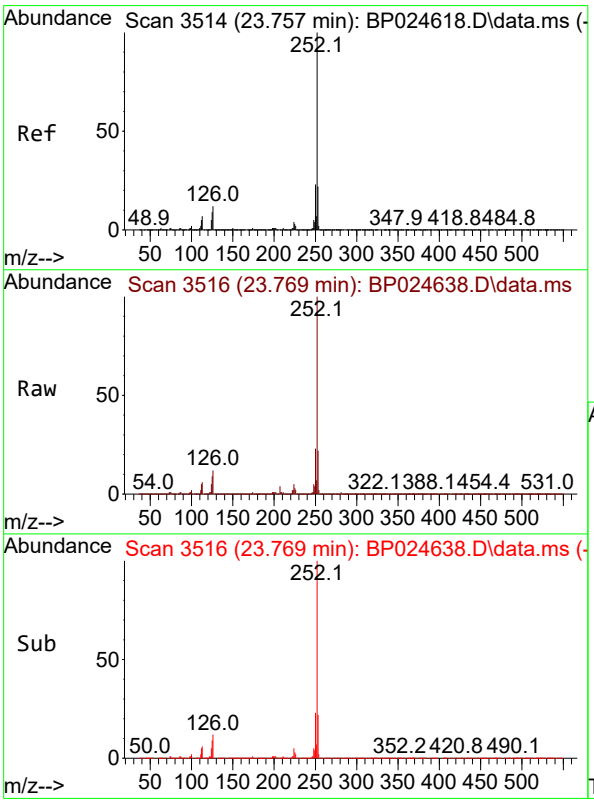
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.287 ng
RT: 28.533 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:276 Resp: 3290454

Ion	Ratio	Lower	Upper
276	100		
138	13.8	11.2	16.8
277	20.7	15.7	23.5

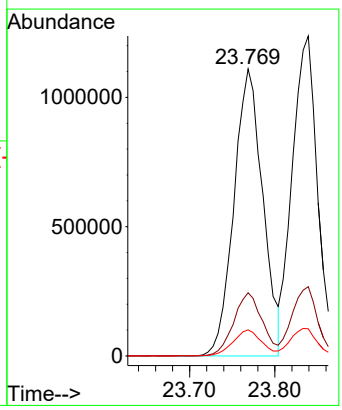


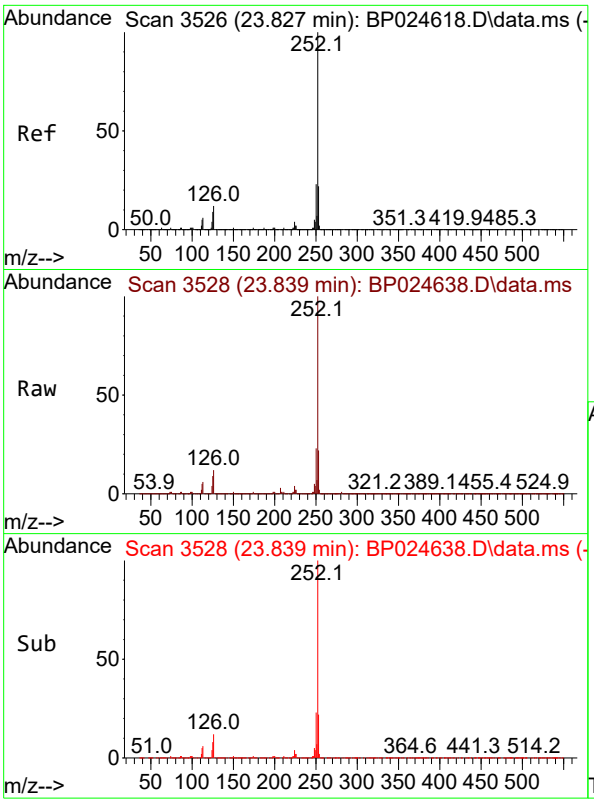


#88
Benzo(b)fluoranthene
Concen: 47.829 ng
RT: 23.769 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:252 Resp: 2609378

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.1	7.5	11.3



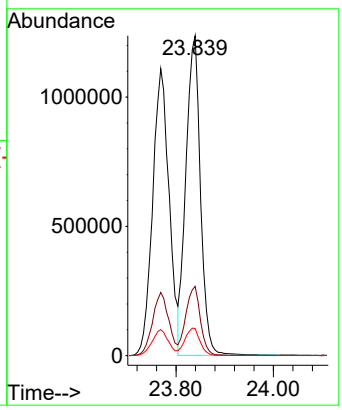


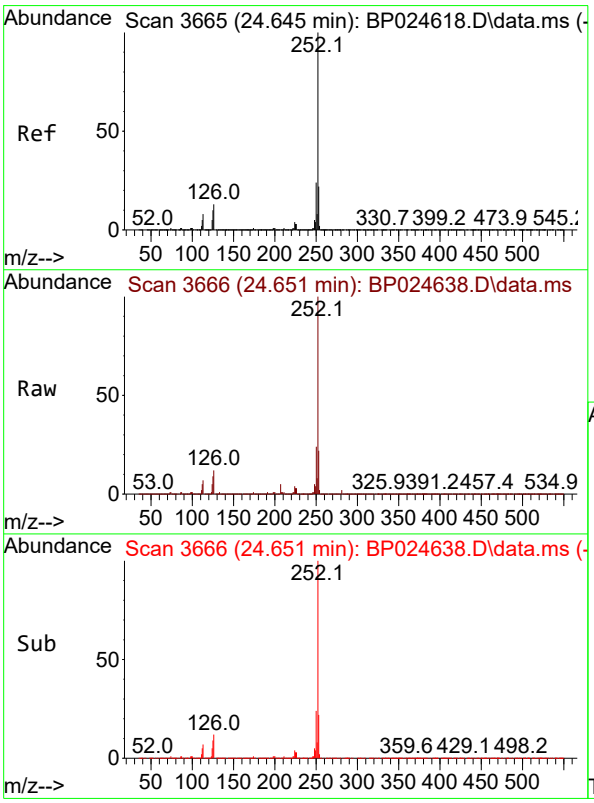
#89
Benzo(k)fluoranthene
Concen: 45.681 ng
RT: 23.839 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:252 Resp: 2568026

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	8.5	7.0	10.4

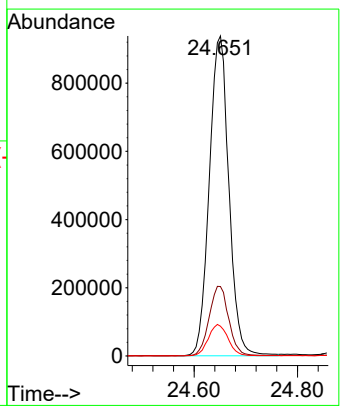


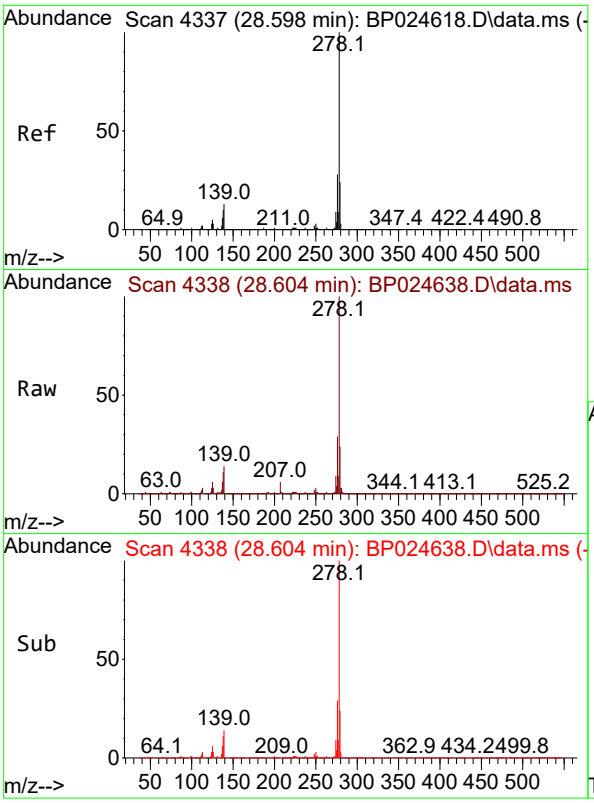


#90
Benzo(a)pyrene
Concen: 46.981 ng
RT: 24.651 min Scan# 3666
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:252 Resp: 2461650

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	9.3	8.1	12.1



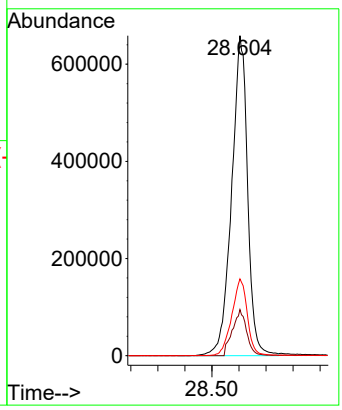


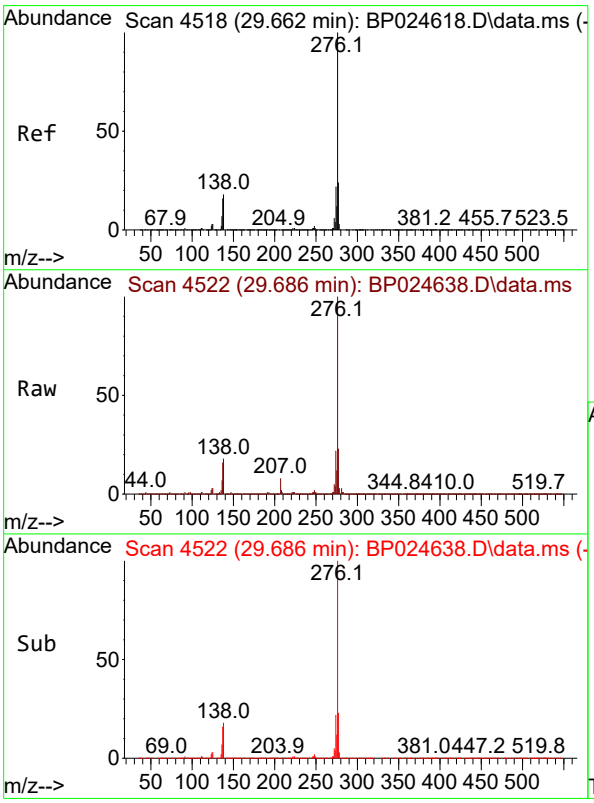
#91
Dibenzo(a,h)anthracene
Concen: 47.603 ng
RT: 28.604 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Instrument :
BNA_P
ClientSampleId :
TP-13MS

Tgt Ion:278 Resp: 2694828

Ion	Ratio	Lower	Upper
278	100		
139	14.4	10.2	15.4
279	24.0	19.0	28.4

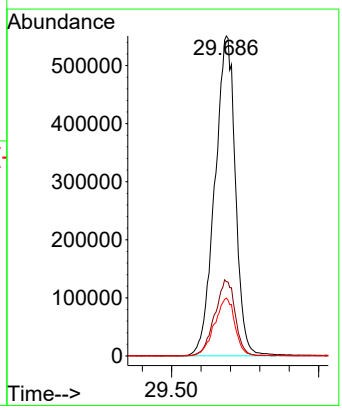




#92
Benzo(g,h,i)perylene
Concen: 47.408 ng
RT: 29.686 min Scan# 4522
Delta R.T. 0.024 min
Lab File: BP024638.D
Acq: 15 May 2025 15:18

Tgt Ion:276 Resp: 2668855

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	18.1	14.4	21.6



Raw Data: **BF142367.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-3MSD	SDG No.:	Q1982
Lab Sample ID:	Q1982-03MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142367.D	1	05/12/25 09:38	05/14/25 15:48	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1500		170	360	ug/Kg
108-95-2	Phenol	1700		24.3	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		26.8	190	ug/Kg
95-57-8	2-Chlorophenol	1700		26.9	190	ug/Kg
95-48-7	2-Methylphenol	1600		32.9	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		41.3	190	ug/Kg
98-86-2	Acetophenone	1500		32.5	190	ug/Kg
65794-96-9	3+4-Methylphenols	1600		45.3	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		52.2	88.1	ug/Kg
67-72-1	Hexachloroethane	1600		19.4	190	ug/Kg
98-95-3	Nitrobenzene	1600		20.2	190	ug/Kg
78-59-1	Isophorone	1600		36.1	190	ug/Kg
88-75-5	2-Nitrophenol	1800		64.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		71.4	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		33.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		31.2	190	ug/Kg
91-20-3	Naphthalene	1500		25.0	190	ug/Kg
106-47-8	4-Chloroaniline	710		39.0	190	ug/Kg
87-68-3	Hexachlorobutadiene	1500		27.9	190	ug/Kg
105-60-2	Caprolactam	2000		57.4	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		31.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	1600		28.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	E	130	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		21.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		32.1	190	ug/Kg
92-52-4	1,1-Biphenyl	1500		24.0	190	ug/Kg
91-58-7	2-Chloronaphthalene	1500		24.8	190	ug/Kg
88-74-4	2-Nitroaniline	1800		53.0	190	ug/Kg
131-11-3	Dimethylphthalate	1600		29.8	190	ug/Kg

Raw Data: **BF142367.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-3MSD	SDG No.:	Q1982
Lab Sample ID:	Q1982-03MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142367.D	1	05/12/25 09:38	05/14/25 15:48	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1500		31.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		37.0	190	ug/Kg
99-09-2	3-Nitroaniline	1300		50.7	190	ug/Kg
83-32-9	Acenaphthene	1700		23.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	4200	E	250	360	ug/Kg
100-02-7	4-Nitrophenol	4100	E	120	360	ug/Kg
132-64-9	Dibenzofuran	1500		25.0	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		55.2	190	ug/Kg
84-66-2	Diethylphthalate	1600		31.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		29.4	190	ug/Kg
86-73-7	Fluorene	1500		27.9	190	ug/Kg
100-01-6	4-Nitroaniline	2300		70.7	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000		110	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		36.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		30.6	190	ug/Kg
118-74-1	Hexachlorobenzene	1500		27.9	190	ug/Kg
1912-24-9	Atrazine	1900		37.4	190	ug/Kg
87-86-5	Pentachlorophenol	3700	E	56.5	360	ug/Kg
85-01-8	Phenanthrene	1500		23.0	190	ug/Kg
120-12-7	Anthracene	1500		36.7	190	ug/Kg
86-74-8	Carbazole	1600		34.4	190	ug/Kg
84-74-2	Di-n-butylphthalate	1900		52.8	190	ug/Kg
206-44-0	Fluoranthene	1700		33.0	190	ug/Kg
129-00-0	Pyrene	1400		39.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	2000		78.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		40.4	360	ug/Kg
56-55-3	Benzo(a)anthracene	1500		25.3	190	ug/Kg
218-01-9	Chrysene	1600		21.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		65.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		95.6	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		20.9	190	ug/Kg

Raw Data: **BF142367.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-3MSD	SDG No.:	Q1982
Lab Sample ID:	Q1982-03MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142367.D	1	05/12/25 09:38	05/14/25 15:48	PB167953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1700		24.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	1600		32.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		32.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		30.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		28.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		28.2	190	ug/Kg
123-91-1	1,4-Dioxane	1300		49.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		30.2	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	76.0		18 - 112	51%	SPK: 150
13127-88-3	Phenol-d6	77.9		15 - 107	52%	SPK: 150
4165-60-0	Nitrobenzene-d5	50.0		18 - 107	50%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.5		20 - 109	45%	SPK: 100
118-79-6	2,4,6-Tribromophenol	89.1		10 - 116	59%	SPK: 150
1718-51-0	Terphenyl-d14	44.1		10 - 105	44%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	163000	6.898			
1146-65-2	Naphthalene-d8	663000	8.186			
15067-26-2	Acenaphthene-d10	384000	9.939			
1517-22-2	Phenanthrene-d10	696000	11.427			
1719-03-5	Chrysene-d12	505000	14.068			
1520-96-3	Perylene-d12	464000	15.557			

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\BF051425\
Data File : BF142367.D
Acq On : 14 May 2025 15:48
Operator : RC/JU
Sample : Q1982-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Quant Time: May 14 16:18:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	163411	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	663275	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	383694	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	695642	20.000	ng	0.00
76) Chrysene-d12	14.068	240	504507	20.000	ng	0.00
86) Perylene-d12	15.557	264	463876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	727810	76.031	ng	0.00
7) Phenol-d6	6.522	99	917285	77.911	ng	0.00
23) Nitrobenzene-d5	7.463	82	543317	49.957	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	329981	89.076	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1223365	45.462	ng	0.00
79) Terphenyl-d14	13.010	244	1503921	44.122	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	147968	34.326	ng	99
3) Pyridine	3.451	79	404047	39.923	ng	98
4) n-Nitrosodimethylamine	3.404	42	233999	39.781	ng	96
6) Aniline	6.563	93	610214	52.841	ng	99
8) 2-Chlorophenol	6.681	128	464357	45.395	ng	98
9) Benzaldehyde	6.445	77	279913	40.621	ng	99
10) Phenol	6.534	94	592200	47.452	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	427498	34.736	ng	97
12) 1,3-Dichlorobenzene	6.839	146	482962	41.269	ng	98
13) 1,4-Dichlorobenzene	6.916	146	490447	41.739	ng	99
14) 1,2-Dichlorobenzene	7.069	146	475638	42.172	ng	99
15) Benzyl Alcohol	7.039	79	372562	48.868	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	750259	40.823	ng	100
17) 2-Methylphenol	7.145	107	366691	44.277	ng	100
18) Hexachloroethane	7.416	117	170553	43.625	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	312261	42.877	ng	99
20) 3+4-Methylphenols	7.298	107	461691	44.669	ng	95
22) Acetophenone	7.310	105	599580	40.656	ng	99
24) Nitrobenzene	7.481	77	460221	44.892	ng	98
25) Isophorone	7.722	82	870718	42.279	ng	100
26) 2-Nitrophenol	7.798	139	241919	48.876	ng	99
27) 2,4-Dimethylphenol	7.833	122	447816	43.249	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	545344	41.181	ng	99
29) 2,4-Dichlorophenol	8.039	162	404695	45.972	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	413037	41.691	ng	99
31) Naphthalene	8.204	128	1348598	41.952	ng	100
32) Benzoic acid	7.939	122	301339	52.709	ng	99
33) 4-Chloroaniline	8.251	127	254396	19.394	ng	99
34) Hexachlorobutadiene	8.322	225	246231	41.973	ng	99
35) Caprolactam	8.616	113	140852m	54.900	ng	
36) 4-Chloro-3-methylphenol	8.728	107	424687	46.409	ng	99
37) 2-Methylnaphthalene	8.898	142	860980	43.103	ng	99
38) 1-Methylnaphthalene	8.998	142	882557	42.391	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	420929	39.280	ng	99
41) Hexachlorocyclopentadiene	9.051	237	575524	86.900	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	304019	44.977	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142367.D
Acq On : 14 May 2025 15:48
Operator : RC/JU
Sample : Q1982-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Quant Time: May 14 16:18:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

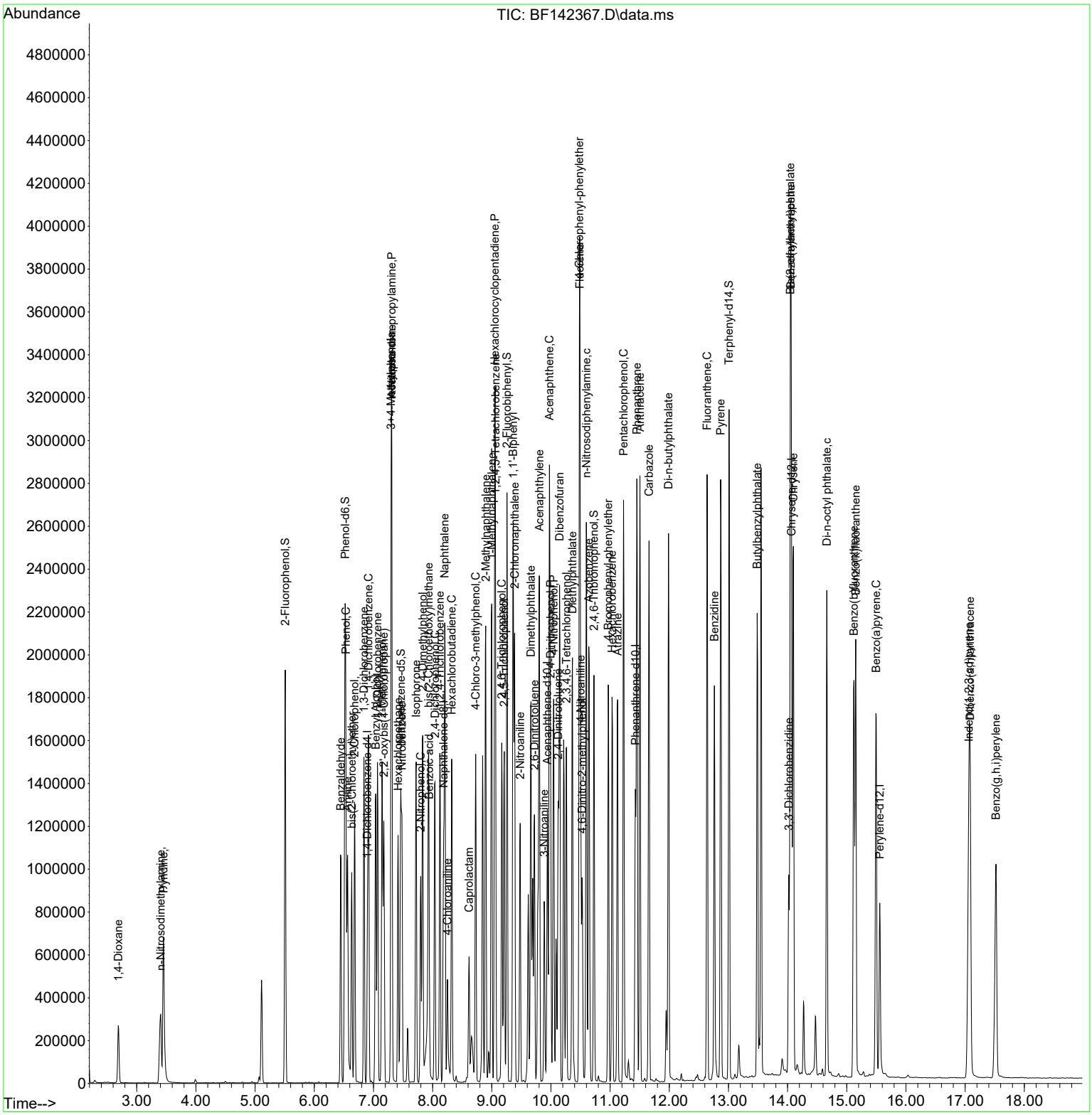
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	329488	45.813	ng		99
46) 1,1'-Biphenyl	9.363	154	1179021	40.076	ng		99
47) 2-Chloronaphthalene	9.386	162	876771	40.075	ng		99
48) 2-Nitroaniline	9.480	65	278721	49.701	ng		93
49) Acenaphthylene	9.804	152	1503613	41.083	ng		100
50) Dimethylphthalate	9.663	163	1087910	44.156	ng		100
51) 2,6-Dinitrotoluene	9.722	165	235845	51.140	ng		91
52) Acenaphthene	9.975	154	1015493	46.144	ng		99
53) 3-Nitroaniline	9.886	138	197625	36.538	ng		95
54) 2,4-Dinitrophenol	9.992	184	287471	115.398	ng	#	3
55) Dibenzofuran	10.145	168	1338806	41.222	ng		99
56) 4-Nitrophenol	10.045	139	457871	112.478	ng		96
57) 2,4-Dinitrotoluene	10.122	165	336965	56.961	ng		96
58) Fluorene	10.486	166	1029226	41.525	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	285508	48.088	ng		98
60) Diethylphthalate	10.363	149	1099801	44.698	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	505137	42.242	ng		100
62) 4-Nitroaniline	10.504	138	266492	62.165	ng		99
63) Azobenzene	10.639	77	1047634	44.557	ng		98
65) 4,6-Dinitro-2-methylph...	10.527	198	177334	53.686	ng		99
66) n-Nitrosodiphenylamine	10.598	169	943012	40.738	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	331117	41.999	ng		99
68) Hexachlorobenzene	11.033	284	363982	41.971	ng		98
69) Atrazine	11.127	200	311861	51.109	ng		100
70) Pentachlorophenol	11.227	266	460619	100.965	ng		98
71) Phenanthrene	11.451	178	1517989	41.630	ng		100
72) Anthracene	11.504	178	1560663	41.655	ng		100
73) Carbazole	11.657	167	1466489	43.628	ng		100
74) Di-n-butylphthalate	11.986	149	1809368	51.191	ng		100
75) Fluoranthene	12.639	202	1657698	45.479	ng		100
77) Benzidine	12.763	184	1021921	111.462	ng		98
78) Pyrene	12.868	202	1674701	37.293	ng		100
80) Butylbenzylphthalate	13.486	149	716198	54.143	ng		99
81) Benzo(a)anthracene	14.057	228	1348952	41.287	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	288195	37.931	ng		98
83) Chrysene	14.098	228	1288523	42.364	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	983412	56.774	ng		100
85) Di-n-octyl phthalate	14.662	149	1530562	49.457	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1201187	37.225	ng		99
88) Benzo(b)fluoranthene	15.121	252	1206700	42.951	ng		99
89) Benzo(k)fluoranthene	15.151	252	1158689	45.067	ng		100
90) Benzo(a)pyrene	15.498	252	1117294	44.379	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	992131	37.216	ng		98
92) Benzo(g,h,i)perylene	17.521	276	924006	34.922	ng		99

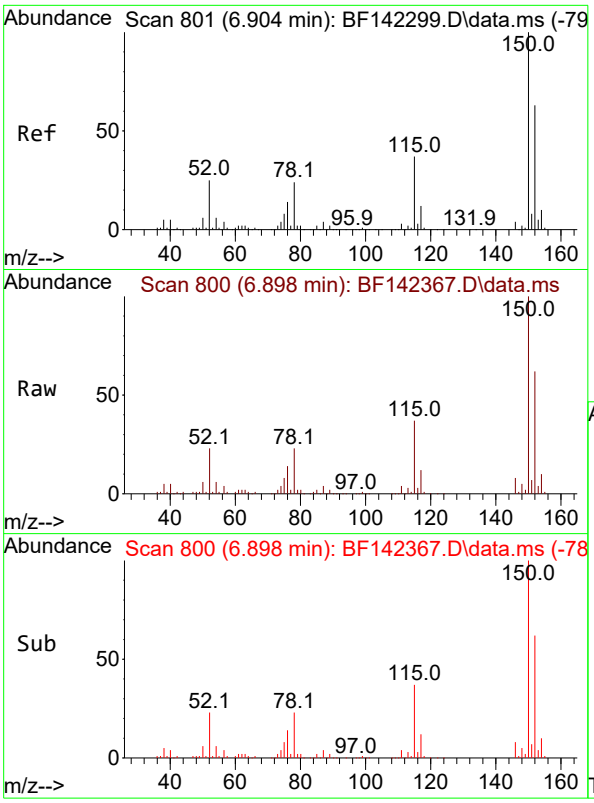
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142367.D
Acq On : 14 May 2025 15:48
Operator : RC/JU
Sample : Q1982-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Quant Time: May 14 16:18:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



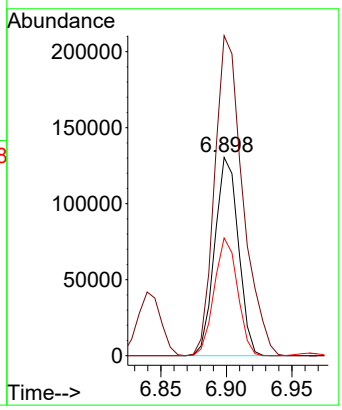


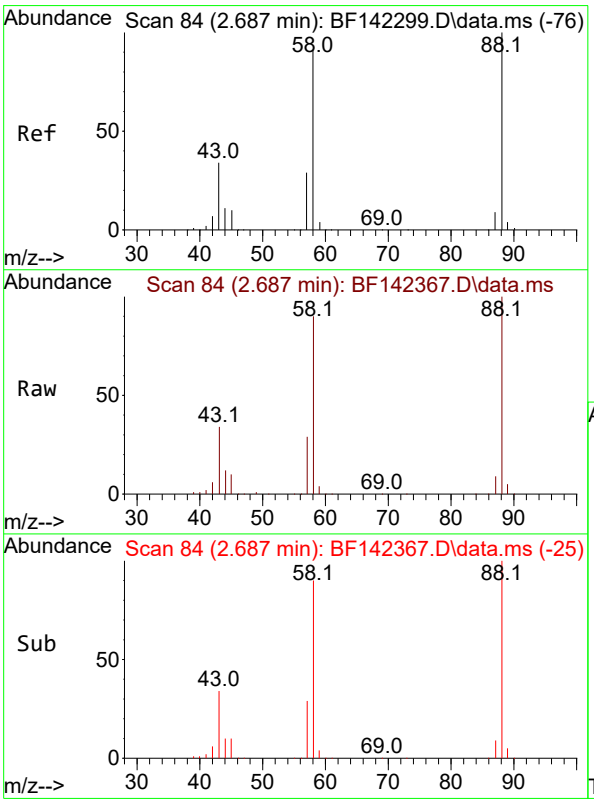
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:152 Resp: 163411

Ion	Ratio	Lower	Upper
152	100		
150	161.4	126.6	190.0
115	59.4	47.3	70.9

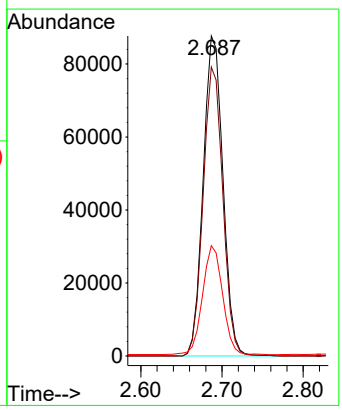


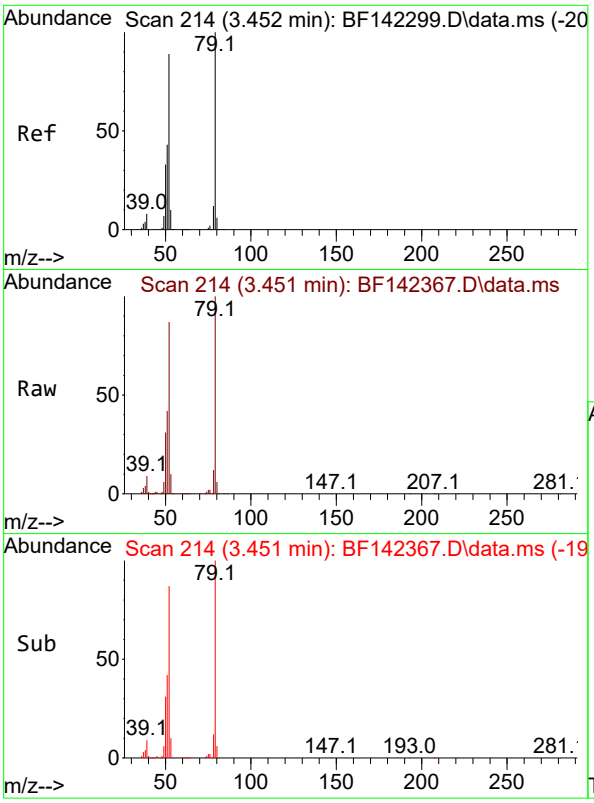


#2
1,4-Dioxane
Concen: 34.326 ng
RT: 2.687 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion: 88 Resp: 147968

Ion	Ratio	Lower	Upper
88	100		
58	90.0	73.0	109.4
43	34.7	27.8	41.6



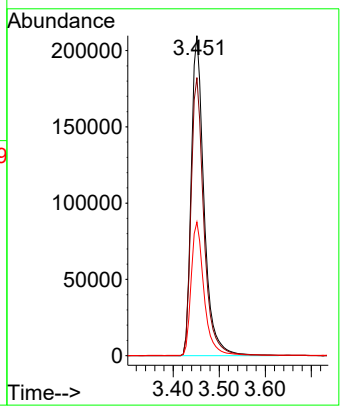


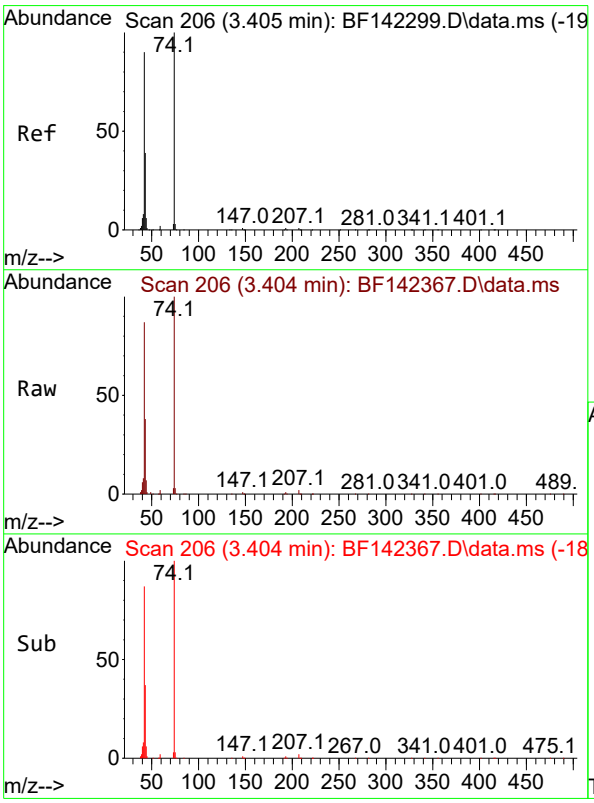
#3
Pyridine
Concen: 39.923 ng
RT: 3.451 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 79 Resp: 404047

Ion	Ratio	Lower	Upper
79	100		
52	86.9	71.0	106.4
51	41.8	34.9	52.3

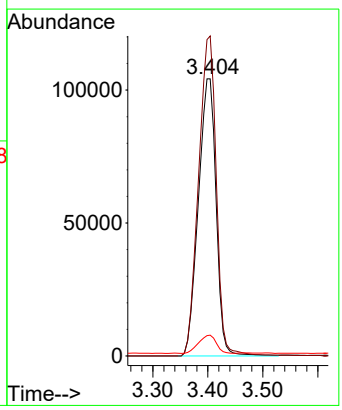


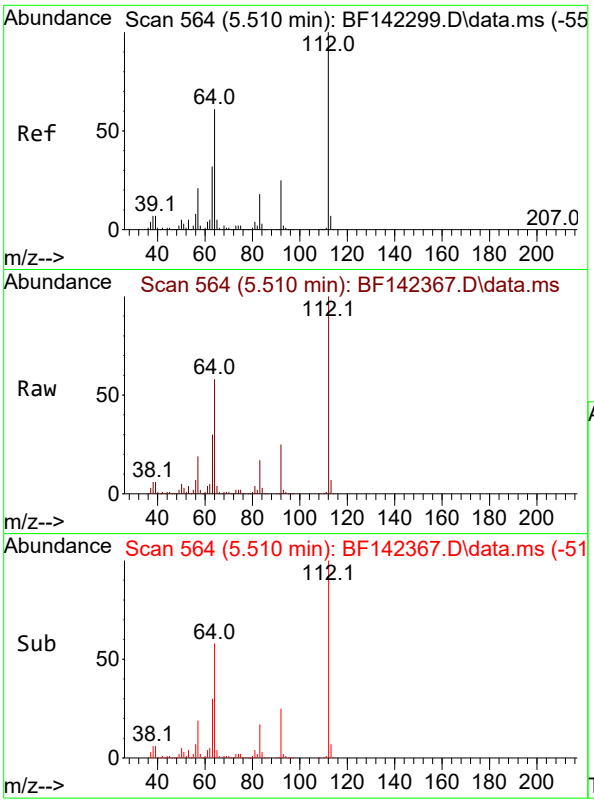


#4
n-Nitrosodimethylamine
Concen: 39.781 ng
RT: 3.404 min Scan# 206
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion: 42 Resp: 233999

Ion	Ratio	Lower	Upper
42	100		
74	115.5	88.5	132.7
44	7.5	5.8	8.8



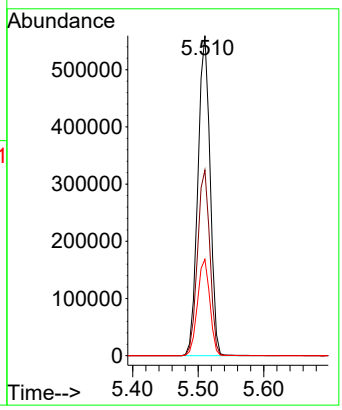


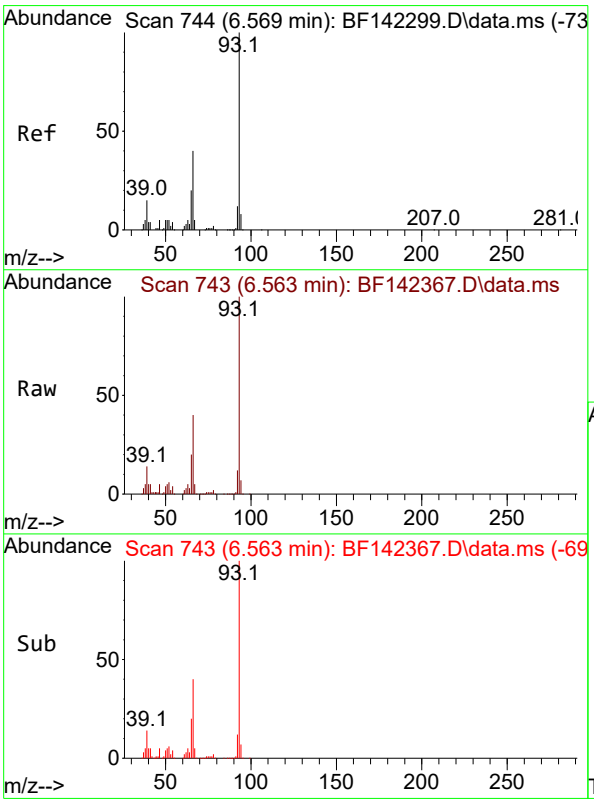
#5
2-Fluorophenol
Concen: 76.031 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:112 Resp: 727810

Ion	Ratio	Lower	Upper
112	100		
64	58.0	48.9	73.3
63	30.1	25.6	38.4

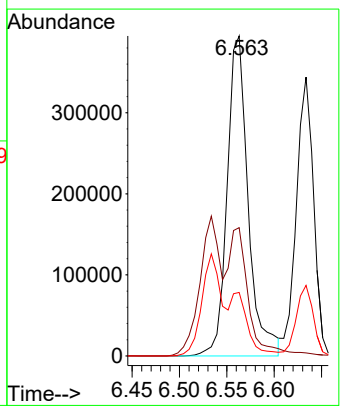


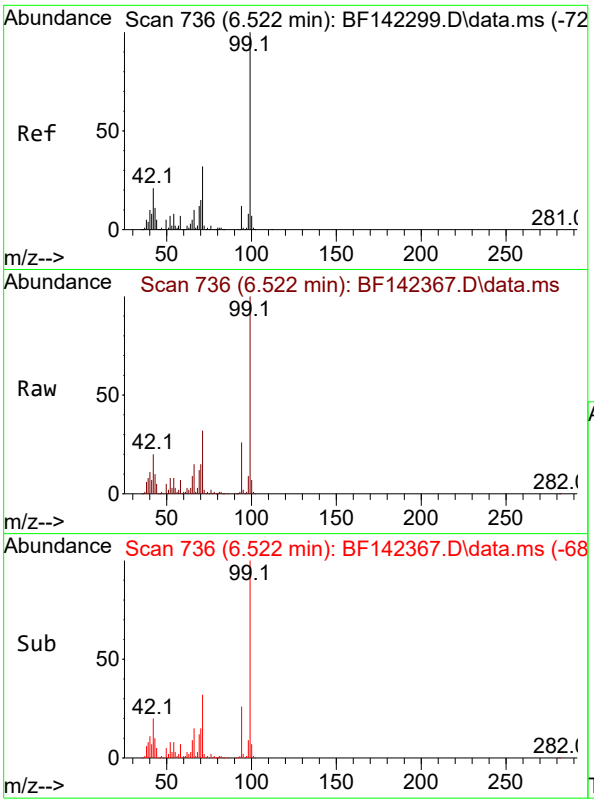


#6
Aniline
Concen: 52.841 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion: 93 Resp: 610214

Ion	Ratio	Lower	Upper
93	100		
66	40.1	32.2	48.4
65	19.9	16.3	24.5



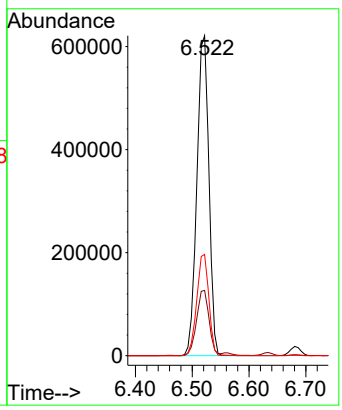


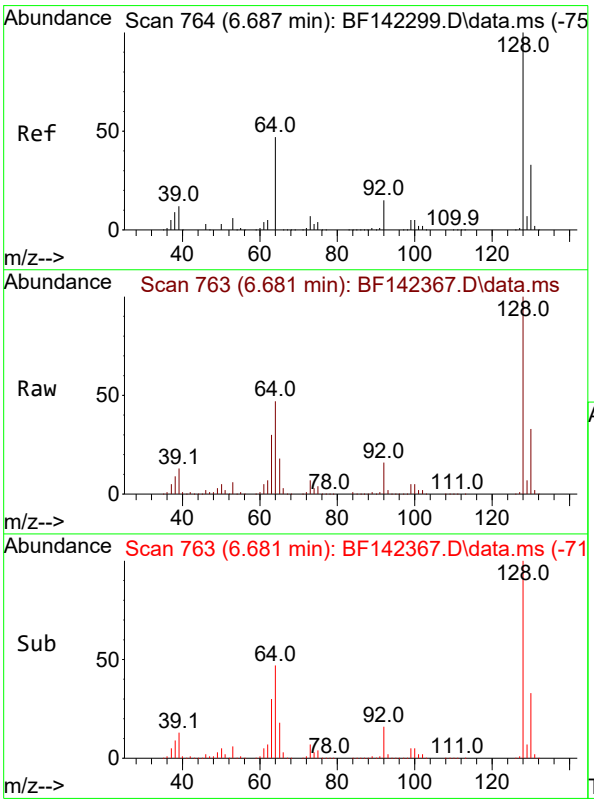
#7
Phenol-d6
Concen: 77.911 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 99 Resp: 917285

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.0	25.4
71	31.6	25.8	38.8

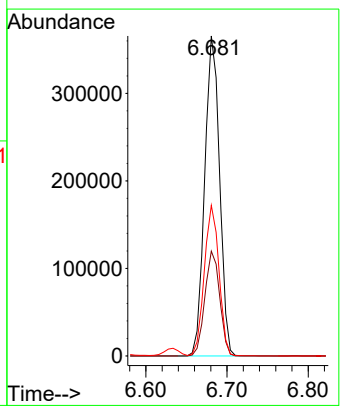


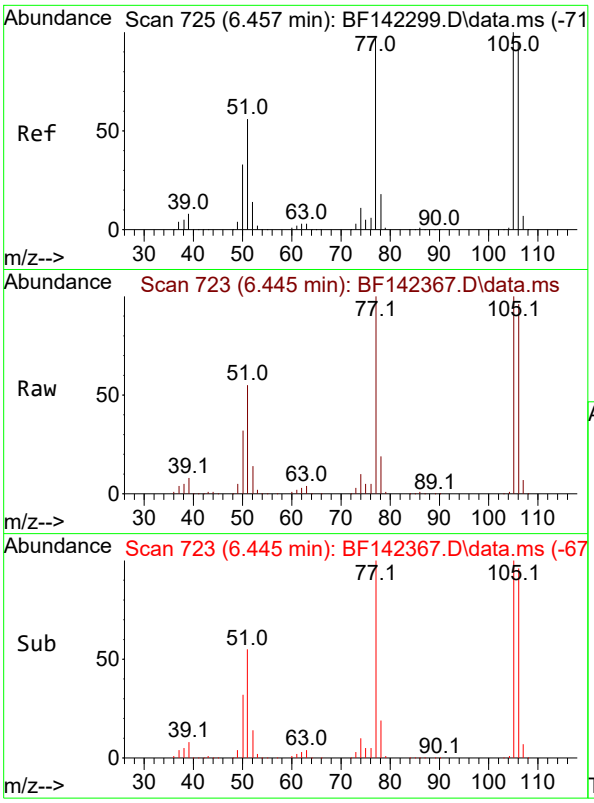


#8
2-Chlorophenol
Concen: 45.395 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:128 Resp: 464357

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	47.1	29.2	69.2



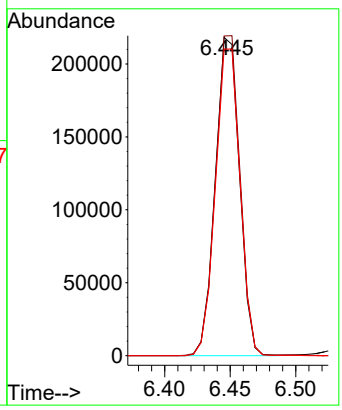


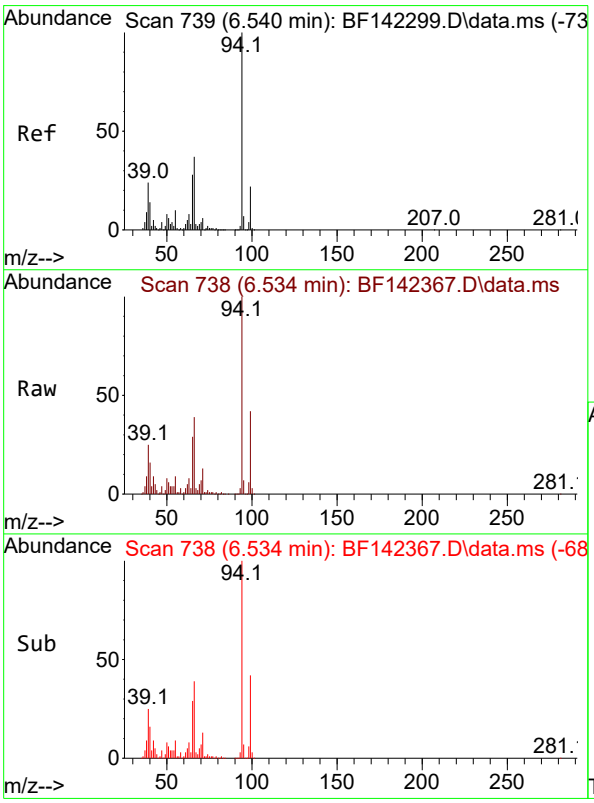
#9
Benzaldehyde
Concen: 40.621 ng
RT: 6.445 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 77 Resp: 279913

Ion	Ratio	Lower	Upper
77	100		
105	100.4	82.0	122.0
106	96.3	77.2	117.2

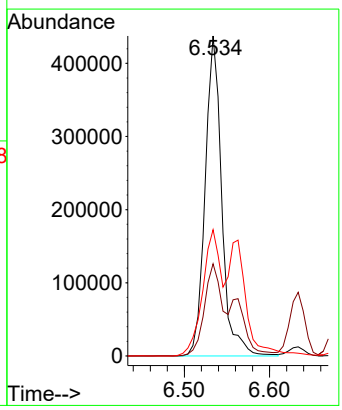


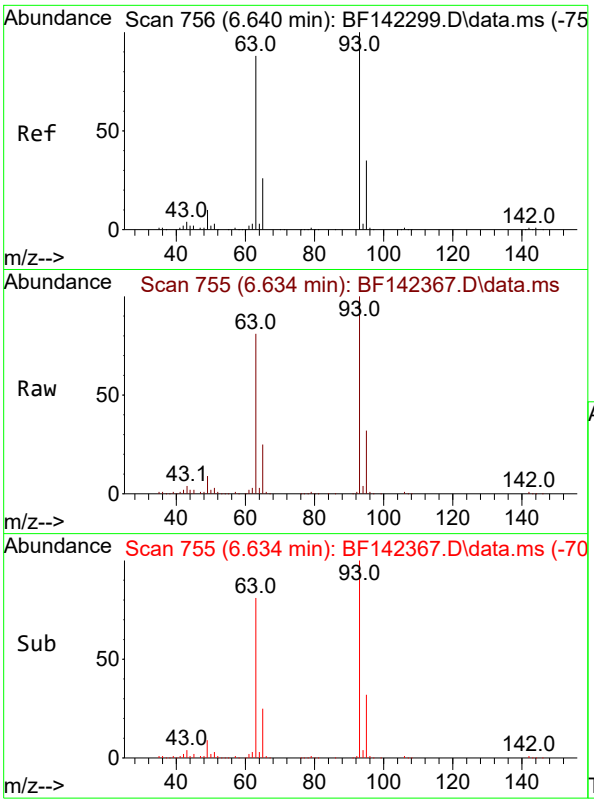


#10
Phenol
Concen: 47.452 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion: 94 Resp: 592200

Ion	Ratio	Lower	Upper
94	100		
65	28.8	8.5	48.5
66	39.4	17.3	57.3



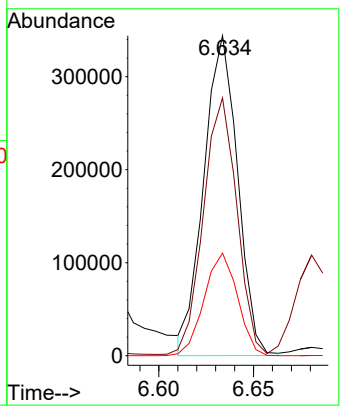


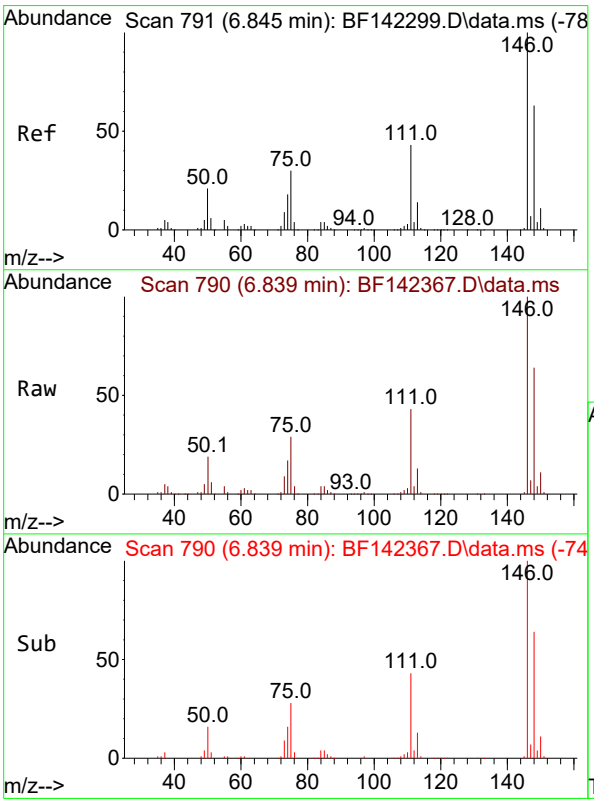
#11
bis(2-Chloroethyl)ether
Concen: 34.736 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 93 Resp: 427498

Ion	Ratio	Lower	Upper
93	100		
63	80.6	58.4	98.4
95	32.1	10.6	50.6

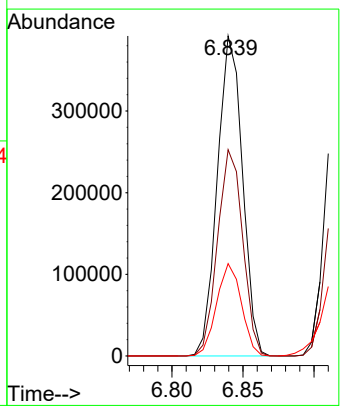


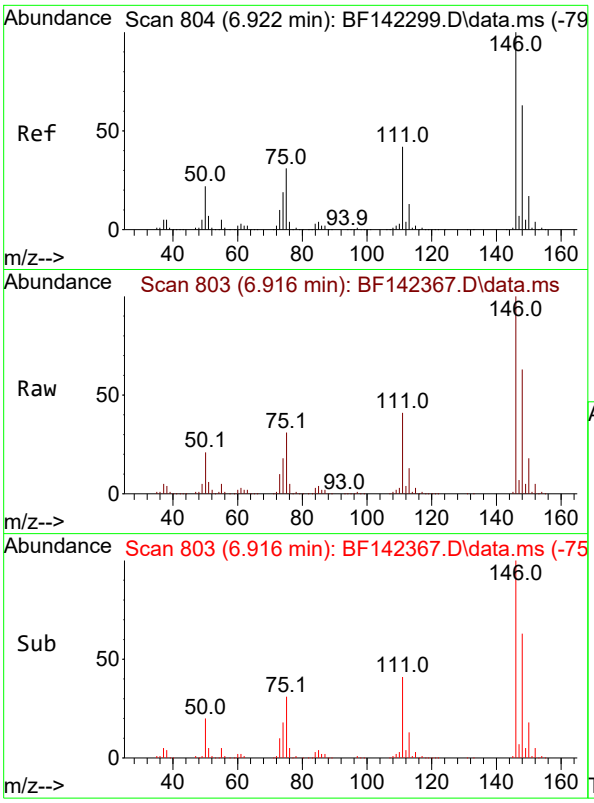


#12
1,3-Dichlorobenzene
Concen: 41.269 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:146 Resp: 482962

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
75	28.9	24.2	36.4



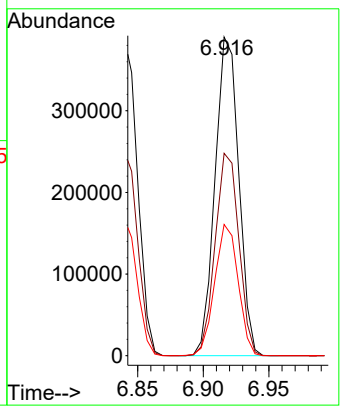


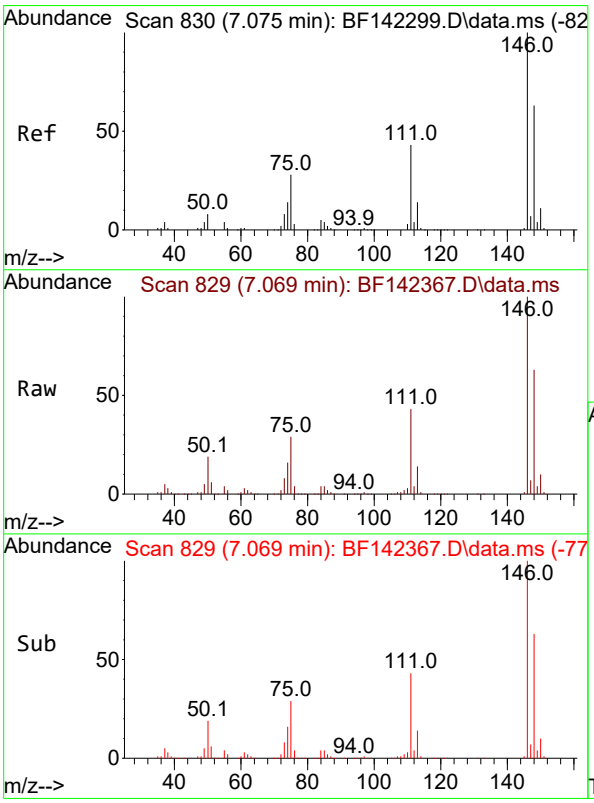
#13
1,4-Dichlorobenzene
Concen: 41.739 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:146 Resp: 490447

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.5	75.7
111	41.2	33.4	50.2

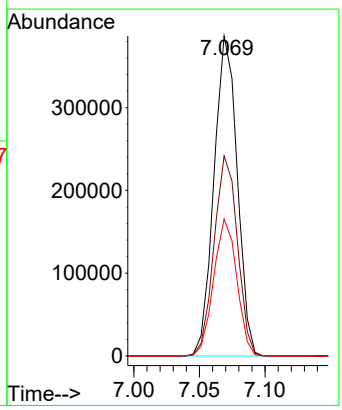


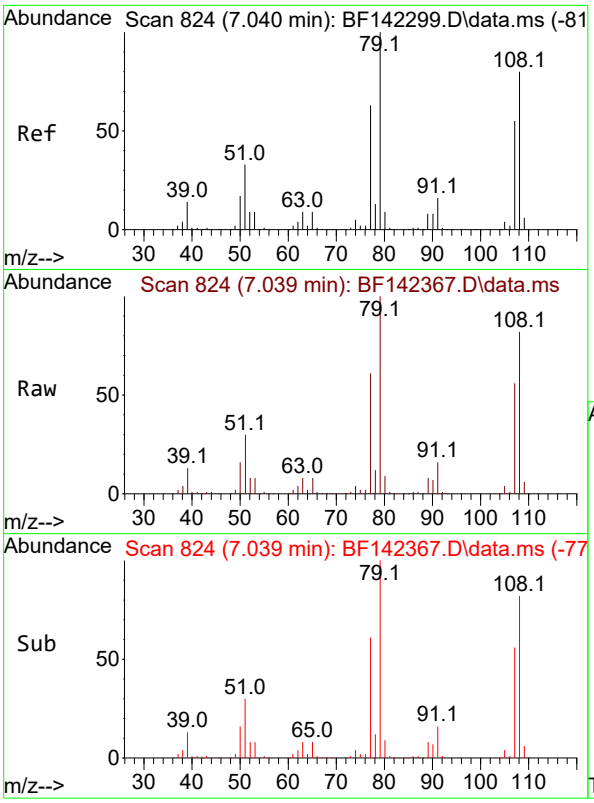


#14
1,2-Dichlorobenzene
Concen: 42.172 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:146 Resp: 475638

Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.3	75.5
111	42.7	34.5	51.7



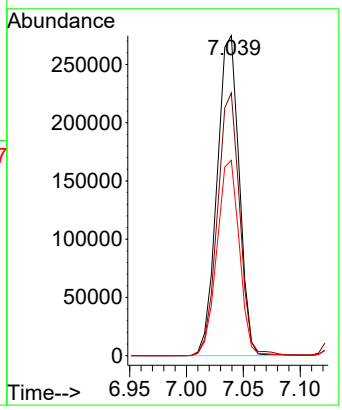


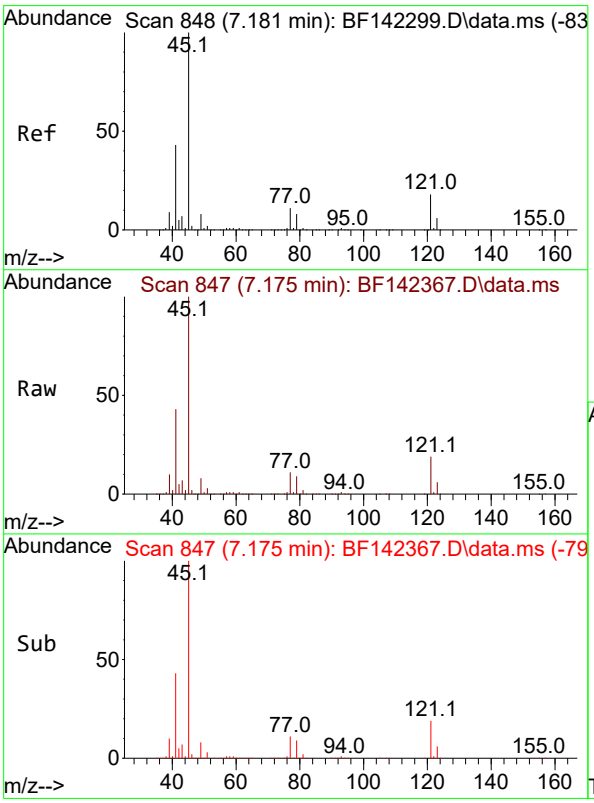
#15
Benzyl Alcohol
Concen: 48.868 ng
RT: 7.039 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 79 Resp: 372562

Ion	Ratio	Lower	Upper
79	100		
108	82.1	63.9	95.9
77	61.1	50.7	76.1

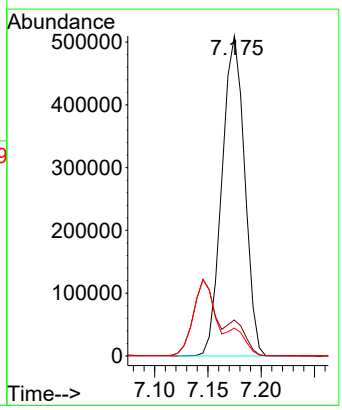


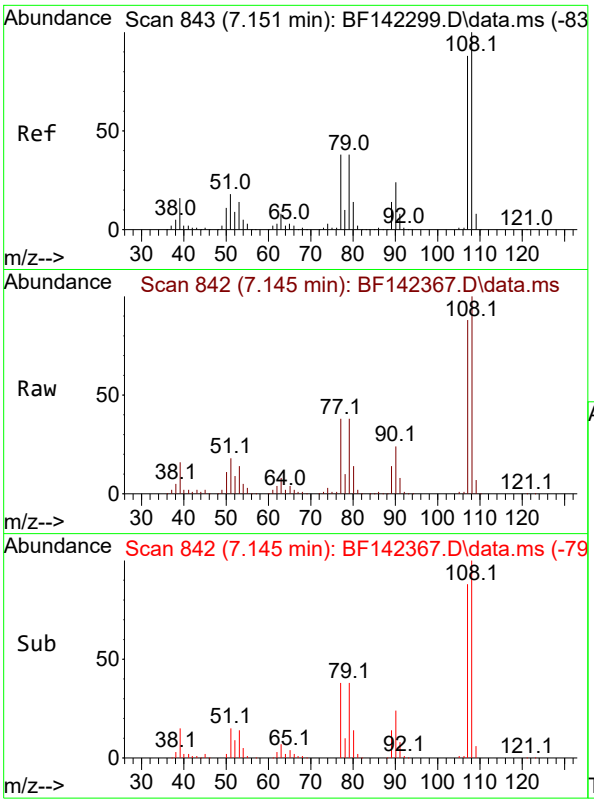


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.823 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion: 45 Resp: 750259

