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

Order ID : Q2001

Project ID : 540 Degraw St, Brooklyn, NY - E9309

Client : ENTACT

Lab Sample Number	Client Sample Number
Q2001-01	WC-A4-03-G
Q2001-02	WC-A4-03-C
Q2001-03	WC-A4-03-C
Q2001-04	WC-A4-03-C
Q2001-05	WC-A1-05-G
Q2001-06	WC-A1-05-C
Q2001-07	WC-A1-05-C
Q2001-08	WC-A1-05-C
Q2001-09	WC-A1-06-G
Q2001-10	WC-A1-06-C
Q2001-11	WC-A1-06-C
Q2001-12	WC-A1-06-C
Q2001-13	WC-A1-07-G
Q2001-14	WC-A1-07-C
Q2001-15	WC-A1-07-C
Q2001-16	WC-A1-07-C

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: 5/19/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2001**

	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:** **05/19/2025**

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LAB CHRONICLE

OrderID:	Q2001	**OrderDate:**	5/9/2025 11:54:00 AM
Client:	ENTACT	**Project:**	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	**Location:**	L61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2001-03	**WC-A4-03-C**	**TCLP**			**05/06/25**			**05/09/25**
			TCLP BNA	8270E		05/13/25	05/14/25	
Q2001-07	**WC-A1-05-C**	**TCLP**			**05/07/25**			**05/09/25**
			TCLP BNA	8270E		05/13/25	05/14/25	
Q2001-11	**WC-A1-06-C**	**TCLP**			**05/08/25**			**05/09/25**
			TCLP BNA	8270E		05/13/25	05/14/25	
Q2001-15	**WC-A1-07-C**	**TCLP**			**05/08/25**			**05/09/25**
			TCLP BNA	8270E		05/13/25	05/14/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2001

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :			**0.00**		
			Total Concentration:			**0.00**		



QC SUMMARY

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

SW-846

SDG No.: Q2001

Client: ENTACT

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167963TB	PB167963TB	2-Fluorophenol	150	130	87		15 (10)	110 (139)
		Phenol-d6	150	120	80		15 (10)	110 (134)
		Nitrobenzene-d5	100	75.4	75		30 (49)	130 (133)
		2-Fluorobiphenyl	100	78.1	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	121	81		15 (44)	110 (137)
		Terphenyl-d14	100	80.3	80		30 (48)	130 (125)
PB167987BL	PB167987BL	2-Fluorophenol	150	131	87		15 (10)	110 (139)
		Phenol-d6	150	118	79		15 (10)	110 (134)
		Nitrobenzene-d5	100	85.0	85		30 (49)	130 (133)
		2-Fluorobiphenyl	100	76.3	76		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	150	100		15 (44)	110 (137)
		Terphenyl-d14	100	74.3	74		30 (48)	130 (125)
PB167987BS	PB167987BS	2-Fluorophenol	150	120	80		15 (10)	110 (139)
		Phenol-d6	150	118	78		15 (10)	110 (134)
		Nitrobenzene-d5	100	85.0	85		30 (49)	130 (133)
		2-Fluorobiphenyl	100	74.2	74		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	141	94		15 (44)	110 (137)
		Terphenyl-d14	100	80.6	81		30 (48)	130 (125)
Q2001-03	WC-A4-03-C	2-Fluorophenol	150	116	77		15 (10)	110 (139)
		Phenol-d6	150	109	73		15 (10)	110 (134)
		Nitrobenzene-d5	100	83.0	83		30 (49)	130 (133)
		2-Fluorobiphenyl	100	71.7	72		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	154	102		15 (44)	110 (137)
		Terphenyl-d14	100	65.9	66		30 (48)	130 (125)
Q2001-03MS	WC-A4-03-CMS	2-Fluorophenol	150	113	75		15 (10)	110 (139)
		Phenol-d6	150	108	72		15 (10)	110 (134)
		Nitrobenzene-d5	100	83.8	84		30 (49)	130 (133)
		2-Fluorobiphenyl	100	72.3	72		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	155	104		15 (44)	110 (137)
		Terphenyl-d14	100	71.3	71		30 (48)	130 (125)
Q2001-03MSD	WC-A4-03-CMSD	2-Fluorophenol	150	114	76		15 (10)	110 (139)
		Phenol-d6	150	111	74		15 (10)	110 (134)
		Nitrobenzene-d5	100	86.0	86		30 (49)	130 (133)
		2-Fluorobiphenyl	100	72.6	73		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	154	103		15 (44)	110 (137)
		Terphenyl-d14	100	75.5	75		30 (48)	130 (125)
Q2001-07	WC-A1-05-C	2-Fluorophenol	150	111	74		15 (10)	110 (139)
		Phenol-d6	150	101	67		15 (10)	110 (134)
		Nitrobenzene-d5	100	88.2	88		30 (49)	130 (133)
		2-Fluorobiphenyl	100	71.1	71		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	152	101		15 (44)	110 (137)
		Terphenyl-d14	100	68.1	68		30 (48)	130 (125)
Q2001-11	WC-A1-06-C	2-Fluorophenol	150	105	70		15 (10)	110 (139)
		Phenol-d6	150	98.2	65		15 (10)	110 (134)
		Nitrobenzene-d5	100	94.6	95		30 (49)	130 (133)
		2-Fluorobiphenyl	100	67.7	68		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	153	102		15 (44)	110 (137)
		Terphenyl-d14	100	69.3	69		30 (48)	130 (125)
Q2001-15	WC-A1-07-C	2-Fluorophenol	150	108	72		15 (10)	110 (139)
		Phenol-d6	150	102	68		15 (10)	110 (134)
		Nitrobenzene-d5	100	89.7	90		30 (49)	130 (133)

( ) = LABORATORY INHOUSE LIMIT

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Surrogate Summary

SW-846

SDG No.: Q2001

Client: ENTACT

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2001-15	WC-A1-07-C	2-Fluorobiphenyl	100	70.3	70		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	153	102		15 (44)	110 (137)
		Terphenyl-d14	100	71.1	71		30 (48)	130 (125)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2001

Client: ENTACT

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2001-03MS		**Client Sample ID: WC-A4-03-CMS**						**DataFile: BF142372.D**			
Pyridine	500	0	330	ug/L	66				20 (10)	160 (109)	
1,4-Dichlorobenzene	500	0	350	ug/L	70				70 (55)	130 (125)	
2-Methylphenol	500	0	430	ug/L	86				70 (60)	130 (131)	
3+4-Methylphenols	500	0	440	ug/L	88				20 (54)	160 (136)	
Hexachloroethane	500	0	390	ug/L	78				20 (19)	160 (146)	
Nitrobenzene	500	0	450	ug/L	90				70 (62)	130 (112)	
Hexachlorobutadiene	500	0	410	ug/L	82				70 (52)	130 (125)	
2,4,6-Trichlorophenol	500	0	490	ug/L	98				70 (78)	130 (112)	
2,4,5-Trichlorophenol	500	0	470	ug/L	94				70 (71)	130 (111)	
2,4-Dinitrotoluene	500	0	620	ug/L	124				70 (74)	130 (137)	
Hexachlorobenzene	500	0	440	ug/L	88				70 (72)	130 (115)	
Pentachlorophenol	1000	0	1100	ug/L	110				20 (52)	160 (162)	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2001

Client: ENTACT

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2001-03MSD		**Client Sample ID:** WC-A4-03-CMSD						**DataFile:** BF142373.D			
Pyridine	500	0	330	ug/L	66		0		20 (10)	160 (109)	20 (20)
1,4-Dichlorobenzene	500	0	360	ug/L	72		3		70 (55)	130 (125)	20 (20)
2-Methylphenol	500	0	440	ug/L	88		2		70 (60)	130 (131)	20 (20)
3+4-Methylphenols	500	0	450	ug/L	90		2		20 (54)	160 (136)	20 (20)
Hexachloroethane	500	0	400	ug/L	80		3		20 (19)	160 (146)	20 (20)
Nitrobenzene	500	0	460	ug/L	92		2		70 (62)	130 (112)	20 (20)
Hexachlorobutadiene	500	0	410	ug/L	82		0		70 (52)	130 (125)	20 (20)
2,4,6-Trichlorophenol	500	0	500	ug/L	100		2		70 (78)	130 (112)	20 (20)
2,4,5-Trichlorophenol	500	0	480	ug/L	96		2		70 (71)	130 (111)	20 (20)
2,4-Dinitrotoluene	500	0	620	ug/L	124		0		70 (74)	130 (137)	20 (20)
Hexachlorobenzene	500	0	450	ug/L	90		2		70 (72)	130 (115)	20 (20)
Pentachlorophenol	1000	0	1100	ug/L	110		0		20 (52)	160 (162)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2001

Client: ENTACT

Analytical Method: 8270E **DataFile:** BF142445.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167987BS	Pyridine	50	37.3	ug/L	75				20 (29)	160 (97)	
	1,4-Dichlorobenzene	50	41.6	ug/L	83				70 (76)	130 (103)	
	2-Methylphenol	50	43.8	ug/L	88				70 (69)	130 (109)	
	3+4-Methylphenols	50	42.5	ug/L	85				20 (67)	160 (106)	
	Hexachloroethane	50	43.4	ug/L	87				20 (76)	160 (118)	
	Nitrobenzene	50	46.5	ug/L	93				70 (58)	130 (106)	
	Hexachlorobutadiene	50	47.3	ug/L	95				70 (69)	130 (101)	
	2,4,6-Trichlorophenol	50	45.8	ug/L	92				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	44.5	ug/L	89				70 (70)	130 (106)	
	2,4-Dinitrotoluene	50	54.9	ug/L	110				70 (60)	130 (115)	
	Hexachlorobenzene	50	41.7	ug/L	83				70 (73)	130 (106)	
	Pentachlorophenol	100	100	ug/L	100				20 (47)	160 (114)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167987BL

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

Lab File ID: BF142444.D Lab Sample ID: PB167987BL

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

Matrix: (soil/water) water Date Analyzed: 05/19/2025

Level: (low/med) LOW Time Analyzed: 11:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167987BS	PB167987BS	BF142445.D	05/19/2025
PB167963TB	PB167963TB	BP024687.D	05/19/2025
WC-A4-03-C	Q2001-03	BF142371.D	05/14/2025
WC-A4-03-CMS	Q2001-03MS	BF142372.D	05/14/2025
WC-A4-03-CMSD	Q2001-03MSD	BF142373.D	05/14/2025
WC-A1-05-C	Q2001-07	BF142374.D	05/14/2025
WC-A1-06-C	Q2001-11	BF142375.D	05/14/2025
WC-A1-07-C	Q2001-15	BF142376.D	05/14/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM SAS No.: Q2001 SDG NO.: Q2001

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	32
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	25.8
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	34.9
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	5.2
275	10.0 - 60.0% of mass 198	22.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
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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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM SAS No.: Q2001 SDG NO.: Q2001

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	33.6
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	28.1
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	37
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.5
275	10.0 - 60.0% of mass 198	23.3
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142360.D	05/14/2025	12:19
WC-A4-03-C	Q2001-03	BF142371.D	05/14/2025	17:44
WC-A4-03-CMS	Q2001-03MS	BF142372.D	05/14/2025	18:12
WC-A4-03-CMSD	Q2001-03MSD	BF142373.D	05/14/2025	18:41
WC-A1-05-C	Q2001-07	BF142374.D	05/14/2025	19:10
WC-A1-06-C	Q2001-11	BF142375.D	05/14/2025	19:39
WC-A1-07-C	Q2001-15	BF142376.D	05/14/2025	20:08

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM SAS No.: Q2001 SDG NO.: Q2001

Lab File ID: BF142440.D DFTPP Injection Date: 05/19/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.2
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	24.2
70	Less than 2.0% of mass 69	0.1 (0.6) 1
127	10.0 - 80.0% of mass 198	33.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5
275	10.0 - 60.0% of mass 198	22.4
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142441.D	05/19/2025	10:09
PB167987BL	PB167987BL	BF142444.D	05/19/2025	11:36
PB167987BS	PB167987BS	BF142445.D	05/19/2025	12:05

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM SAS No.: Q2001 SDG NO.: Q2001

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	26.8
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	29
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	39.5
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	5.3
275	10.0 - 60.0% of mass 198	26.5
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	15.5
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

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM SAS No.: Q2001 SDG NO.: Q2001

Lab File ID: BP024685.D DFTPP Injection Date: 05/19/2025

Instrument ID: BNA_P DFTPP Injection Time: 11:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21
68	Less than 2.0% of mass 69	0.3 (1.3) 1
69	Mass 69 relative abundance	22.3
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	32.6
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	4.9
275	10.0 - 60.0% of mass 198	23.7
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024686.D	05/19/2025	12:48
PB167963TB	PB167963TB	BP024687.D	05/19/2025	13:28

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

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	WC-A1-06-C	196619	6.90	643807	8.19	445636	9.94
02	WC-A1-07-C	199865	6.90	707145	8.19	459545	9.94
03	WC-A4-03-C	157065	6.90	607562	8.19	356894	9.93
04	WC-A4-03-CMS	162738	6.90	630639	8.19	377760	9.94
05	WC-A4-03-CMSD	179060	6.90	701472	8.19	425907	9.94
06	WC-A1-05-C	193601	6.90	700965	8.19	431926	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.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

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	WC-A1-06-C	829506	11.42	604563	14.06	463034	15.55
02	WC-A1-07-C	871277	11.42	591876	14.06	437970	15.55
03	WC-A4-03-C	679403	11.42	566544	14.06	464654	15.55
04	WC-A4-03-CMS	721905	11.43	522947	14.07	454587	15.56
05	WC-A4-03-CMSD	786136	11.43	511971	14.07	442353	15.56
06	WC-A1-05-C	818404	11.42	596538	14.06	441966	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.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/19/2025

Lab File ID: BF142441.D Time Analyzed: 10:09

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	140943	6.904	537518	8.19	282968	9.94
	UPPER LIMIT	281886	7.404	1075040	8.686	565936	10.439
	LOWER LIMIT	70471.5	6.404	268759	7.686	141484	9.439
	EPA SAMPLE NO.						
01	PB167987BL	144027	6.90	587978	8.18	302454	9.94
02	PB167987BS	141273	6.90	537403	8.19	293927	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.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/19/2025

Lab File ID: BF142441.D Time Analyzed: 10:09

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	485793	11.427	261281	14.068	285078	15.557
	UPPER LIMIT	971586	11.927	522562	14.568	570156	16.057
	LOWER LIMIT	242897	10.927	130641	13.568	142539	15.057
	EPA SAMPLE NO.						
01	PB167987BL	558171	11.43	360634	14.06	291777	15.56
02	PB167987BS	520931	11.43	267148	14.07	292683	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.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/19/2025

Lab File ID: BP024686.D Time Analyzed: 12:48

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	148955	7.658	651543	10.43	426043	14.29
	UPPER LIMIT	297910	8.158	1303090	10.928	852086	14.792
	LOWER LIMIT	74477.5	7.158	325772	9.928	213022	13.792
	EPA SAMPLE NO.						
01	PB167963TB	181587	7.66	675085	10.43	394044	14.29

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/19/2025

Lab File ID: BP024686.D Time Analyzed: 12:48

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	875686	17.092	872281	21.527	779874	24.81
	UPPER LIMIT	1751370	17.592	1744560	22.027	1559750	25.31
	LOWER LIMIT	437843	16.592	436141	21.027	389937	24.31
	EPA SAMPLE NO.						
01	PB167963TB	701432	17.09	670983	21.52	848107	24.82

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

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

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



SAMPLE DATA

Raw Data: **BP024687.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	05/13/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/13/25
Client Sample ID:	PB167963TB	SDG No.:	Q2001
Lab Sample ID:	PB167963TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BP024687.D	1	05/13/25 11:16	05/19/25 13:28	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	130		15 (10) - 110 (139)	87%	SPK: 150
13127-88-3	Phenol-d6	120		15 (10) - 110 (134)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.4		30 (49) - 130 (133)	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.1		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		15 (44) - 110 (137)	81%	SPK: 150
1718-51-0	Terphenyl-d14	80.3		30 (48) - 130 (125)	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	182000	7.658			
1146-65-2	Naphthalene-d8	675000	10.428			
15067-26-2	Acenaphthene-d10	394000	14.293			
1517-22-2	Phenanthrene-d10	701000	17.087			
1719-03-5	Chrysene-d12	671000	21.522			
1520-96-3	Perylene-d12	848000	24.816			

Raw Data: **BP024687.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ENTACT			Date Collected:	05/13/25
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	05/13/25
Client Sample ID:	PB167963TB			SDG No.:	Q2001
Lab Sample ID:	PB167963TB			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
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
BP024687.D	1	05/13/25 11:16	05/19/25 13:28	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024687.D
Acq On : 19 May 2025 13:28
Operator : RC/JU
Sample : PB167963TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167963TB

Quant Time: May 19 14:38:26 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

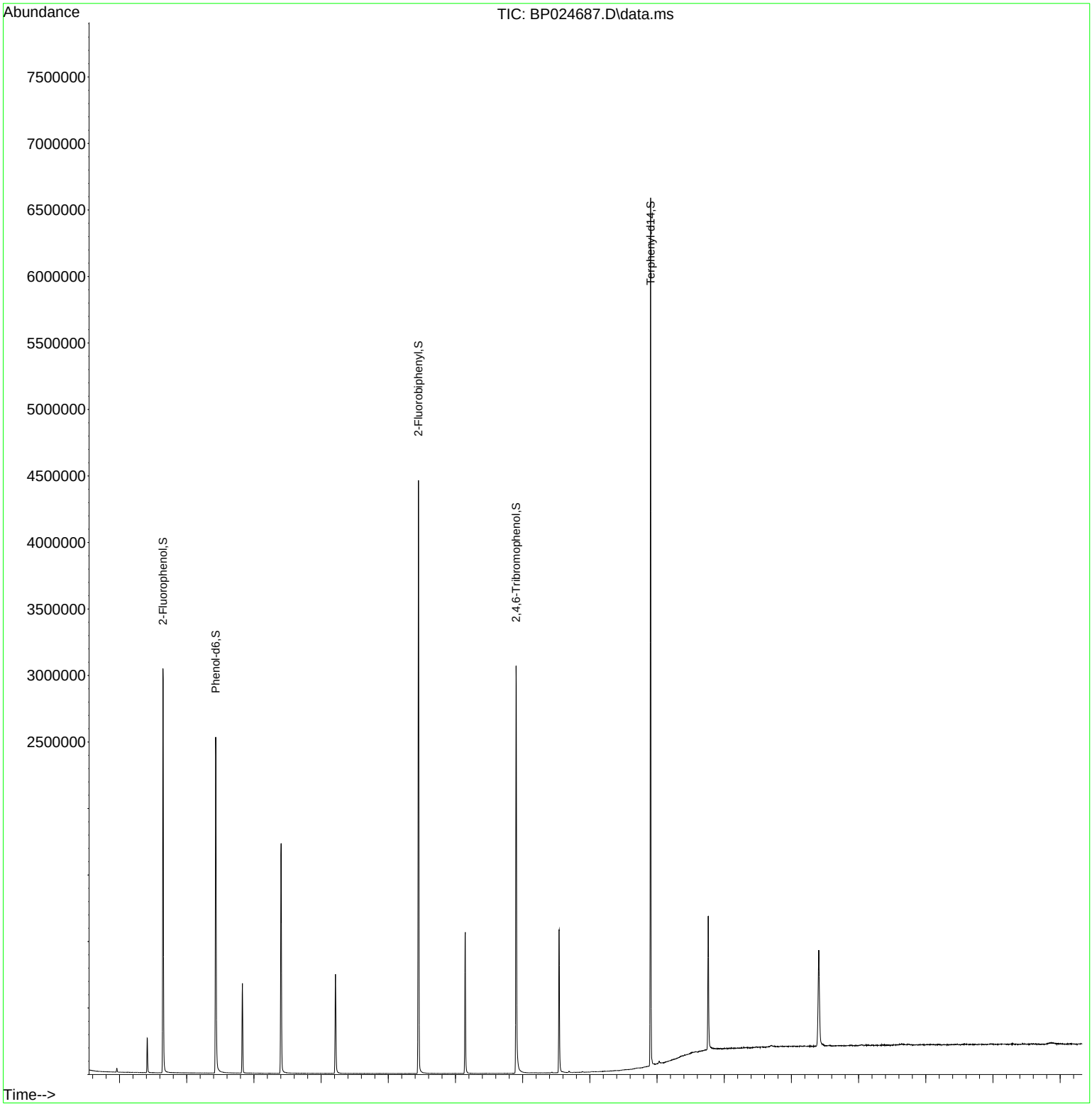
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	181587	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	675085	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	394044	20.000	ng	-0.01
64) Phenanthrene-d10	17.087	188	701432	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	670983	20.000	ng	0.00
86) Perylene-d12	24.816	264	848107	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1378109	129.804	ng	0.00
7) Phenol-d6	6.864	99	1622709	119.757	ng	0.01
23) Nitrobenzene-d5	8.811	82	1007854	75.432	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	811123	121.422	ng	0.00
45) 2-Fluorobiphenyl	12.899	172	2350080	78.136	ng	0.00
79) Terphenyl-d14	19.810	244	3140753	80.262	ng	0.00
Target Compounds						Qvalue

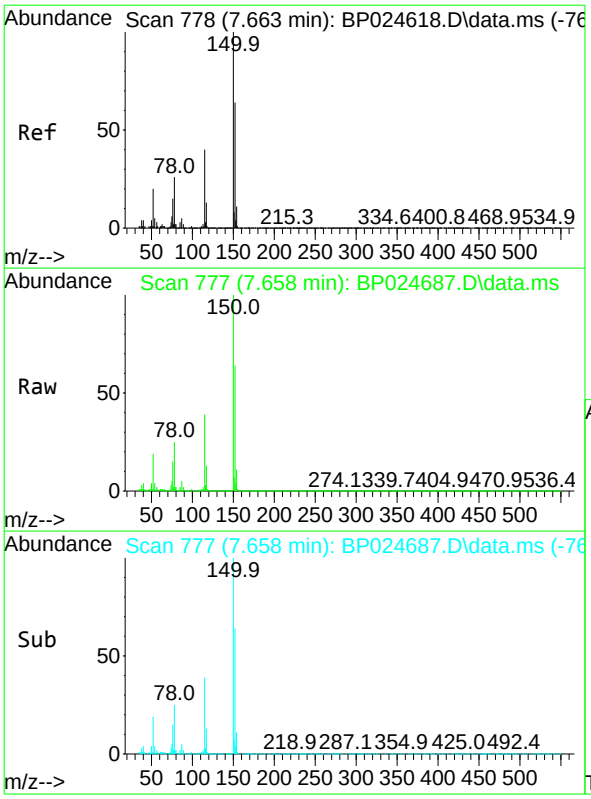
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024687.D
Acq On : 19 May 2025 13:28
Operator : RC/JU
Sample : PB167963TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167963TB

Quant Time: May 19 14:38:26 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



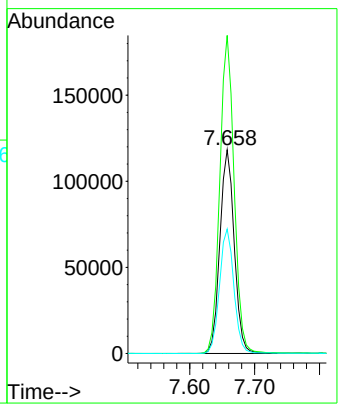


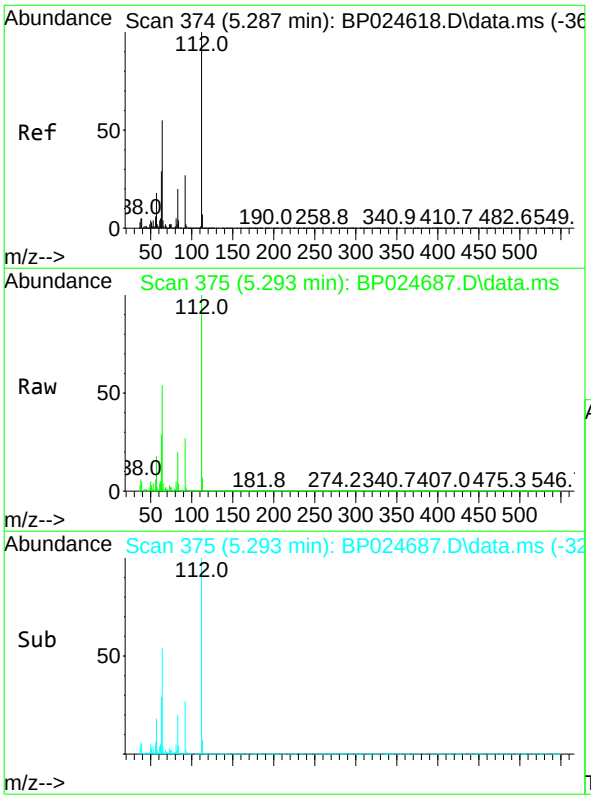
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 77
Delta R.T. -0.005 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Instrument :
BNA_P
ClientSampleId :
PB167963TB

Tgt Ion:152 Resp: 181587

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.9	188.9
115	61.1	50.1	75.1

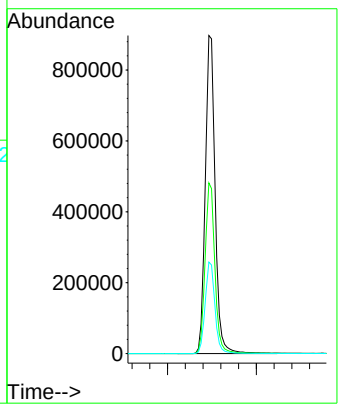


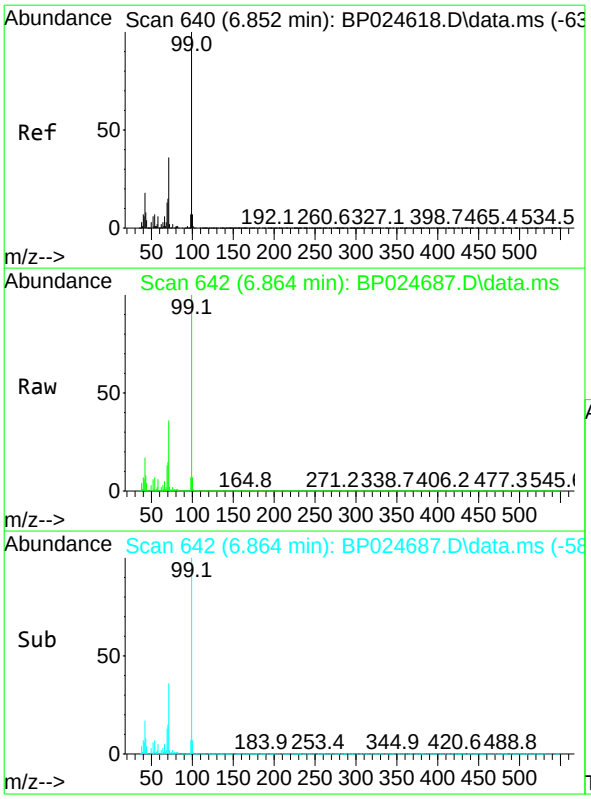


#5
2-Fluorophenol
Concen: 129.804 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Tgt Ion:112 Resp: 1378109

Ion	Ratio	Lower	Upper
112	100		
64	53.7	44.1	66.1
63	28.8	23.5	35.3



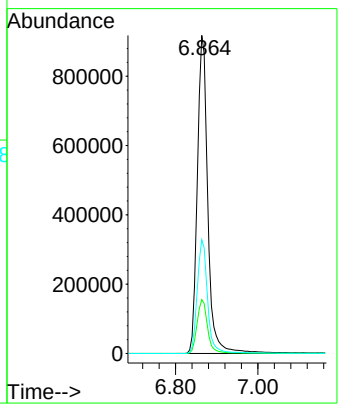


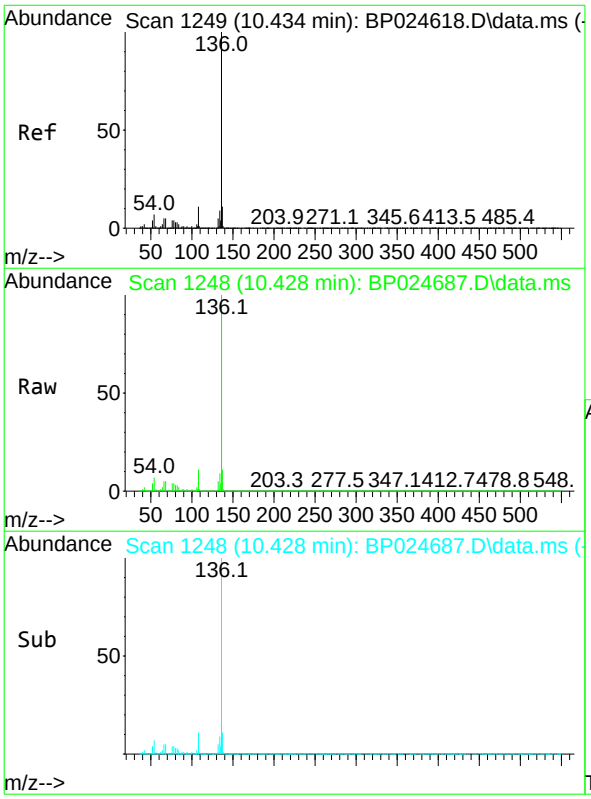
#7
Phenol-d6
Concen: 119.757 ng
RT: 6.864 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Instrument :
BNA_P
ClientSampleId :
PB167963TB

Tgt Ion: 99 Resp: 1622709

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.4	21.6
71	35.8	29.2	43.8

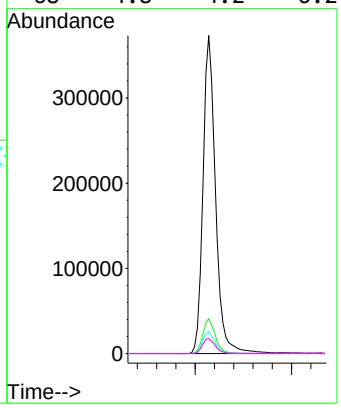


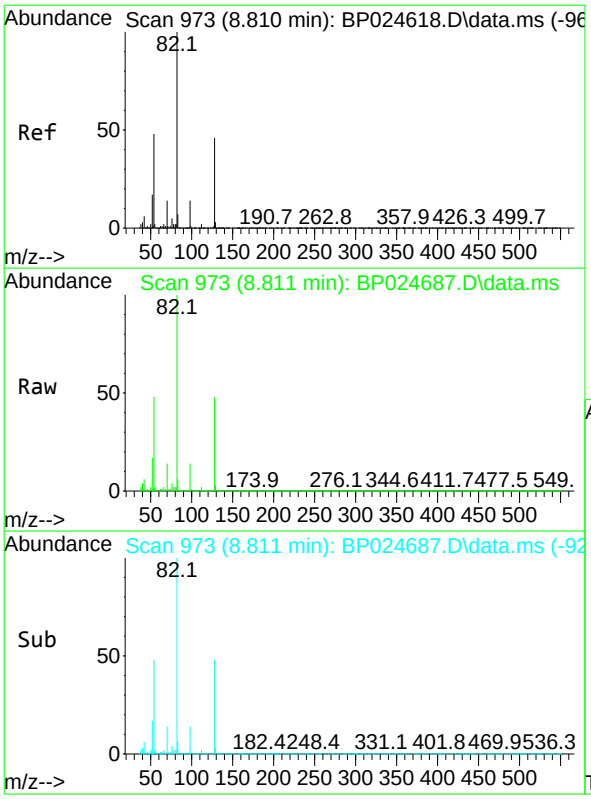


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Tgt Ion:136 Resp: 675085

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.5	8.3
68	4.8	4.2	6.2



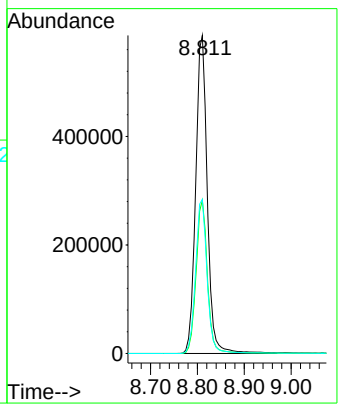


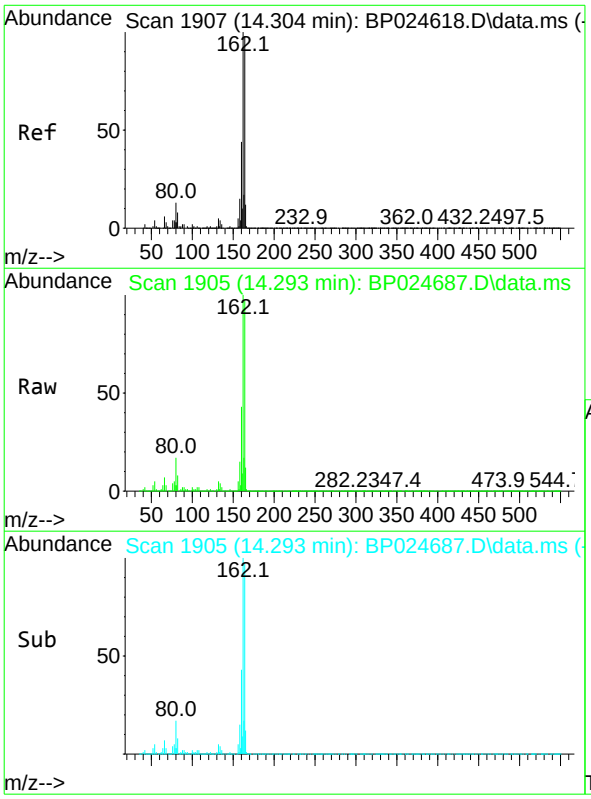
#23
Nitrobenzene-d5
Concen: 75.432 ng
RT: 8.811 min Scan# 97
Delta R.T. 0.000 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Instrument :
BNA_P
ClientSampleId :
PB167963TB

Tgt Ion: 82 Resp: 1007854

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.0	55.4
54	48.5	38.7	58.1

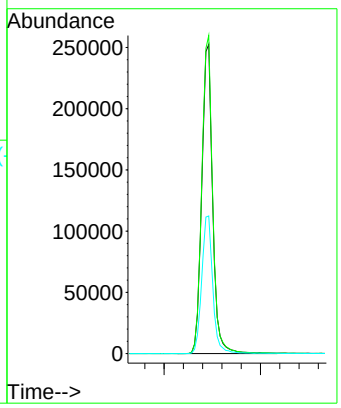


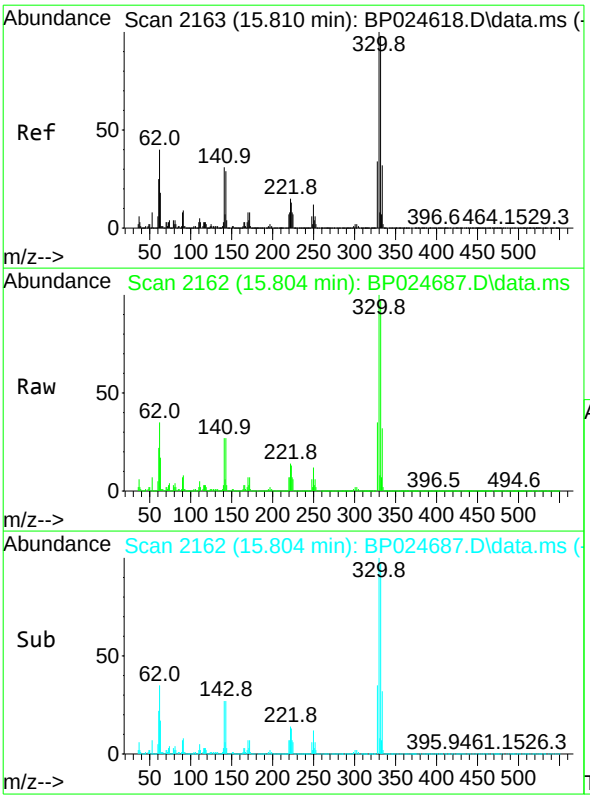


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Tgt Ion:164 Resp: 394044

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.8	122.6
160	44.5	36.3	54.5



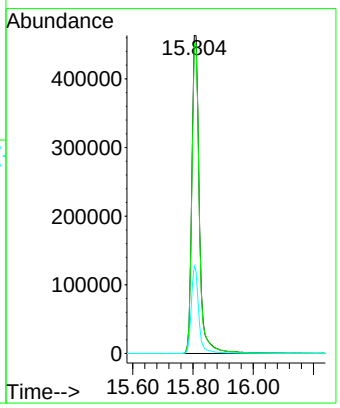


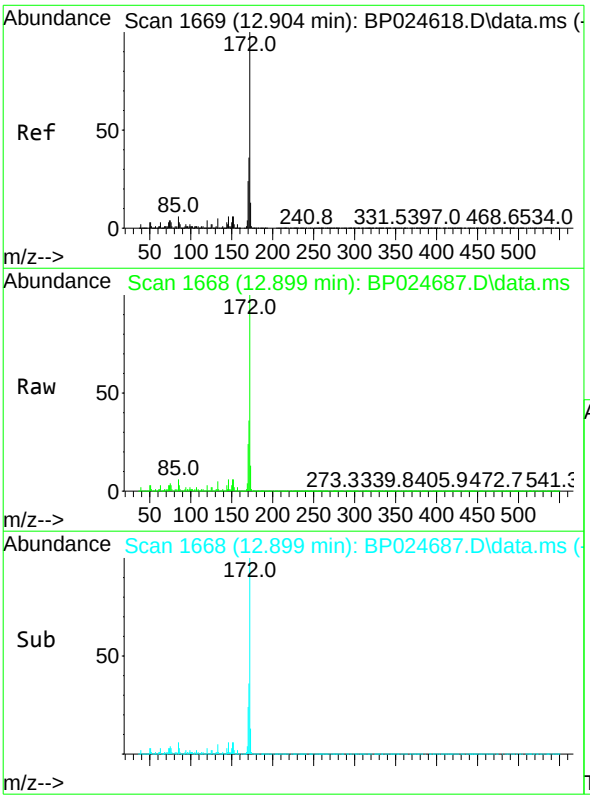
#42
2,4,6-Tribromophenol
Concen: 121.422 ng
RT: 15.804 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Instrument :
BNA_P
ClientSampleId :
PB167963TB

Tgt Ion:330 Resp: 811123

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.4
141	27.2	24.3	36.5

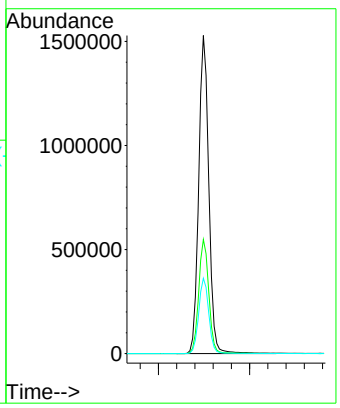


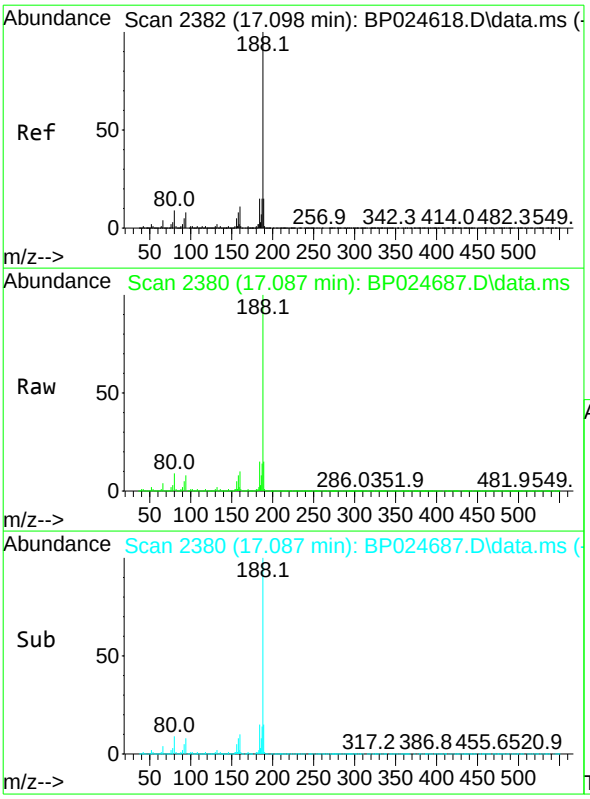


#45
2-Fluorobiphenyl
Concen: 78.136 ng
RT: 12.899 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Tgt Ion:172 Resp: 2350080

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.7	18.8	28.2



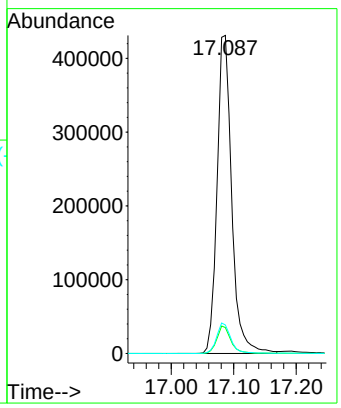


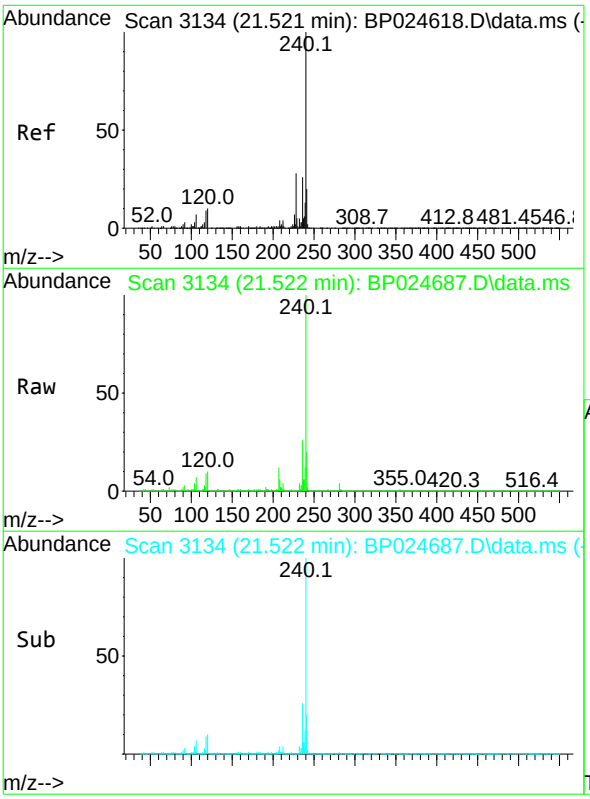
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 23
Delta R.T. -0.012 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Instrument :
BNA_P
ClientSampleId :
PB167963TB

Tgt Ion:188 Resp: 701432

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.5	9.7
80	9.0	7.3	10.9

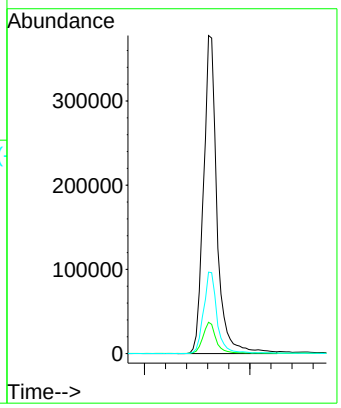


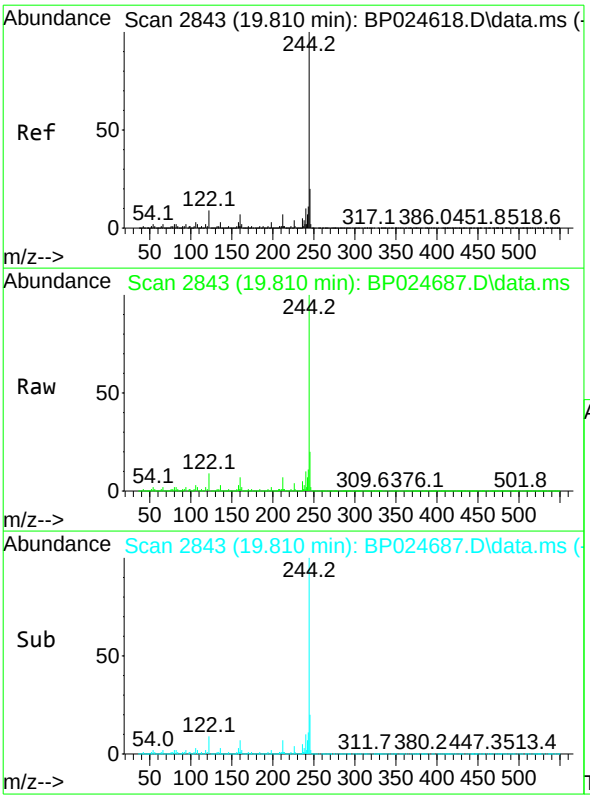


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Tgt Ion:240 Resp: 670983

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.8	11.6
236	25.6	20.6	31.0



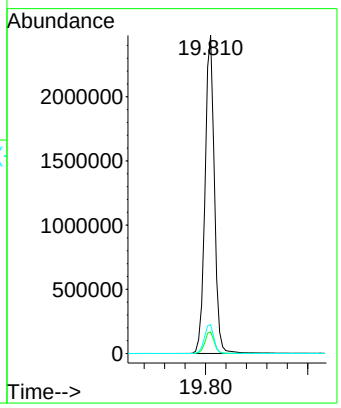


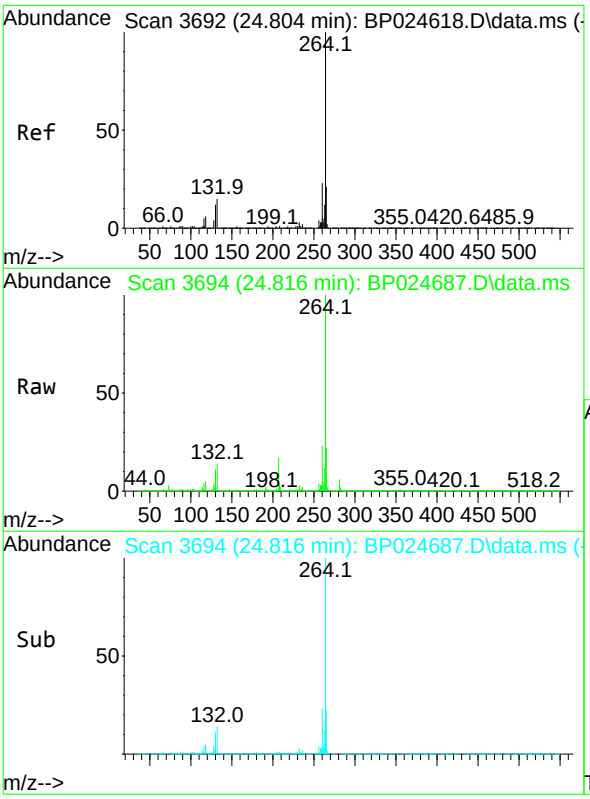
#79
Terphenyl-d14
Concen: 80.262 ng
RT: 19.810 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Instrument :
BNA_P
ClientSampleId :
PB167963TB

Tgt Ion:244 Resp: 3140753

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	9.1	7.4	11.0

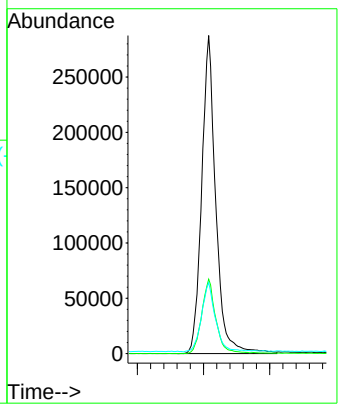




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.816 min Scan# 3694
Delta R.T. 0.012 min
Lab File: BP024687.D
Acq: 19 May 2025 13:28

Tgt Ion:264 Resp: 848107

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.4	17.0	25.6



Raw Data: **BF142371.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	05/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A4-03-C	SDG No.:	Q2001
Lab Sample ID:	Q2001-03	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF142371.D	1	05/13/25 11:16	05/14/25 17:44	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	116		15 (10) - 110 (139)	77%	SPK: 150
13127-88-3	Phenol-d6	109		15 (10) - 110 (134)	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.0		30 (49) - 130 (133)	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.7		30 (52) - 130 (132)	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	154		15 (44) - 110 (137)	102%	SPK: 150
1718-51-0	Terphenyl-d14	65.9		30 (48) - 130 (125)	66%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	157000	6.898			
1146-65-2	Naphthalene-d8	608000	8.186			
15067-26-2	Acenaphthene-d10	357000	9.933			
1517-22-2	Phenanthrene-d10	679000	11.422			
1719-03-5	Chrysene-d12	567000	14.063			
1520-96-3	Perylene-d12	465000	15.551			

Raw Data: **BF142371.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	05/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A4-03-C	SDG No.:	Q2001
Lab Sample ID:	Q2001-03	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF142371.D	1	05/13/25 11:16	05/14/25 17:44	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142371.D
Acq On : 14 May 2025 17:44
Operator : RC/JU
Sample : Q2001-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-C

Quant Time: May 14 18:25:11 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

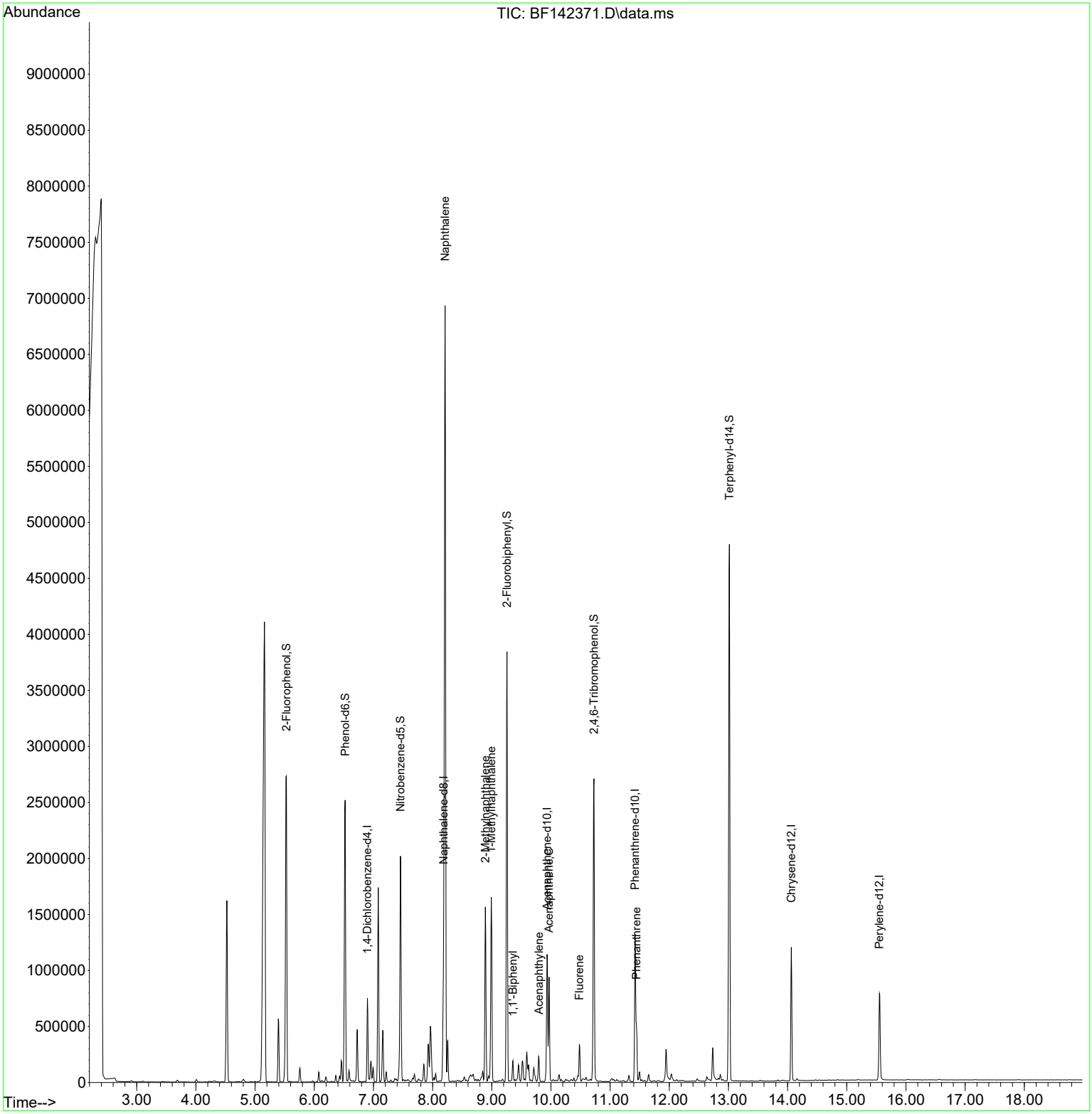
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	157065	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	607562	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	356894	20.000	ng		-0.01
64) Phenanthrene-d10	11.422	188	679403	20.000	ng		-0.01
76) Chrysene-d12	14.063	240	566544	20.000	ng		0.00
86) Perylene-d12	15.551	264	464654	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1063336	115.570	ng		0.02
7) Phenol-d6	6.522	99	1231475	108.823	ng		0.00
23) Nitrobenzene-d5	7.457	82	826771	82.991	ng		-0.01
42) 2,4,6-Tribromophenol	10.727	330	529383	153.634	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1795415	71.731	ng		0.00
79) Terphenyl-d14	13.016	244	2521198	65.867	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.210	128	4820265	163.699	ng		96
37) 2-Methylnaphthalene	8.892	142	609422	33.307	ng		100
38) 1-Methylnaphthalene	8.992	142	630532	33.063	ng		99
46) 1,1'-Biphenyl	9.357	154	83235	3.042	ng		99
49) Acenaphthylene	9.798	152	94454	2.775	ng	#	97
52) Acenaphthene	9.969	154	286577	14.000	ng		98
58) Fluorene	10.480	166	153222	6.646	ng		99
71) Phenanthrene	11.445	178	255297	7.169	ng		99

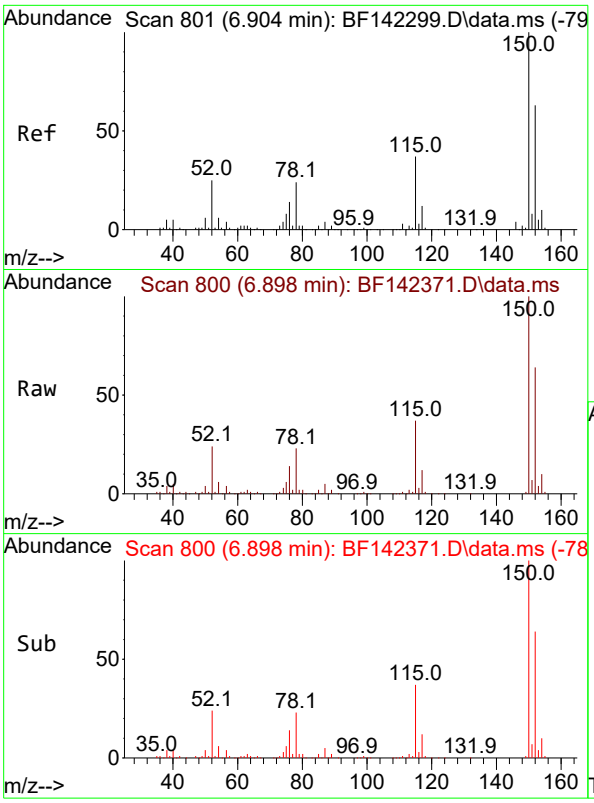
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142371.D
Acq On : 14 May 2025 17:44
Operator : RC/JU
Sample : Q2001-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-C

Quant Time: May 14 18:25:11 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



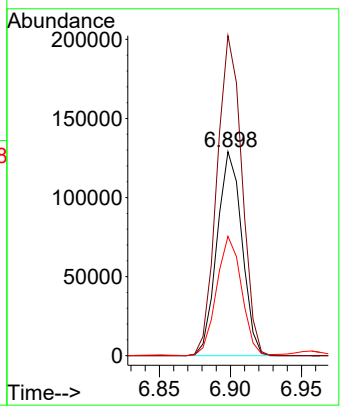


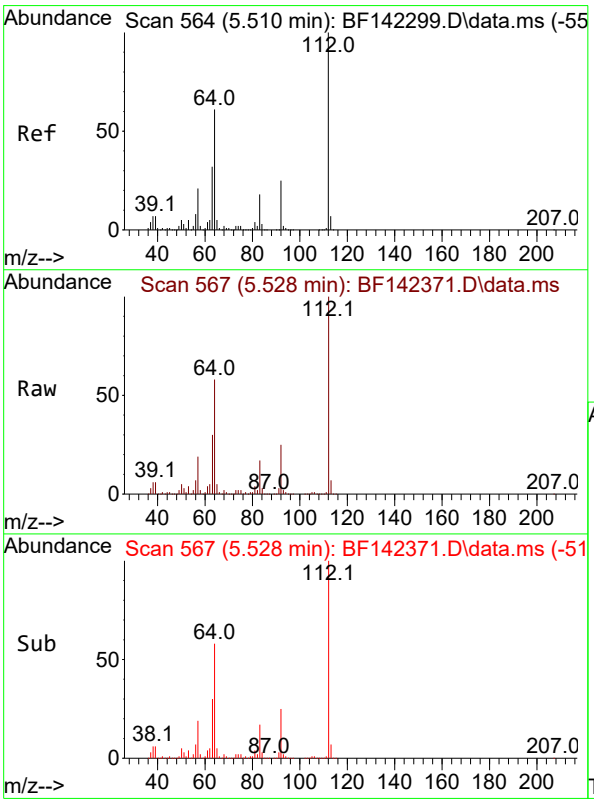
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-C

Tgt Ion:152 Resp: 157065

Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.6	190.0
115	58.5	47.3	70.9

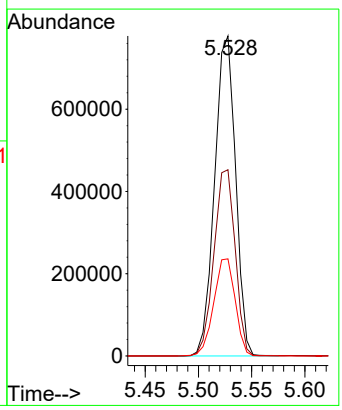


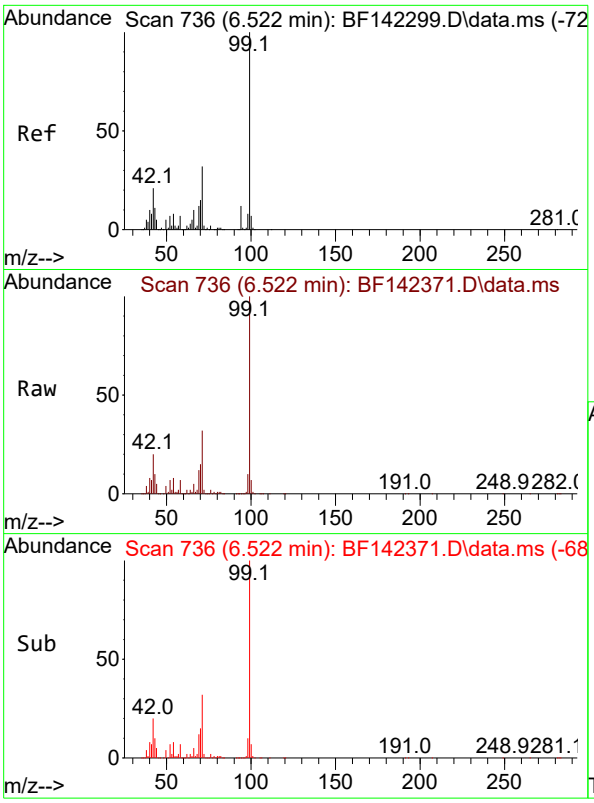


#5
2-Fluorophenol
Concen: 115.570 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Tgt Ion:112 Resp: 1063336

Ion	Ratio	Lower	Upper
112	100		
64	58.2	48.9	73.3
63	30.4	25.6	38.4



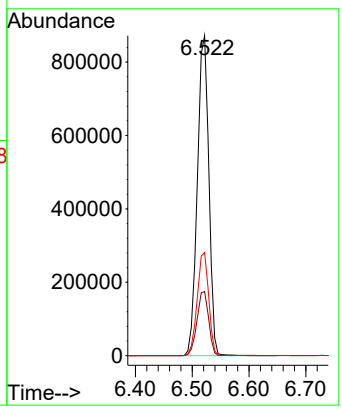


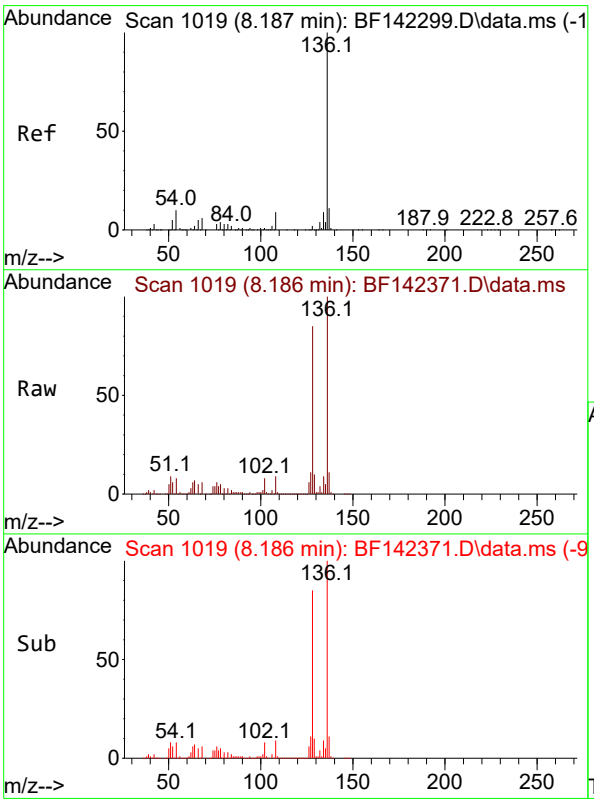
#7
Phenol-d6
Concen: 108.823 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-C

Tgt Ion: 99 Resp: 1231475

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.0	25.4
71	32.2	25.8	38.8

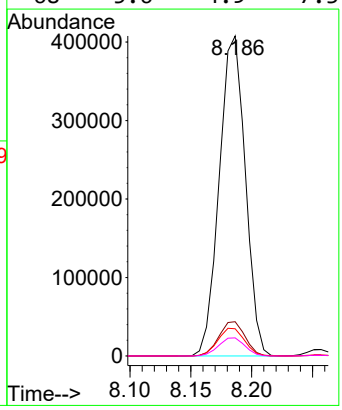


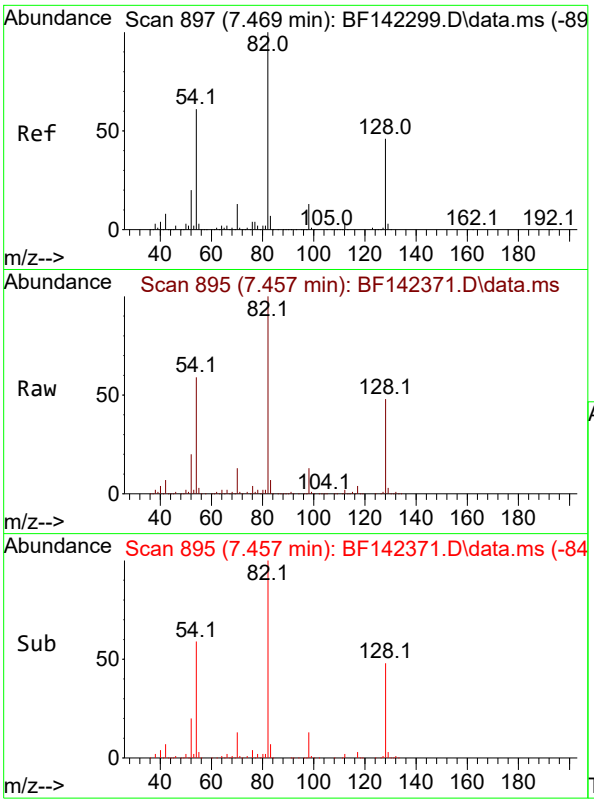


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Tgt Ion:136 Resp: 607562

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.5	7.7	11.5
68	5.6	4.9	7.3



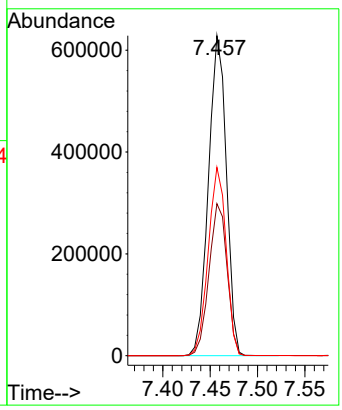


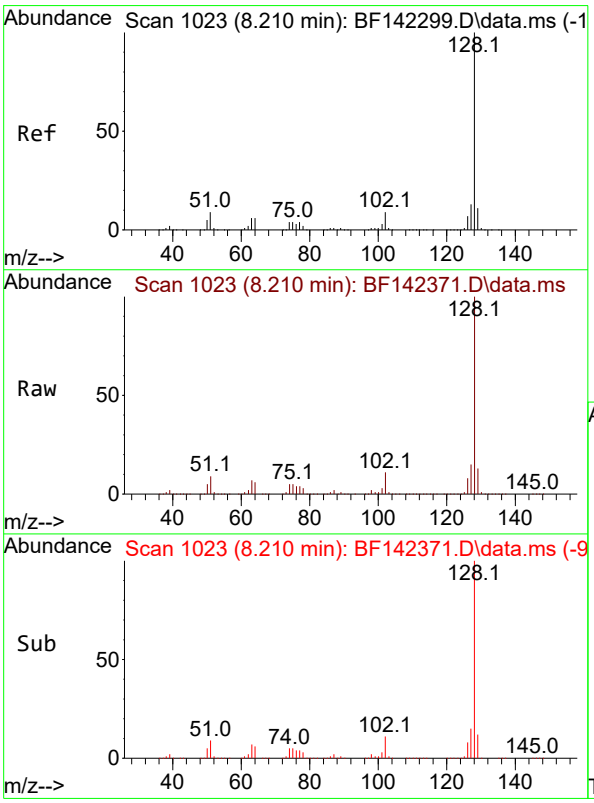
#23
Nitrobenzene-d5
Concen: 82.991 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-C

Tgt Ion: 82 Resp: 826771

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.0	55.6
54	58.9	48.6	73.0

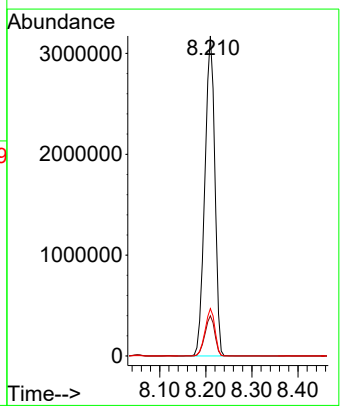


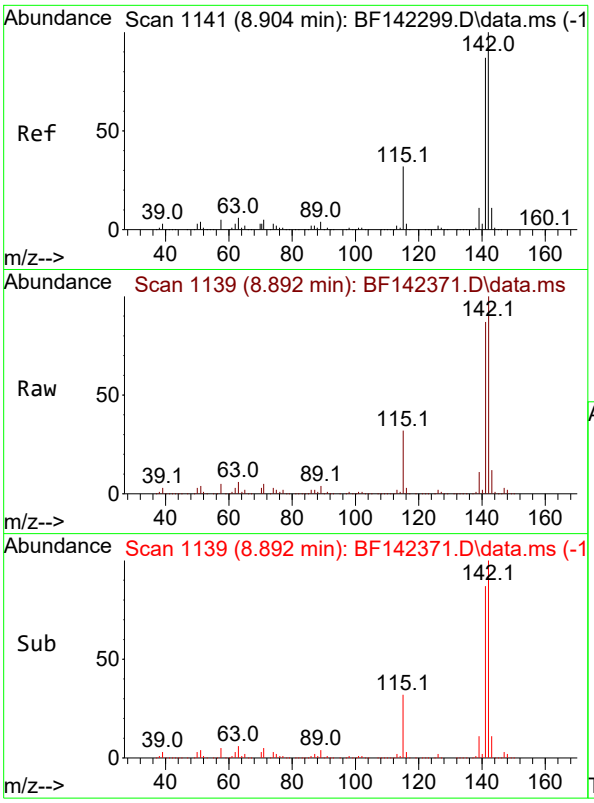


#31
Naphthalene
Concen: 163.699 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Tgt Ion:128 Resp: 4820265

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.1	13.7
127	14.8	10.5	15.7



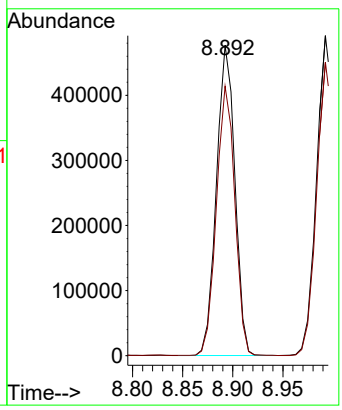


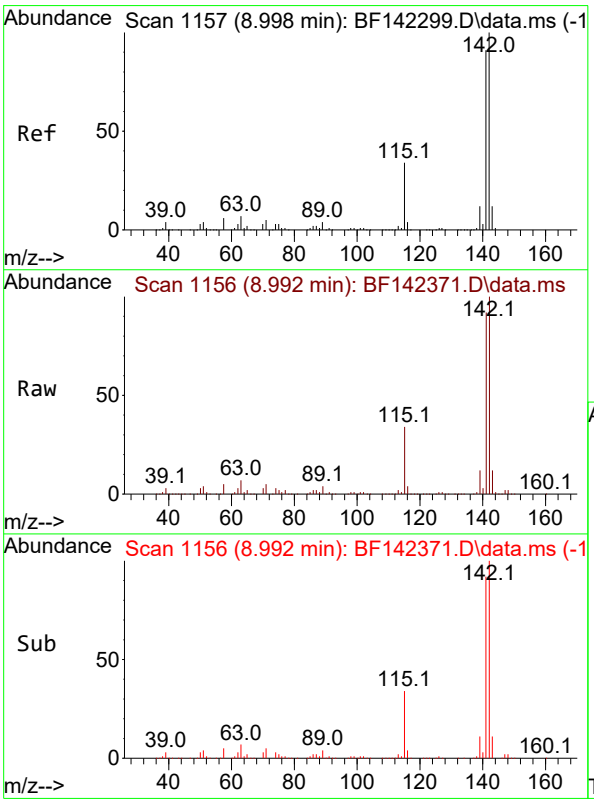
#37
2-Methylnaphthalene
Concen: 33.307 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-C

Tgt Ion:142 Resp: 609422

Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.4	104.2

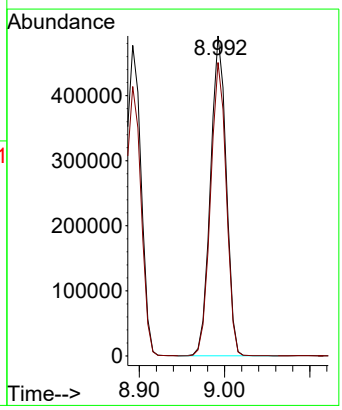


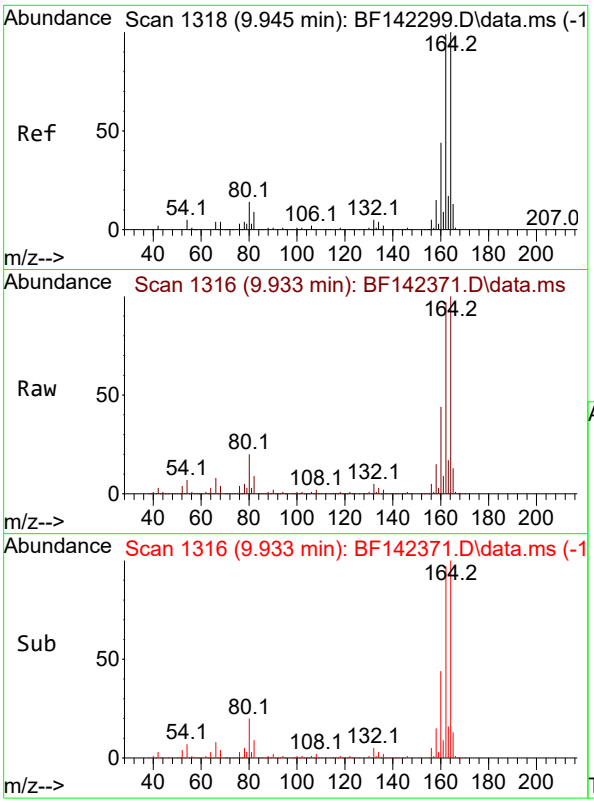


#38
1-Methylnaphthalene
Concen: 33.063 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Tgt Ion:142 Resp: 630532

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.5	108.7



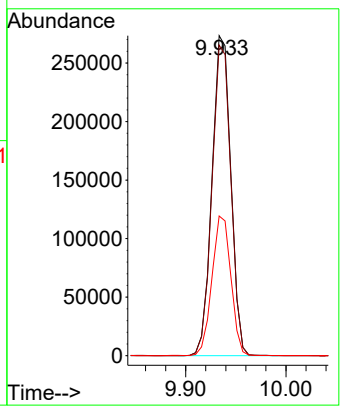


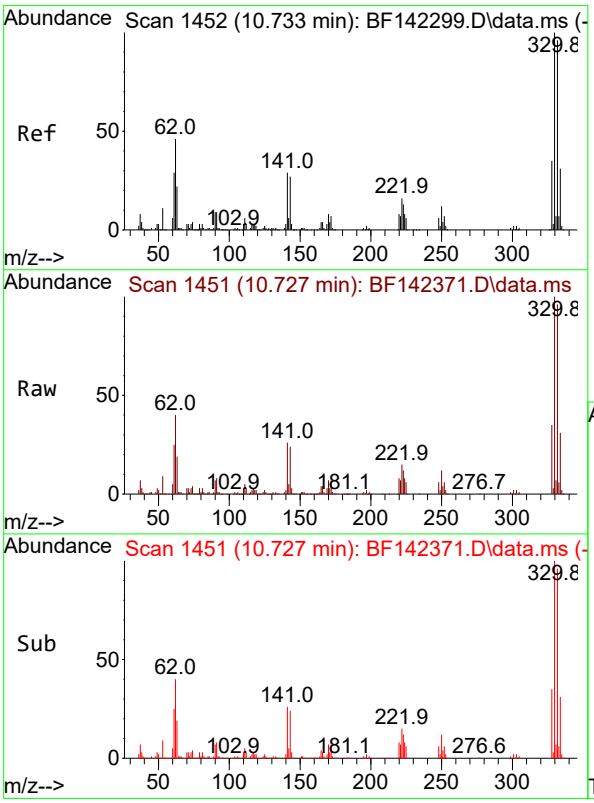
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-C

Tgt Ion:164 Resp: 356894

Ion	Ratio	Lower	Upper
164	100		
162	97.1	79.2	118.8
160	43.7	35.3	52.9

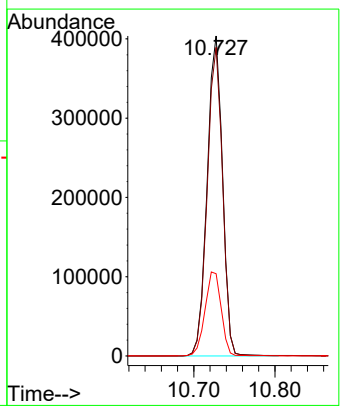


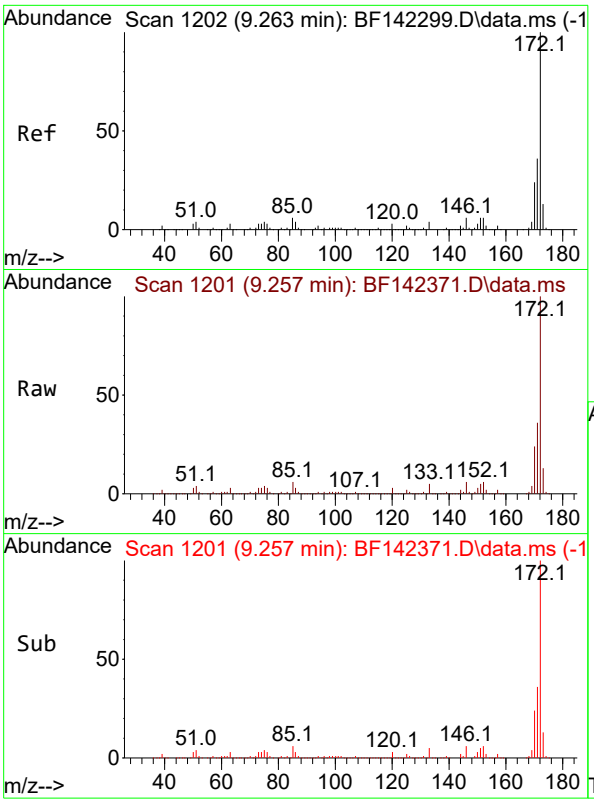


#42
2,4,6-Tribromophenol
Concen: 153.634 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Tgt Ion:330 Resp: 529383

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	28.0	24.9	37.3



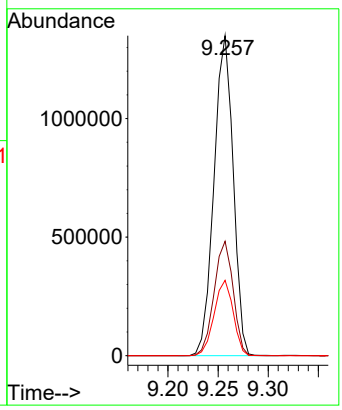


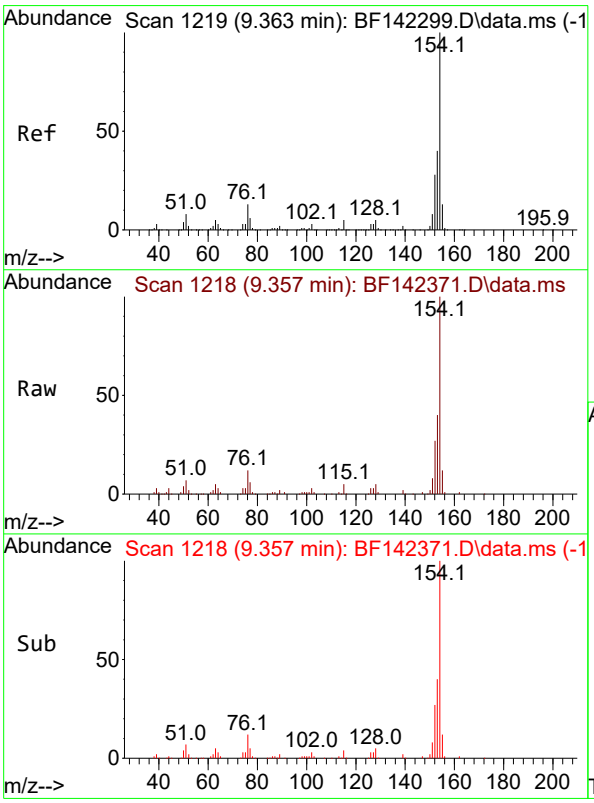
#45
2-Fluorobiphenyl
Concen: 71.731 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-C

Tgt Ion:172 Resp: 1795415

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.5	19.0	28.4

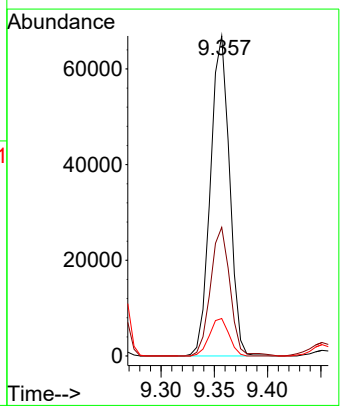


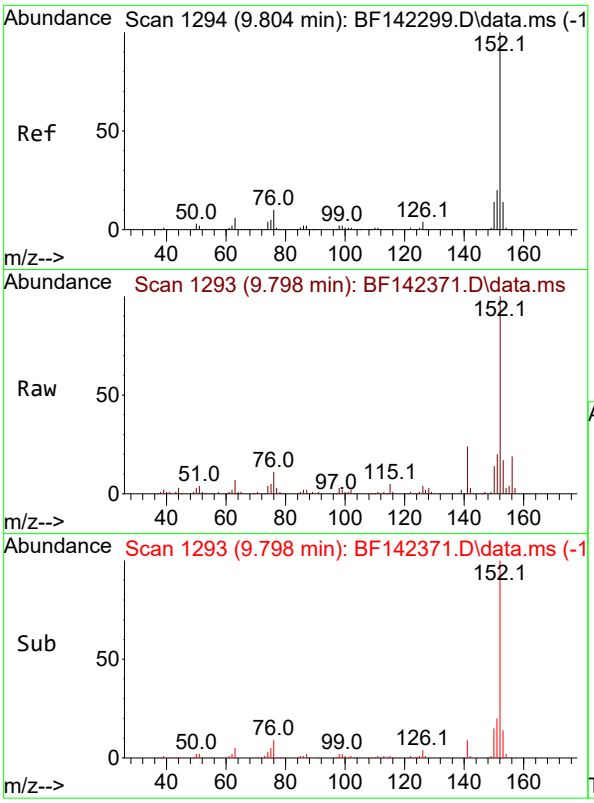


#46
1,1'-Biphenyl
Concen: 3.042 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Tgt Ion:154 Resp: 83235

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.5	60.5
76	11.7	0.0	32.8



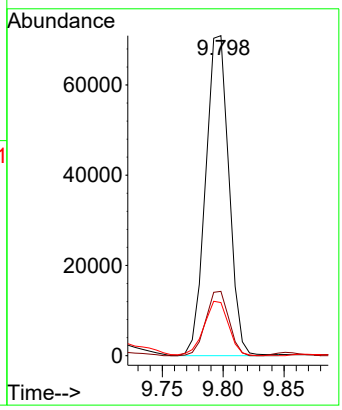


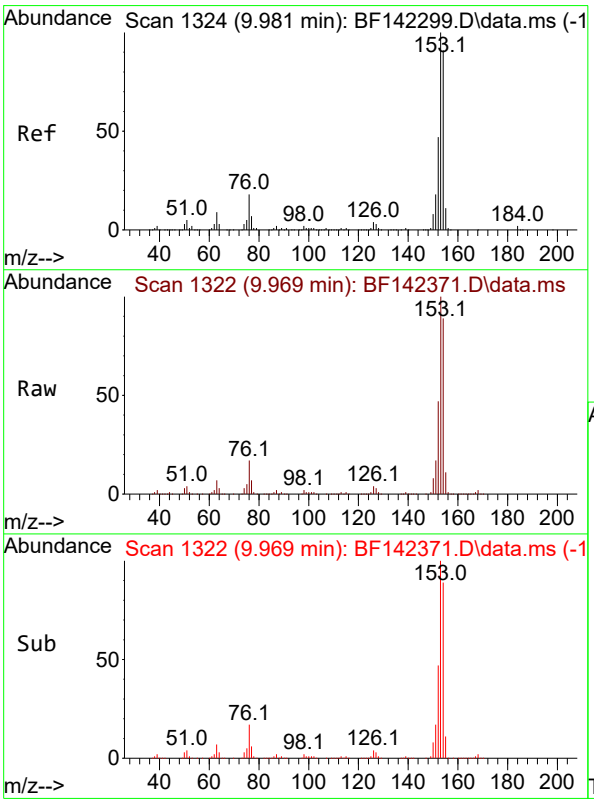
#49
Acenaphthylene
Concen: 2.775 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-C

Tgt Ion:152 Resp: 94454

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	16.6	10.8	16.2#

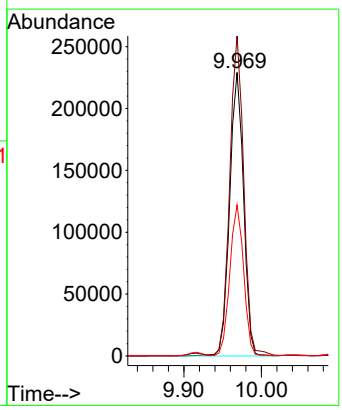


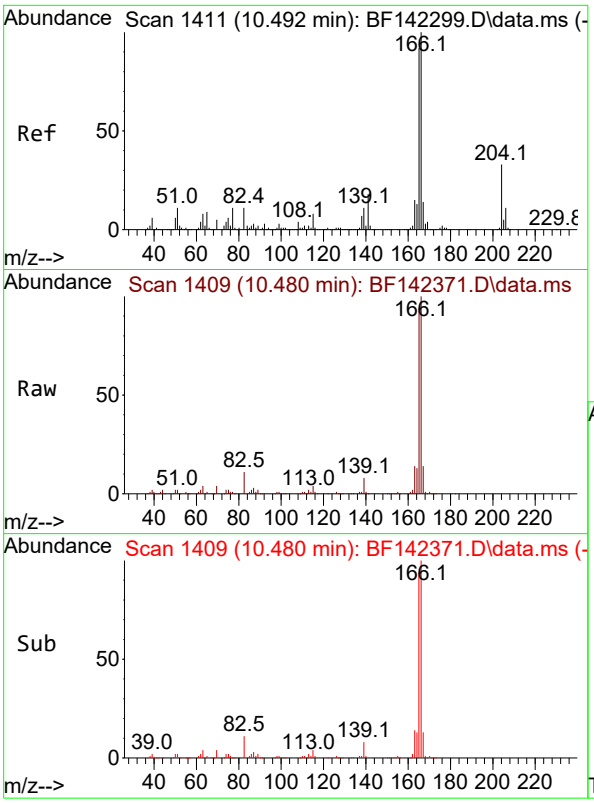


#52
Acenaphthene
Concen: 14.000 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Tgt Ion:154 Resp: 286577

Ion	Ratio	Lower	Upper
154	100		
153	112.9	88.0	132.0
152	53.3	41.6	62.4



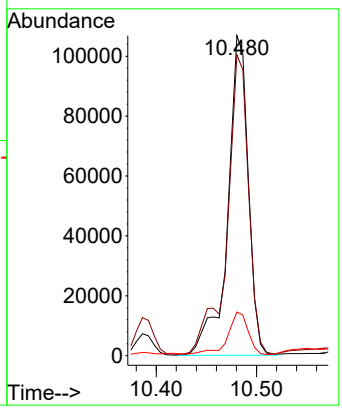


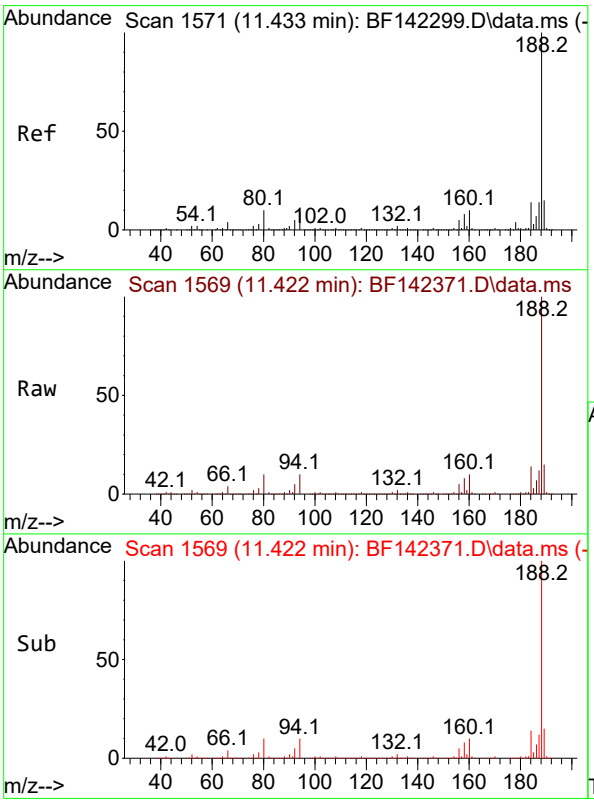
#58
Fluorene
Concen: 6.646 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-C

Tgt Ion:166 Resp: 153222

Ion	Ratio	Lower	Upper
166	100		
165	94.0	74.0	111.0
167	13.6	10.9	16.3

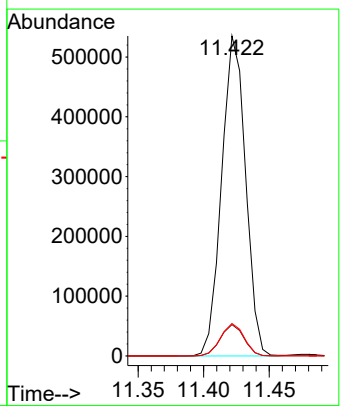


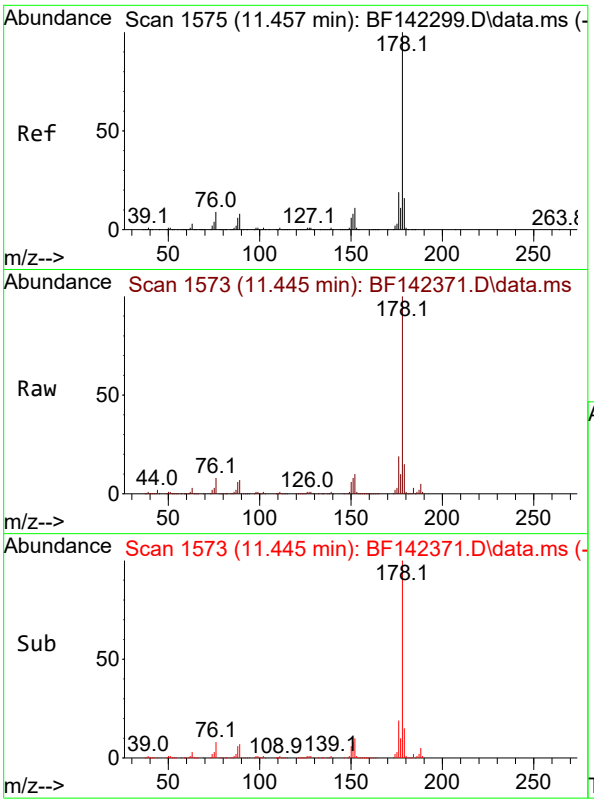


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Tgt Ion:188 Resp: 679403

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.5	11.3
80	10.2	7.9	11.9



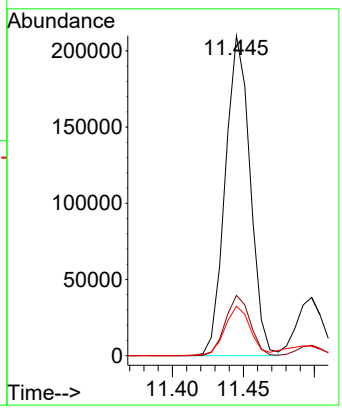


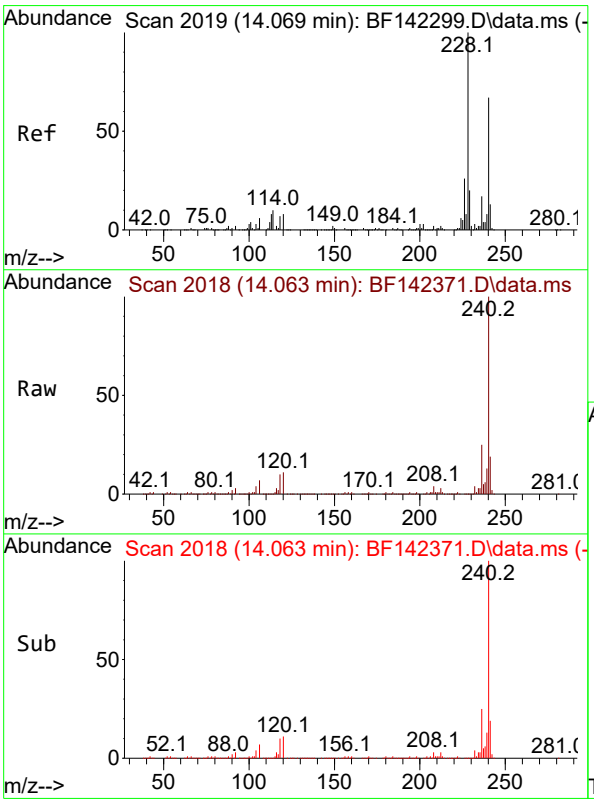
#71
Phenanthrene
Concen: 7.169 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-C

Tgt Ion:178 Resp: 255297

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

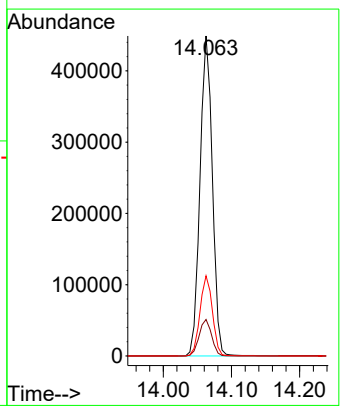


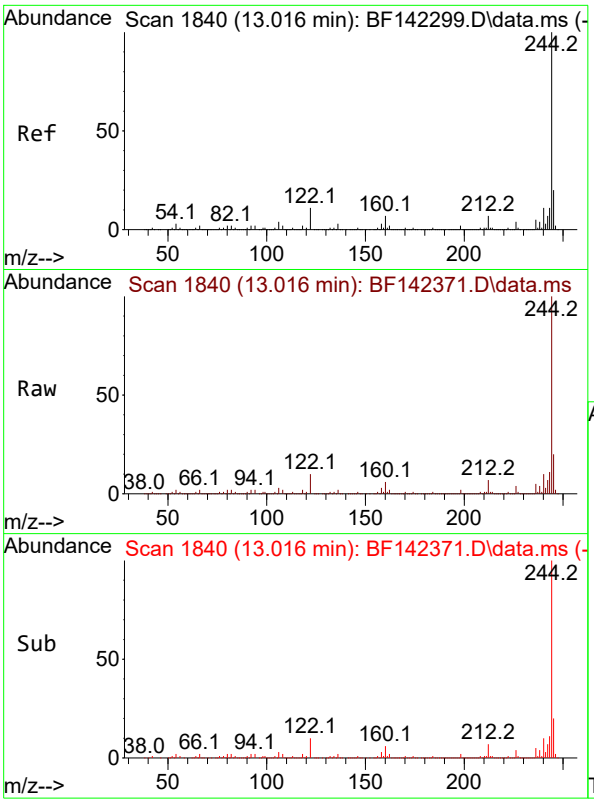


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Tgt Ion:240 Resp: 566544

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.7	14.5
236	25.1	20.0	30.0



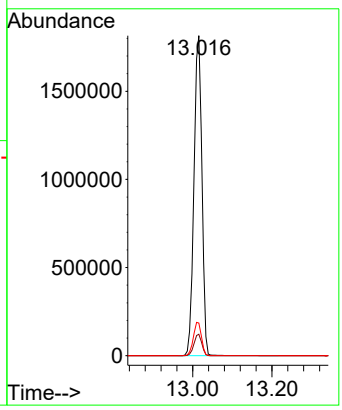


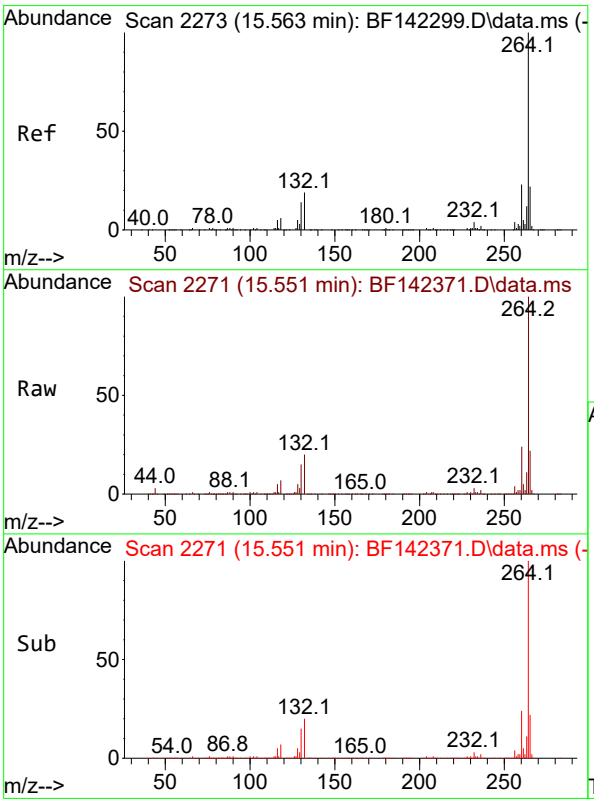
#79
Terphenyl-d14
Concen: 65.867 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-C

Tgt Ion:244 Resp: 2521198

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.2	9.0	13.4

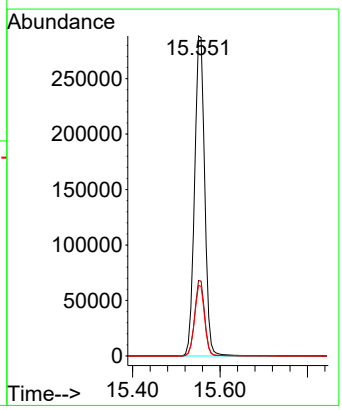




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF142371.D
Acq: 14 May 2025 17:44

Tgt Ion:264 Resp: 464654

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.0	17.5	26.3



Raw Data: **BF142374.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	05/07/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A1-05-C	SDG No.:	Q2001
Lab Sample ID:	Q2001-07	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF142374.D	1	05/13/25 11:16	05/14/25 19:10	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	111		15 (10) - 110 (139)	74%	SPK: 150
13127-88-3	Phenol-d6	101		15 (10) - 110 (134)	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.2		30 (49) - 130 (133)	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.1		30 (52) - 130 (132)	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	152		15 (44) - 110 (137)	101%	SPK: 150
1718-51-0	Terphenyl-d14	68.1		30 (48) - 130 (125)	68%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	194000	6.898			
1146-65-2	Naphthalene-d8	701000	8.186			
15067-26-2	Acenaphthene-d10	432000	9.939			
1517-22-2	Phenanthrene-d10	818000	11.421			
1719-03-5	Chrysene-d12	597000	14.062			
1520-96-3	Perylene-d12	442000	15.551			

Raw Data: **BF142374.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	05/07/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A1-05-C	SDG No.:	Q2001
Lab Sample ID:	Q2001-07	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF142374.D	1	05/13/25 11:16	05/14/25 19:10	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142374.D
Acq On : 14 May 2025 19:10
Operator : RC/JU
Sample : Q2001-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Quant Time: May 15 01:03:31 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

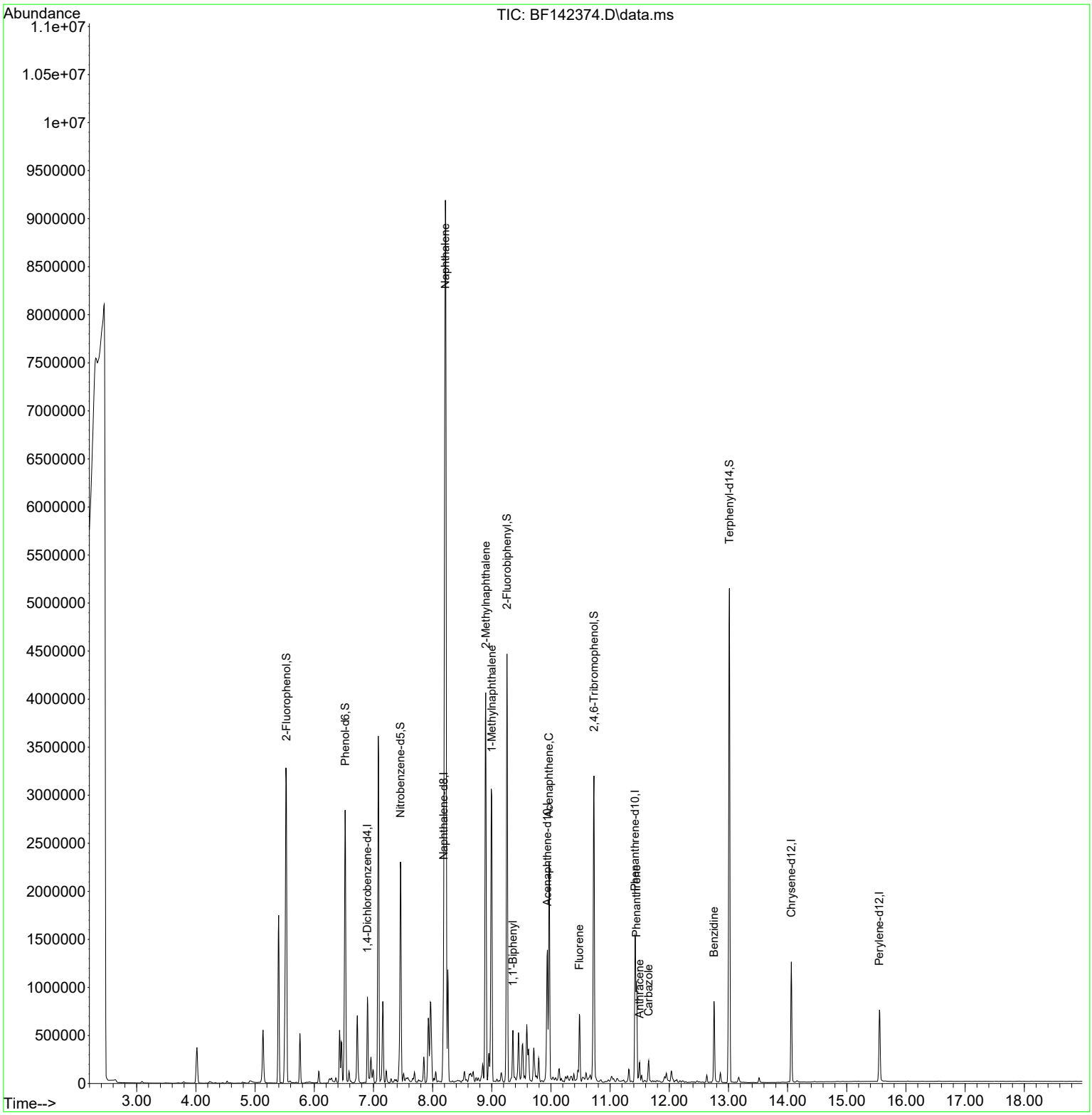
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	193601	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	700965	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	431926	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	818404	20.000	ng	-0.01
76) Chrysene-d12	14.062	240	596538	20.000	ng	0.00
86) Perylene-d12	15.551	264	441966	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1259695	111.074	ng	0.02
7) Phenol-d6	6.522	99	1411892	101.221	ng	0.00
23) Nitrobenzene-d5	7.457	82	1014127	88.234	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	634559	152.166	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2154409	71.121	ng	0.00
79) Terphenyl-d14	13.015	244	2743992	68.083	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.216	128	8272033	243.490	ng	# 94
37) 2-Methylnaphthalene	8.898	142	1721647	81.556	ng	98
38) 1-Methylnaphthalene	8.998	142	1255737	57.073	ng	100
46) 1,1'-Biphenyl	9.357	154	242762	7.330	ng	98
52) Acenaphthene	9.969	154	730699	29.496	ng	98
58) Fluorene	10.480	166	335166	12.012	ng	100
71) Phenanthrene	11.445	178	535570	12.485	ng	99
72) Anthracene	11.498	178	105212	2.387	ng	99
73) Carbazole	11.651	167	122247	3.091	ng	99
77) Benzidine	12.757	184	467773	43.149	ng	98

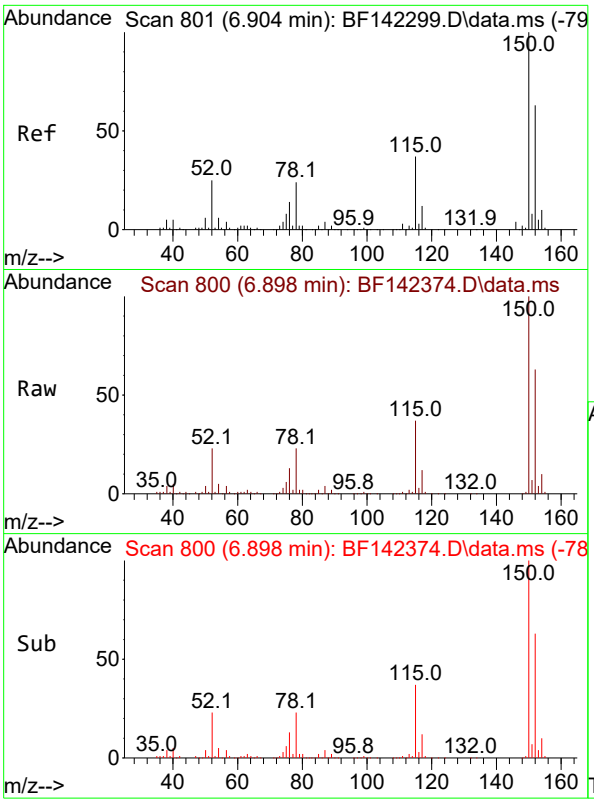
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142374.D
Acq On : 14 May 2025 19:10
Operator : RC/JU
Sample : Q2001-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Quant Time: May 15 01:03:31 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



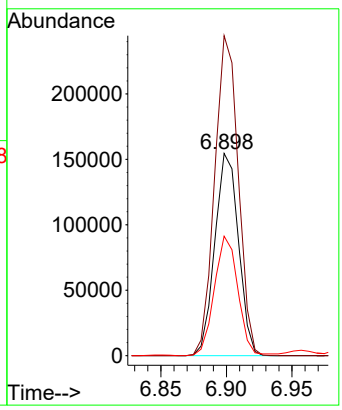


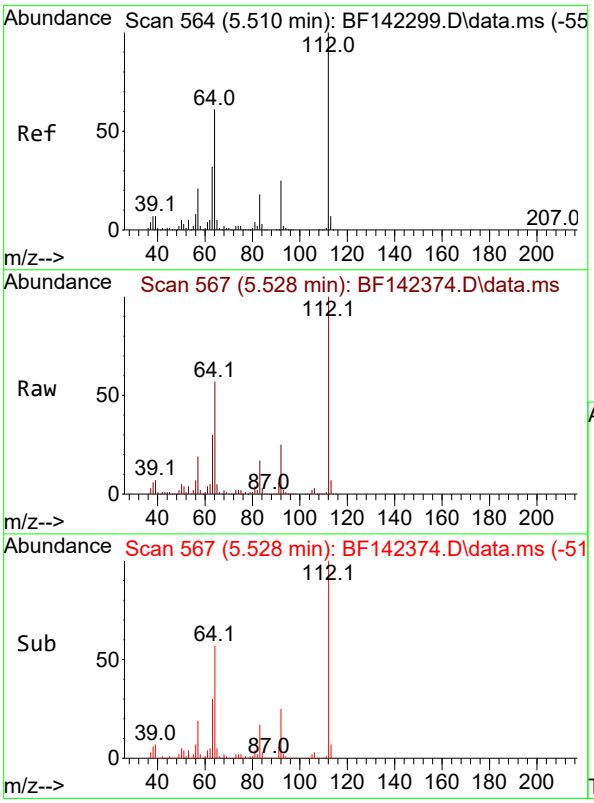
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:152 Resp: 193601

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.6	190.0
115	59.1	47.3	70.9

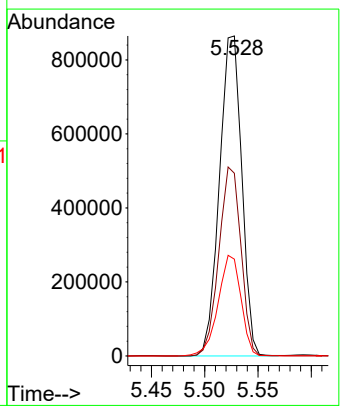


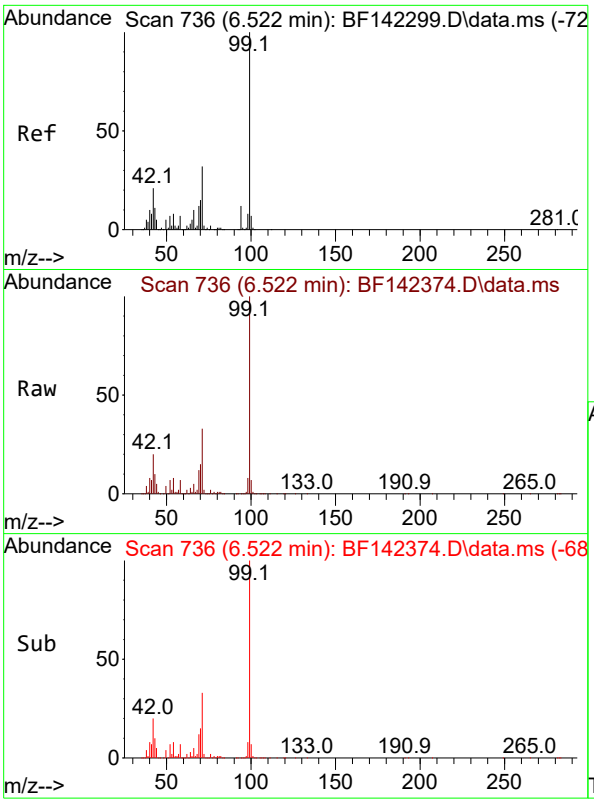


#5
2-Fluorophenol
Concen: 111.074 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.017 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:112 Resp: 1259695

Ion	Ratio	Lower	Upper
112	100		
64	57.1	48.9	73.3
63	30.3	25.6	38.4



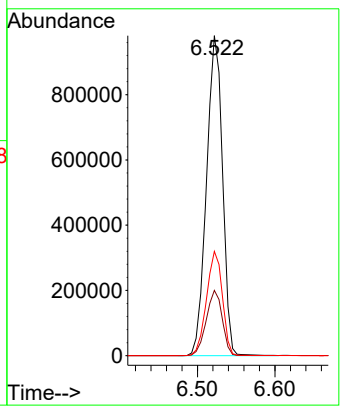


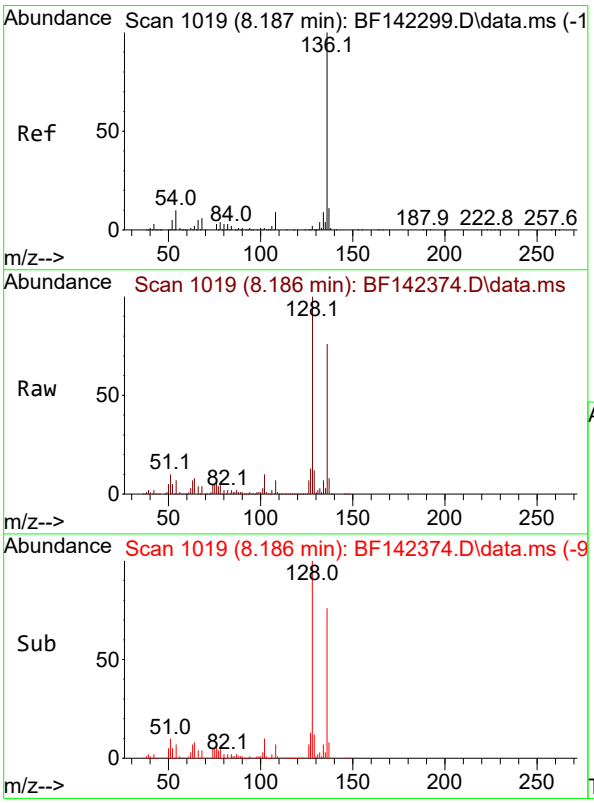
#7
Phenol-d6
Concen: 101.221 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion: 99 Resp: 1411892

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.0	25.4
71	32.6	25.8	38.8

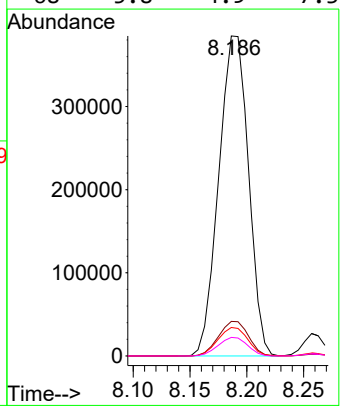


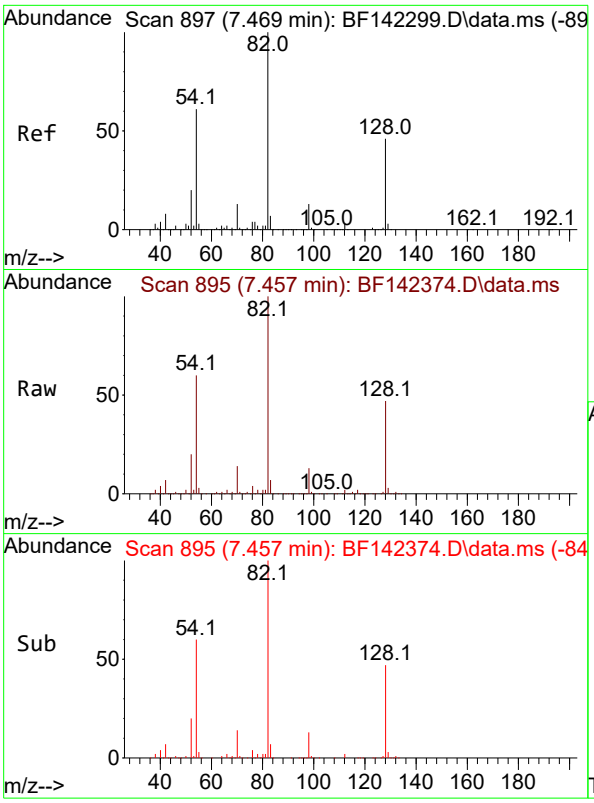


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:136 Resp: 700965

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.9	7.7	11.5
68	5.8	4.9	7.3



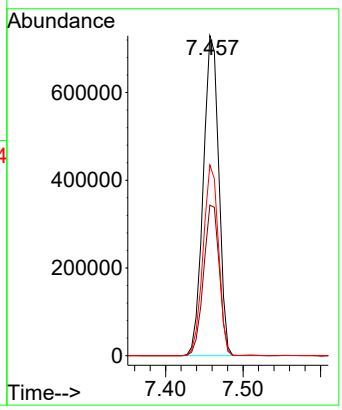


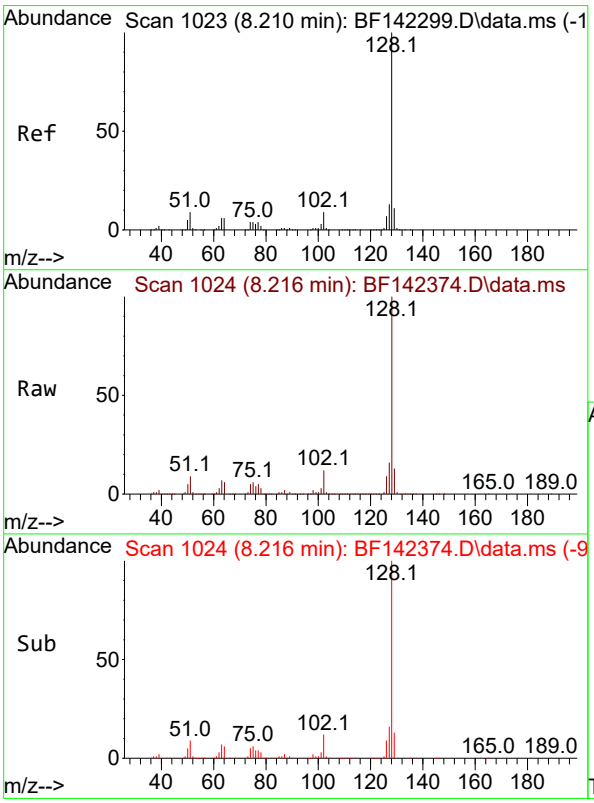
#23
Nitrobenzene-d5
Concen: 88.234 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion: 82 Resp: 1014127

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.0	55.6
54	59.6	48.6	73.0

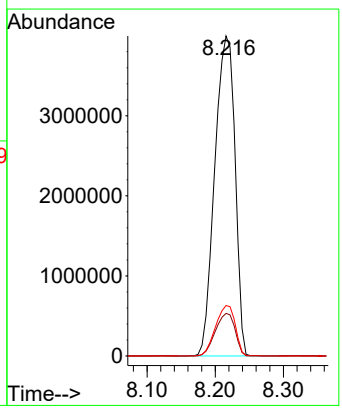


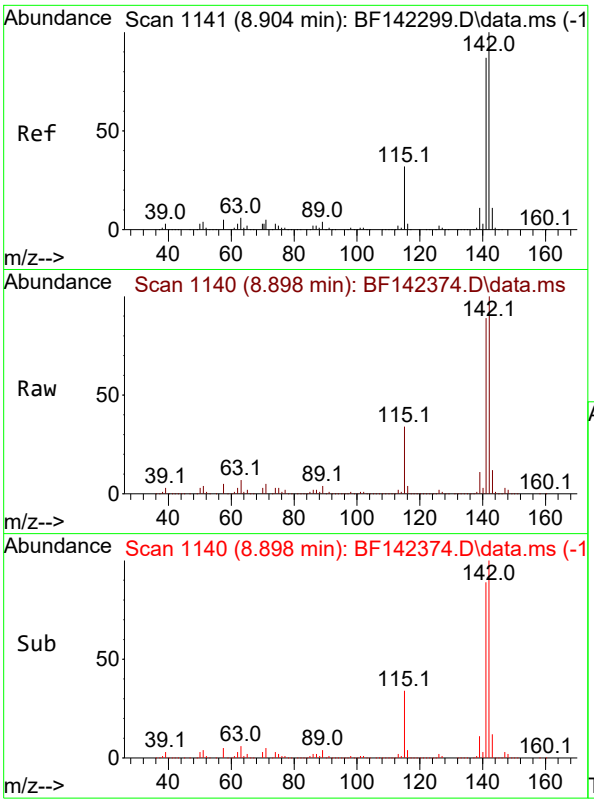


#31
Naphthalene
Concen: 243.490 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:128 Resp: 8272033

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.1	13.7
127	15.7	10.5	15.7#



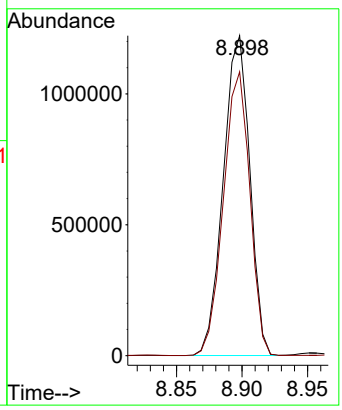


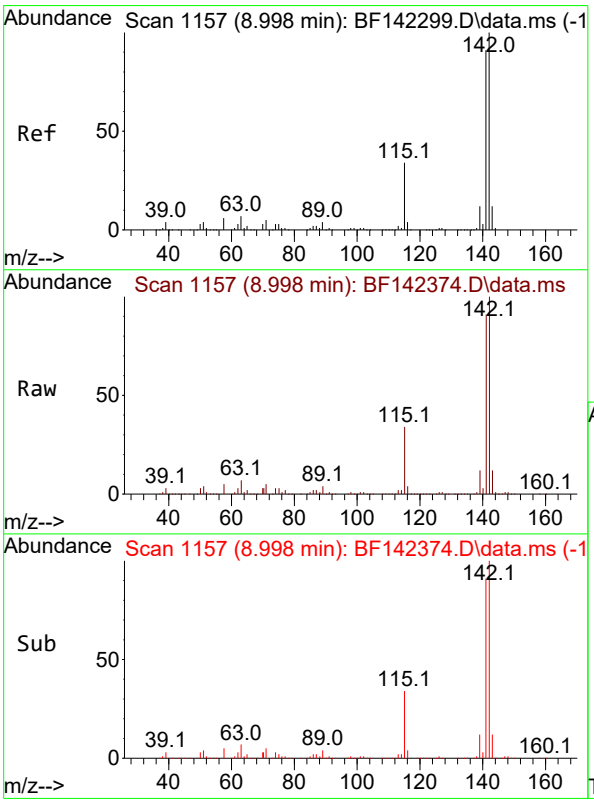
#37
2-Methylnaphthalene
Concen: 81.556 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:142 Resp: 1721647

Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.4	104.2

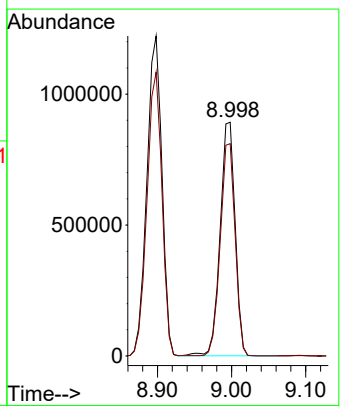


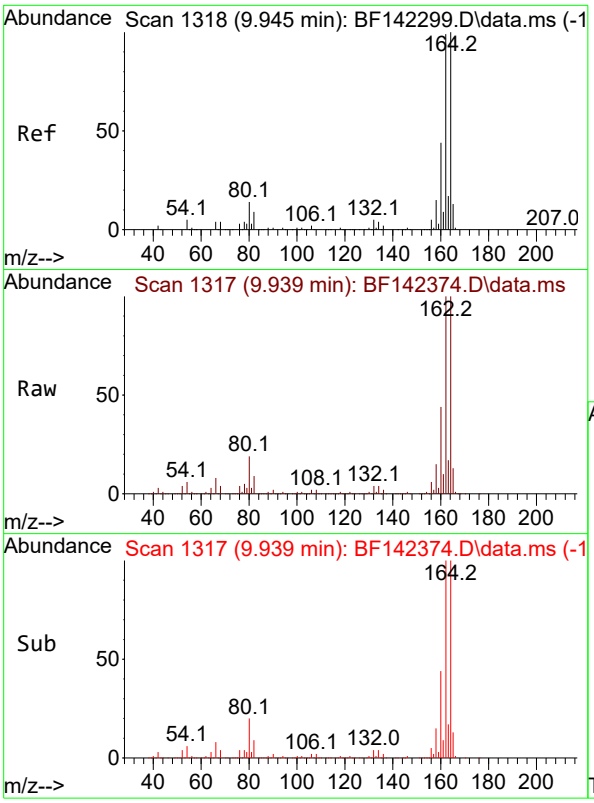


#38
1-Methylnaphthalene
Concen: 57.073 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:142 Resp: 1255737

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.5	108.7



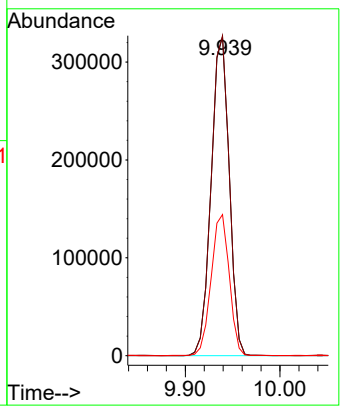


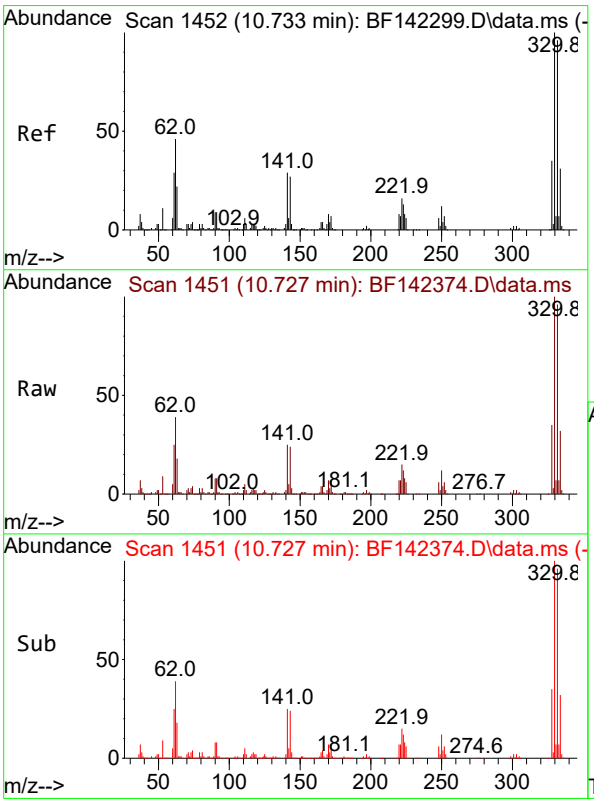
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:164 Resp: 431926

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.2	118.8
160	44.2	35.3	52.9

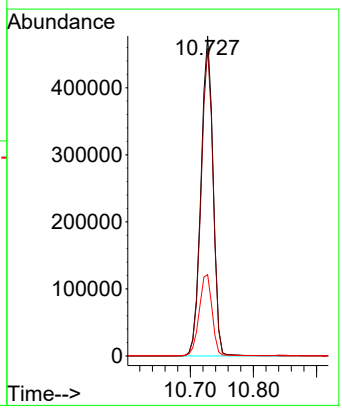


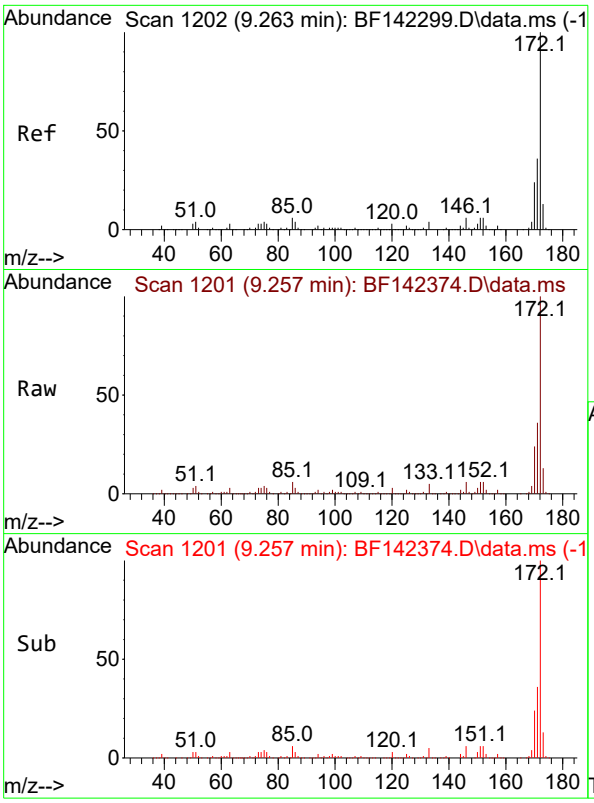


#42
2,4,6-Tribromophenol
Concen: 152.166 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:330 Resp: 634559

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	27.0	24.9	37.3



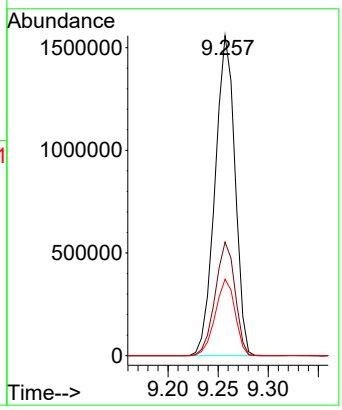


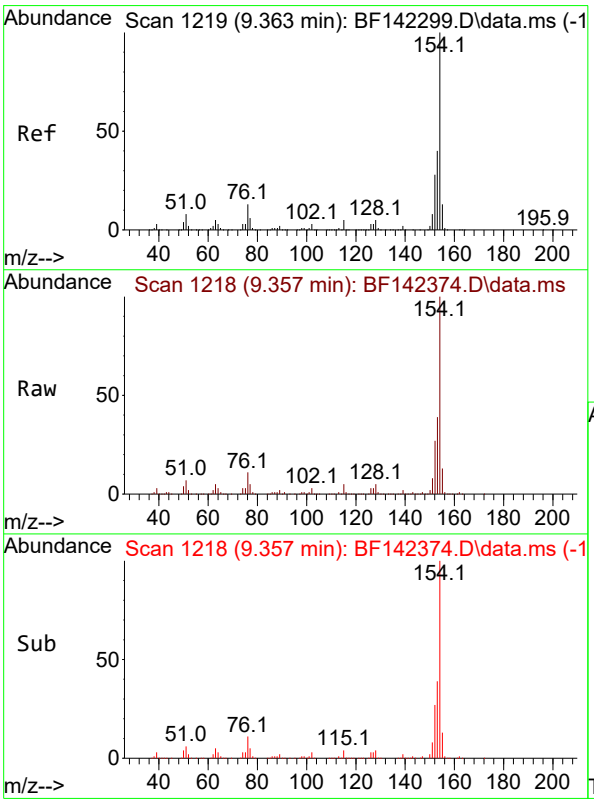
#45
2-Fluorobiphenyl
Concen: 71.121 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:172 Resp: 2154409

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.9	19.0	28.4

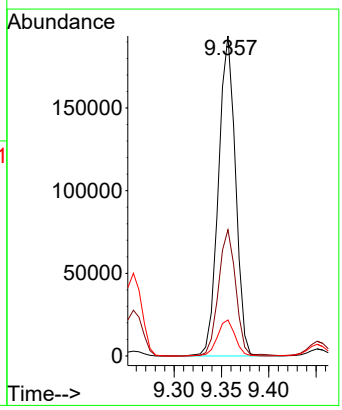


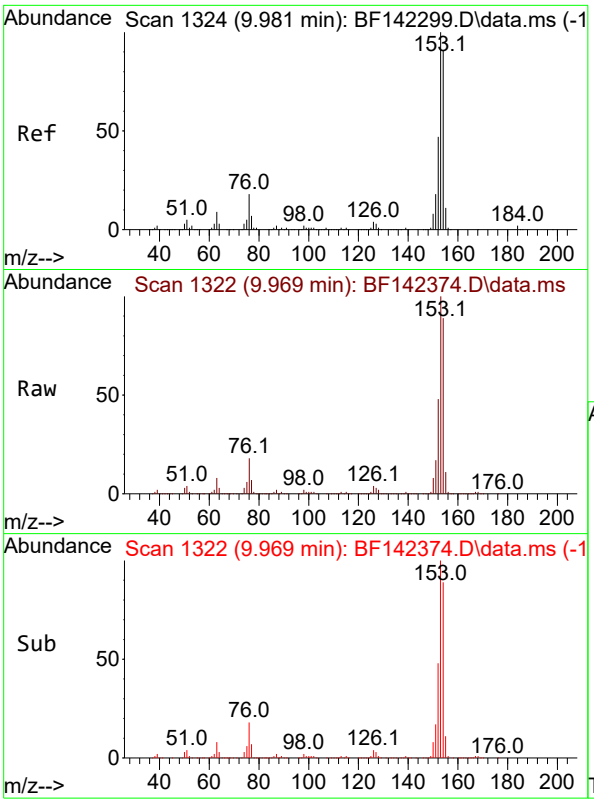


#46
1,1'-Biphenyl
Concen: 7.330 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:154 Resp: 242762

Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.5	60.5
76	11.2	0.0	32.8



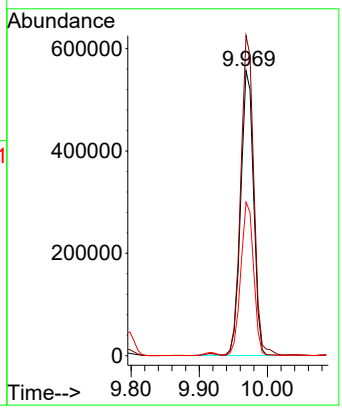


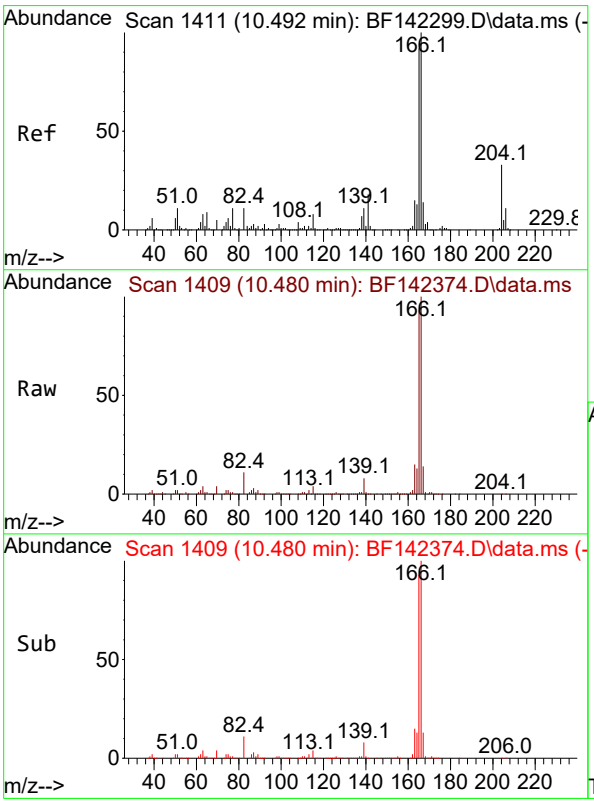
#52
Acenaphthene
Concen: 29.496 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:154 Resp: 730699

Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.0	132.0
152	53.8	41.6	62.4

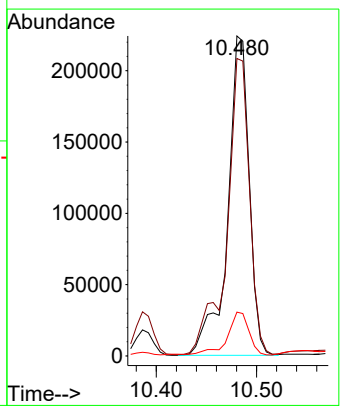


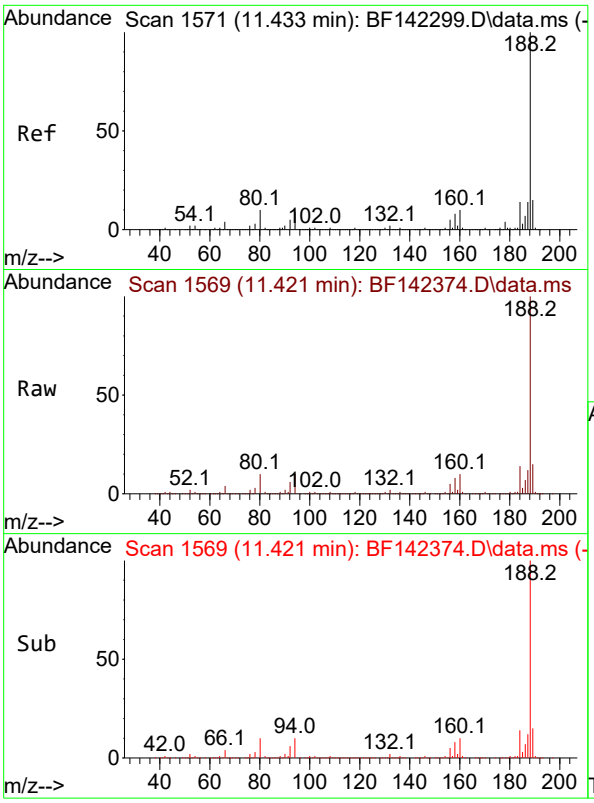


#58
Fluorene
Concen: 12.012 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:166 Resp: 335166

Ion	Ratio	Lower	Upper
166	100		
165	93.0	74.0	111.0
167	13.7	10.9	16.3



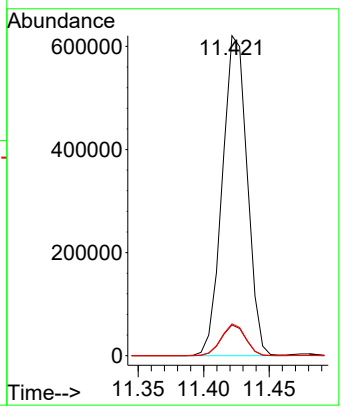


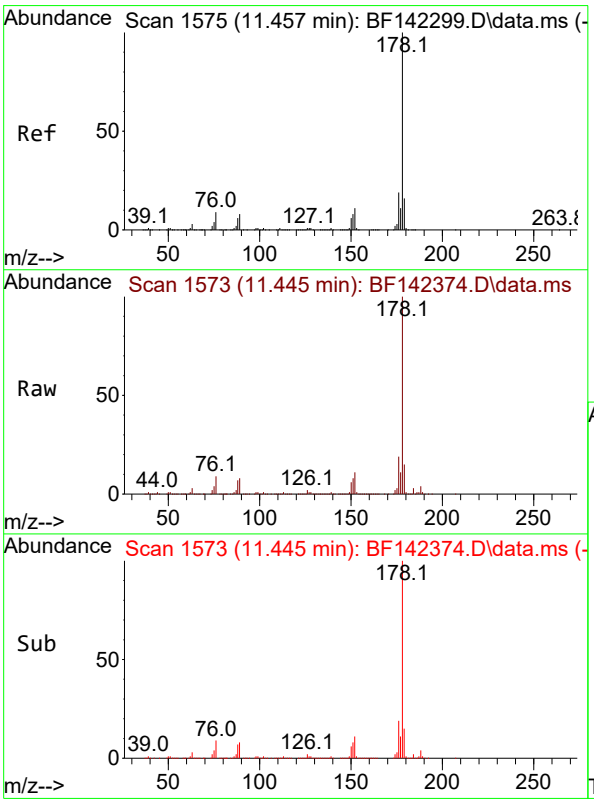
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:188 Resp: 818404

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.5	11.3
80	10.0	7.9	11.9

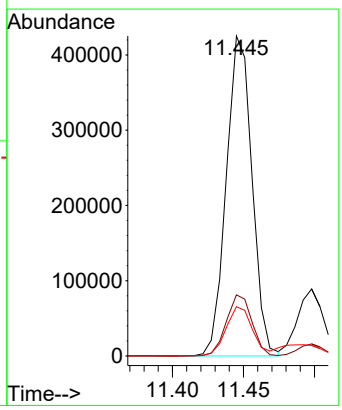


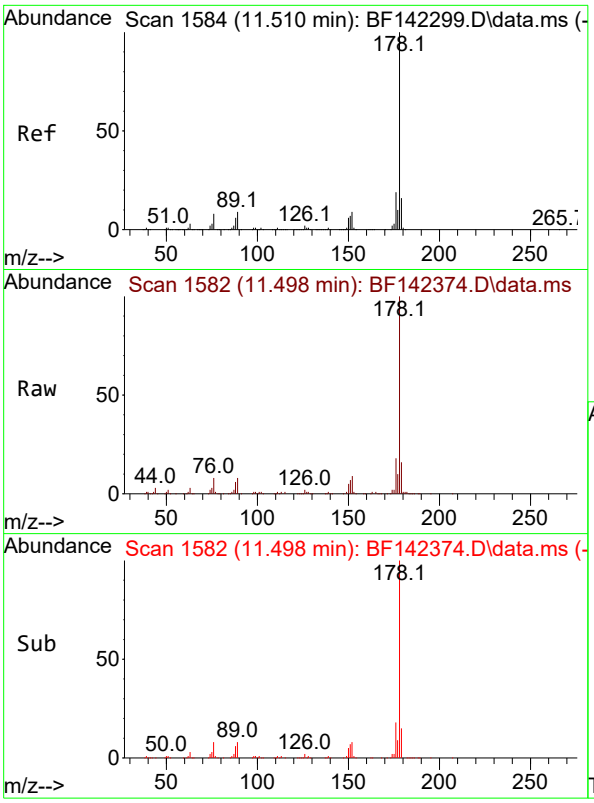


#71
Phenanthrene
Concen: 12.485 ng
RT: 11.445 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:178 Resp: 535570

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.4	12.6	18.8



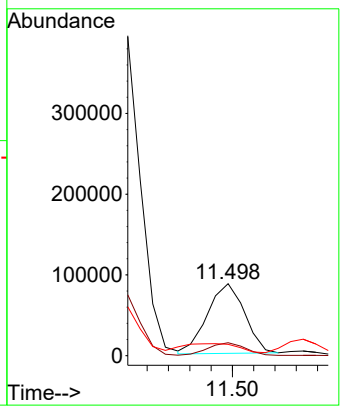


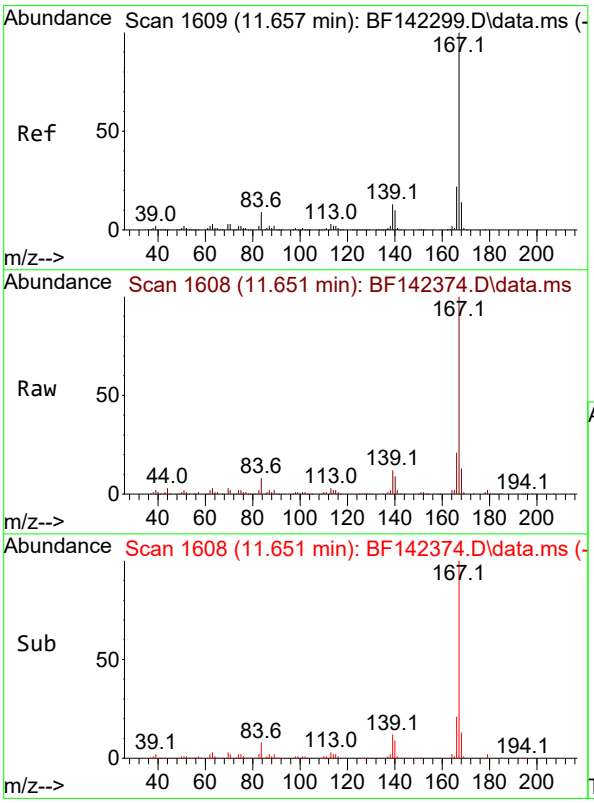
#72
Anthracene
Concen: 2.387 ng
RT: 11.498 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:178 Resp: 105212

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.3	22.9
179	15.8	12.6	18.8

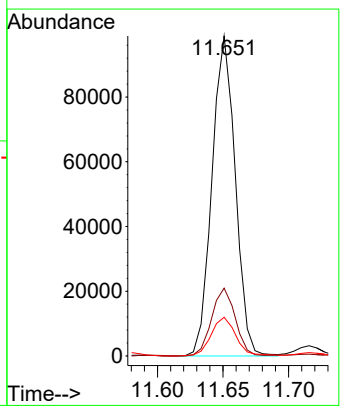


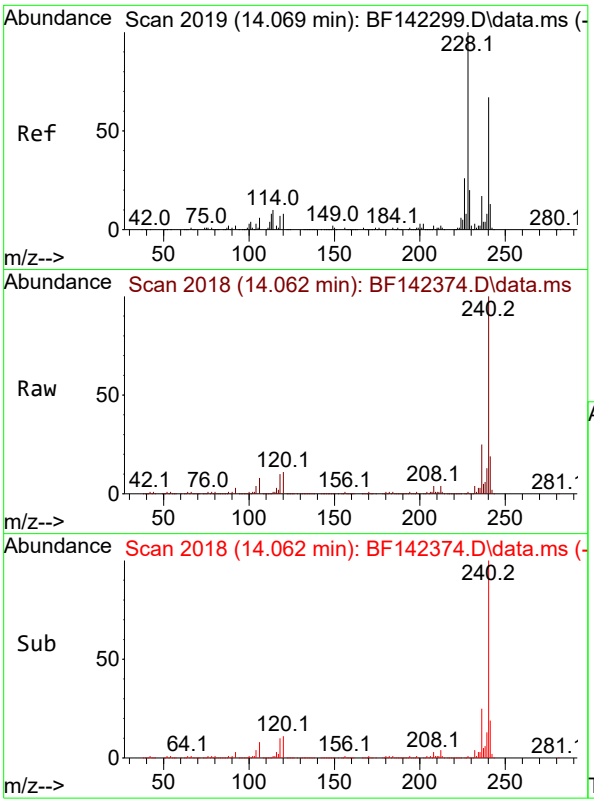


#73
Carbazole
Concen: 3.091 ng
RT: 11.651 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:167 Resp: 122247

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.1	10.3	15.5



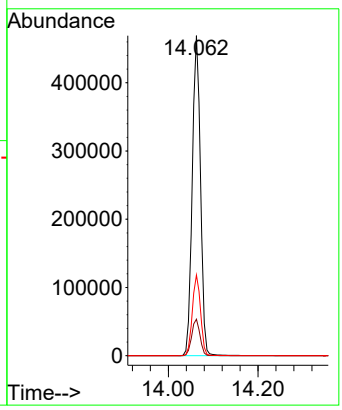


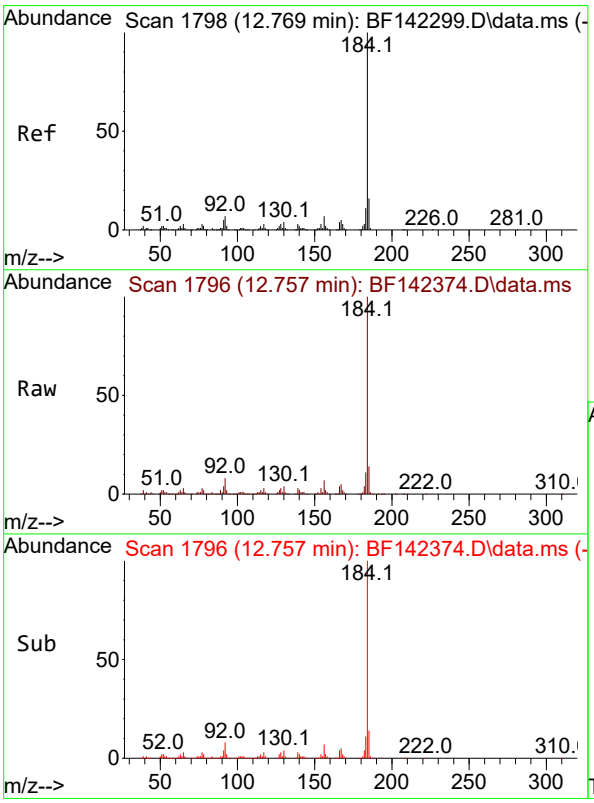
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:240 Resp: 596538

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.7	14.5
236	25.2	20.0	30.0

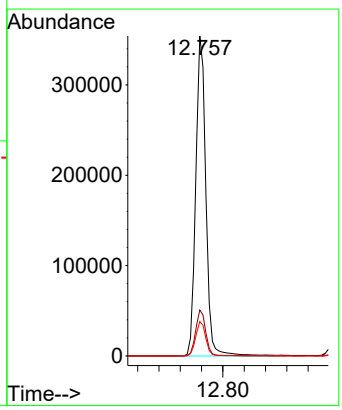


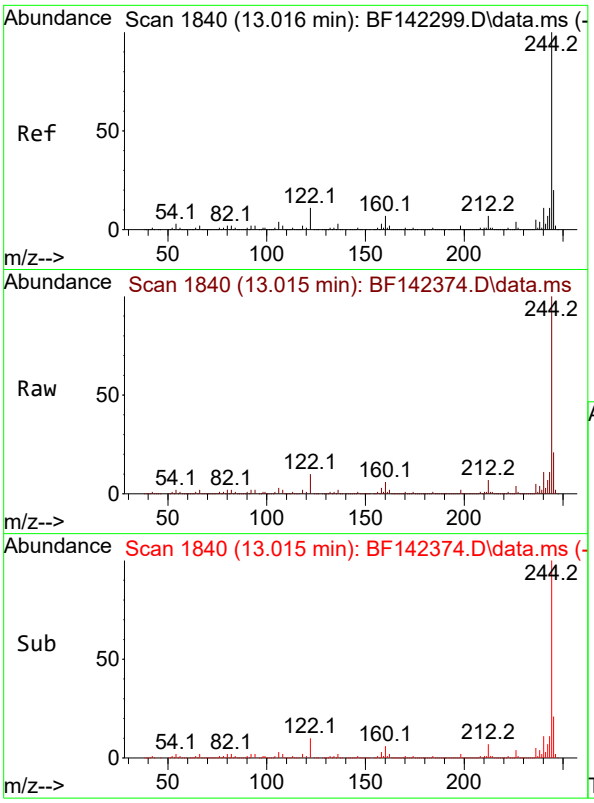


#77
Benzidine
Concen: 43.149 ng
RT: 12.757 min Scan# 1796
Delta R.T. -0.012 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:184 Resp: 467773

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	10.7	8.6	12.8



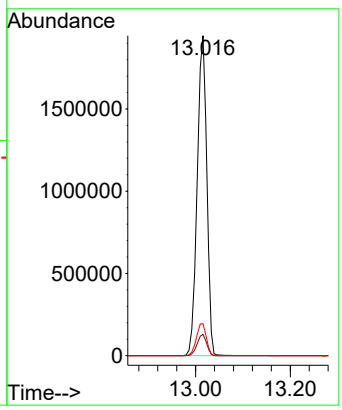


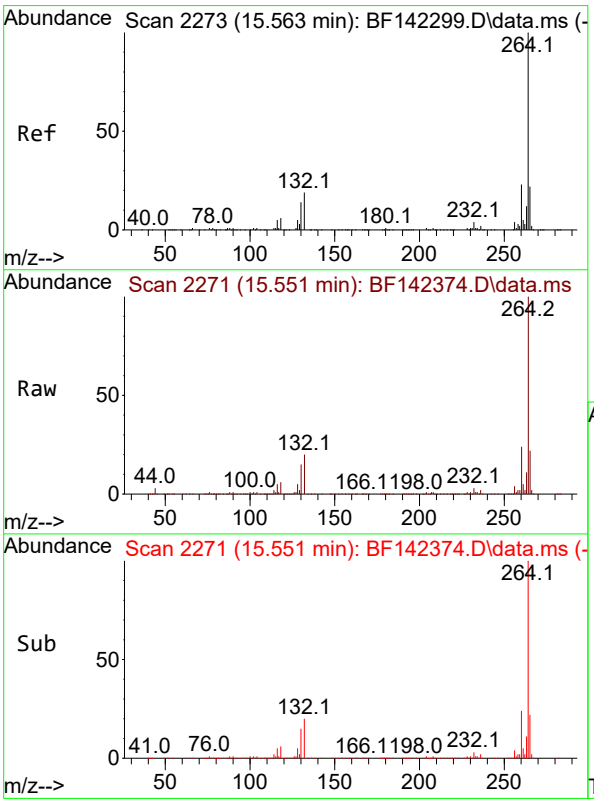
#79
Terphenyl-d14
Concen: 68.083 ng
RT: 13.015 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:244 Resp: 2743992

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.0	9.0	13.4

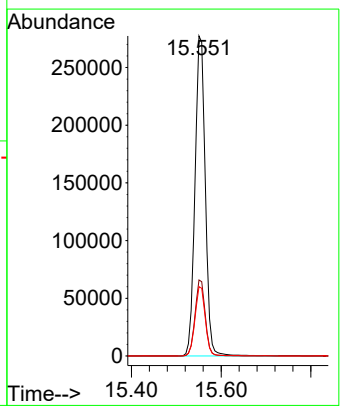




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:264 Resp: 441966

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.7	17.5	26.3



Raw Data: **BF142375.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	05/08/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A1-06-C	SDG No.:	Q2001
Lab Sample ID:	Q2001-11	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF142375.D	1	05/13/25 11:16	05/14/25 19:39	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	105		15 (10) - 110 (139)	70%	SPK: 150
13127-88-3	Phenol-d6	98.2		15 (10) - 110 (134)	65%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.6		30 (49) - 130 (133)	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	67.7		30 (52) - 130 (132)	68%	SPK: 100
118-79-6	2,4,6-Tribromophenol	153		15 (44) - 110 (137)	102%	SPK: 150
1718-51-0	Terphenyl-d14	69.3		30 (48) - 130 (125)	69%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	197000	6.898			
1146-65-2	Naphthalene-d8	644000	8.192			
15067-26-2	Acenaphthene-d10	446000	9.939			
1517-22-2	Phenanthrene-d10	830000	11.421			
1719-03-5	Chrysene-d12	605000	14.062			
1520-96-3	Perylene-d12	463000	15.551			

Raw Data: **BF142375.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	05/08/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A1-06-C	SDG No.:	Q2001
Lab Sample ID:	Q2001-11	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF142375.D	1	05/13/25 11:16	05/14/25 19:39	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142375.D
Acq On : 14 May 2025 19:39
Operator : RC/JU
Sample : Q2001-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A1-06-C

Quant Time: May 15 01:03:51 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

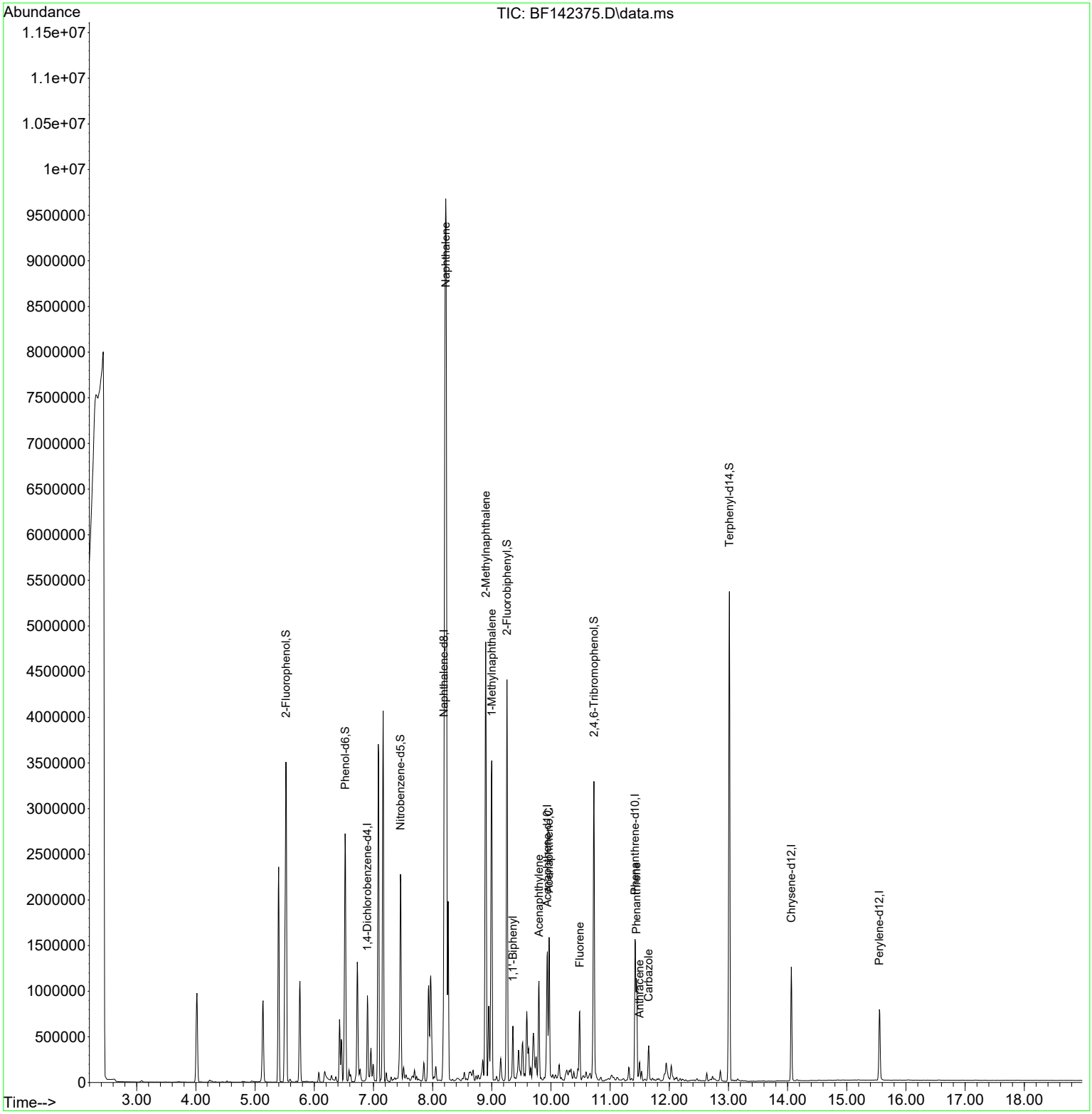
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	196619	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	643807	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	445636	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	829506	20.000	ng	-0.01
76) Chrysene-d12	14.062	240	604563	20.000	ng	0.00
86) Perylene-d12	15.551	264	463034	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1205518	104.665	ng	0.01
7) Phenol-d6	6.522	99	1390811	98.179	ng	0.00
23) Nitrobenzene-d5	7.457	82	998252	94.563	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	656955	152.690	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2114810	67.666	ng	0.00
79) Terphenyl-d14	13.015	244	2831552	69.323	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.222	128	10609886	340.032	ng	# 93
37) 2-Methylnaphthalene	8.898	142	2074928	107.017	ng	97
38) 1-Methylnaphthalene	8.998	142	1425255	70.528	ng	99
46) 1,1'-Biphenyl	9.357	154	269112	7.876	ng	99
49) Acenaphthylene	9.798	152	596663	14.036	ng	99
52) Acenaphthene	9.969	154	488582	19.115	ng	98
58) Fluorene	10.486	166	362146	12.580	ng	96
71) Phenanthrene	11.445	178	581318	13.370	ng	99
72) Anthracene	11.498	178	96151	2.152	ng	99
73) Carbazole	11.651	167	214918	5.362	ng	99