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.7	0.0	28.5



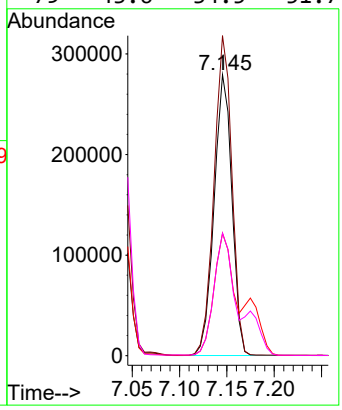


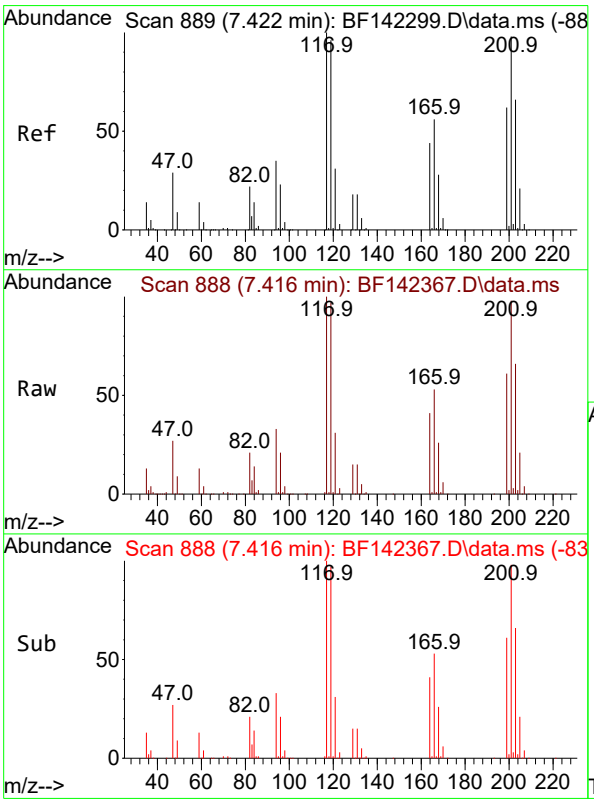
#17
2-Methylphenol
Concen: 44.277 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:107 Resp: 366691

Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.1	136.7
77	43.6	34.7	52.1
79	43.6	34.5	51.7

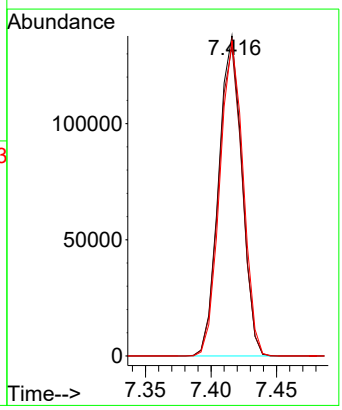


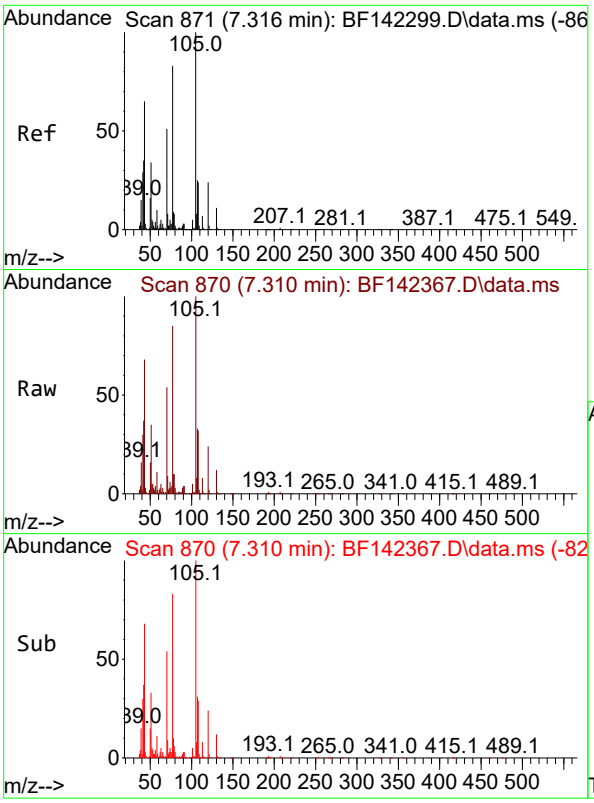


#18
Hexachloroethane
Concen: 43.625 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:117 Resp: 170553

Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.9	115.3
201	98.5	78.0	117.0



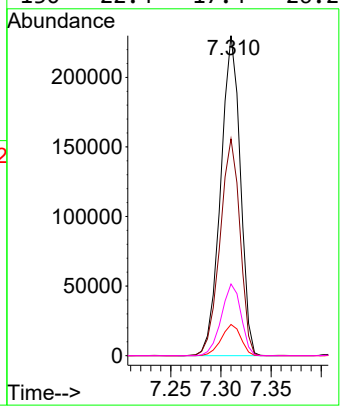


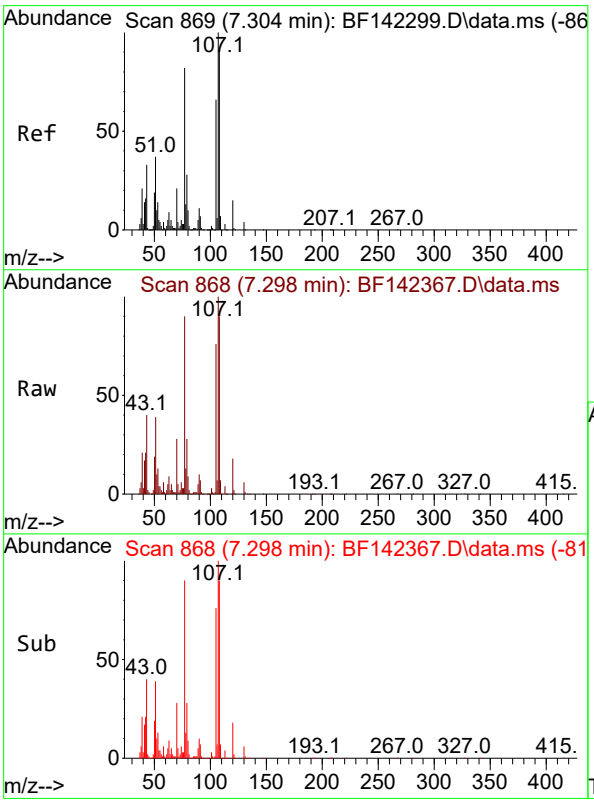
#19
n-Nitroso-di-n-propylamine
Concen: 42.877 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 70 Resp: 312261

Ion	Ratio	Lower	Upper
70	100		
42	67.8	54.8	82.2
101	9.8	7.7	11.5
130	22.4	17.4	26.2

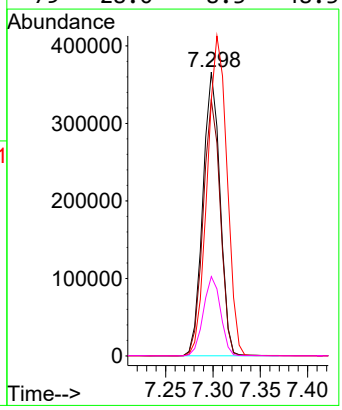


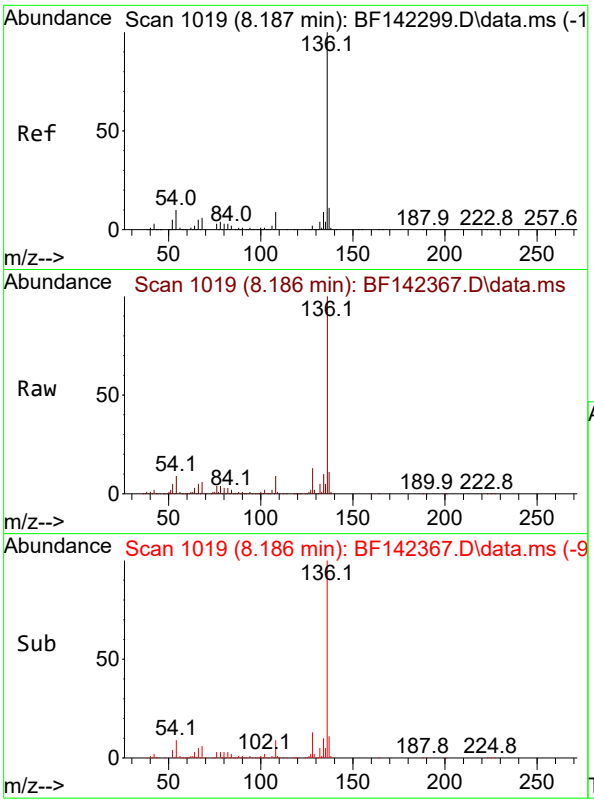


#20
3+4-Methylphenols
Concen: 44.669 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:107 Resp: 461691

Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.5	111.5
77	90.3	61.6	101.6
79	28.0	8.3	48.3



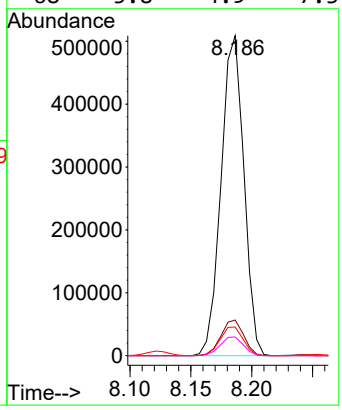


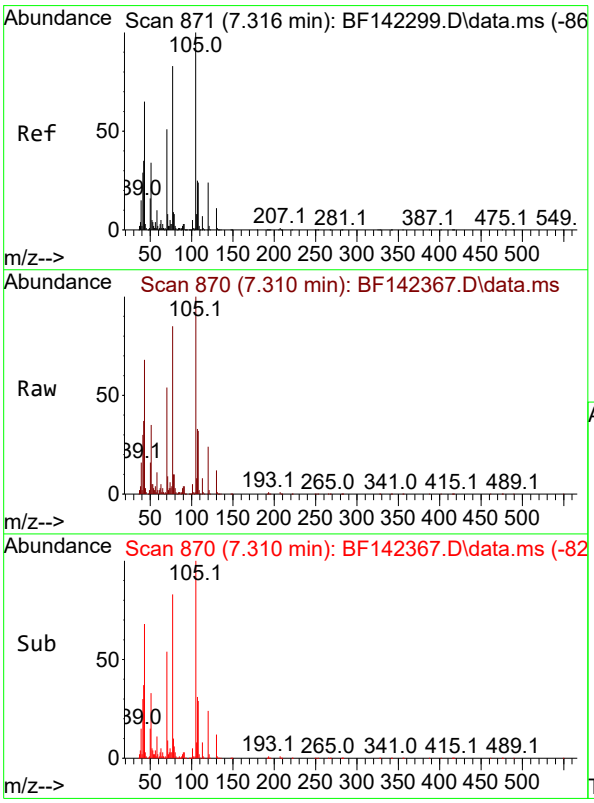
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:136 Resp: 663275

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.9	7.7	11.5
68	5.8	4.9	7.3

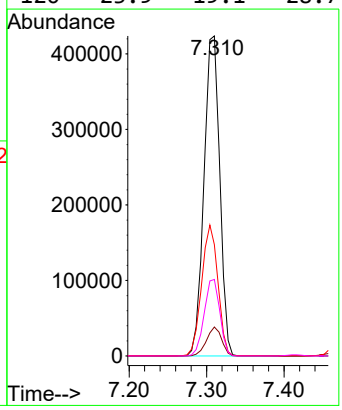


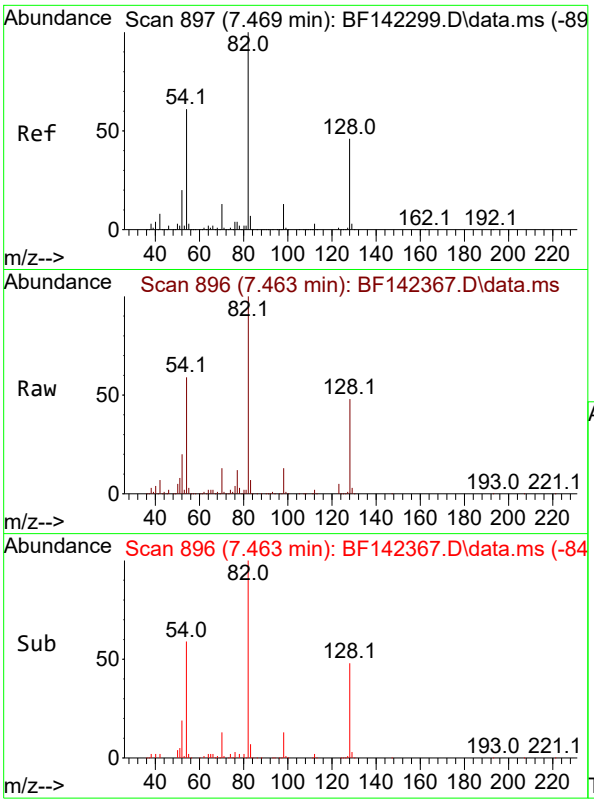


#22
Acetophenone
Concen: 40.656 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:105 Resp: 599580

Ion	Ratio	Lower	Upper
105	100		
71	9.0	6.7	10.1
51	34.8	27.6	41.4
120	23.9	19.1	28.7



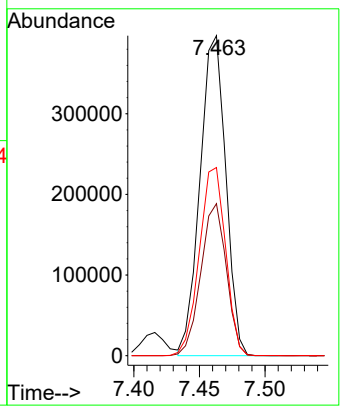


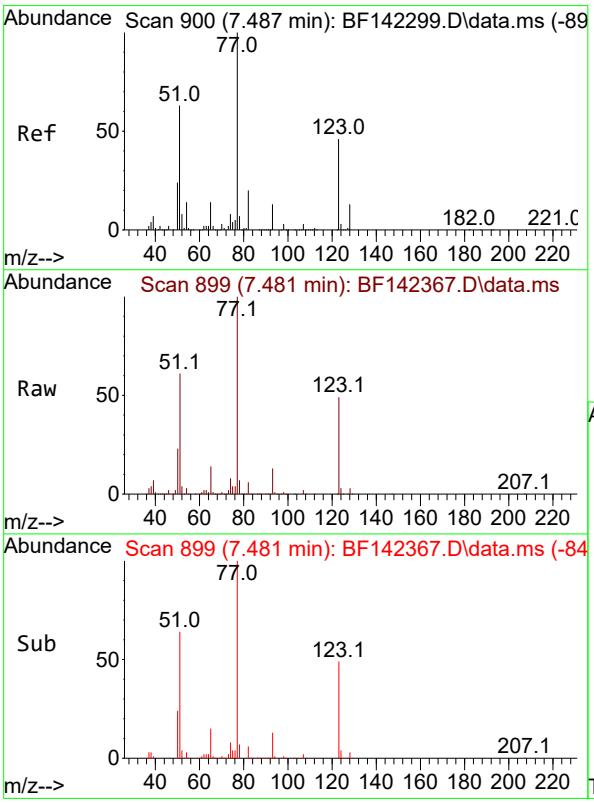
#23
Nitrobenzene-d5
Concen: 49.957 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 82 Resp: 543317

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.0	55.6
54	58.8	48.6	73.0

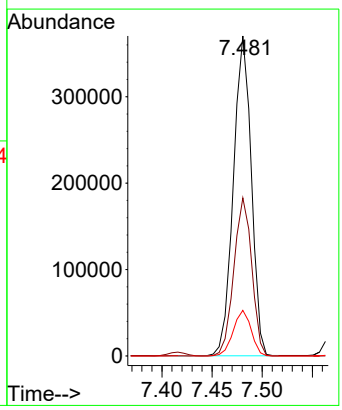


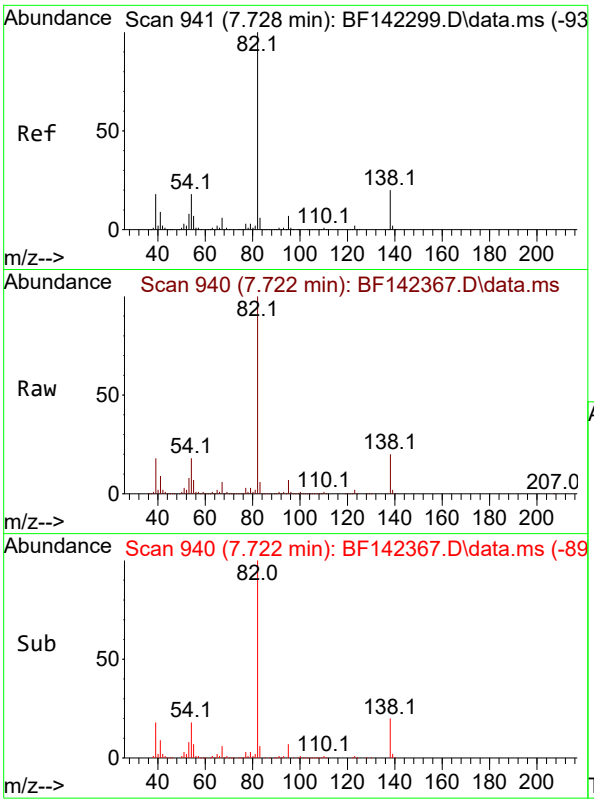


#24
Nitrobenzene
Concen: 44.892 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion: 77 Resp: 460221

Ion	Ratio	Lower	Upper
77	100		
123	49.4	37.8	56.8
65	14.2	11.4	17.0



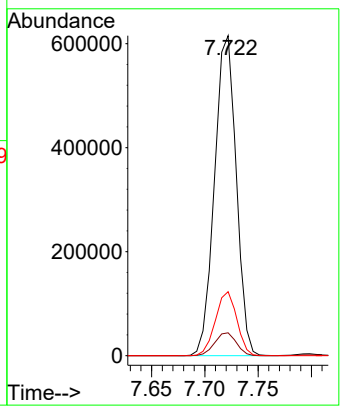


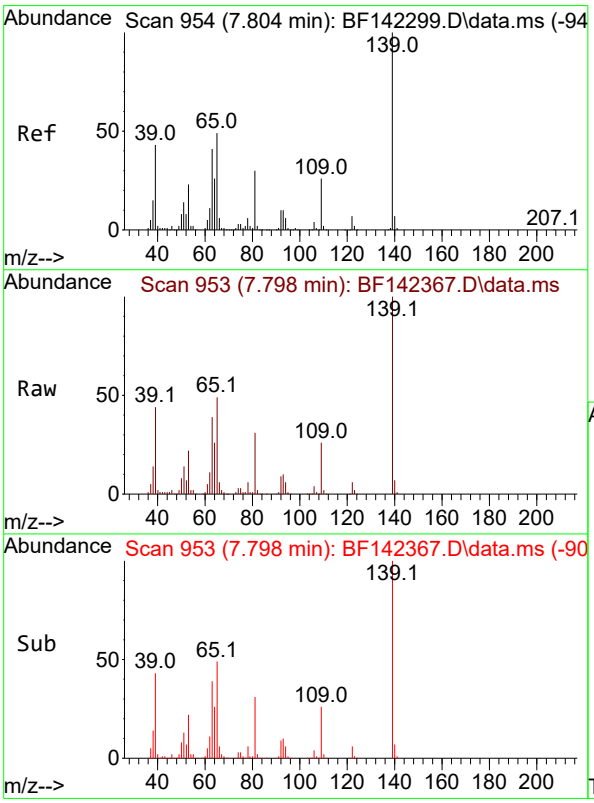
#25
Isophorone
Concen: 42.279 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 82 Resp: 870718

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	20.0	16.1	24.1

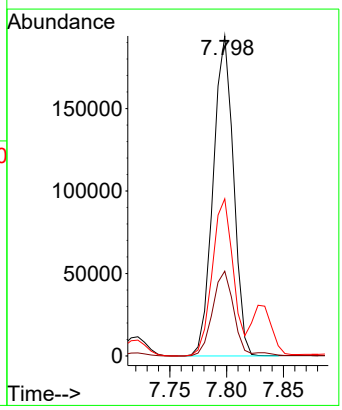


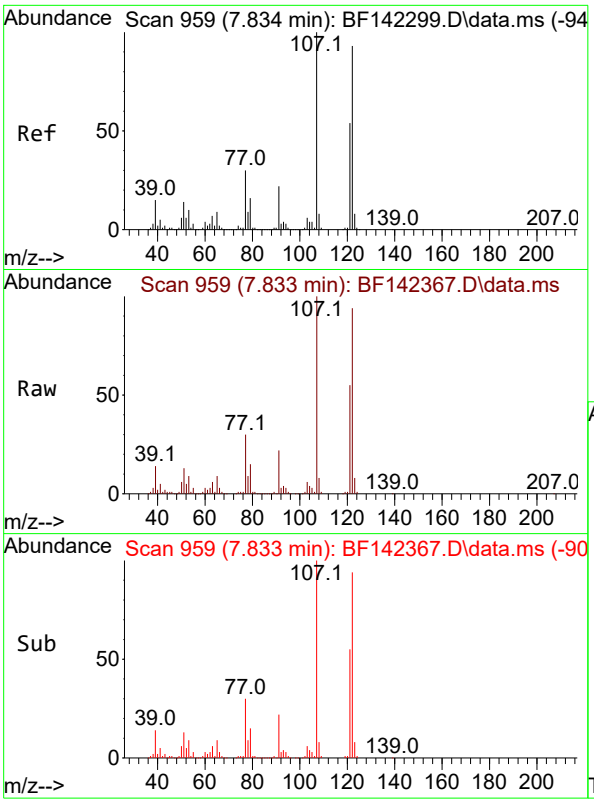


#26
2-Nitrophenol
Concen: 48.876 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:139 Resp: 241919

Ion	Ratio	Lower	Upper
139	100		
109	26.5	20.8	31.2
65	49.1	38.9	58.3



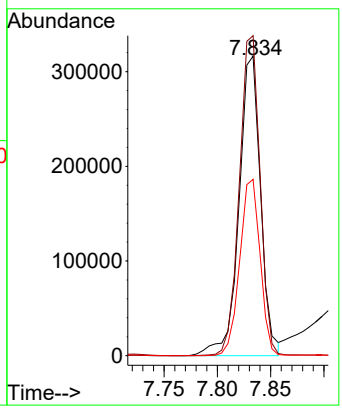


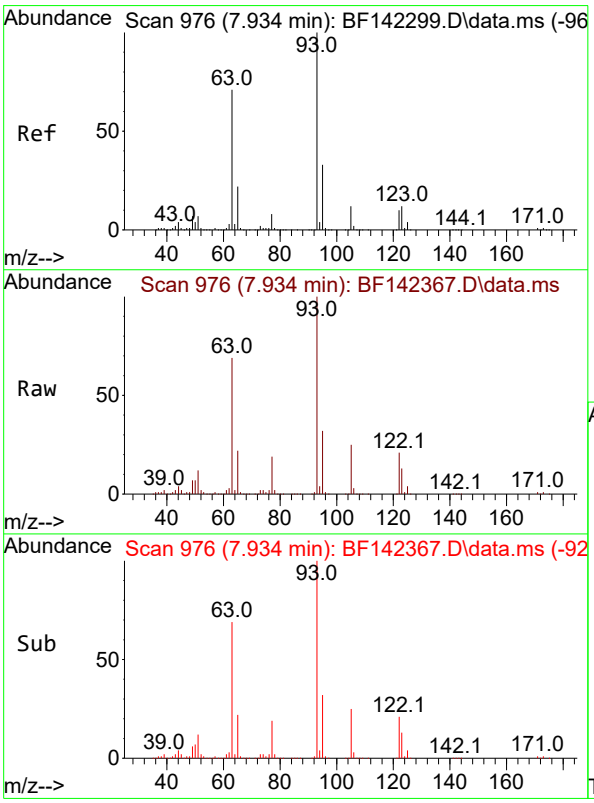
#27
2,4-Dimethylphenol
Concen: 43.249 ng
RT: 7.833 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:122 Resp: 447816

Ion	Ratio	Lower	Upper
122	100		
107	106.8	86.0	129.0
121	58.9	46.2	69.4

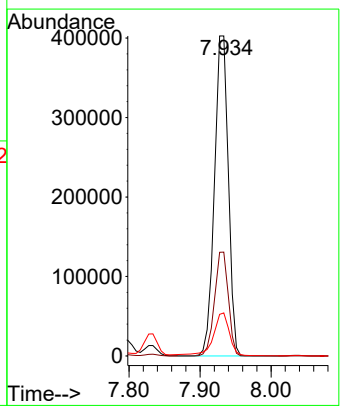


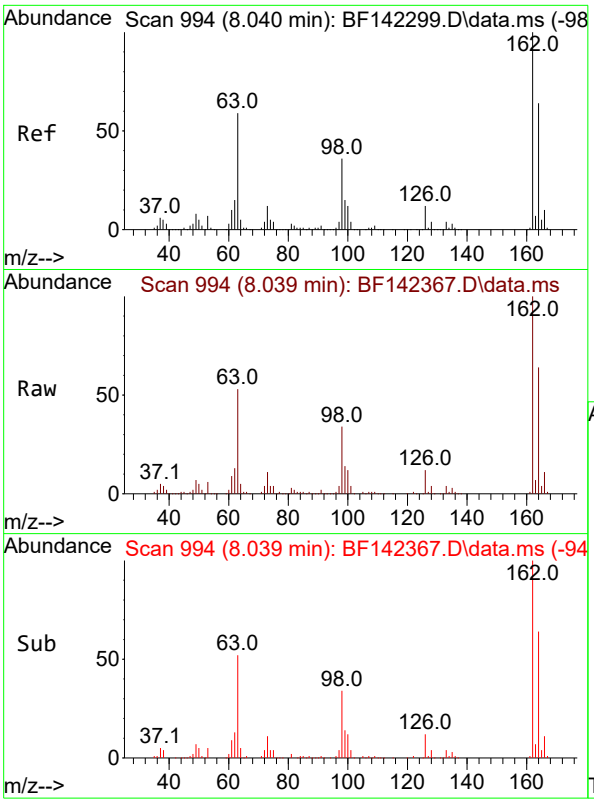


#28
bis(2-Chloroethoxy)methane
Concen: 41.181 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion: 93 Resp: 545344

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.1	39.1
123	13.4	10.2	15.4



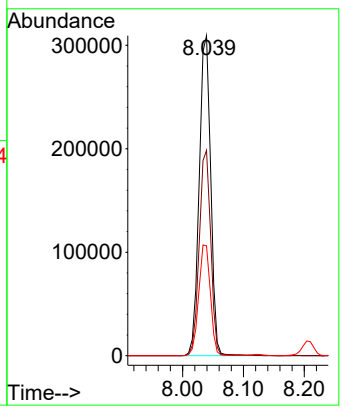


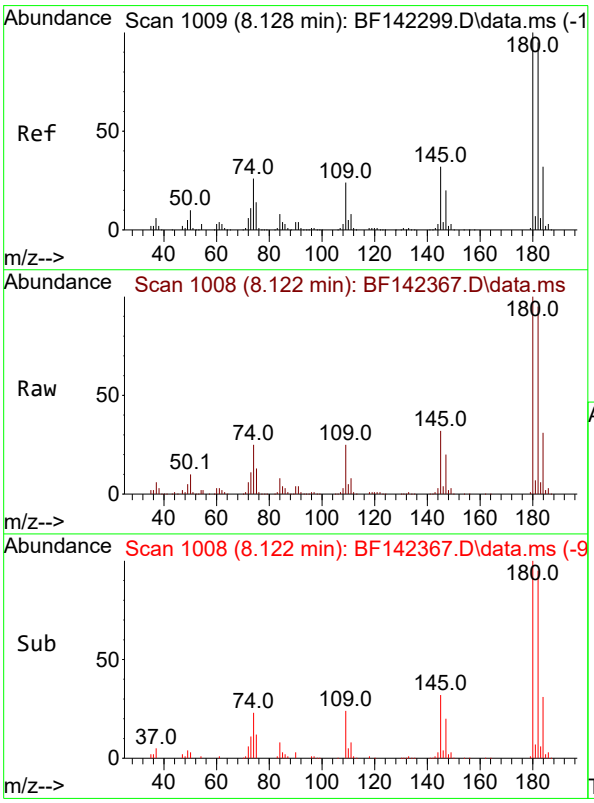
#29
2,4-Dichlorophenol
Concen: 45.972 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:162 Resp: 404695

Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.6	83.6
98	34.4	16.5	56.5

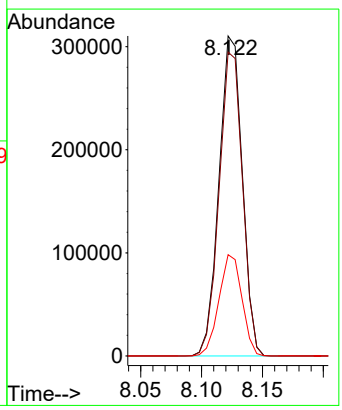


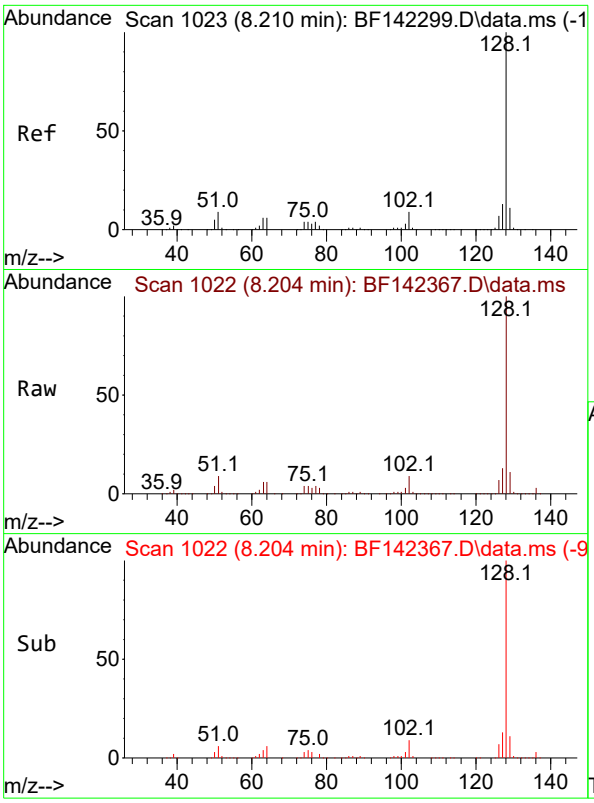


#30
1,2,4-Trichlorobenzene
Concen: 41.691 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:180 Resp: 413037

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.4
145	31.7	25.8	38.6



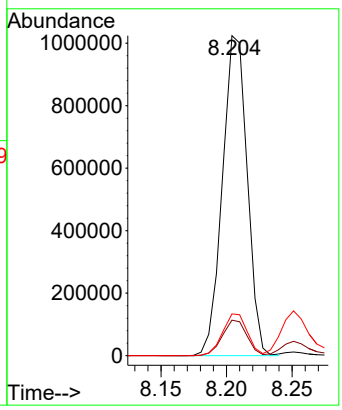


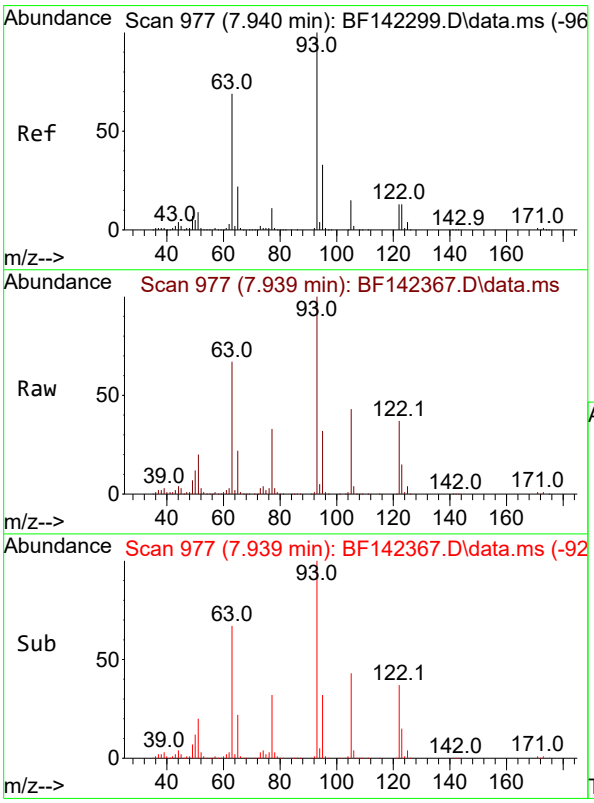
#31
Naphthalene
Concen: 41.952 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:128 Resp: 1348598

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.1	10.5	15.7

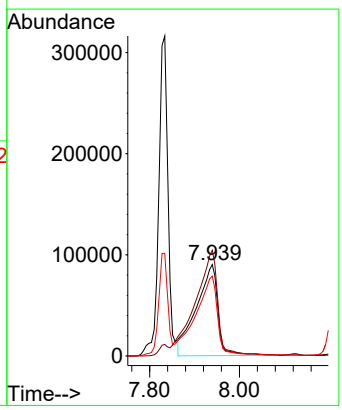


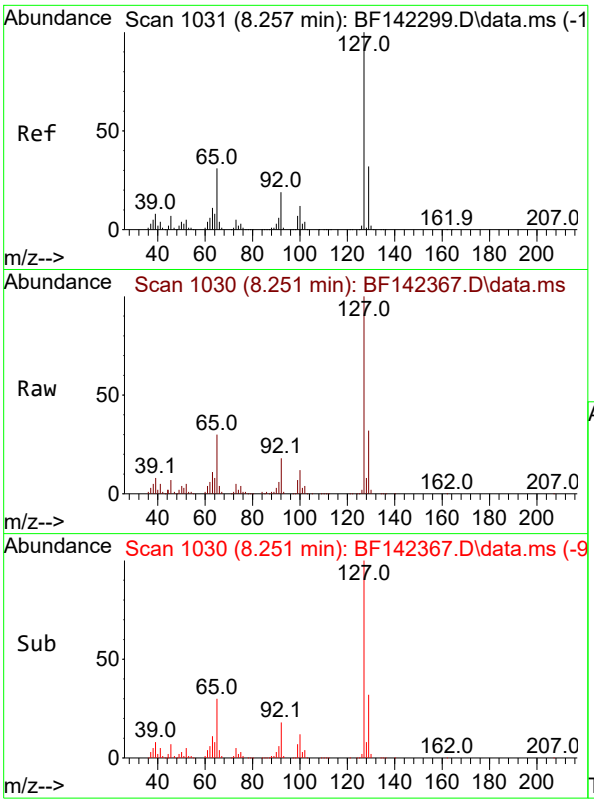


#32
Benzoic acid
Concen: 52.709 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.001 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:122 Resp: 301339

Ion	Ratio	Lower	Upper
122	100		
105	115.6	97.9	137.9
77	87.3	67.7	107.7



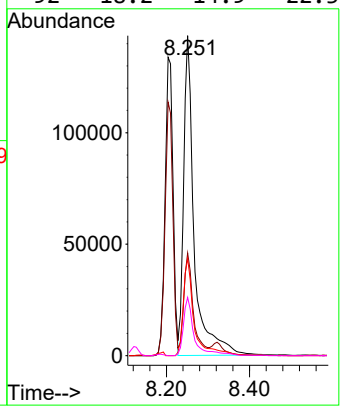


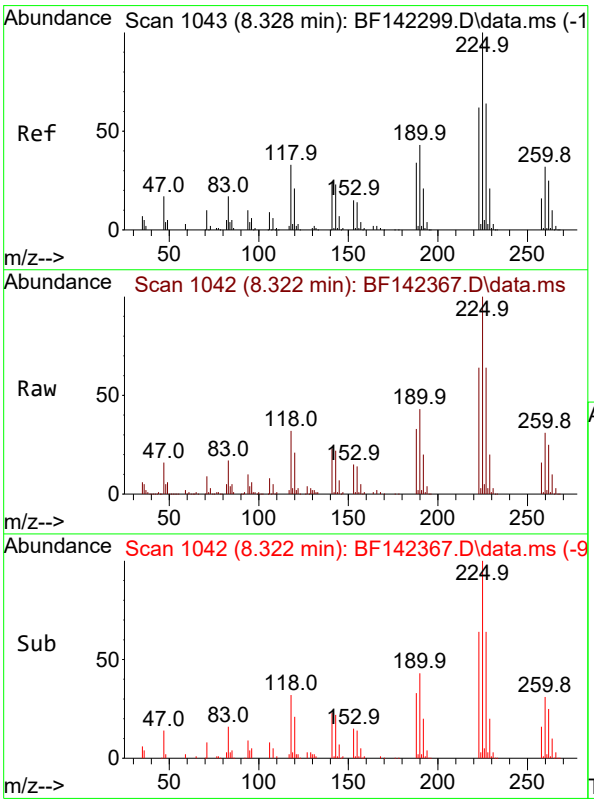
#33
4-Chloroaniline
Concen: 19.394 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.016 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:127 Resp: 254396

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	30.4	24.9	37.3
92	18.2	14.9	22.3

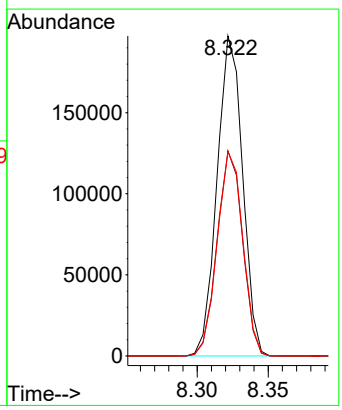


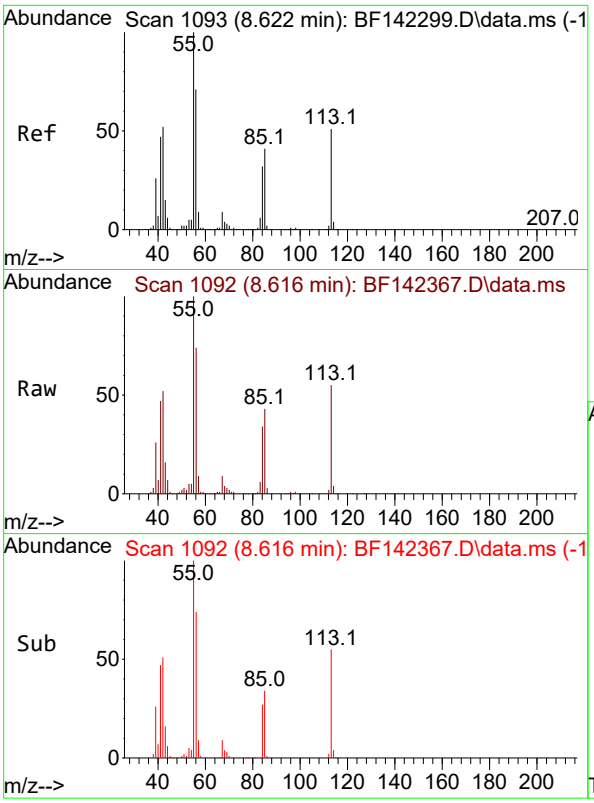


#34
Hexachlorobutadiene
Concen: 41.973 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:225 Resp: 246231

Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.8	74.6
227	63.9	50.9	76.3



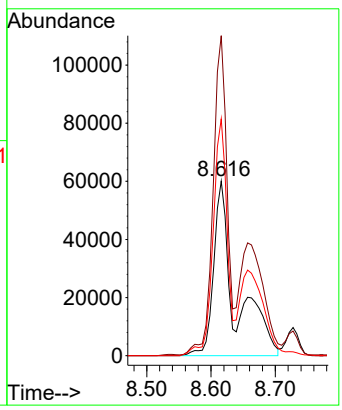


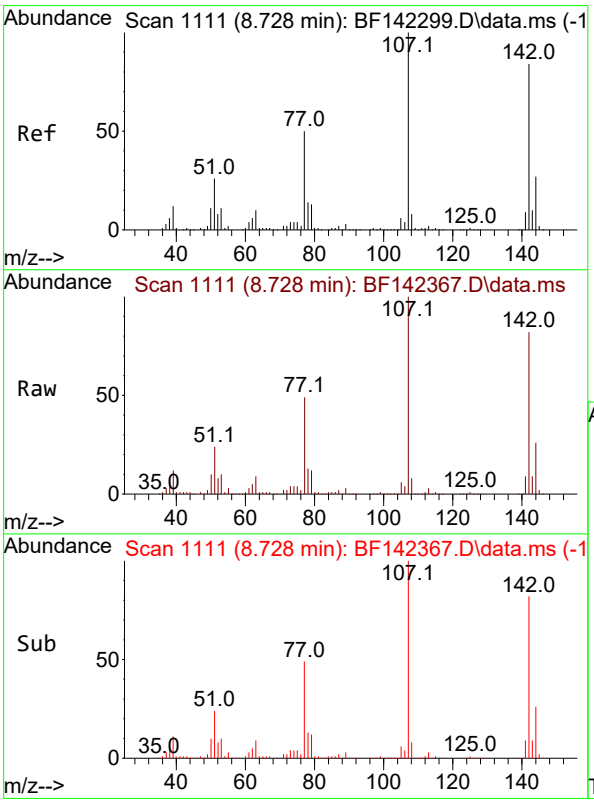
#35
Caprolactam
Concen: 54.900 ng m
RT: 8.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:113 Resp: 140852

Ion	Ratio	Lower	Upper
113	100		
55	183.3	176.4	216.4
56	135.6	120.3	160.3

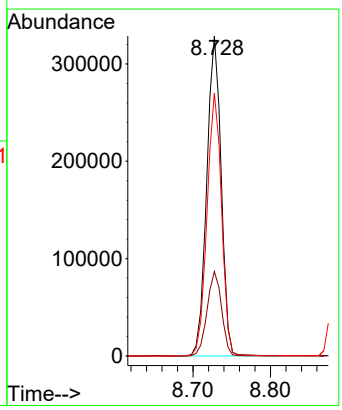


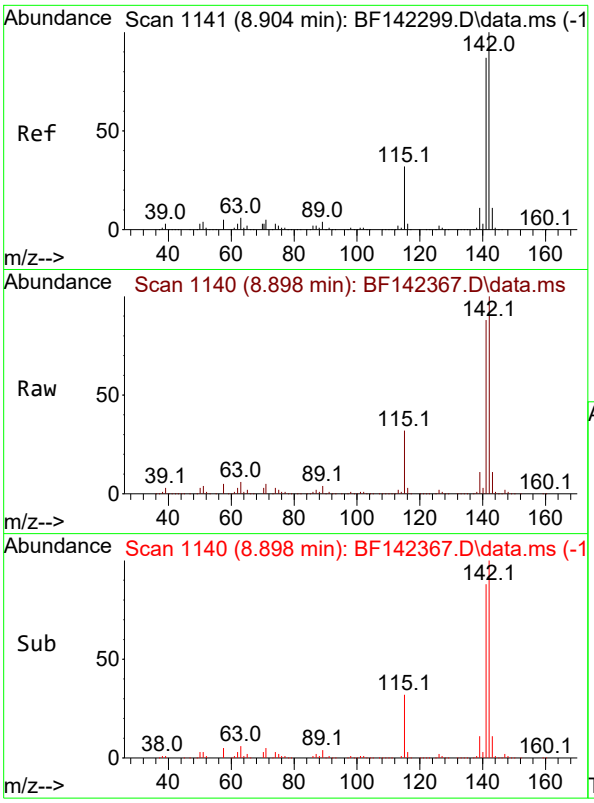


#36
4-Chloro-3-methylphenol
Concen: 46.409 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:107 Resp: 424687

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.3	31.9
142	82.1	66.9	100.3



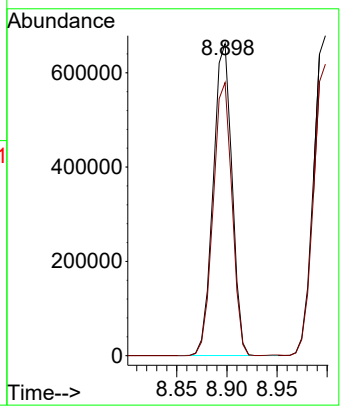


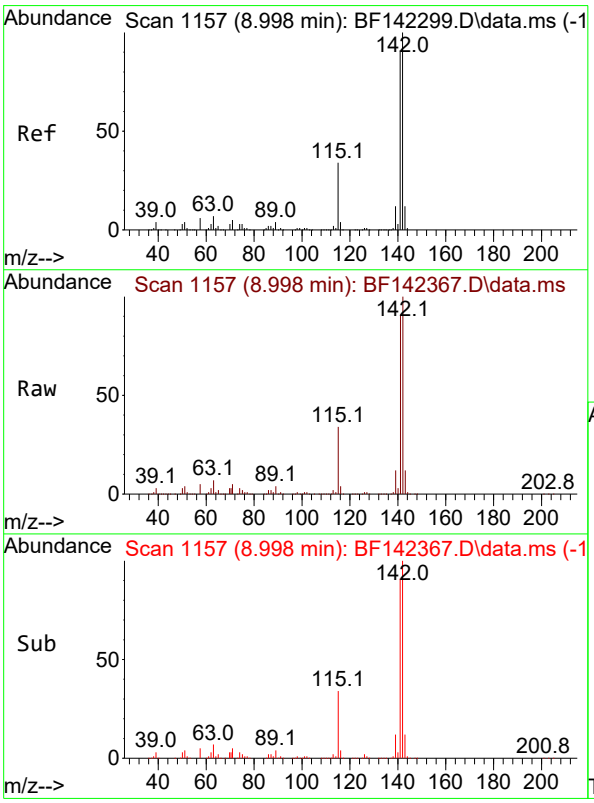
#37
2-Methylnaphthalene
Concen: 43.103 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:142 Resp: 860980

Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.4	104.2

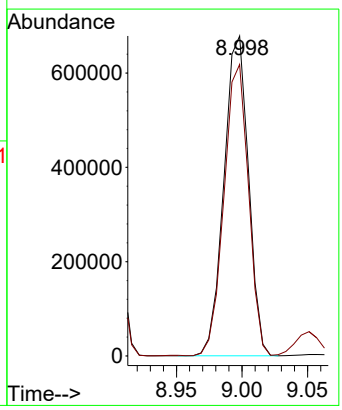


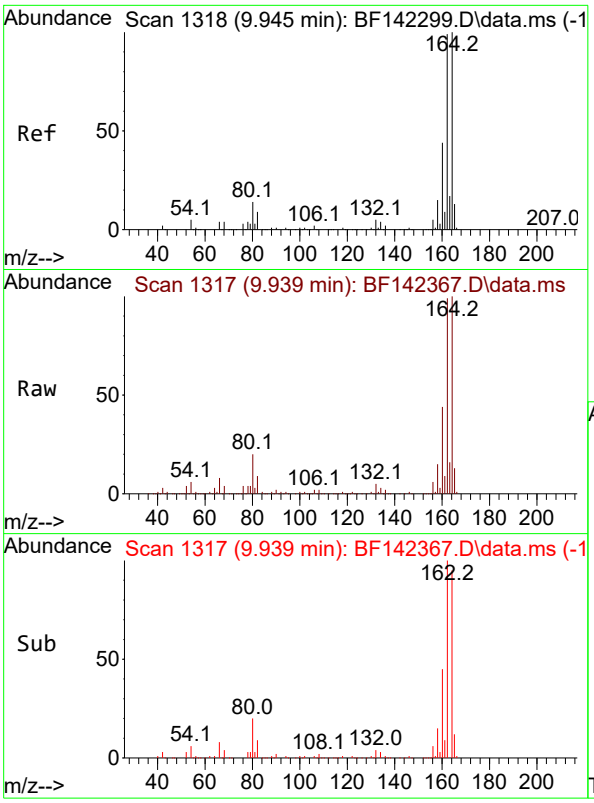


#38
1-Methylnaphthalene
Concen: 42.391 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:142 Resp: 882557

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.5	108.7



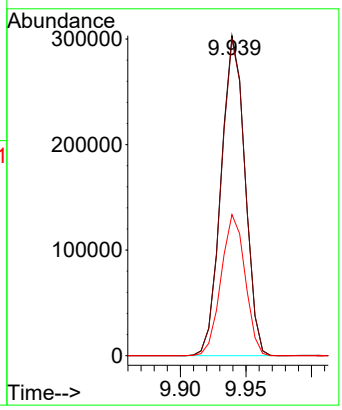


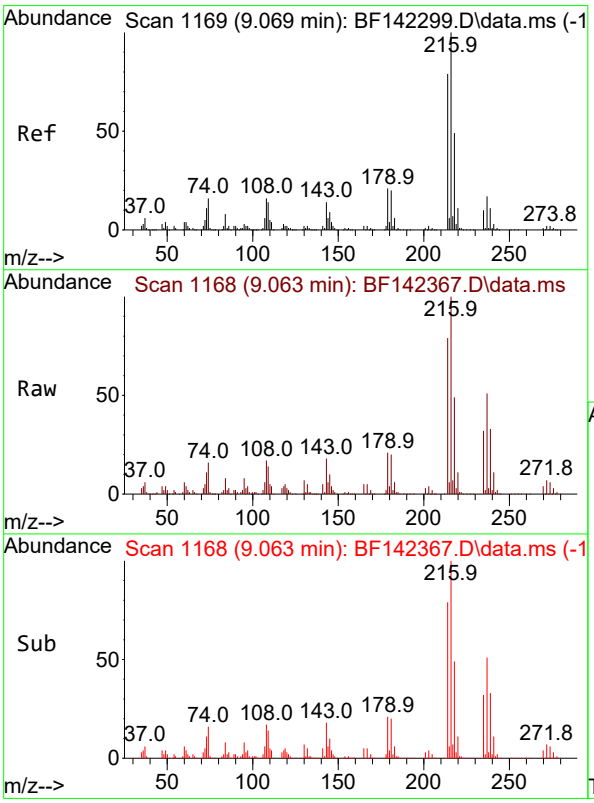
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:164 Resp: 383694

Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.2	118.8
160	44.1	35.3	52.9

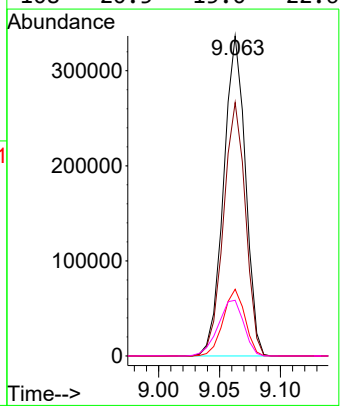


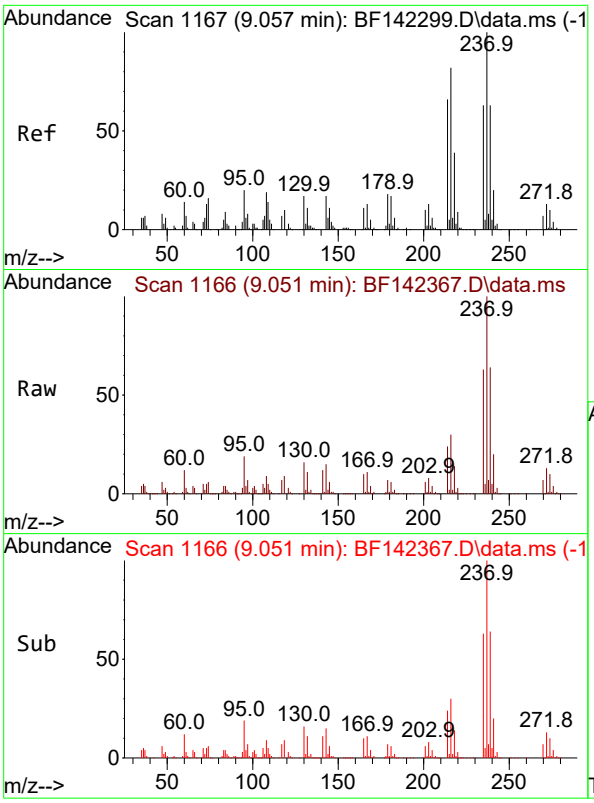


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.280 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:216 Resp: 420929

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.6
179	20.8	17.0	25.6
108	20.5	15.0	22.6



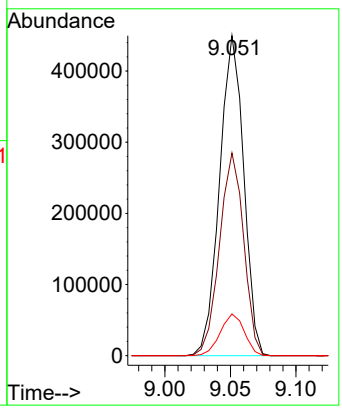


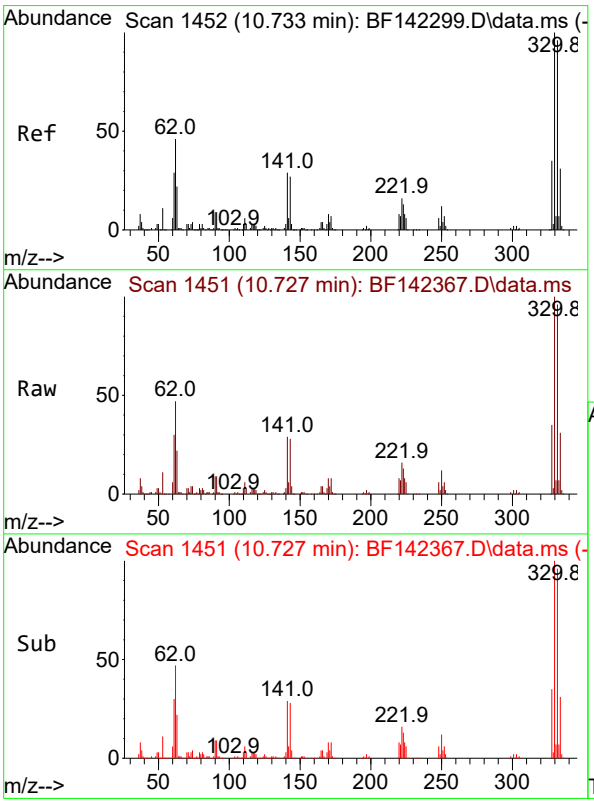
#41
Hexachlorocyclopentadiene
Concen: 86.900 ng
RT: 9.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:237 Resp: 575524

Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.8	82.8
272	13.1	0.0	33.0

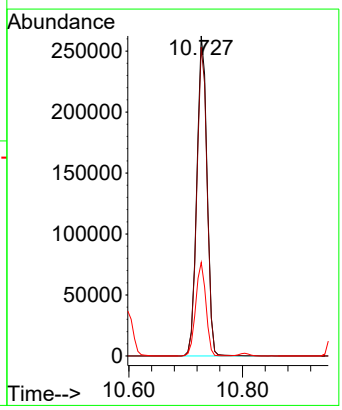


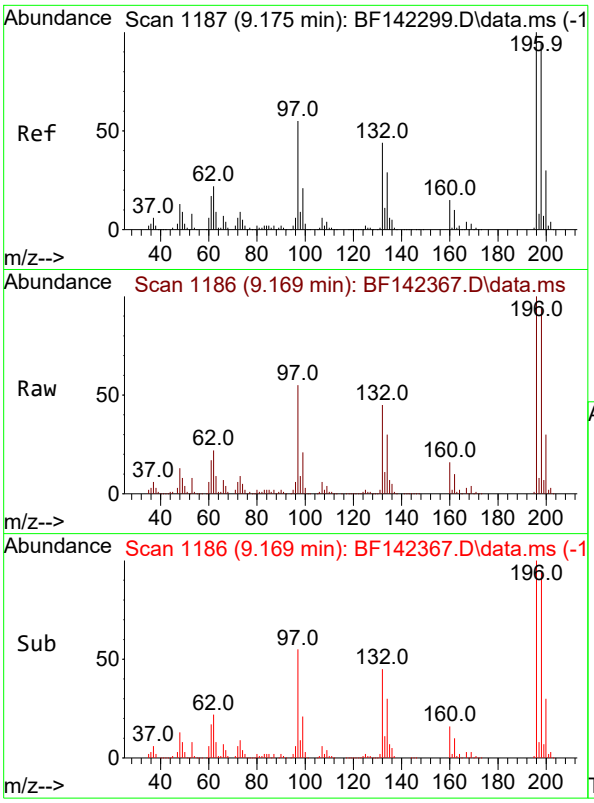


#42
2,4,6-Tribromophenol
Concen: 89.076 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:330 Resp: 329981

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	29.2	24.9	37.3



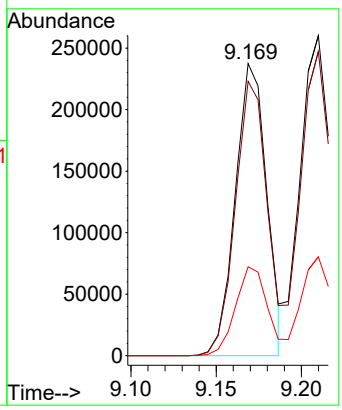


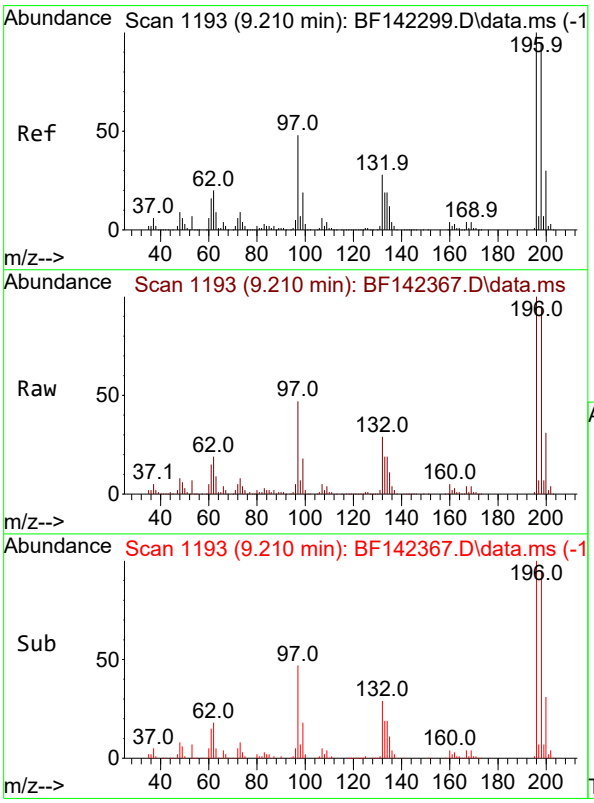
#43
2,4,6-Trichlorophenol
Concen: 44.977 ng
RT: 9.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:196 Resp: 304019

Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.4	113.0
200	30.4	24.3	36.5

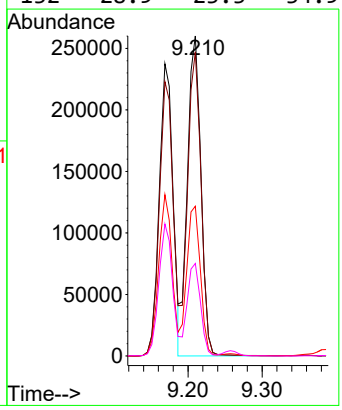


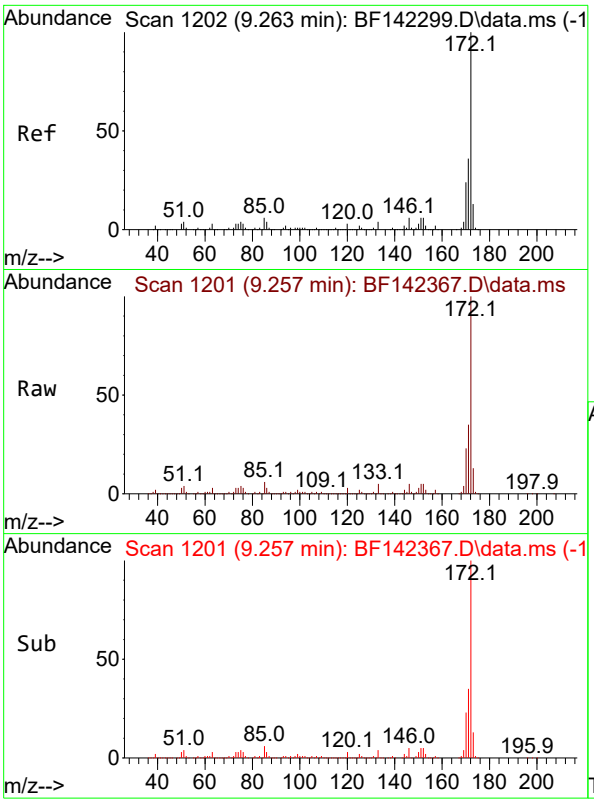


#44
2,4,5-Trichlorophenol
Concen: 45.813 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:196 Resp: 329488

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.1	114.1
97	46.8	39.0	58.4
132	28.9	23.3	34.9



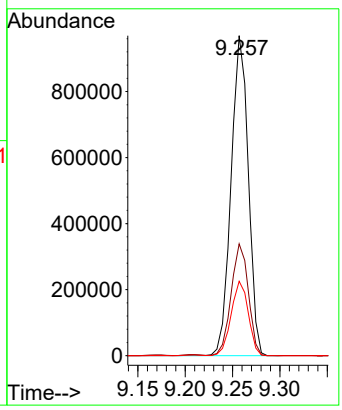


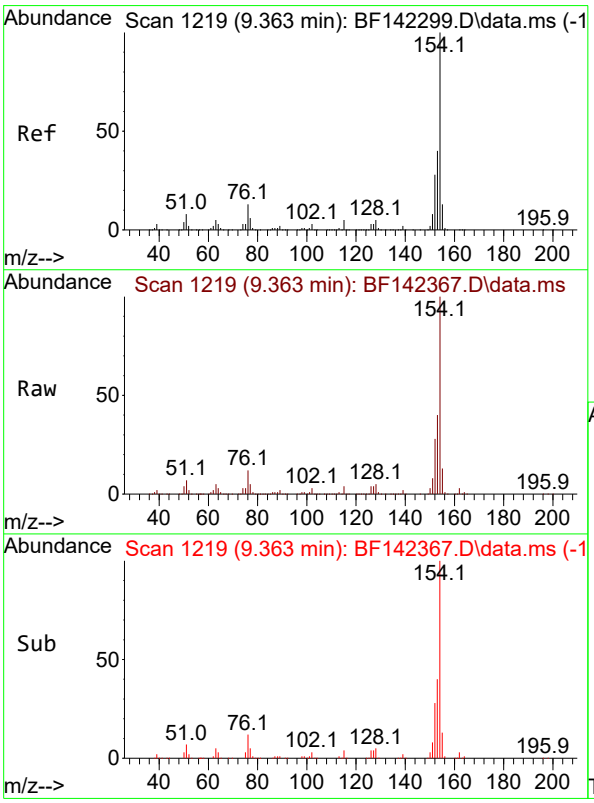
#45
2-Fluorobiphenyl
Concen: 45.462 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:172 Resp: 1223365

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.2	19.0	28.4

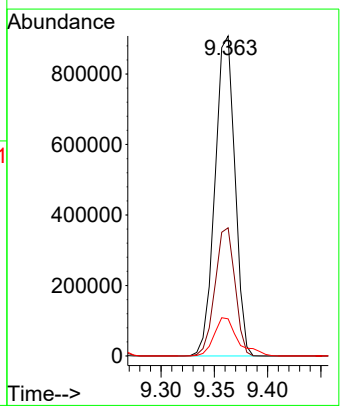


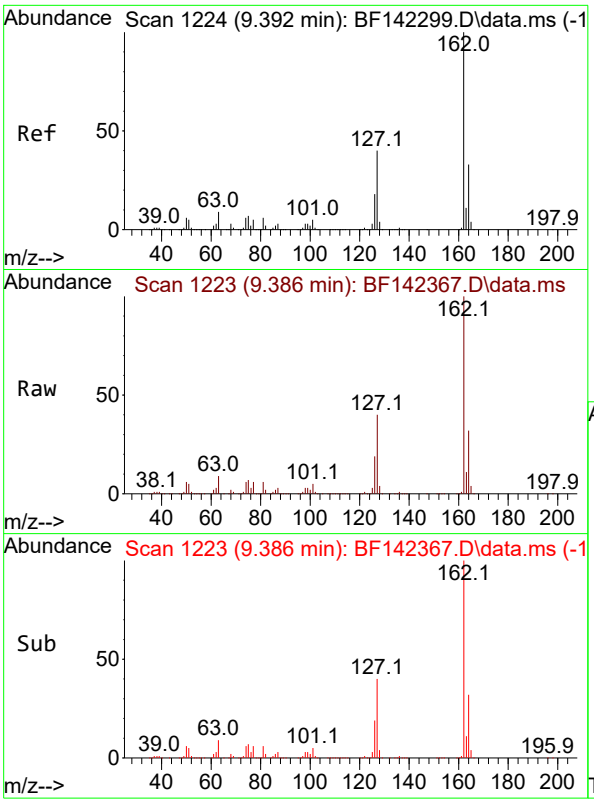


#46
1,1'-Biphenyl
Concen: 40.076 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:154 Resp: 1179021

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.5	60.5
76	11.6	0.0	32.8



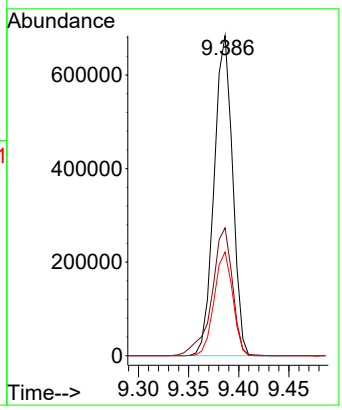


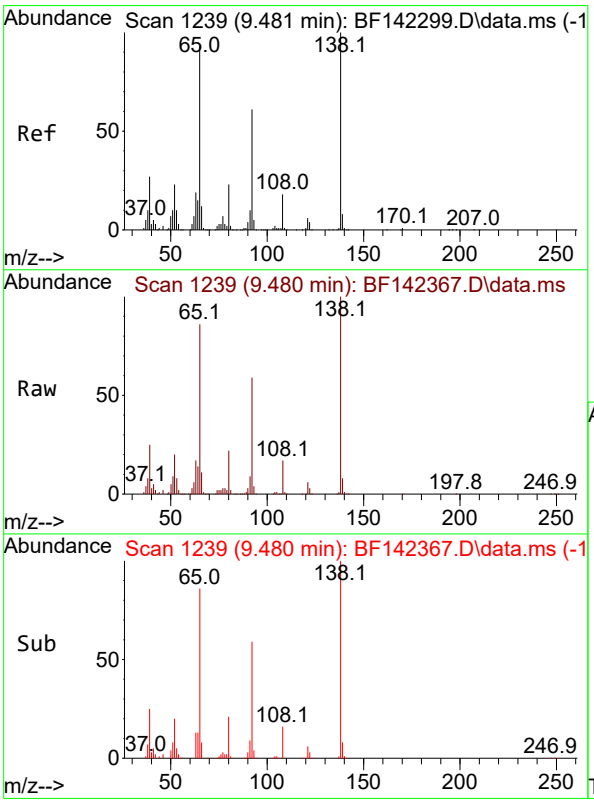
#47
2-Chloronaphthalene
Concen: 40.075 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:162 Resp: 876771

Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.3	48.5
164	32.4	26.6	40.0

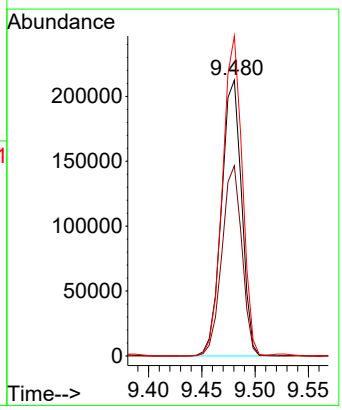


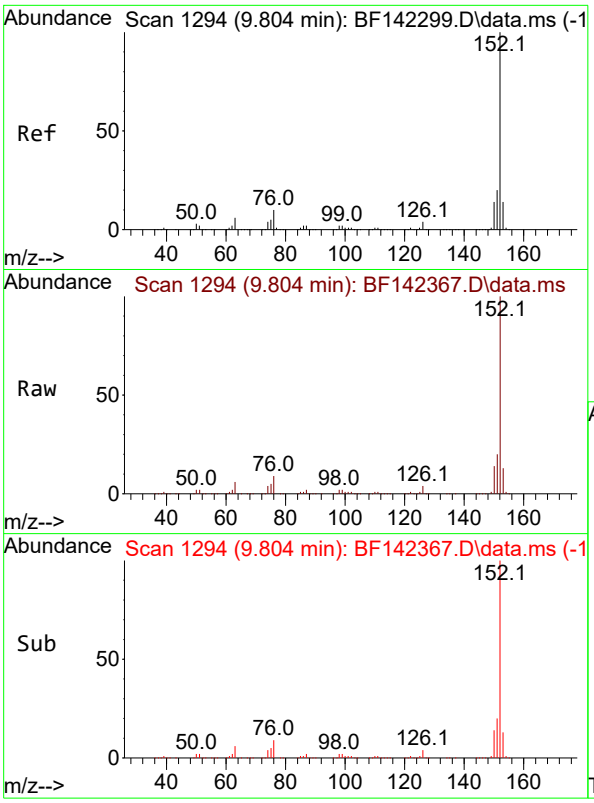


#48
2-Nitroaniline
Concen: 49.701 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion: 65 Resp: 278721

Ion	Ratio	Lower	Upper
65	100		
92	69.0	52.3	78.5
138	116.0	85.6	128.4



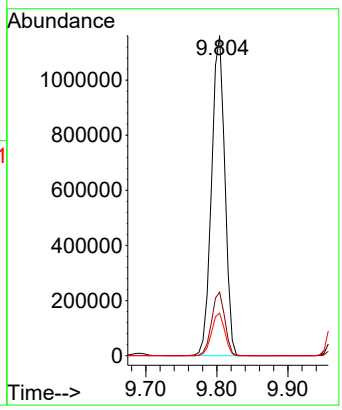


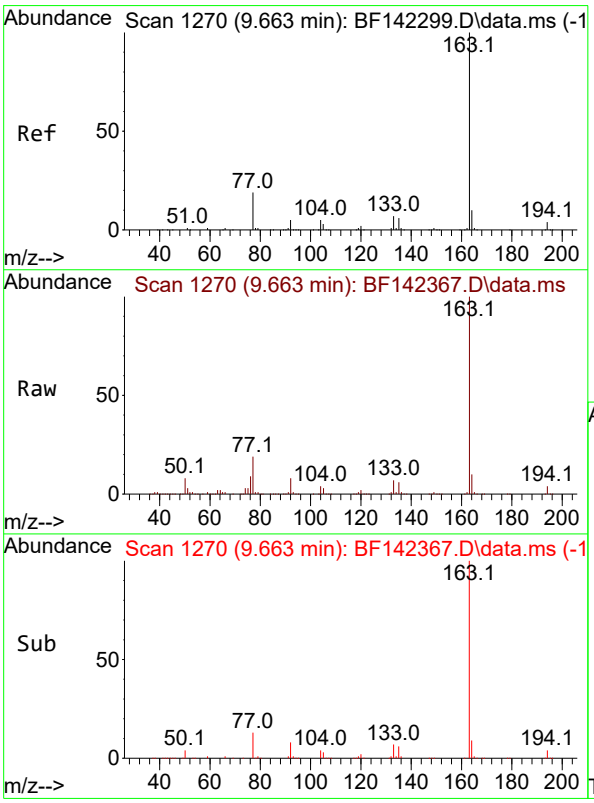
#49
Acenaphthylene
Concen: 41.083 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:152 Resp: 1503613

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.3	10.8	16.2

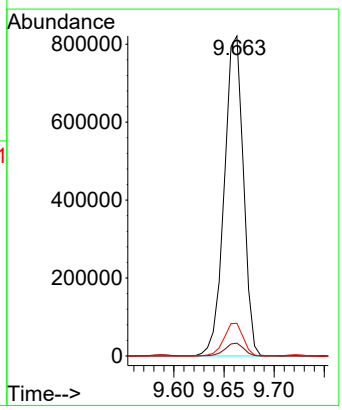


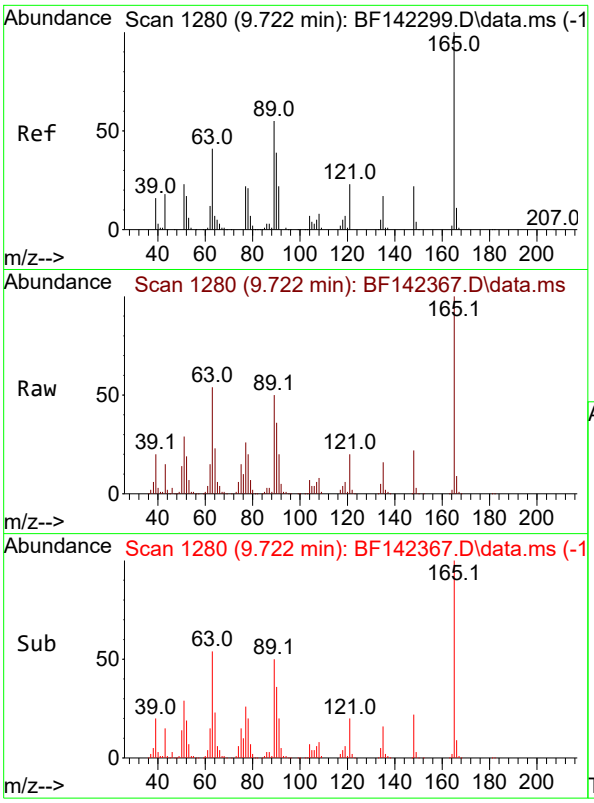


#50
Dimethylphthalate
Concen: 44.156 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:163 Resp: 1087910

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.2	8.3	12.5



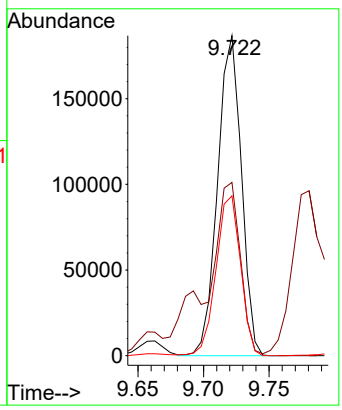


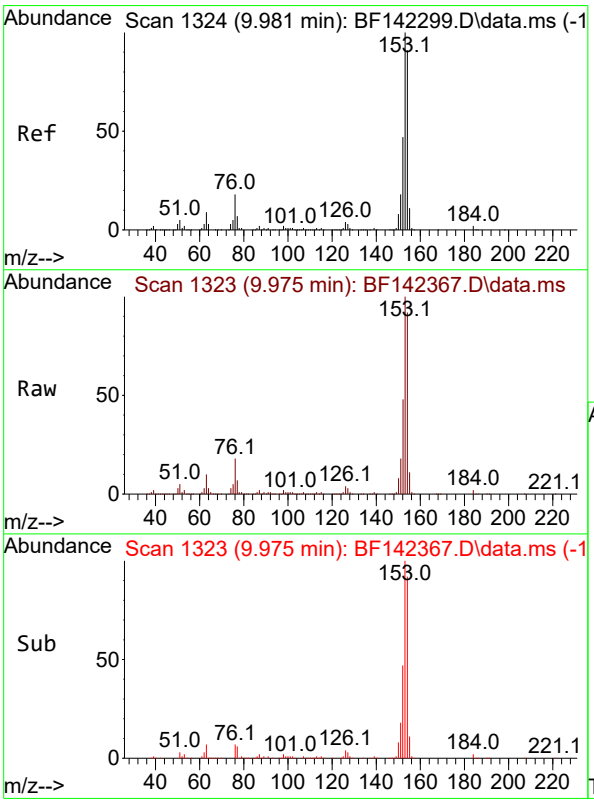
#51
2,6-Dinitrotoluene
Concen: 51.140 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:165 Resp: 235845

Ion	Ratio	Lower	Upper
165	100		
63	54.2	49.5	74.3
89	49.9	44.6	66.8

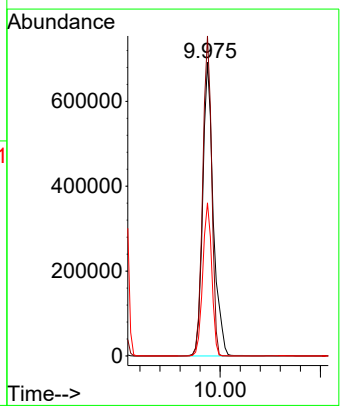


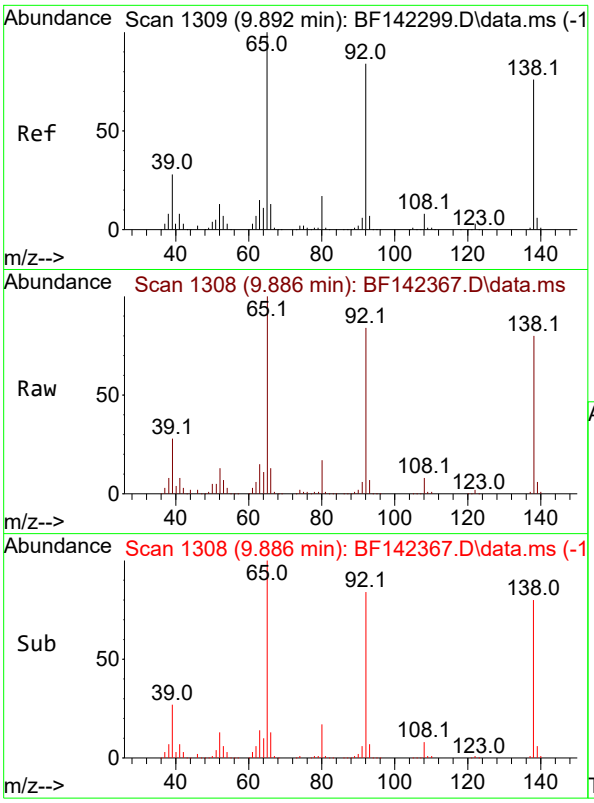


#52
Acenaphthene
Concen: 46.144 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:154 Resp: 1015493

Ion	Ratio	Lower	Upper
154	100		
153	109.1	88.0	132.0
152	52.2	41.6	62.4



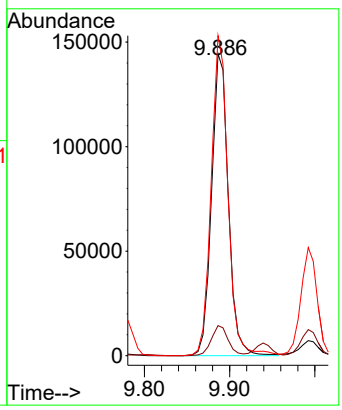


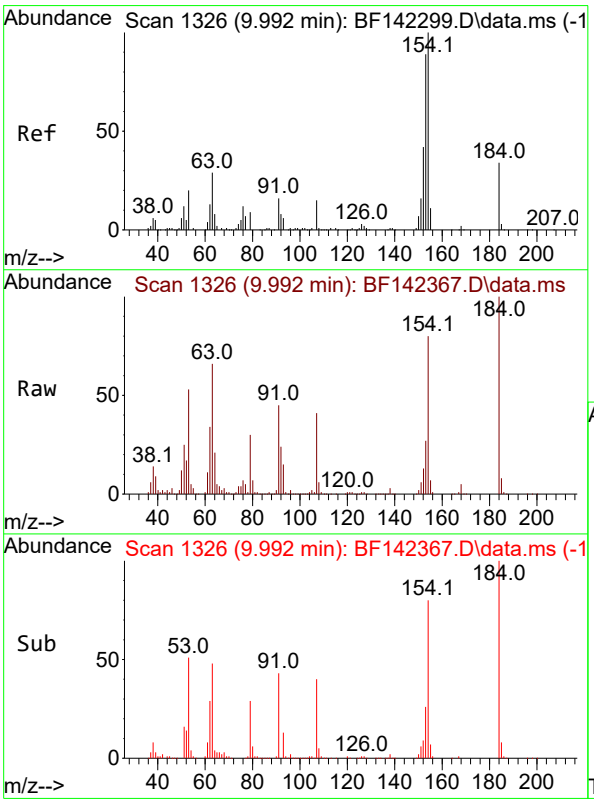
#53
3-Nitroaniline
Concen: 36.538 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:138 Resp: 197625

Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.7	13.1
92	106.0	89.5	134.3

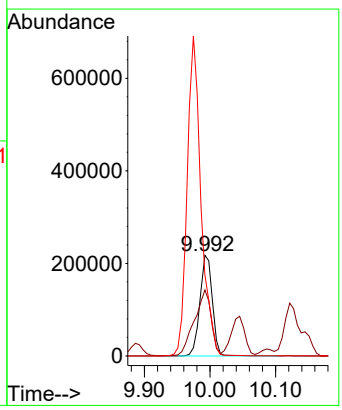


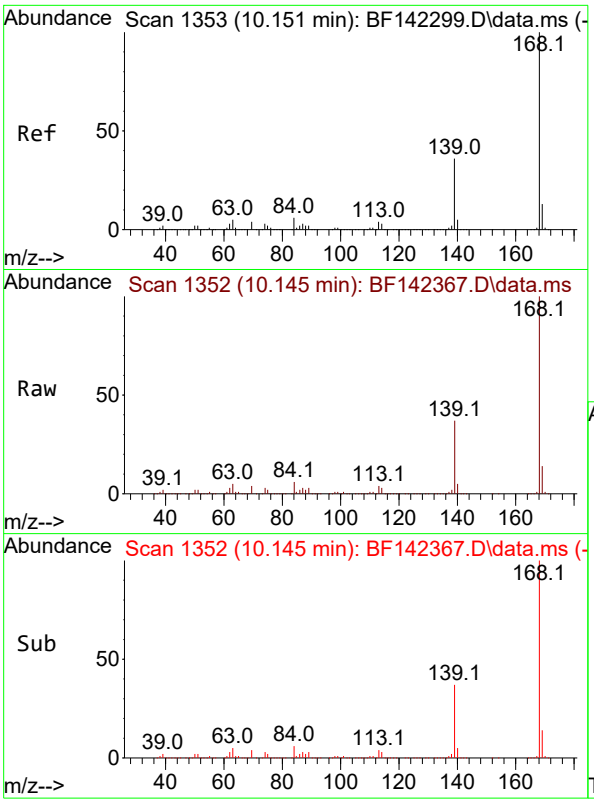


#54
2,4-Dinitrophenol
Concen: 115.398 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:184 Resp: 287471

Ion	Ratio	Lower	Upper
184	100		
63	65.6	70.6	105.8#
154	80.2	257.2	385.8#



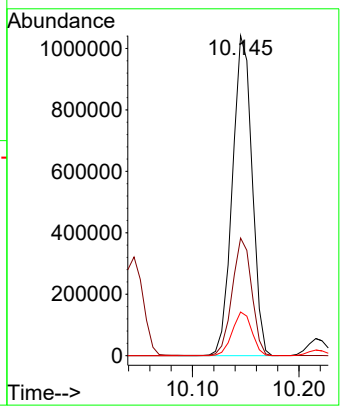


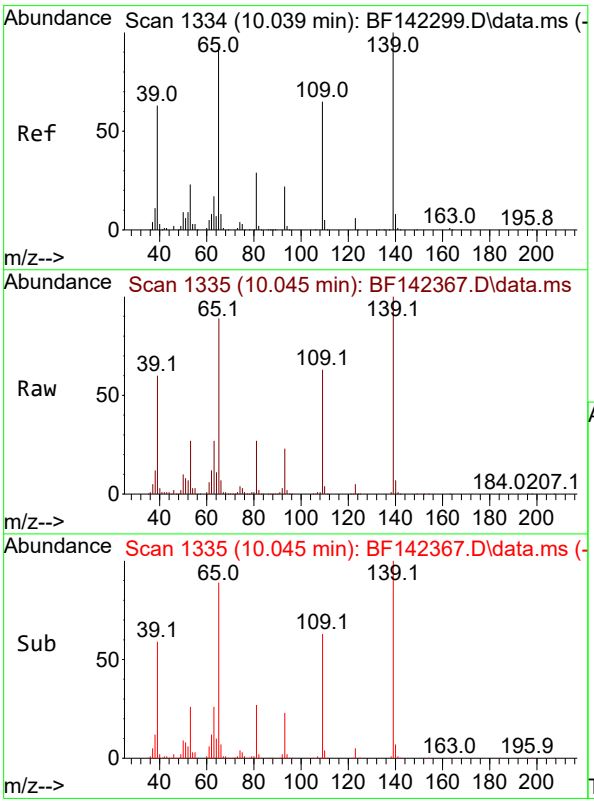
#55
Dibenzofuran
Concen: 41.222 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:168 Resp: 1338806

Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.0	43.4
169	13.6	10.7	16.1

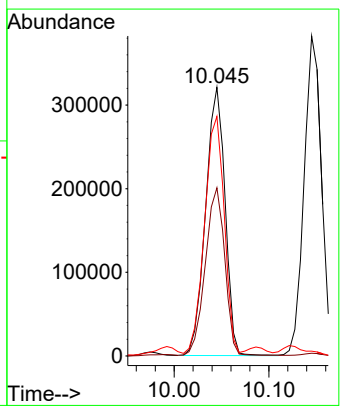


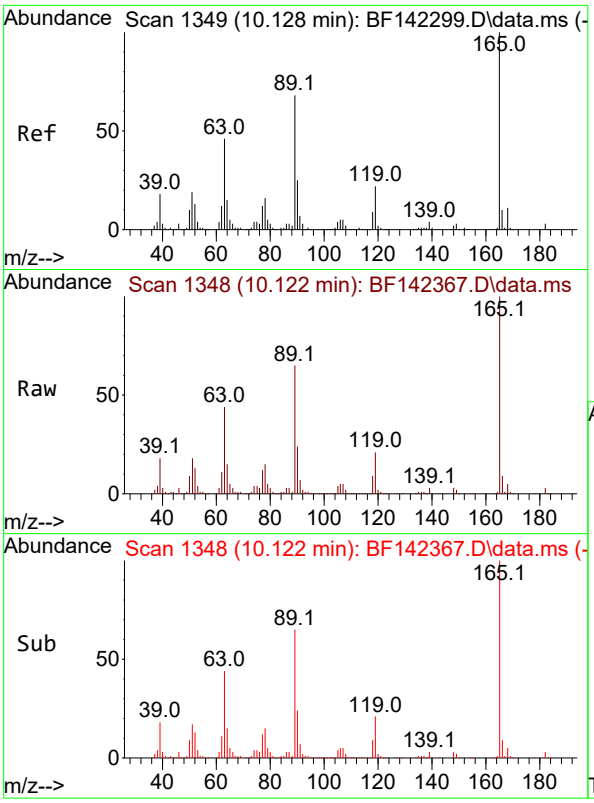


#56
4-Nitrophenol
Concen: 112.478 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:139 Resp: 457871

Ion	Ratio	Lower	Upper
139	100		
109	62.6	45.3	85.3
65	89.2	73.9	113.9



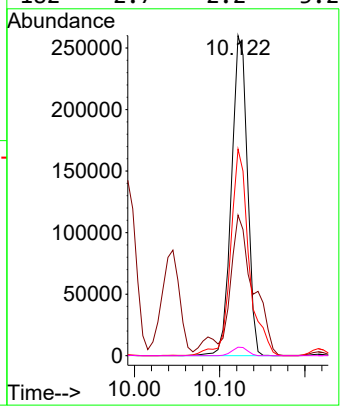


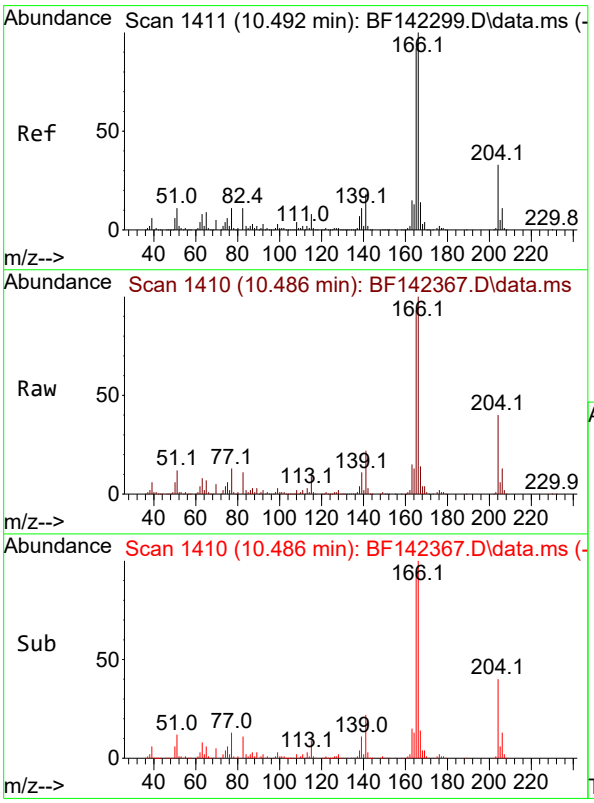
#57
2,4-Dinitrotoluene
Concen: 56.961 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:165 Resp: 336965

Ion	Ratio	Lower	Upper
165	100		
63	43.9	37.1	55.7
89	64.5	54.4	81.6
182	2.7	2.2	3.2

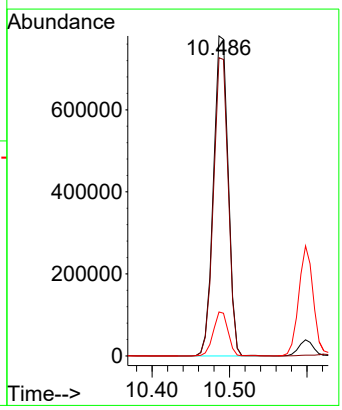


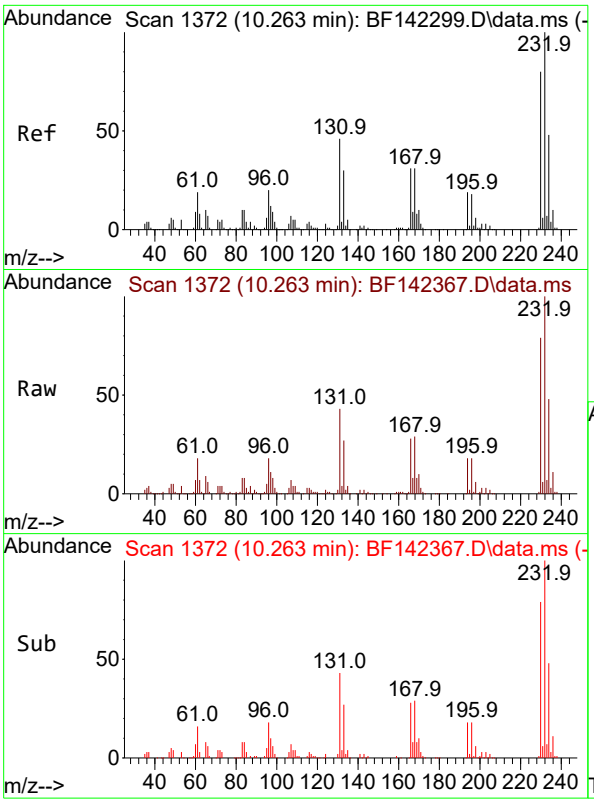


#58
Fluorene
Concen: 41.525 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:166 Resp: 1029226

Ion	Ratio	Lower	Upper
166	100		
165	93.2	74.0	111.0
167	13.8	10.9	16.3



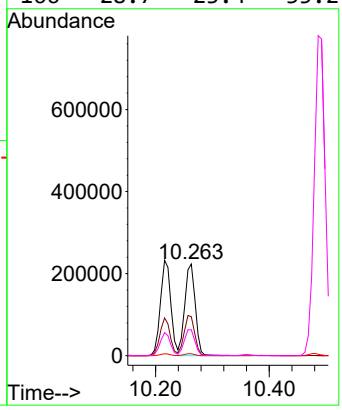


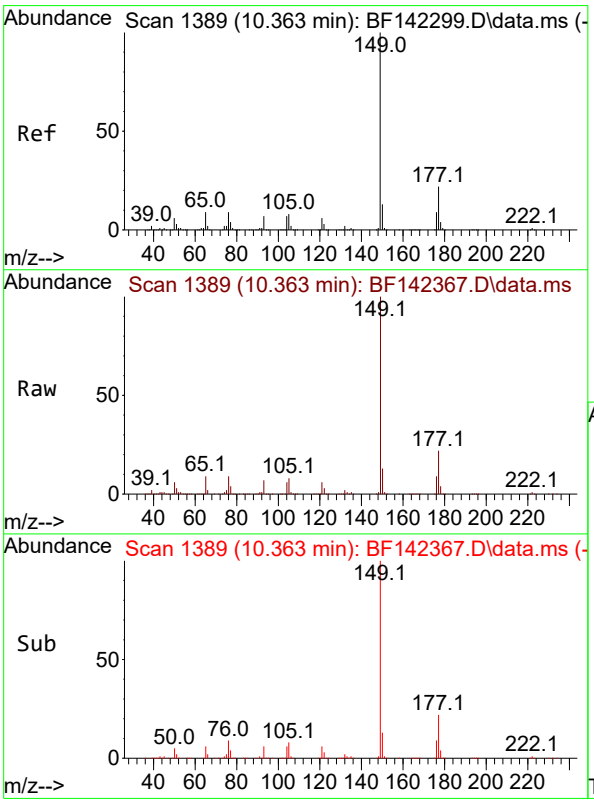
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.088 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:232 Resp: 285508

Ion	Ratio	Lower	Upper
232	100		
131	43.7	36.0	54.0
130	2.1	1.8	2.6
166	28.7	23.4	35.2

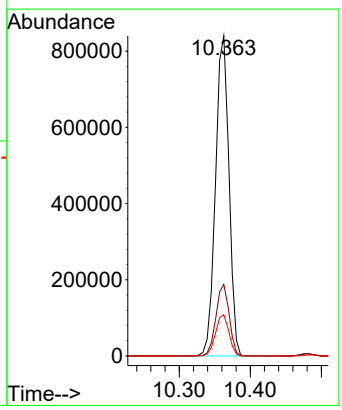


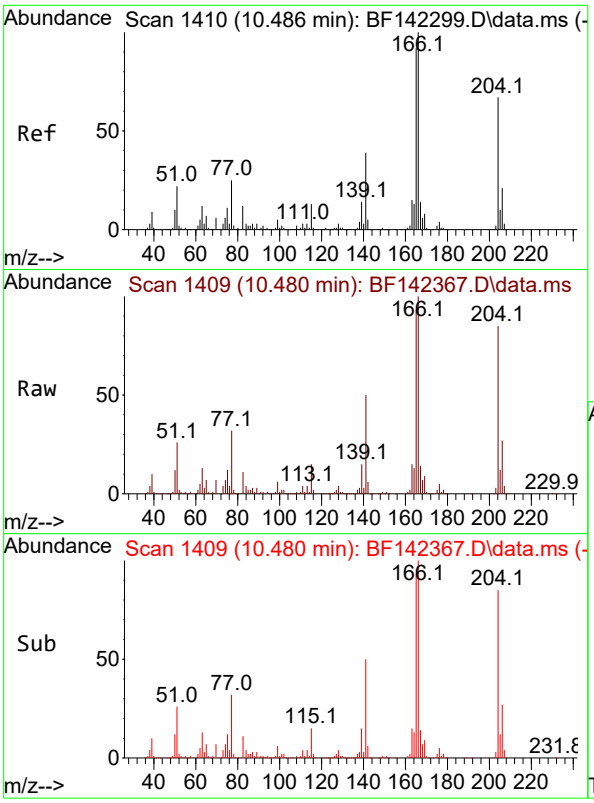


#60
Diethylphthalate
Concen: 44.698 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:149 Resp: 1099801

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.6	26.4
150	12.9	10.1	15.1



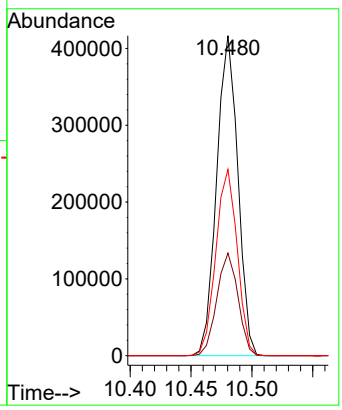


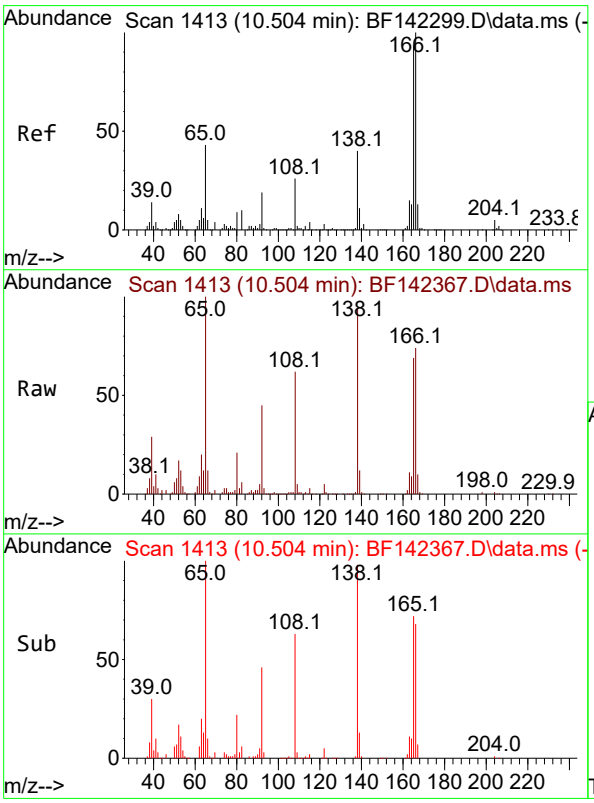
#61
4-Chlorophenyl-phenylether
Concen: 42.242 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:204 Resp: 505137

Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.5	38.3
141	58.2	46.4	69.6

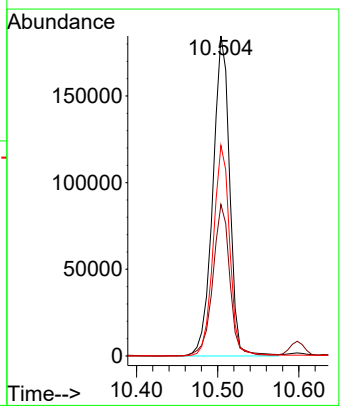


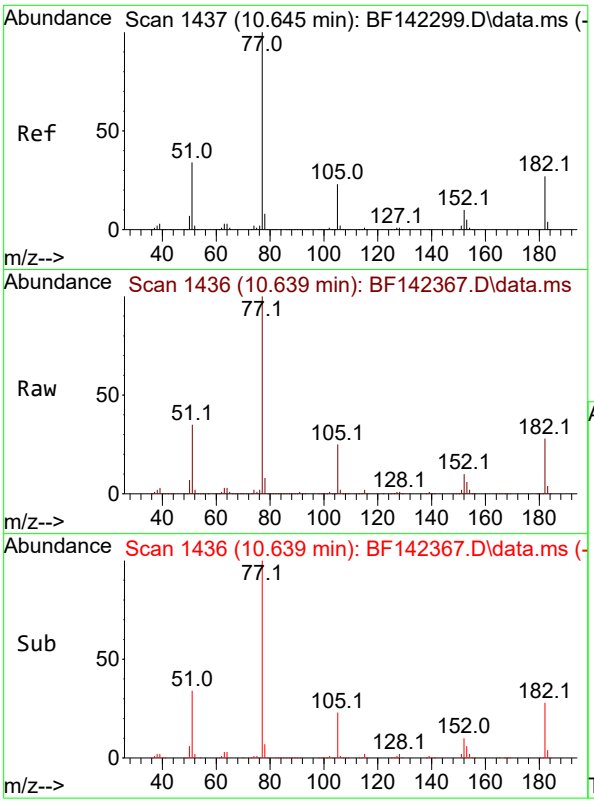


#62
4-Nitroaniline
Concen: 62.165 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:138 Resp: 266492

Ion	Ratio	Lower	Upper
138	100		
92	47.4	27.3	67.3
108	65.8	45.1	85.1



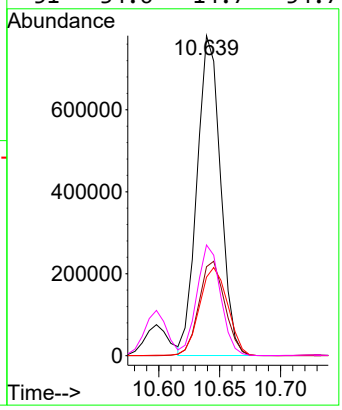


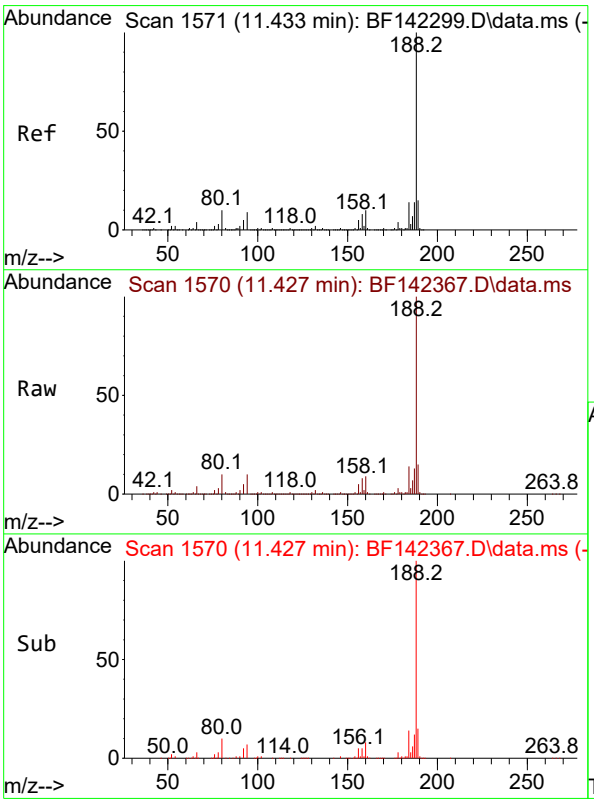
#63
Azobenzene
Concen: 44.557 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 77 Resp: 1047634

Ion	Ratio	Lower	Upper
77	100		
182	27.8	6.9	46.9
105	24.5	2.7	42.7
51	34.6	14.7	54.7

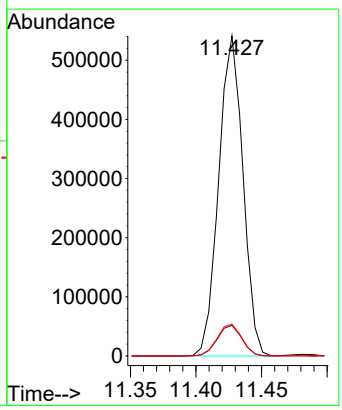


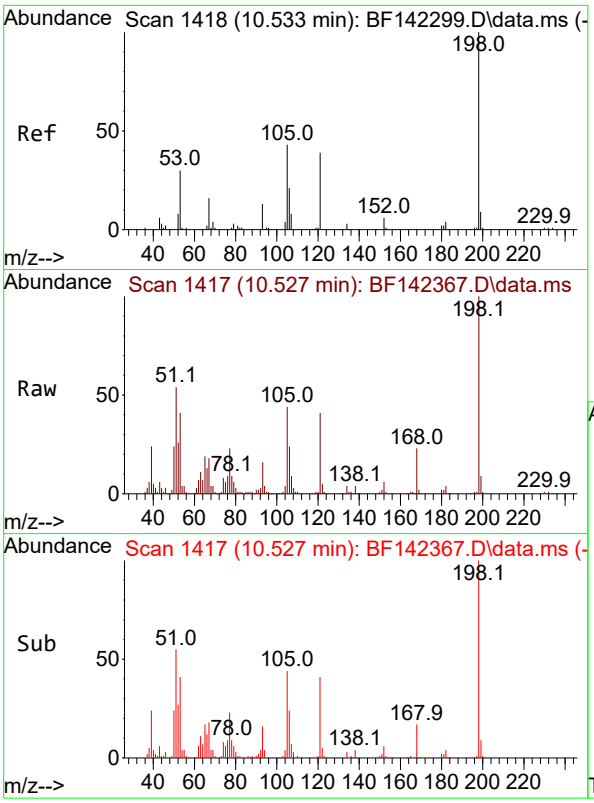


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:188 Resp: 695642

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.0	7.9	11.9



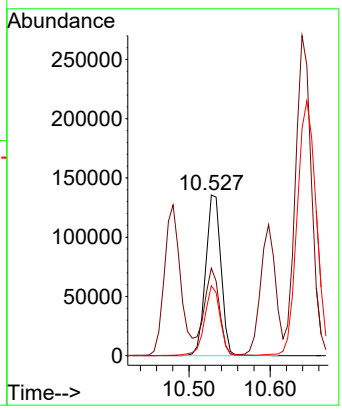


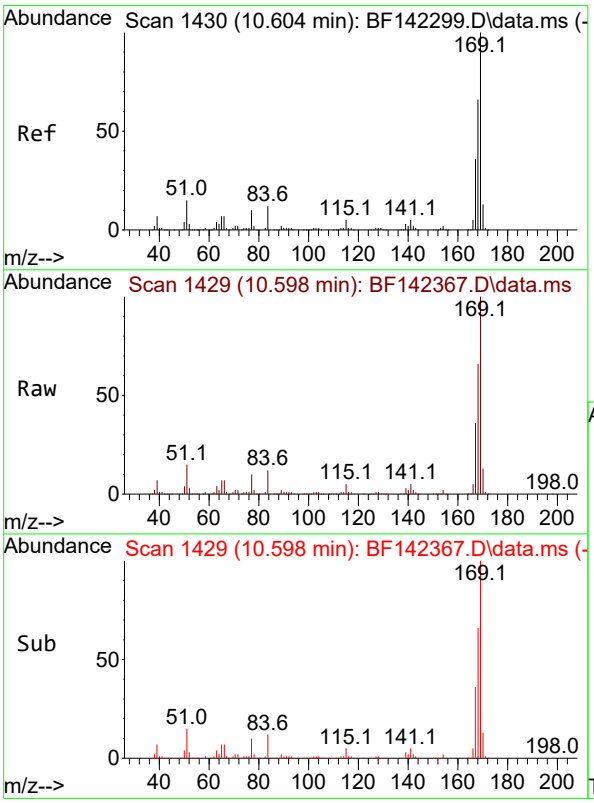
#65
4,6-Dinitro-2-methylphenol
Concen: 53.686 ng
RT: 10.527 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:198 Resp: 177334

Ion	Ratio	Lower	Upper
198	100		
51	54.5	32.9	72.9
105	43.5	23.7	63.7

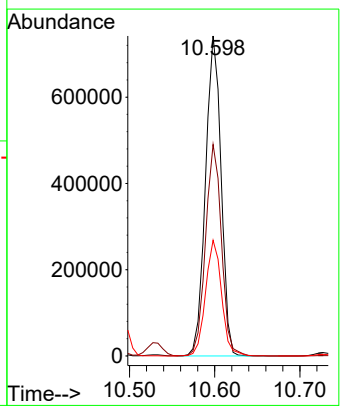


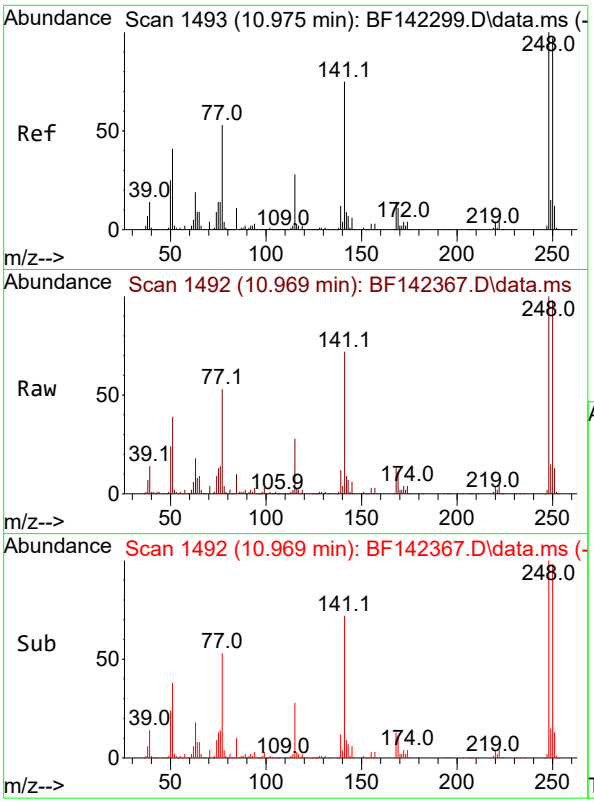


#66
n-Nitrosodiphenylamine
Concen: 40.738 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:169 Resp: 943012

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.2	79.8
167	36.1	28.9	43.3



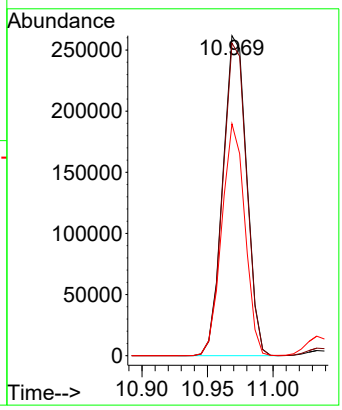


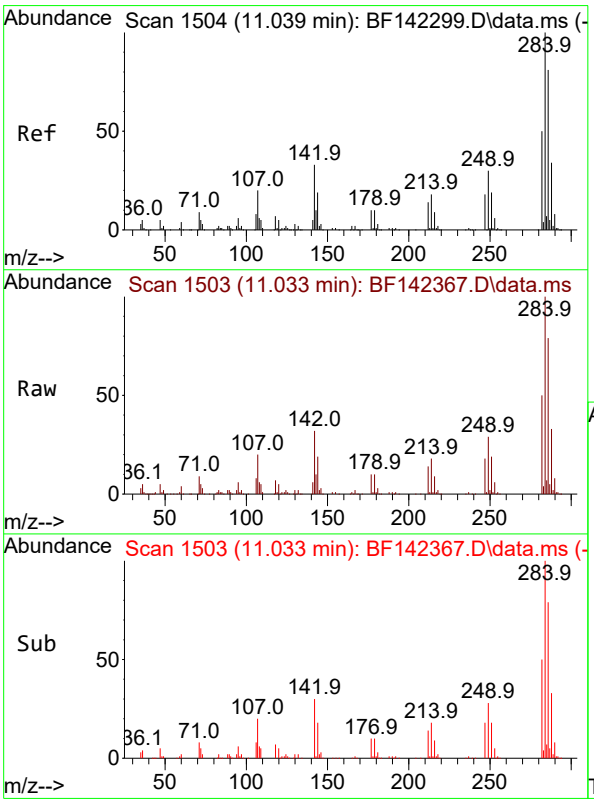
#67
4-Bromophenyl-phenylether
Concen: 41.999 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:248 Resp: 331117

Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.9	116.9
141	72.5	59.8	89.8

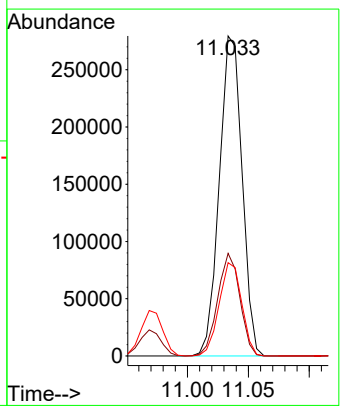


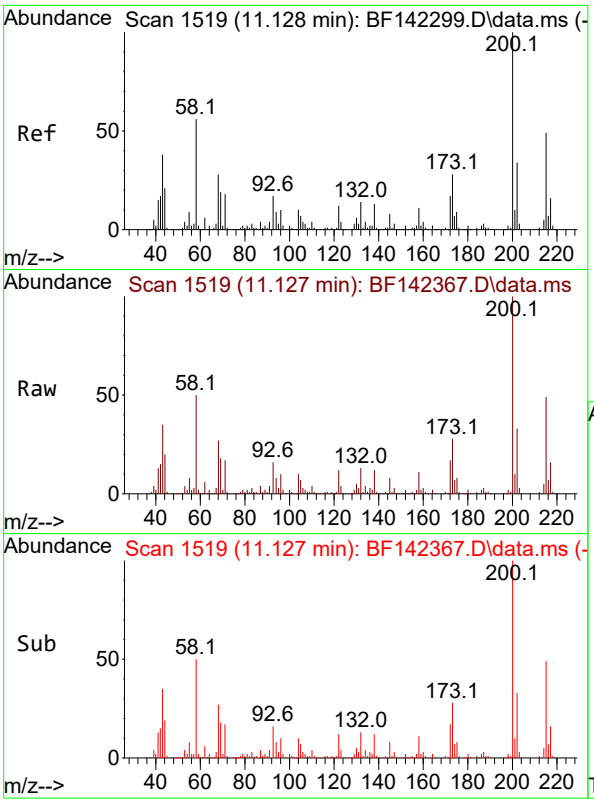


#68
Hexachlorobenzene
Concen: 41.971 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:284 Resp: 363982

Ion	Ratio	Lower	Upper
284	100		
142	32.0	26.6	39.8
249	29.2	24.1	36.1



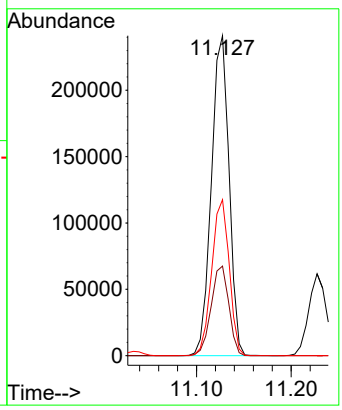


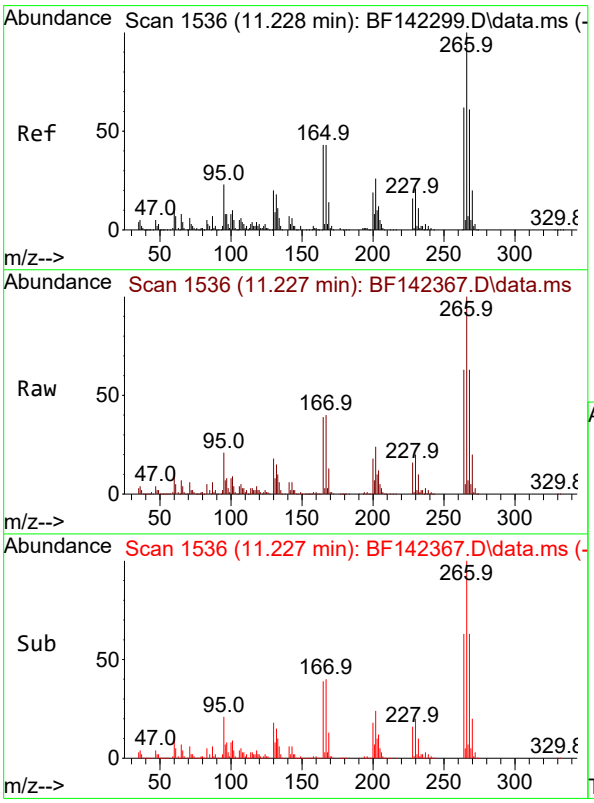
#69
Atrazine
Concen: 51.109 ng
RT: 11.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:200 Resp: 311861

Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.1	48.1
215	48.7	28.8	68.8

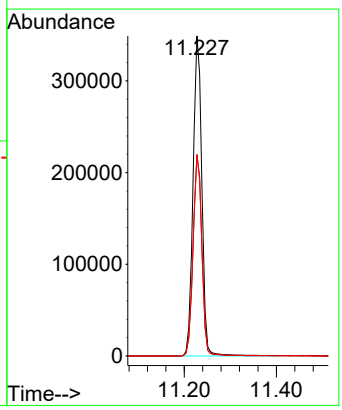


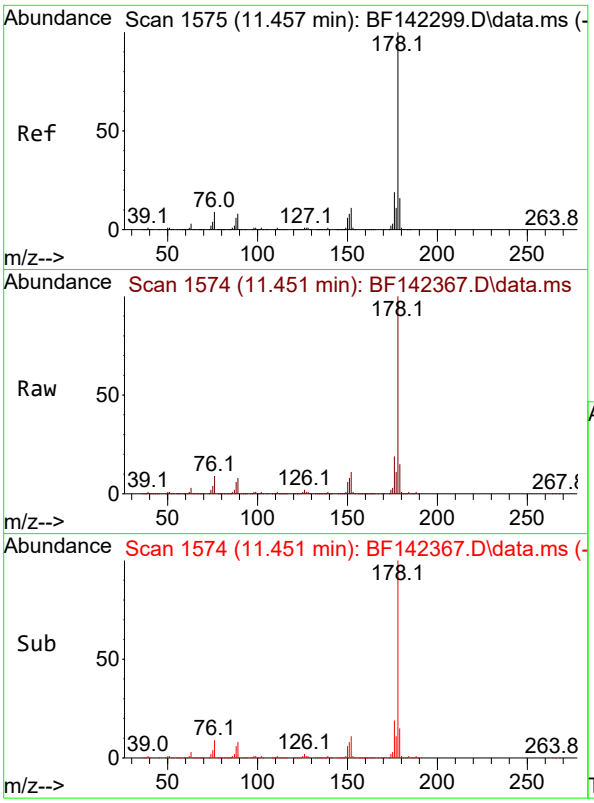


#70
Pentachlorophenol
Concen: 100.965 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:266 Resp: 460619

Ion	Ratio	Lower	Upper
266	100		
268	62.9	48.7	73.1
264	62.9	49.8	74.6



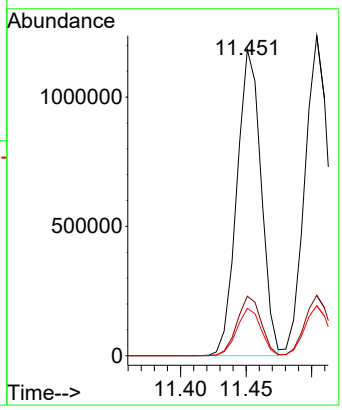


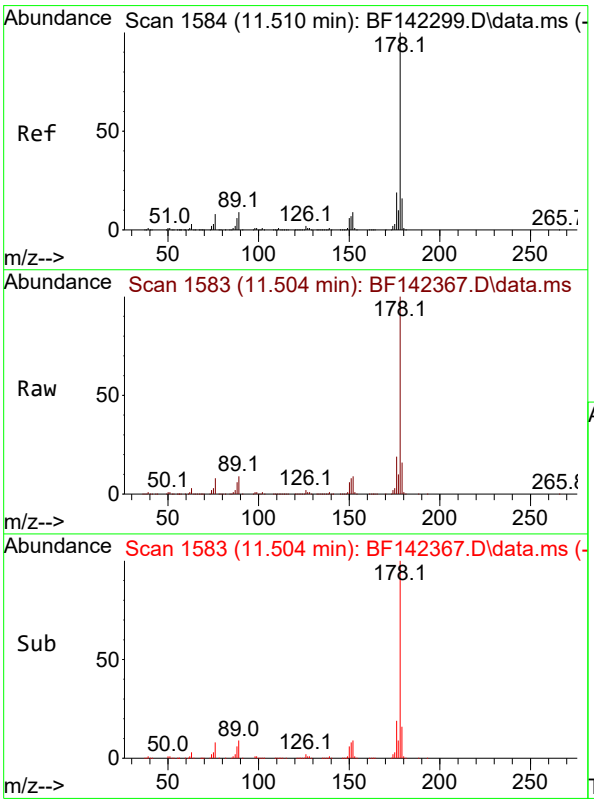
#71
Phenanthrene
Concen: 41.630 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:178 Resp: 1517989

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.5	12.6	18.8

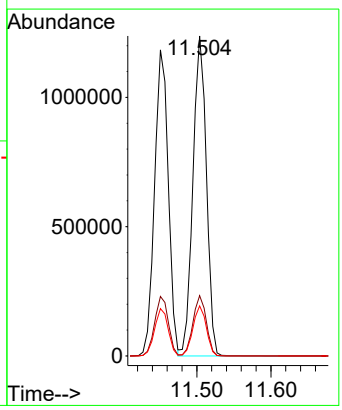


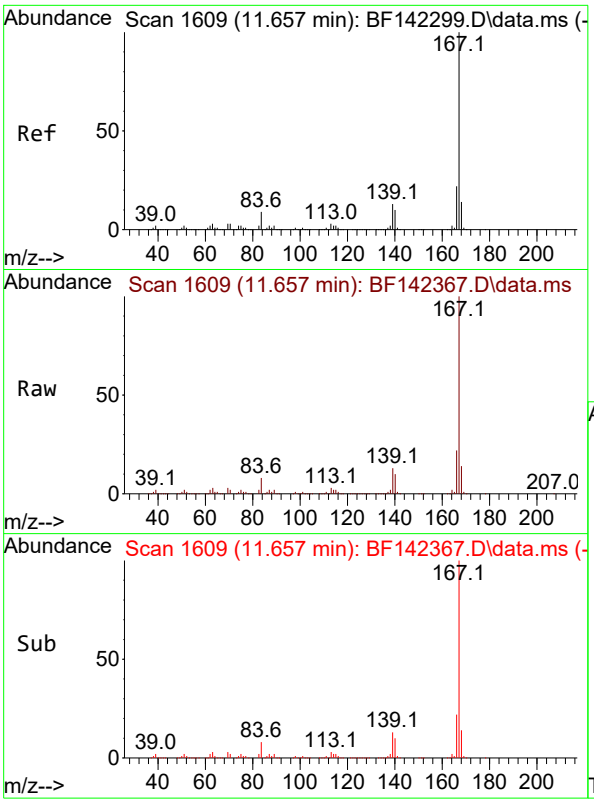


#72
Anthracene
Concen: 41.655 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:178 Resp: 1560663

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.6	12.6	18.8



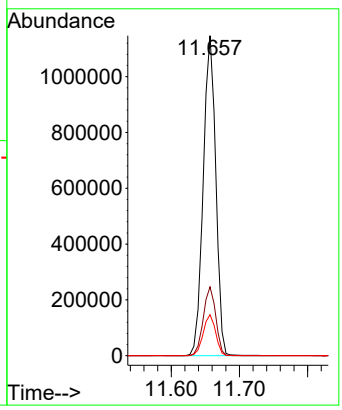


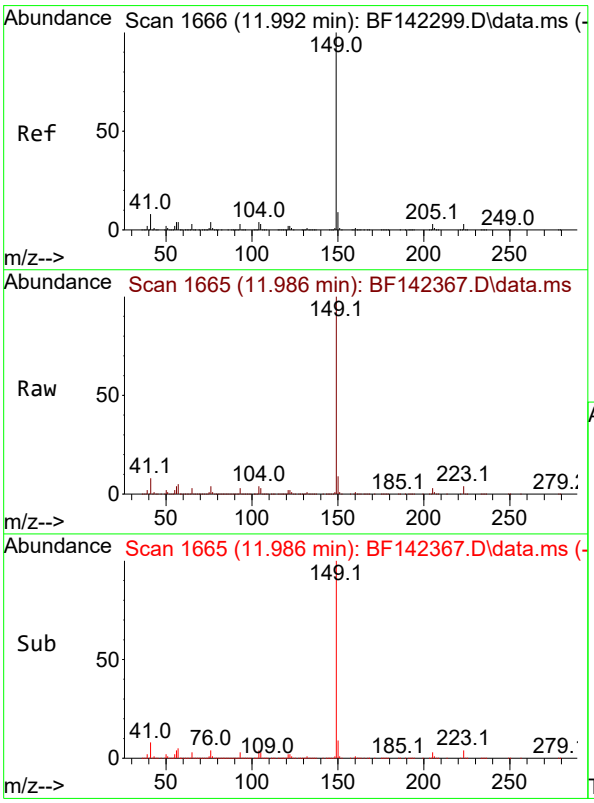
#73
Carbazole
Concen: 43.628 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:167 Resp: 1466489

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.8	10.3	15.5

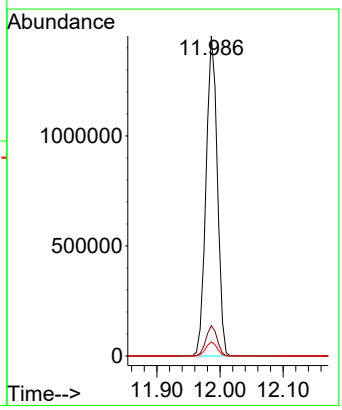


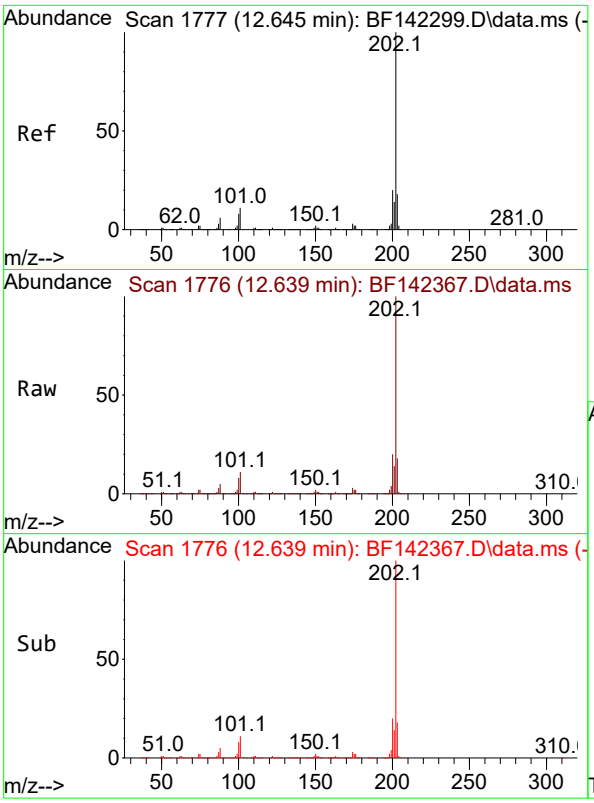


#74
Di-n-butylphthalate
Concen: 51.191 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:149 Resp: 1809368