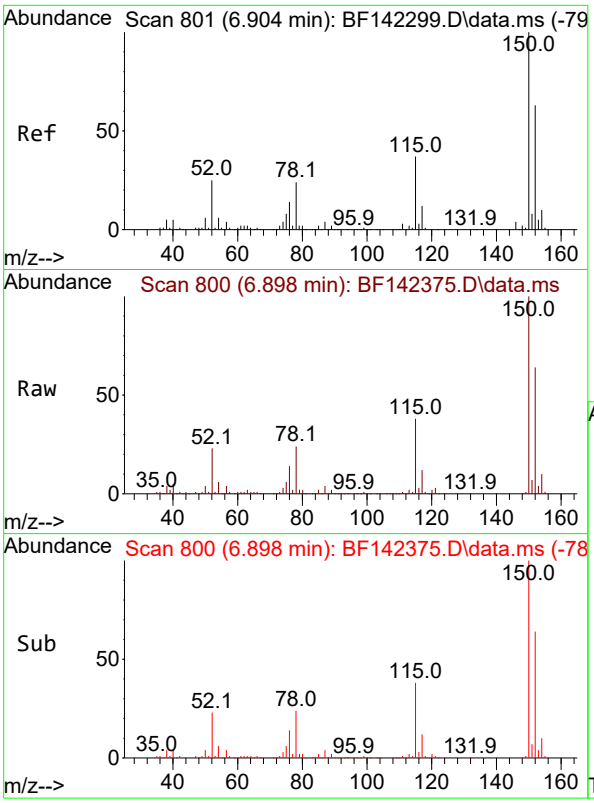
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142375.D
Acq On : 14 May 2025 19:39
Operator : RC/JU
Sample : Q2001-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A1-06-C

Quant Time: May 15 01:03:51 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



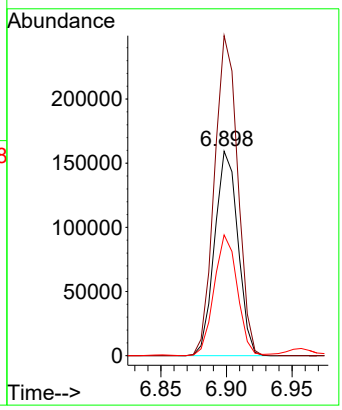


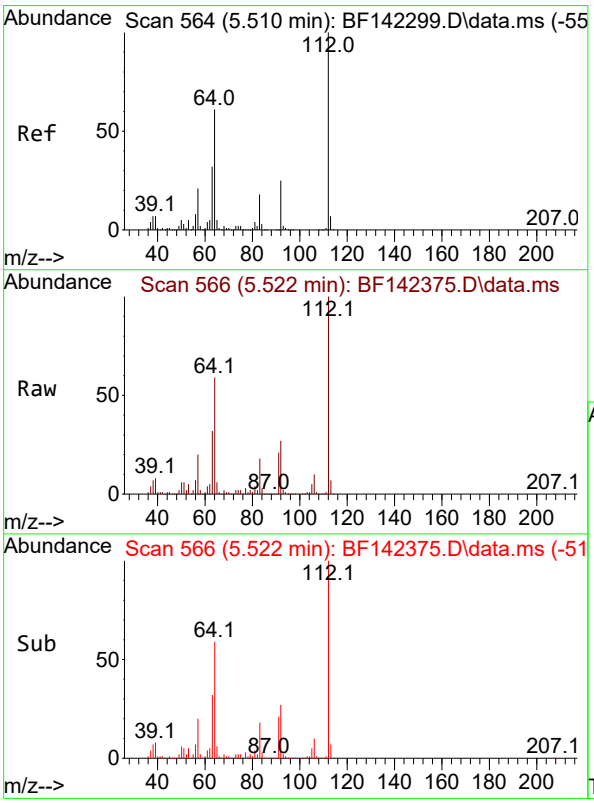
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Instrument :
BNA_F
ClientSampleId :
WC-A1-06-C

Tgt Ion:152 Resp: 196619

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.6	190.0
115	59.1	47.3	70.9

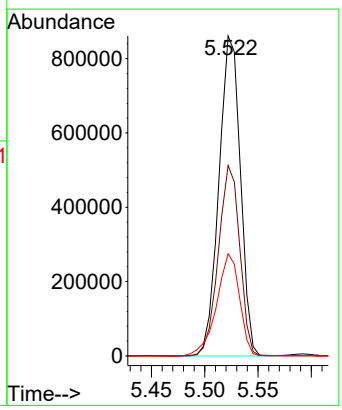


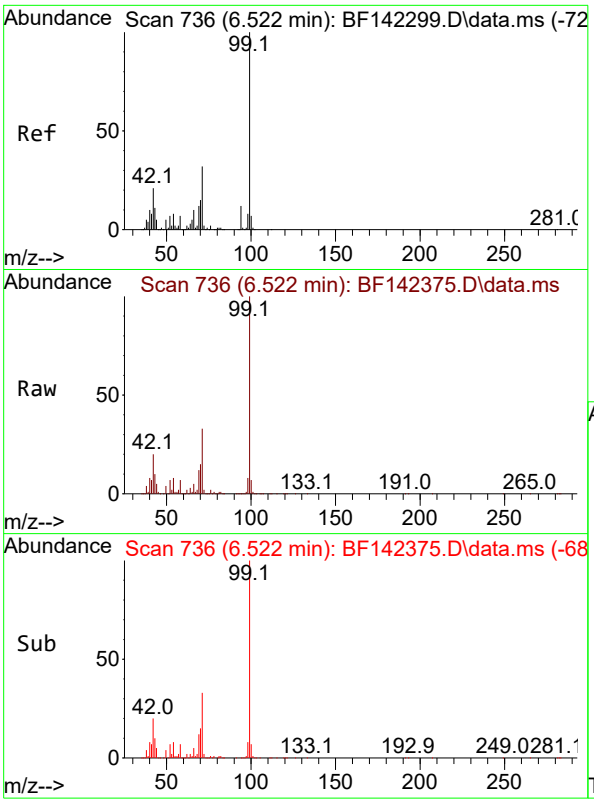


#5
2-Fluorophenol
Concen: 104.665 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Tgt Ion:112 Resp: 1205518

Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.9	73.3
63	31.9	25.6	38.4



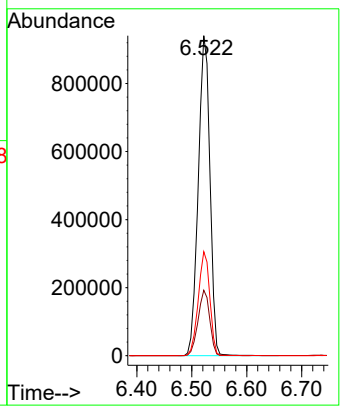


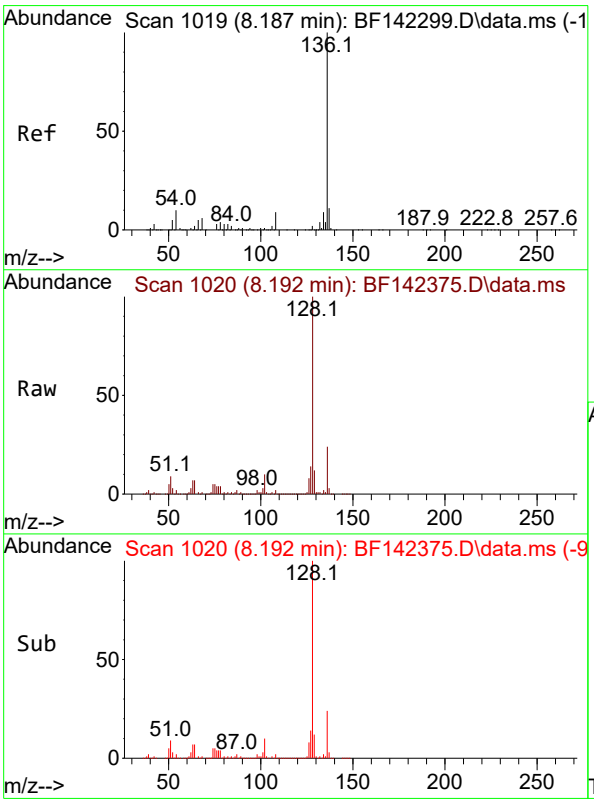
#7
Phenol-d6
Concen: 98.179 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Instrument :
BNA_F
ClientSampleId :
WC-A1-06-C

Tgt Ion: 99 Resp: 1390811

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.0	25.4
71	32.5	25.8	38.8

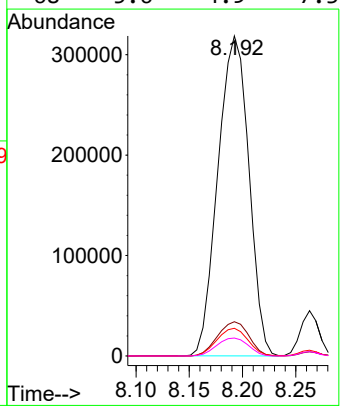


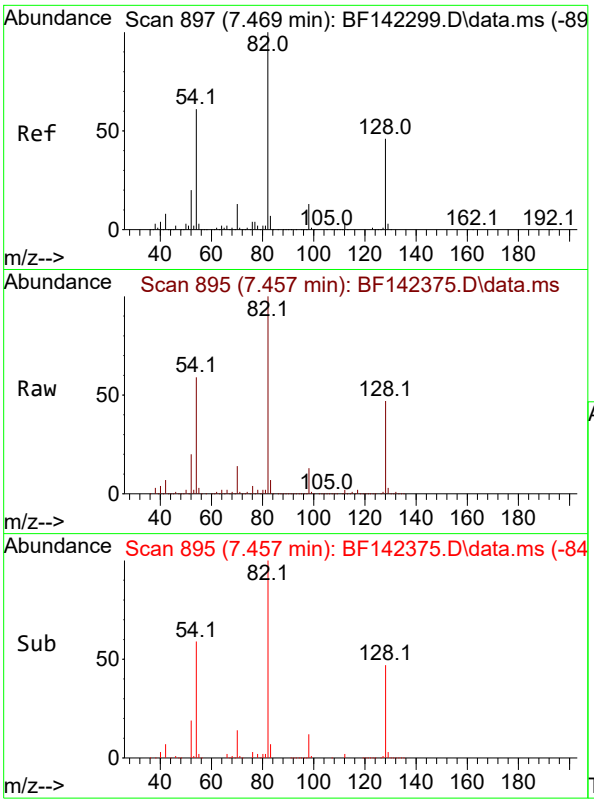


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Tgt Ion:136 Resp: 643807

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.6	7.7	11.5
68	5.6	4.9	7.3



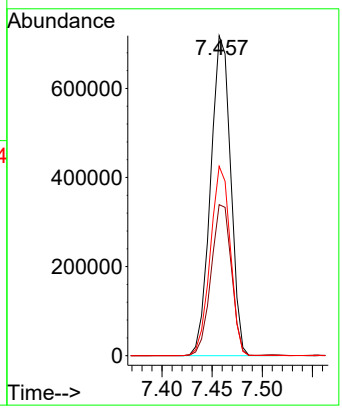


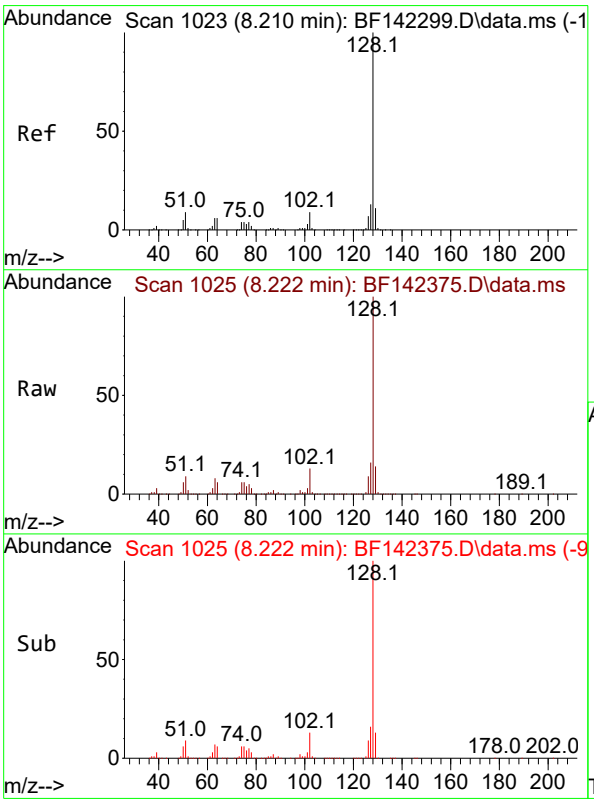
#23
Nitrobenzene-d5
Concen: 94.563 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Instrument :
BNA_F
ClientSampleId :
WC-A1-06-C

Tgt Ion: 82 Resp: 998252

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.0	55.6
54	59.2	48.6	73.0

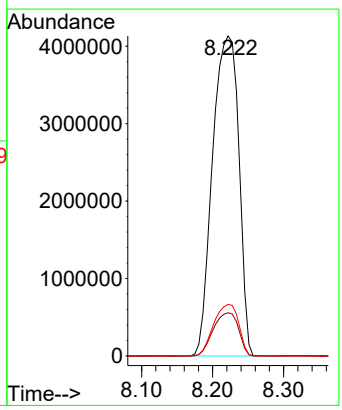


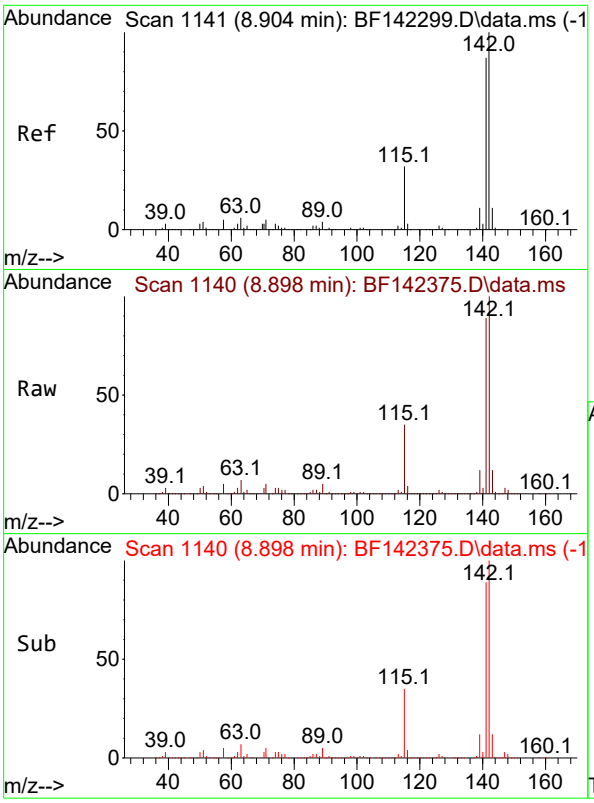


#31
Naphthalene
Concen: 340.032 ng
RT: 8.222 min Scan# 1025
Delta R.T. 0.012 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Tgt Ion:128 Resp:10609886

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.1	13.7
127	16.1	10.5	15.7#



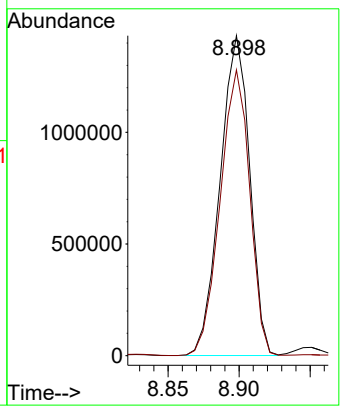


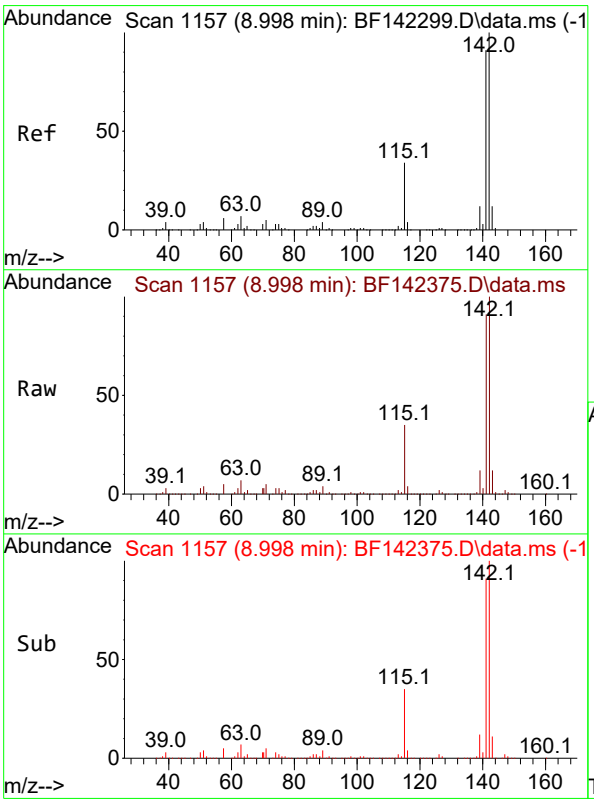
#37
2-Methylnaphthalene
Concen: 107.017 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Instrument :
BNA_F
ClientSampleId :
WC-A1-06-C

Tgt Ion:142 Resp: 2074928

Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.4	104.2

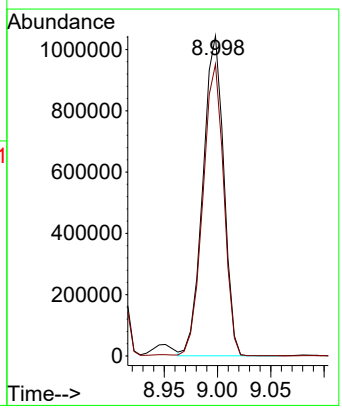


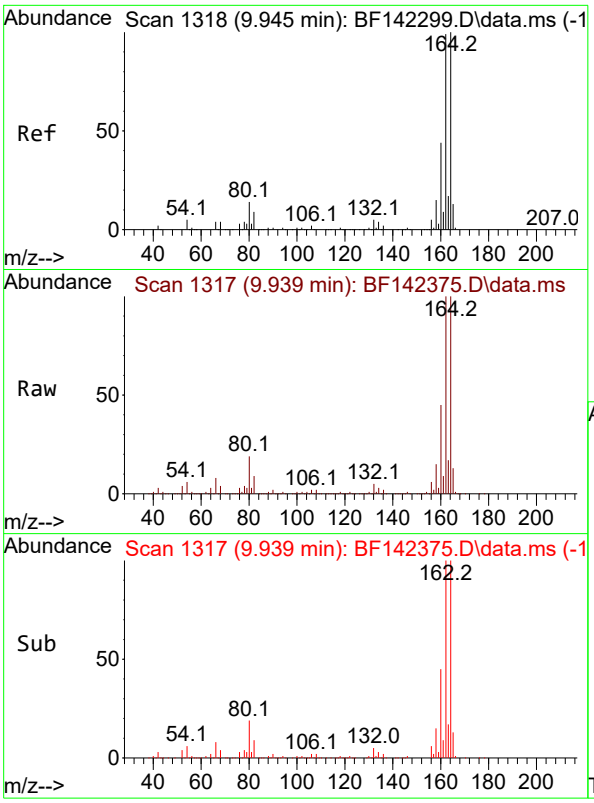


#38
1-Methylnaphthalene
Concen: 70.528 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Tgt Ion:142 Resp: 1425255

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.5	108.7



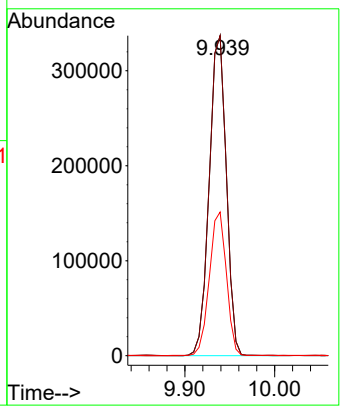


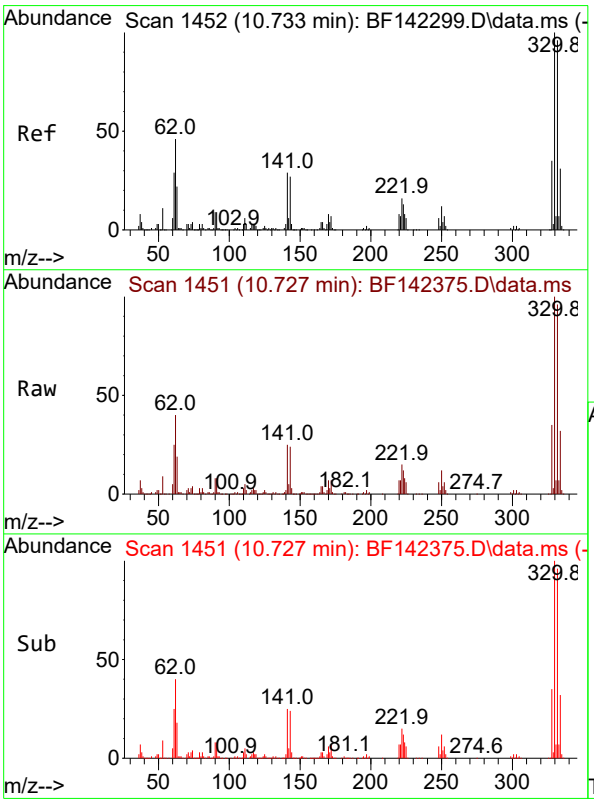
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Instrument :
BNA_F
ClientSampleId :
WC-A1-06-C

Tgt Ion:164 Resp: 445636

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.2	118.8
160	44.9	35.3	52.9

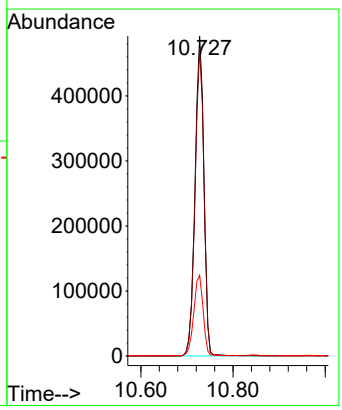


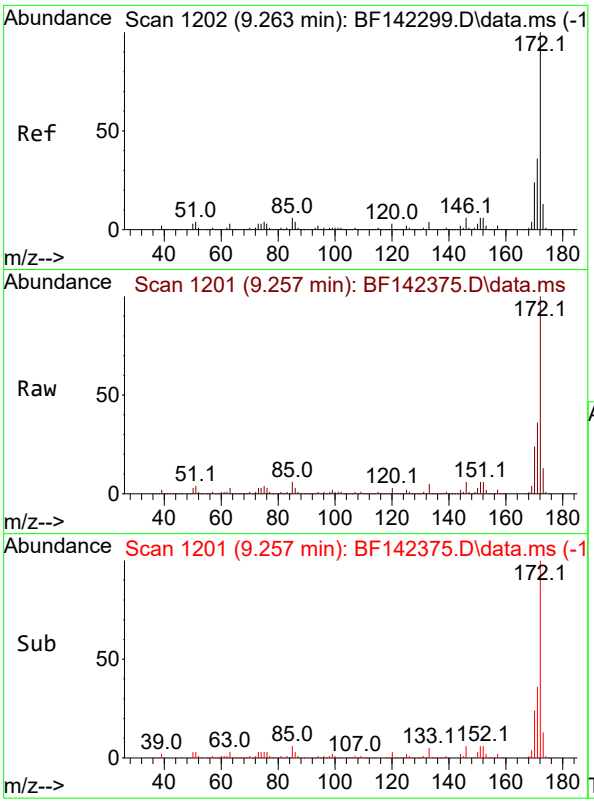


#42
2,4,6-Tribromophenol
Concen: 152.690 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Tgt Ion:330 Resp: 656955

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	26.5	24.9	37.3



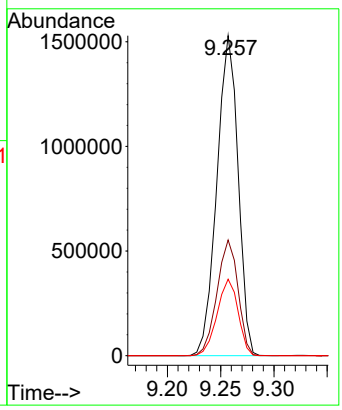


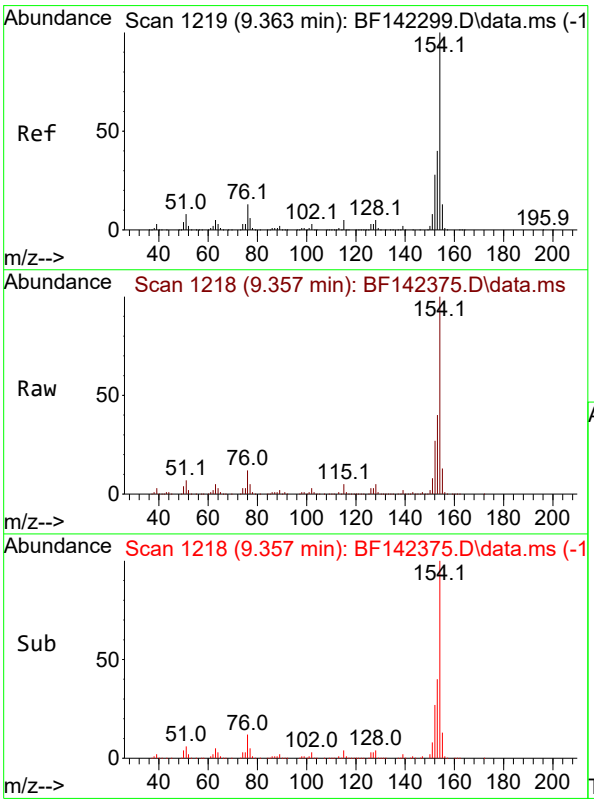
#45
2-Fluorobiphenyl
Concen: 67.666 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Instrument :
BNA_F
ClientSampleId :
WC-A1-06-C

Tgt Ion:172 Resp: 2114810

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	23.9	19.0	28.4

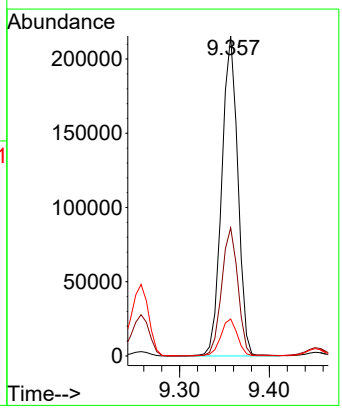


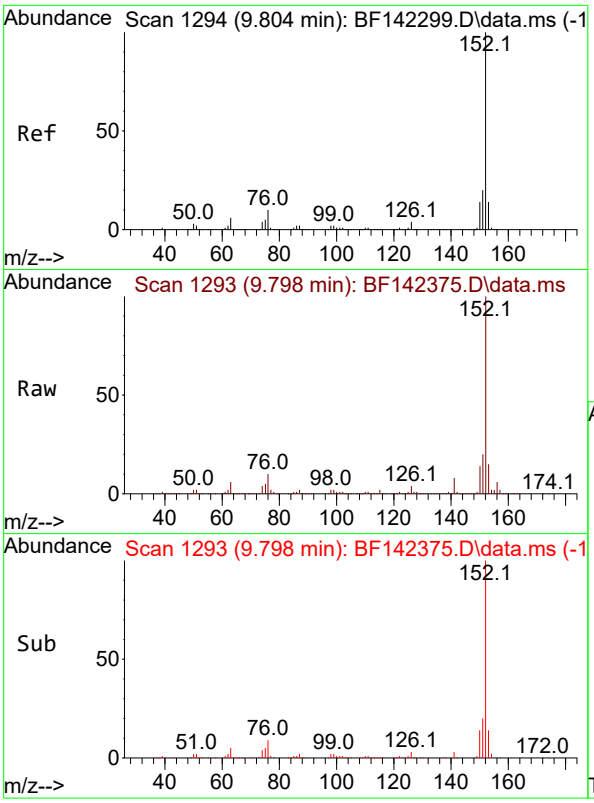


#46
1,1'-Biphenyl
Concen: 7.876 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Tgt Ion:154 Resp: 269112

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.5	60.5
76	11.6	0.0	32.8



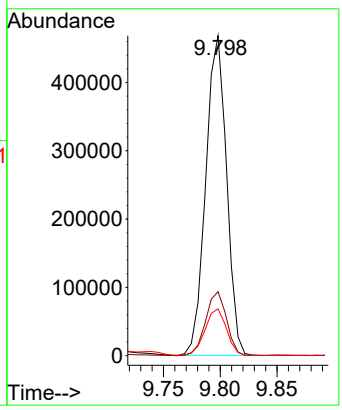


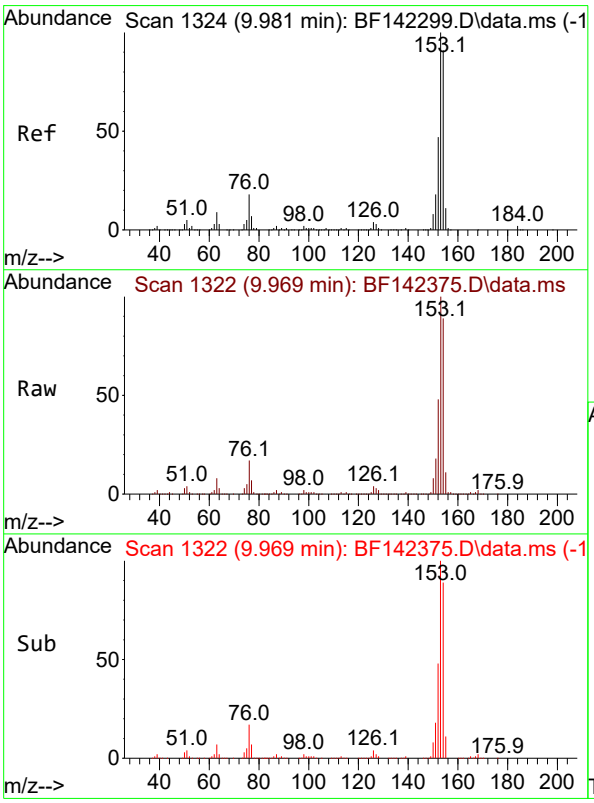
#49
Acenaphthylene
Concen: 14.036 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Instrument :
BNA_F
ClientSampleId :
WC-A1-06-C

Tgt Ion:152 Resp: 596663

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	14.6	10.8	16.2

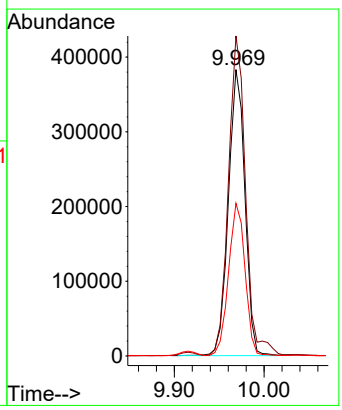


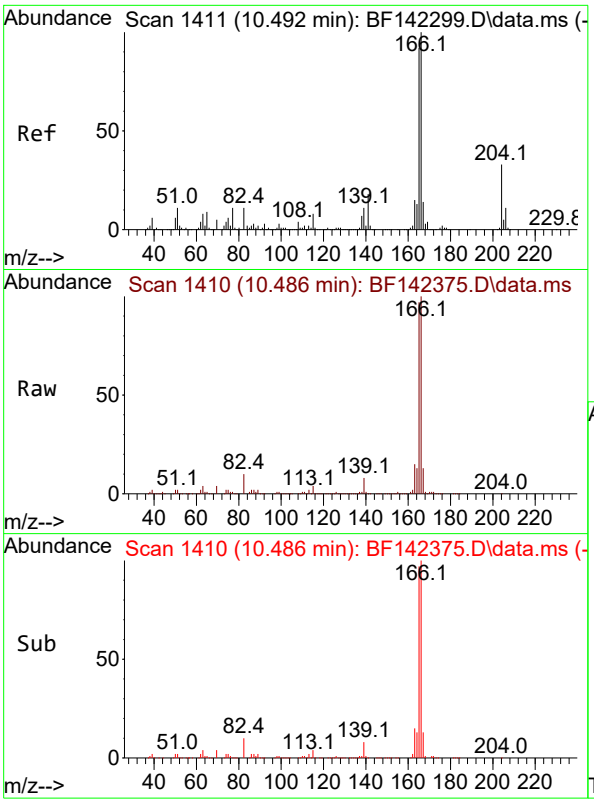


#52
Acenaphthene
Concen: 19.115 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Tgt Ion:154 Resp: 488582

Ion	Ratio	Lower	Upper
154	100		
153	111.7	88.0	132.0
152	53.3	41.6	62.4



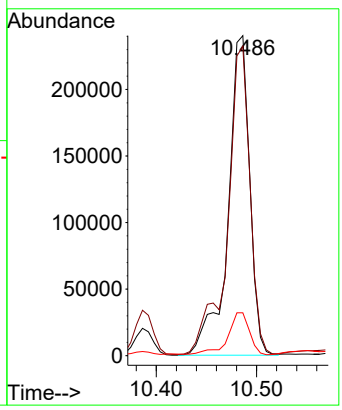


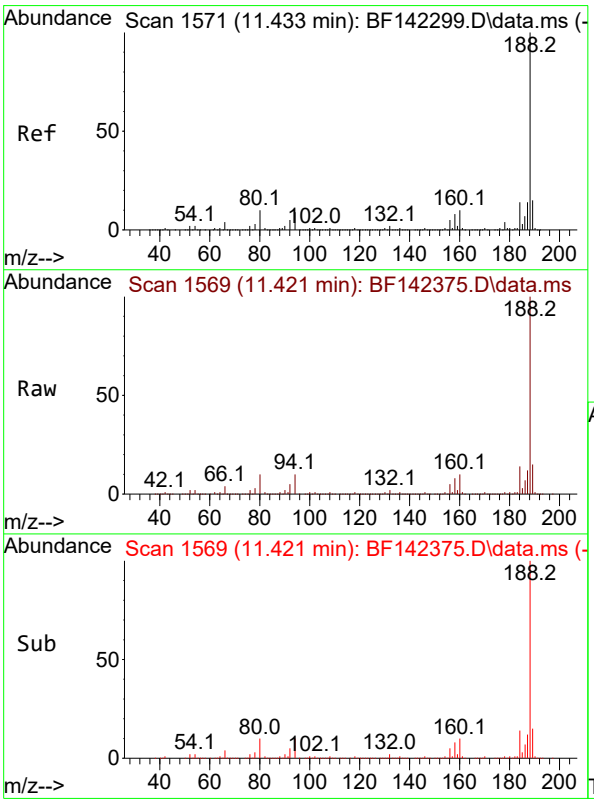
#58
Fluorene
Concen: 12.580 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Instrument :
BNA_F
ClientSampleId :
WC-A1-06-C

Tgt Ion:166 Resp: 362146

Ion	Ratio	Lower	Upper
166	100		
165	96.7	74.0	111.0
167	13.4	10.9	16.3

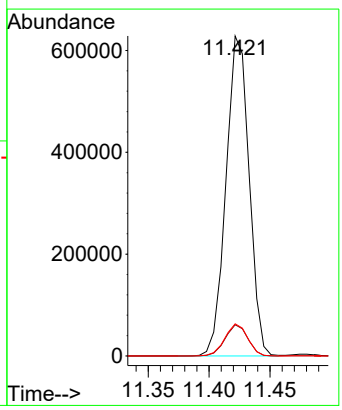


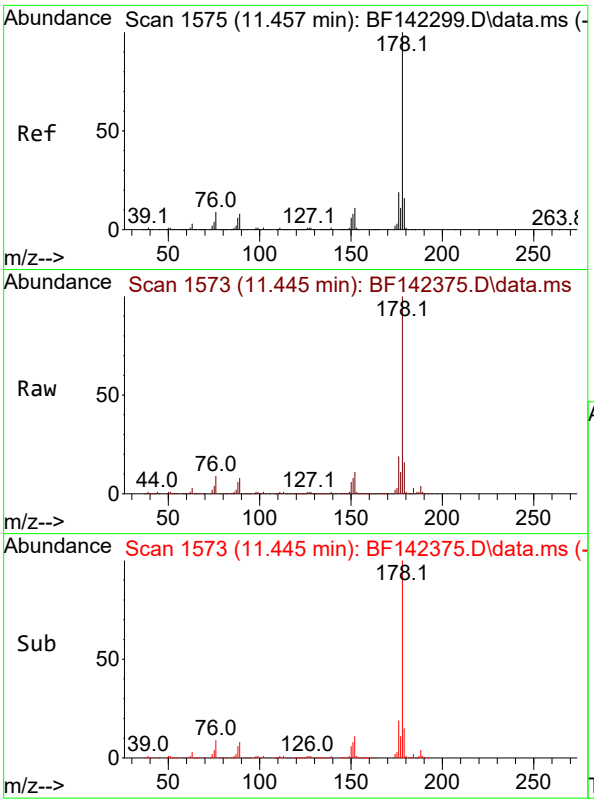


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Tgt Ion:188 Resp: 829506

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



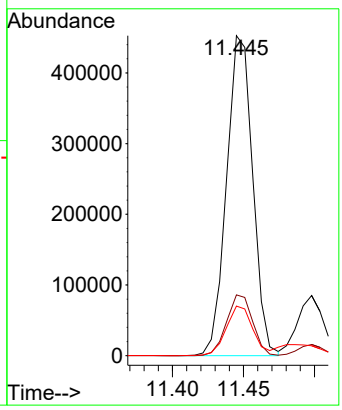


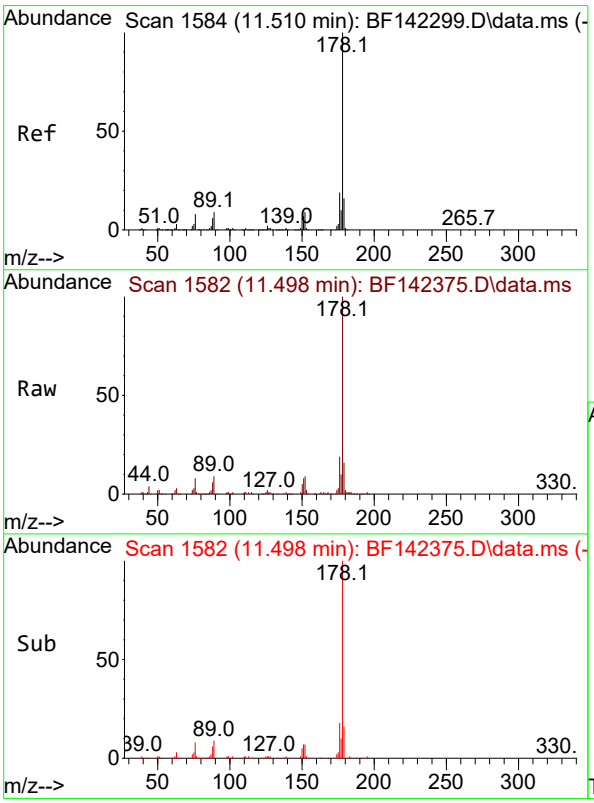
#71
Phenanthrene
Concen: 13.370 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Instrument :
BNA_F
ClientSampleId :
WC-A1-06-C

Tgt Ion:178 Resp: 581318

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.5	12.6	18.8

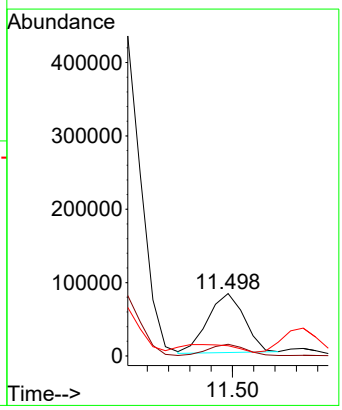


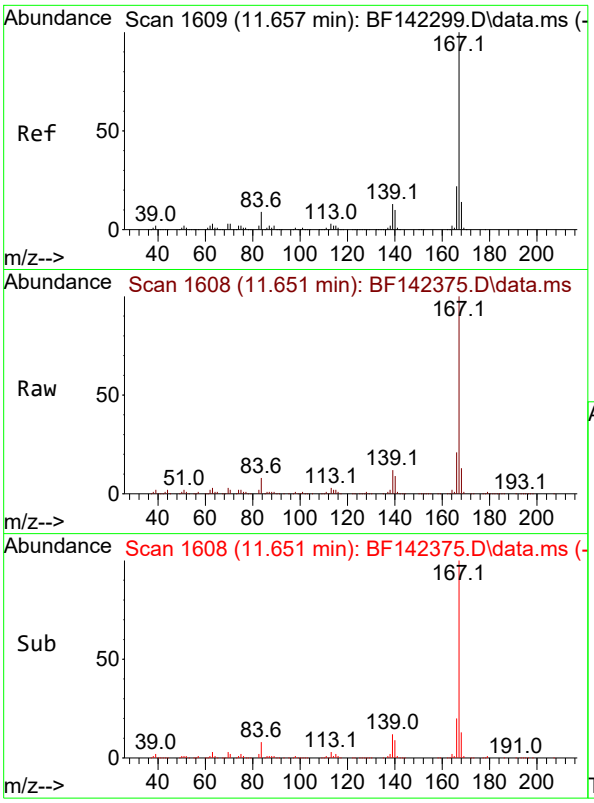


#72
Anthracene
Concen: 2.152 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Tgt Ion:178 Resp: 96151

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	16.4	12.6	18.8



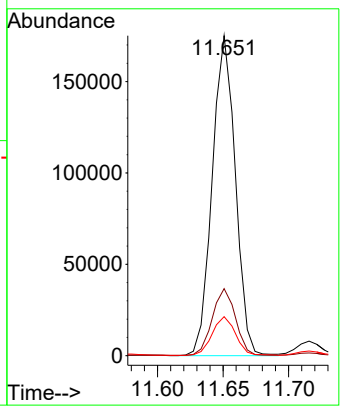


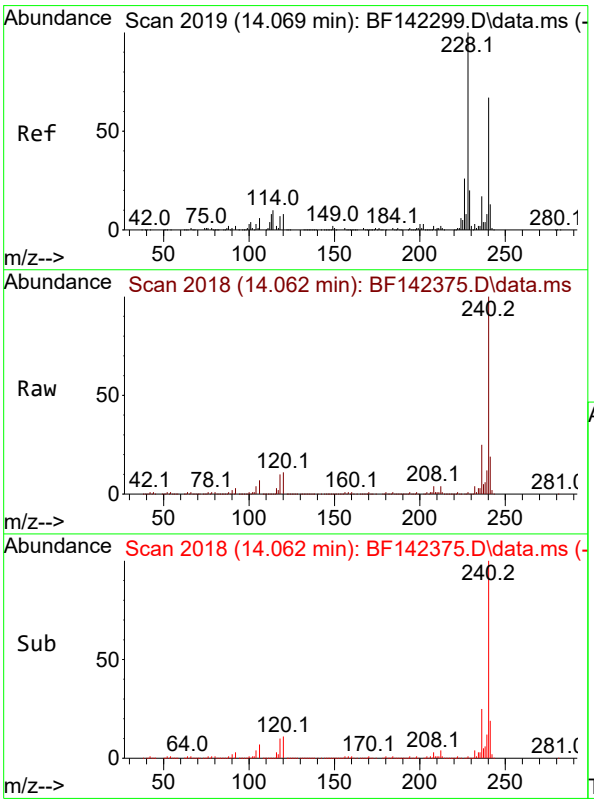
#73
Carbazole
Concen: 5.362 ng
RT: 11.651 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Instrument :
BNA_F
ClientSampleId :
WC-A1-06-C

Tgt Ion:167 Resp: 214918

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.2	10.3	15.5

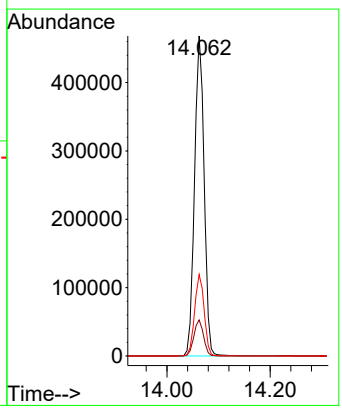


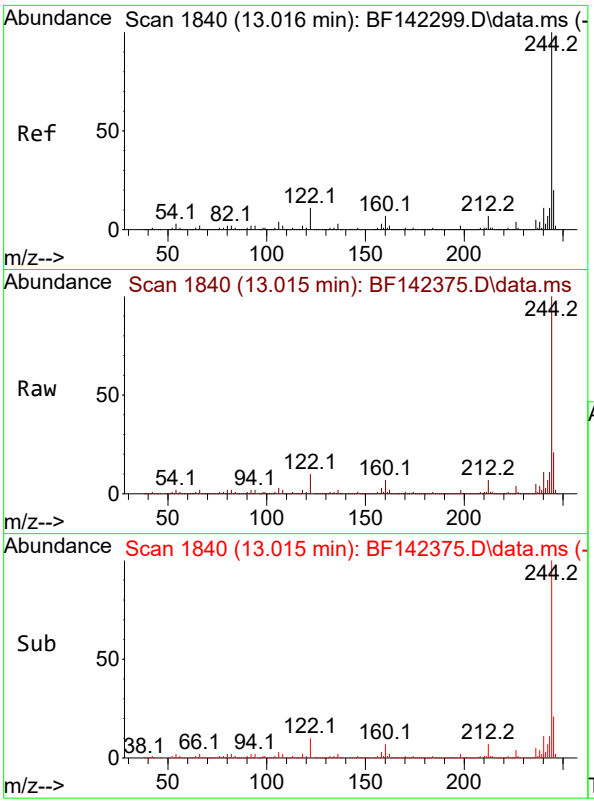


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Tgt Ion:240 Resp: 604563

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.7	14.5
236	25.5	20.0	30.0



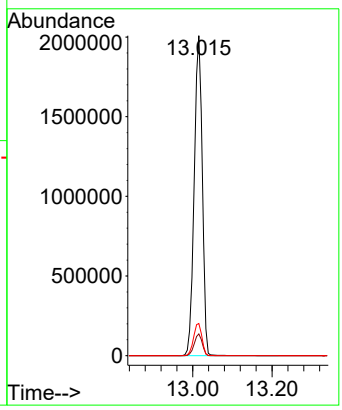


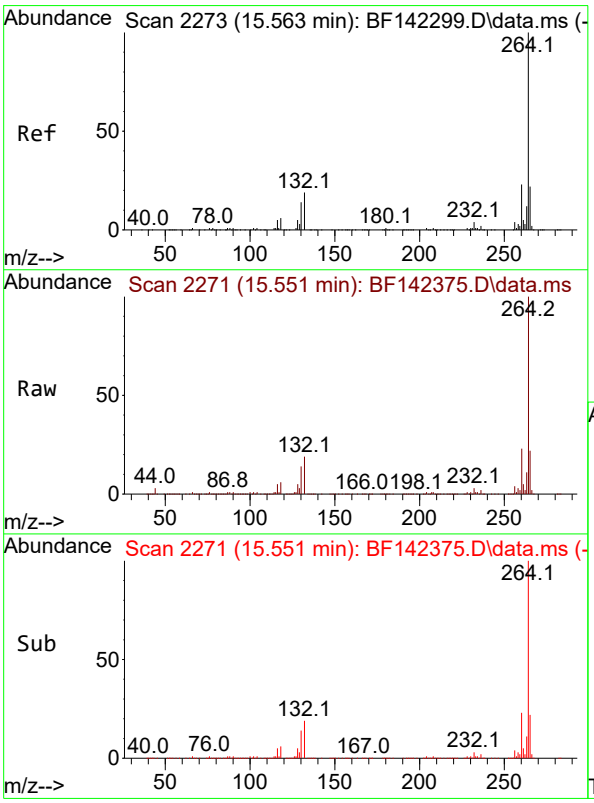
#79
Terphenyl-d14
Concen: 69.323 ng
RT: 13.015 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Instrument :
BNA_F
ClientSampleId :
WC-A1-06-C

Tgt Ion:244 Resp: 2831552

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.1	9.0	13.4

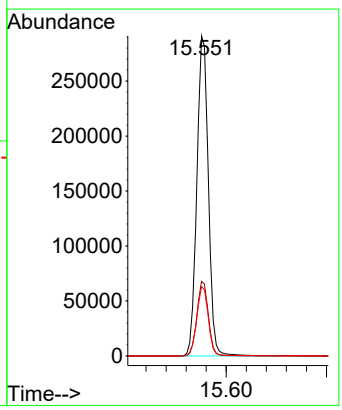




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF142375.D
Acq: 14 May 2025 19:39

Tgt Ion:264 Resp: 463034

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.6	17.5	26.3



Raw Data: **BF142376.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	05/08/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A1-07-C	SDG No.:	Q2001
Lab Sample ID:	Q2001-15	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF142376.D	1	05/13/25 11:16	05/14/25 20:08	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	108		15 (10) - 110 (139)	72%	SPK: 150
13127-88-3	Phenol-d6	102		15 (10) - 110 (134)	68%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.7		30 (49) - 130 (133)	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.3		30 (52) - 130 (132)	70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	153		15 (44) - 110 (137)	102%	SPK: 150
1718-51-0	Terphenyl-d14	71.1		30 (48) - 130 (125)	71%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	200000	6.898			
1146-65-2	Naphthalene-d8	707000	8.192			
15067-26-2	Acenaphthene-d10	460000	9.939			
1517-22-2	Phenanthrene-d10	871000	11.422			
1719-03-5	Chrysene-d12	592000	14.063			
1520-96-3	Perylene-d12	438000	15.551			

Raw Data: **BF142376.D**

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

Report of Analysis

Client:	ENTACT			Date Collected:	05/08/25
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	05/09/25
Client Sample ID:	WC-A1-07-C			SDG No.:	Q2001
Lab Sample ID:	Q2001-15			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
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
BF142376.D	1	05/13/25 11:16	05/14/25 20:08	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **BF142376.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142376.D
Acq On : 14 May 2025 20:08
Operator : RC/JU
Sample : Q2001-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A1-07-C

Quant Time: May 15 01:04:11 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

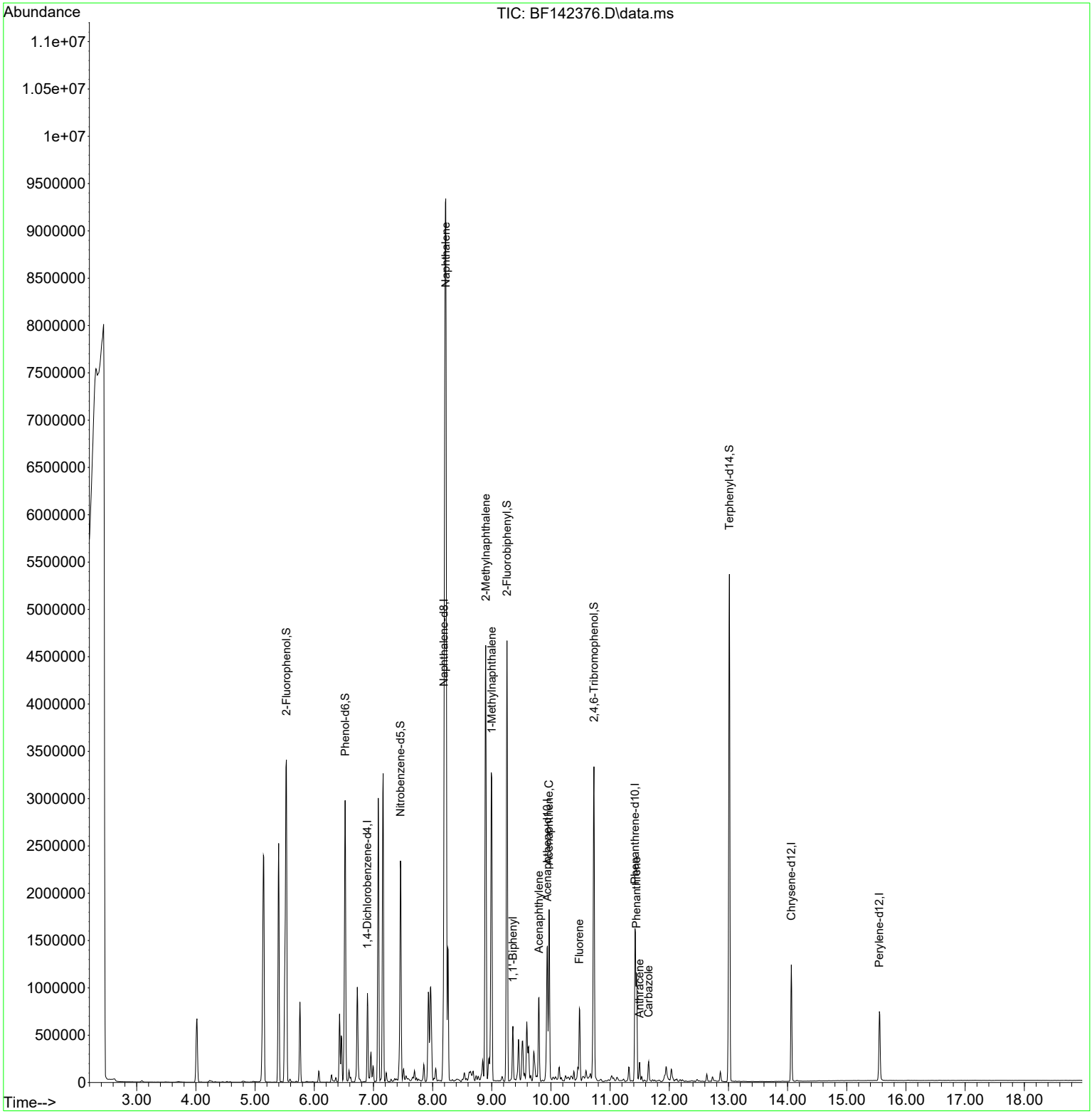
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	199865	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	707145	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	459545	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	871277	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	591876	20.000	ng	0.00
86) Perylene-d12	15.551	264	437970	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1262942	107.870	ng	0.02
7) Phenol-d6	6.522	99	1470755	102.136	ng	0.00
23) Nitrobenzene-d5	7.457	82	1040446	89.732	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	677433	152.684	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2266766	70.333	ng	0.00
79) Terphenyl-d14	13.016	244	2844452	71.131	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.222	128	9403570	274.378	ng	# 94
37) 2-Methylnaphthalene	8.898	142	1988781	93.387	ng	99
38) 1-Methylnaphthalene	8.998	142	1371527	61.791	ng	100
46) 1,1'-Biphenyl	9.357	154	267923	7.604	ng	99
49) Acenaphthylene	9.798	152	479691	10.943	ng	98
52) Acenaphthene	9.969	154	572085	21.705	ng	98
58) Fluorene	10.480	166	378460	12.749	ng	99
71) Phenanthrene	11.445	178	598524	13.105	ng	98
72) Anthracene	11.498	178	103034	2.196	ng	98
73) Carbazole	11.651	167	117304	2.786	ng	97

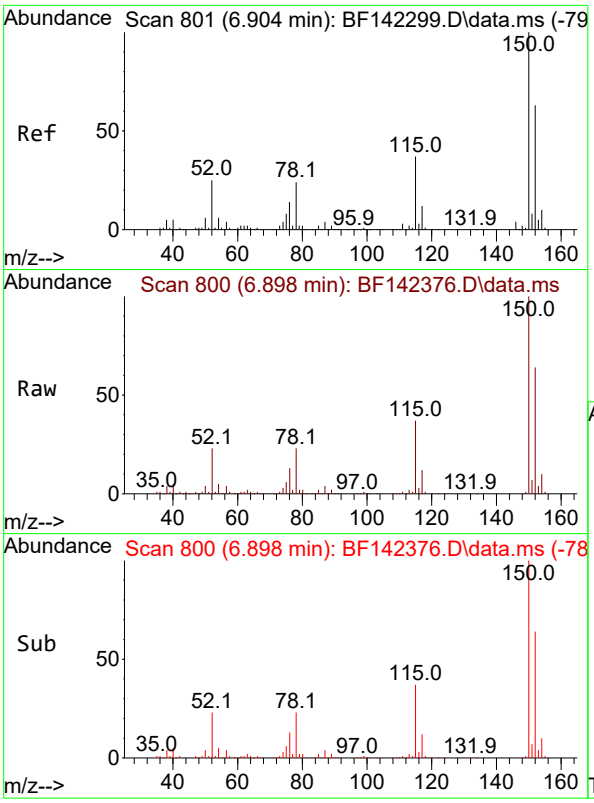
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142376.D
Acq On : 14 May 2025 20:08
Operator : RC/JU
Sample : Q2001-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A1-07-C

Quant Time: May 15 01:04:11 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



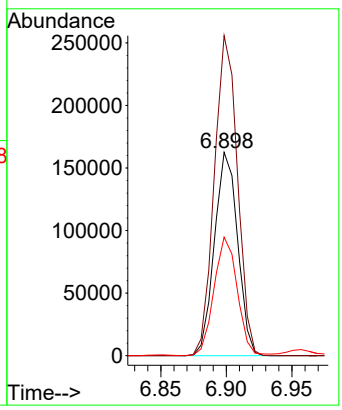


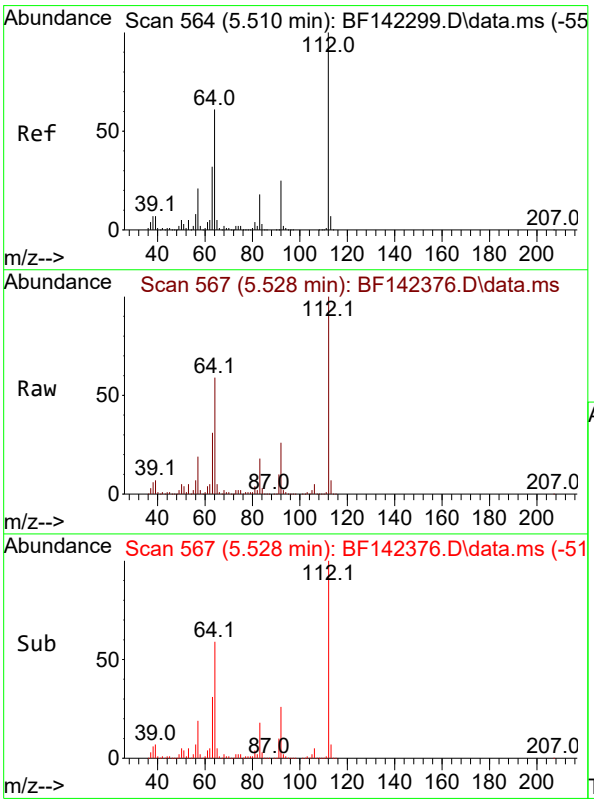
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Instrument :
BNA_F
ClientSampleId :
WC-A1-07-C

Tgt Ion:152 Resp: 199865

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.6	190.0
115	58.3	47.3	70.9

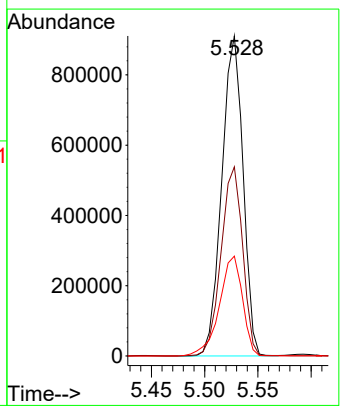


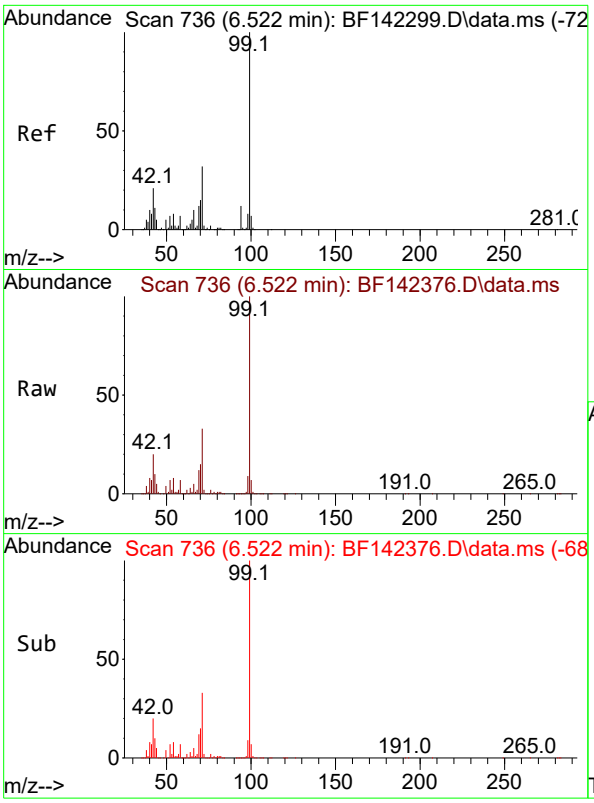


#5
2-Fluorophenol
Concen: 107.870 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Tgt Ion:112 Resp: 1262942

Ion	Ratio	Lower	Upper
112	100		
64	59.1	48.9	73.3
63	31.2	25.6	38.4



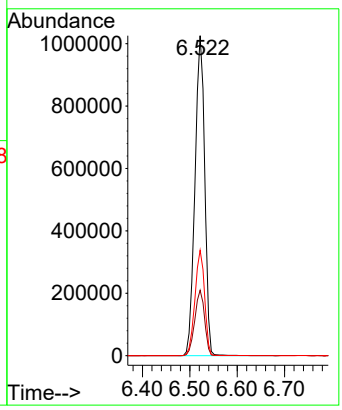


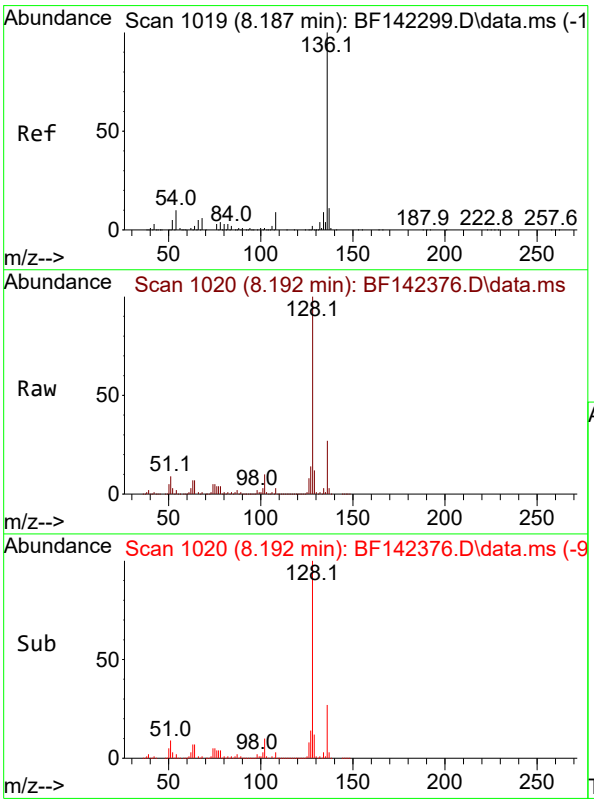
#7
Phenol-d6
Concen: 102.136 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Instrument :
BNA_F
ClientSampleId :
WC-A1-07-C

Tgt Ion: 99 Resp: 1470755

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.0	25.4
71	32.9	25.8	38.8

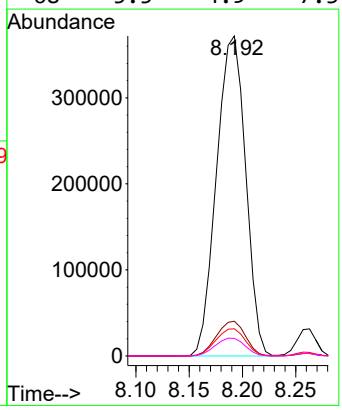


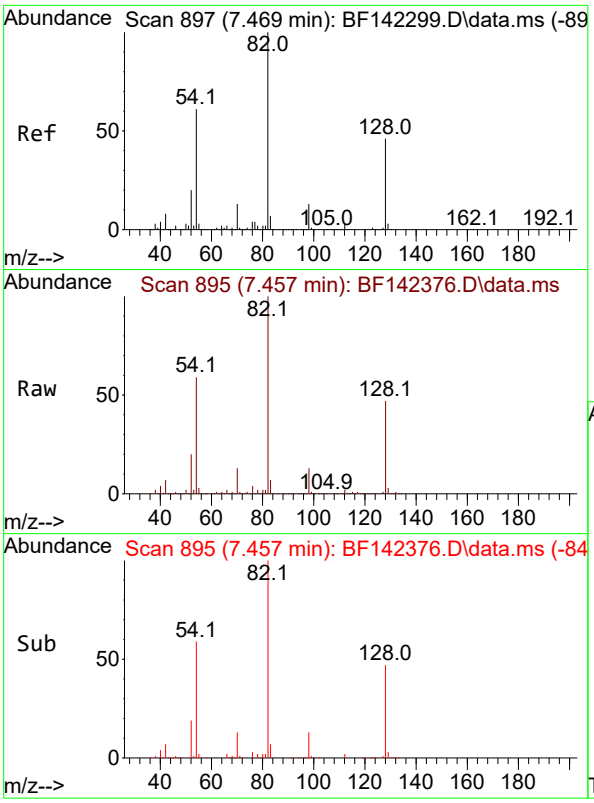


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Tgt Ion:136 Resp: 707145

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.5	7.7	11.5
68	5.5	4.9	7.3



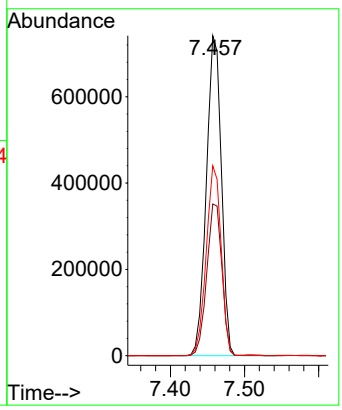


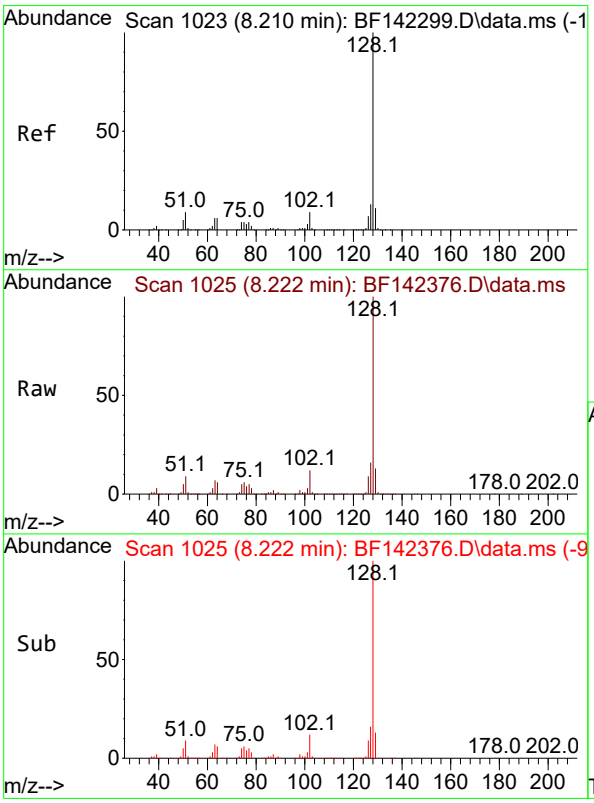
#23
Nitrobenzene-d5
Concen: 89.732 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Instrument :
BNA_F
ClientSampleId :
WC-A1-07-C

Tgt Ion: 82 Resp: 1040446

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.0	55.6
54	59.3	48.6	73.0

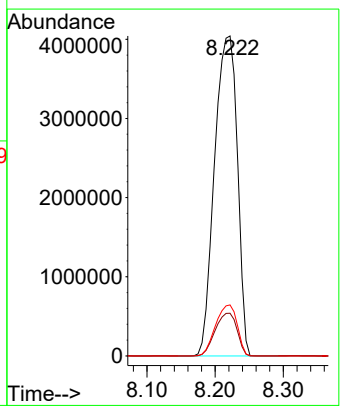


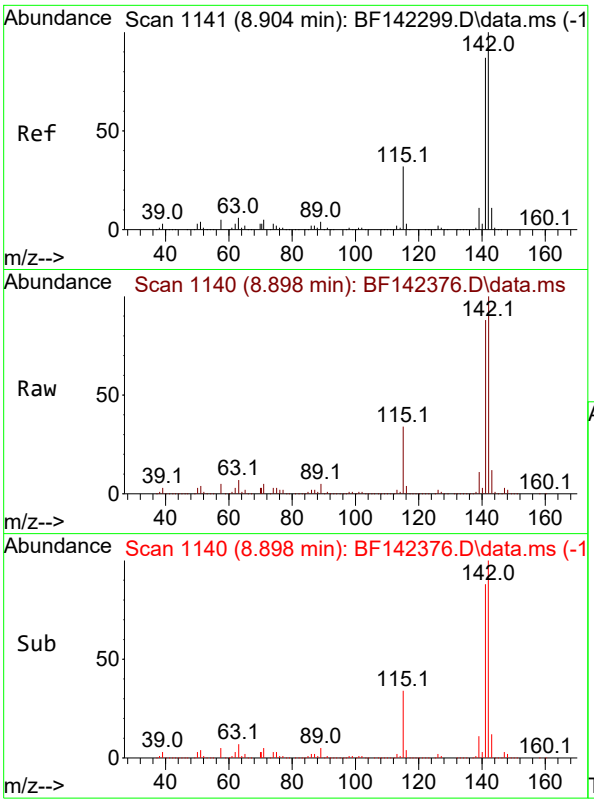


#31
Naphthalene
Concen: 274.378 ng
RT: 8.222 min Scan# 1025
Delta R.T. 0.012 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Tgt Ion:128 Resp: 9403570

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.1	13.7
127	15.9	10.5	15.7#



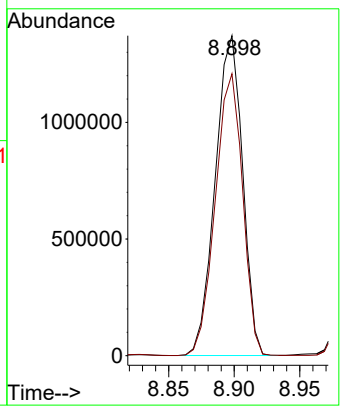


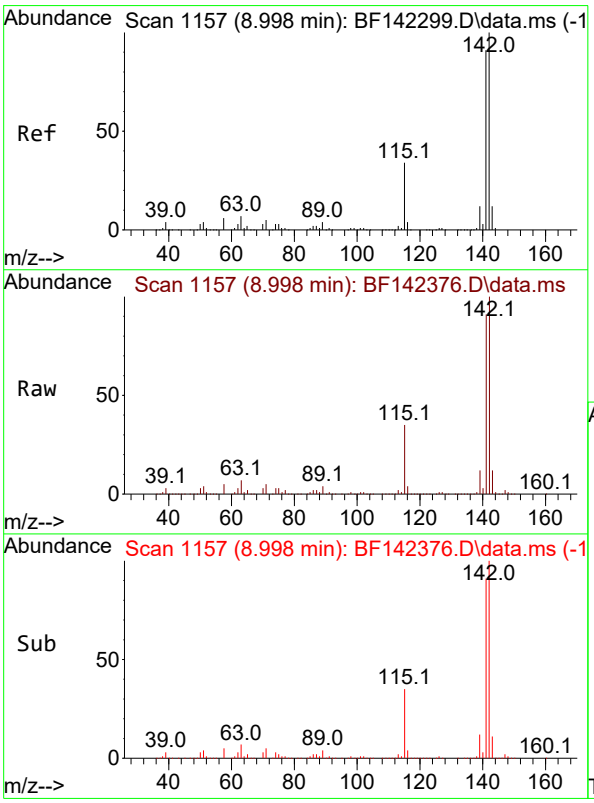
#37
2-Methylnaphthalene
Concen: 93.387 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Instrument :
BNA_F
ClientSampleId :
WC-A1-07-C

Tgt Ion:142 Resp: 1988781

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.4	104.2

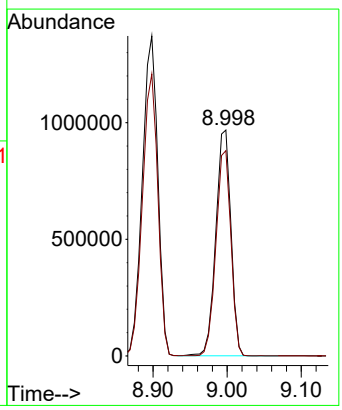


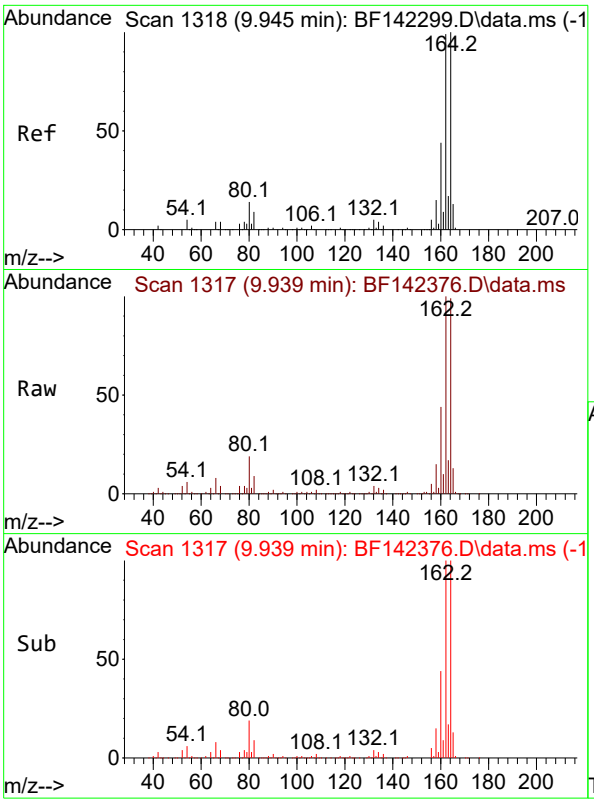


#38
1-Methylnaphthalene
Concen: 61.791 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Tgt Ion:142 Resp: 1371527

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.5	108.7



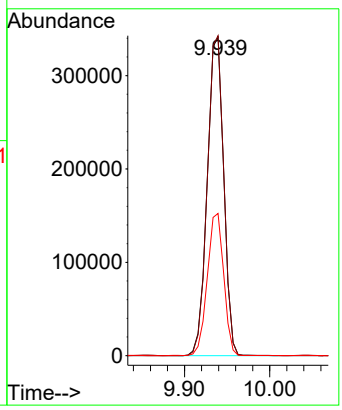


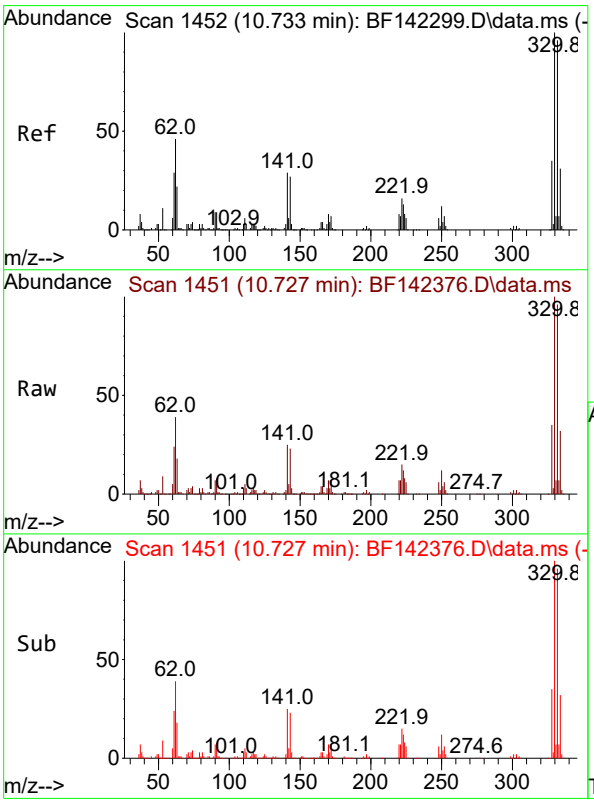
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Instrument :
BNA_F
ClientSampleId :
WC-A1-07-C

Tgt Ion:164 Resp: 459545

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.2	118.8
160	44.7	35.3	52.9

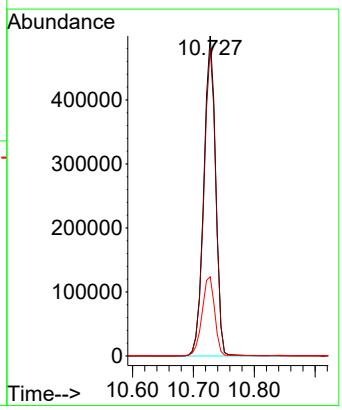


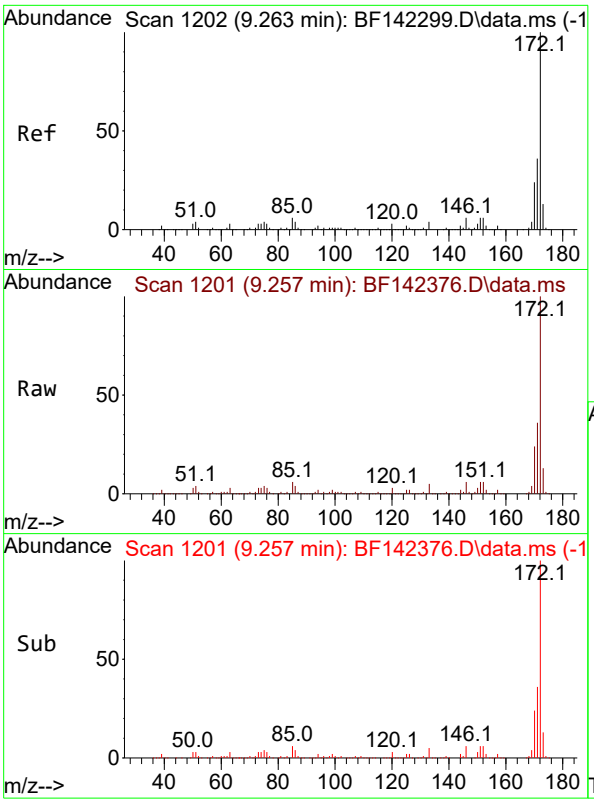


#42
2,4,6-Tribromophenol
Concen: 152.684 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Tgt Ion:330 Resp: 677433

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	26.4	24.9	37.3



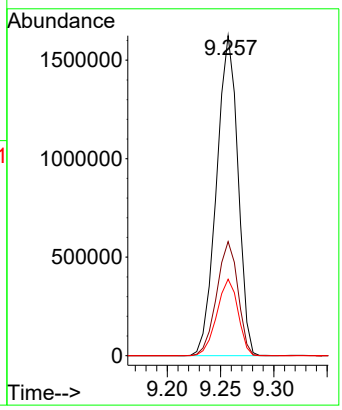


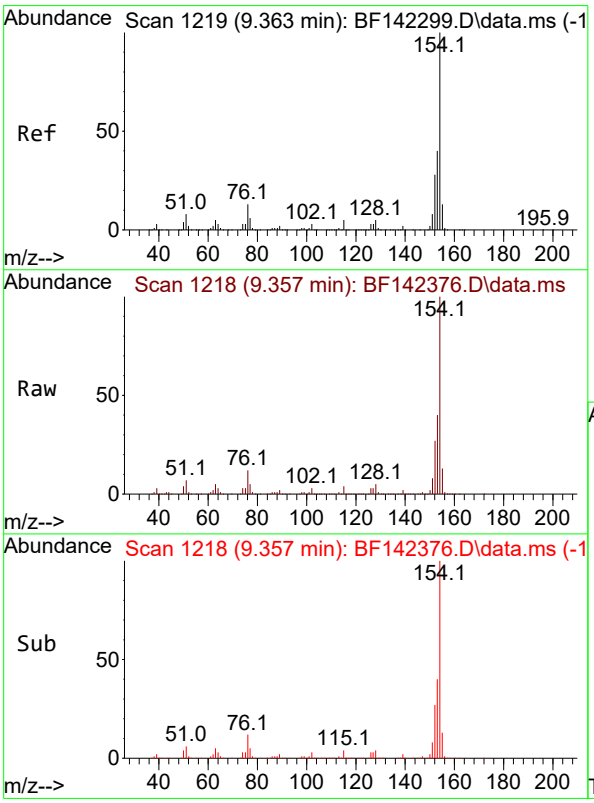
#45
2-Fluorobiphenyl
Concen: 70.333 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Instrument :
BNA_F
ClientSampleId :
WC-A1-07-C

Tgt Ion:172 Resp: 2266766

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.9	19.0	28.4

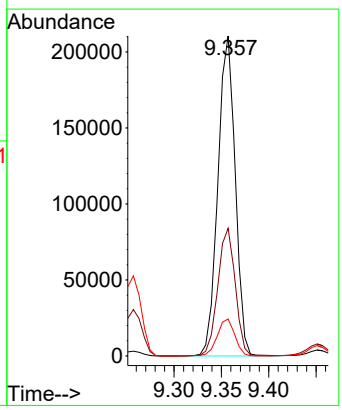


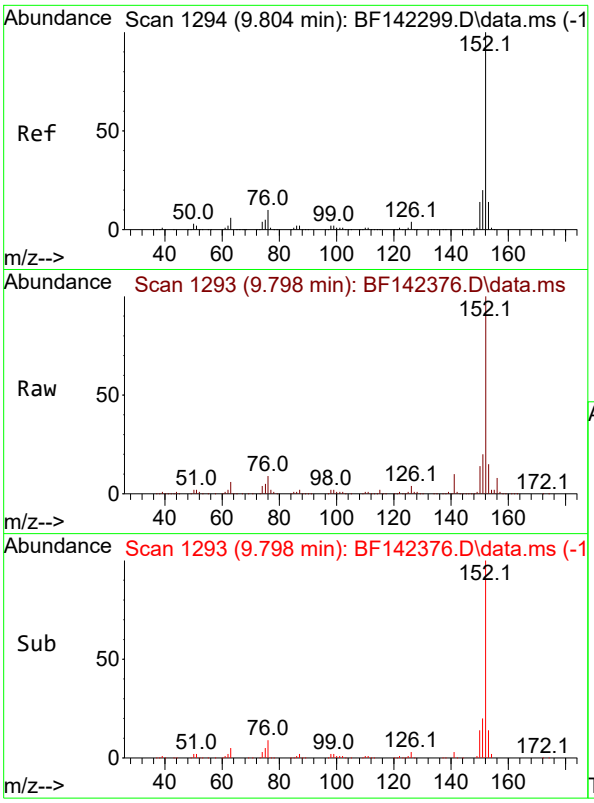


#46
1,1'-Biphenyl
Concen: 7.604 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Tgt Ion:154 Resp: 267923

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.5	60.5
76	11.5	0.0	32.8



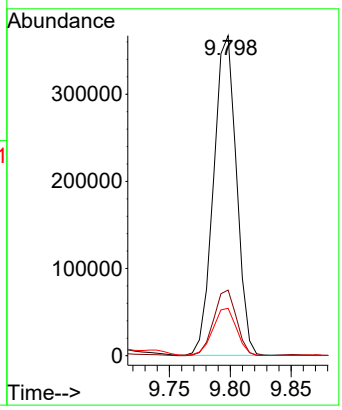


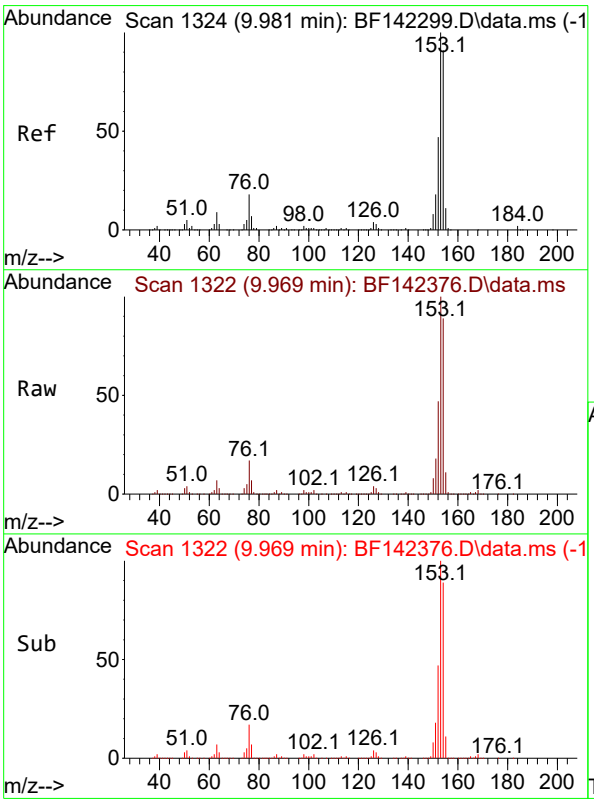
#49
Acenaphthylene
Concen: 10.943 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Instrument :
BNA_F
ClientSampleId :
WC-A1-07-C

Tgt Ion:152 Resp: 479691

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.0	24.0
153	14.8	10.8	16.2

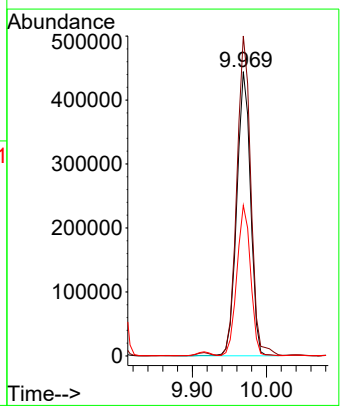


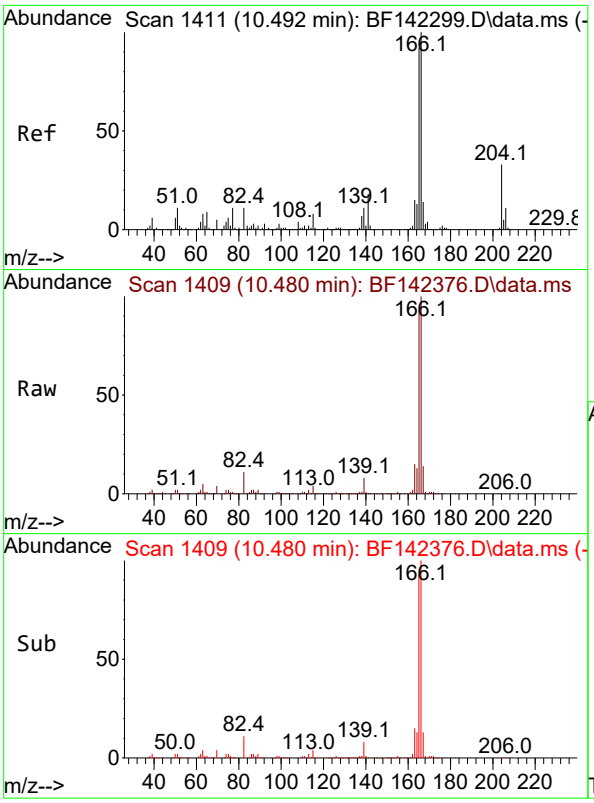


#52
Acenaphthene
Concen: 21.705 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Tgt Ion:154 Resp: 572085

Ion	Ratio	Lower	Upper
154	100		
153	112.5	88.0	132.0
152	53.0	41.6	62.4



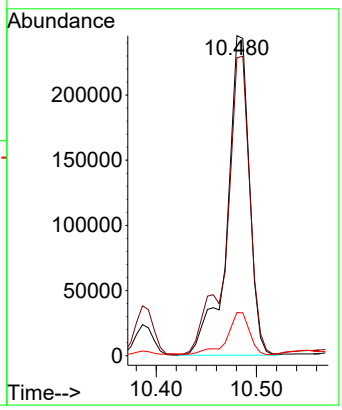


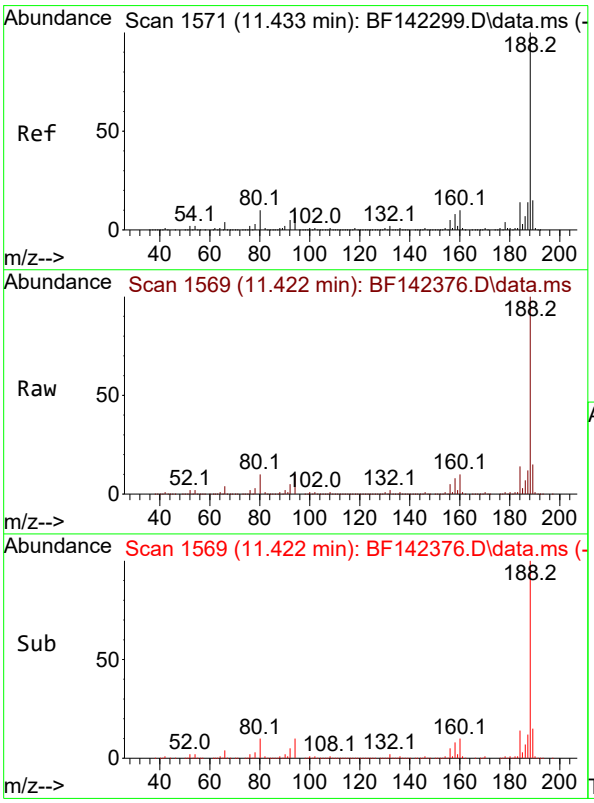
#58
Fluorene
Concen: 12.749 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Instrument :
BNA_F
ClientSampleId :
WC-A1-07-C

Tgt Ion:166 Resp: 378460

Ion	Ratio	Lower	Upper
166	100		
165	93.1	74.0	111.0
167	13.5	10.9	16.3

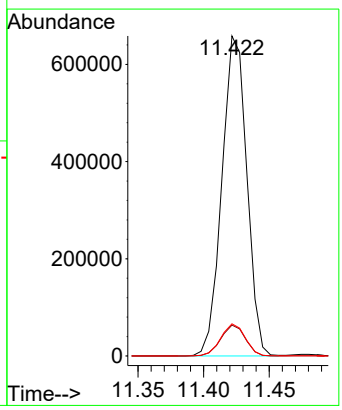


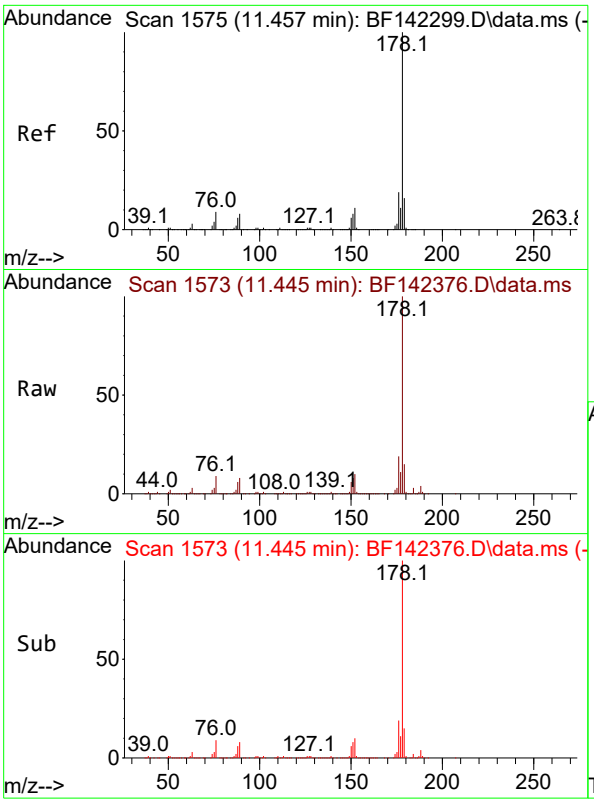


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Tgt Ion:188 Resp: 871277

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



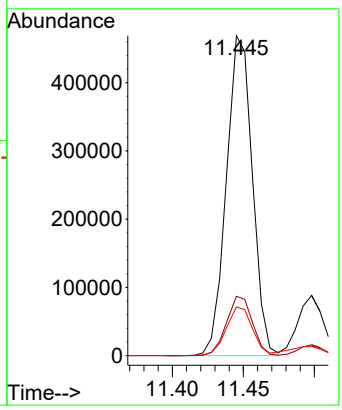


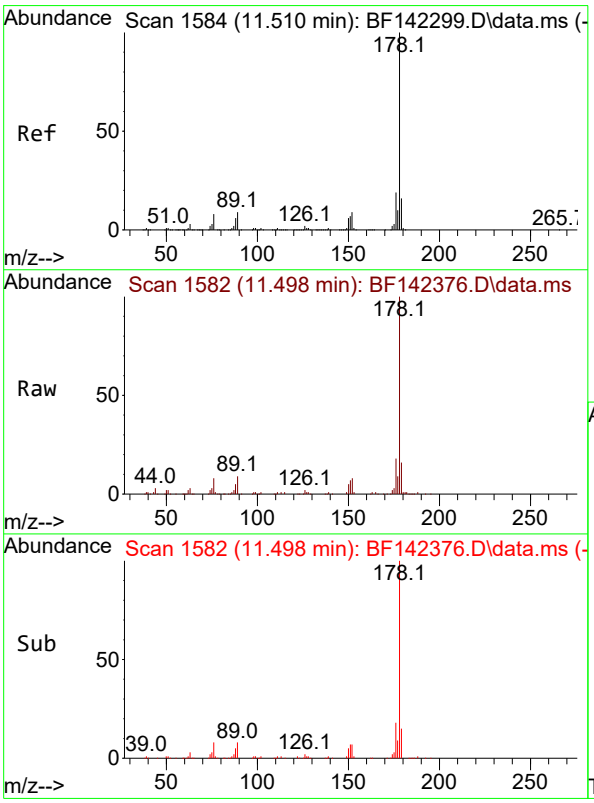
#71
Phenanthrene
Concen: 13.105 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Instrument :
BNA_F
ClientSampleId :
WC-A1-07-C

Tgt Ion:178 Resp: 598524

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.3	12.6	18.8

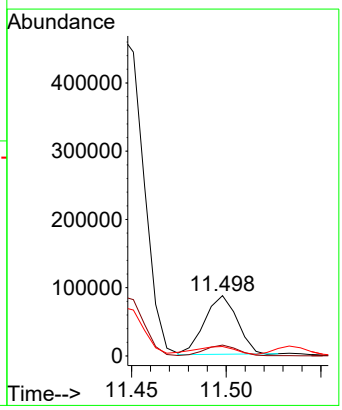


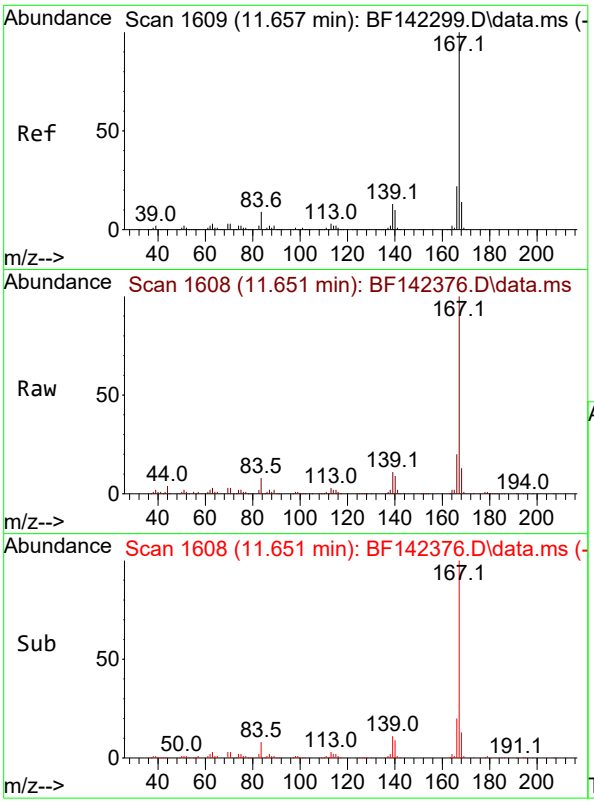


#72
Anthracene
Concen: 2.196 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Tgt Ion:178 Resp: 103034

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.3	22.9
179	15.8	12.6	18.8



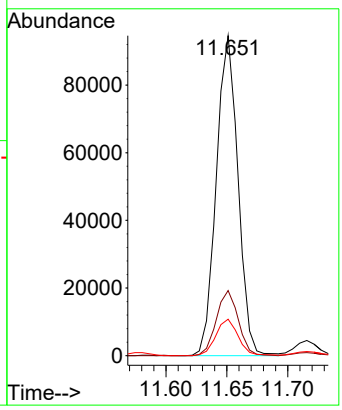


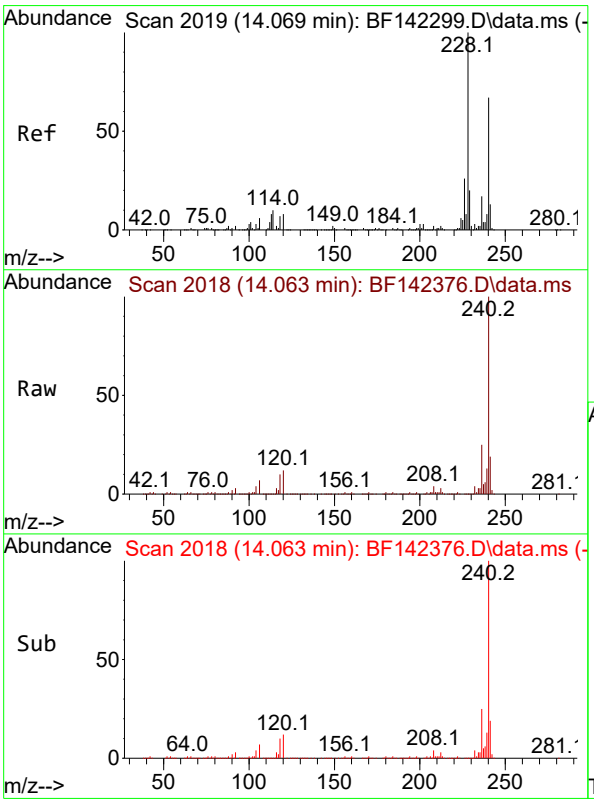
#73
Carbazole
Concen: 2.786 ng
RT: 11.651 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Instrument :
BNA_F
ClientSampleId :
WC-A1-07-C

Tgt Ion:167 Resp: 117304

Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.2	25.8
139	11.4	10.3	15.5

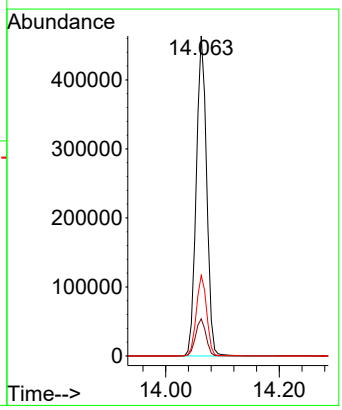


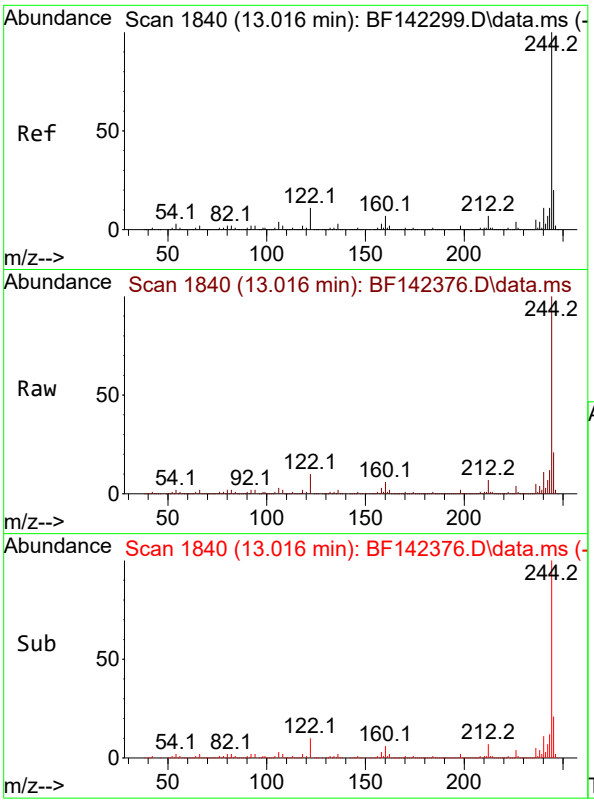


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Tgt Ion:240 Resp: 591876

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.7	14.5
236	25.2	20.0	30.0



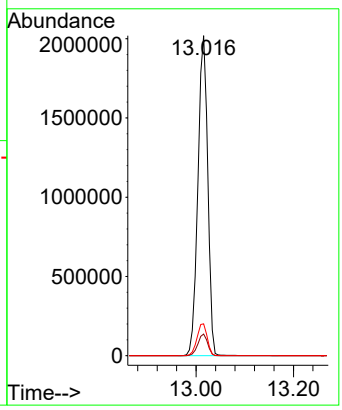


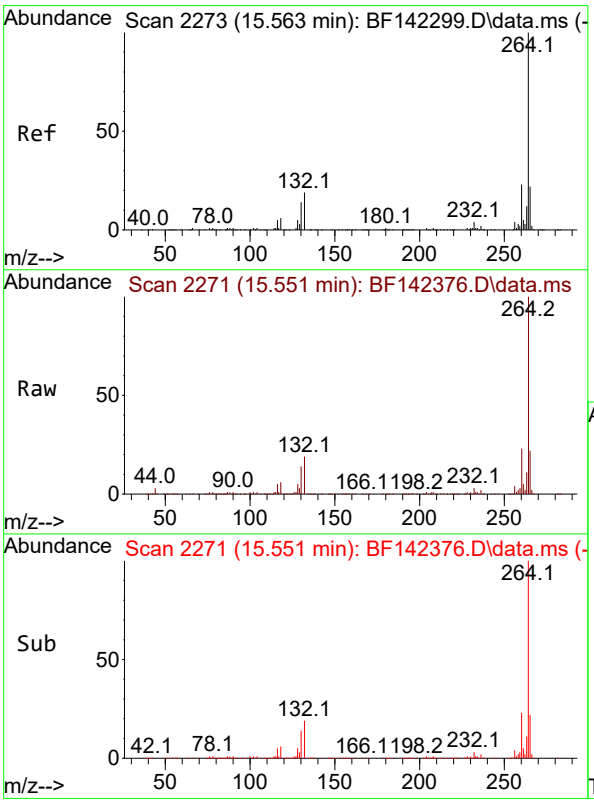
#79
Terphenyl-d14
Concen: 71.131 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Instrument :
BNA_F
ClientSampleId :
WC-A1-07-C

Tgt Ion:244 Resp: 2844452

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.0	9.0	13.4

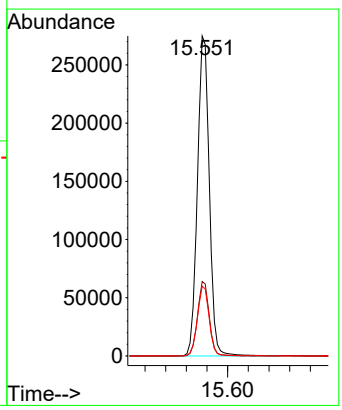




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF142376.D
Acq: 14 May 2025 20:08

Tgt Ion:264 Resp: 437970

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



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: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG No.: Q2001

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
Pyridine		1.159	1.233	1.210	1.176	1.311	1.239	5.0
2-Fluorophenol		1.212	1.177	1.211	1.126	1.224	1.172	4.4
Phenol-d6		1.510	1.458	1.489	1.375	1.500	1.441	4.6
1,4-Dichlorobenzene		1.562	1.499	1.486	1.364	1.476	1.438	6.5
2-Methylphenol		1.033	1.008	1.022	0.972	1.070	1.014	3.3
3+4-Methylphenols		1.354	1.281	1.322	1.218	1.333	1.265	6.5
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
Hexachlorobutadiene		0.188	0.182	0.181	0.168	0.185	0.177	5.3
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
2,4-Dinitrotoluene		0.222	0.250	0.303	0.318	0.368	0.308	17.6
2,4,6-Tribromophenol		0.161	0.176	0.198	0.191	0.218	0.193	10.2
Hexachlorobenzene		0.264	0.246	0.253	0.237	0.258	0.249	3.8
Pentachlorophenol		0.094	0.109	0.130	0.139	0.153	0.131	16.7
Terphenyl-d14		1.493	1.424	1.460	1.255	1.390	1.351	9.6

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

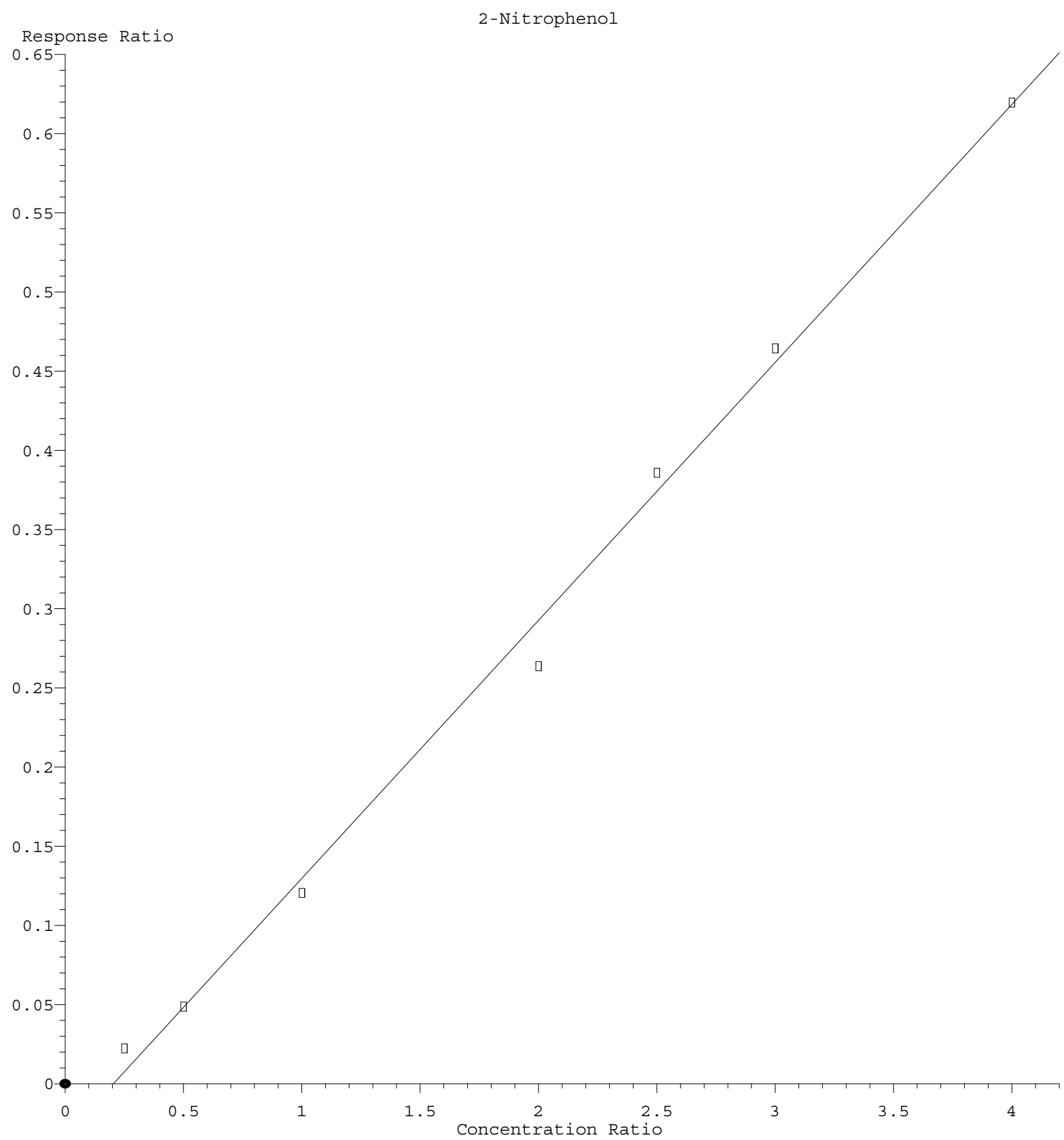
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF050525.M

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

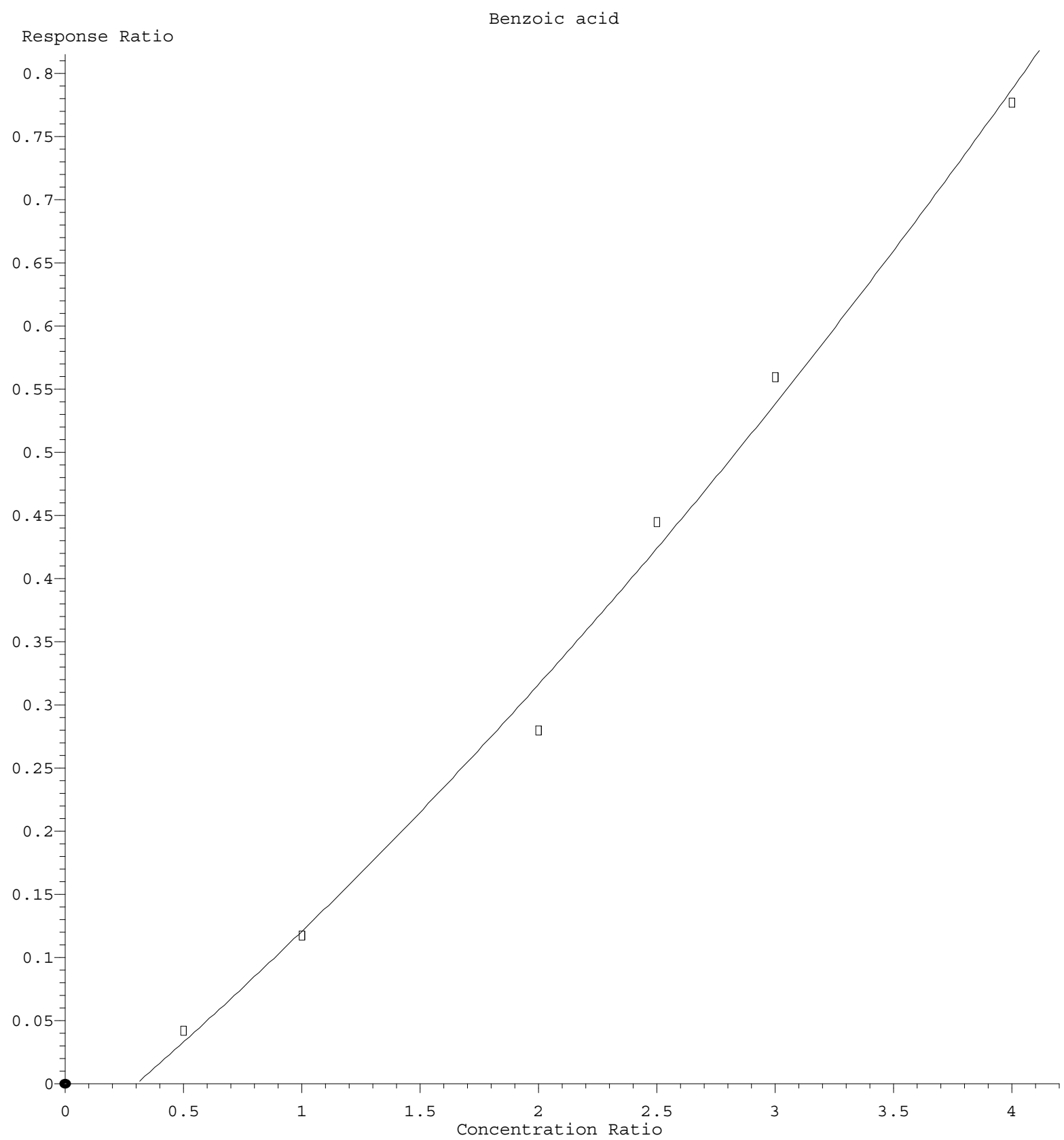
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF050525.M

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

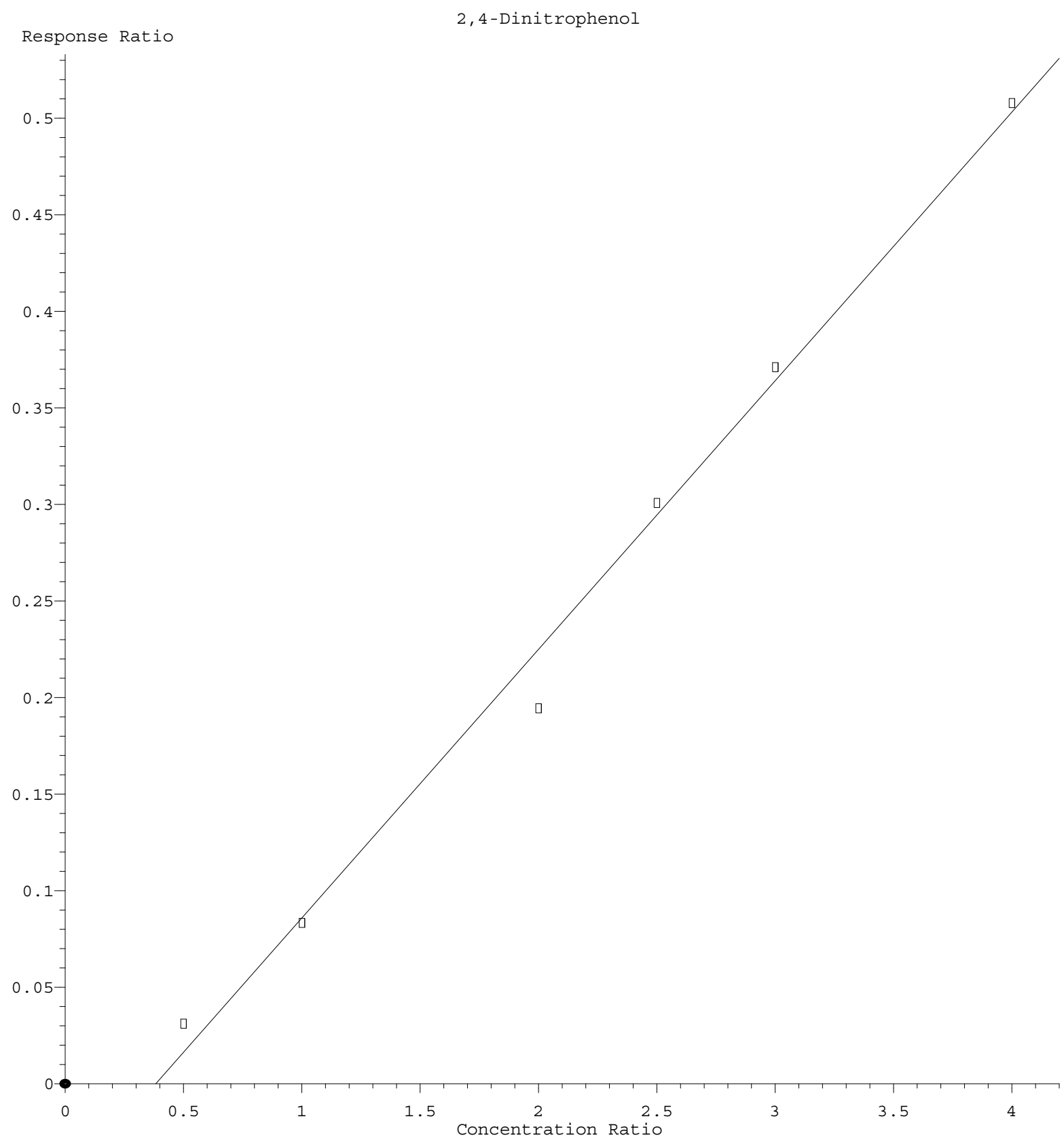
(#) = Out of Range



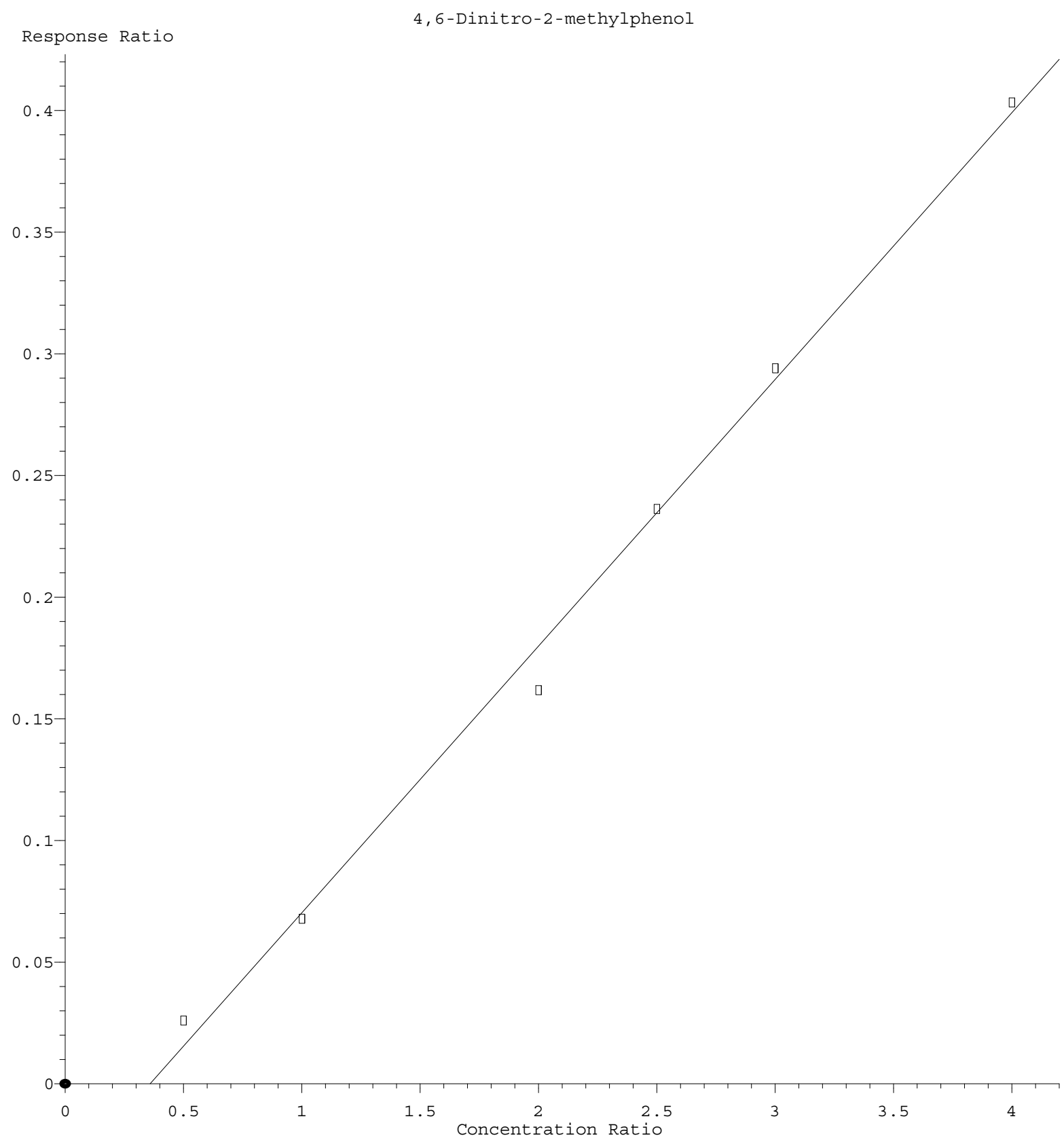
Response = 1.629e-001 * Amt - 3.329e-002
Coef of Det (r^2) = 0.995567 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025



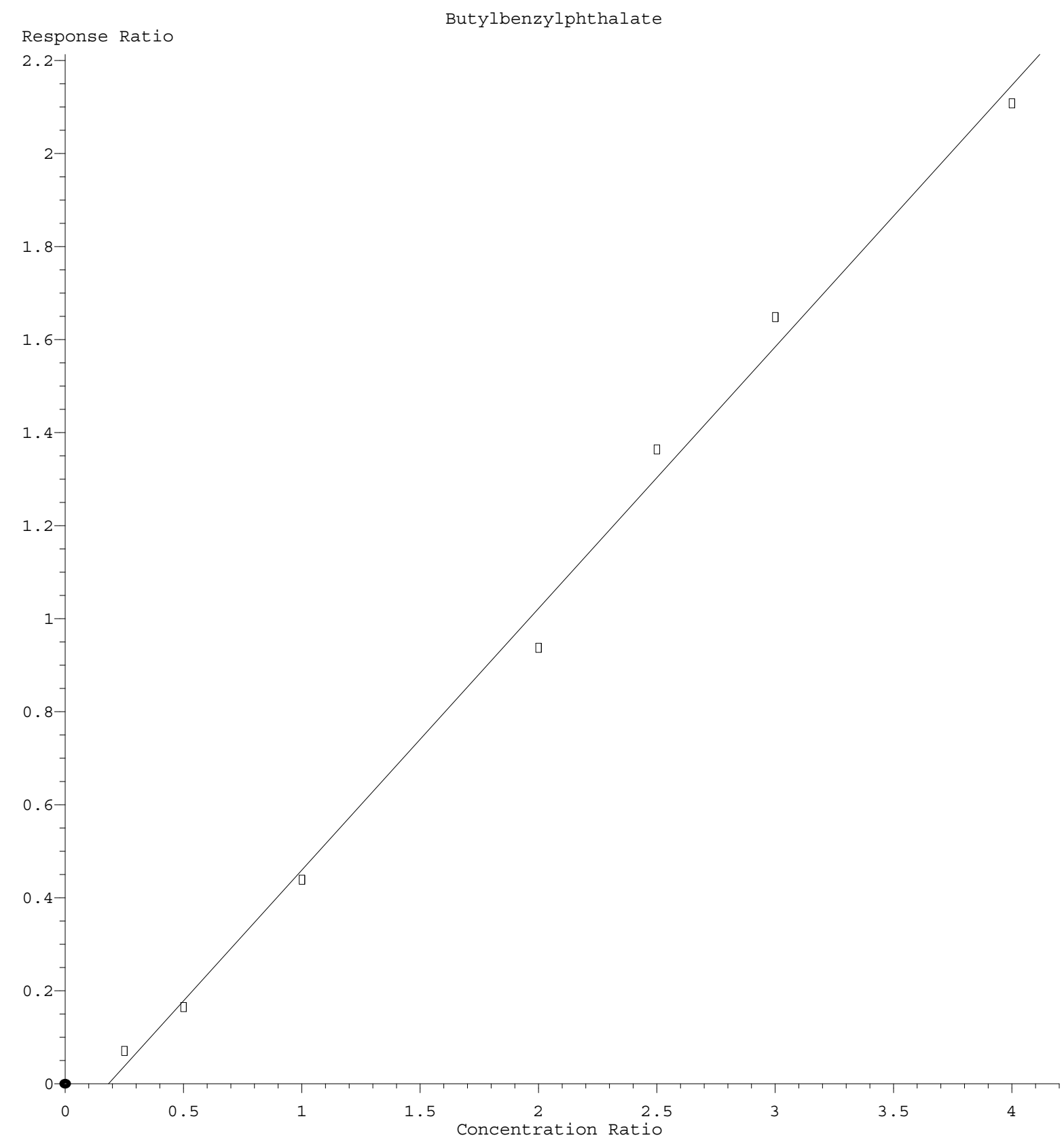
R = 1.340e-002 A*A + 1.552e-001 A - 4.790e-002
Coef of Det (r^2) = 0.993773 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025



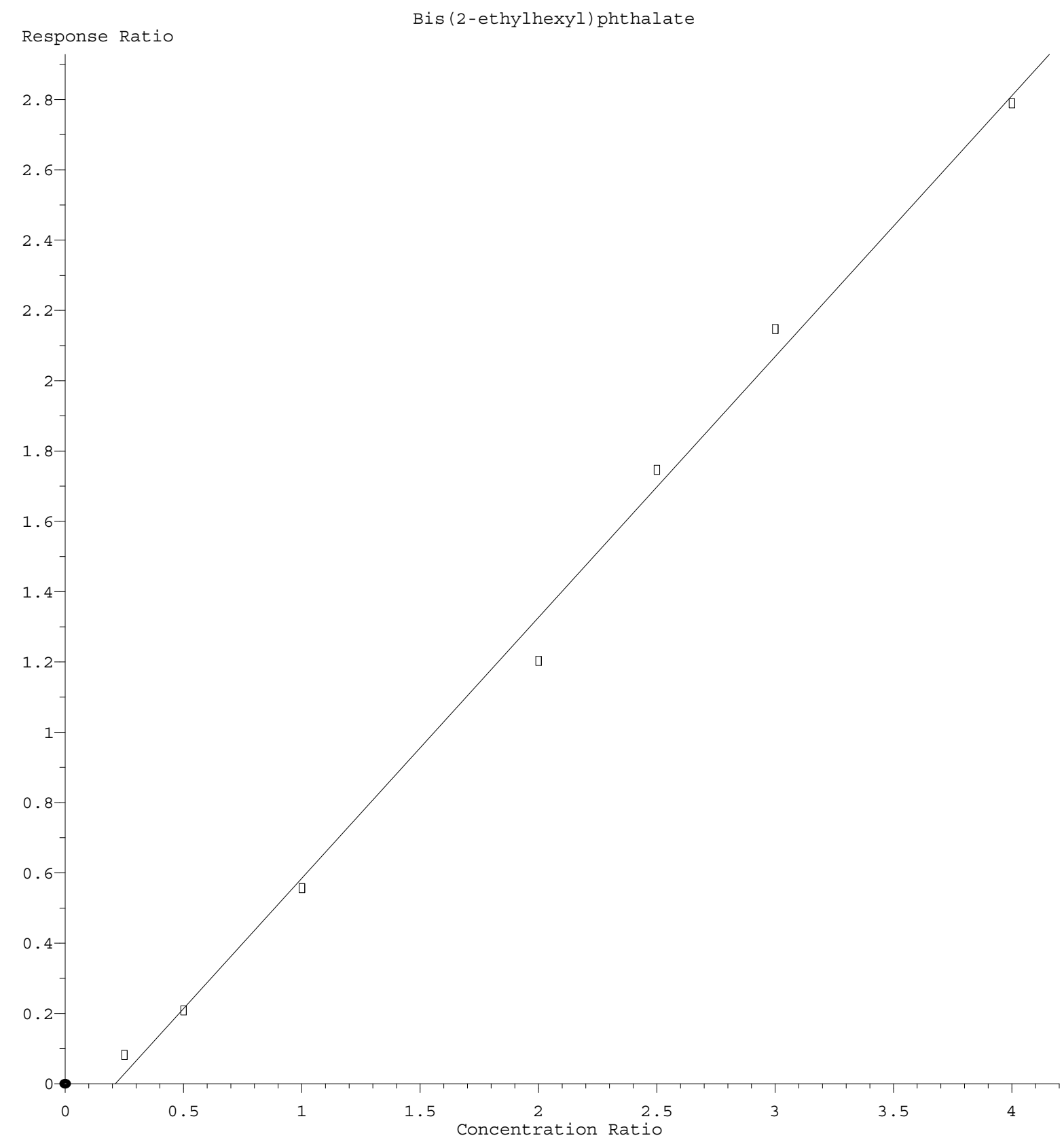
Response = 1.391e-001 * Amt - 5.328e-002
Coef of Det (r^2) = 0.992198 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025



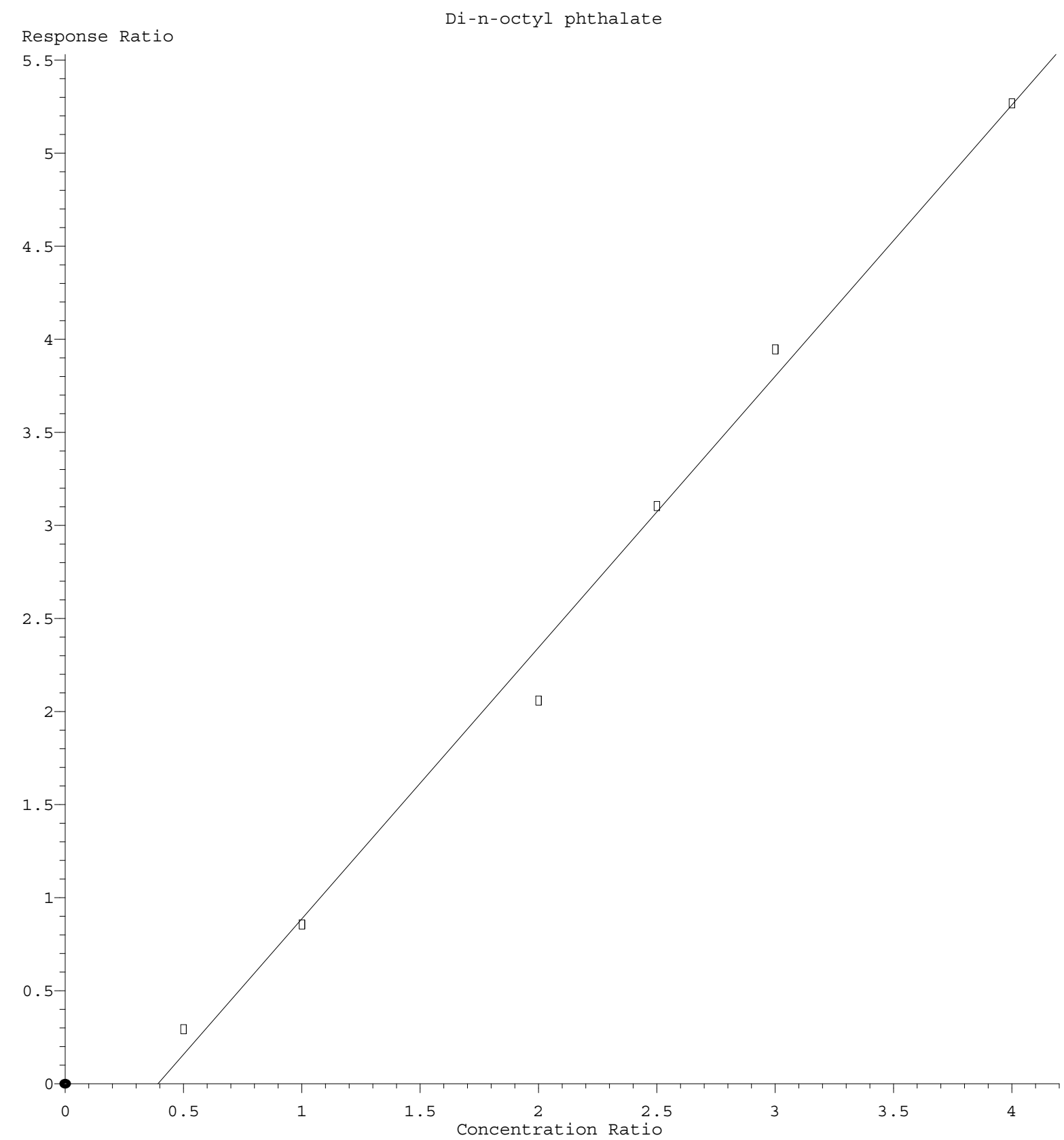
Response = 1.096e-001 * Amt - 3.939e-002
Coef of Det (r^2) = 0.995176 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025



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

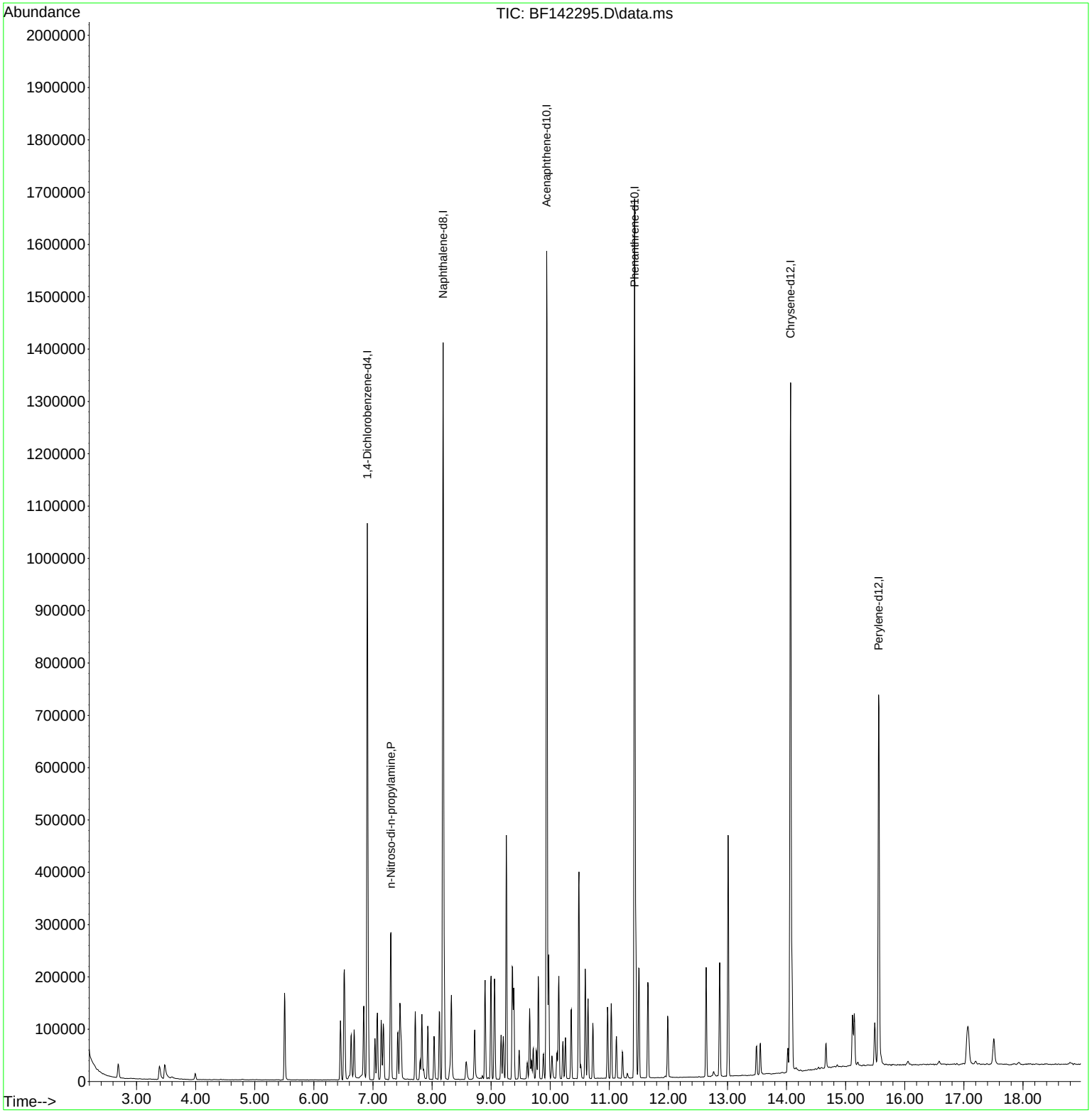
(#) = qualifier out of range (m) = manual integration (+) = signals summed

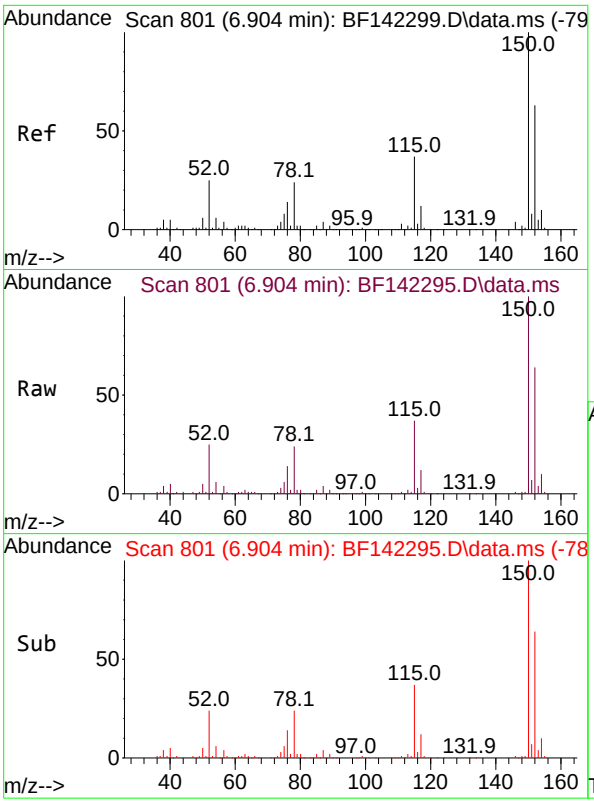
ICAL Form

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



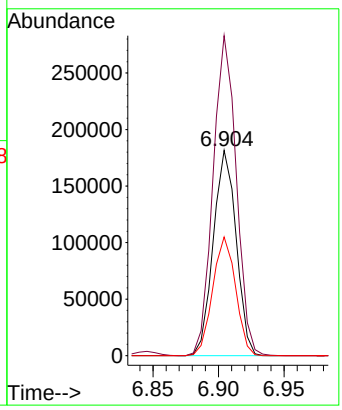


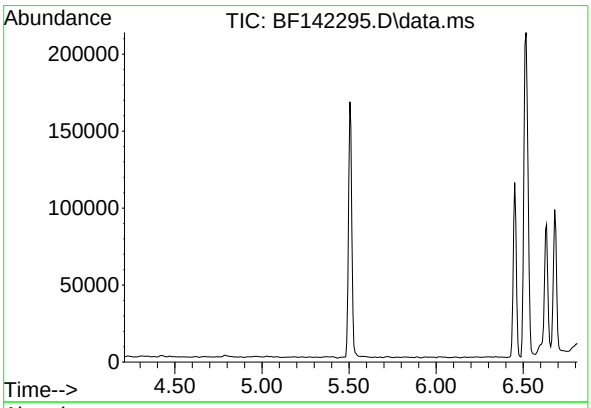
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

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



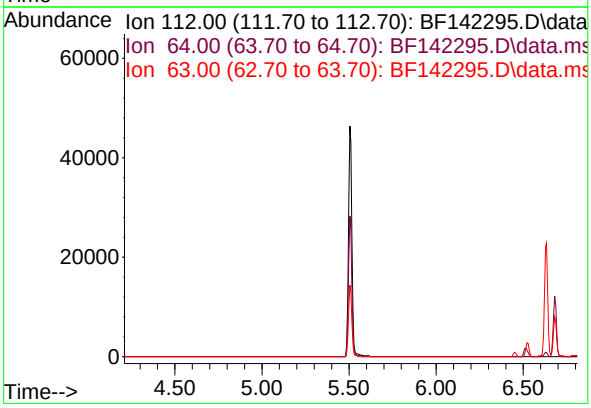


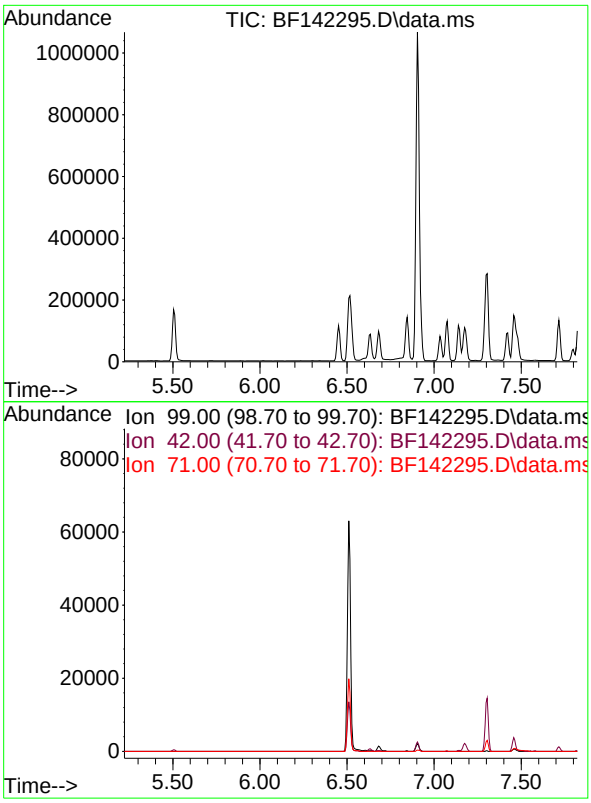
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.51 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	61.1
63	32.0





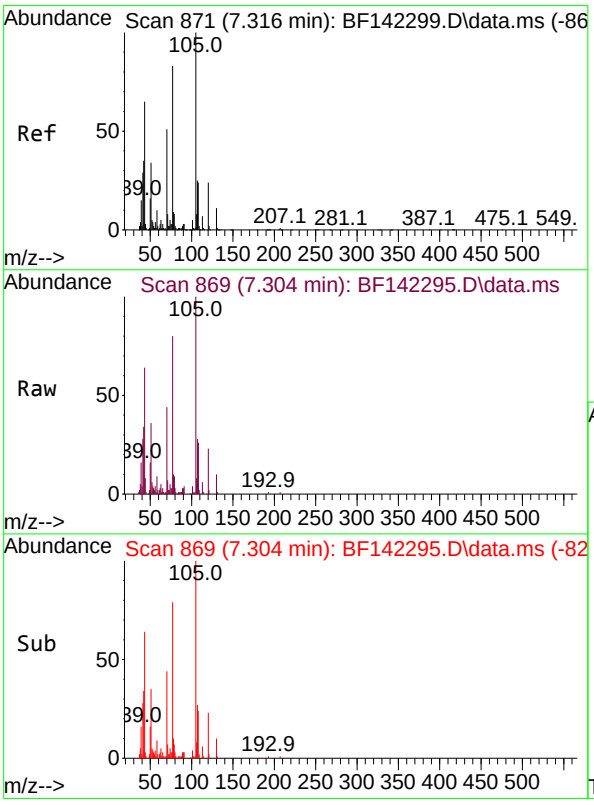
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.52 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

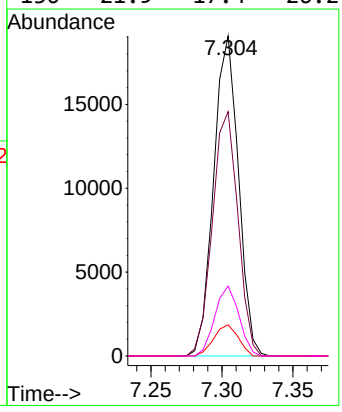
Sig	Exp Ratio
99	100
42	21.2
71	32.3

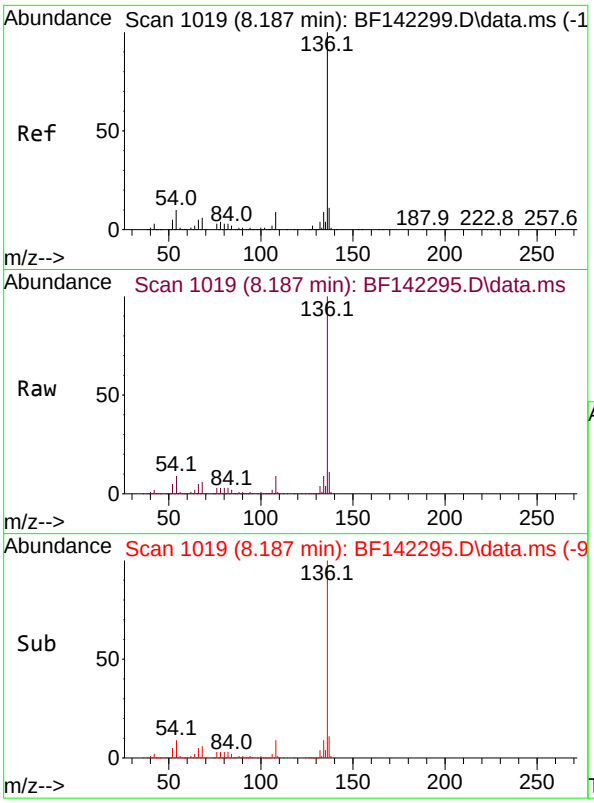


#19
n-Nitroso-di-n-propylamine
Concen: 2.356 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

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



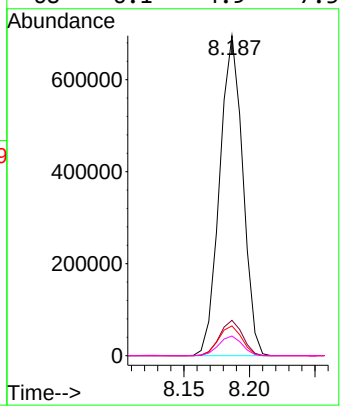


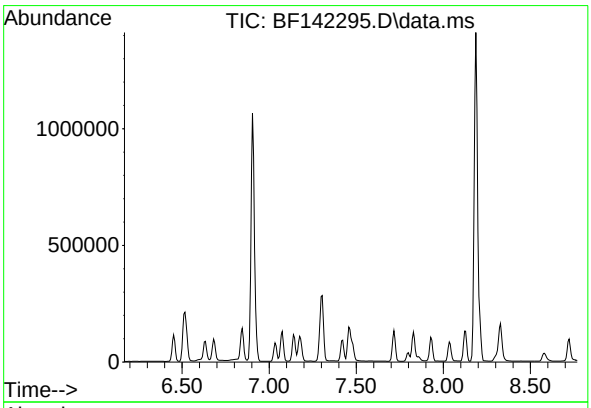
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

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



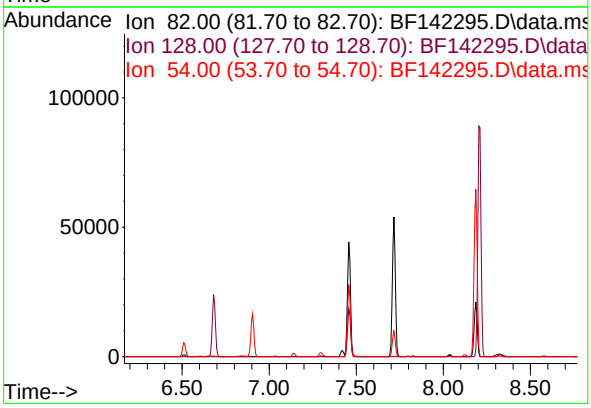


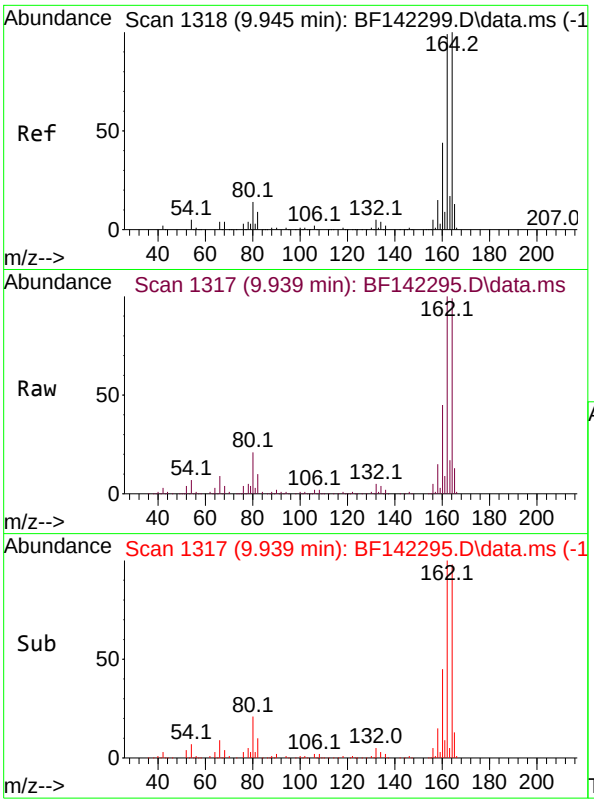
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.47 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	46.3
54	60.8



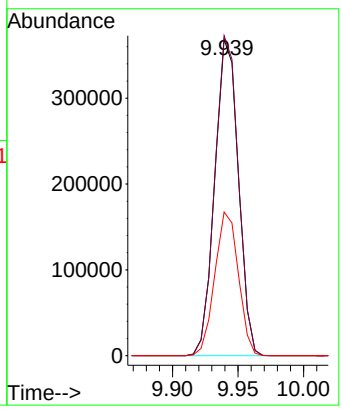


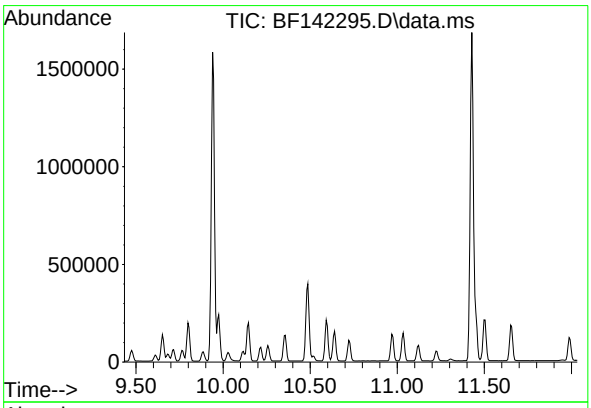
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

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



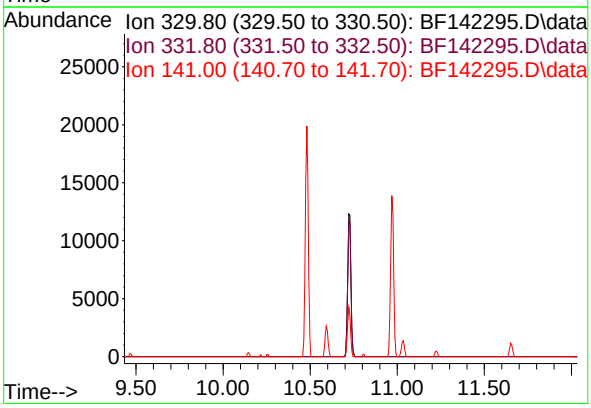


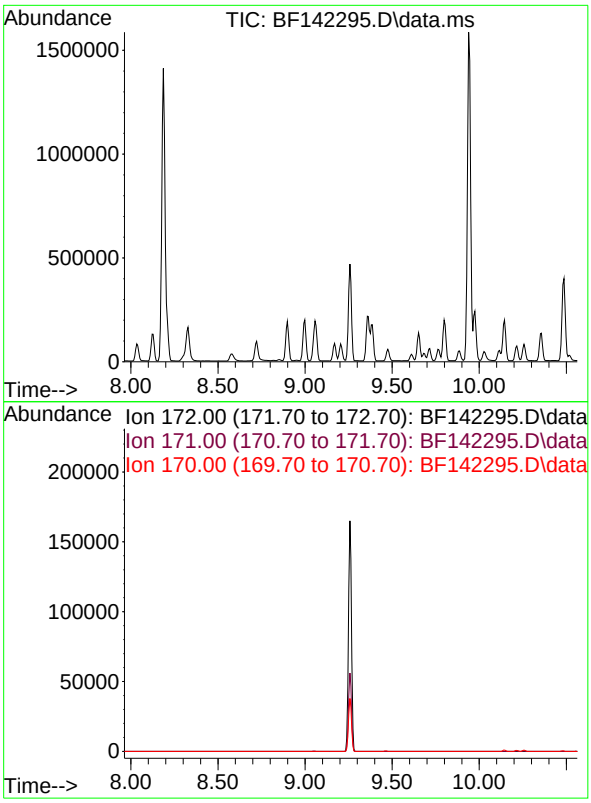
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.73 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.0
141	31.1





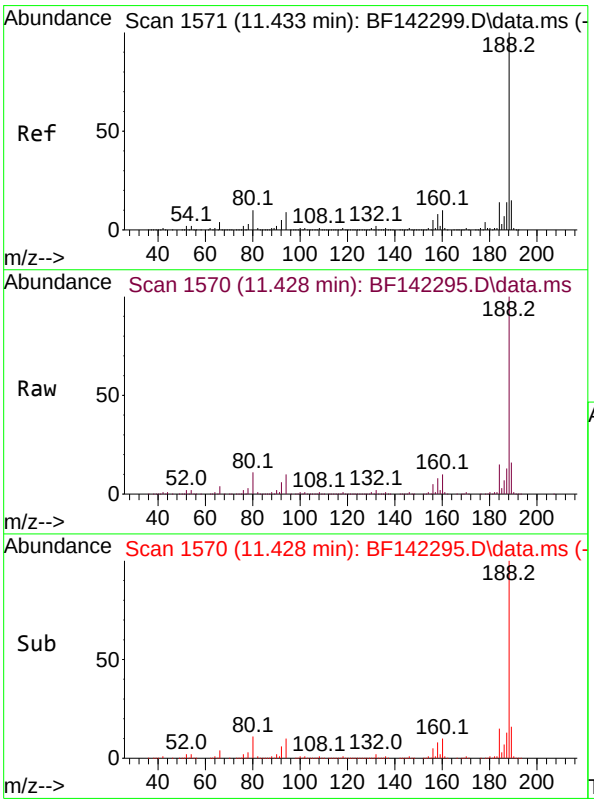
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.26 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

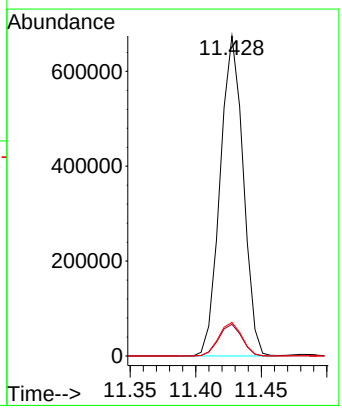
Sig	Exp Ratio
172	100
171	35.7
170	23.7

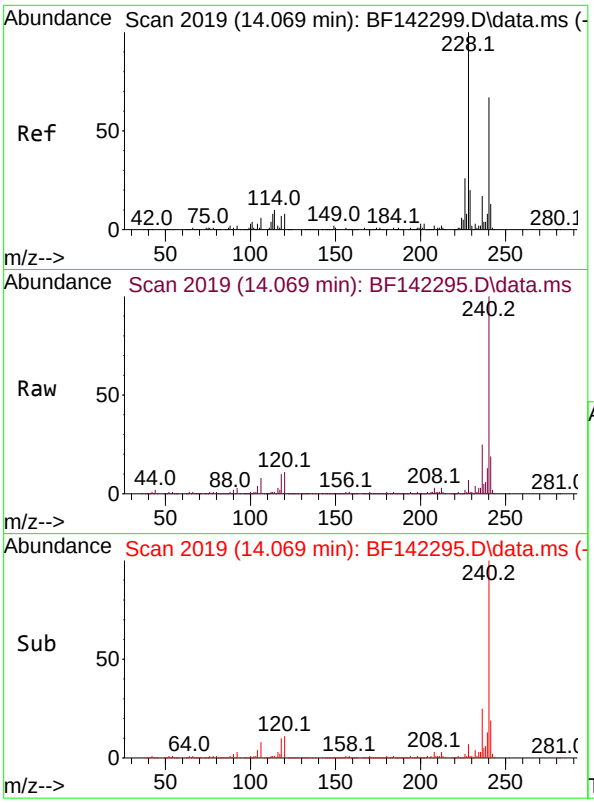


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

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



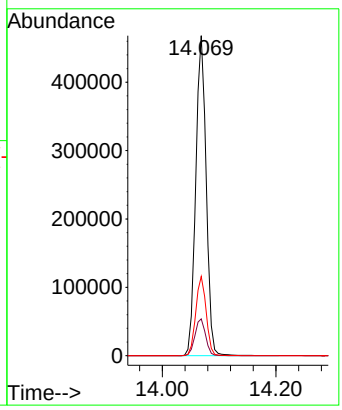


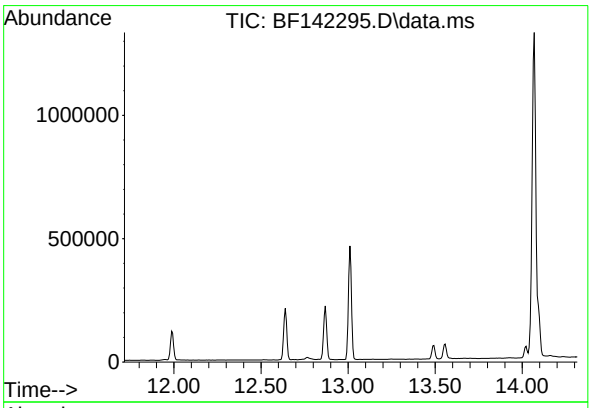
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

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



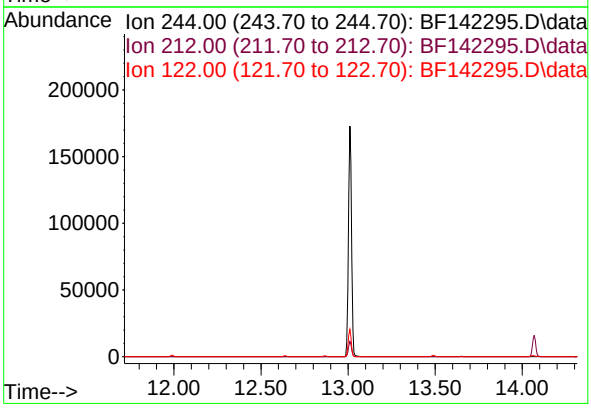


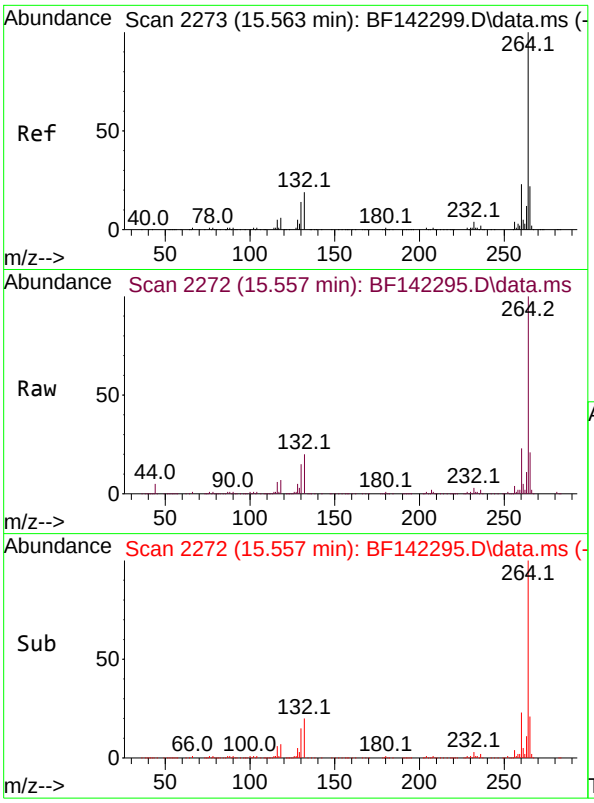
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.02 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.8
122	11.2



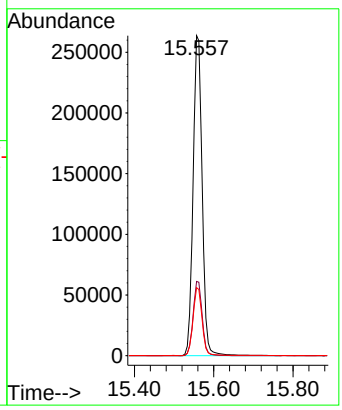


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

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

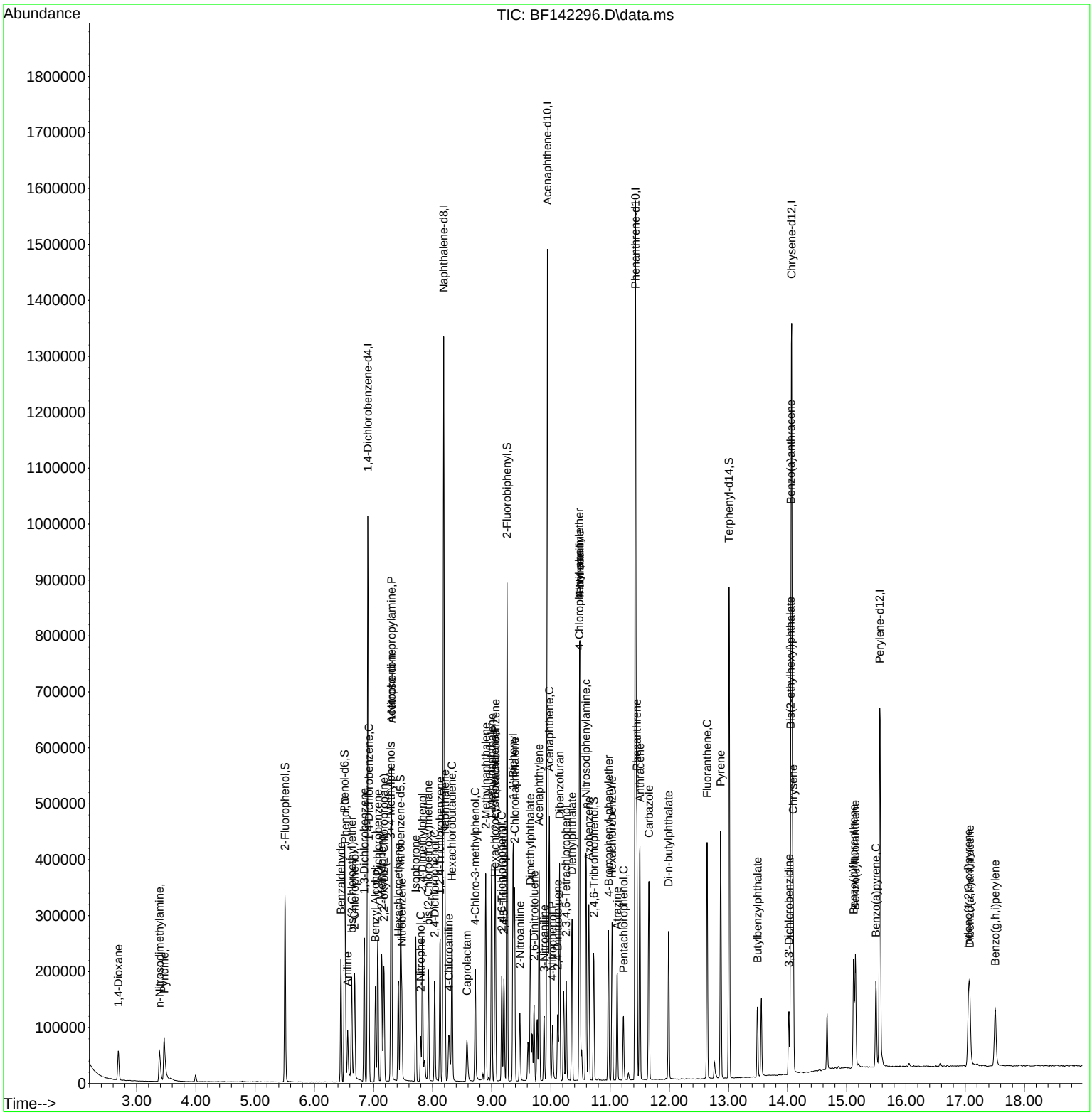
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Data File : BF142296.D
Acq On : 05 May 2025 14:23
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

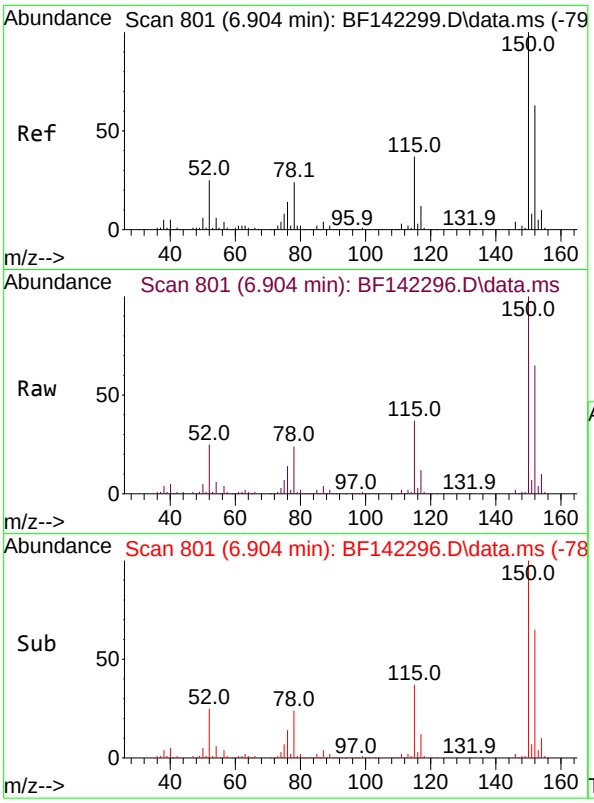
Quant Time: May 05 17:56:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

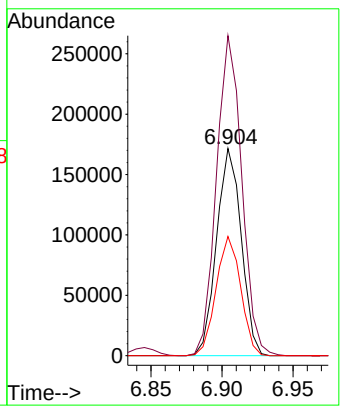




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:152 Resp: 20717

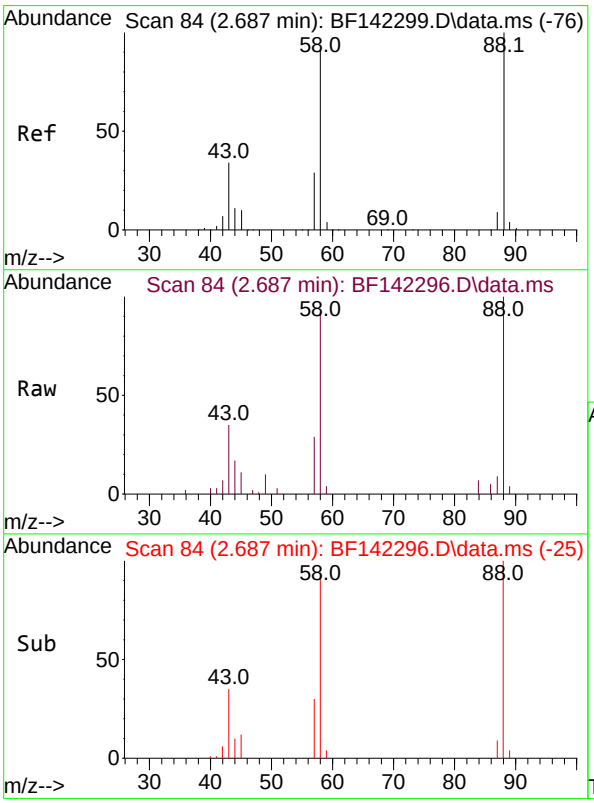
Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	190.0
115	57.6	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

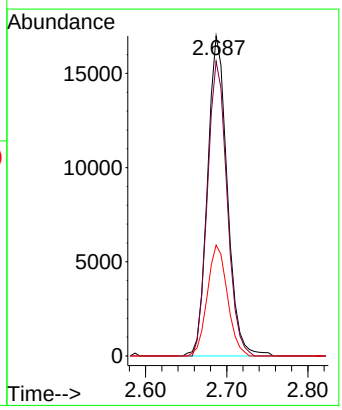
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

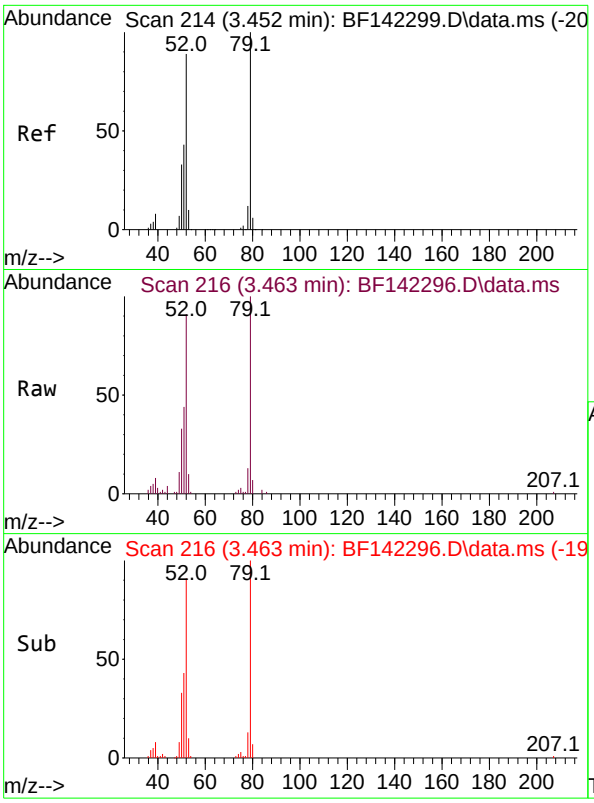


#2
1,4-Dioxane
Concen: 5.243 ng
RT: 2.687 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

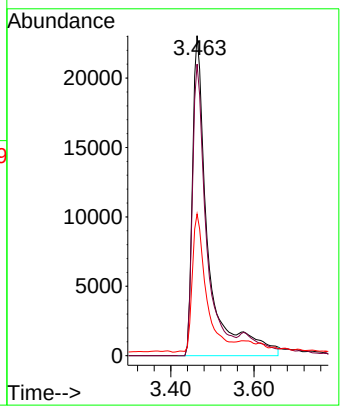




#3
Pyridine
Concen: 4.669 ng m
RT: 3.463 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 79 Resp: 6000

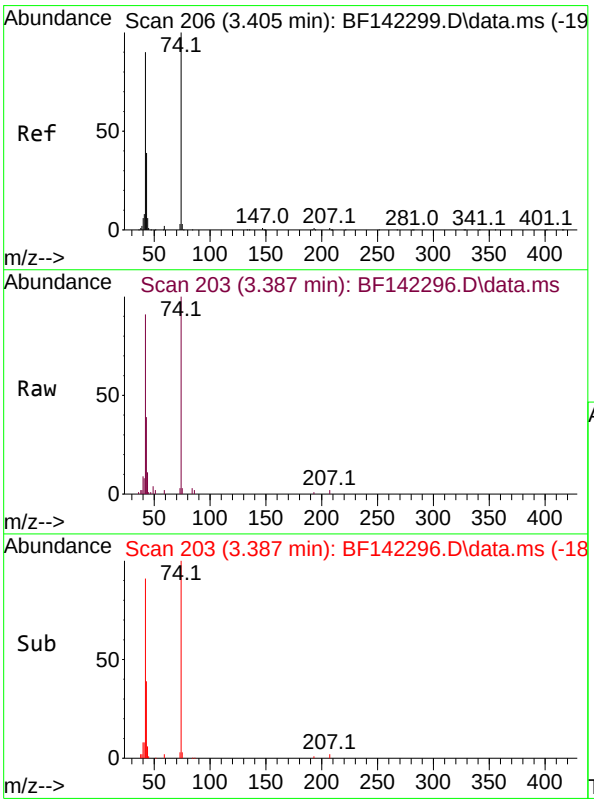
Ion	Ratio	Lower	Upper
79	100		
52	91.1	71.0	106.4
51	44.3	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

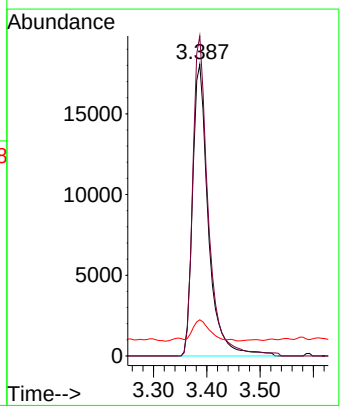
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

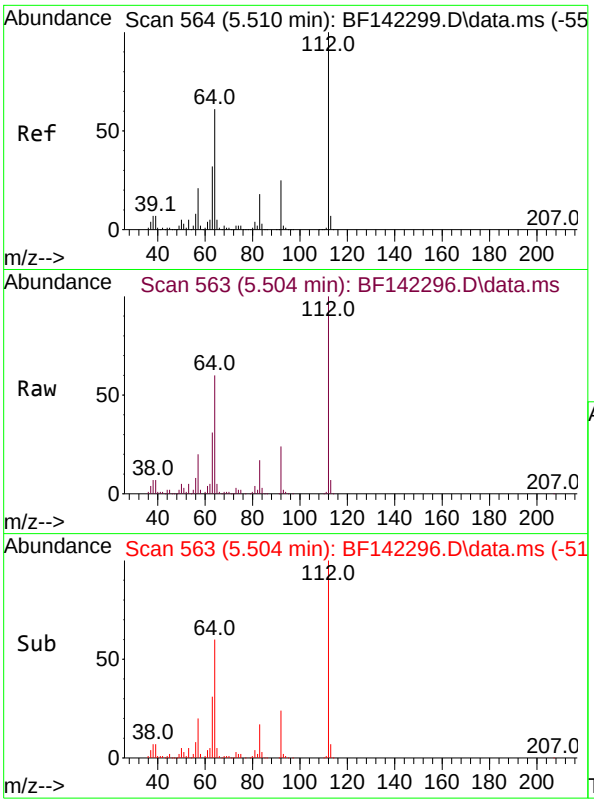


#4
n-Nitrosodimethylamine
Concen: 4.985 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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#

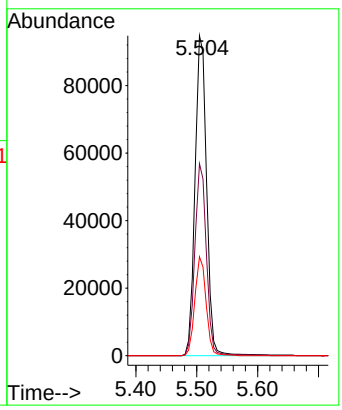




#5
2-Fluorophenol
Concen: 10.347 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:112 Resp: 12557

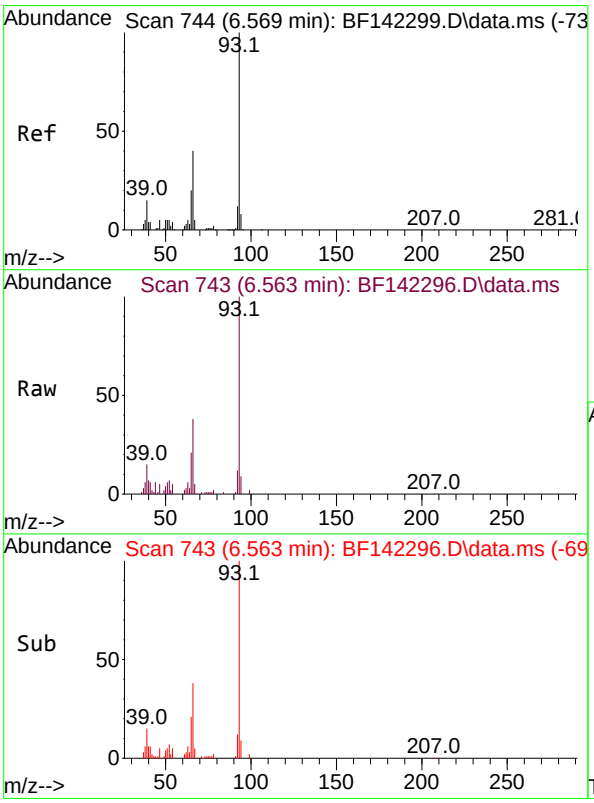
Ion	Ratio	Lower	Upper
112	100		
64	60.0	48.9	73.3
63	30.9	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

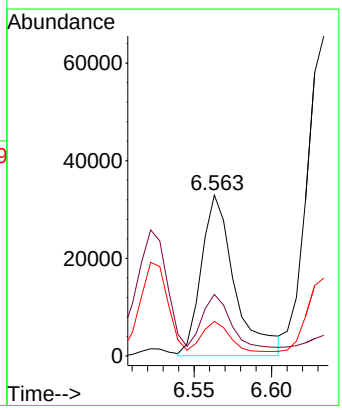
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

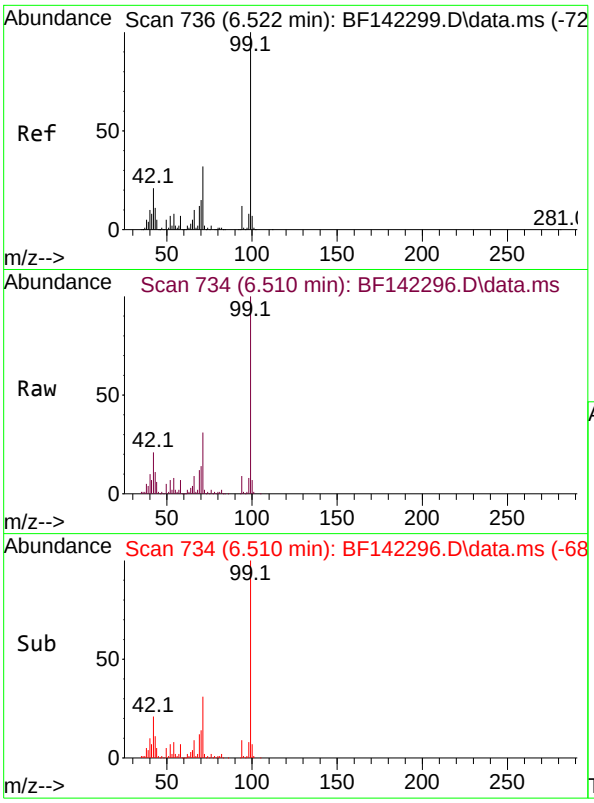


#6
Aniline
Concen: 3.377 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

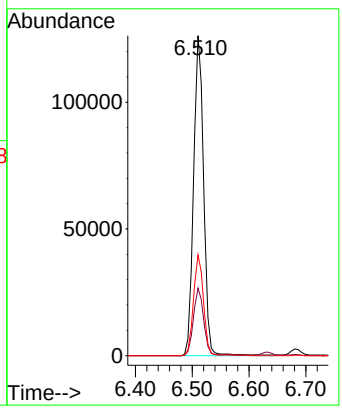
Tgt Ion: 99 Resp: 15641

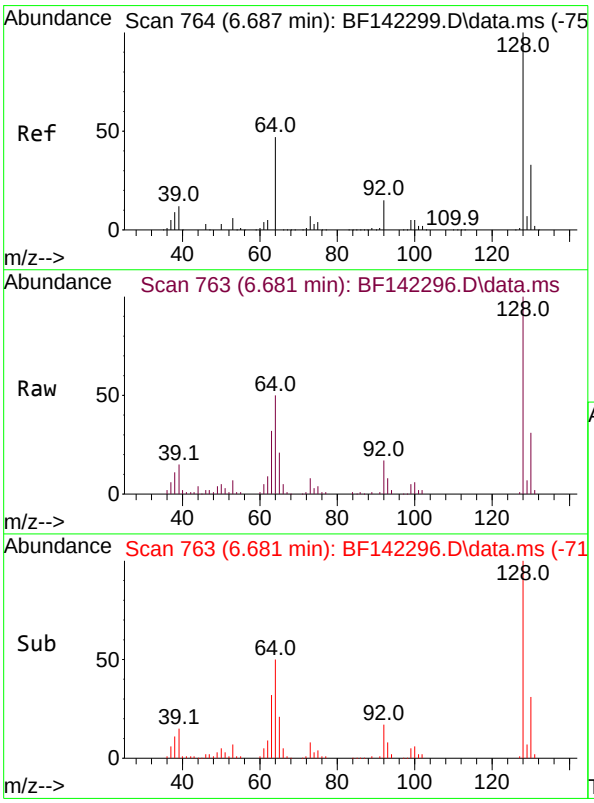
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.4
71	31.4	25.8	38.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

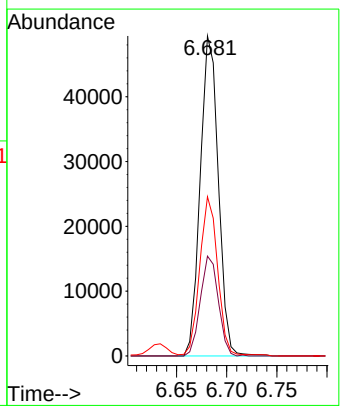


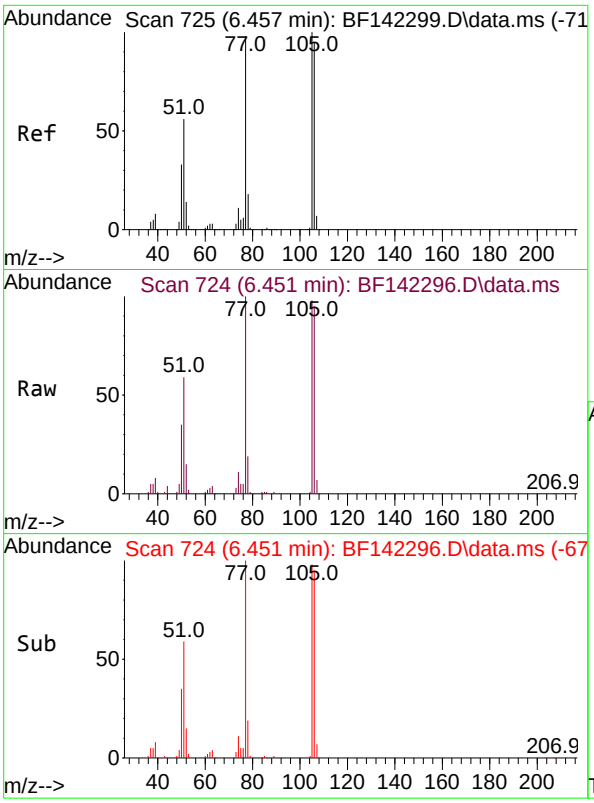


#8
2-Chlorophenol
Concen: 4.801 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

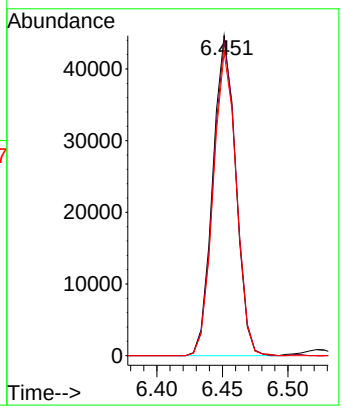
Tgt Ion: 77 Resp: 5431

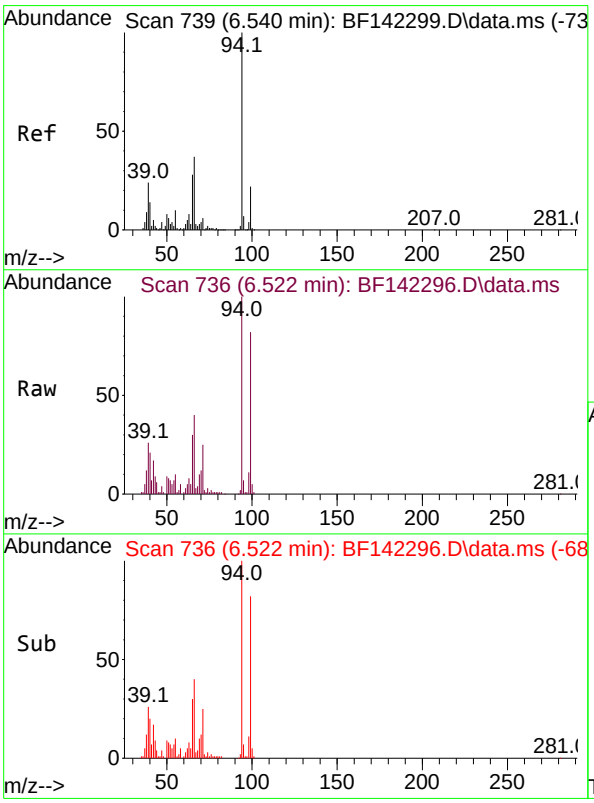
Ion	Ratio	Lower	Upper
77	100		
105	98.1	82.0	122.0
106	94.9	77.2	117.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

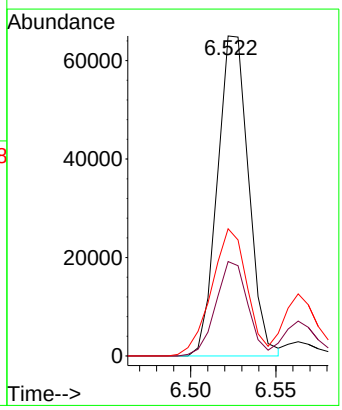


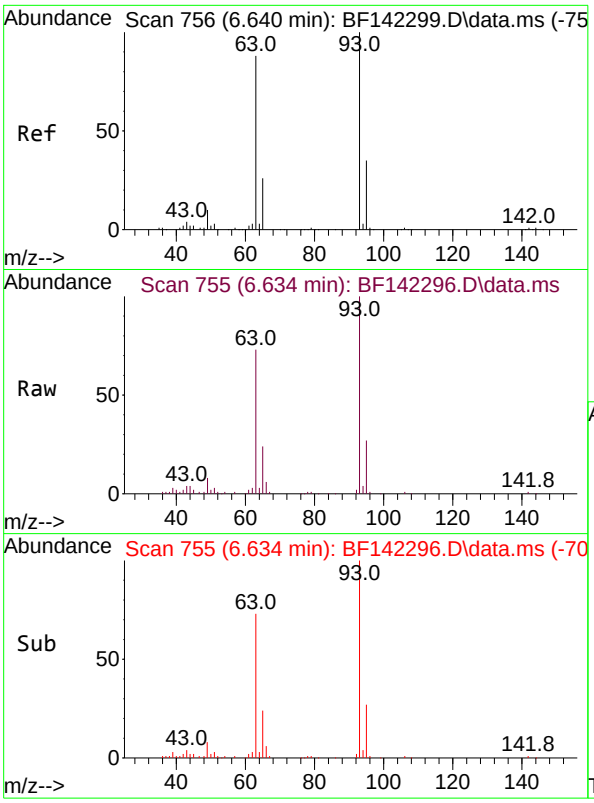


#10
Phenol
Concen: 5.234 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.018 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

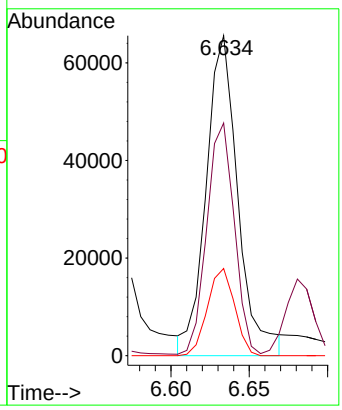




#11
bis(2-Chloroethyl)ether
Concen: 5.940 ng m
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 93 Resp: 9267

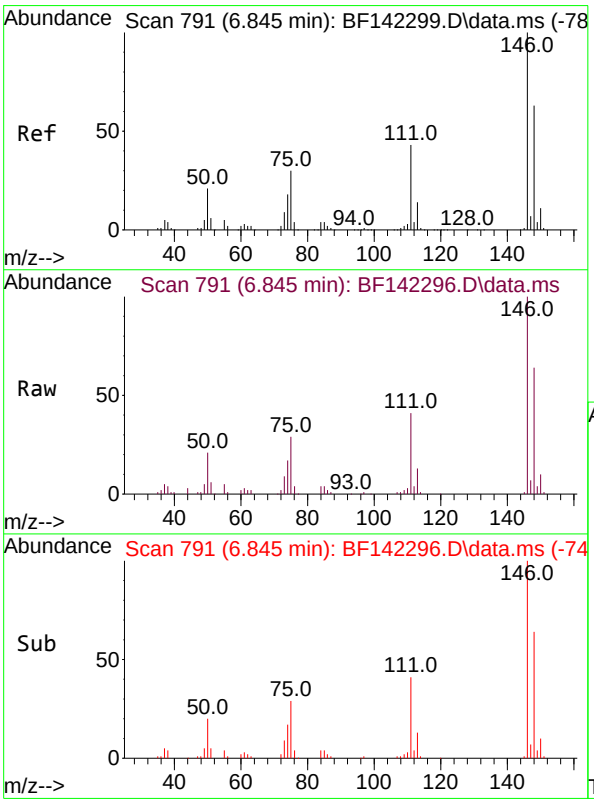
Ion	Ratio	Lower	Upper
93	100		
63	72.7	58.4	98.4
95	27.2	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

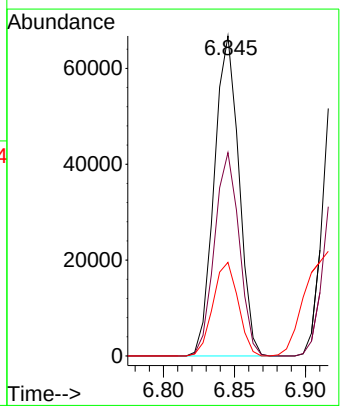
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

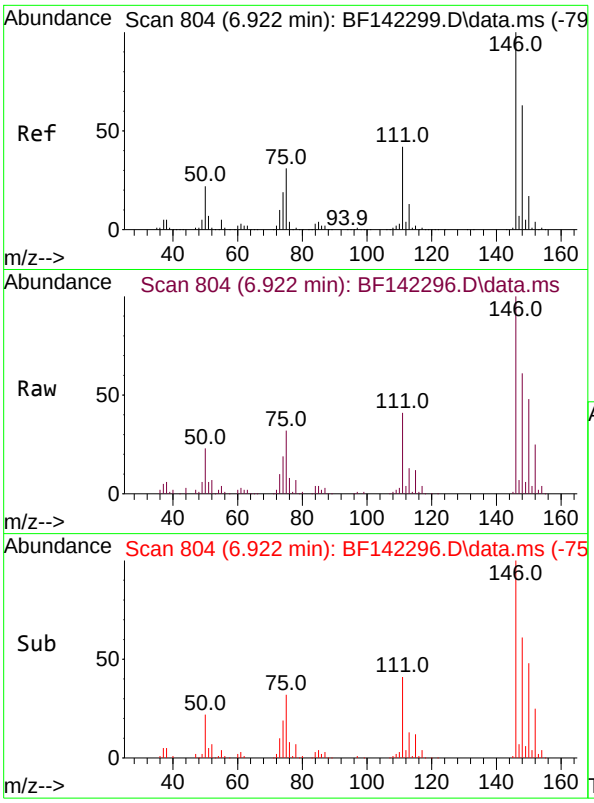


#12
1,3-Dichlorobenzene
Concen: 5.428 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

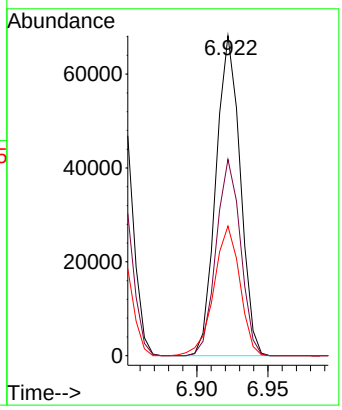




#13
1,4-Dichlorobenzene
Concen: 5.431 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:146 Resp: 8090

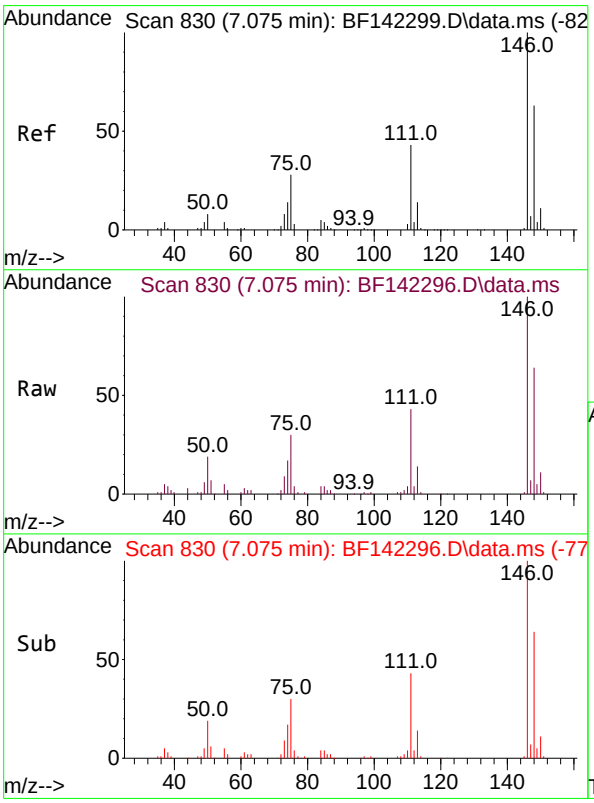
Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.5	75.7
111	40.5	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

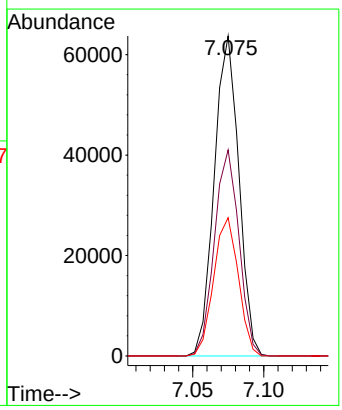
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

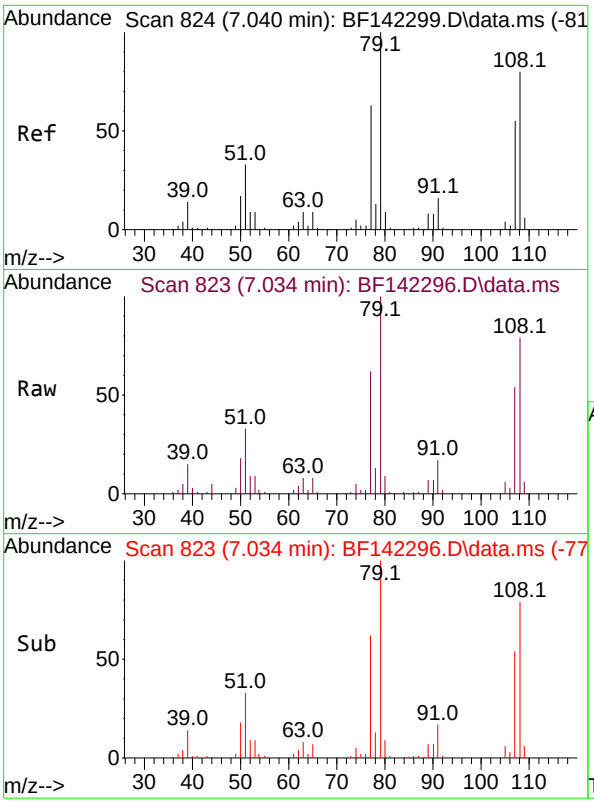


#14
1,2-Dichlorobenzene
Concen: 5.361 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

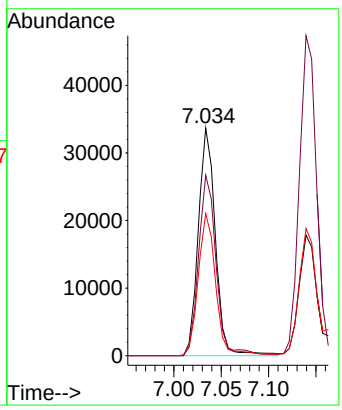




#15
Benzyl Alcohol
Concen: 4.374 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 79 Resp: 4227

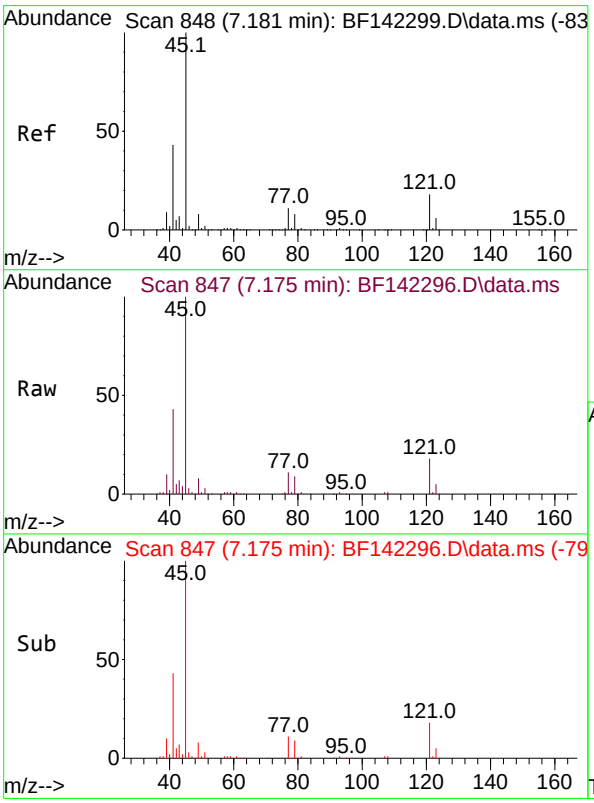
Ion	Ratio	Lower	Upper
79	100		
108	79.3	63.9	95.9
77	62.4	50.7	76.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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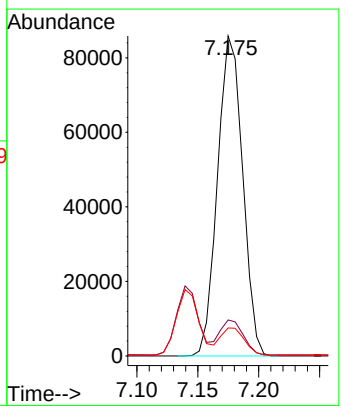
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

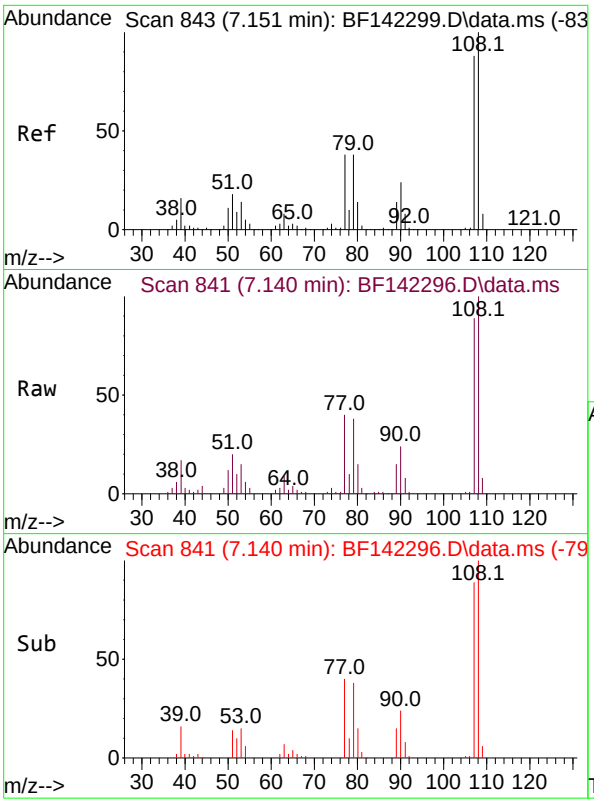


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.289 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

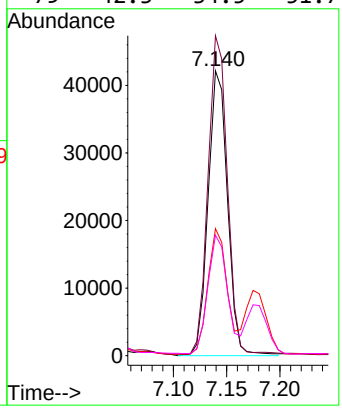




#17
2-Methylphenol
Concen: 5.094 ng
RT: 7.140 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:107 Resp: 5348

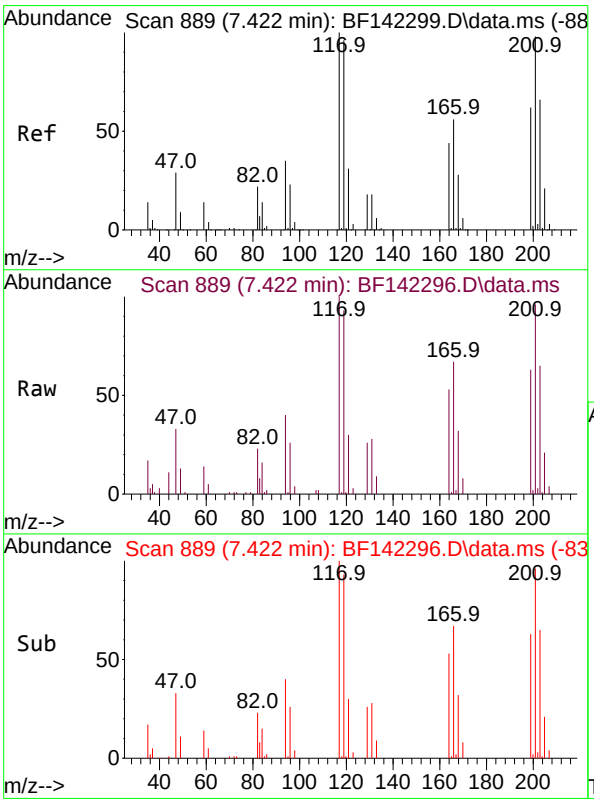
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.1	136.7
77	44.6	34.7	52.1
79	42.3	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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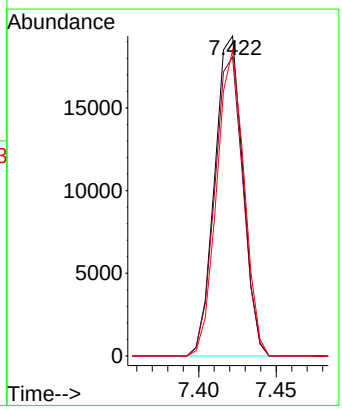
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

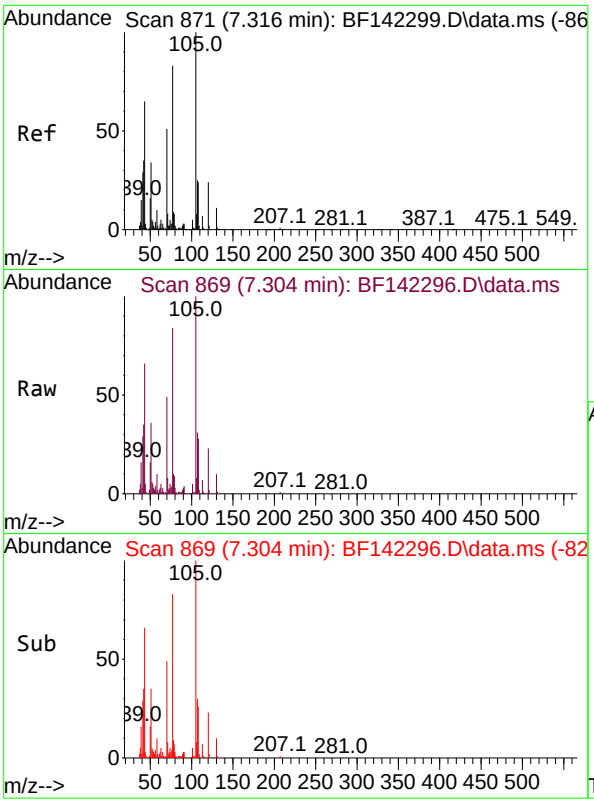


#18
Hexachloroethane
Concen: 4.938 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

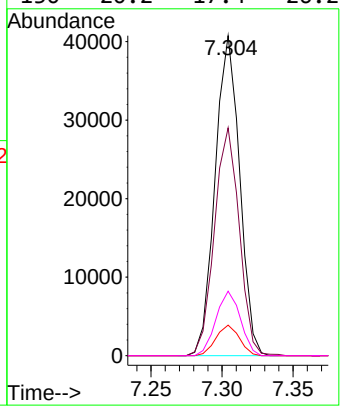




#19
n-Nitroso-di-n-propylamine
Concen: 5.290 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 70 Resp: 4884

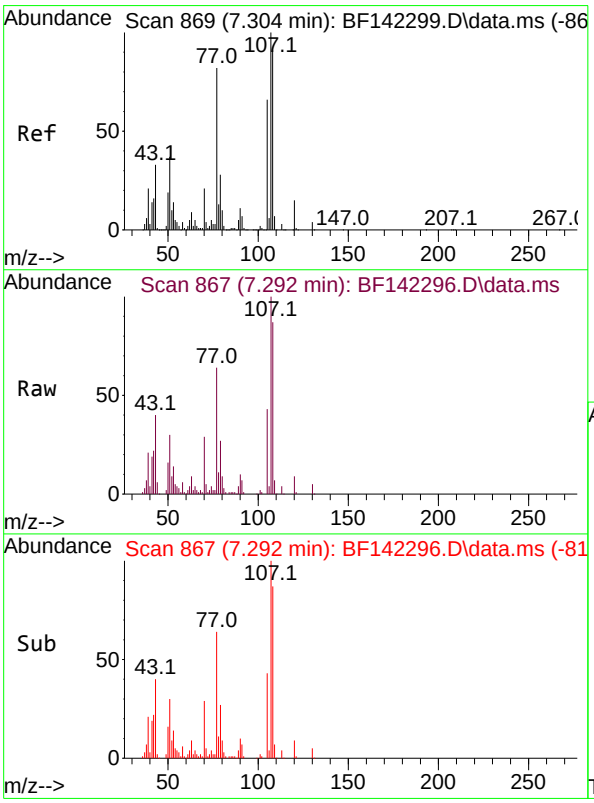
Ion	Ratio	Lower	Upper
70	100		
42	71.2	54.8	82.2
101	9.6	7.7	11.5
130	20.2	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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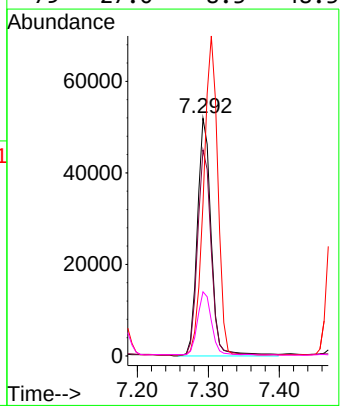
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

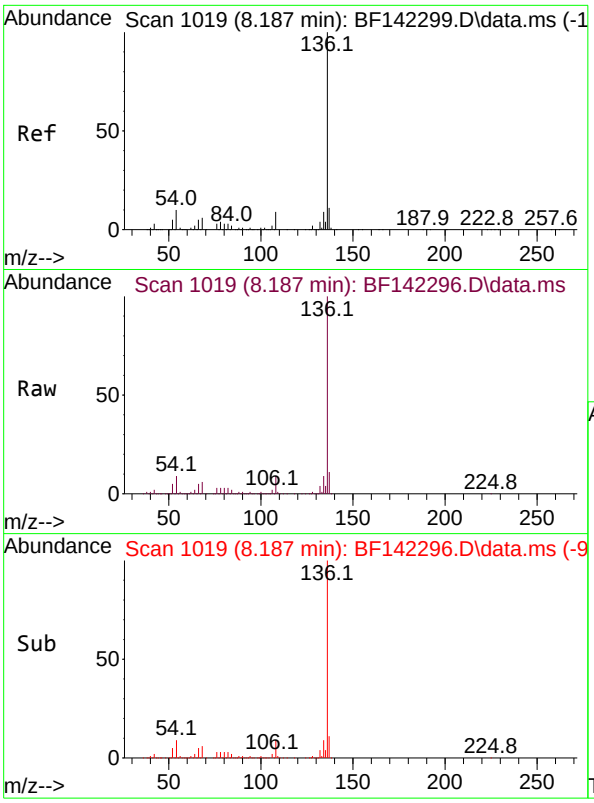


#20
3+4-Methylphenols
Concen: 5.351 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

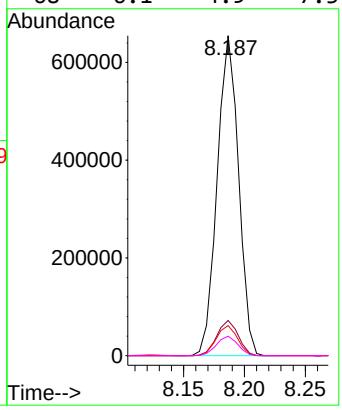




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:136 Resp: 80010(

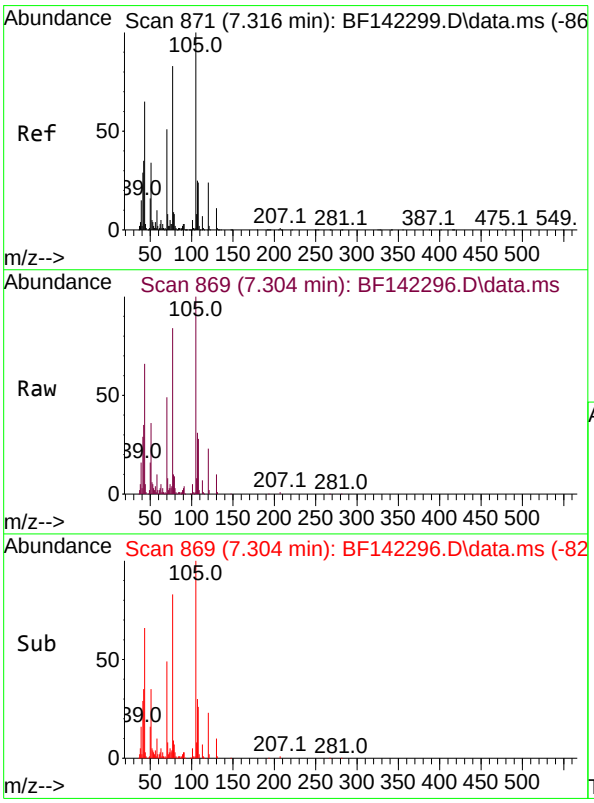
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.4	7.7	11.5
68	6.1	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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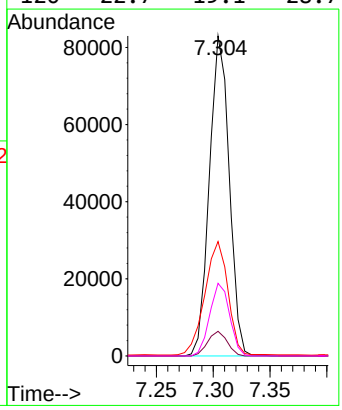
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

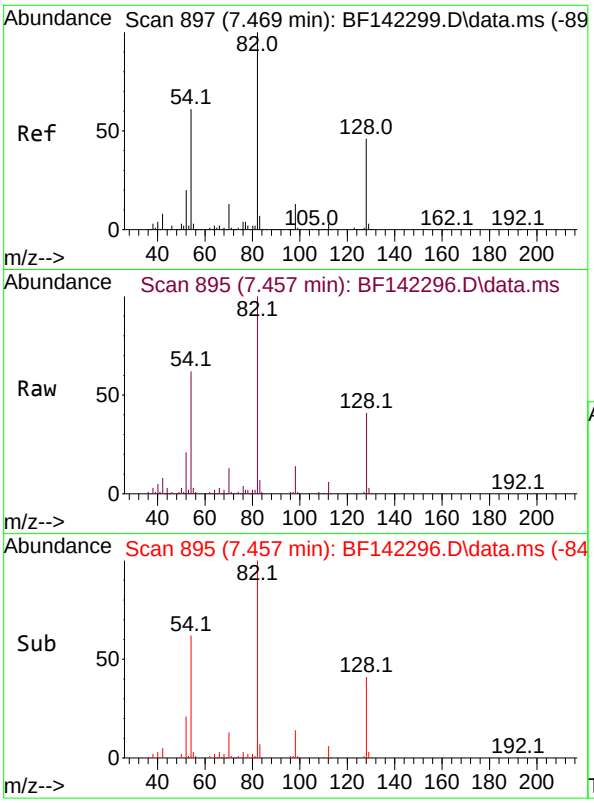


#22
Acetophenone
Concen: 5.677 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

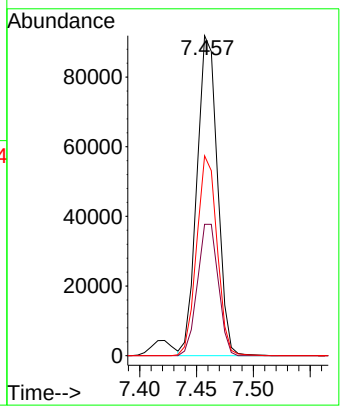
Tgt Ion: 82 Resp: 11554

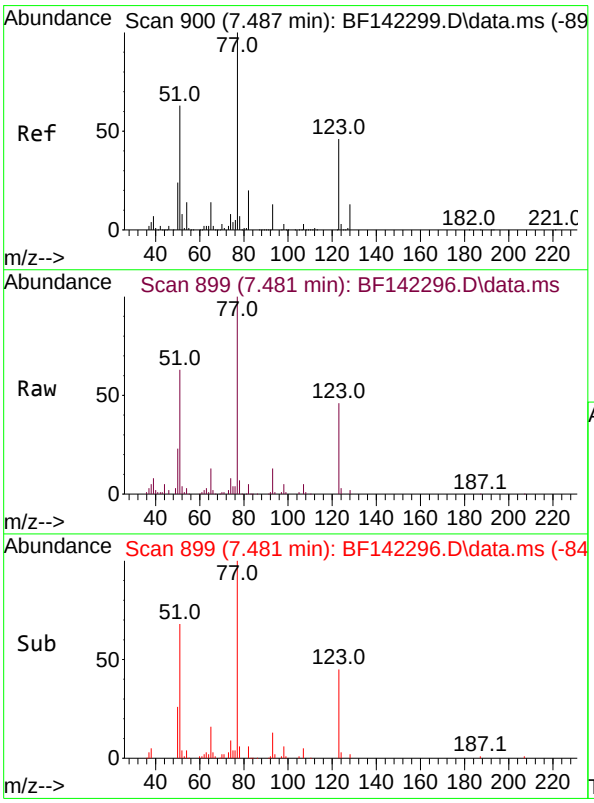
Ion	Ratio	Lower	Upper
82	100		
128	41.1	37.0	55.6
54	62.5	48.6	73.0

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

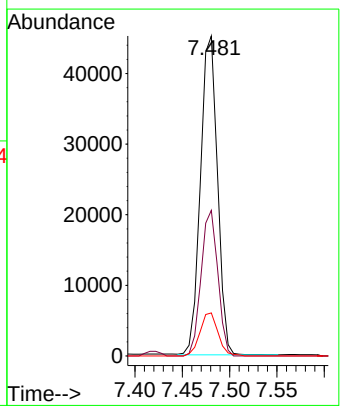


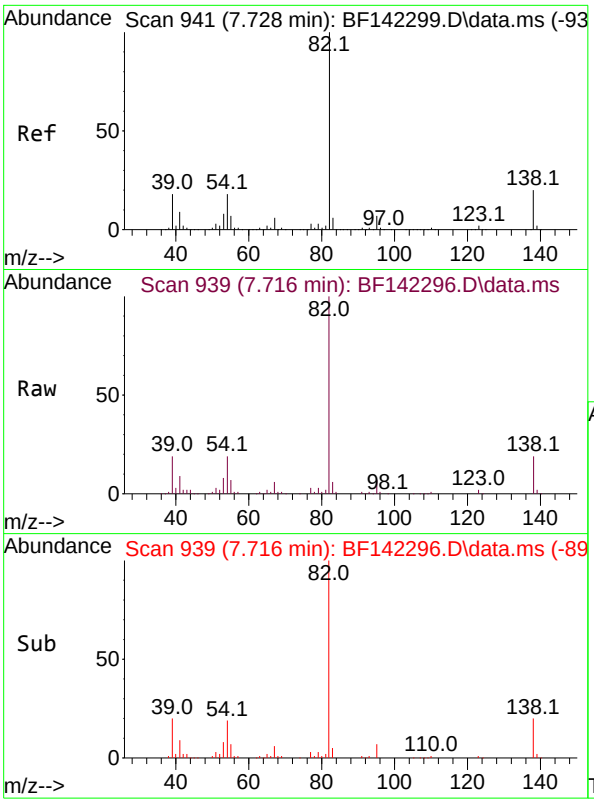


#24
Nitrobenzene
Concen: 4.551 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

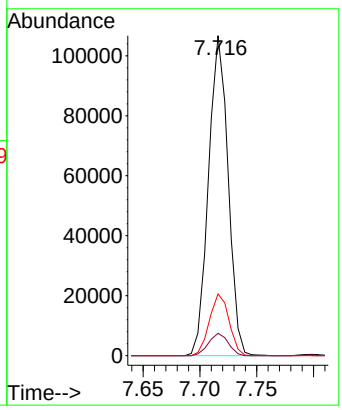




#25
Isophorone
Concen: 5.145 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 82 Resp: 12781

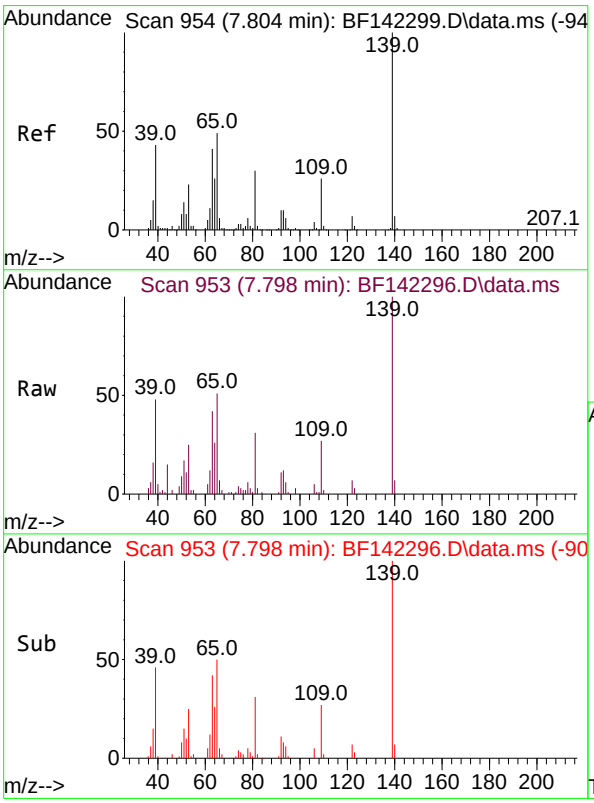
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.8
138	19.3	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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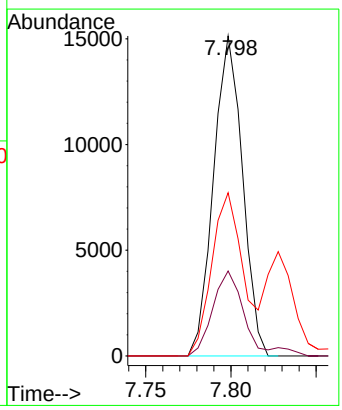
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

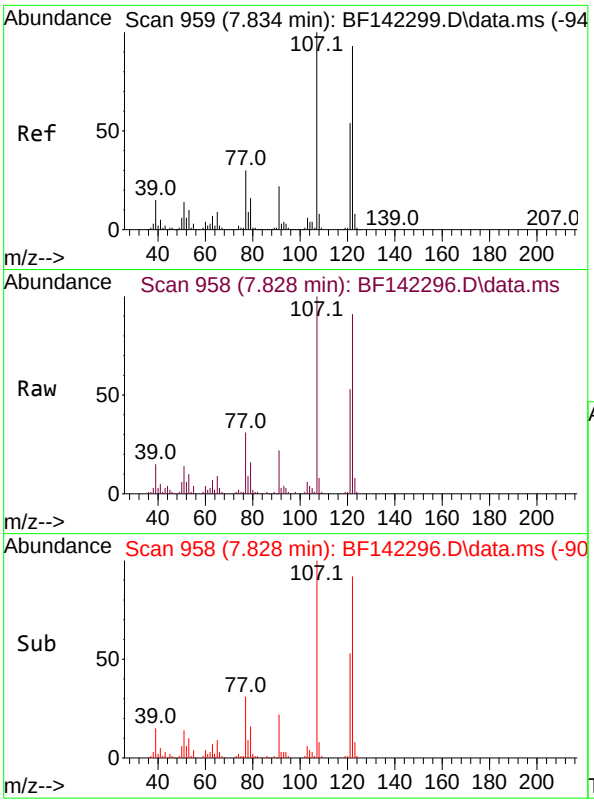


#26
2-Nitrophenol
Concen: 6.828 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

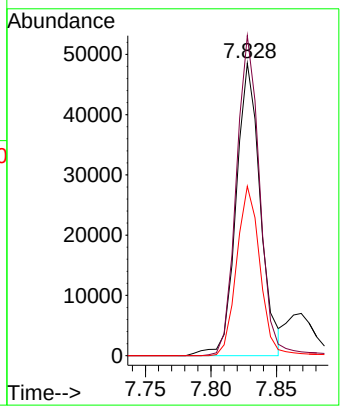




#27
2,4-Dimethylphenol
Concen: 4.981 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:122 Resp: 6221

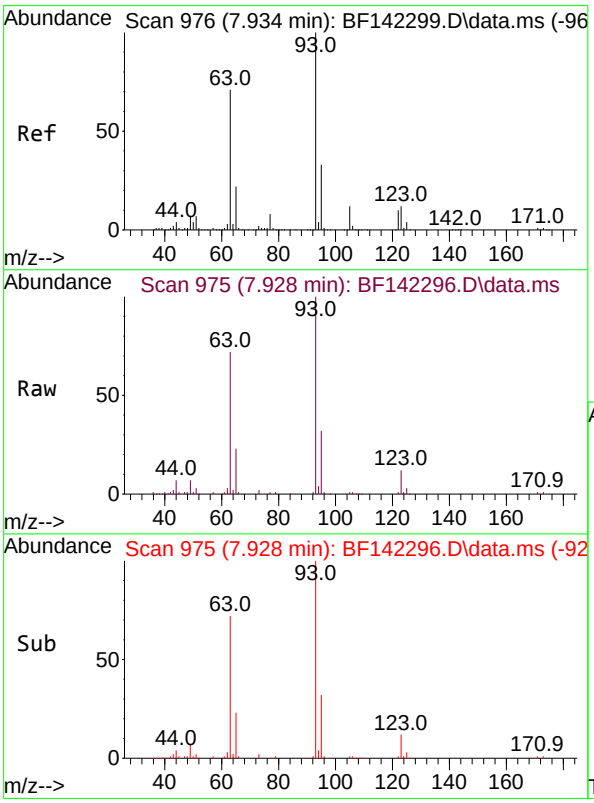
Ion	Ratio	Lower	Upper
122	100		
107	109.4	86.0	129.0
121	57.9	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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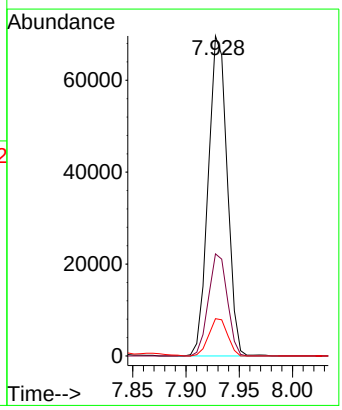
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

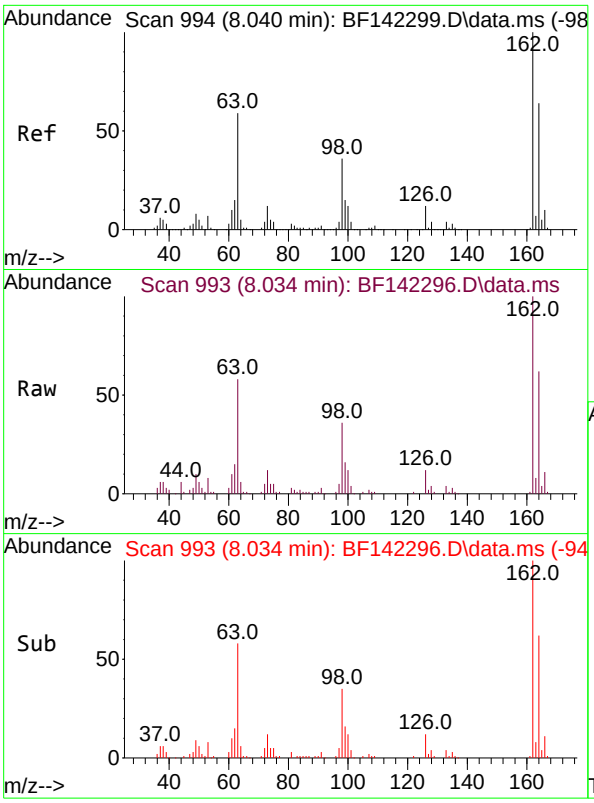


#28
bis(2-Chloroethoxy)methane
Concen: 5.385 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

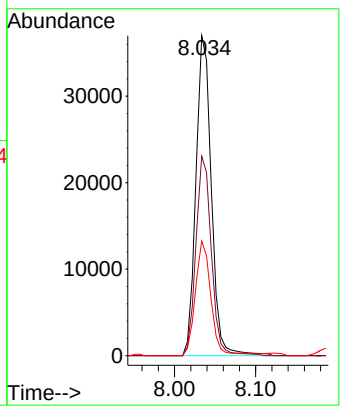




#29
2,4-Dichlorophenol
Concen: 4.615 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:162 Resp: 4900

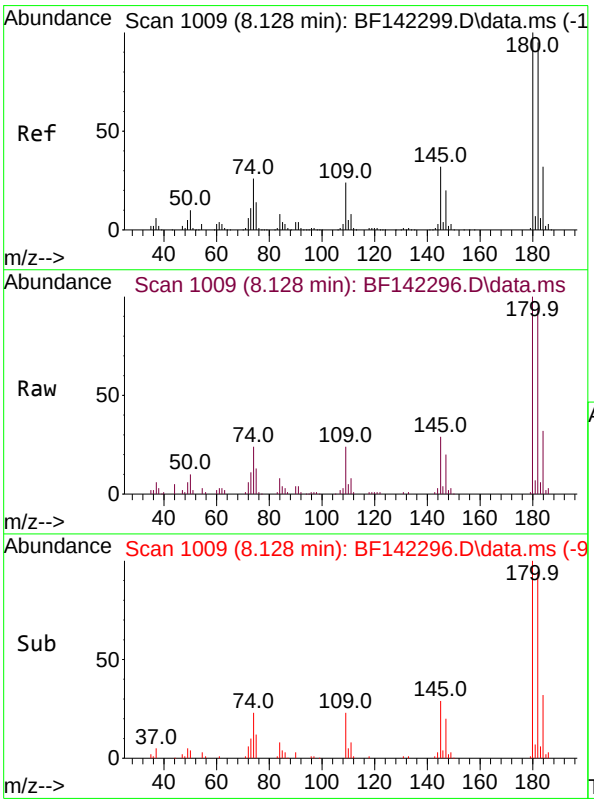
Ion	Ratio	Lower	Upper
162	100		
164	62.4	43.6	83.6
98	35.8	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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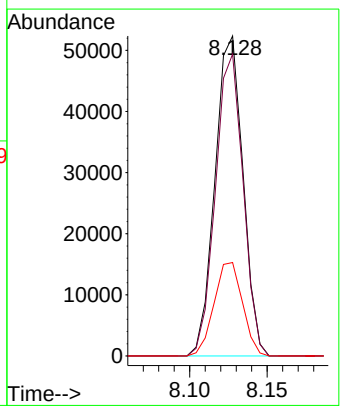
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

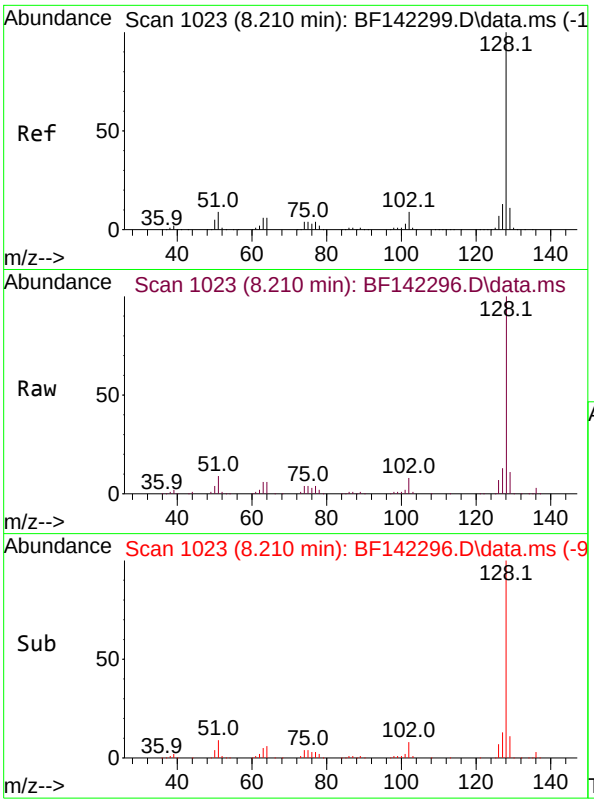


#30
1,2,4-Trichlorobenzene
Concen: 5.501 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

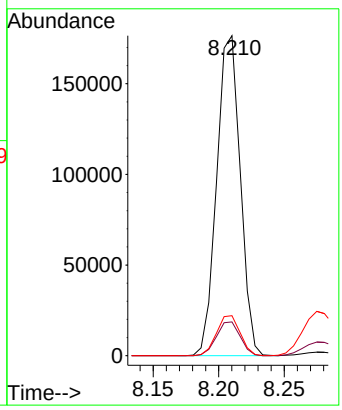




#31
Naphthalene
Concen: 5.684 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:128 Resp: 22040

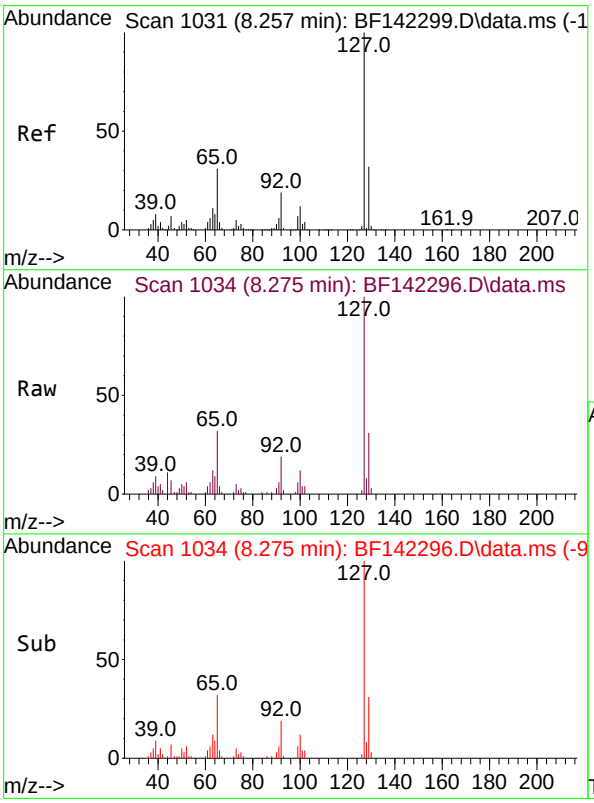
Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.1	13.7
127	12.5	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

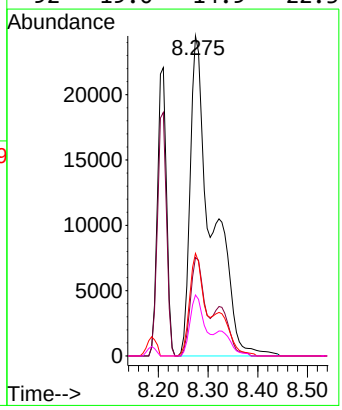
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

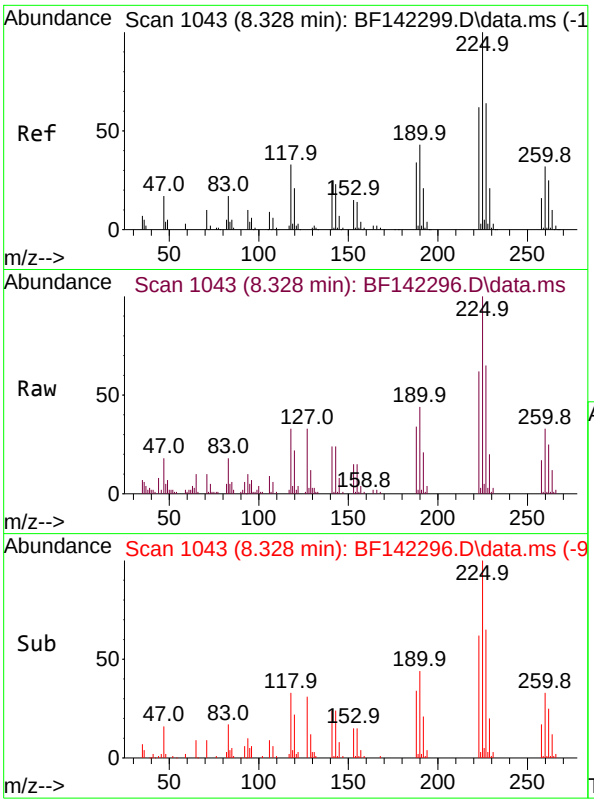


#33
4-Chloroaniline
Concen: 4.723 ng m
RT: 8.275 min Scan# 1034
Delta R.T. 0.018 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

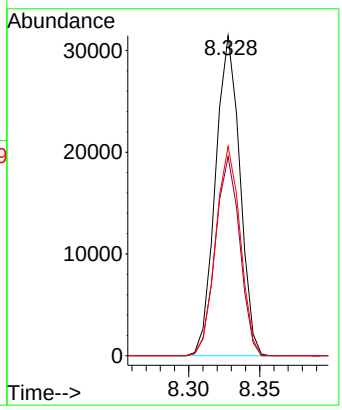
Tgt Ion:225 Resp: 3752

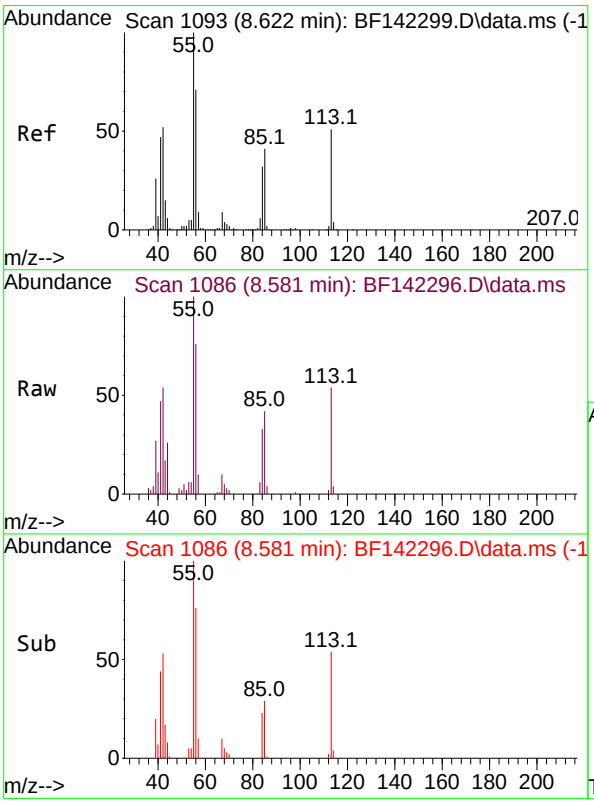
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	65.4	50.9	76.3

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

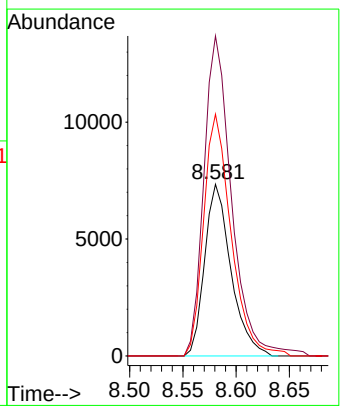


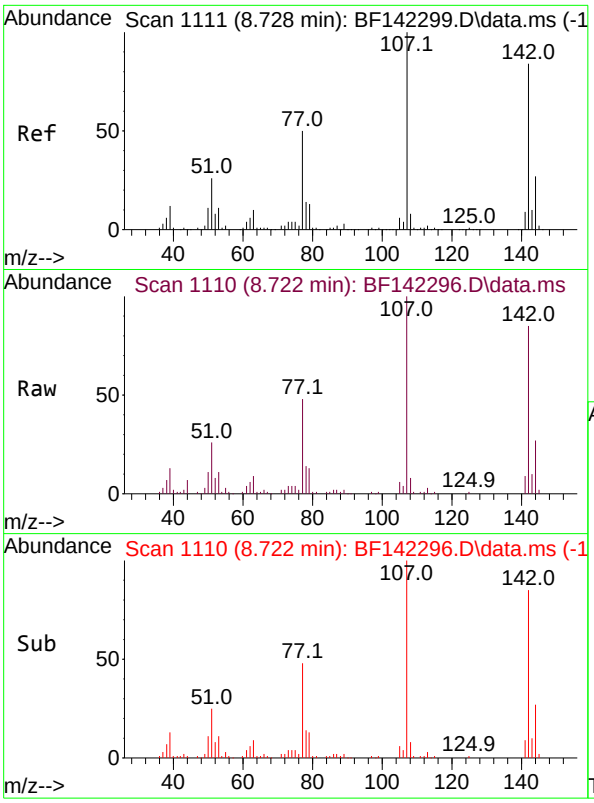


#35
Caprolactam
Concen: 4.085 ng
RT: 8.581 min Scan# 1086
Delta R.T. -0.041 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

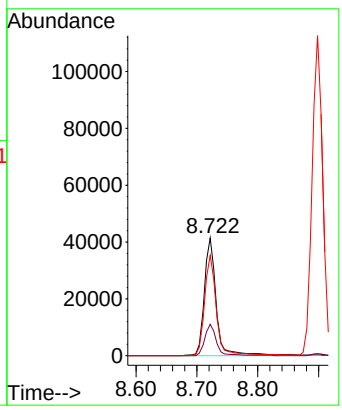




#36
4-Chloro-3-methylphenol
Concen: 5.083 ng
RT: 8.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:107 Resp: 5611

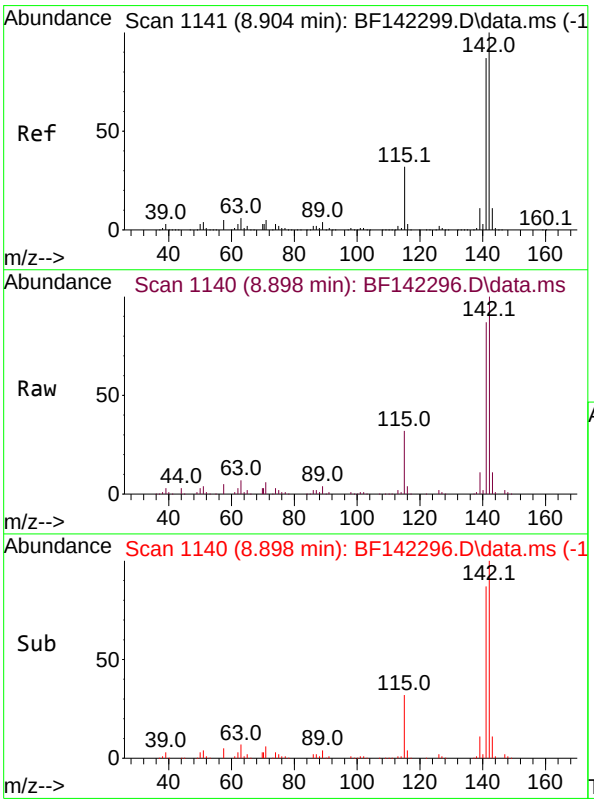
Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.3	31.9
142	85.1	66.9	100.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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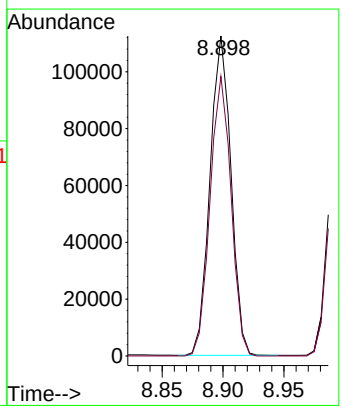
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

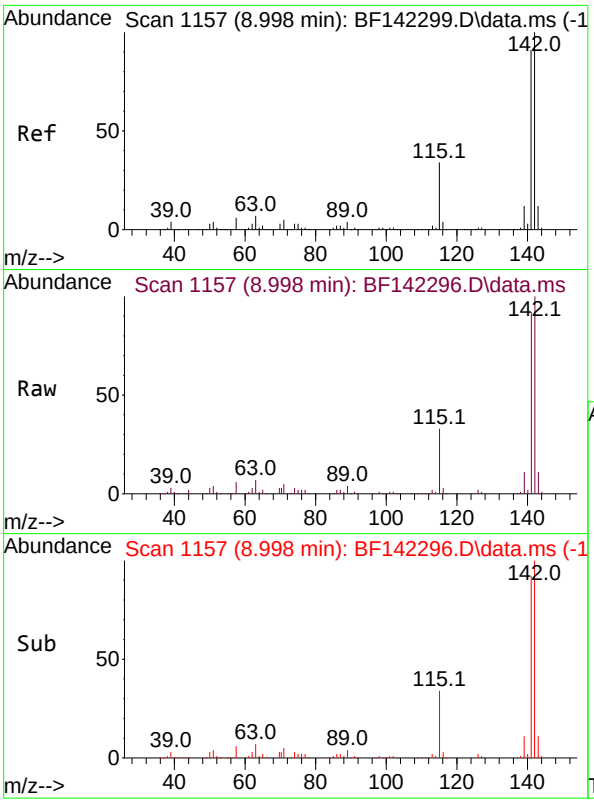


#37
2-Methylnaphthalene
Concen: 5.576 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:142 Resp: 134367

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.4	104.2

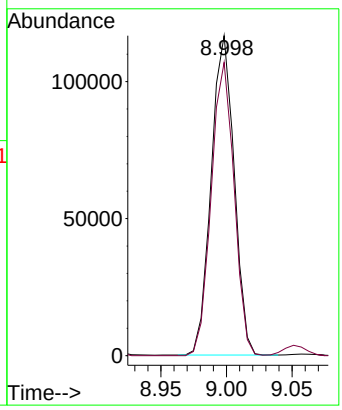




#38
1-Methylnaphthalene
Concen: 5.652 ng
RT: 8.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:142 Resp: 14195

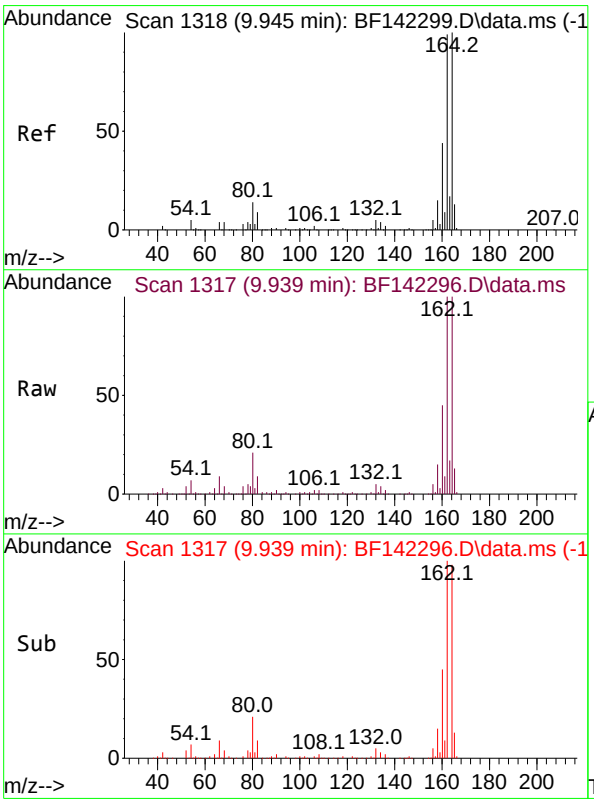
Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.5	108.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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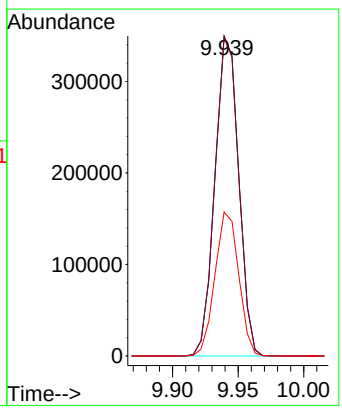
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

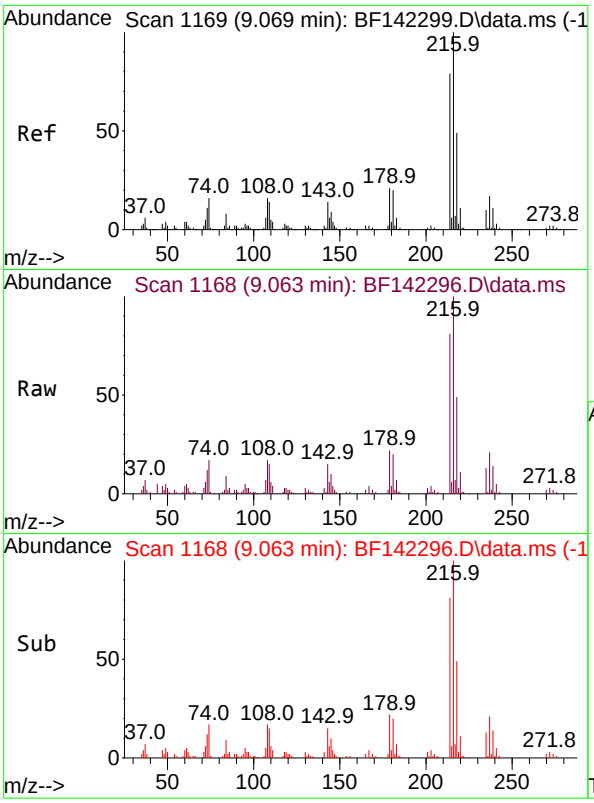


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

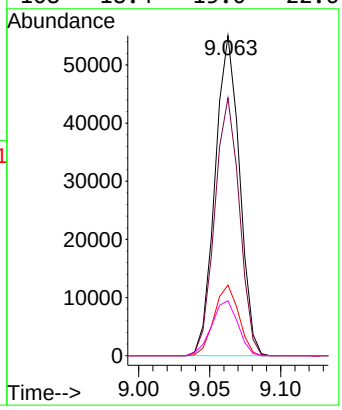




#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.370 ng
RT: 9.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:216 Resp: 6589

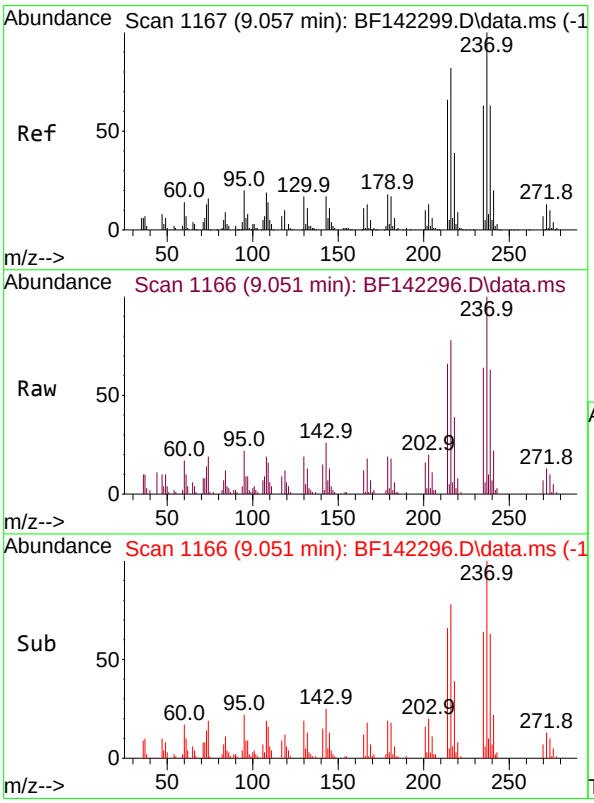
Ion	Ratio	Lower	Upper
216	100		
214	81.0	63.8	95.6
179	22.1	17.0	25.6
108	18.4	15.0	22.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

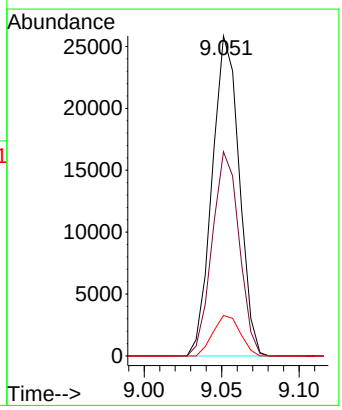
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

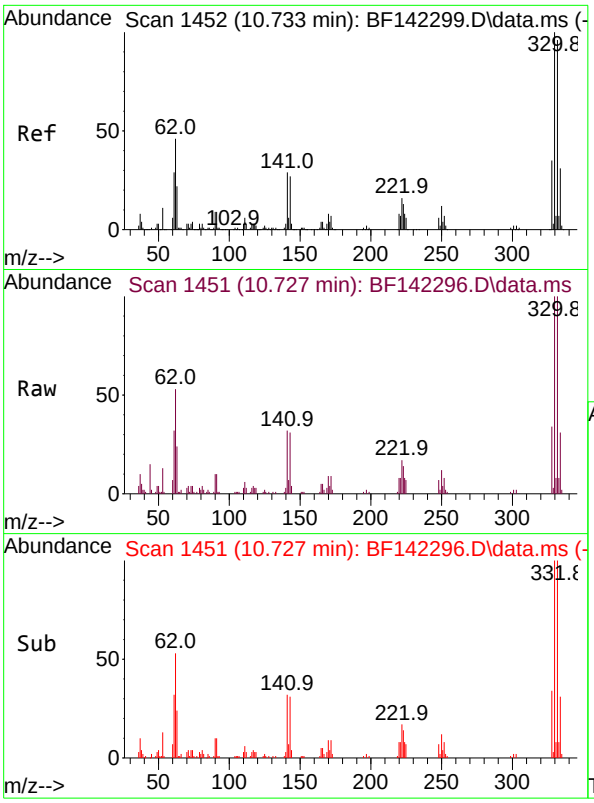


#41
Hexachlorocyclopentadiene
Concen: 4.140 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

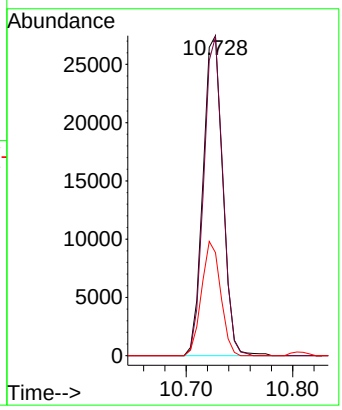




#42
2,4,6-Tribromophenol
Concen: 8.322 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:330 Resp: 3529

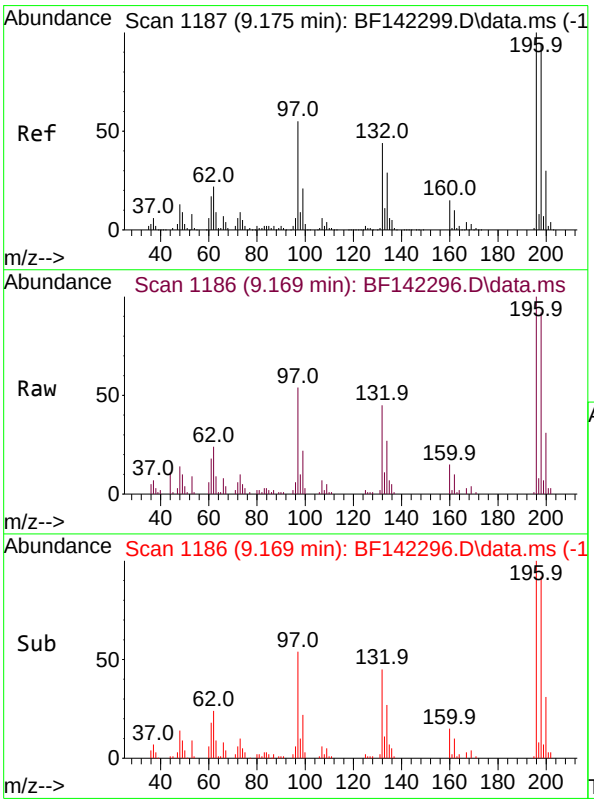
Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	34.6	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

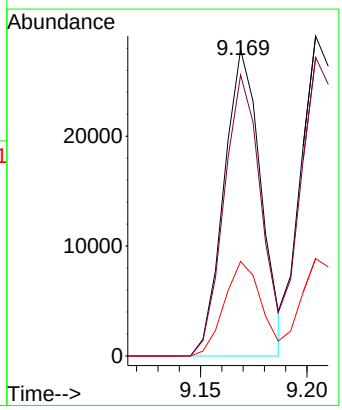
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

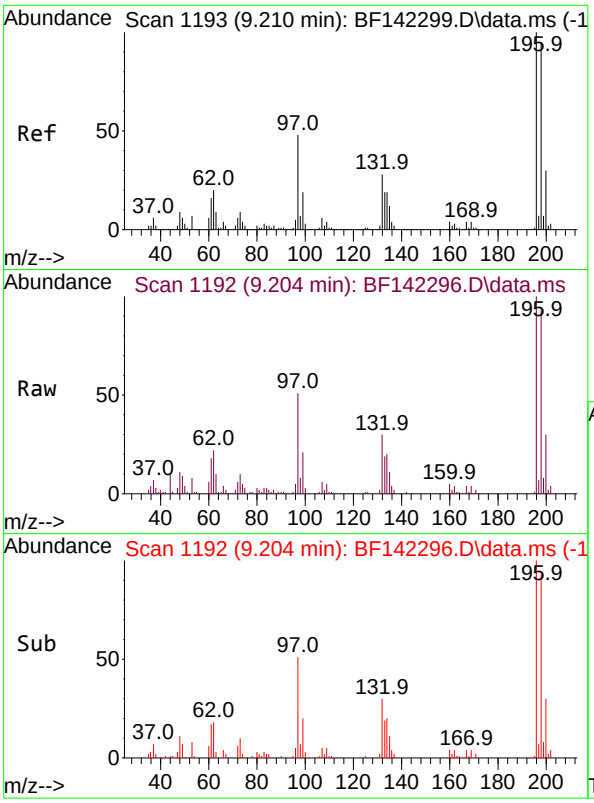


#43
2,4,6-Trichlorophenol
Concen: 4.346 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

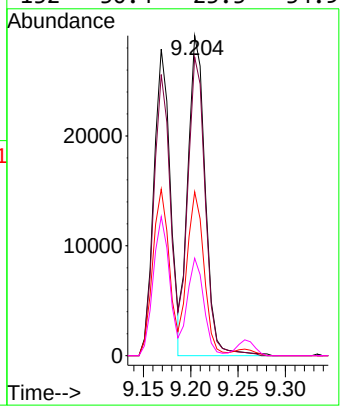




#44
2,4,5-Trichlorophenol
Concen: 4.522 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:196 Resp: 3723

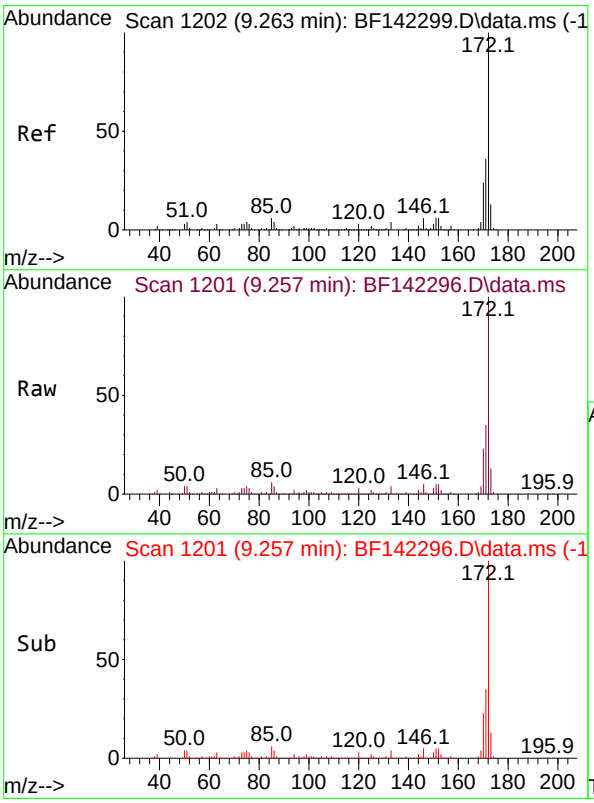
Ion	Ratio	Lower	Upper
196	100		
198	93.3	76.1	114.1
97	51.2	39.0	58.4
132	30.4	23.3	34.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

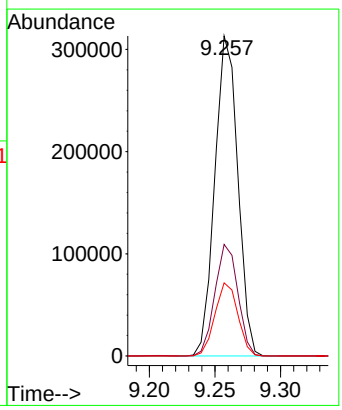
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

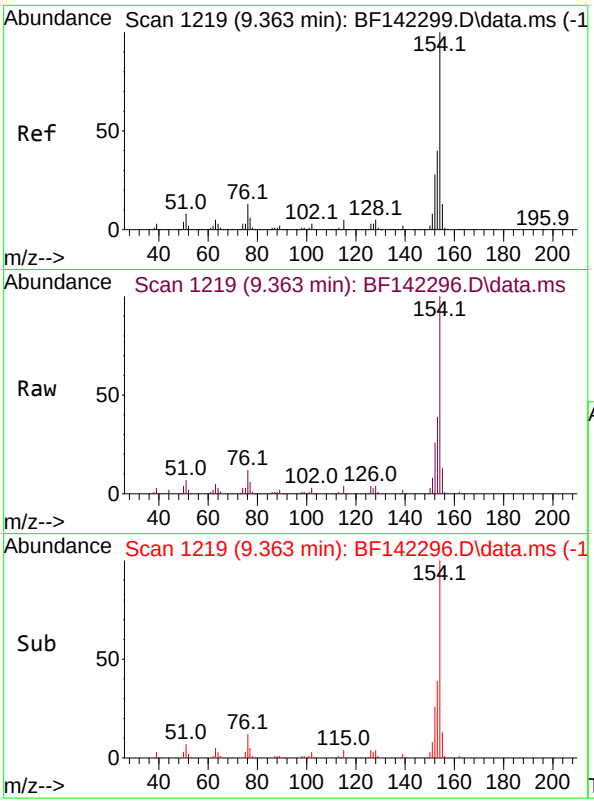


#45
2-Fluorobiphenyl
Concen: 12.383 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

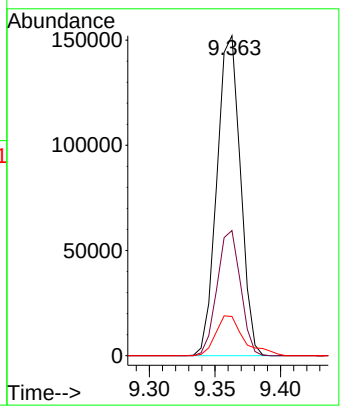




#46
1,1'-Biphenyl
Concen: 5.631 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:154 Resp: 18966

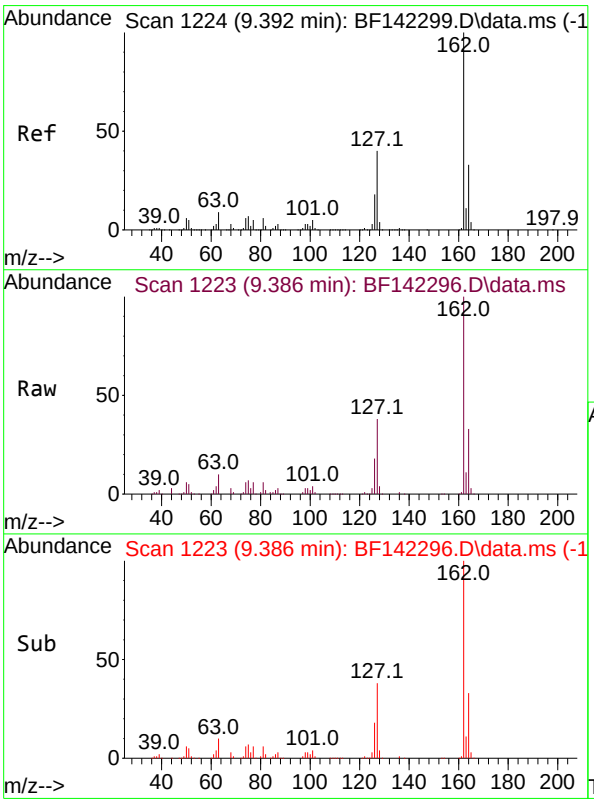
Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.5	60.5
76	12.3	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

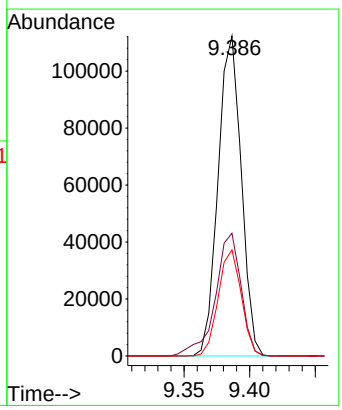
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

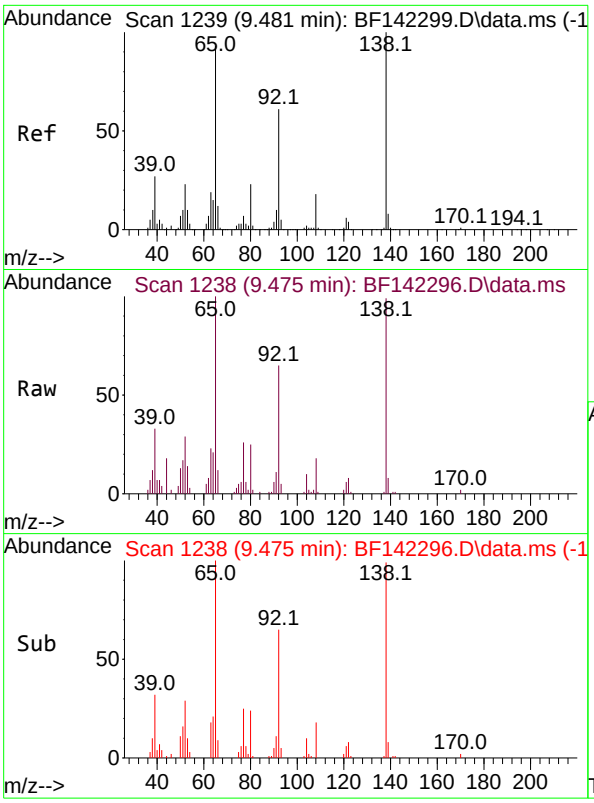


#47
2-Chloronaphthalene
Concen: 5.506 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

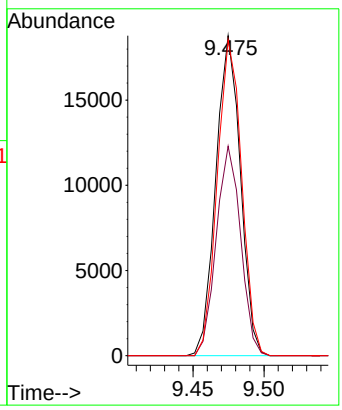




#48
2-Nitroaniline
Concen: 3.510 ng
RT: 9.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 65 Resp: 2253

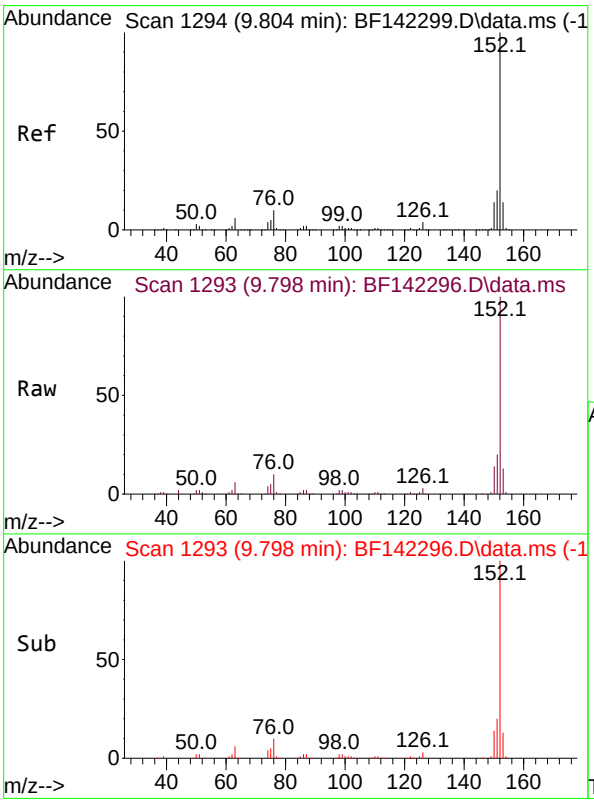
Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.3	78.5
138	98.7	85.6	128.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

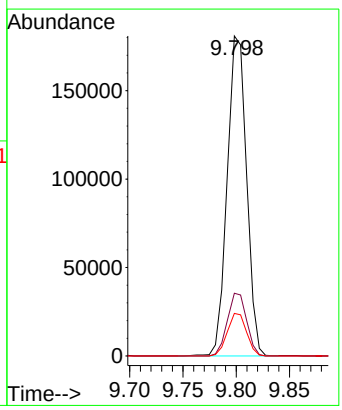
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

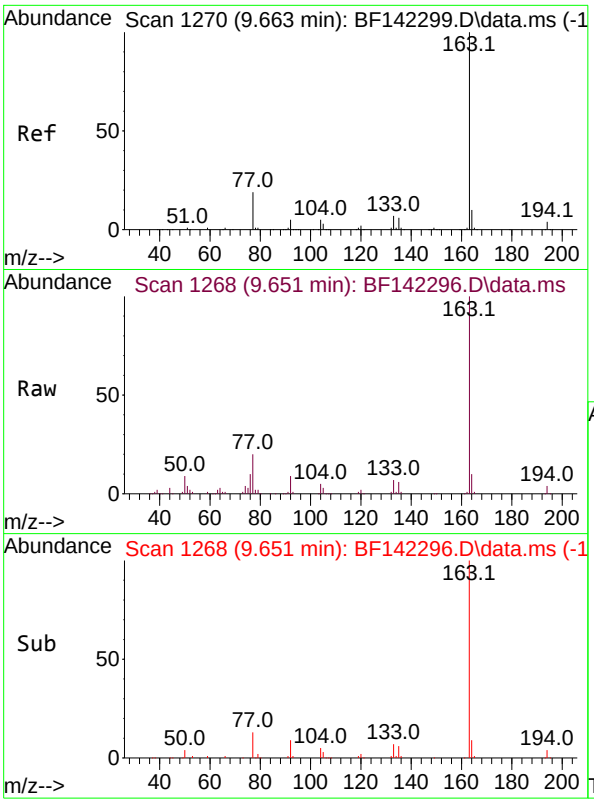


#49
Acenaphthylene
Concen: 5.460 ng
RT: 9.798 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

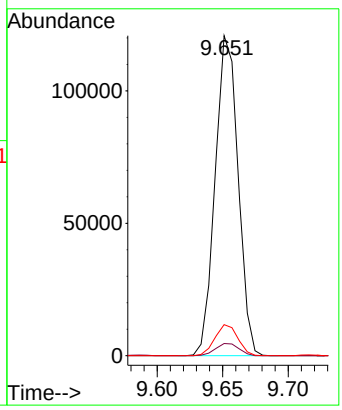




#50
Dimethylphthalate
Concen: 5.208 ng
RT: 9.651 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:163 Resp: 14691

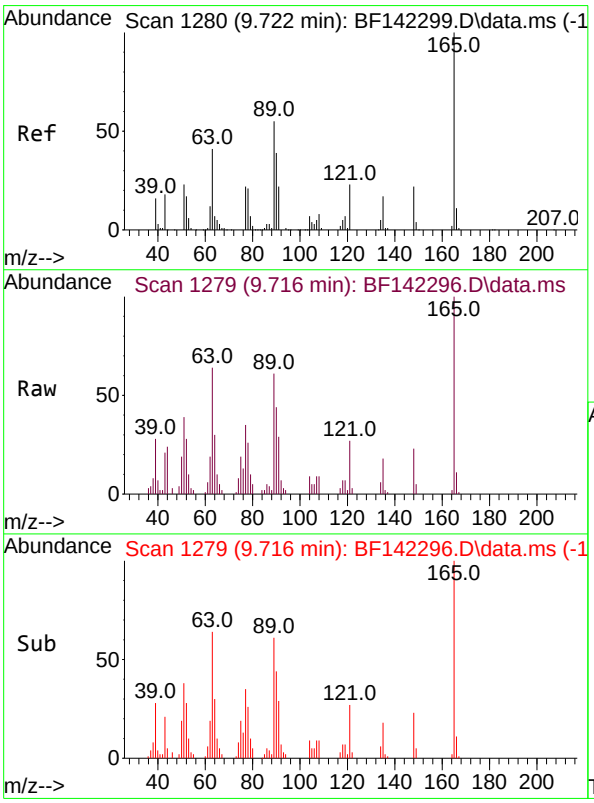
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.7	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

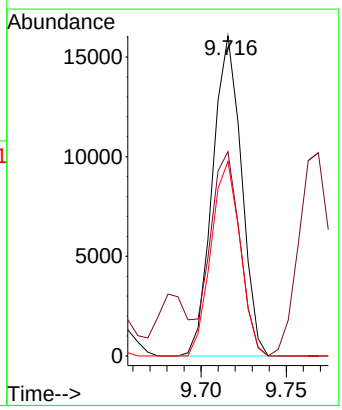
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

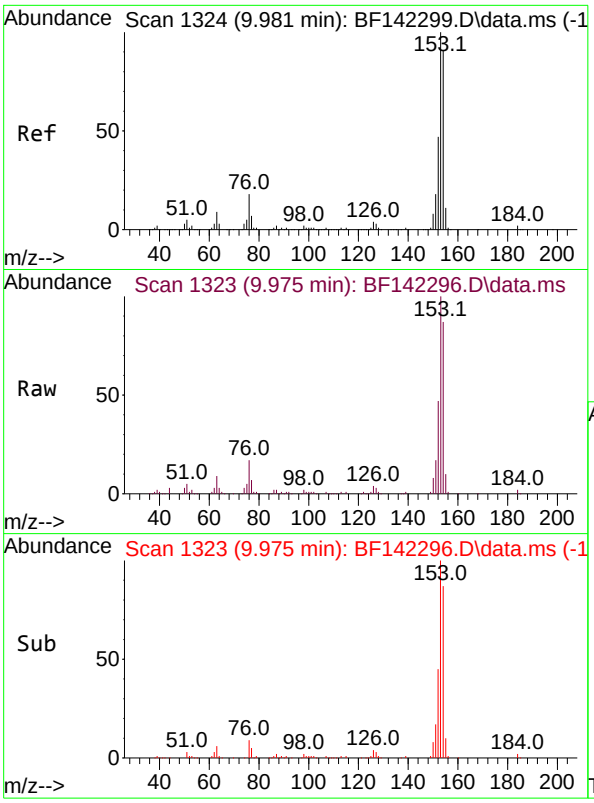


#51
2,6-Dinitrotoluene
Concen: 3.586 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

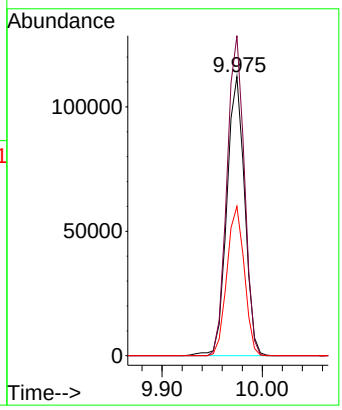




#52
Acenaphthene
Concen: 5.492 ng
RT: 9.975 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:154 Resp: 13837

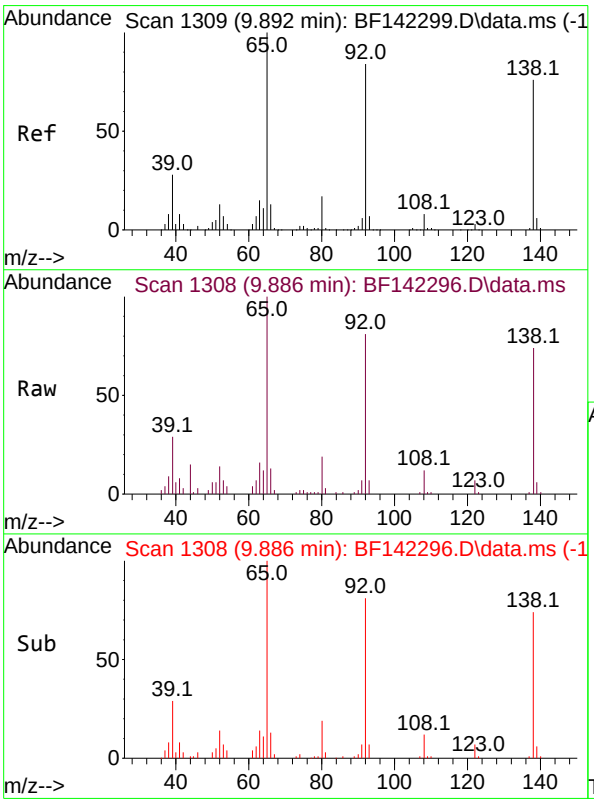
Ion	Ratio	Lower	Upper
154	100		
153	114.7	88.0	132.0
152	53.5	41.6	62.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

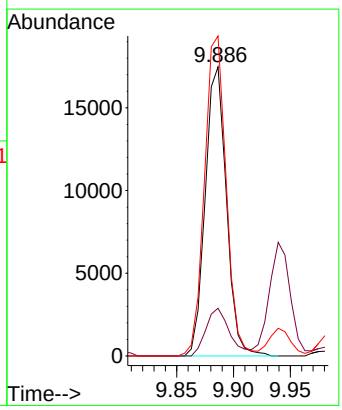
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

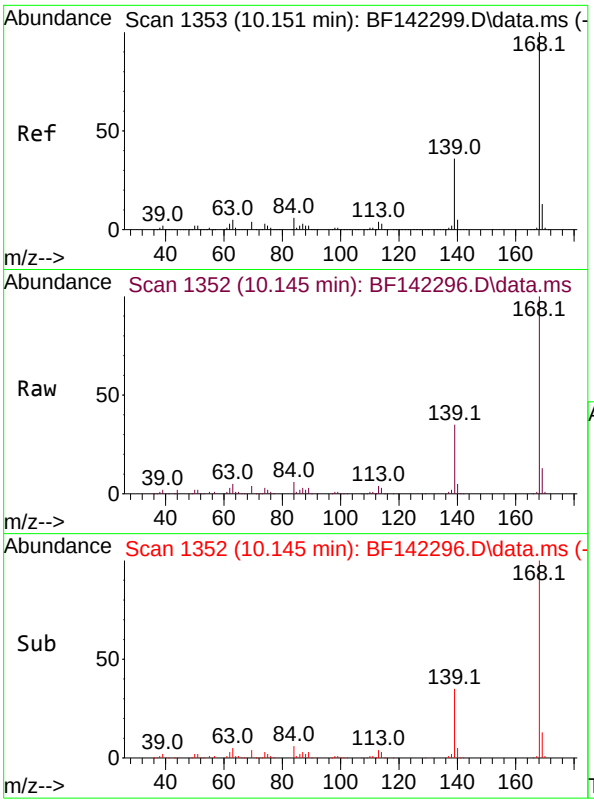


#53
3-Nitroaniline
Concen: 3.659 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

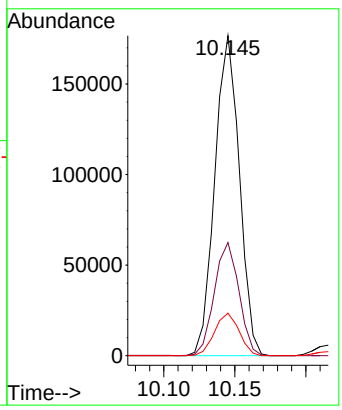




#55
Dibenzofuran
Concen: 5.706 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:168 Resp: 21219

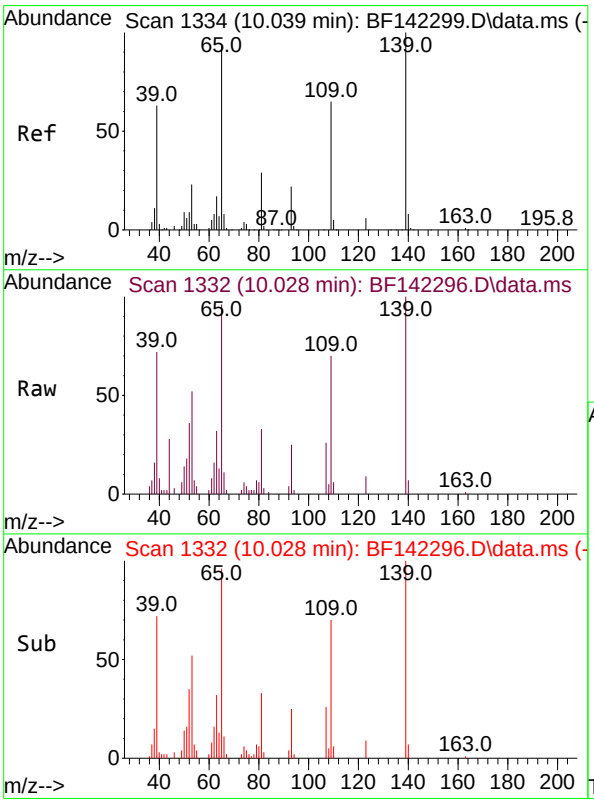
Ion	Ratio	Lower	Upper
168	100		
139	35.3	29.0	43.4
169	13.3	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

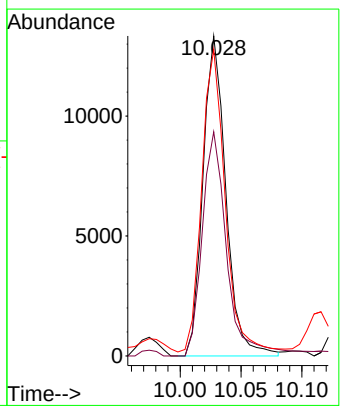
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

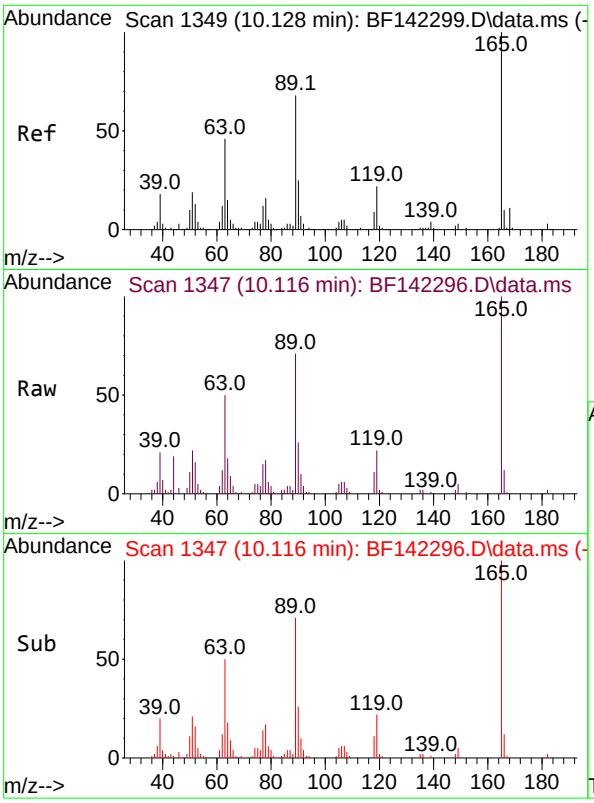


#56
4-Nitrophenol
Concen: 3.743 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

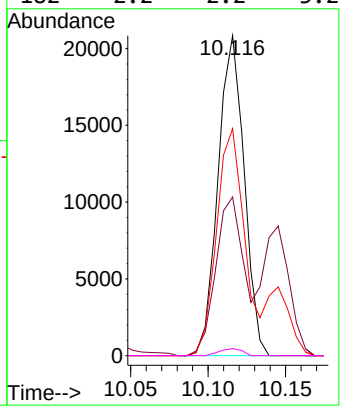




#57
2,4-Dinitrotoluene
Concen: 3.605 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:165 Resp: 2441

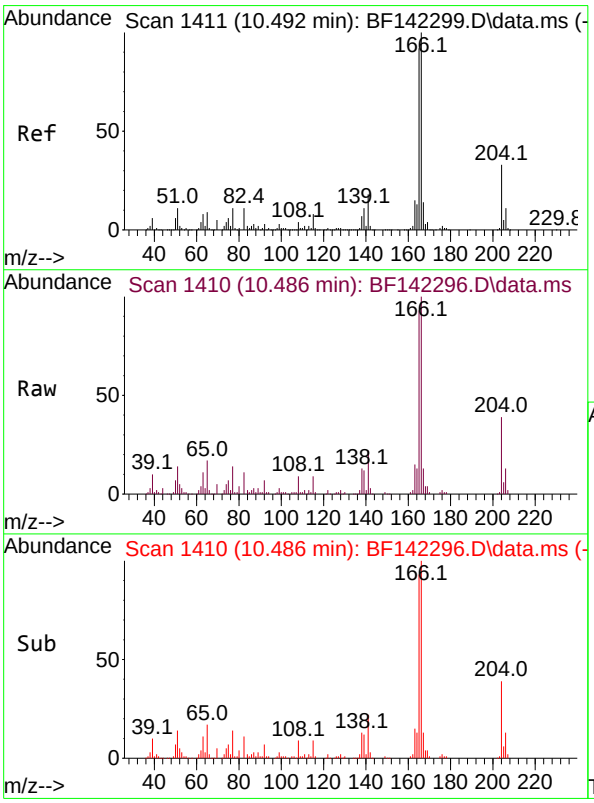
Ion	Ratio	Lower	Upper
165	100		
63	49.6	37.1	55.7
89	71.0	54.4	81.6
182	2.2	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

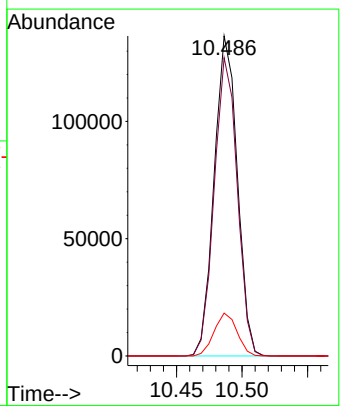
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

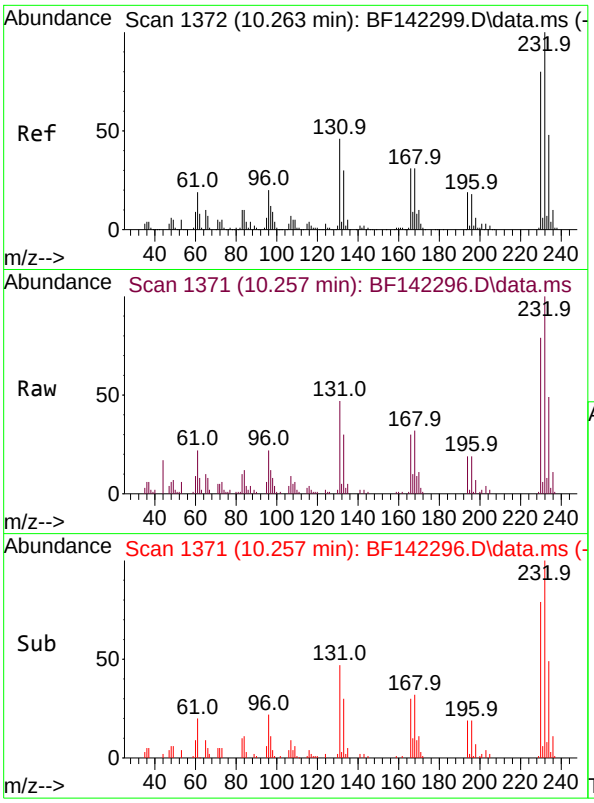


#58
Fluorene
Concen: 5.886 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

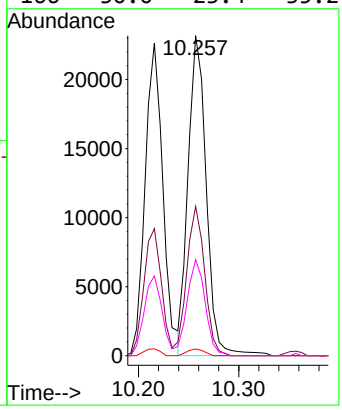




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.301 ng
RT: 10.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:232 Resp: 2923

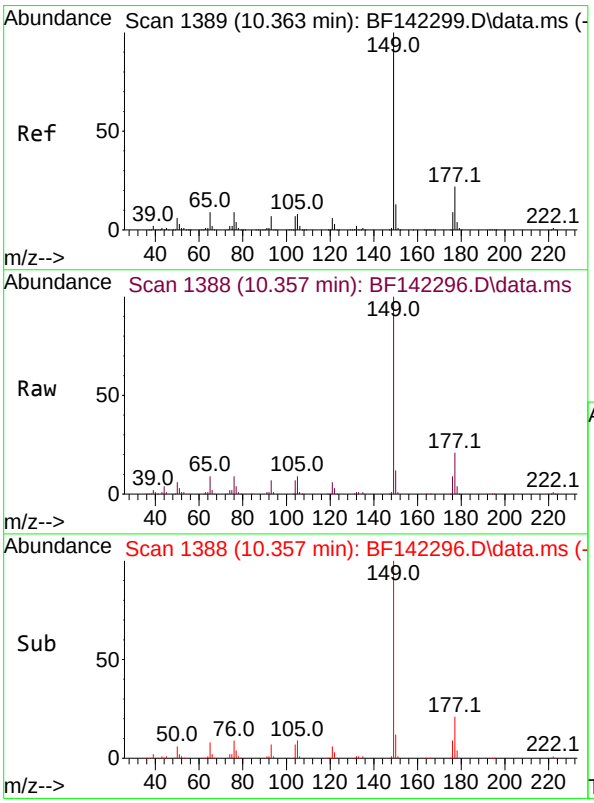
Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.0	54.0
130	1.9	1.8	2.6
166	30.0	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

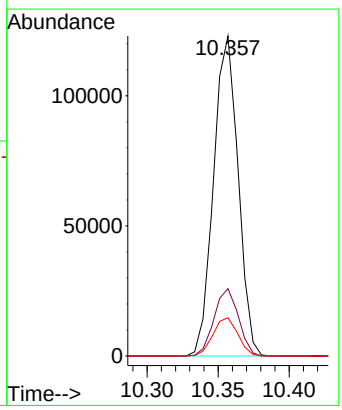
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

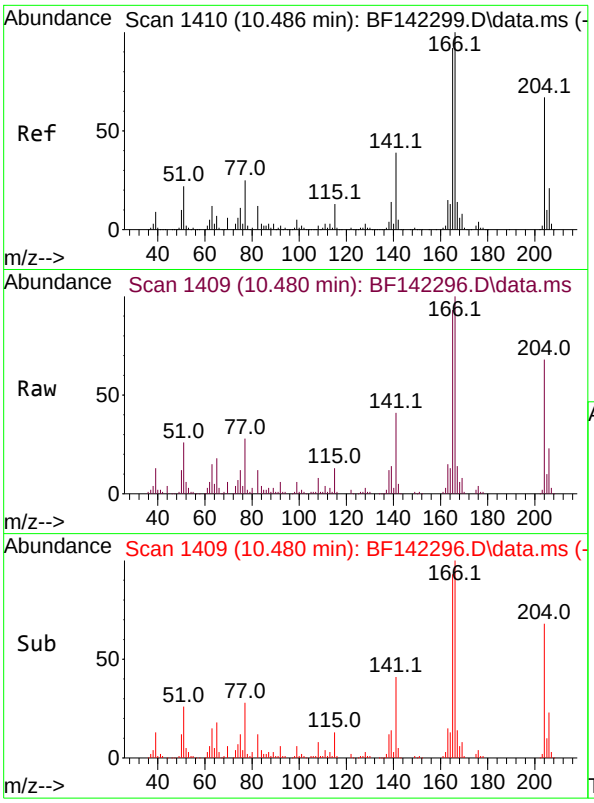


#60
Diethylphthalate
Concen: 5.241 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

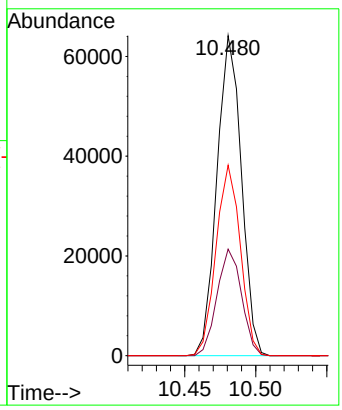




#61
4-Chlorophenyl-phenylether
Concen: 5.608 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:204 Resp: 7678

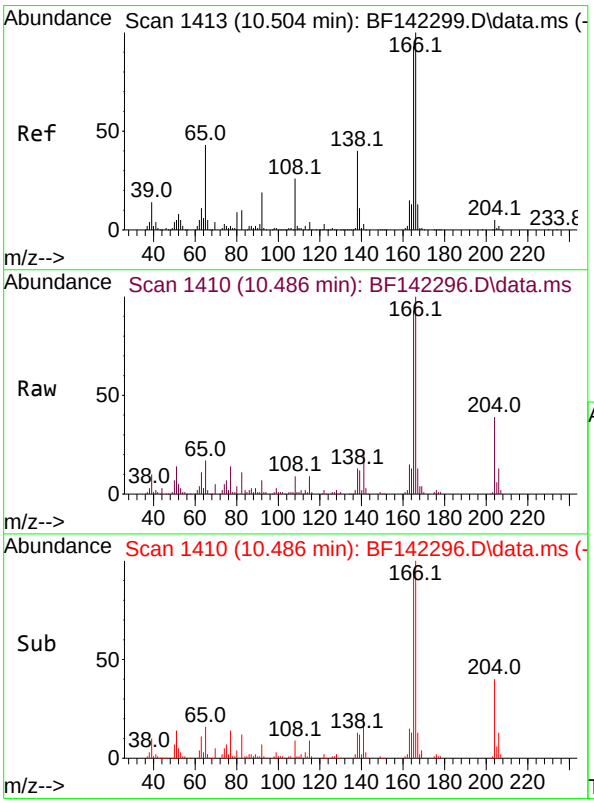
Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.5	38.3
141	59.5	46.4	69.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

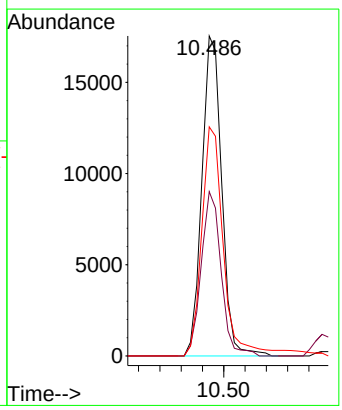
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

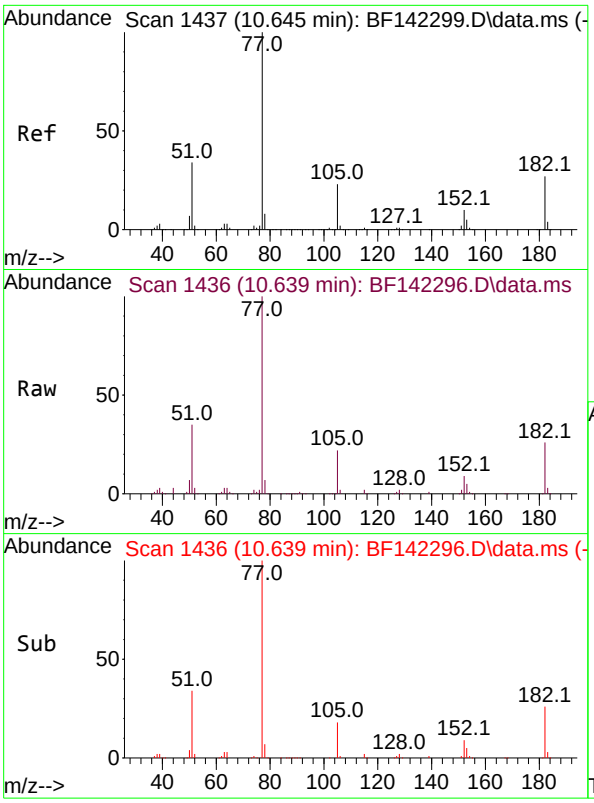


#62
4-Nitroaniline
Concen: 4.632 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

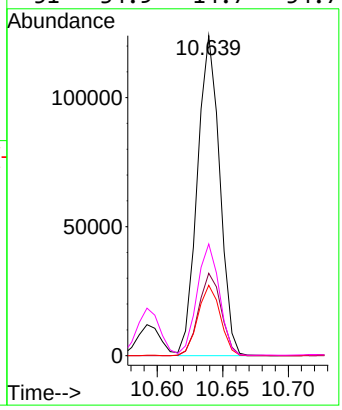




#63
Azobenzene
Concen: 5.460 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 77 Resp: 14696

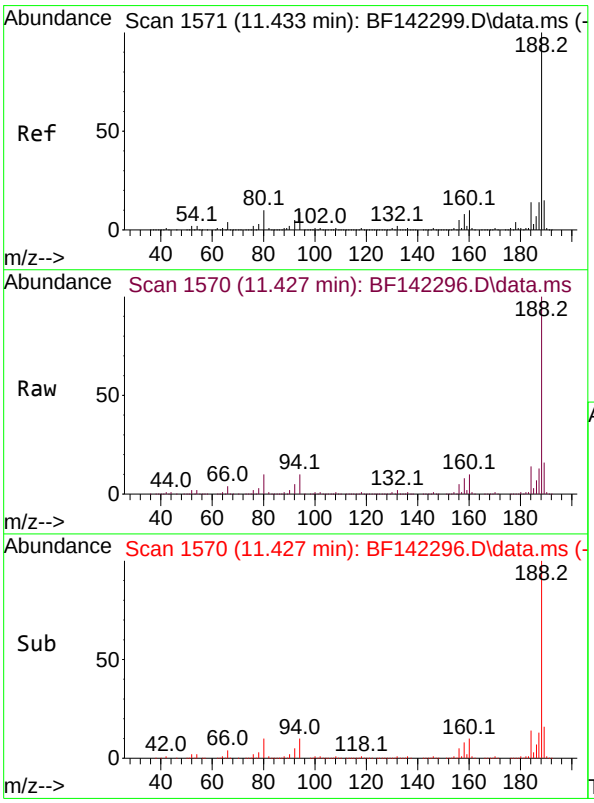
Ion	Ratio	Lower	Upper
77	100		
182	25.7	6.9	46.9
105	22.0	2.7	42.7
51	34.9	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

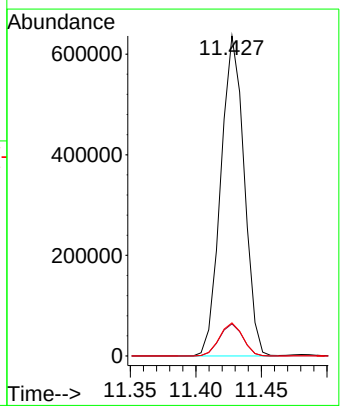
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

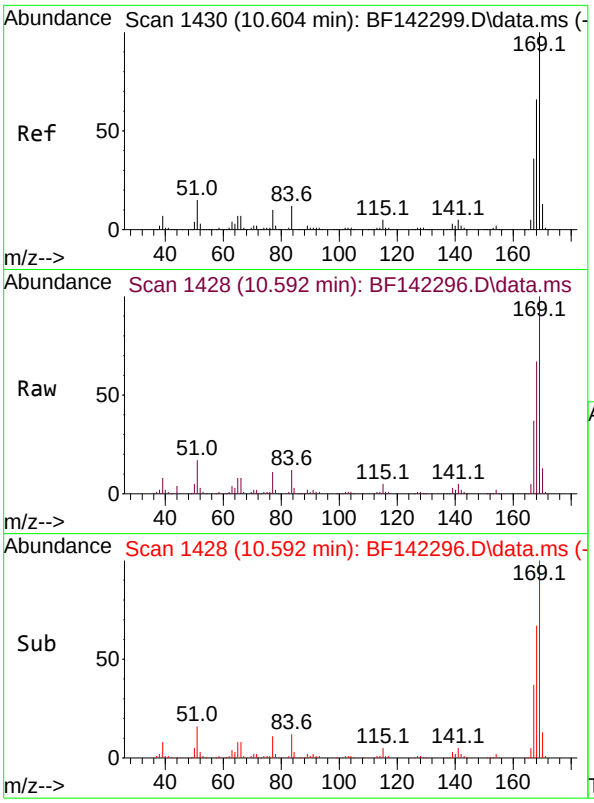


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

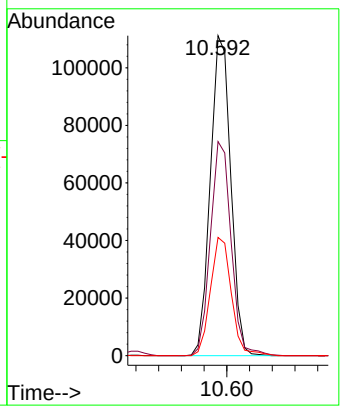




#66
n-Nitrosodiphenylamine
Concen: 5.286 ng
RT: 10.592 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:169 Resp: 13860

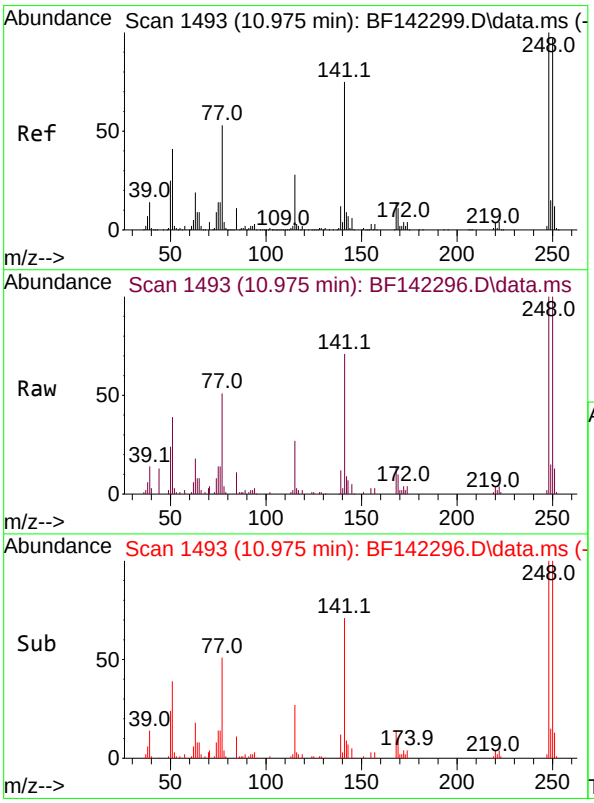
Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.2	79.8
167	36.9	28.9	43.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

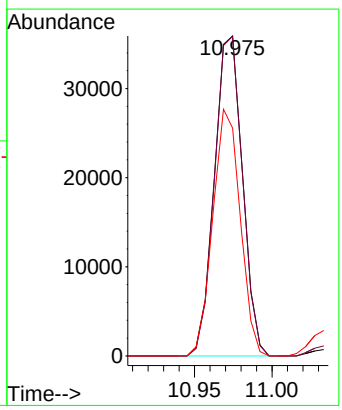
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

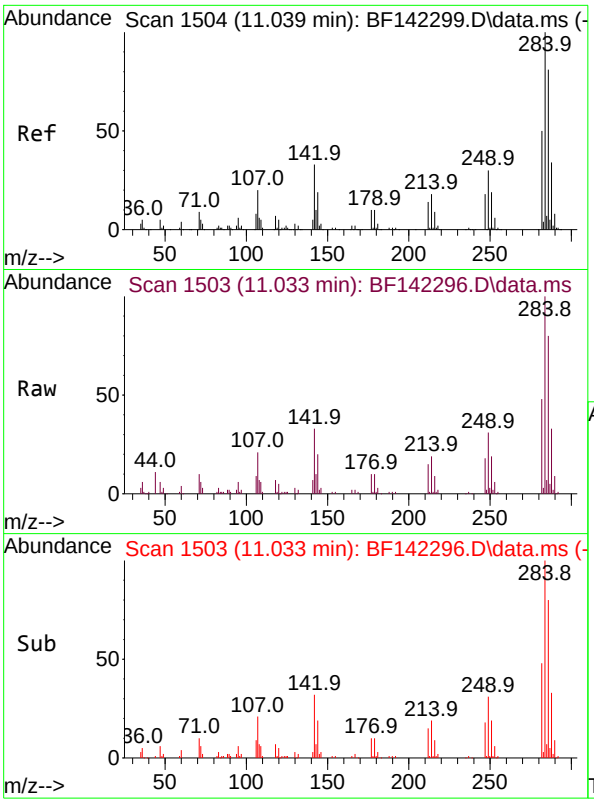


#67
4-Bromophenyl-phenylether
Concen: 5.072 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

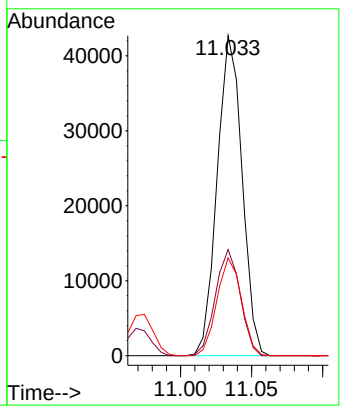




#68
Hexachlorobenzene
Concen: 5.291 ng
RT: 11.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:284 Resp: 5197

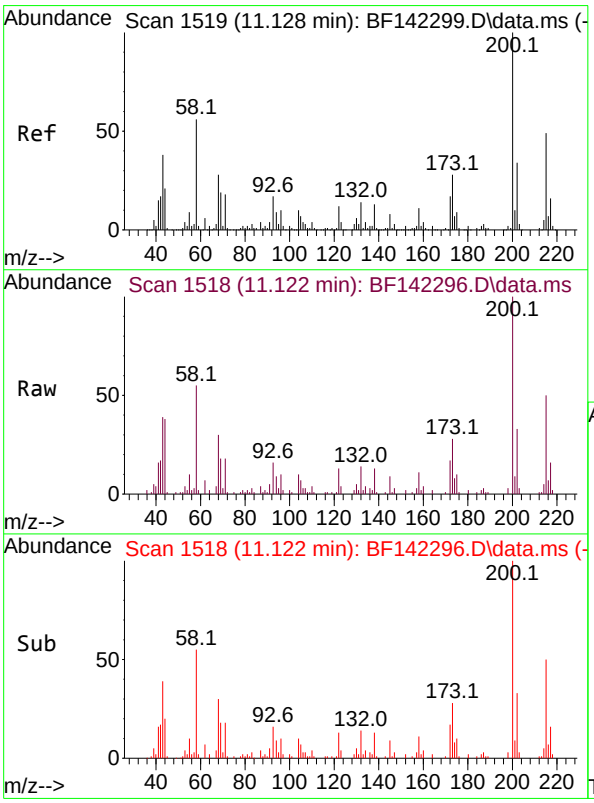
Ion	Ratio	Lower	Upper
284	100		
142	33.2	26.6	39.8
249	30.6	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

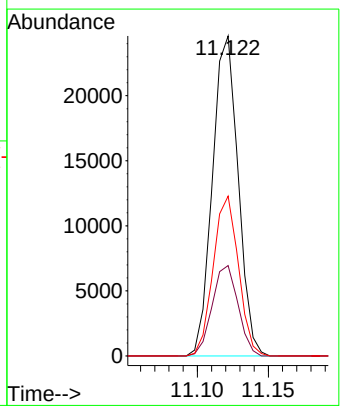
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

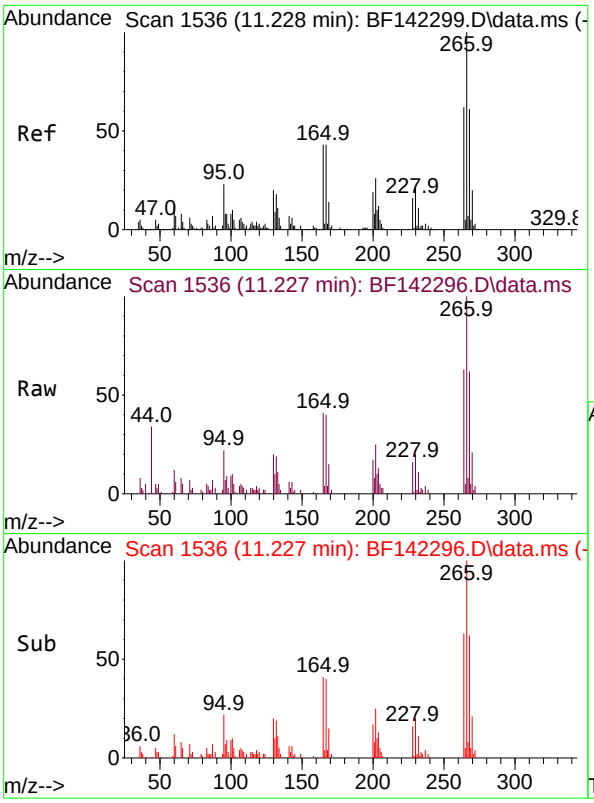


#69
Atrazine
Concen: 4.472 ng
RT: 11.122 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

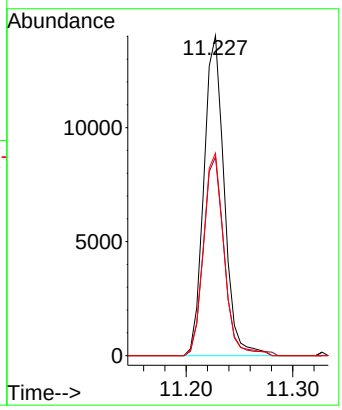
Tgt Ion:266 Resp: 1859

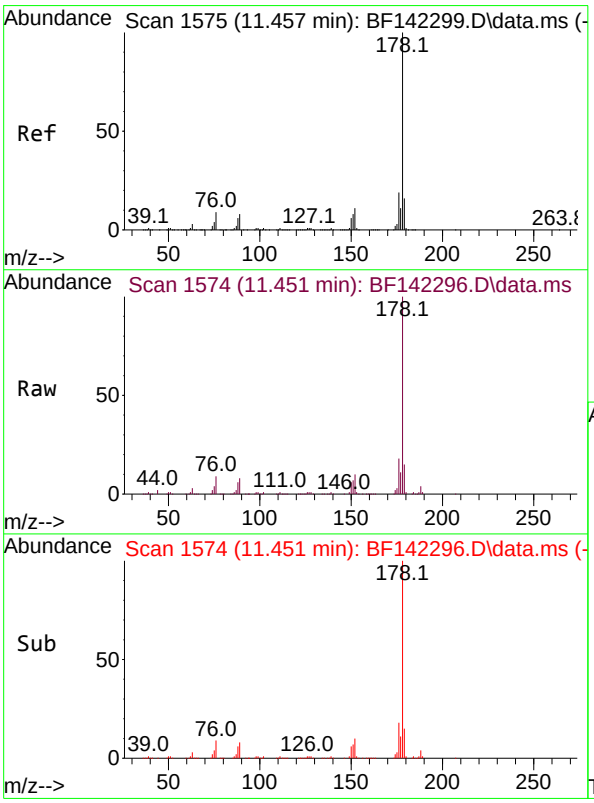
Ion	Ratio	Lower	Upper
266	100		
268	62.1	48.7	73.1
264	63.3	49.8	74.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

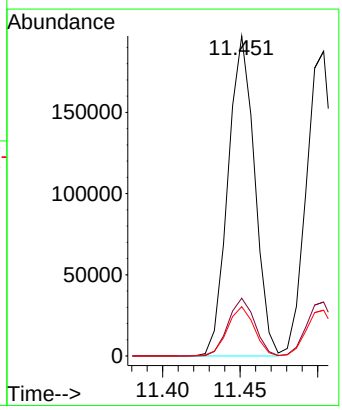


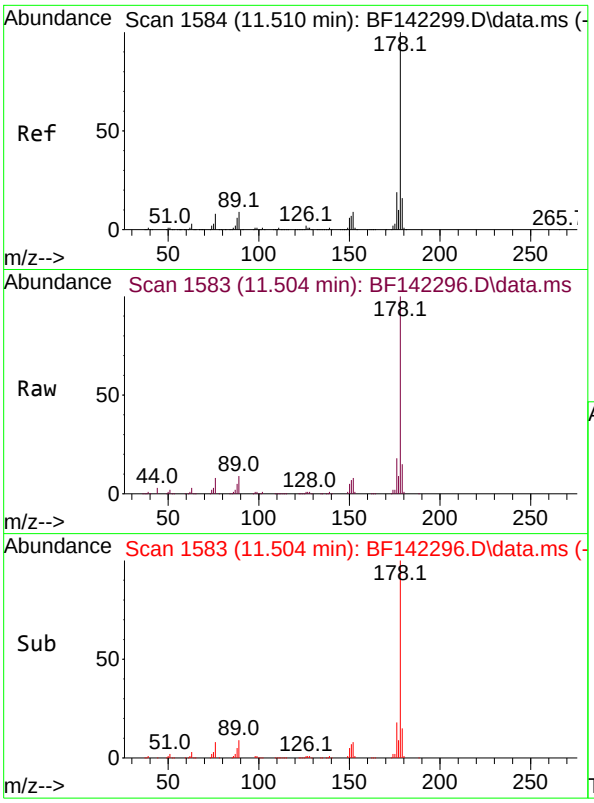


#71
Phenanthrene
Concen: 5.692 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

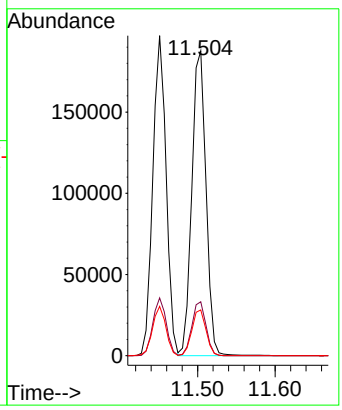




#72
Anthracene
Concen: 5.616 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:178 Resp: 23834

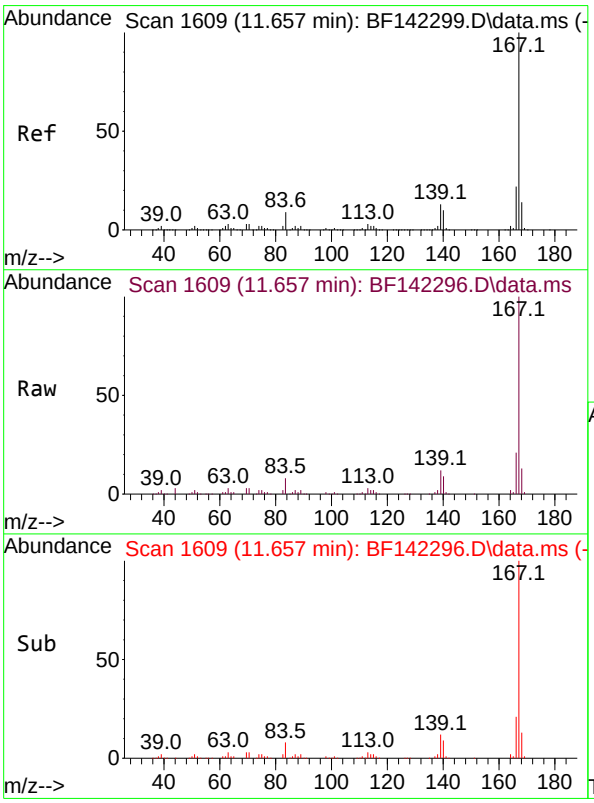
Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.3	22.9
179	15.0	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