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.4	3.6	5.4



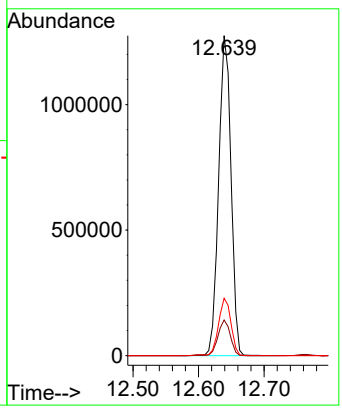


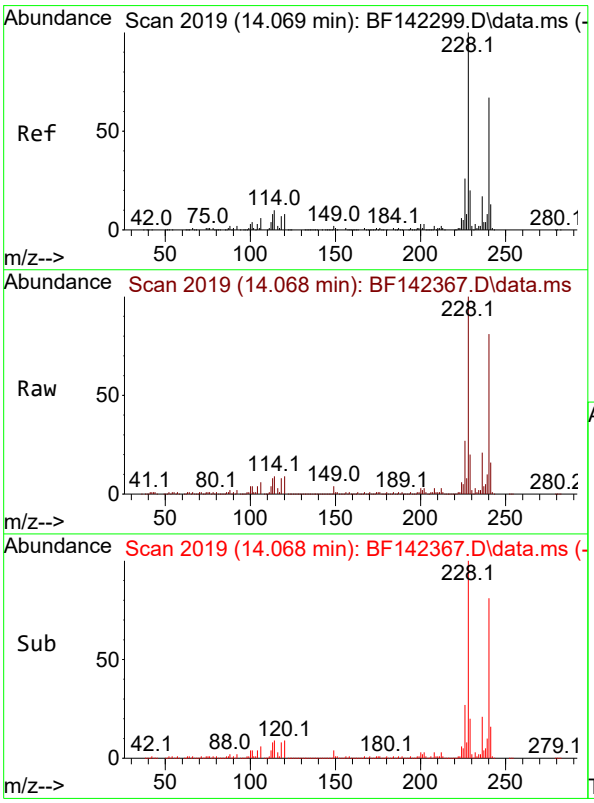
#75
Fluoranthene
Concen: 45.479 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:202 Resp: 1657698

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.4
203	17.9	0.0	37.9

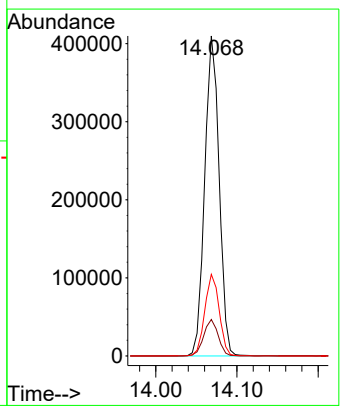


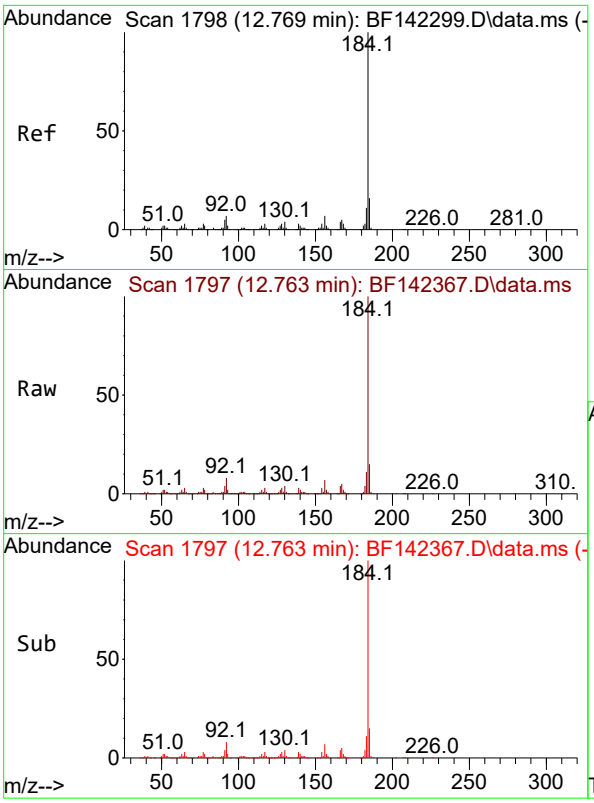


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:240 Resp: 504507

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.7	14.5
236	25.5	20.0	30.0



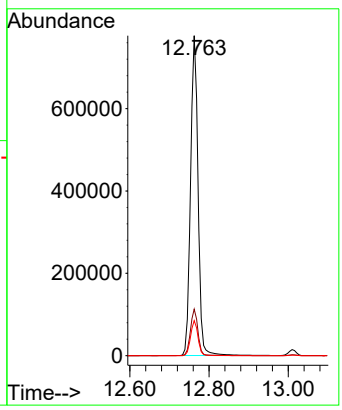


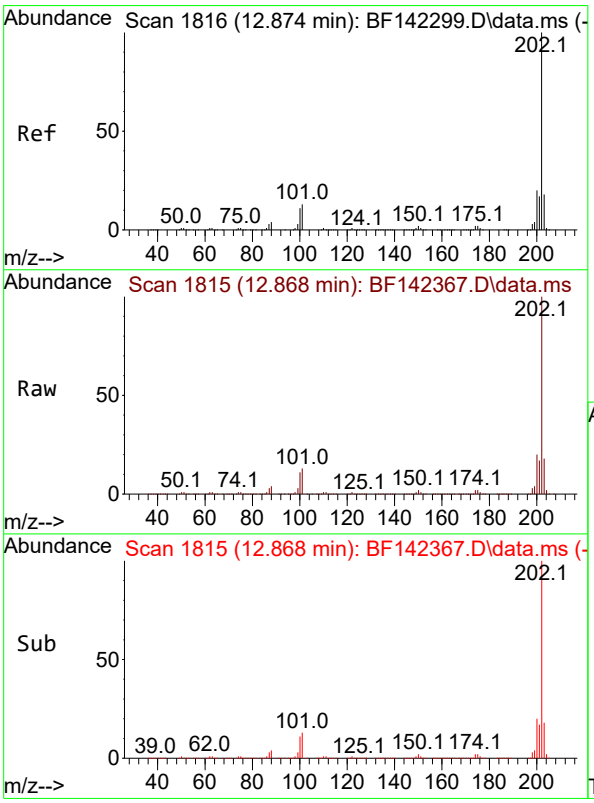
#77
Benzidine
Concen: 111.462 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:184 Resp: 1021921

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	11.0	8.6	12.8

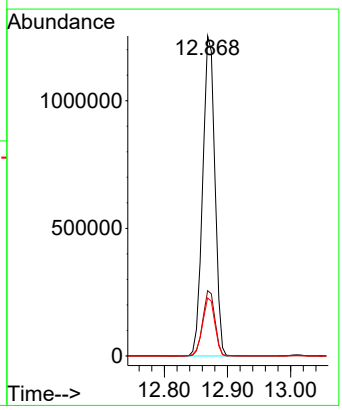


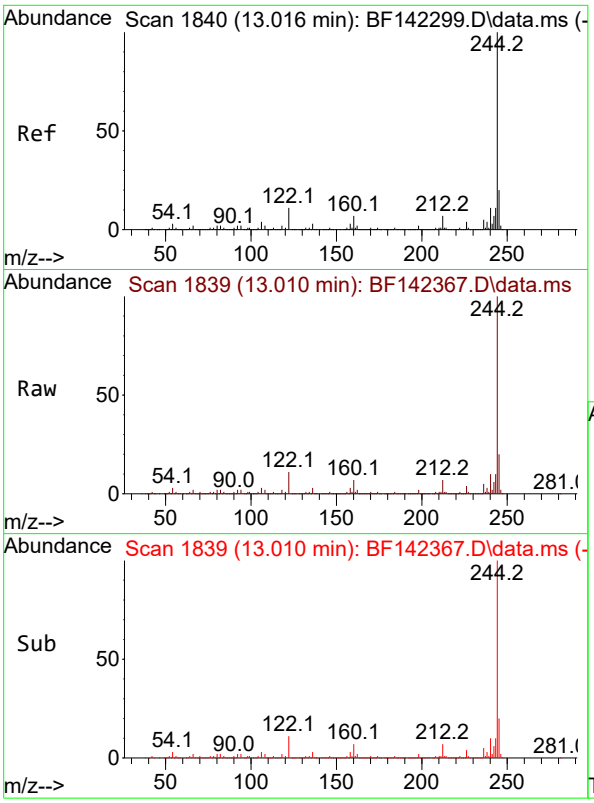


#78
Pyrene
Concen: 37.293 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:202 Resp: 1674701

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	18.1	14.3	21.5



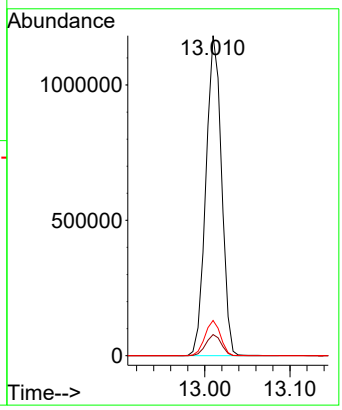


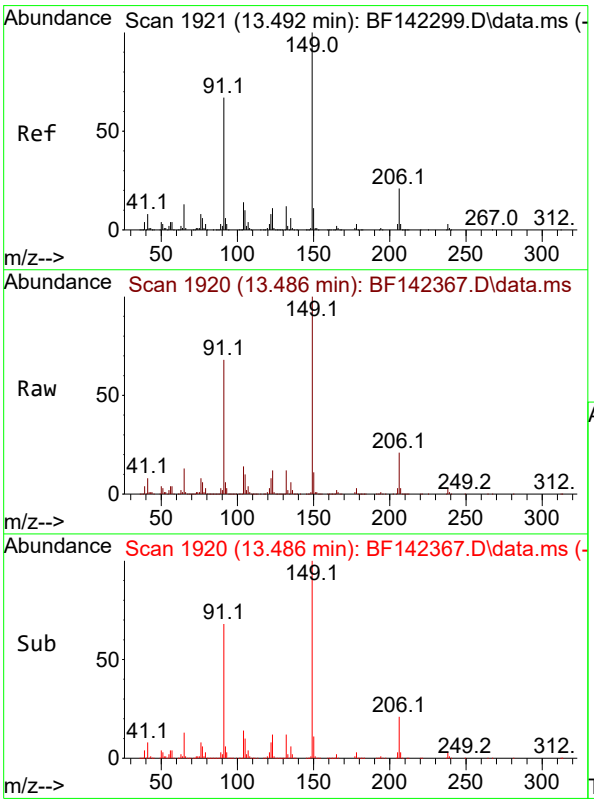
#79
Terphenyl-d14
Concen: 44.122 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:244 Resp: 1503921

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	11.0	9.0	13.4

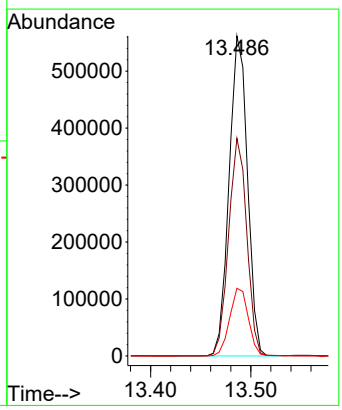


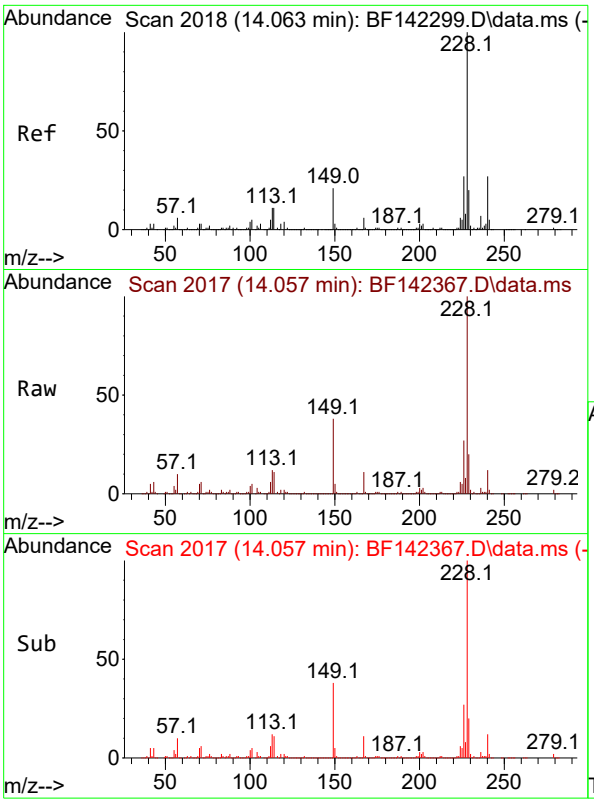


#80
Butylbenzylphthalate
Concen: 54.143 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:149 Resp: 716198

Ion	Ratio	Lower	Upper
149	100		
91	68.0	53.8	80.6
206	21.1	16.6	24.8



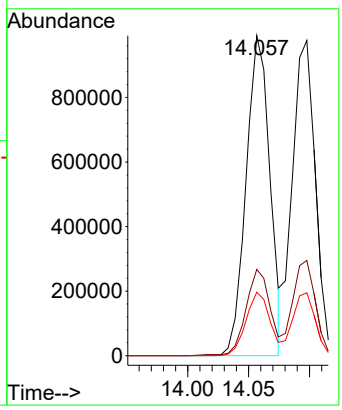


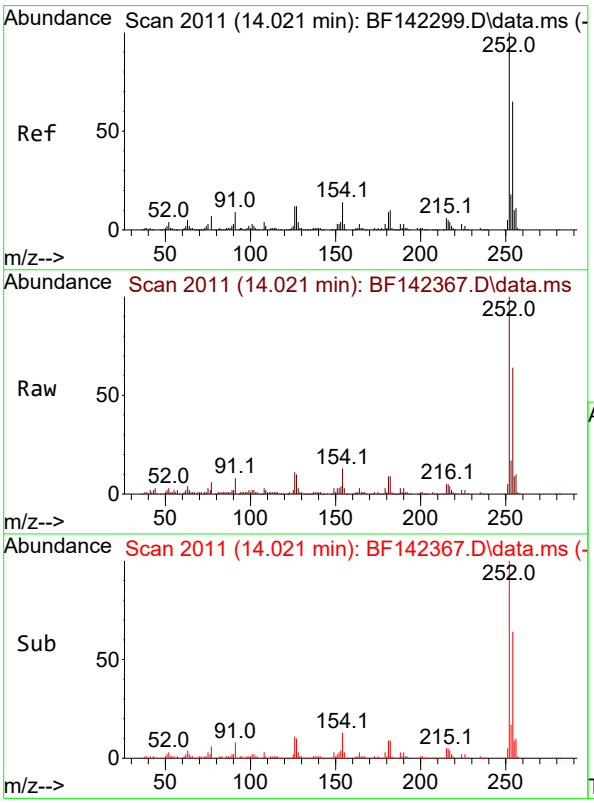
#81
Benzo(a)anthracene
Concen: 41.287 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:228 Resp: 1348952

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.5	32.3
229	19.8	15.9	23.9

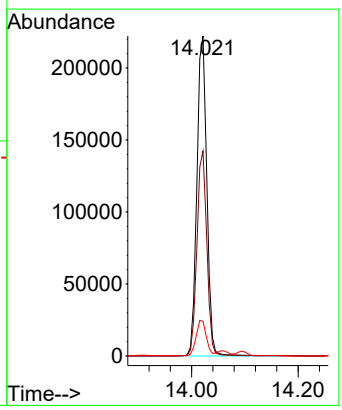


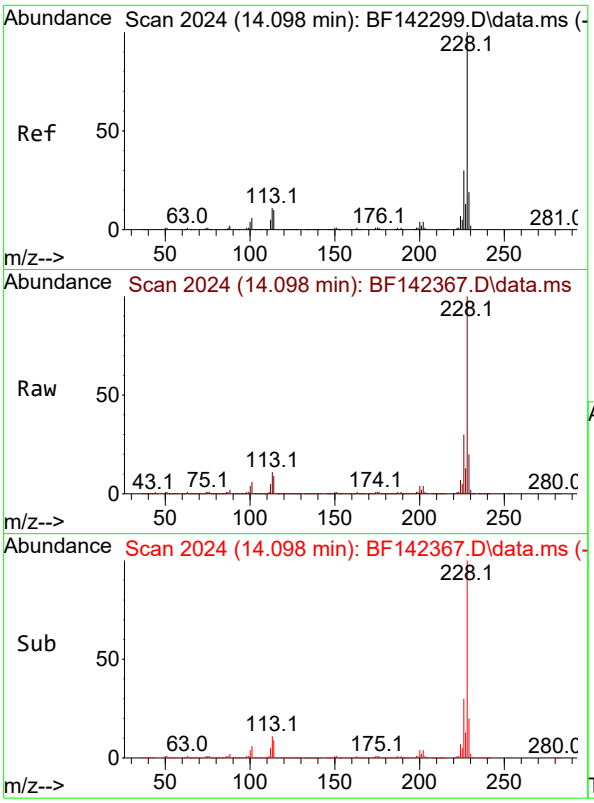


#82
3,3'-Dichlorobenzidine
Concen: 37.931 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:252 Resp: 288195

Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.0	78.0
126	10.8	9.7	14.5



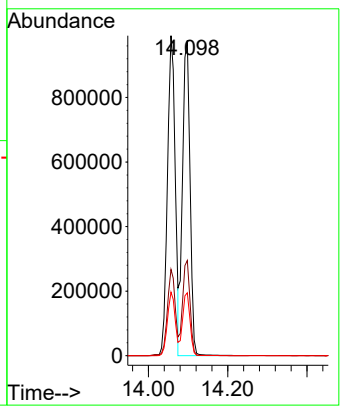


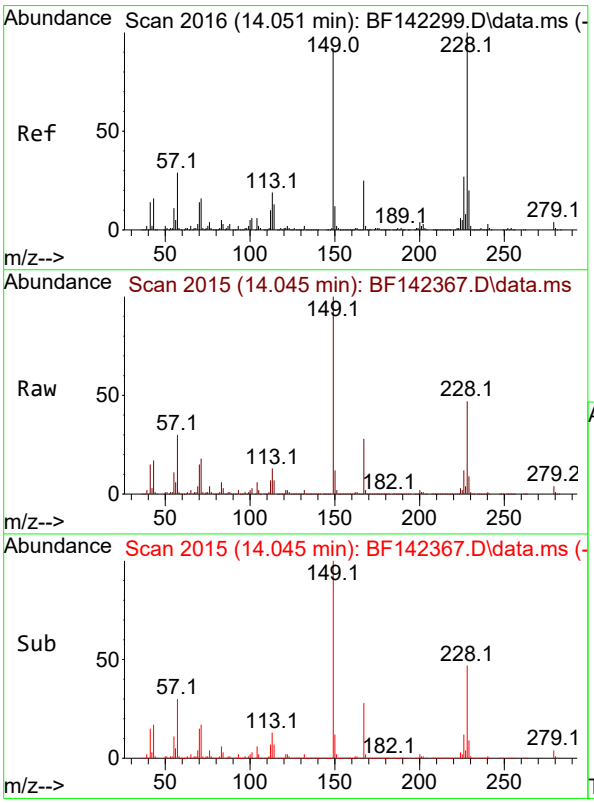
#83
Chrysene
Concen: 42.364 ng
RT: 14.098 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:228 Resp: 1288523

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.9	15.4	23.2

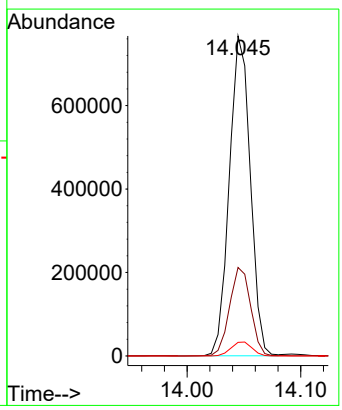


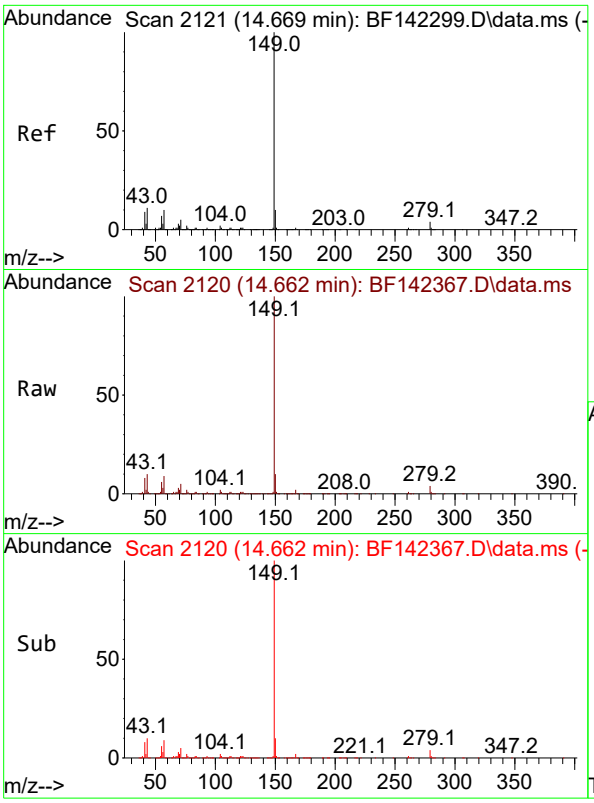


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.774 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:149 Resp: 983412

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.0	33.0
279	4.3	3.0	4.6



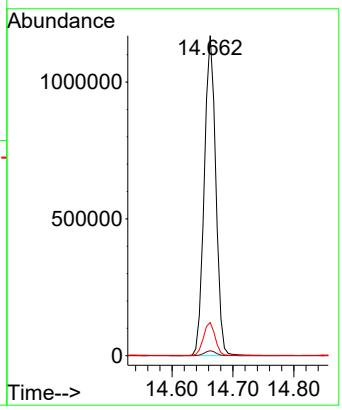


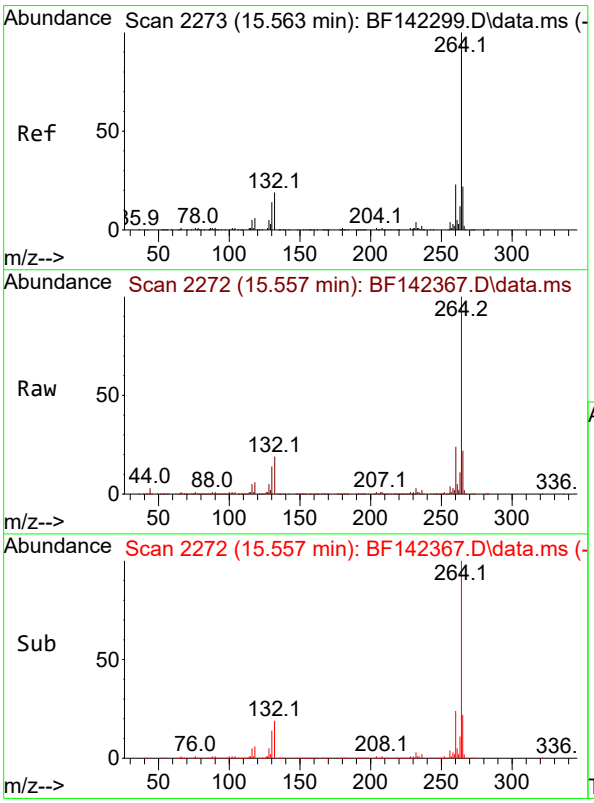
#85
Di-n-octyl phthalate
Concen: 49.457 ng
RT: 14.662 min Scan# 21
Delta R.T. -0.007 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:149 Resp: 1530562

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.4	9.2	13.8

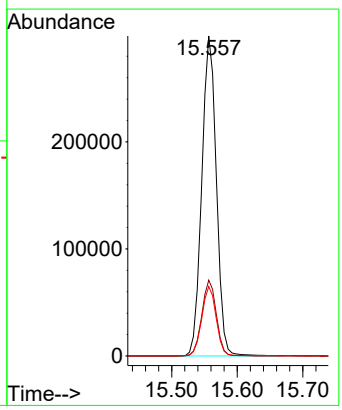


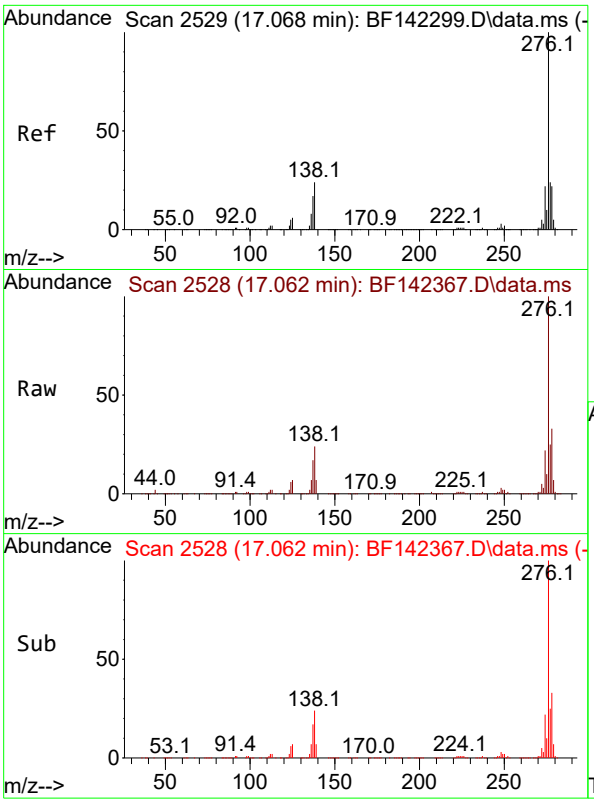


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:264 Resp: 463876

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.7	17.5	26.3



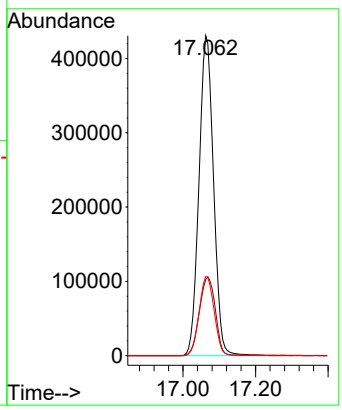


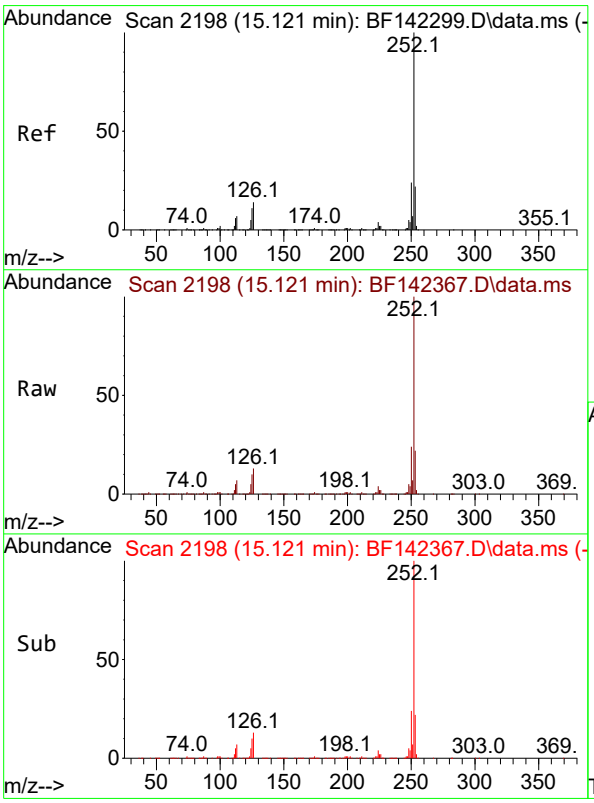
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.225 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:276 Resp: 1201187

Ion	Ratio	Lower	Upper
276	100		
138	26.9	22.0	33.0
277	25.6	20.1	30.1

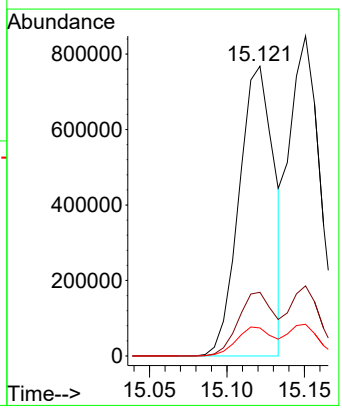


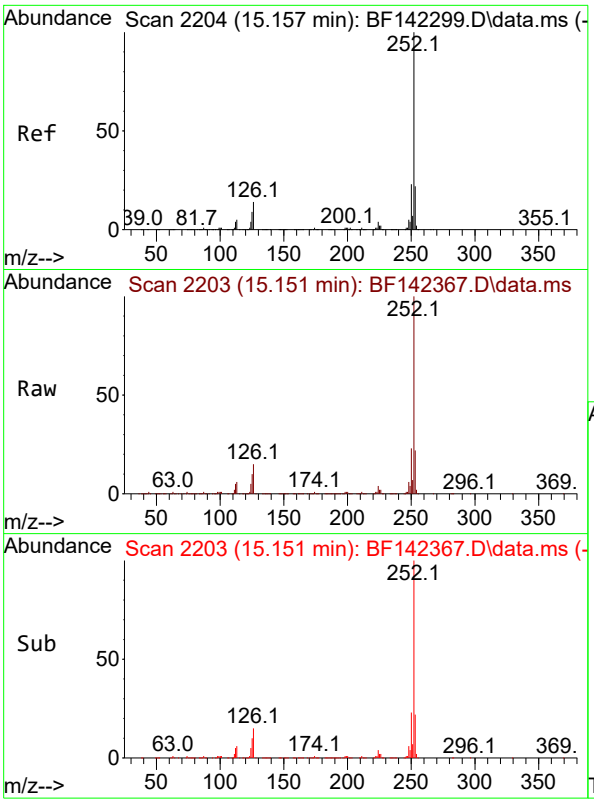


#88
Benzo(b)fluoranthene
Concen: 42.951 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:252 Resp: 1206700

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.7	8.7	13.1



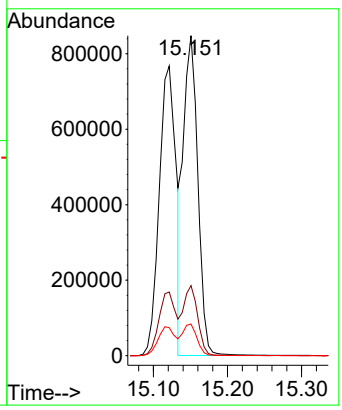


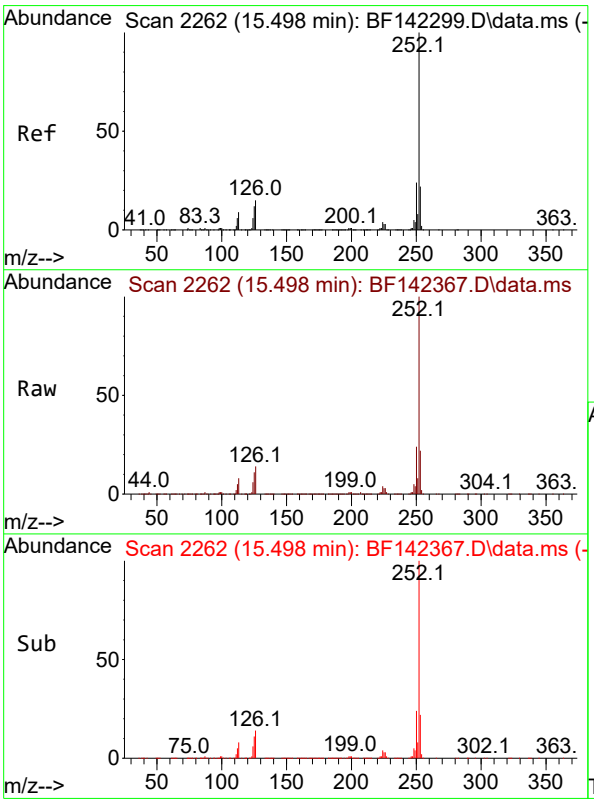
#89
Benzo(k)fluoranthene
Concen: 45.067 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:252 Resp: 1158689

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.9	8.1	12.1

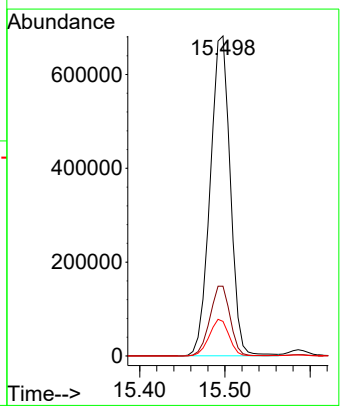


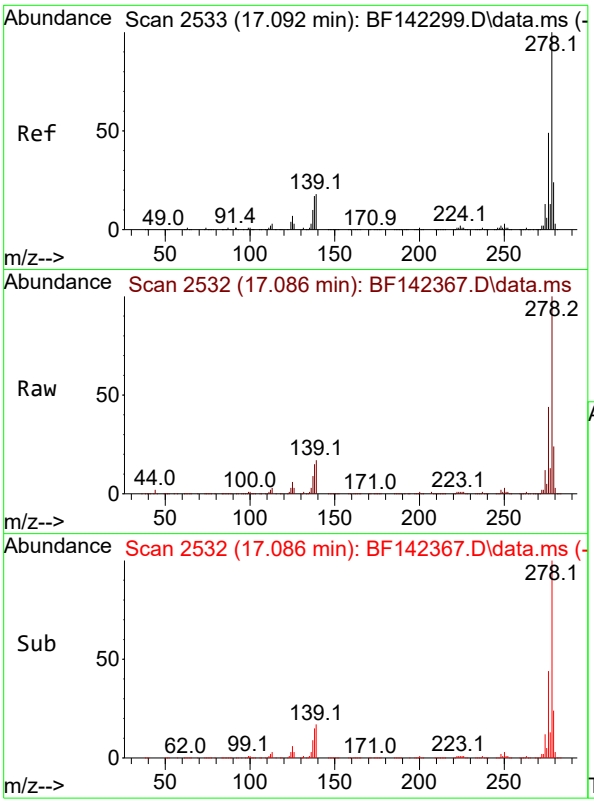


#90
Benzo(a)pyrene
Concen: 44.379 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:252 Resp: 1117294

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.8	9.4	14.0



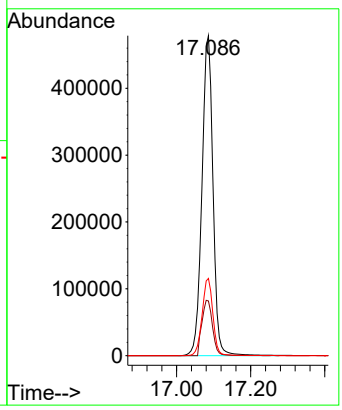


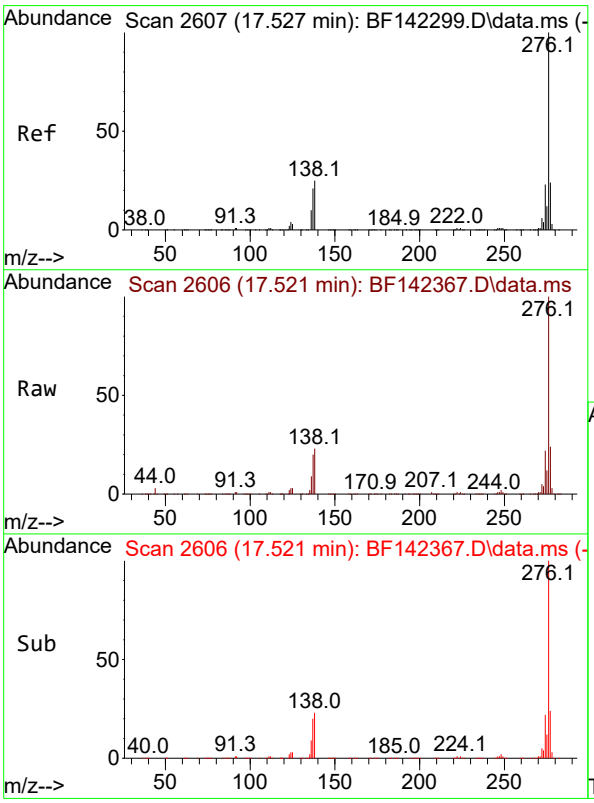
#91
Dibenzo(a,h)anthracene
Concen: 37.216 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:278 Resp: 992131

Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.5	21.7
279	24.2	18.9	28.3

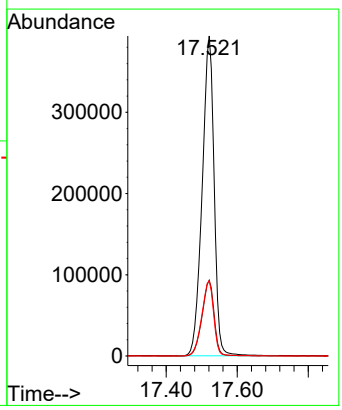




#92
Benzo(g,h,i)perylene
Concen: 34.922 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:276 Resp: 924006

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	23.4	19.8	29.6



Raw Data: **BP024639.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-13MSD	SDG No.:	Q1982
Lab Sample ID:	Q2010-02MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.4
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024639.D	1	05/13/25 09:05	05/15/25 15:59	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1600		180	390	ug/Kg
108-95-2	Phenol	1900		26.2	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		28.8	200	ug/Kg
95-57-8	2-Chlorophenol	1900		28.9	200	ug/Kg
95-48-7	2-Methylphenol	1800		35.4	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		44.4	200	ug/Kg
98-86-2	Acetophenone	1800		34.9	200	ug/Kg
65794-96-9	3+4-Methylphenols	1800		48.7	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		56.1	94.8	ug/Kg
67-72-1	Hexachloroethane	1700		20.8	200	ug/Kg
98-95-3	Nitrobenzene	1800		21.7	200	ug/Kg
78-59-1	Isophorone	1700		38.8	200	ug/Kg
88-75-5	2-Nitrophenol	2000		68.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		76.8	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		36.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		33.5	200	ug/Kg
91-20-3	Naphthalene	1800		26.9	200	ug/Kg
106-47-8	4-Chloroaniline	1100		41.9	200	ug/Kg
87-68-3	Hexachlorobutadiene	1800		30.0	200	ug/Kg
105-60-2	Caprolactam	1800		61.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		34.0	200	ug/Kg
91-57-6	2-Methylnaphthalene	1800		30.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4500	E	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		23.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		34.5	200	ug/Kg
92-52-4	1,1-Biphenyl	1900		25.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	1900		26.6	200	ug/Kg
88-74-4	2-Nitroaniline	2000		57.0	200	ug/Kg
131-11-3	Dimethylphthalate	1800		32.1	200	ug/Kg

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BP024639.D	1	05/13/25 09:05	05/15/25 15:59	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1800		34.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		39.8	200	ug/Kg
99-09-2	3-Nitroaniline	1300		54.5	200	ug/Kg
83-32-9	Acenaphthene	1800		25.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	3800	E	270	390	ug/Kg
100-02-7	4-Nitrophenol	3800	E	130	390	ug/Kg
132-64-9	Dibenzofuran	1800		26.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		59.3	200	ug/Kg
84-66-2	Diethylphthalate	1800		33.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		31.6	200	ug/Kg
86-73-7	Fluorene	1800		30.0	200	ug/Kg
100-01-6	4-Nitroaniline	1900		76.0	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000		120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1900		39.0	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		32.9	200	ug/Kg
118-74-1	Hexachlorobenzene	1800		30.0	200	ug/Kg
1912-24-9	Atrazine	1900		40.3	200	ug/Kg
87-86-5	Pentachlorophenol	4300	E	60.8	390	ug/Kg
85-01-8	Phenanthrene	1800		24.8	200	ug/Kg
120-12-7	Anthracene	1800		39.4	200	ug/Kg
86-74-8	Carbazole	1900		37.0	200	ug/Kg
84-74-2	Di-n-butylphthalate	1900		56.7	200	ug/Kg
206-44-0	Fluoranthene	1800		35.5	200	ug/Kg
129-00-0	Pyrene	1900		42.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	2000		84.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		43.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	1900		27.2	200	ug/Kg
218-01-9	Chrysene	1800		23.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		70.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		22.5	200	ug/Kg

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BP024639.D	1	05/13/25 09:05	05/15/25 15:59	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1800		26.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	1900		34.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		34.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		32.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		30.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		30.3	200	ug/Kg
123-91-1	1,4-Dioxane	1500		53.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		32.5	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	90.4		18 - 112	60%	SPK: 150
13127-88-3	Phenol-d6	88.1		15 - 107	59%	SPK: 150
4165-60-0	Nitrobenzene-d5	52.4		18 - 107	52%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.9		20 - 109	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	86.5		10 - 116	58%	SPK: 150
1718-51-0	Terphenyl-d14	49.8		10 - 105	50%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	160000	7.657			
1146-65-2	Naphthalene-d8	629000	10.428			
15067-26-2	Acenaphthene-d10	376000	14.298			
1517-22-2	Phenanthrene-d10	727000	17.104			
1719-03-5	Chrysene-d12	786000	21.527			
1520-96-3	Perylene-d12	909000	24.798			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024639.D
Acq On : 15 May 2025 15:59
Operator : RC/JU
Sample : Q2010-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Quant Time: May 15 16:30:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	159501	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	628820	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	375530	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	726778	20.000	ng	0.00
76) Chrysene-d12	21.527	240	785534	20.000	ng	0.00
86) Perylene-d12	24.798	264	909133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	842673	90.362	ng	0.00
7) Phenol-d6	6.852	99	1048617	88.105	ng	0.00
23) Nitrobenzene-d5	8.810	82	651986	52.388	ng	0.00
42) 2,4,6-Tribromophenol	15.828	330	550955	86.542	ng	0.02
45) 2-Fluorobiphenyl	12.904	172	1458091	50.869	ng	0.00
79) Terphenyl-d14	19.821	244	2280930	49.789	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	165000	37.680	ng	99
3) Pyridine	3.616	79	403411	41.547	ng	98
4) n-Nitrosodimethylamine	3.534	42	186147	43.425	ng	97
6) Aniline	6.999	93	560425	36.471	ng	99
8) 2-Chlorophenol	7.240	128	504222	47.629	ng	99
9) Benzaldehyde	6.816	77	308327	40.019	ng	99
10) Phenol	6.881	94	590851	48.098	ng	98
11) bis(2-Chloroethyl)ether	7.093	93	429994	42.599	ng	99
12) 1,3-Dichlorobenzene	7.552	146	535369	43.956	ng	99
13) 1,4-Dichlorobenzene	7.693	146	543293	44.350	ng	99
14) 1,2-Dichlorobenzene	8.004	146	521355	43.677	ng	99
15) Benzyl Alcohol	7.904	79	417550	46.166	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	507595	41.990	ng	98
17) 2-Methylphenol	8.110	107	400289	45.432	ng	99
18) Hexachloroethane	8.722	117	205990	43.881	ng	96
19) n-Nitroso-di-n-propyla...	8.457	70	334353	40.611	ng	99
20) 3+4-Methylphenols	8.434	107	542791	45.290	ng	97
22) Acetophenone	8.475	105	708122	45.082	ng	98
24) Nitrobenzene	8.851	77	500401	45.690	ng	97
25) Isophorone	9.375	82	946143	43.827	ng	100
26) 2-Nitrophenol	9.551	139	268593	50.048	ng	98
27) 2,4-Dimethylphenol	9.622	122	454005	47.982	ng	100
28) bis(2-Chloroethoxy)met...	9.846	93	576552	44.702	ng	99
29) 2,4-Dichlorophenol	10.087	162	451816	49.275	ng	97
30) 1,2,4-Trichlorobenzene	10.293	180	477127	46.177	ng	97
31) Naphthalene	10.475	128	1467759	45.043	ng	100
32) Benzoic acid	9.787	122	322696	48.835	ng	99
33) 4-Chloroaniline	10.598	127	377895	28.739	ng	99
34) Hexachlorobutadiene	10.757	225	305965	45.710	ng	96
35) Caprolactam	11.381	113	152861m	46.078	ng	
36) 4-Chloro-3-methylphenol	11.734	107	518151	46.339	ng	100
37) 2-Methylnaphthalene	12.092	142	937935	44.452	ng	99
38) 1-Methylnaphthalene	12.316	142	959403	42.496	ng	99
40) 1,2,4,5-Tetrachloroben...	12.469	216	526111	48.245	ng	99
41) Hexachlorocyclopentadiene	12.445	237	753385	113.935	ng	98
43) 2,4,6-Trichlorophenol	12.710	196	366355	51.868	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024639.D
Acq On : 15 May 2025 15:59
Operator : RC/JU
Sample : Q2010-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Quant Time: May 15 16:30:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

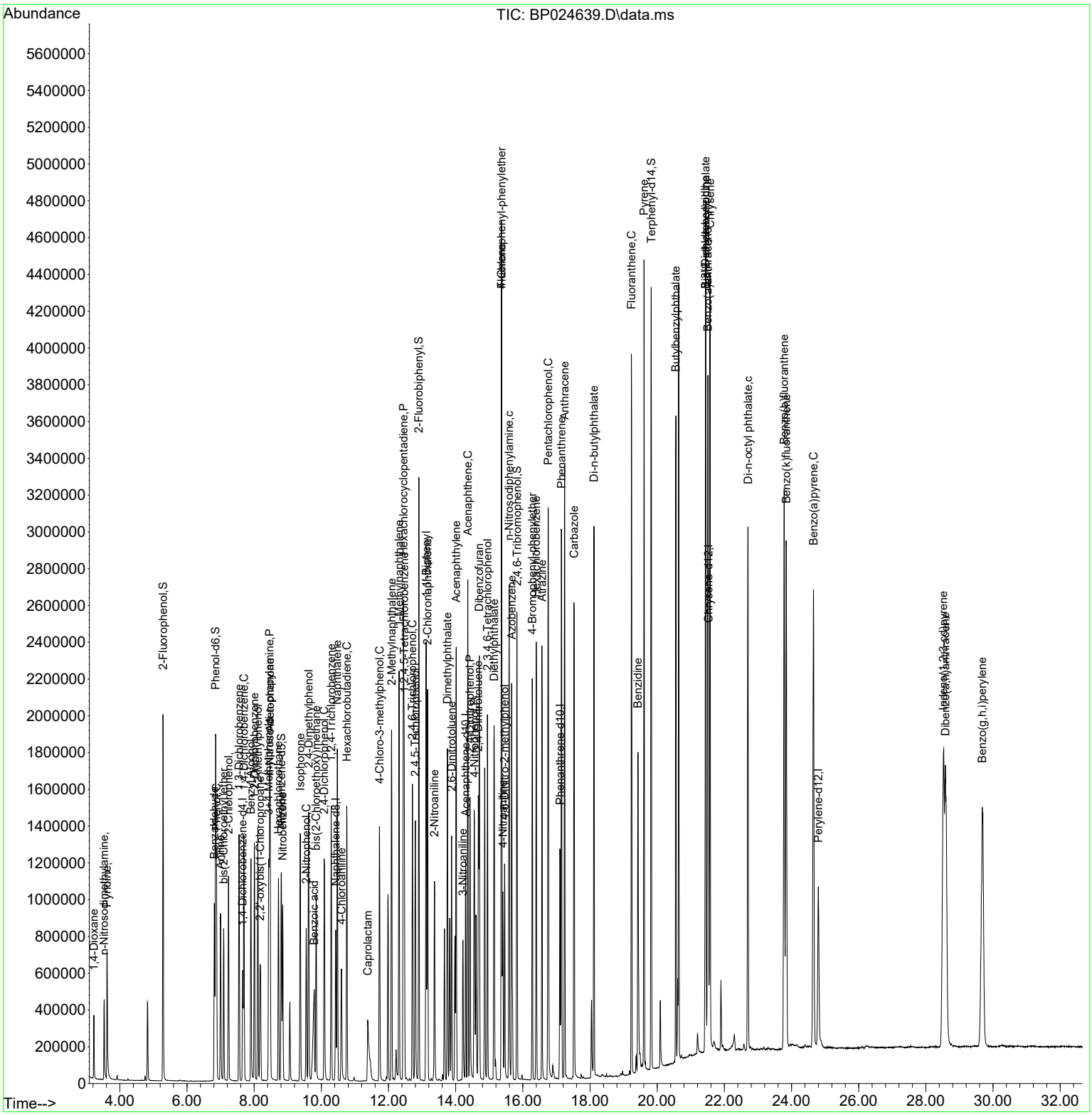
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.798	196	400383	50.924	ng		98
46)	1,1'-Biphenyl	13.122	154	1303750	46.972	ng		100
47)	2-Chloronaphthalene	13.163	162	996633	47.093	ng		100
48)	2-Nitroaniline	13.369	65	310532	49.562	ng		99
49)	Acenaphthylene	14.016	152	1622651	45.817	ng		100
50)	Dimethylphthalate	13.757	163	1292316	45.149	ng		100
51)	2,6-Dinitrotoluene	13.881	165	279686	46.267	ng		98
52)	Acenaphthene	14.363	154	927052	45.533	ng		99
53)	3-Nitroaniline	14.216	138	207346	33.592	ng		97
54)	2,4-Dinitrophenol	14.428	184	370998	95.940	ng		98
55)	Dibenzofuran	14.704	168	1468896	45.231	ng		98
56)	4-Nitrophenol	14.557	139	516252	95.730	ng		98
57)	2,4-Dinitrotoluene	14.675	165	401464	47.107	ng		99
58)	Fluorene	15.363	166	1214988	45.883	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.945	232	353018	48.402	ng		99
60)	Diethylphthalate	15.145	149	1325337	45.812	ng		100
61)	4-Chlorophenyl-phenyle...	15.363	204	601374	45.538	ng		99
62)	4-Nitroaniline	15.404	138	294125	49.350	ng		99
63)	Azobenzene	15.669	77	1233658	49.848	ng		97
65)	4,6-Dinitro-2-methylph...	15.457	198	237337	50.556	ng		98
66)	n-Nitrosodiphenylamine	15.592	169	1052029	47.126	ng		99
67)	4-Bromophenyl-phenylether	16.280	248	408770	47.731	ng		98
68)	Hexachlorobenzene	16.398	284	508136	46.695	ng		99
69)	Atrazine	16.569	200	389218	47.576	ng		98
70)	Pentachlorophenol	16.757	266	671128	109.866	ng		99
71)	Phenanthrene	17.151	178	1855042	45.914	ng		100
72)	Anthracene	17.245	178	1890233	46.501	ng		100
73)	Carbazole	17.522	167	1770616	48.125	ng		100
74)	Di-n-butylphthalate	18.116	149	2304897	48.711	ng		99
75)	Fluoranthene	19.233	202	2177024	46.096	ng		100
77)	Benzidine	19.427	184	1216882	56.878	ng		99
78)	Pyrene	19.610	202	2253283	47.874	ng		100
80)	Butylbenzylphthalate	20.557	149	1060952	50.684	ng		96
81)	Benzo(a)anthracene	21.510	228	2338691	47.414	ng		99
82)	3,3'-Dichlorobenzidine	21.439	252	622869	33.999	ng		100
83)	Chrysene	21.574	228	2179347	46.609	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.445	149	1512698	49.165	ng		100
85)	Di-n-octyl phthalate	22.704	149	2553144	50.745	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.521	276	3226858	48.618	ng	#	85
88)	Benzo(b)fluoranthene	23.780	252	2476684	47.594	ng		100
89)	Benzo(k)fluoranthene	23.845	252	2478499	46.222	ng		99
90)	Benzo(a)pyrene	24.657	252	2397923	47.980	ng		99
91)	Dibenzo(a,h)anthracene	28.586	278	2621583	48.552	ng		100
92)	Benzo(g,h,i)perylene	29.680	276	2625102	48.888	ng		100

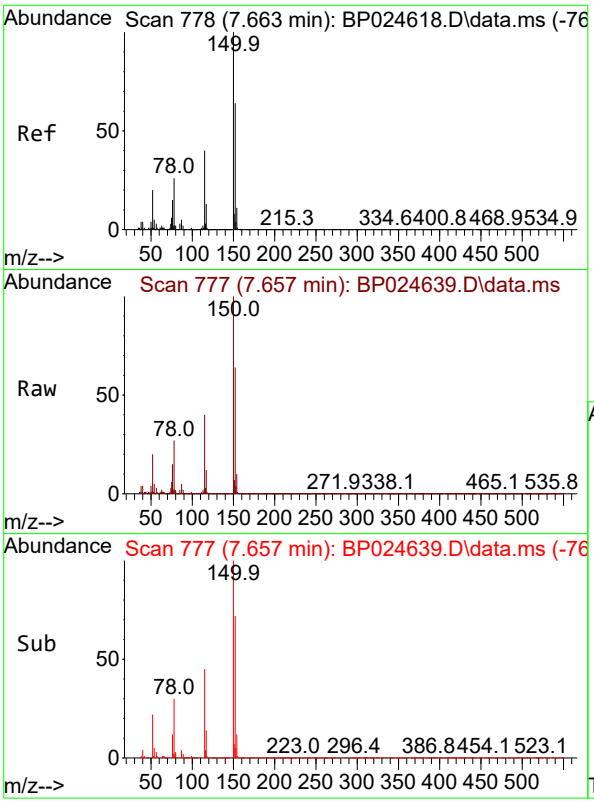
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024639.D
Acq On : 15 May 2025 15:59
Operator : RC/JU
Sample : Q2010-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Quant Time: May 15 16:30:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



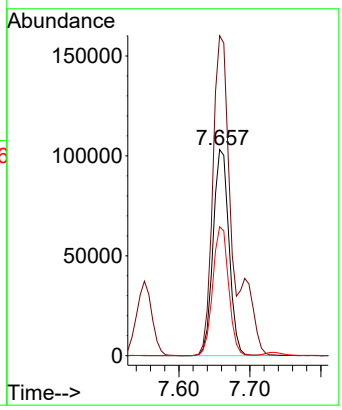


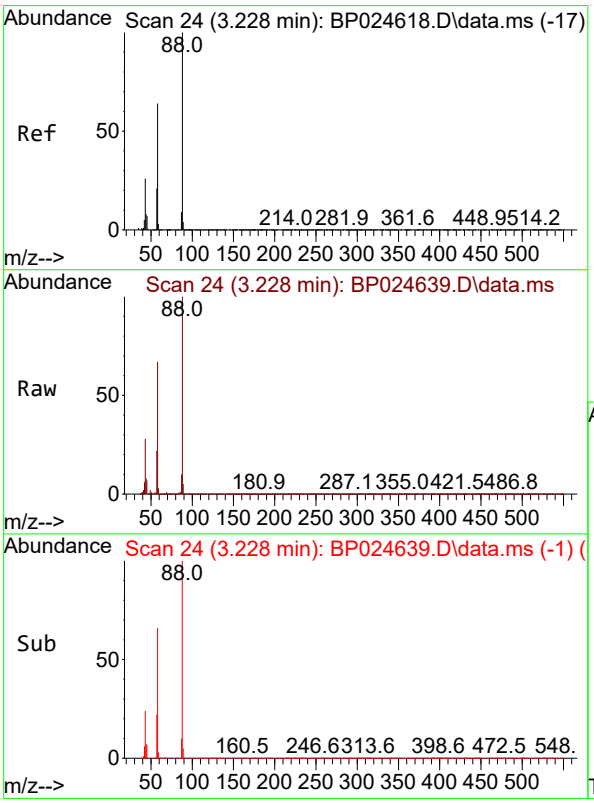
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:152 Resp: 159501

Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.9	188.9
115	62.6	50.1	75.1

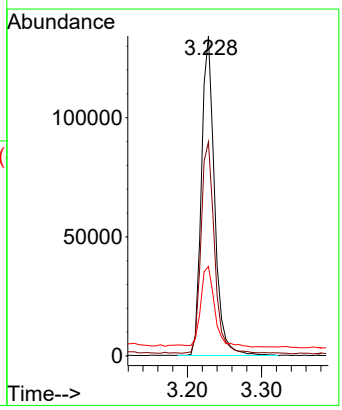


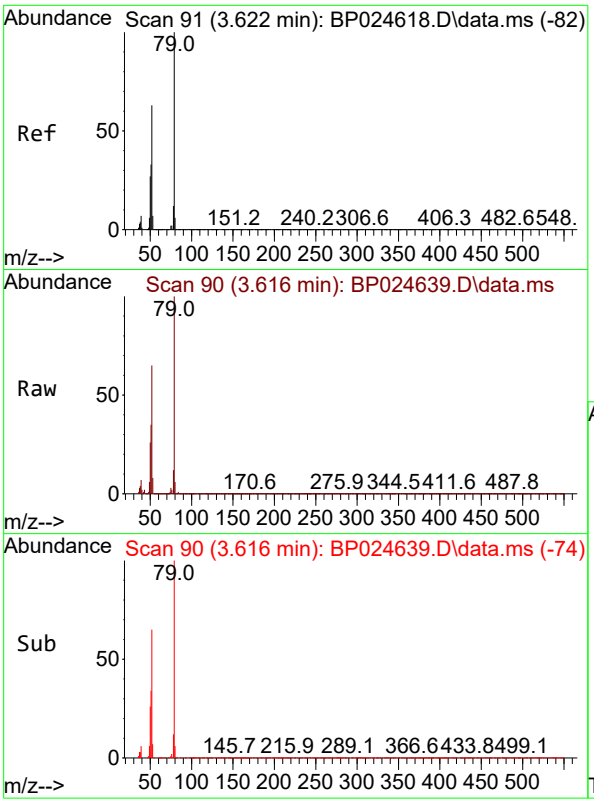


#2
1,4-Dioxane
Concen: 37.680 ng
RT: 3.228 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion: 88 Resp: 165000

Ion	Ratio	Lower	Upper
88	100		
58	68.7	54.0	81.0
43	27.0	21.4	32.0



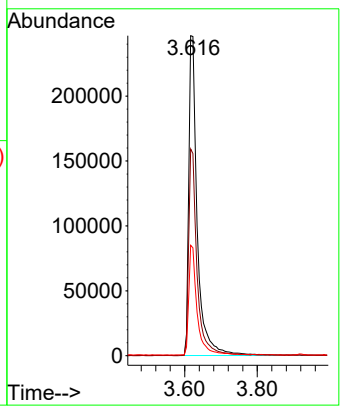


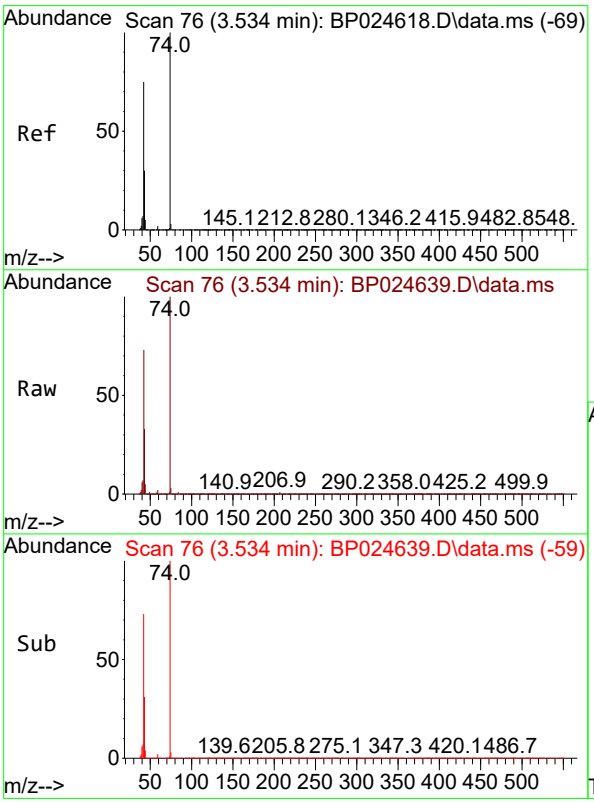
#3
Pyridine
Concen: 41.547 ng
RT: 3.616 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion: 79 Resp: 403411

Ion	Ratio	Lower	Upper
79	100		
52	64.6	50.2	75.2
51	34.5	26.8	40.2

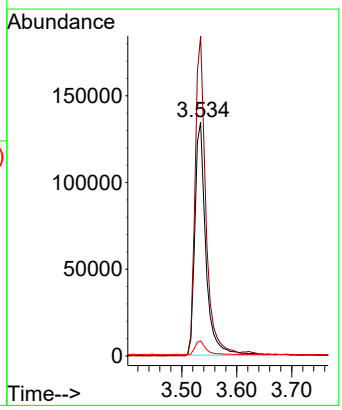


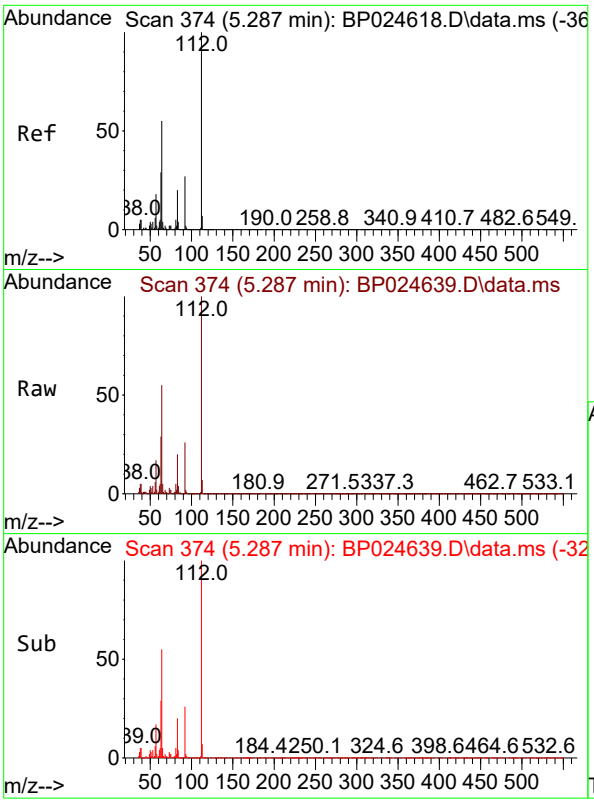


#4
n-Nitrosodimethylamine
Concen: 43.425 ng
RT: 3.534 min Scan# 76
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion: 42 Resp: 186147

Ion	Ratio	Lower	Upper
42	100		
74	136.8	106.2	159.2
44	6.4	5.4	8.2



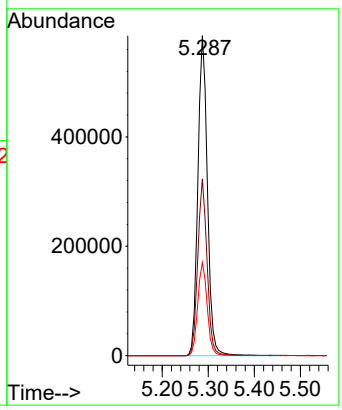


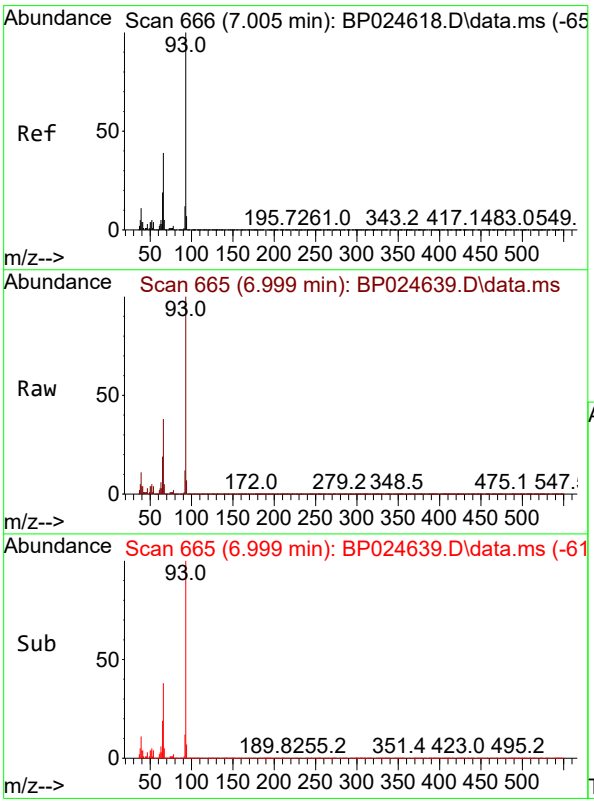
#5
2-Fluorophenol
Concen: 90.362 ng
RT: 5.287 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:112 Resp: 842673

Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.1	66.1
63	29.1	23.5	35.3

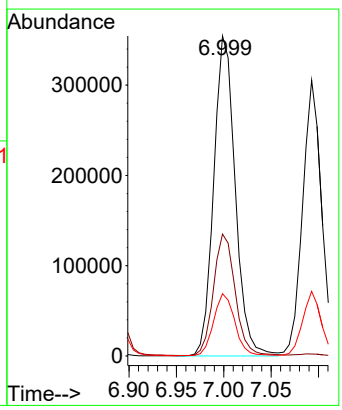


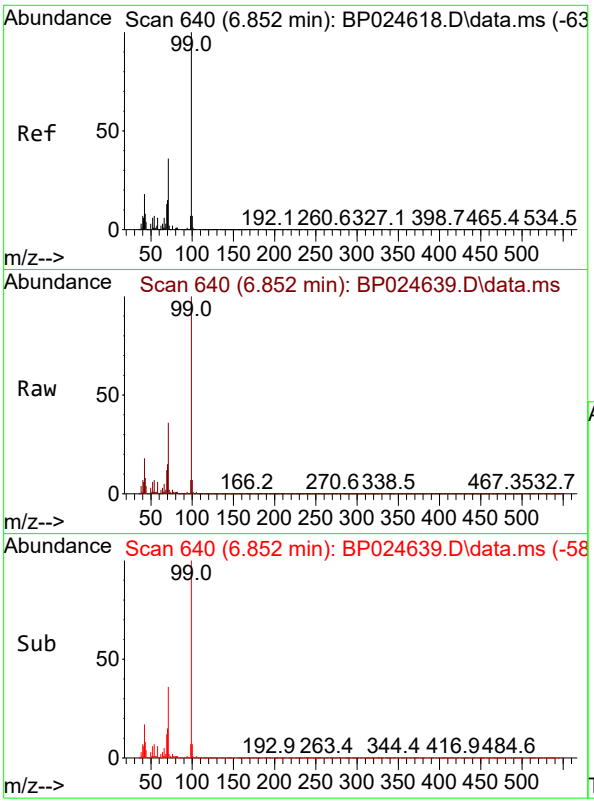


#6
Aniline
Concen: 36.471 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion: 93 Resp: 560425

Ion	Ratio	Lower	Upper
93	100		
66	38.1	31.0	46.6
65	19.5	15.5	23.3



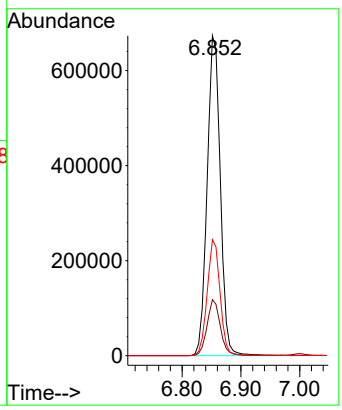


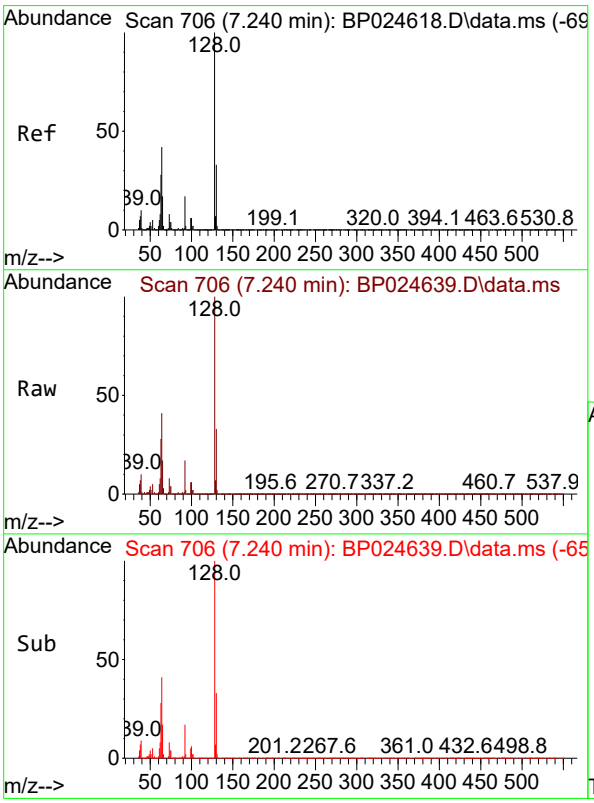
#7
Phenol-d6
Concen: 88.105 ng
RT: 6.852 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion: 99 Resp: 1048617

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.4	21.6
71	36.3	29.2	43.8

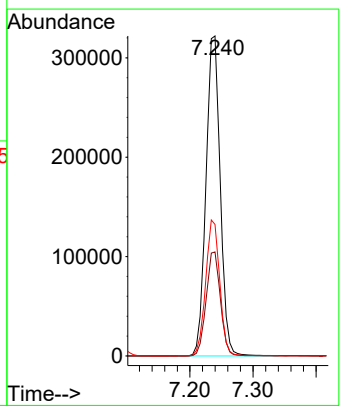


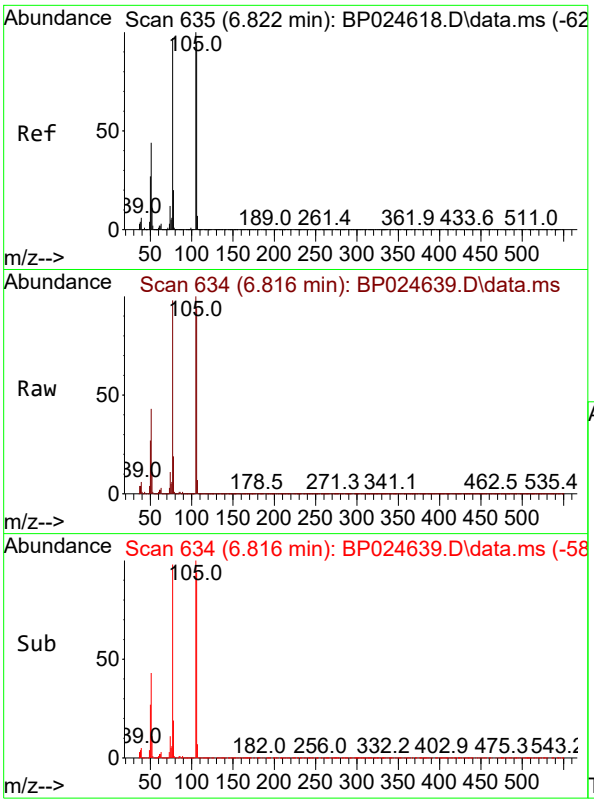


#8
2-Chlorophenol
Concen: 47.629 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:128 Resp: 504222

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	41.1	22.3	62.3



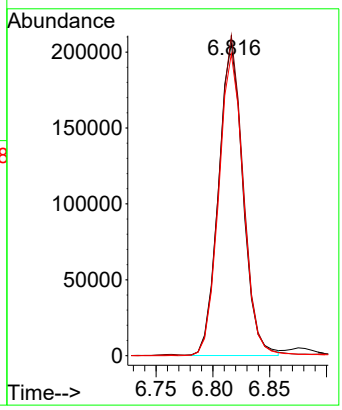


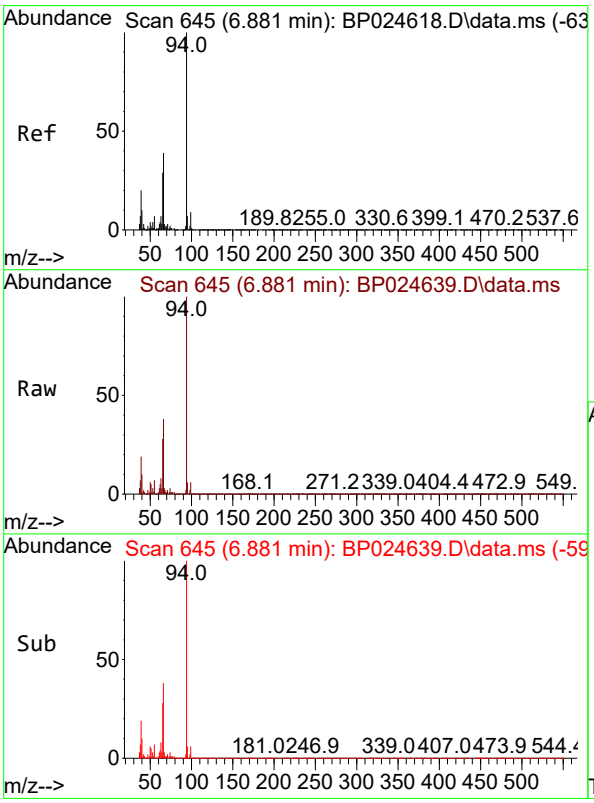
#9
Benzaldehyde
Concen: 40.019 ng
RT: 6.816 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion: 77 Resp: 308327

Ion	Ratio	Lower	Upper
77	100		
105	102.4	83.3	123.3
106	96.6	78.0	118.0

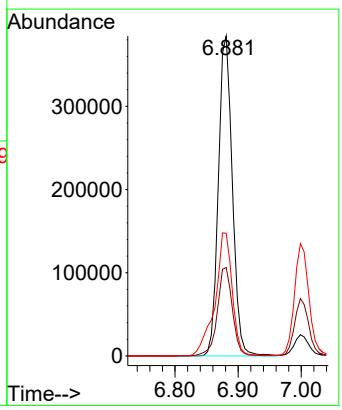


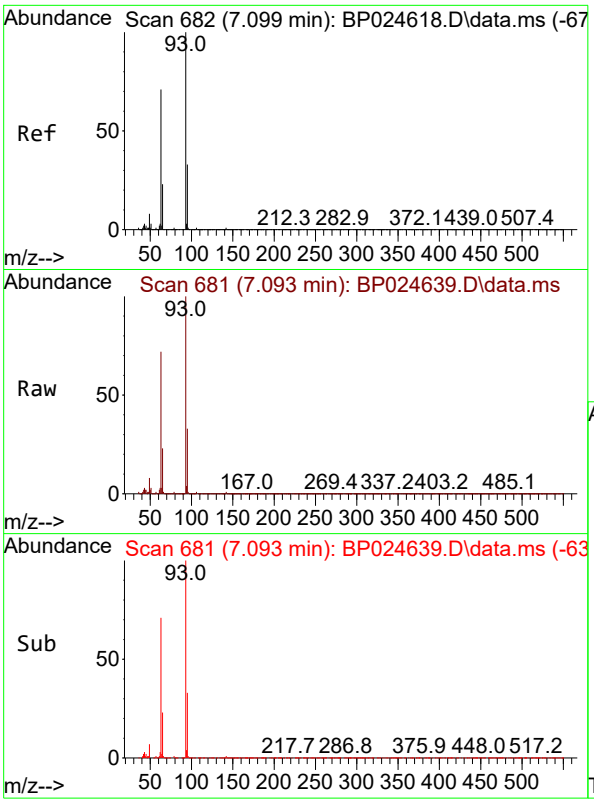


#10
Phenol
Concen: 48.098 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion: 94 Resp: 590851

Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.7	48.7
66	38.3	19.4	59.4



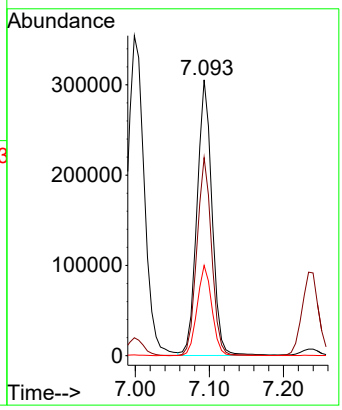


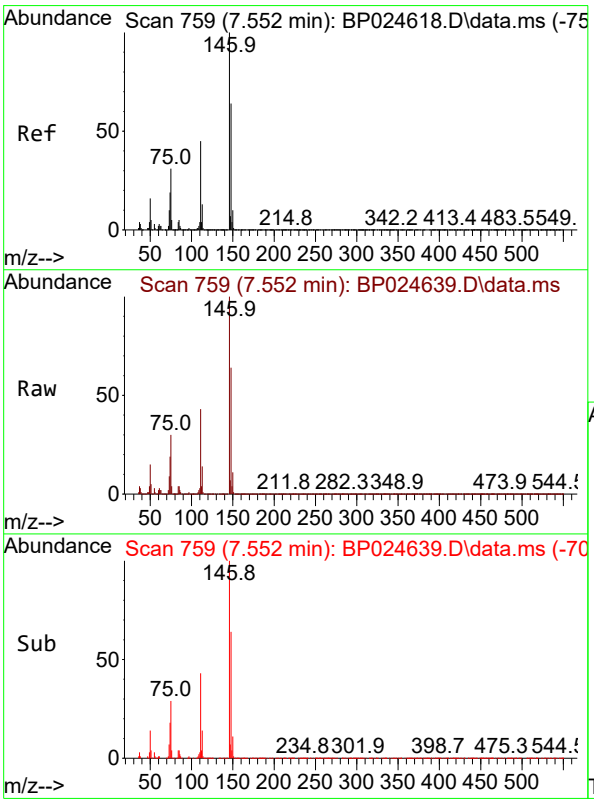
#11
bis(2-Chloroethyl)ether
Concen: 42.599 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion: 93 Resp: 429994

Ion	Ratio	Lower	Upper
93	100		
63	71.8	50.6	90.6
95	32.7	12.9	52.9

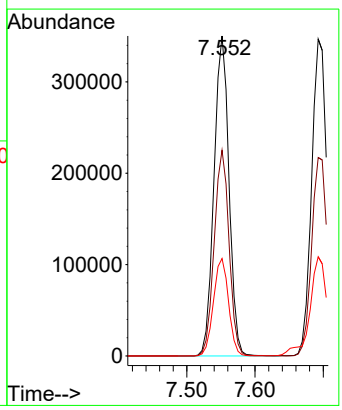


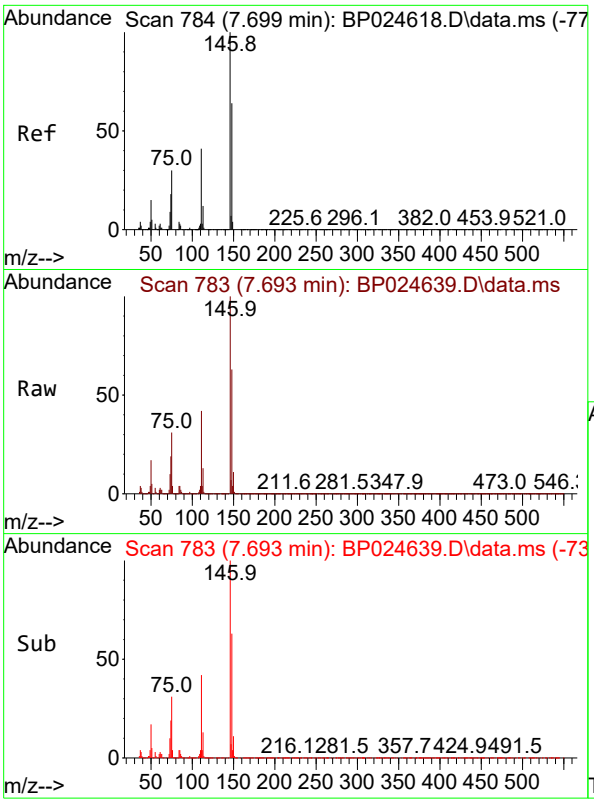


#12
1,3-Dichlorobenzene
Concen: 43.956 ng
RT: 7.552 min Scan# 759
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:146 Resp: 535369

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
75	30.4	25.2	37.8



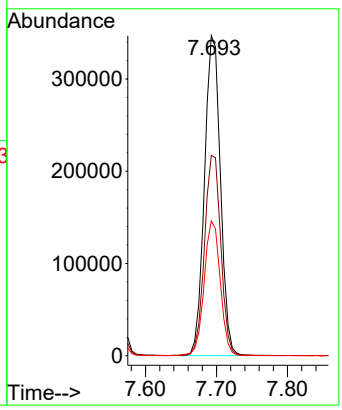


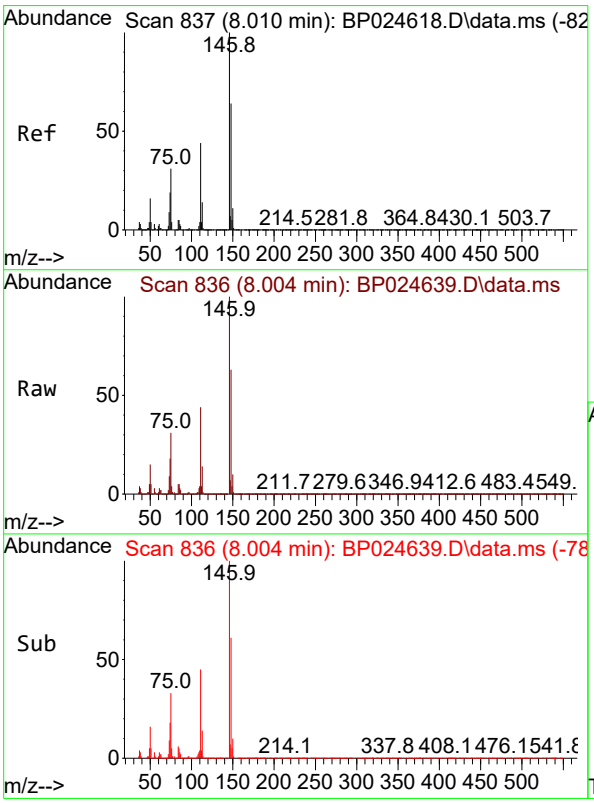
#13
1,4-Dichlorobenzene
Concen: 44.350 ng
RT: 7.693 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:146 Resp: 543293

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.0	76.6
111	42.1	33.0	49.6

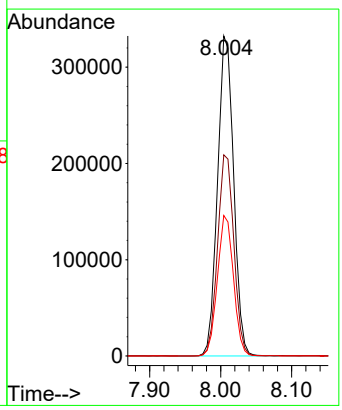


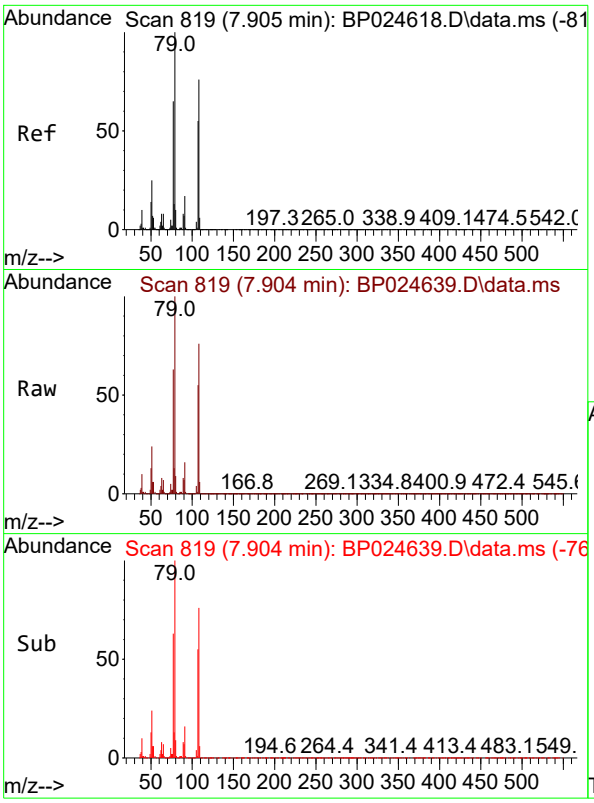


#14
1,2-Dichlorobenzene
Concen: 43.677 ng
RT: 8.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:146 Resp: 521355

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.4
111	43.9	35.2	52.8



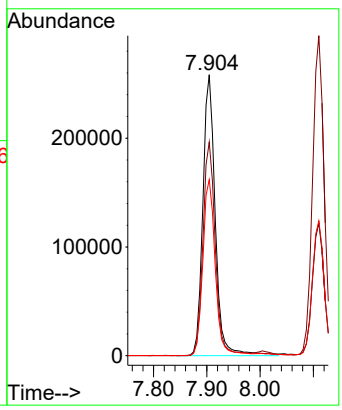


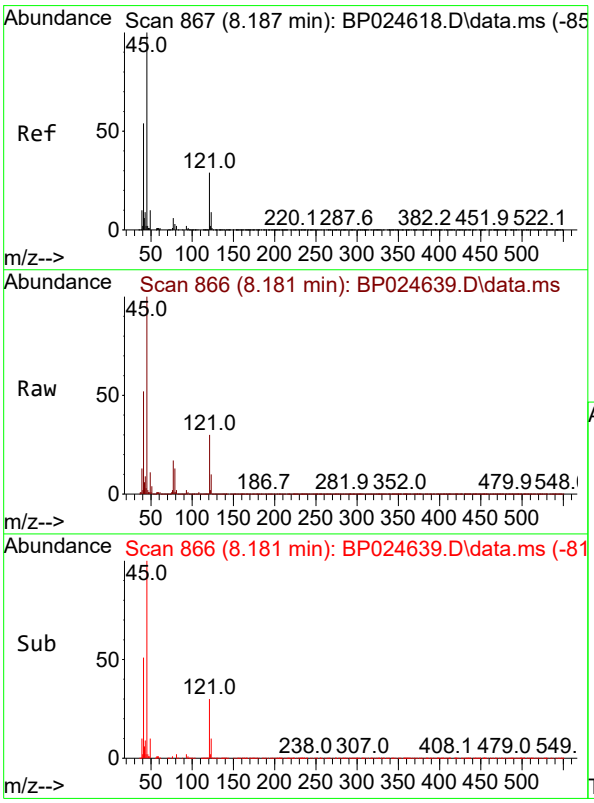
#15
Benzyl Alcohol
Concen: 46.166 ng
RT: 7.904 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion: 79 Resp: 417550

Ion	Ratio	Lower	Upper
79	100		
108	76.0	60.8	91.2
77	62.6	51.9	77.9

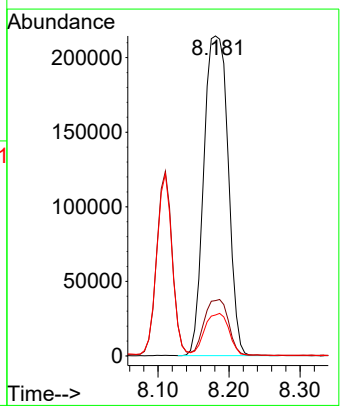


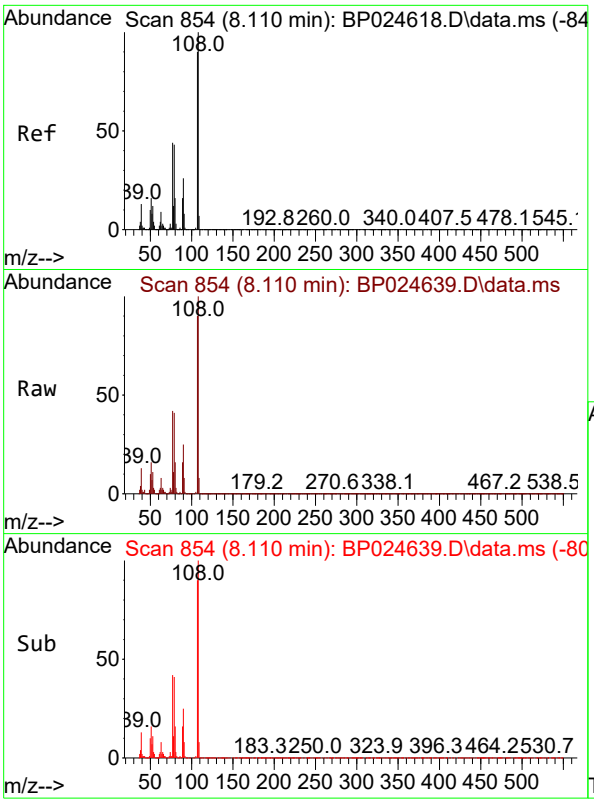


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.990 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion: 45 Resp: 507595

Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	37.7
79	12.8	0.0	34.0



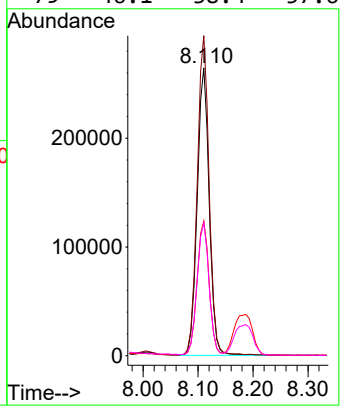


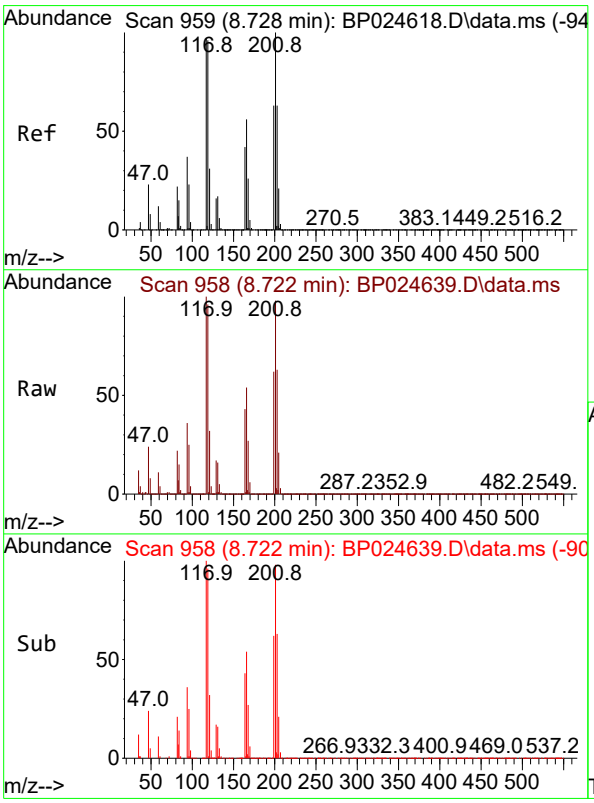
#17
2-Methylphenol
Concen: 45.432 ng
RT: 8.110 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:107 Resp: 400289

Ion	Ratio	Lower	Upper
107	100		
108	111.1	88.9	133.3
77	46.8	39.0	58.6
79	46.1	38.4	57.6

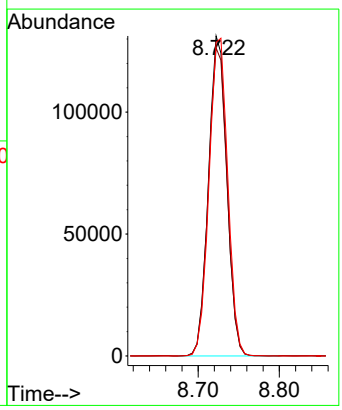


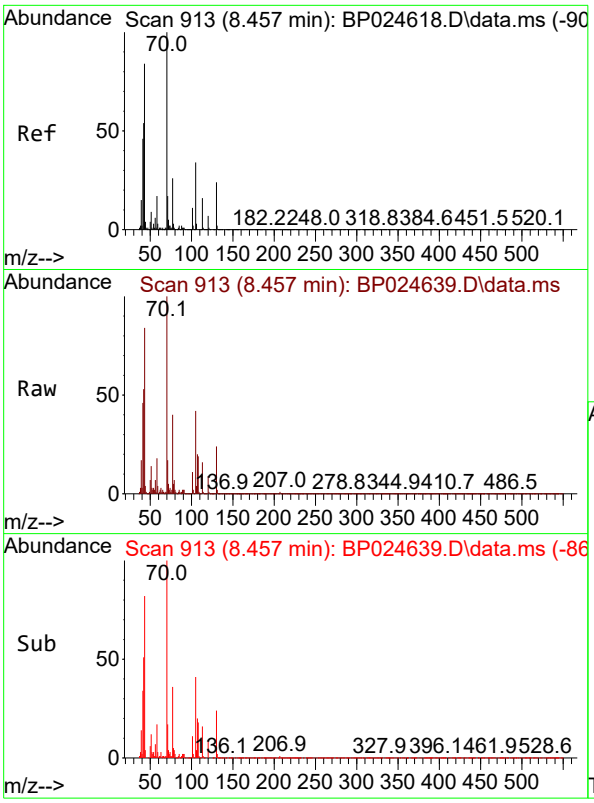


#18
Hexachloroethane
Concen: 43.881 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:117 Resp: 205990

Ion	Ratio	Lower	Upper
117	100		
119	96.3	79.4	119.0
201	98.0	82.7	124.1



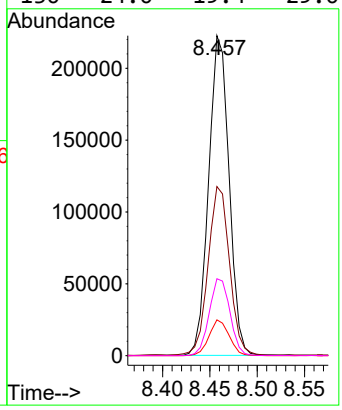


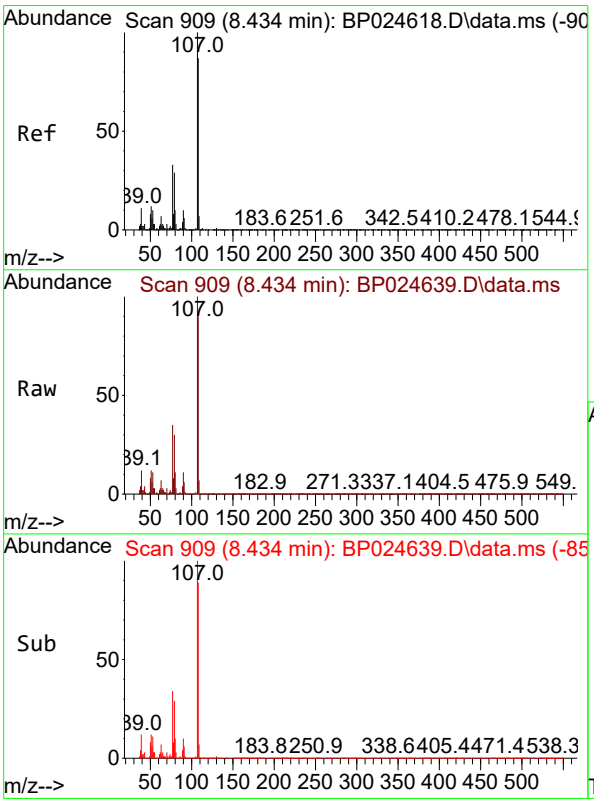
#19
n-Nitroso-di-n-propylamine
Concen: 40.611 ng
RT: 8.457 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion: 70 Resp: 334353

Ion	Ratio	Lower	Upper
70	100		
42	52.8	43.0	64.6
101	11.2	8.7	13.1
130	24.0	19.4	29.0

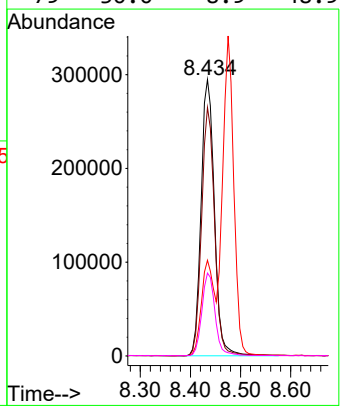


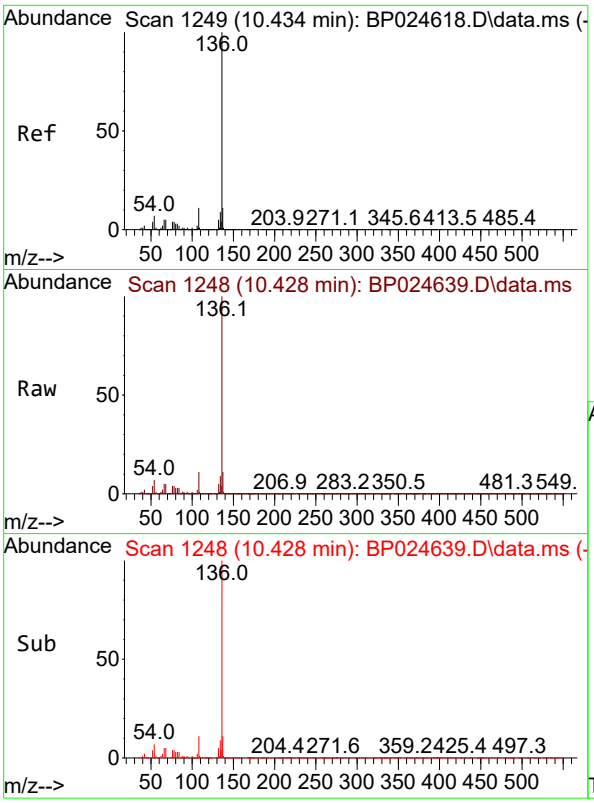


#20
3+4-Methylphenols
Concen: 45.290 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:107 Resp: 542791

Ion	Ratio	Lower	Upper
107	100		
108	89.9	66.7	106.7
77	34.6	13.1	53.1
79	30.0	8.9	48.9



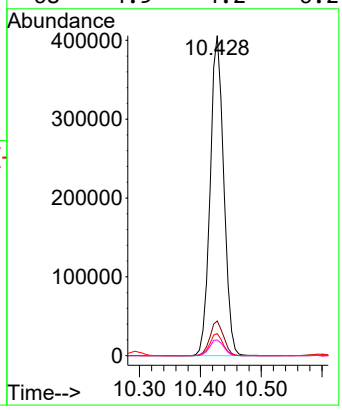


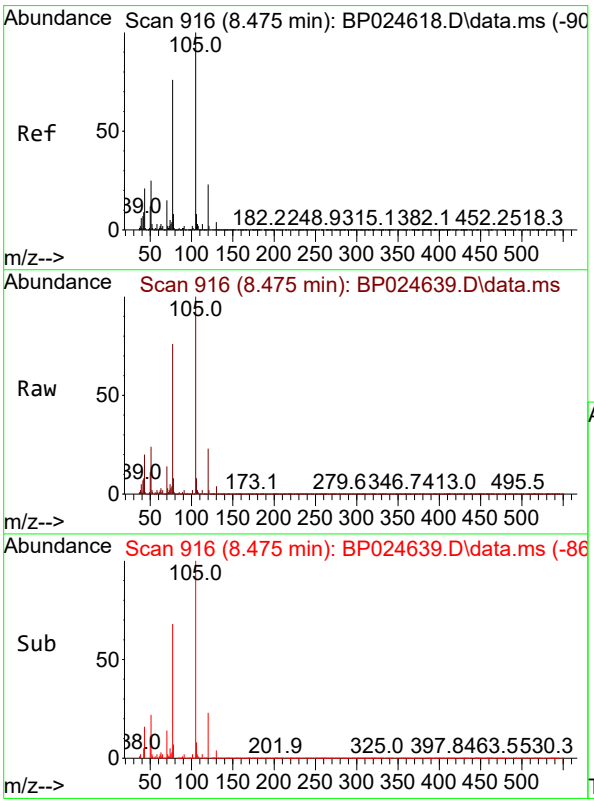
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:136 Resp: 628820

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.9	5.5	8.3
68	4.9	4.2	6.2

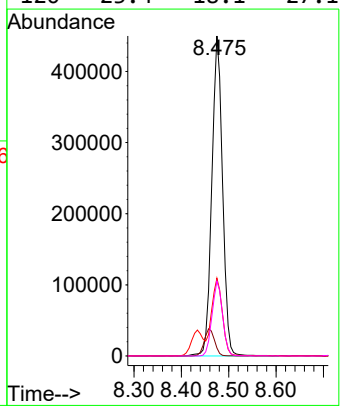


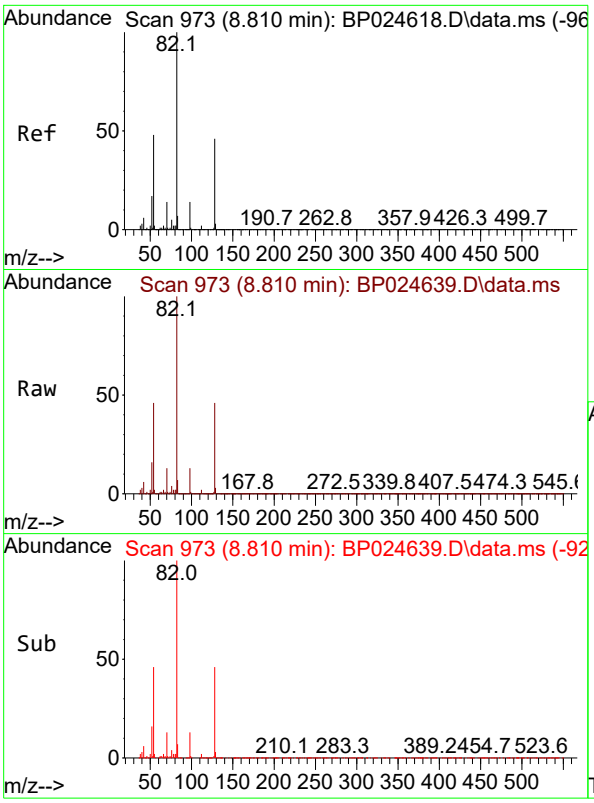


#22
Acetophenone
Concen: 45.082 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:105 Resp: 708122

Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.0	3.0
51	24.3	20.4	30.6
120	23.4	18.1	27.1



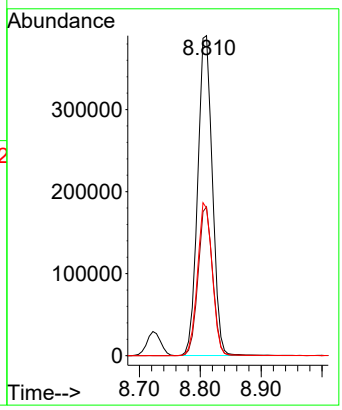


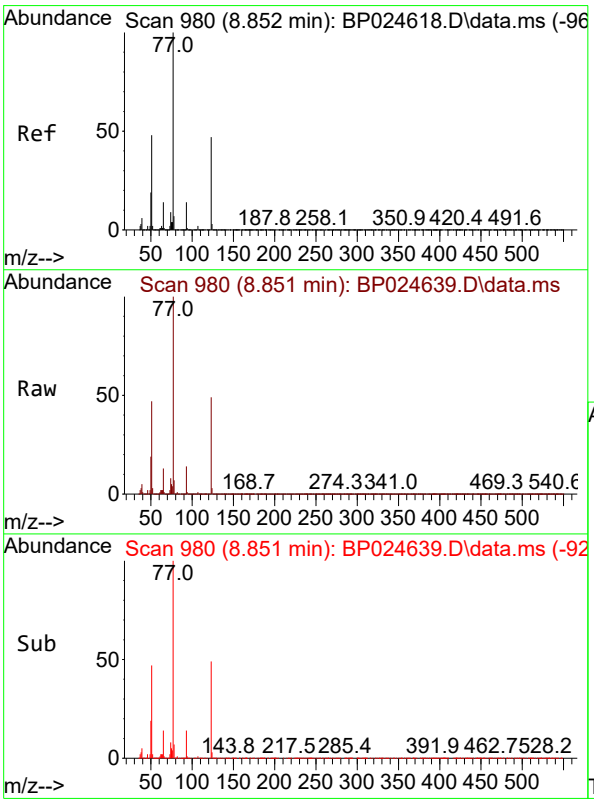
#23
Nitrobenzene-d5
Concen: 52.388 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion: 82 Resp: 651986

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.0	55.4
54	46.1	38.7	58.1

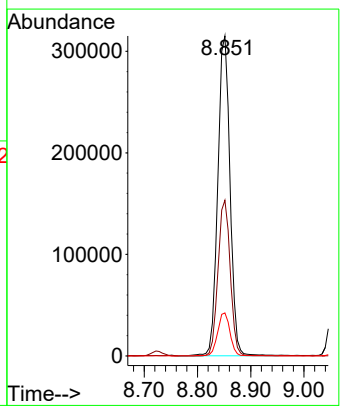


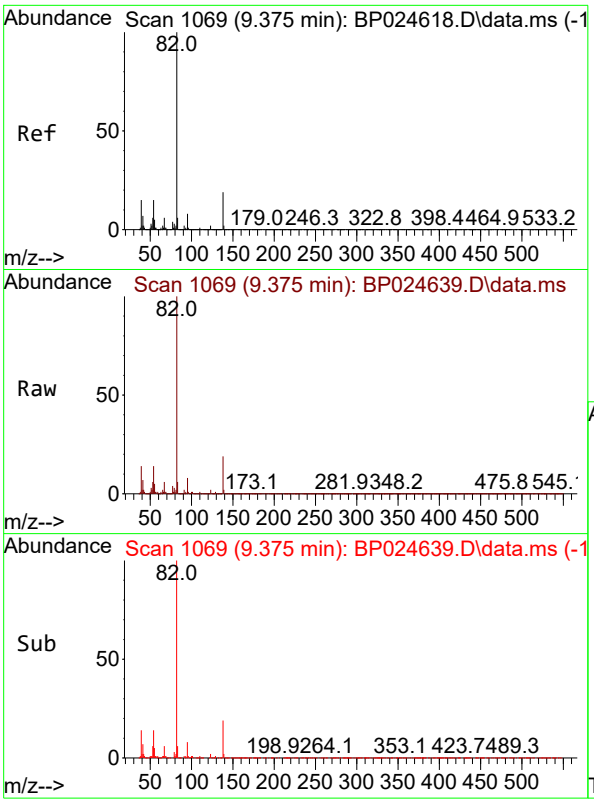


#24
Nitrobenzene
Concen: 45.690 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion: 77 Resp: 500401

Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.4	56.0
65	13.5	11.3	16.9



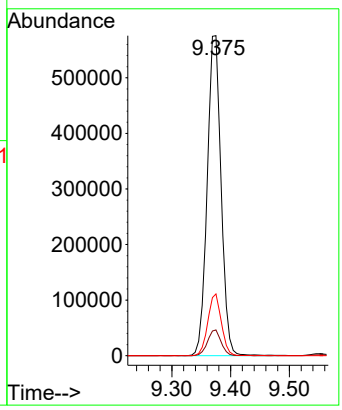


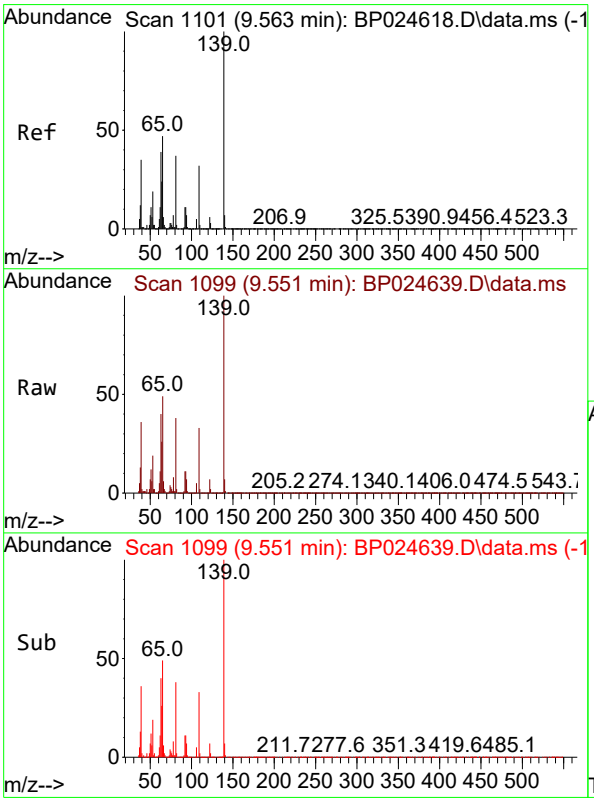
#25
Isophorone
Concen: 43.827 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion: 82 Resp: 946143

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.3	9.5
138	19.3	15.3	22.9

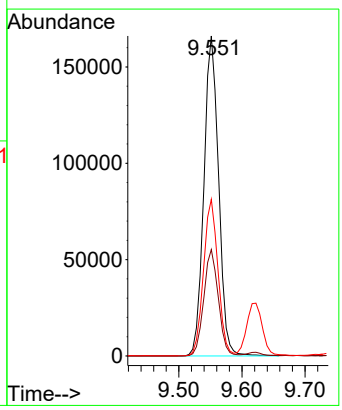


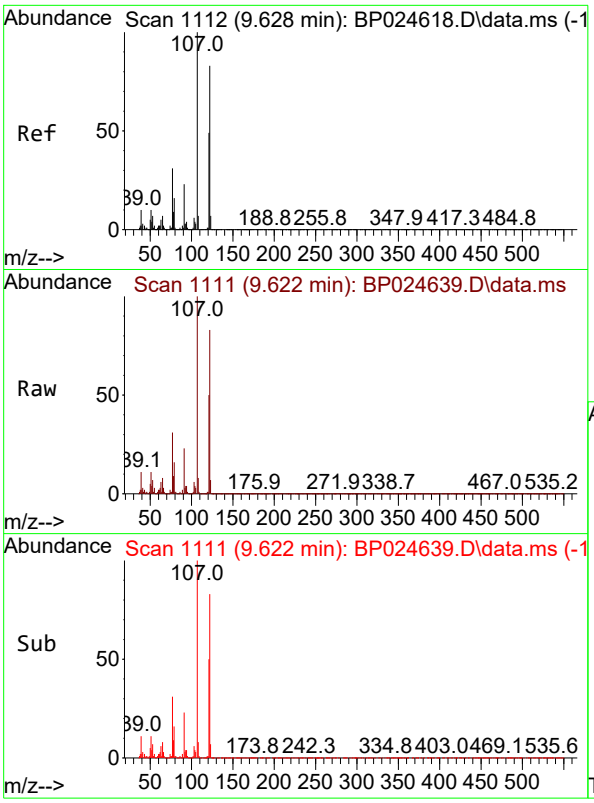


#26
2-Nitrophenol
Concen: 50.048 ng
RT: 9.551 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:139 Resp: 268593

Ion	Ratio	Lower	Upper
139	100		
109	33.2	25.9	38.9
65	48.9	37.9	56.9



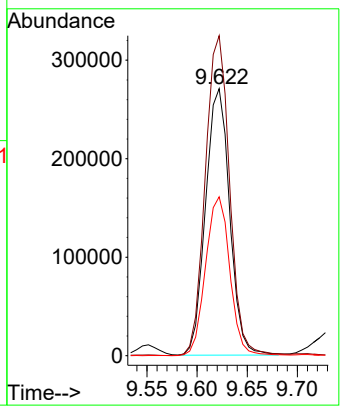


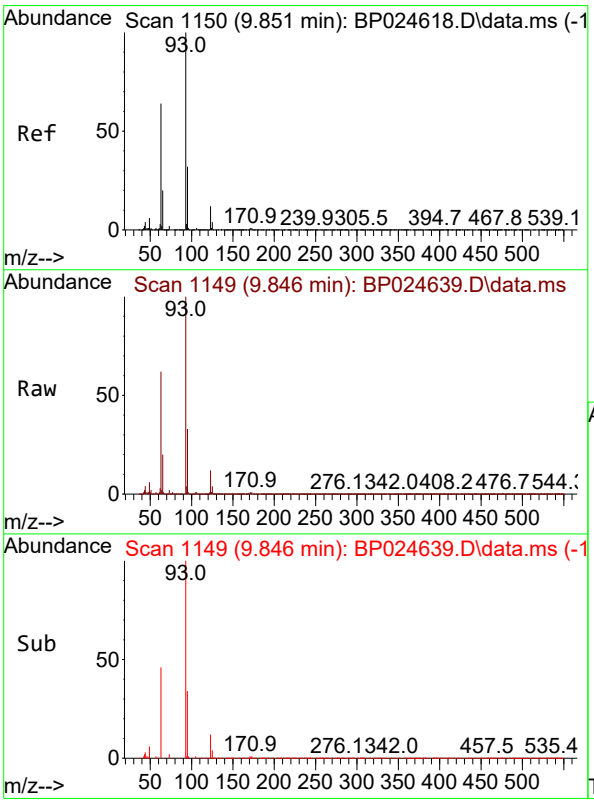
#27
2,4-Dimethylphenol
Concen: 47.982 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:122 Resp: 454005

Ion	Ratio	Lower	Upper
122	100		
107	119.8	96.2	144.2
121	59.5	47.6	71.4

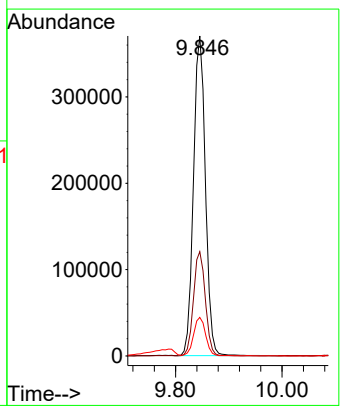


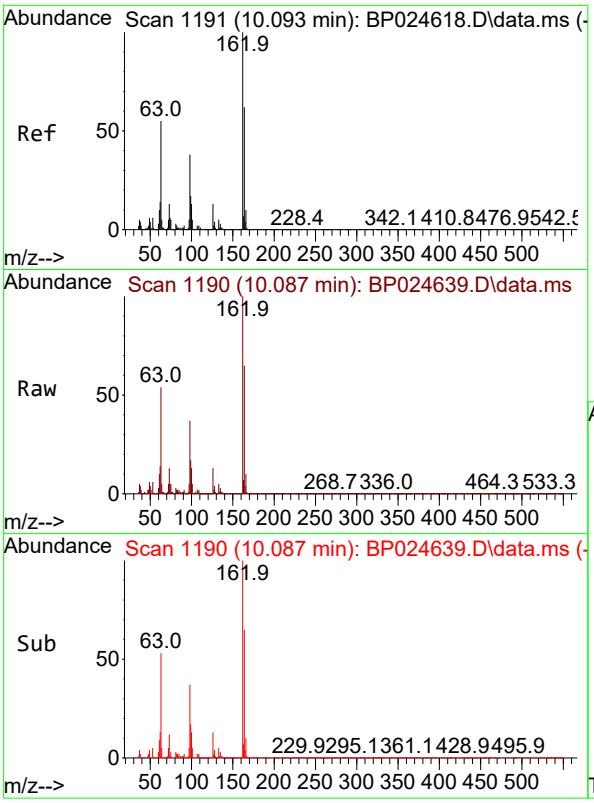


#28
bis(2-Chloroethoxy)methane
Concen: 44.702 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion: 93 Resp: 576552

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.5	38.3
123	12.1	9.7	14.5



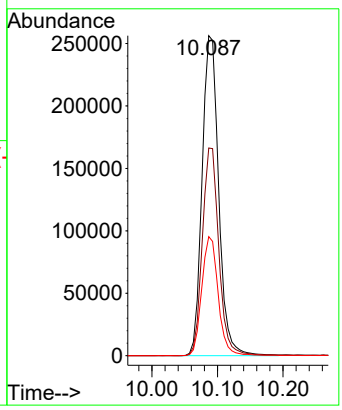


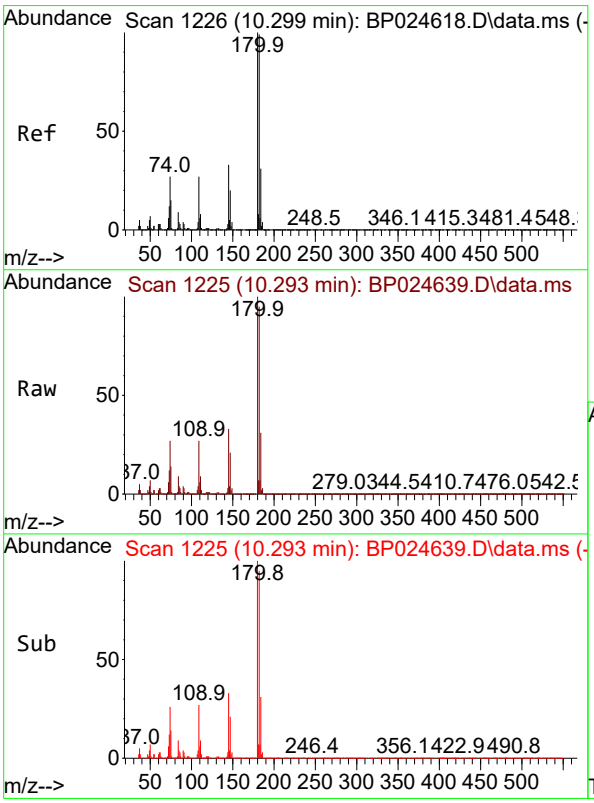
#29
2,4-Dichlorophenol
Concen: 49.275 ng
RT: 10.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:162 Resp: 451816

Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.3	82.3
98	37.2	18.4	58.4

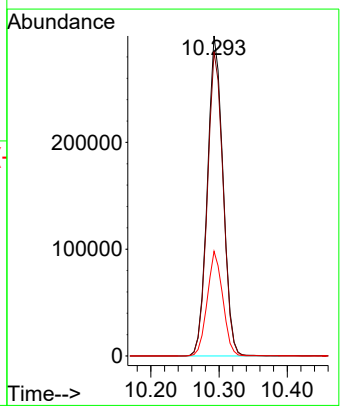


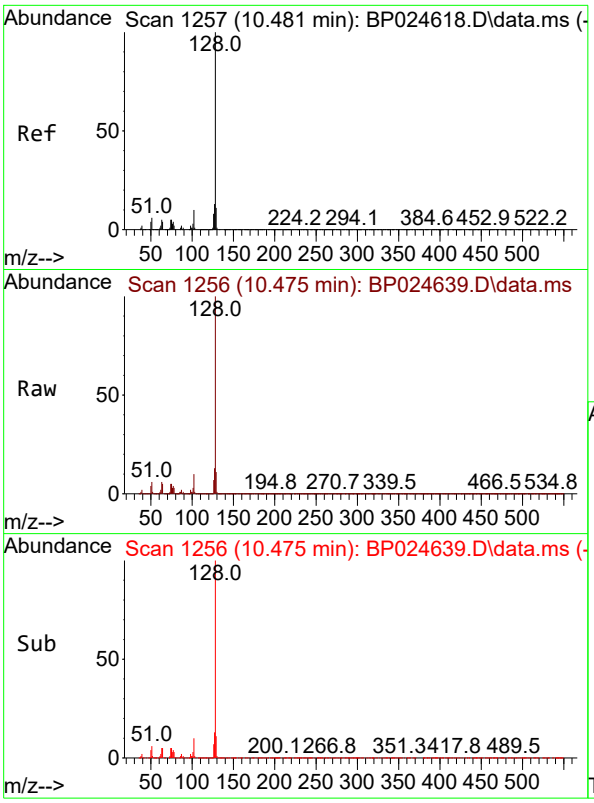


#30
1,2,4-Trichlorobenzene
Concen: 46.177 ng
RT: 10.293 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:180 Resp: 477127

Ion	Ratio	Lower	Upper
180	100		
182	95.1	79.0	118.4
145	32.7	26.6	39.8



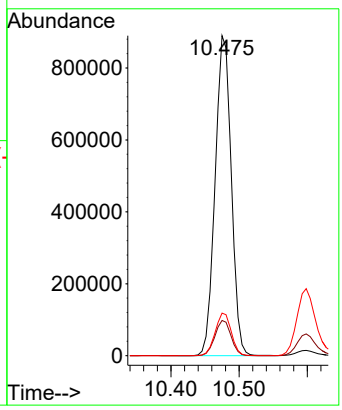


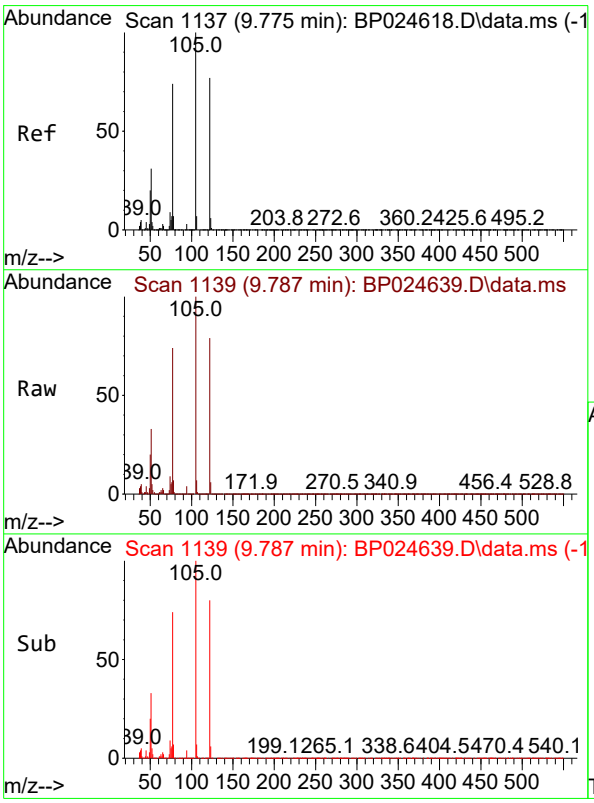
#31
Naphthalene
Concen: 45.043 ng
RT: 10.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:128 Resp: 1467759

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.7	16.1

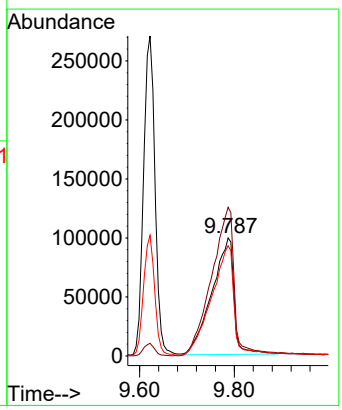


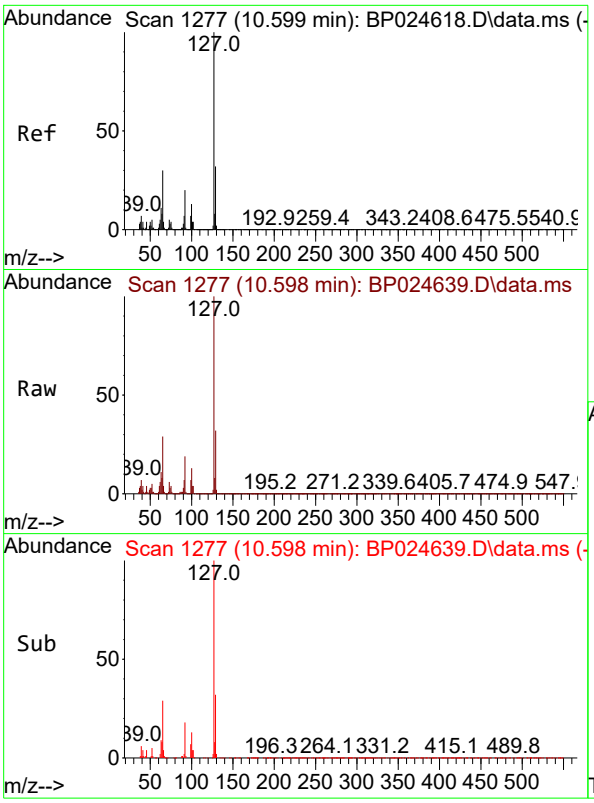


#32
Benzoic acid
Concen: 48.835 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:122 Resp: 322696

Ion	Ratio	Lower	Upper
122	100		
105	125.8	106.9	146.9
77	93.3	75.1	115.1



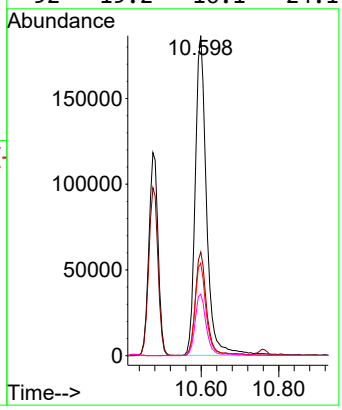


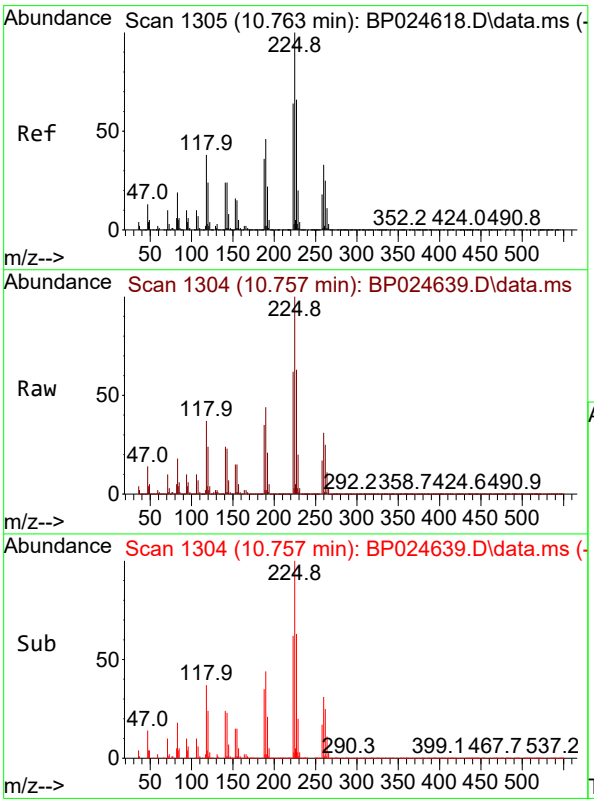
#33
4-Chloroaniline
Concen: 28.739 ng
RT: 10.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:127 Resp: 377895