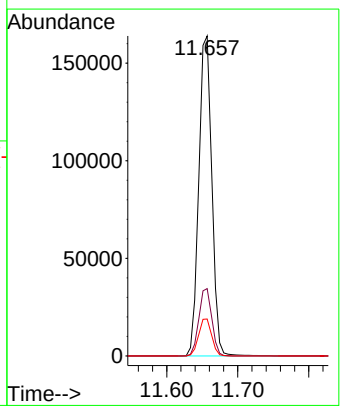
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

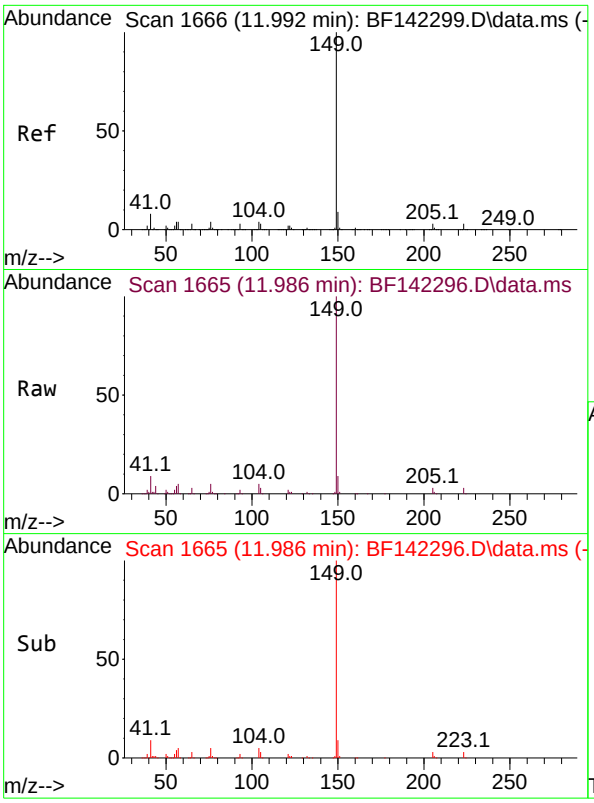


#73
Carbazole
Concen: 5.512 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

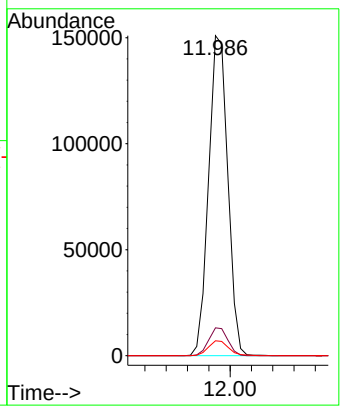




#74
Di-n-butylphthalate
Concen: 4.707 ng
RT: 11.986 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:149 Resp: 18846

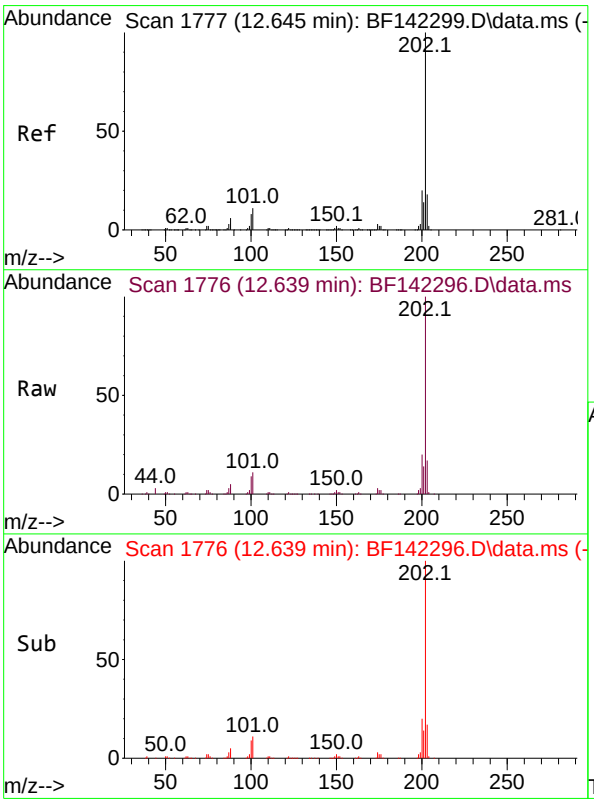
Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.5	11.3
104	4.7	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

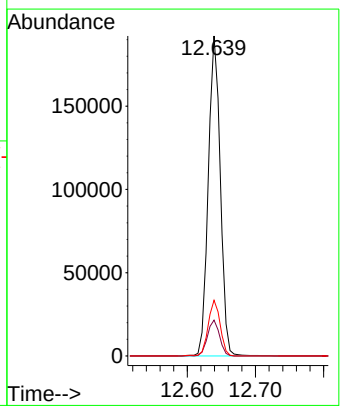
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

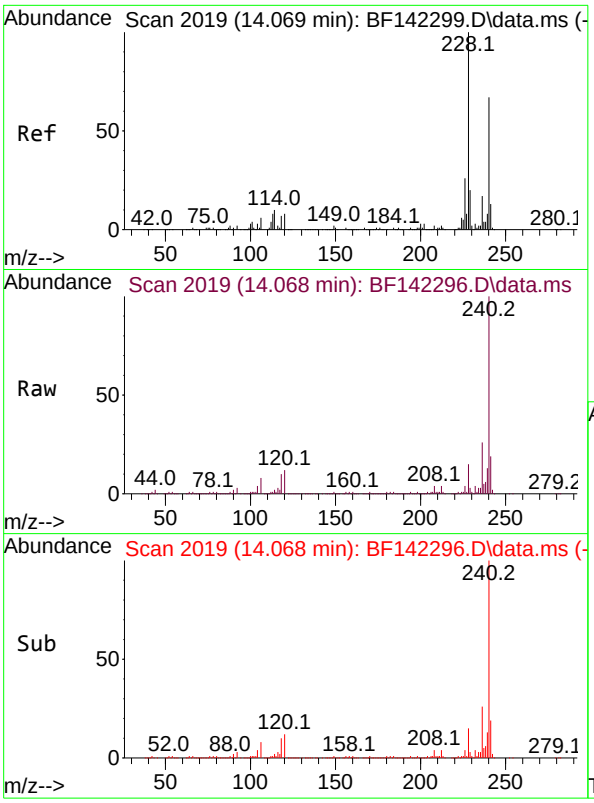


#75
Fluoranthene
Concen: 5.716 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

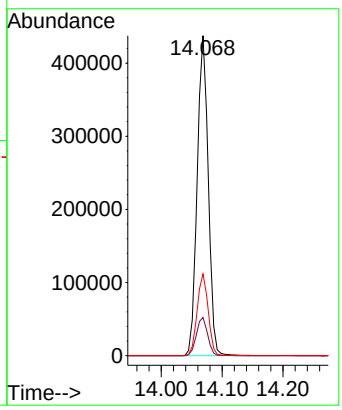




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:240 Resp: 55367

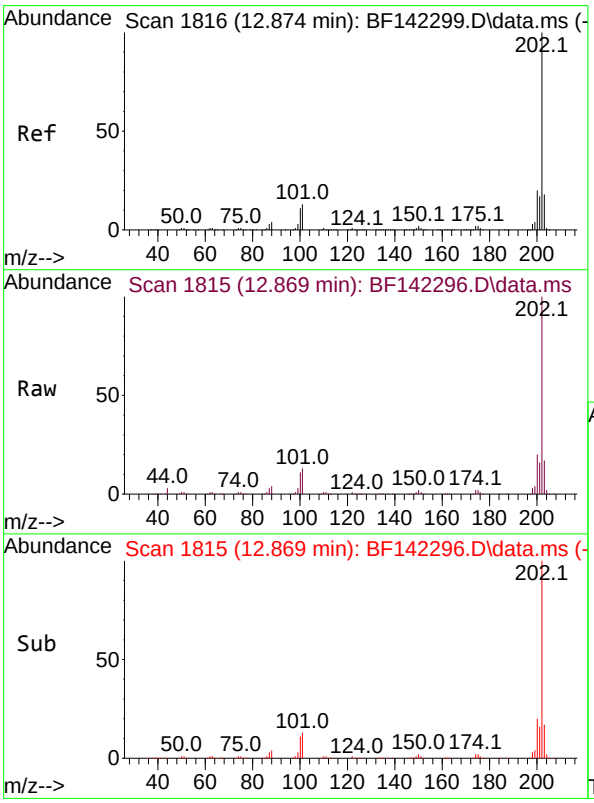
Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.7	14.5
236	25.5	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

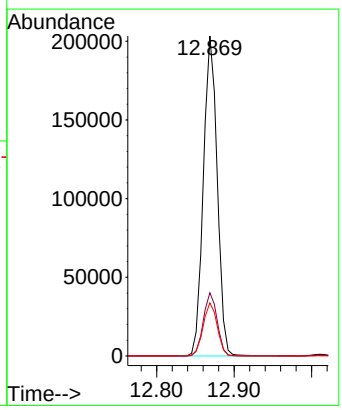
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

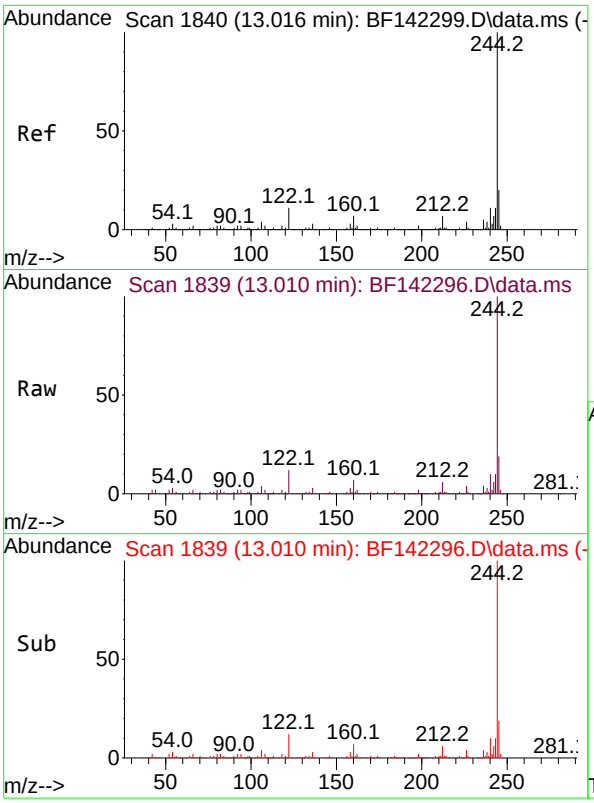


#78
Pyrene
Concen: 5.118 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

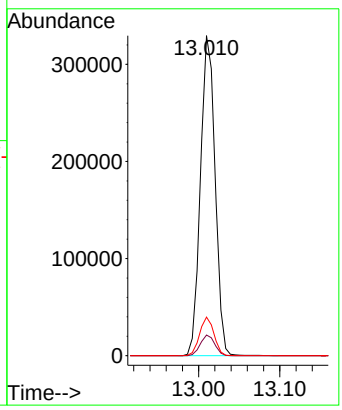




#79
Terphenyl-d14
Concen: 11.049 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:244 Resp: 41331

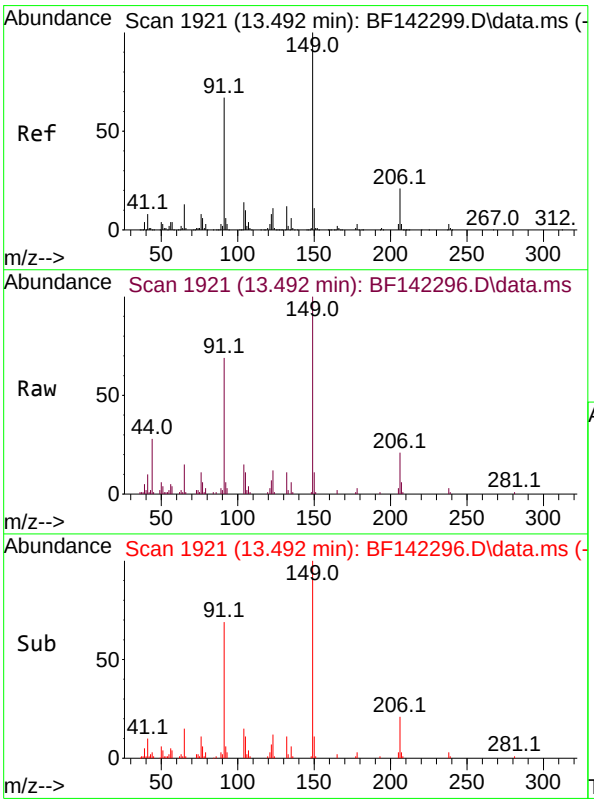
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	12.1	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

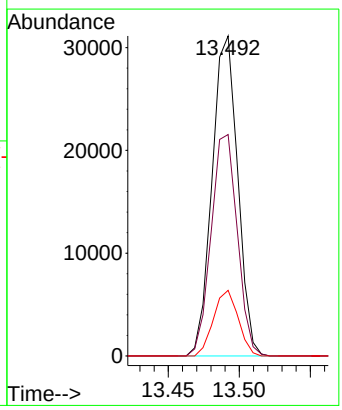
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

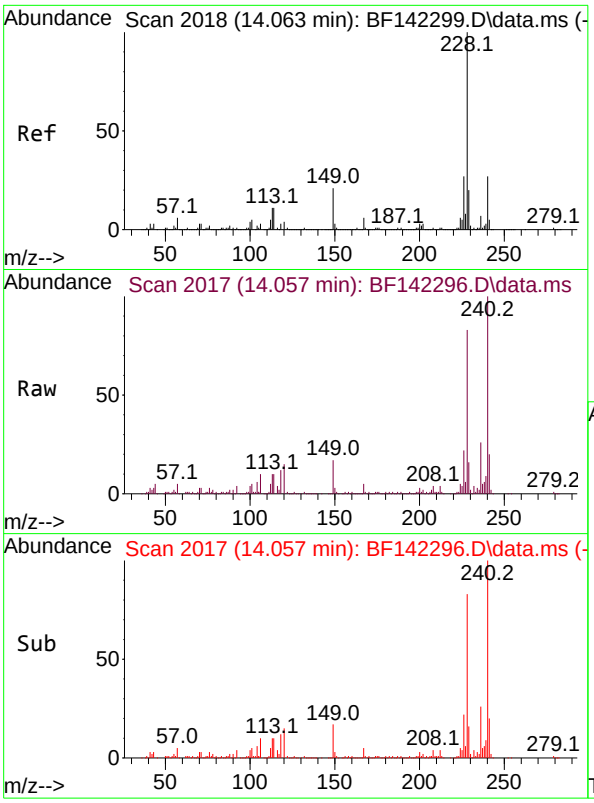


#80
Butylbenzylphthalate
Concen: 6.169 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

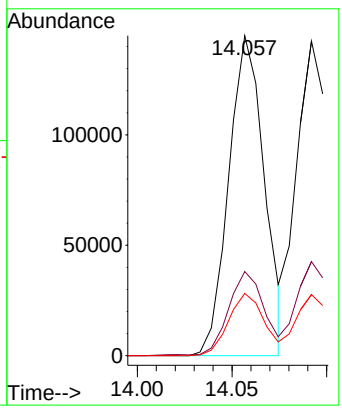
Tgt Ion:228 Resp: 18965

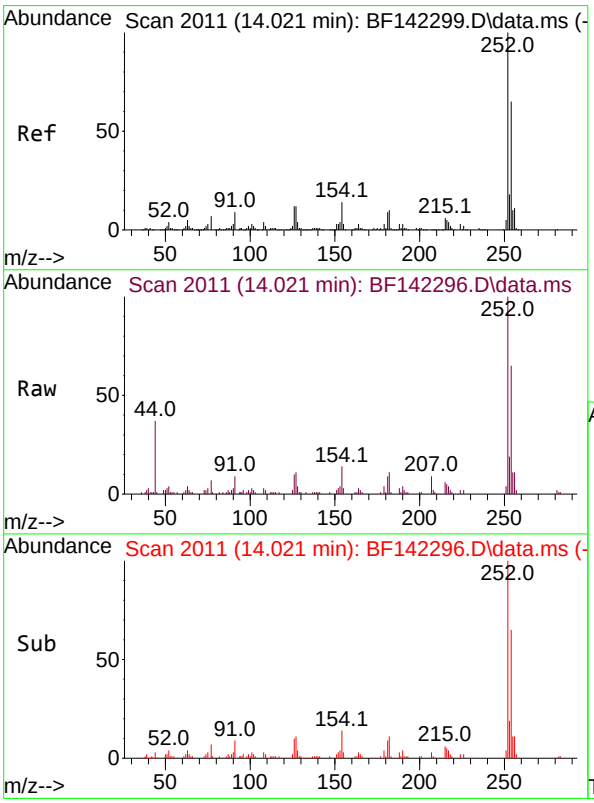
Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.5	32.3
229	19.4	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

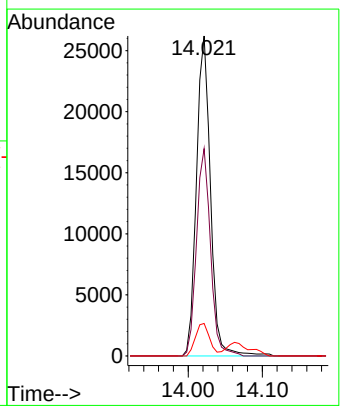


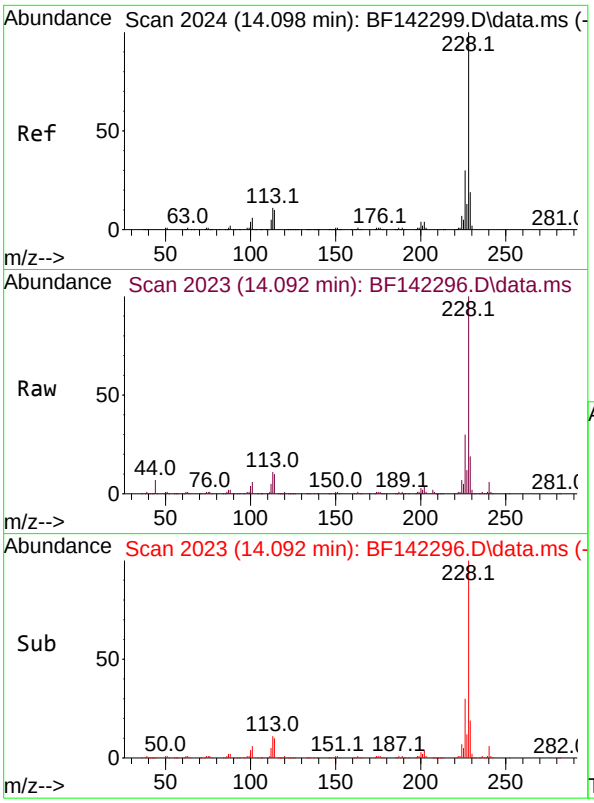


#82
3,3'-Dichlorobenzidine
Concen: 4.143 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

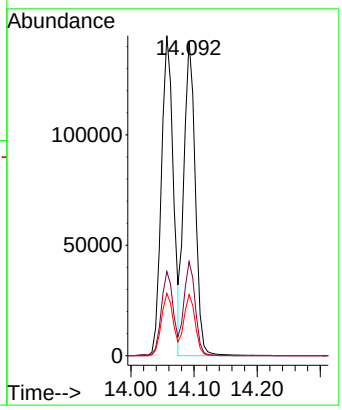




#83
Chrysene
Concen: 5.365 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:228 Resp: 17908

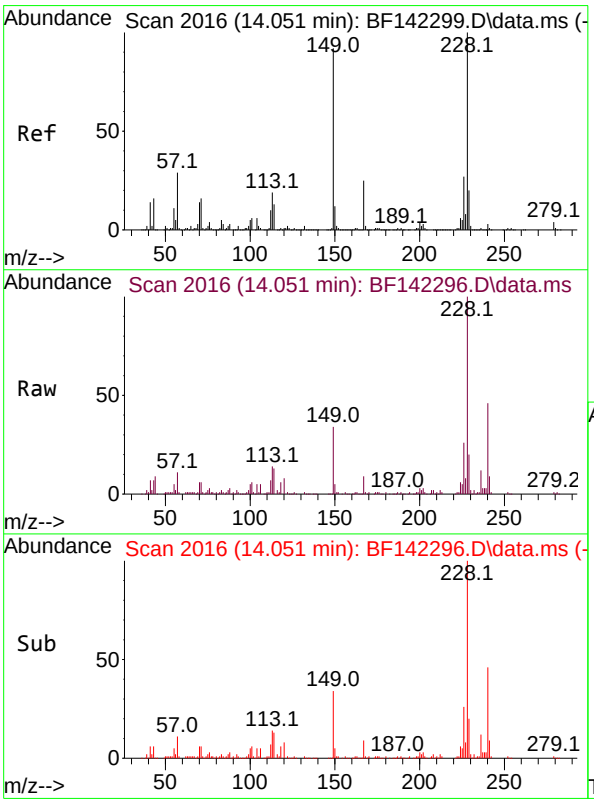
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.4	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

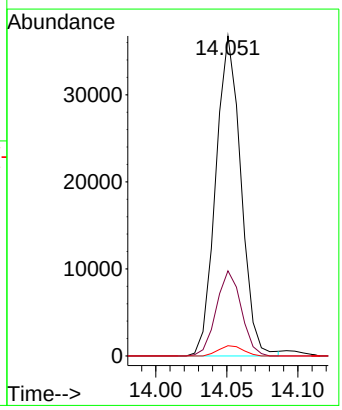
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

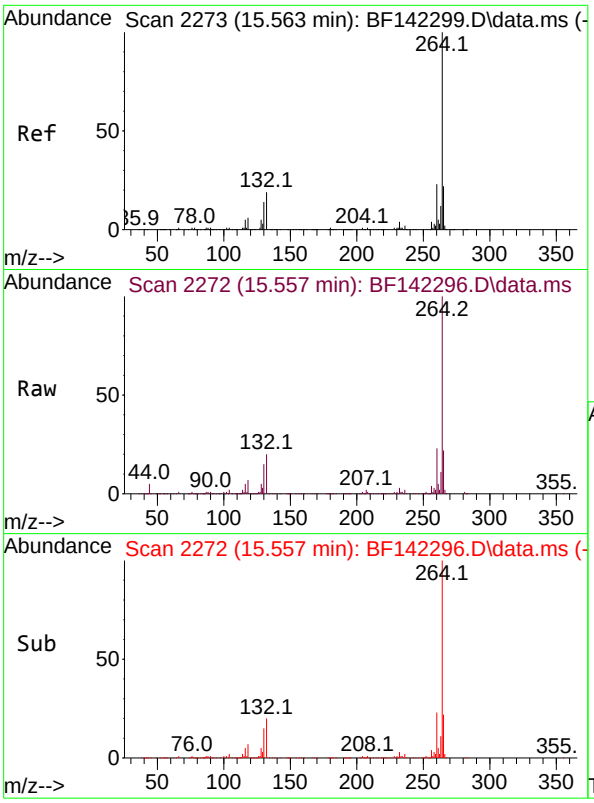


#84
Bis(2-ethylhexyl)phthalate
Concen: 6.444 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

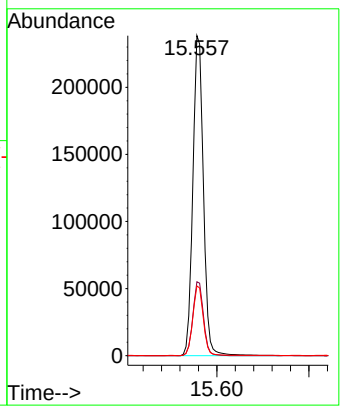




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:264 Resp: 37697

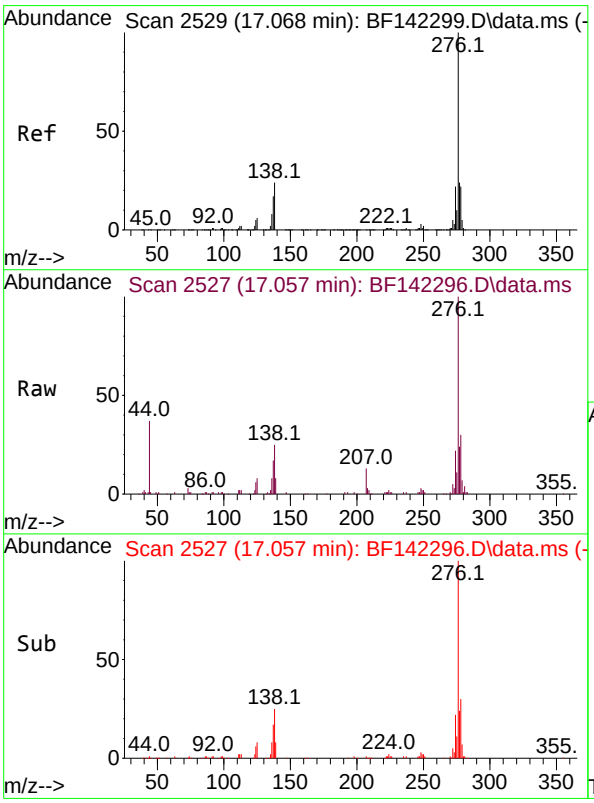
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.8	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

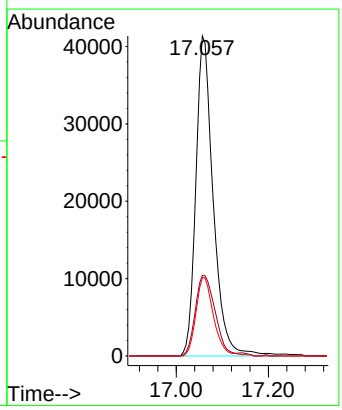
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

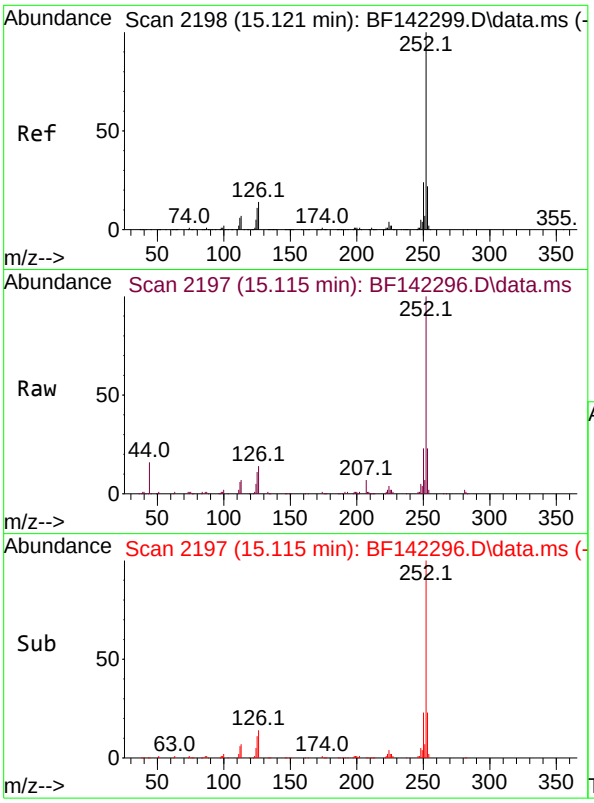


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.138 ng
RT: 17.057 min Scan# 2527
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

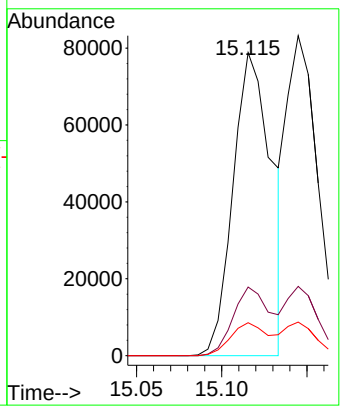




#88
Benzo(b)fluoranthene
Concen: 5.416 ng
RT: 15.115 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:252 Resp: 12366

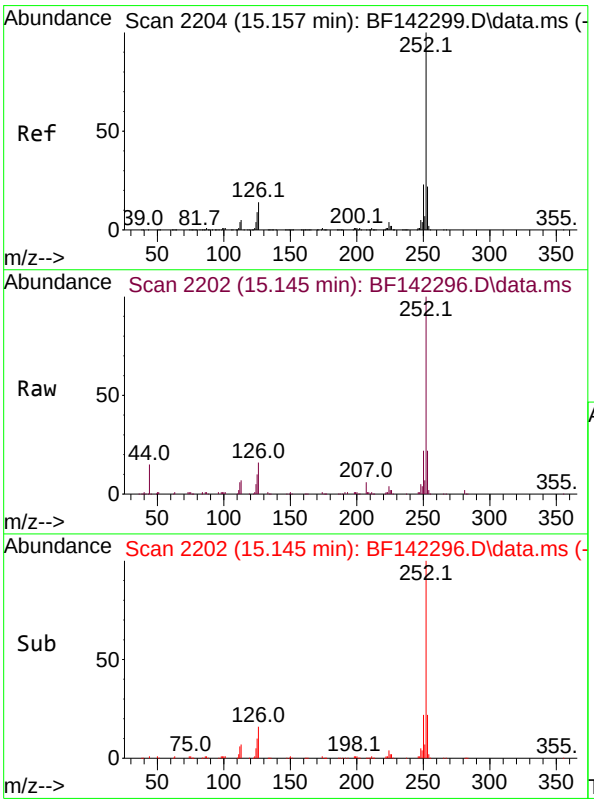
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	10.9	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

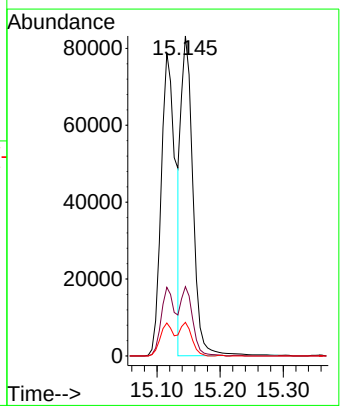
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

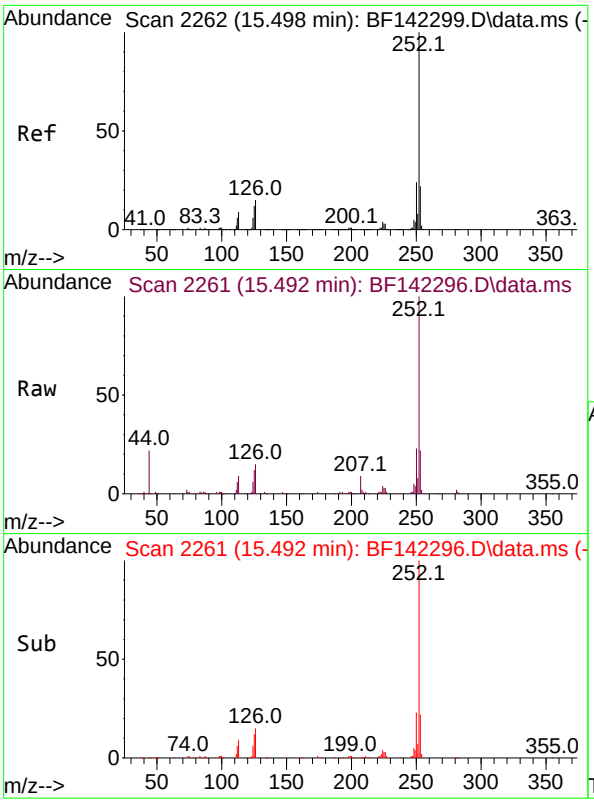


#89
Benzo(k)fluoranthene
Concen: 5.224 ng
RT: 15.145 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

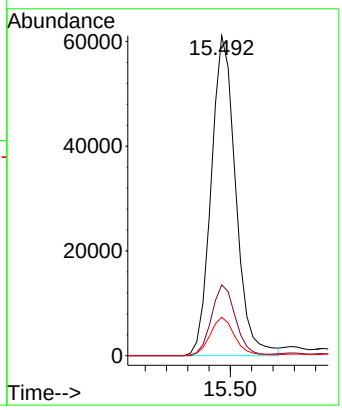




#90
Benzo(a)pyrene
Concen: 4.761 ng
RT: 15.492 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:252 Resp: 9741

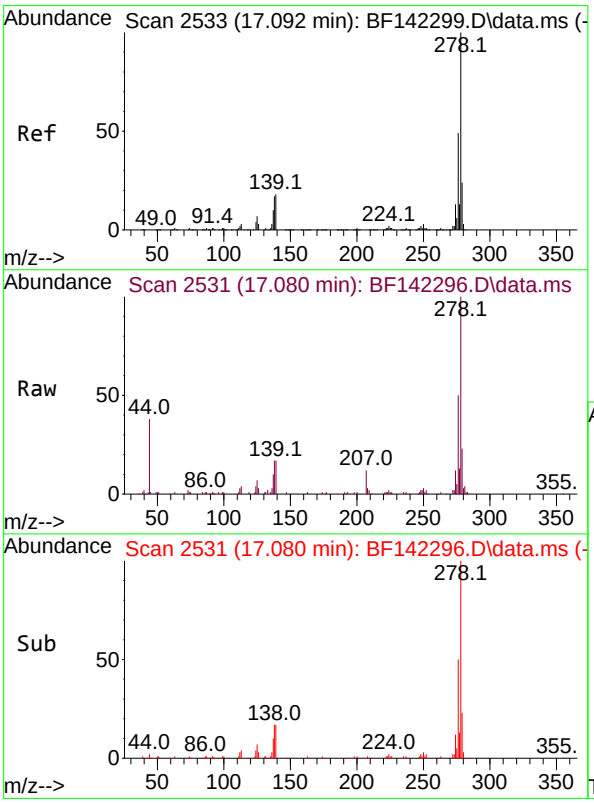
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	12.0	9.4	14.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

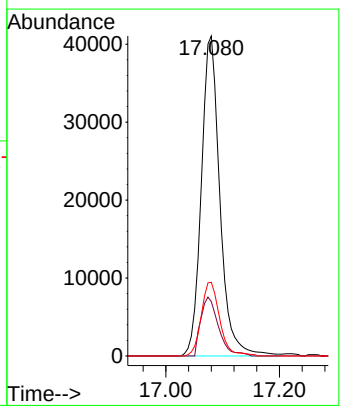
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

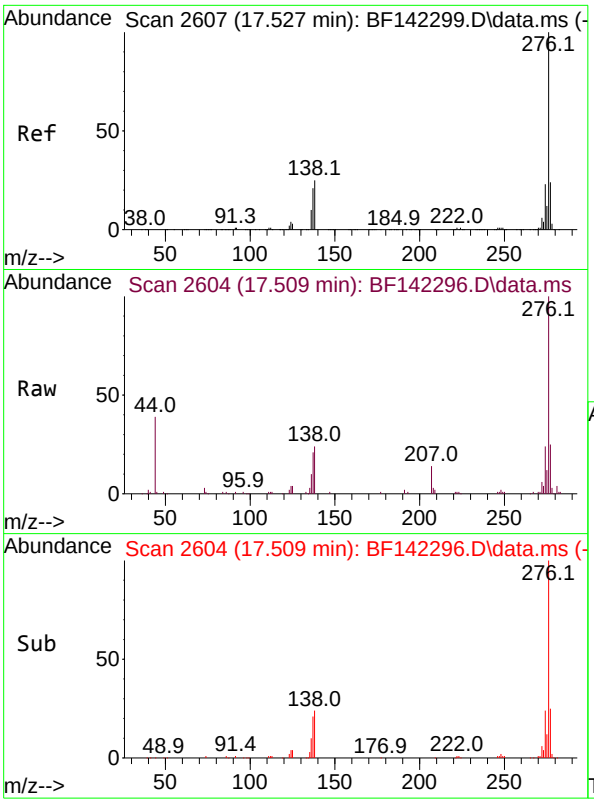


#91
Dibenzo(a,h)anthracene
Concen: 4.295 ng
RT: 17.080 min Scan# 2531
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

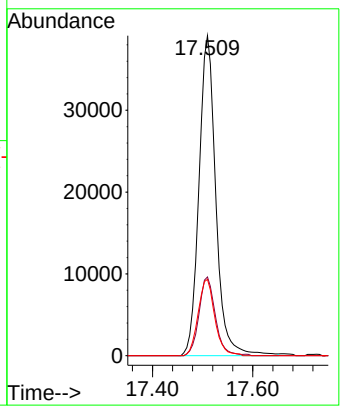




#92
Benzo(g,h,i)perylene
Concen: 4.255 ng
RT: 17.509 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

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

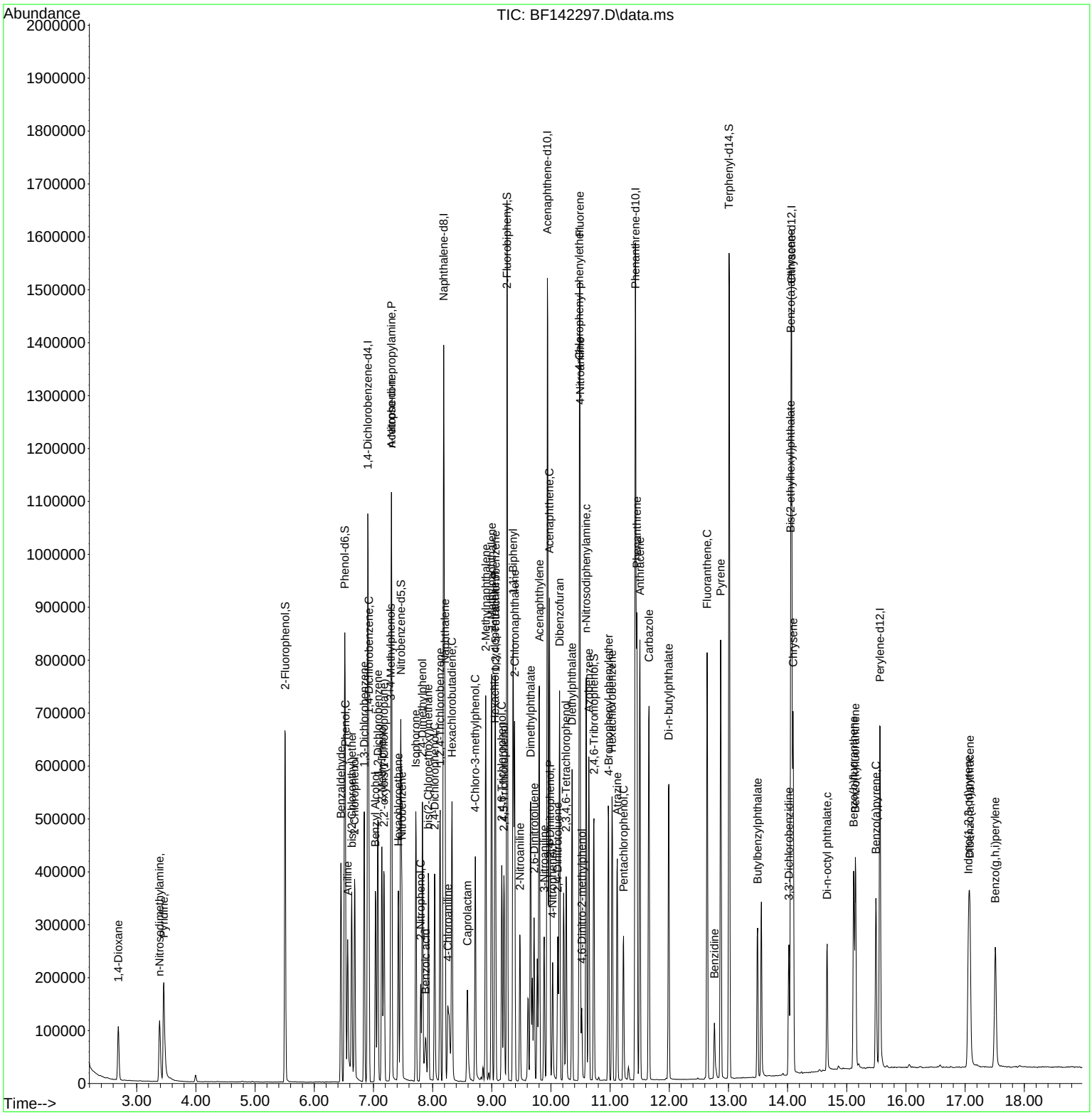
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Data File : BF142297.D
Acq On : 05 May 2025 14:52
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

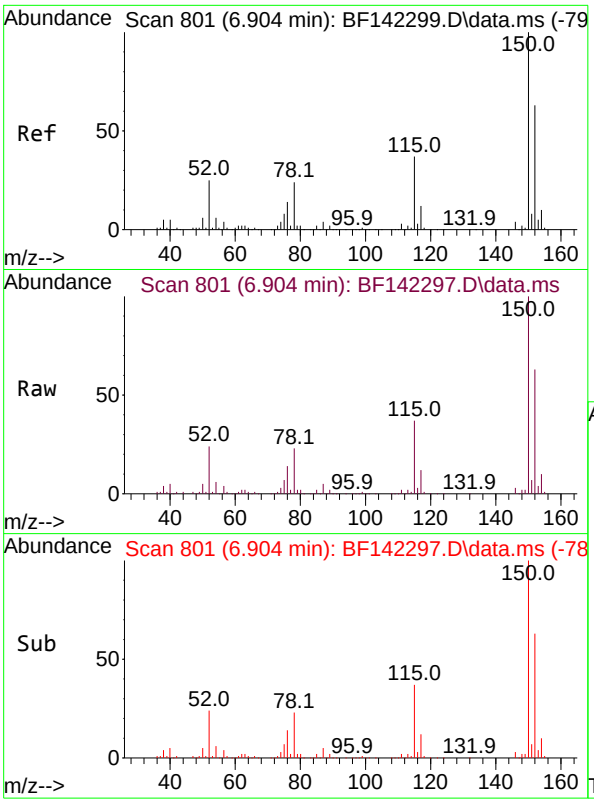
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

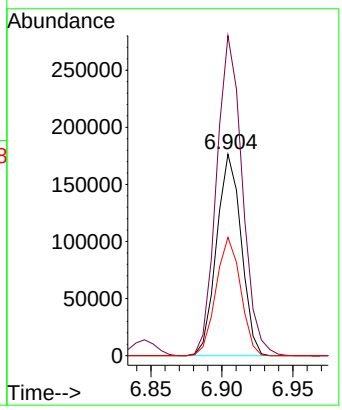




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:152 Resp: 21290

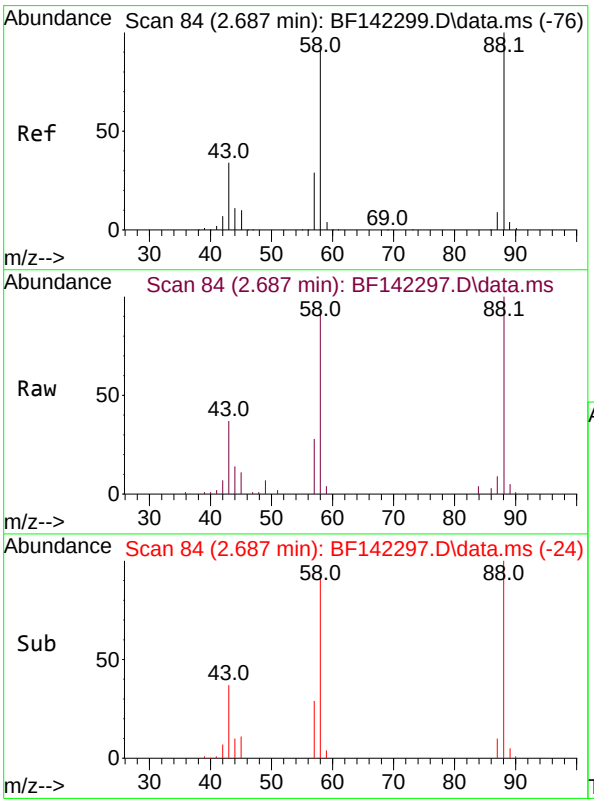
Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.6	190.0
115	58.7	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

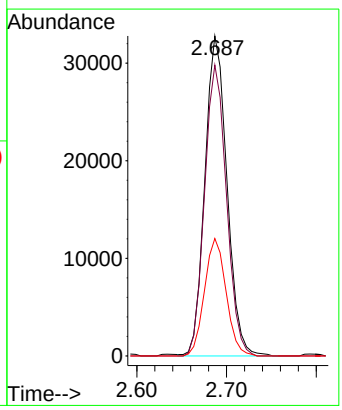
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

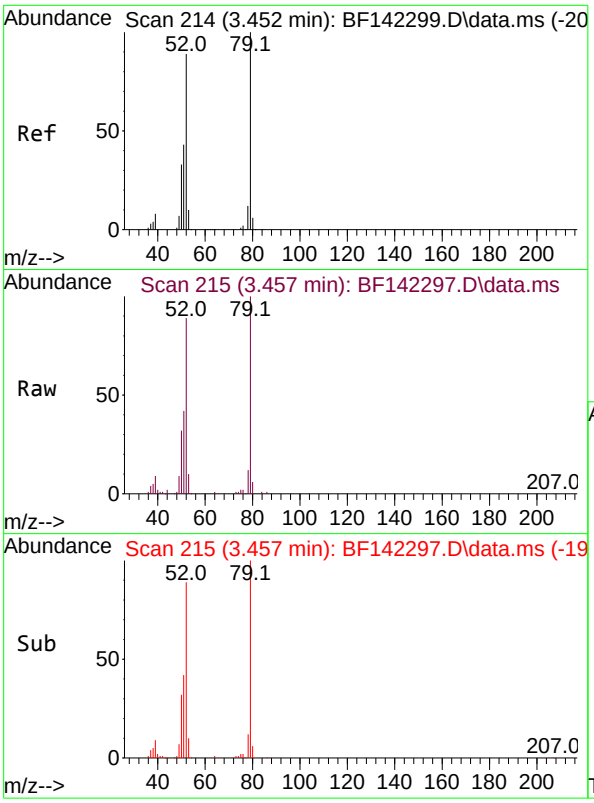


#2
1,4-Dioxane
Concen: 9.987 ng
RT: 2.687 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

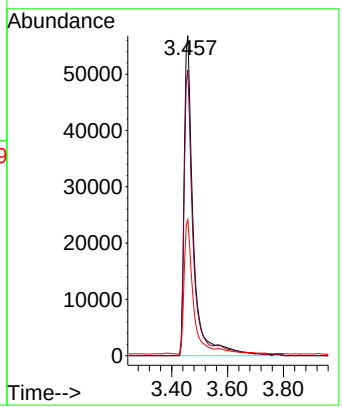
Tgt Ion: 79 Resp: 13128

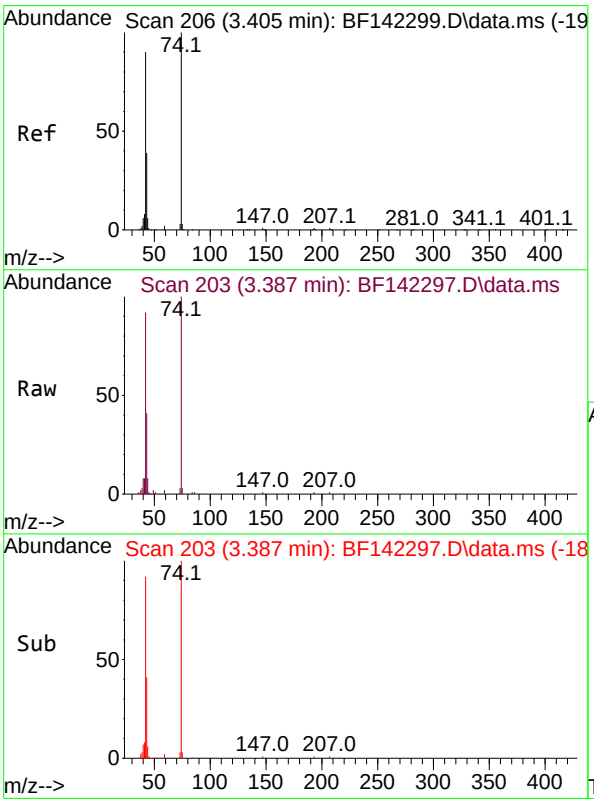
Ion	Ratio	Lower	Upper
79	100		
52	89.3	71.0	106.4
51	42.5	34.9	52.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

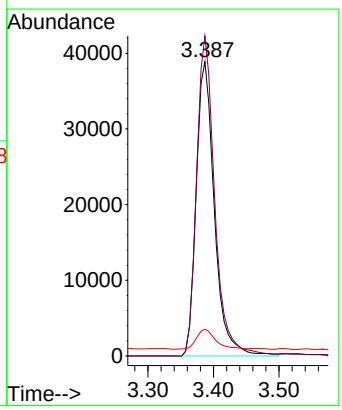


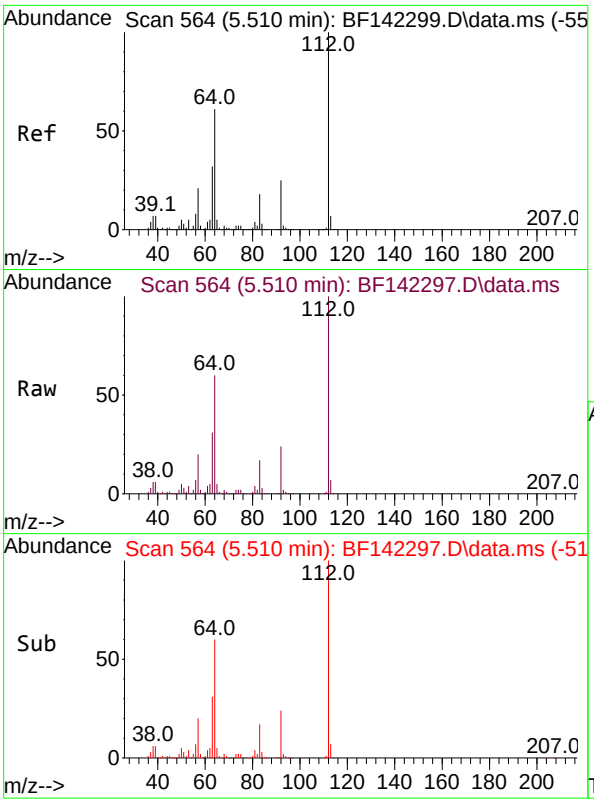


#4
n-Nitrosodimethylamine
Concen: 9.819 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

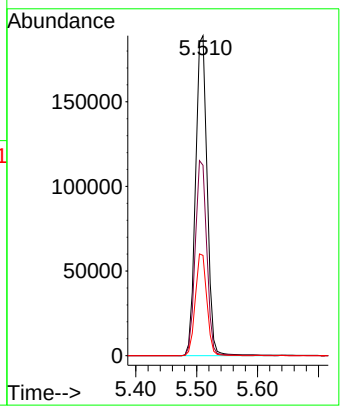
Tgt Ion:112 Resp: 25050

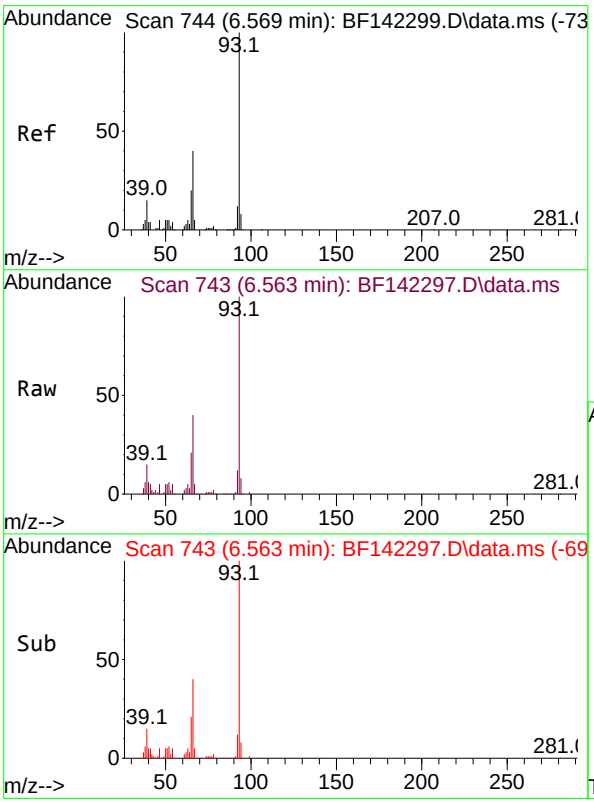
Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.9	73.3
63	31.4	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

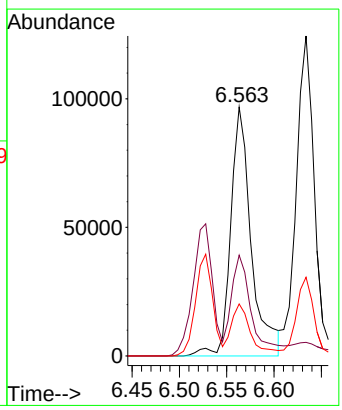


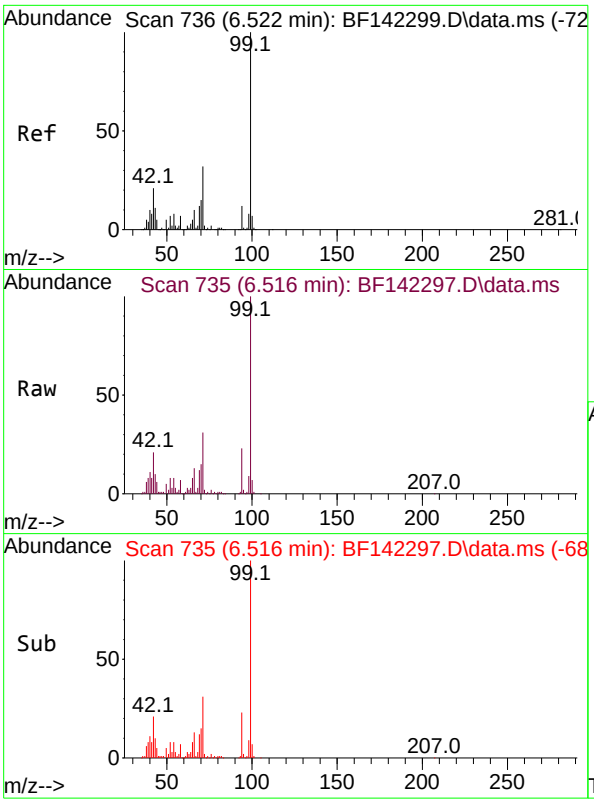


#6
Aniline
Concen: 9.690 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

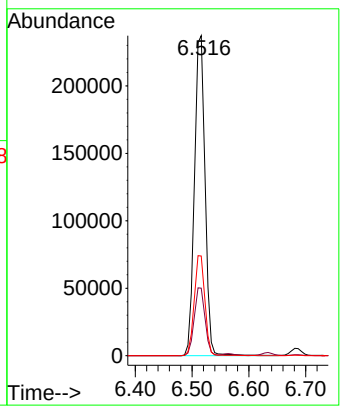
Tgt Ion: 99 Resp: 31047

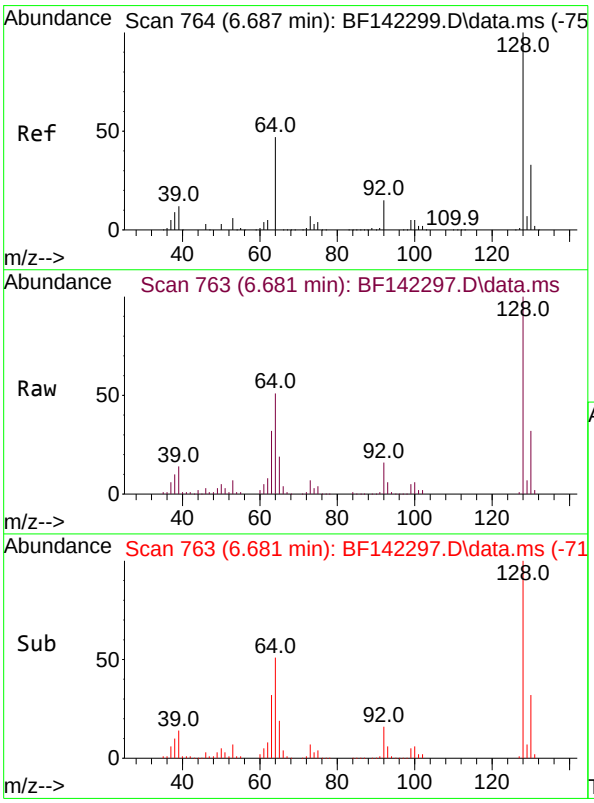
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.4
71	31.2	25.8	38.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

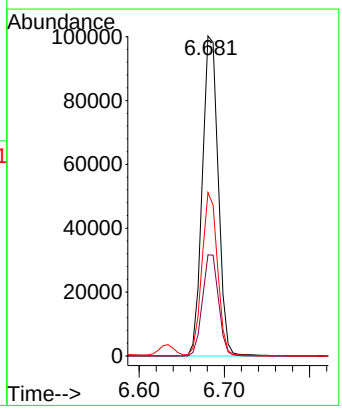


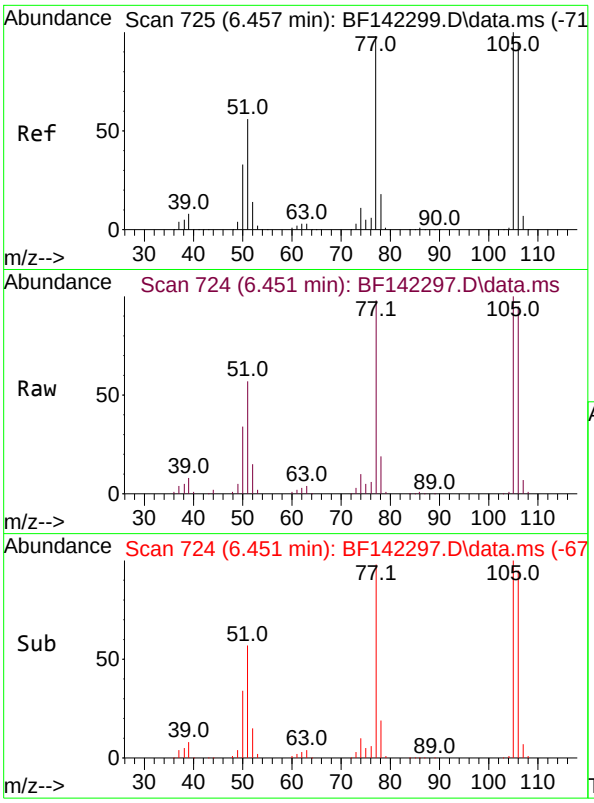


#8
2-Chlorophenol
Concen: 9.765 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

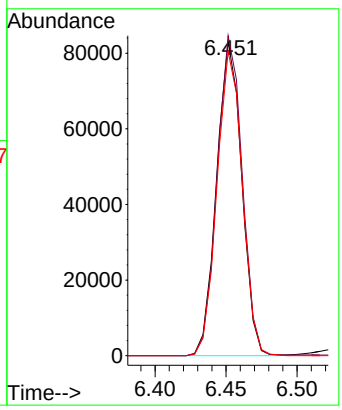




#9
Benzaldehyde
Concen: 11.371 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 77 Resp: 10208

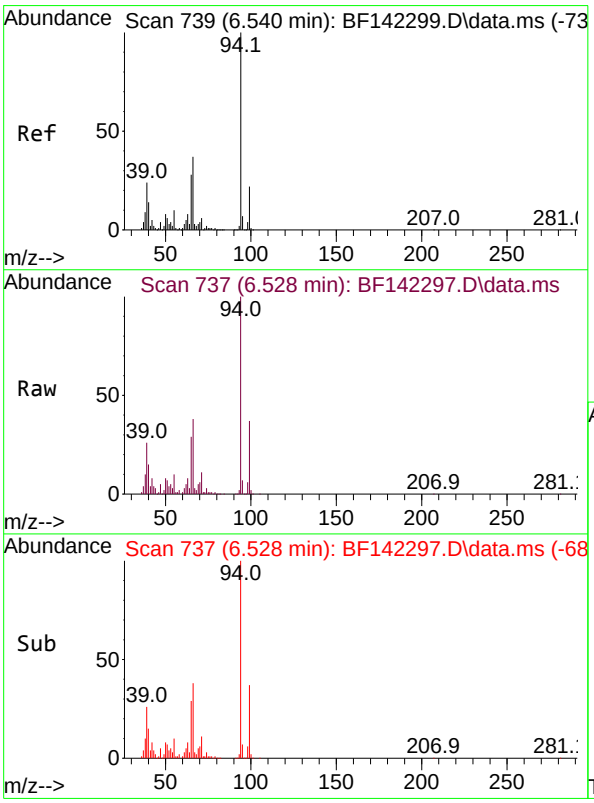
Ion	Ratio	Lower	Upper
77	100		
105	101.9	82.0	122.0
106	96.9	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

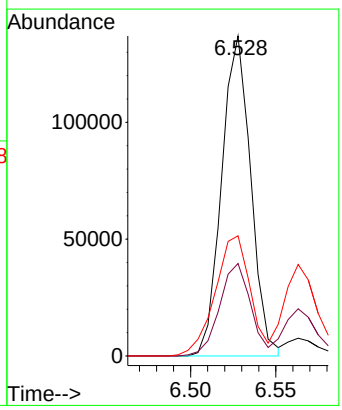
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

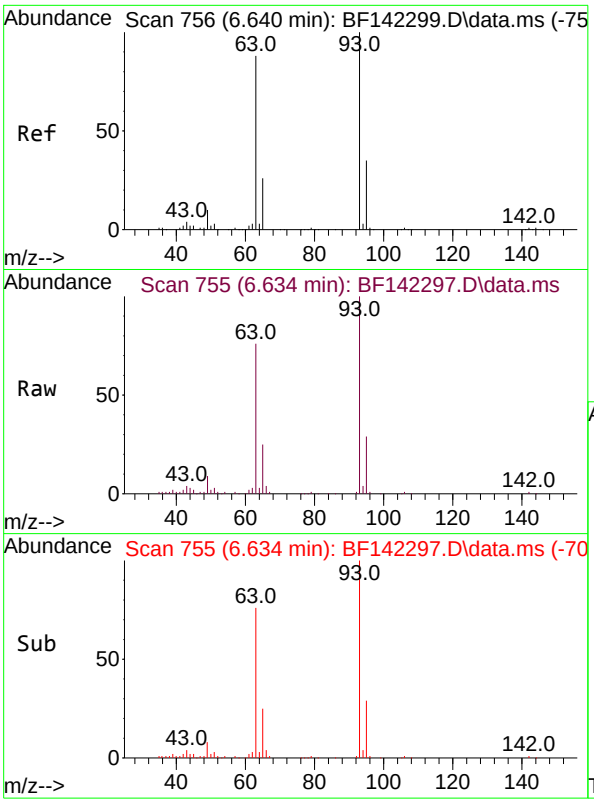


#10
Phenol
Concen: 10.003 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

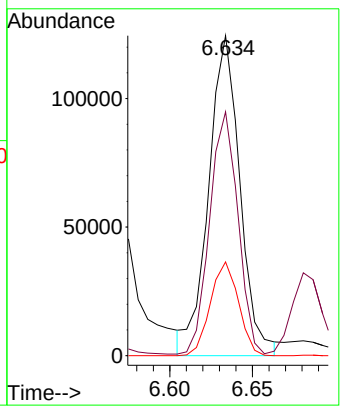




#11
bis(2-Chloroethyl)ether
Concen: 10.242 ng m
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 93 Resp: 16422

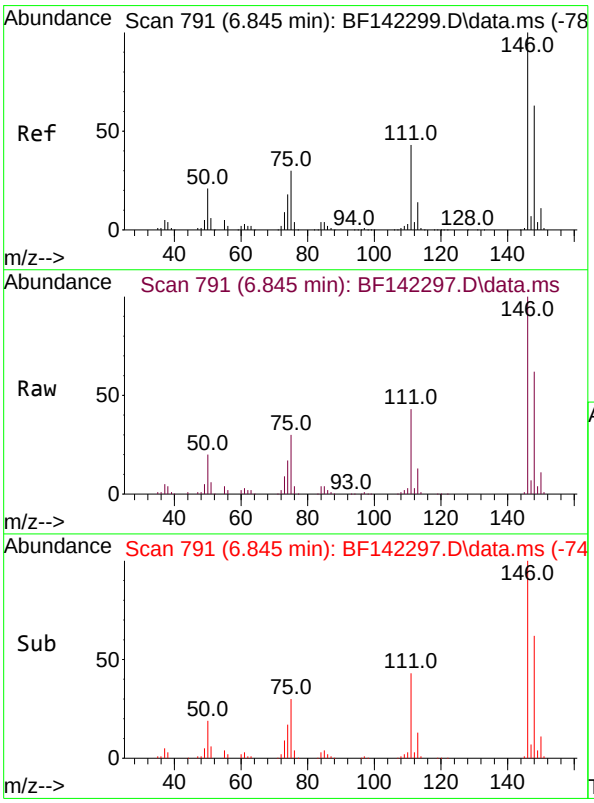
Ion	Ratio	Lower	Upper
93	100		
63	76.2	58.4	98.4
95	29.3	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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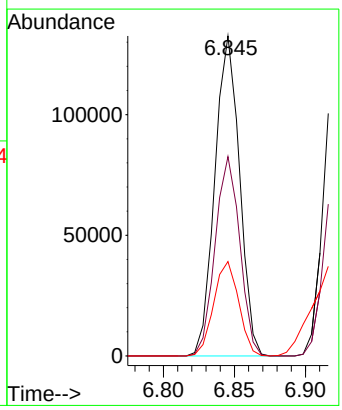
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

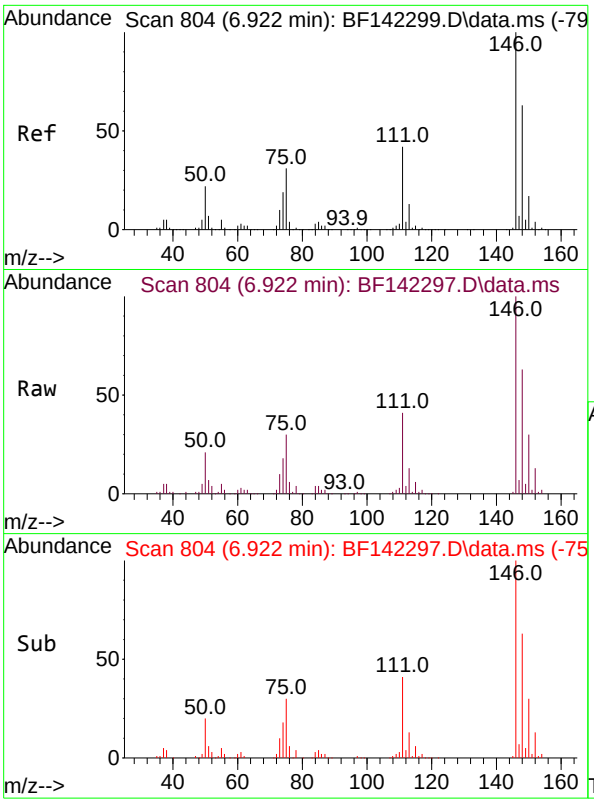


#12
1,3-Dichlorobenzene
Concen: 10.505 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

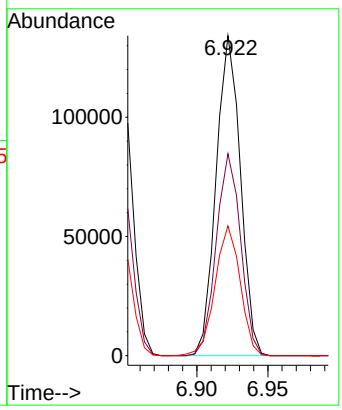




#13
1,4-Dichlorobenzene
Concen: 10.427 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:146 Resp: 15962

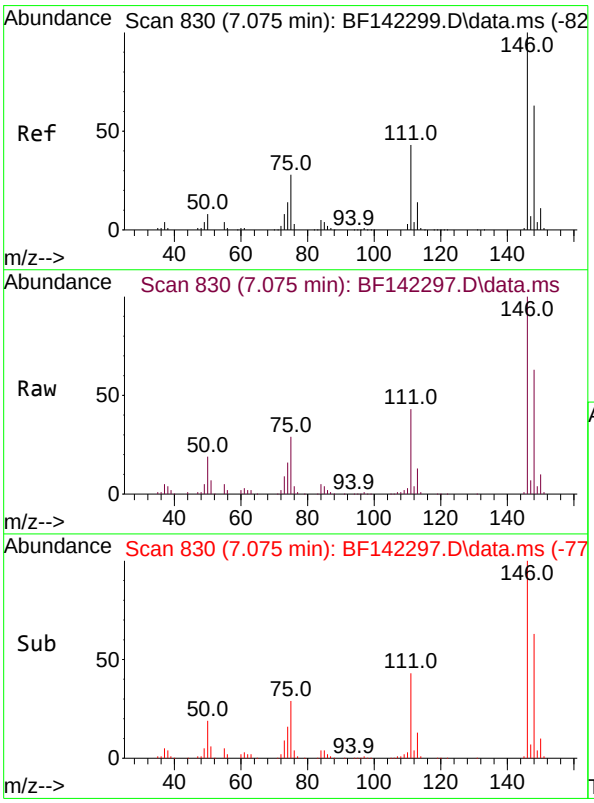
Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	40.6	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

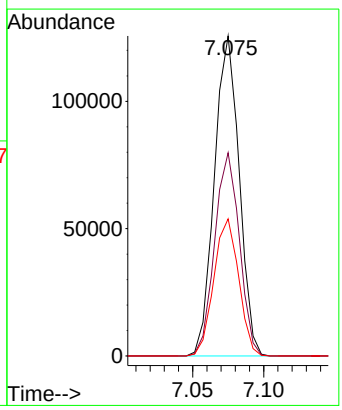
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

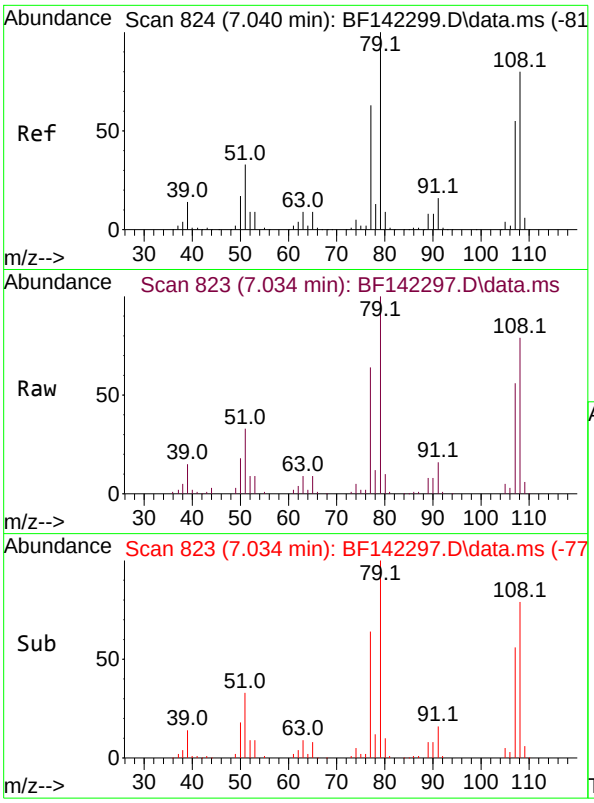


#14
1,2-Dichlorobenzene
Concen: 10.376 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

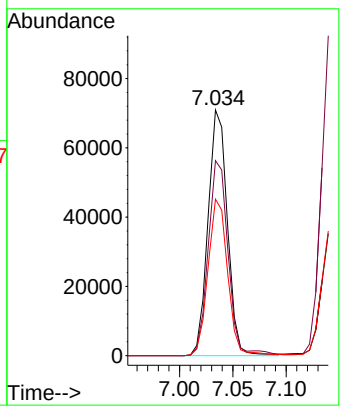




#15
Benzyl Alcohol
Concen: 9.040 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 79 Resp: 8979

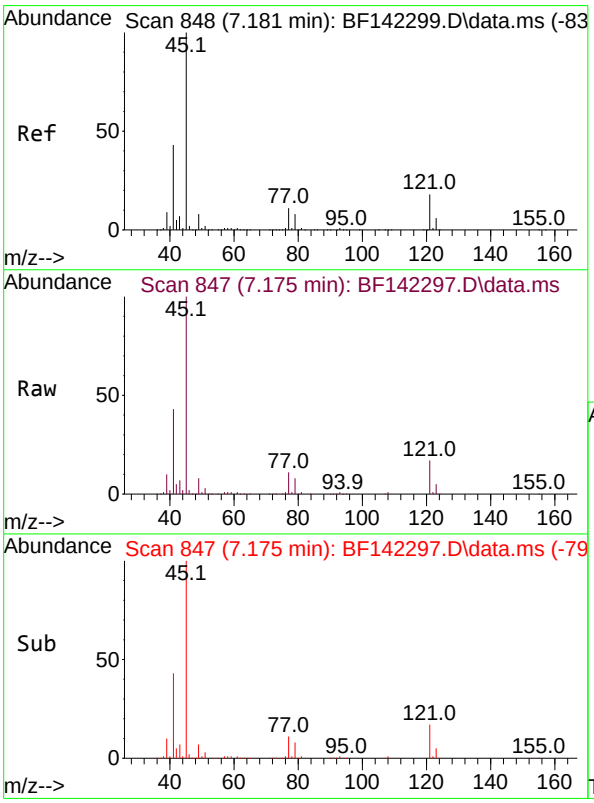
Ion	Ratio	Lower	Upper
79	100		
108	79.4	63.9	95.9
77	63.7	50.7	76.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

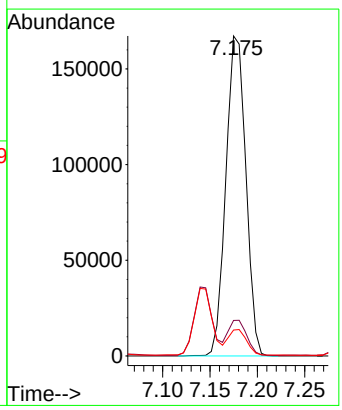
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

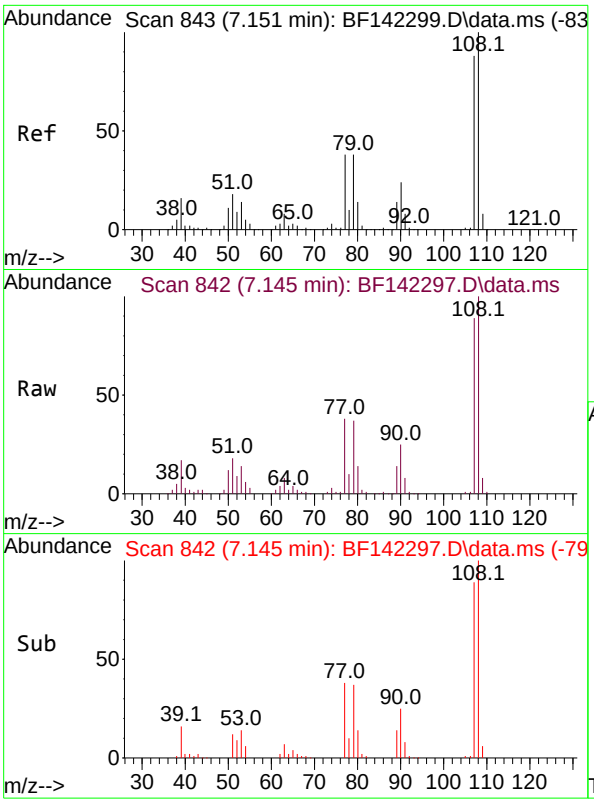


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.270 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

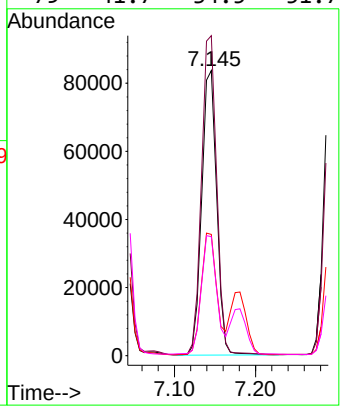




#17
2-Methylphenol
Concen: 9.947 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:107 Resp: 10733

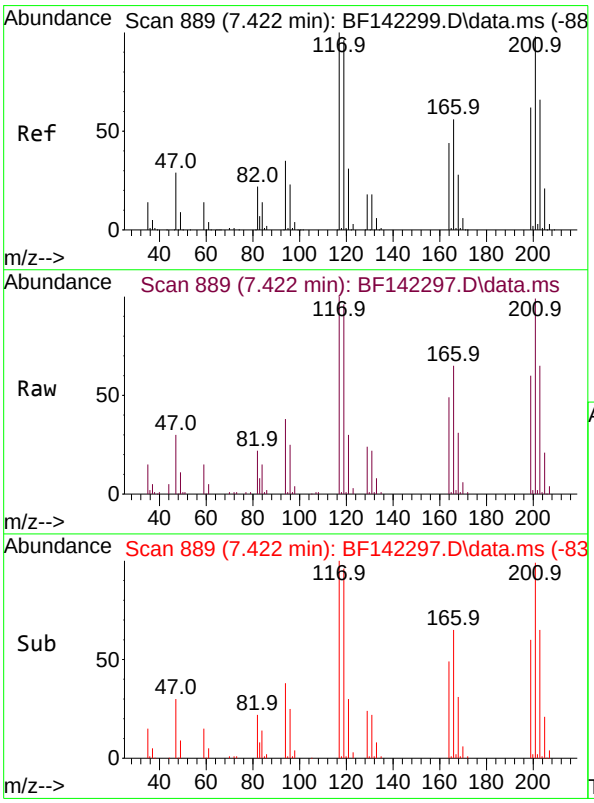
Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.1	136.7
77	42.5	34.7	52.1
79	41.7	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

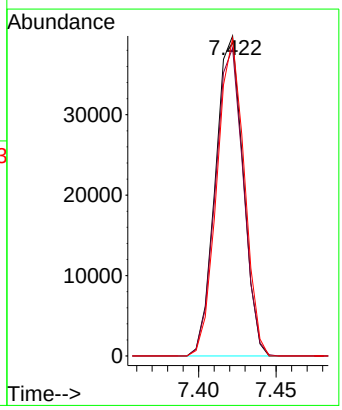
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

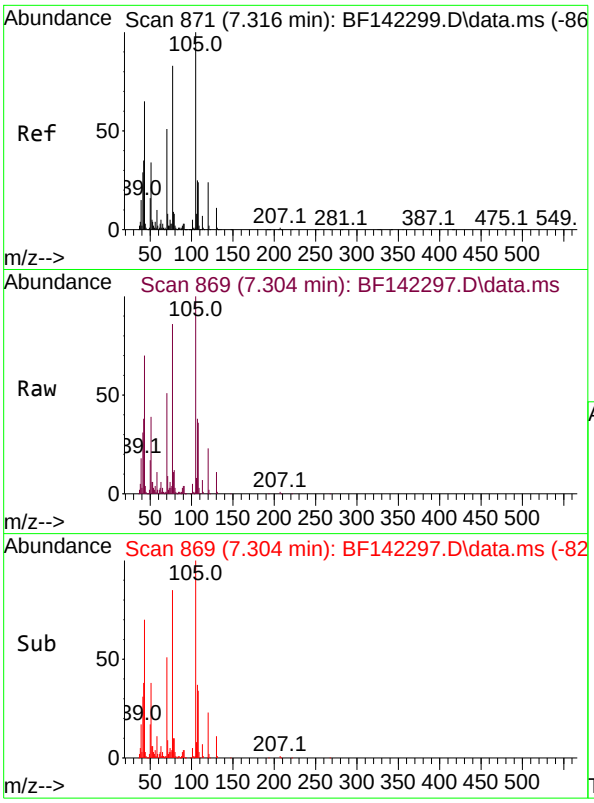


#18
Hexachloroethane
Concen: 9.702 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

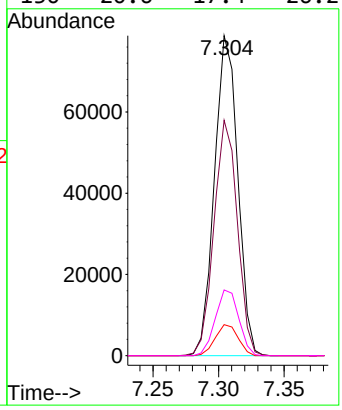




#19
n-Nitroso-di-n-propylamine
Concen: 10.264 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 70 Resp: 9739

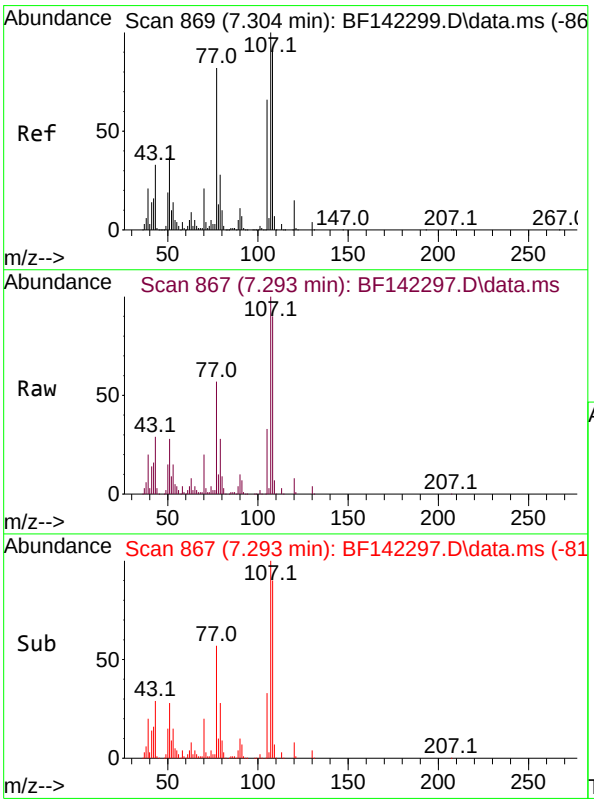
Ion	Ratio	Lower	Upper
70	100		
42	73.5	54.8	82.2
101	9.7	7.7	11.5
130	20.6	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

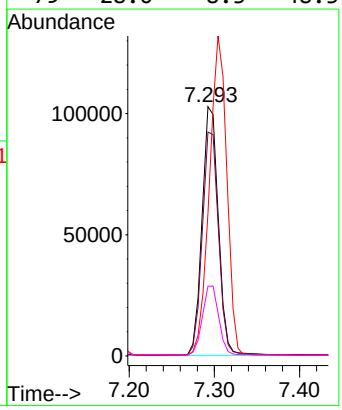
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

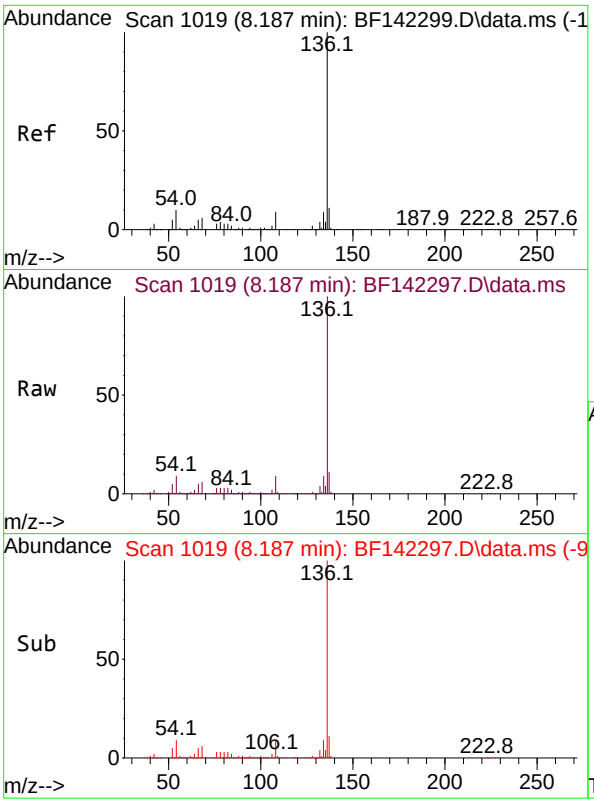


#20
3+4-Methylphenols
Concen: 10.127 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

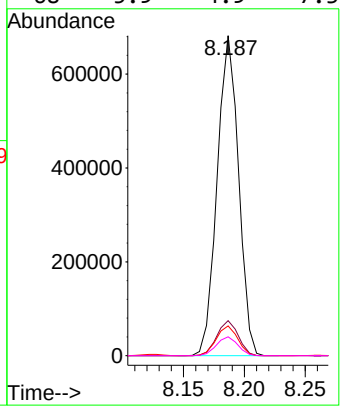




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:136 Resp: 83402

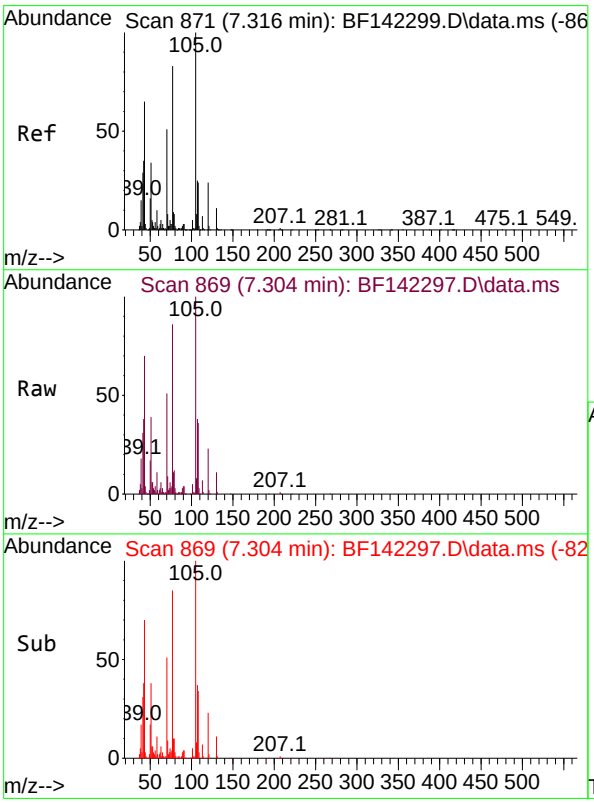
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.3	7.7	11.5
68	5.9	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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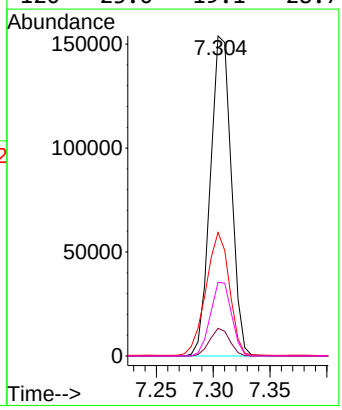
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

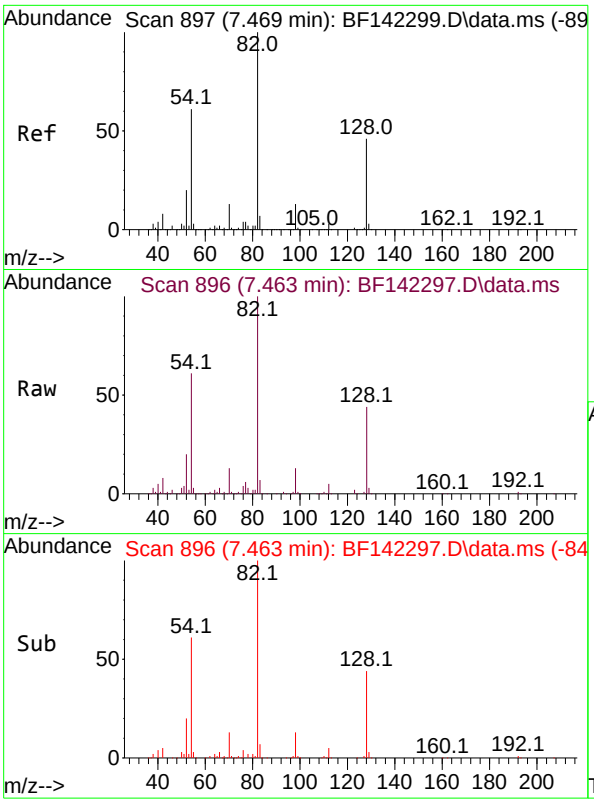


#22
Acetophenone
Concen: 10.662 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

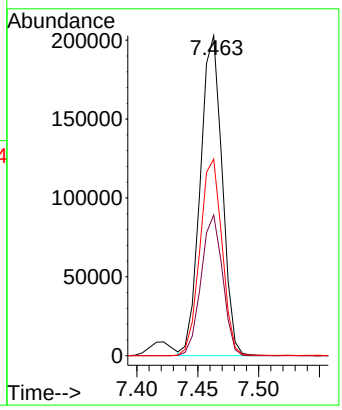
Tgt Ion: 82 Resp: 25345

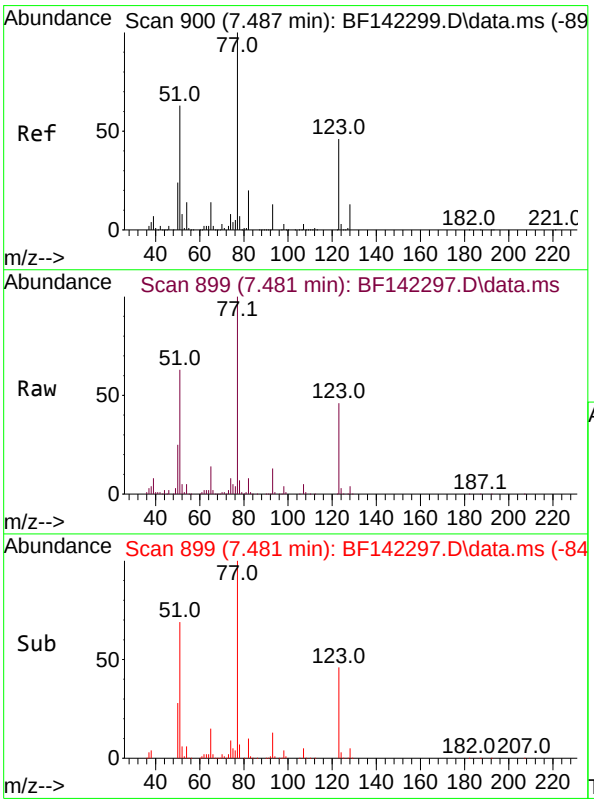
Ion	Ratio	Lower	Upper
82	100		
128	43.9	37.0	55.6
54	61.4	48.6	73.0

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

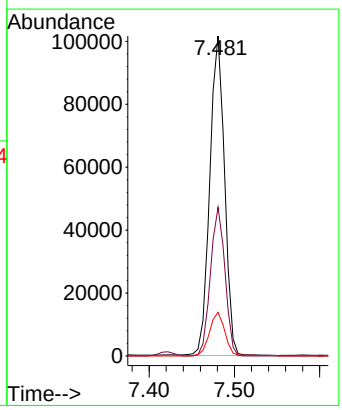


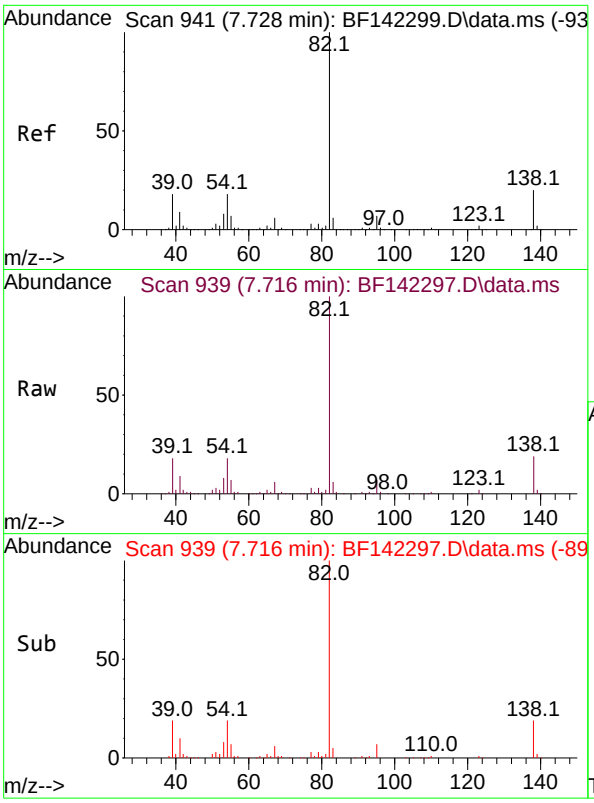


#24
Nitrobenzene
Concen: 9.485 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

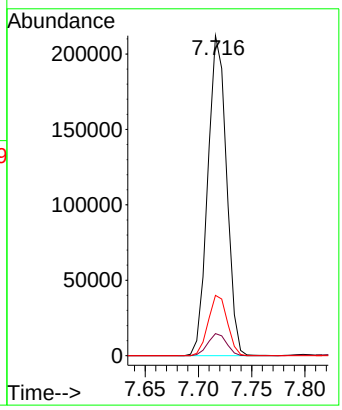
Tgt Ion: 82 Resp: 25996

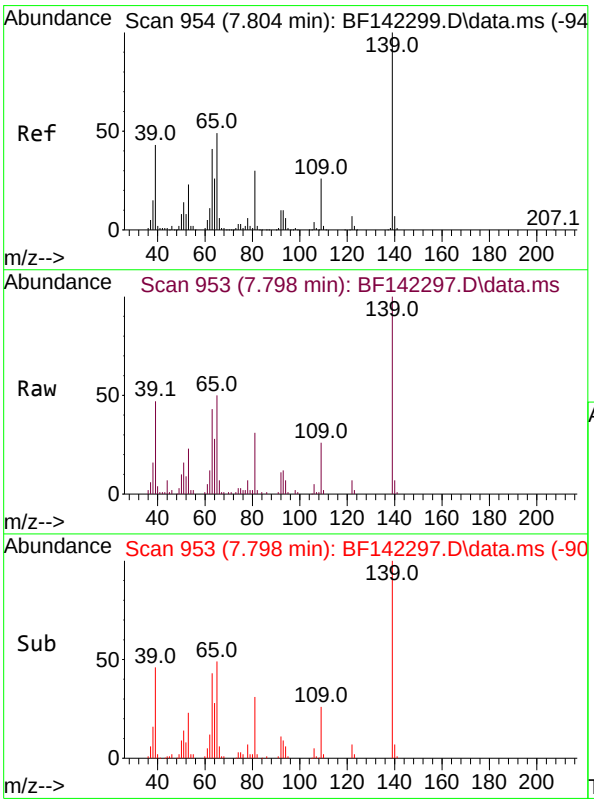
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.8
138	18.9	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

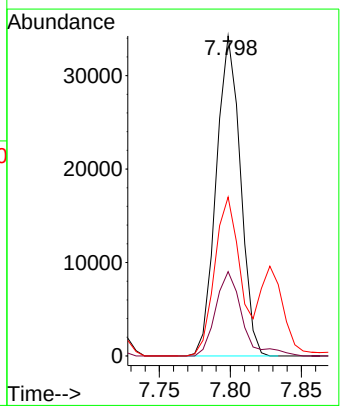


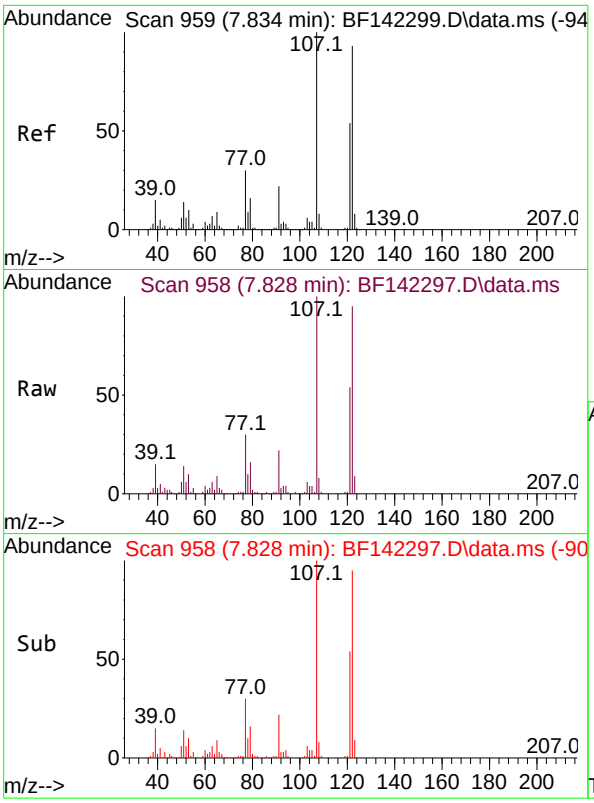


#26
2-Nitrophenol
Concen: 10.066 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

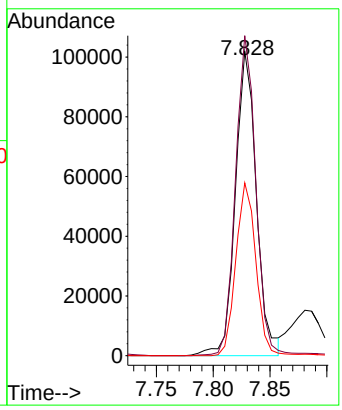




#27
2,4-Dimethylphenol
Concen: 10.068 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:122 Resp: 13107

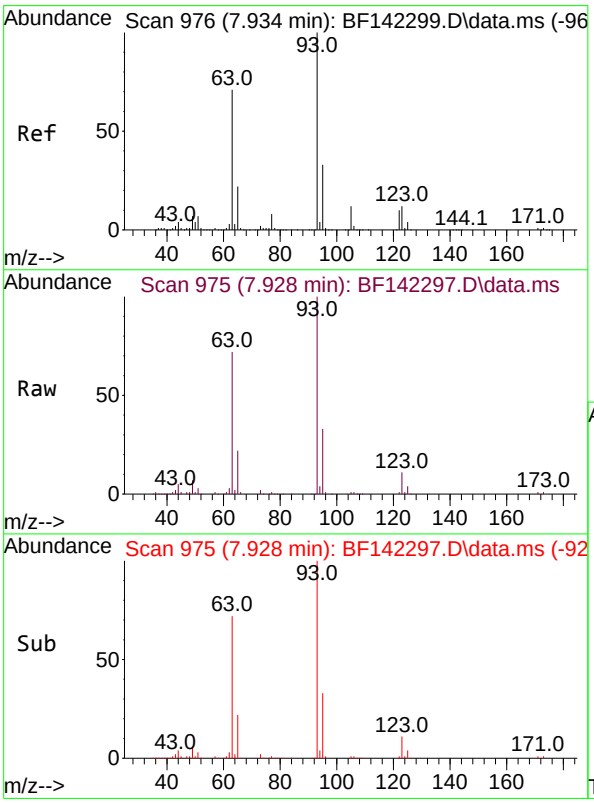
Ion	Ratio	Lower	Upper
122	100		
107	105.2	86.0	129.0
121	56.8	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

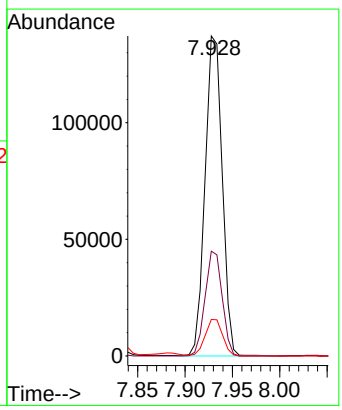
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

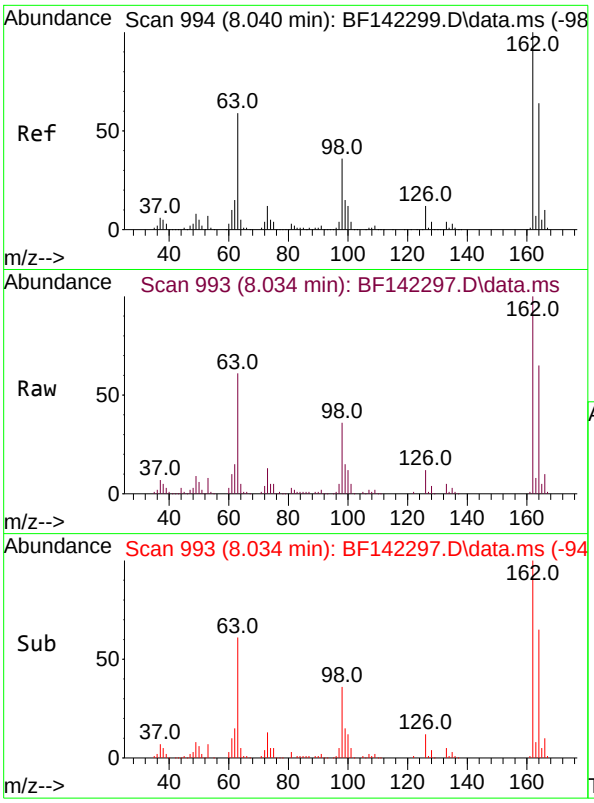


#28
bis(2-Chloroethoxy)methane
Concen: 10.373 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

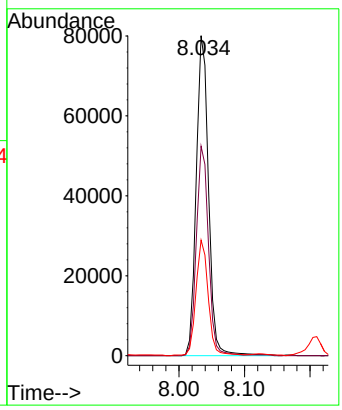




#29
2,4-Dichlorophenol
Concen: 9.468 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:162 Resp: 10480

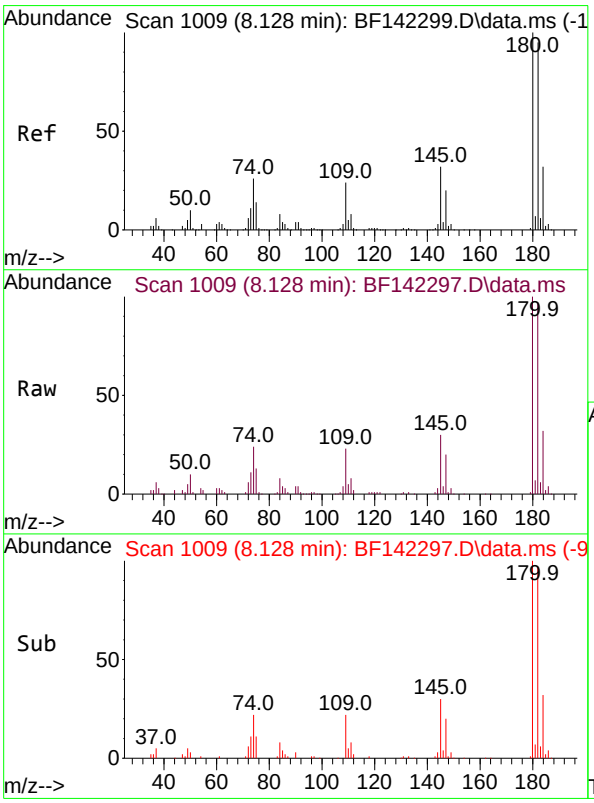
Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.6	83.6
98	36.1	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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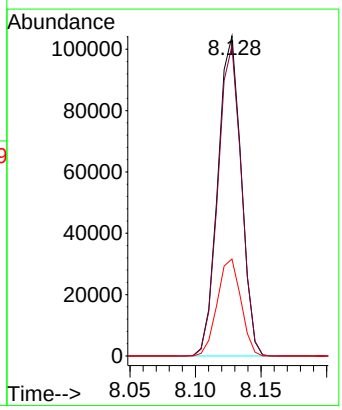
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

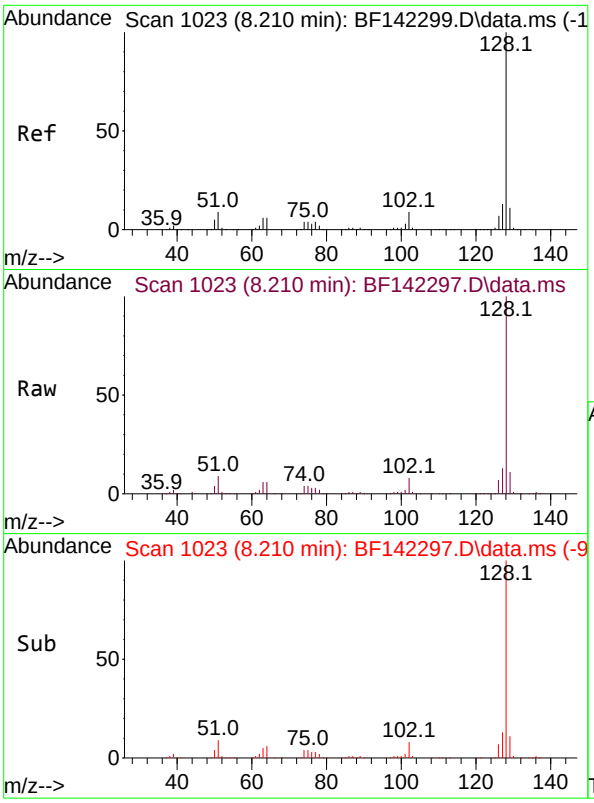


#30
1,2,4-Trichlorobenzene
Concen: 10.358 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

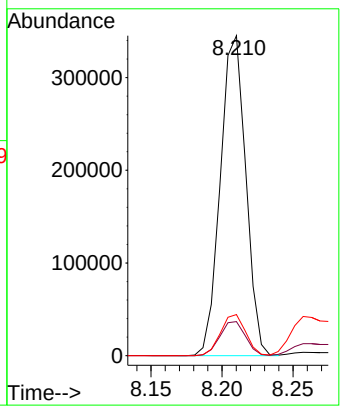
Tgt Ion:128 Resp: 42999(

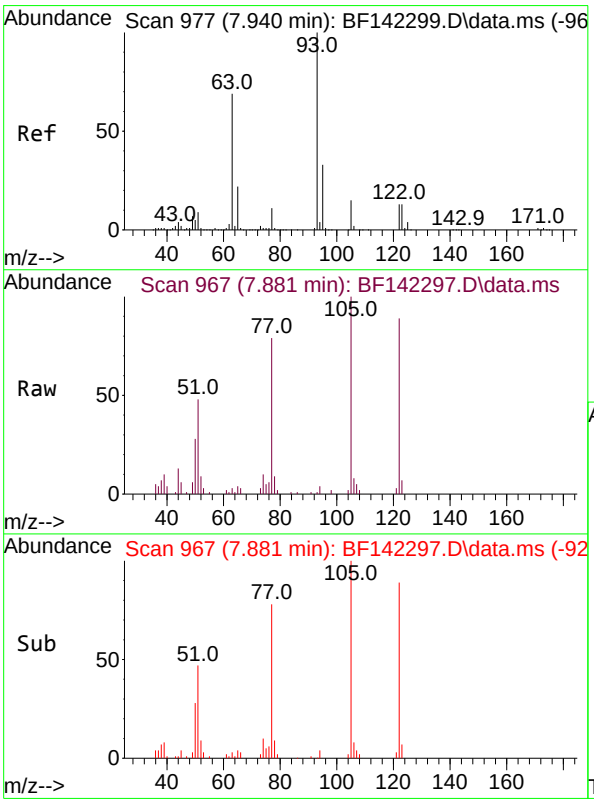
Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	12.8	10.5	15.7

Instrument :
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

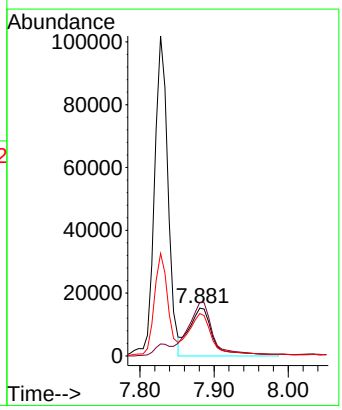


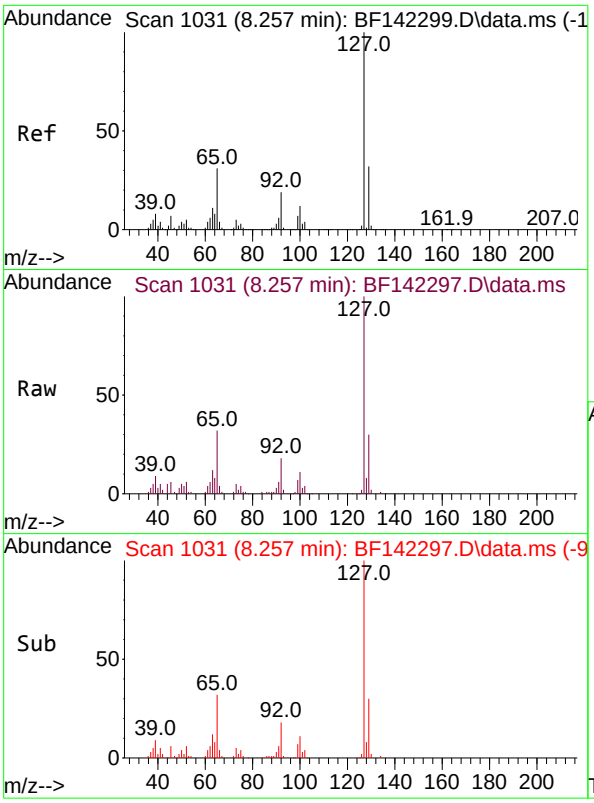


#32
Benzoic acid
Concen: 11.080 ng m
RT: 7.881 min Scan# 967
Delta R.T. -0.059 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

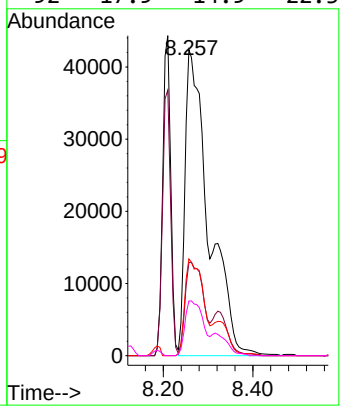




#33
4-Chloroaniline
Concen: 9.438 ng m
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:127 Resp: 15538

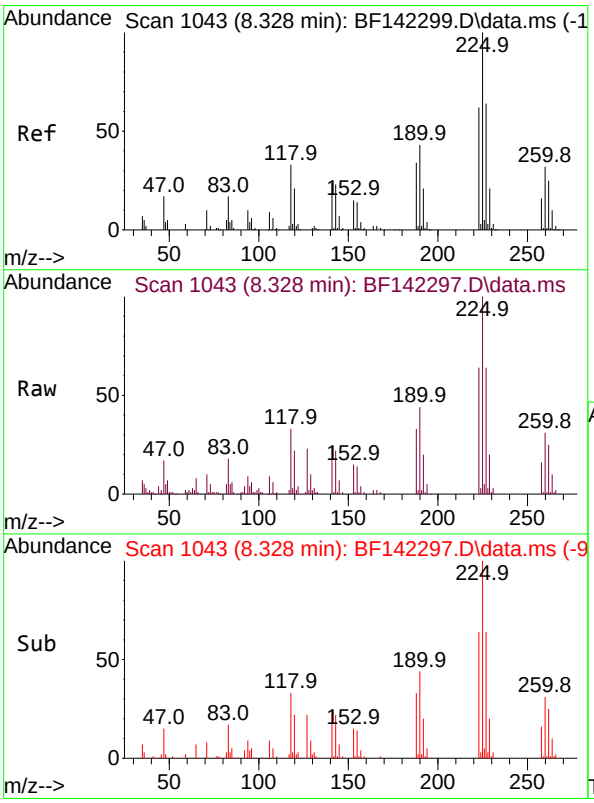
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.7	38.5
65	31.6	24.9	37.3
92	17.9	14.9	22.3



Instrument :
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ClientSampleId :
SSTDICC010

Manual Integrations
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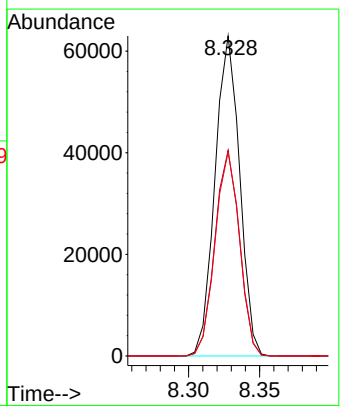
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

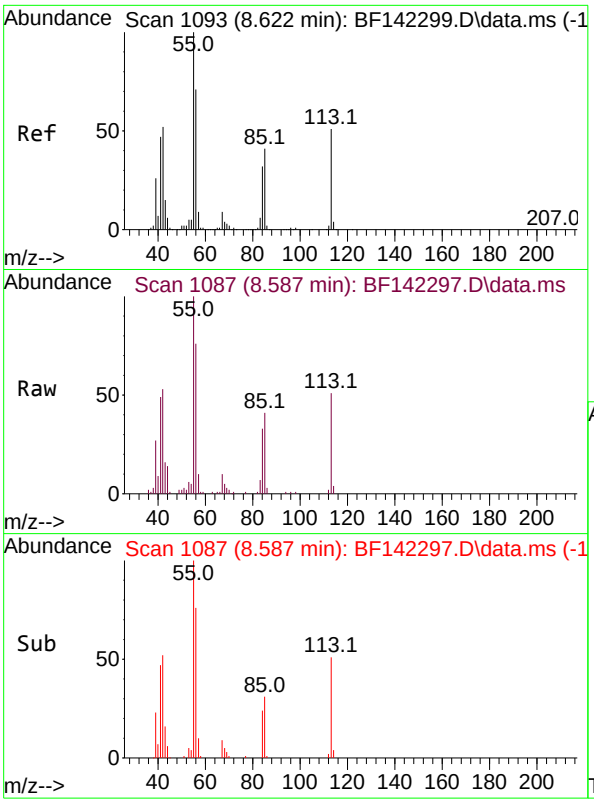


#34
Hexachlorobutadiene
Concen: 10.292 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

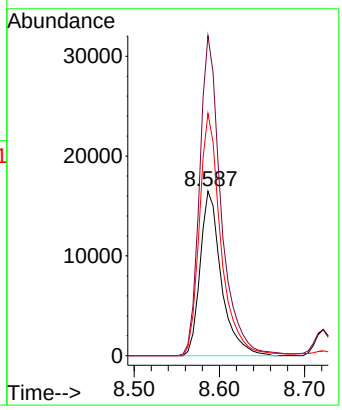




#35
Caprolactam
Concen: 8.834 ng
RT: 8.587 min Scan# 1
Delta R.T. -0.035 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:113 Resp: 2843

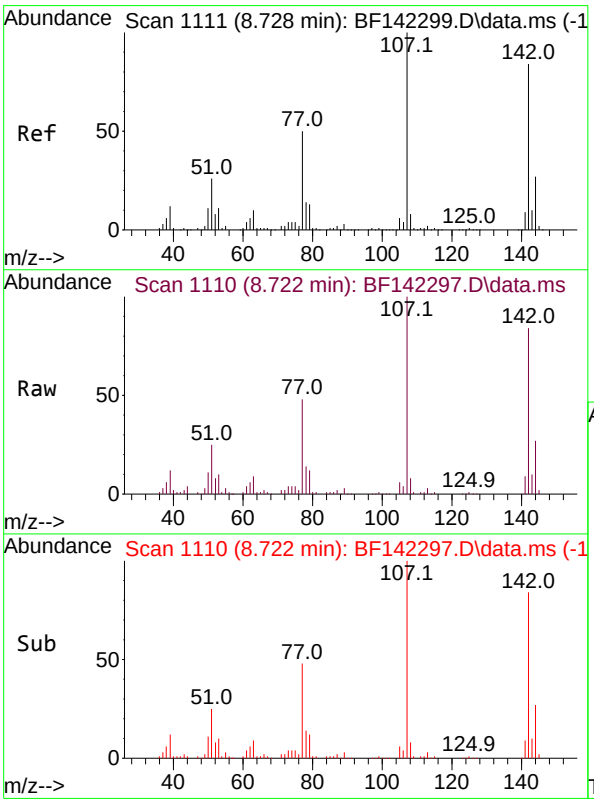
Ion	Ratio	Lower	Upper
113	100		
55	194.5	176.4	216.4
56	147.3	120.3	160.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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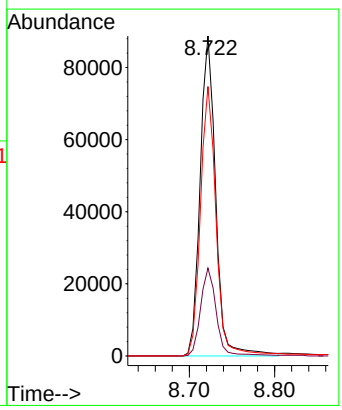
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

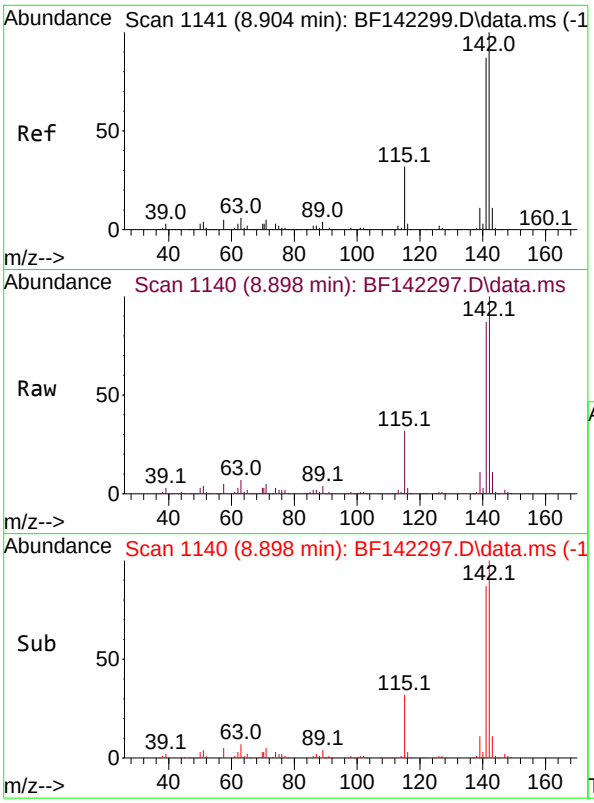


#36
4-Chloro-3-methylphenol
Concen: 9.800 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

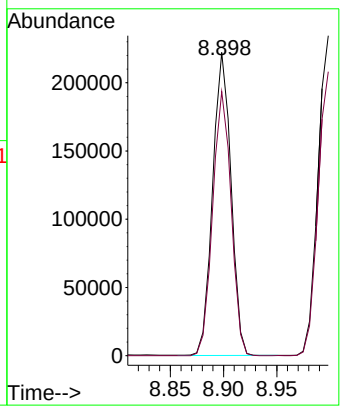




#37
2-Methylnaphthalene
Concen: 10.564 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:142 Resp: 26532

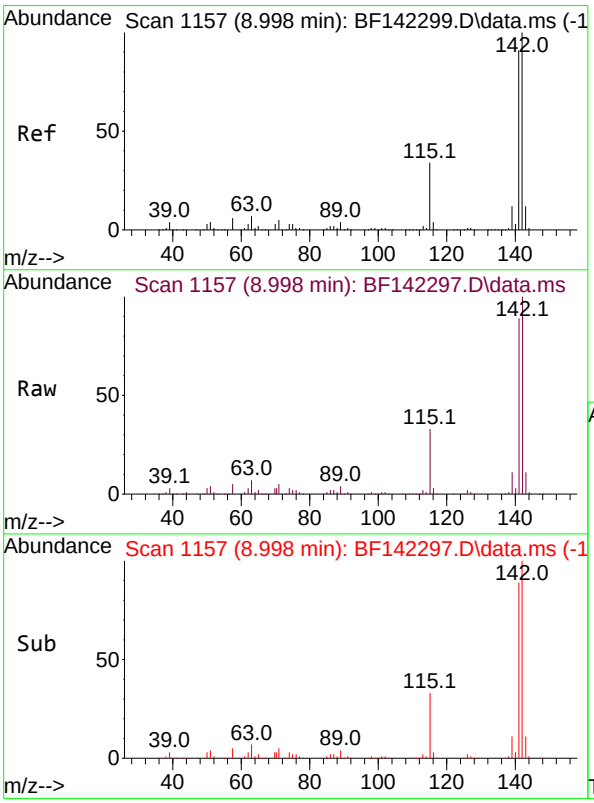
Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.4	104.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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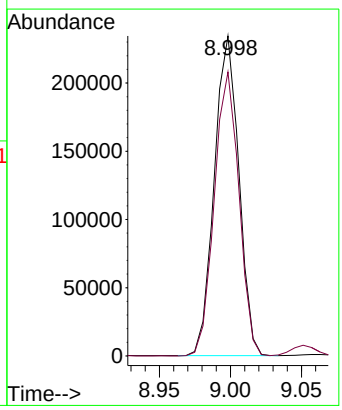
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

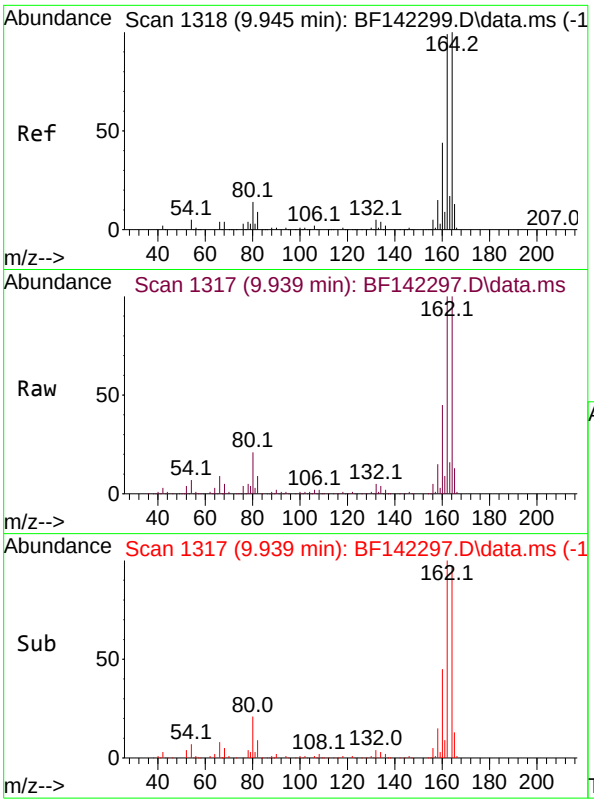


#38
1-Methylnaphthalene
Concen: 10.745 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:142 Resp: 281289

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.5	108.7

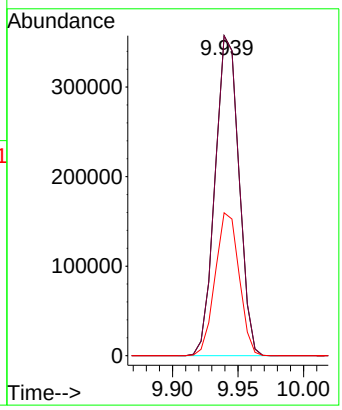




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:164 Resp: 45165

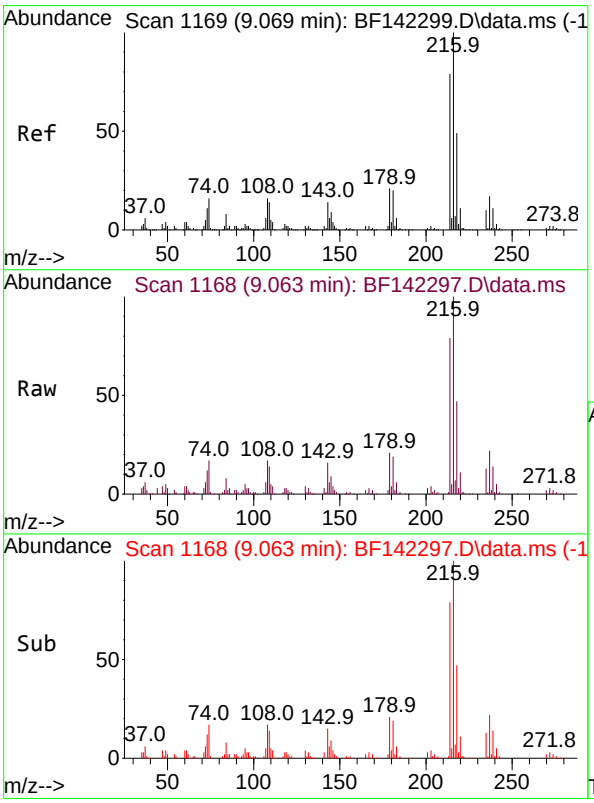
Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.2	118.8
160	44.7	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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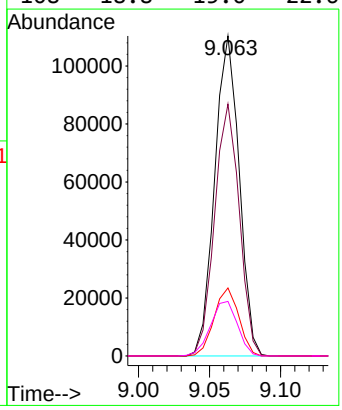
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

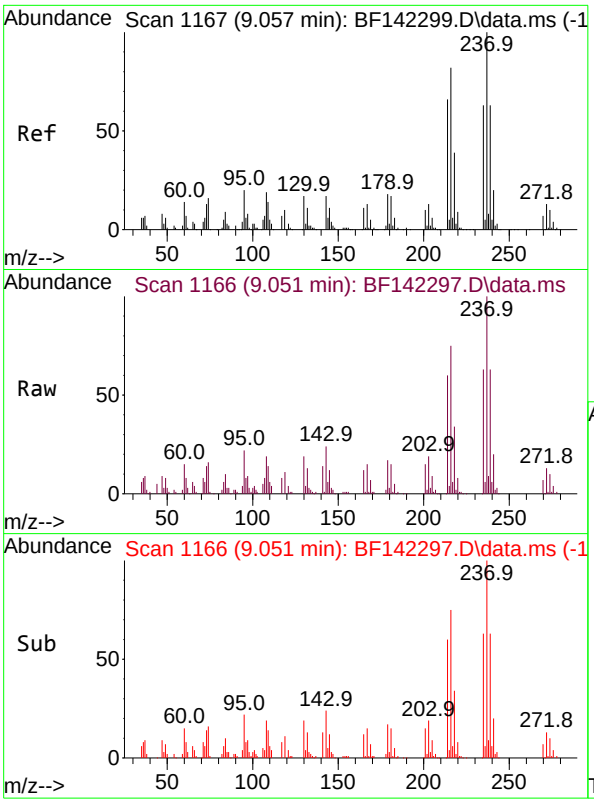


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.492 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

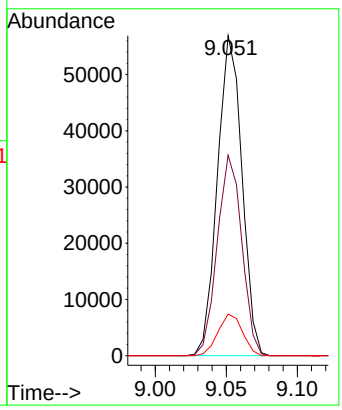




#41
Hexachlorocyclopentadiene
Concen: 8.764 ng
RT: 9.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:237 Resp: 6832

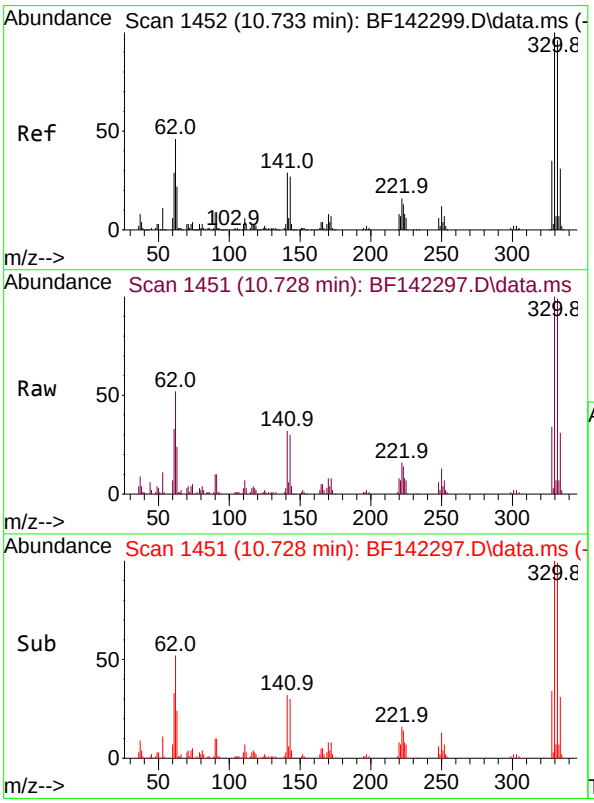
Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.8	82.8
272	13.0	0.0	33.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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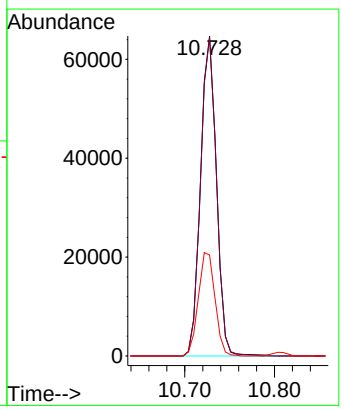
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

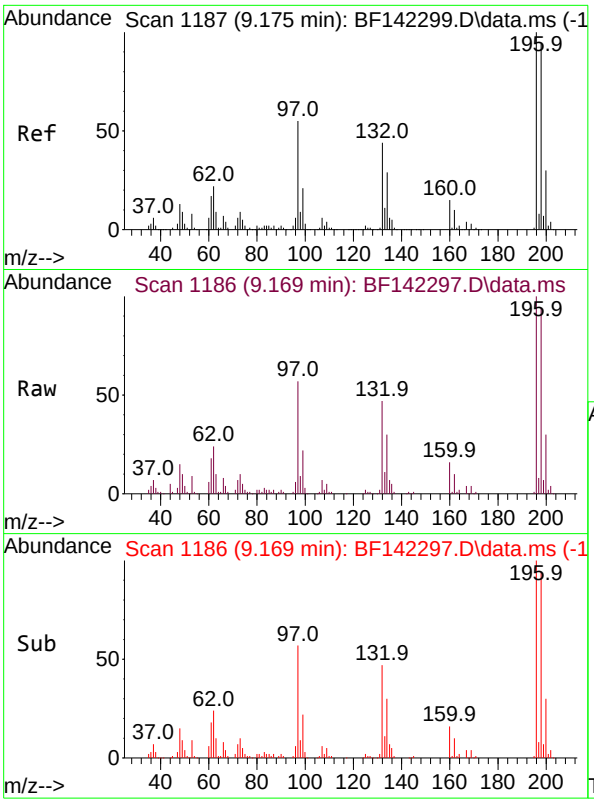


#42
2,4,6-Tribromophenol
Concen: 18.247 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

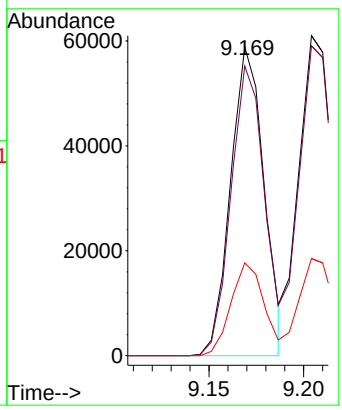




#43
2,4,6-Trichlorophenol
Concen: 9.078 ng
RT: 9.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:196 Resp: 7223

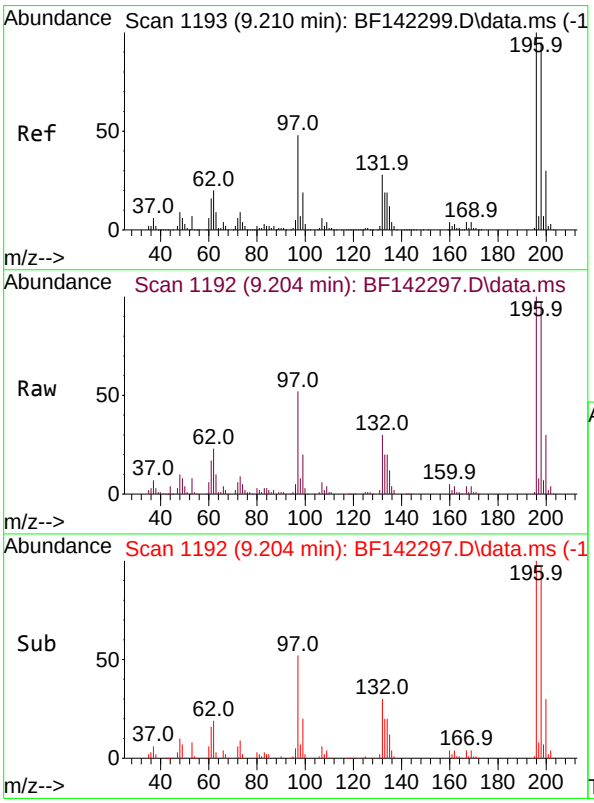
Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.4	113.0
200	30.0	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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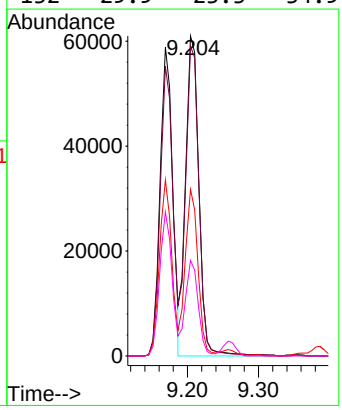
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

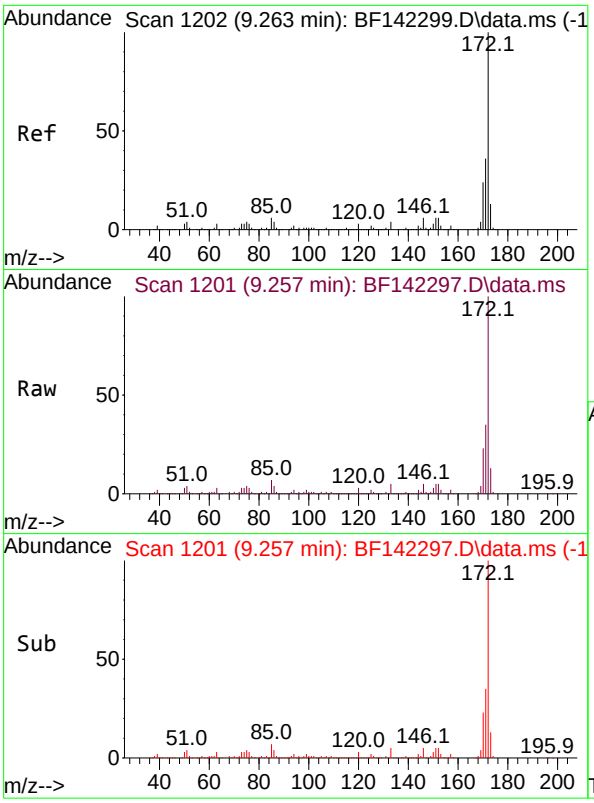


#44
2,4,5-Trichlorophenol
Concen: 9.429 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

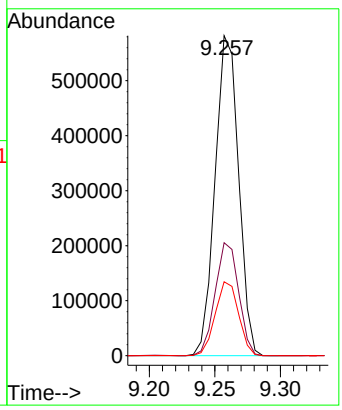




#45
2-Fluorobiphenyl
Concen: 22.888 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:172 Resp: 72500

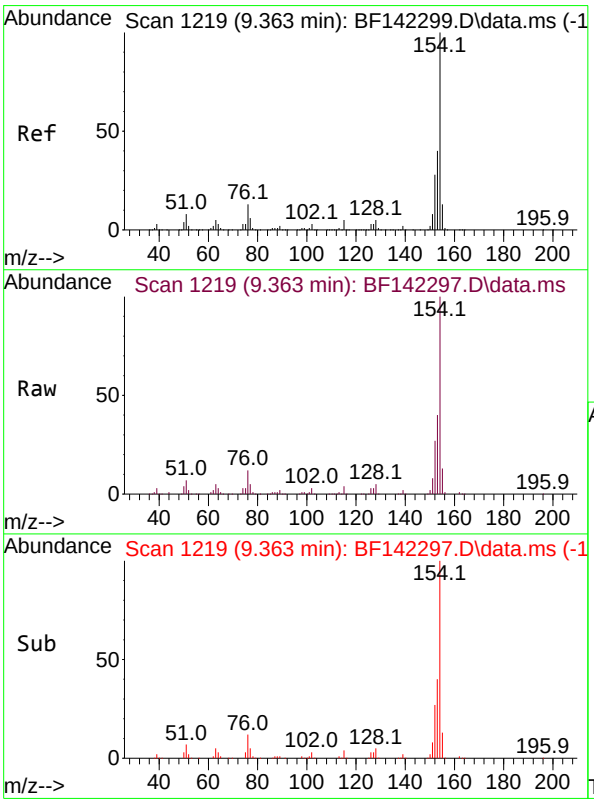
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.1	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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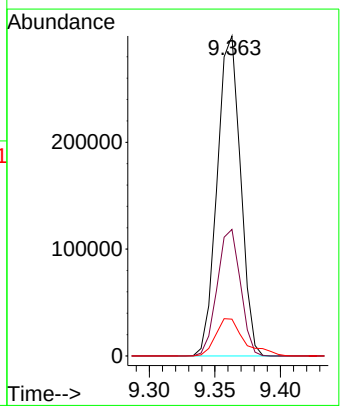
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

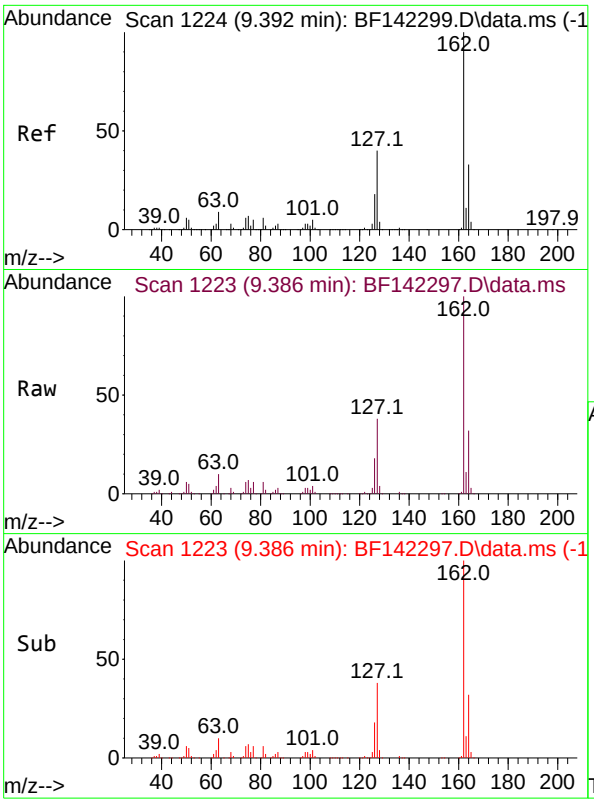


#46
1,1'-Biphenyl
Concen: 10.702 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

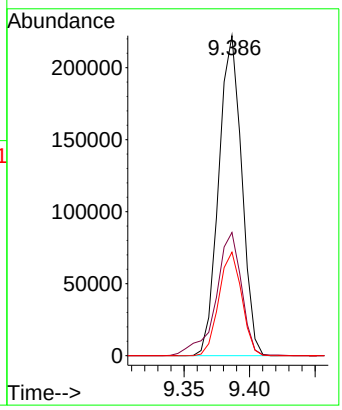




#47
2-Chloronaphthalene
Concen: 10.503 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:162 Resp: 27050

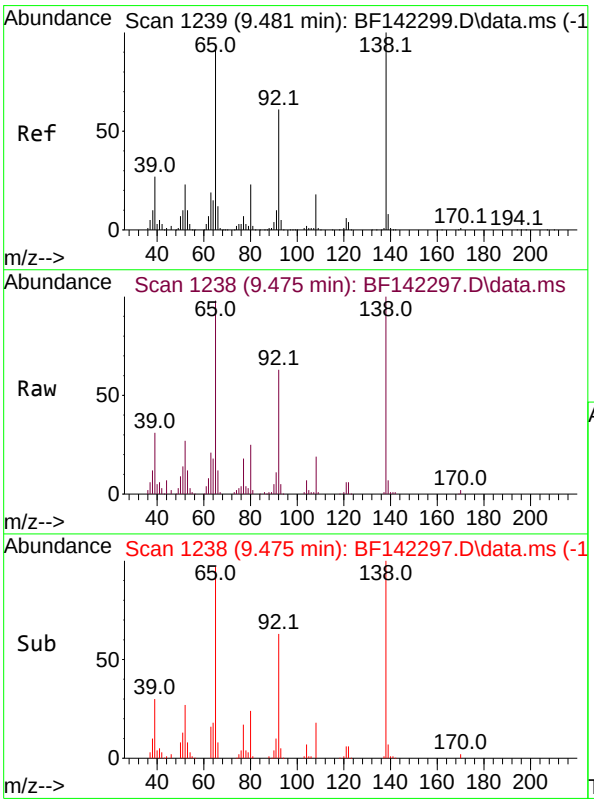
Ion	Ratio	Lower	Upper
162	100		
127	38.5	32.3	48.5
164	32.4	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

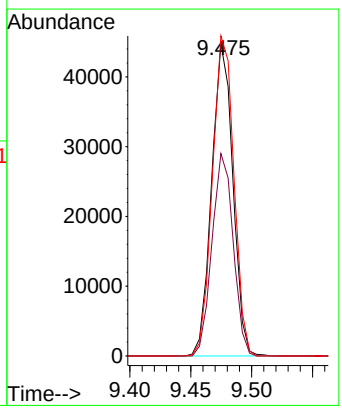
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

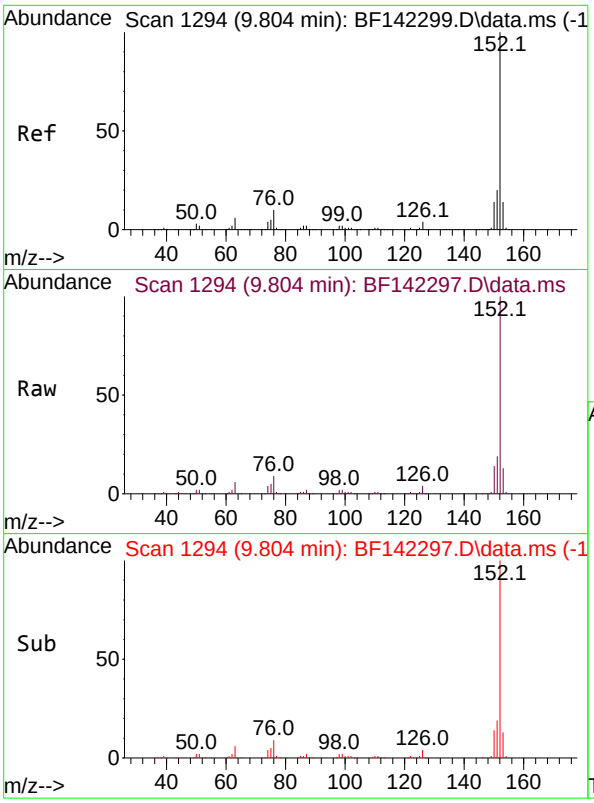


#48
2-Nitroaniline
Concen: 8.208 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

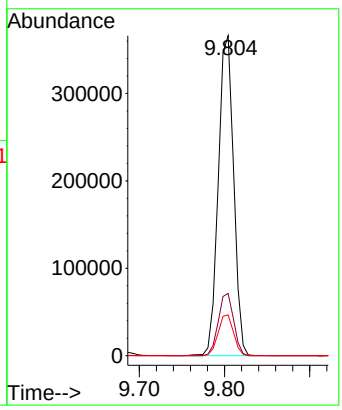




#49
Acenaphthylene
Concen: 10.616 ng
RT: 9.804 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:152 Resp: 45735

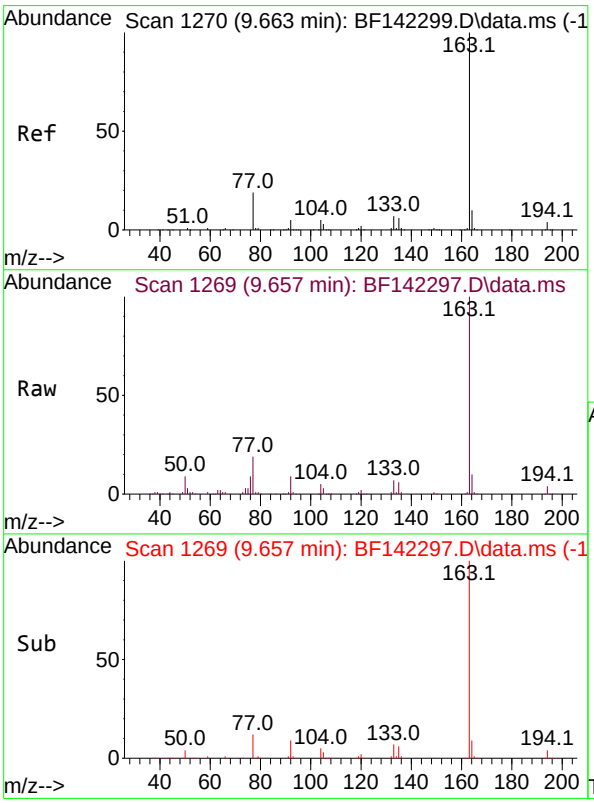
Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.0	24.0
153	12.7	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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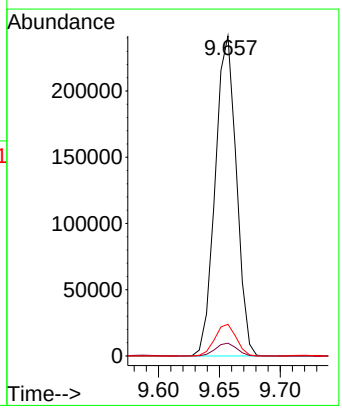
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

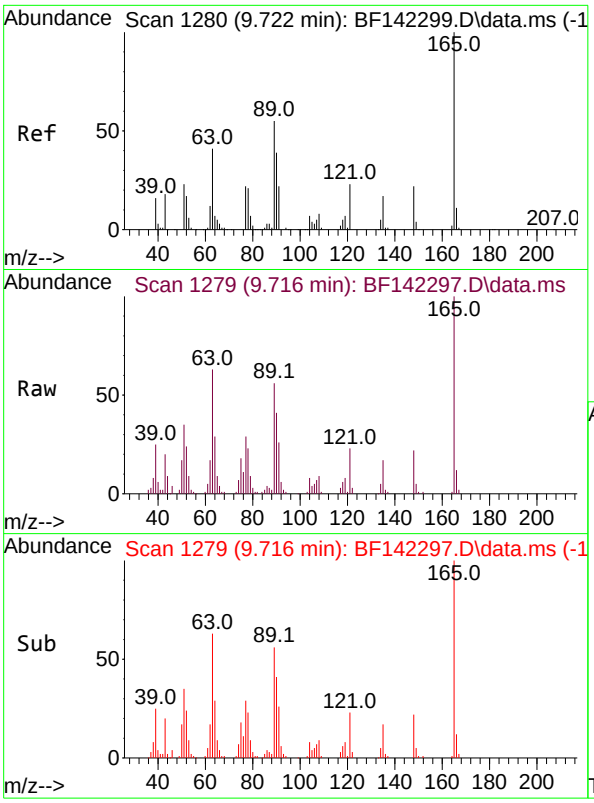


#50
Dimethylphthalate
Concen: 10.080 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

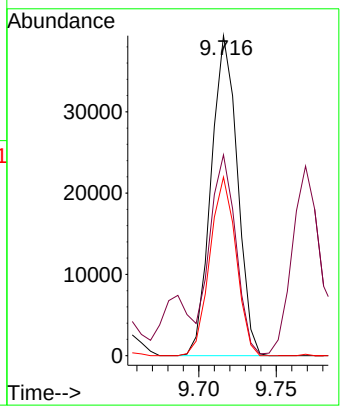
Tgt Ion:165 Resp: 4642

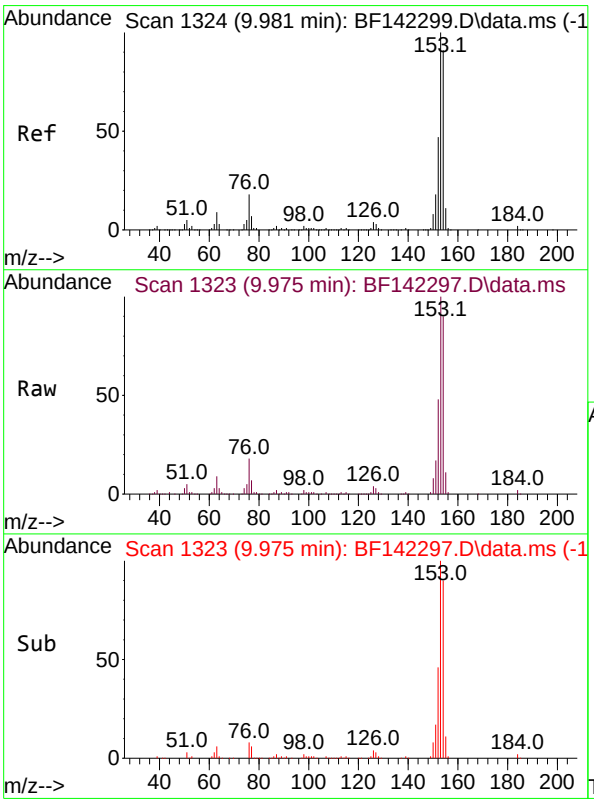
Ion	Ratio	Lower	Upper
165	100		
63	62.8	49.5	74.3
89	55.8	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

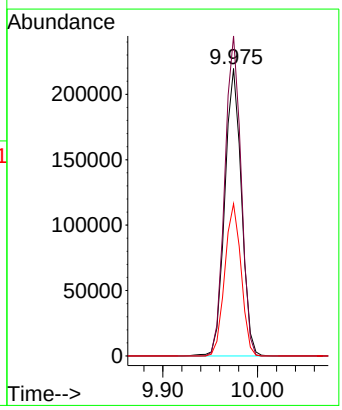


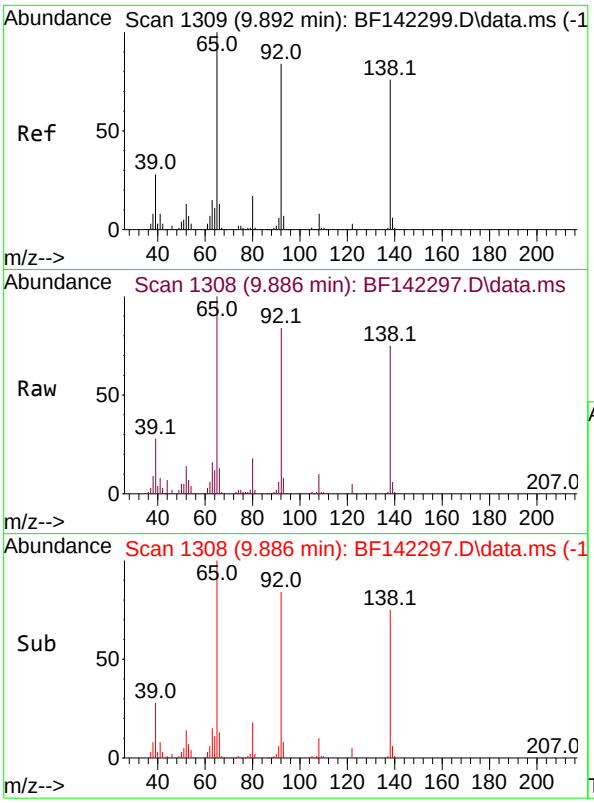


#52
Acenaphthene
Concen: 10.384 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

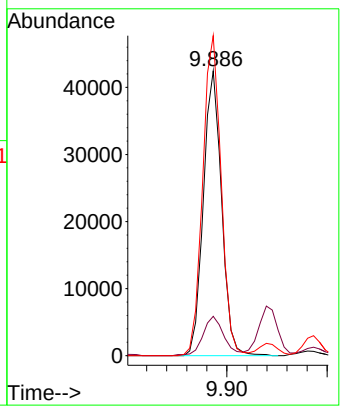
Tgt Ion:138 Resp: 5375

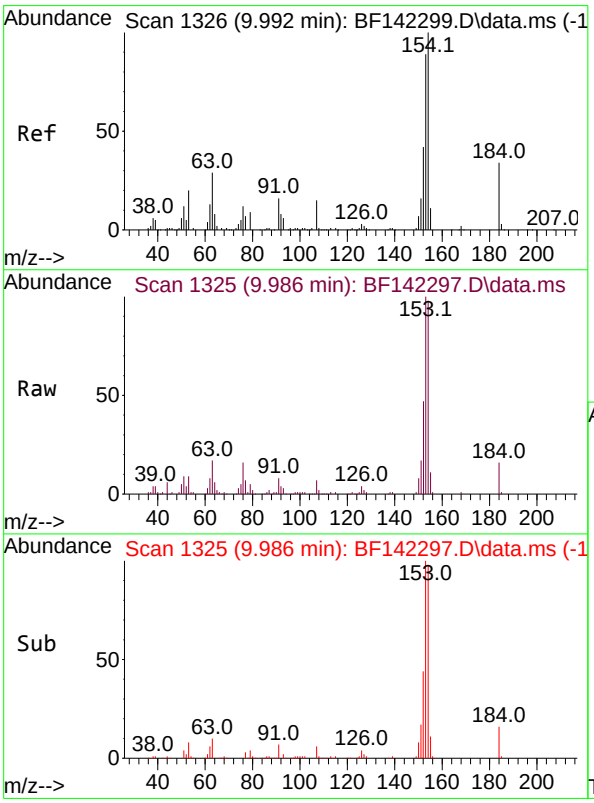
Ion	Ratio	Lower	Upper
138	100		
108	13.8	8.7	13.1#
92	112.4	89.5	134.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

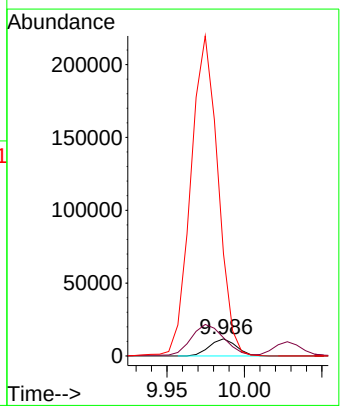


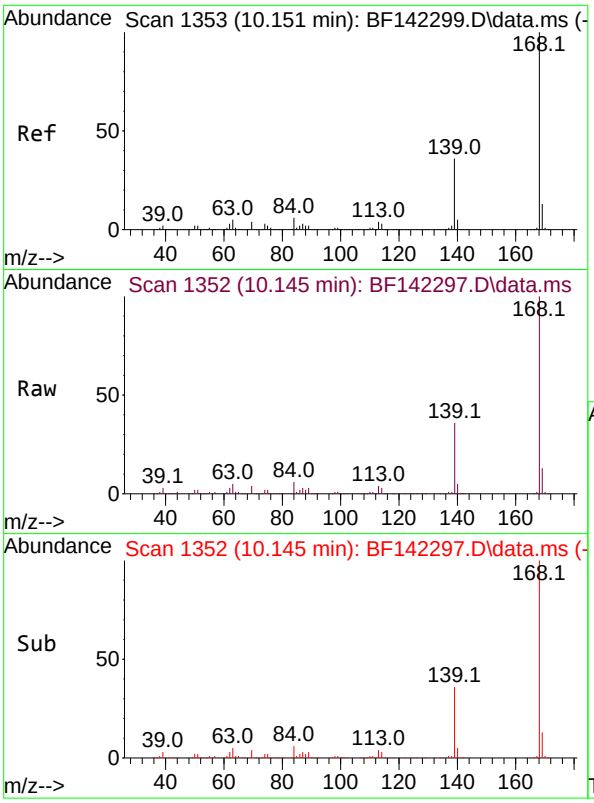


#54
2,4-Dinitrophenol
Concen: 12.133 ng
RT: 9.986 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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#

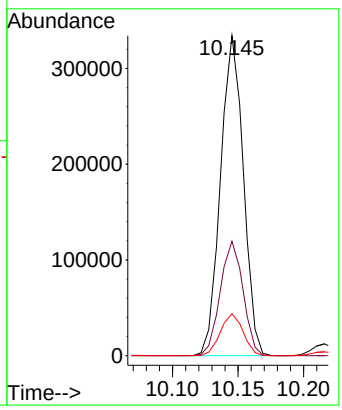




#55
Dibenzofuran
Concen: 10.573 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:168 Resp: 40421

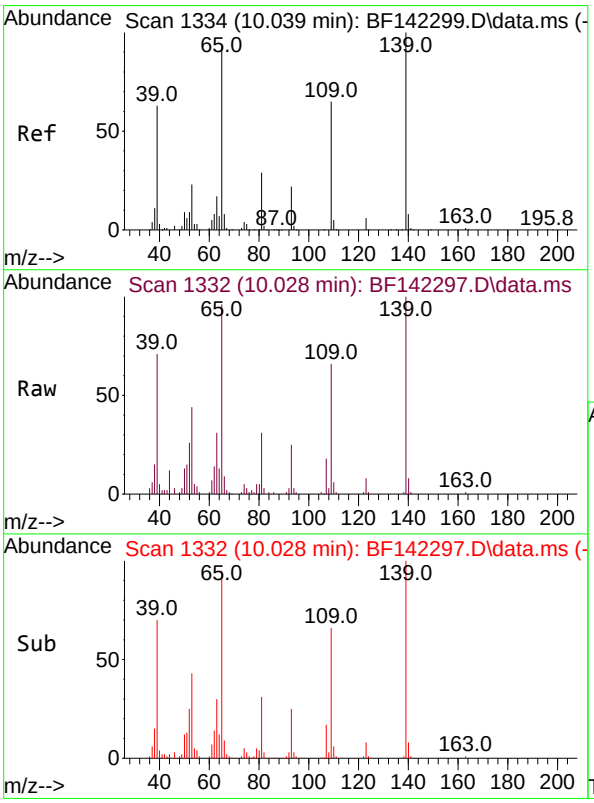
Ion	Ratio	Lower	Upper
168	100		
139	35.7	29.0	43.4
169	13.1	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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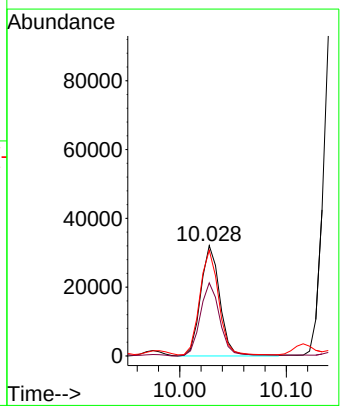
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

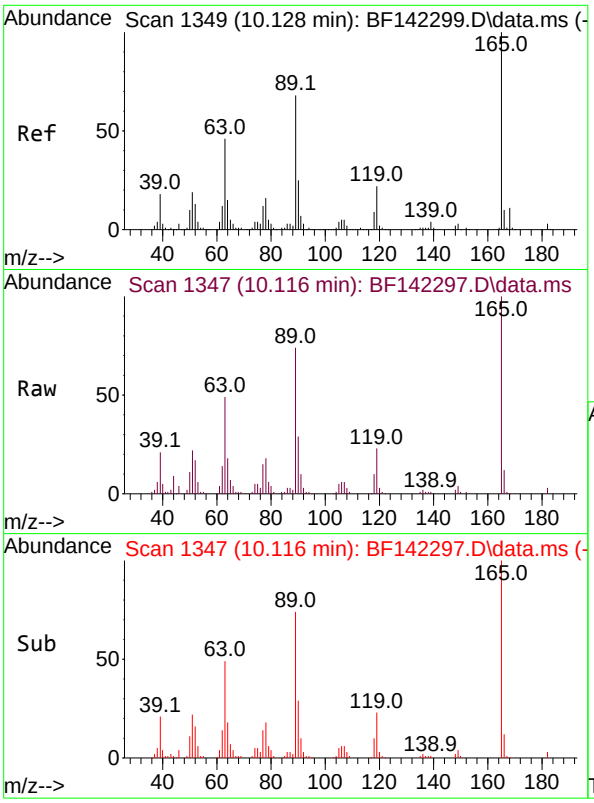


#56
4-Nitrophenol
Concen: 8.407 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

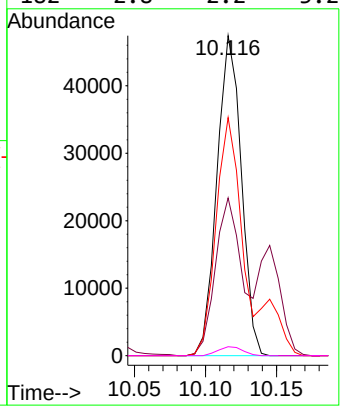




#57
2,4-Dinitrotoluene
Concen: 8.120 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:165 Resp: 5654

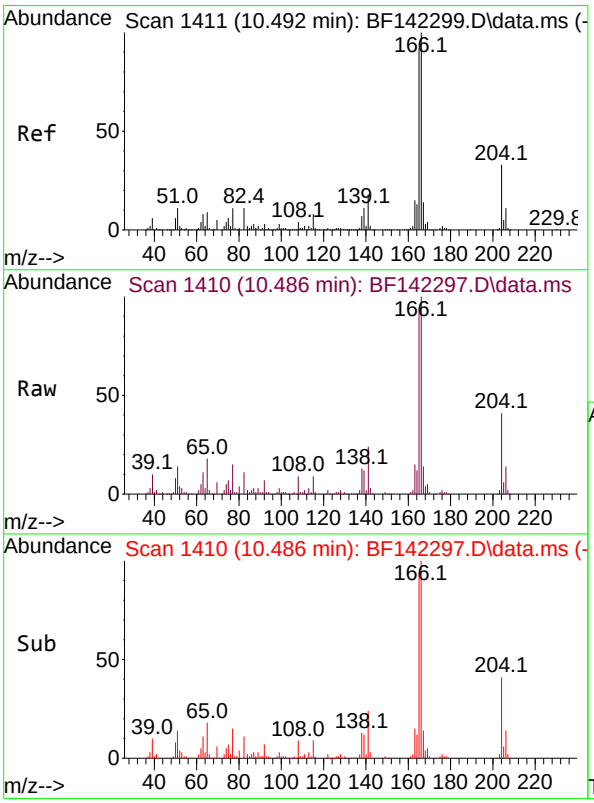
Ion	Ratio	Lower	Upper
165	100		
63	49.3	37.1	55.7
89	74.4	54.4	81.6
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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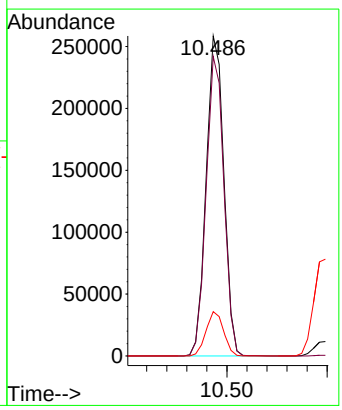
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

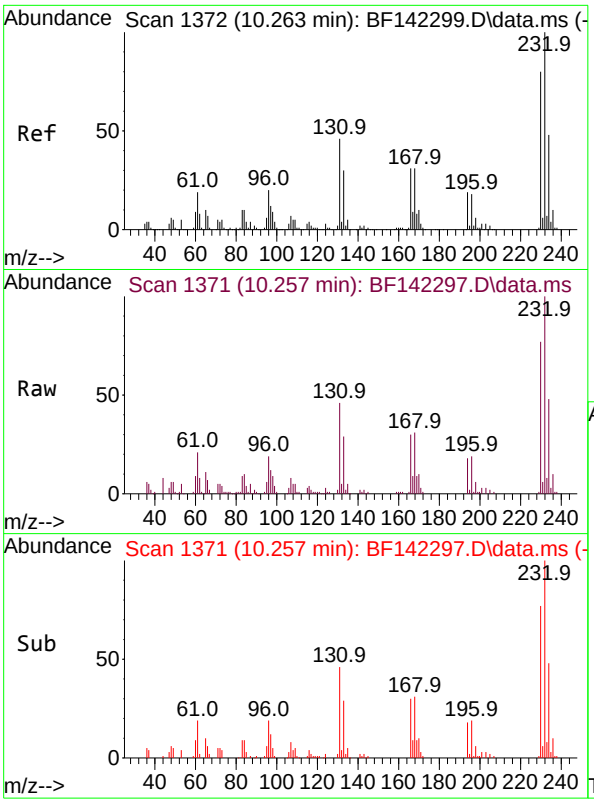


#58
Fluorene
Concen: 10.892 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

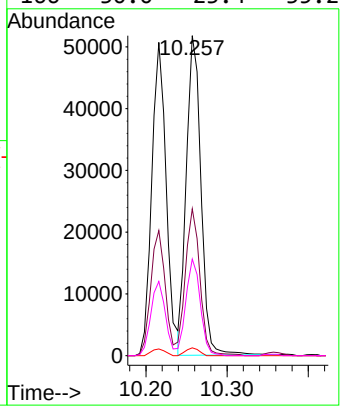




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.316 ng
RT: 10.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:232 Resp: 6510

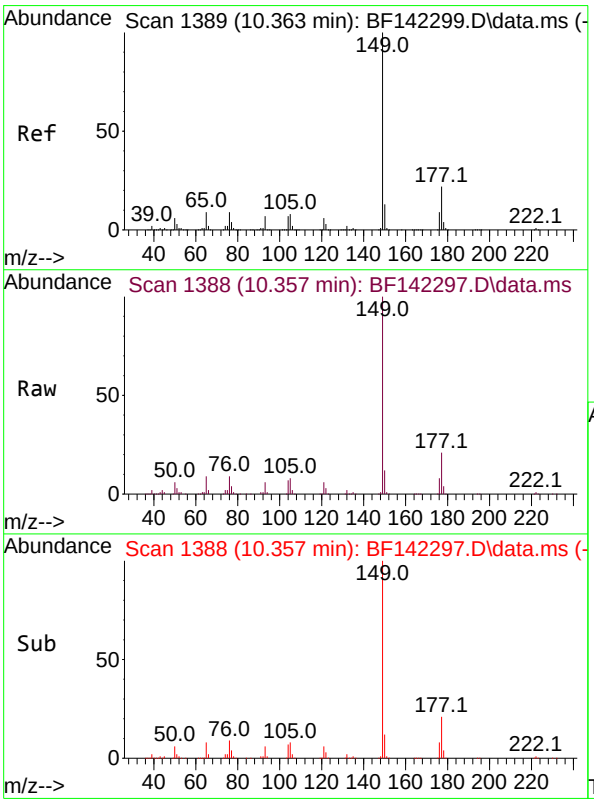
Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.0	54.0
130	2.2	1.8	2.6
166	30.0	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

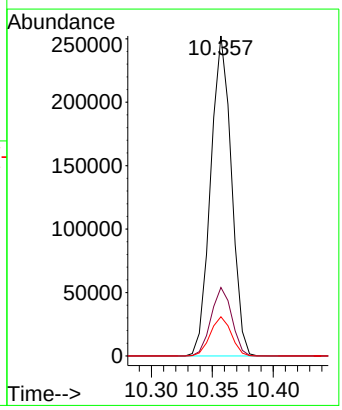
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

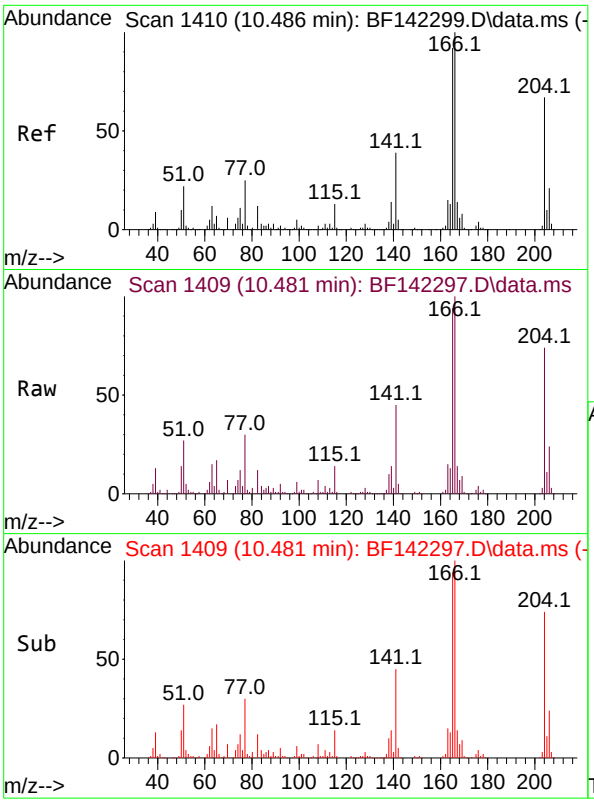


#60
Diethylphthalate
Concen: 10.329 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

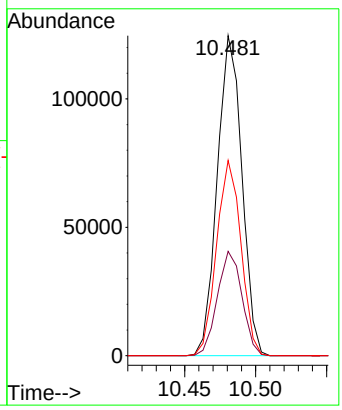




#61
4-Chlorophenyl-phenylether
Concen: 10.683 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:204 Resp: 15037

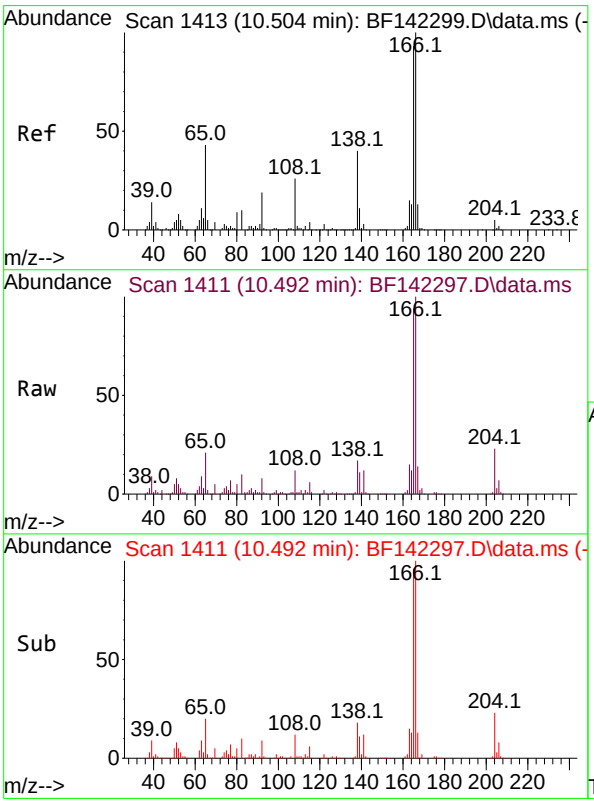
Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.5	38.3
141	61.0	46.4	69.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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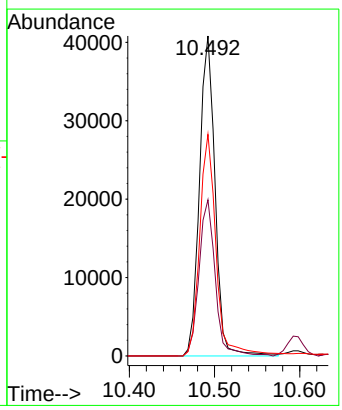
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

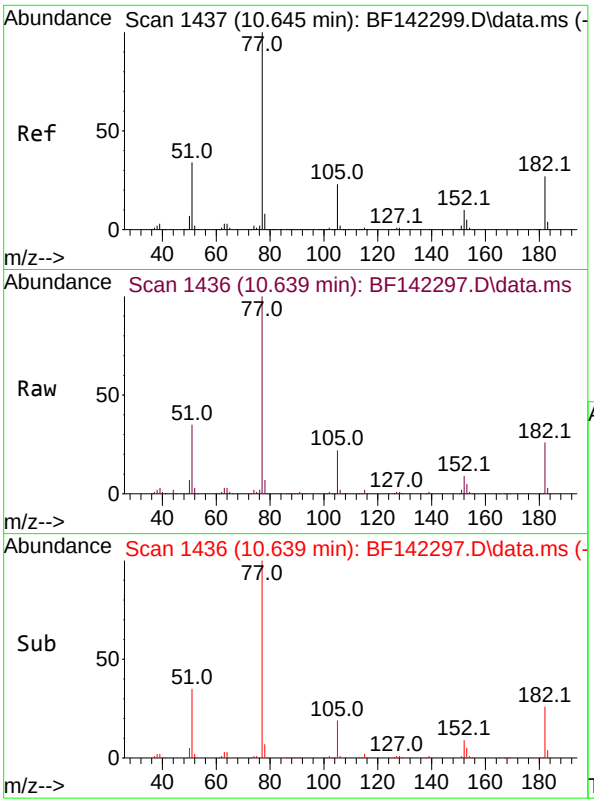


#62
4-Nitroaniline
Concen: 10.274 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

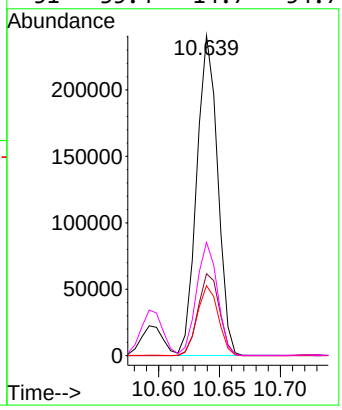




#63
Azobenzene
Concen: 10.372 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 77 Resp: 28706

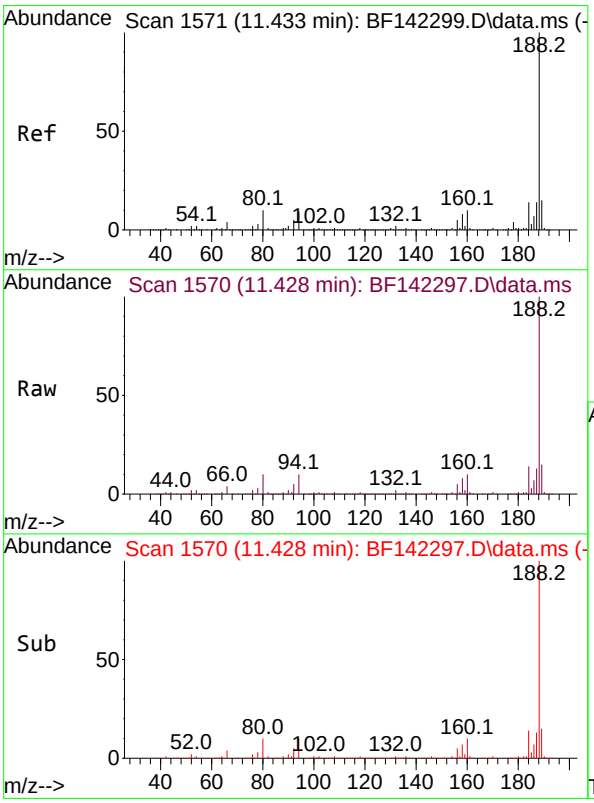
Ion	Ratio	Lower	Upper
77	100		
182	25.6	6.9	46.9
105	21.9	2.7	42.7
51	35.4	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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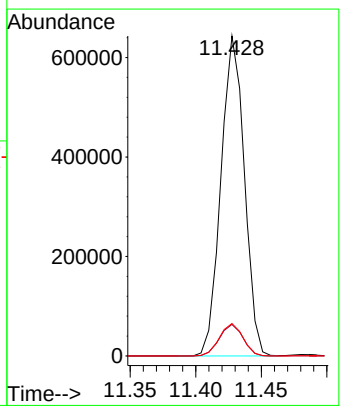
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

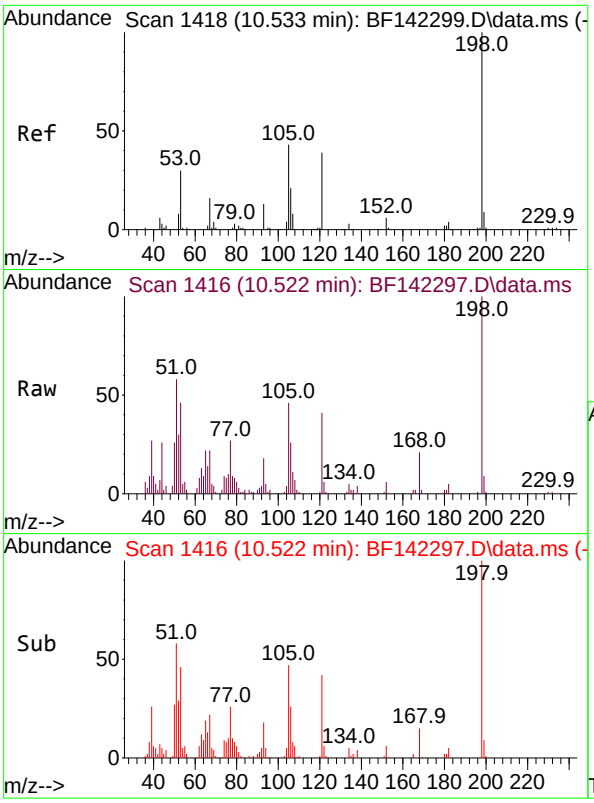


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

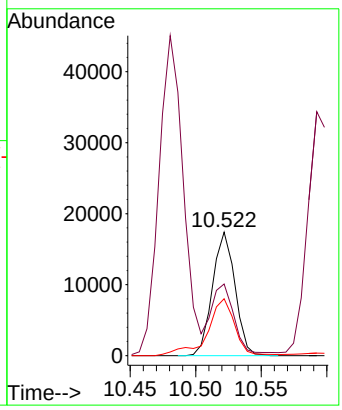
Tgt Ion:198 Resp: 2077

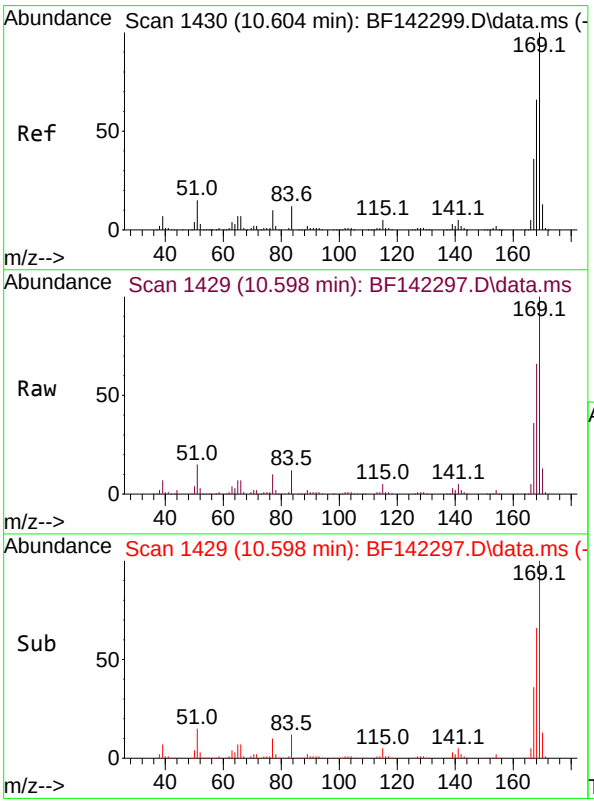
Ion	Ratio	Lower	Upper
198	100		
51	58.1	32.9	72.9
105	46.1	23.7	63.7

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

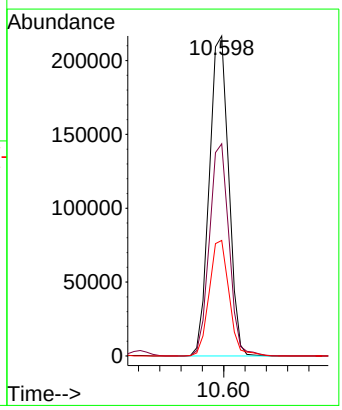


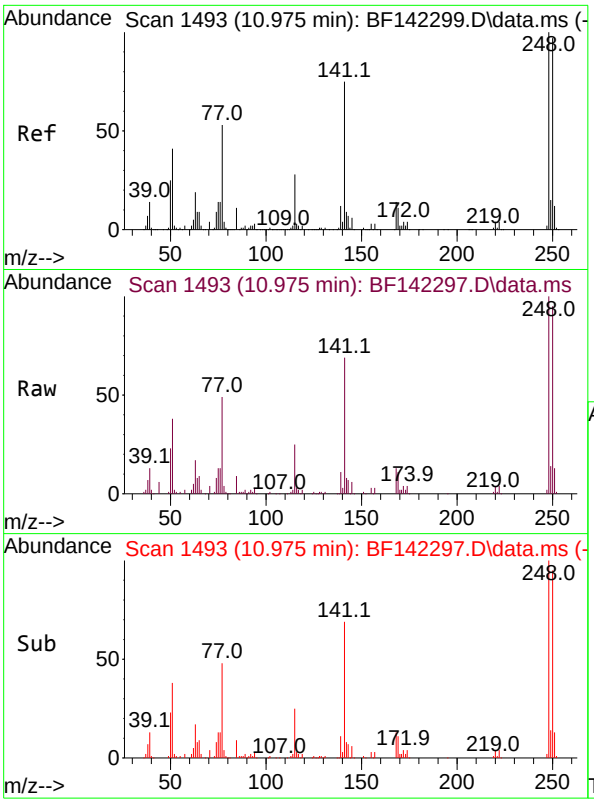


#66
n-Nitrosodiphenylamine
Concen: 10.268 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

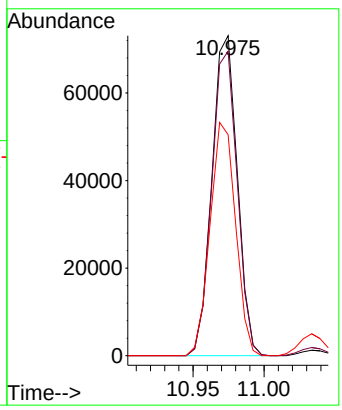
Tgt Ion:248 Resp: 9066

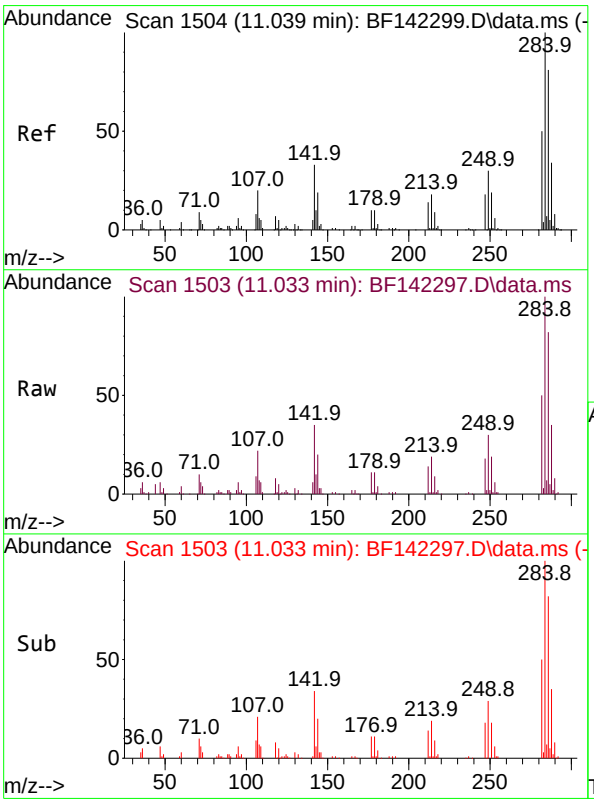
Ion	Ratio	Lower	Upper
248	100		
250	95.2	77.9	116.9
141	69.0	59.8	89.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

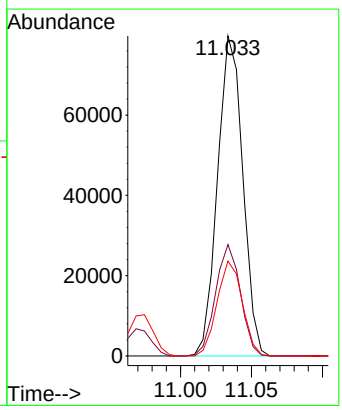


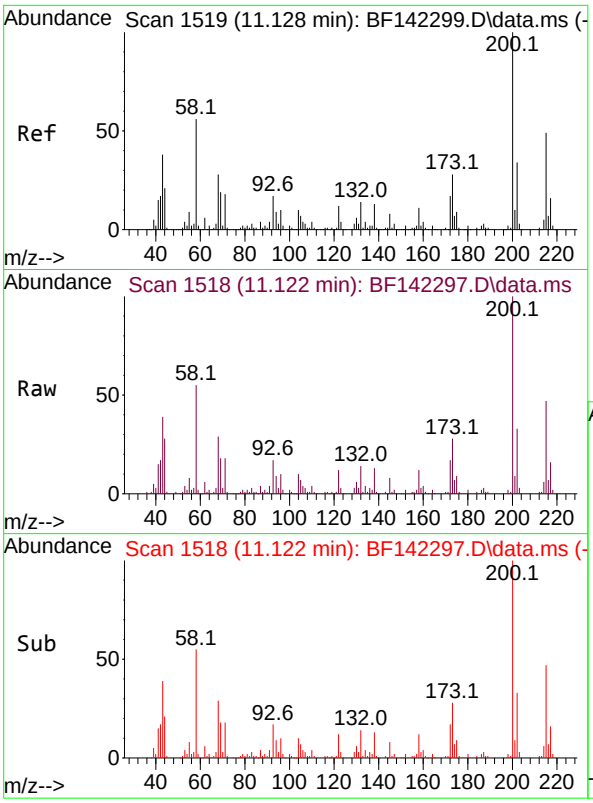


#68
Hexachlorobenzene
Concen: 9.876 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

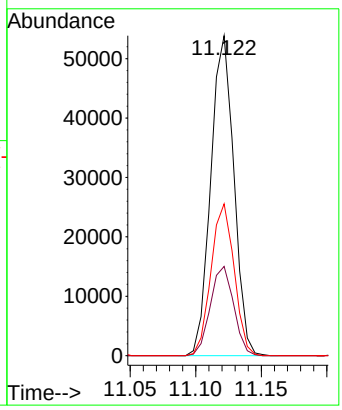




#69
Atrazine
Concen: 9.400 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:200 Resp: 6591

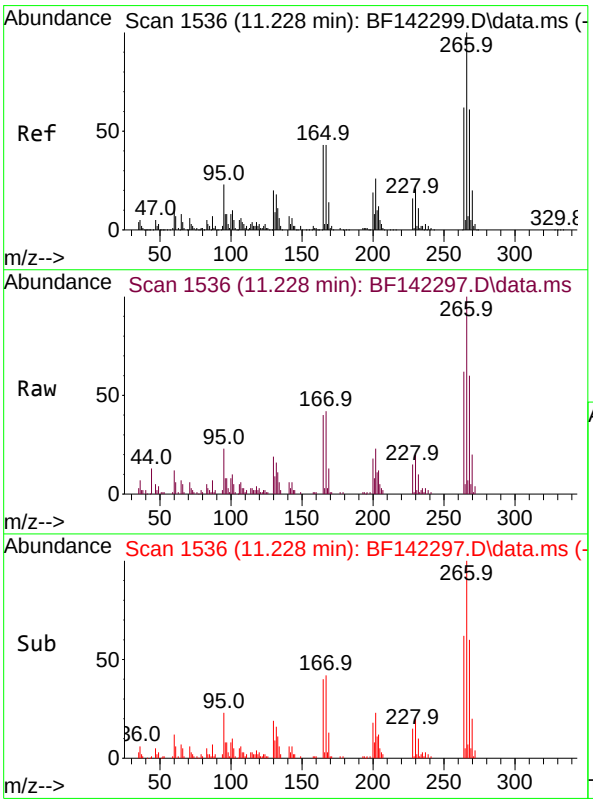
Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.1	48.1
215	47.5	28.8	68.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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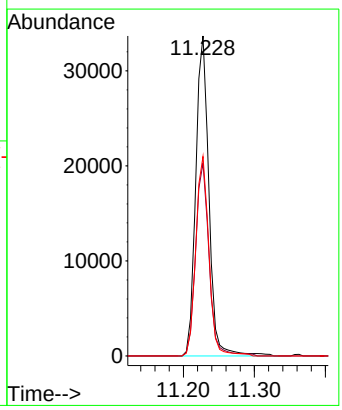
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

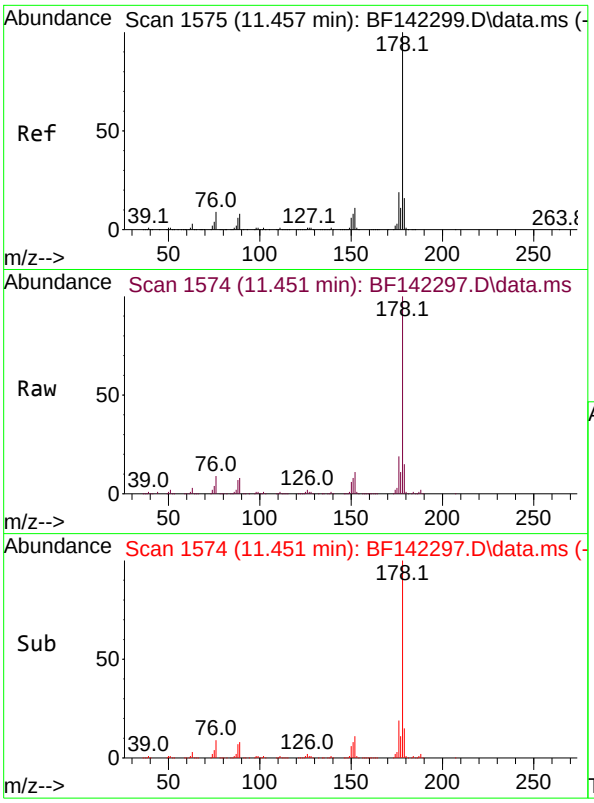


#70
Pentachlorophenol
Concen: 8.302 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

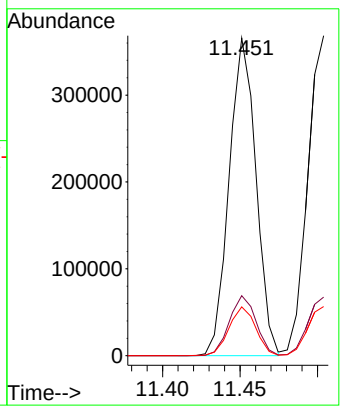




#71
Phenanthrene
Concen: 10.512 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:178 Resp: 44050

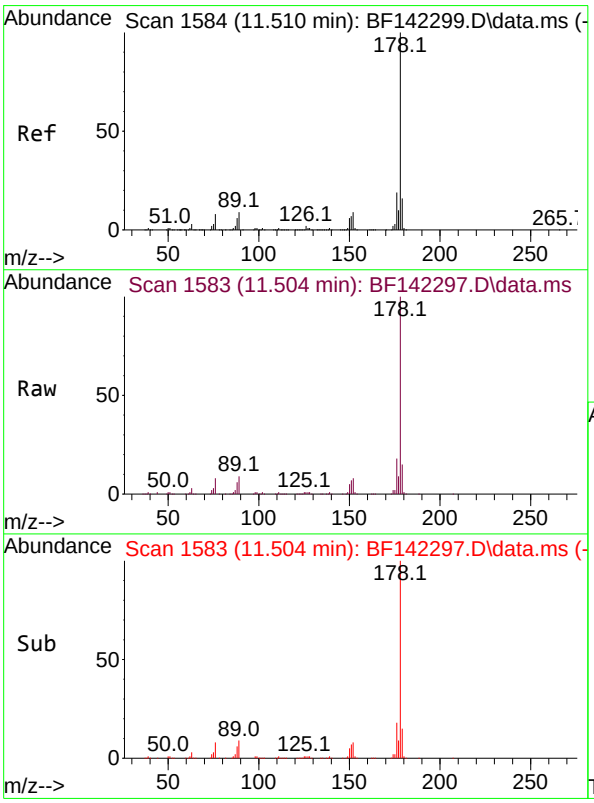
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.4	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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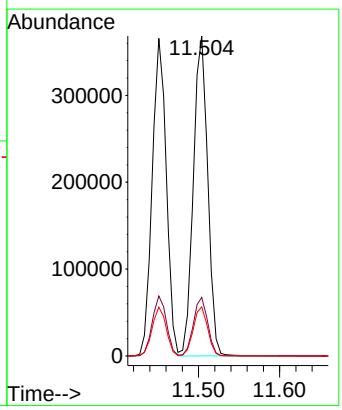
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

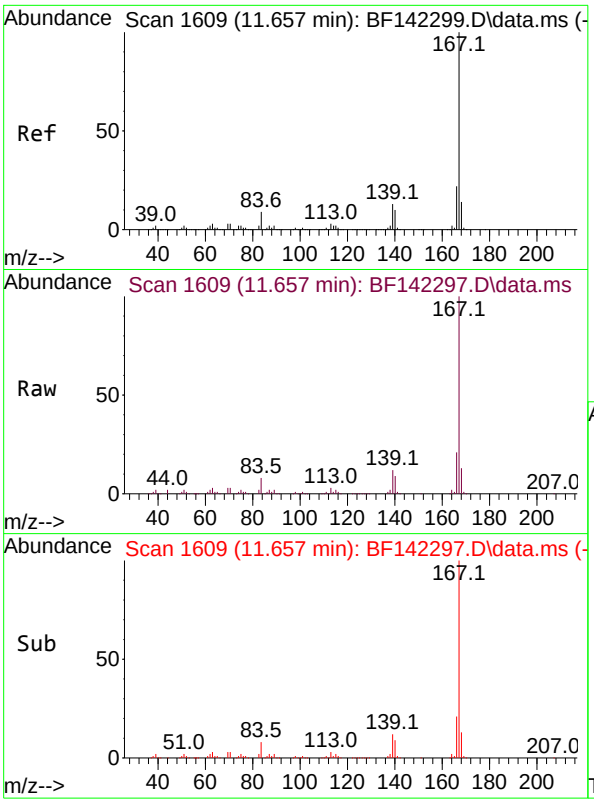


#72
Anthracene
Concen: 10.545 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

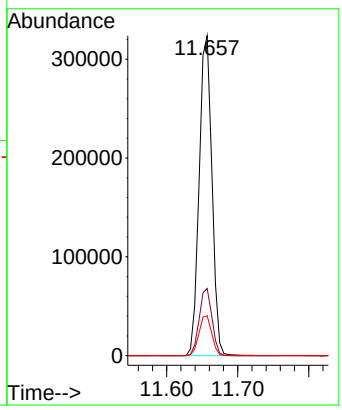




#73
Carbazole
Concen: 10.511 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:167 Resp: 40600

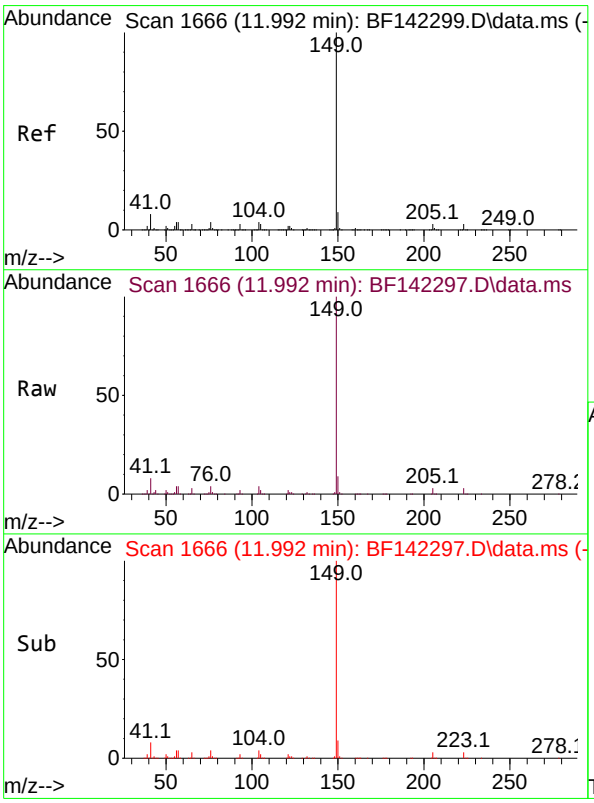
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.5	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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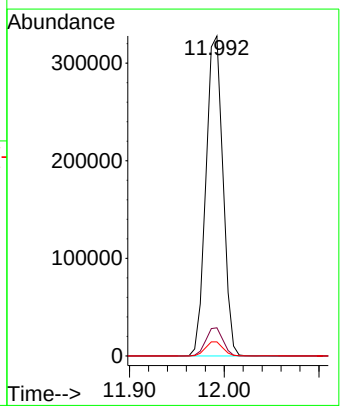
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

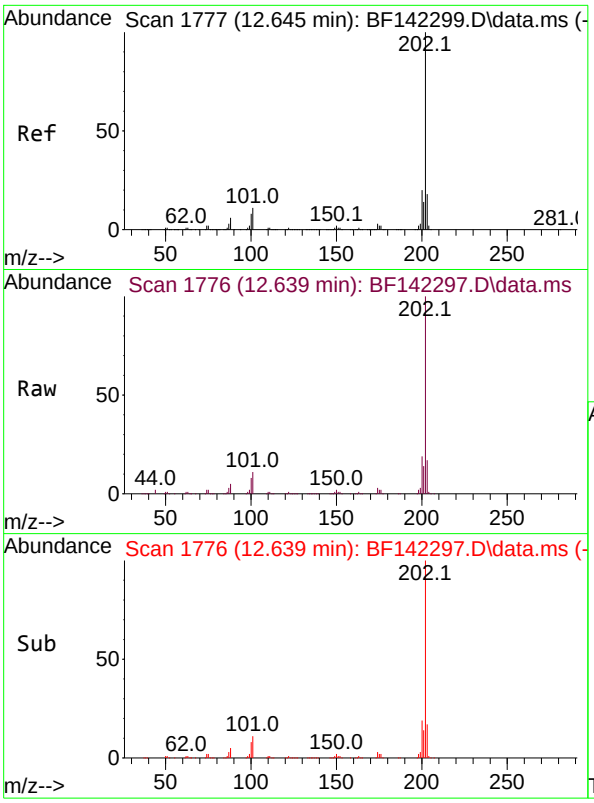


#74
Di-n-butylphthalate
Concen: 10.060 ng
RT: 11.992 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

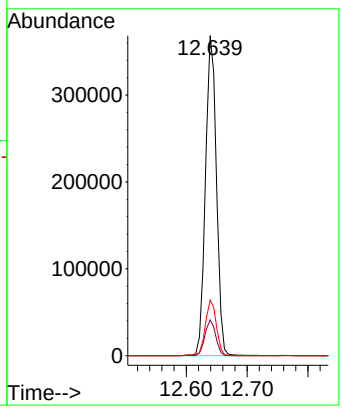
Tgt Ion:202 Resp: 46121

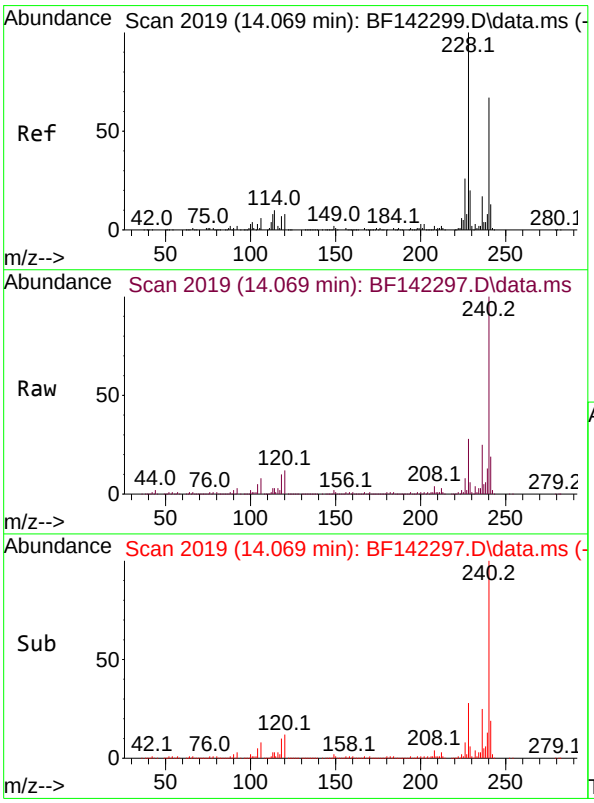
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.4
203	17.4	0.0	37.9

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

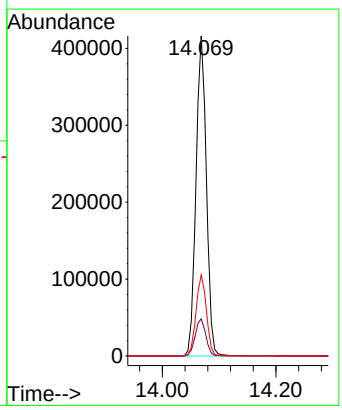


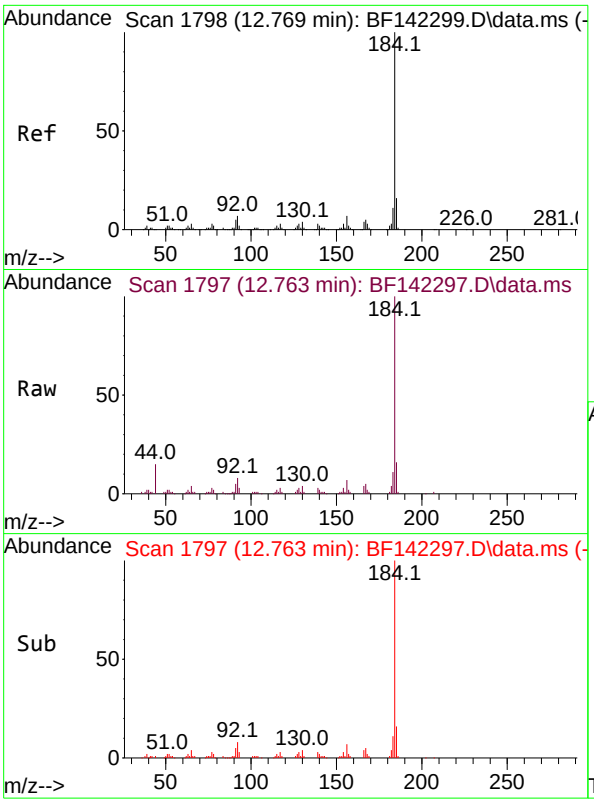


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

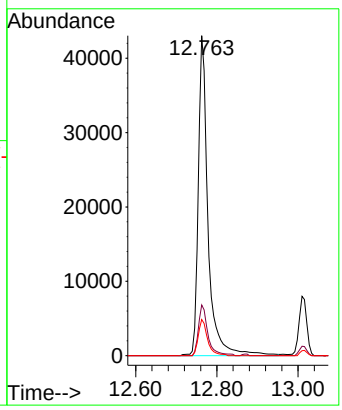




#77
Benzidine
Concen: 7.482 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:184 Resp: 7232

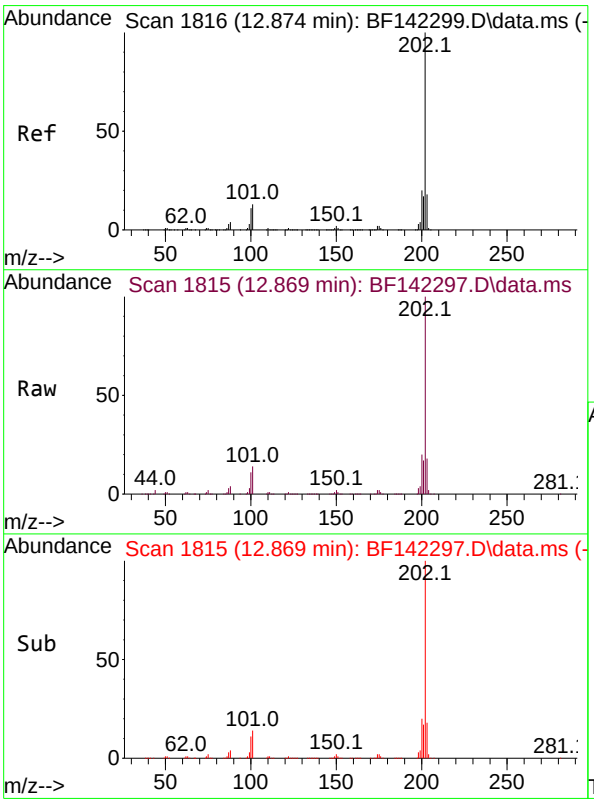
Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.6	18.8
183	11.3	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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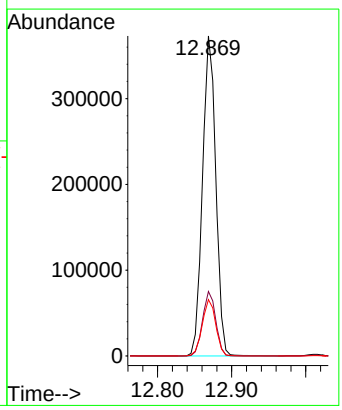
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

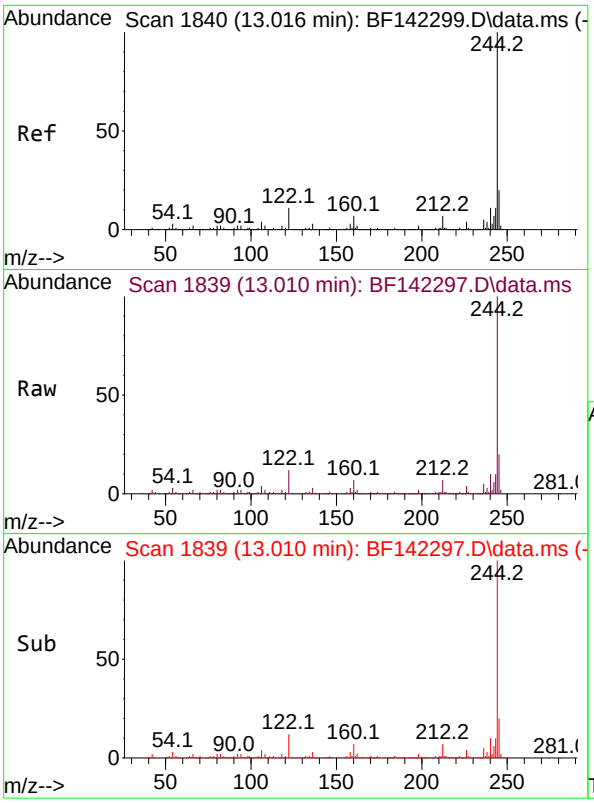


#78
Pyrene
Concen: 9.819 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

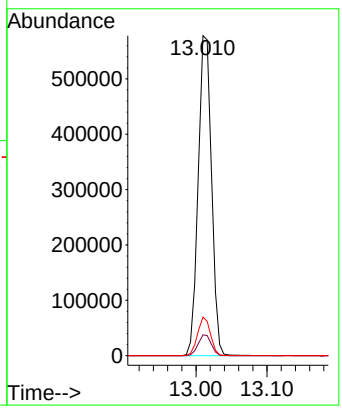




#79
Terphenyl-d14
Concen: 21.070 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:244 Resp: 75721

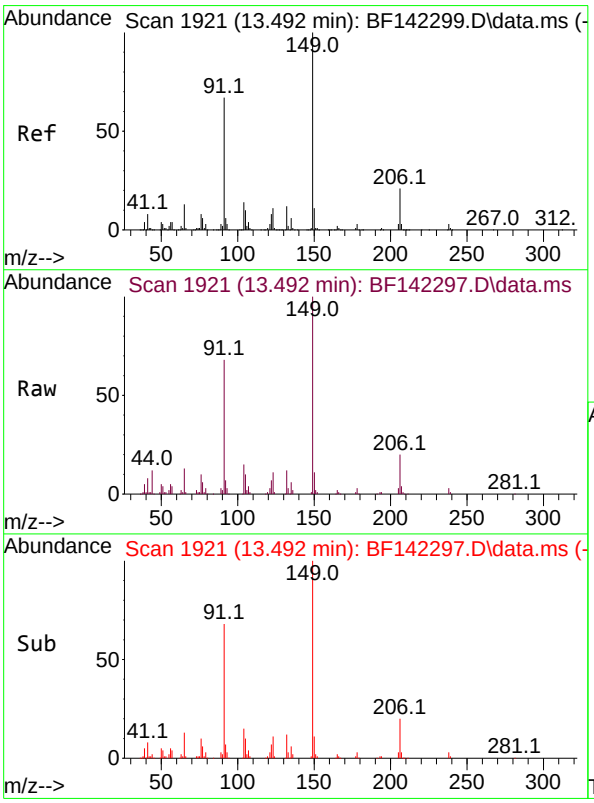
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	12.1	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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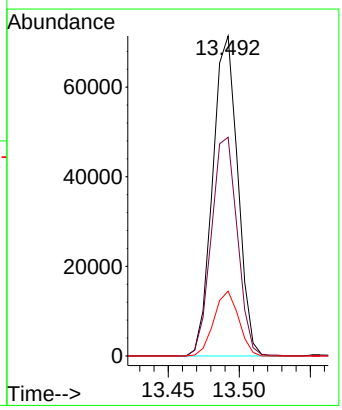
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

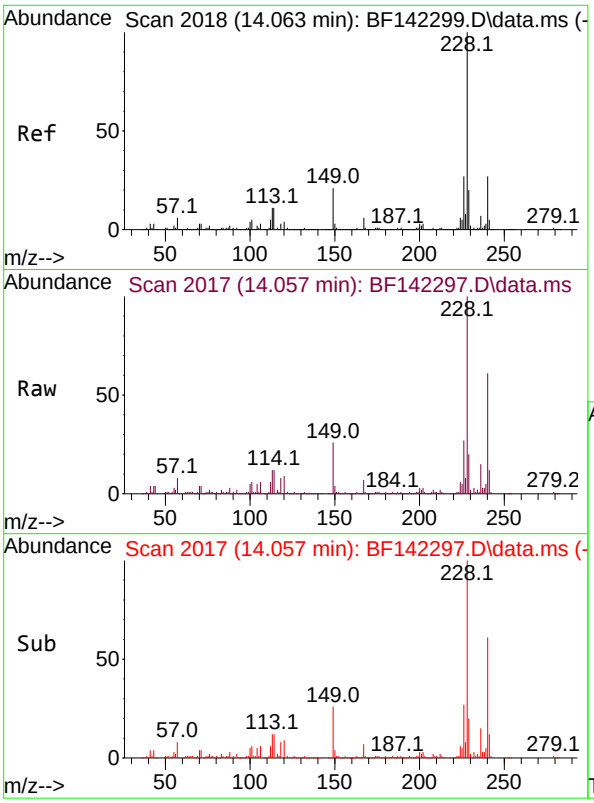


#80
Butylbenzylphthalate
Concen: 9.527 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

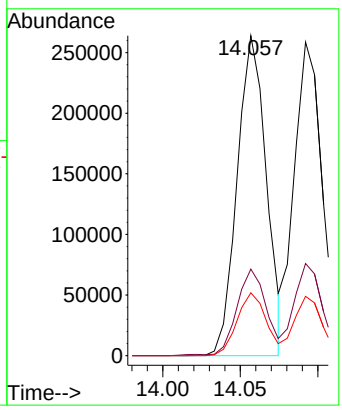




#81
Benzo(a)anthracene
Concen: 10.033 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:228 Resp: 34560

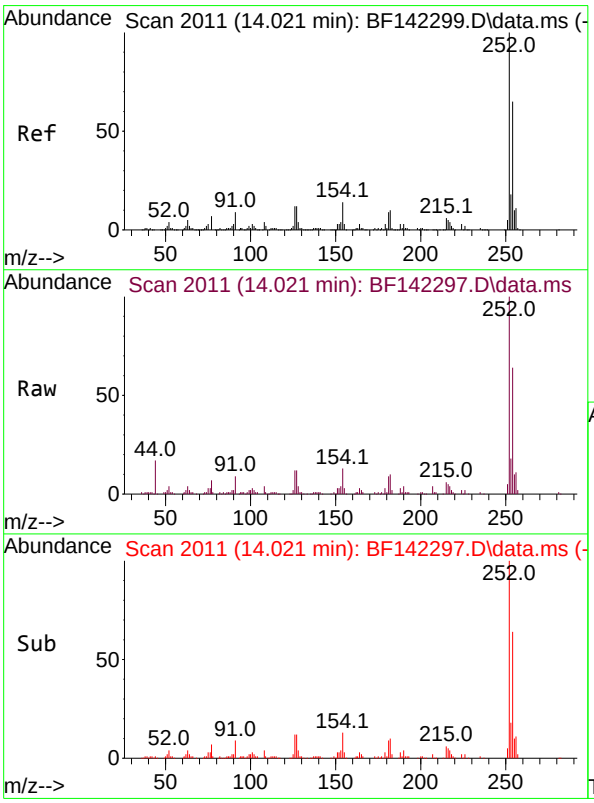
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	19.6	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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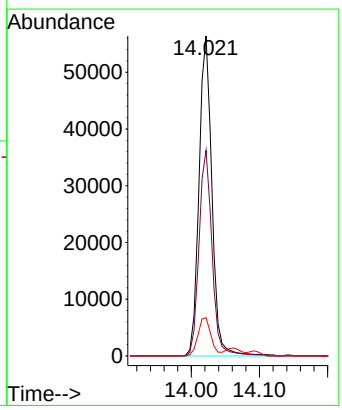
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

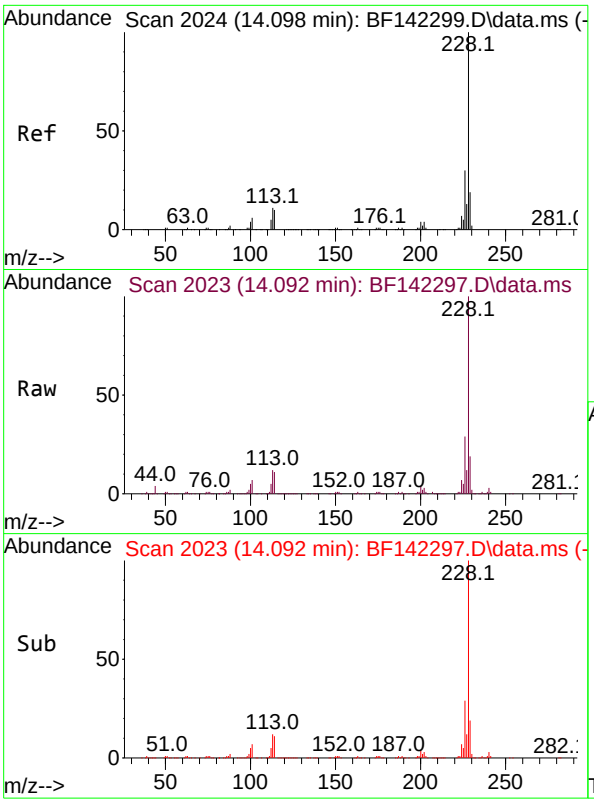


#82
3,3'-Dichlorobenzidine
Concen: 9.267 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

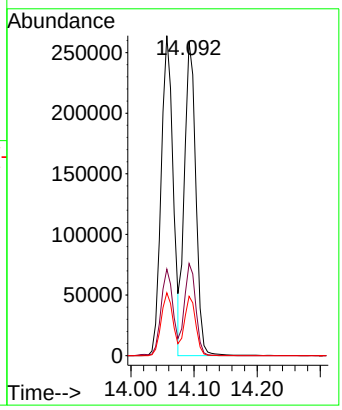




#83
Chrysene
Concen: 10.175 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:228 Resp: 32630(

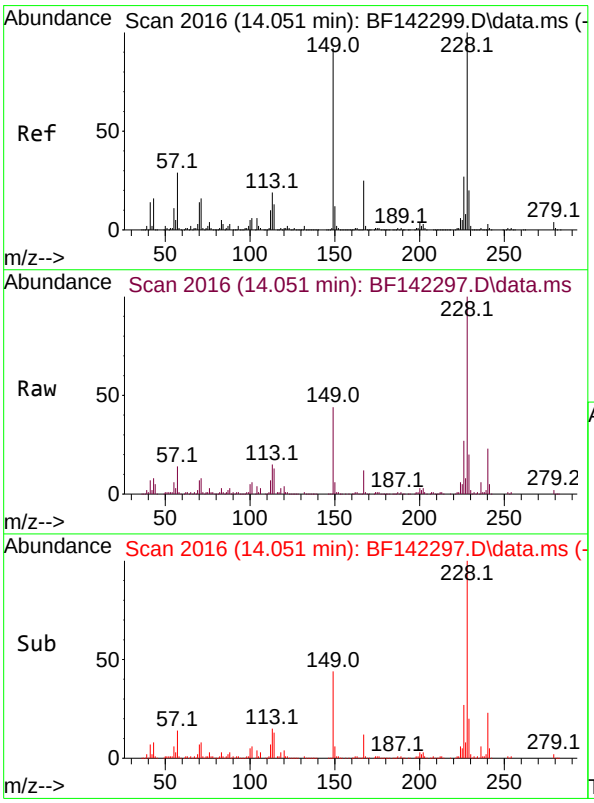
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.9	35.9
229	18.9	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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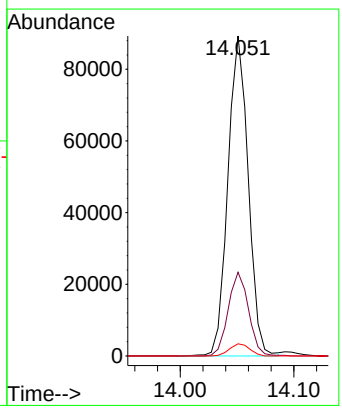
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

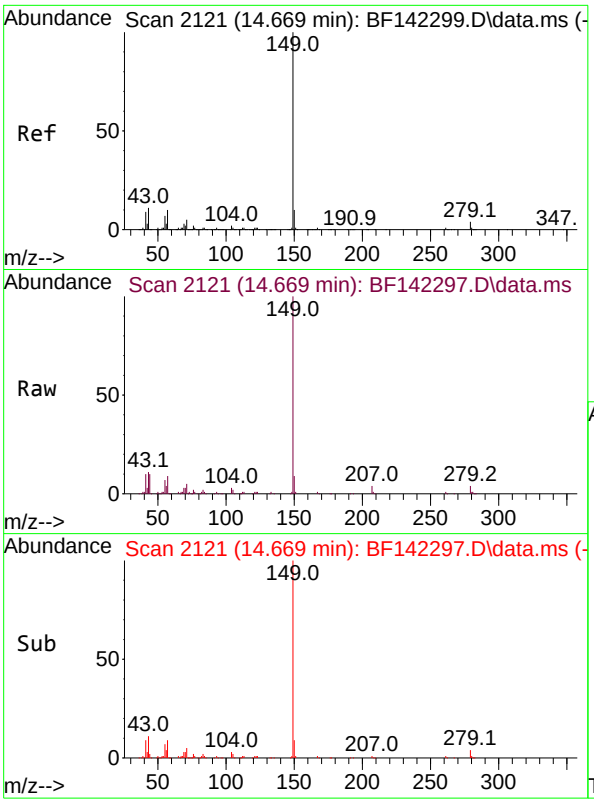


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.863 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

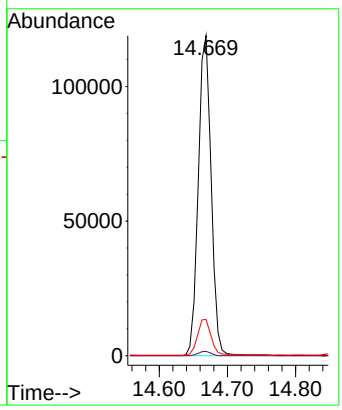




#85
Di-n-octyl phthalate
Concen: 11.860 ng
RT: 14.669 min Scan# 21
Delta R.T. -0.001 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:149 Resp: 15589

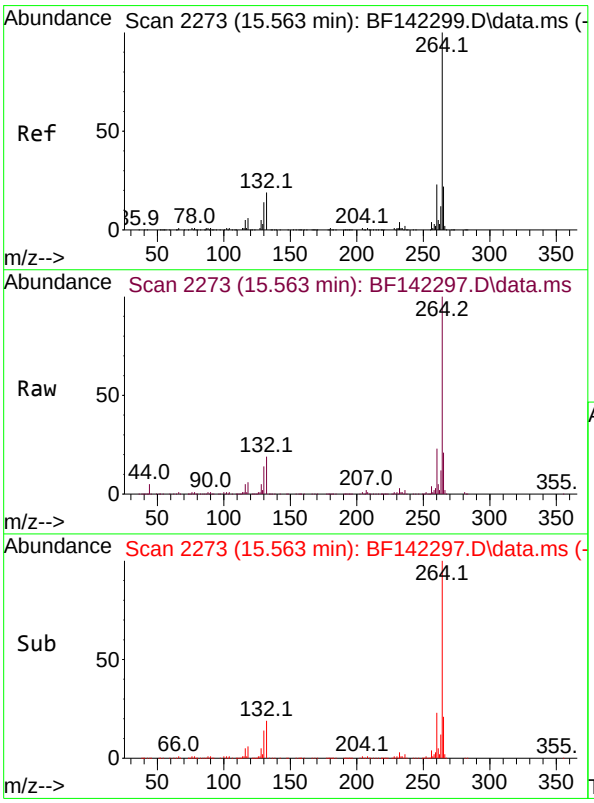
Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.1	1.7
43	11.9	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

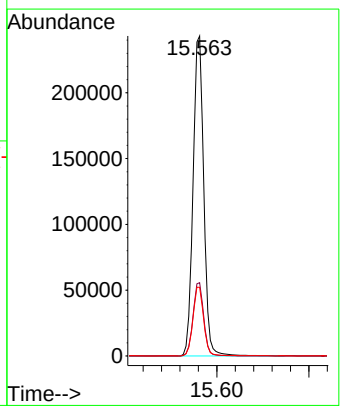
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

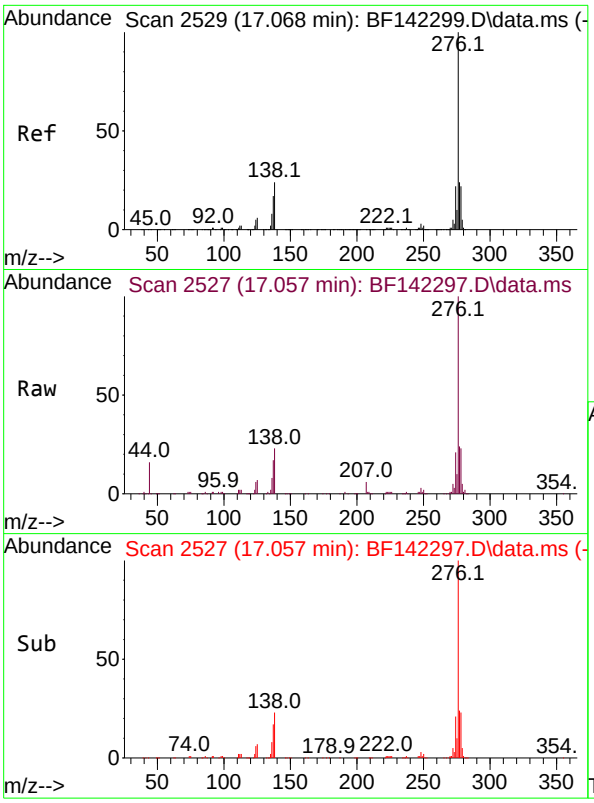


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

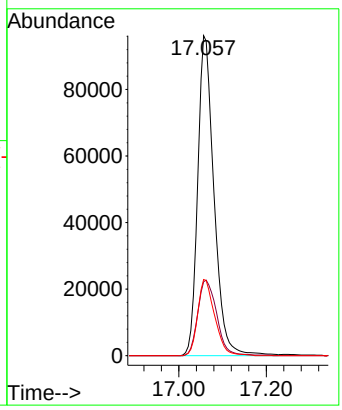




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.211 ng
RT: 17.057 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:276 Resp: 25007

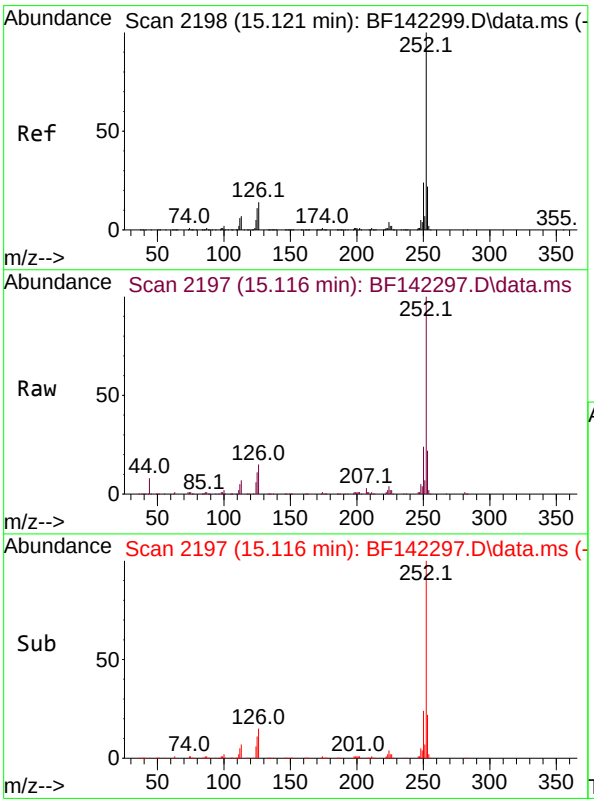
Ion	Ratio	Lower	Upper
276	100		
138	27.4	22.0	33.0
277	24.9	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

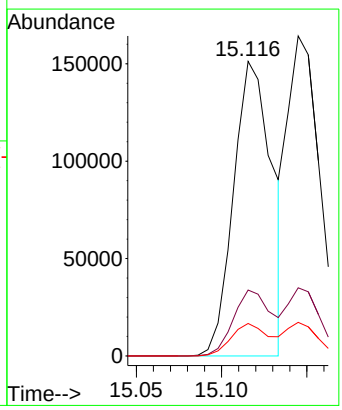
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

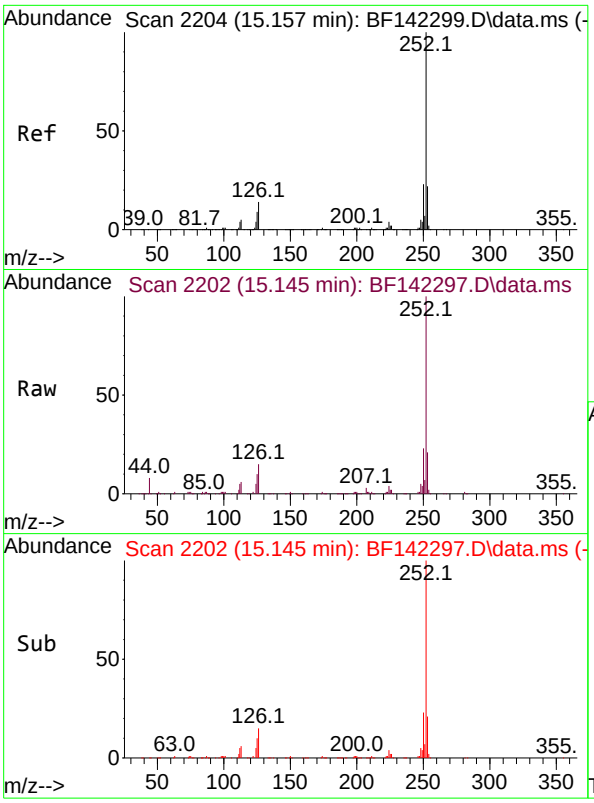


#88
Benzo(b)fluoranthene
Concen: 10.040 ng
RT: 15.116 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

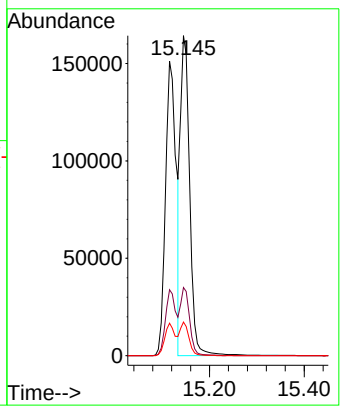




#89
Benzo(k)fluoranthene
Concen: 10.304 ng
RT: 15.145 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:252 Resp: 22289

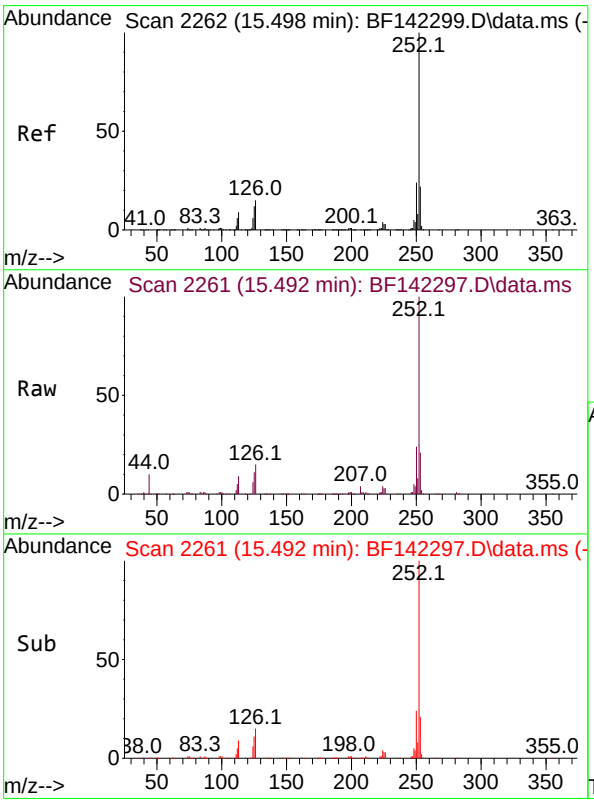
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	10.5	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

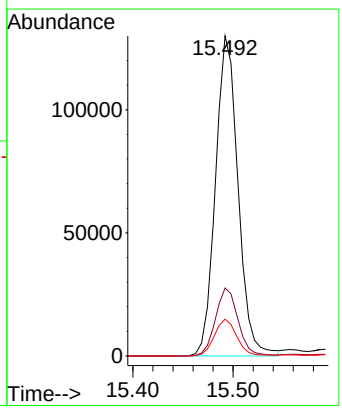
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

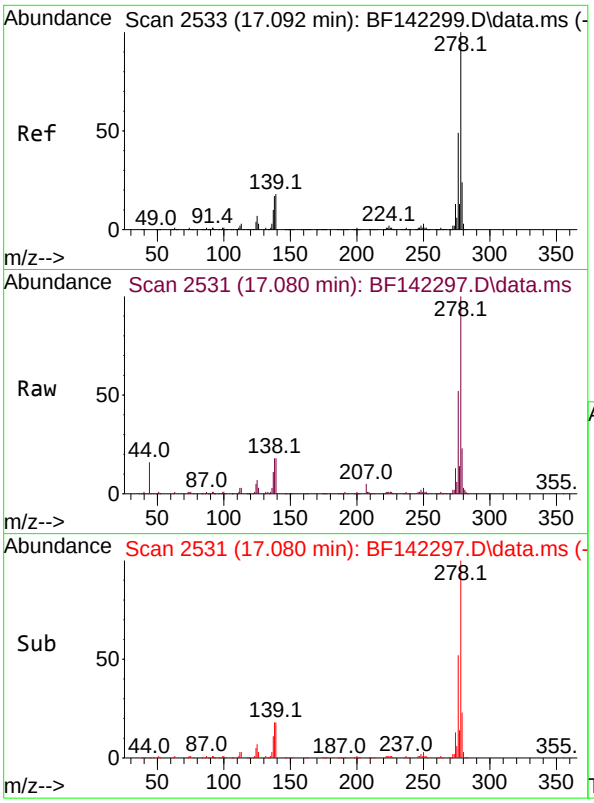


#90
Benzo(a)pyrene
Concen: 9.596 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

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

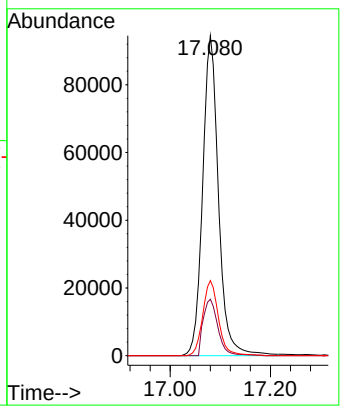




#91
Dibenzo(a,h)anthracene
Concen: 9.272 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:278 Resp: 20796

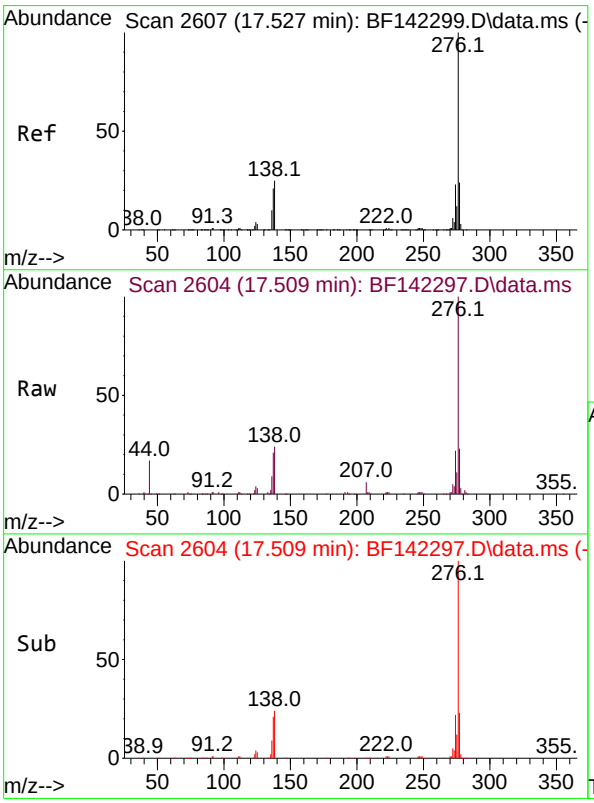
Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.5	21.7
279	23.4	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

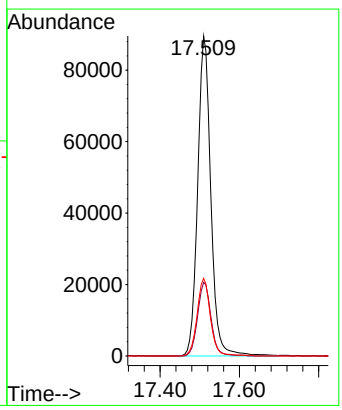
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#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

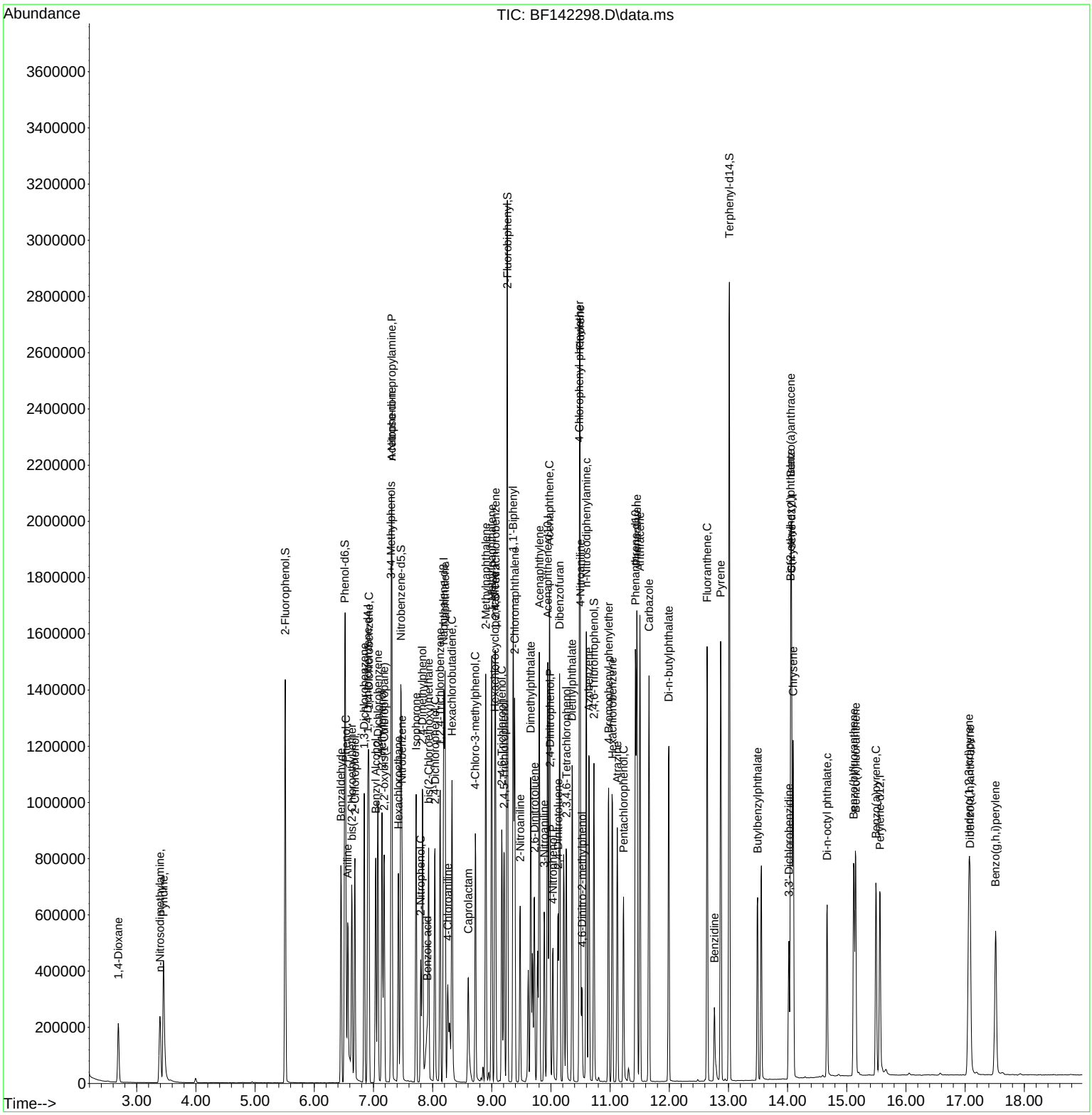
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Data File : BF142298.D
Acq On : 05 May 2025 15:21
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

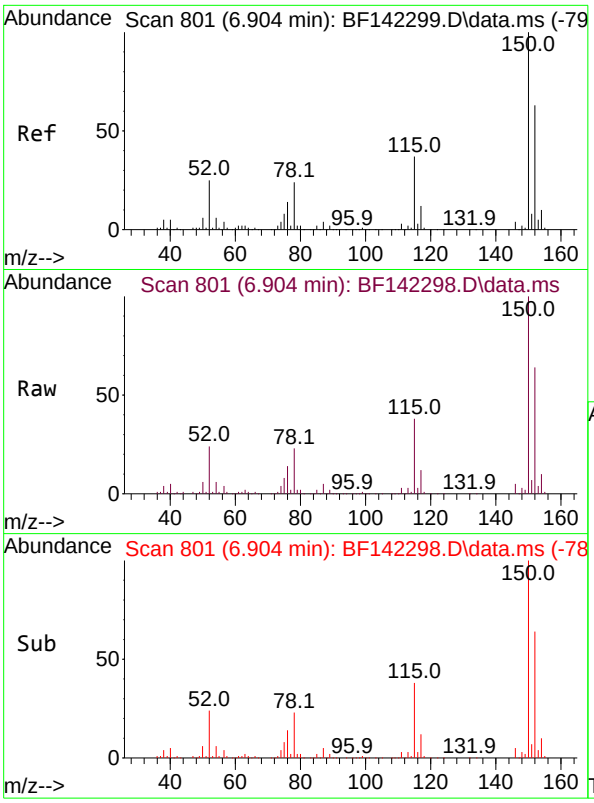
Quant Time: May 05 17:58:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

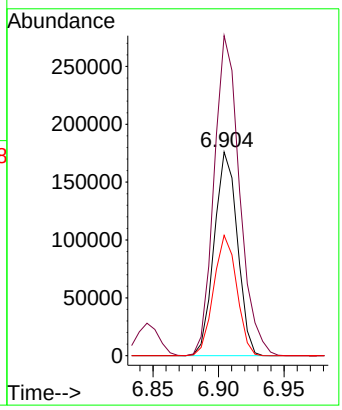




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:152 Resp: 21628(

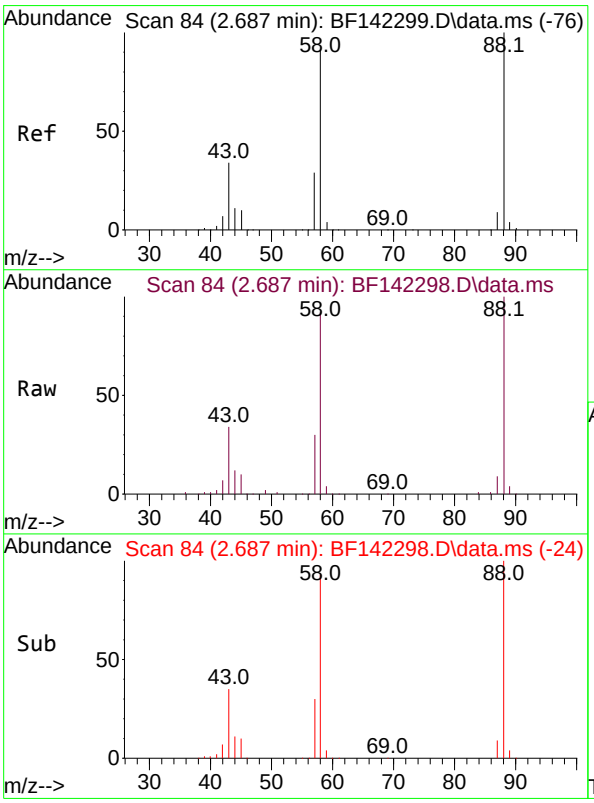
Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.6	190.0
115	59.1	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

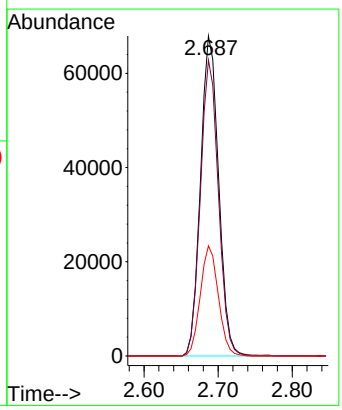
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

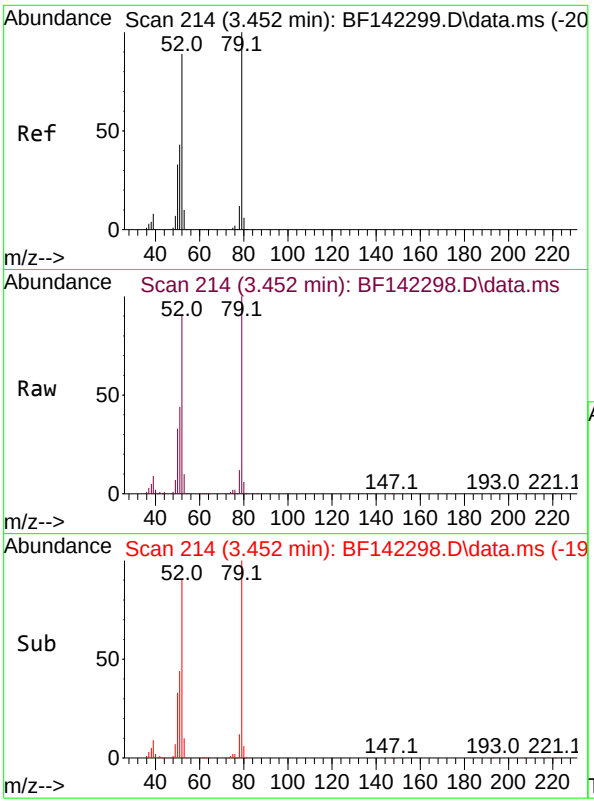


#2
1,4-Dioxane
Concen: 20.274 ng
RT: 2.687 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

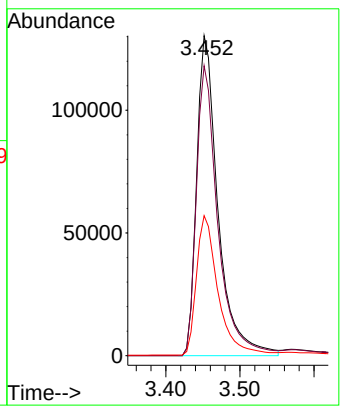




#3
Pyridine
Concen: 19.504 ng
RT: 3.452 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 79 Resp: 26166

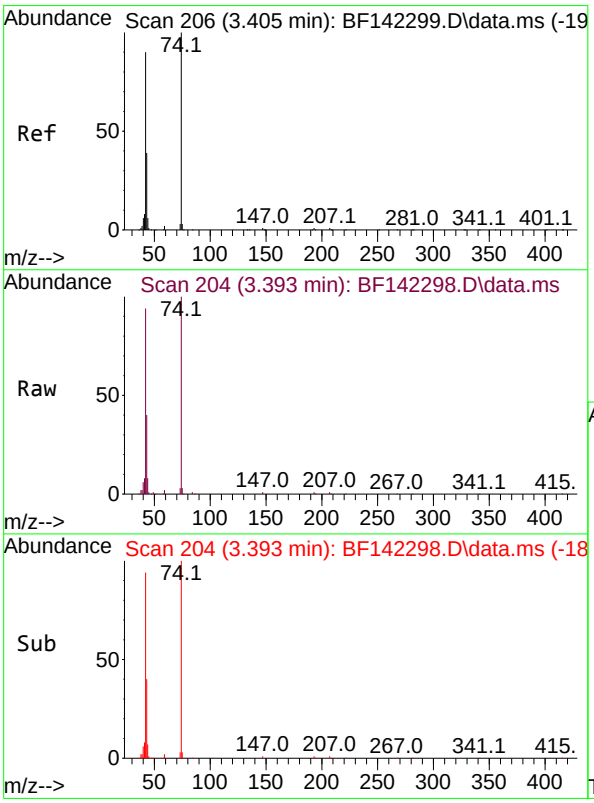
Ion	Ratio	Lower	Upper
79	100		
52	90.6	71.0	106.4
51	43.7	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

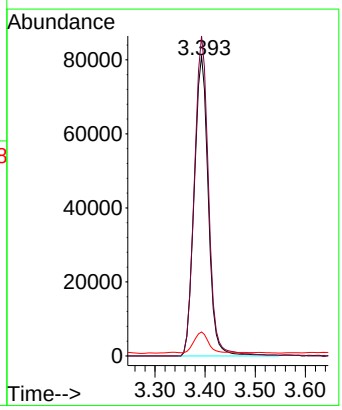
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

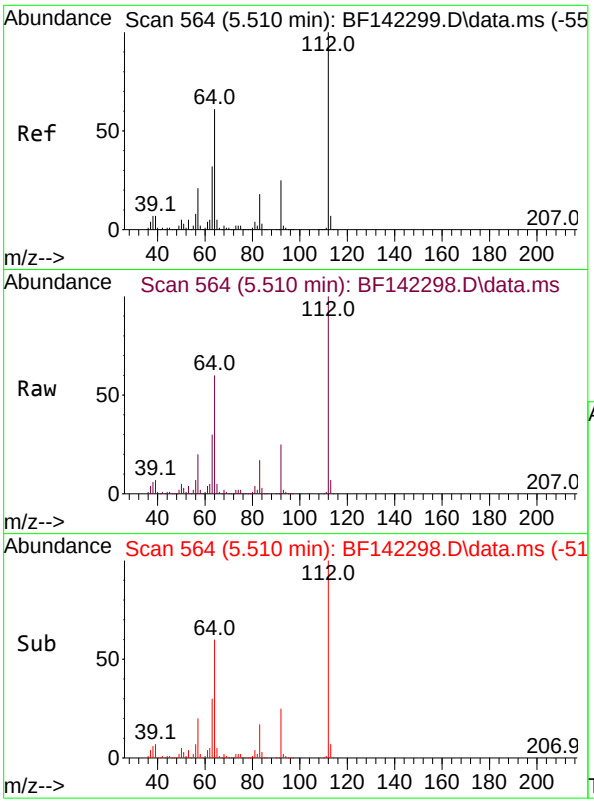


#4
n-Nitrosodimethylamine
Concen: 20.240 ng
RT: 3.393 min Scan# 204
Delta R.T. -0.012 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

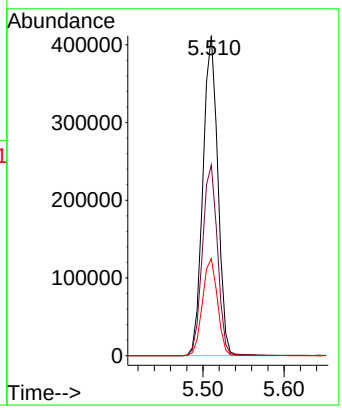
Tgt Ion:112 Resp: 52400

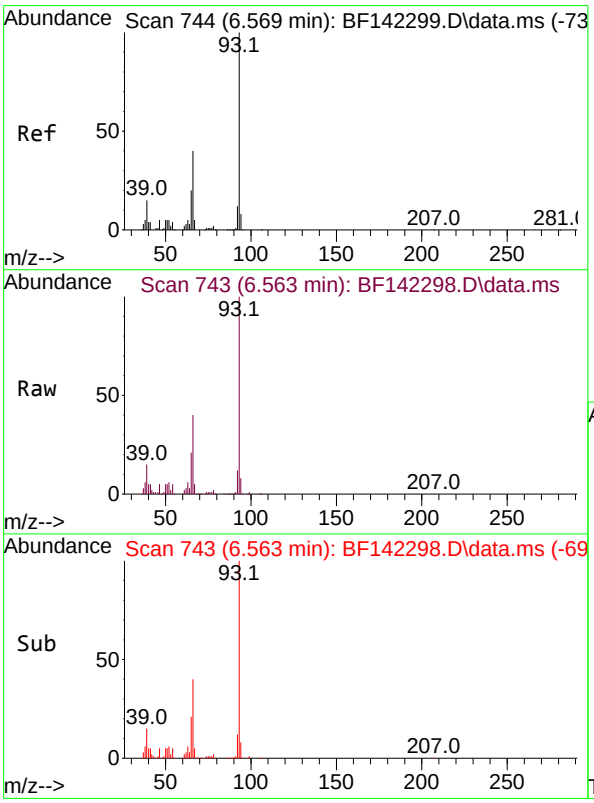
Ion	Ratio	Lower	Upper
112	100		
64	59.6	48.9	73.3
63	30.4	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

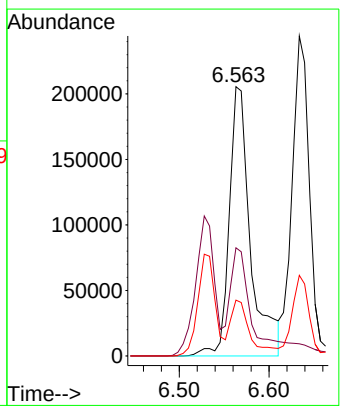


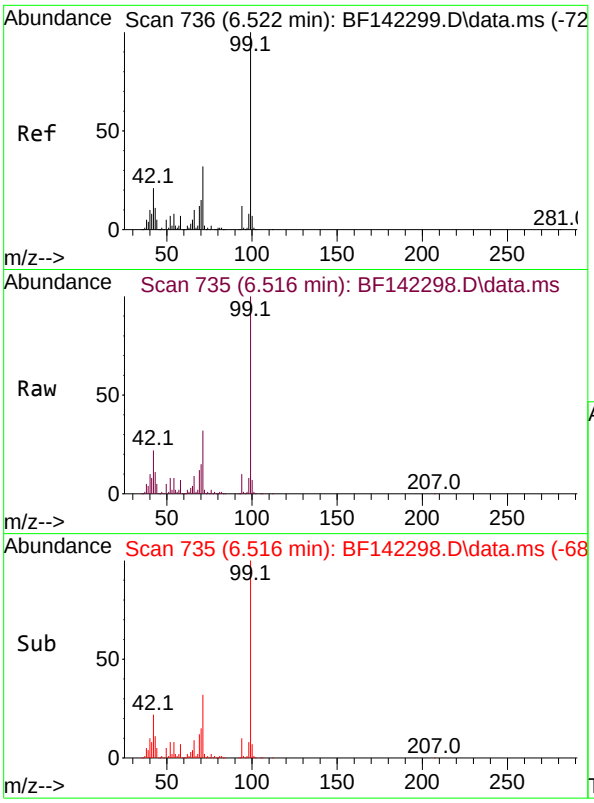


#6
Aniline
Concen: 22.194 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

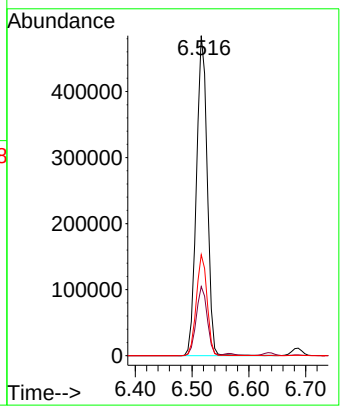




#7
Phenol-d6
Concen: 41.341 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 99 Resp: 64422

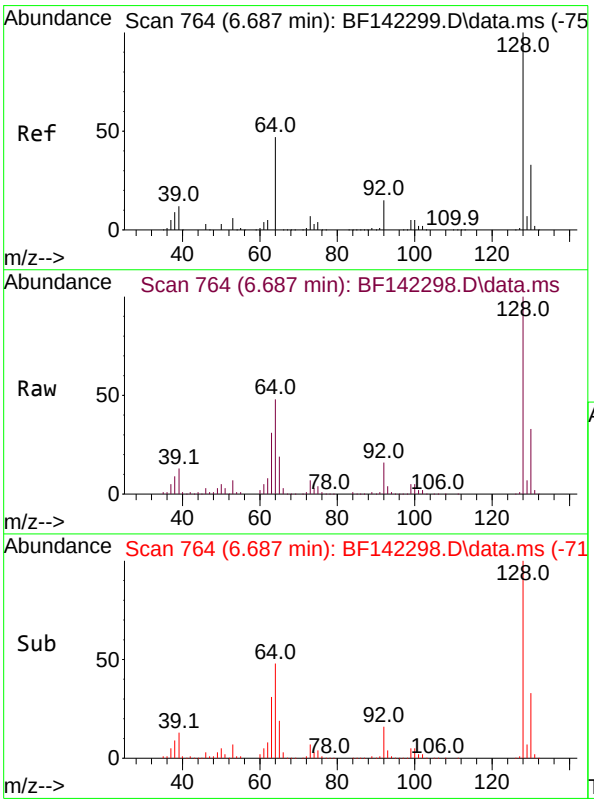
Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.0	25.4
71	31.6	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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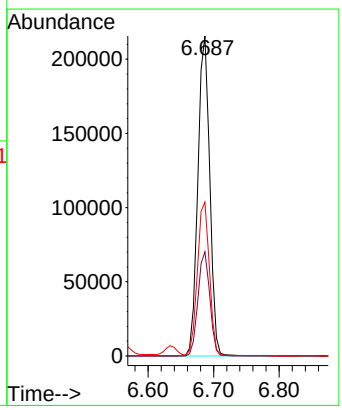
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

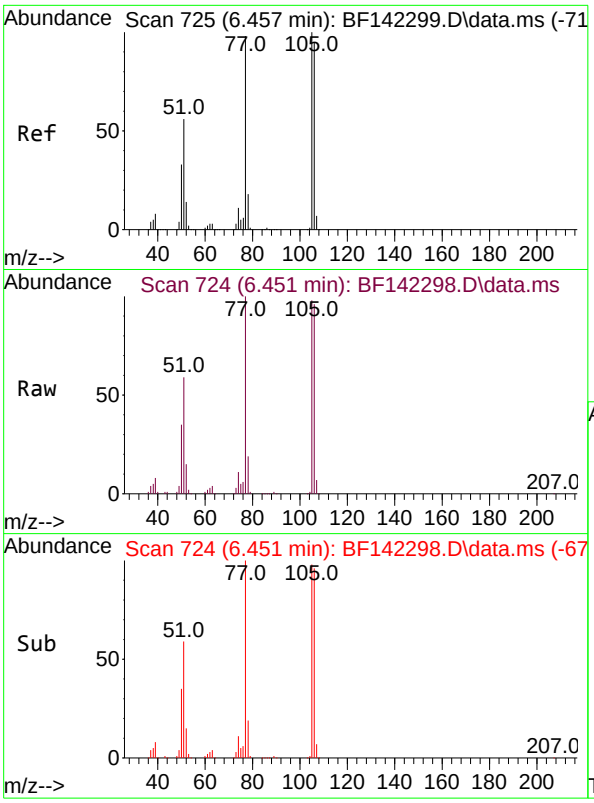


#8
2-Chlorophenol
Concen: 20.174 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

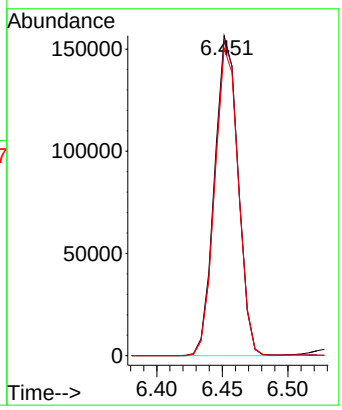




#9
Benzaldehyde
Concen: 21.418 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 77 Resp: 19534

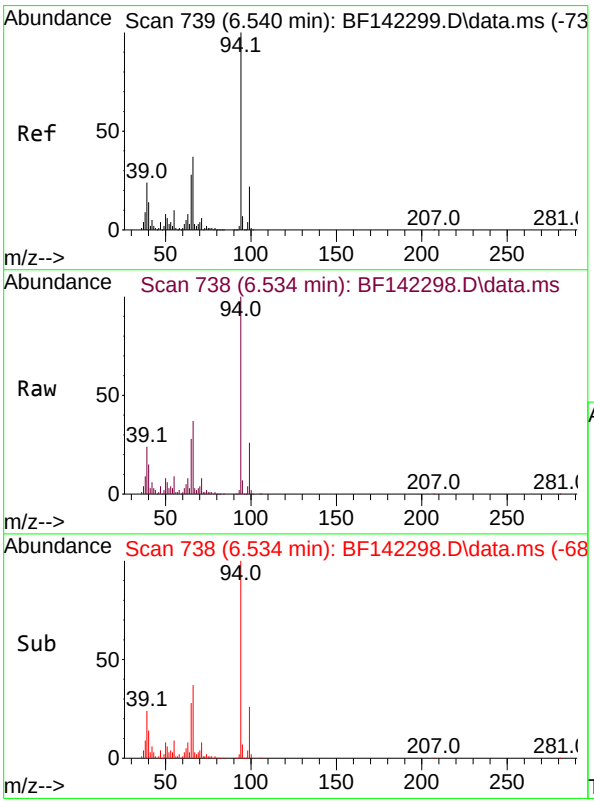
Ion	Ratio	Lower	Upper
77	100		
105	98.4	82.0	122.0
106	96.1	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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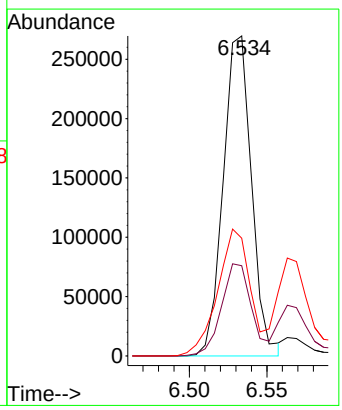
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

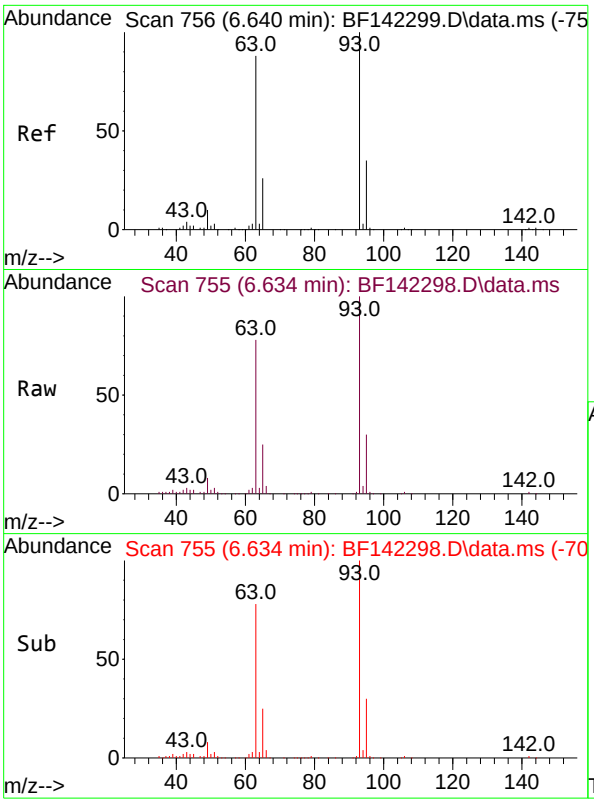


#10
Phenol
Concen: 20.739 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

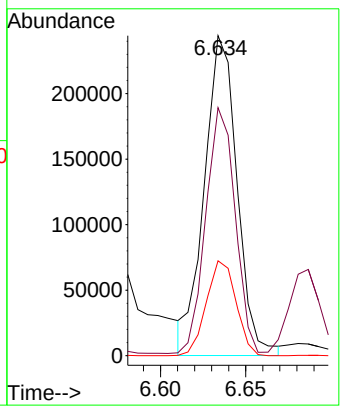




#11
bis(2-Chloroethyl)ether
Concen: 20.046 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 93 Resp: 32653

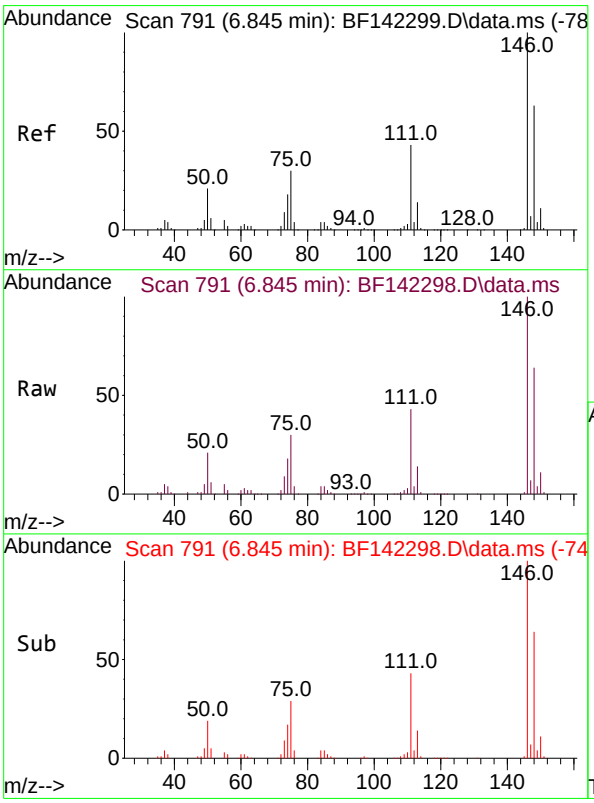
Ion	Ratio	Lower	Upper
93	100		
63	77.5	58.4	98.4
95	29.7	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

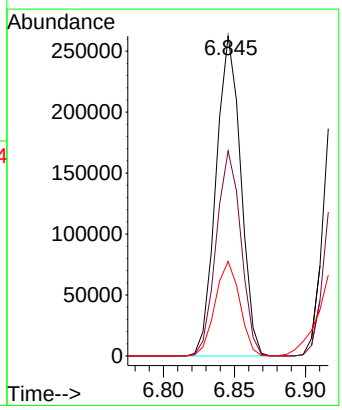
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

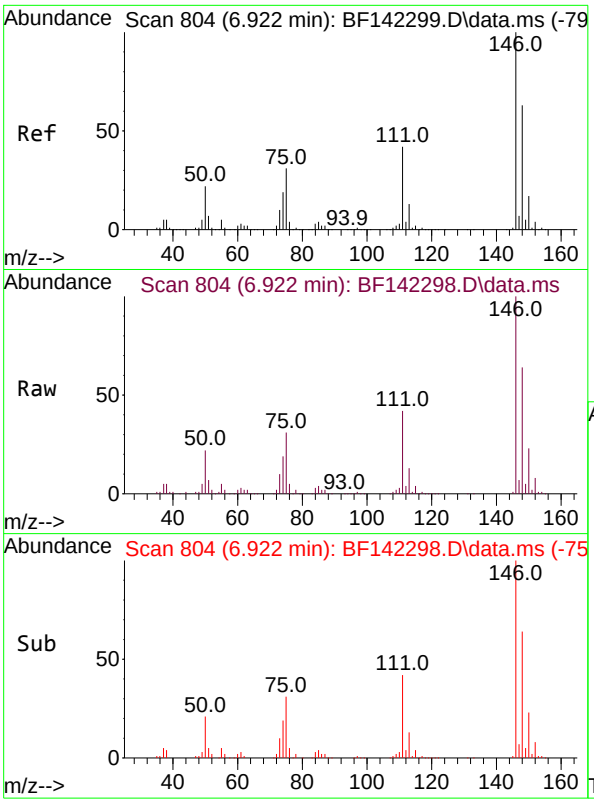


#12
1,3-Dichlorobenzene
Concen: 20.472 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

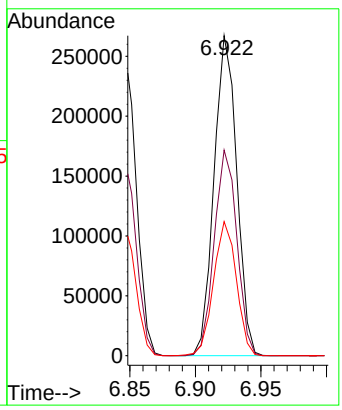




#13
1,4-Dichlorobenzene
Concen: 20.669 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:146 Resp: 32144

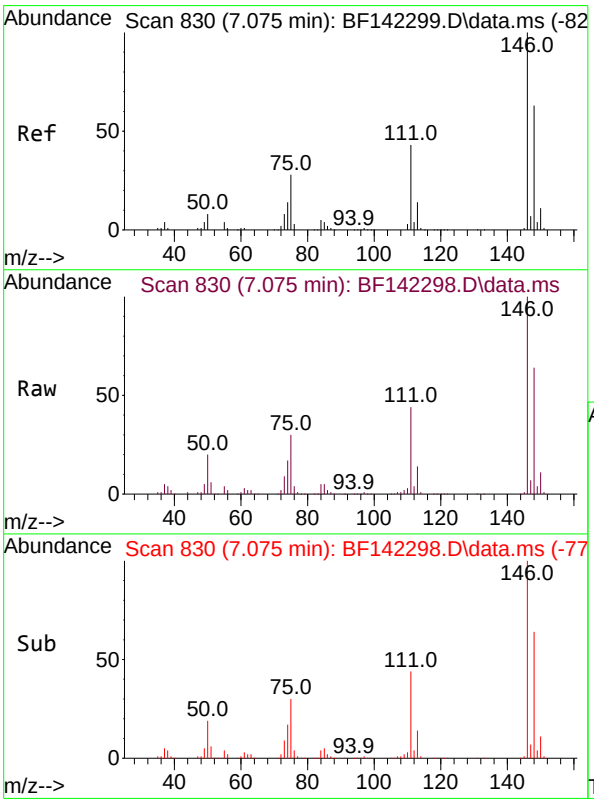
Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.5	75.7
111	41.9	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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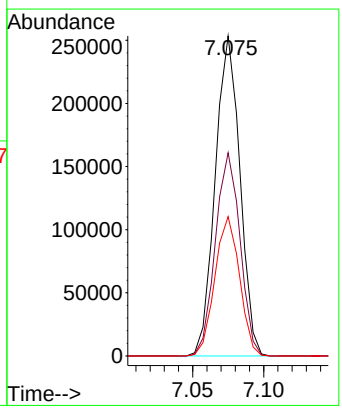
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

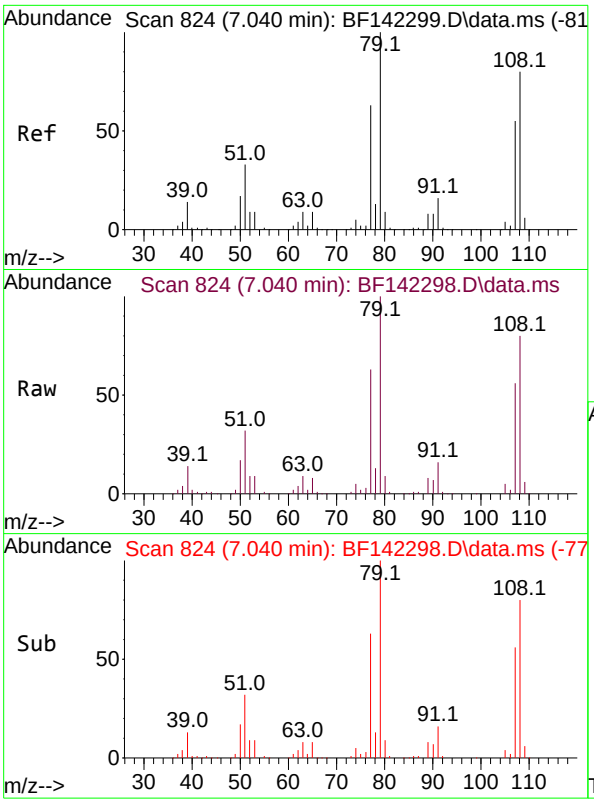


#14
1,2-Dichlorobenzene
Concen: 20.500 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

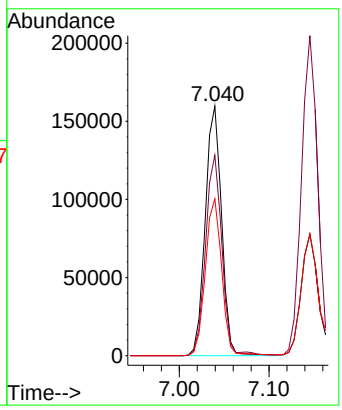




#15
Benzyl Alcohol
Concen: 19.996 ng
RT: 7.040 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 79 Resp: 20176

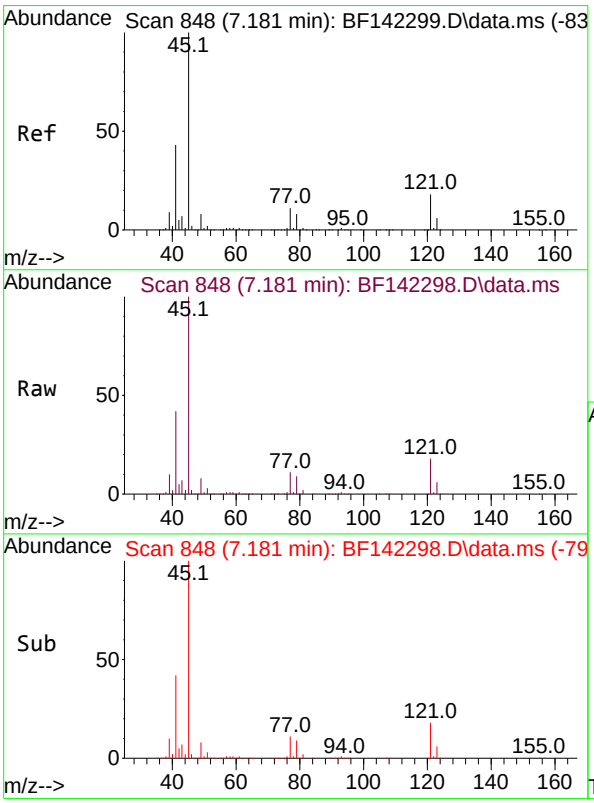
Ion	Ratio	Lower	Upper
79	100		
108	80.3	63.9	95.9
77	62.9	50.7	76.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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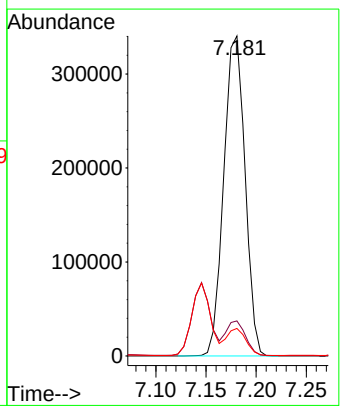
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

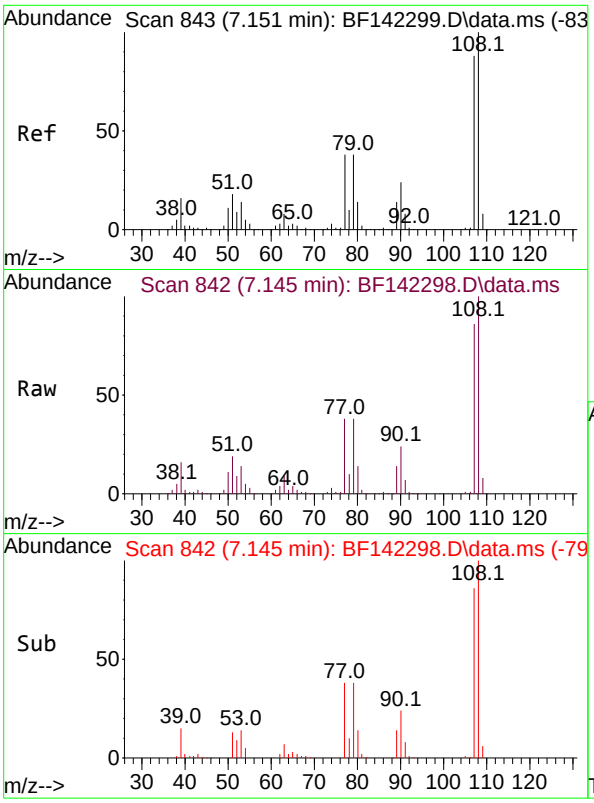


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.672 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

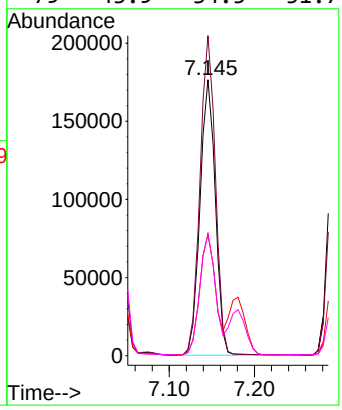




#17
2-Methylphenol
Concen: 20.166 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:107 Resp: 22104

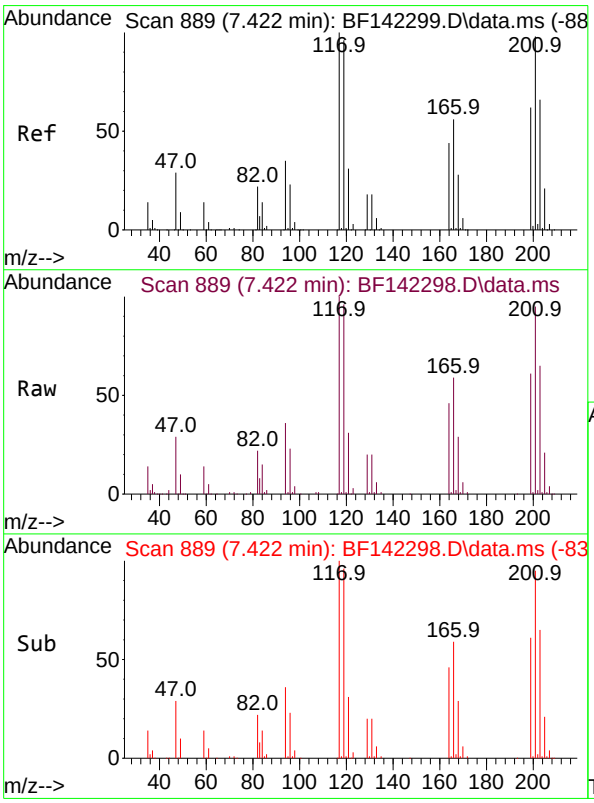
Ion	Ratio	Lower	Upper
107	100		
108	115.9	91.1	136.7
77	44.2	34.7	52.1
79	43.9	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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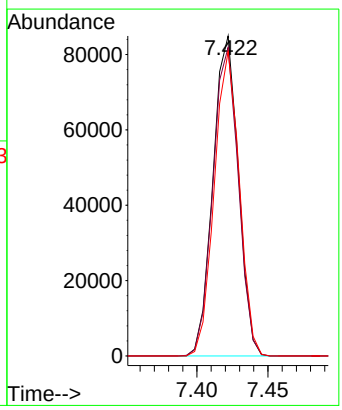
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

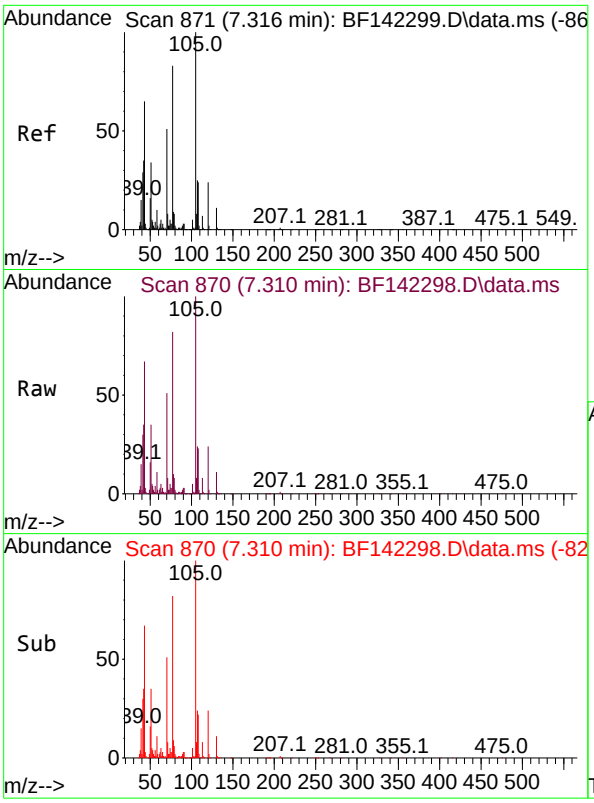


#18
Hexachloroethane
Concen: 20.413 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

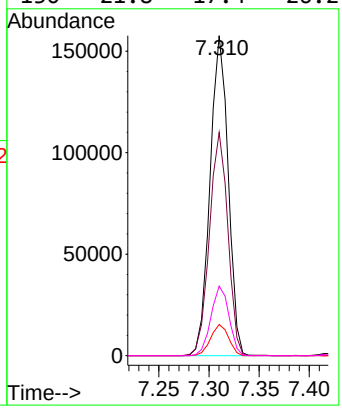




#19
n-Nitroso-di-n-propylamine
Concen: 20.599 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 70 Resp: 19855

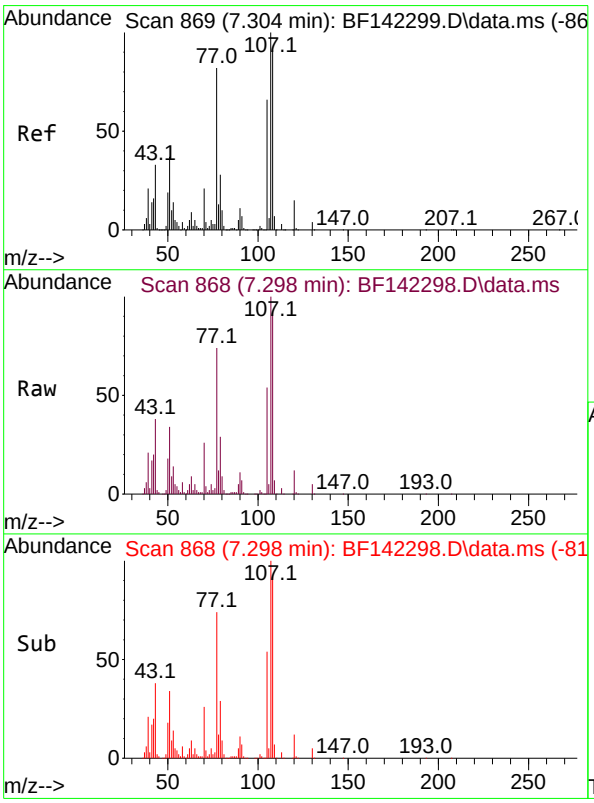
Ion	Ratio	Lower	Upper
70	100		
42	69.7	54.8	82.2
101	9.7	7.7	11.5
130	21.8	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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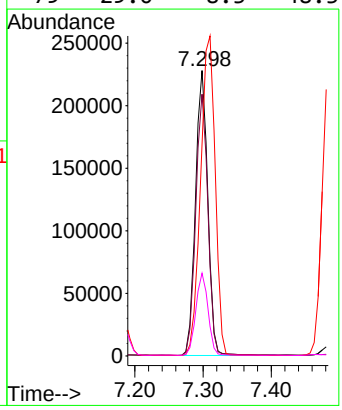
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

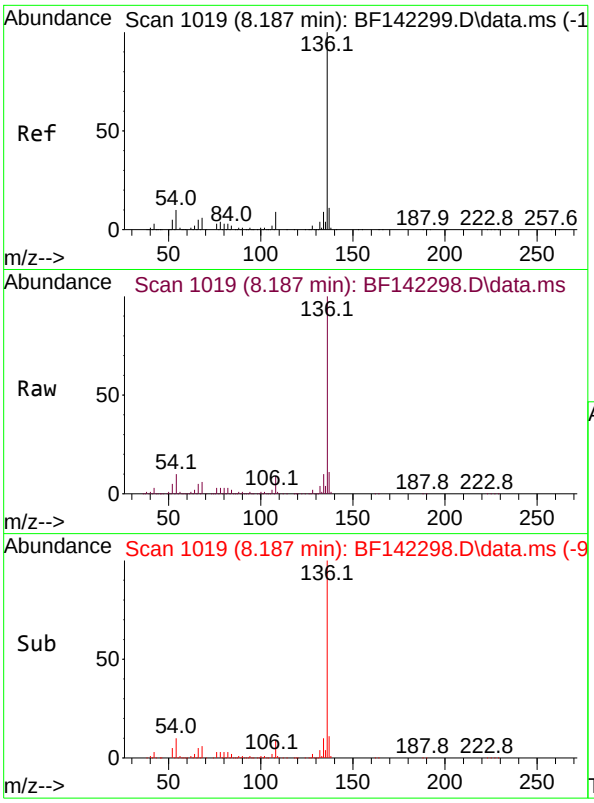


#20
3+4-Methylphenols
Concen: 20.896 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

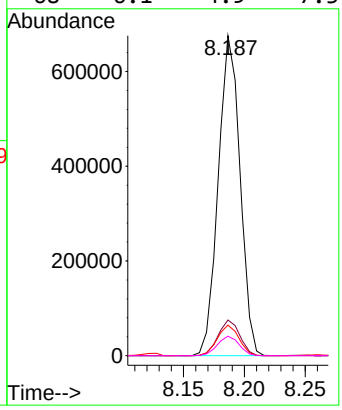




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:136 Resp: 84203

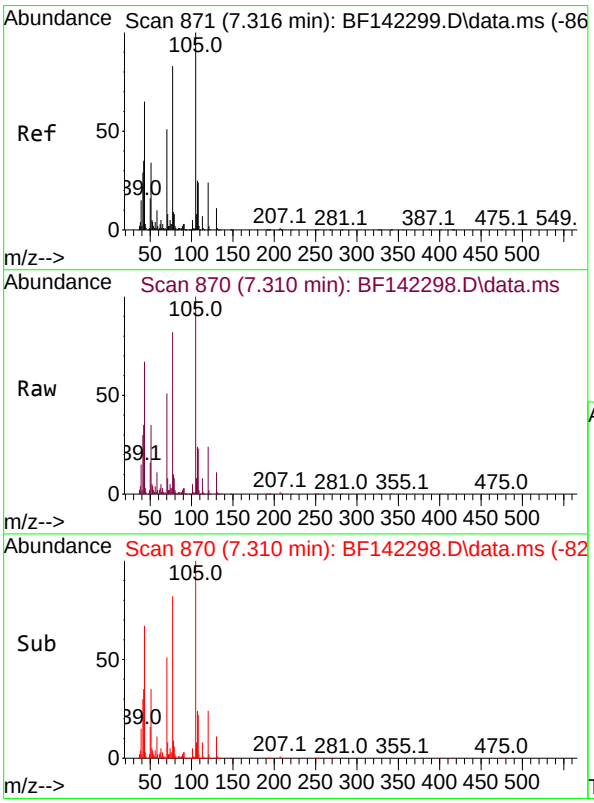
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.5	7.7	11.5
68	6.1	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

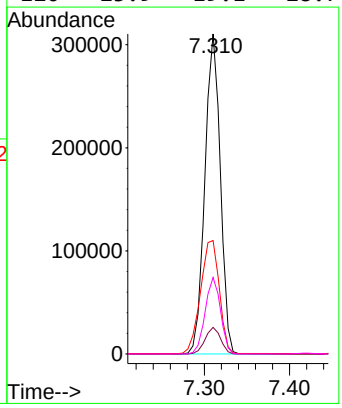
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

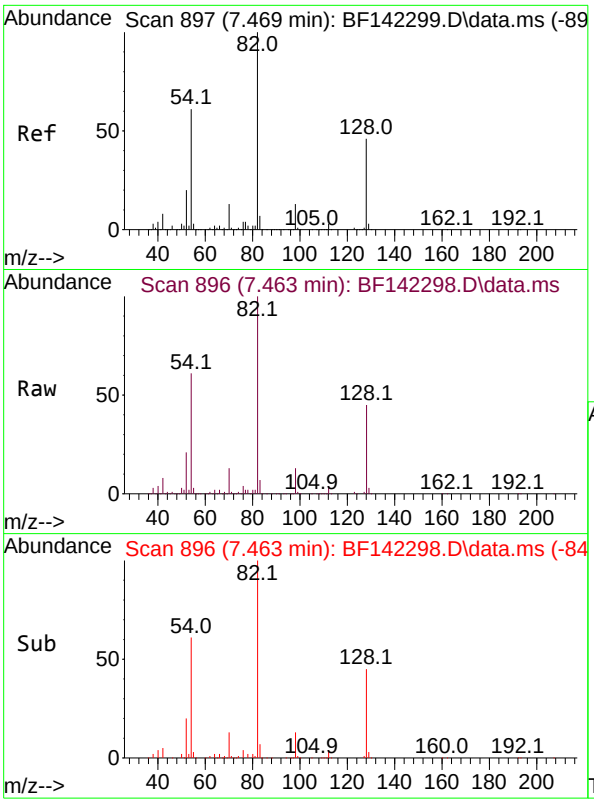


#22
Acetophenone
Concen: 20.871 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

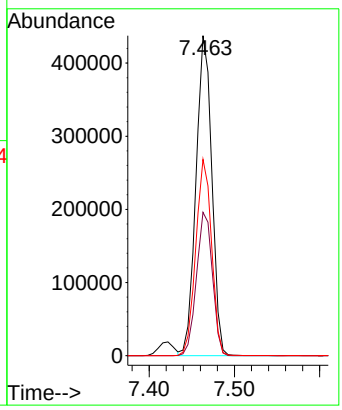




#23
Nitrobenzene-d5
Concen: 40.944 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 82 Resp: 56530

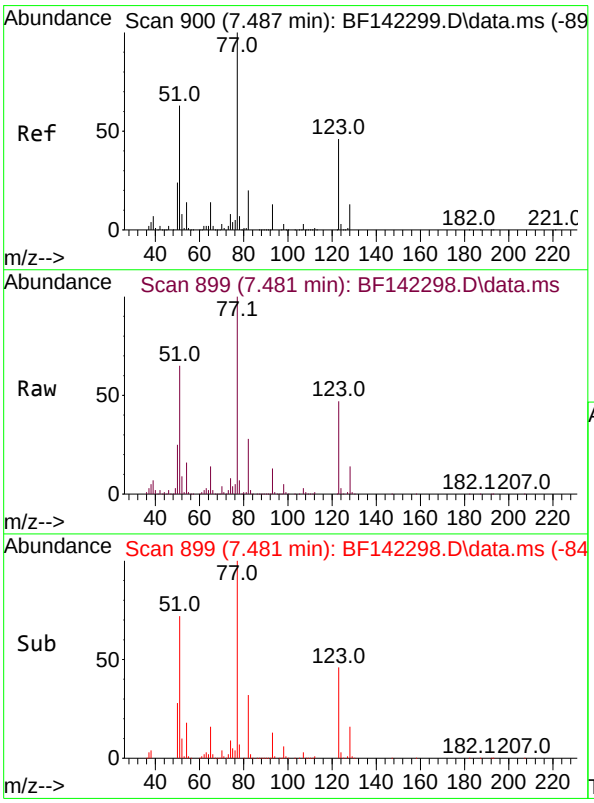
Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.0	55.6
54	61.4	48.6	73.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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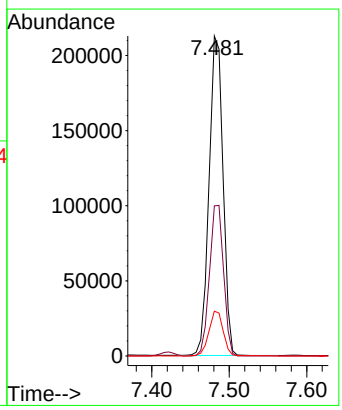
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

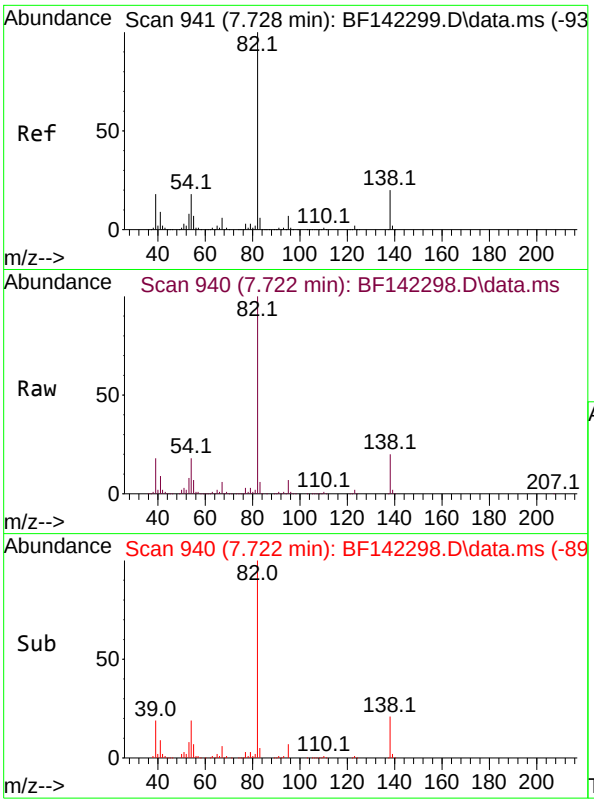


#24
Nitrobenzene
Concen: 20.474 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

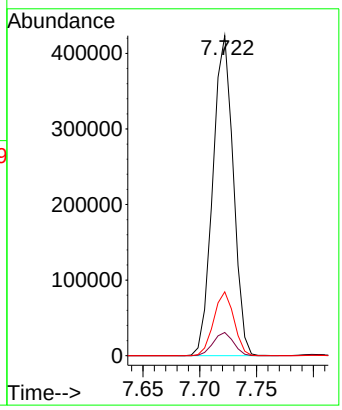




#25
Isophorone
Concen: 20.291 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 82 Resp: 530519

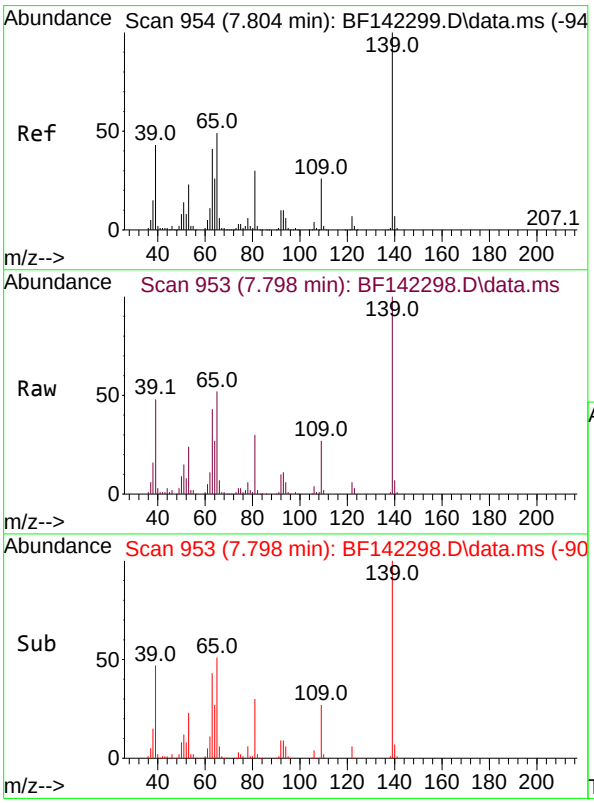
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	20.0	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

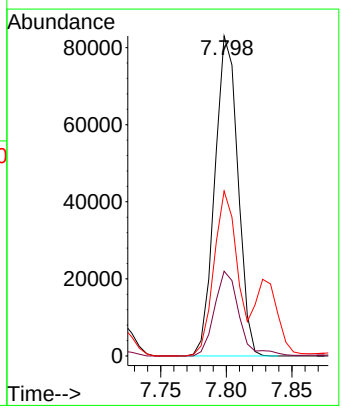
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

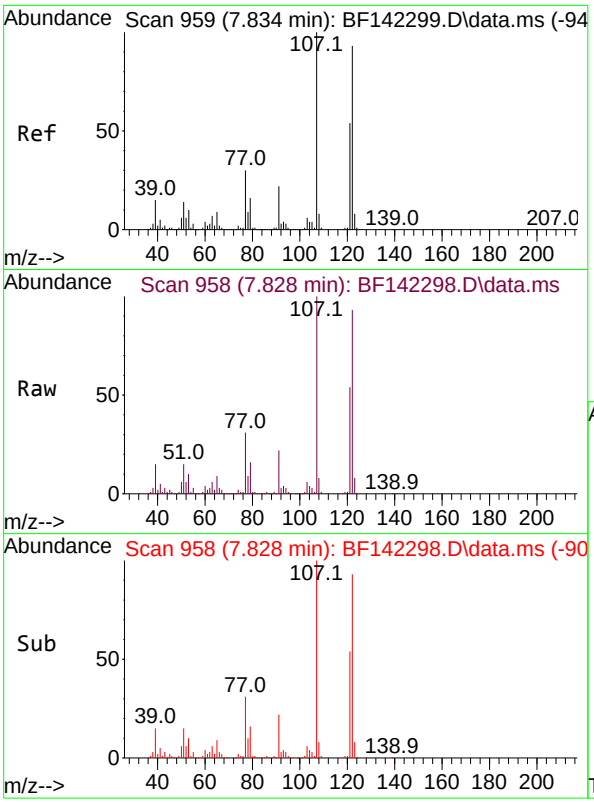


#26
2-Nitrophenol
Concen: 18.889 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

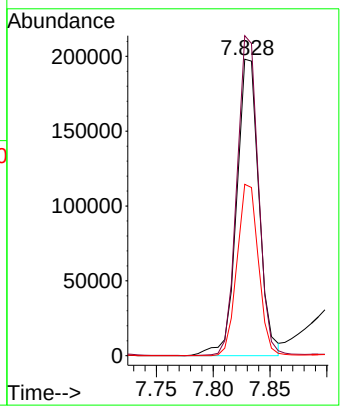




#27
2,4-Dimethylphenol
Concen: 20.543 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:122 Resp: 27003

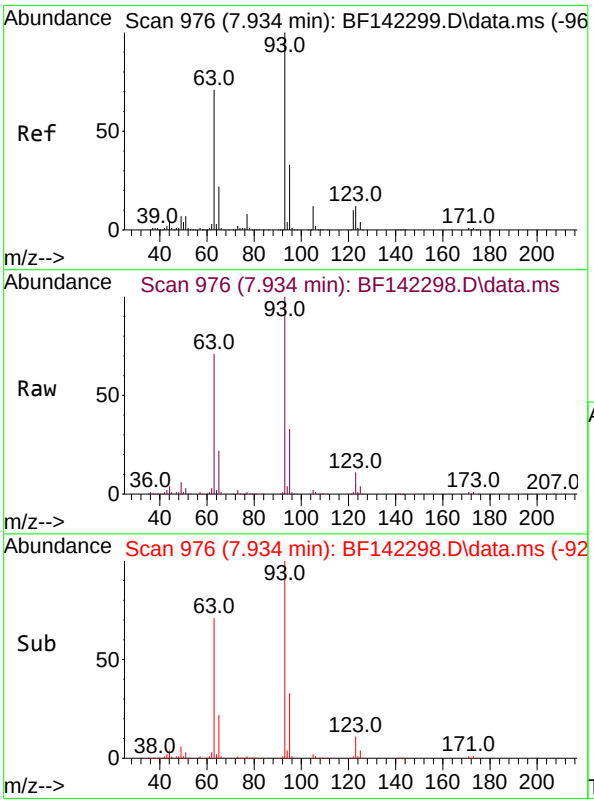
Ion	Ratio	Lower	Upper
122	100		
107	107.9	86.0	129.0
121	57.8	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

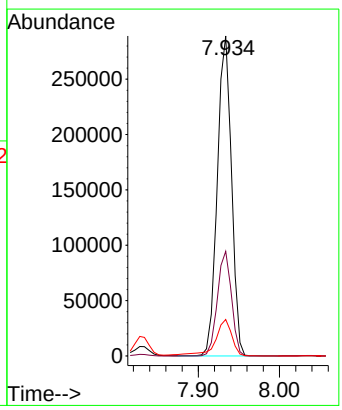
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

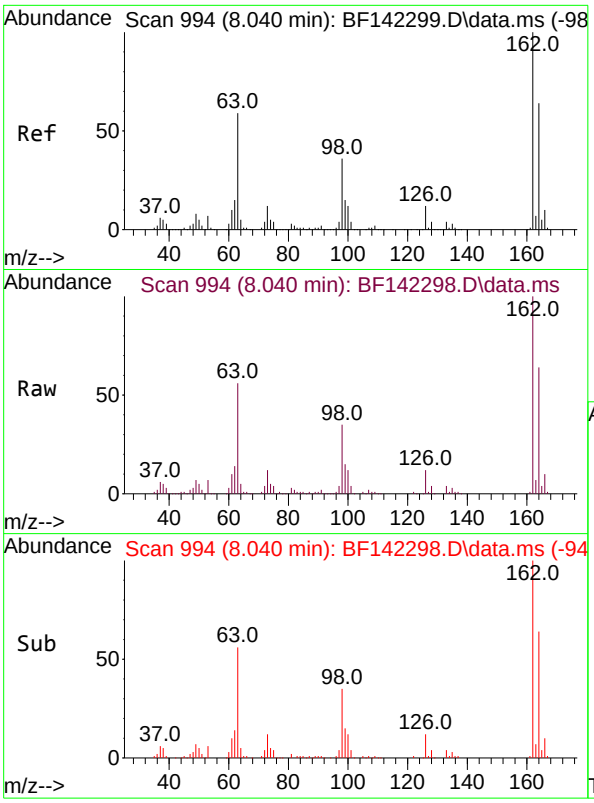


#28
bis(2-Chloroethoxy)methane
Concen: 20.919 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

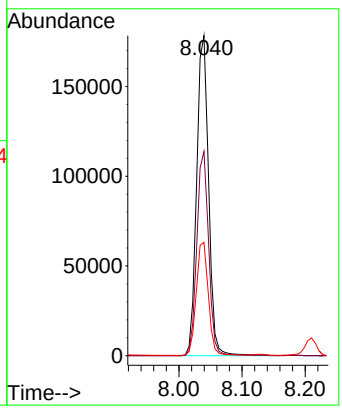




#29
2,4-Dichlorophenol
Concen: 20.924 ng
RT: 8.040 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:162 Resp: 23384

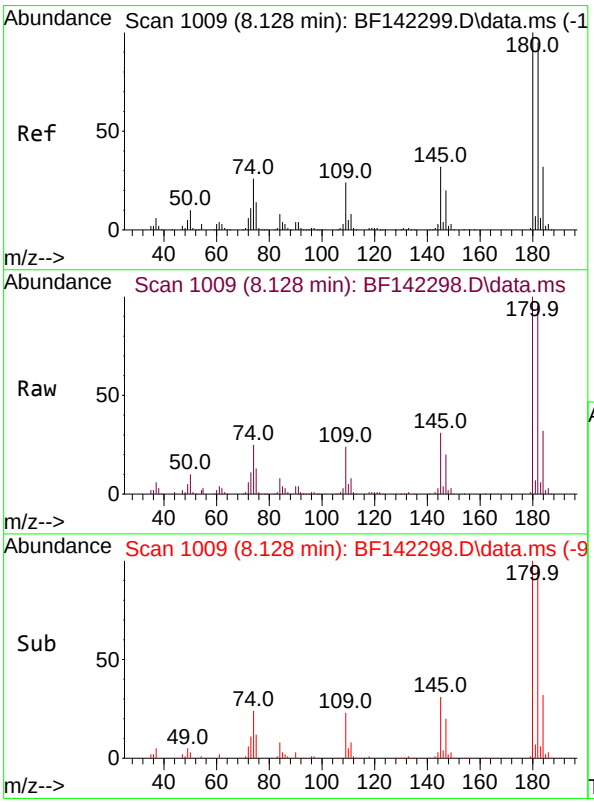
Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.6	83.6
98	35.4	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

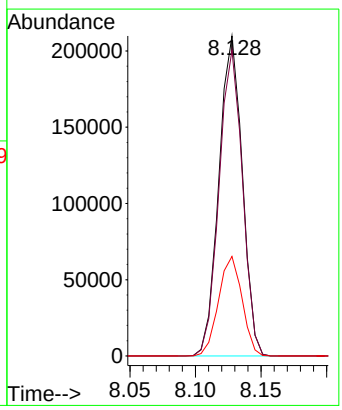
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

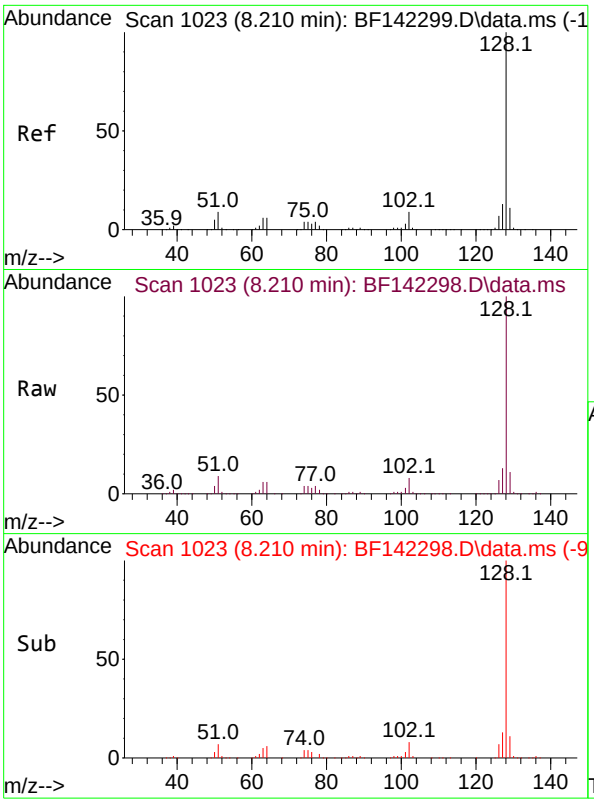


#30
1,2,4-Trichlorobenzene
Concen: 20.674 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

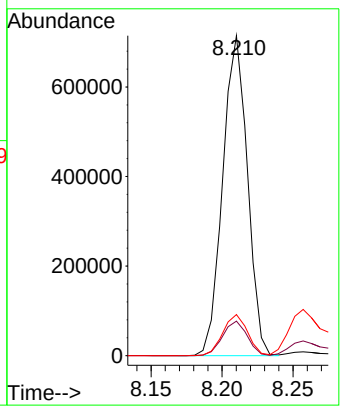




#31
Naphthalene
Concen: 21.209 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:128 Resp: 86555

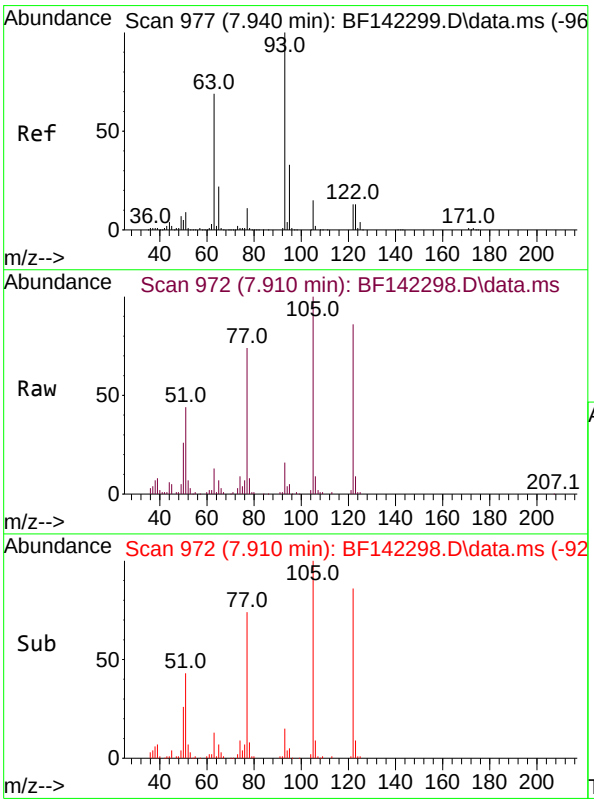
Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	12.9	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

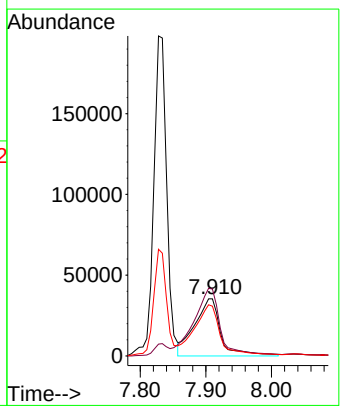
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

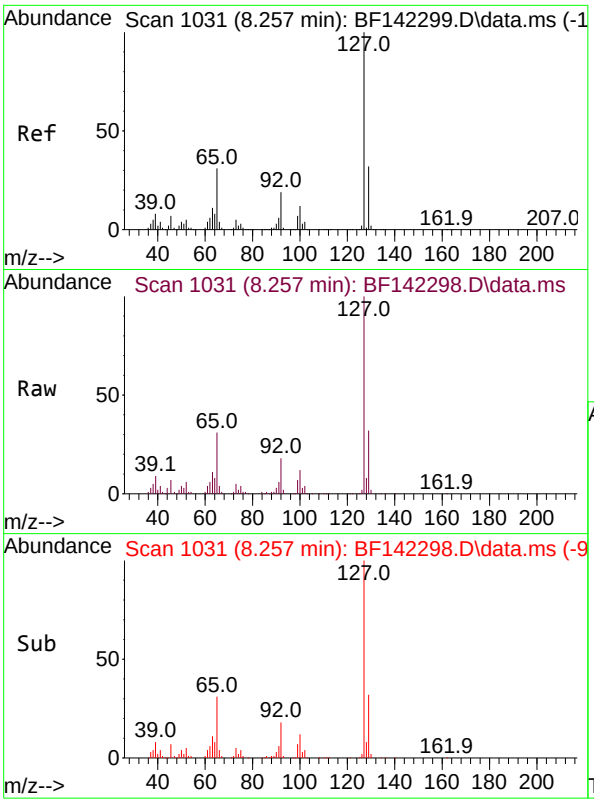


#32
Benzoic acid
Concen: 19.691 ng m
RT: 7.910 min Scan# 972
Delta R.T. -0.030 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

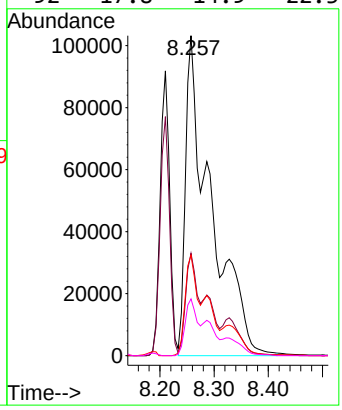




#33
4-Chloroaniline
Concen: 20.165 ng m
RT: 8.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:127 Resp: 33519

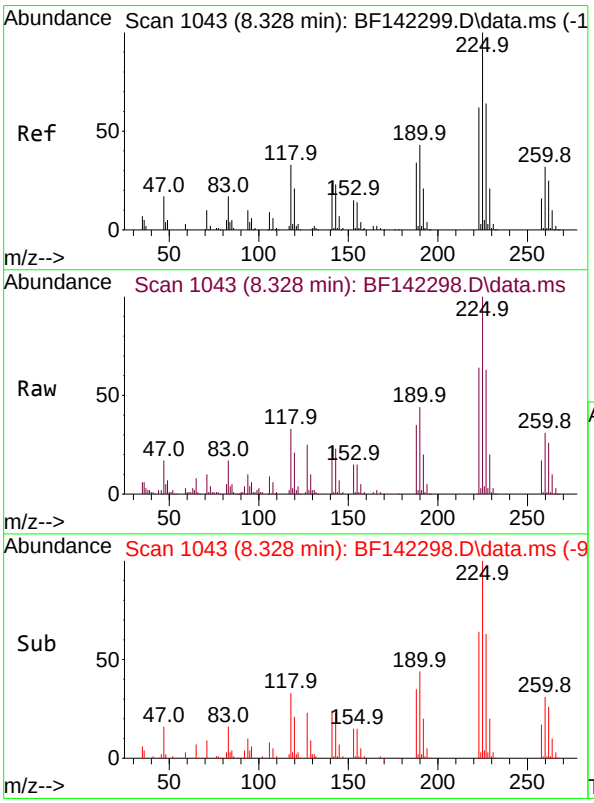
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	31.4	24.9	37.3
92	17.8	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

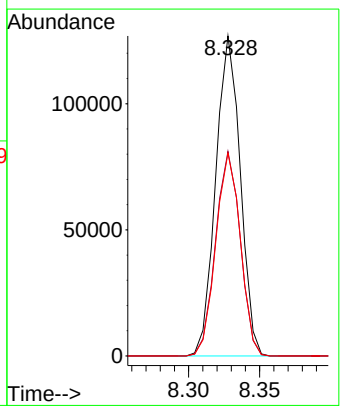
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

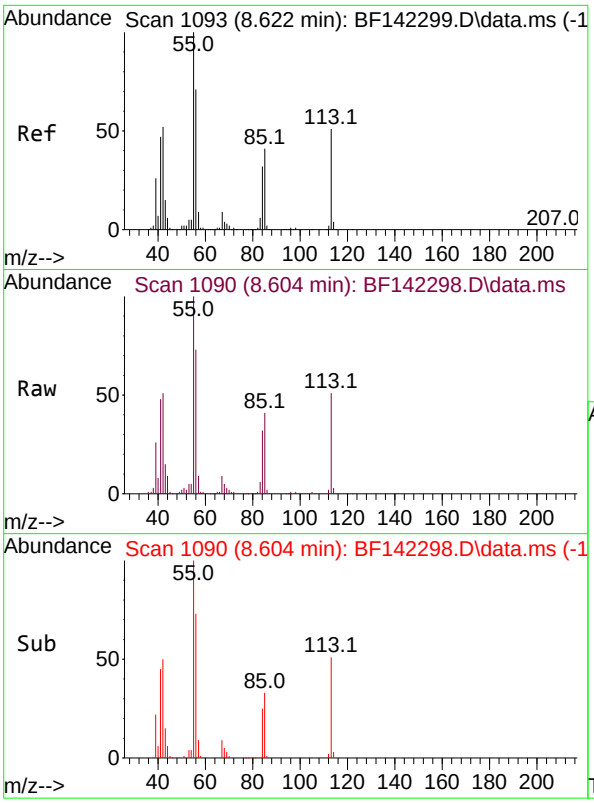


#34
Hexachlorobutadiene
Concen: 20.449 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