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	28.9	23.9	35.9
92	19.2	16.1	24.1

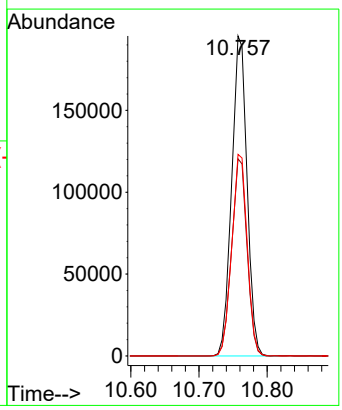


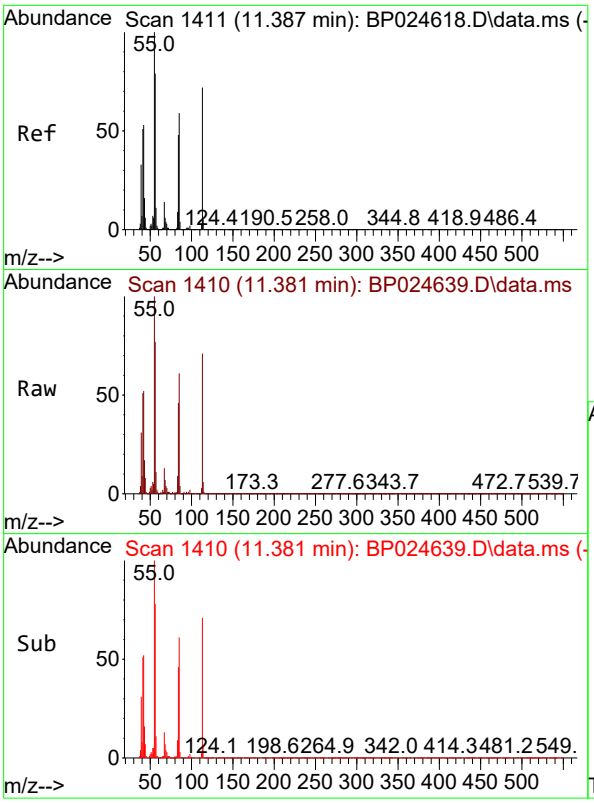


#34
Hexachlorobutadiene
Concen: 45.710 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:225 Resp: 305965

Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.0	76.6
227	63.0	53.1	79.7



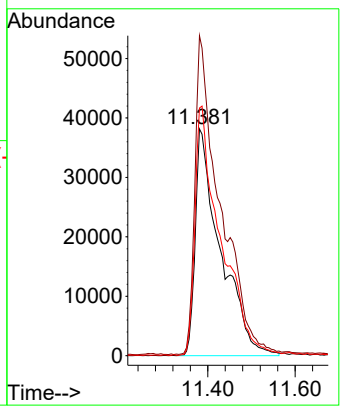


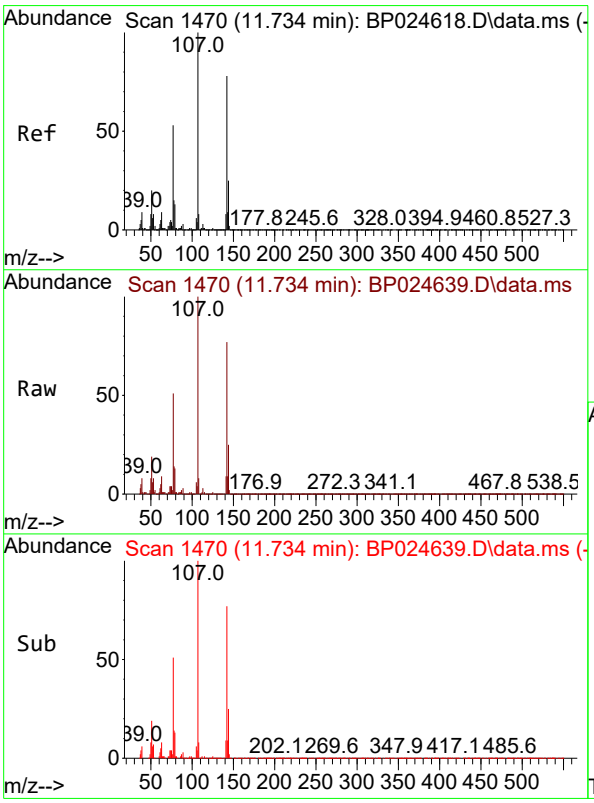
#35
Caprolactam
Concen: 46.078 ng m
RT: 11.381 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:113 Resp: 152861

Ion	Ratio	Lower	Upper
113	100		
55	141.1	119.0	159.0
56	109.3	90.3	130.3

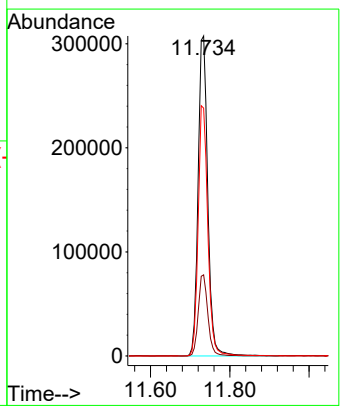


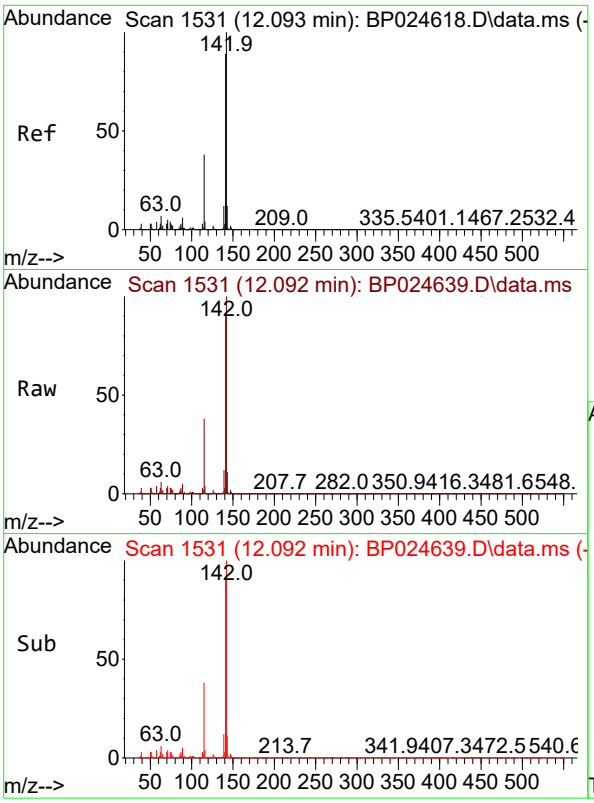


#36
4-Chloro-3-methylphenol
Concen: 46.339 ng
RT: 11.734 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:107 Resp: 518151

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.1	30.1
142	77.4	62.1	93.1



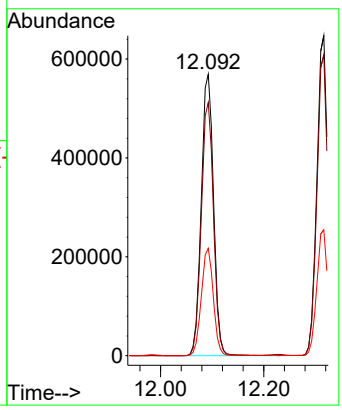


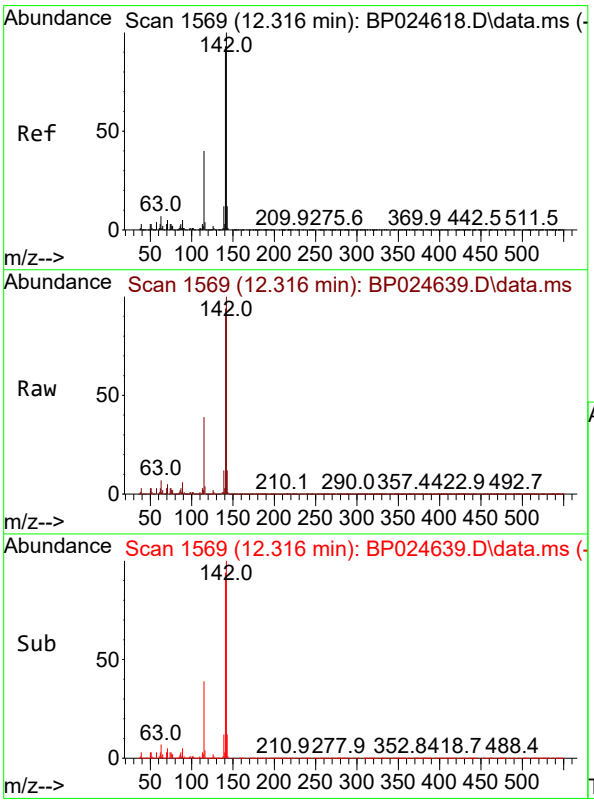
#37
2-Methylnaphthalene
Concen: 44.452 ng
RT: 12.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:142 Resp: 937935

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.2	106.8
115	38.2	30.6	46.0

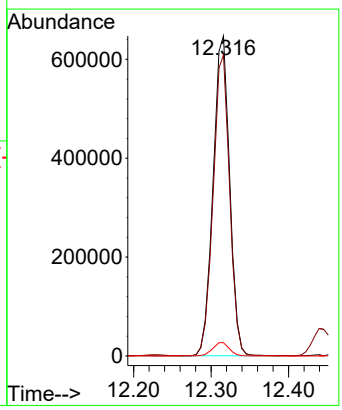


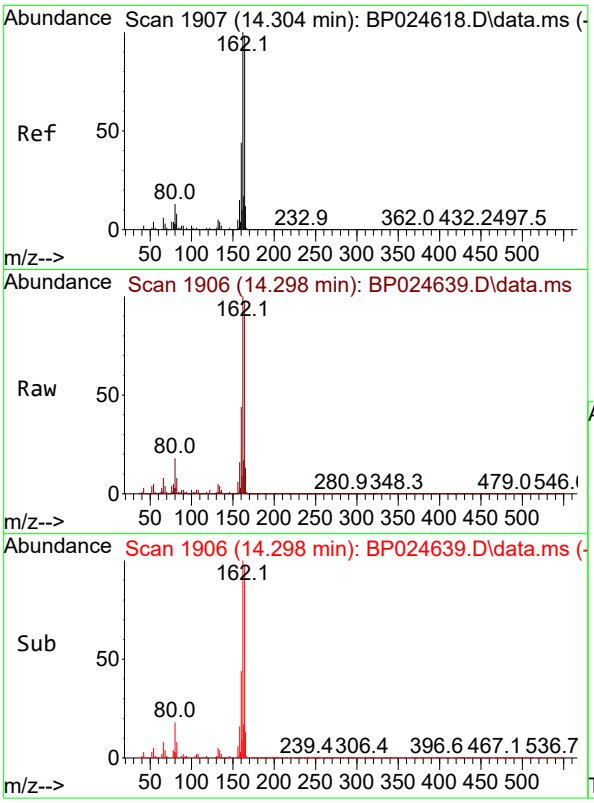


#38
1-Methylnaphthalene
Concen: 42.496 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:142 Resp: 959403

Ion	Ratio	Lower	Upper
142	100		
141	94.1	74.7	112.1
116	4.2	3.4	5.2



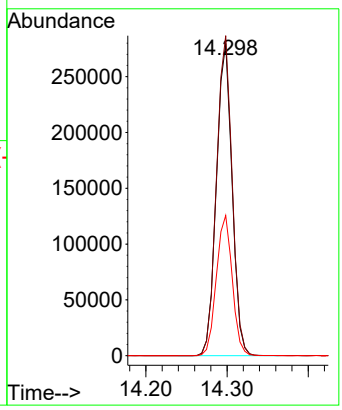


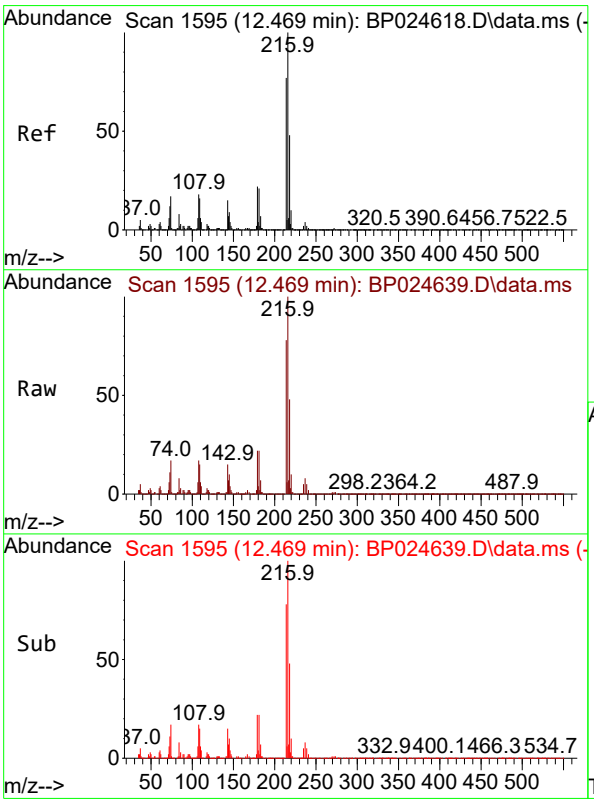
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.298 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:164 Resp: 375530

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.8	122.6
160	44.9	36.3	54.5

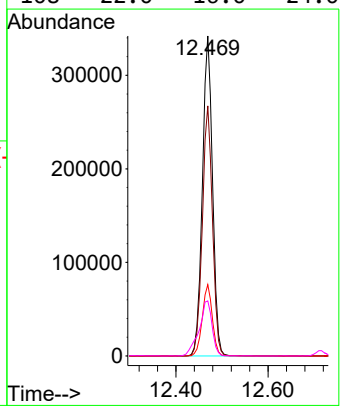


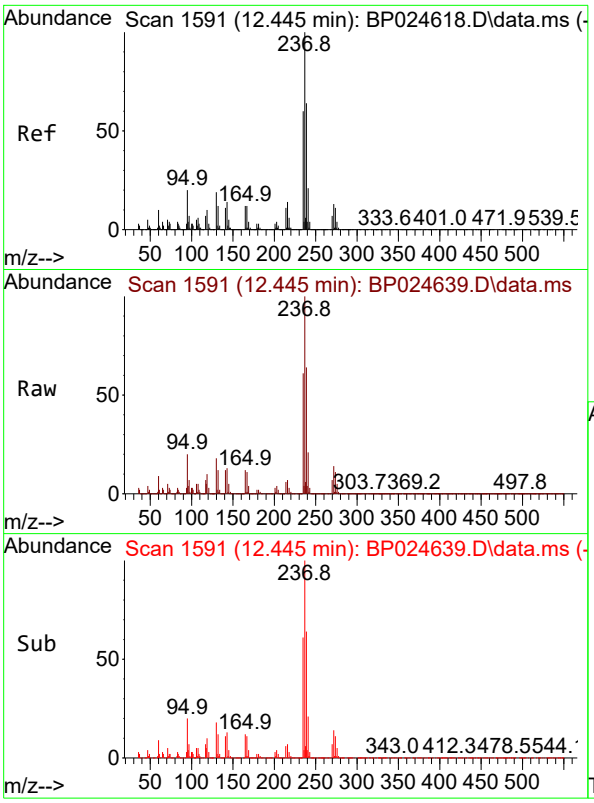


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.245 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:216 Resp: 526111

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	22.1	17.7	26.5
108	22.0	16.0	24.0



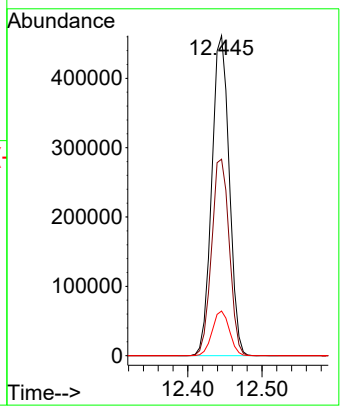


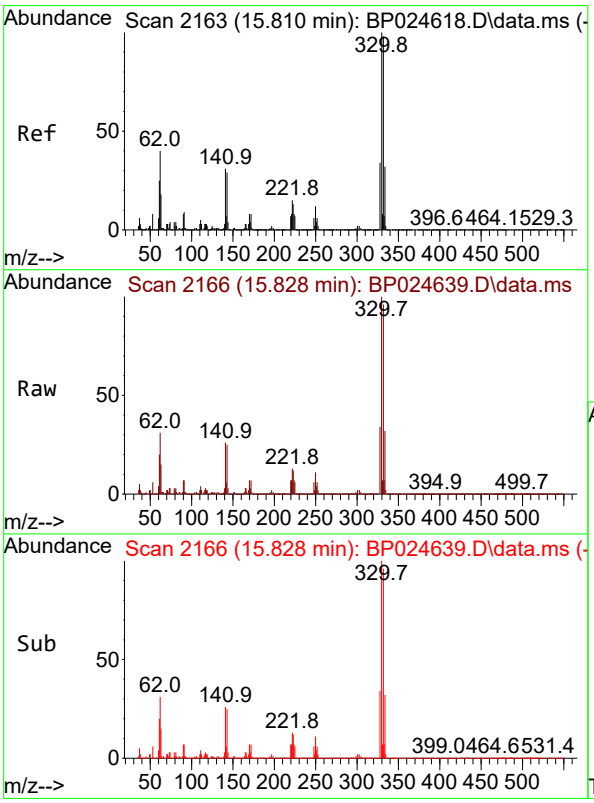
#41
Hexachlorocyclopentadiene
Concen: 113.935 ng
RT: 12.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:237 Resp: 753385

Ion	Ratio	Lower	Upper
237	100		
235	61.4	39.9	79.9
272	14.0	0.0	33.2

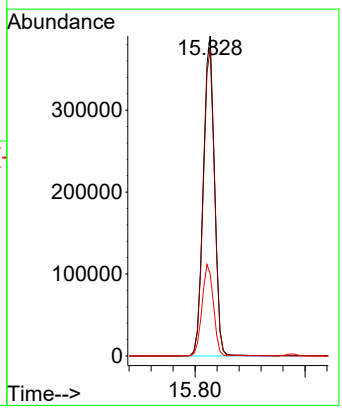


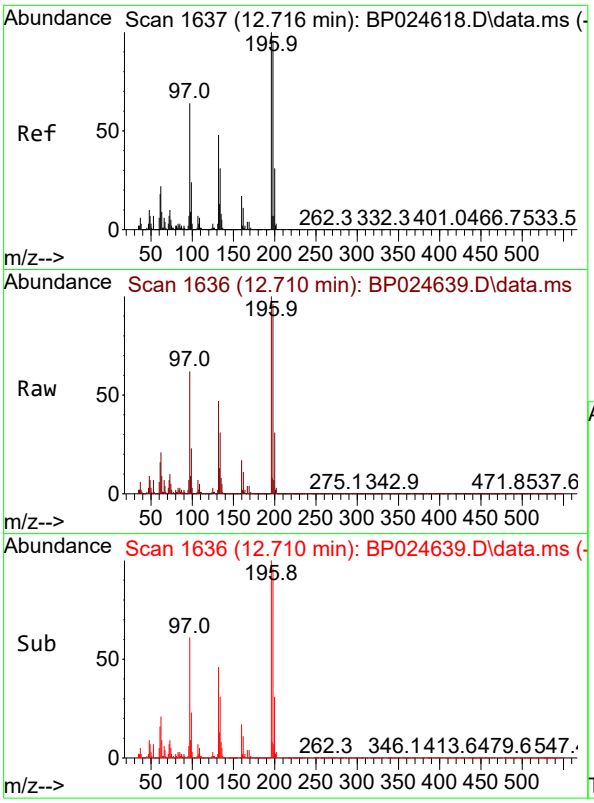


#42
2,4,6-Tribromophenol
Concen: 86.542 ng
RT: 15.828 min Scan# 2166
Delta R.T. 0.018 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:330 Resp: 550955

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.2	117.4
141	29.1	24.3	36.5



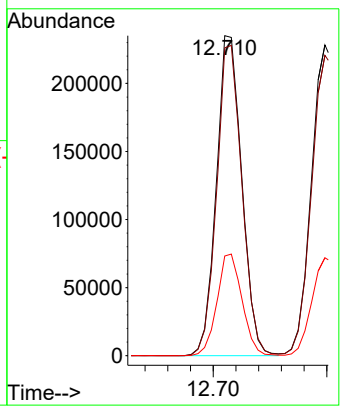


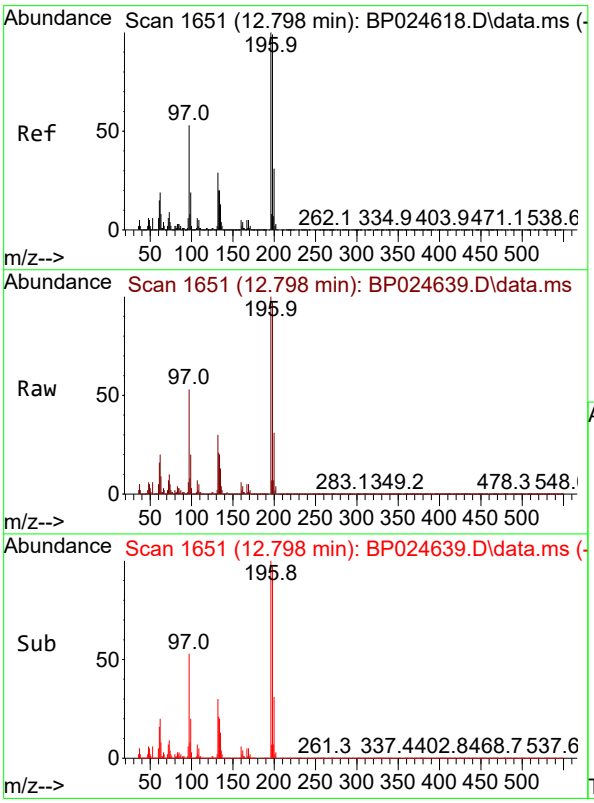
#43
2,4,6-Trichlorophenol
Concen: 51.868 ng
RT: 12.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:196 Resp: 366355

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.9	115.3
200	31.1	25.2	37.8

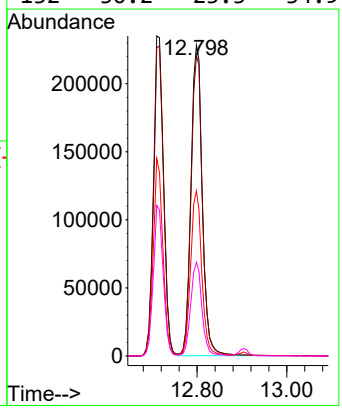


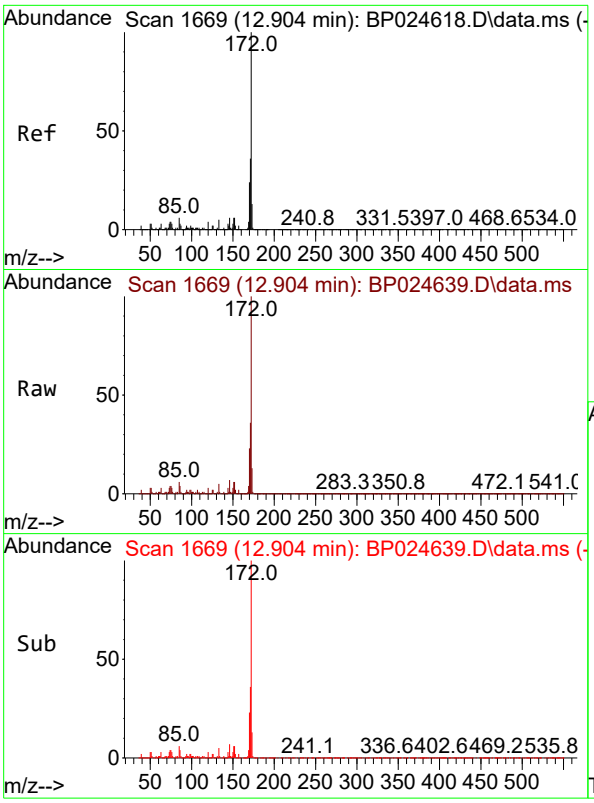


#44
2,4,5-Trichlorophenol
Concen: 50.924 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:196 Resp: 400383

Ion	Ratio	Lower	Upper
196	100		
198	96.7	79.2	118.8
97	53.1	42.3	63.5
132	30.2	23.3	34.9



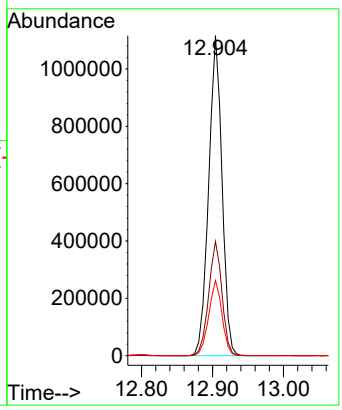


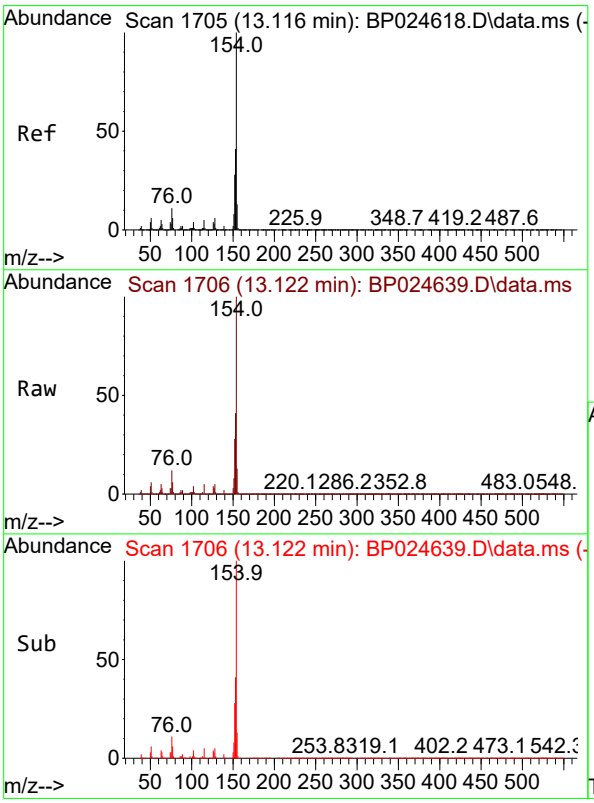
#45
2-Fluorobiphenyl
Concen: 50.869 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:172 Resp: 1458091

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.5	18.8	28.2

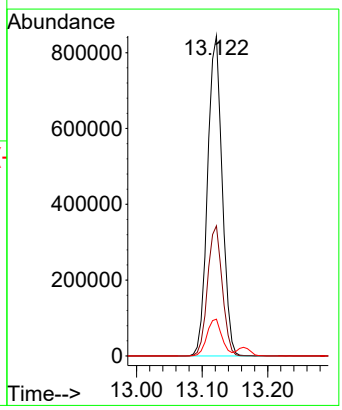


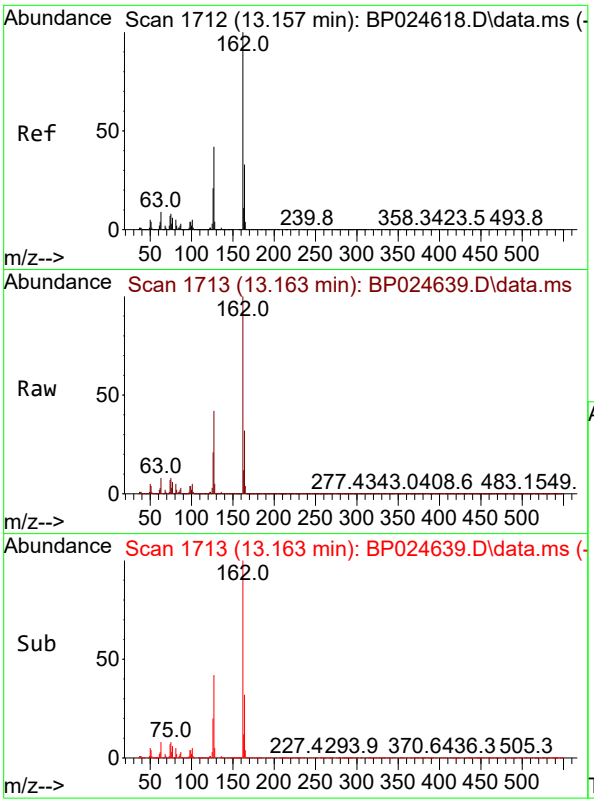


#46
1,1'-Biphenyl
Concen: 46.972 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:154 Resp: 1303750

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.0	61.0
76	11.5	0.0	31.5



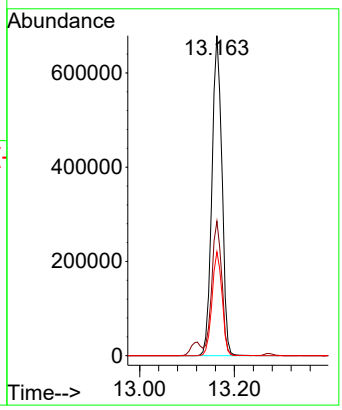


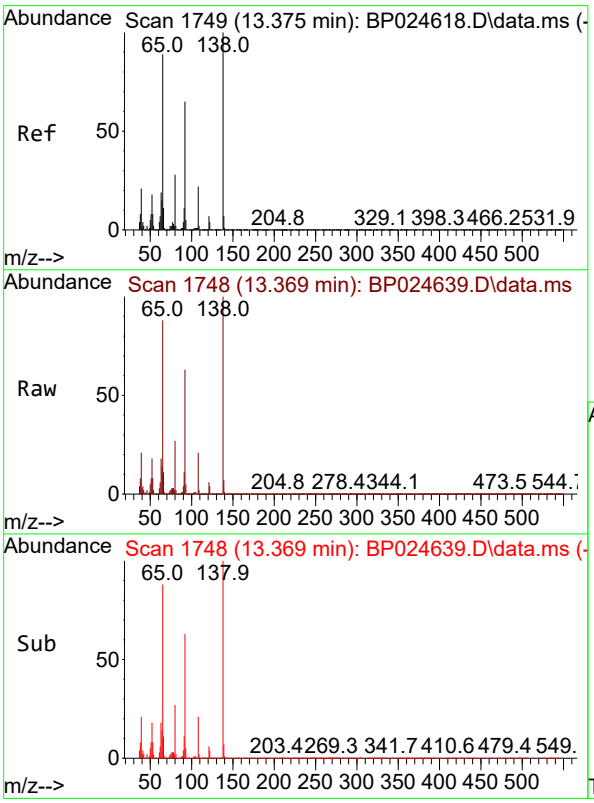
#47
2-Chloronaphthalene
Concen: 47.093 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:162 Resp: 996633

Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.8	50.6
164	32.5	26.0	39.0

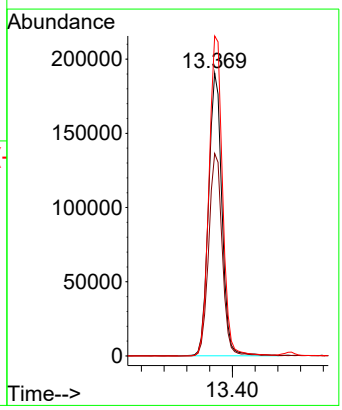


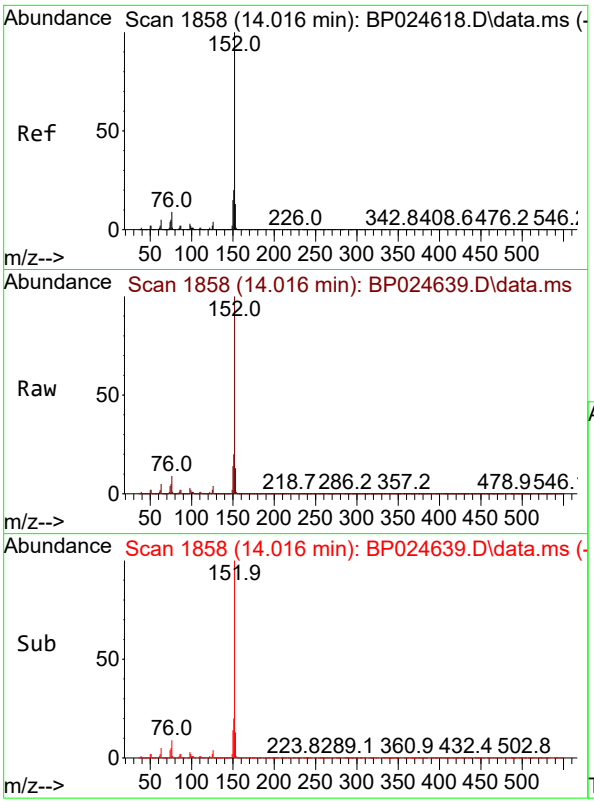


#48
2-Nitroaniline
Concen: 49.562 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion: 65 Resp: 310532

Ion	Ratio	Lower	Upper
65	100		
92	71.6	58.7	88.1
138	113.1	90.2	135.2



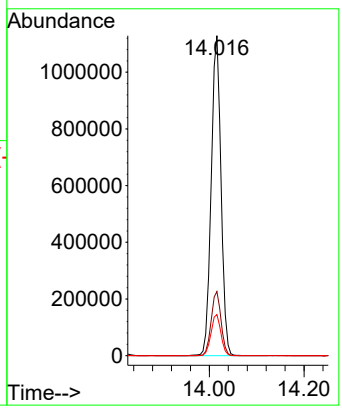


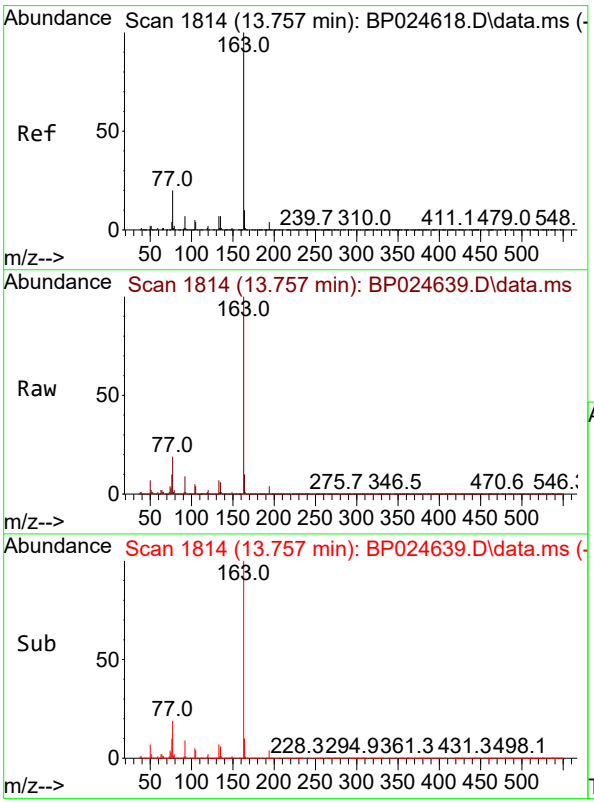
#49
Acenaphthylene
Concen: 45.817 ng
RT: 14.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:152 Resp: 1622651

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	12.9	10.2	15.4

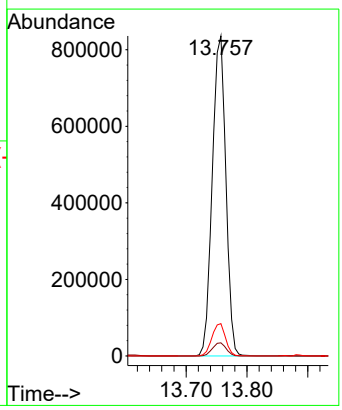


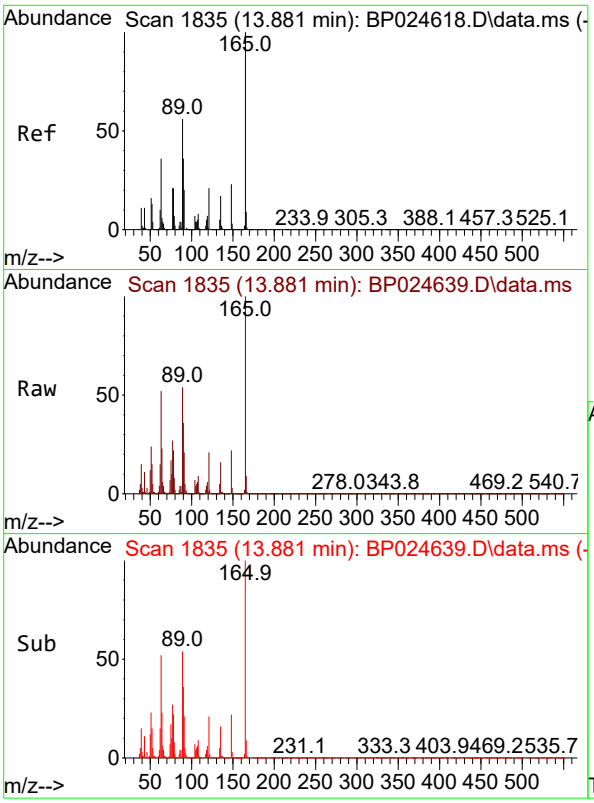


#50
Dimethylphthalate
Concen: 45.149 ng
RT: 13.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:163 Resp: 1292316

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	8.1	12.1



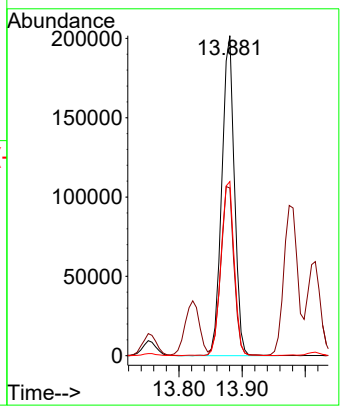


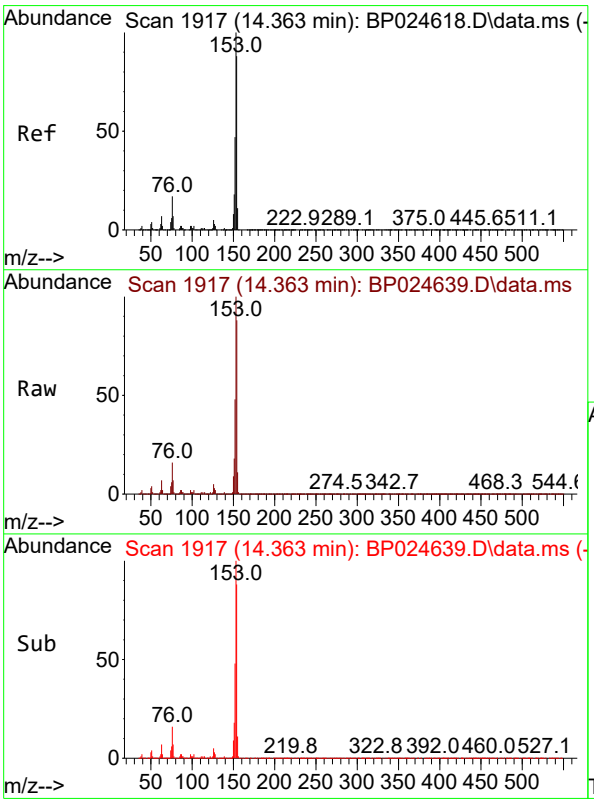
#51
2,6-Dinitrotoluene
Concen: 46.267 ng
RT: 13.881 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:165 Resp: 279686

Ion	Ratio	Lower	Upper
165	100		
63	52.4	42.4	63.6
89	54.4	44.8	67.2

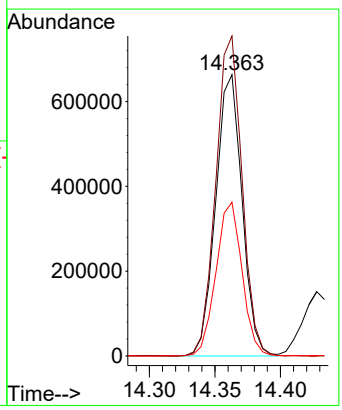


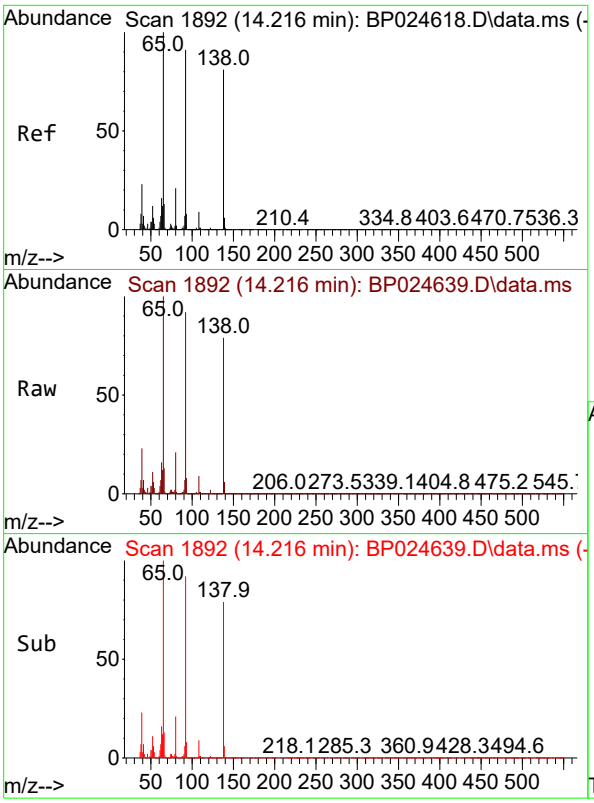


#52
Acenaphthene
Concen: 45.533 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:154 Resp: 927052

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.0	136.4
152	54.7	42.9	64.3



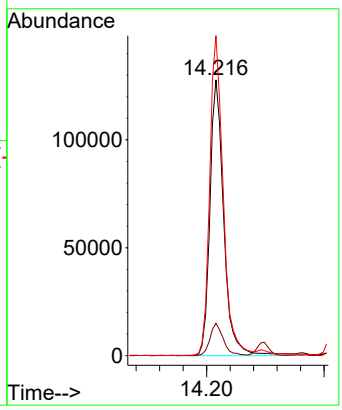


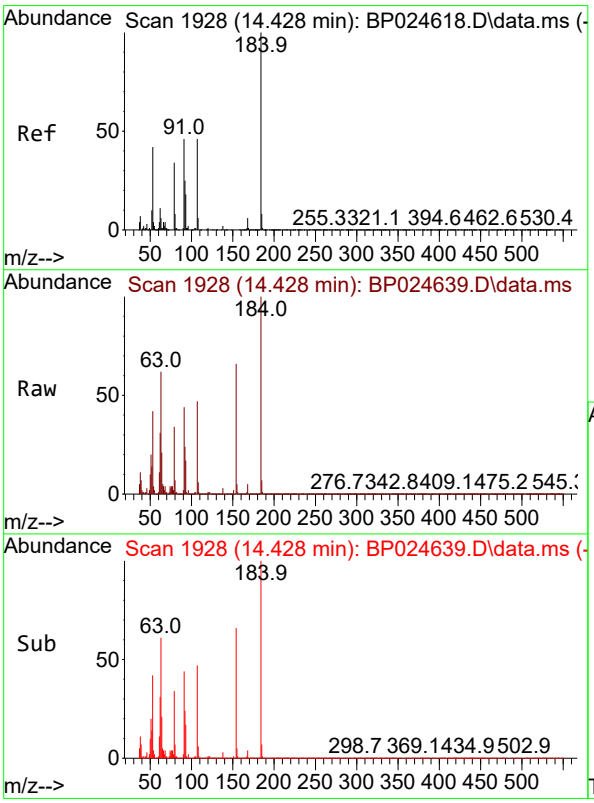
#53
3-Nitroaniline
Concen: 33.592 ng
RT: 14.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:138 Resp: 207346

Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.0	13.4
92	116.0	90.1	135.1

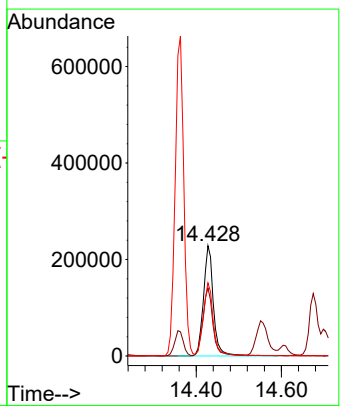


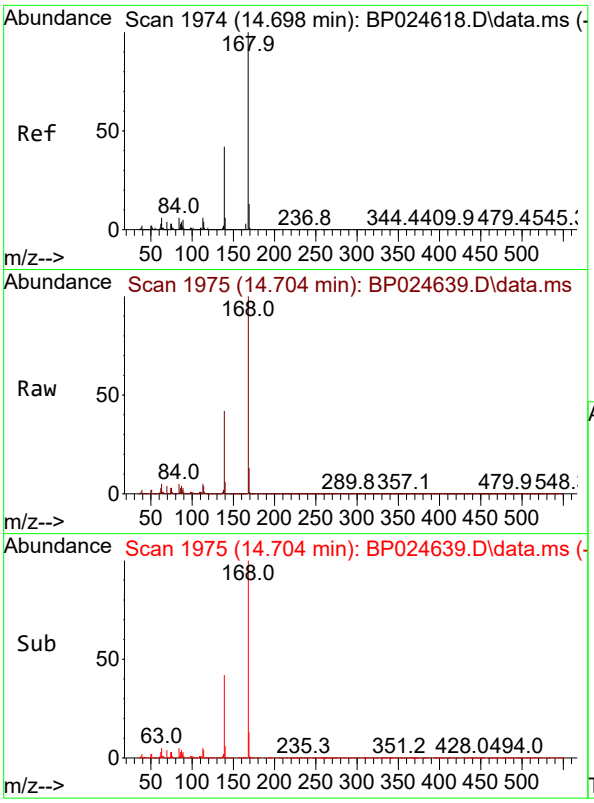


#54
2,4-Dinitrophenol
Concen: 95.940 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:184 Resp: 370998

Ion	Ratio	Lower	Upper
184	100		
63	61.6	51.3	76.9
154	66.3	53.5	80.3



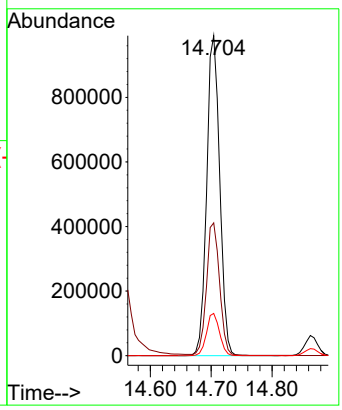


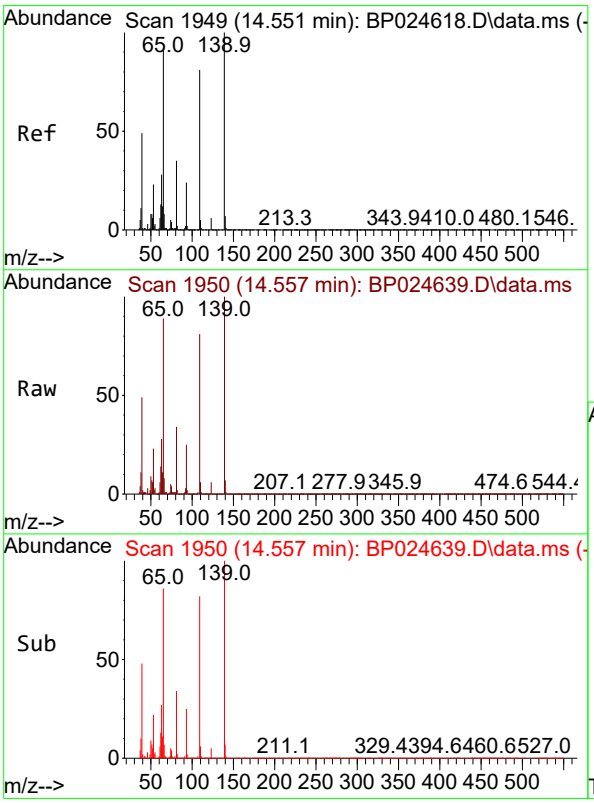
#55
Dibenzofuran
Concen: 45.231 ng
RT: 14.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:168 Resp: 1468896

Ion	Ratio	Lower	Upper
168	100		
139	41.5	34.2	51.4
169	13.2	10.8	16.2

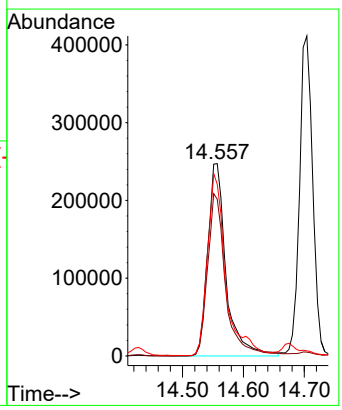


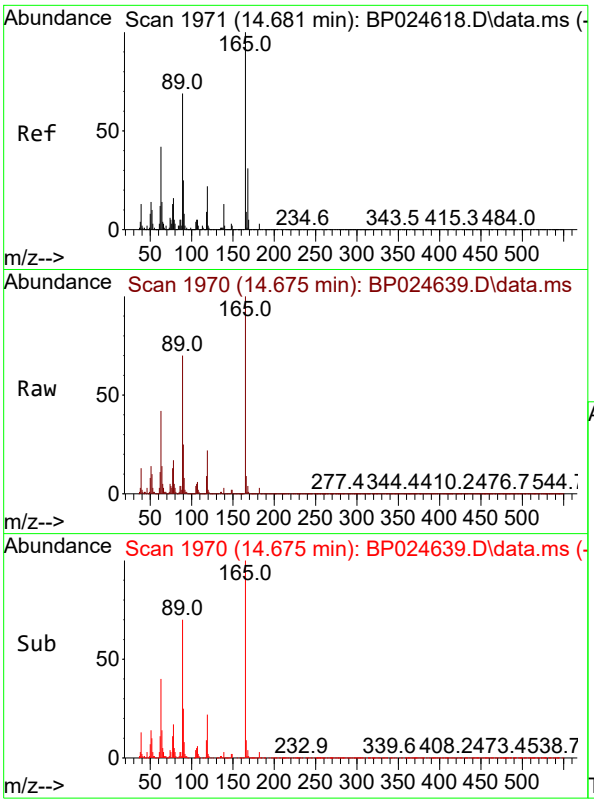


#56
4-Nitrophenol
Concen: 95.730 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:139 Resp: 516252

Ion	Ratio	Lower	Upper
139	100		
109	81.5	61.4	101.4
65	89.3	72.2	112.2



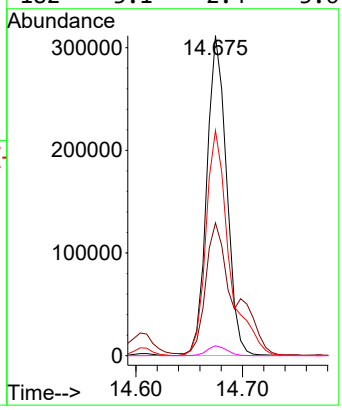


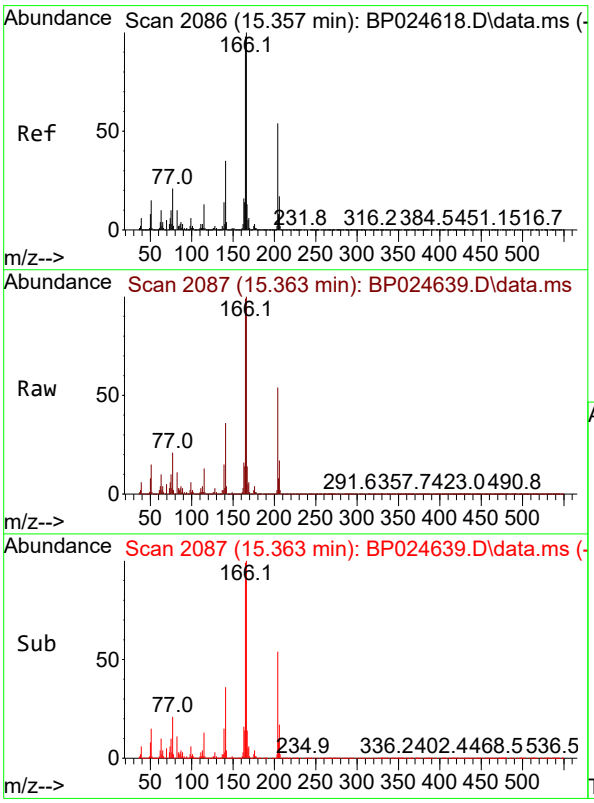
#57
2,4-Dinitrotoluene
Concen: 47.107 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:165 Resp: 401464

Ion	Ratio	Lower	Upper
165	100		
63	41.5	33.8	50.6
89	70.3	55.6	83.4
182	3.1	2.4	3.6

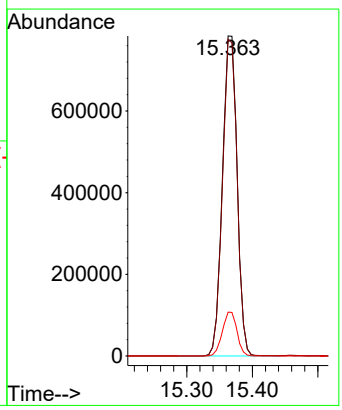


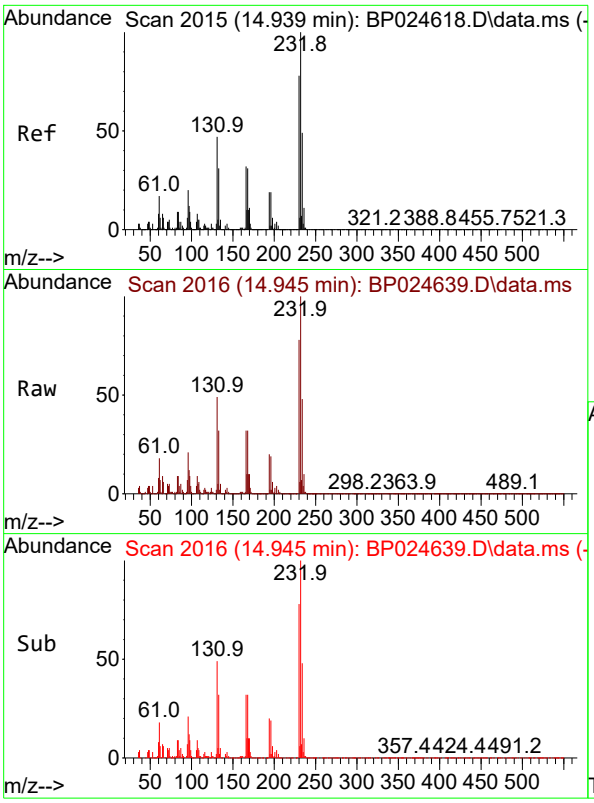


#58
Fluorene
Concen: 45.883 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:166 Resp: 1214988

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.5	117.7
167	13.7	10.7	16.1



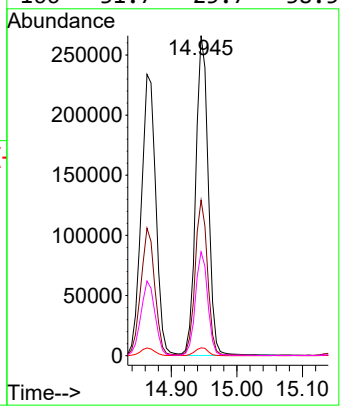


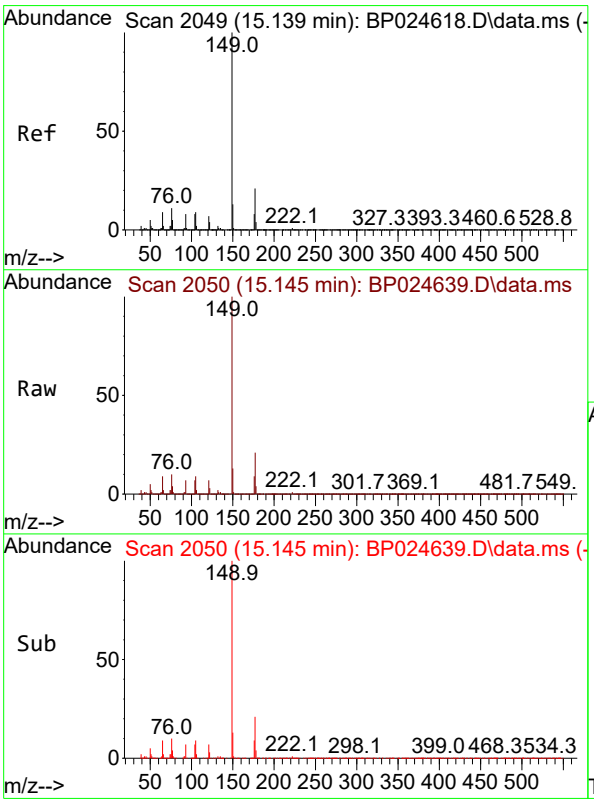
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.402 ng
RT: 14.945 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:232 Resp: 353018

Ion	Ratio	Lower	Upper
232	100		
131	48.2	39.5	59.3
130	2.6	2.2	3.4
166	31.7	25.7	38.5

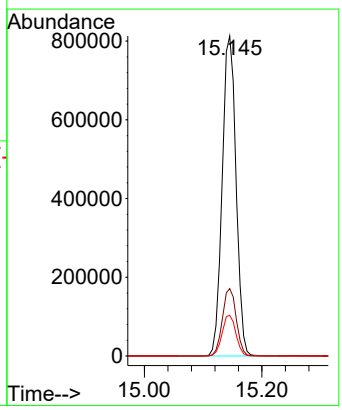


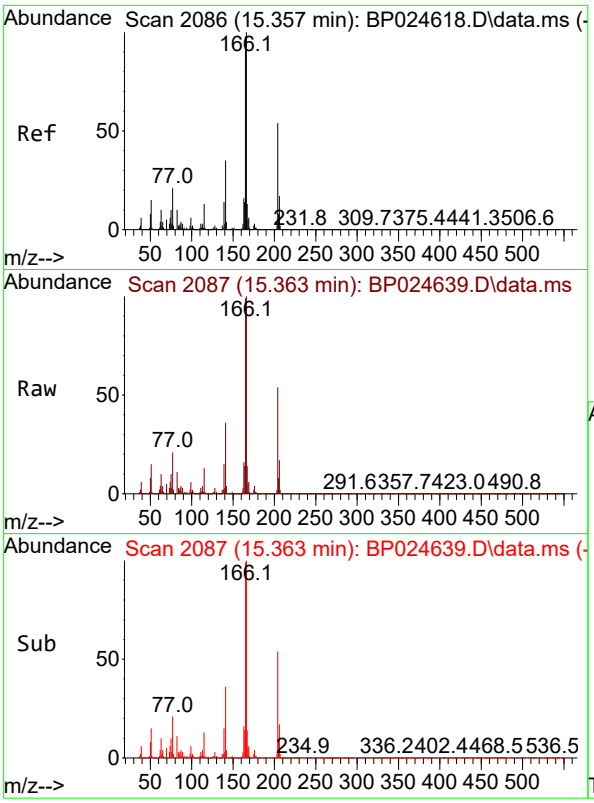


#60
Diethylphthalate
Concen: 45.812 ng
RT: 15.145 min Scan# 2050
Delta R.T. 0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:149 Resp: 1325337

Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	12.7	10.2	15.2



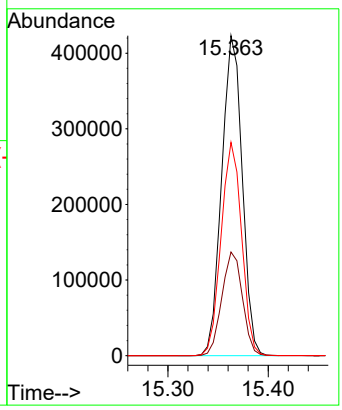


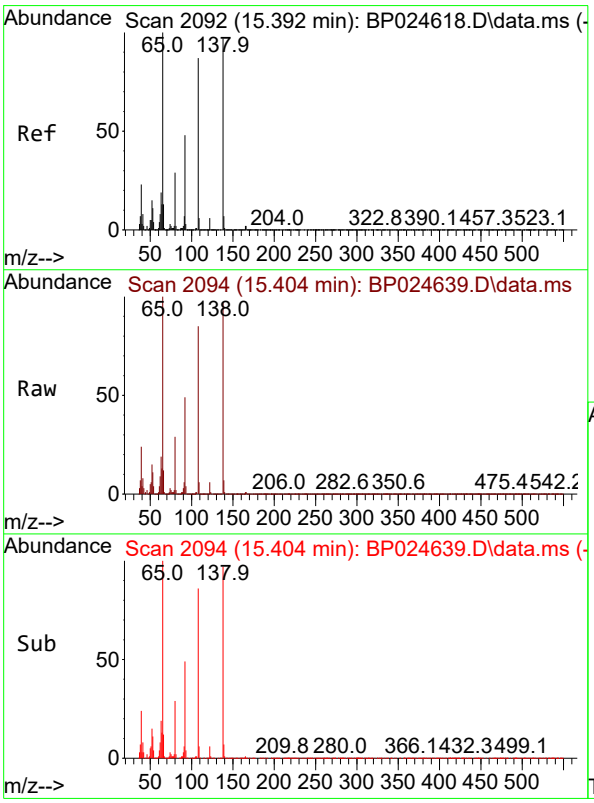
#61
4-Chlorophenyl-phenylether
Concen: 45.538 ng
RT: 15.363 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:204 Resp: 601374

Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.0	39.0
141	66.6	52.9	79.3

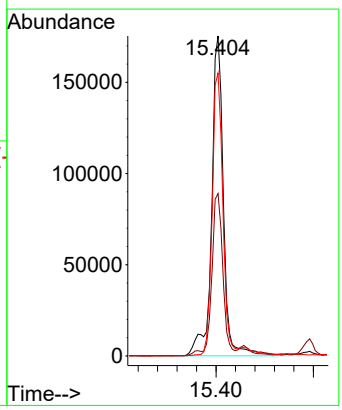


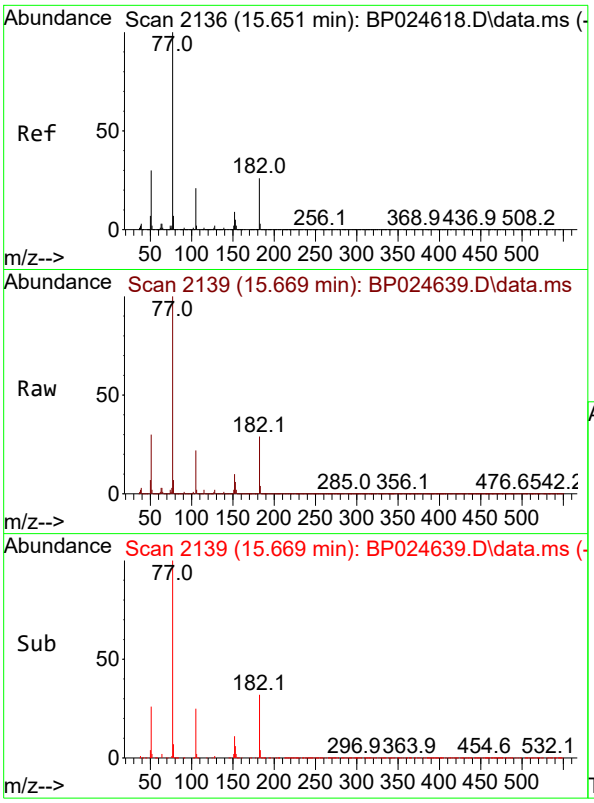


#62
4-Nitroaniline
Concen: 49.350 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:138 Resp: 294125

Ion	Ratio	Lower	Upper
138	100		
92	50.8	29.2	69.2
108	88.4	69.0	109.0



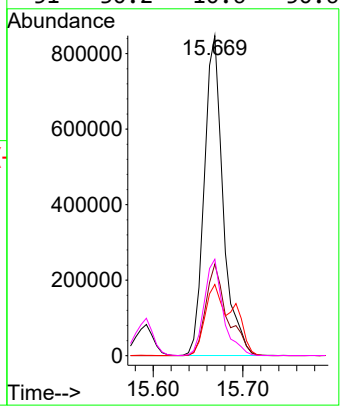


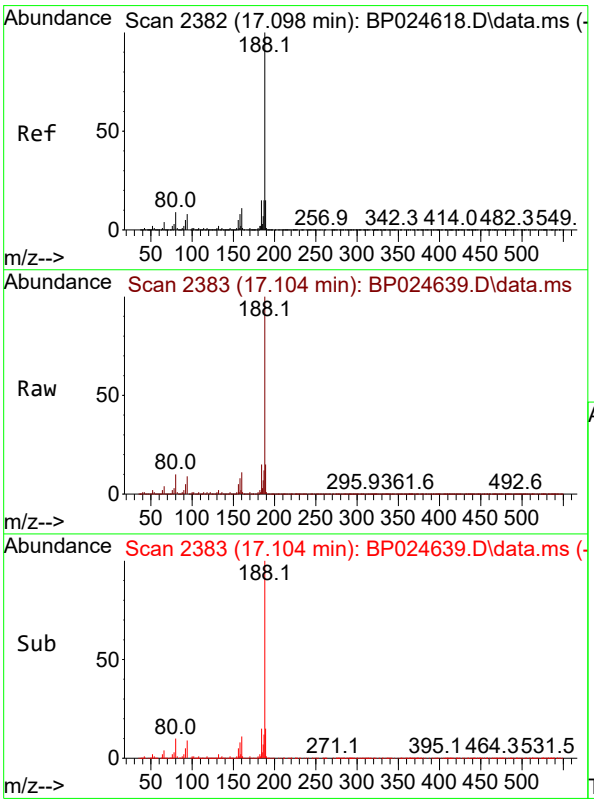
#63
Azobenzene
Concen: 49.848 ng
RT: 15.669 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion: 77 Resp: 1233658

Ion	Ratio	Lower	Upper
77	100		
182	28.6	5.7	45.7
105	22.2	1.3	41.3
51	30.2	10.6	50.6

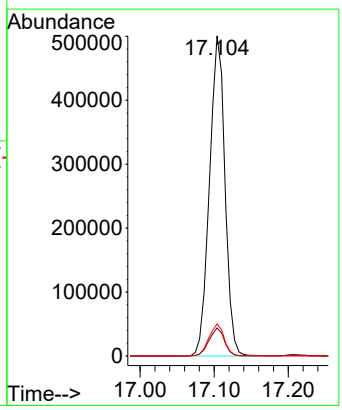


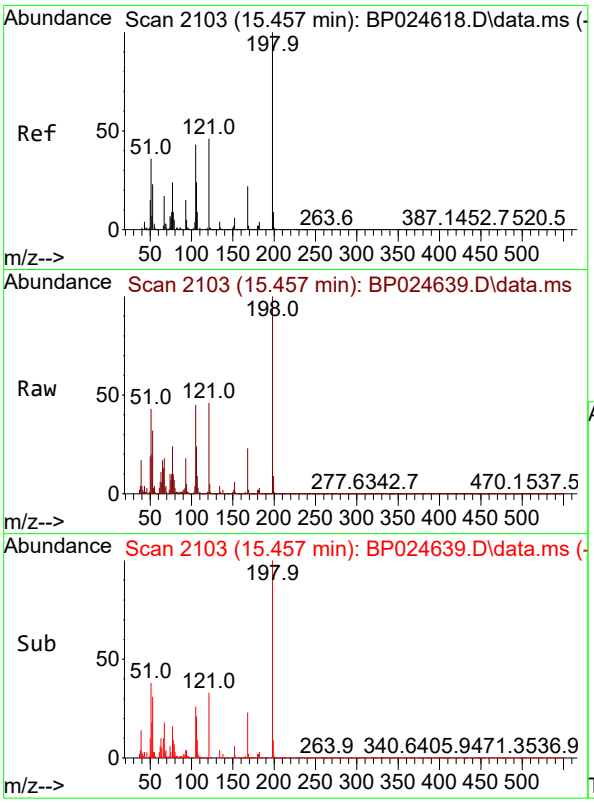


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:188 Resp: 726778

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.5	9.7
80	10.0	7.3	10.9



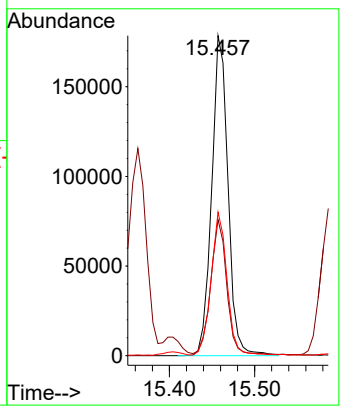


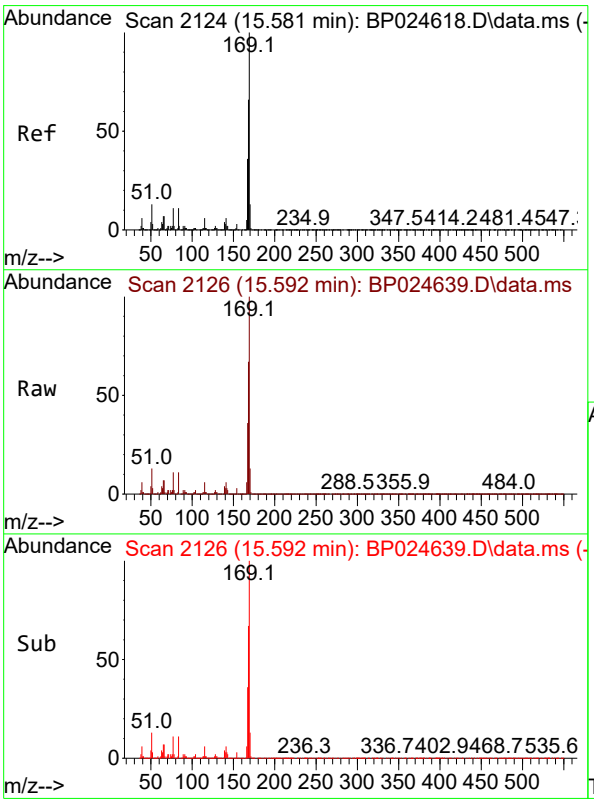
#65
4,6-Dinitro-2-methylphenol
Concen: 50.556 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:198 Resp: 237337

Ion	Ratio	Lower	Upper
198	100		
51	42.5	21.1	61.1
105	44.9	23.6	63.6

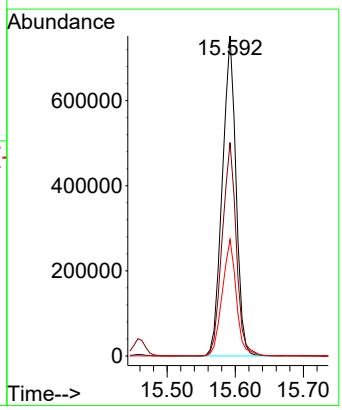


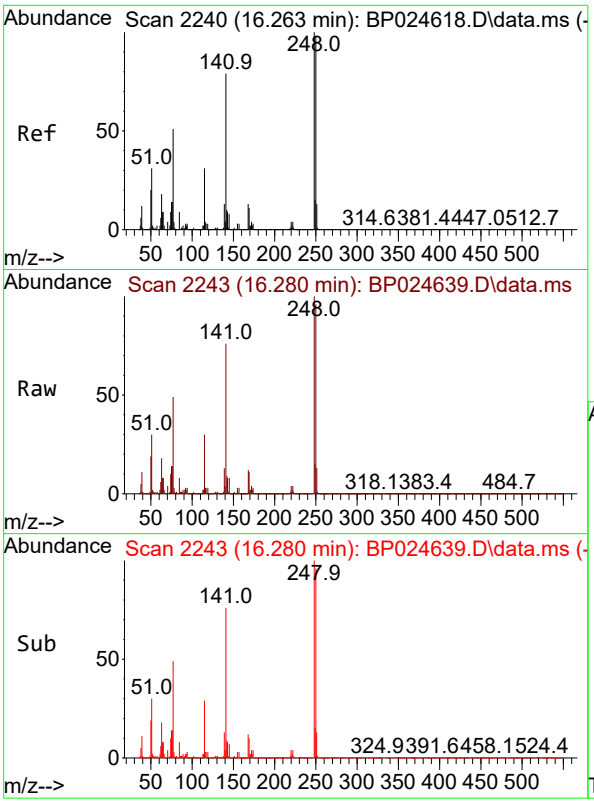


#66
n-Nitrosodiphenylamine
Concen: 47.126 ng
RT: 15.592 min Scan# 2126
Delta R.T. 0.012 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:169 Resp: 1052029

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	36.4	28.6	43.0



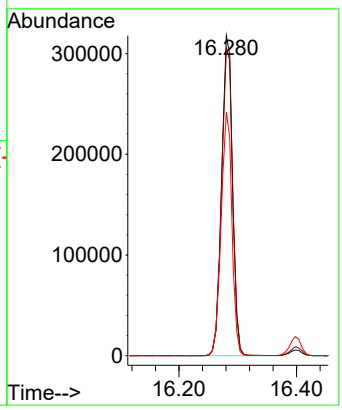


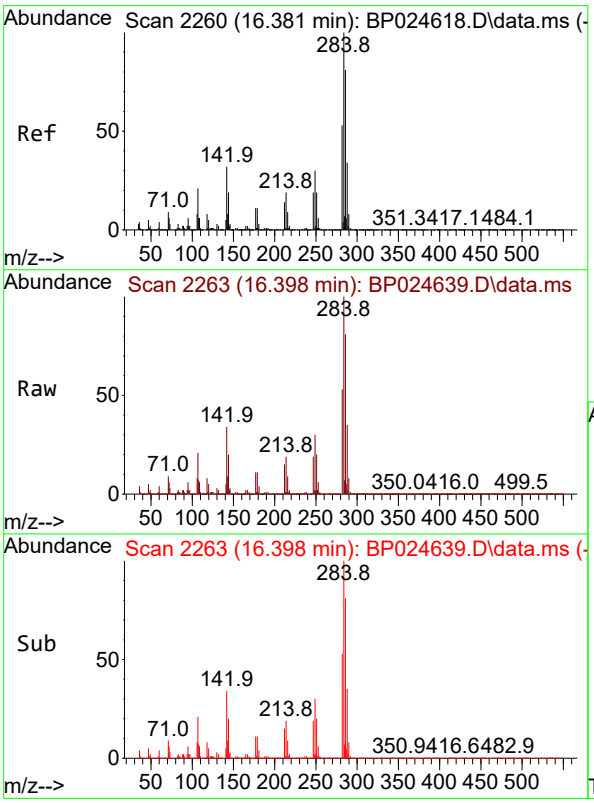
#67
4-Bromophenyl-phenylether
Concen: 47.731 ng
RT: 16.280 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:248 Resp: 408770

Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.2	117.4
141	76.1	63.0	94.6

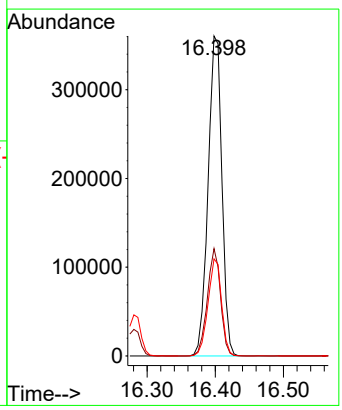


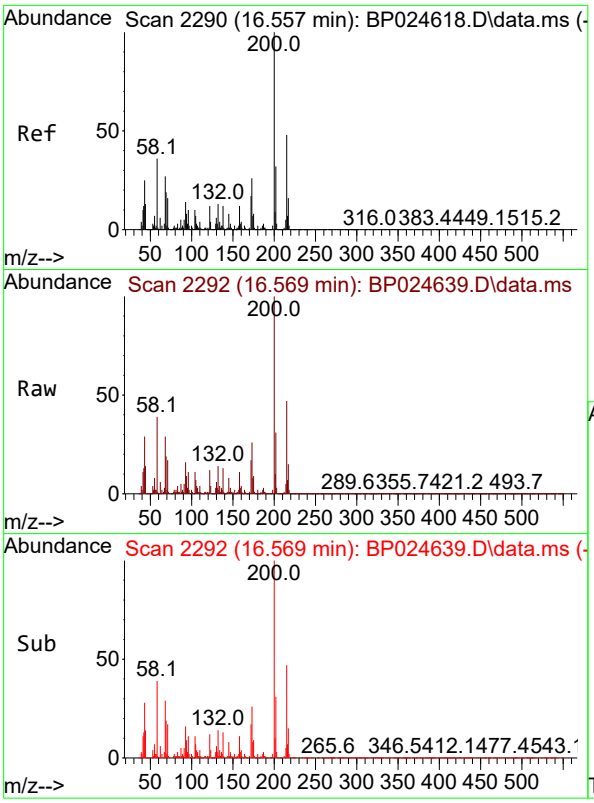


#68
Hexachlorobenzene
Concen: 46.695 ng
RT: 16.398 min Scan# 2263
Delta R.T. 0.018 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:284 Resp: 508136

Ion	Ratio	Lower	Upper
284	100		
142	33.5	25.9	38.9
249	30.4	24.1	36.1



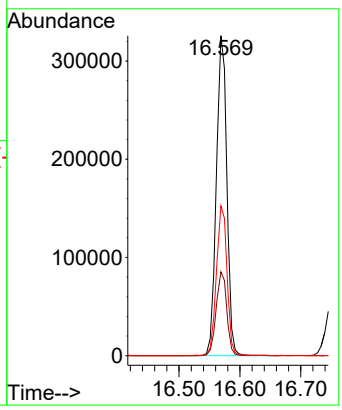


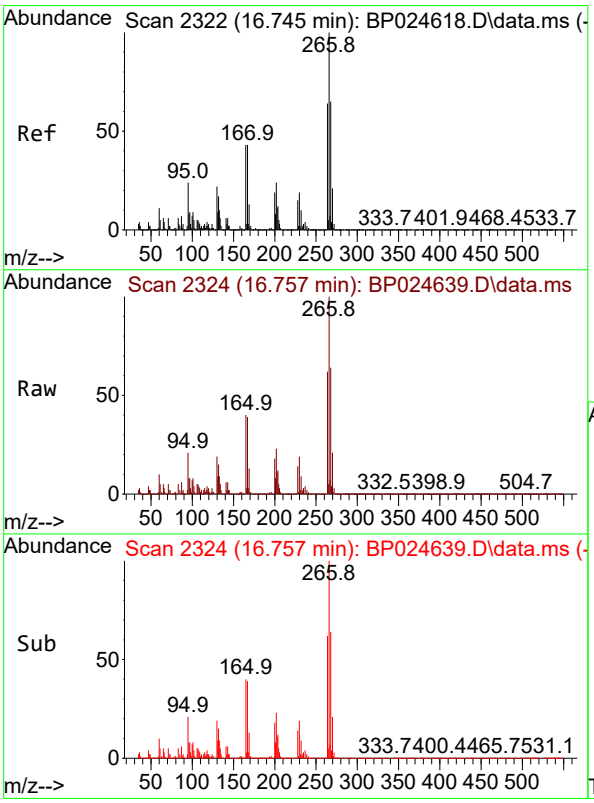
#69
Atrazine
Concen: 47.576 ng
RT: 16.569 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:200 Resp: 389218

Ion	Ratio	Lower	Upper
200	100		
173	26.2	5.9	45.9
215	46.8	28.3	68.3

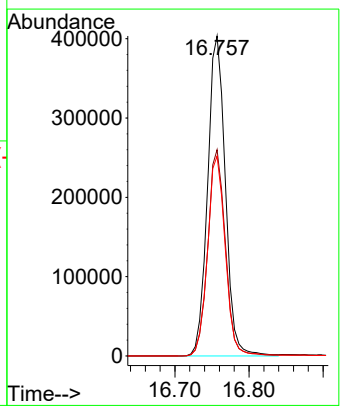


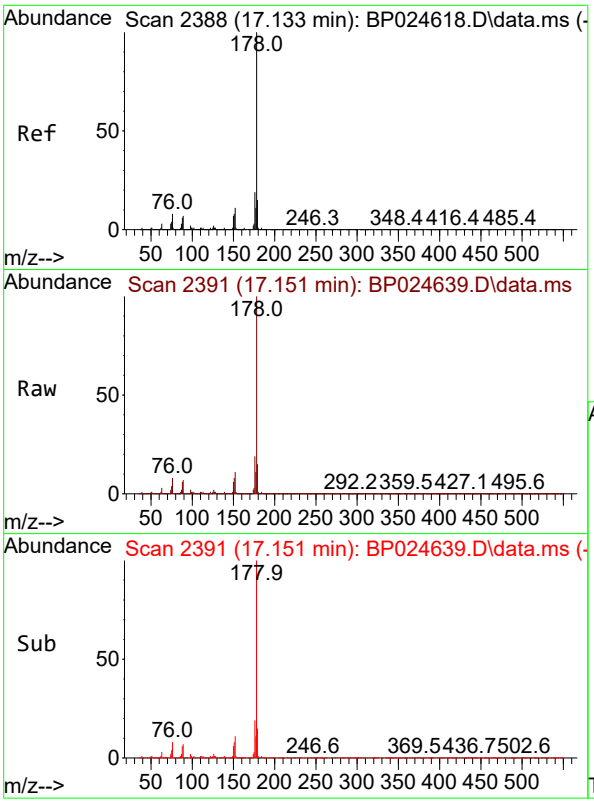


#70
Pentachlorophenol
Concen: 109.866 ng
RT: 16.757 min Scan# 2324
Delta R.T. 0.012 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:266 Resp: 671128

Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.2	78.4
264	62.5	51.1	76.7



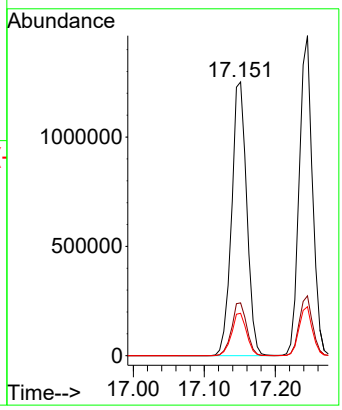


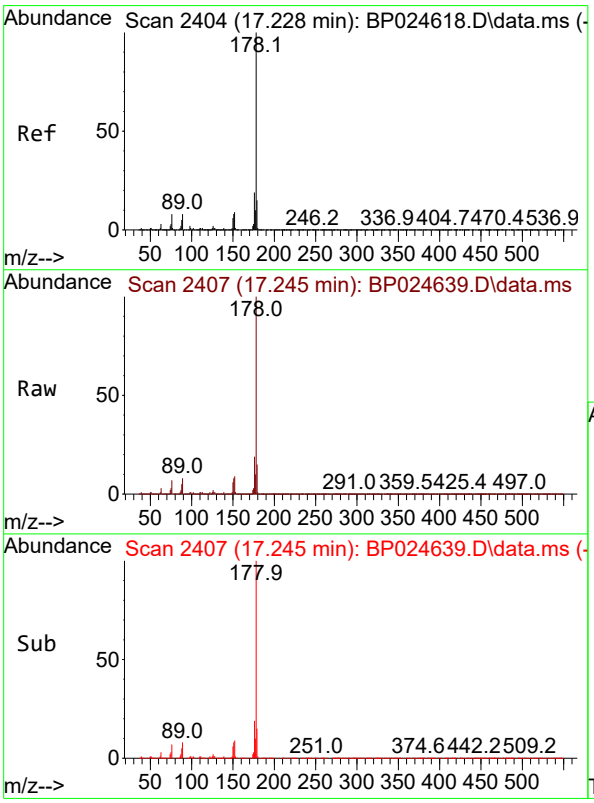
#71
Phenanthrene
Concen: 45.914 ng
RT: 17.151 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:178 Resp: 1855042

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.2	18.4

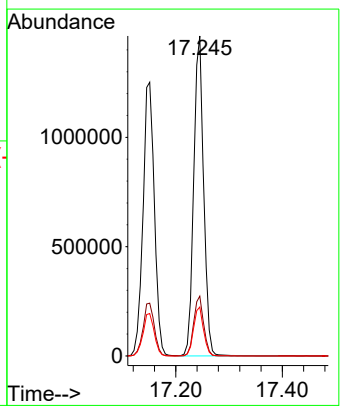


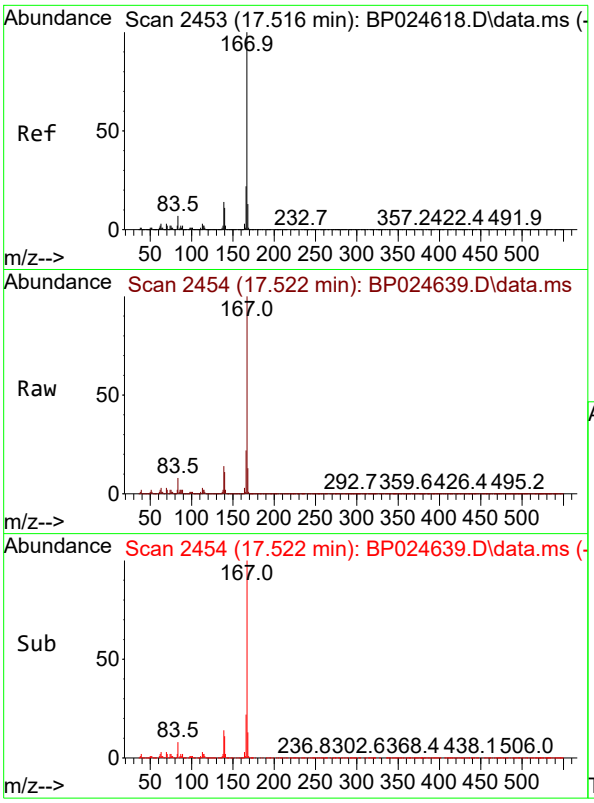


#72
Anthracene
Concen: 46.501 ng
RT: 17.245 min Scan# 2407
Delta R.T. 0.018 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:178 Resp: 1890233

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.3	12.2	18.2



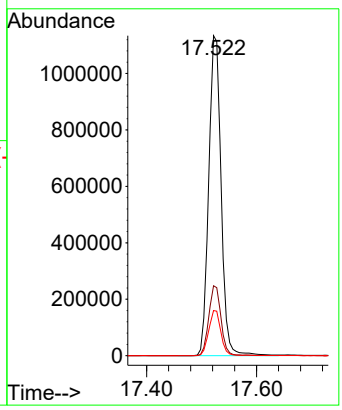


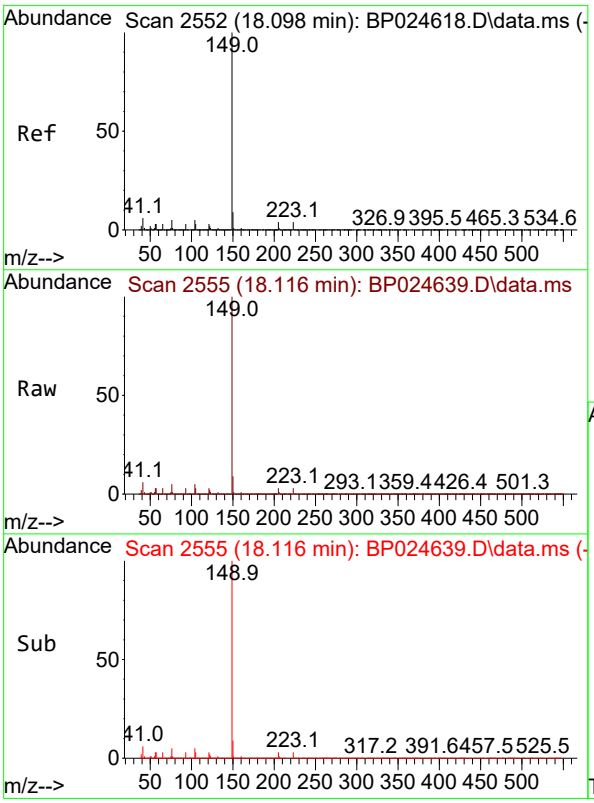
#73
Carbazole
Concen: 48.125 ng
RT: 17.522 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:167 Resp: 1770616

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	14.1	11.3	16.9

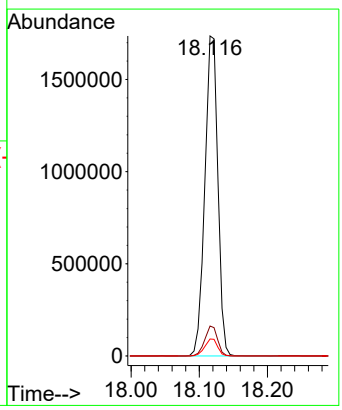


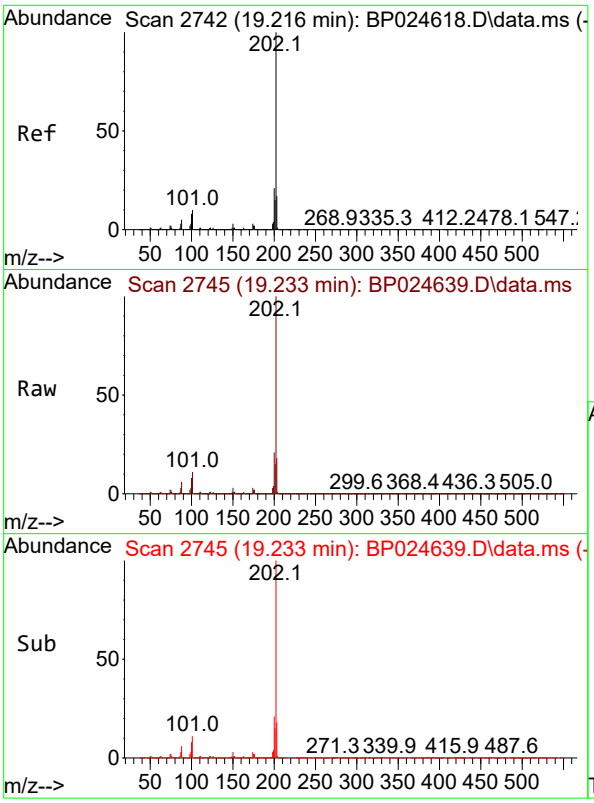


#74
Di-n-butylphthalate
Concen: 48.711 ng
RT: 18.116 min Scan# 2555
Delta R.T. 0.018 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:149 Resp: 2304897

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.3	4.3	6.5



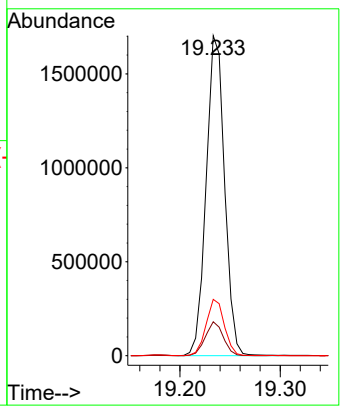


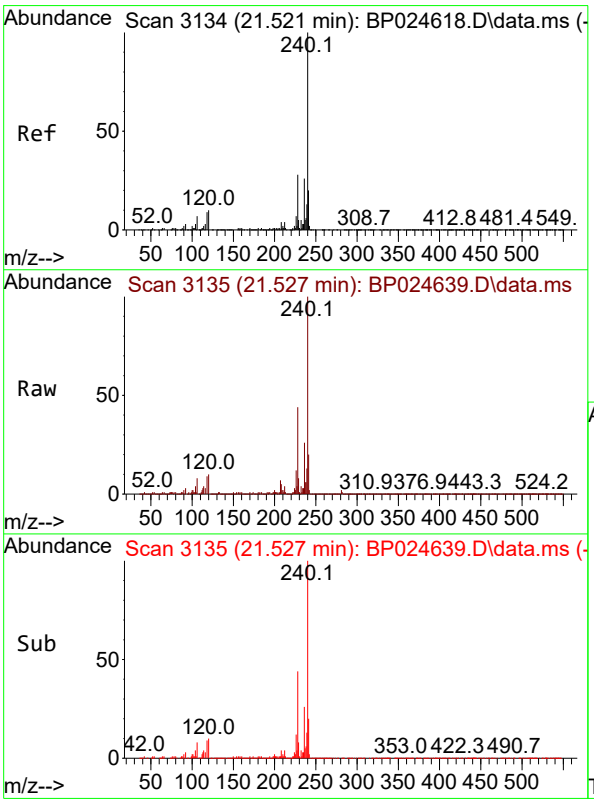
#75
Fluoranthene
Concen: 46.096 ng
RT: 19.233 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:202 Resp: 2177024

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
203	17.6	0.0	37.5

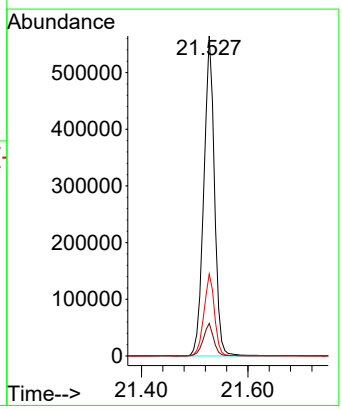


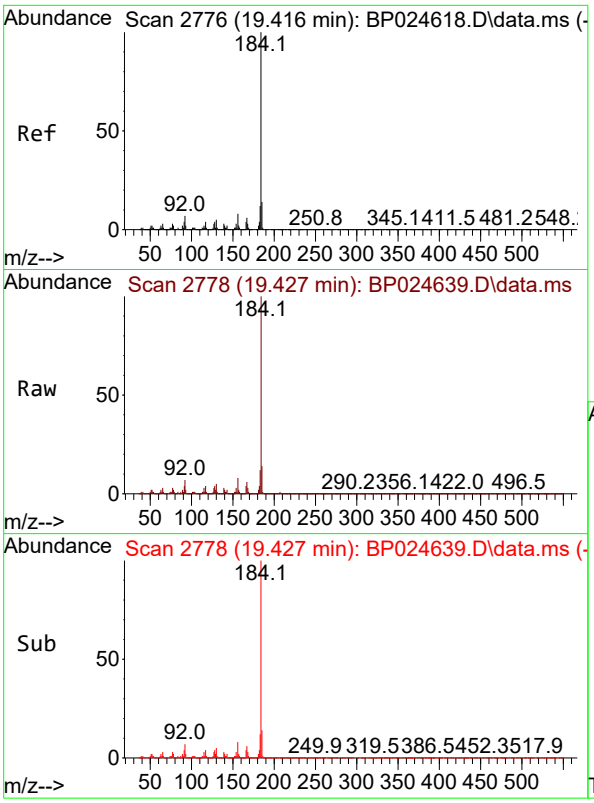


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:240 Resp: 785534

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.8	11.6
236	25.6	20.6	31.0



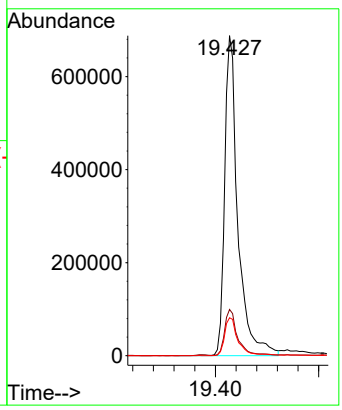


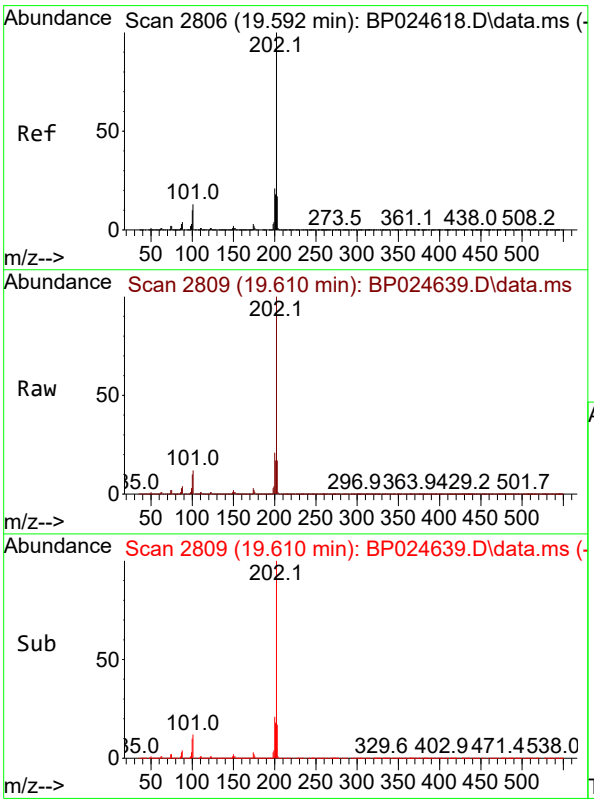
#77
Benzidine
Concen: 56.878 ng
RT: 19.427 min Scan# 2
Delta R.T. 0.011 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:184 Resp: 1216882

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.2	16.8
183	11.9	9.8	14.8

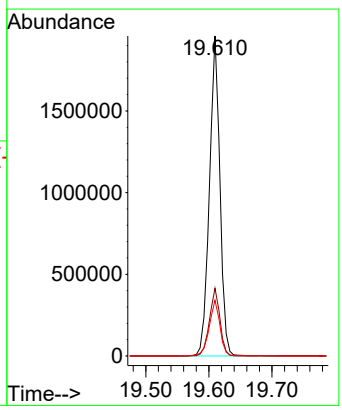


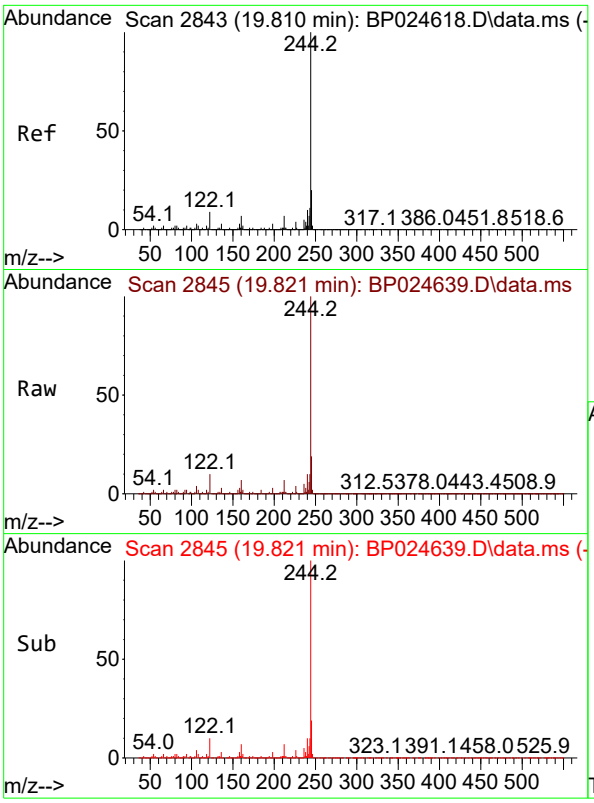


#78
Pyrene
Concen: 47.874 ng
RT: 19.610 min Scan# 2809
Delta R.T. 0.018 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:202 Resp: 2253283

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	13.9	20.9



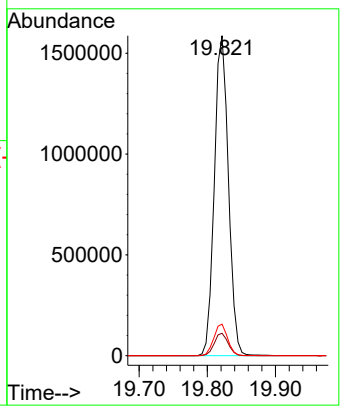


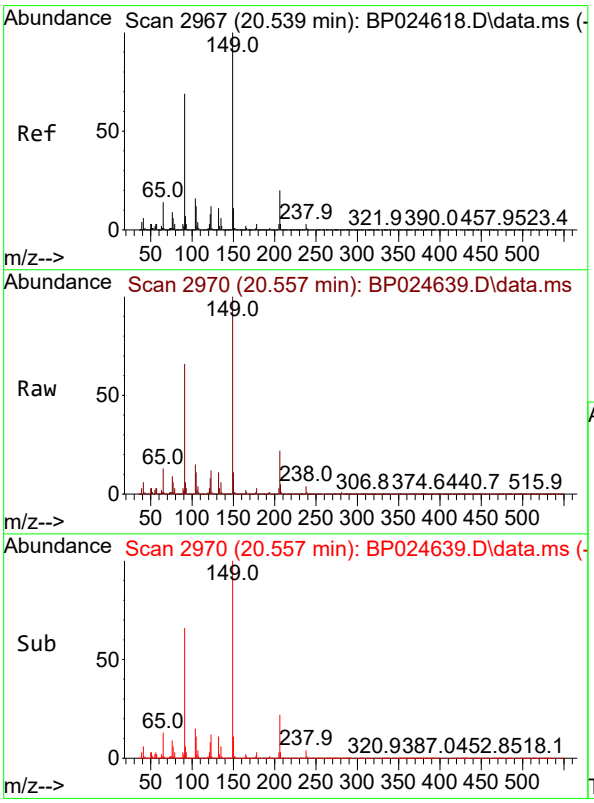
#79
Terphenyl-d14
Concen: 49.789 ng
RT: 19.821 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:244 Resp: 2280930

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.9	7.4	11.0

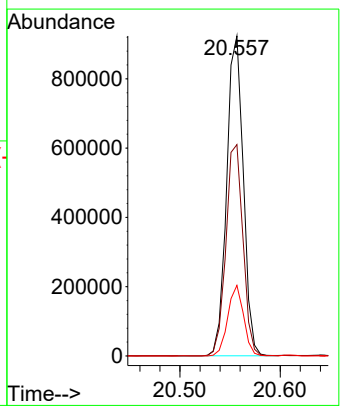


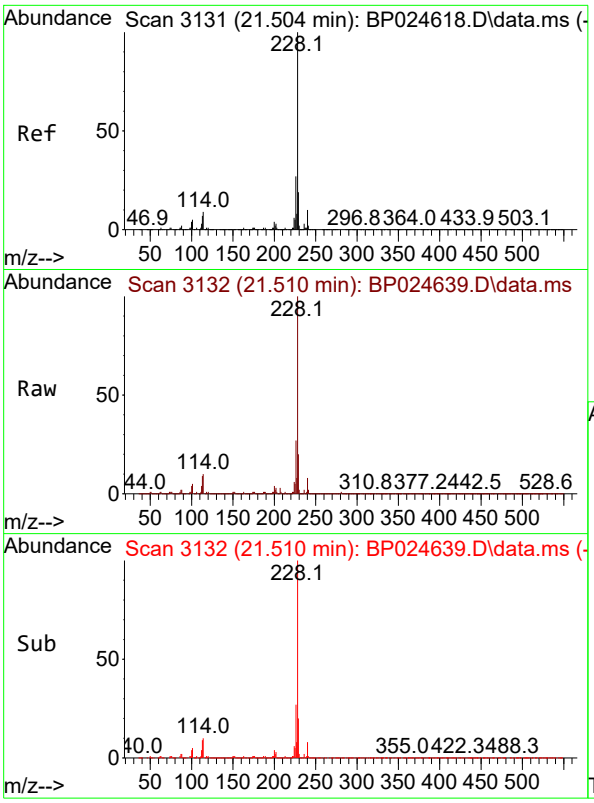


#80
Butylbenzylphthalate
Concen: 50.684 ng
RT: 20.557 min Scan# 2970
Delta R.T. 0.018 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:149 Resp: 1060952

Ion	Ratio	Lower	Upper
149	100		
91	66.1	55.4	83.0
206	22.1	16.2	24.2



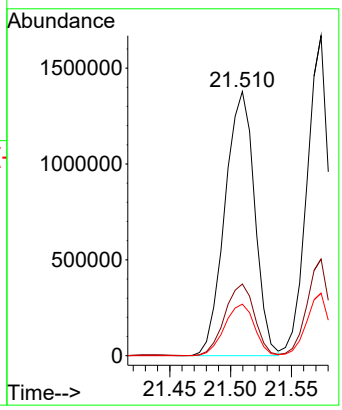


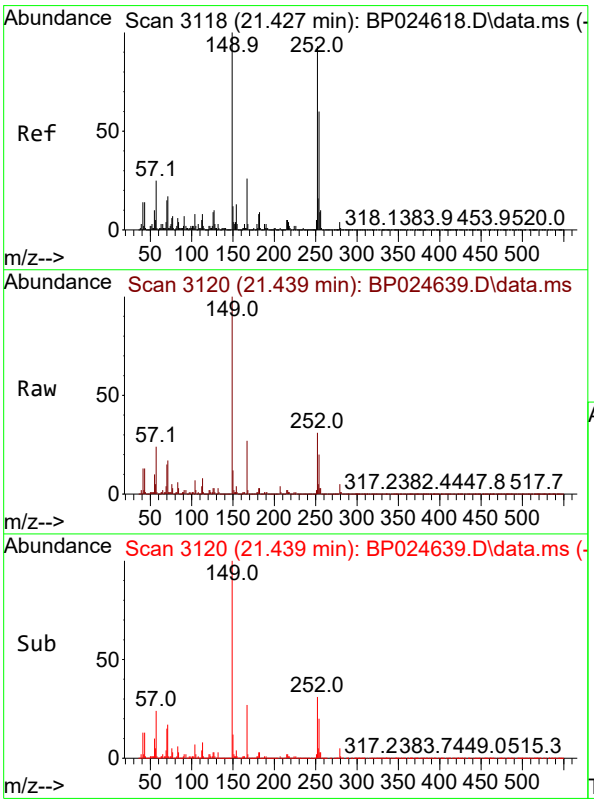
#81
Benzo(a)anthracene
Concen: 47.414 ng
RT: 21.510 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:228 Resp: 2338691

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.0
229	19.5	15.5	23.3

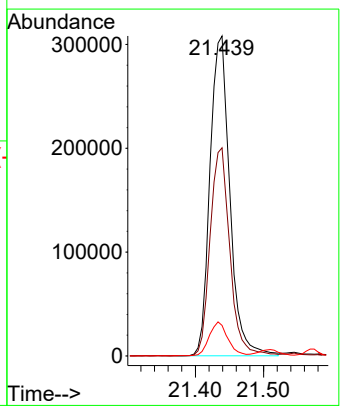


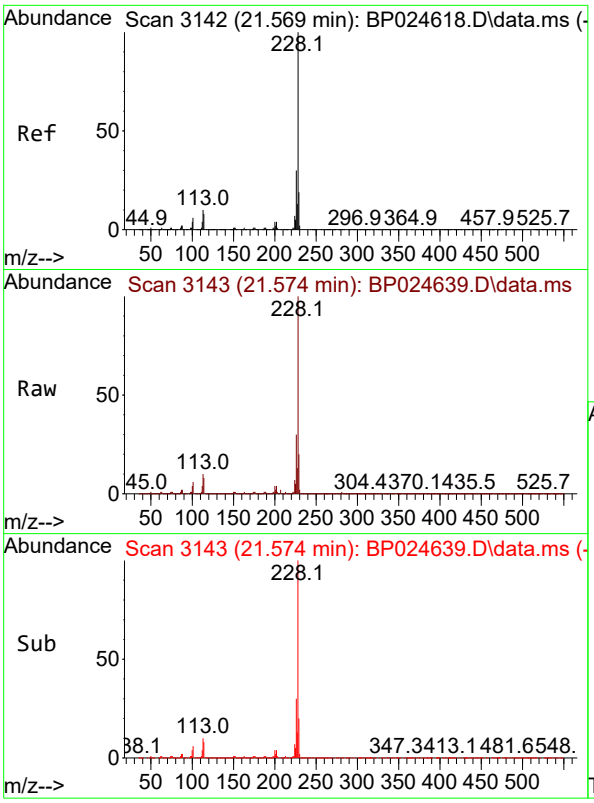


#82
3,3'-Dichlorobenzidine
Concen: 33.999 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.012 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:252 Resp: 622869

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.8	77.6
126	9.6	7.7	11.5



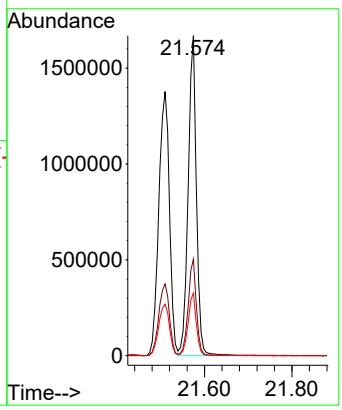


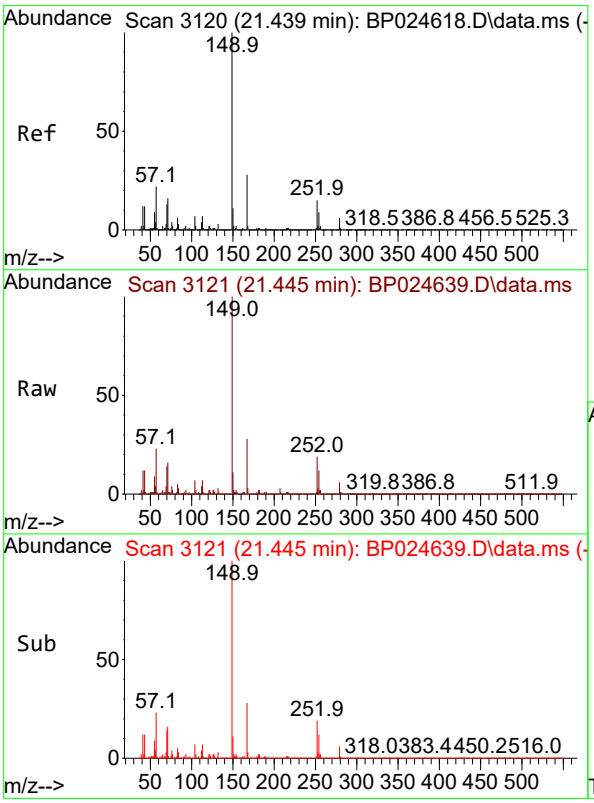
#83
Chrysene
Concen: 46.609 ng
RT: 21.574 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:228 Resp: 2179347

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.6	15.5	23.3

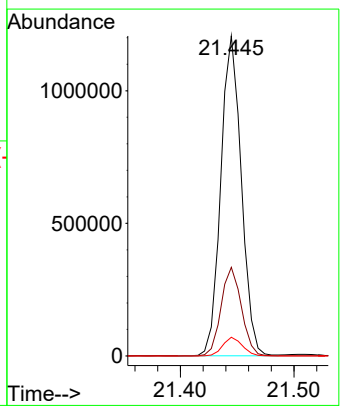


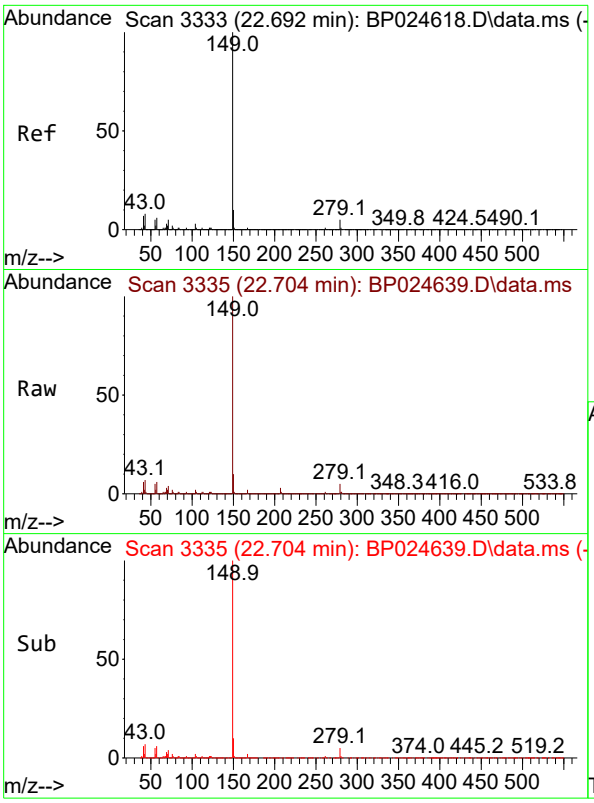


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.165 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:149 Resp: 1512698

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.1	33.1
279	5.9	4.6	6.8



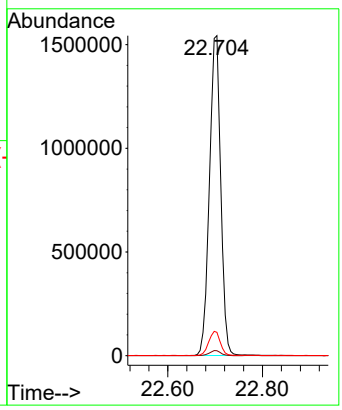


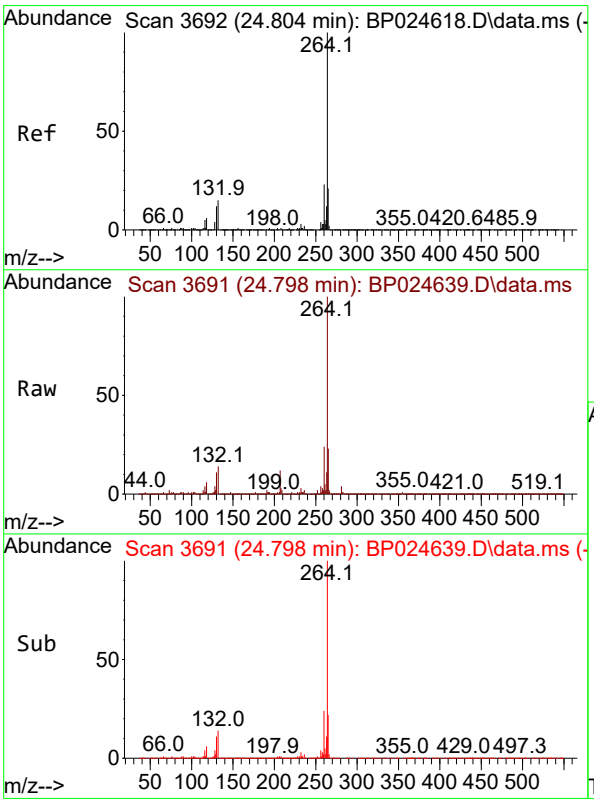
#85
Di-n-octyl phthalate
Concen: 50.745 ng
RT: 22.704 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:149 Resp: 2553144

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.7	6.3	9.5

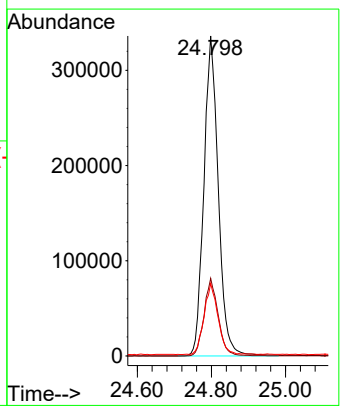


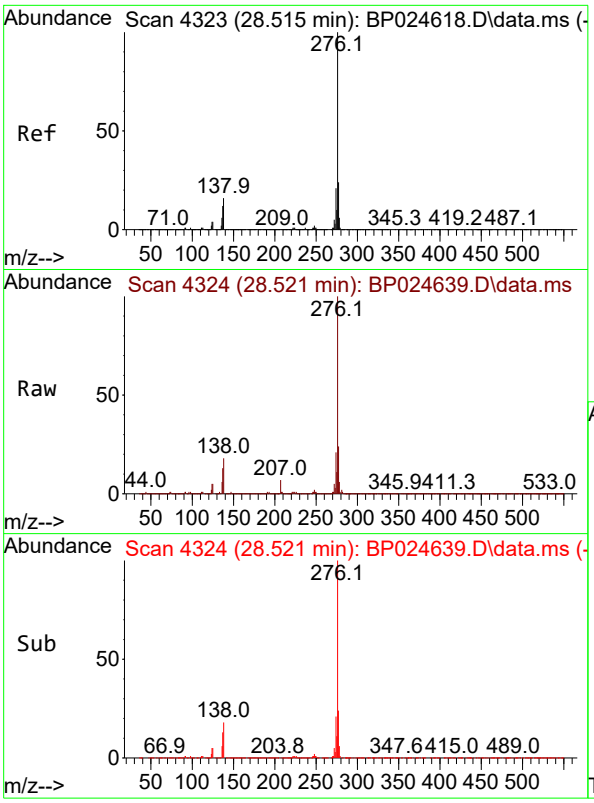


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 3691
Delta R.T. -0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:264 Resp: 909133

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.7	17.0	25.6



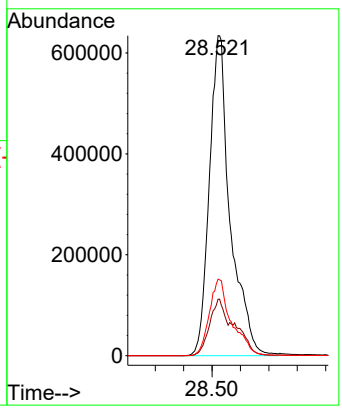


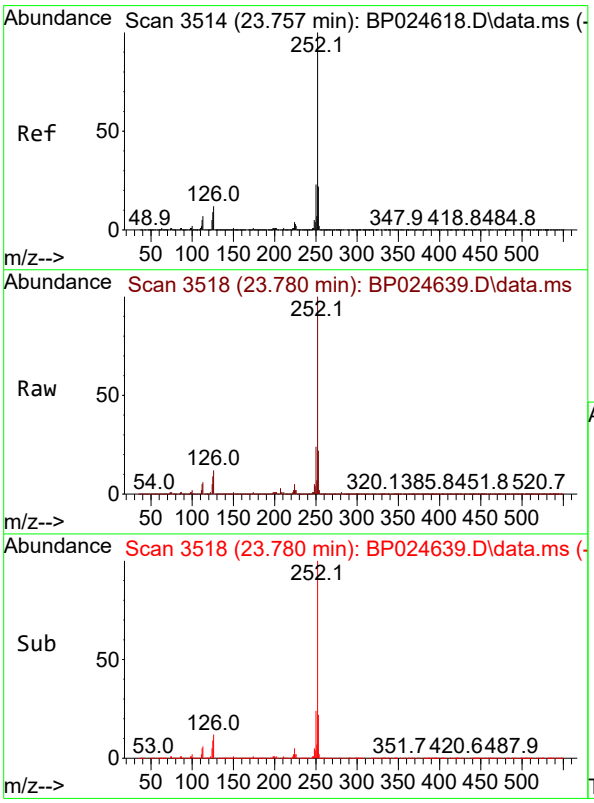
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.618 ng
RT: 28.521 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:276 Resp: 3226858

Ion	Ratio	Lower	Upper
276	100		
138	21.0	11.2	16.8#
277	25.5	15.7	23.5#

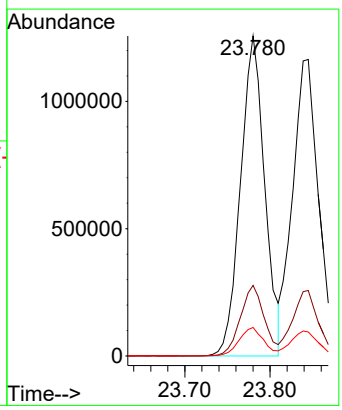


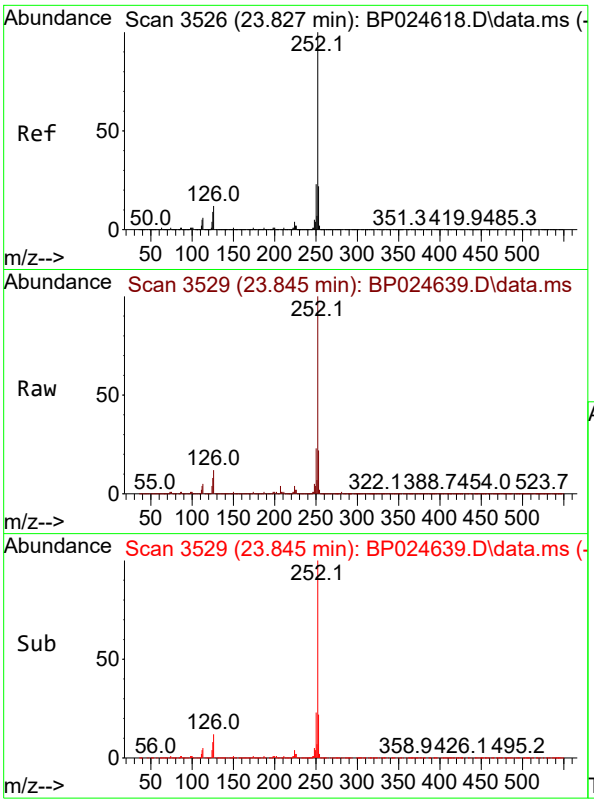


#88
Benzo(b)fluoranthene
Concen: 47.594 ng
RT: 23.780 min Scan# 3518
Delta R.T. 0.023 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:252 Resp: 2476684

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	8.9	7.5	11.3



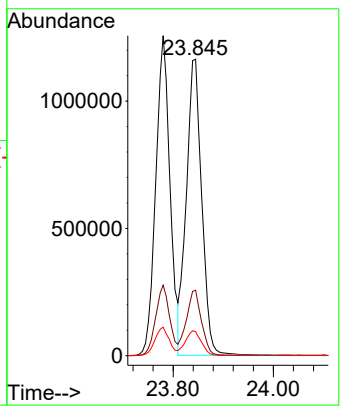


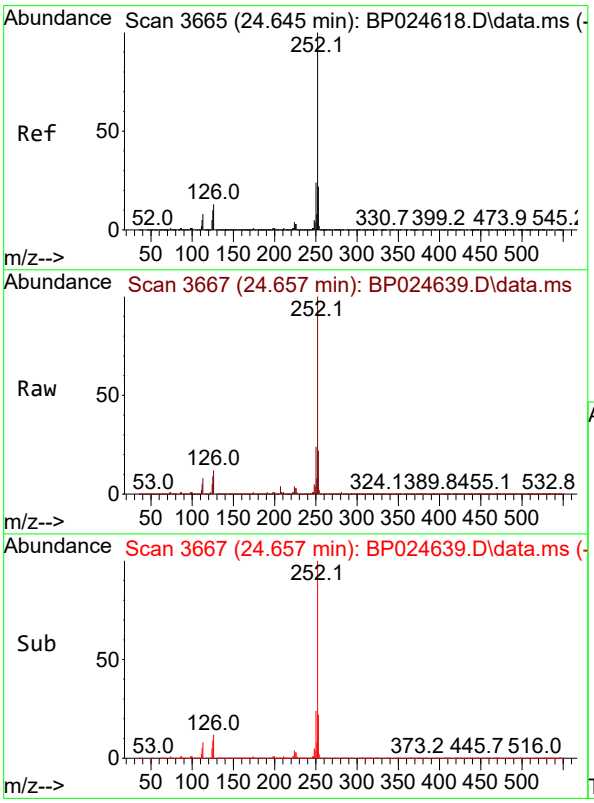
#89
Benzo(k)fluoranthene
Concen: 46.222 ng
RT: 23.845 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:252 Resp: 2478499

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	8.1	7.0	10.4

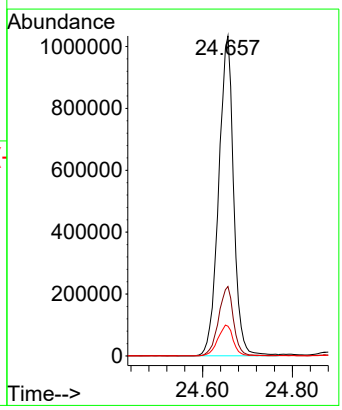


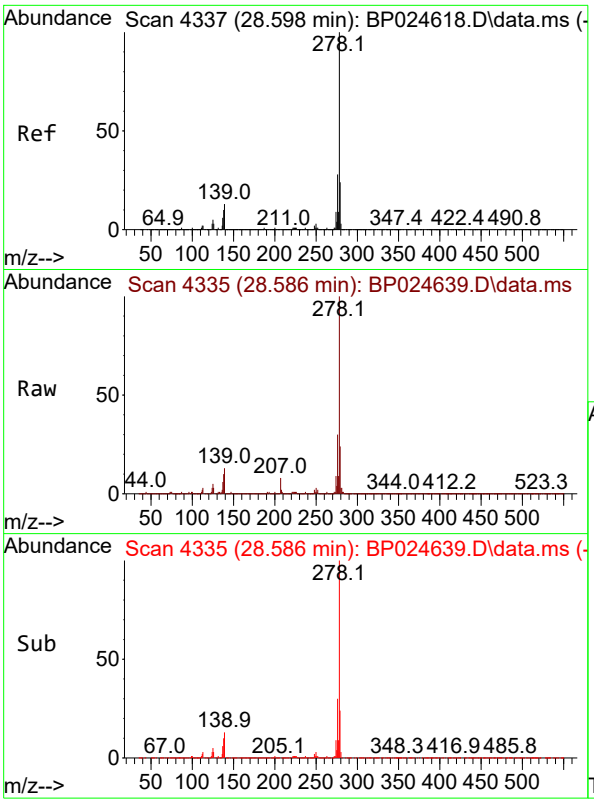


#90
Benzo(a)pyrene
Concen: 47.980 ng
RT: 24.657 min Scan# 3667
Delta R.T. 0.012 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:252 Resp: 2397923

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	9.3	8.1	12.1



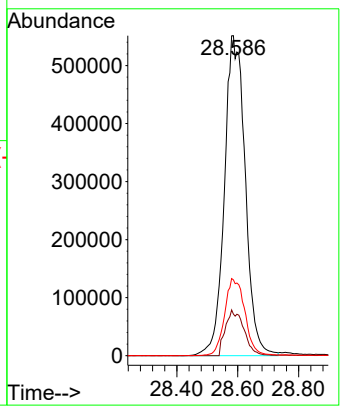


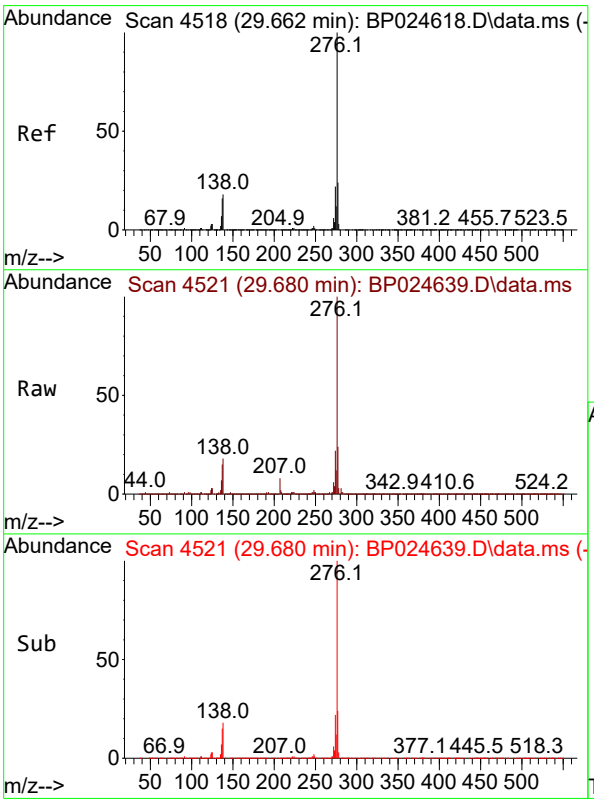
#91
Dibenzo(a,h)anthracene
Concen: 48.552 ng
RT: 28.586 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Tgt Ion:278 Resp: 2621583

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.2	15.4
279	23.7	19.0	28.4

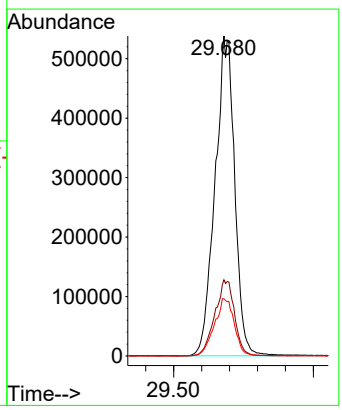




#92
Benzo(g,h,i)perylene
Concen: 48.888 ng
RT: 29.680 min Scan# 4521
Delta R.T. 0.018 min
Lab File: BP024639.D
Acq: 15 May 2025 15:59

Tgt Ion:276 Resp: 2625102

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	17.9	14.4	21.6



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Manual Integration Report

Sequence:	bf050525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF142296.D	4-Chloroaniline	Rahul	5/6/2025 9:54:09 AM	Jagrut	5/6/2025 10:53:06 AM	Peak Integrated by Software
SSTDICC005	BF142296.D	bis(2-Chloroethyl)ether	Rahul	5/6/2025 9:54:09 AM	Jagrut	5/6/2025 10:53:06 AM	Peak Integrated by Software
SSTDICC005	BF142296.D	Pyridine	Rahul	5/6/2025 9:54:09 AM	Jagrut	5/6/2025 10:53:06 AM	Peak Integrated by Software
SSTDICC010	BF142297.D	4-Chloroaniline	Rahul	5/6/2025 9:54:13 AM	Jagrut	5/6/2025 10:53:10 AM	Peak Integrated by Software
SSTDICC010	BF142297.D	Benzoic acid	Rahul	5/6/2025 9:54:13 AM	Jagrut	5/6/2025 10:53:10 AM	Peak Integrated by Software
SSTDICC010	BF142297.D	bis(2-Chloroethyl)ether	Rahul	5/6/2025 9:54:13 AM	Jagrut	5/6/2025 10:53:10 AM	Peak Integrated by Software
SSTDICC020	BF142298.D	4-Chloroaniline	Rahul	5/6/2025 9:54:17 AM	Jagrut	5/6/2025 10:53:16 AM	Peak Integrated by Software
SSTDICC020	BF142298.D	Benzoic acid	Rahul	5/6/2025 9:54:17 AM	Jagrut	5/6/2025 10:53:16 AM	Peak Integrated by Software
SSTDICCC040	BF142299.D	4-Chloroaniline	Rahul	5/6/2025 9:54:21 AM	Jagrut	5/6/2025 10:53:20 AM	Peak Integrated by Software
SSTDICCC040	BF142299.D	bis(2-Chloroethyl)ether	Rahul	5/6/2025 9:54:21 AM	Jagrut	5/6/2025 10:53:20 AM	Peak Integrated by Software
SSTDICCC040	BF142299.D	Phenol	Rahul	5/6/2025 9:54:21 AM	Jagrut	5/6/2025 10:53:20 AM	Peak Integrated by Software
SSTDICC050	BF142300.D	4-Chloroaniline	Rahul	5/6/2025 9:54:25 AM	Jagrut	5/6/2025 10:53:28 AM	Peak Integrated by Software
SSTDICC050	BF142300.D	Benzoic acid	Rahul	5/6/2025 9:54:25 AM	Jagrut	5/6/2025 10:53:28 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf050525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC050	BF142300.D	bis(2-Chloroethyl)ether	Rahul	5/6/2025 9:54:25 AM	Jagrut	5/6/2025 10:53:28 AM	Peak Integrated by Software
SSTDICC050	BF142300.D	Phenol	Rahul	5/6/2025 9:54:25 AM	Jagrut	5/6/2025 10:53:28 AM	Peak Integrated by Software
SSTDICC060	BF142301.D	4-Chloroaniline	Rahul	5/6/2025 9:54:28 AM	Jagrut	5/6/2025 10:53:32 AM	Peak Integrated by Software
SSTDICC060	BF142301.D	Benzoic acid	Rahul	5/6/2025 9:54:28 AM	Jagrut	5/6/2025 10:53:32 AM	Peak Integrated by Software
SSTDICC060	BF142301.D	bis(2-Chloroethyl)ether	Rahul	5/6/2025 9:54:28 AM	Jagrut	5/6/2025 10:53:32 AM	Peak Integrated by Software
SSTDICC060	BF142301.D	Phenol	Rahul	5/6/2025 9:54:28 AM	Jagrut	5/6/2025 10:53:32 AM	Peak Integrated by Software
SSTDICC080	BF142302.D	4-Chloroaniline	Rahul	5/6/2025 9:54:34 AM	Jagrut	5/6/2025 10:53:38 AM	Peak Integrated by Software
SSTDICC080	BF142302.D	Benzoic acid	Rahul	5/6/2025 9:54:34 AM	Jagrut	5/6/2025 10:53:38 AM	Peak Integrated by Software
SSTDICC080	BF142302.D	bis(2-Chloroethyl)ether	Rahul	5/6/2025 9:54:34 AM	Jagrut	5/6/2025 10:53:38 AM	Peak Integrated by Software
SSTDICC080	BF142302.D	Caprolactam	Rahul	5/6/2025 9:54:34 AM	Jagrut	5/6/2025 10:53:38 AM	Peak Integrated by Software
SSTDICC080	BF142302.D	Phenol	Rahul	5/6/2025 9:54:34 AM	Jagrut	5/6/2025 10:53:38 AM	Peak Integrated by Software
SSTDICV040	BF142303.D	4-Chloroaniline	Rahul	5/6/2025 9:54:37 AM	Jagrut	5/6/2025 10:53:42 AM	Peak Integrated by Software
SSTDICV040	BF142303.D	Benzoic acid	Rahul	5/6/2025 9:54:37 AM	Jagrut	5/6/2025 10:53:42 AM	Peak Integrated by Software

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Sequence:	bf050525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICV040	BF142303.D	bis(2-Chloroethyl)ether	Rahul	5/6/2025 9:54:37 AM	Jagrut	5/6/2025 10:53:42 AM	Peak Integrated by Software
SSTDICV040	BF142303.D	Phenol	Rahul	5/6/2025 9:54:37 AM	Jagrut	5/6/2025 10:53:42 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf051425	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF142360.D	4-Chloroaniline	Rahul	5/15/2025 9:03:38 AM	Jagrut	5/15/2025 3:44:44 PM	Peak Integrated by Software
Q1982-03MS	BF142366.D	Benzoic acid	Rahul	5/15/2025 9:03:43 AM	Jagrut	5/15/2025 3:44:51 PM	Peak Integrated by Software
Q1982-03MS	BF142366.D	Caprolactam	Rahul	5/15/2025 9:03:43 AM	Jagrut	5/15/2025 3:44:51 PM	Peak Integrated by Software
Q1982-03MSD	BF142367.D	Caprolactam	Rahul	5/15/2025 9:03:47 AM	Jagrut	5/15/2025 3:45:02 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF051525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF142384.D	4-Chloroaniline	Rahul	5/16/2025 12:18:47 PM	Jagrut	5/16/2025 5:46:51 PM	Peak Integrated by Software
Q1982-04	BF142413.D	Benzo(b)fluoranthene	Rahul	5/16/2025 12:19:22 PM	Jagrut	5/16/2025 5:48:01 PM	Peak Integrated by Software
Q1982-04	BF142413.D	Benzo(k)fluoranthene	Rahul	5/16/2025 12:19:22 PM	Jagrut	5/16/2025 5:48:01 PM	Peak Integrated by Software
Q1982-04	BF142413.D	Indeno(1,2,3-cd)pyrene	Rahul	5/16/2025 12:19:22 PM	Jagrut	5/16/2025 5:48:01 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF051625	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF142416.D	4-Chloroaniline	Rahul	5/19/2025 1:41:33 PM	Jagrut	5/19/2025 5:03:57 PM	Peak Integrated by Software
PB167953BS	BF142419.D	4-Chloroaniline	Rahul	5/19/2025 1:41:39 PM	Jagrut	5/19/2025 5:04:02 PM	Peak Integrated by Software
PB167953BS	BF142419.D	Caprolactam	Rahul	5/19/2025 1:41:39 PM	Jagrut	5/19/2025 5:04:02 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP051325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024615.D	4-Nitroaniline	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC005	BP024615.D	Benzaldehyde	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC005	BP024615.D	Caprolactam	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	4-Nitroaniline	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzaldehyde	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzidine	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzoic acid	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Caprolactam	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Pentachlorophenol	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Benzaldehyde	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Benzoic acid	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICCC040	BP024618.D	Benzaldehyde	Rahul	5/14/2025 2:19:48 PM	Jagrut	5/14/2025 5:16:12 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP051325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICCC040	BP024618.D	Benzoic acid	Rahul	5/14/2025 2:19:48 PM	Jagrut	5/14/2025 5:16:12 PM	Peak Integrated by Software
SSTDICC080	BP024621.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:51 PM	Jagrut	5/14/2025 5:16:14 PM	Peak Integrated by Software
SSTDICV040	BP024622.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:57 PM	Jagrut	5/14/2025 5:16:17 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP051525	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB167973BS	BP024636.D	Indeno(1,2,3-cd)pyrene	Rahul	5/16/2025 1:10:20 PM	Jagrut	5/16/2025 5:49:16 PM	Peak Integrated by Software
Q2010-02MSD	BP024639.D	Caprolactam	Rahul	5/16/2025 1:10:23 PM	Jagrut	5/16/2025 5:49:19 PM	Peak Integrated by Software
Q1982-08	BP024647.D	Chrysene	Rahul	5/16/2025 1:10:29 PM	Jagrut	5/16/2025 5:49:24 PM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF050525

Review By	Rahul	Review On	5/6/2025 9:56:17 AM				
Supervise By	Jagrut	Supervise On	5/6/2025 10:53:56 AM				
SubDirectory	BF050525	HP Acquire Method	BNA_F		HP Processing Method	bf050525	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142294.D	05 May 2025 13:24	RC/JU	Ok
2	SSTDICC2.5	BF142295.D	05 May 2025 13:54	RC/JU	Ok
3	SSTDICC005	BF142296.D	05 May 2025 14:23	RC/JU	Ok,M
4	SSTDICC010	BF142297.D	05 May 2025 14:52	RC/JU	Ok,M
5	SSTDICC020	BF142298.D	05 May 2025 15:21	RC/JU	Ok,M
6	SSTDICCC040	BF142299.D	05 May 2025 15:50	RC/JU	Ok,M
7	SSTDICC050	BF142300.D	05 May 2025 16:18	RC/JU	Ok,M
8	SSTDICC060	BF142301.D	05 May 2025 16:47	RC/JU	Ok,M
9	SSTDICC080	BF142302.D	05 May 2025 17:15	RC/JU	Ok,M
10	SSTDICV040	BF142303.D	05 May 2025 18:13	RC/JU	Ok,M
11	PB167836BL	BF142304.D	05 May 2025 18:41	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051425

Review By	Rahul	Review On	5/15/2025 9:21:42 AM				
Supervise By	Jagrut	Supervise On	5/15/2025 3:45:47 PM				
SubDirectory	BF051425	HP Acquire Method	BNA_F		HP Processing Method	bf050525	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142359.D	14 May 2025 11:22	RC/JU	Ok
2	SSTDCCC040	BF142360.D	14 May 2025 12:19	RC/JU	Ok,M
3	PB167929BL	BF142361.D	14 May 2025 12:51	RC/JU	Ok
4	PB167929BS	BF142362.D	14 May 2025 13:20	RC/JU	Ok,M
5	Q2004-01	BF142363.D	14 May 2025 13:54	RC/JU	Ok
6	Q1982-01	BF142364.D	14 May 2025 14:23	RC/JU	Ok
7	Q1982-03	BF142365.D	14 May 2025 14:51	RC/JU	Ok
8	Q1982-03MS	BF142366.D	14 May 2025 15:20	RC/JU	Ok,M
9	Q1982-03MSD	BF142367.D	14 May 2025 15:48	RC/JU	Ok,M
10	Q2014-03	BF142368.D	14 May 2025 16:17	RC/JU	Ok
11	Q2004-03	BF142369.D	14 May 2025 16:46	RC/JU	Ok
12	Q2017-04	BF142370.D	14 May 2025 17:15	RC/JU	Ok
13	Q2001-03	BF142371.D	14 May 2025 17:44	RC/JU	Ok
14	Q2001-03MS	BF142372.D	14 May 2025 18:12	RC/JU	Ok,M
15	Q2001-03MSD	BF142373.D	14 May 2025 18:41	RC/JU	Ok,M
16	Q2001-07	BF142374.D	14 May 2025 19:10	RC/JU	Ok
17	Q2001-11	BF142375.D	14 May 2025 19:39	RC/JU	Ok
18	Q2001-15	BF142376.D	14 May 2025 20:08	RC/JU	Ok
19	Q2017-08	BF142377.D	14 May 2025 20:37	RC/JU	Ok
20	Q1982-02	BF142378.D	14 May 2025 21:06	RC/JU	Ok
21	Q2004-09	BF142379.D	14 May 2025 21:35	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051425

Review By	Rahul	Review On	5/15/2025 9:21:42 AM		
Supervise By	Jagrut	Supervise On	5/15/2025 3:45:47 PM		
SubDirectory	BF051425	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2017-01	BF142380.D	14 May 2025 22:03	RC/JU	Ok
23	Q2017-05	BF142381.D	14 May 2025 22:32	RC/JU	Ok
24	Q2005-01	BF142382.D	14 May 2025 23:00	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051525

Review By	Rahul	Review On	5/16/2025 2:19:49 PM				
Supervise By	Jagrut	Supervise On	5/16/2025 5:48:19 PM				
SubDirectory	BF051525	HP Acquire Method	BNA_F			HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142383.D	15 May 2025 09:09	RC/JU	Ok
2	SSTDCCC040	BF142384.D	15 May 2025 10:08	RC/JU	Ok,M
3	PB167951BL	BF142385.D	15 May 2025 10:37	RC/JU	Ok
4	PB167951BS	BF142386.D	15 May 2025 11:06	RC/JU	Ok,M
5	Q1985-01	BF142387.D	15 May 2025 11:49	RC/JU	Ok
6	Q1993-02MS	BF142388.D	15 May 2025 12:18	RC/JU	Ok,M
7	Q1993-03MSD	BF142389.D	15 May 2025 12:47	RC/JU	Ok,M
8	Q1983-07	BF142390.D	15 May 2025 13:24	RC/JU	Ok,M
9	SSTDCCC040	BF142391.D	15 May 2025 13:58	RC/JU	Ok
10	DFTPP	BF142392.D	15 May 2025 14:27	RC/JU	Ok
11	SSTDCCC040	BF142393.D	15 May 2025 15:41	RC/JU	Ok
12	PB167953BL	BF142394.D	15 May 2025 16:10	RC/JU	Ok
13	Q2023-01	BF142395.D	15 May 2025 16:43	RC/JU	Ok
14	Q2022-01	BF142396.D	15 May 2025 17:12	RC/JU	Ok
15	Q2010-03	BF142397.D	15 May 2025 17:42	RC/JU	Ok
16	Q2010-04	BF142398.D	15 May 2025 18:11	RC/JU	Ok
17	Q1982-06	BF142399.D	15 May 2025 18:40	RC/JU	Ok
18	Q2022-04	BF142400.D	15 May 2025 19:09	RC/JU	Ok
19	Q2022-04MS	BF142401.D	15 May 2025 19:38	RC/JU	Ok,M
20	Q2022-04MSD	BF142402.D	15 May 2025 20:07	RC/JU	Ok,M
21	Q2014-05	BF142403.D	15 May 2025 20:36	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051525

Review By	Rahul	Review On	5/16/2025 2:19:49 PM		
Supervise By	Jagrut	Supervise On	5/16/2025 5:48:19 PM		
SubDirectory	BF051525	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2022-02	BF142404.D	15 May 2025 21:05	RC/JU	Ok,M
23	Q2019-01	BF142405.D	15 May 2025 21:34	RC/JU	Ok
24	Q1982-07	BF142406.D	15 May 2025 22:04	RC/JU	Ok
25	Q2038-01	BF142407.D	15 May 2025 22:33	RC/JU	Dilution
26	Q1982-05	BF142408.D	15 May 2025 23:01	RC/JU	Ok
27	Q2014-01	BF142409.D	15 May 2025 23:31	RC/JU	Ok
28	Q2020-01	BF142410.D	15 May 2025 23:59	RC/JU	Ok
29	Q2024-01	BF142411.D	16 May 2025 00:28	RC/JU	Ok,M
30	Q2010-01	BF142412.D	16 May 2025 00:58	RC/JU	Ok,M
31	Q1982-04	BF142413.D	16 May 2025 01:27	RC/JU	Ok,M
32	Q2039-01	BF142414.D	16 May 2025 01:56	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051625

Review By	Rahul	Review On	5/19/2025 1:42:48 PM				
Supervise By	Jagrut	Supervise On	5/19/2025 5:04:42 PM				
SubDirectory	BF051625	HP Acquire Method	BNA_F		HP Processing Method	bf050525	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142415.D	16 May 2025 09:16	RC/JU	Ok
2	SSTDCCC040	BF142416.D	16 May 2025 09:45	RC/JU	Ok,M
3	PB168000BL	BF142417.D	16 May 2025 10:14	RC/JU	Ok
4	PB168000BS	BF142418.D	16 May 2025 10:43	RC/JU	Ok,M
5	PB167953BS	BF142419.D	16 May 2025 11:13	RC/JU	Ok,M
6	PB167970BL	BF142420.D	16 May 2025 11:42	RC/JU	Ok
7	PB167970BS	BF142421.D	16 May 2025 12:11	RC/JU	Ok,M
8	PB167943TB	BF142422.D	16 May 2025 12:40	RC/JU	Ok
9	Q2048-01	BF142423.D	16 May 2025 13:19	RC/JU	ReRun
10	Q2048-13	BF142424.D	16 May 2025 13:48	RC/JU	Ok
11	Q2048-05	BF142425.D	16 May 2025 14:17	RC/JU	Ok
12	Q2048-09	BF142426.D	16 May 2025 14:46	RC/JU	Ok
13	Q2034-01	BF142427.D	16 May 2025 15:16	RC/JU	Ok
14	Q2034-01MS	BF142428.D	16 May 2025 15:46	RC/JU	Ok
15	Q2034-01MSD	BF142429.D	16 May 2025 16:15	RC/JU	Ok
16	Q2038-01DL	BF142430.D	16 May 2025 16:44	RC/JU	Ok,M
17	Q2034-05	BF142431.D	16 May 2025 17:14	RC/JU	Ok,M
18	Q2034-17	BF142432.D	16 May 2025 17:43	RC/JU	Ok,M
19	Q2034-21	BF142433.D	16 May 2025 18:13	RC/JU	Ok,M
20	Q2034-09	BF142434.D	16 May 2025 18:42	RC/JU	Ok,M
21	Q2034-13	BF142435.D	16 May 2025 19:11	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051625

Review By	Rahul	Review On	5/19/2025 1:42:48 PM		
Supervise By	Jagrut	Supervise On	5/19/2025 5:04:42 PM		
SubDirectory	BF051625	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2055-01	BF142436.D	16 May 2025 19:40	RC/JU	Ok,M
23	Q2047-01	BF142437.D	16 May 2025 20:09	RC/JU	ReRun
24	Q2043-01	BF142438.D	16 May 2025 20:38	RC/JU	Ok,M
25	Q2043-03	BF142439.D	16 May 2025 21:08	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP051325

Review By	Rahul	Review On	5/14/2025 2:20:20 PM				
Supervise By	Jagrut	Supervise On	5/14/2025 5:16:42 PM				
SubDirectory	BP051325	HP Acquire Method	BNA_P		HP Processing Method	bp051325	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024613.D	13 May 2025 10:00	RC/JU	Ok
2	SSTDICC2.5	BP024614.D	13 May 2025 10:41	RC/JU	Ok
3	SSTDICC005	BP024615.D	13 May 2025 11:22	RC/JU	Ok,M
4	SSTDICC010	BP024616.D	13 May 2025 12:03	RC/JU	Ok,M
5	SSTDICC020	BP024617.D	13 May 2025 12:43	RC/JU	Ok,M
6	SSTDICCC040	BP024618.D	13 May 2025 13:24	RC/JU	Ok,M
7	SSTDICC050	BP024619.D	13 May 2025 14:05	RC/JU	Ok
8	SSTDICC060	BP024620.D	13 May 2025 14:45	RC/JU	Ok
9	SSTDICC080	BP024621.D	13 May 2025 15:26	RC/JU	Ok,M
10	SSTDICV040	BP024622.D	13 May 2025 17:01	RC/JU	Ok,M
11	PB167917TB	BP024623.D	13 May 2025 18:23	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP051525

Review By	Rahul	Review On	5/16/2025 2:18:41 PM				
Supervise By	Jagrut	Supervise On	5/16/2025 5:49:55 PM				
SubDirectory	BP051525	HP Acquire Method	BNA_P		HP Processing Method	BP051325	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024633.D	15 May 2025 11:44	RC/JU	Ok
2	SSTDCCC040	BP024634.D	15 May 2025 12:25	RC/JU	Ok
3	PB167973BL	BP024635.D	15 May 2025 13:05	RC/JU	Ok
4	PB167973BS	BP024636.D	15 May 2025 13:53	RC/JU	Ok,M
5	Q2010-02	BP024637.D	15 May 2025 14:38	RC/JU	Ok
6	Q2010-02MS	BP024638.D	15 May 2025 15:18	RC/JU	Ok
7	Q2010-02MSD	BP024639.D	15 May 2025 15:59	RC/JU	Ok,M
8	Q1984-01	BP024640.D	15 May 2025 16:40	RC/JU	Ok
9	Q1984-03	BP024641.D	15 May 2025 17:21	RC/JU	ReRun
10	Q1984-05	BP024642.D	15 May 2025 18:01	RC/JU	Ok
11	Q1984-09	BP024643.D	15 May 2025 18:42	RC/JU	ReRun
12	Q1984-11	BP024644.D	15 May 2025 19:23	RC/JU	Ok
13	Q1984-13	BP024645.D	15 May 2025 20:04	RC/JU	ReRun
14	Q1984-15	BP024646.D	15 May 2025 20:45	RC/JU	Ok
15	Q1982-08	BP024647.D	15 May 2025 21:25	RC/JU	Ok,M
16	Q1984-07	BP024648.D	15 May 2025 22:06	RC/JU	Ok
17	SSTDCCC040	BP024649.D	15 May 2025 23:28	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF050525

Review By	Rahul	Review On	5/6/2025 9:56:17 AM		
Supervise By	Jagrut	Supervise On	5/6/2025 10:53:56 AM		
SubDirectory	BF050525	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142294.D	05 May 2025 13:24		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF142295.D	05 May 2025 13:54		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF142296.D	05 May 2025 14:23	Compound#32-54-65-77-85 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF142297.D	05 May 2025 14:52		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF142298.D	05 May 2025 15:21		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF142299.D	05 May 2025 15:50	Compound#26-54-65-80-84-85 kept on LR & #32 kept on QR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF142300.D	05 May 2025 16:18		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF142301.D	05 May 2025 16:47		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF142302.D	05 May 2025 17:15	Compound#9 removed from 80 ppm	RC/JU	Ok,M
10	SSTDICV040	ICVBF050525	BF142303.D	05 May 2025 18:13		RC/JU	Ok,M
11	PB167836BL	PB167836BL	BF142304.D	05 May 2025 18:41	Analyzed for contamination check.	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051425

Review By	Rahul	Review On	5/15/2025 9:21:42 AM		
Supervise By	Jagrut	Supervise On	5/15/2025 3:45:47 PM		
SubDirectory	BF051425	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142359.D	14 May 2025 11:22		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142360.D	14 May 2025 12:19		RC/JU	Ok,M
3	PB167929BL	PB167929BL	BF142361.D	14 May 2025 12:51		RC/JU	Ok
4	PB167929BS	PB167929BS	BF142362.D	14 May 2025 13:20		RC/JU	Ok,M
5	Q2004-01	VNJ-220	BF142363.D	14 May 2025 13:54		RC/JU	Ok
6	Q1982-01	TP-1	BF142364.D	14 May 2025 14:23		RC/JU	Ok
7	Q1982-03	TP-3	BF142365.D	14 May 2025 14:51		RC/JU	Ok
8	Q1982-03MS	TP-3MS	BF142366.D	14 May 2025 15:20		RC/JU	Ok,M
9	Q1982-03MSD	TP-3MSD	BF142367.D	14 May 2025 15:48		RC/JU	Ok,M
10	Q2014-03	MOO-25-0145	BF142368.D	14 May 2025 16:17		RC/JU	Ok
11	Q2004-03	2811	BF142369.D	14 May 2025 16:46		RC/JU	Ok
12	Q2017-04	MH-I	BF142370.D	14 May 2025 17:15		RC/JU	Ok
13	Q2001-03	WC-A4-03-C	BF142371.D	14 May 2025 17:44		RC/JU	Ok
14	Q2001-03MS	WC-A4-03-CMS	BF142372.D	14 May 2025 18:12		RC/JU	Ok,M
15	Q2001-03MSD	WC-A4-03-CMSD	BF142373.D	14 May 2025 18:41		RC/JU	Ok,M
16	Q2001-07	WC-A1-05-C	BF142374.D	14 May 2025 19:10		RC/JU	Ok
17	Q2001-11	WC-A1-06-C	BF142375.D	14 May 2025 19:39		RC/JU	Ok
18	Q2001-15	WC-A1-07-C	BF142376.D	14 May 2025 20:08		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051425

Review By	Rahul	Review On	5/15/2025 9:21:42 AM		
Supervise By	Jagrut	Supervise On	5/15/2025 3:45:47 PM		
SubDirectory	BF051425	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2017-08	MH-J	BF142377.D	14 May 2025 20:37		RC/JU	Ok
20	Q1982-02	TP-2B	BF142378.D	14 May 2025 21:06		RC/JU	Ok
21	Q2004-09	SOIL-STOCK	BF142379.D	14 May 2025 21:35		RC/JU	Ok
22	Q2017-01	MH-I	BF142380.D	14 May 2025 22:03		RC/JU	Ok
23	Q2017-05	MH-J	BF142381.D	14 May 2025 22:32		RC/JU	Ok
24	Q2005-01	252806	BF142382.D	14 May 2025 23:00	Internal Standard Fail	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051525

Review By	Rahul	Review On	5/16/2025 2:19:49 PM		
Supervise By	Jagrut	Supervise On	5/16/2025 5:48:19 PM		
SubDirectory	BF051525	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142383.D	15 May 2025 09:09		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142384.D	15 May 2025 10:08		RC/JU	Ok,M
3	PB167951BL	PB167951BL	BF142385.D	15 May 2025 10:37		RC/JU	Ok
4	PB167951BS	PB167951BS	BF142386.D	15 May 2025 11:06		RC/JU	Ok,M
5	Q1985-01	RW8-BW-20250507	BF142387.D	15 May 2025 11:49		RC/JU	Ok
6	Q1993-02MS	MW-3-20250508MS	BF142388.D	15 May 2025 12:18		RC/JU	Ok,M
7	Q1993-03MSD	MW-3-20250508MSD	BF142389.D	15 May 2025 12:47		RC/JU	Ok,M
8	Q1983-07	OR-636-COMP-02	BF142390.D	15 May 2025 13:24		RC/JU	Ok,M
9	SSTDCCC040	SSTDCCC040EC	BF142391.D	15 May 2025 13:58		RC/JU	Ok
10	DFTPP	DFTPP	BF142392.D	15 May 2025 14:27		RC/JU	Ok
11	SSTDCCC040	SSTDCCC040	BF142393.D	15 May 2025 15:41		RC/JU	Ok
12	PB167953BL	PB167953BL	BF142394.D	15 May 2025 16:10		RC/JU	Ok
13	Q2023-01	HEATER-PAD	BF142395.D	15 May 2025 16:43		RC/JU	Ok
14	Q2022-01	336	BF142396.D	15 May 2025 17:12		RC/JU	Ok
15	Q2010-03	TP-14	BF142397.D	15 May 2025 17:42		RC/JU	Ok
16	Q2010-04	TP-17	BF142398.D	15 May 2025 18:11		RC/JU	Ok
17	Q1982-06	TP-6	BF142399.D	15 May 2025 18:40		RC/JU	Ok
18	Q2022-04	COMP-2	BF142400.D	15 May 2025 19:09		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051525

Review By	Rahul	Review On	5/16/2025 2:19:49 PM		
Supervise By	Jagrut	Supervise On	5/16/2025 5:48:19 PM		
SubDirectory	BF051525	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2022-04MS	COMP-2MS	BF142401.D	15 May 2025 19:38		RC/JU	Ok,M
20	Q2022-04MSD	COMP-2MSD	BF142402.D	15 May 2025 20:07		RC/JU	Ok,M
21	Q2014-05	MOO-25-0148	BF142403.D	15 May 2025 20:36		RC/JU	Ok
22	Q2022-02	COMP-1	BF142404.D	15 May 2025 21:05		RC/JU	Ok,M
23	Q2019-01	MH-K	BF142405.D	15 May 2025 21:34		RC/JU	Ok
24	Q1982-07	TP-8	BF142406.D	15 May 2025 22:04		RC/JU	Ok
25	Q2038-01	72-11991	BF142407.D	15 May 2025 22:33	Need 5X Dilution	RC/JU	Dilution
26	Q1982-05	TP-5	BF142408.D	15 May 2025 23:01		RC/JU	Ok
27	Q2014-01	MOO-25-0134	BF142409.D	15 May 2025 23:31	Internal Standard Fail	RC/JU	Ok
28	Q2020-01	TP-A	BF142410.D	15 May 2025 23:59		RC/JU	Ok
29	Q2024-01	PL-02-051325	BF142411.D	16 May 2025 00:28		RC/JU	Ok,M
30	Q2010-01	TP-10	BF142412.D	16 May 2025 00:58		RC/JU	Ok,M
31	Q1982-04	TP-4	BF142413.D	16 May 2025 01:27		RC/JU	Ok,M
32	Q2039-01	TR-05-05142025	BF142414.D	16 May 2025 01:56		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051625

Review By	Rahul	Review On	5/19/2025 1:42:48 PM		
Supervise By	Jagrut	Supervise On	5/19/2025 5:04:42 PM		
SubDirectory	BF051625	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142415.D	16 May 2025 09:16		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142416.D	16 May 2025 09:45		RC/JU	Ok,M
3	PB168000BL	PB168000BL	BF142417.D	16 May 2025 10:14		RC/JU	Ok
4	PB168000BS	PB168000BS	BF142418.D	16 May 2025 10:43		RC/JU	Ok,M
5	PB167953BS	PB167953BS	BF142419.D	16 May 2025 11:13		RC/JU	Ok,M
6	PB167970BL	PB167970BL	BF142420.D	16 May 2025 11:42		RC/JU	Ok
7	PB167970BS	PB167970BS	BF142421.D	16 May 2025 12:11		RC/JU	Ok,M
8	PB167943TB	PB167943TB	BF142422.D	16 May 2025 12:40		RC/JU	Ok
9	Q2048-01	L2-WC-1	BF142423.D	16 May 2025 13:19	Internal Standard Fail	RC/JU	ReRun
10	Q2048-13	L2-WC-4	BF142424.D	16 May 2025 13:48		RC/JU	Ok
11	Q2048-05	L2-WC-2	BF142425.D	16 May 2025 14:17		RC/JU	Ok
12	Q2048-09	L2-WC-3	BF142426.D	16 May 2025 14:46		RC/JU	Ok
13	Q2034-01	L3-WC-1	BF142427.D	16 May 2025 15:16		RC/JU	Ok
14	Q2034-01MS	L3-WC-1MS	BF142428.D	16 May 2025 15:46		RC/JU	Ok
15	Q2034-01MSD	L3-WC-1MSD	BF142429.D	16 May 2025 16:15		RC/JU	Ok
16	Q2038-01DL	72-11991DL	BF142430.D	16 May 2025 16:44		RC/JU	Ok,M
17	Q2034-05	L3-WC-2	BF142431.D	16 May 2025 17:14		RC/JU	Ok,M
18	Q2034-17	L3-WC-5	BF142432.D	16 May 2025 17:43		RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051625

Review By	Rahul	Review On	5/19/2025 1:42:48 PM		
Supervise By	Jagrut	Supervise On	5/19/2025 5:04:42 PM		
SubDirectory	BF051625	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2034-21	L3-WC-6	BF142433.D	16 May 2025 18:13		RC/JU	Ok,M
20	Q2034-09	L3-WC-3	BF142434.D	16 May 2025 18:42		RC/JU	Ok,M
21	Q2034-13	L3-WC-4	BF142435.D	16 May 2025 19:11		RC/JU	Ok
22	Q2055-01	OR-02-051525	BF142436.D	16 May 2025 19:40		RC/JU	Ok,M
23	Q2047-01	SU-04-051425	BF142437.D	16 May 2025 20:09	Internal Standard Fail	RC/JU	ReRun
24	Q2043-01	281	BF142438.D	16 May 2025 20:38	Internal Standard Fail	RC/JU	Ok,M
25	Q2043-03	72-12000	BF142439.D	16 May 2025 21:08	Internal Standard Fail	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP051325

Review By	Rahul	Review On	5/14/2025 2:20:20 PM		
Supervise By	Jagrut	Supervise On	5/14/2025 5:16:42 PM		
SubDirectory	BP051325	HP Acquire Method	BNA_P	HP Processing Method	bp051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024613.D	13 May 2025 10:00		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024614.D	13 May 2025 10:41		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024615.D	13 May 2025 11:22	Compound#32-54-56-65-77 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024616.D	13 May 2025 12:03		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP024617.D	13 May 2025 12:43		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP024618.D	13 May 2025 13:24	Compound#32-54-56 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP024619.D	13 May 2025 14:05		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BP024620.D	13 May 2025 14:45		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP024621.D	13 May 2025 15:26		RC/JU	Ok,M
10	SSTDICV040	ICVBP051325	BP024622.D	13 May 2025 17:01		RC/JU	Ok,M
11	PB167917TB	PB167917TB	BP024623.D	13 May 2025 18:23		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP051525

Review By	Rahul	Review On	5/16/2025 2:18:41 PM		
Supervise By	Jagrut	Supervise On	5/16/2025 5:49:55 PM		
SubDirectory	BP051525	HP Acquire Method	BNA_P	HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024633.D	15 May 2025 11:44		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024634.D	15 May 2025 12:25		RC/JU	Ok
3	PB167973BL	PB167973BL	BP024635.D	15 May 2025 13:05		RC/JU	Ok
4	PB167973BS	PB167973BS	BP024636.D	15 May 2025 13:53		RC/JU	Ok,M
5	Q2010-02	TP-13	BP024637.D	15 May 2025 14:38		RC/JU	Ok
6	Q2010-02MS	TP-13MS	BP024638.D	15 May 2025 15:18		RC/JU	Ok
7	Q2010-02MSD	TP-13MSD	BP024639.D	15 May 2025 15:59		RC/JU	Ok,M
8	Q1984-01	OU4-PCS-TC-33-05072	BP024640.D	15 May 2025 16:40		RC/JU	Ok
9	Q1984-03	OU4-PCS-TC-34-05072	BP024641.D	15 May 2025 17:21	Surrogate Fail - RE EXTRACTION.	RC/JU	ReRun
10	Q1984-05	OU4-PCS-TC-35-05072	BP024642.D	15 May 2025 18:01		RC/JU	Ok
11	Q1984-09	OU4-TS-25-050725	BP024643.D	15 May 2025 18:42	Surrogate Fail - RE EXTRACTION.	RC/JU	ReRun
12	Q1984-11	OU4-TS-26-050725	BP024644.D	15 May 2025 19:23		RC/JU	Ok
13	Q1984-13	OU4-TS-27-050725	BP024645.D	15 May 2025 20:04	Surrogate Fail - RE EXTRACTION.	RC/JU	ReRun
14	Q1984-15	OU4-TS-28-050725	BP024646.D	15 May 2025 20:45		RC/JU	Ok
15	Q1982-08	TP-9	BP024647.D	15 May 2025 21:25		RC/JU	Ok,M
16	Q1984-07	OU4-TS-24-050725	BP024648.D	15 May 2025 22:06		RC/JU	Ok
17	SSTDCCC040	SSTDCCC040EC	BP024649.D	15 May 2025 23:28		RC/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP051525

Review By	Rahul	Review On	5/16/2025 2:18:41 PM		
Supervise By	Jagrut	Supervise On	5/16/2025 5:49:55 PM		
SubDirectory	BP051525	HP Acquire Method	BNA_P	HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 5/9/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:20
In Date: 05/08/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 05/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135705

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1929-14	WC-A4-02-C	1	1.15	10.65	11.8	10.38	86.7	
Q1929-15	WC-A1-03-C	2	1.18	10.06	11.24	9.00	77.7	
Q1929-16	WC-A1-04-C	3	1.17	10.24	11.41	9.52	81.5	
Q1982-01	TP-1	4	1.15	10.33	11.48	9.51	80.9	
Q1982-02	TP-2B	5	1.18	10.20	11.38	9.85	85.0	
Q1982-03	TP-3	6	1.18	10.54	11.72	10.74	90.7	
Q1982-04	TP-4	7	1.19	10.07	11.26	9.99	87.4	
Q1982-05	TP-5	8	1.18	10.08	11.26	10.24	89.9	
Q1982-06	TP-6	9	1.16	10.74	11.9	10.42	86.2	
Q1982-07	TP-7	10	1.19	10.23	11.42	9.75	83.7	
Q1982-08	TP-8	11	1.16	10.42	11.58	9.63	81.3	
Q1983-01	OR-636-COMP-01	12	1.16	10.07	11.23	10.1	88.8	
Q1983-02	OR-636-VOC-01	13	1.18	10.23	11.41	9.74	83.7	
Q1983-03	OR-636-01	14	1.16	9.92	11.08	9.73	86.4	
Q1983-04	OR-636-02	15	1.19	10.30	11.49	10.15	87.0	
Q1983-05	OR-636-03	16	1.15	9.56	10.71	9.77	90.2	
Q1983-07	OR-636-COMP-02	17	1.17	10.61	11.78	10.6	88.9	
Q1983-08	OR-636-VOC-02	18	1.12	10.72	11.84	10.58	88.2	
Q1983-09	OR-636-04	19	1.17	10.05	11.22	9.89	86.8	
Q1983-10	OR-636-05	20	1.19	10.59	11.78	10.78	90.6	
Q1983-11	OR-636-06	21	1.18	10.14	11.32	10.02	87.2	
Q1983-13	OR-636-COMP-03	22	1.14	10.30	11.44	10.75	93.3	
Q1983-14	OR-636-VOC-03	23	1.15	10.36	11.51	10.61	91.3	
Q1983-15	OR-636-07	24	1.16	10.64	11.8	11.39	96.1	
Q1983-16	OR-636-08	25	1.14	10.73	11.87	10.89	90.9	
Q1983-17	OR-636-09	26	1.18	10.44	11.62	10.74	91.6	
Q1983-19	OR-636-COMP-04	27	1.18	10.81	11.99	11.05	91.3	
Q1983-20	OR-636-VOC-04	28	1.15	10.33	11.48	9.6	81.8	

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 5/9/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:20
In Date: 05/08/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 05/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135705

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1983-21	OR-636-10	29	1.19	10.51	11.7	10.72	90.7	
Q1983-22	OR-636-11	30	1.19	10.59	11.78	10.5	87.9	
Q1983-23	OR-636-12	31	1.15	10.43	11.58	9.76	82.6	
Q1983-25	OR-636-COMP-05	32	1.17	9.97	11.14	9.07	79.2	
Q1983-26	OR-636-VOC-05	33	1.16	10.04	11.2	9.08	78.9	
Q1983-27	OR-636-13	34	1.14	10.53	11.67	11.04	94.0	
Q1983-28	OR-636-14	35	1.15	10.52	11.67	10.00	84.1	
Q1983-29	OR-636-15	36	1.16	10.35	11.51	9.74	82.9	
Q1983-31	OR-636-COMP-06	37	1.15	9.84	10.99	9.52	85.1	
Q1983-32	OR-636-VOC-06	38	1.17	10.61	11.78	10.78	90.6	
Q1983-33	OR-636-16	39	1.19	9.73	10.92	10.4	94.7	
Q1983-34	OR-636-17	40	1.13	10.55	11.68	10.37	87.6	
Q1983-35	OR-636-18	41	1.18	10.15	11.33	9.59	82.9	
Q1983-37	OR-636-COMP-07	42	1.18	10.44	11.62	10.35	87.8	
Q1983-38	OR-636-VOC-07	43	1.12	10.77	11.89	10.88	90.6	
Q1983-39	OR-636-19	44	1.15	9.66	10.81	9.34	84.8	
Q1983-40	OR-636-20	45	1.18	10.29	11.47	10.21	87.8	
Q1983-41	OR-636-21	46	1.14	10.58	11.72	10.5	88.5	
Q1983-43	OR-636-COMP-08	47	1.15	10.25	11.4	10.45	90.7	
Q1983-44	OR-636-VOC-08	48	1.16	9.97	11.13	10.78	96.5	
Q1983-45	OR-636-22	49	1.13	10.62	11.75	10.91	92.1	
Q1983-46	OR-636-23	50	1.19	9.96	11.15	10.05	89.0	
Q1983-47	OR-636-24	51	1.13	10.33	11.46	11.18	97.3	
Q1983-49	OR-636-COMP-09	52	1.13	10.36	11.49	10.31	88.6	
Q1983-50	OR-636-VOC-09	53	1.19	10.54	11.73	10.1	84.5	
Q1983-51	OR-636-25	54	1.16	10.09	11.25	9.61	83.7	
Q1983-52	OR-636-26	55	1.18	10.11	11.29	9.93	86.5	
Q1983-53	OR-636-27	56	1.16	9.66	10.82	10.34	95.0	

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 5/9/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:20
In Date: 05/08/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 05/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135705

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1984-01	OU4-PCS-TC-33-050725	57	1.15	9.96	11.11	10.62	95.1	
Q1984-03	OU4-PCS-TC-34-050725	58	1.16	10.82	11.98	11.51	95.7	
Q1984-05	OU4-PCS-TC-35-050725	59	1.19	9.50	10.69	10.16	94.4	
Q1984-07	OU4-TS-24-050725	60	1.15	10.00	11.15	8.12	69.7	
Q1984-09	OU4-TS-25-050725	61	1.17	10.51	11.68	8.32	68.0	
Q1984-11	OU4-TS-26-050725	62	1.17	10.18	11.35	7.29	60.1	
Q1984-13	OU4-TS-27-050725	63	1.16	9.67	10.83	7.2	62.5	
Q1984-15	OU4-TS-28-050725	64	1.16	9.98	11.14	7.61	64.6	
Q1986-01	COMP-8	65	1.18	10.04	11.22	10.5	92.8	
Q1986-03	COMP-9	66	1.18	10.05	11.23	10.44	92.1	
Q1986-05	COMP-10	67	1.16	9.77	10.93	9.84	88.8	
Q1986-07	COMP-11	68	1.19	10.33	11.52	10.55	90.6	
Q1986-09	COMP-218	69	1.16	10.18	11.34	10.45	91.3	
Q1987-01	GC1	70	1.14	9.89	11.03	9.7	86.6	
Q1990-01	43025-A	71	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1990-02	43025-B	72	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1991-01	1217	73	1.00	1.00	2.00	2.00	100.0	oil sample
Q1991-03	30425	74	1.00	1.00	2.00	2.00	100.0	oil sample

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 135705

WorkList Name : %1-050825 **WorkList ID :** 189376 **Department :** Wet-Chemistry **Date :** 05-08-2025 08:10:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1929-14	WC-A4-02-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	L41	04/30/2025	Chemtech -SO
Q1929-15	WC-A1-03-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	L41	04/30/2025	Chemtech -SO
Q1929-16	WC-A1-04-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	L41	04/30/2025	Chemtech -SO
Q1982-01	TP-1	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/07/2025	Chemtech -SO
Q1982-02	TP-2B	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/07/2025	Chemtech -SO
Q1982-03	TP-3	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/07/2025	Chemtech -SO
Q1982-04	TP-4	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/07/2025	Chemtech -SO
Q1982-05	TP-5	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/07/2025	Chemtech -SO
Q1982-06	TP-6	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/07/2025	Chemtech -SO
Q1982-07	TP-7	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/07/2025	Chemtech -SO
Q1982-08	TP-8	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/07/2025	Chemtech -SO
Q1983-01	OR-636-COMP-01	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/07/2025	Chemtech -SO
Q1983-02	OR-636-VOC-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-03	OR-636-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-04	OR-636-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-05	OR-636-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-07	OR-636-COMP-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-08	OR-636-VOC-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-09	OR-636-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-10	OR-636-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-11	OR-636-06	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO

Date/Time 05108125 151.00

Raw Sample Received by: [illegible] (WQC)

Raw Sample Relinquished by: [signature]

Date/Time 05108125 1730

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [illegible] (WQC)

WORKLIST(Hardcopy Internal Chain)

NB 135705

WorkList Name : %1-050825 **WorkList ID :** 189376 **Department :** Wet-Chemistry **Date :** 05-08-2025 08:10:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1983-13	OR-636-COMP-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-14	OR-636-VOC-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-15	OR-636-07	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-16	OR-636-08	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-17	OR-636-09	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-19	OR-636-COMP-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-20	OR-636-VOC-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-21	OR-636-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-22	OR-636-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-23	OR-636-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-25	OR-636-COMP-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-26	OR-636-VOC-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-27	OR-636-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-28	OR-636-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-29	OR-636-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-31	OR-636-COMP-06	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-32	OR-636-VOC-06	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-33	OR-636-16	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-34	OR-636-17	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-35	OR-636-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-37	OR-636-COMP-07	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO

Date/Time 05/08/25 15:00

Raw Sample Received by: JB WOC

Raw Sample Relinquished by: CP

Date/Time 05/08/25 17:30

Raw Sample Received by: CP

Raw Sample Relinquished by: JB WOC

WORKLIST(Hardcopy Internal Chain)

135705

WorkList Name : %1-050825 **WorkList ID :** 189376 **Department :** Wet-Chemistry **Date :** 05-08-2025 08:10:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1983-38	OR-636-VOC-07	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-39	OR-636-19	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-40	OR-636-20	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-41	OR-636-21	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-43	OR-636-COMP-08	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-44	OR-636-VOC-08	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-45	OR-636-22	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-46	OR-636-23	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-47	OR-636-24	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-49	OR-636-COMP-09	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-50	OR-636-VOC-09	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-51	OR-636-25	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-52	OR-636-26	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1983-53	OR-636-27	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/07/2025	Chemtech -SO
Q1984-01	OU4-PCS-TC-33-050725	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	05/07/2025	Chemtech -SO
Q1984-03	OU4-PCS-TC-34-050725	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	05/07/2025	Chemtech -SO
Q1984-05	OU4-PCS-TC-35-050725	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	05/07/2025	Chemtech -SO
Q1984-07	OU4-TS-24-050725	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	05/07/2025	Chemtech -SO
Q1984-09	OU4-TS-25-050725	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	05/07/2025	Chemtech -SO
Q1984-11	OU4-TS-26-050725	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	05/07/2025	Chemtech -SO
Q1984-13	OU4-TS-27-050725	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	05/07/2025	Chemtech -SO

Date/Time 05/08/25 15:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 05/08/25 17:30

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

LB135705

WorkList Name : %1-050825 **WorkList ID :** 189376 **Department :** Wet-Chemistry **Date :** 05-08-2025 08:10:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1984-15	OU4-TS-28-050725	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	05/07/2025	Chemtech -SO
Q1986-01	COMP-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	L61	05/08/2025	Chemtech -SO
Q1986-03	COMP-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	L61	05/08/2025	Chemtech -SO
Q1986-05	COMP-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	L61	05/08/2025	Chemtech -SO
Q1986-07	COMP-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	L61	05/08/2025	Chemtech -SO
Q1986-09	COMP-218	Solid	Percent Solids	Cool 4 deg C	PSEG03	L61	05/08/2025	Chemtech -SO
Q1987-01	GC1	Solid	Percent Solids	Cool 4 deg C	GENV01	L41	05/07/2025	Chemtech -SO
Q1990-01	43025-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	05/08/2025	Chemtech -SO
Q1990-02	43025-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	05/08/2025	Chemtech -SO
Q1991-01	1217	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	05/08/2025	Chemtech -SO
Q1991-03	30425	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	05/08/2025	Chemtech -SO

Date/Time 05/08/25 15:00

Raw Sample Received by: LWOJ

Raw Sample Relinquished by:

Date/Time 05/08/25 17:30

Raw Sample Received by:

Raw Sample Relinquished by: LWOJ

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167953

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	N/A			**Extraction Start Date :**	05/12/2025
Matrix :	Solid			**Extraction Start Time :**	09:38
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	05/12/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	13:10
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6782
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2612
Baked Na2SO4	N/A	EP2611
Sand	N/A	EP2865
Methylene Chloride	N/A	E3930
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/12/25	RS (Ext-96)	RC/SVOC
13:15	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167953

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 05/12/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167953BL	SBLK953	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			U1-1
PB167953BS	SLCS953	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			2
Q1982-01	TP-1	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	E		3
Q1982-02	TP-2B	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E		4
Q1982-03	TP-3	SVOC-TCL BNA -20	30.09	N/A	ritesh	Evelyn	1	E		5
Q1982-03MS	TP-3MS	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		6
Q1982-03MSD	TP-3MSD	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E		U2-1
Q1982-04	TP-4	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	E		2
Q1982-05	TP-5	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	E		3
Q1982-06	TP-6	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		4
Q1982-07	TP-8	SVOC-TCL BNA -20	30.09	N/A	ritesh	Evelyn	1	E		5
Q2002-01	EO-02-05092025	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		6
Q2004-01	VNJ-220	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		U3-1
Q2004-03	2811	SVOC-TCL BNA -20	50.09	N/A	ritesh	Evelyn	1	E		2
Q2004-05	R0202	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		3
Q2004-07	205510	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		4
Q2004-09	SOIL-STOCK	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		5
Q2004-11	STONE-STOCK	SVOC-TCL BNA -20	50.01	N/A	ritesh	Evelyn	1	E		6
Q2007-01	OR-636-COMP-10	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		U6-1
Q2007-07	OR-636-COMP-11	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		2
Q2007-13	OR-636-COMP-12	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		3
Q2007-19	OR-636-COMP-13	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	E		4
Q2007-25	OR-636-COMP-14	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		5
Q2007-31	OR-636-COMP-15	SVOC-TCL BNA -20	50.01	N/A	ritesh	Evelyn	1	E		6

RS 5/12

RS 5/12

* **Extracts relinquished on the same date as received.**

169937
9:38

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2004 **WorkList ID :** 189442 **Department :** Extraction **Date :** 05-12-2025 09:11:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1982-01	TP-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/07/2025	8270E
Q1982-02	TP-2B	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/07/2025	8270E
Q1982-03	TP-3	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/07/2025	8270E
Q1982-04	TP-4	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/07/2025	8270E
Q1982-05	TP-5	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/07/2025	8270E
Q1982-06	TP-6	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/07/2025	8270E
Q1982-07	TP-8	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/07/2025	8270E
Q2002-01	EO-02-05092025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	L41	05/09/2025	8270E
Q2004-01	VNJ-220	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/09/2025	8270E
Q2004-03	2811	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/09/2025	8270E
Q2004-05	R0202	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/09/2025	8270E
Q2004-07	205510	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/09/2025	8270E
Q2004-09	SOIL-STOCK	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/09/2025	8270E
Q2004-11	STONE-STOCK	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/09/2025	8270E
Q2007-01	OR-636-COMP-10	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/09/2025	8270E
Q2007-07	OR-636-COMP-11	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/09/2025	8270E
Q2007-13	OR-636-COMP-12	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/09/2025	8270E
Q2007-19	OR-636-COMP-13	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/09/2025	8270E
Q2007-25	OR-636-COMP-14	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/09/2025	8270E
Q2007-31	OR-636-COMP-15	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/09/2025	8270E

RS 5/16

Date/Time 5/12/25 9:35
Raw Sample Received by: RJ (EXT-Lab)
Raw Sample Relinquished by:

Date/Time 5/12/25 10:15
Raw Sample Received by:
Raw Sample Relinquished by: RJ (EXT-Lab)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167973

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	N/A			**Extraction Start Date :**	05/13/2025
Matrix :	Solid			**Extraction Start Time :**	09:05
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	05/13/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:25
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6782
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2612
Baked Na2SO4	N/A	EP2611
Sand	N/A	EP2865
Methylene Chloride	N/A	E3930
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443. Q2014-05 used Limited volume as sample is small particles oily.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/13/25	RS (Bot-lab)	RC/SVOC
12:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167973

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 05/13/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167973BL	SBLK973	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U6-1
PB167973BS	SLCS973	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q1982-08	TP-9	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	E		3
Q1984-01	OU4-PCS-TC-33-050725	SVOCMS Group3	30.03	N/A	ritesh	Evelyn	1	E		4
Q1984-03	OU4-PCS-TC-34-050725	SVOCMS Group3	30.04	N/A	ritesh	Evelyn	1	E		5
Q1984-05	OU4-PCS-TC-35-050725	SVOCMS Group3	30.05	N/A	ritesh	Evelyn	1	E		6
Q1984-07	OU4-TS-24-050725	SVOCMS Group3	30.01	N/A	ritesh	Evelyn	1	E		U1-1
Q1984-09	OU4-TS-25-050725	SVOCMS Group3	30.06	N/A	ritesh	Evelyn	1	E		2
Q1984-11	OU4-TS-26-050725	SVOCMS Group3	30.04	N/A	ritesh	Evelyn	1	E		3
Q1984-13	OU4-TS-27-050725	SVOCMS Group3	30.02	N/A	ritesh	Evelyn	1	E		4
Q1984-15	OU4-TS-28-050725	SVOCMS Group3	30.03	N/A	ritesh	Evelyn	1	E		5
Q2010-01	TP-10	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		6
Q2010-02	TP-13	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	E		U2-1
Q2010-02MS	TP-13MS	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		2
Q2010-02MSD	TP-13MSD	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	E		3
Q2010-03	TP-14	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		4
Q2010-04	TP-17	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		5
Q2014-01	MOO-25-0134	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E	Small Particles	6
Q2014-03	MOO-25-0145	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	E	Small Particles	U3-1
Q2014-05	MOO-25-0148	SVOC-TCL BNA -20	10.03	N/A	ritesh	Evelyn	2	E	Small Particles	2
Q2017-01	MH-I	SVOC-TCL BNA -20	50.01	N/A	ritesh	Evelyn	1	E		3
Q2017-05	MH-J	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	A		4

RS 5/6

RS 5/13

* **Extracts relinguished on the same date as received.**

167973 9:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2010BN **WorkList ID :** 189476 **Department :** Extraction **Date :** 05-13-2025 08:45:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1982-08	TP-9	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/07/2025	8270E
Q1984-01	OU4-PCS-TC-33-050725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L41	05/07/2025	8270E
Q1984-03	OU4-PCS-TC-34-050725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L41	05/07/2025	8270E
Q1984-05	OU4-PCS-TC-35-050725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L41	05/07/2025	8270E
Q1984-07	OU4-TS-24-050725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L41	05/07/2025	8270E
Q1984-09	OU4-TS-25-050725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L41	05/07/2025	8270E
Q1984-11	OU4-TS-26-050725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L41	05/07/2025	8270E
Q1984-13	OU4-TS-27-050725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L41	05/07/2025	8270E
Q1984-15	OU4-TS-28-050725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L41	05/07/2025	8270E
Q2010-01	TP-10	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L51	05/08/2025	8270E
Q2010-02	TP-13	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L51	05/08/2025	8270E
Q2010-03	TP-14	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L51	05/08/2025	8270E
Q2010-04	TP-17	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L51	05/08/2025	8270E
Q2014-01	MOO-25-0134	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/12/2025	8270E
Q2014-03	MOO-25-0145	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/12/2025	8270E
Q2014-05	MOO-25-0148	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/12/2025	8270E
Q2017-01	MH-I	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/12/2025	8270E
Q2017-05	MH-J	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/12/2025	8270E

RJ 5/16

Date/Time 05/13/25 9:00
Raw Sample Received by: RJ (CEXL-Lab)
Raw Sample Relinquished by: CP SM

Date/Time 05/13/25 9:35
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (CEXL-Lab)



SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1982
COC Number 2047009

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: CDM SMITH
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS
PHONE: 7325904679 FAX: 7322257851

CLIENT PROJECT INFORMATION

PROJECT NAME: SOUTH RIVER WM REPLACEMENT
PROJECT NO.: 302781 LOCATION: SOUTH RIVER
PROJECT MANAGER: MARCIE ENCINAS
e-mail: ENCINASMA@CDMSMITH.COM
PHONE: 7325904679 FAX: 732-225-7851

CLIENT BILLING INFORMATION

BILL TO: CDM SMITH PO#:
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS PHONE: 7325904679

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☒ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1. TCL VOC
2. TCL SVOC
3. TAL METALS
4. PCBs
5. PESTICIDE
6. HERBICIDE
7. DRO/GRO
8.
9.

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	TP-1	SOIL		X	5/6/25	0837	6	X	X	X	X	X	X	X			E
2.	TP-2B	SOIL		X	5/6/25	1116	6	X	X	X	X	X	X	X			E
3.	TP-3	SOIL		X	5/6/25	1310	6	X	X	X	X	X	X	X			E
4.	TP-4	SOIL		X	5/7/25	0815	6	X	X	X	X	X	X	X			E
5.	TP-5	SOIL		X	5/7/25	1047	6	X	X	X	X	X	X	X			E
6.	TP-6	SOIL		X	5/7/25	1150	6	X	X	X	X	X	X	X			E
7.	TP-8	SOIL		X	5/7/25	1245	6	X	X	X	X	X	X	X			E
8.	TP-9	SOIL		X	5/7/25	1330	6	X	X	X	X	X	X	X			E
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME	RECEIVED BY:	DATE/TIME
1.	5/7/25 1455	1.	1455 5-7-25
2.		2.	
3.	DATE/TIME: 1600 5-7-25	3.	

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments: Temp 3.1° CAdjustment Factor + DIR Gun #1

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1982 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 5/7/2025 3:20:42 PM
Project Name : South River WM Replacem
Receive DateTime : 5/7/2025 ~~12:00:00~~ AM 16:02
Purchase Order :

Project Mgr :
Report Type : ~~Level I~~ NJ Reduce
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1982-01	TP-1	Solid	~~05/07/2025~~ 05/06/2025	08:37	VOC-TCLVOA-10		8260D		10 Bus. Days
Q1982-02	TP-2B	Solid	~~05/07/2025~~ 05/06/2025	11:16	VOC-TCLVOA-10		8260D		10 Bus. Days
Q1982-03	TP-3	Solid	~~05/07/2025~~ 05/06/2025	13:10	VOC-TCLVOA-10		8260D		10 Bus. Days
Q1982-04	TP-4	Solid	05/07/2025	08:15	VOC-TCLVOA-10		8260D		10 Bus. Days
Q1982-05	TP-5	Solid	05/07/2025	10:47	VOC-TCLVOA-10		8260D		10 Bus. Days
Q1982-06	TP-6	Solid	05/07/2025	11:50	VOC-TCLVOA-10		8260D		10 Bus. Days
Q1982-07	~~TP-7~~ TP-8	Solid	05/07/2025	12:45	VOC-TCLVOA-10		8260D		10 Bus. Days
Q1982-08	~~TP-8~~ TP-9	Solid	05/07/2025	13:30					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1982 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 5/7/2025 3:20:42 PM
Project Name : South River WM Replacem
Receive DateTime : 5/7/2025 ~~12:00:00 AM~~ 16:02
Purchase Order :

Project Mgr :
Report Type : ~~Level I~~ NJ Reduce
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260D	10 Bus. Days	

Relinguished By : [signature]
Date / Time : 5/8/25 0850

Received By : Sam
Date / Time : 05/08/25 08:50

Storage Area : VOA Refridgerator Room

RB46
D22