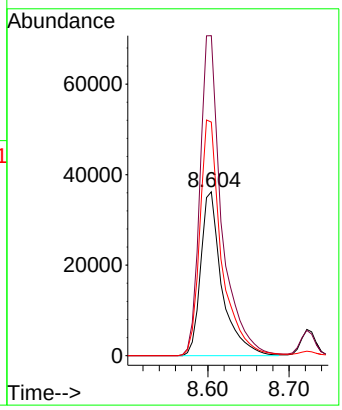




#35
Caprolactam
Concen: 20.272 ng
RT: 8.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:113 Resp: 6588

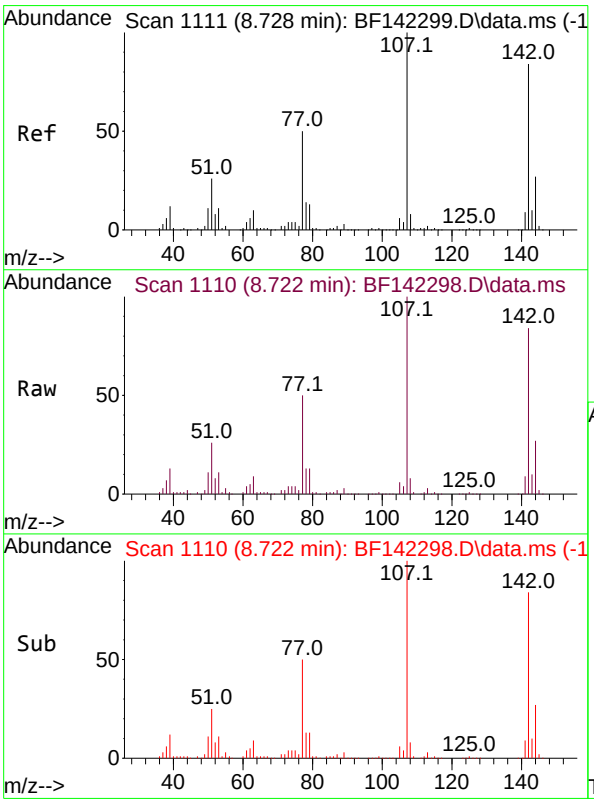
Ion	Ratio	Lower	Upper
113	100		
55	195.2	176.4	216.4
56	142.6	120.3	160.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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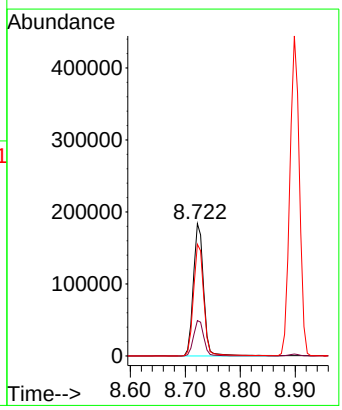
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

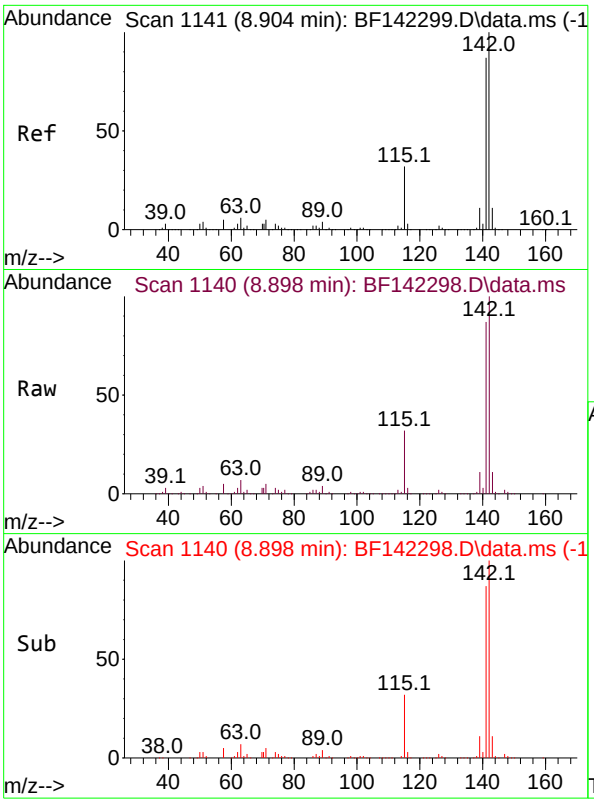


#36
4-Chloro-3-methylphenol
Concen: 20.539 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

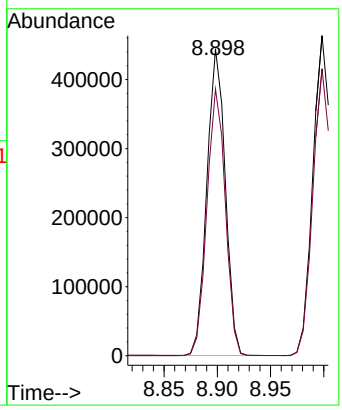
Tgt Ion:142 Resp: 53493

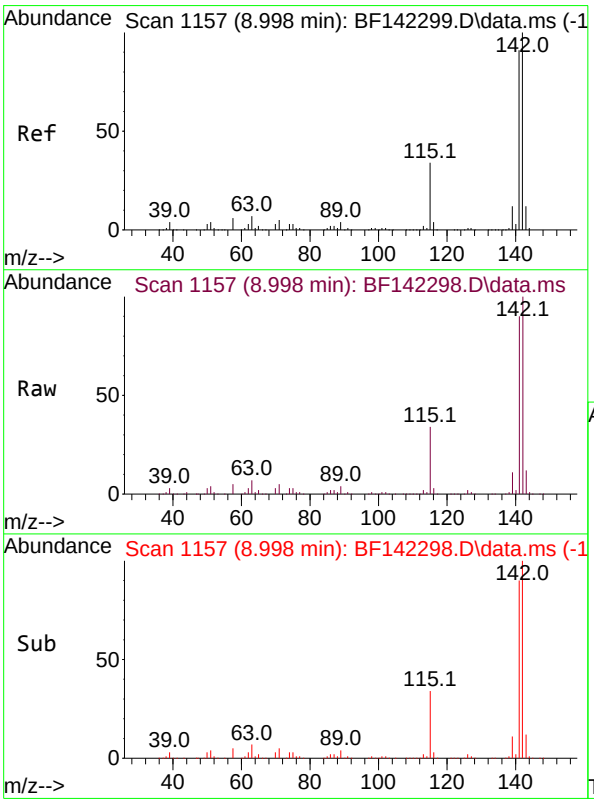
Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.4	104.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

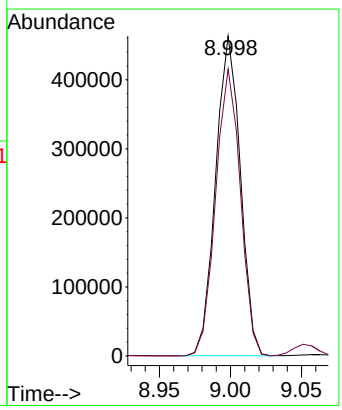


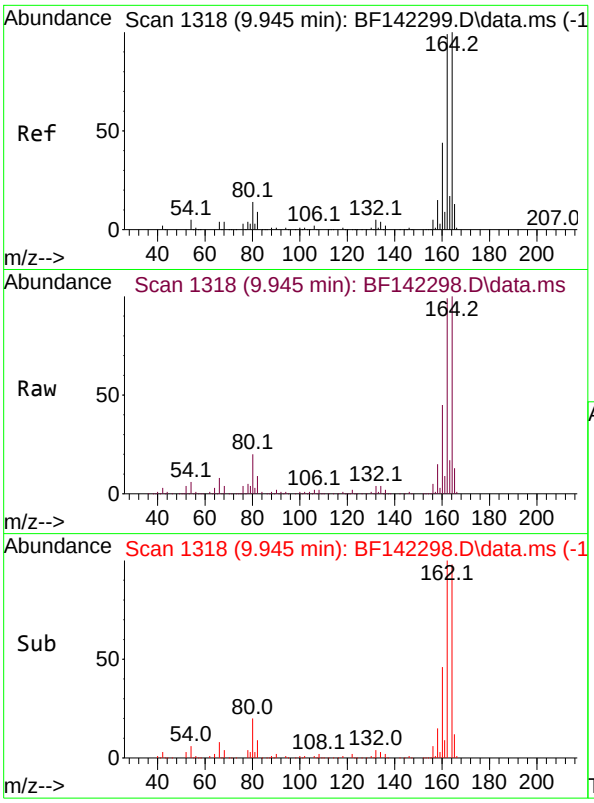


#38
1-Methylnaphthalene
Concen: 21.183 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:142 Resp: 559888

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.5	108.7

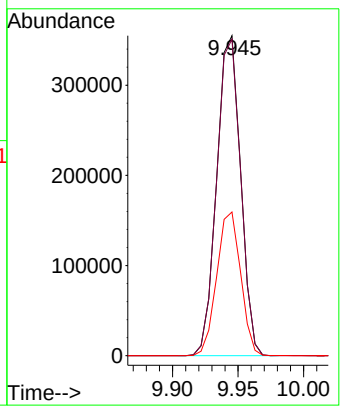




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:164 Resp: 44942

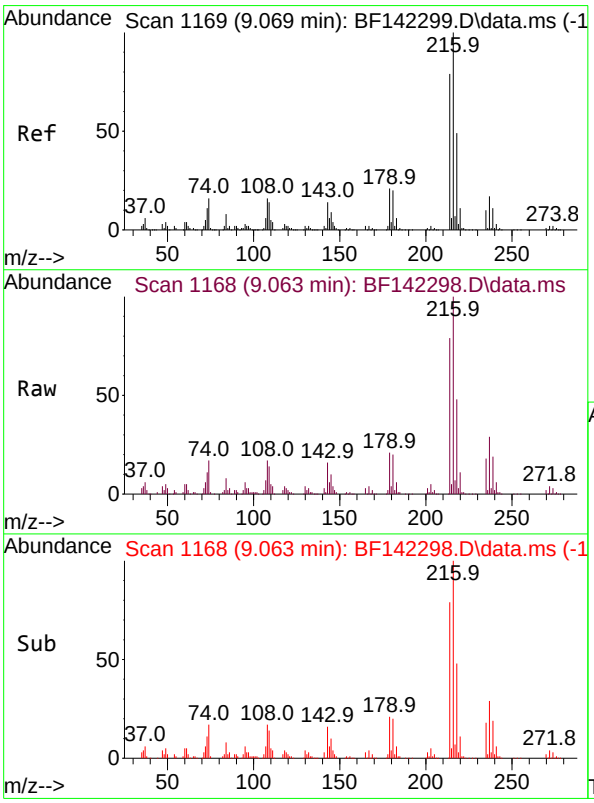
Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.2	118.8
160	44.9	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

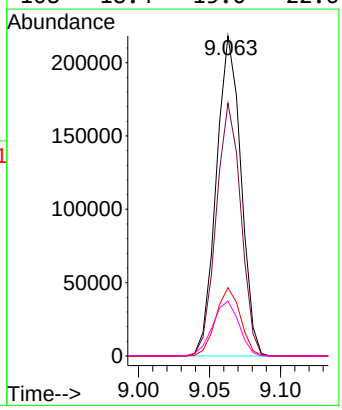
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

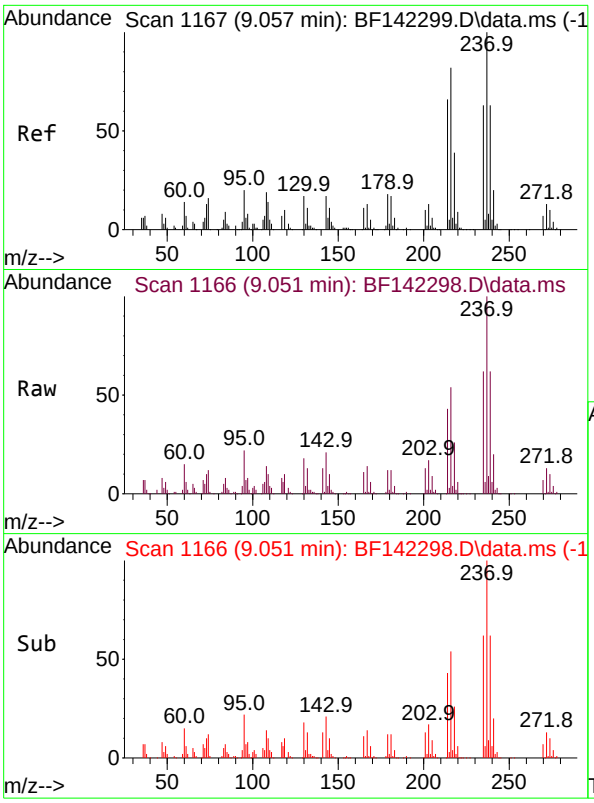


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.966 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

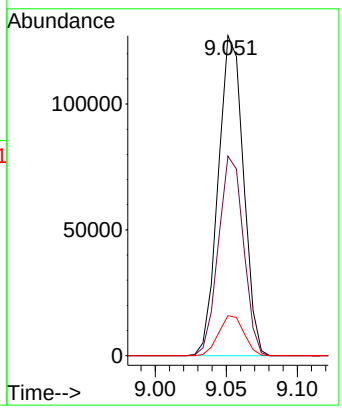
Tgt Ion:237 Resp: 15669

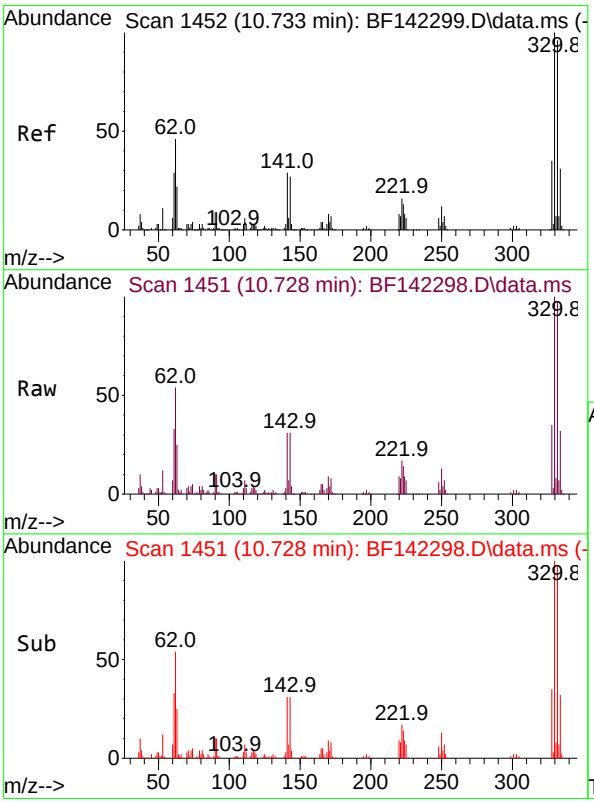
Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.8	82.8
272	12.5	0.0	33.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

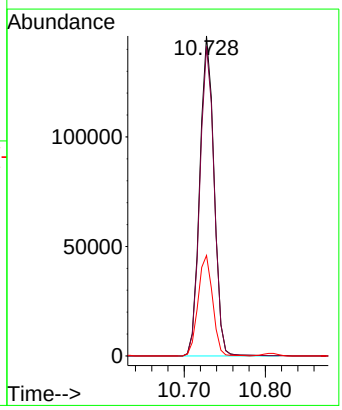


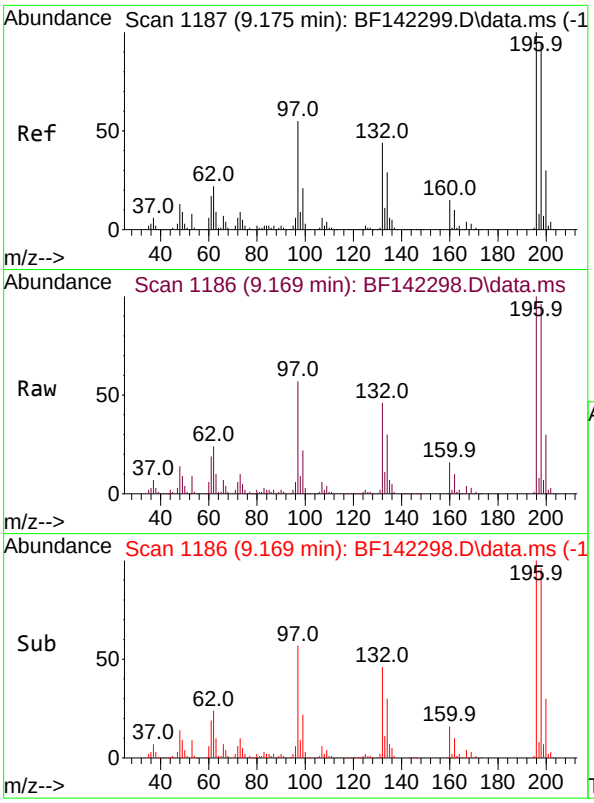


#42
2,4,6-Tribromophenol
Concen: 41.039 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

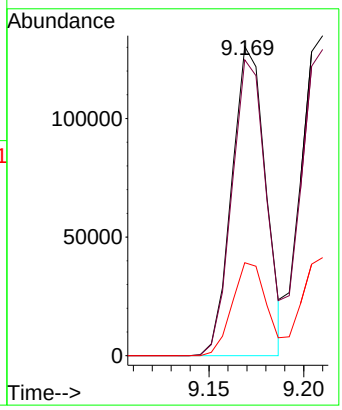




#43
2,4,6-Trichlorophenol
Concen: 20.426 ng
RT: 9.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:196 Resp: 16172

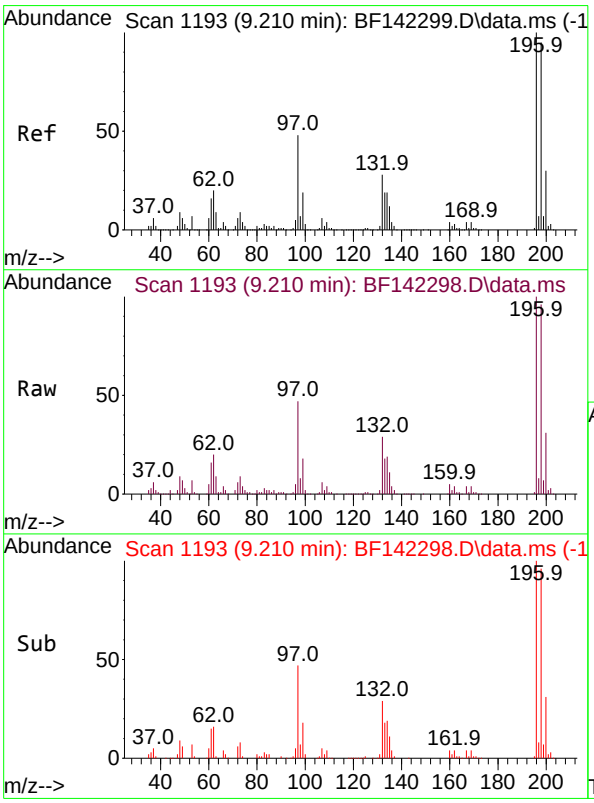
Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.4	113.0
200	30.1	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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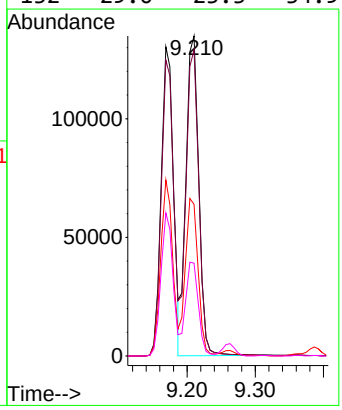
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

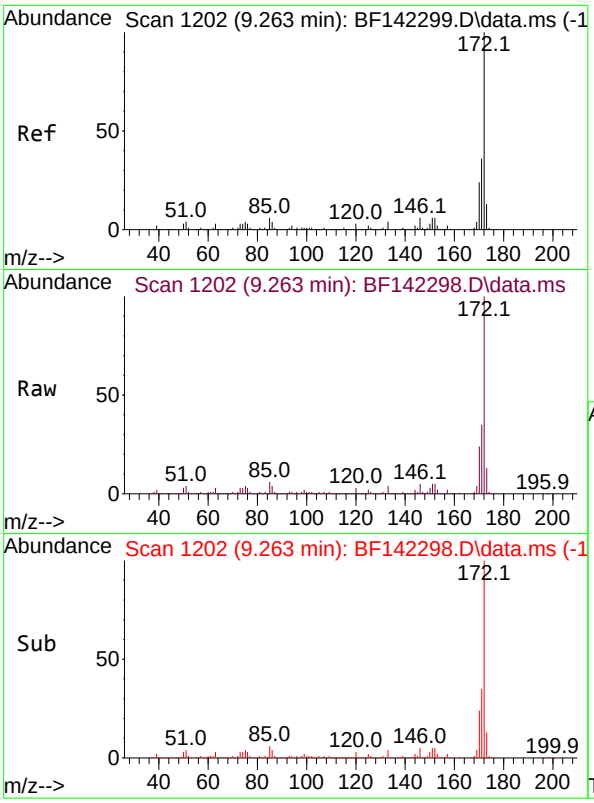


#44
2,4,5-Trichlorophenol
Concen: 20.829 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

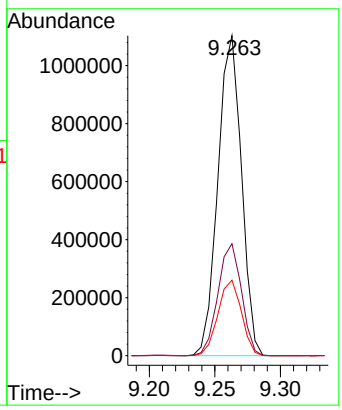




#45
2-Fluorobiphenyl
Concen: 43.691 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:172 Resp: 137711

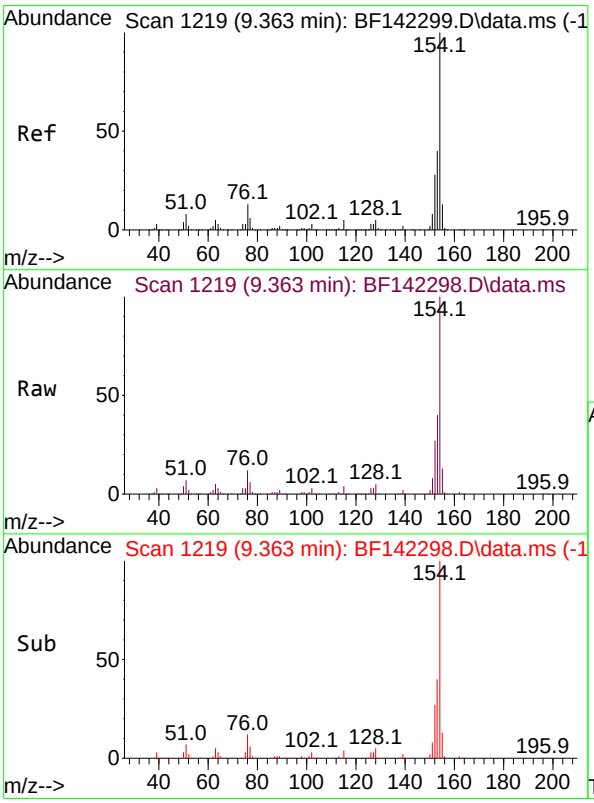
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.6	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

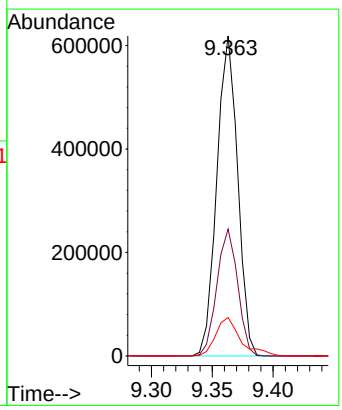
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

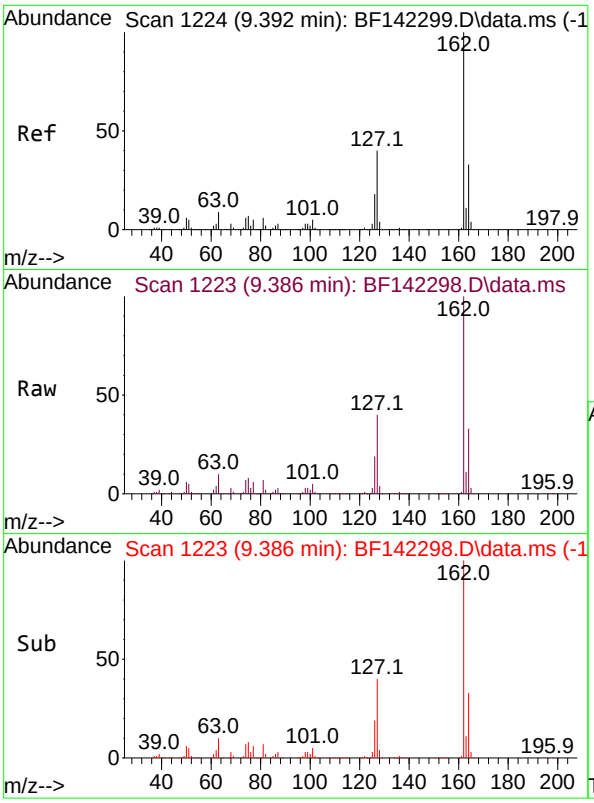


#46
1,1'-Biphenyl
Concen: 21.344 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

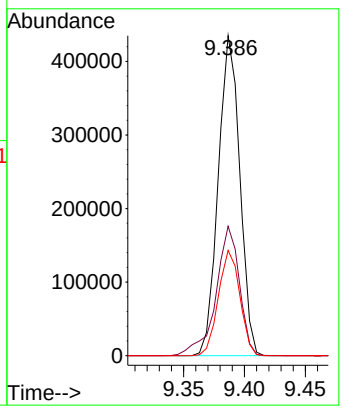




#47
2-Chloronaphthalene
Concen: 20.924 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:162 Resp: 53620

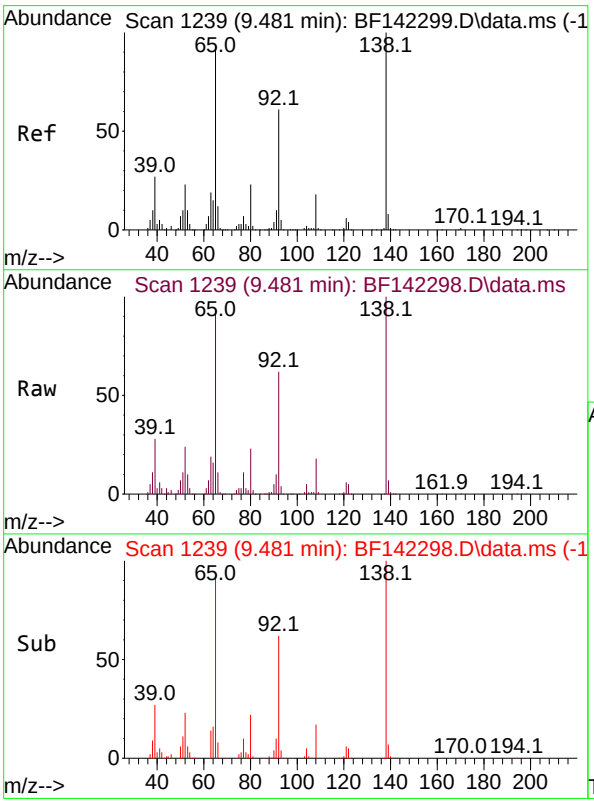
Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.3	48.5
164	32.9	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

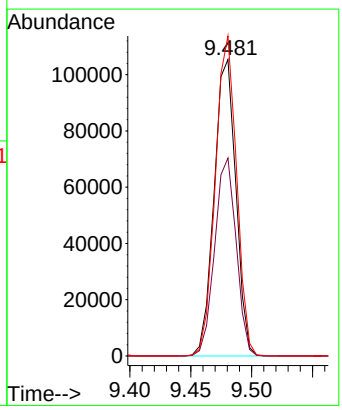
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

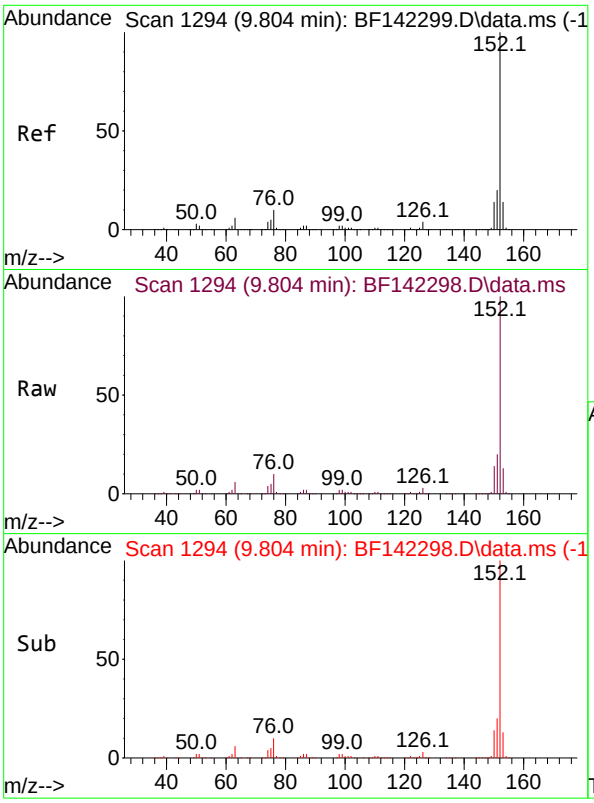


#48
2-Nitroaniline
Concen: 19.985 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

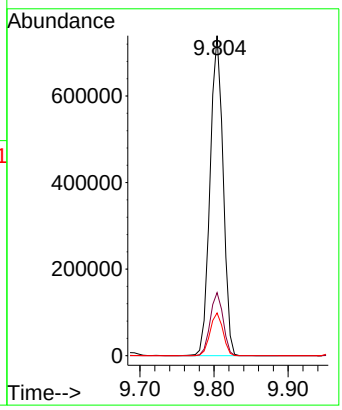




#49
Acenaphthylene
Concen: 21.063 ng
RT: 9.804 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:152 Resp: 90294

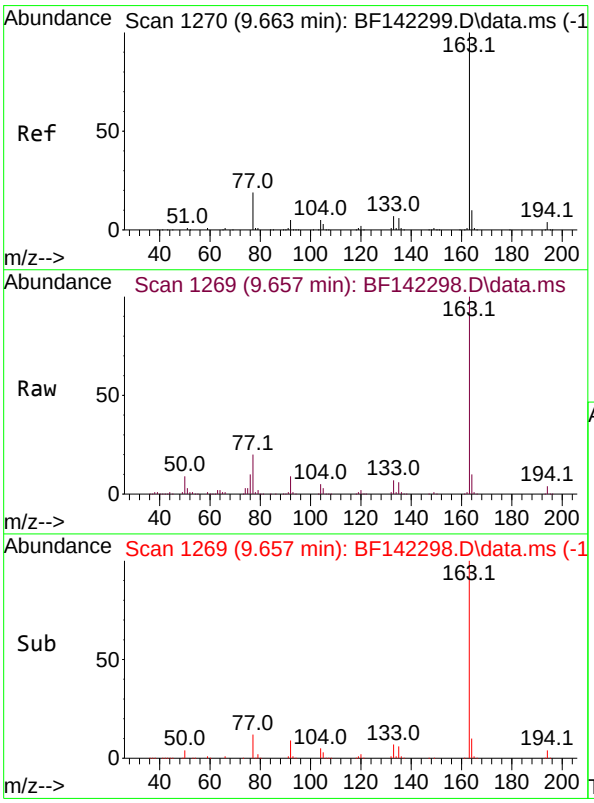
Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.3	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

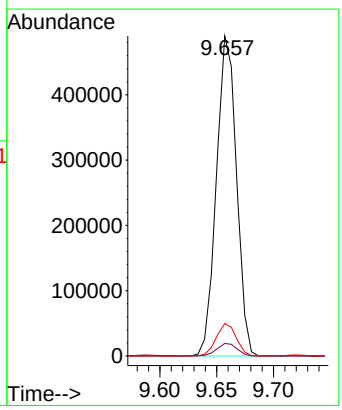
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

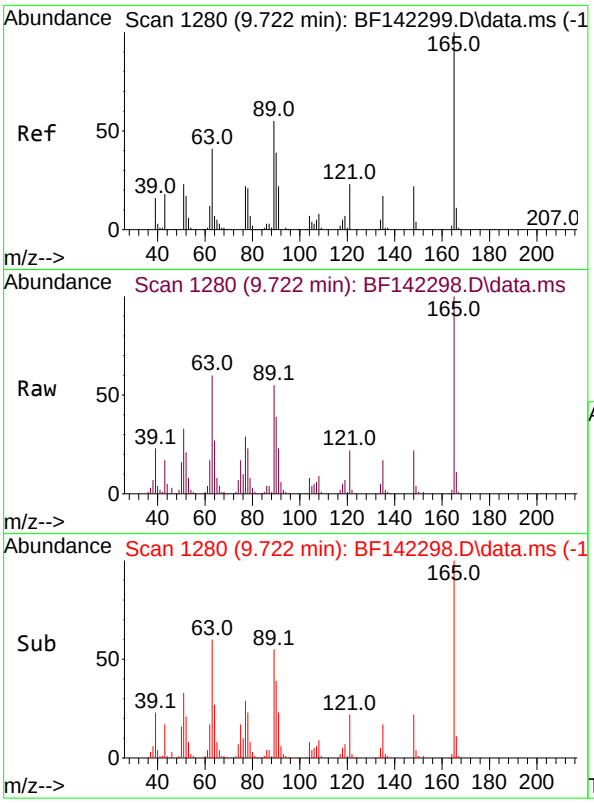


#50
Dimethylphthalate
Concen: 20.930 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

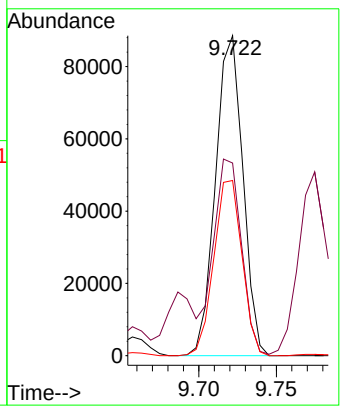
Tgt Ion:165 Resp: 10891

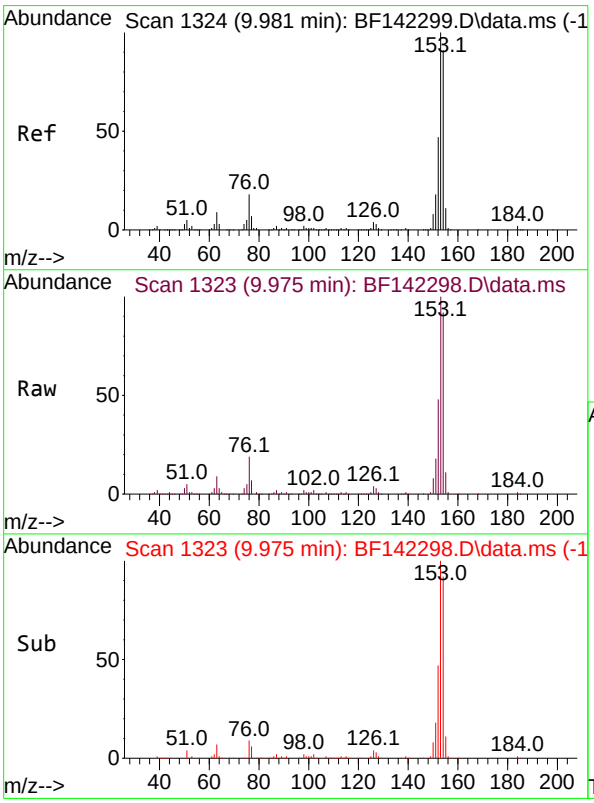
Ion	Ratio	Lower	Upper
165	100		
63	60.2	49.5	74.3
89	54.7	44.6	66.8

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

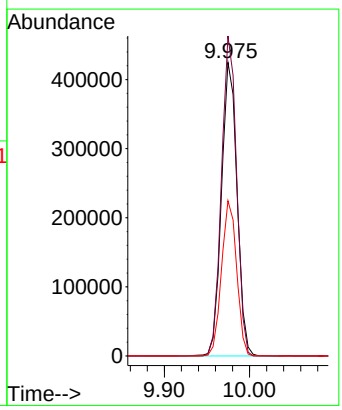


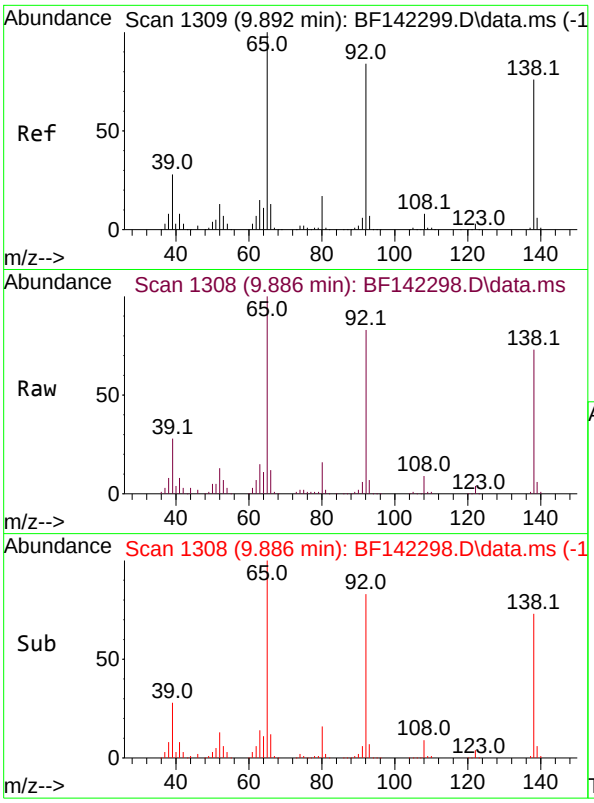


#52
Acenaphthene
Concen: 20.925 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

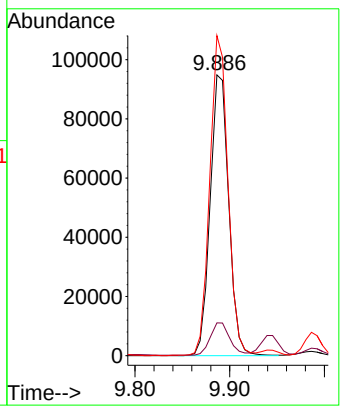
Tgt Ion:138 Resp: 12943

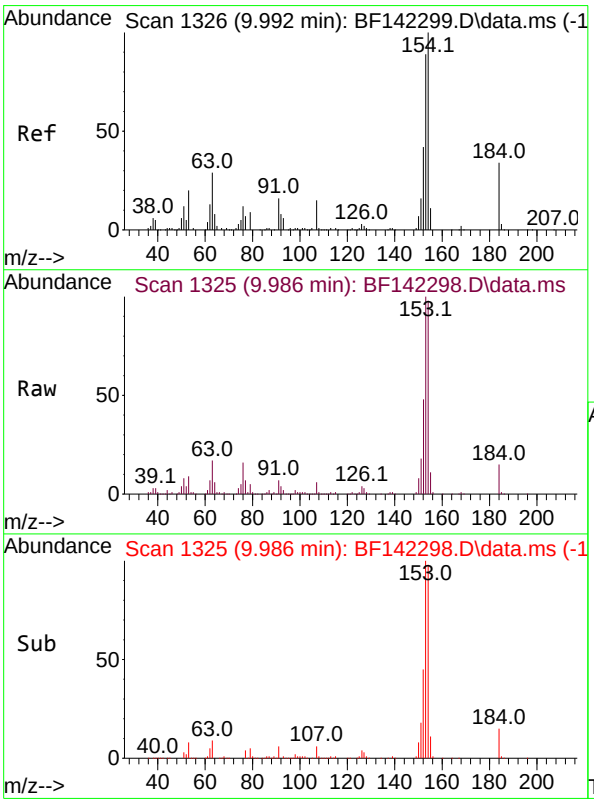
Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.7	13.1
92	114.0	89.5	134.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

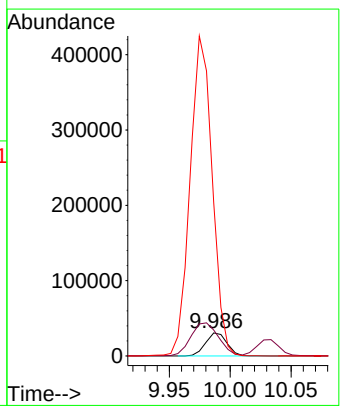


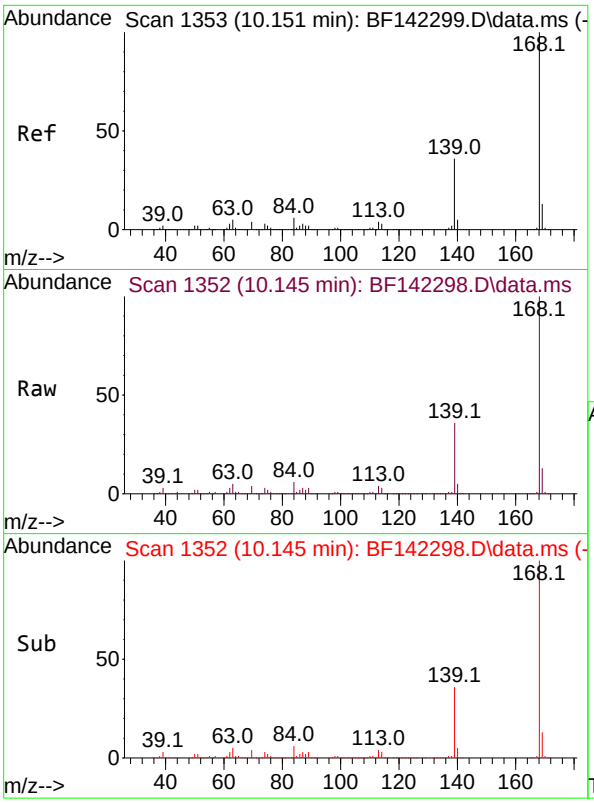


#54
2,4-Dinitrophenol
Concen: 19.641 ng
RT: 9.986 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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#

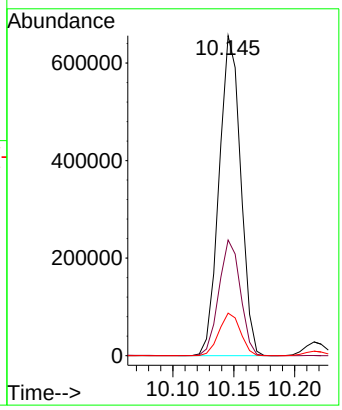




#55
Dibenzofuran
Concen: 21.274 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:168 Resp: 80932

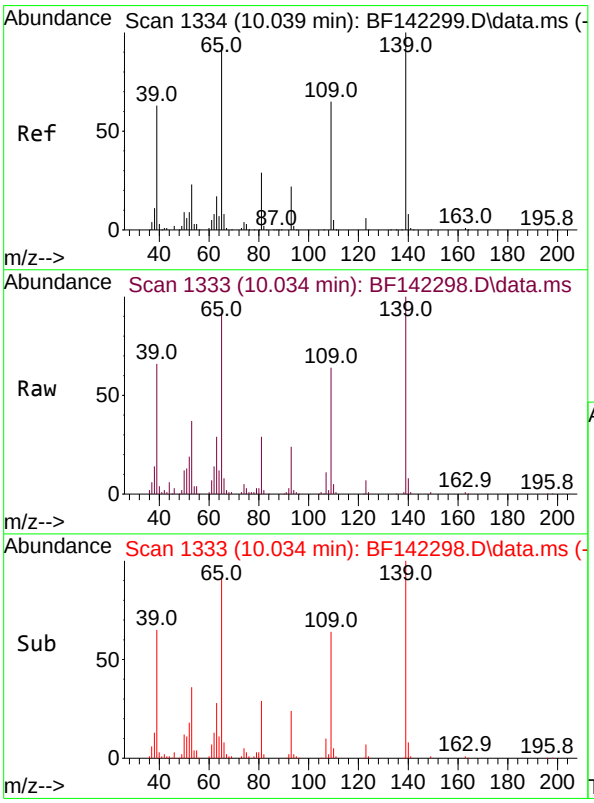
Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.0	43.4
169	13.3	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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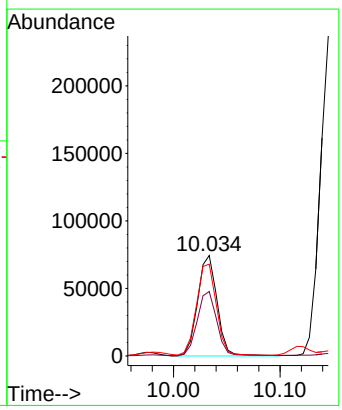
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

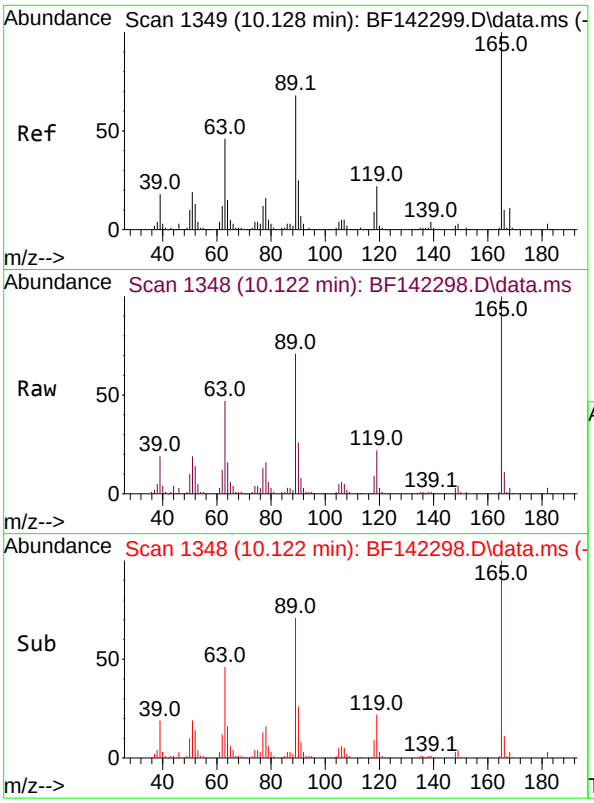


#56
4-Nitrophenol
Concen: 19.802 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

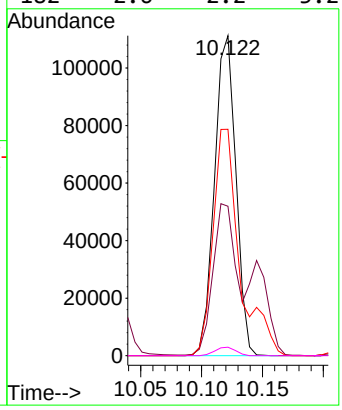




#57
2,4-Dinitrotoluene
Concen: 19.647 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:165 Resp: 13613

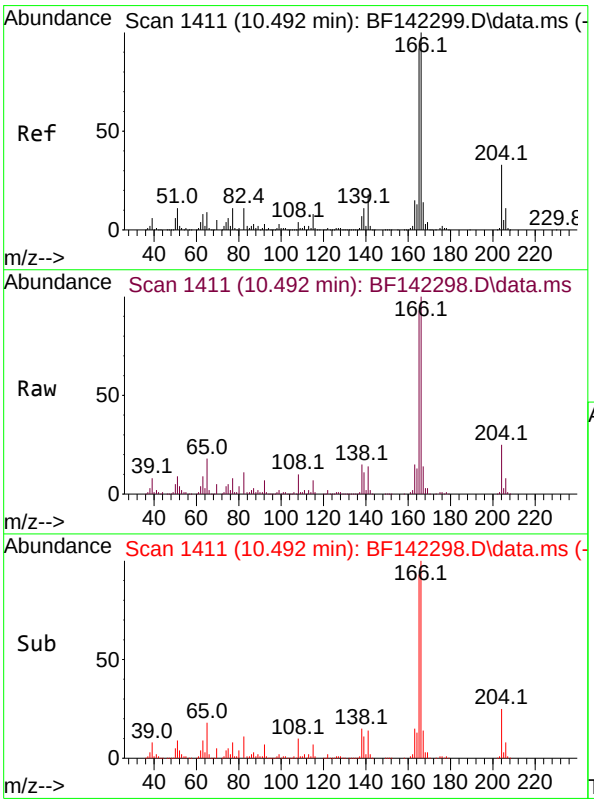
Ion	Ratio	Lower	Upper
165	100		
63	46.7	37.1	55.7
89	70.8	54.4	81.6
182	2.6	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

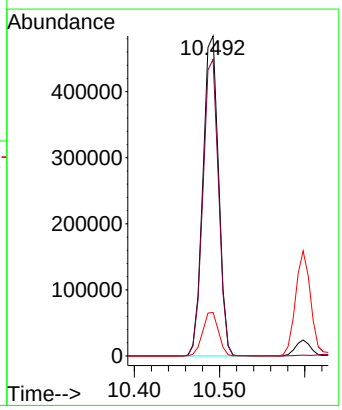
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

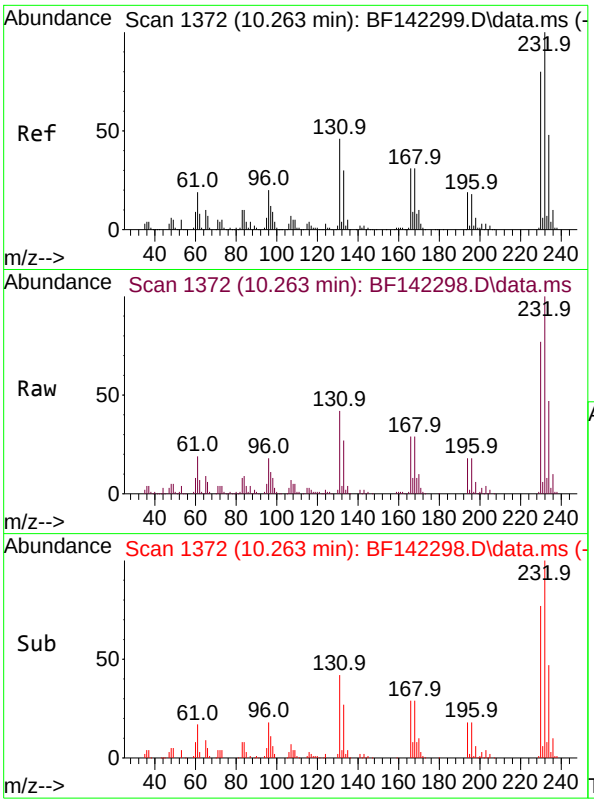


#58
Fluorene
Concen: 21.273 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

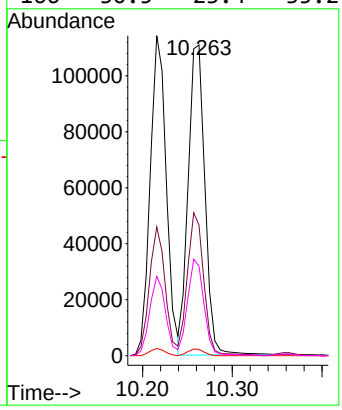




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.664 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:232 Resp: 14370

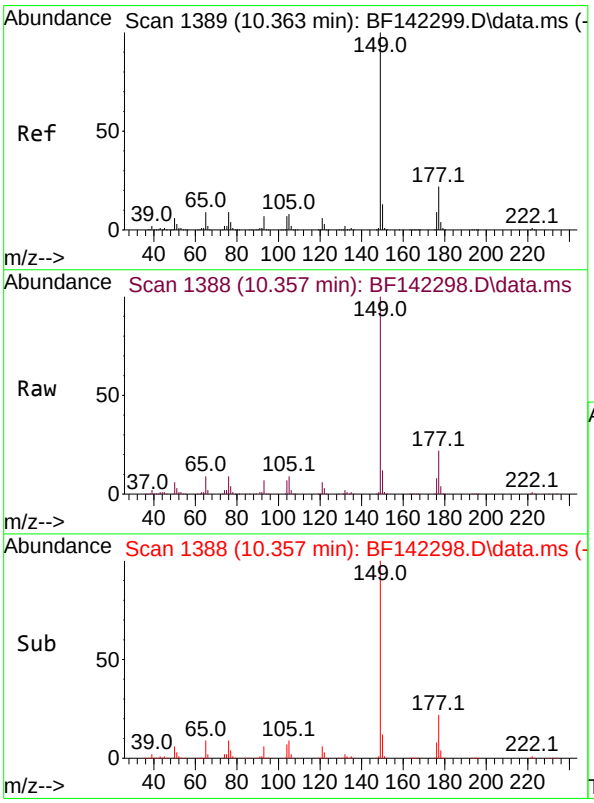
Ion	Ratio	Lower	Upper
232	100		
131	45.0	36.0	54.0
130	2.1	1.8	2.6
166	30.5	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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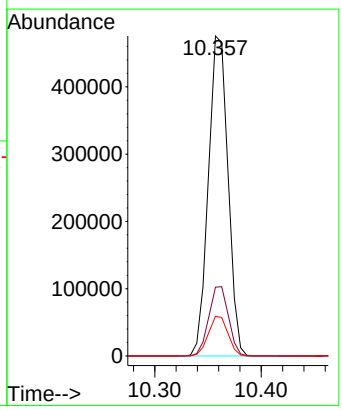
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

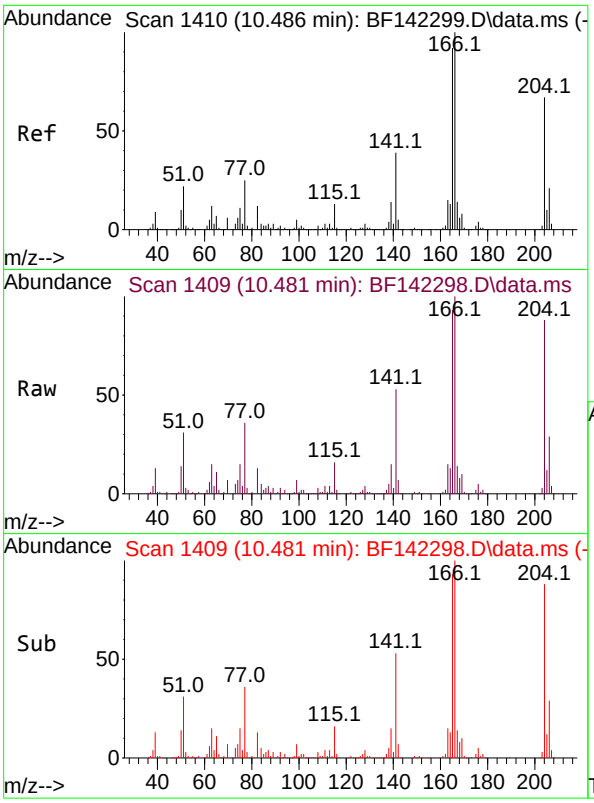


#60
Diethylphthalate
Concen: 21.134 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

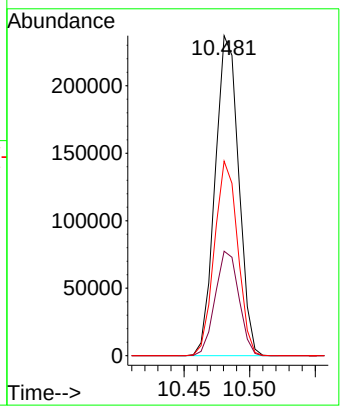
Tgt Ion:204 Resp: 29576

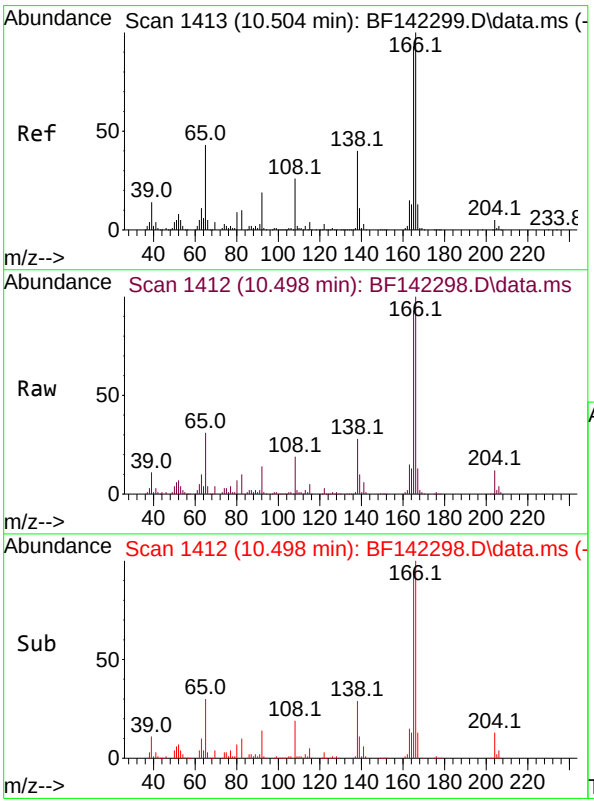
Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.5	38.3
141	60.8	46.4	69.6

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

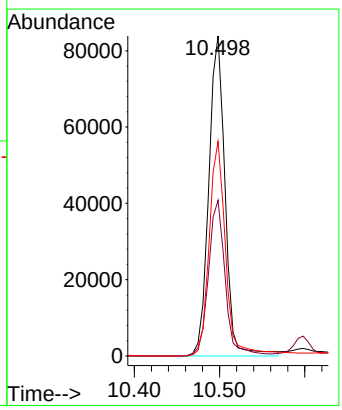


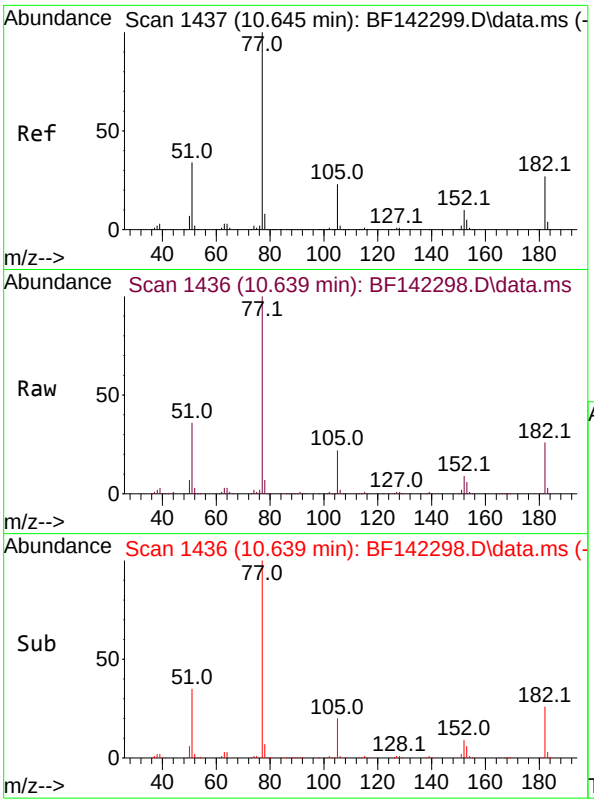


#62
4-Nitroaniline
Concen: 22.228 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

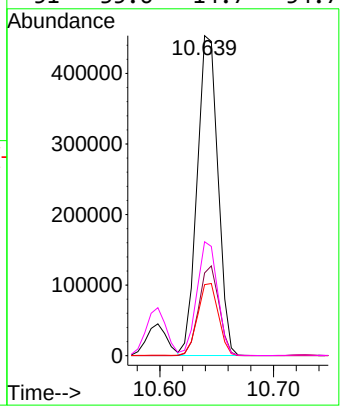




#63
Azobenzene
Concen: 20.964 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 77 Resp: 57734

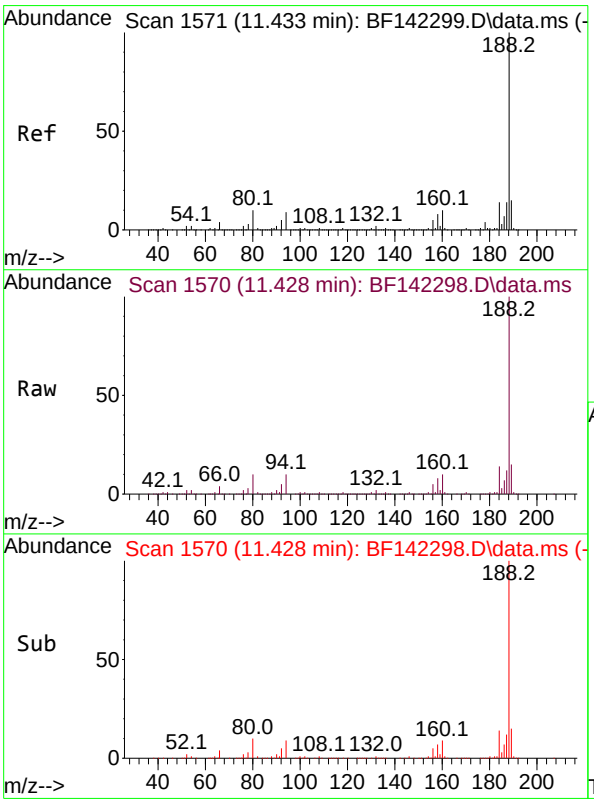
Ion	Ratio	Lower	Upper
77	100		
182	25.8	6.9	46.9
105	22.2	2.7	42.7
51	35.6	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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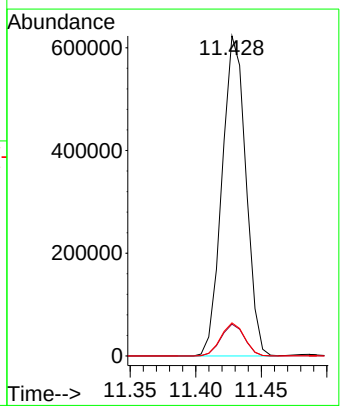
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

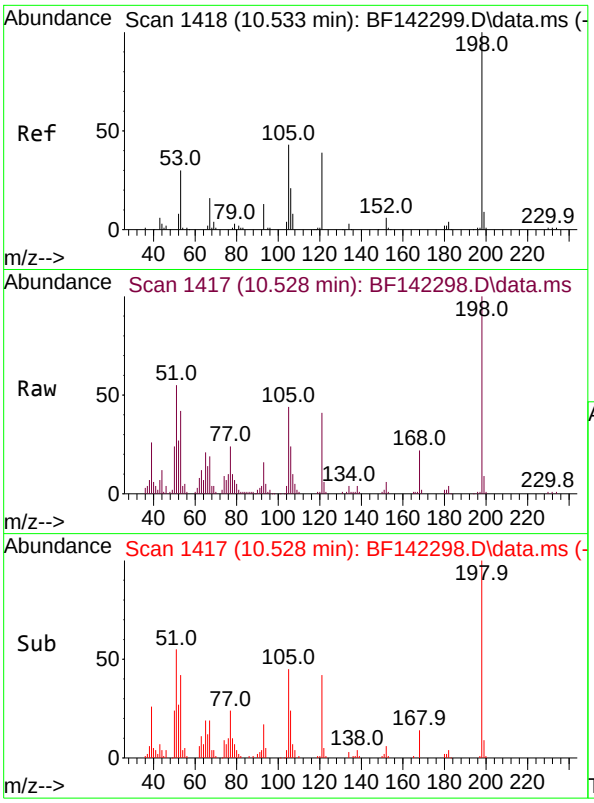


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

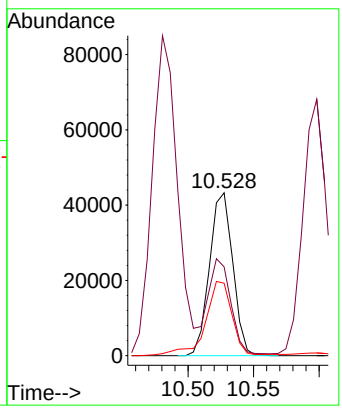
Tgt Ion:198 Resp: 5345

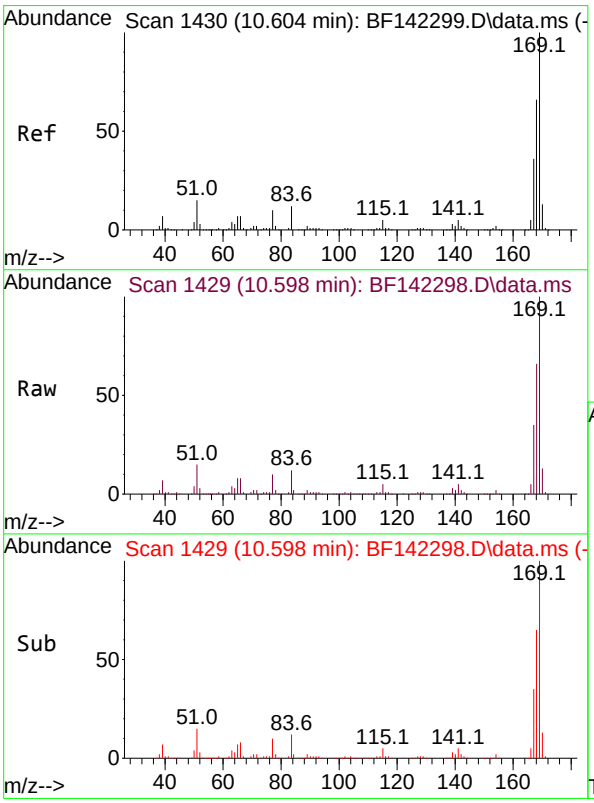
Ion	Ratio	Lower	Upper
198	100		
51	54.5	32.9	72.9
105	44.5	23.7	63.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

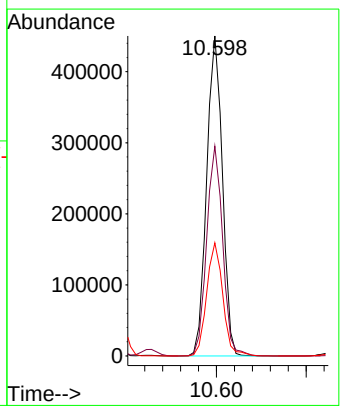


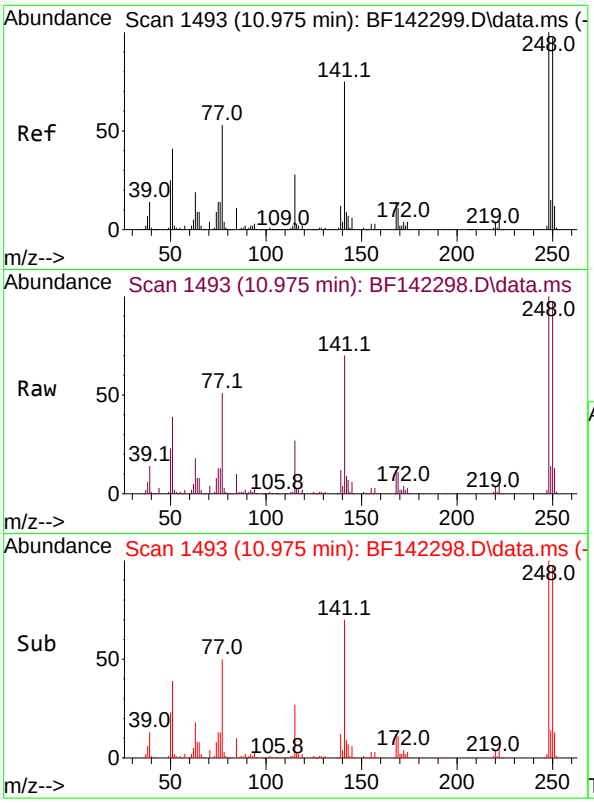


#66
n-Nitrosodiphenylamine
Concen: 20.811 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

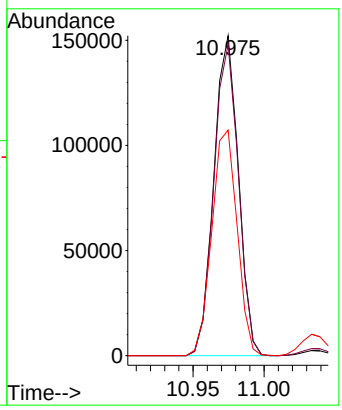
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

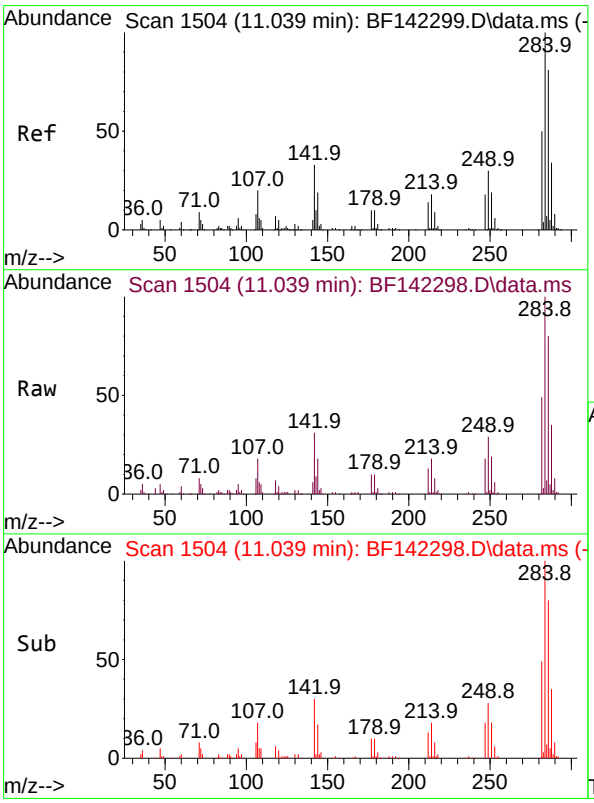
Tgt Ion:248 Resp: 18278

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

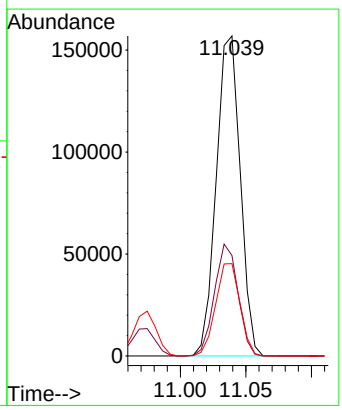


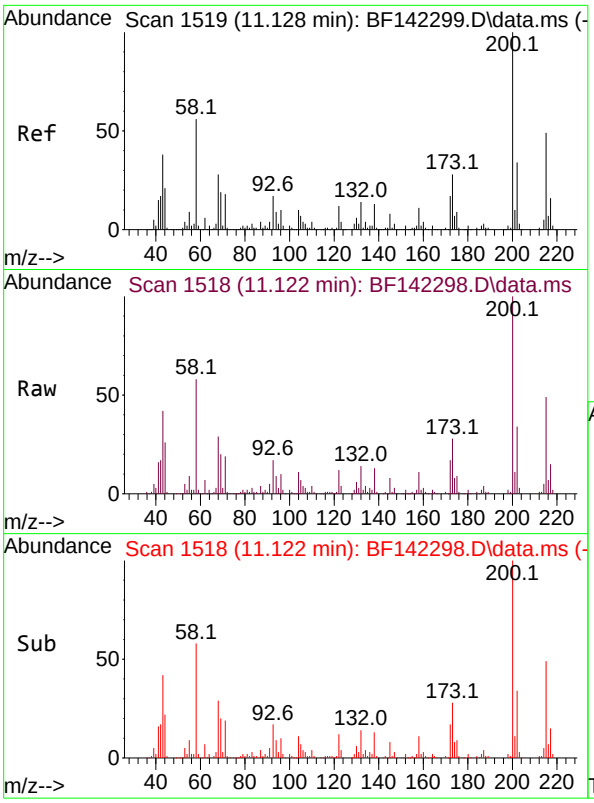


#68
Hexachlorobenzene
Concen: 20.307 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

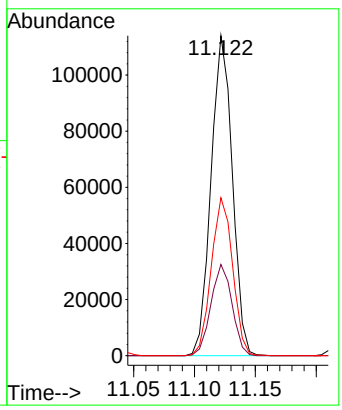




#69
Atrazine
Concen: 20.082 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:200 Resp: 13886

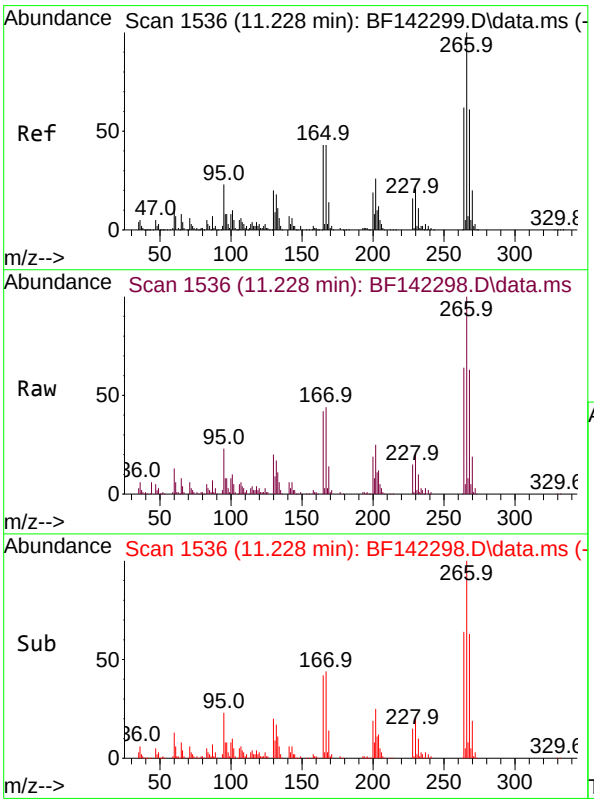
Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.1	48.1
215	49.3	28.8	68.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

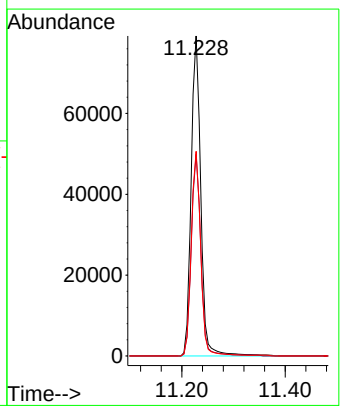
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

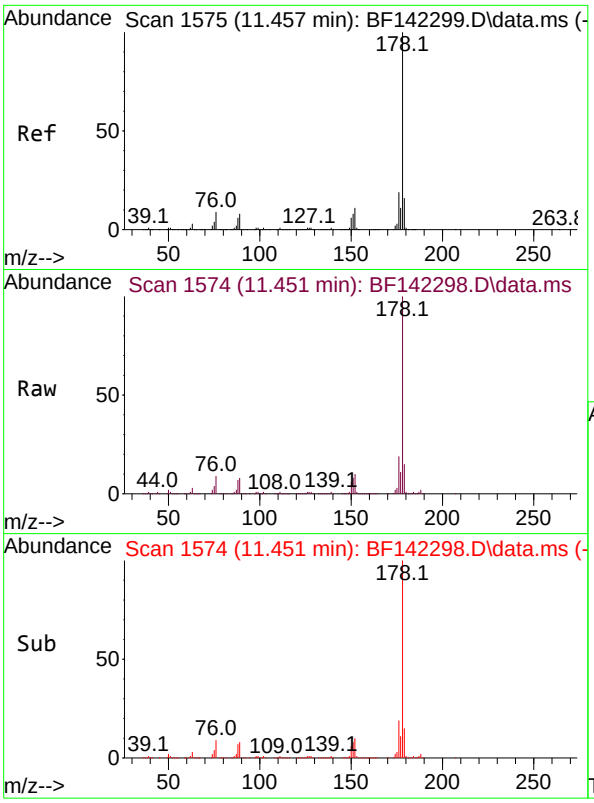


#70
Pentachlorophenol
Concen: 19.845 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

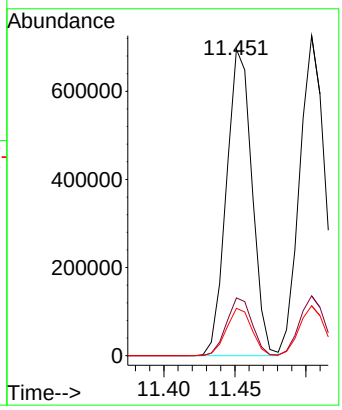




#71
Phenanthrene
Concen: 21.083 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:178 Resp: 87113

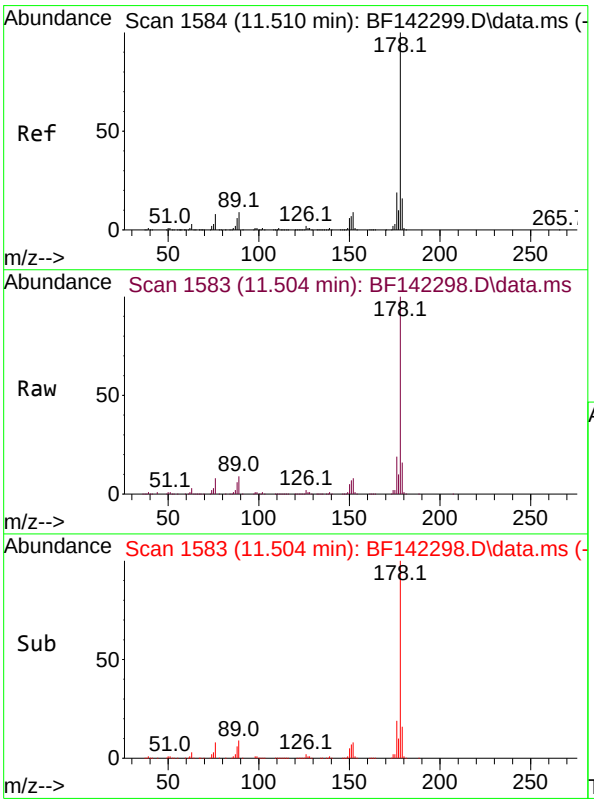
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.5	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

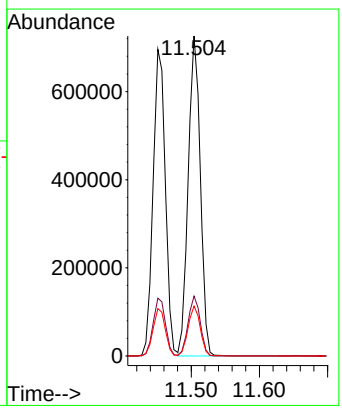
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

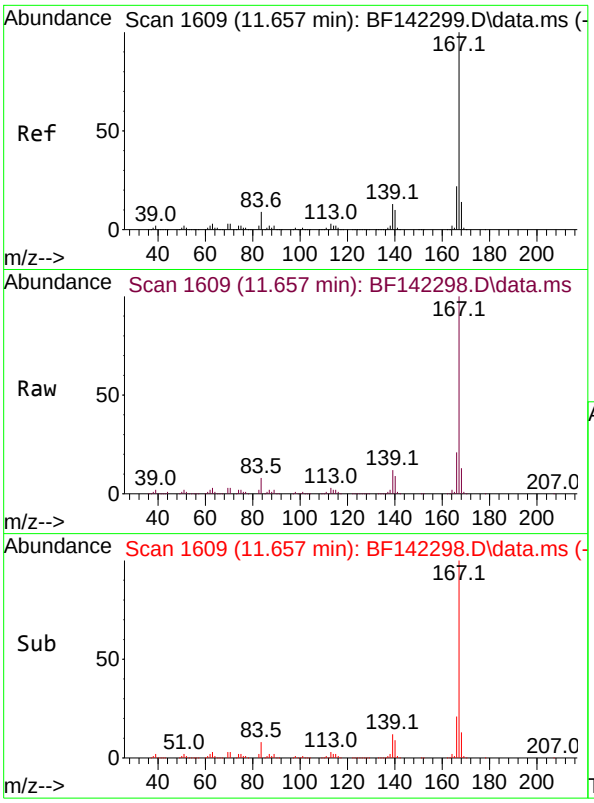


#72
Anthracene
Concen: 21.056 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

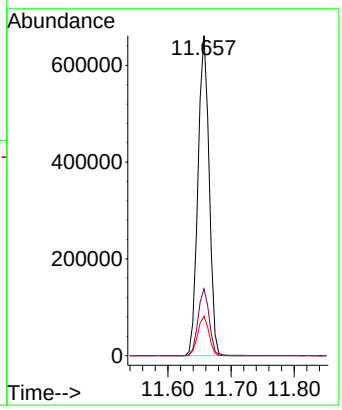




#73
Carbazole
Concen: 21.189 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:167 Resp: 80708

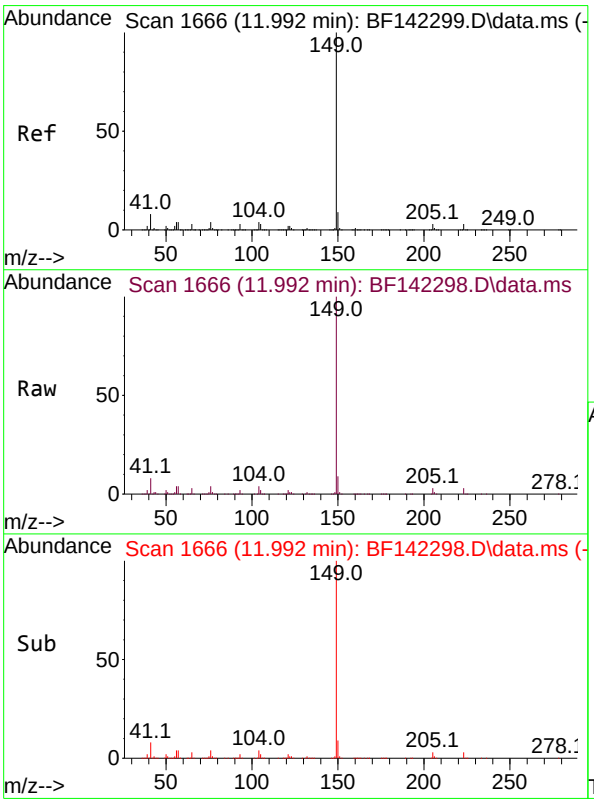
Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.2	25.8
139	12.3	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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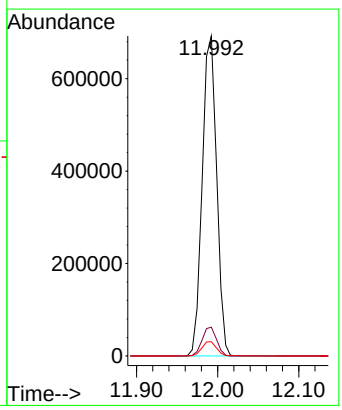
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

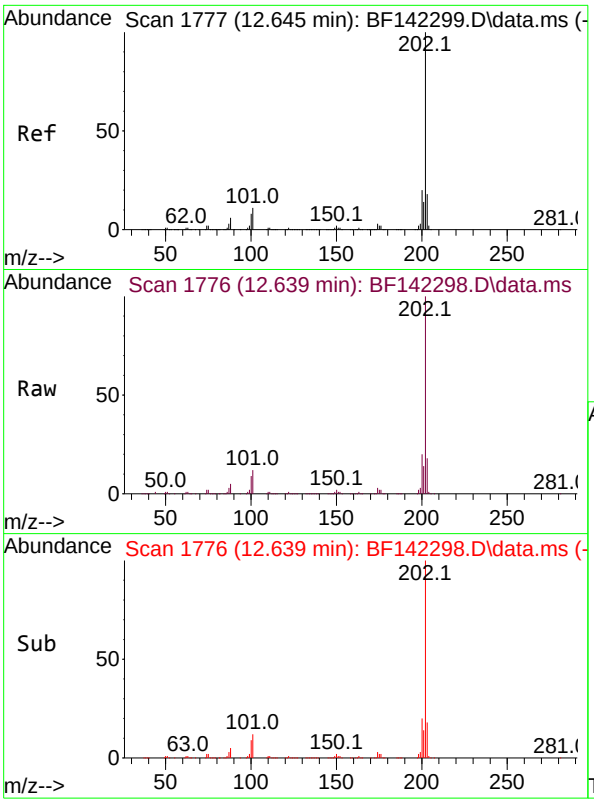


#74
Di-n-butylphthalate
Concen: 21.293 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

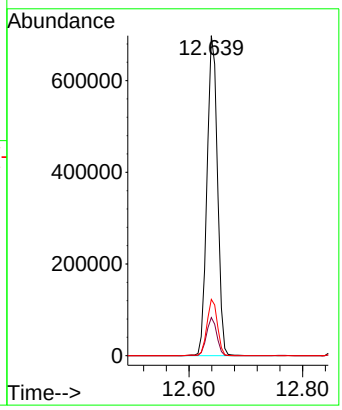
Tgt Ion:202 Resp: 88897

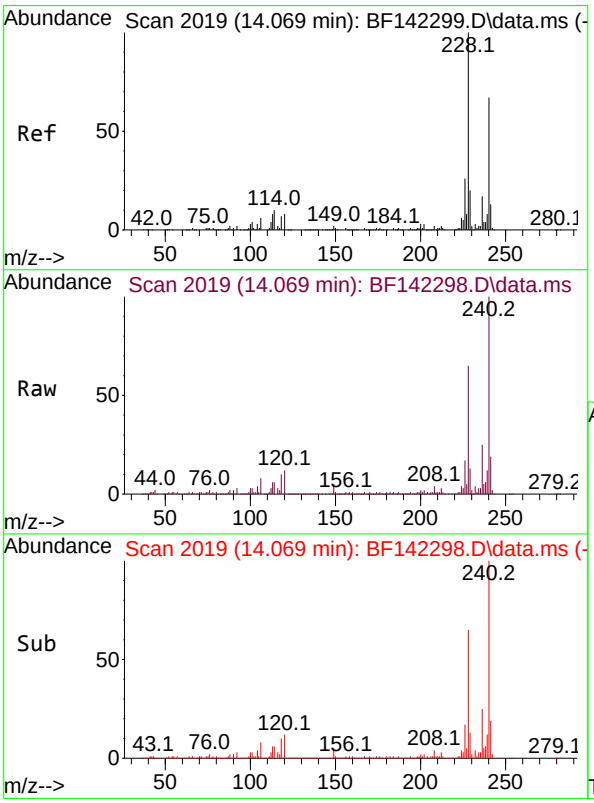
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.4
203	17.6	0.0	37.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

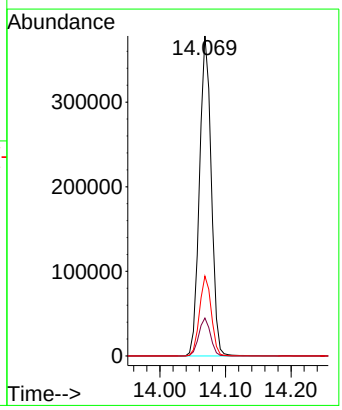


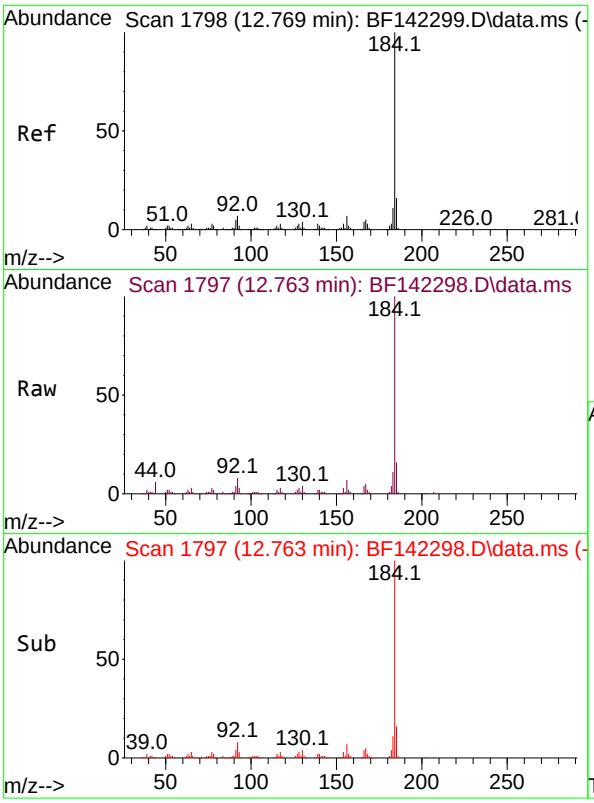


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

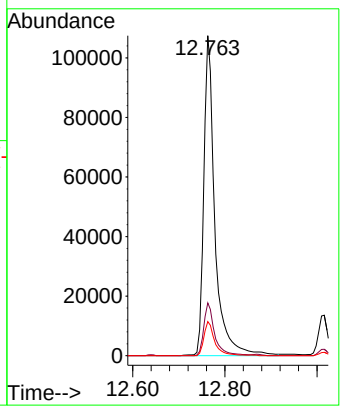




#77
Benzidine
Concen: 21.110 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:184 Resp: 18156

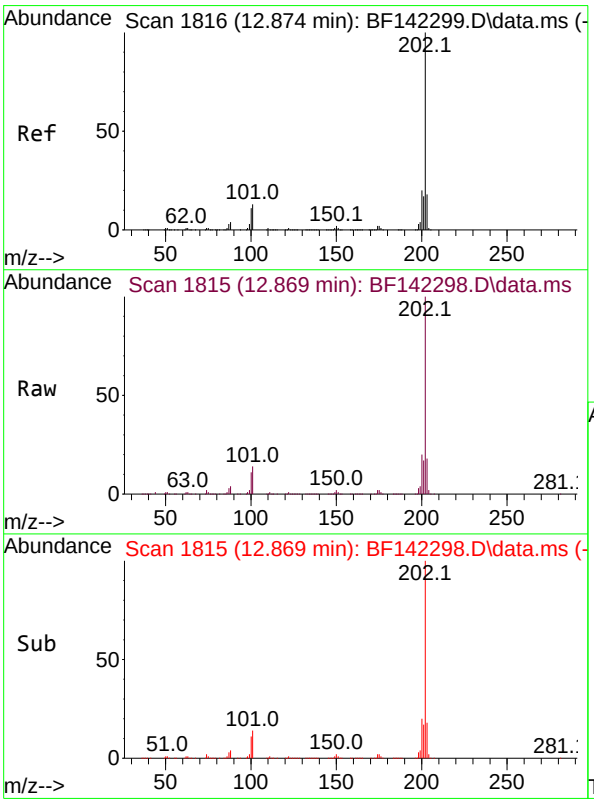
Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.6	18.8
183	10.7	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

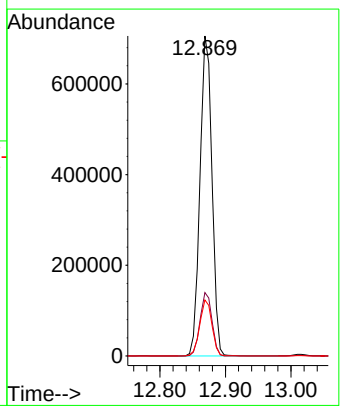
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

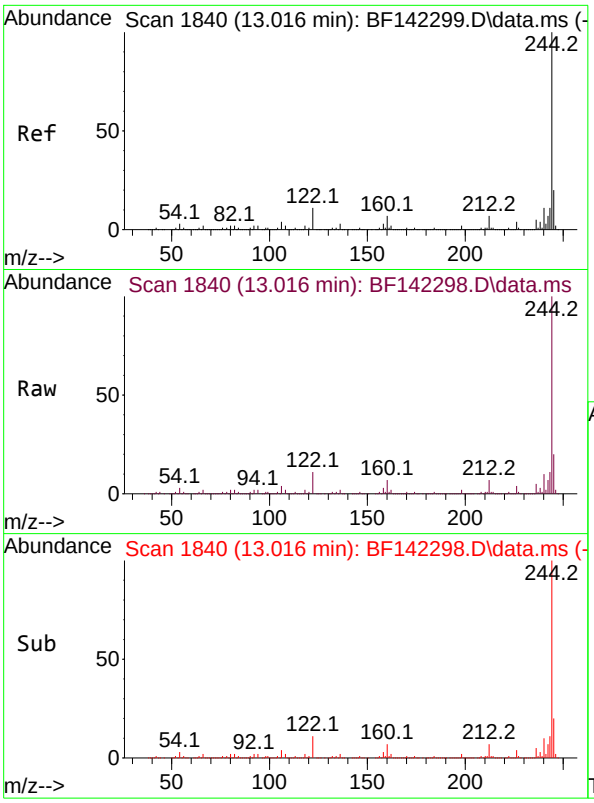


#78
Pyrene
Concen: 21.373 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

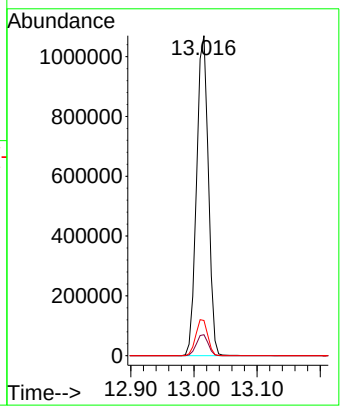




#79
Terphenyl-d14
Concen: 43.222 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:244 Resp: 138206

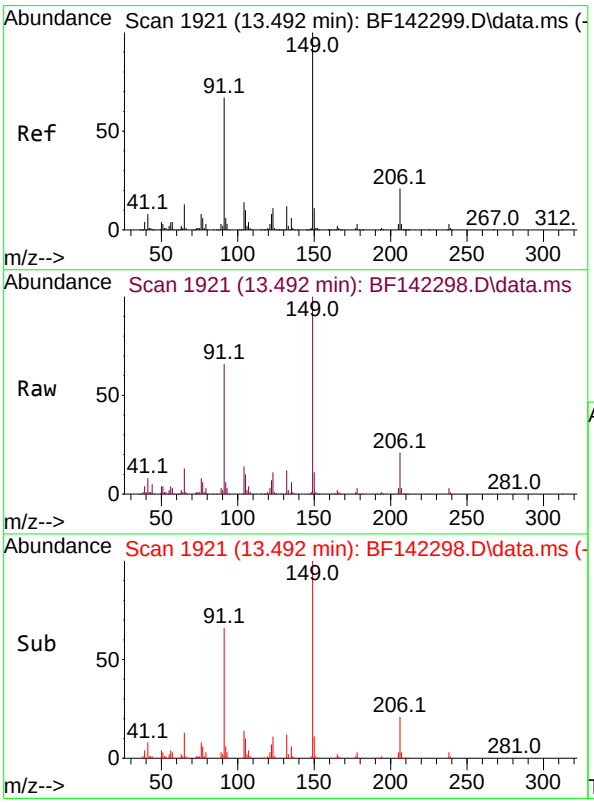
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	11.0	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

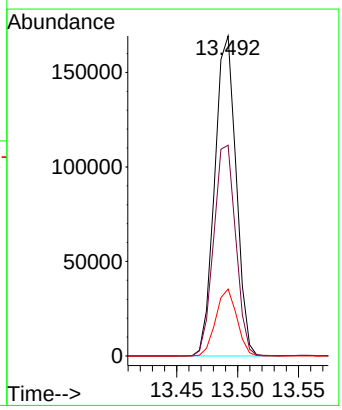
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

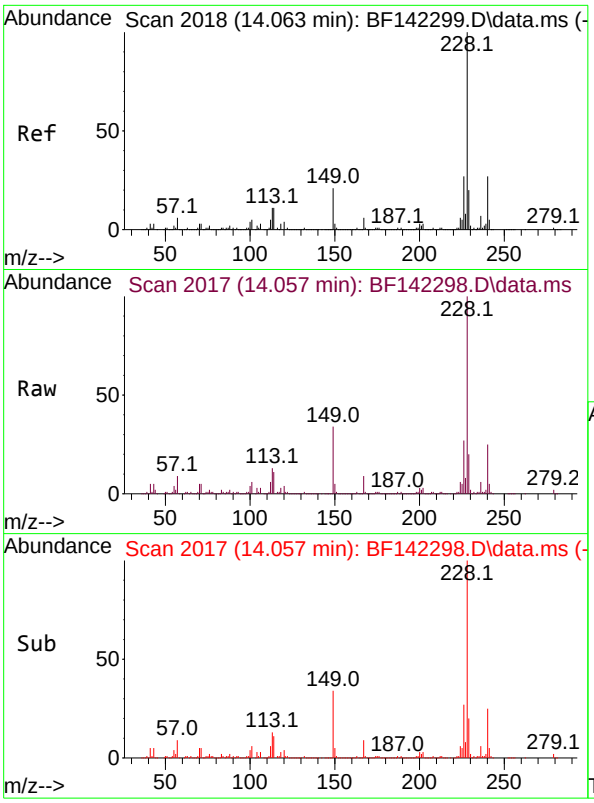


#80
Butylbenzylphthalate
Concen: 19.258 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

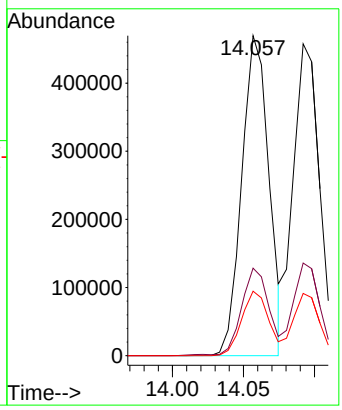




#81
Benzo(a)anthracene
Concen: 20.336 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:228 Resp: 62328

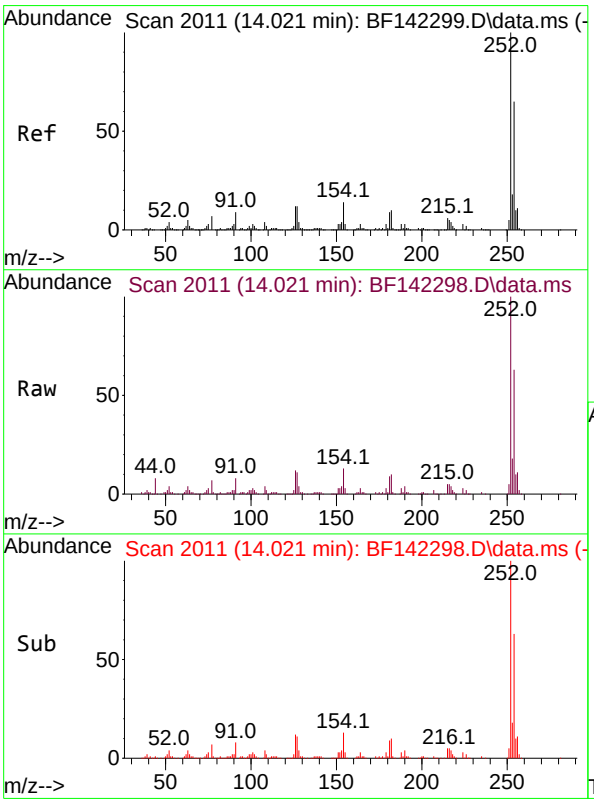
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.5	32.3
229	20.2	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

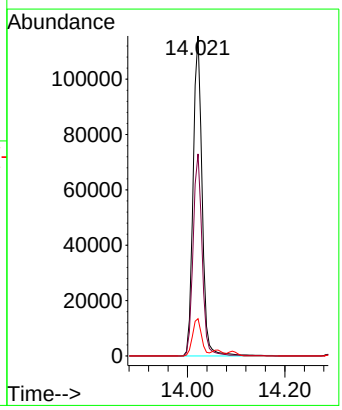
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

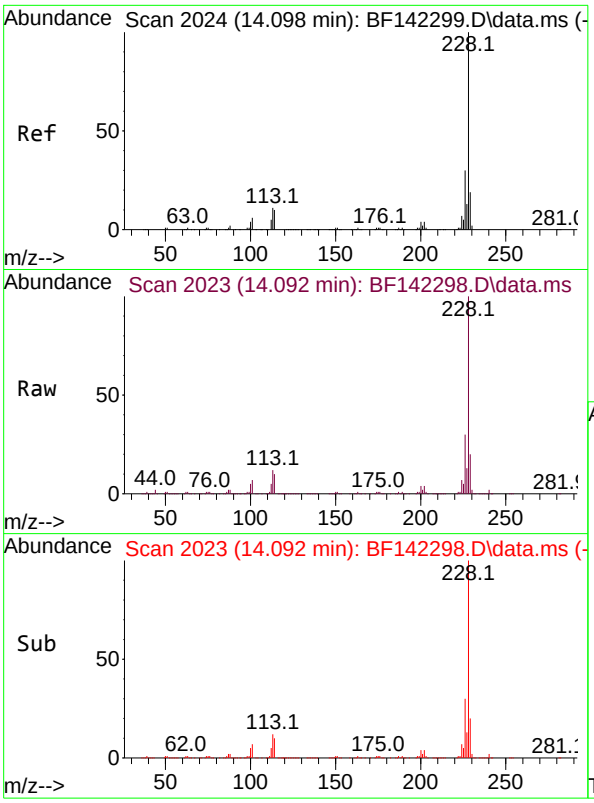


#82
3,3'-Dichlorobenzidine
Concen: 20.978 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

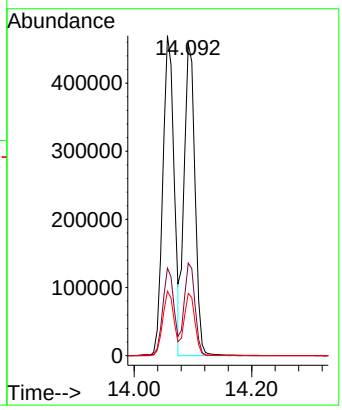




#83
Chrysene
Concen: 20.676 ng
RT: 14.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:228 Resp: 58996

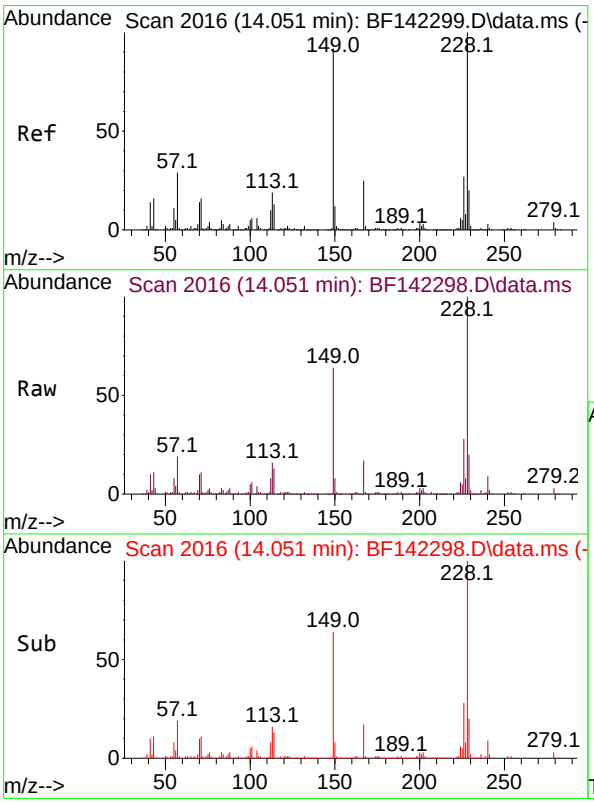
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.9	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

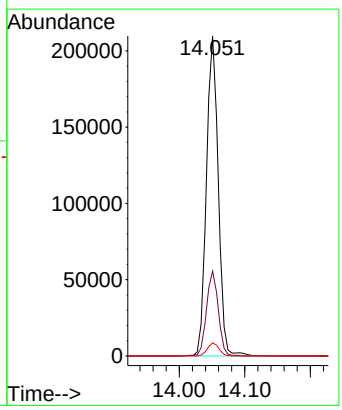
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

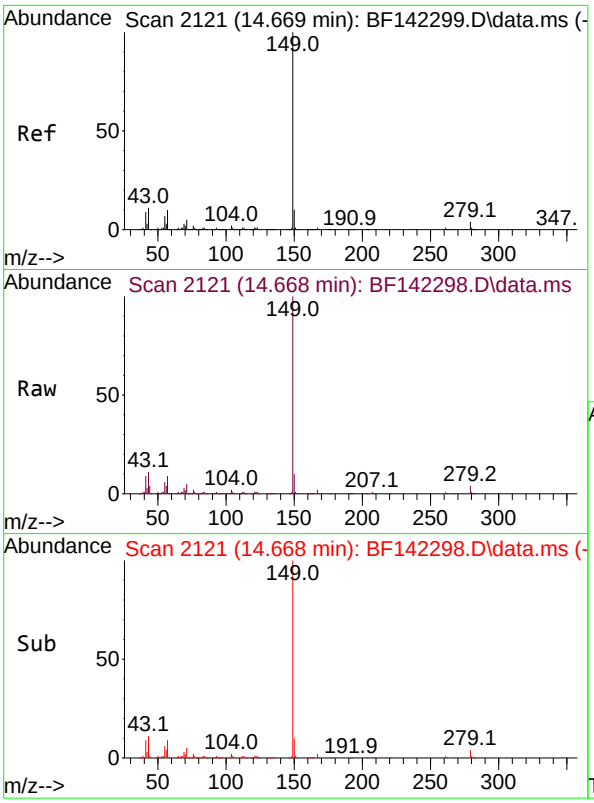


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.237 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

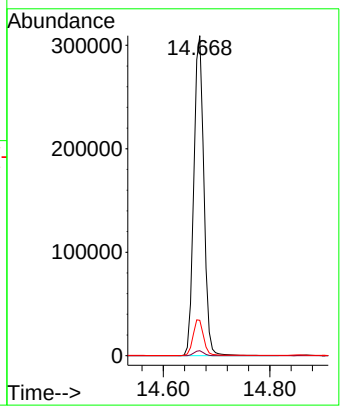
Tgt Ion:149 Resp: 40507

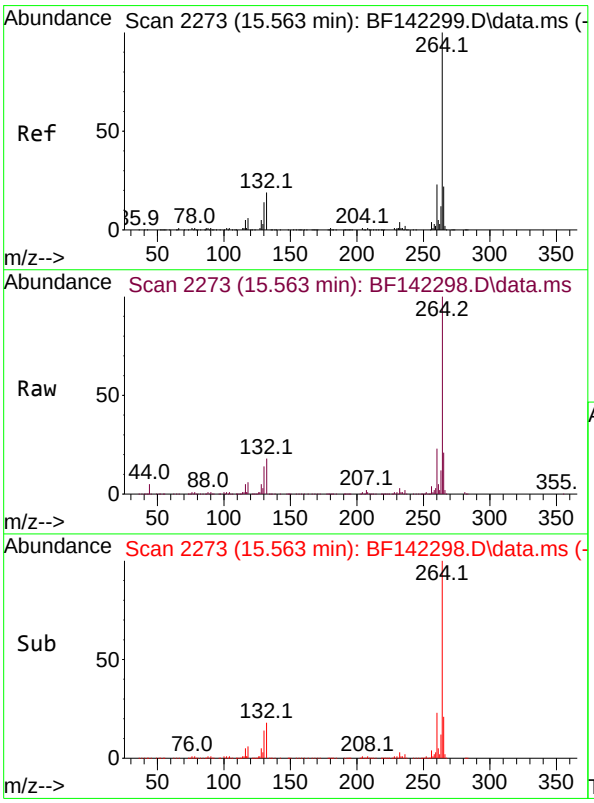
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.8	9.2	13.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

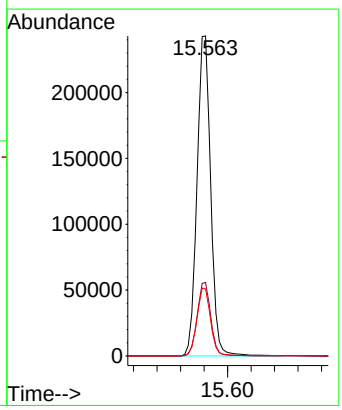


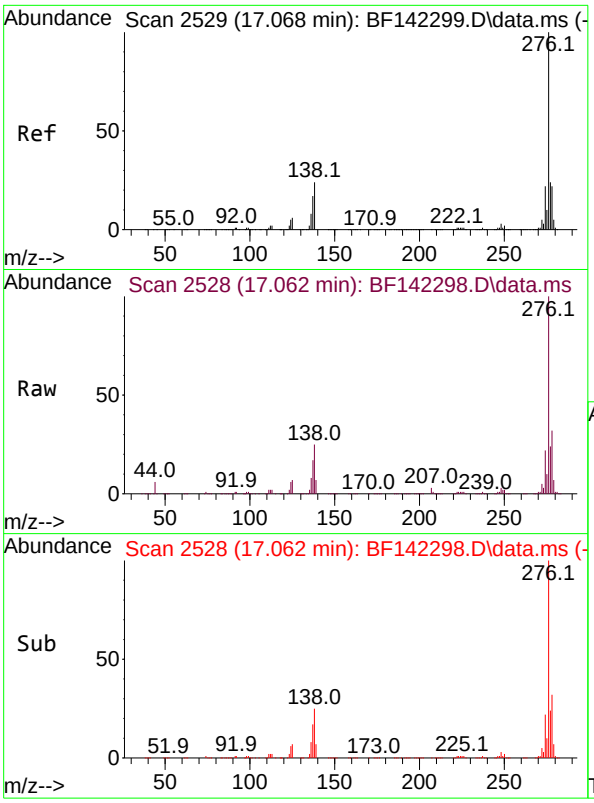


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

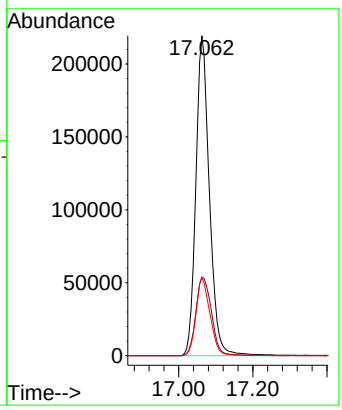




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.421 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:276 Resp: 55696

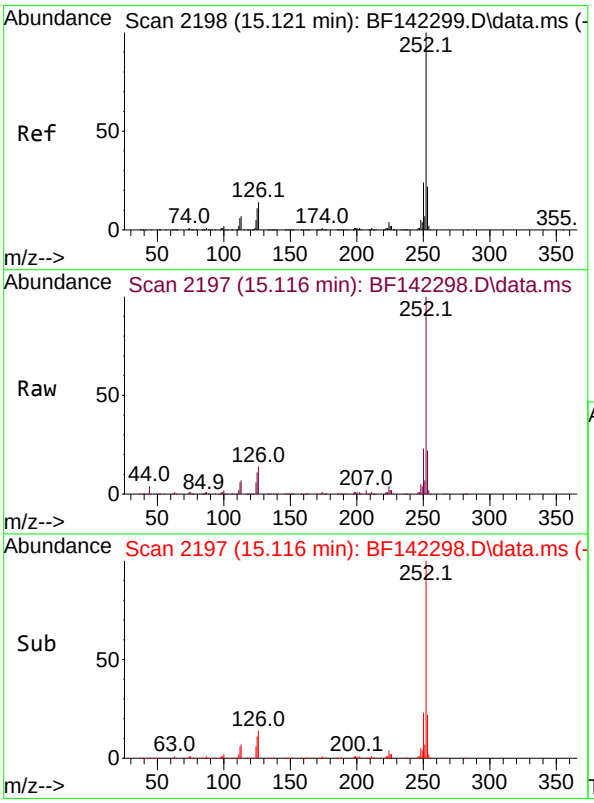
Ion	Ratio	Lower	Upper
276	100		
138	28.3	22.0	33.0
277	25.2	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

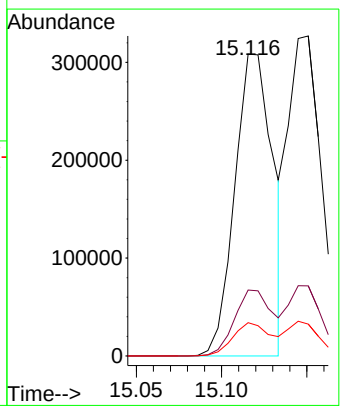
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

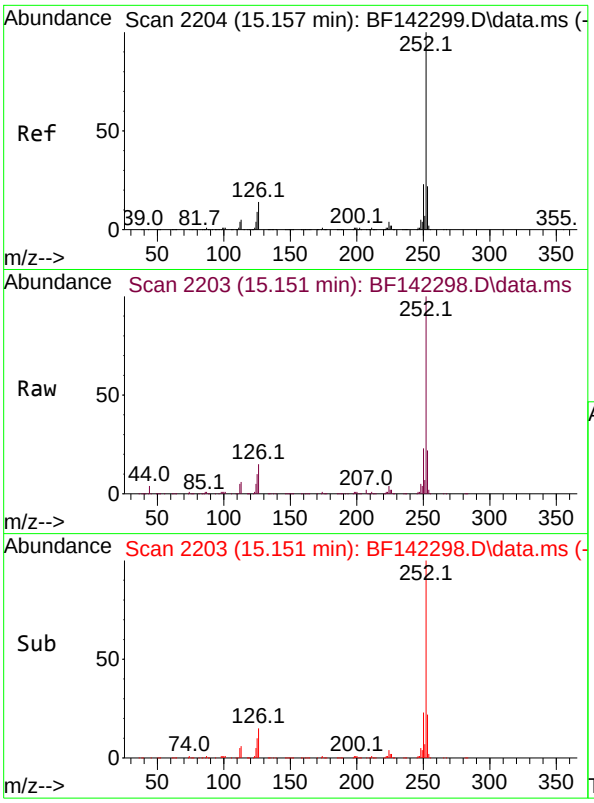


#88
Benzo(b)fluoranthene
Concen: 20.261 ng
RT: 15.116 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

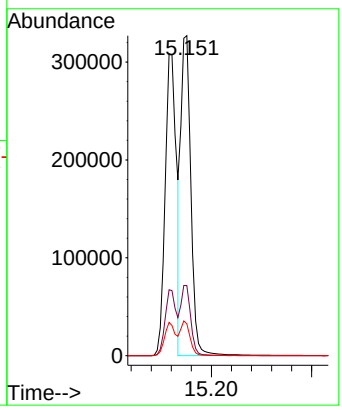




#89
Benzo(k)fluoranthene
Concen: 20.996 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:252 Resp: 45626

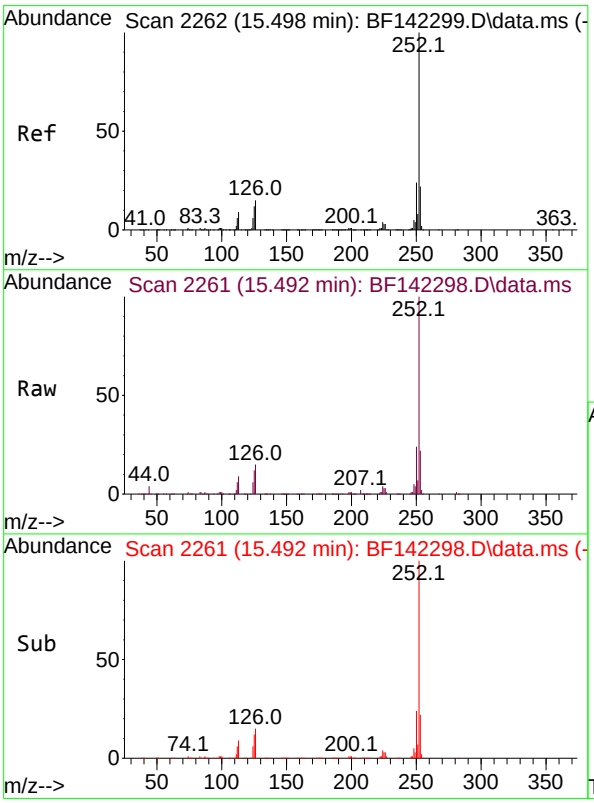
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.0	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

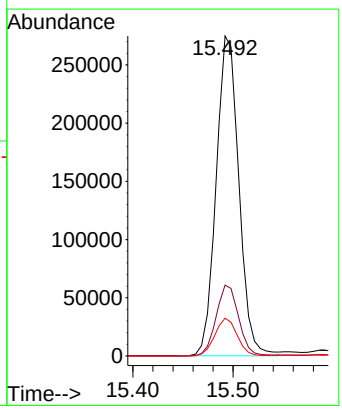
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

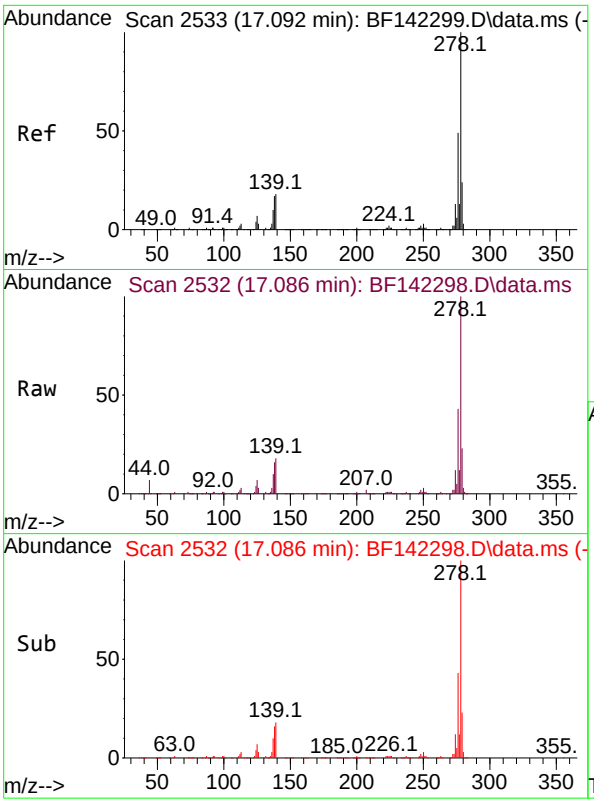


#90
Benzo(a)pyrene
Concen: 20.308 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

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

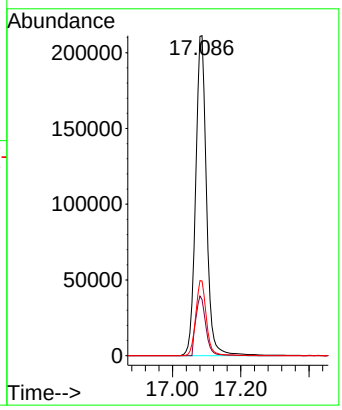




#91
Dibenzo(a,h)anthracene
Concen: 20.783 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:278 Resp: 46830

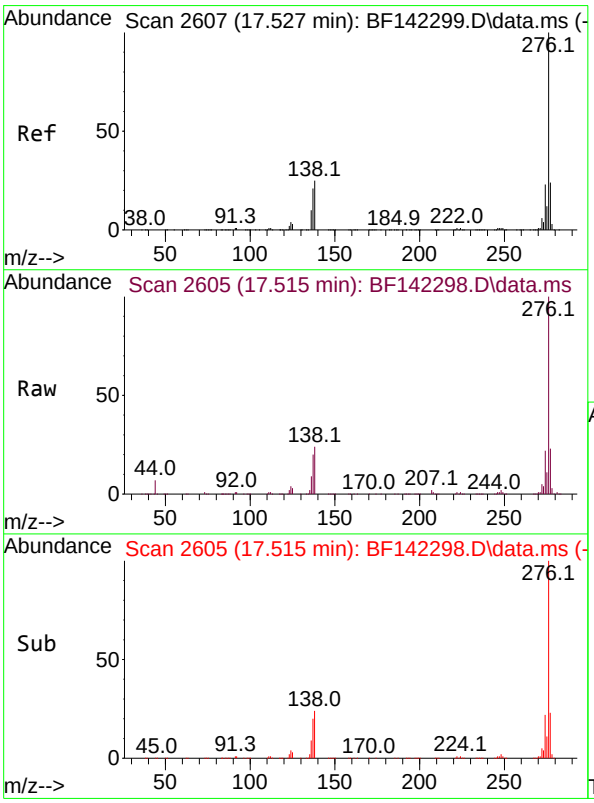
Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.5	21.7
279	23.3	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

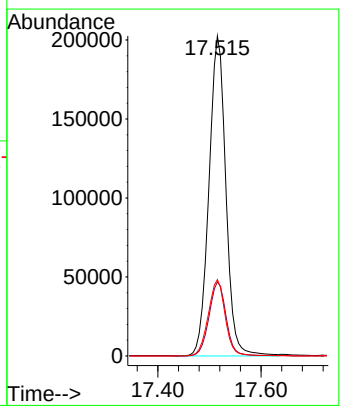
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#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

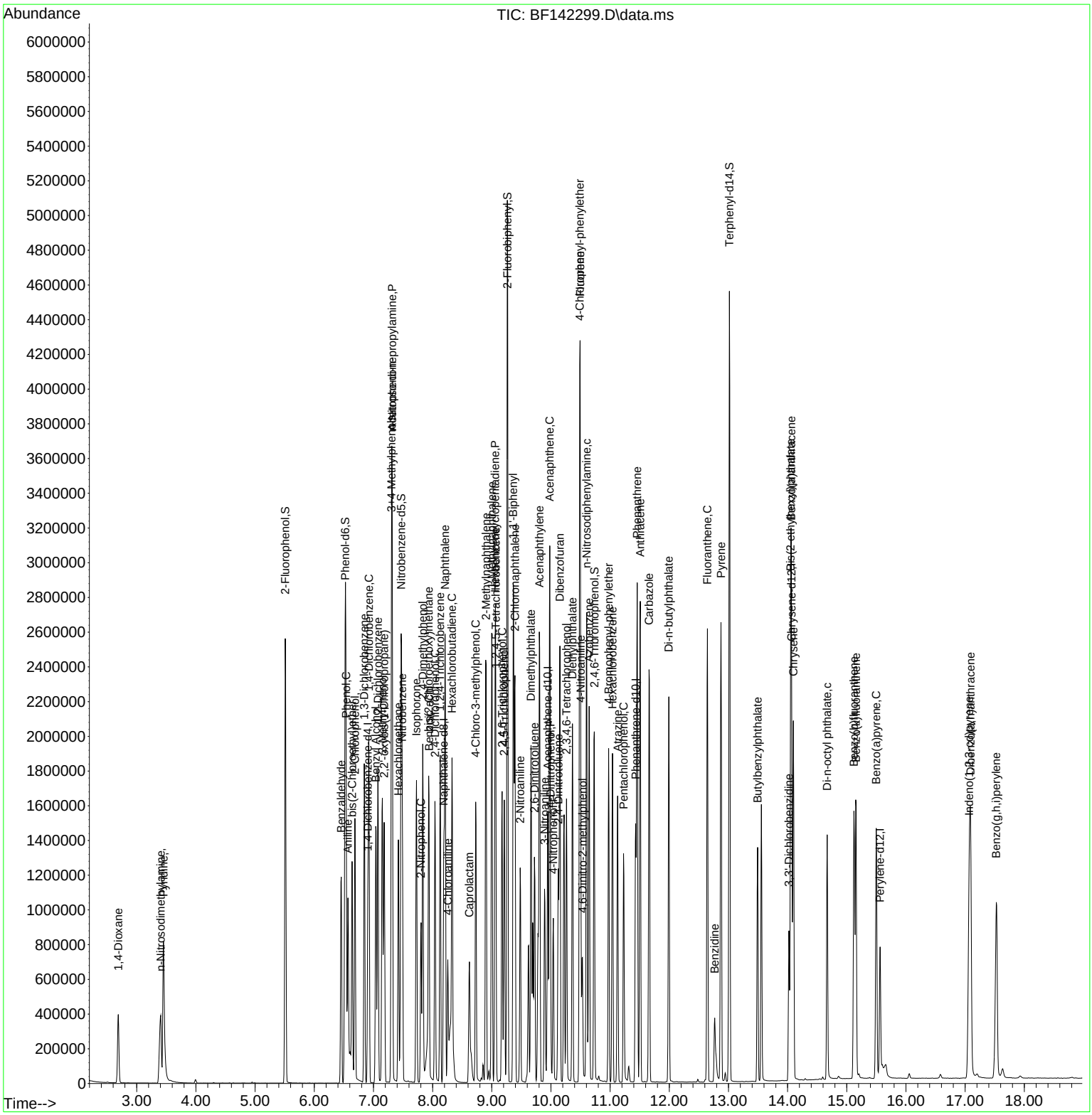
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Data File : BF142299.D
Acq On : 05 May 2025 15:50
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

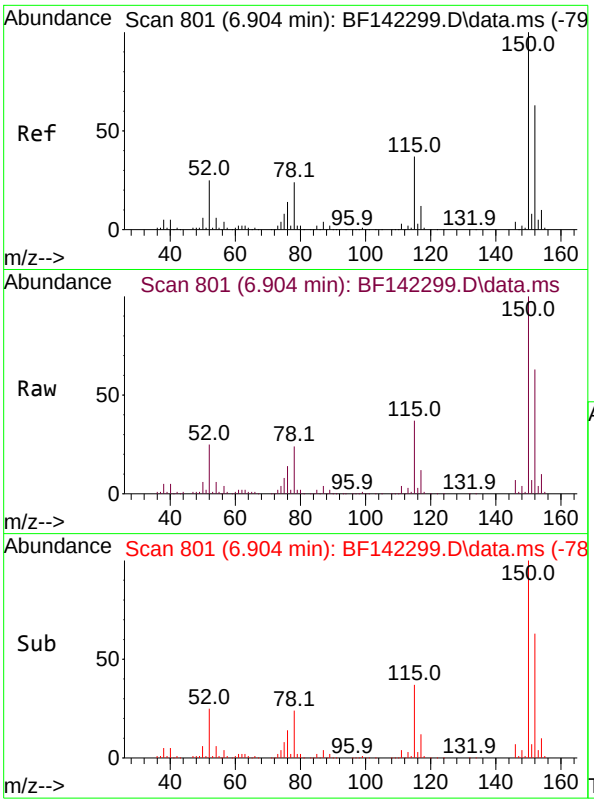
Quant Time: May 05 17:59:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

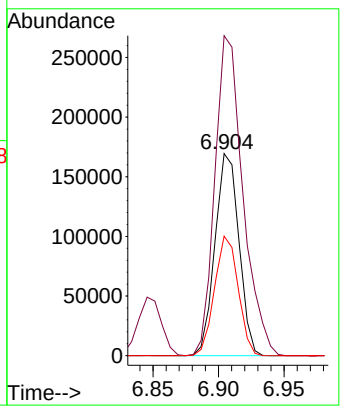




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:152 Resp: 21515

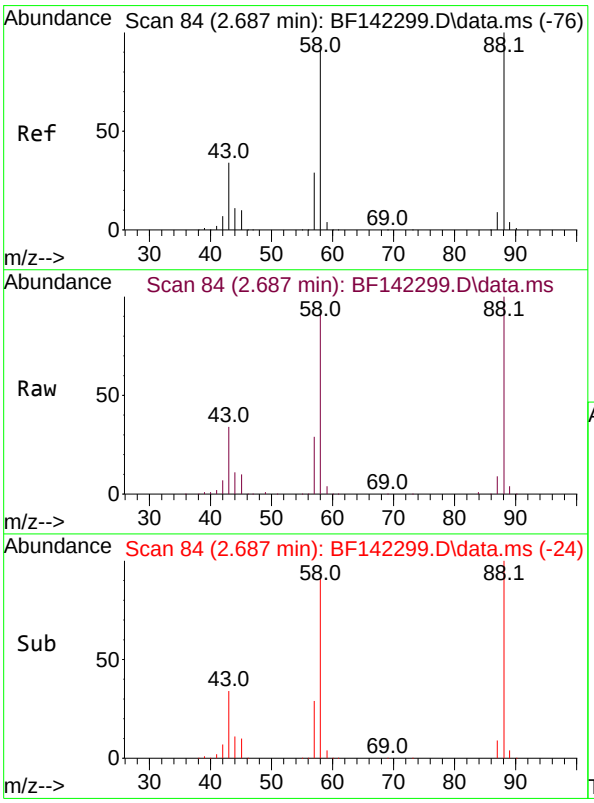
Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.6	190.0
115	59.1	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

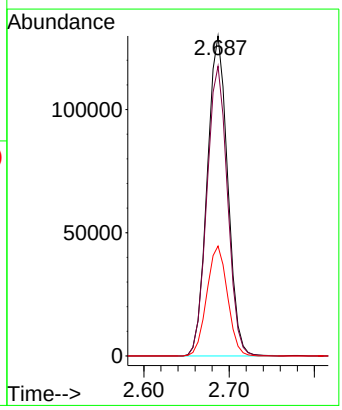
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

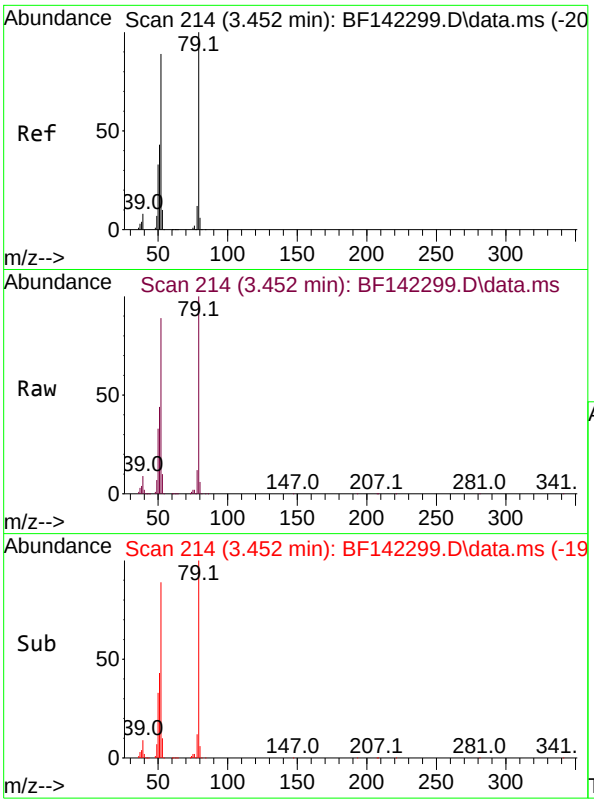


#2
1,4-Dioxane
Concen: 38.137 ng
RT: 2.687 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

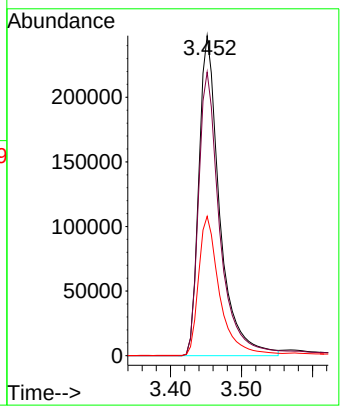




#3
Pyridine
Concen: 37.907 ng
RT: 3.452 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 79 Resp: 505899

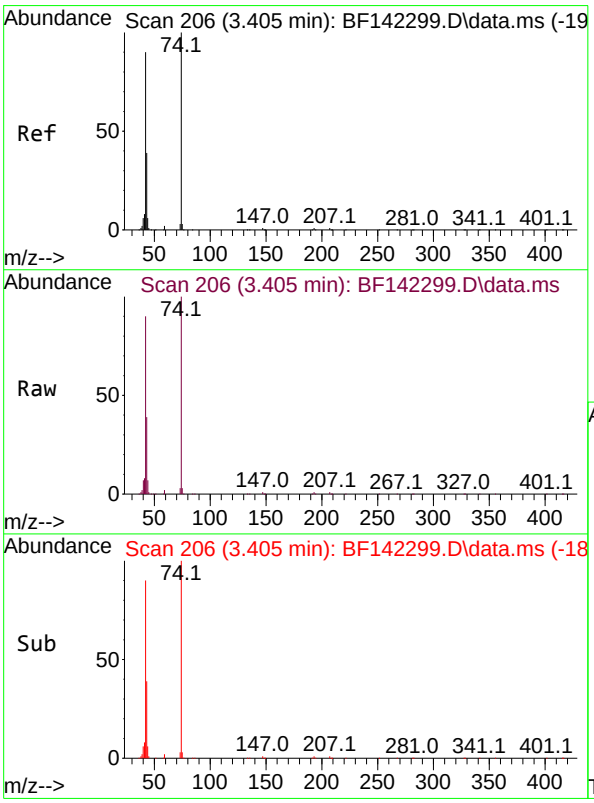
Ion	Ratio	Lower	Upper
79	100		
52	88.7	71.0	106.4
51	43.6	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

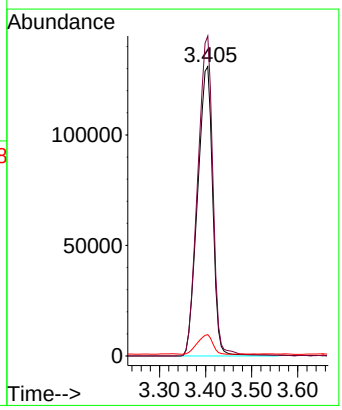
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

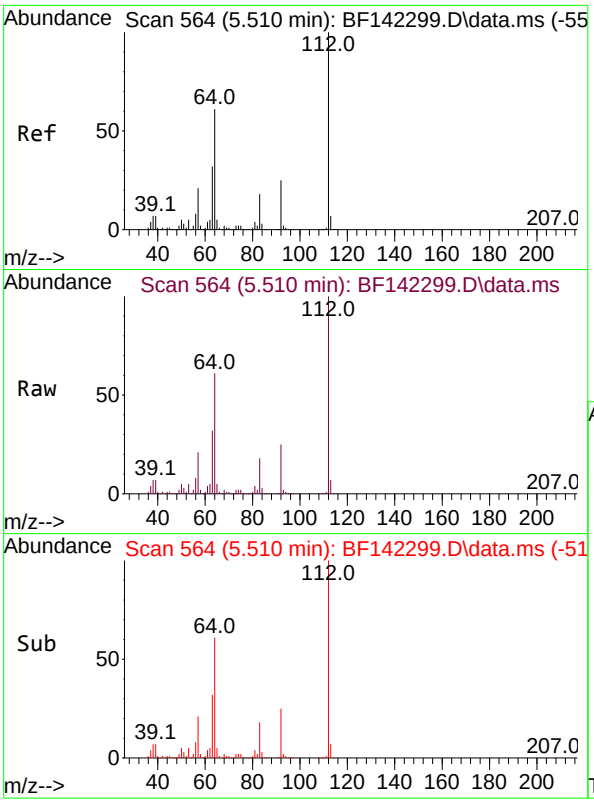


#4
n-Nitrosodimethylamine
Concen: 38.681 ng
RT: 3.405 min Scan# 206
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

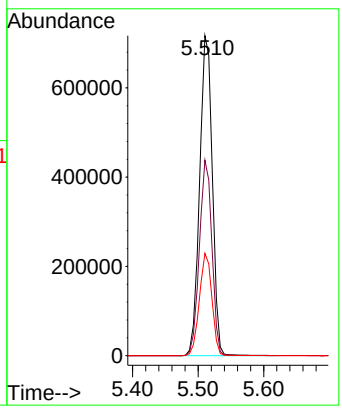




#5
2-Fluorophenol
Concen: 76.859 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:112 Resp: 96871

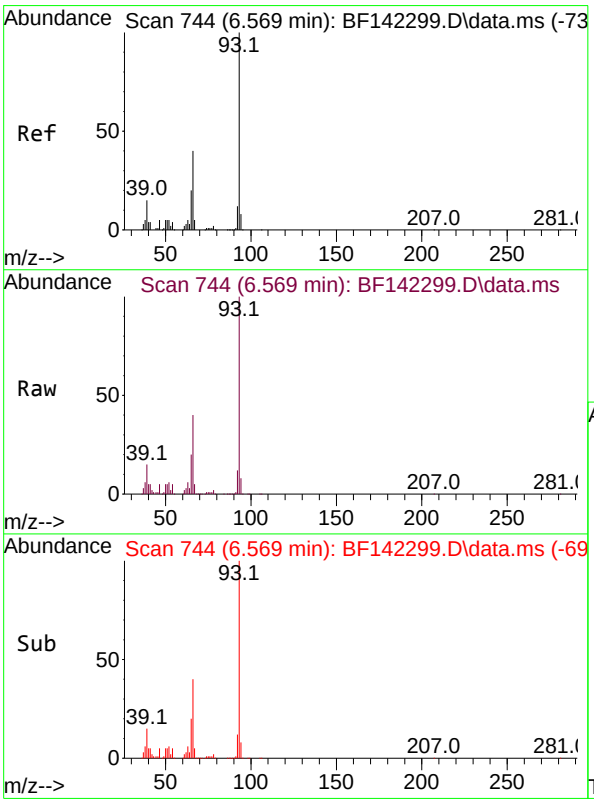
Ion	Ratio	Lower	Upper
112	100		
64	61.1	48.9	73.3
63	32.0	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

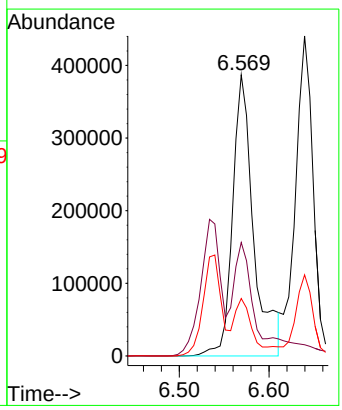
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

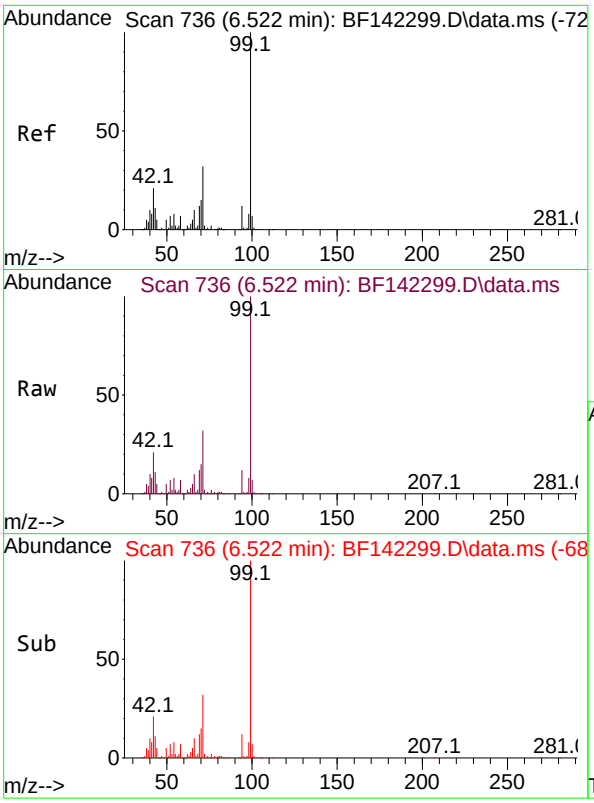


#6
Aniline
Concen: 41.514 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

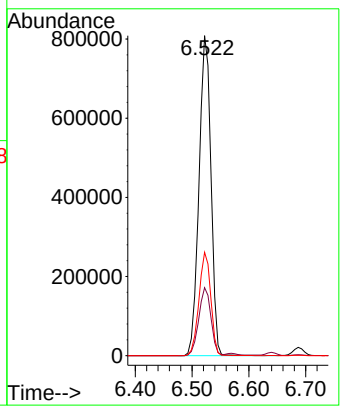




#7
Phenol-d6
Concen: 76.311 ng
RT: 6.522 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 99 Resp: 118295

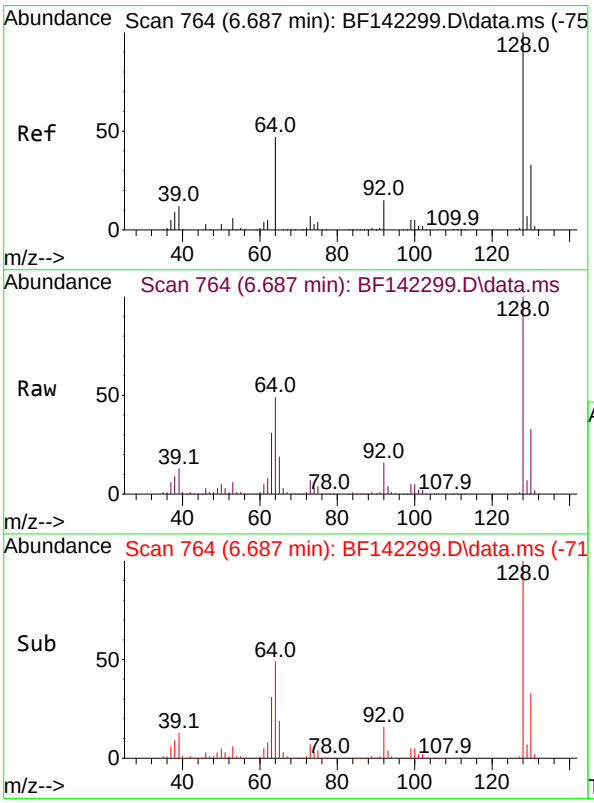
Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.4
71	32.3	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

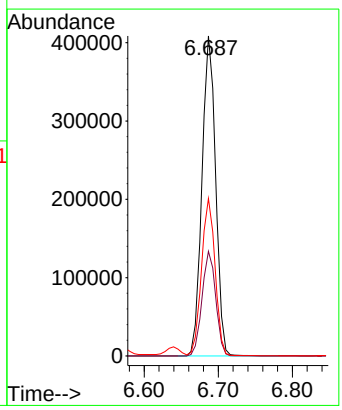
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

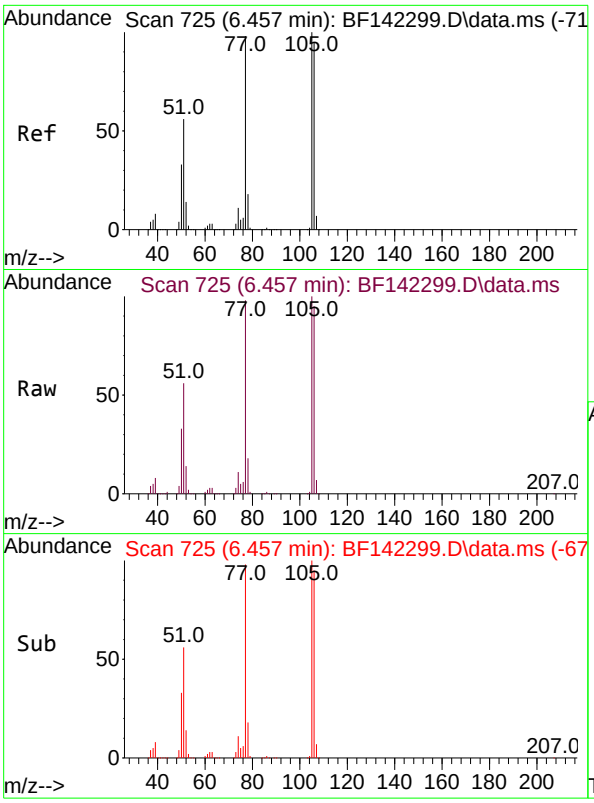


#8
2-Chlorophenol
Concen: 39.017 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

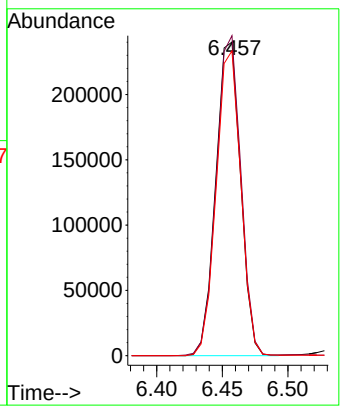




#9
Benzaldehyde
Concen: 34.827 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 77 Resp: 31598

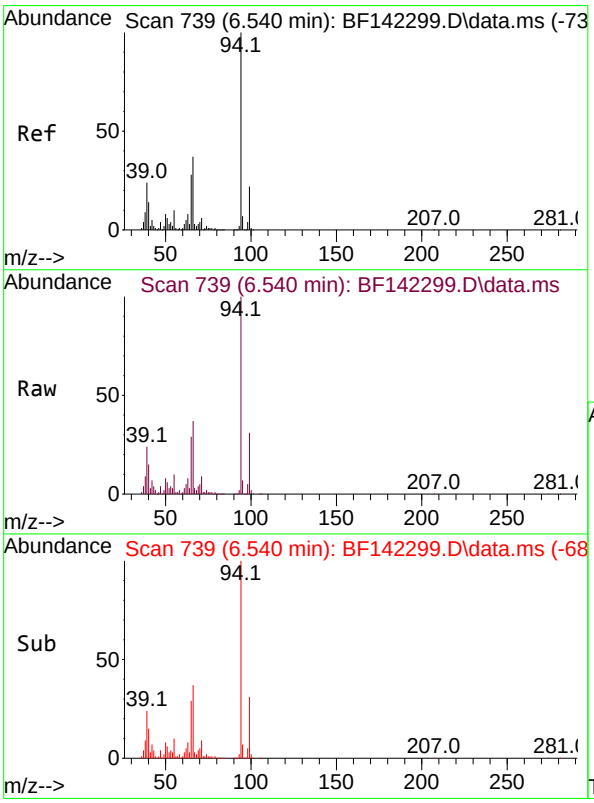
Ion	Ratio	Lower	Upper
77	100		
105	102.0	82.0	122.0
106	97.2	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

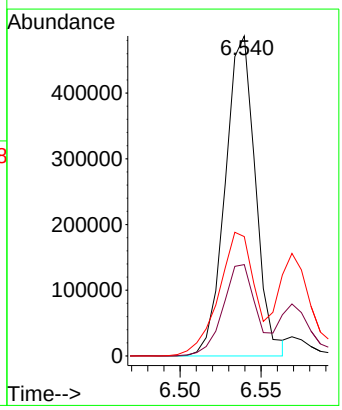
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

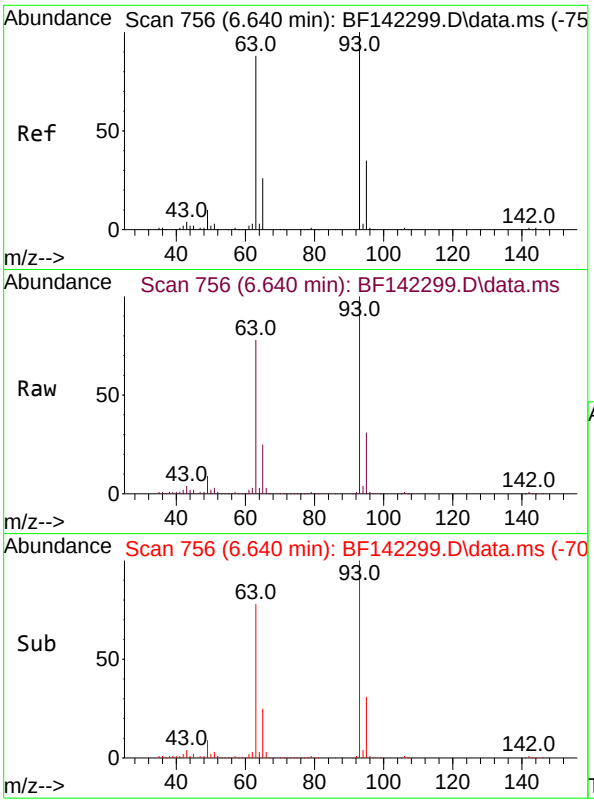


#10
Phenol
Concen: 38.550 ng m
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

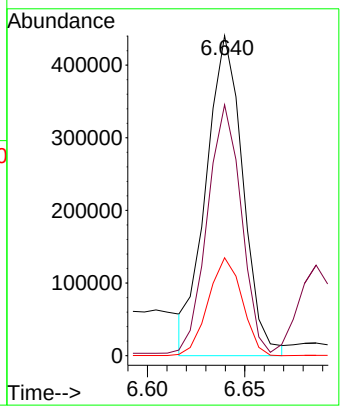




#11
bis(2-Chloroethyl)ether
Concen: 35.924 ng m
RT: 6.640 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 93 Resp: 58212

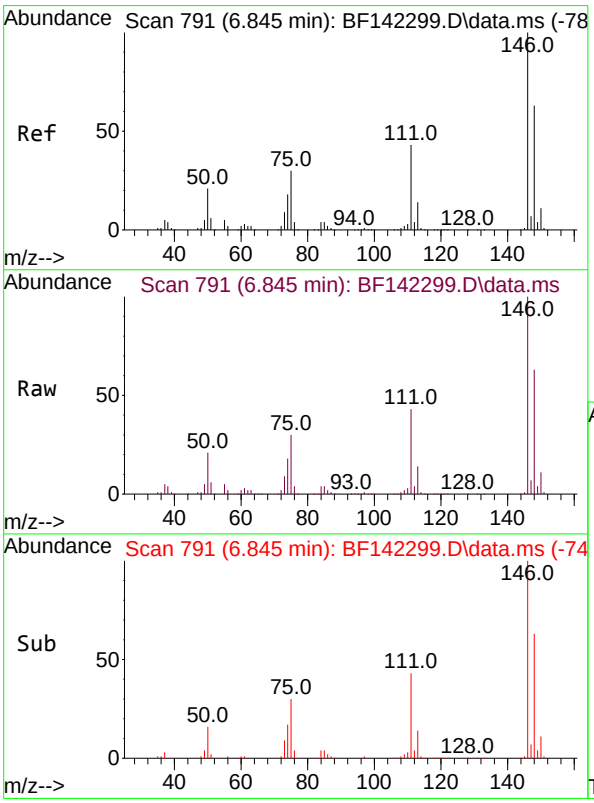
Ion	Ratio	Lower	Upper
93	100		
63	78.4	58.4	98.4
95	30.6	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

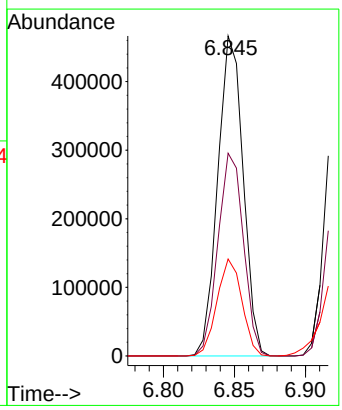
Reviewed By :Rahul Chavli 05/06/2025
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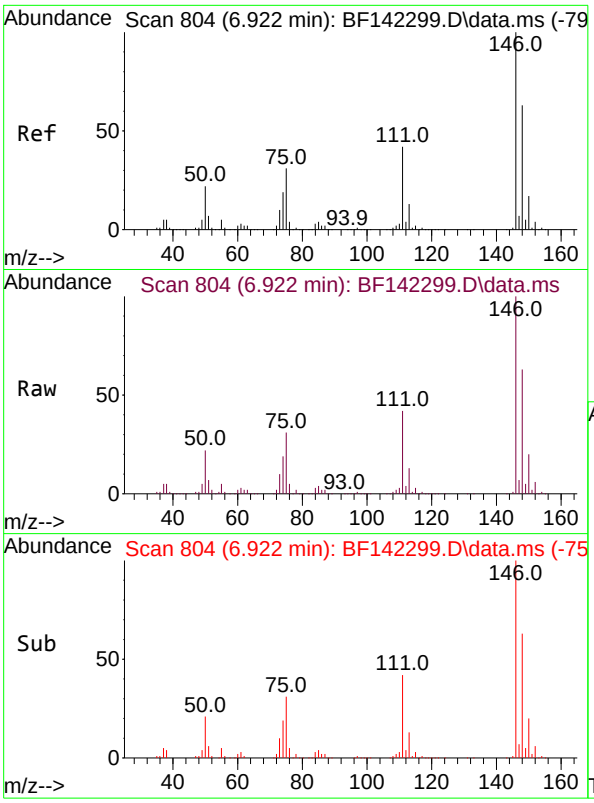


#12
1,3-Dichlorobenzene
Concen: 37.624 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

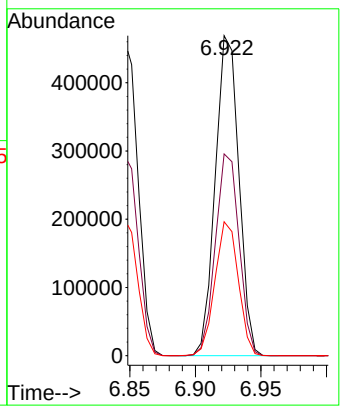




#13
1,4-Dichlorobenzene
Concen: 37.927 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:146 Resp: 58677

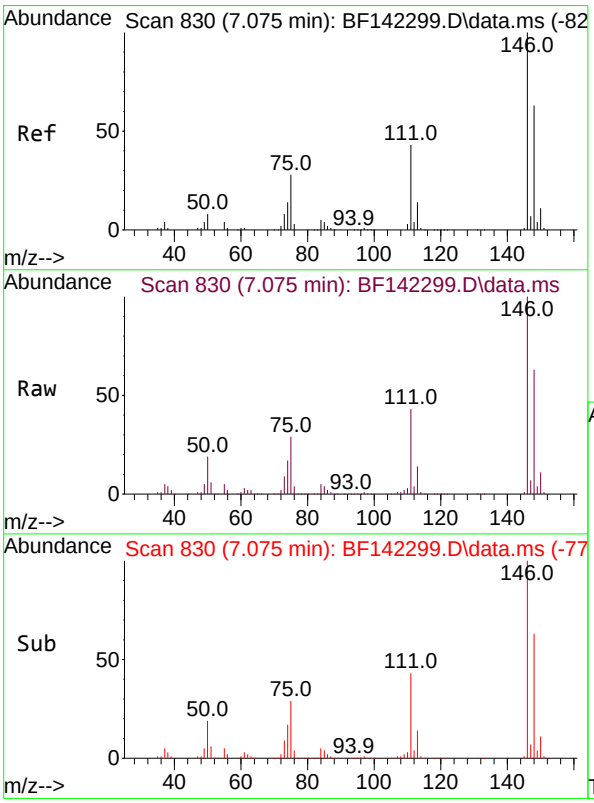
Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	41.8	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

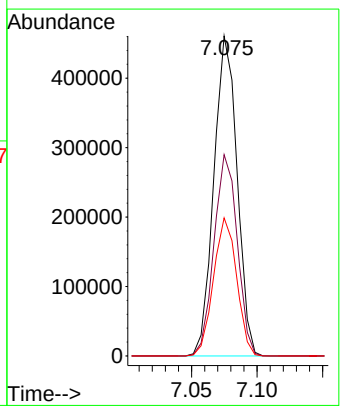
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

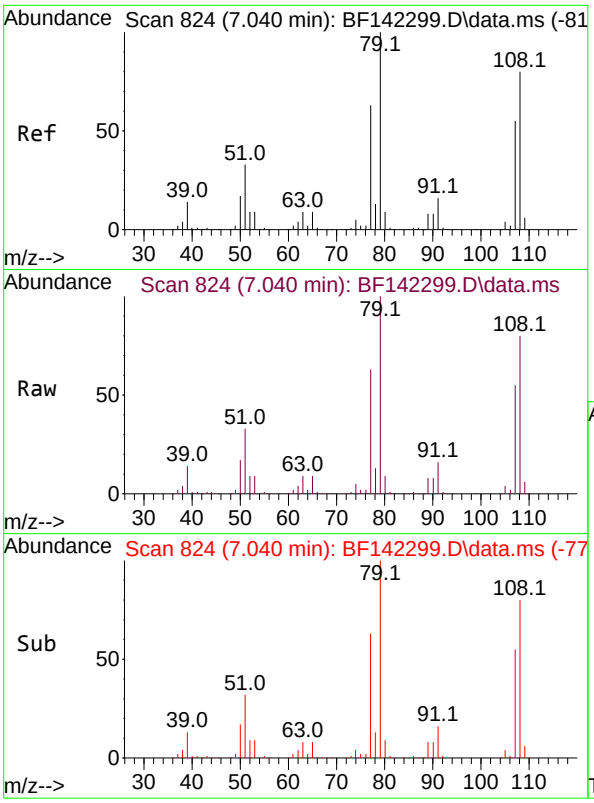


#14
1,2-Dichlorobenzene
Concen: 38.177 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

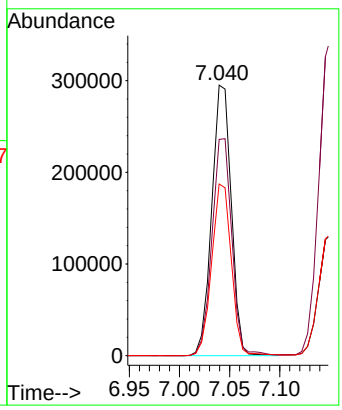
Tgt Ion: 79 Resp: 39954

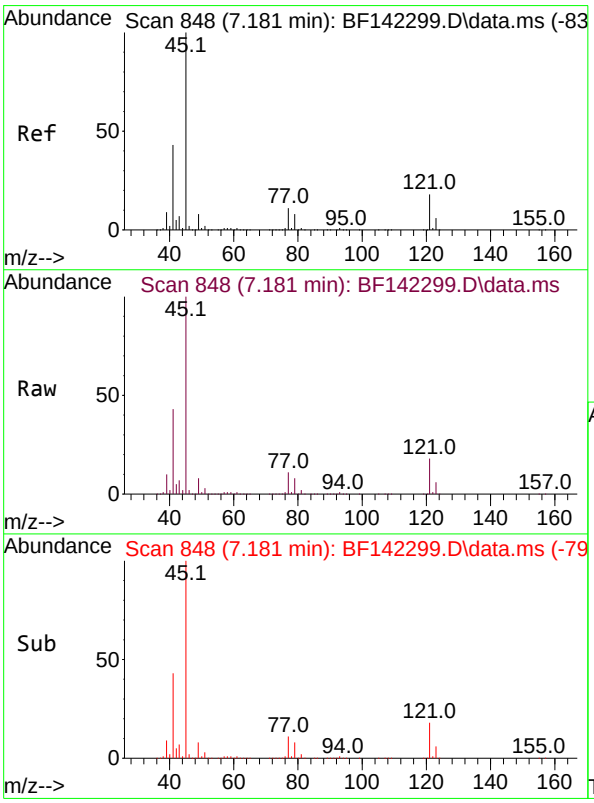
Ion	Ratio	Lower	Upper
79	100		
108	79.9	63.9	95.9
77	63.4	50.7	76.1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

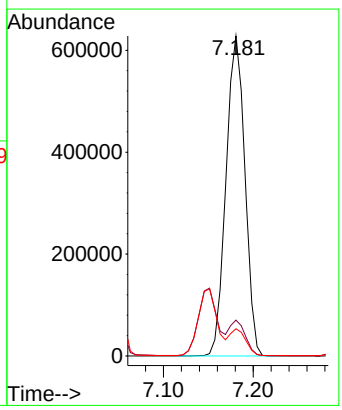


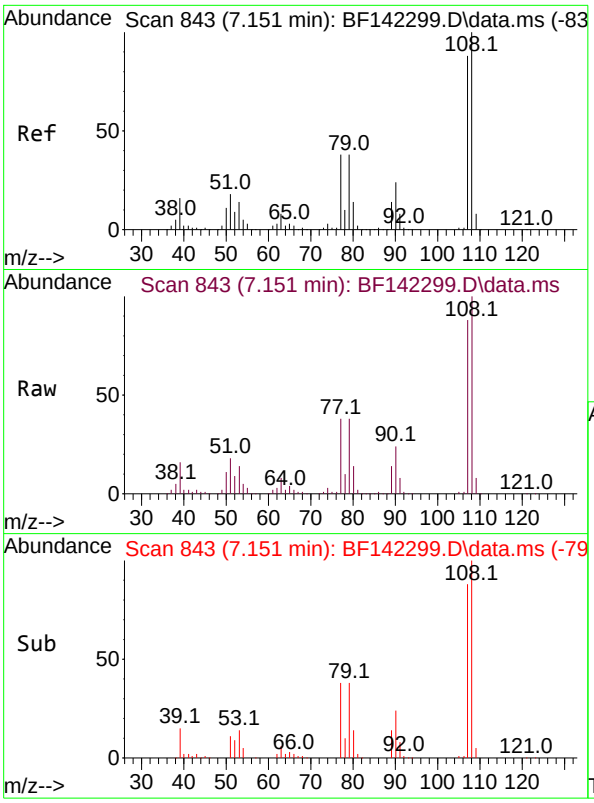


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.969 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

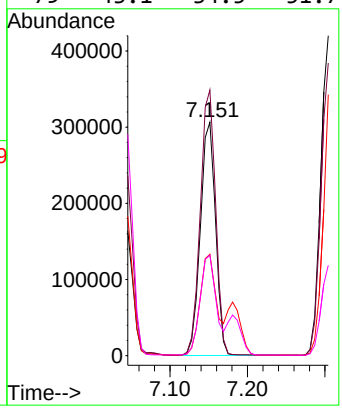




#17
2-Methylphenol
Concen: 38.341 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:107 Resp: 41808

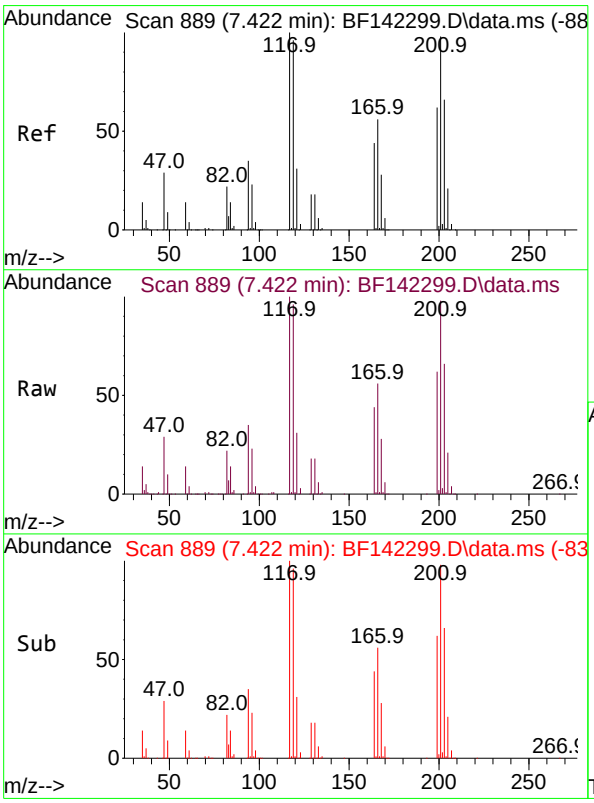
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.1	136.7
77	43.4	34.7	52.1
79	43.1	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

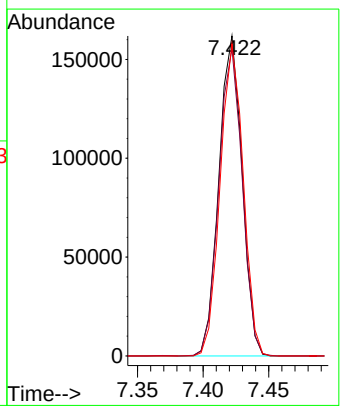
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

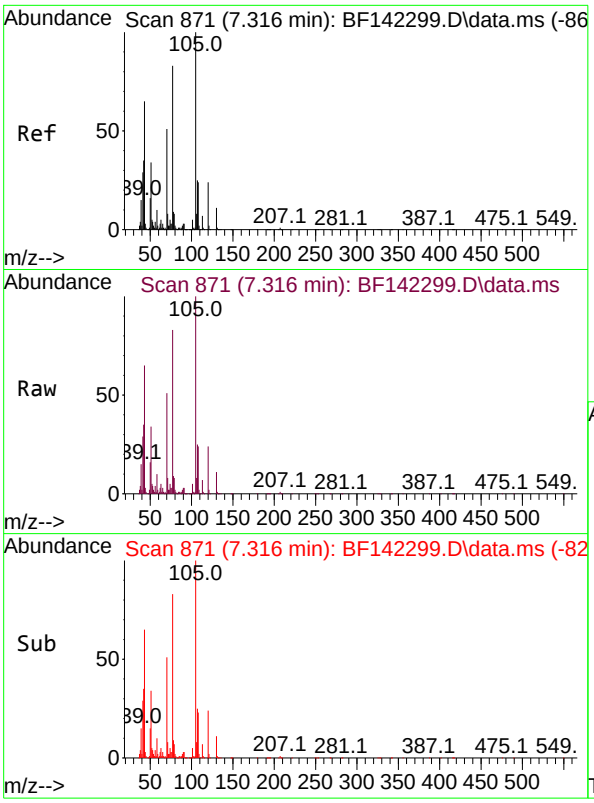


#18
Hexachloroethane
Concen: 38.694 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

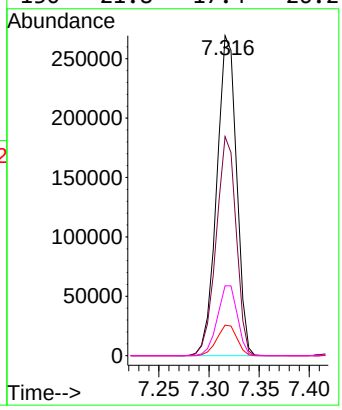




#19
n-Nitroso-di-n-propylamine
Concen: 38.588 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 70 Resp: 37000

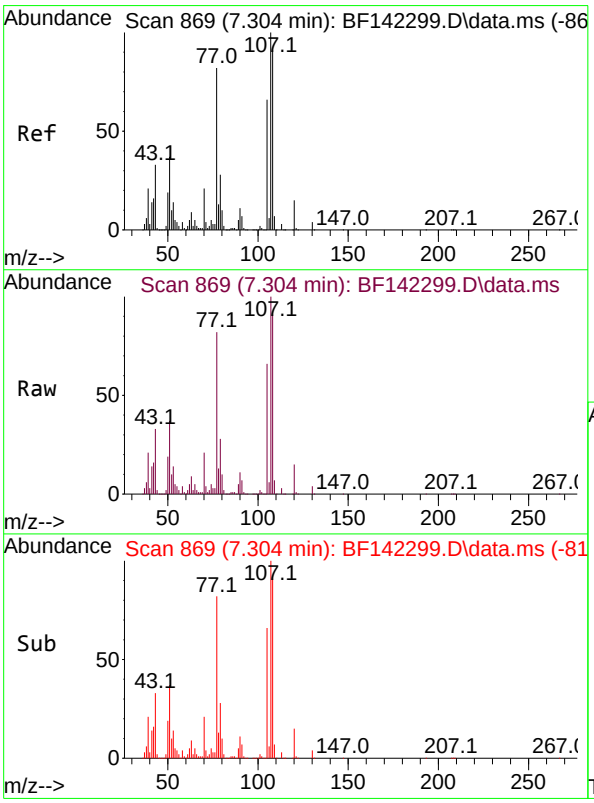
Ion	Ratio	Lower	Upper
70	100		
42	68.5	54.8	82.2
101	9.6	7.7	11.5
130	21.8	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

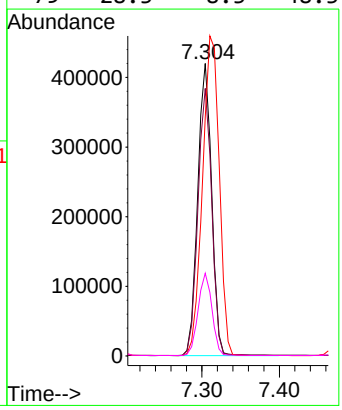
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

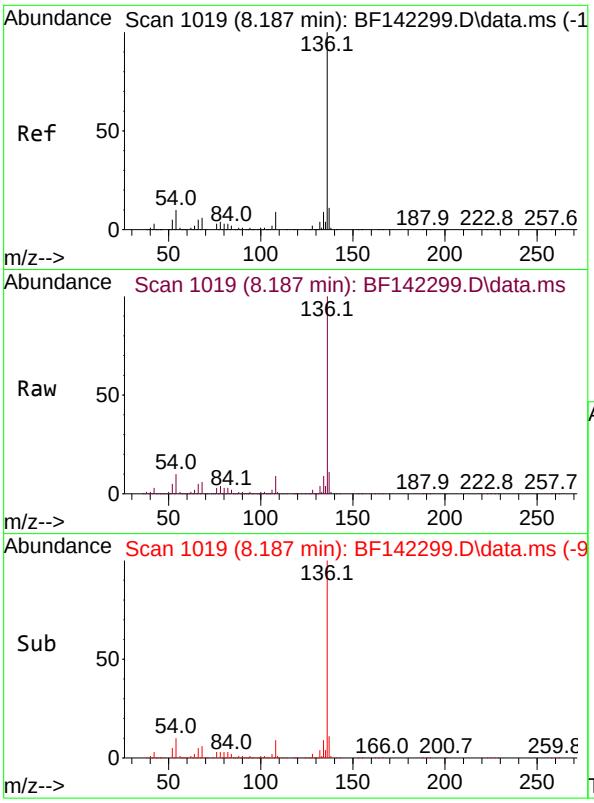


#20
3+4-Methylphenols
Concen: 38.517 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

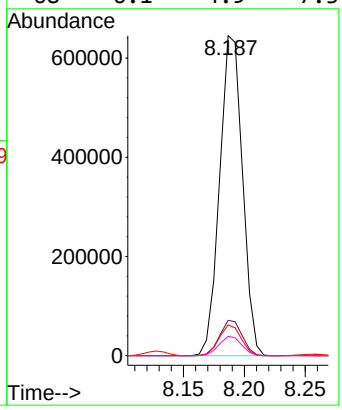




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:136 Resp: 84252

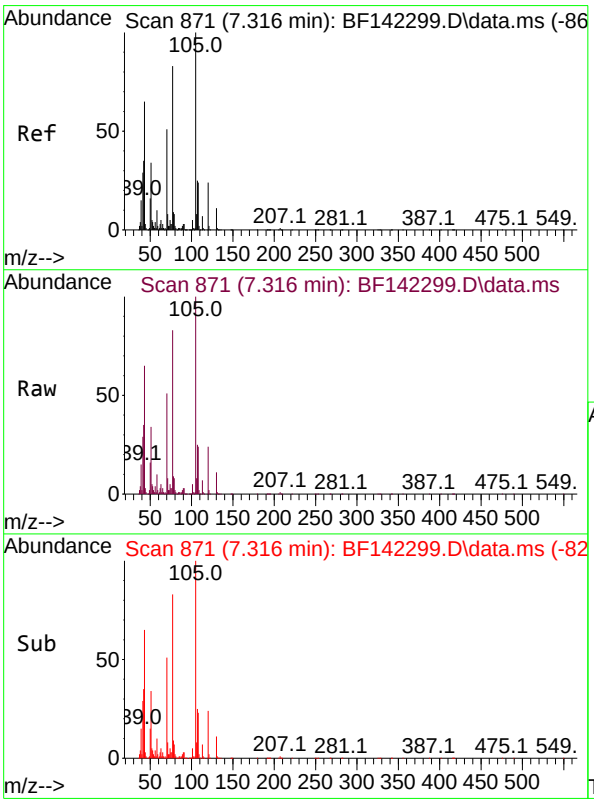
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.6	7.7	11.5
68	6.1	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

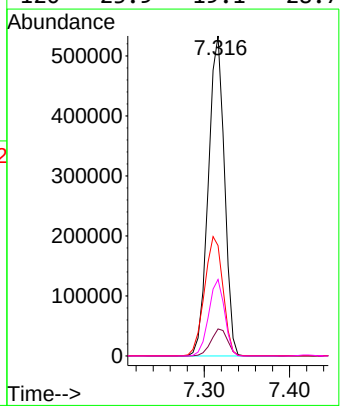
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

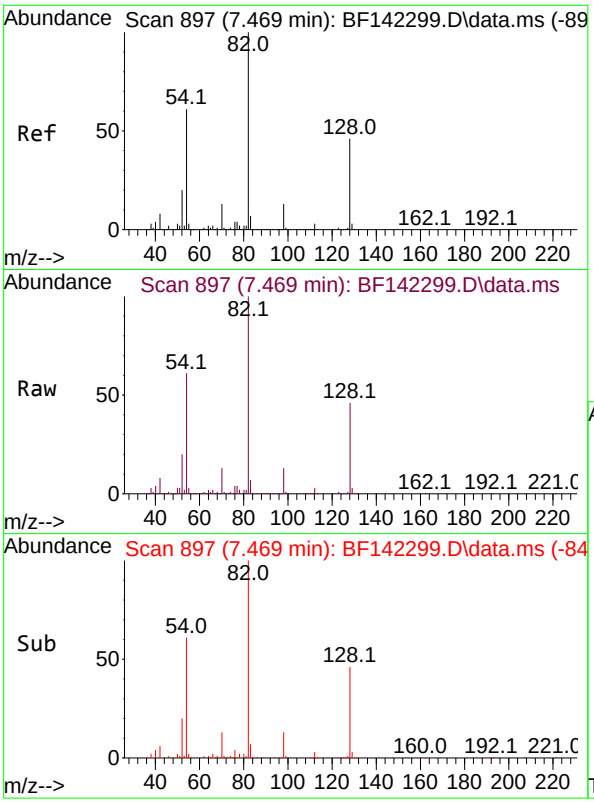


#22
Acetophenone
Concen: 37.432 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

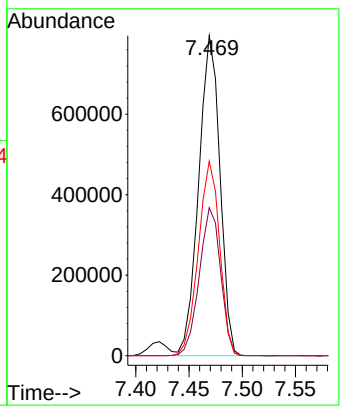




#23
Nitrobenzene-d5
Concen: 79.845 ng
RT: 7.469 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 82 Resp: 110304

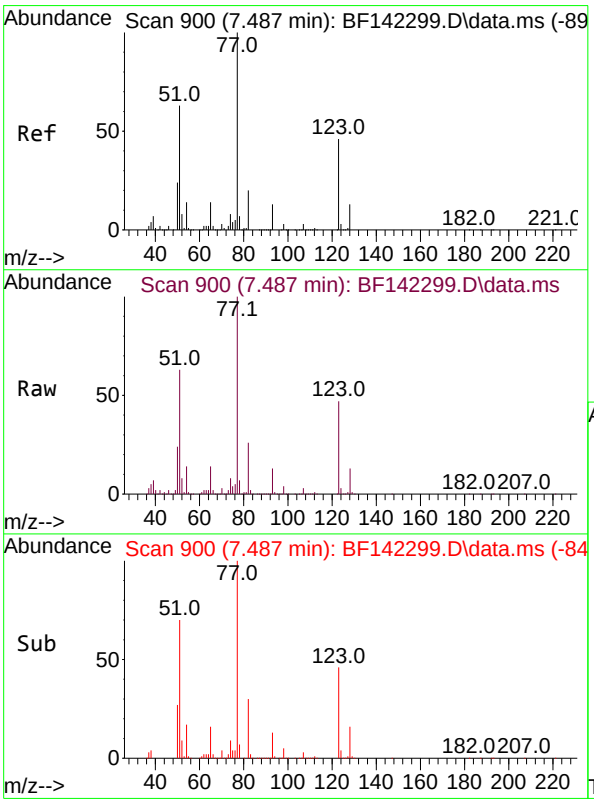
Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.6
54	60.8	48.6	73.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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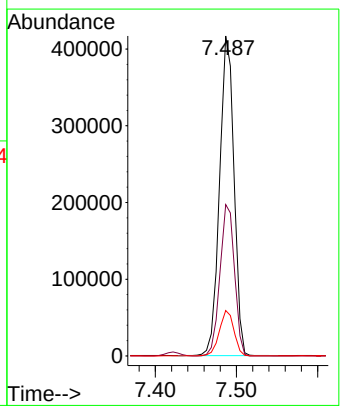
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

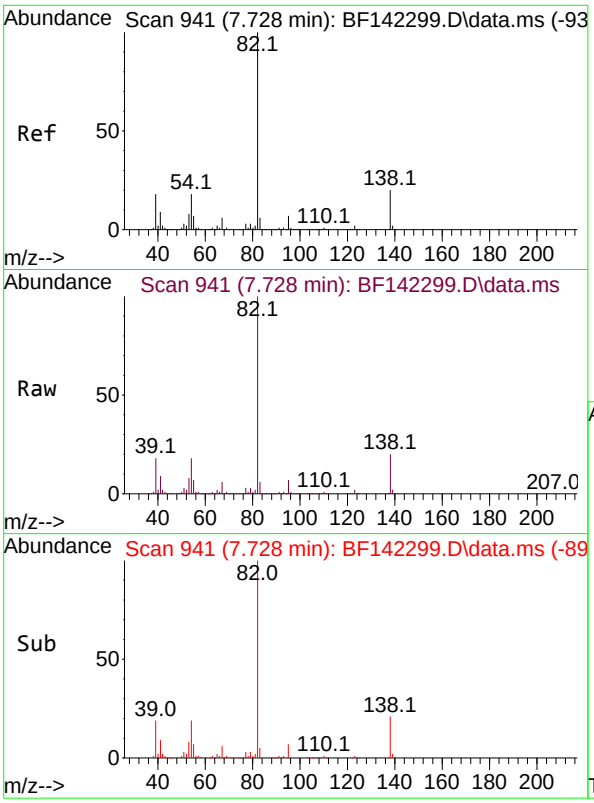


#24
Nitrobenzene
Concen: 39.634 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

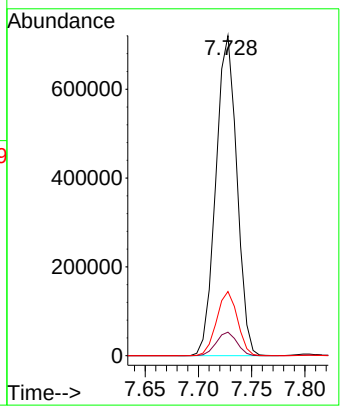
Tgt Ion: 82 Resp: 98809

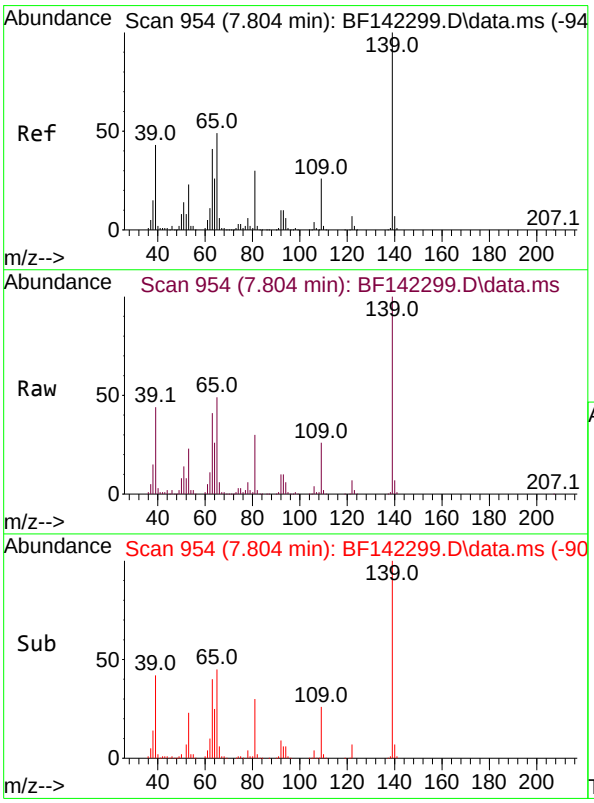
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	20.1	16.1	24.1

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

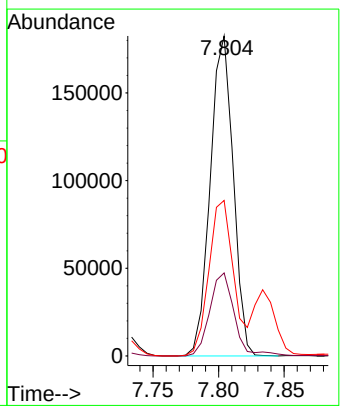


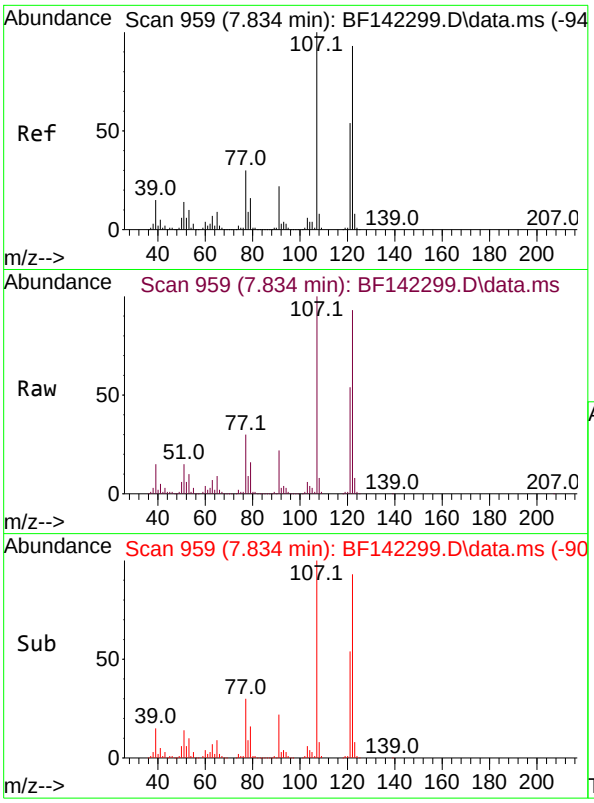


#26
2-Nitrophenol
Concen: 36.469 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

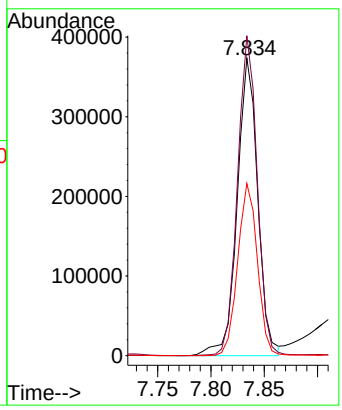




#27
2,4-Dimethylphenol
Concen: 38.139 ng
RT: 7.834 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:122 Resp: 50163

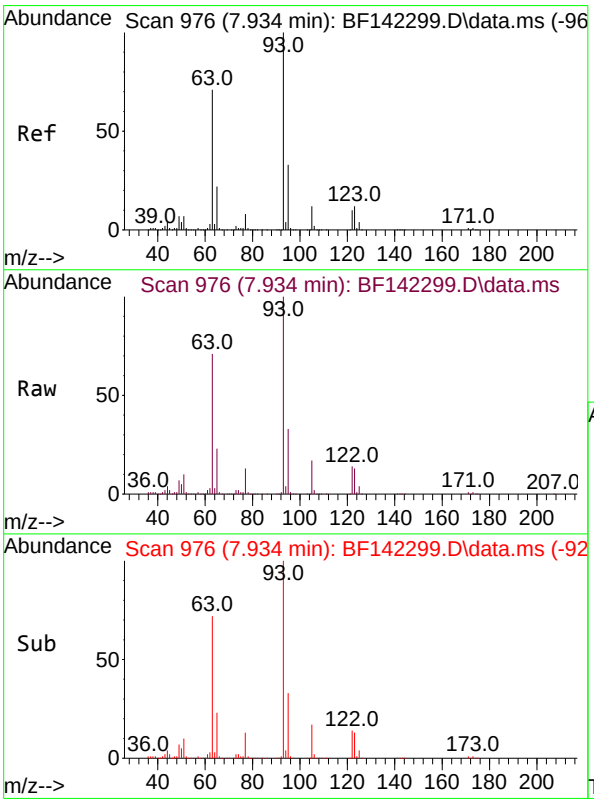
Ion	Ratio	Lower	Upper
122	100		
107	107.5	86.0	129.0
121	57.8	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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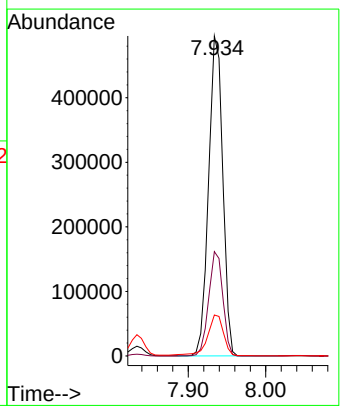
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

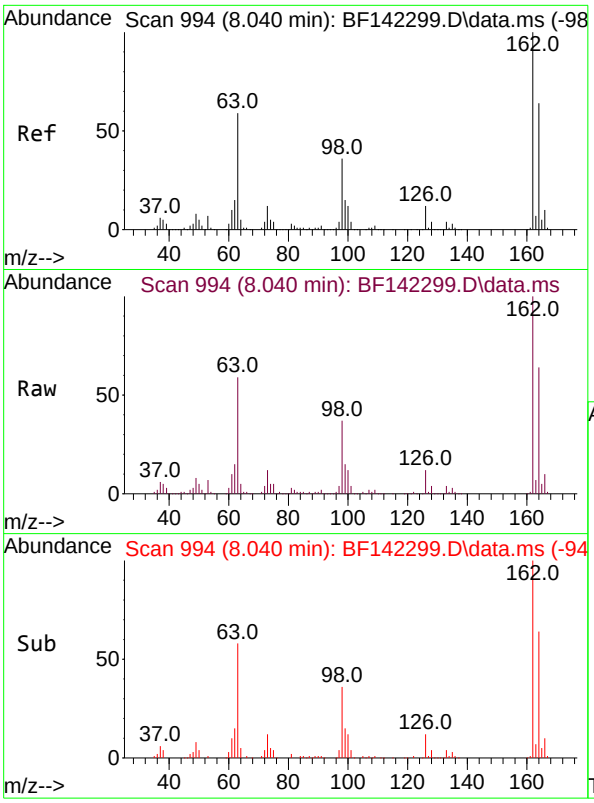


#28
bis(2-Chloroethoxy)methane
Concen: 37.440 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

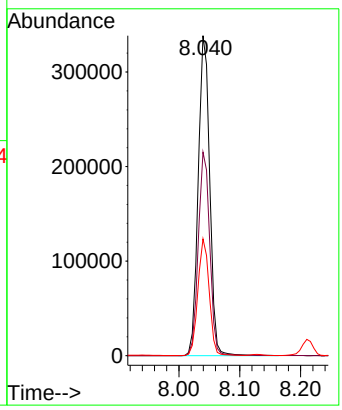
Tgt Ion:162 Resp: 44238

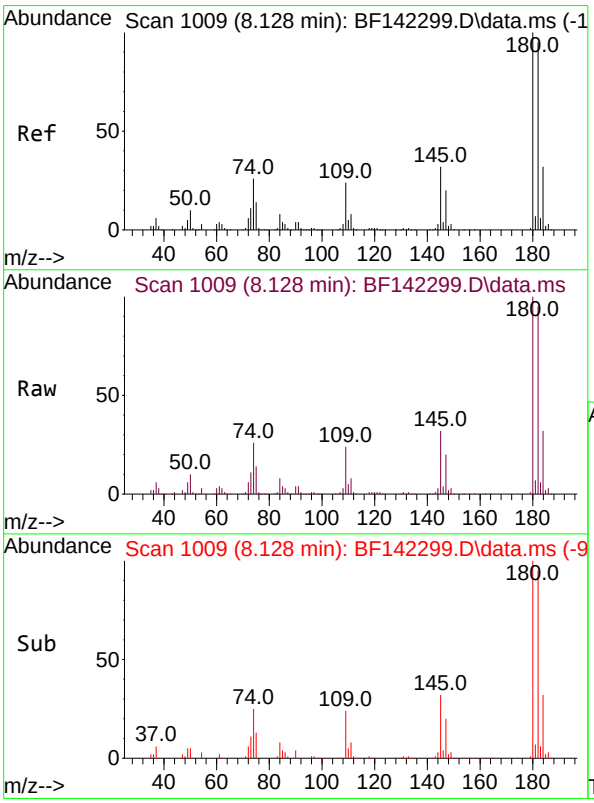
Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.6	83.6
98	36.5	16.5	56.5

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

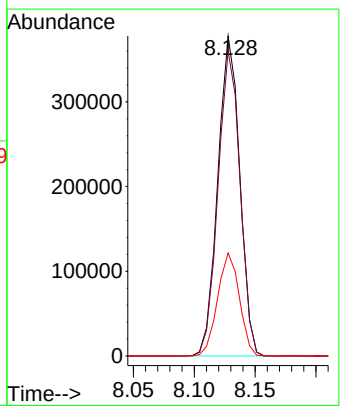


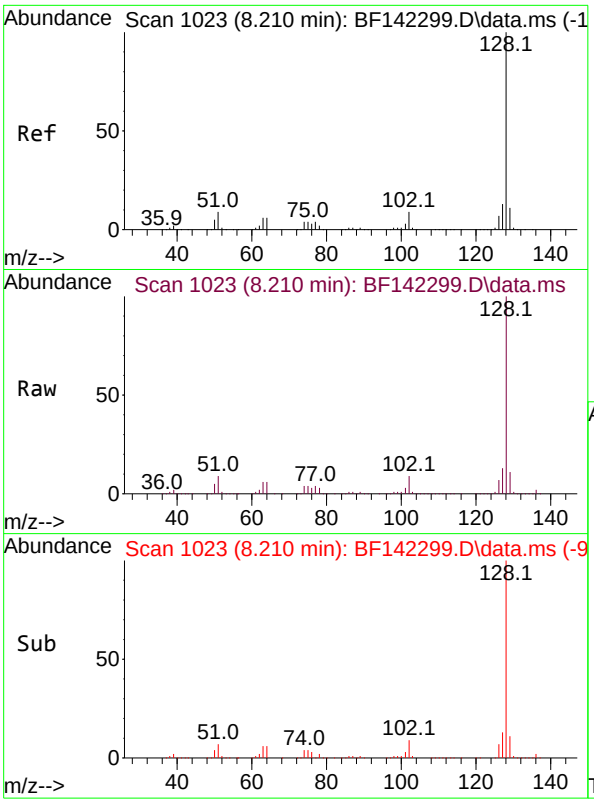


#30
1,2,4-Trichlorobenzene
Concen: 37.625 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

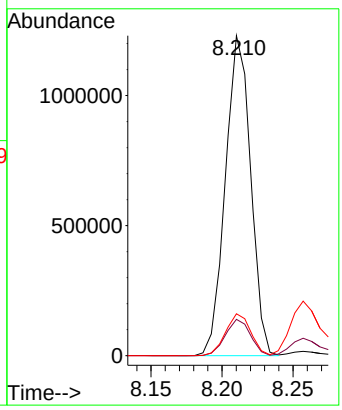




#31
Naphthalene
Concen: 37.372 ng
RT: 8.210 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:128 Resp: 152602(

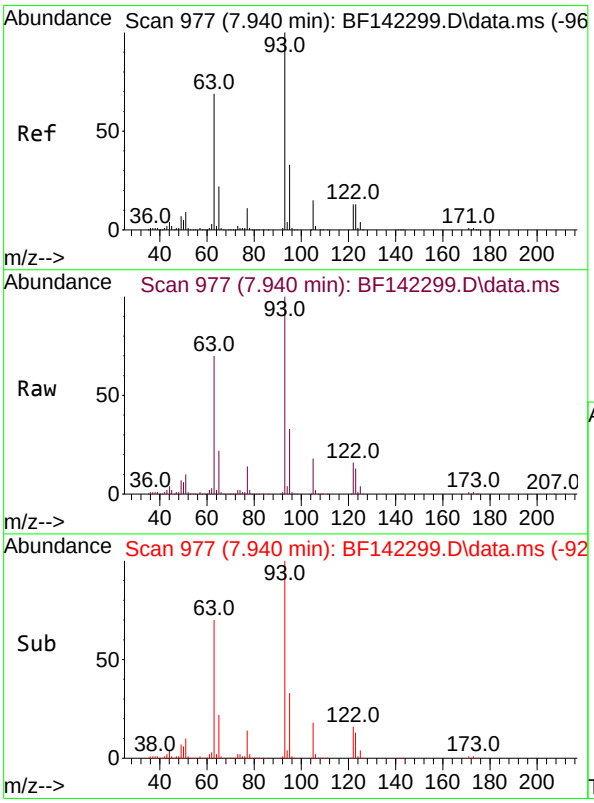
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.1	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

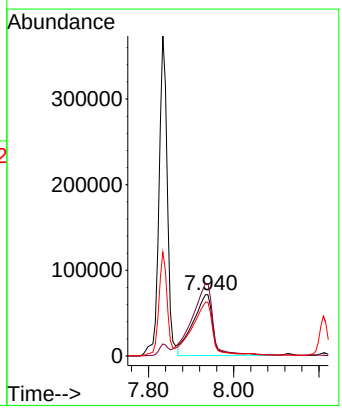
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

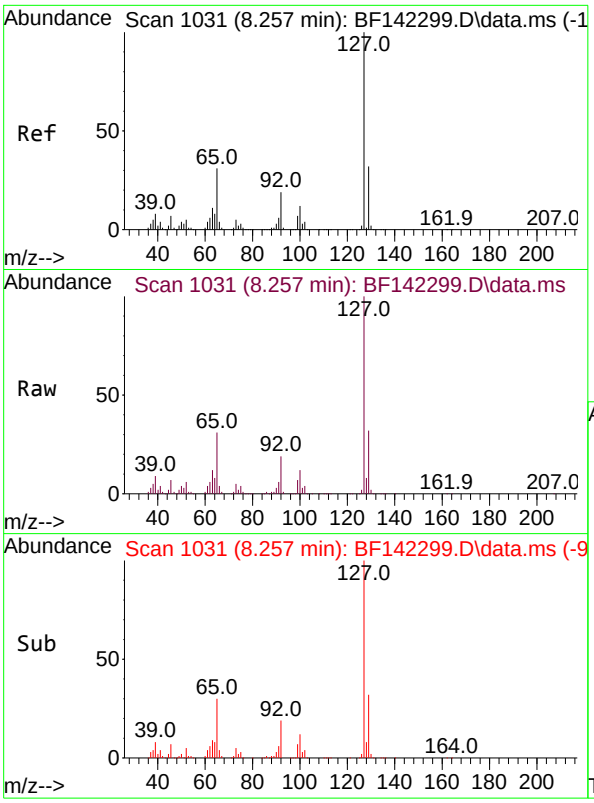


#32
Benzoic acid
Concen: 36.564 ng
RT: 7.940 min Scan# 977
Delta R.T. -0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

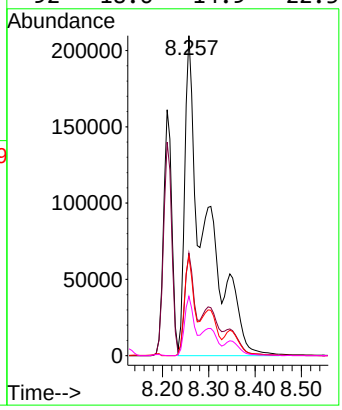




#33
4-Chloroaniline
Concen: 38.817 ng m
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:127 Resp: 64561

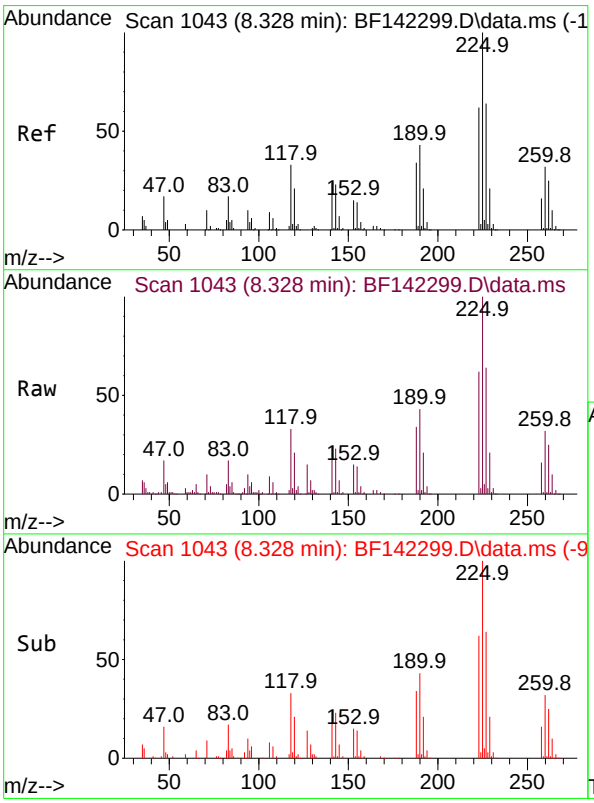
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	31.1	24.9	37.3
92	18.6	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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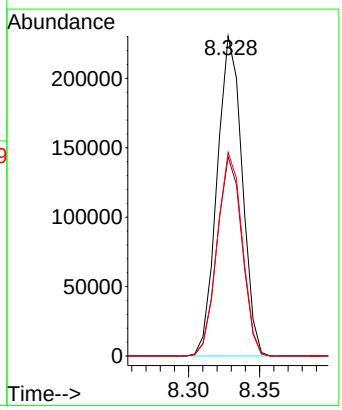
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

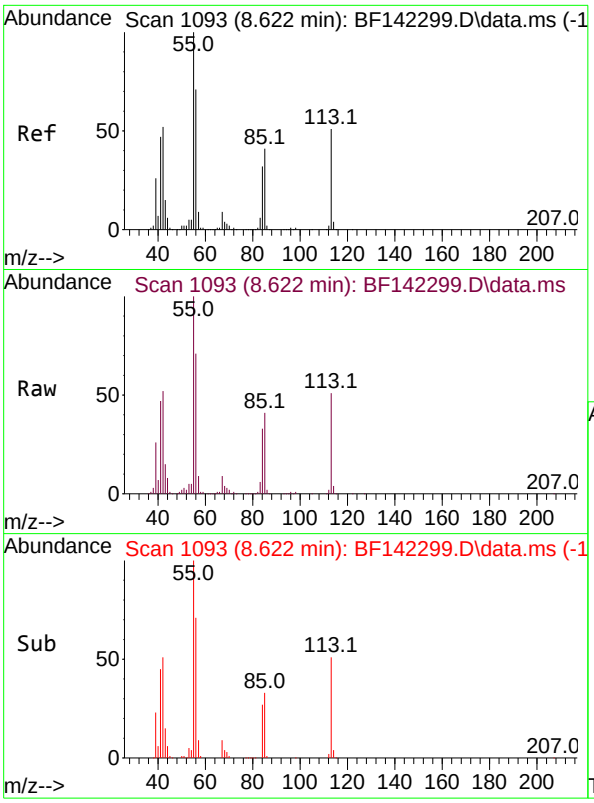


#34
Hexachlorobutadiene
Concen: 37.888 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

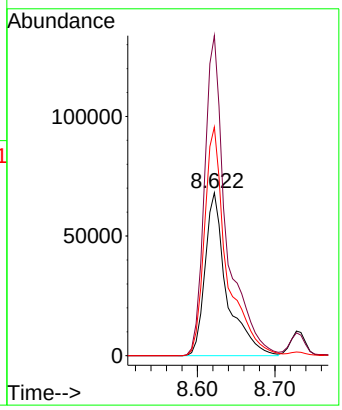




#35
Caprolactam
Concen: 40.850 ng
RT: 8.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:113 Resp: 13284

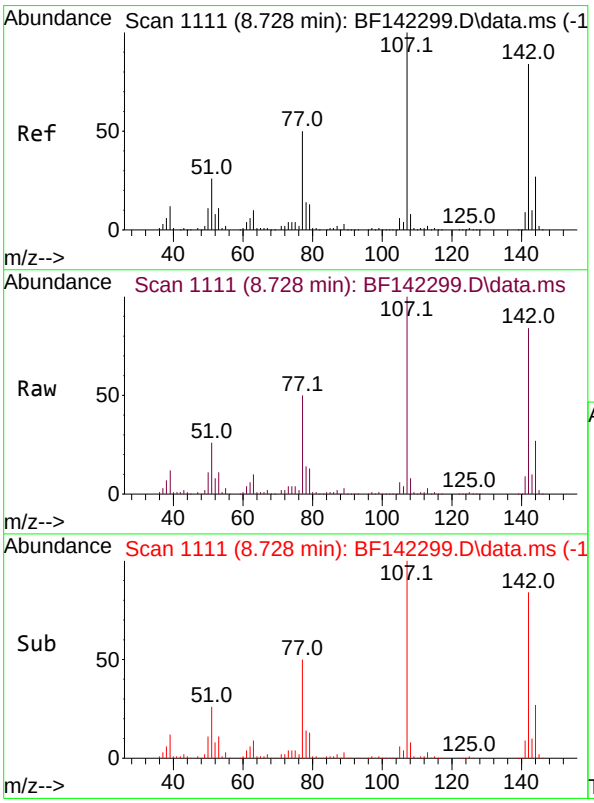
Ion	Ratio	Lower	Upper
113	100		
55	196.4	176.4	216.4
56	140.3	120.3	160.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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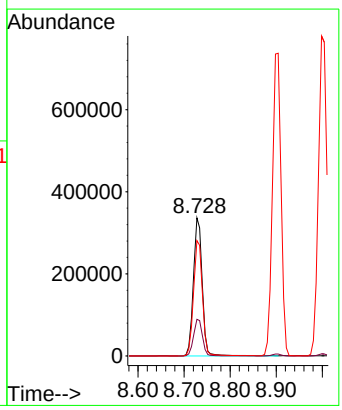
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

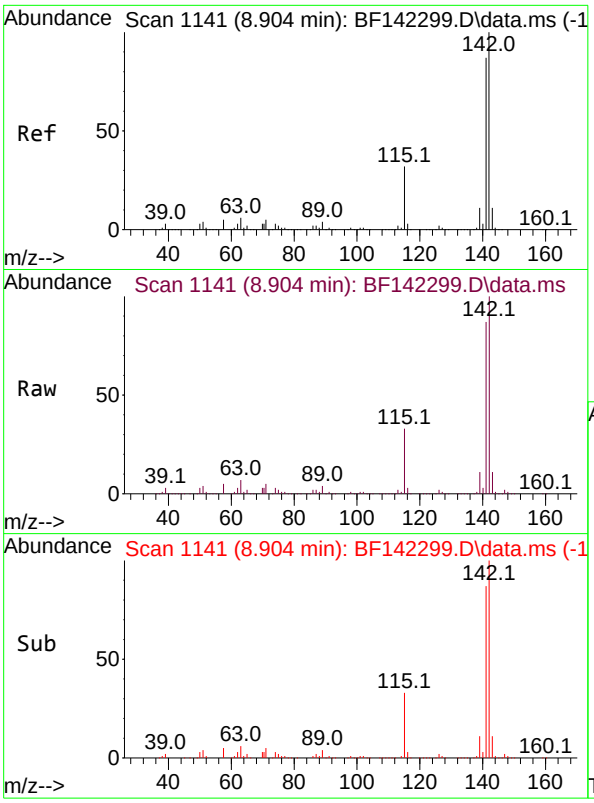


#36
4-Chloro-3-methylphenol
Concen: 38.475 ng
RT: 8.728 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

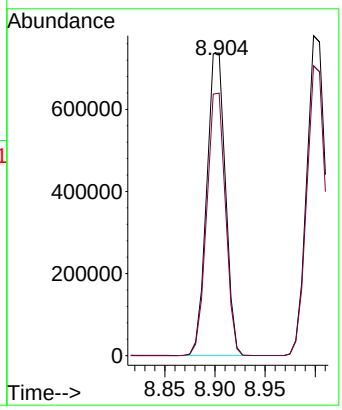




#37
2-Methylnaphthalene
Concen: 37.768 ng
RT: 8.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:142 Resp: 95830

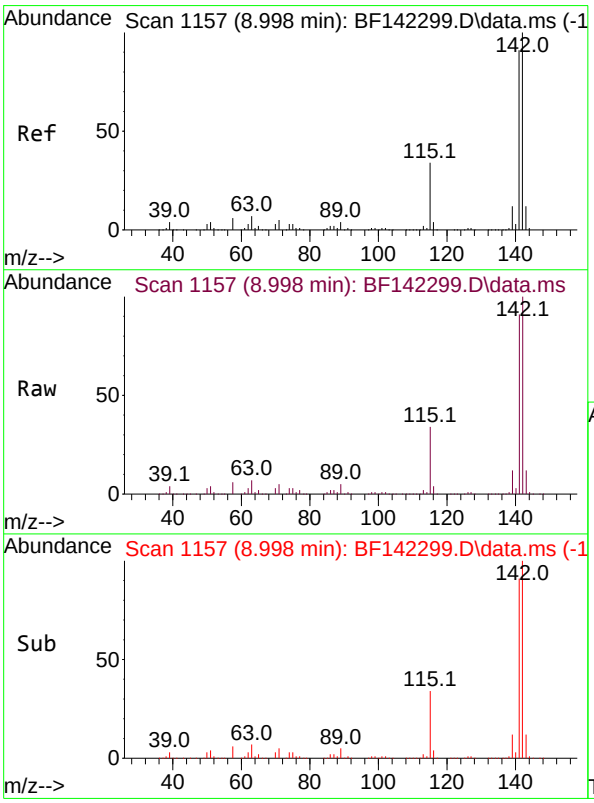
Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.4	104.2



Instrument :
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ClientSampleId :
SSTDICCC040

Manual Integrations
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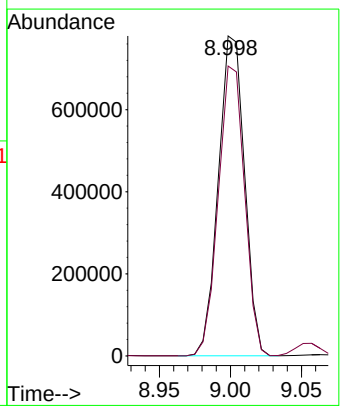
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

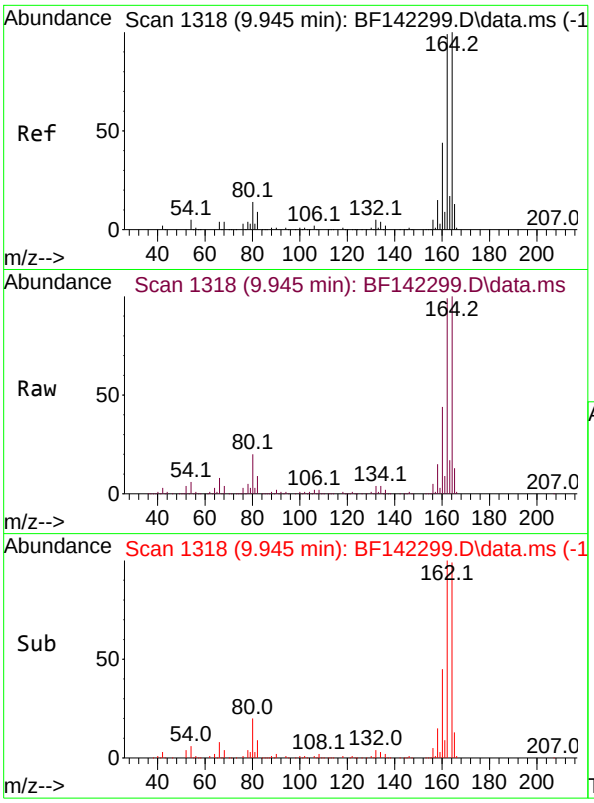


#38
1-Methylnaphthalene
Concen: 37.821 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:142 Resp: 1000206

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.5	108.7

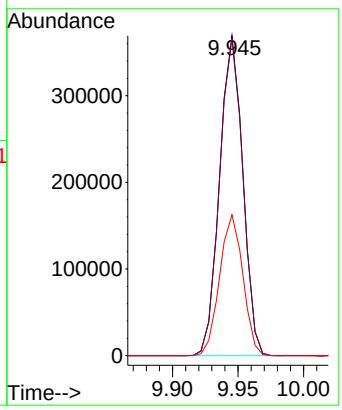




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:164 Resp: 45382

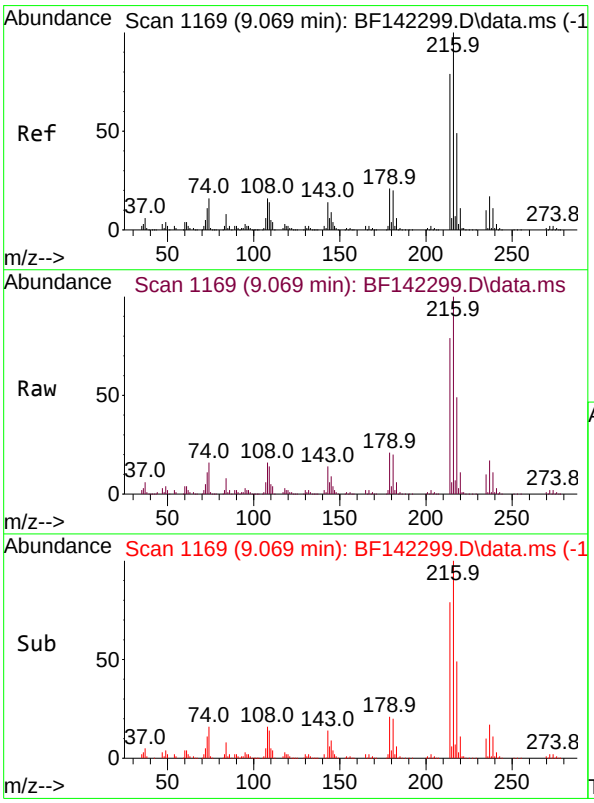
Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.2	118.8
160	44.1	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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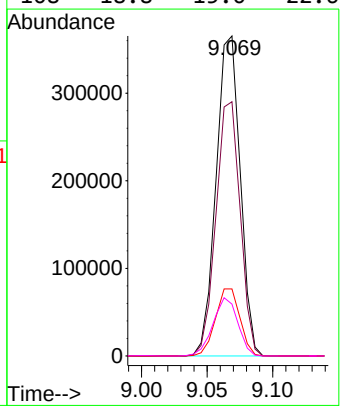
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

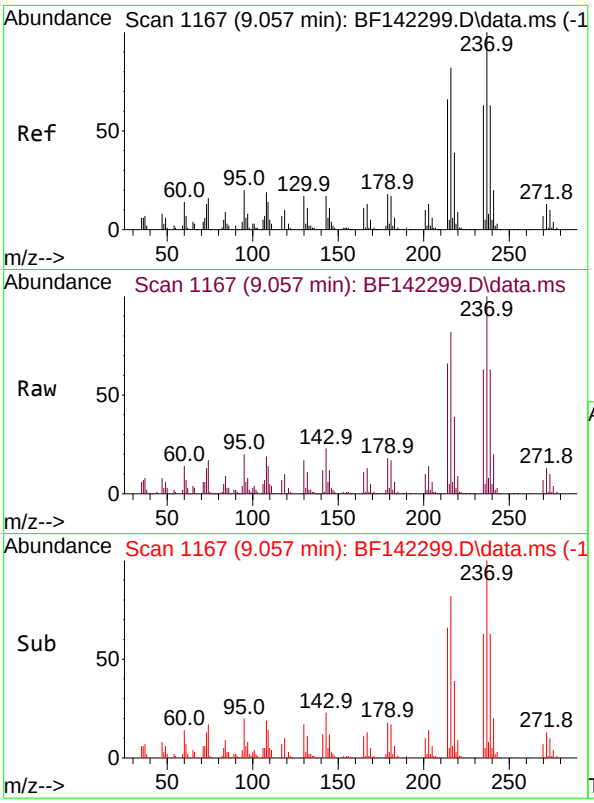


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.869 ng
RT: 9.069 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

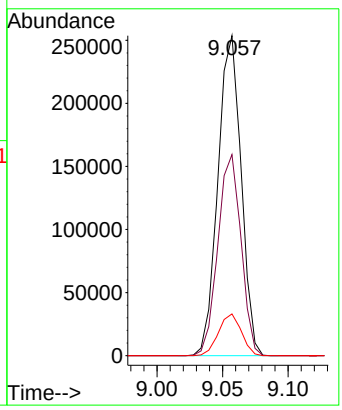
Tgt Ion:237 Resp: 31164

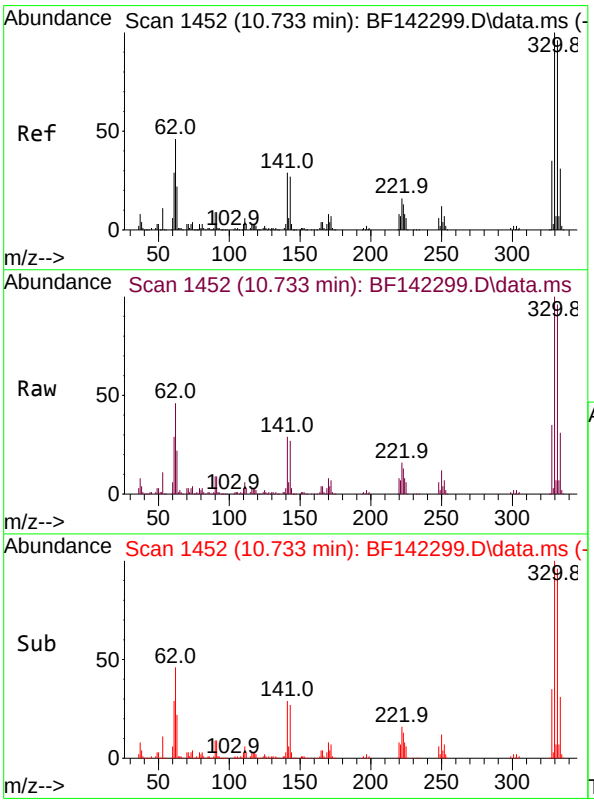
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.8	82.8
272	13.0	0.0	33.0

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

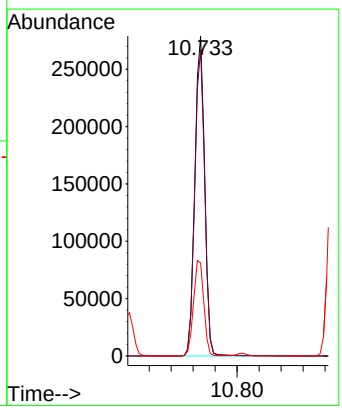


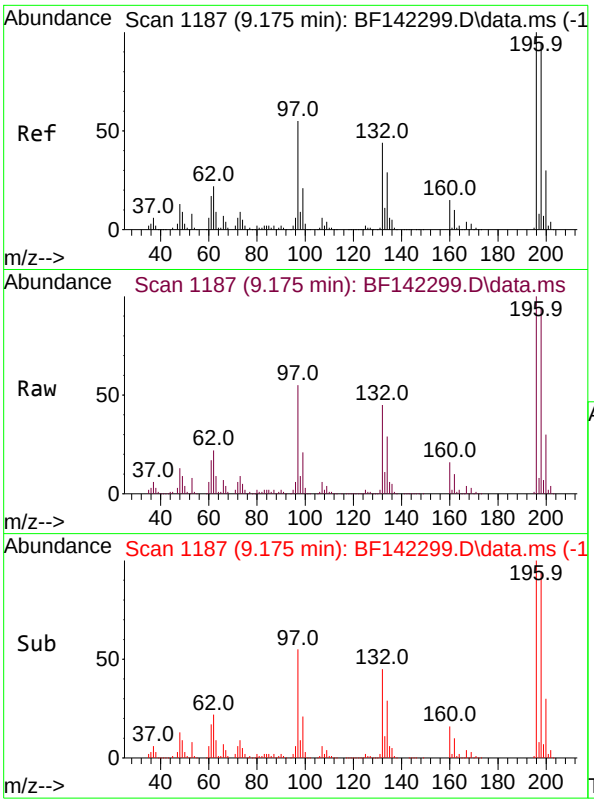


#42
2,4,6-Tribromophenol
Concen: 79.275 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

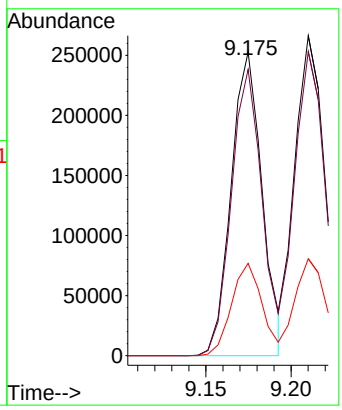




#43
2,4,6-Trichlorophenol
Concen: 39.883 ng
RT: 9.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:196 Resp: 31886

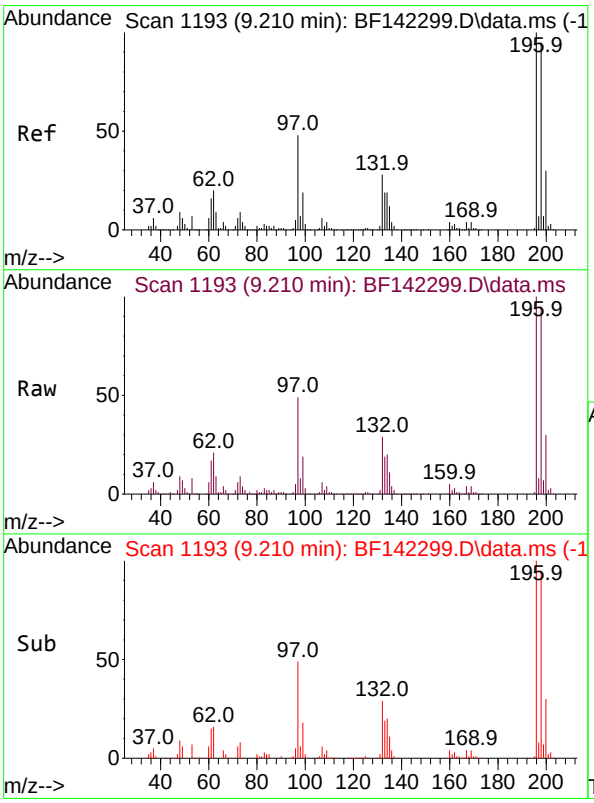
Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.4	113.0
200	30.4	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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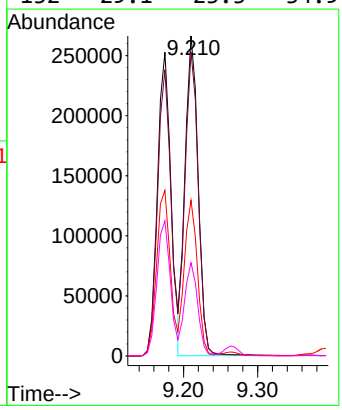
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

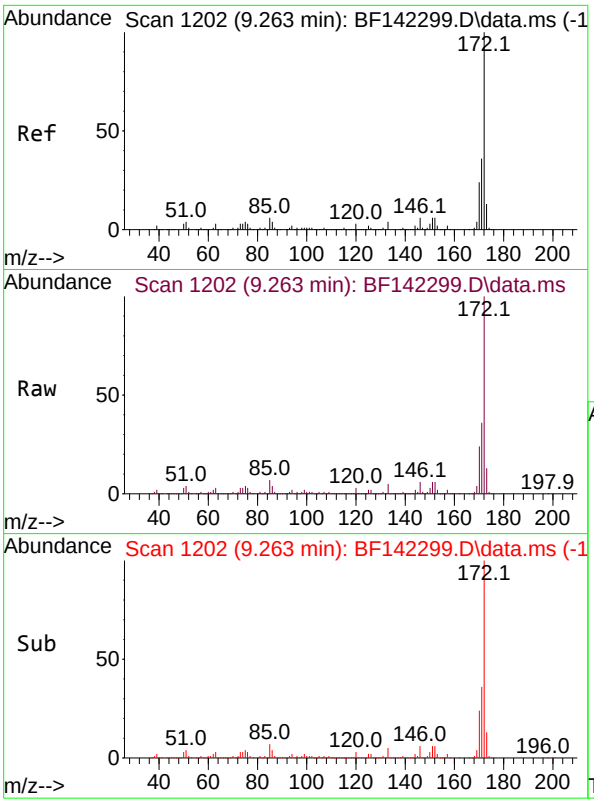


#44
2,4,5-Trichlorophenol
Concen: 38.680 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

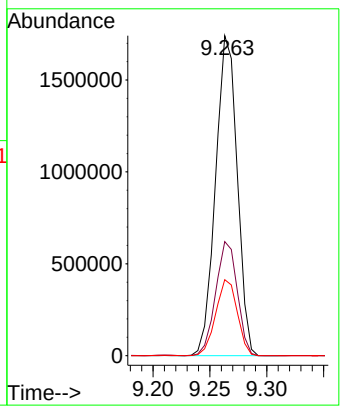




#45
2-Fluorobiphenyl
Concen: 72.545 ng
RT: 9.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:172 Resp: 230895

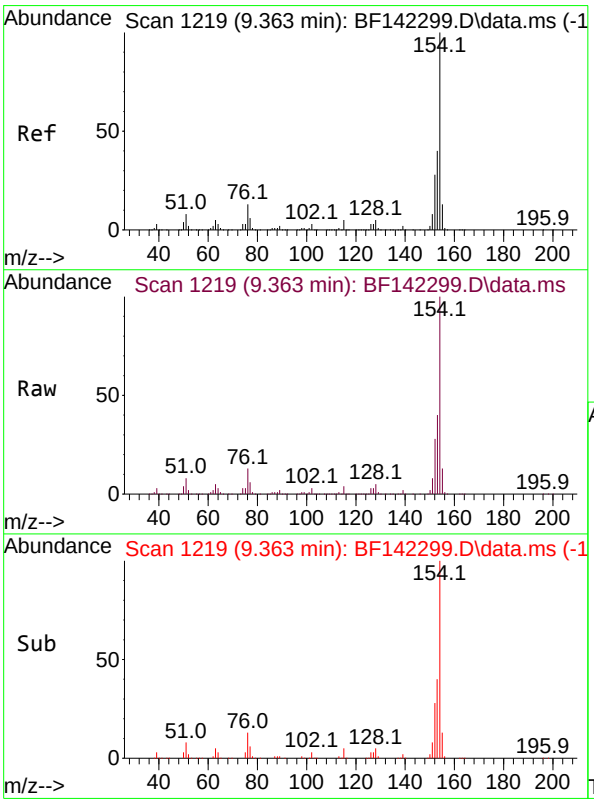
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.7	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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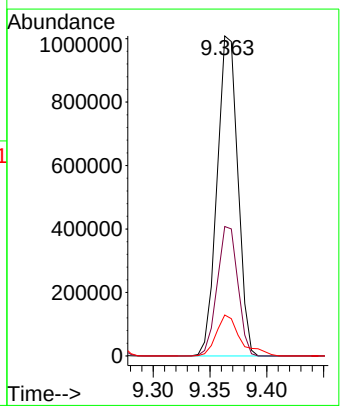
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

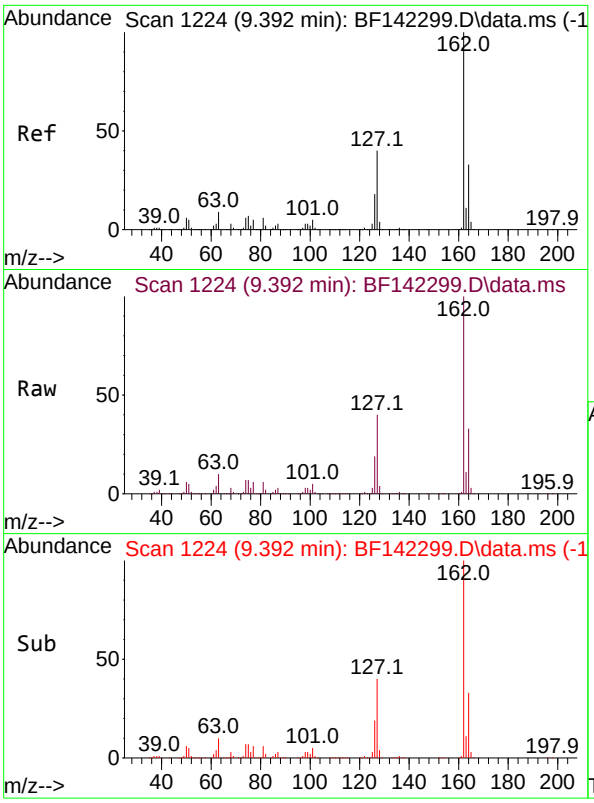


#46
1,1'-Biphenyl
Concen: 36.811 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

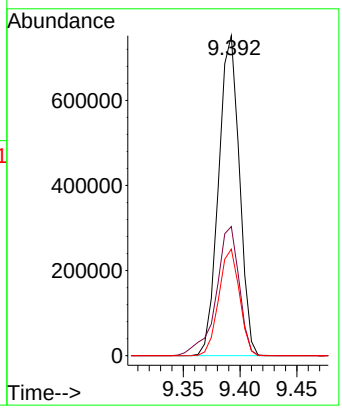




#47
2-Chloronaphthalene
Concen: 37.093 ng
RT: 9.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:162 Resp: 95988

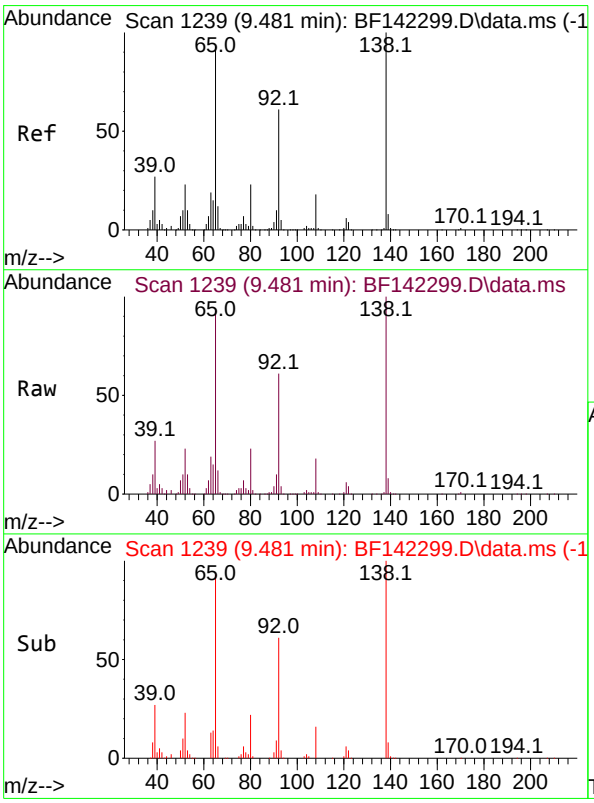
Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.3	48.5
164	33.3	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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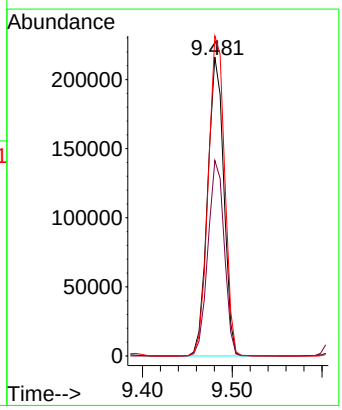
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

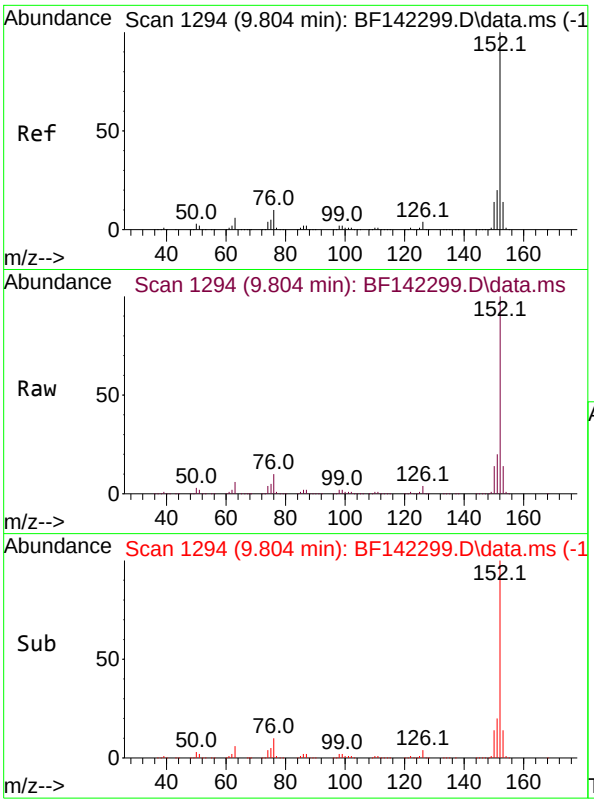


#48
2-Nitroaniline
Concen: 40.808 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

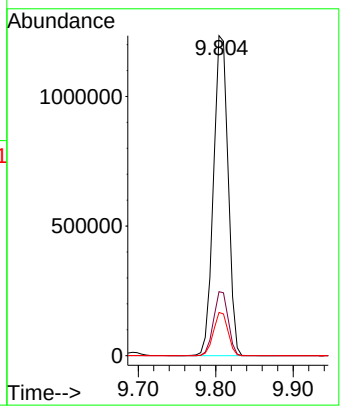




#49
Acenaphthylene
Concen: 37.378 ng
RT: 9.804 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:152 Resp: 161806

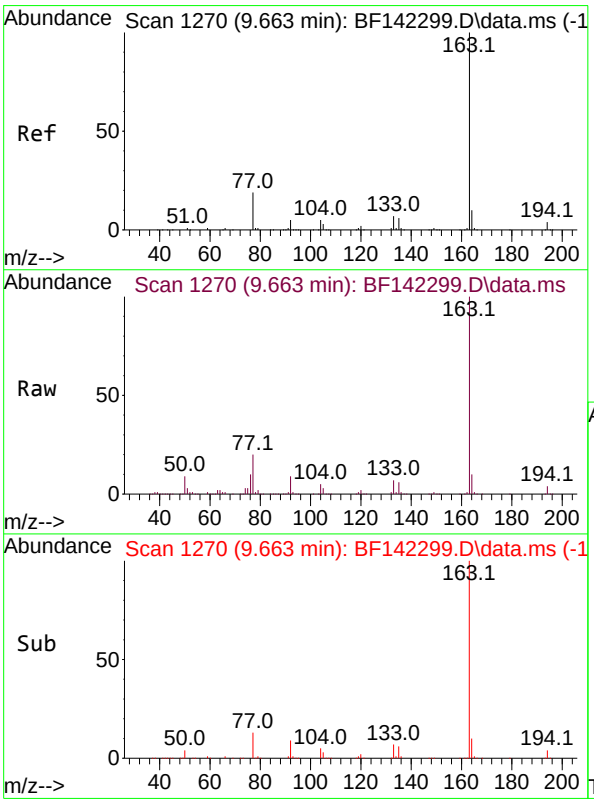
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.5	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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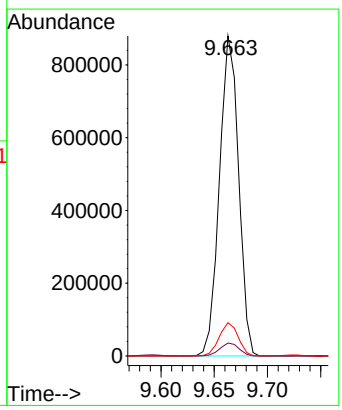
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

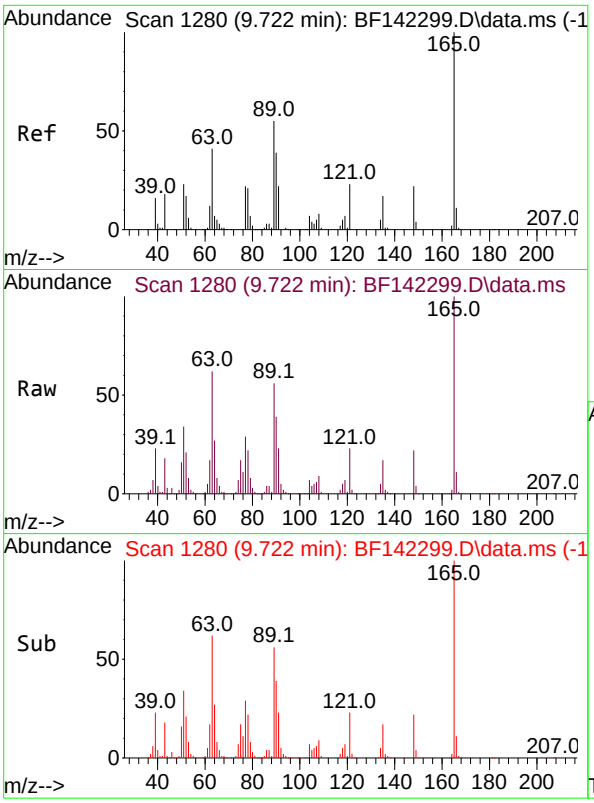


#50
Dimethylphthalate
Concen: 37.675 ng
RT: 9.663 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

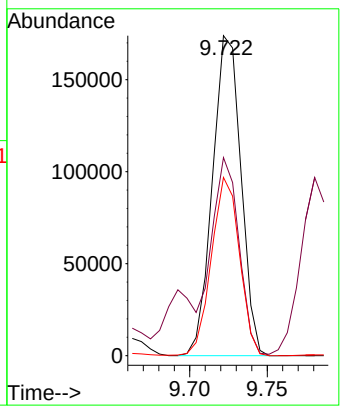




#51
2,6-Dinitrotoluene
Concen: 40.792 ng
RT: 9.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:165 Resp: 22250

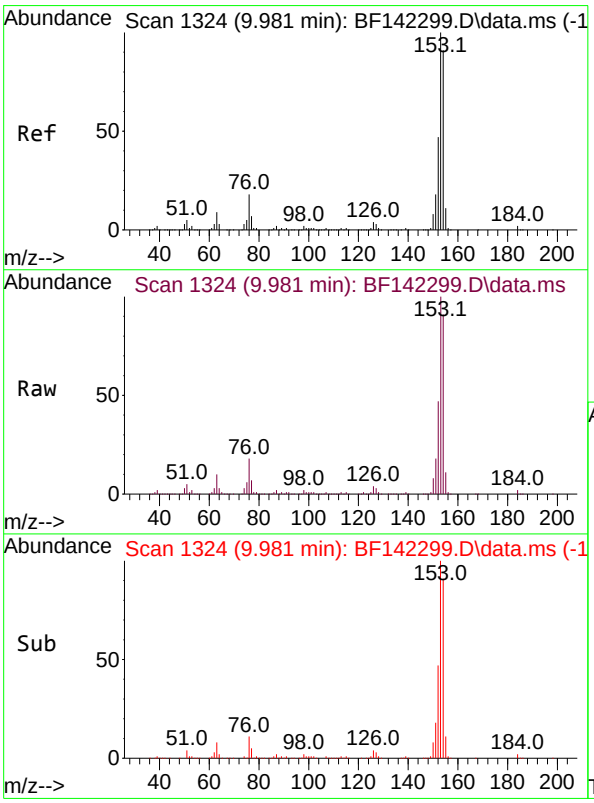
Ion	Ratio	Lower	Upper
165	100		
63	61.9	49.5	74.3
89	55.7	44.6	66.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

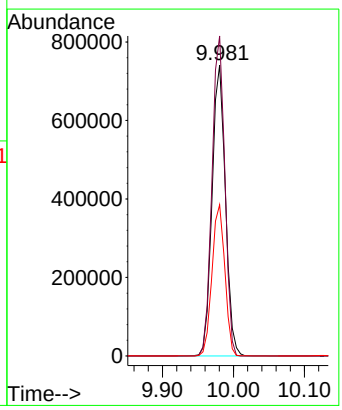
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

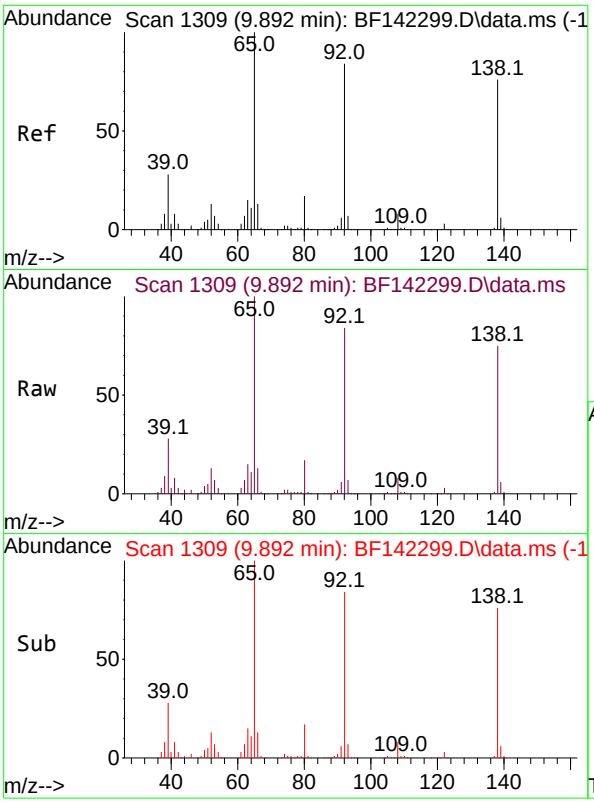


#52
Acenaphthene
Concen: 37.171 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

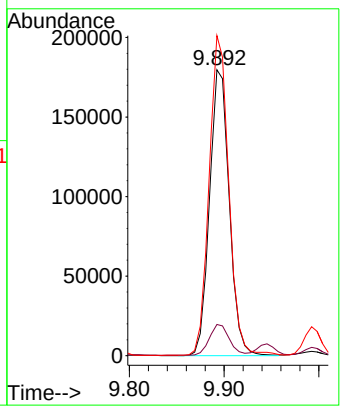




#53
3-Nitroaniline
Concen: 40.600 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:138 Resp: 25973

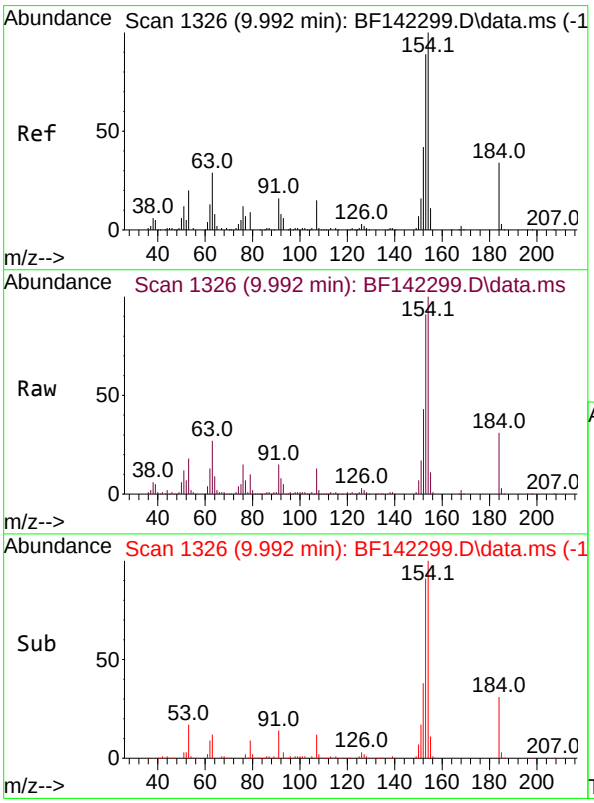
Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.7	13.1
92	111.9	89.5	134.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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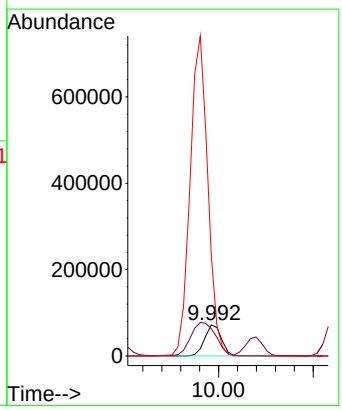
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

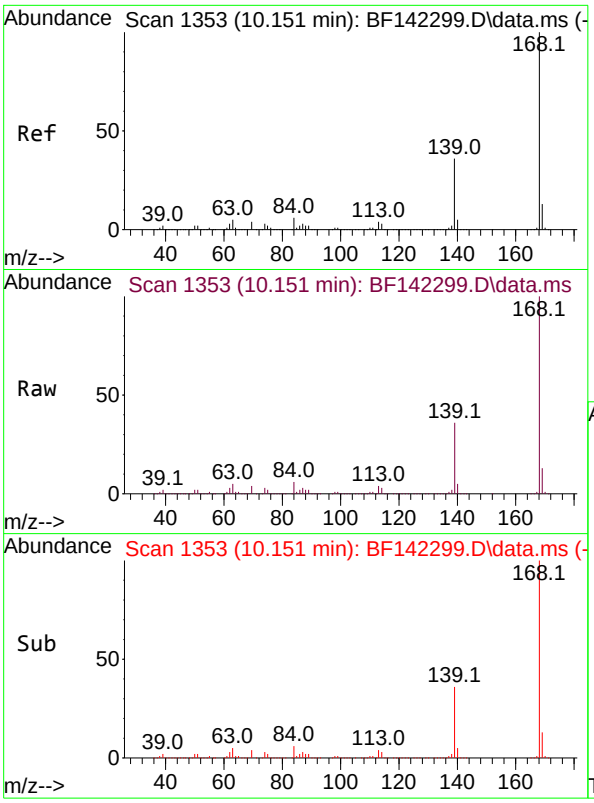


#54
2,4-Dinitrophenol
Concen: 35.617 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

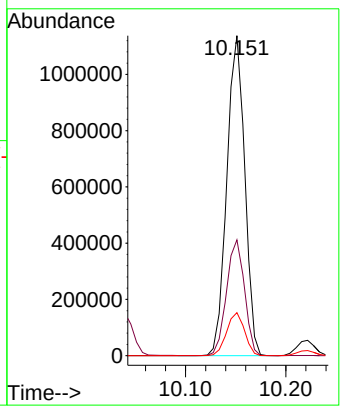




#55
Dibenzofuran
Concen: 36.745 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:168 Resp: 141151

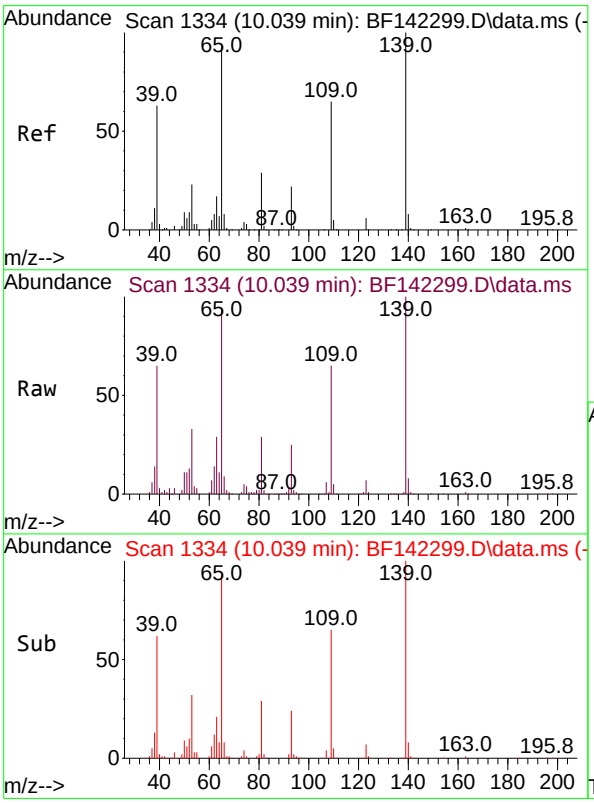
Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.0	43.4
169	13.4	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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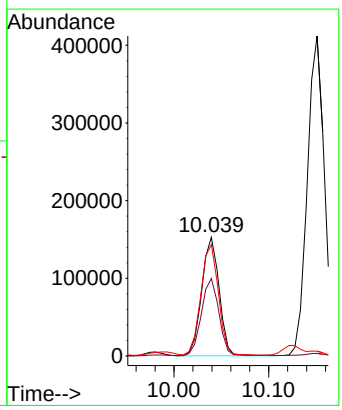
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

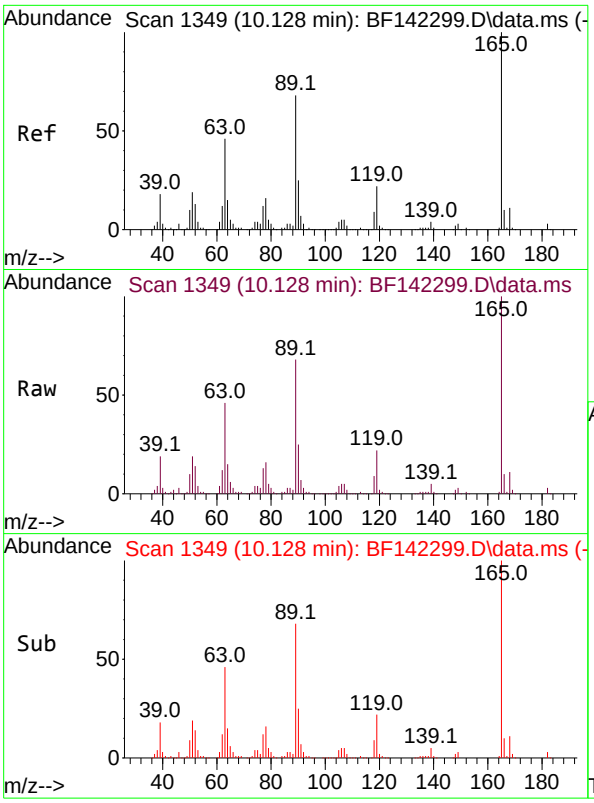


#56
4-Nitrophenol
Concen: 40.380 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

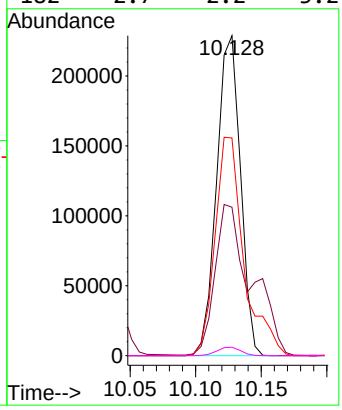




#57
2,4-Dinitrotoluene
Concen: 41.281 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:165 Resp: 28883

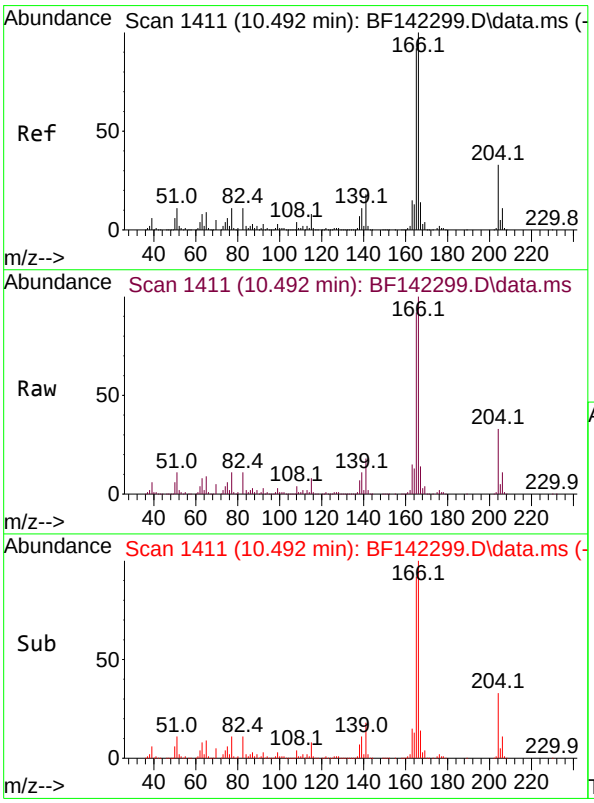
Ion	Ratio	Lower	Upper
165	100		
63	46.4	37.1	55.7
89	68.0	54.4	81.6
182	2.7	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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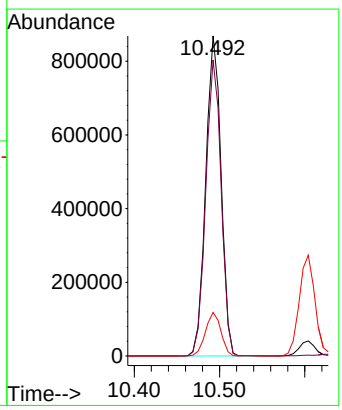
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

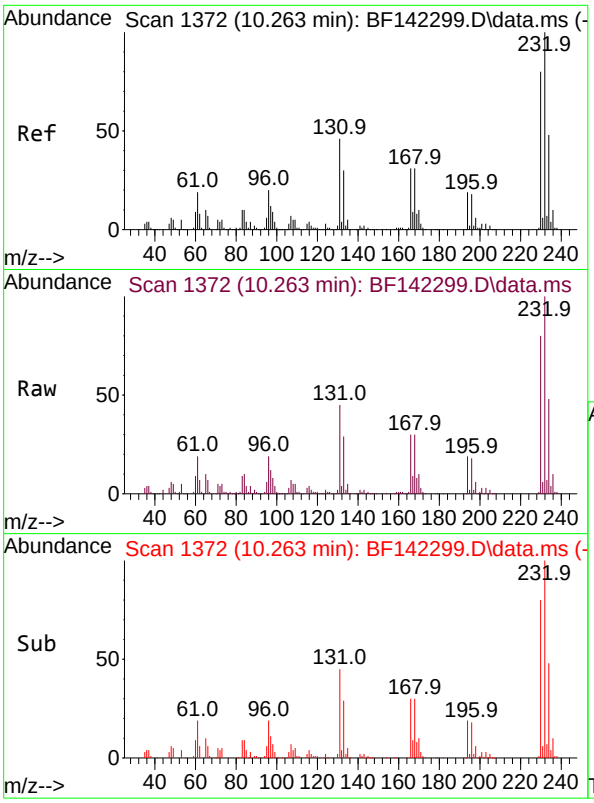


#58
Fluorene
Concen: 36.984 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

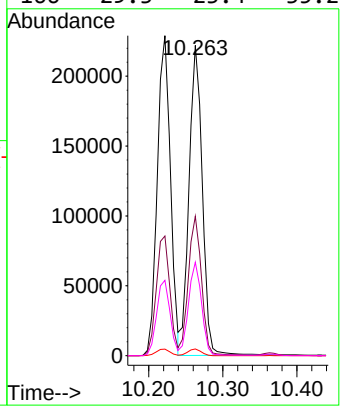




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.451 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:232 Resp: 27704

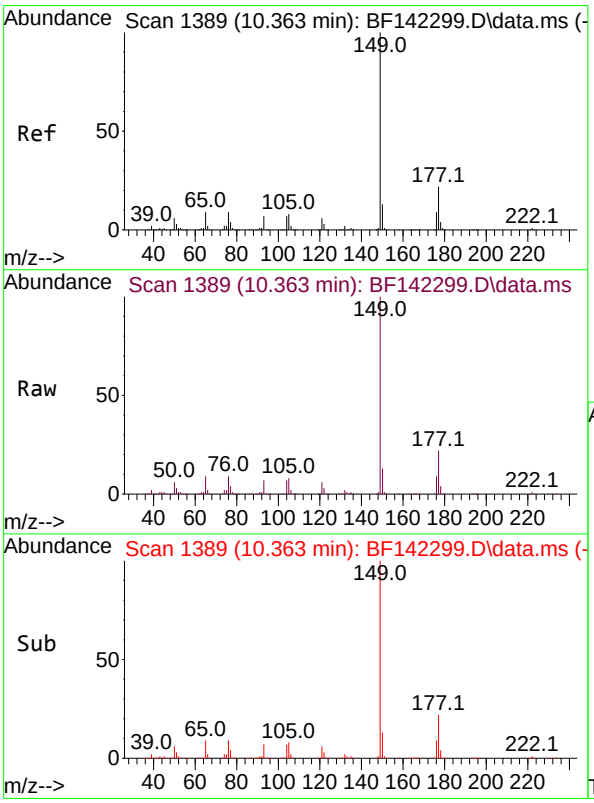
Ion	Ratio	Lower	Upper
232	100		
131	45.0	36.0	54.0
130	2.2	1.8	2.6
166	29.3	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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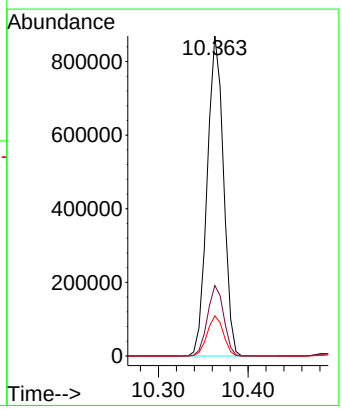
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

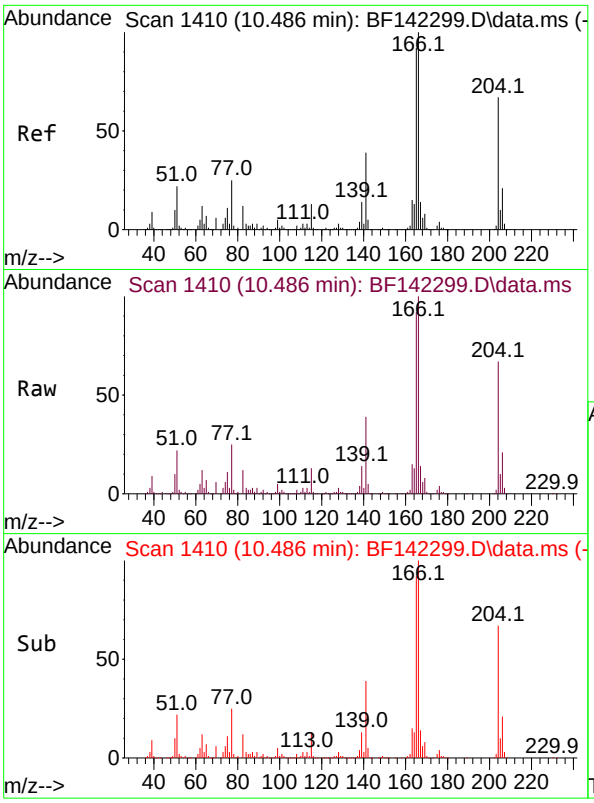


#60
Diethylphthalate
Concen: 37.640 ng
RT: 10.363 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

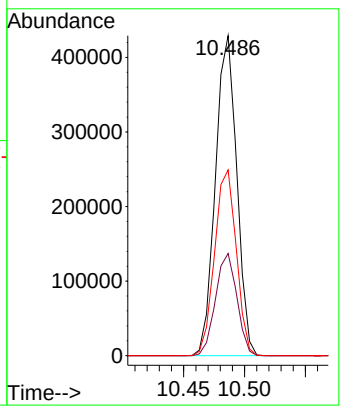
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

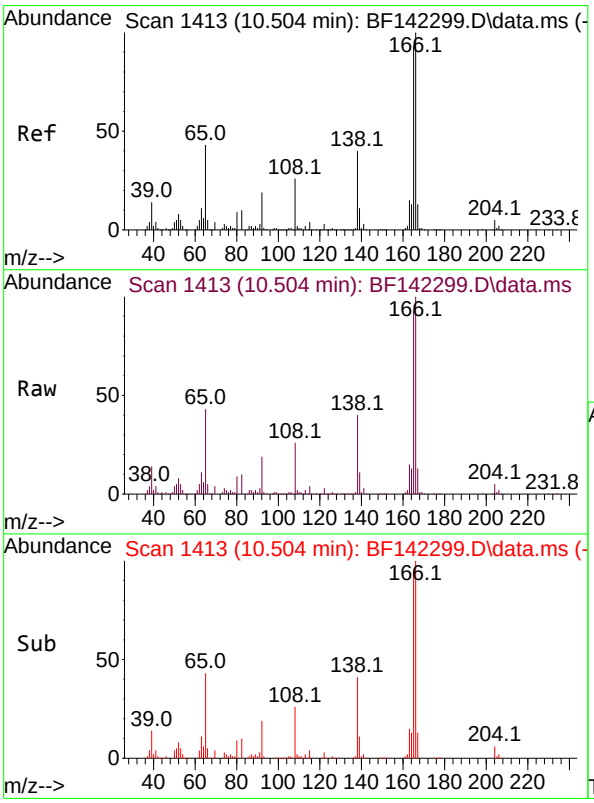
Tgt Ion:204 Resp: 52371

Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.5	38.3
141	58.0	46.4	69.6

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

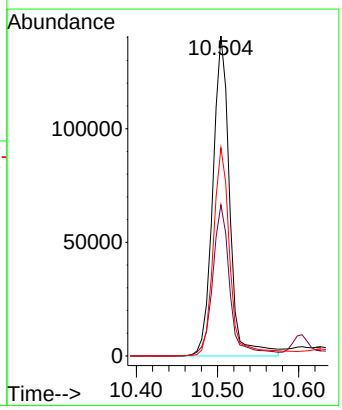


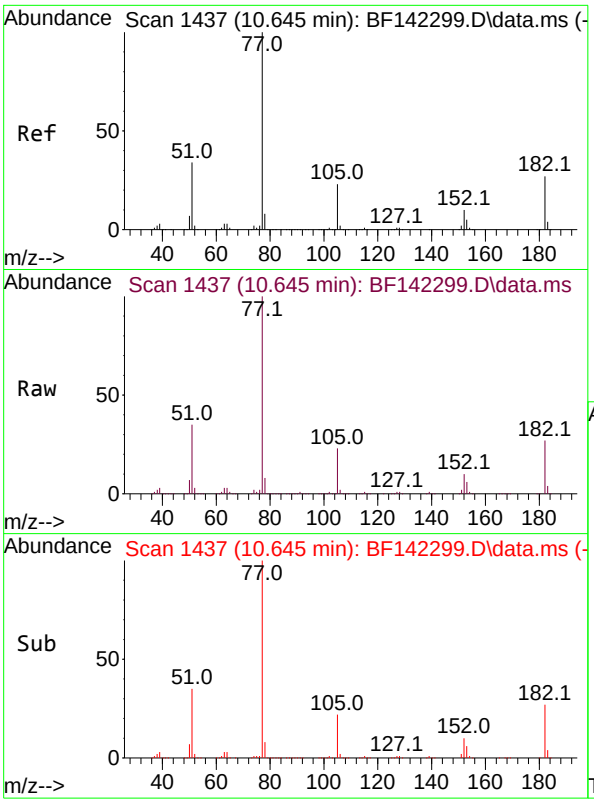


#62
4-Nitroaniline
Concen: 40.198 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

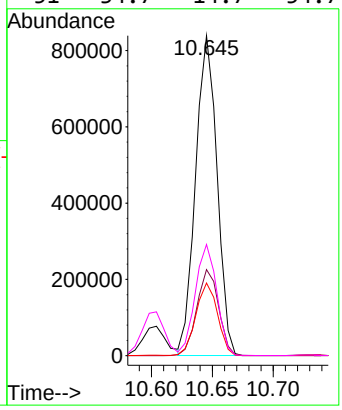




#63
Azobenzene
Concen: 36.938 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 77 Resp: 102722

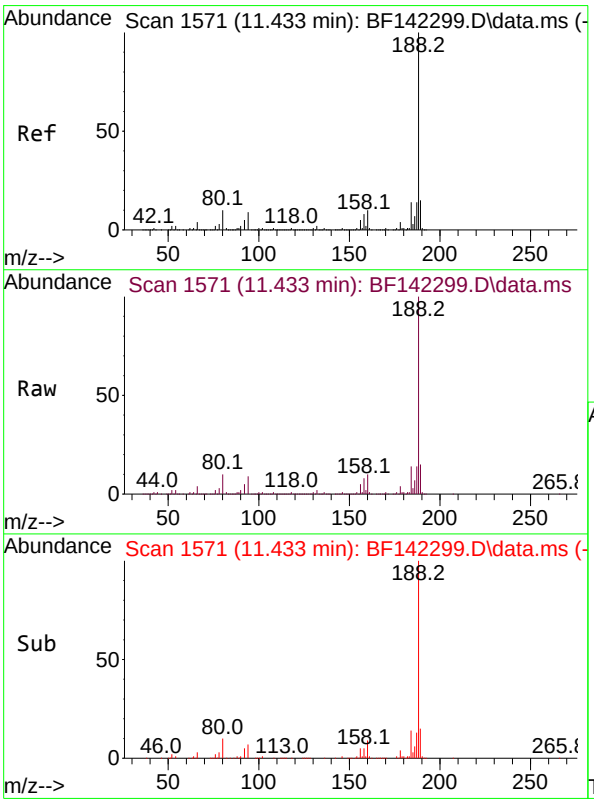
Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.9	46.9
105	22.7	2.7	42.7
51	34.7	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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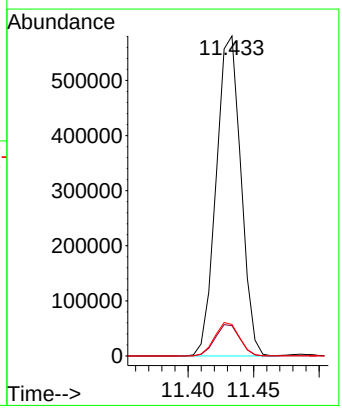
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

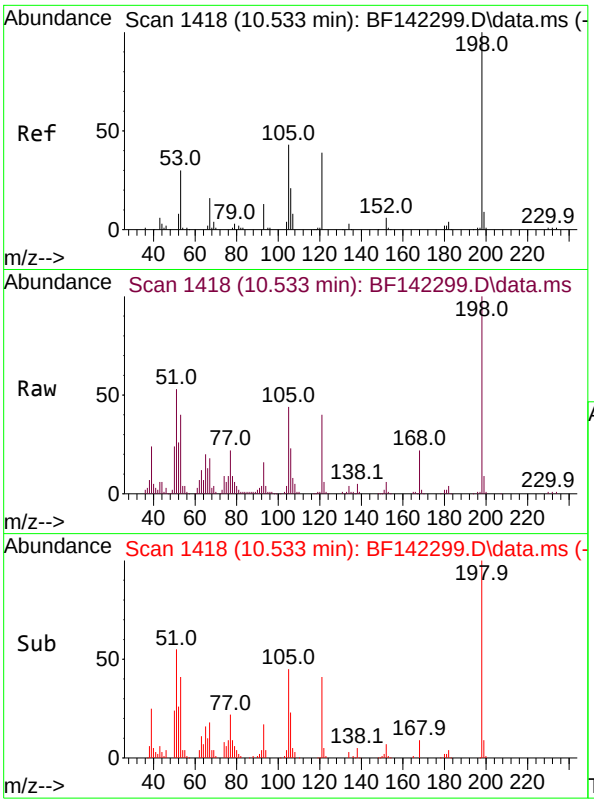


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

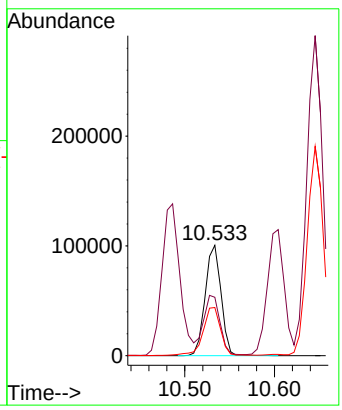
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

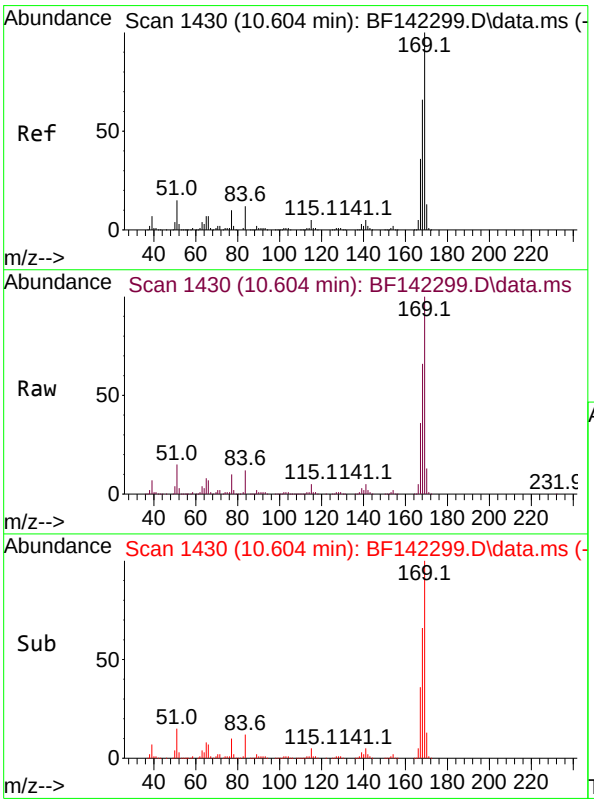
Tgt Ion:198 Resp: 12307

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

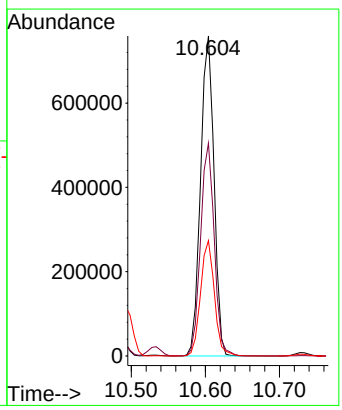


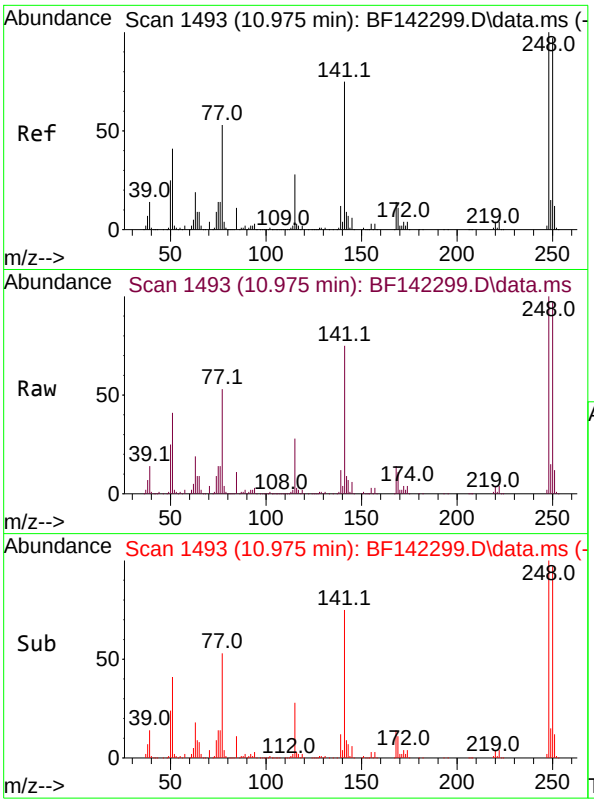


#66
n-Nitrosodiphenylamine
Concen: 37.816 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

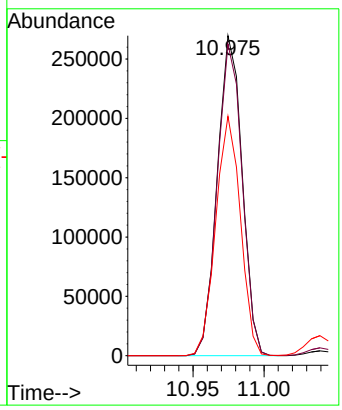
Tgt Ion:248 Resp: 32862

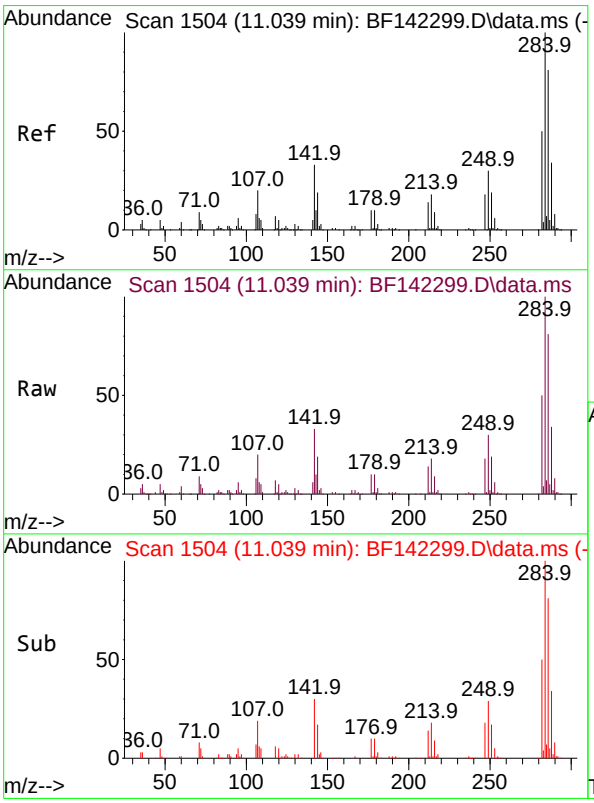
Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.9	116.9
141	74.8	59.8	89.8

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

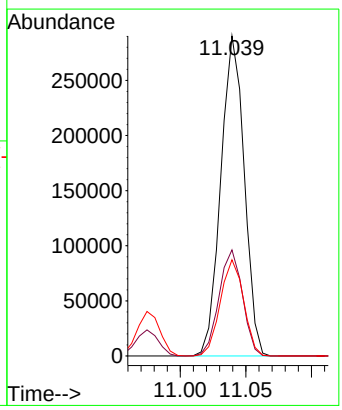


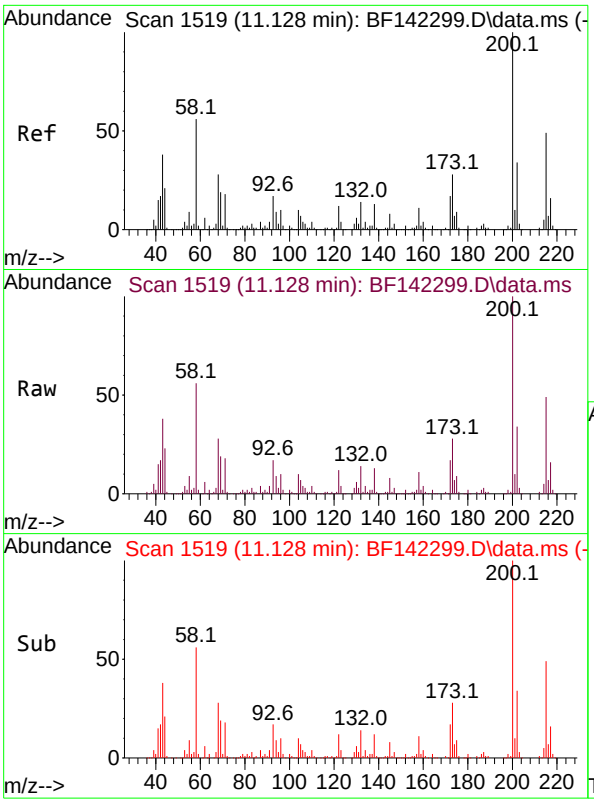


#68
Hexachlorobenzene
Concen: 38.046 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

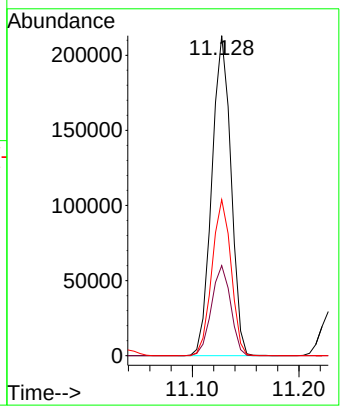




#69
Atrazine
Concen: 39.786 ng
RT: 11.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:200 Resp: 26555

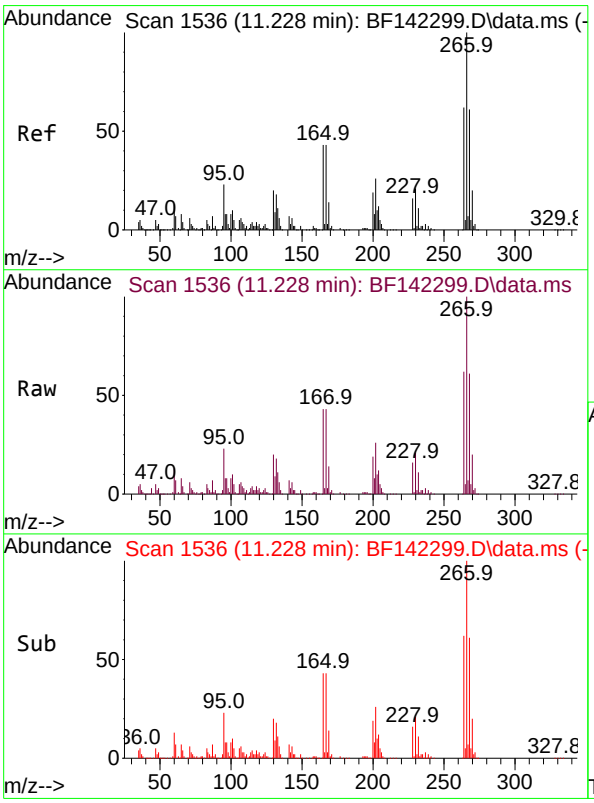
Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.1	48.1
215	48.8	28.8	68.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

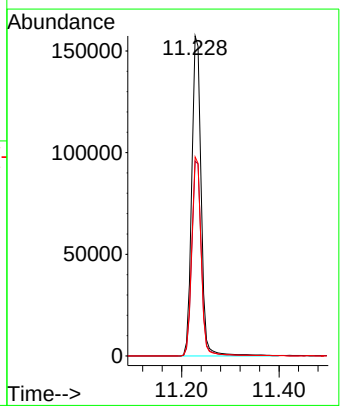
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

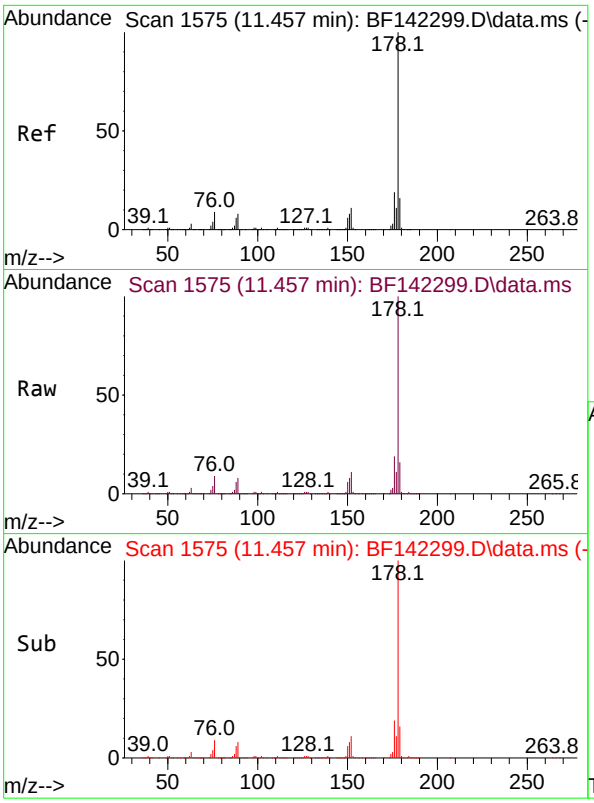


#70
Pentachlorophenol
Concen: 42.334 ng
RT: 11.228 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

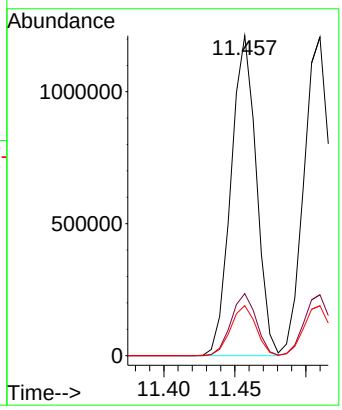




#71
Phenanthrene
Concen: 37.687 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:178 Resp: 150319

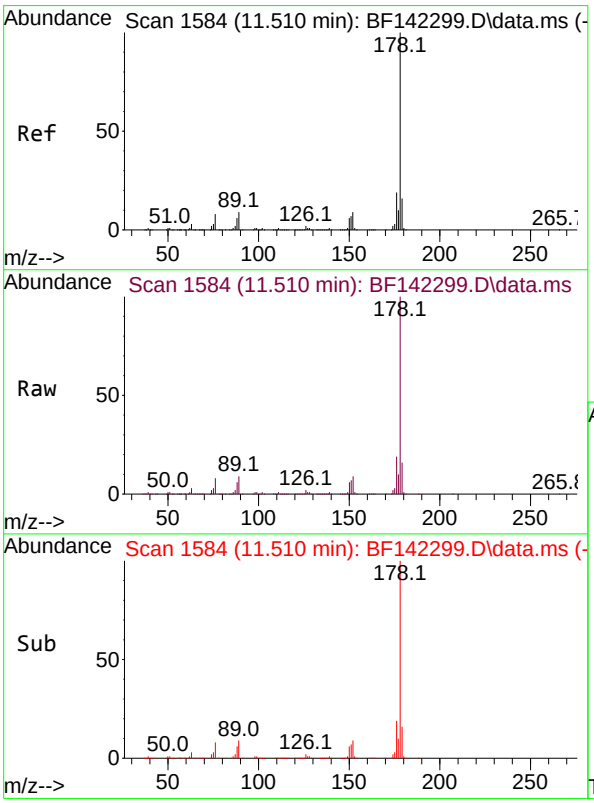
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.7	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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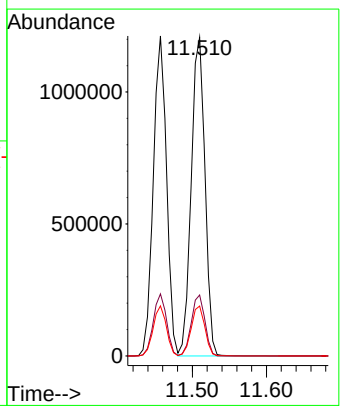
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

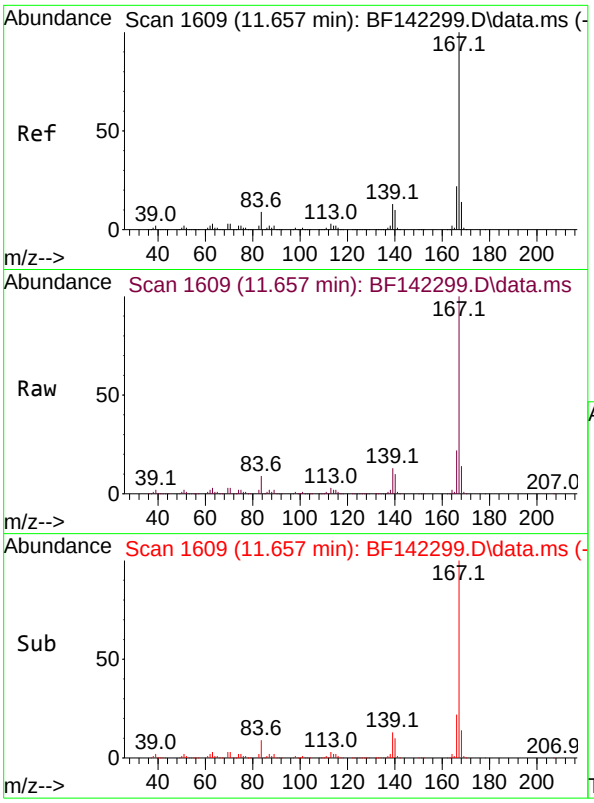


#72
Anthracene
Concen: 37.808 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

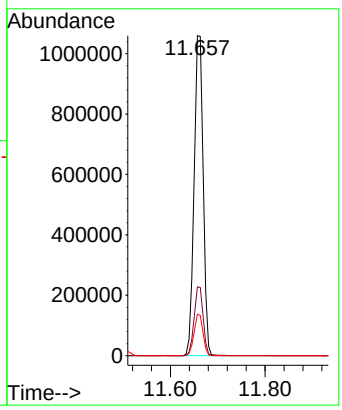




#73
Carbazole
Concen: 38.332 ng
RT: 11.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:167 Resp: 140940

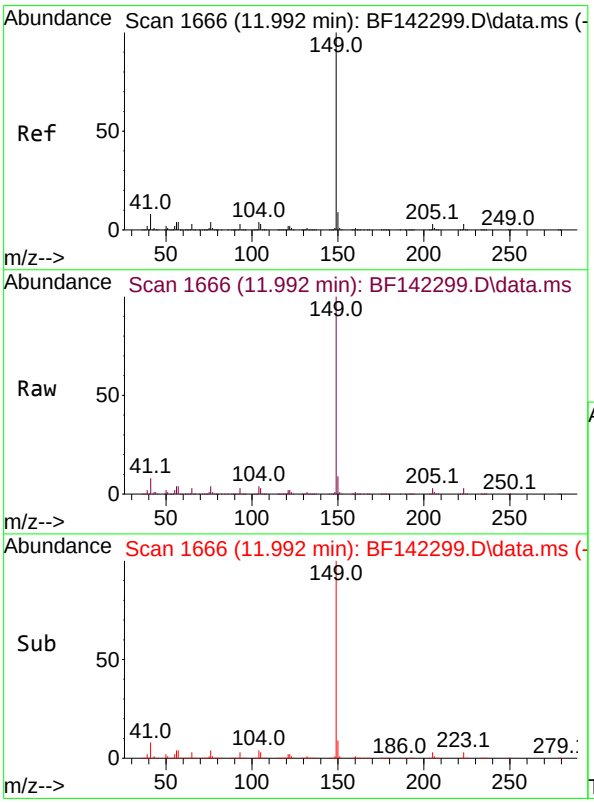
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.9	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

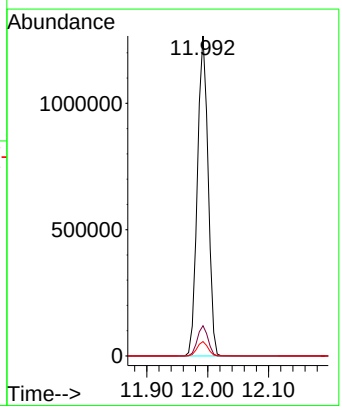
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

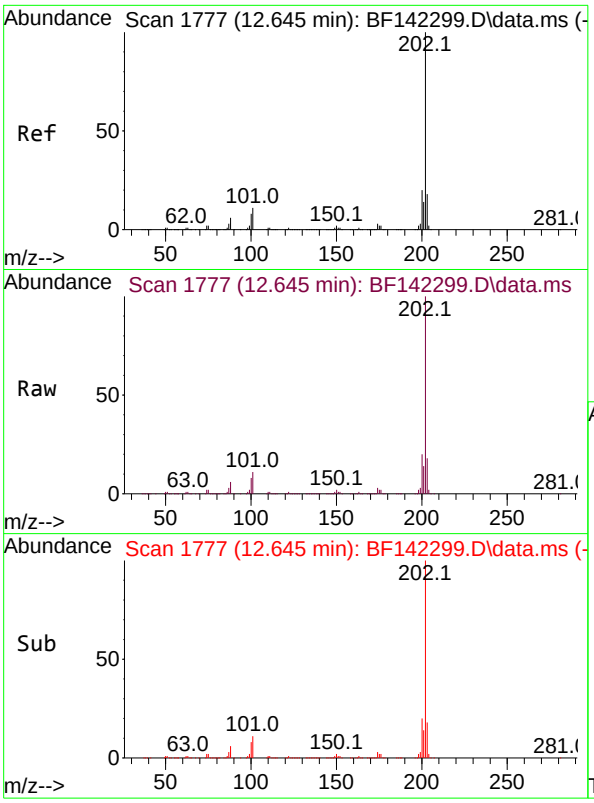


#74
Di-n-butylphthalate
Concen: 39.856 ng
RT: 11.992 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

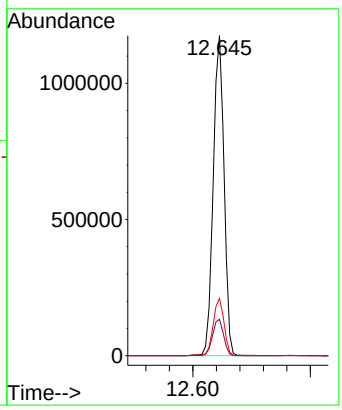




#75
Fluoranthene
Concen: 37.616 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:202 Resp: 149980

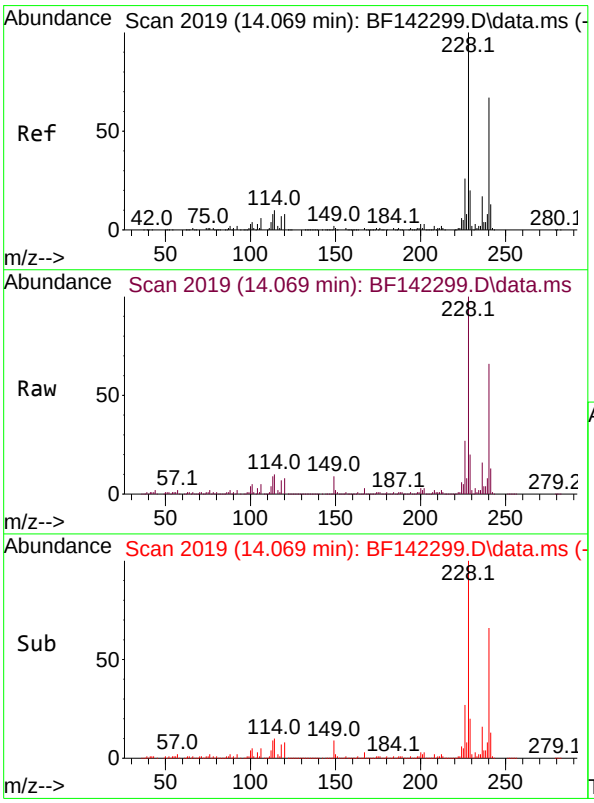
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.9	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

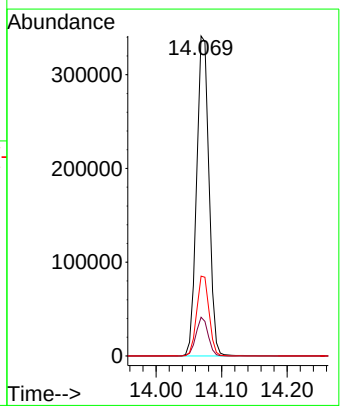
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

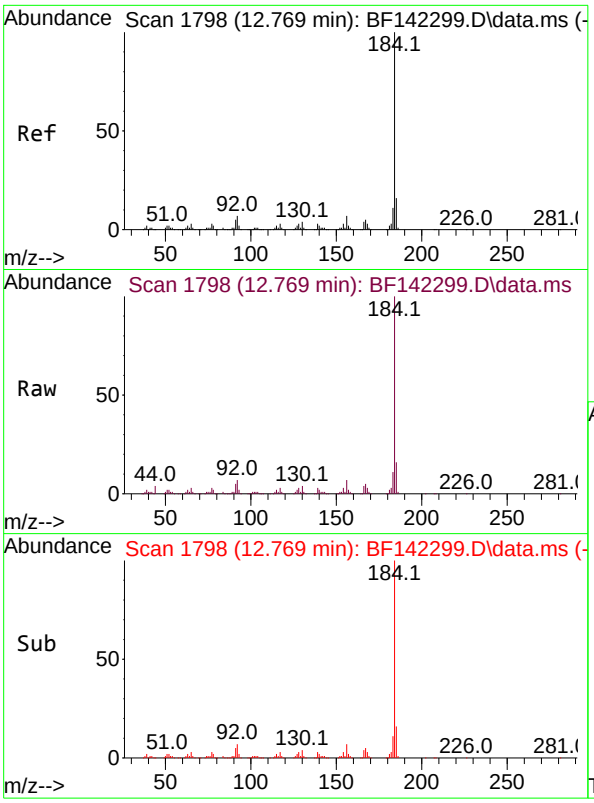


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

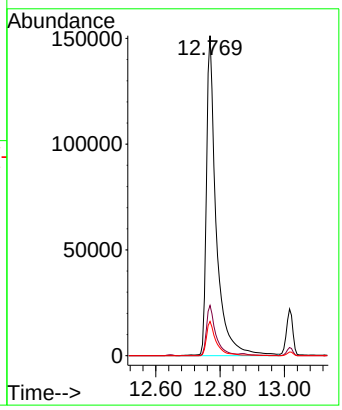




#77
Benzidine
Concen: 39.408 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:184 Resp: 32104

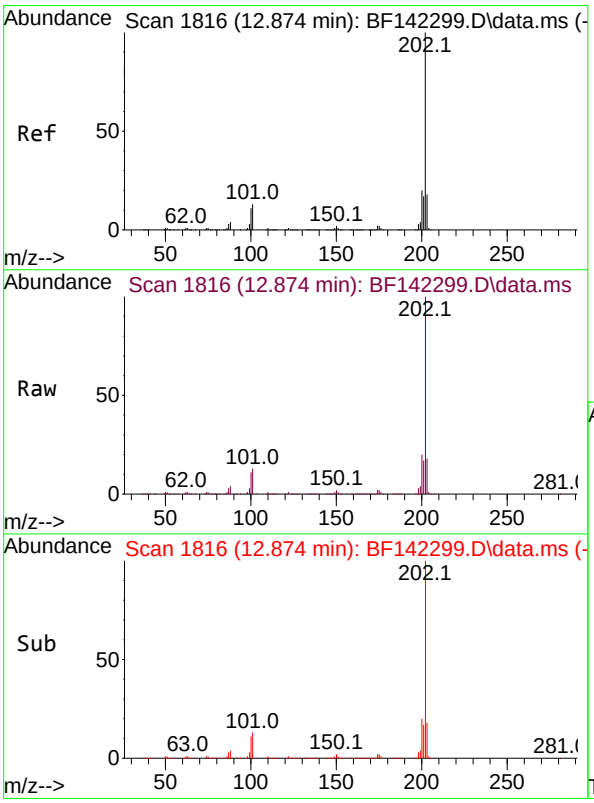
Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	10.7	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

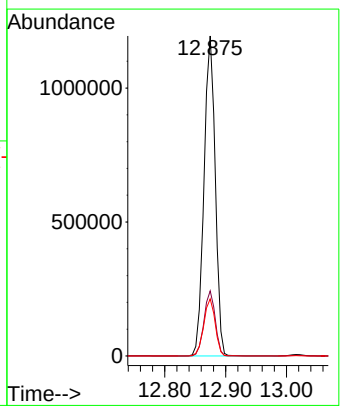
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

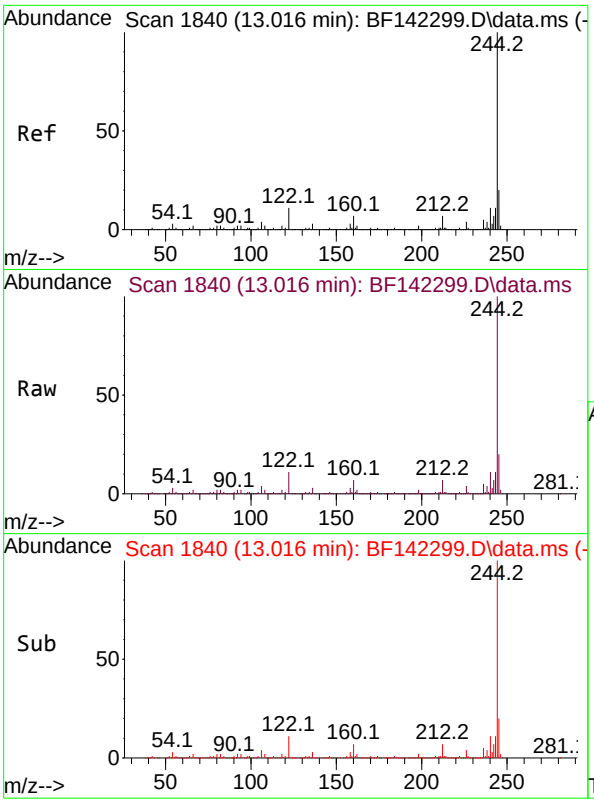


#78
Pyrene
Concen: 38.307 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

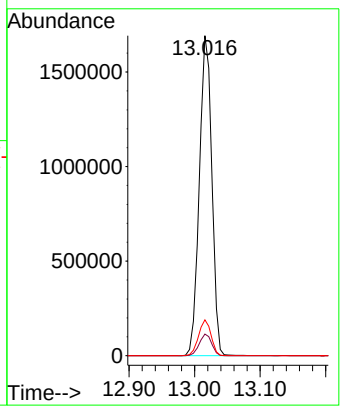
Tgt Ion:244 Resp: 225033

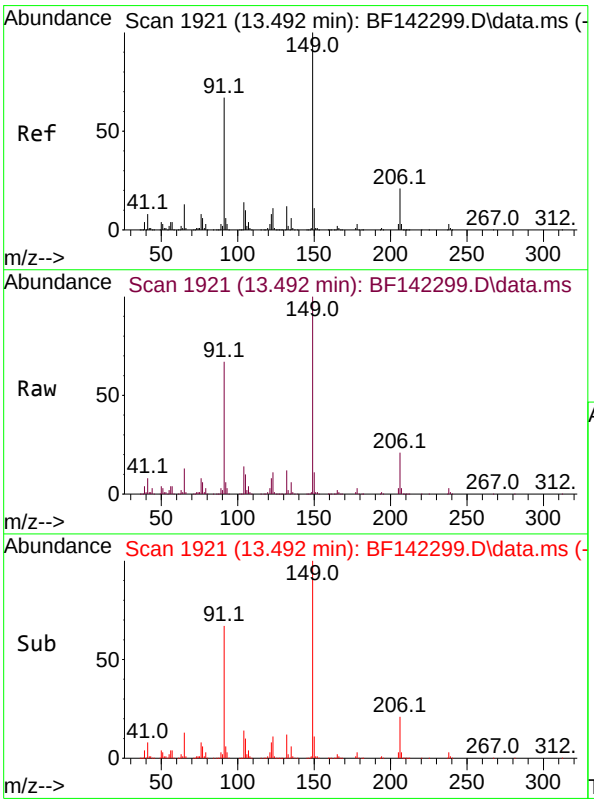
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.2	9.0	13.4

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

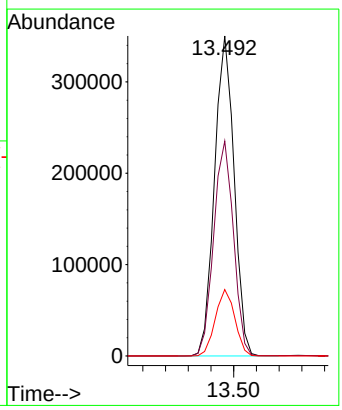


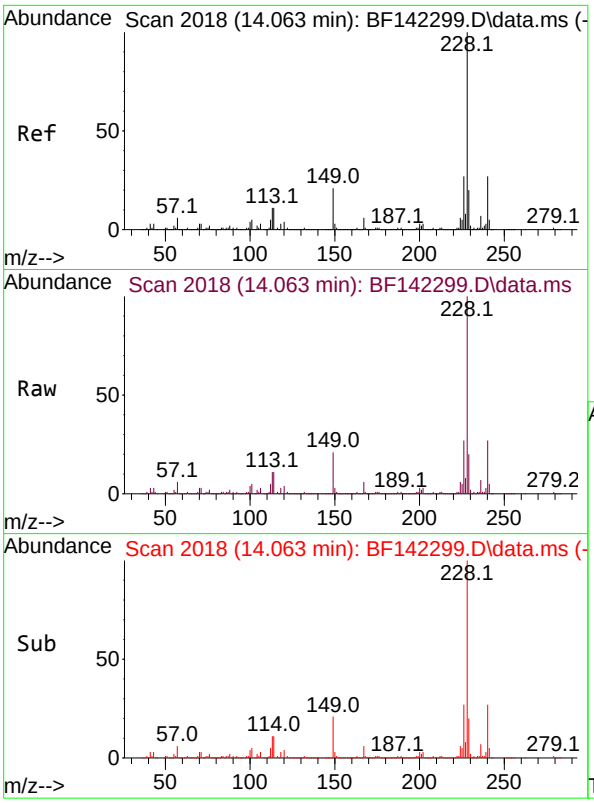


#80
Butylbenzylphthalate
Concen: 36.993 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

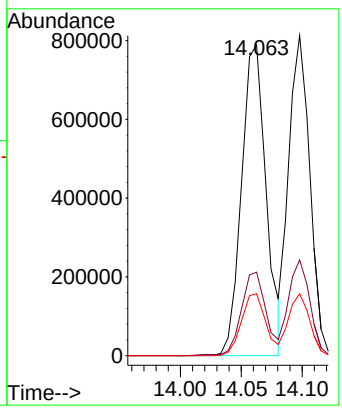




#81
Benzo(a)anthracene
Concen: 38.218 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:228 Resp: 110951

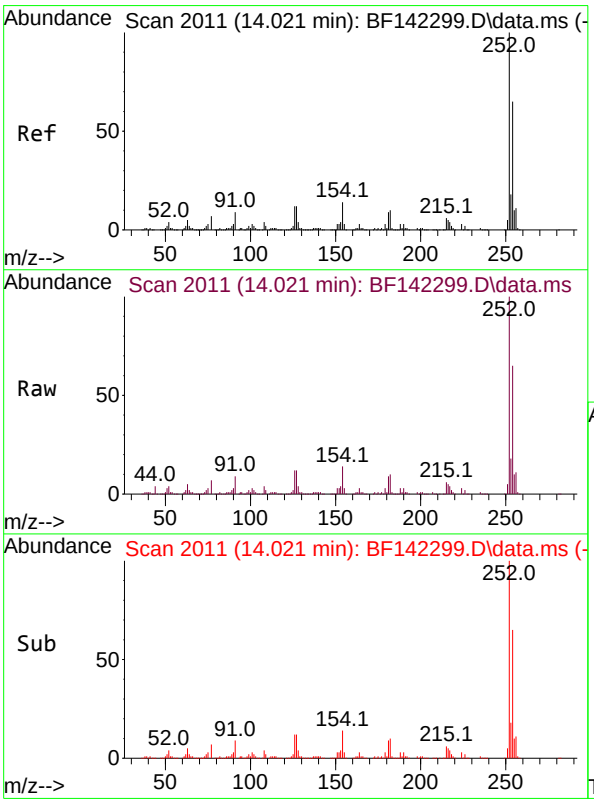
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.5	32.3
229	19.9	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

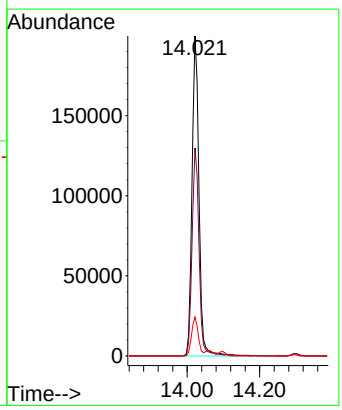
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

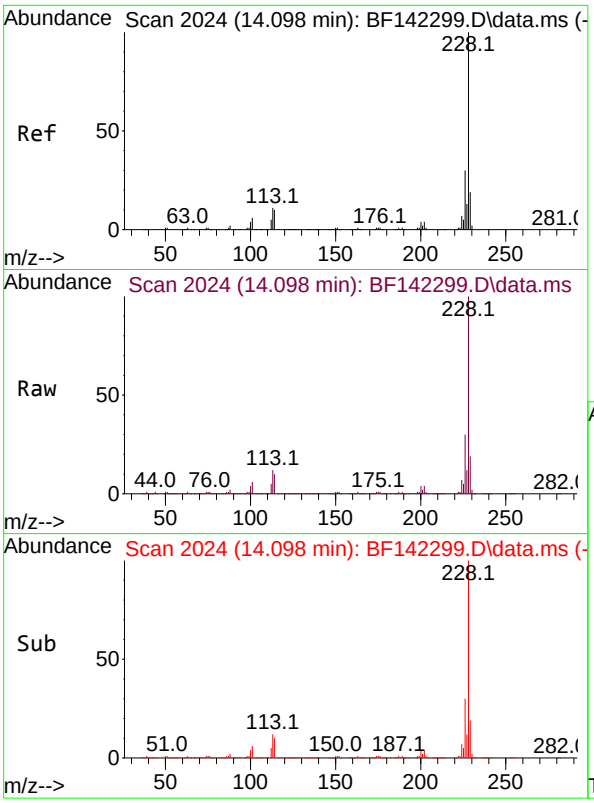


#82
3,3'-Dichlorobenzidine
Concen: 39.352 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

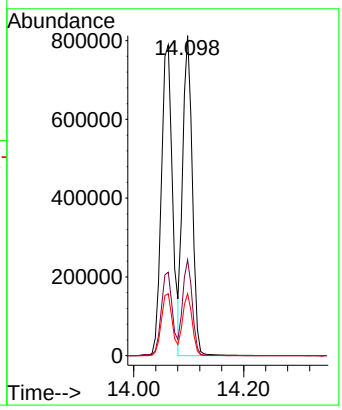
Tgt Ion:228 Resp: 98981

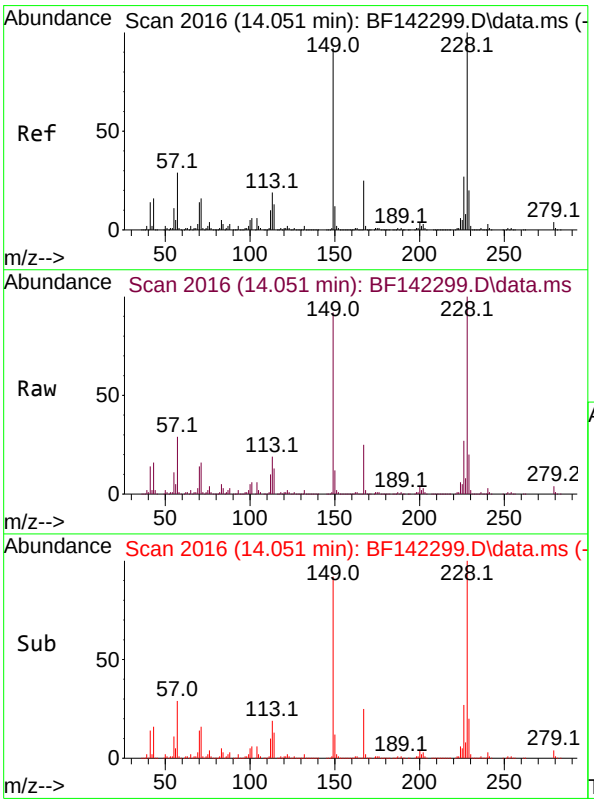
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.3	15.4	23.2

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

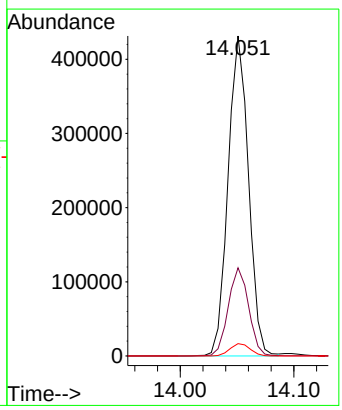


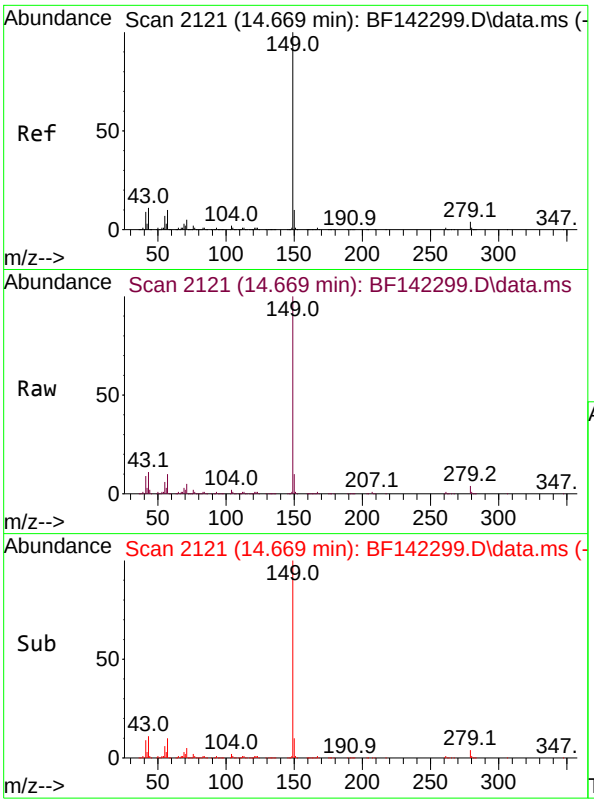


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.650 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

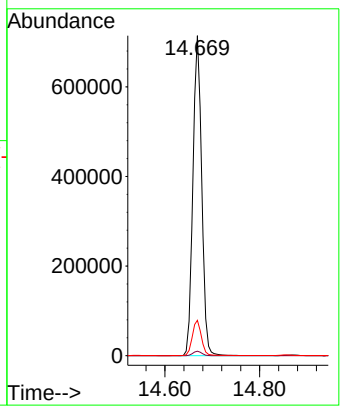




#85
Di-n-octyl phthalate
Concen: 36.079 ng
RT: 14.669 min Scan# 21
Delta R.T. -0.001 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:149 Resp: 92280

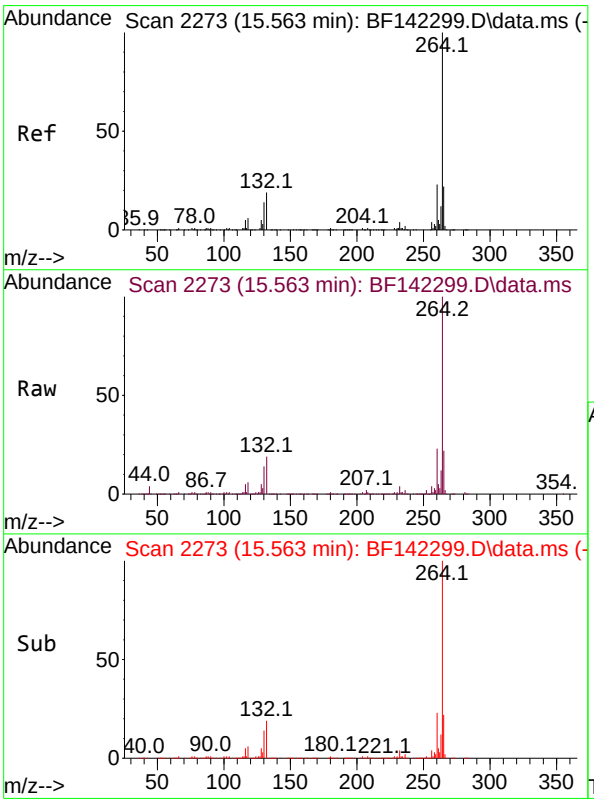
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	11.5	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

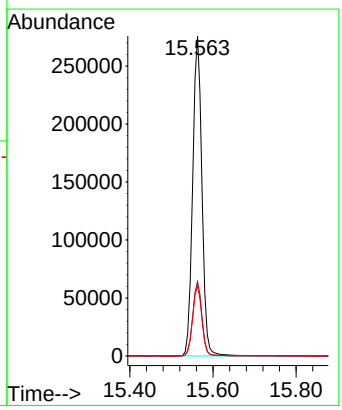
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

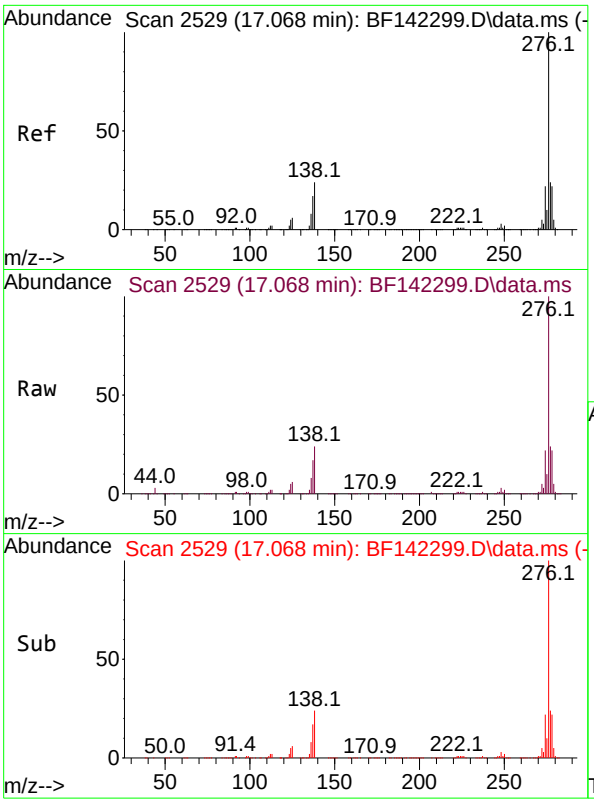


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

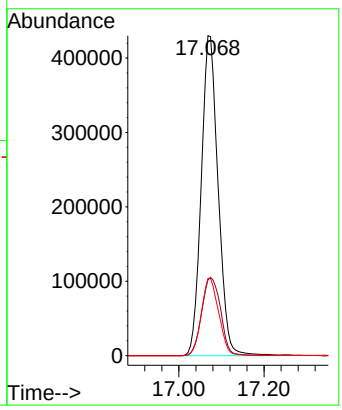




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.794 ng
RT: 17.068 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:276 Resp: 118126

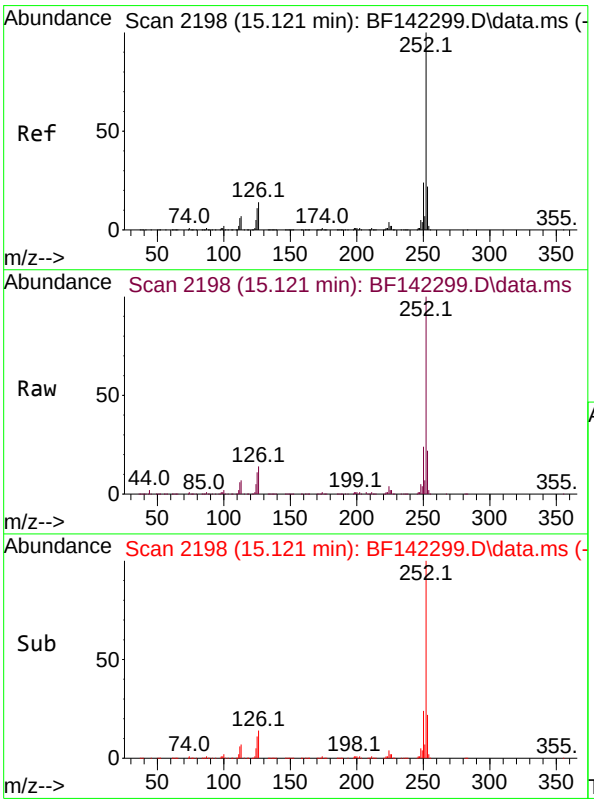
Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.0	33.0
277	25.1	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

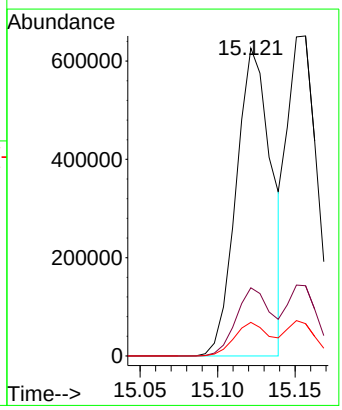
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

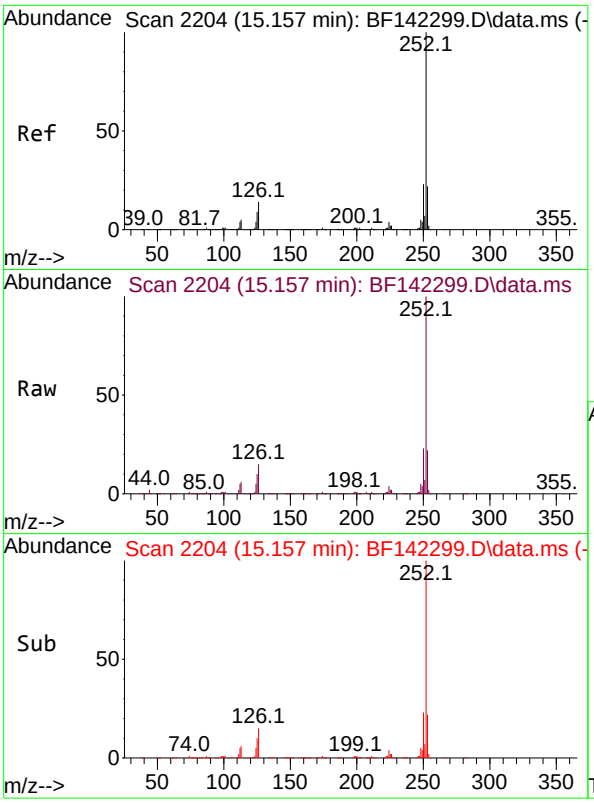


#88
Benzo(b)fluoranthene
Concen: 38.414 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

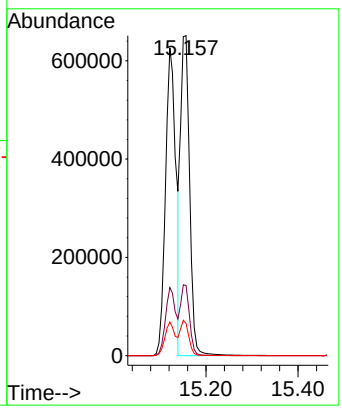




#89
Benzo(k)fluoranthene
Concen: 37.546 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:252 Resp: 88802

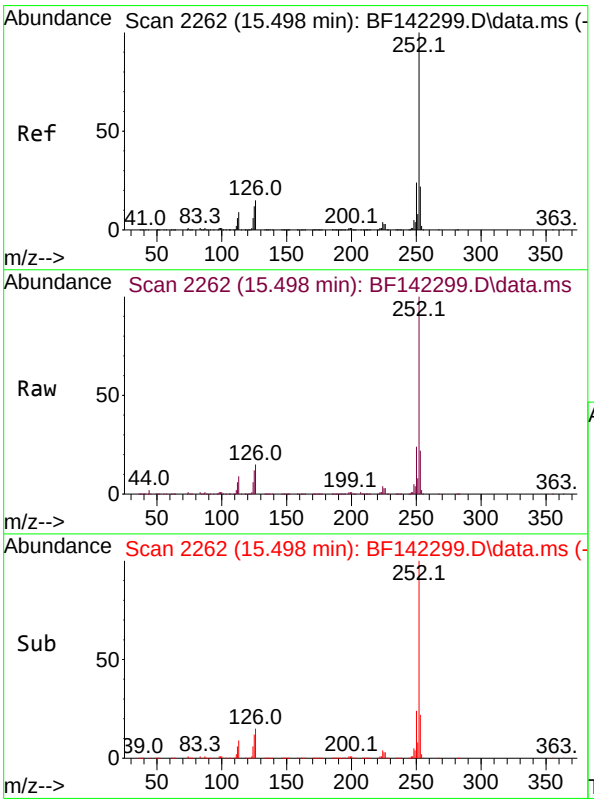
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.1	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

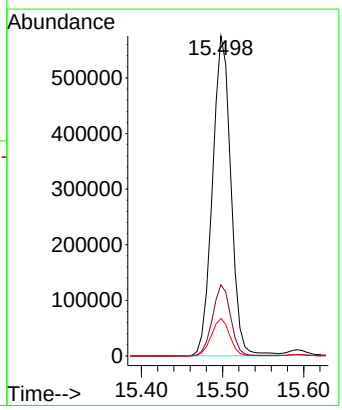
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

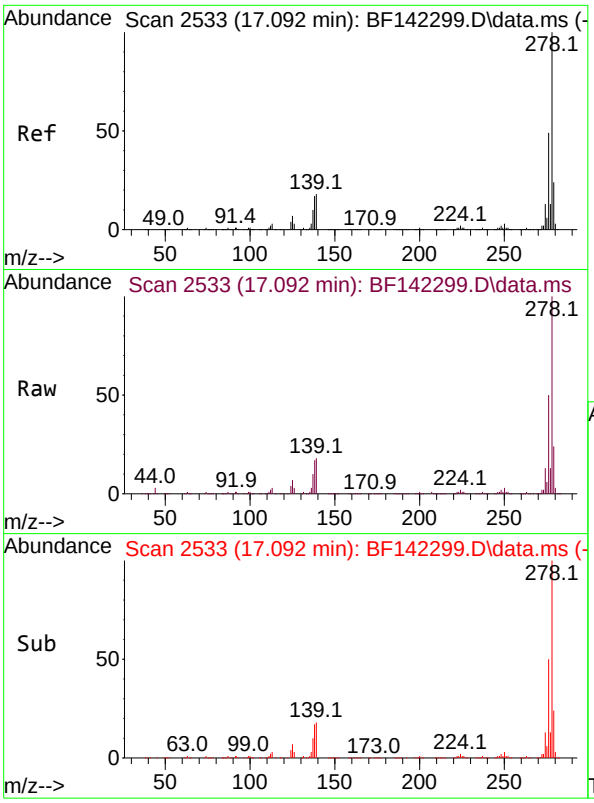


#90
Benzo(a)pyrene
Concen: 39.269 ng
RT: 15.498 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

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

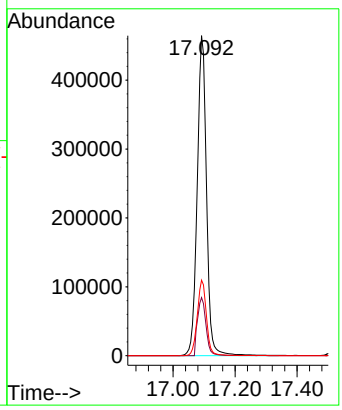




#91
Dibenzo(a,h)anthracene
Concen: 39.578 ng
RT: 17.092 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:278 Resp: 97062

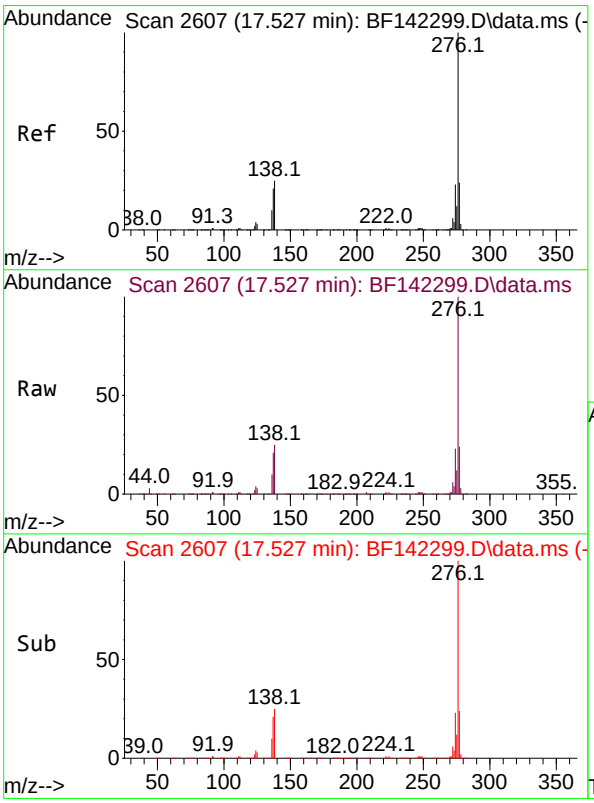
Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.5	21.7
279	23.6	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

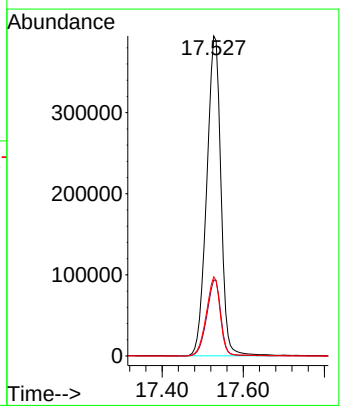
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#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

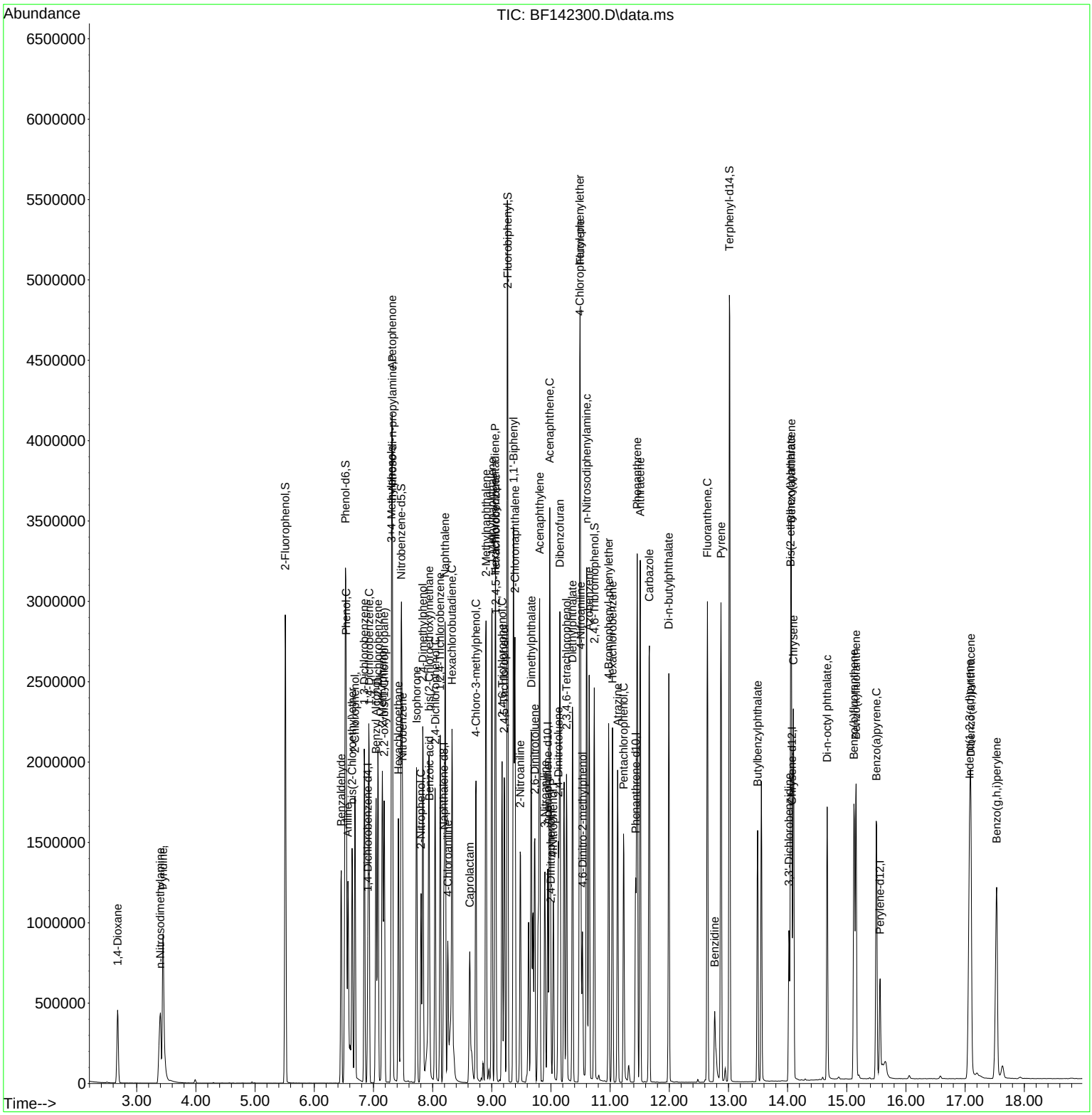
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142300.D
Acq On : 05 May 2025 16:18
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

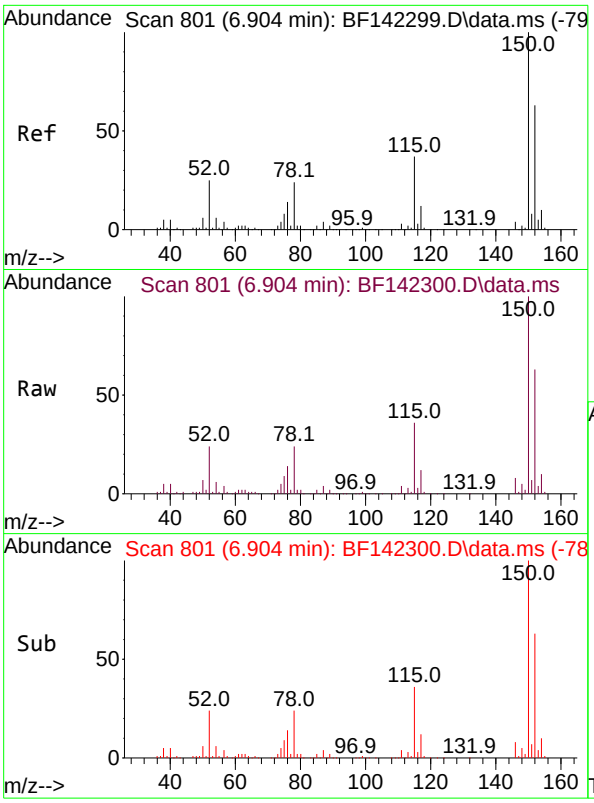
Quant Time: May 05 18:00:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

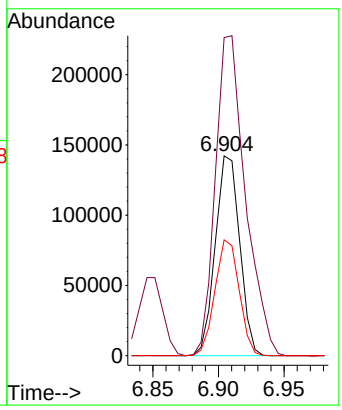




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:152 Resp: 18414

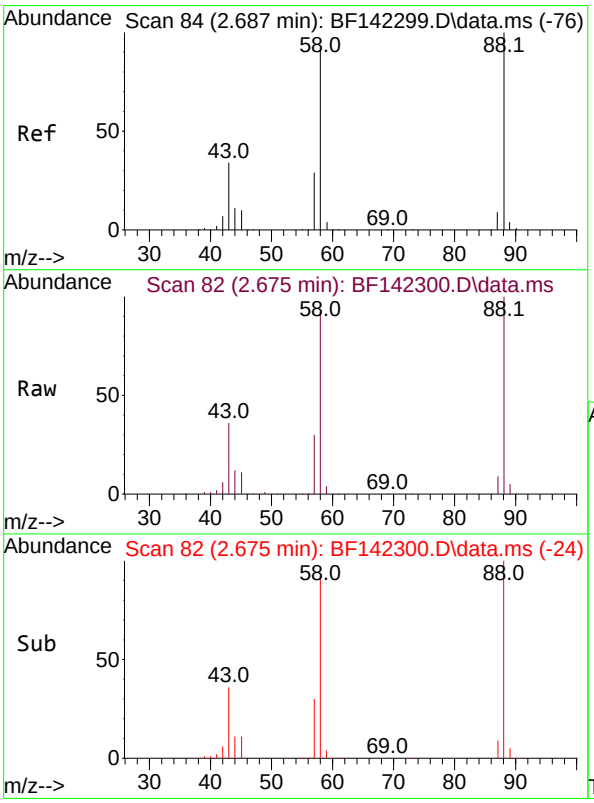
Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.6	190.0
115	57.9	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

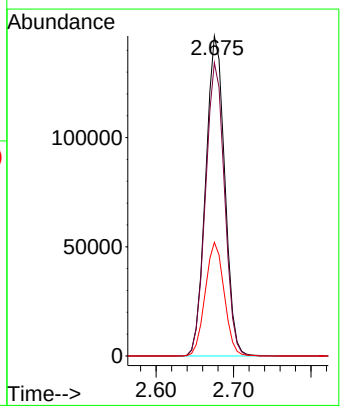
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

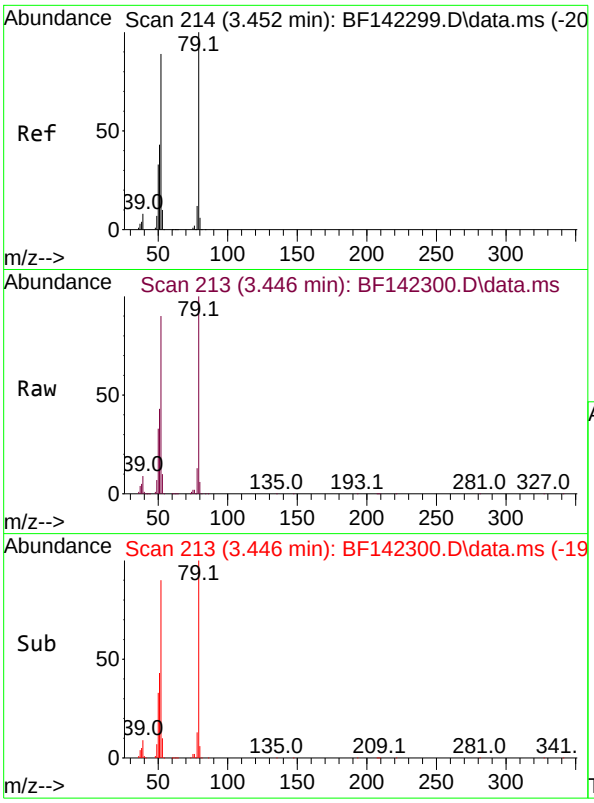


#2
1,4-Dioxane
Concen: 51.492 ng
RT: 2.675 min Scan# 82
Delta R.T. -0.012 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

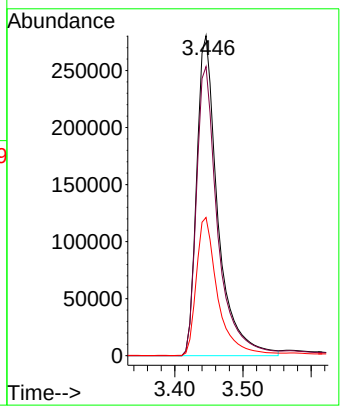




#3
Pyridine
Concen: 52.856 ng
RT: 3.446 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 79 Resp: 60372

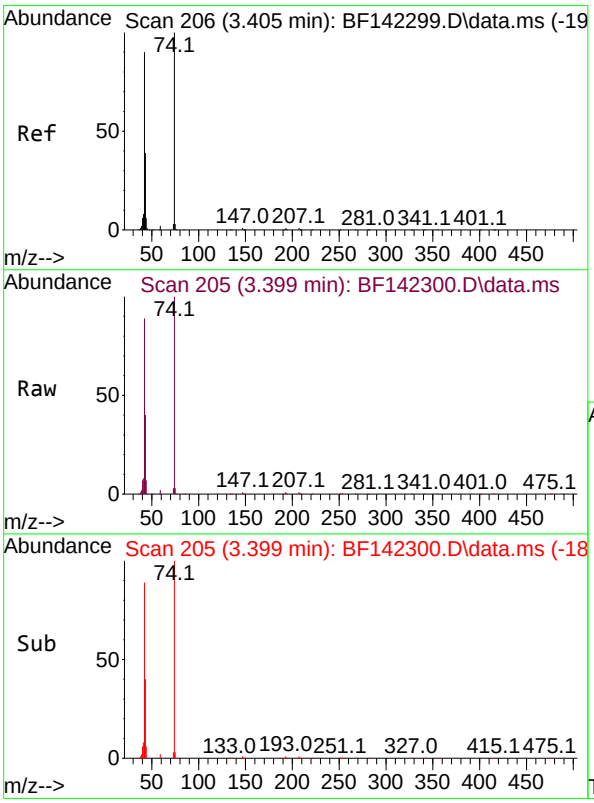
Ion	Ratio	Lower	Upper
79	100		
52	90.4	71.0	106.4
51	43.2	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

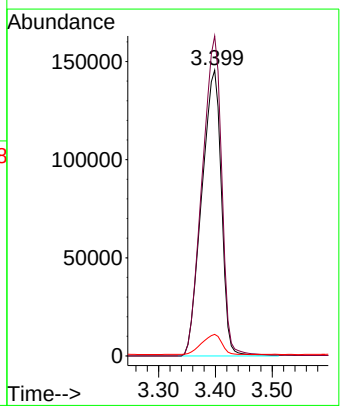
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

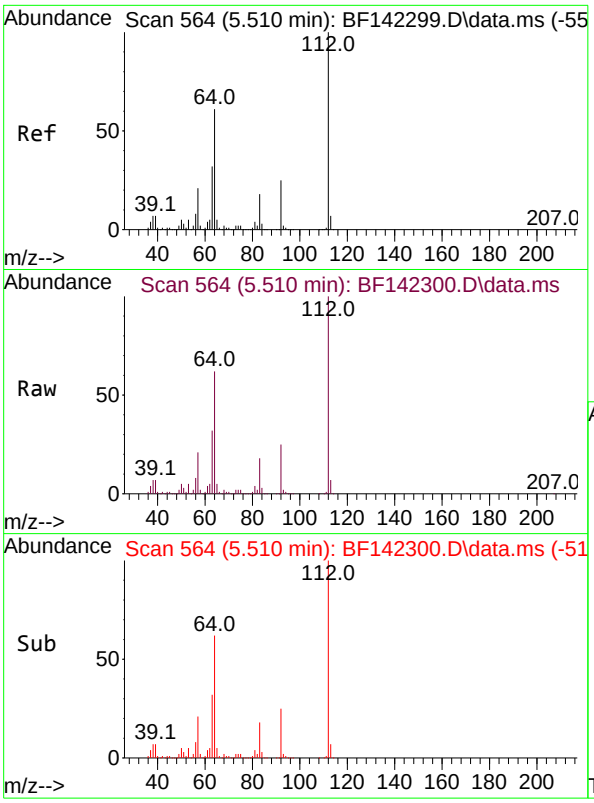


#4
n-Nitrosodimethylamine
Concen: 52.710 ng
RT: 3.399 min Scan# 205
Delta R.T. -0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

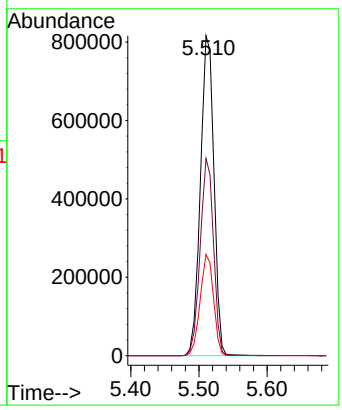




#5
2-Fluorophenol
Concen: 104.504 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:112 Resp: 112727

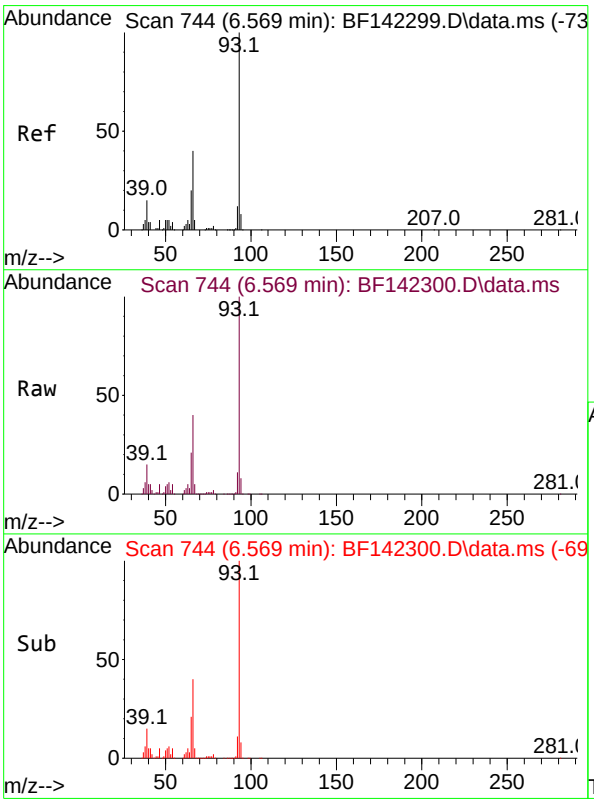
Ion	Ratio	Lower	Upper
112	100		
64	61.6	48.9	73.3
63	31.6	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

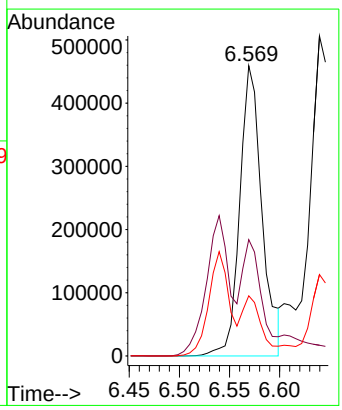
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

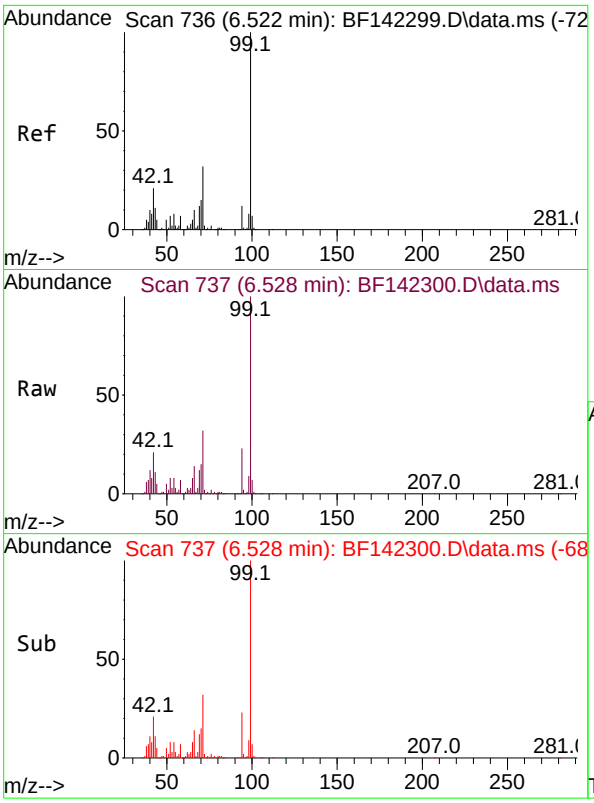


#6
Aniline
Concen: 54.590 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

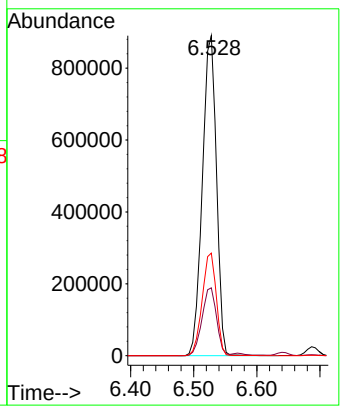




#7
Phenol-d6
Concen: 104.071 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 99 Resp: 138072

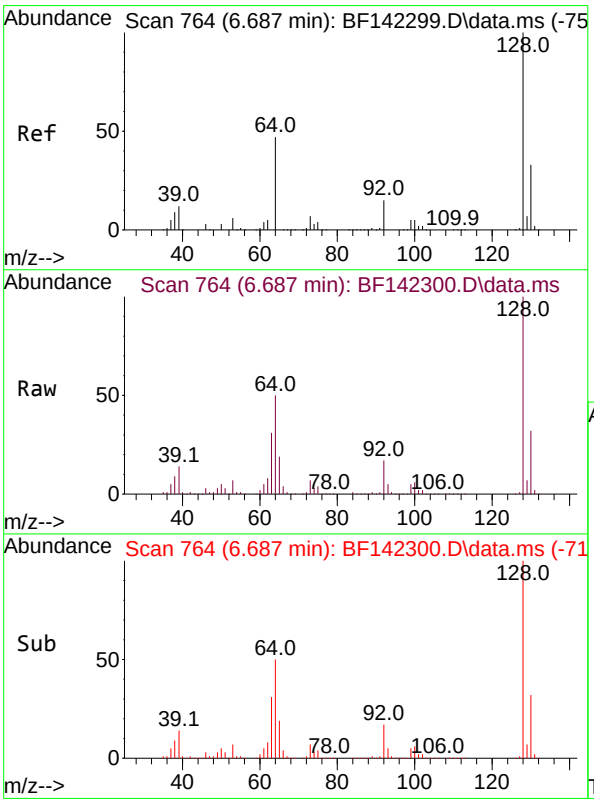
Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.4
71	32.1	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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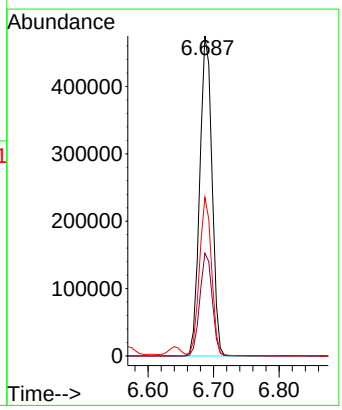
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

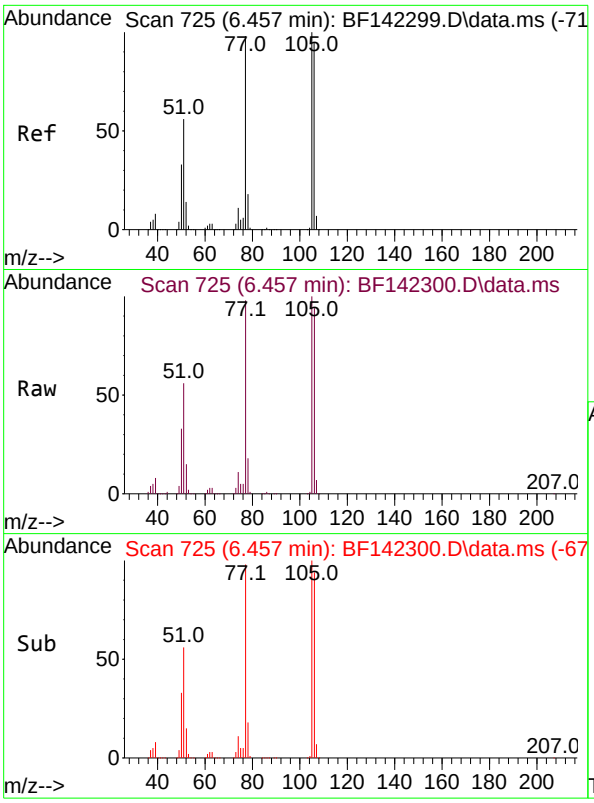


#8
2-Chlorophenol
Concen: 53.769 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

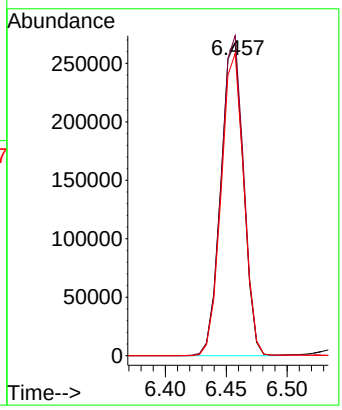




#9
Benzaldehyde
Concen: 44.591 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 77 Resp: 34624

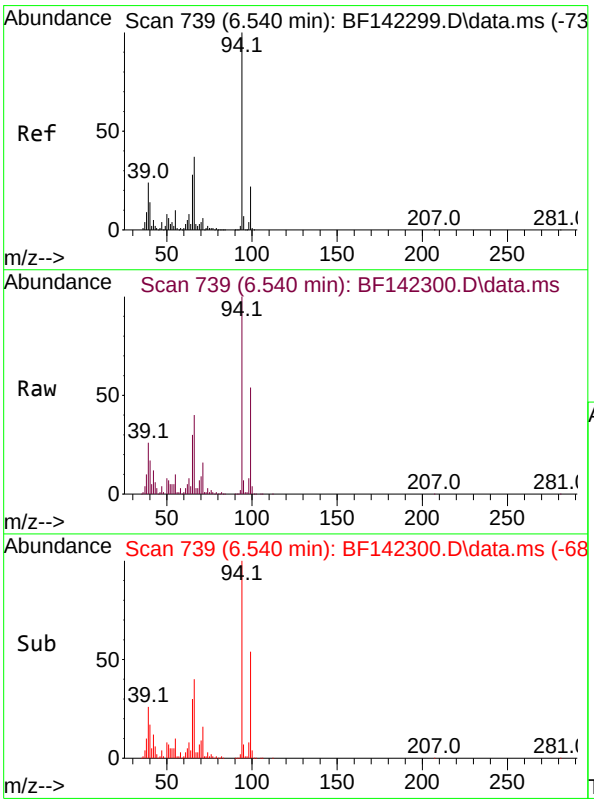
Ion	Ratio	Lower	Upper
77	100		
105	102.3	82.0	122.0
106	96.6	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

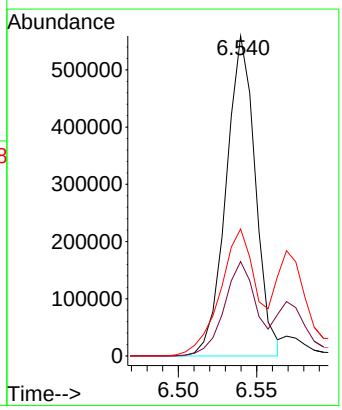
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

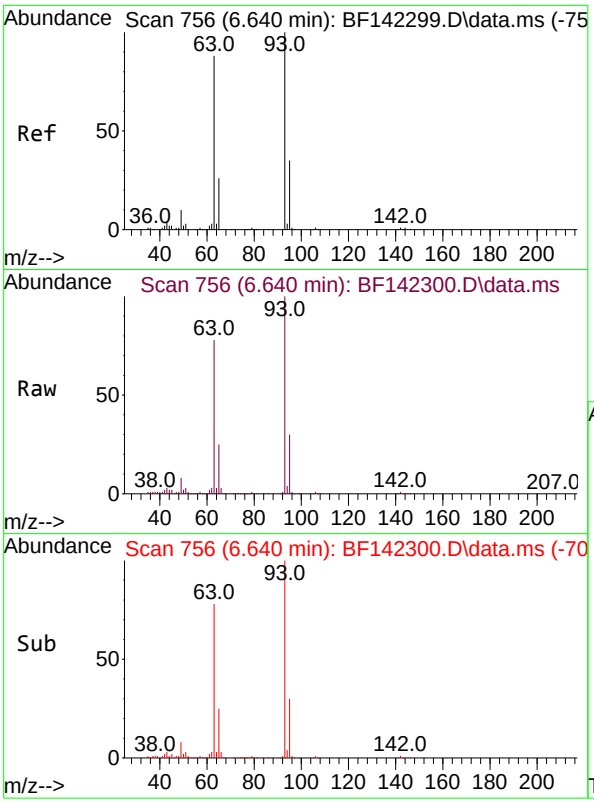


#10
Phenol
Concen: 51.714 ng m
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

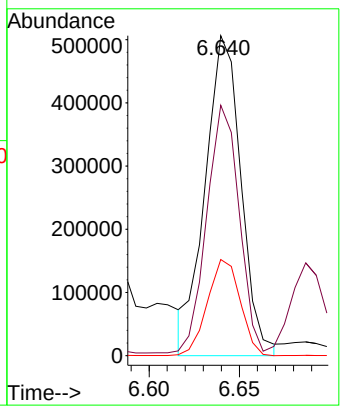




#11
bis(2-Chloroethyl)ether
Concen: 50.339 ng m
RT: 6.640 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 93 Resp: 69811

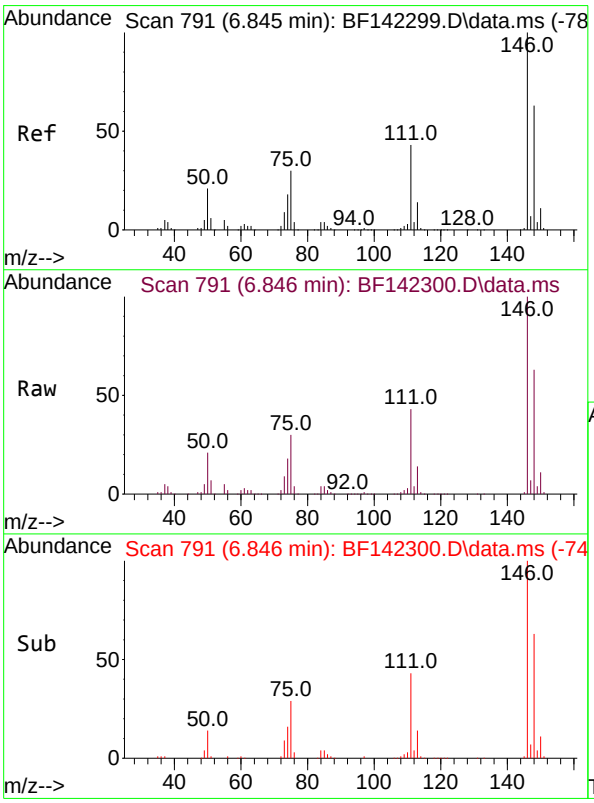
Ion	Ratio	Lower	Upper
93	100		
63	78.3	58.4	98.4
95	30.1	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

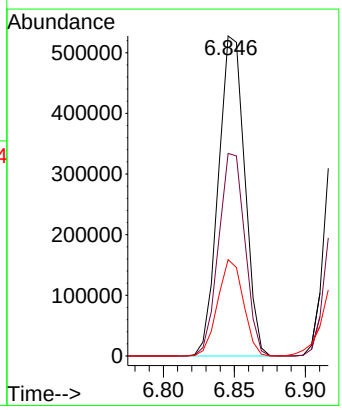
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

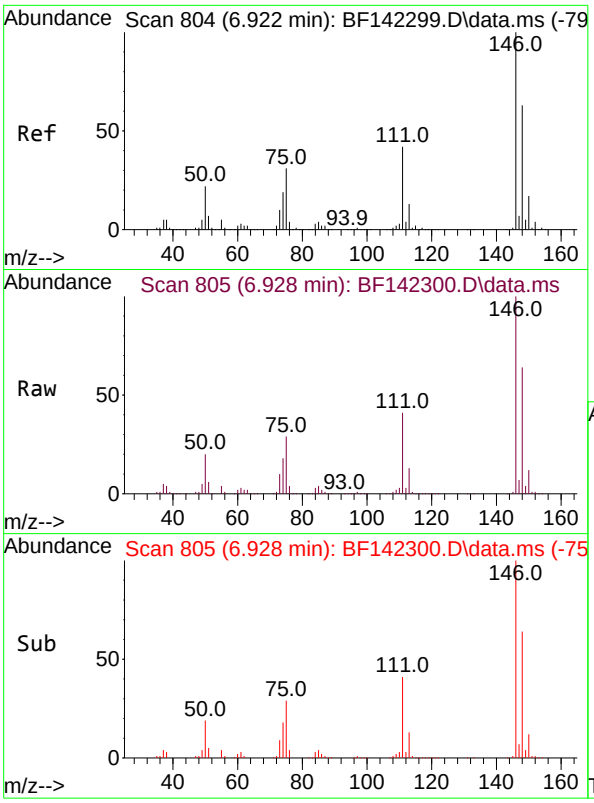


#12
1,3-Dichlorobenzene
Concen: 51.563 ng
RT: 6.846 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

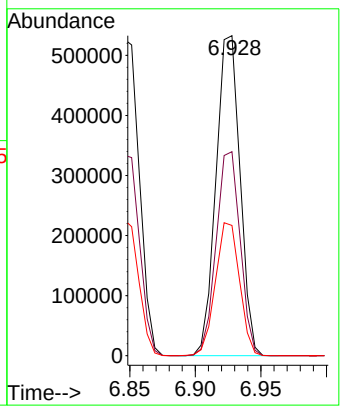




#13
1,4-Dichlorobenzene
Concen: 51.307 ng
RT: 6.928 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:146 Resp: 67935

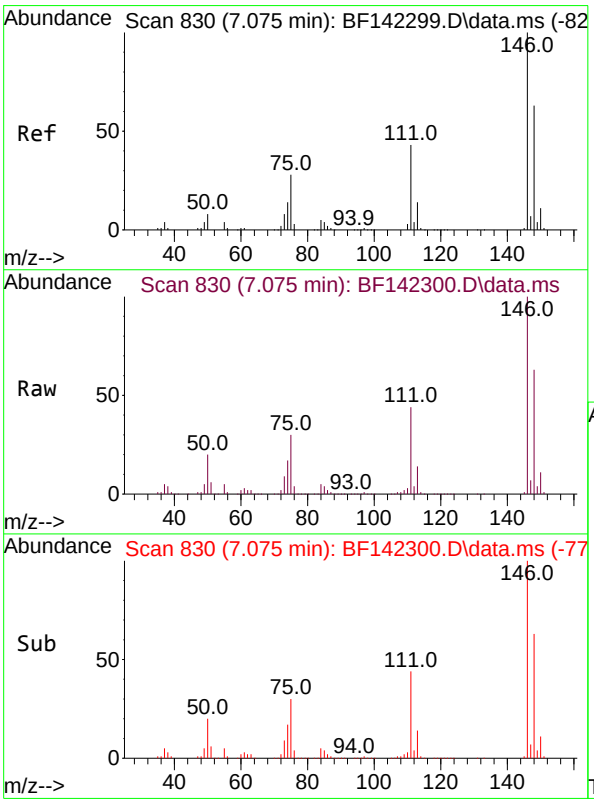
Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
111	40.7	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

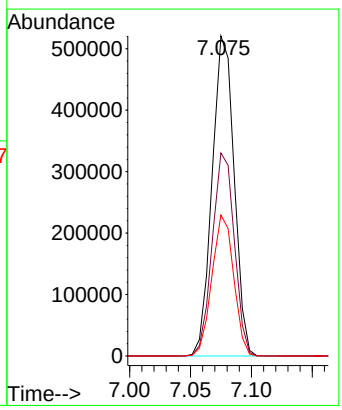
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

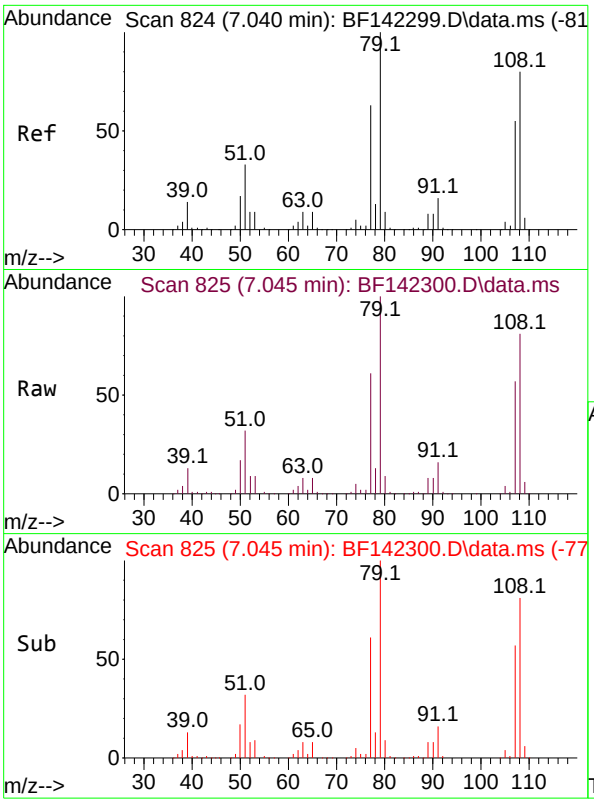


#14
1,2-Dichlorobenzene
Concen: 51.578 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

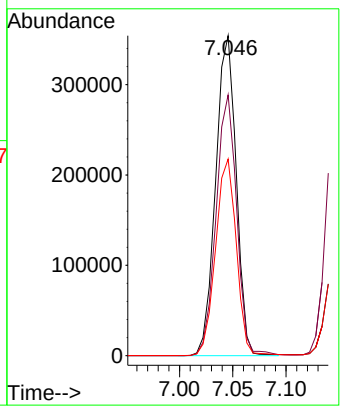
Tgt Ion: 79 Resp: 47430

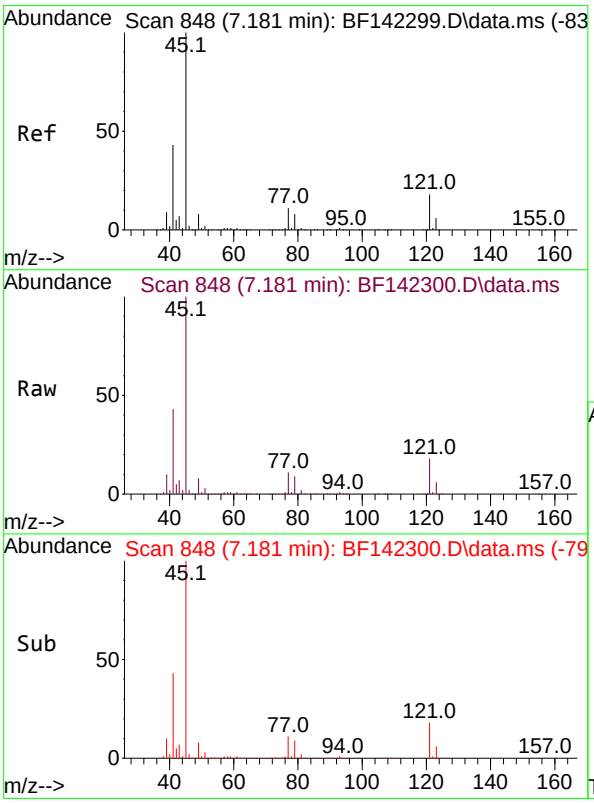
Ion	Ratio	Lower	Upper
79	100		
108	81.5	63.9	95.9
77	61.4	50.7	76.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

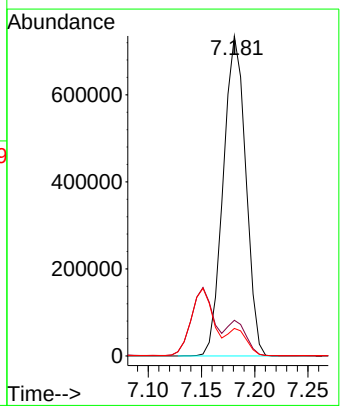


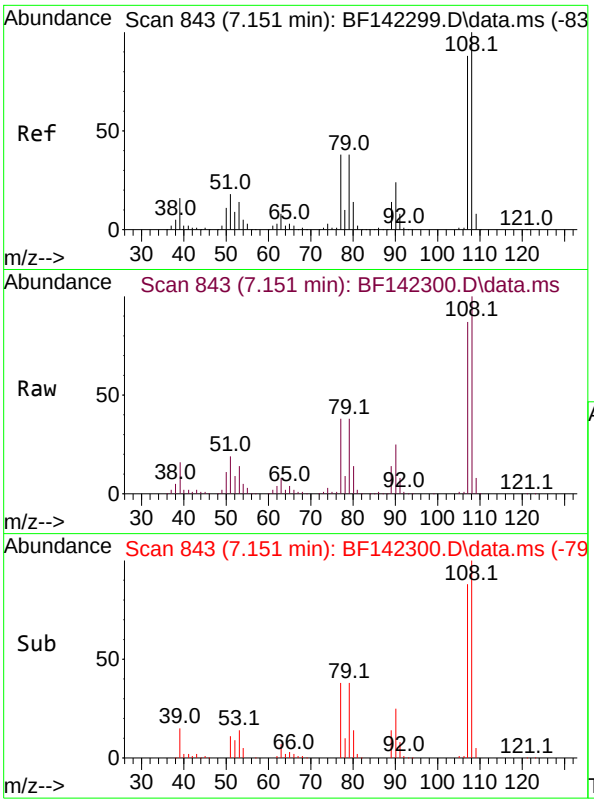


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.026 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

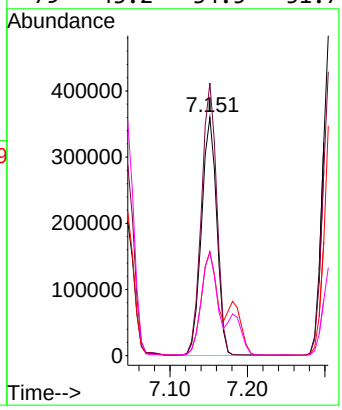




#17
2-Methylphenol
Concen: 52.792 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:107 Resp: 49267

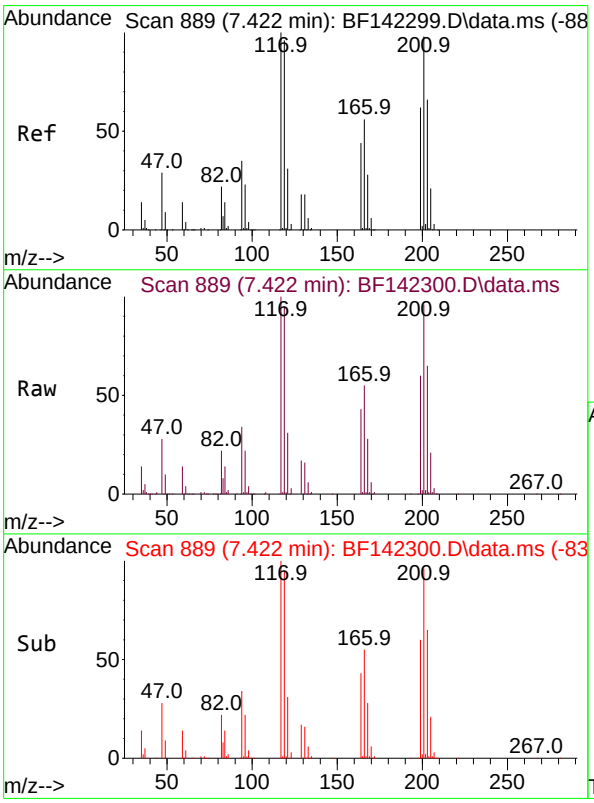
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.1	136.7
77	43.7	34.7	52.1
79	43.2	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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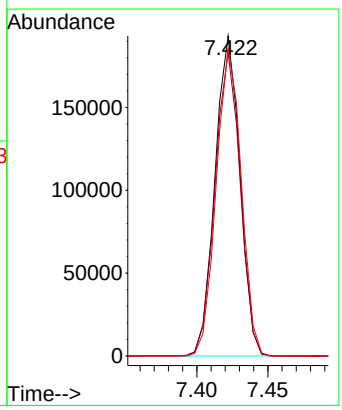
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

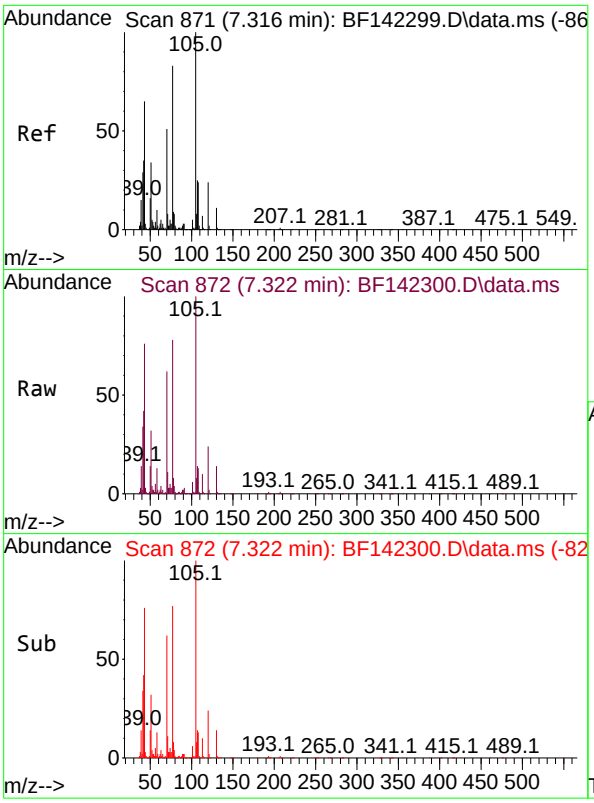


#18
Hexachloroethane
Concen: 53.439 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

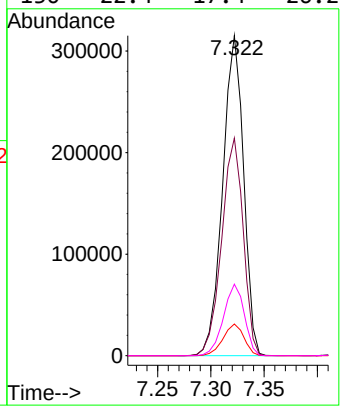




#19
n-Nitroso-di-n-propylamine
Concen: 52.324 ng
RT: 7.322 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 70 Resp: 42940

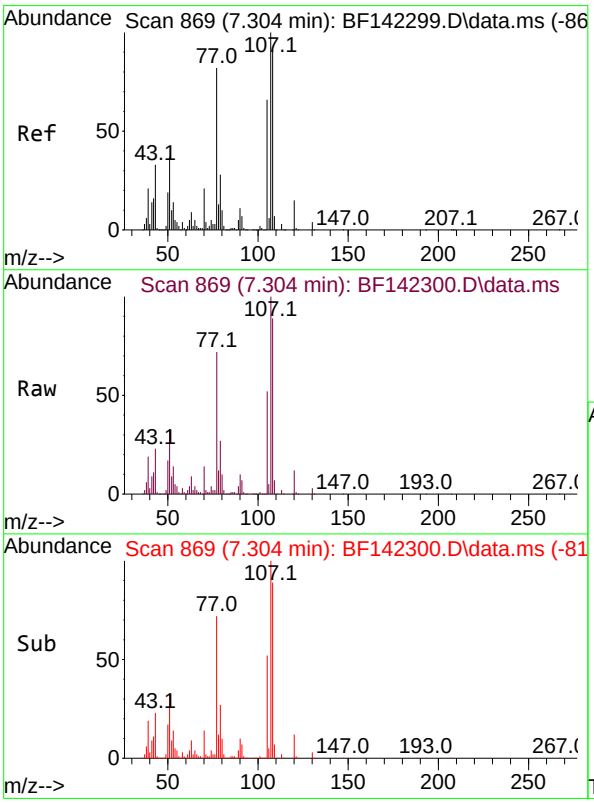
Ion	Ratio	Lower	Upper
70	100		
42	68.0	54.8	82.2
101	9.9	7.7	11.5
130	22.4	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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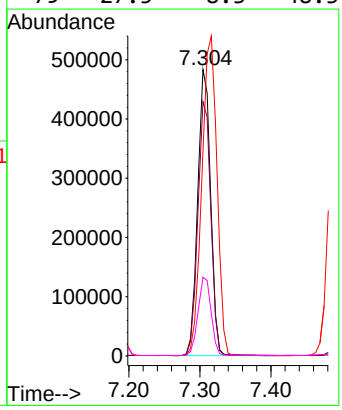
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

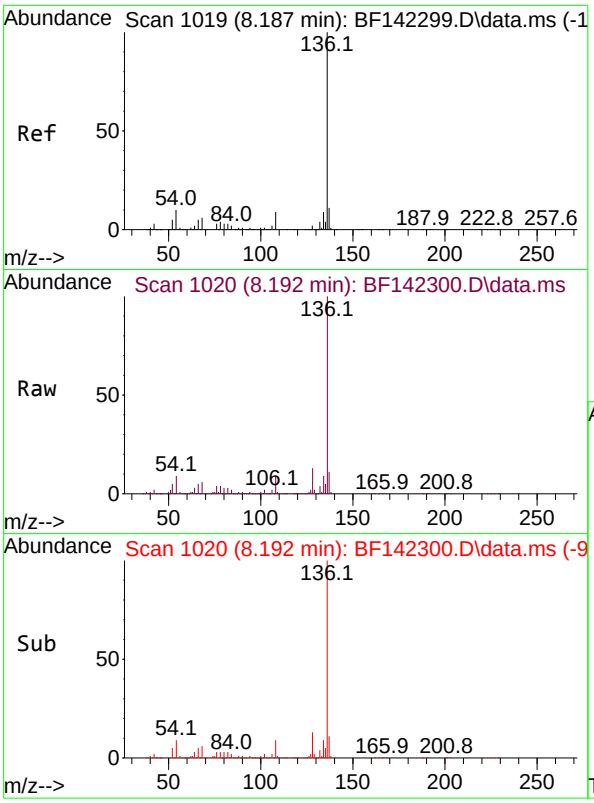


#20
3+4-Methylphenols
Concen: 52.680 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

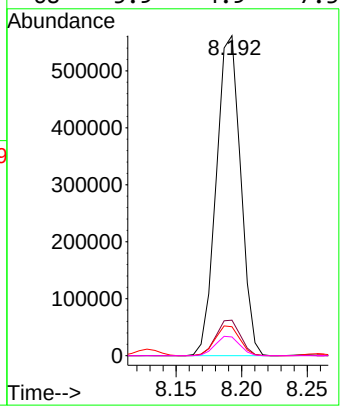




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:136 Resp: 72543

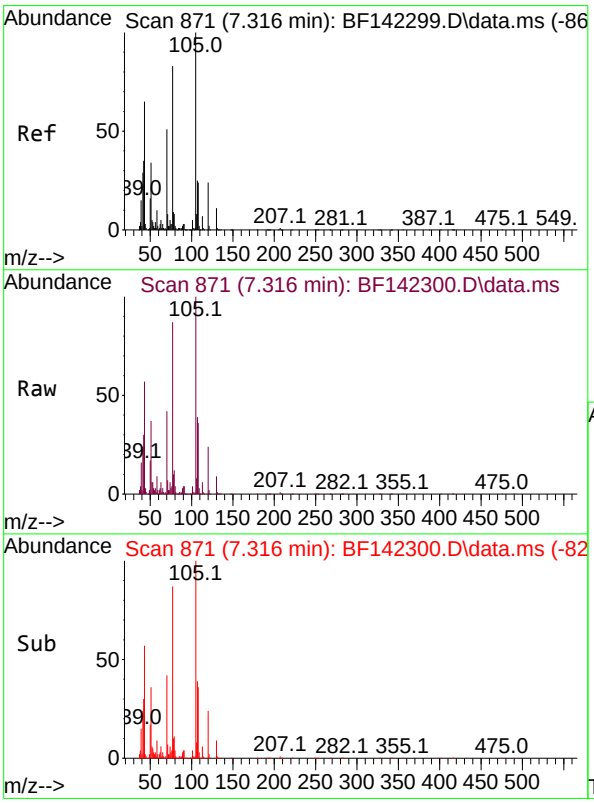
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.1	7.7	11.5
68	5.9	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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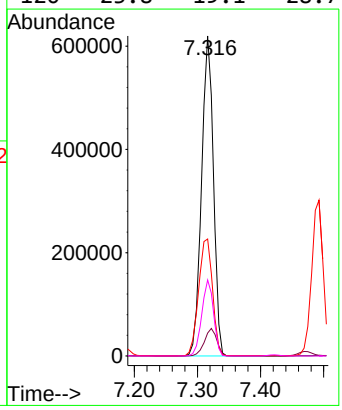
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

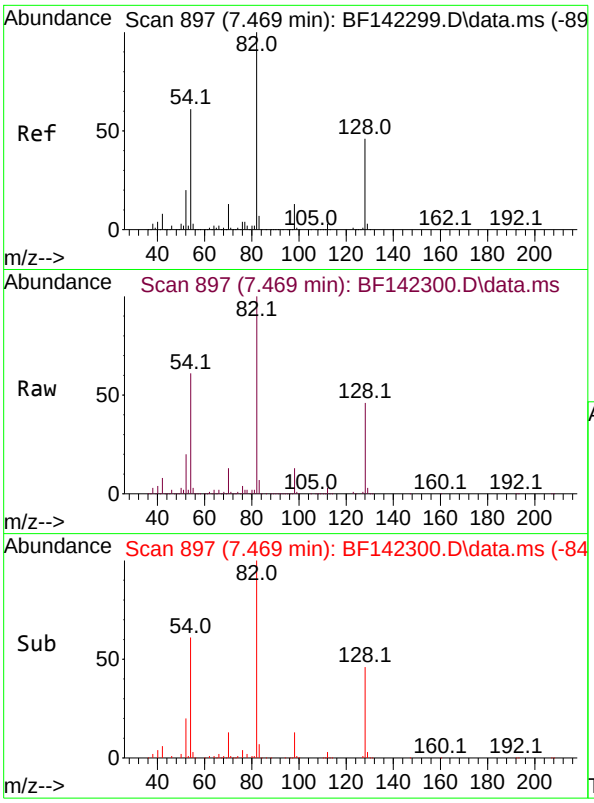


#22
Acetophenone
Concen: 50.190 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

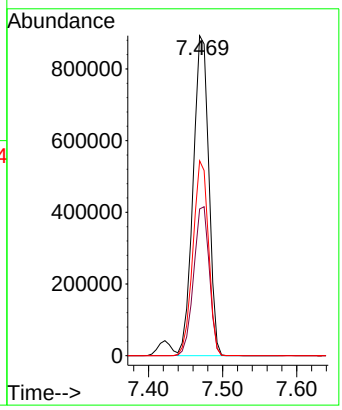
Tgt Ion: 82 Resp: 130635

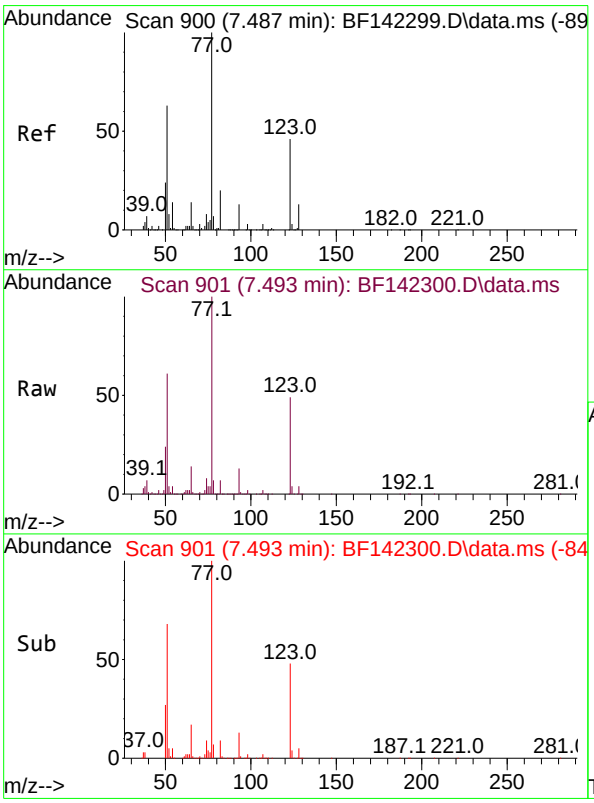
Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.0	55.6
54	60.9	48.6	73.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

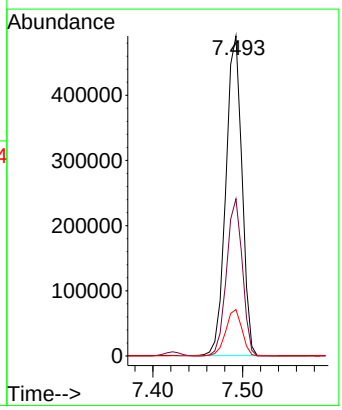


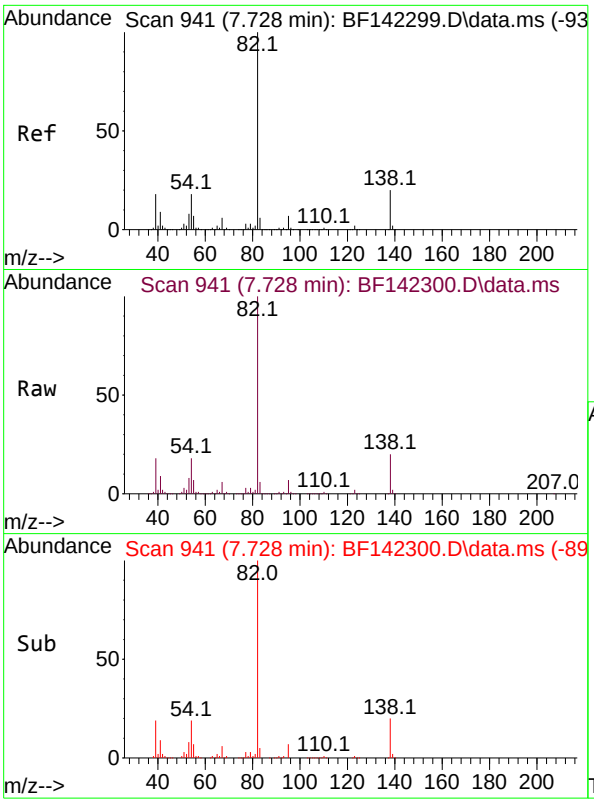


#24
Nitrobenzene
Concen: 54.450 ng
RT: 7.493 min Scan# 901
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

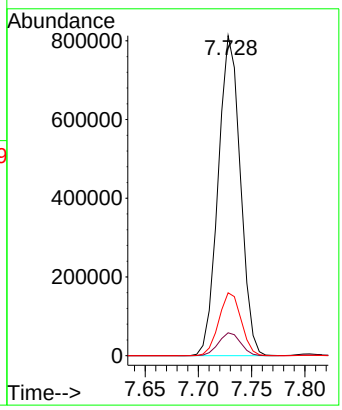
Tgt Ion: 82 Resp: 117563

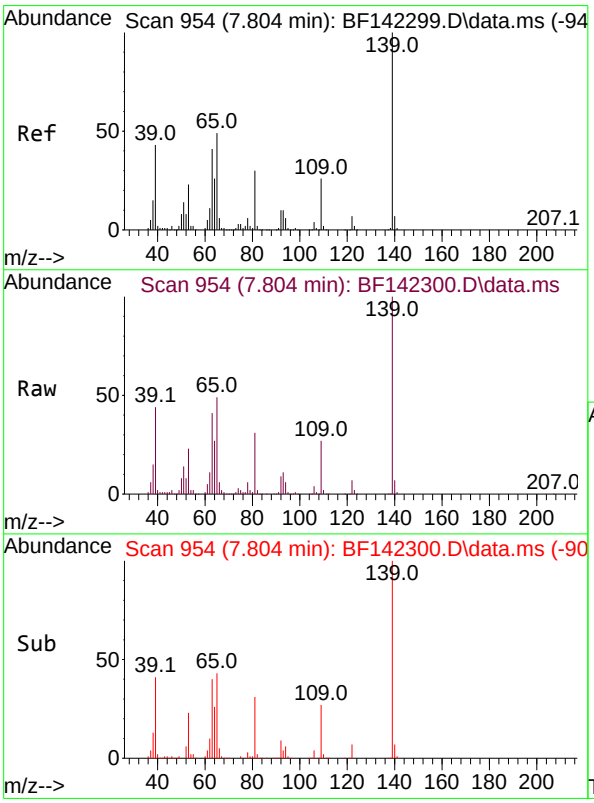
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	19.7	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

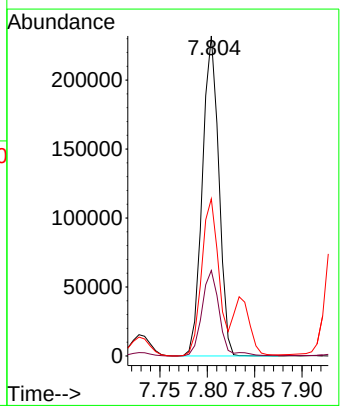


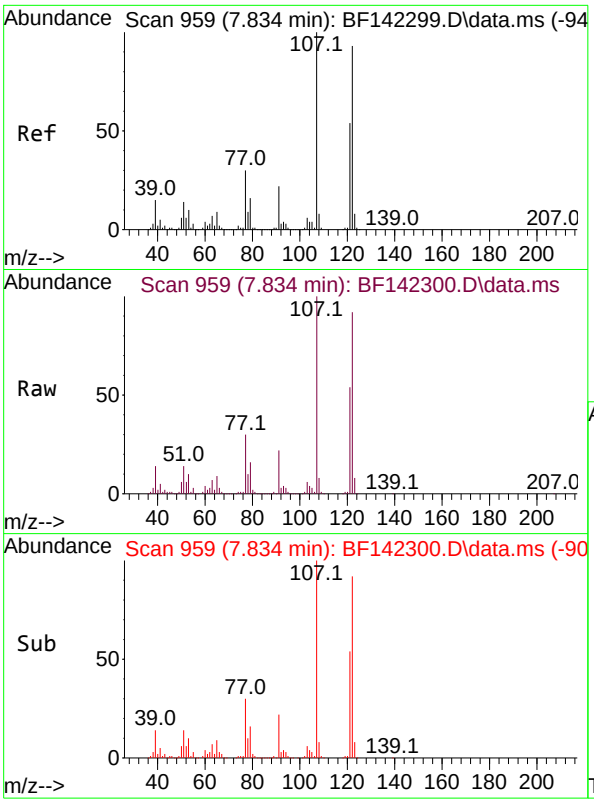


#26
2-Nitrophenol
Concen: 51.463 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

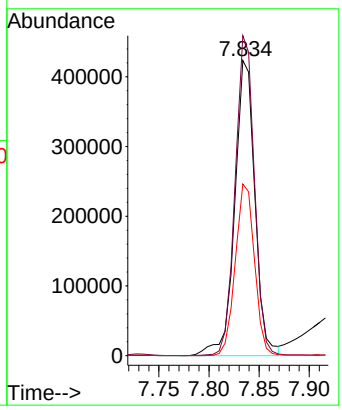




#27
2,4-Dimethylphenol
Concen: 52.647 ng
RT: 7.834 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:122 Resp: 59621

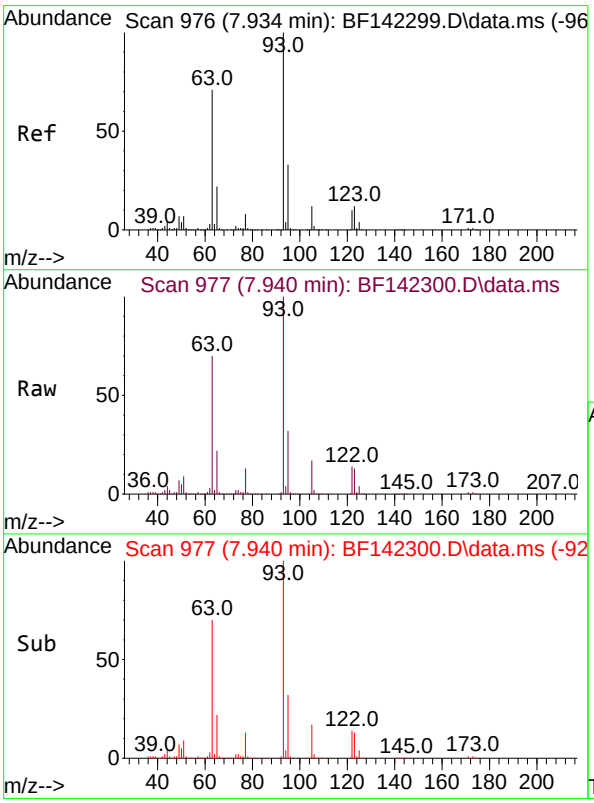
Ion	Ratio	Lower	Upper
122	100		
107	108.4	86.0	129.0
121	58.2	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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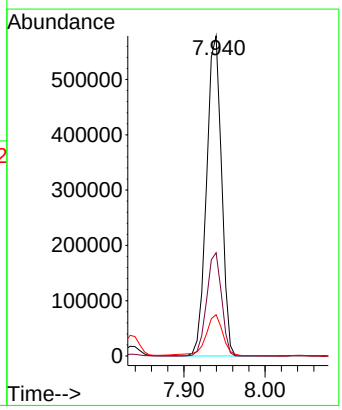
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

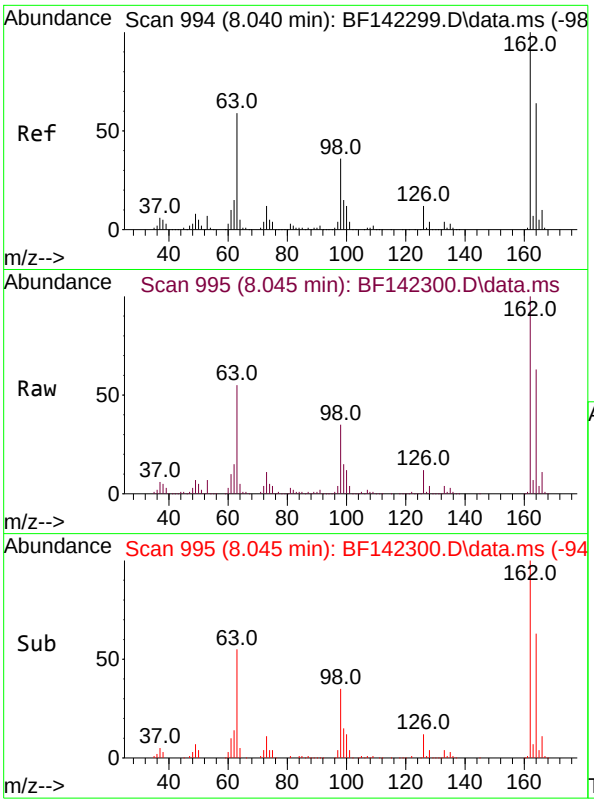


#28
bis(2-Chloroethoxy)methane
Concen: 51.070 ng
RT: 7.940 min Scan# 977
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

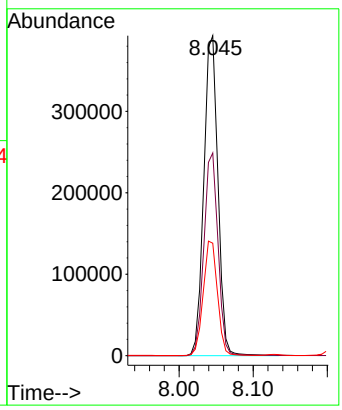




#29
2,4-Dichlorophenol
Concen: 54.183 ng
RT: 8.045 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:162 Resp: 52167

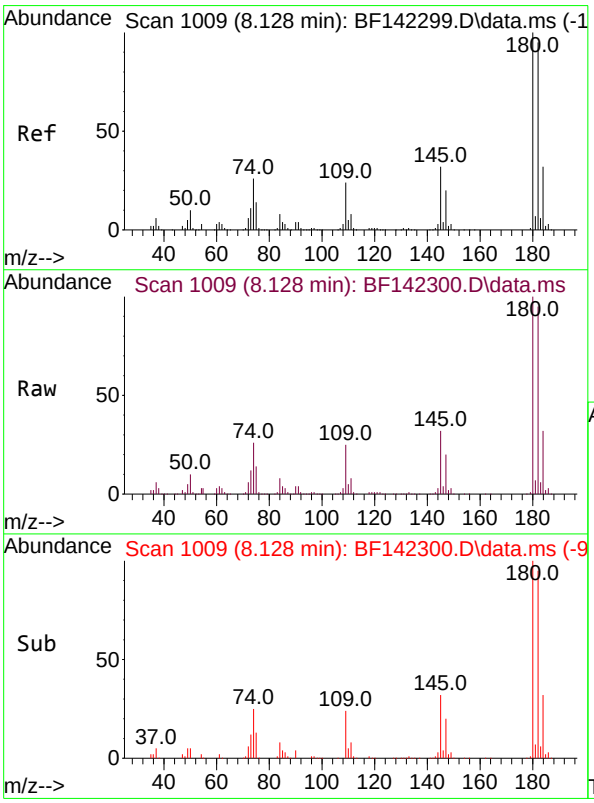
Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.6	83.6
98	35.1	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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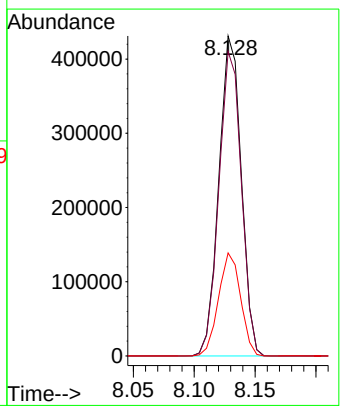
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

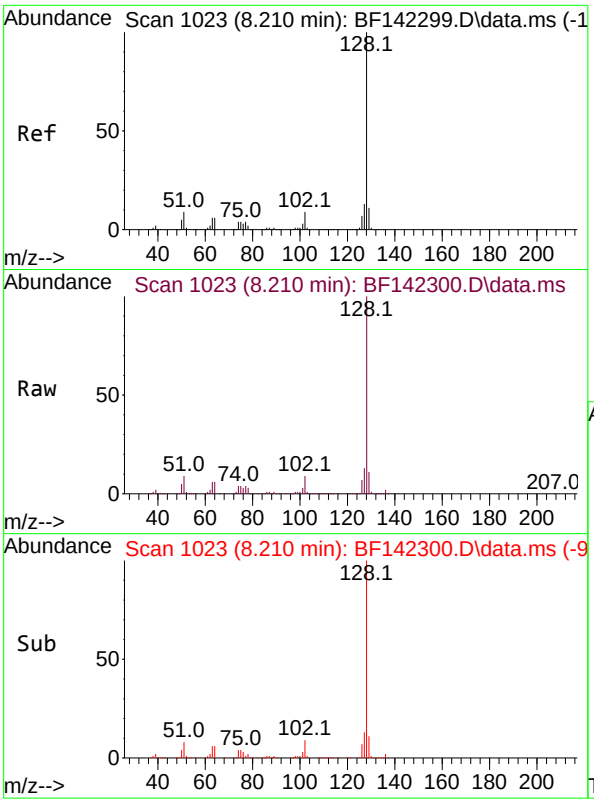


#30
1,2,4-Trichlorobenzene
Concen: 50.849 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

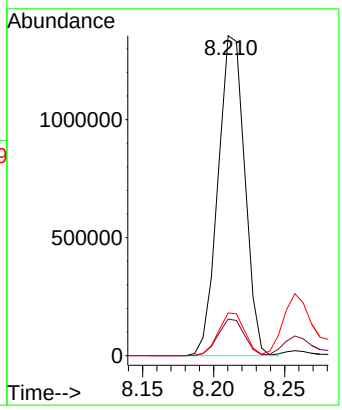




#31
Naphthalene
Concen: 50.454 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:128 Resp: 177388

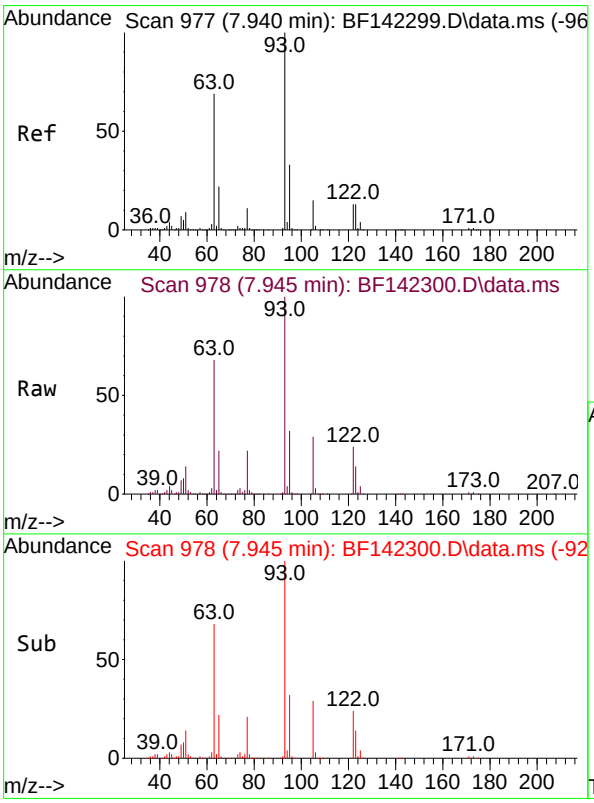
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.3	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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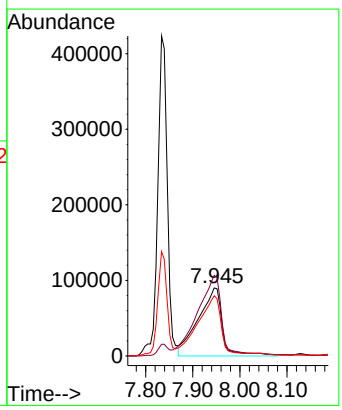
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

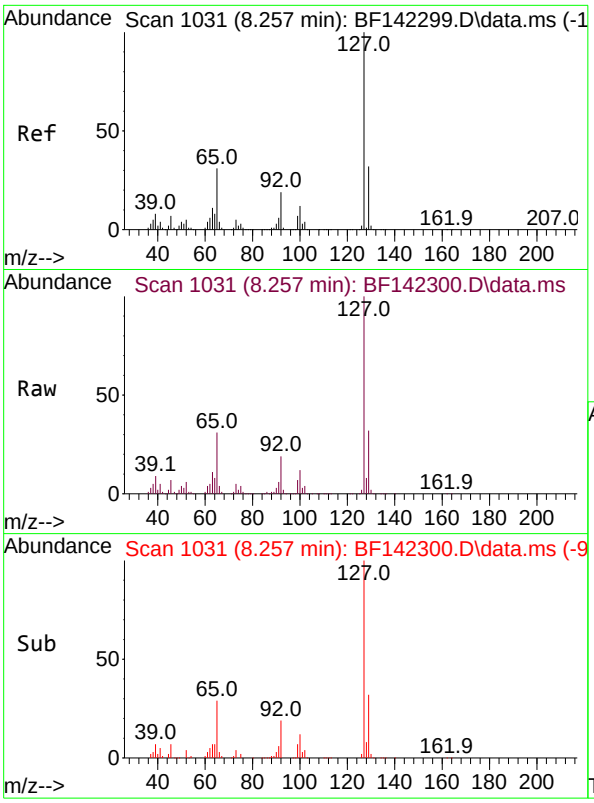


#32
Benzoic acid
Concen: 51.963 ng m
RT: 7.945 min Scan# 978
Delta R.T. 0.005 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

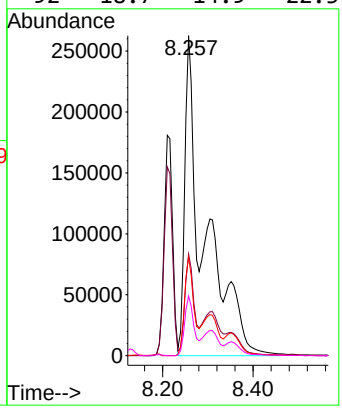




#33
4-Chloroaniline
Concen: 55.118 ng m
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:127 Resp: 78932

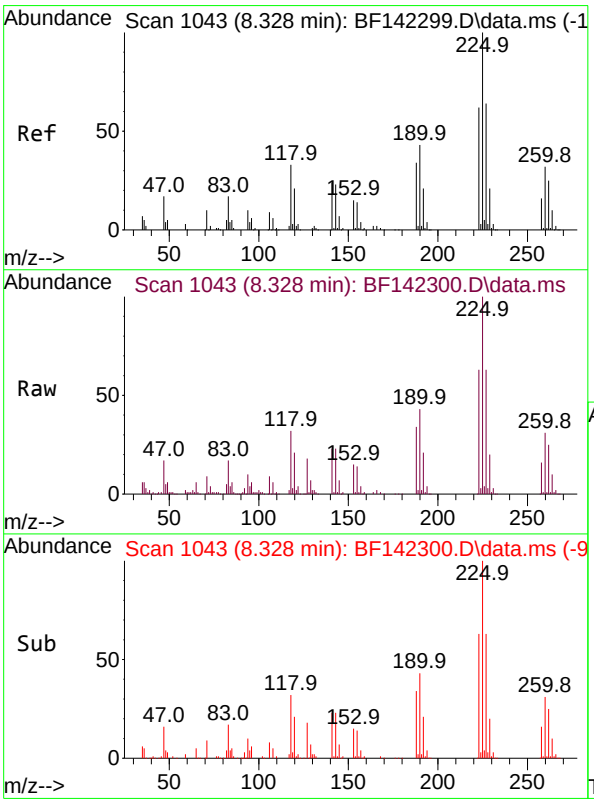
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	30.9	24.9	37.3
92	18.7	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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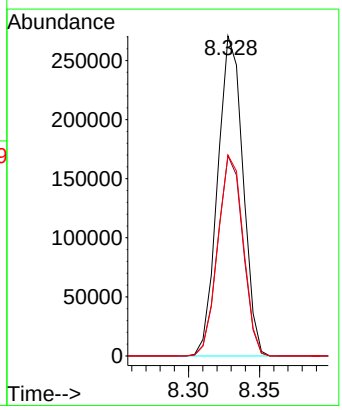
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

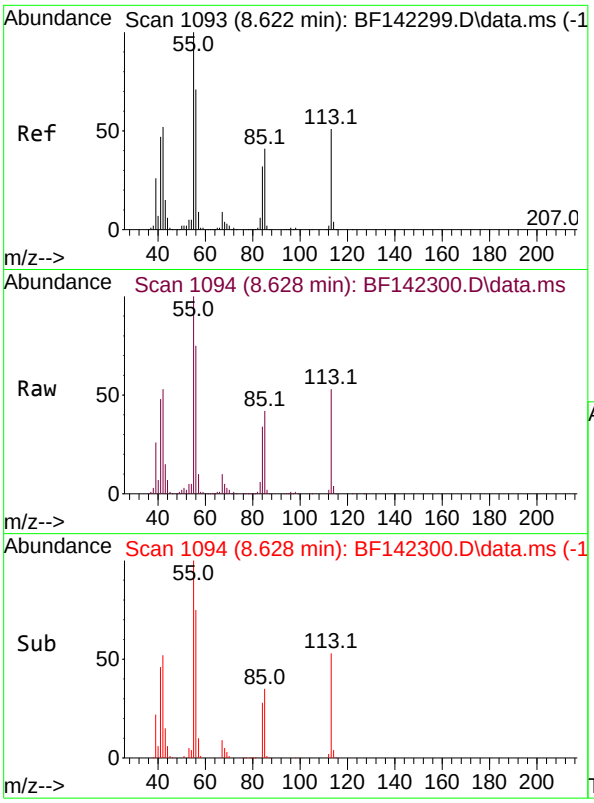


#34
Hexachlorobutadiene
Concen: 52.244 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

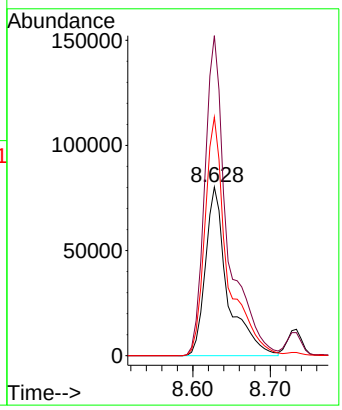
Tgt Ion:113 Resp: 16042

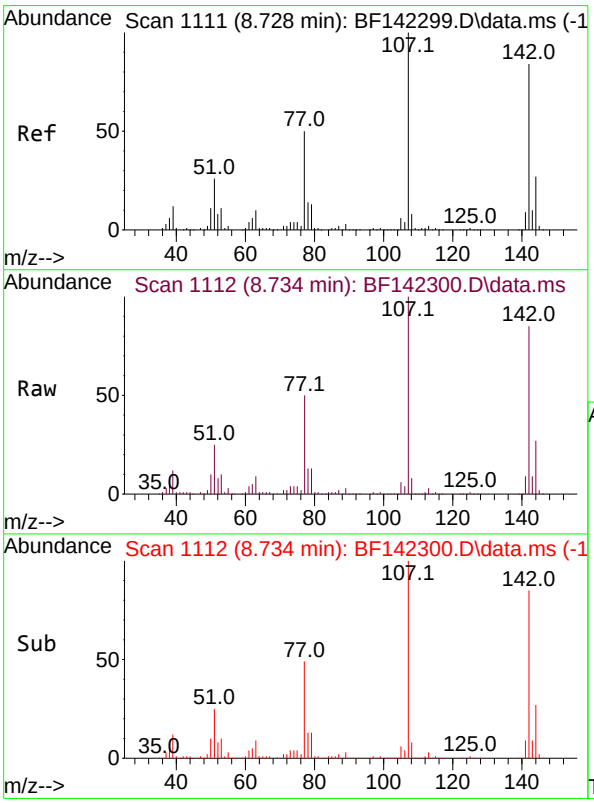
Ion	Ratio	Lower	Upper
113	100		
55	189.7	176.4	216.4
56	141.4	120.3	160.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

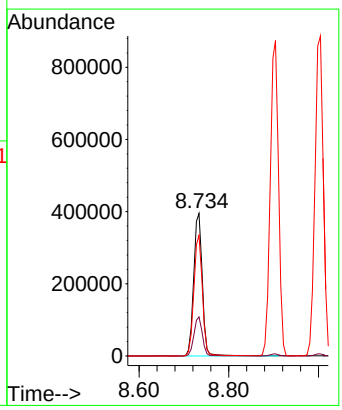


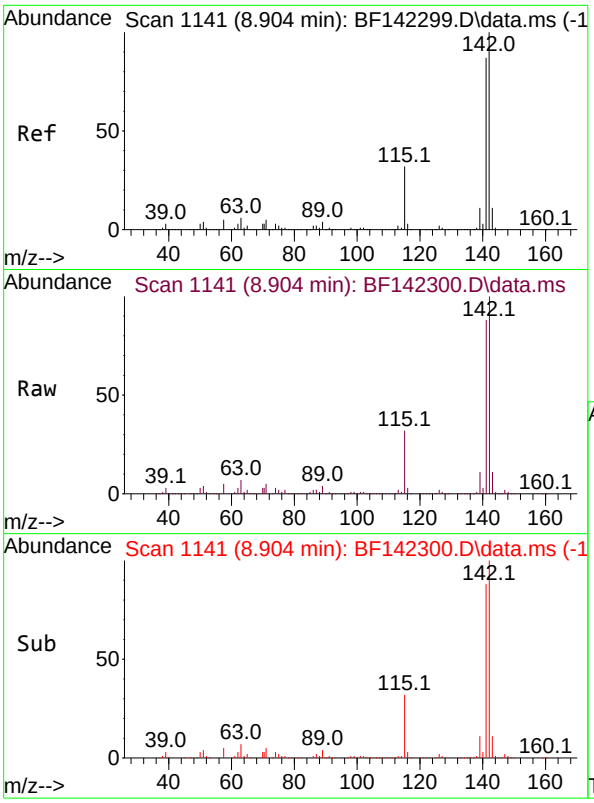


#36
4-Chloro-3-methylphenol
Concen: 52.584 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

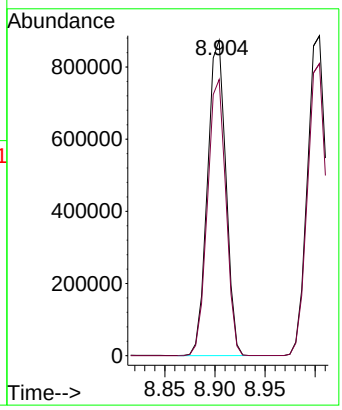
Tgt Ion:142 Resp: 111498

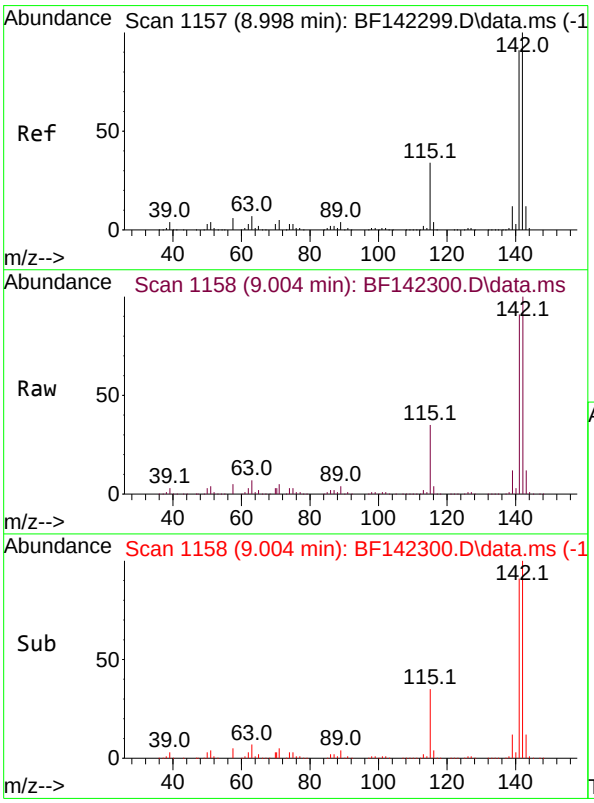
Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.4	104.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

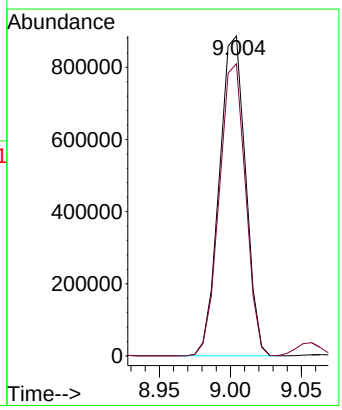


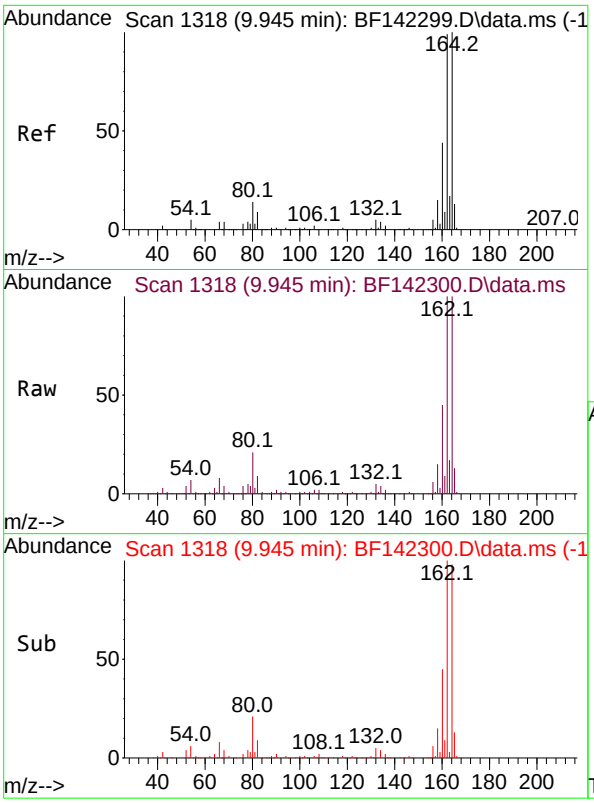


#38
1-Methylnaphthalene
Concen: 50.158 ng
RT: 9.004 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:142 Resp: 1142120

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.5	108.7

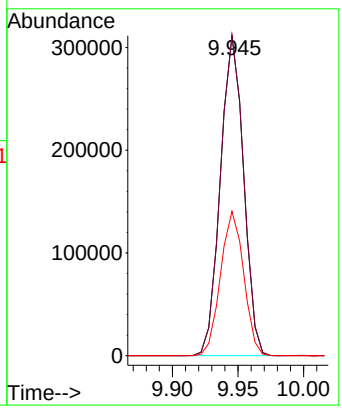




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:164 Resp: 38158

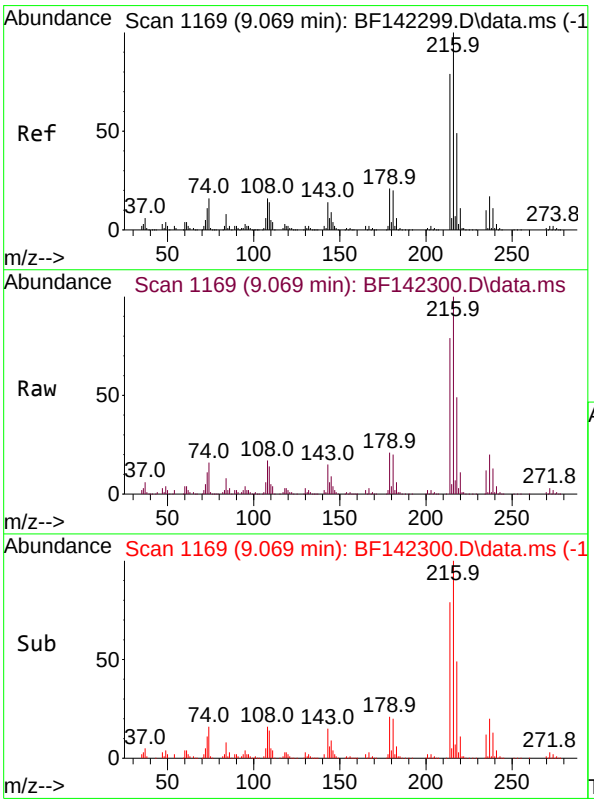
Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.2	118.8
160	45.1	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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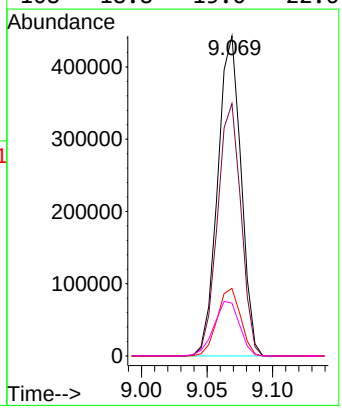
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

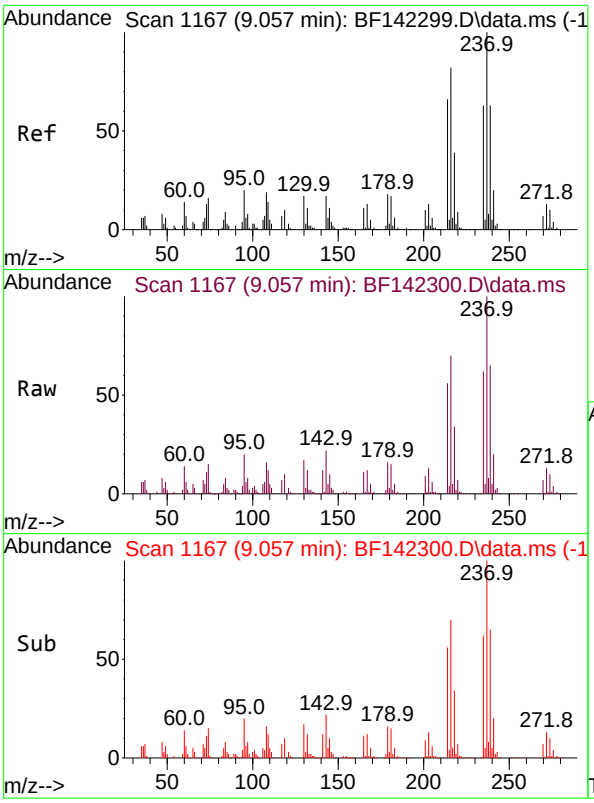


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.375 ng
RT: 9.069 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

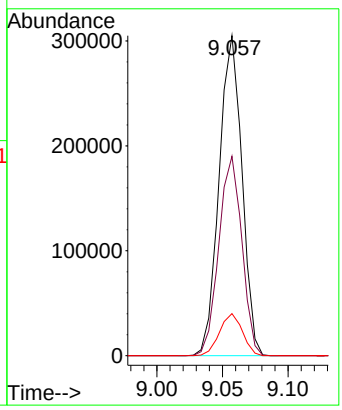
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

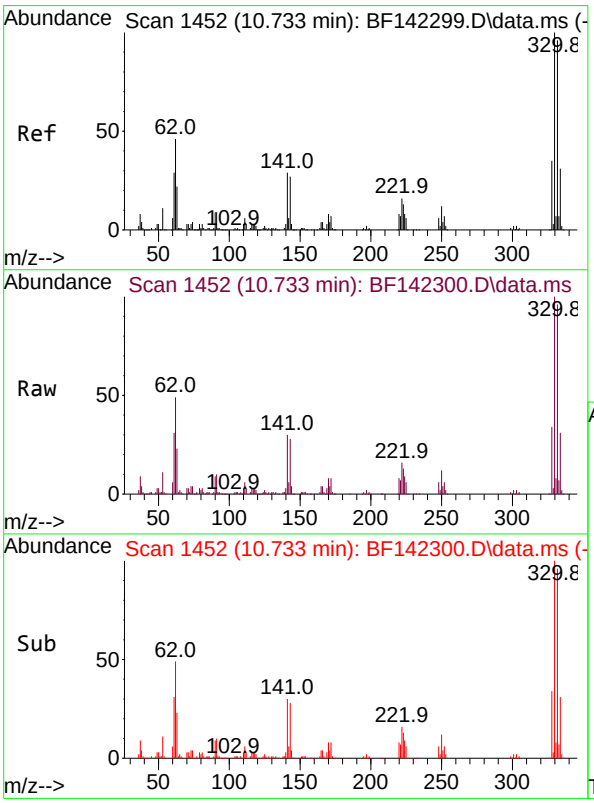
Tgt Ion:237 Resp: 36976

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

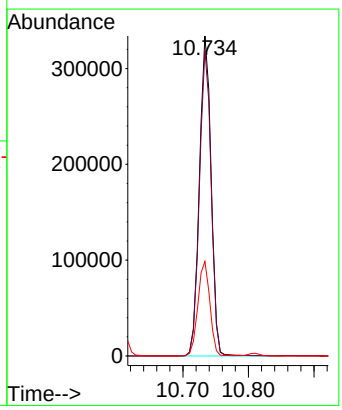


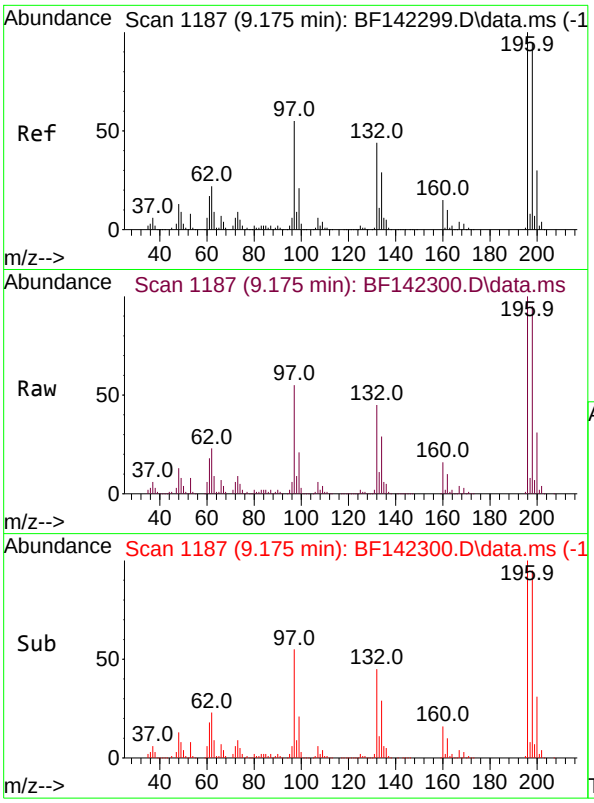


#42
2,4,6-Tribromophenol
Concen: 113.025 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

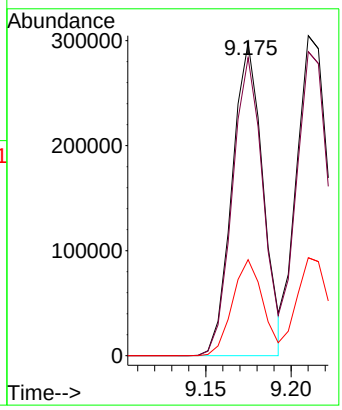




#43
2,4,6-Trichlorophenol
Concen: 55.803 ng
RT: 9.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:196 Resp: 37512

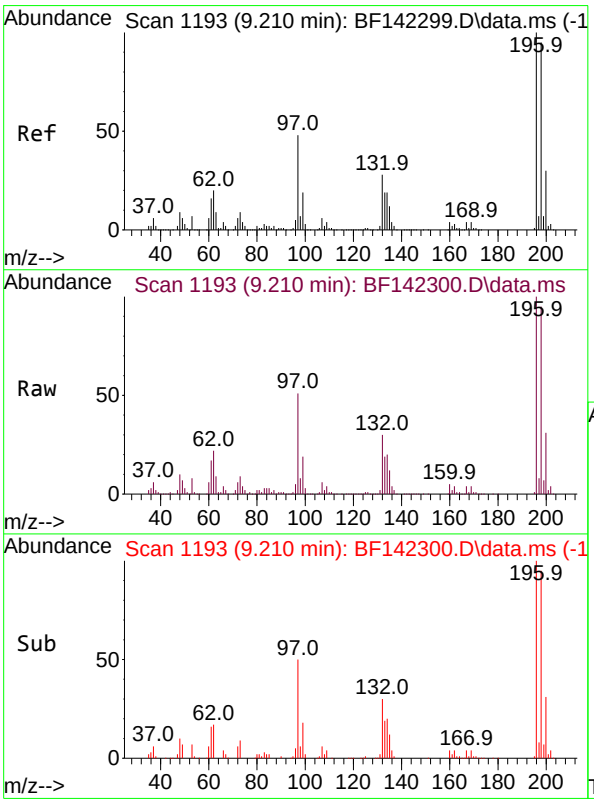
Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.4	113.0
200	30.7	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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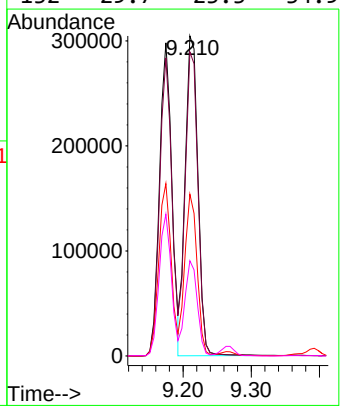
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

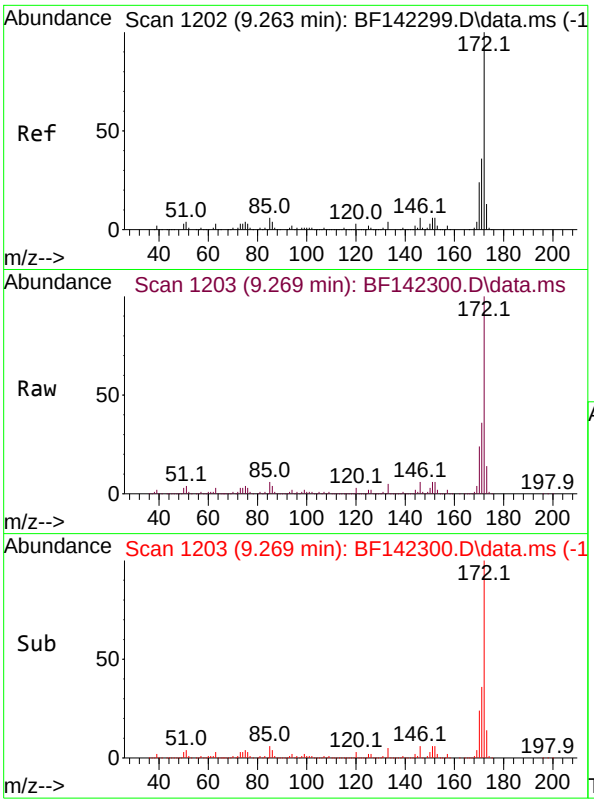


#44
2,4,5-Trichlorophenol
Concen: 55.134 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

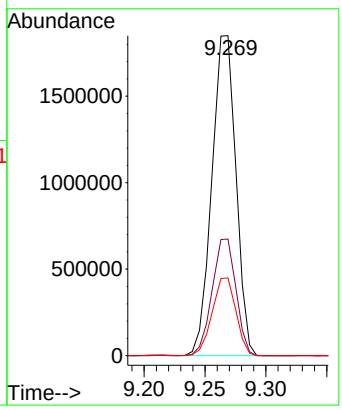




#45
2-Fluorobiphenyl
Concen: 95.292 ng
RT: 9.269 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:172 Resp: 255013

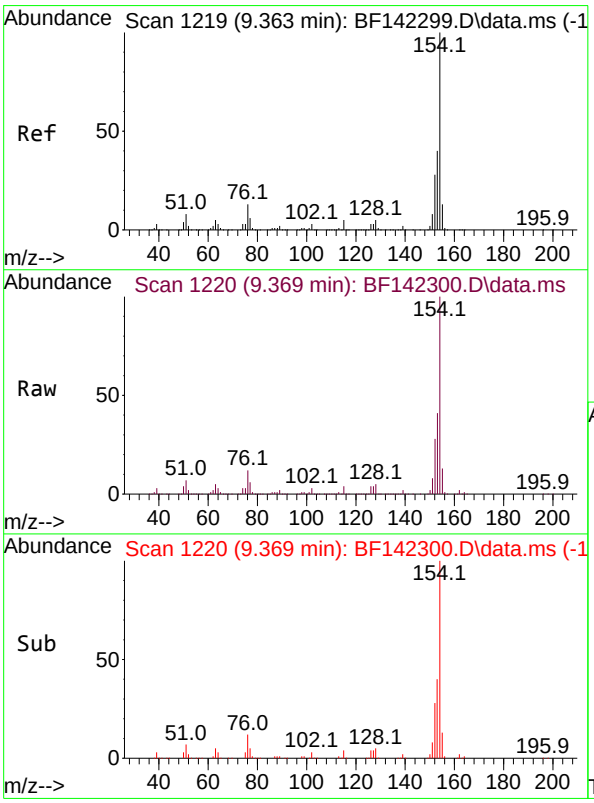
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	24.3	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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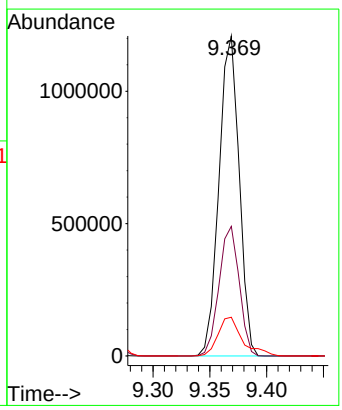
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

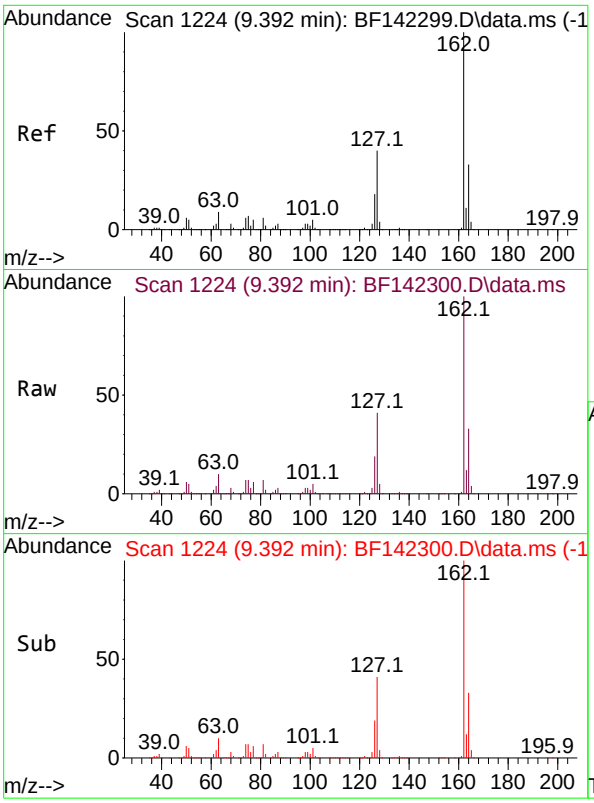


#46
1,1'-Biphenyl
Concen: 51.084 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

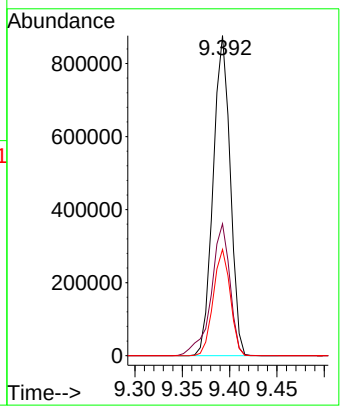
Tgt Ion:162 Resp: 110193

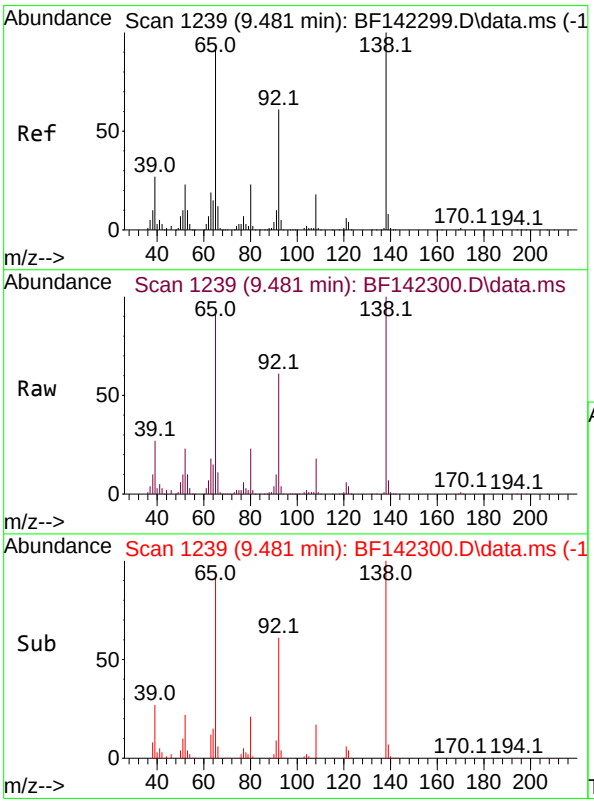
Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.3	48.5
164	33.2	26.6	40.0

Instrument :
BNA_F
ClientSampleId :
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Supervised By :Jagrut Upadhyay 05/06/2025

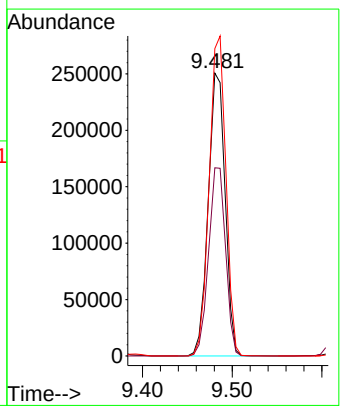


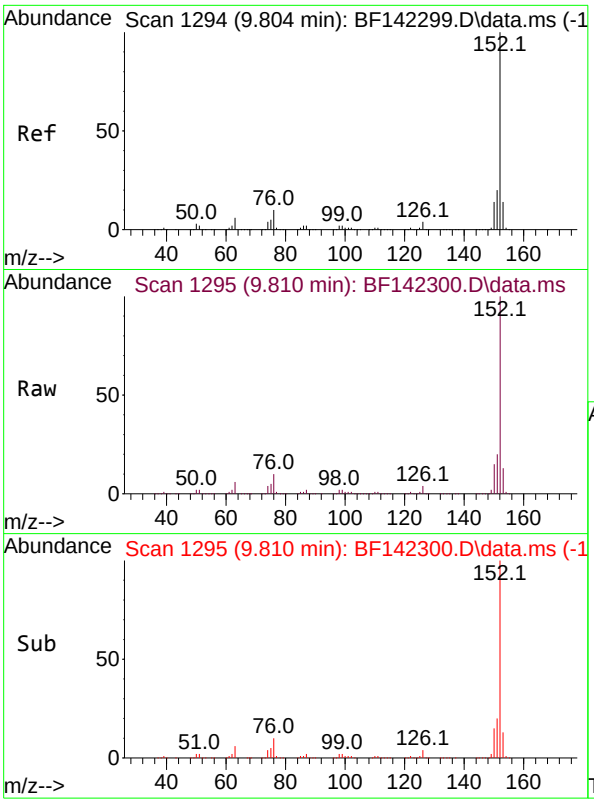


#48
2-Nitroaniline
Concen: 58.781 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

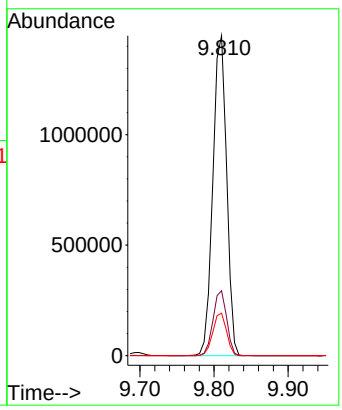




#49
Acenaphthylene
Concen: 51.328 ng
RT: 9.810 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:152 Resp: 186826

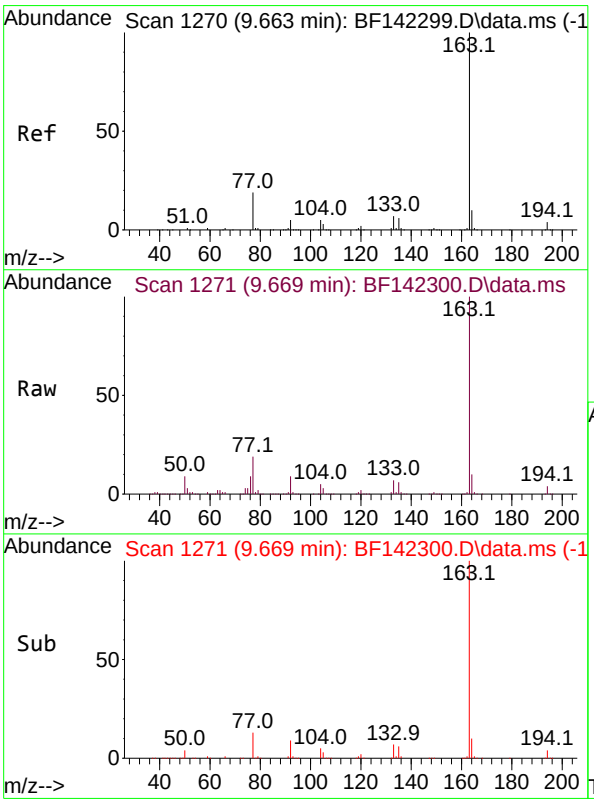
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	13.3	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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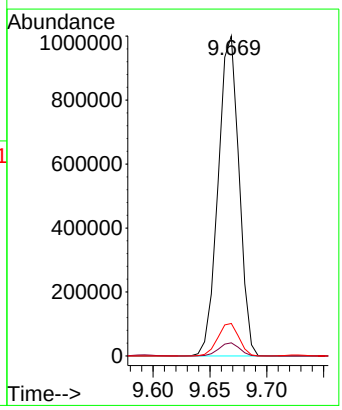
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

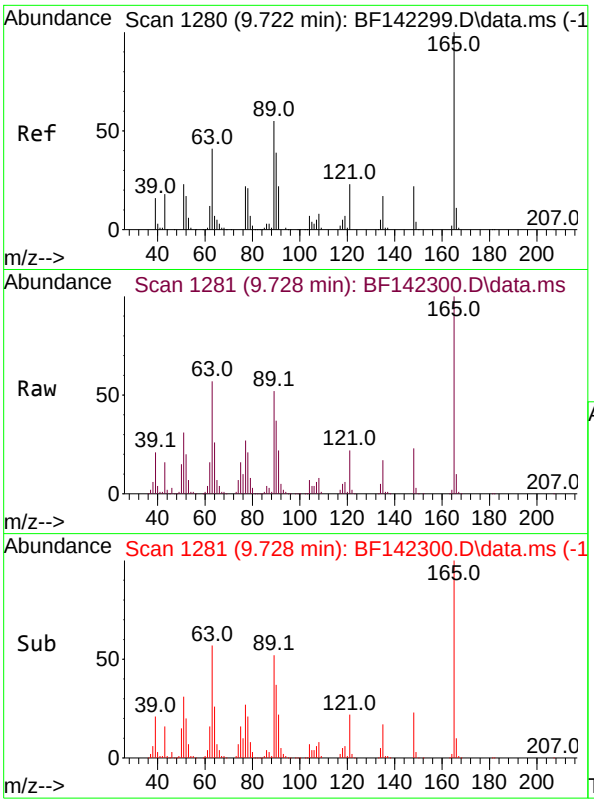


#50
Dimethylphthalate
Concen: 52.252 ng
RT: 9.669 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

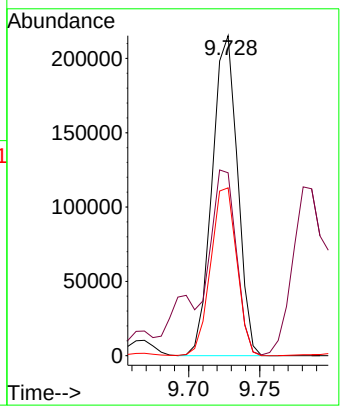
Tgt Ion:165 Resp: 26753

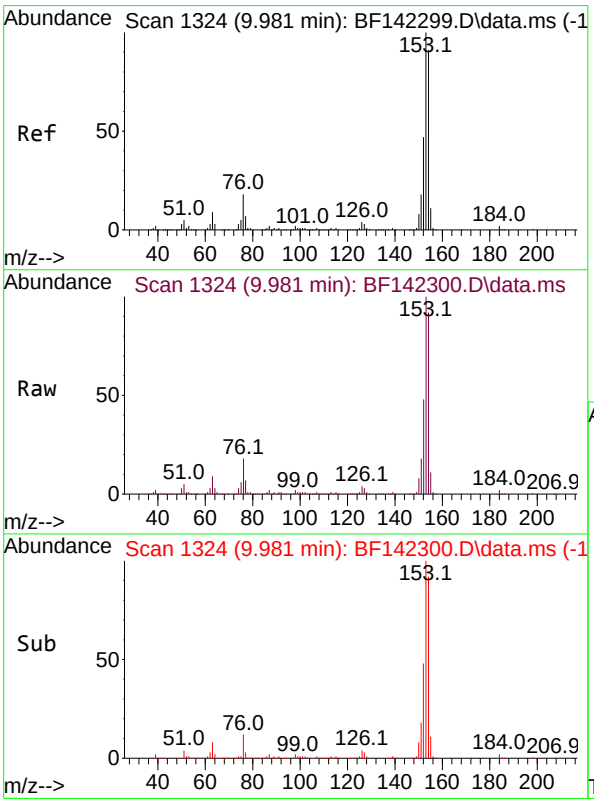
Ion	Ratio	Lower	Upper
165	100		
63	57.1	49.5	74.3
89	52.4	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

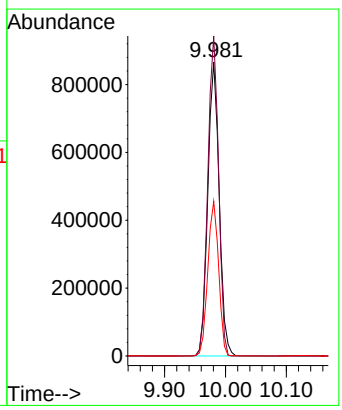


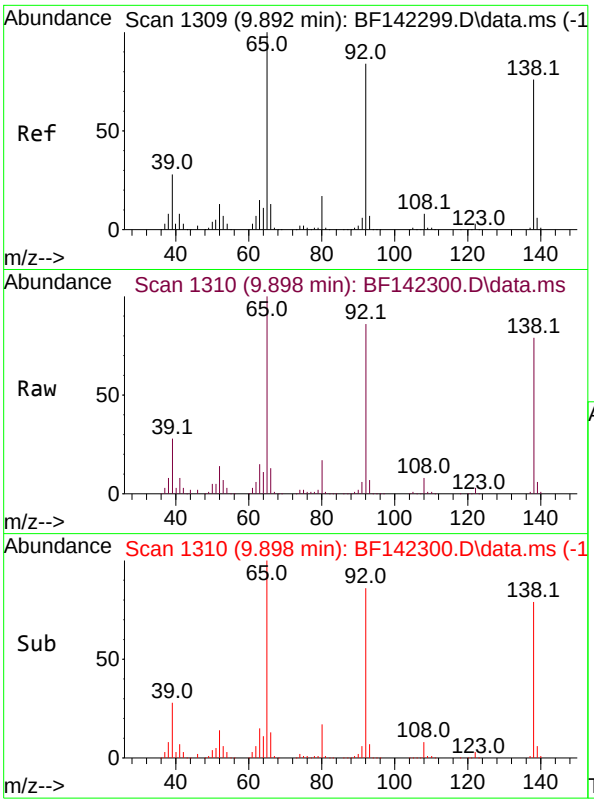


#52
Acenaphthene
Concen: 51.436 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

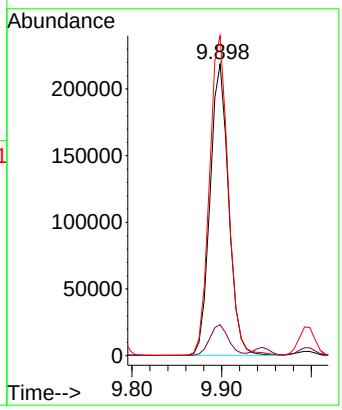
Tgt Ion:138 Resp: 31388

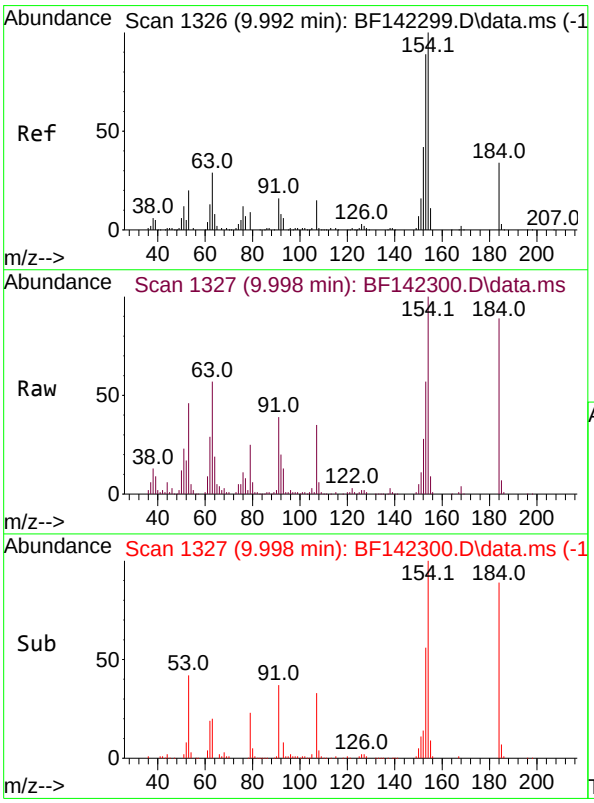
Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.7	13.1
92	109.7	89.5	134.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

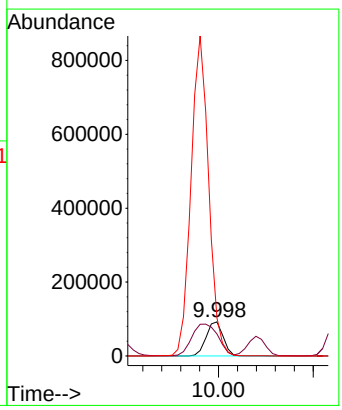


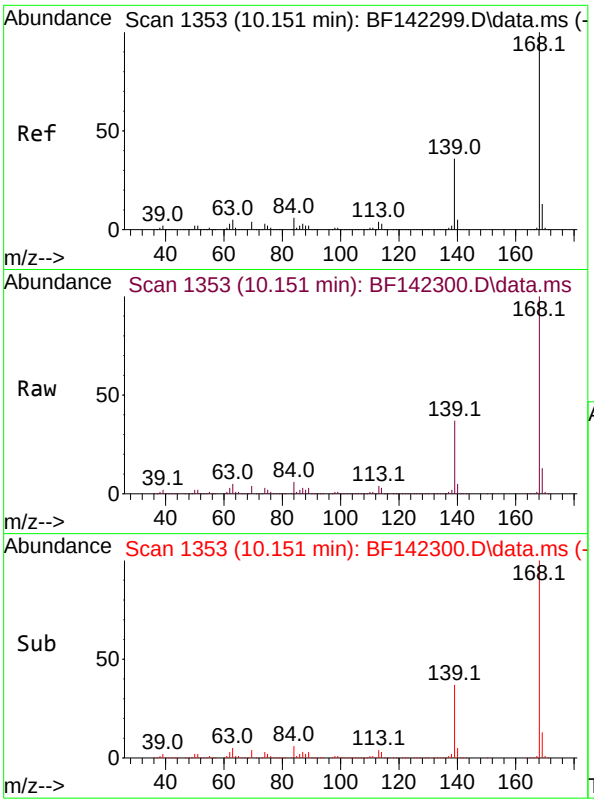


#54
2,4-Dinitrophenol
Concen: 50.908 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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#

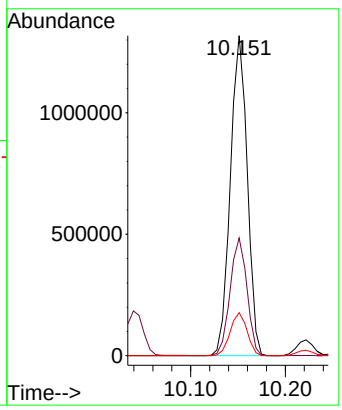




#55
Dibenzofuran
Concen: 50.542 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:168 Resp: 163249

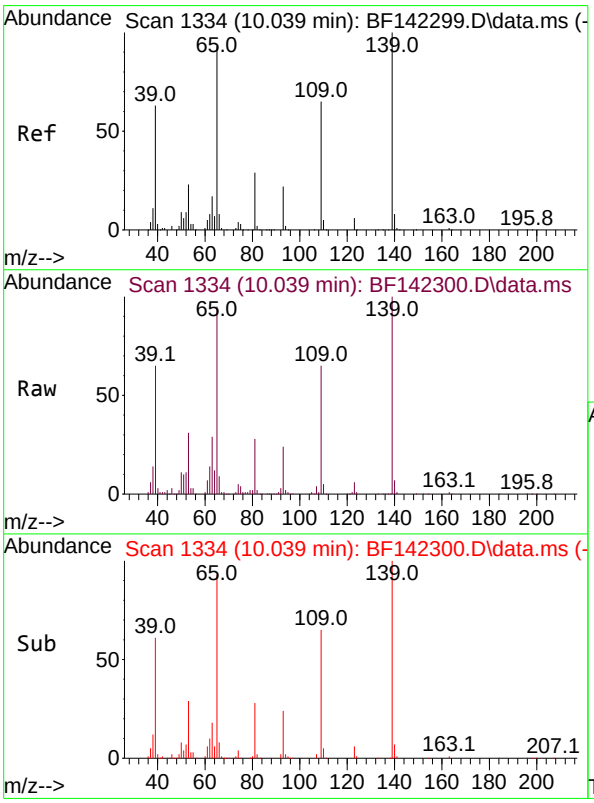
Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.0	43.4
169	13.5	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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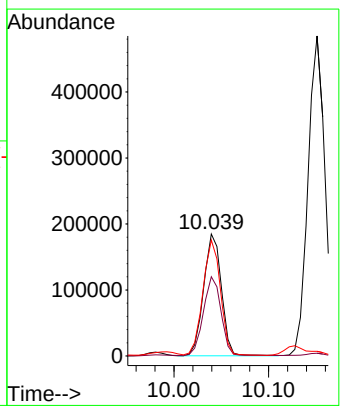
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

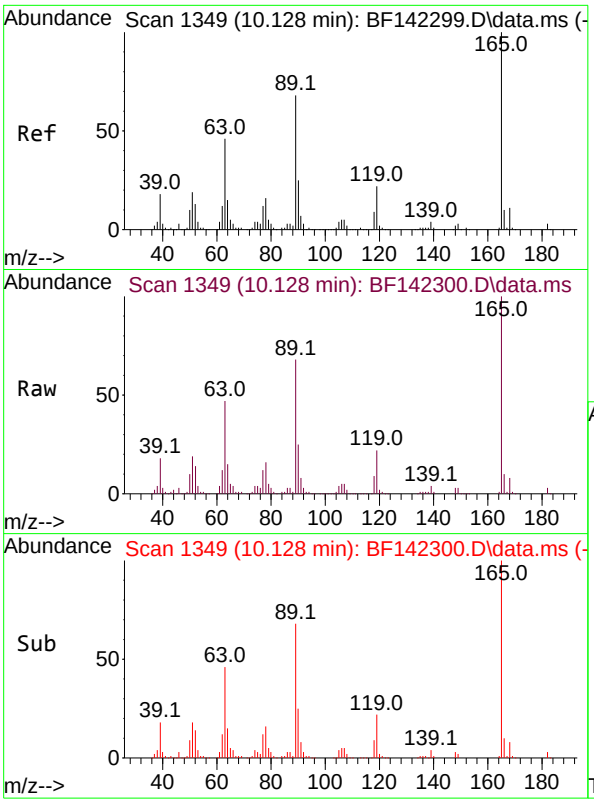


#56
4-Nitrophenol
Concen: 59.524 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

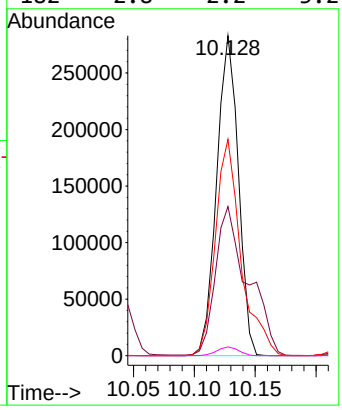




#57
2,4-Dinitrotoluene
Concen: 59.620 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:165 Resp: 35074

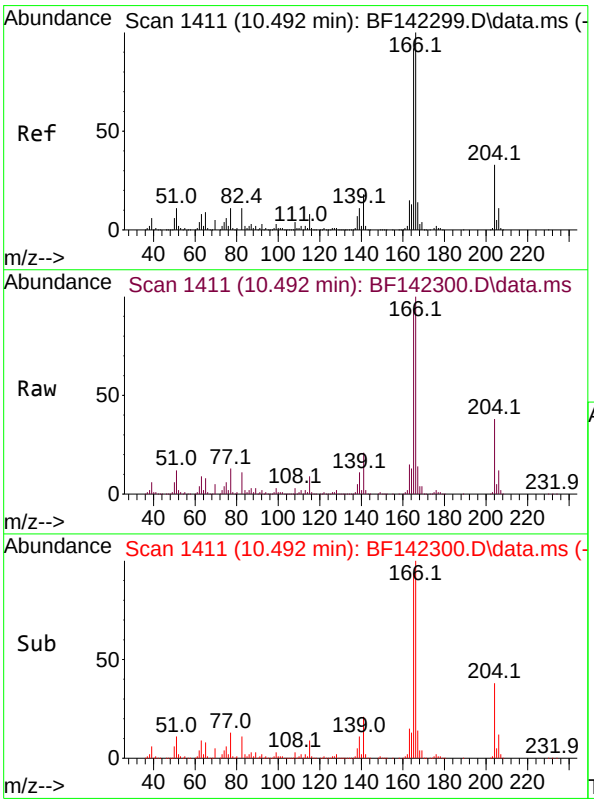
Ion	Ratio	Lower	Upper
165	100		
63	46.6	37.1	55.7
89	67.6	54.4	81.6
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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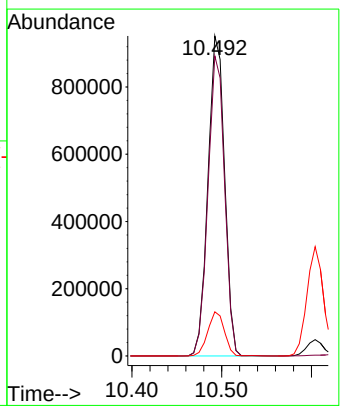
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

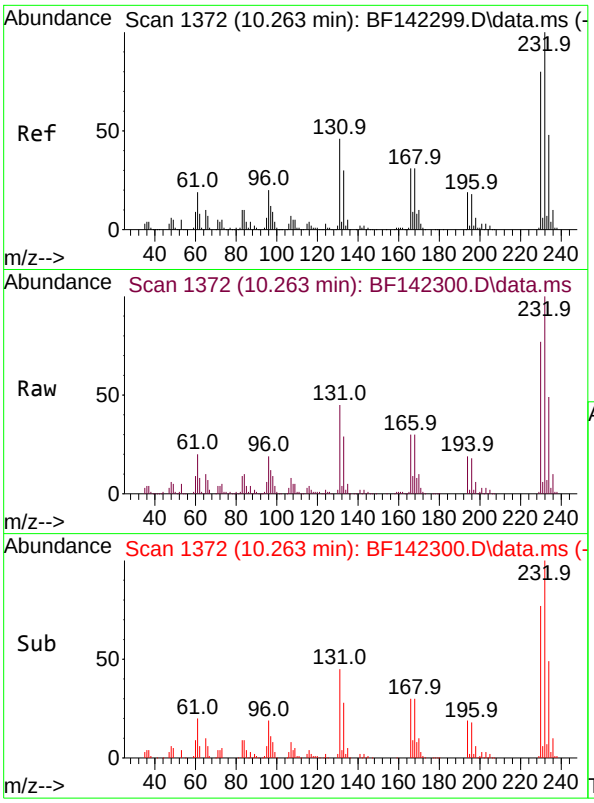


#58
Fluorene
Concen: 49.671 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

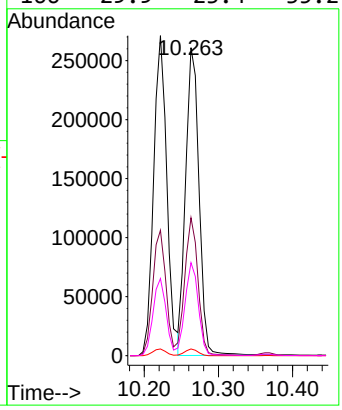




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.542 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:232 Resp: 32794

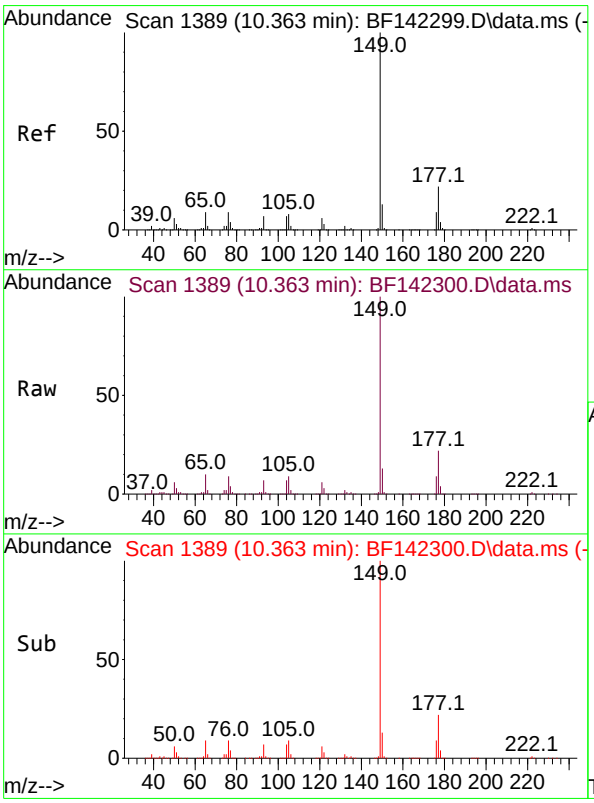
Ion	Ratio	Lower	Upper
232	100		
131	44.3	36.0	54.0
130	2.2	1.8	2.6
166	29.9	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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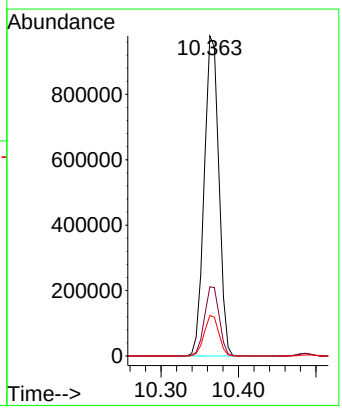
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

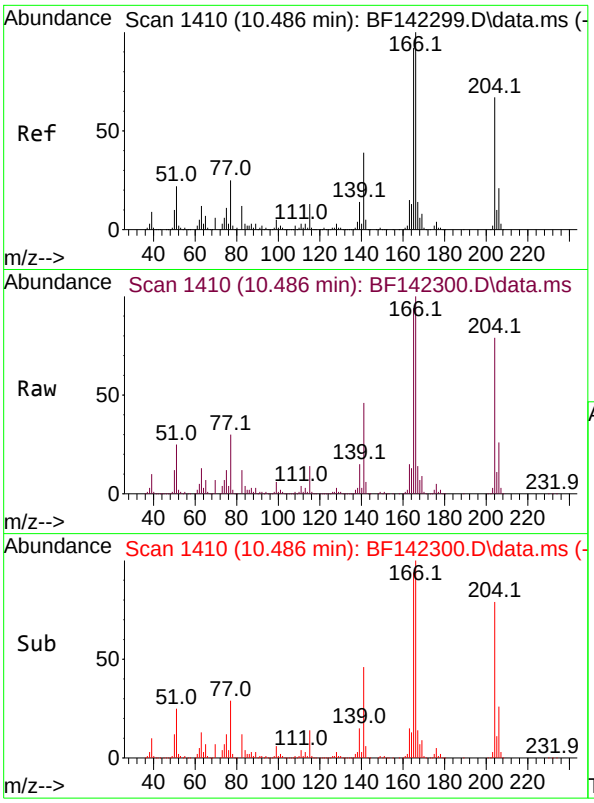


#60
Diethylphthalate
Concen: 52.397 ng
RT: 10.363 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

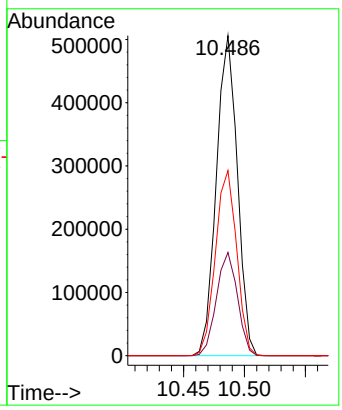
Tgt Ion:204 Resp: 60850

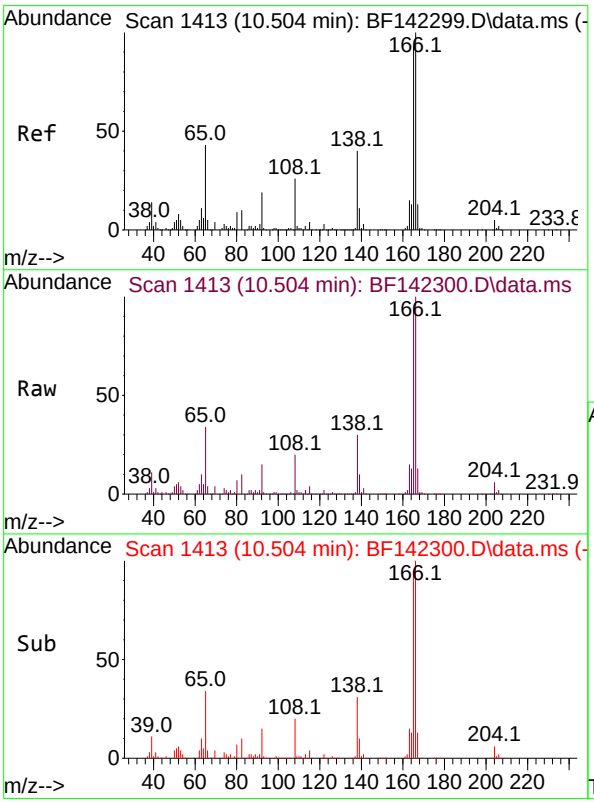
Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.5	38.3
141	57.8	46.4	69.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

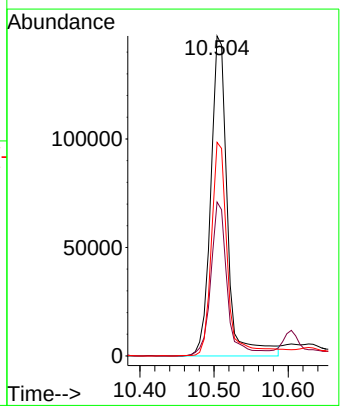


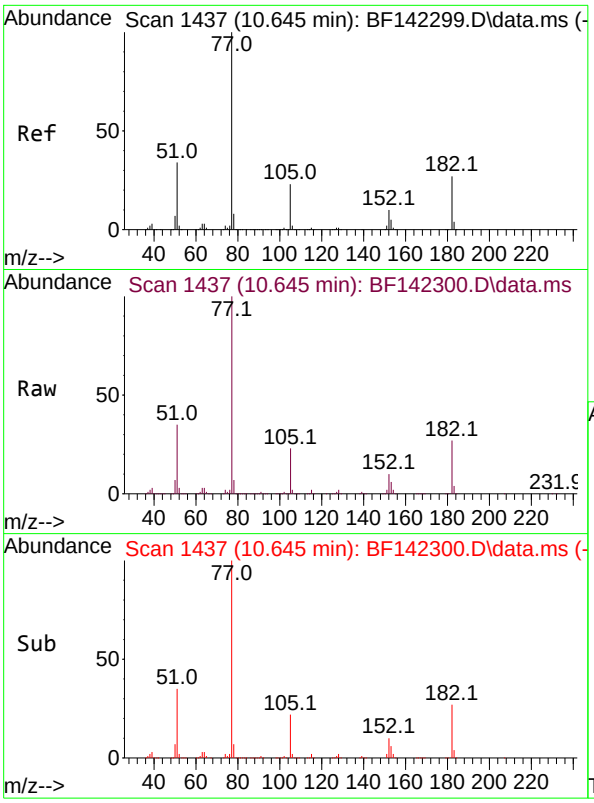


#62
4-Nitroaniline
Concen: 53.785 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

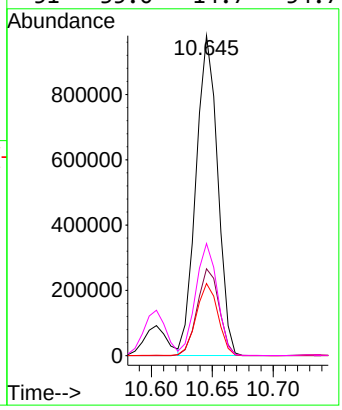




#63
Azobenzene
Concen: 51.833 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 77 Resp: 121197

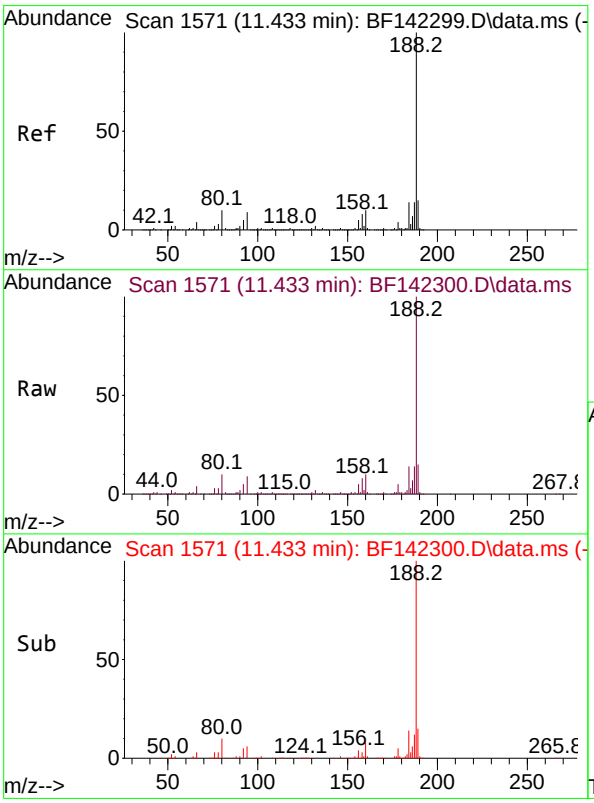
Ion	Ratio	Lower	Upper
77	100		
182	27.1	6.9	46.9
105	22.5	2.7	42.7
51	35.0	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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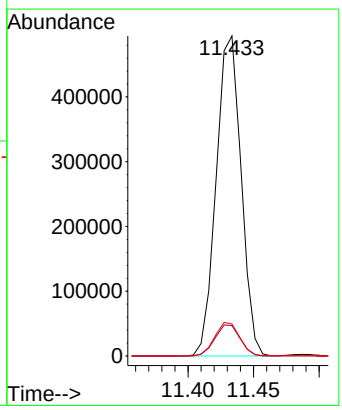
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

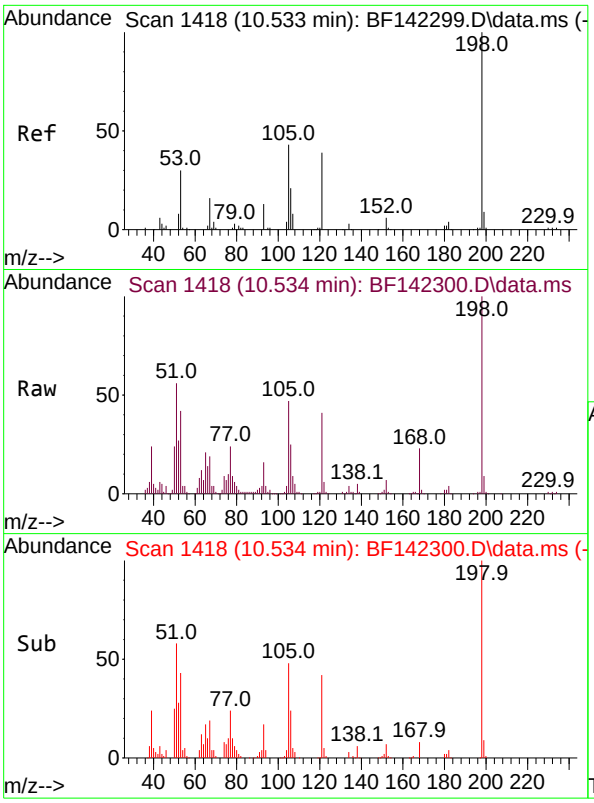


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

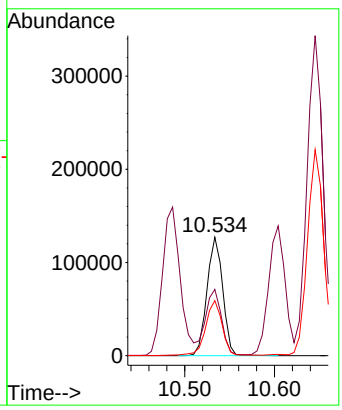




#65
4,6-Dinitro-2-methylphenol
Concen: 50.269 ng
RT: 10.534 min Scan# 14
Delta R.T. 0.001 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:198 Resp: 15430

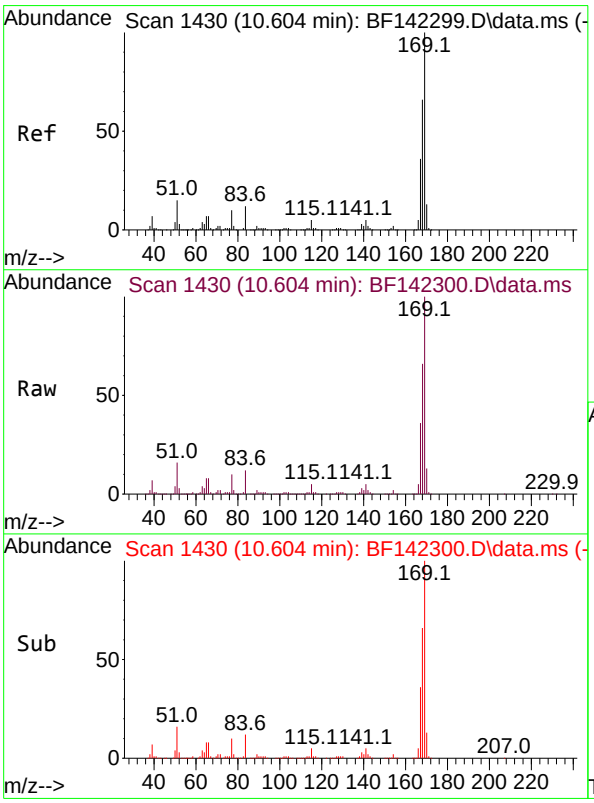
Ion	Ratio	Lower	Upper
198	100		
51	56.0	32.9	72.9
105	46.5	23.7	63.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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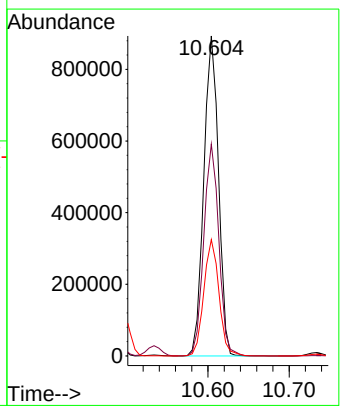
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

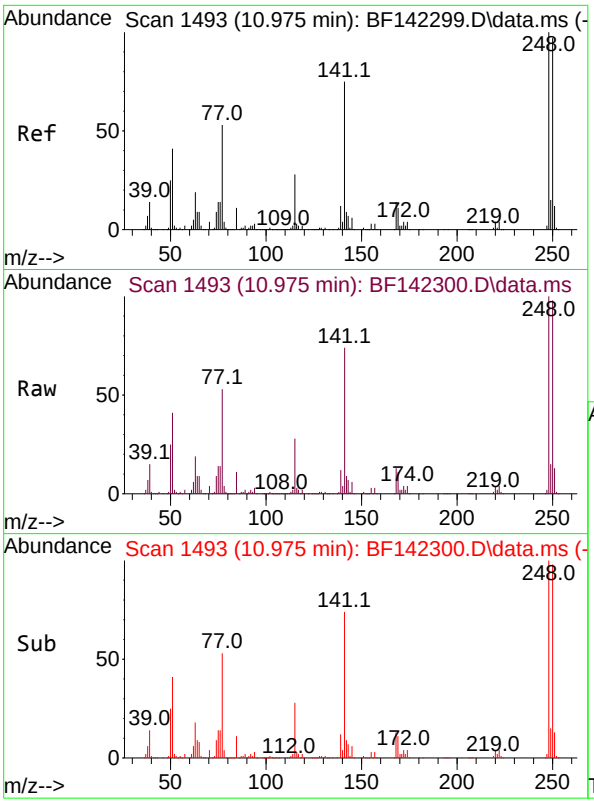


#66
n-Nitrosodiphenylamine
Concen: 51.544 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

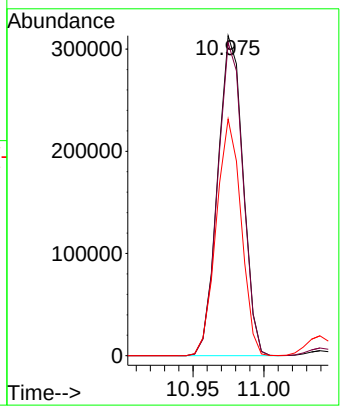




#67
4-Bromophenyl-phenylether
Concen: 52.469 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:248 Resp: 38849

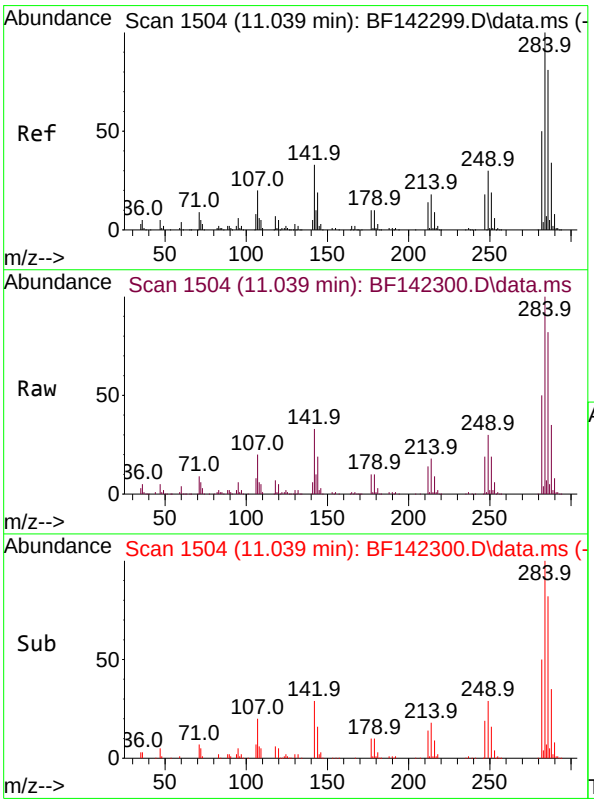
Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.9	116.9
141	73.9	59.8	89.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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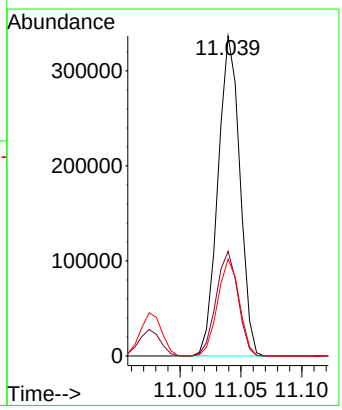
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

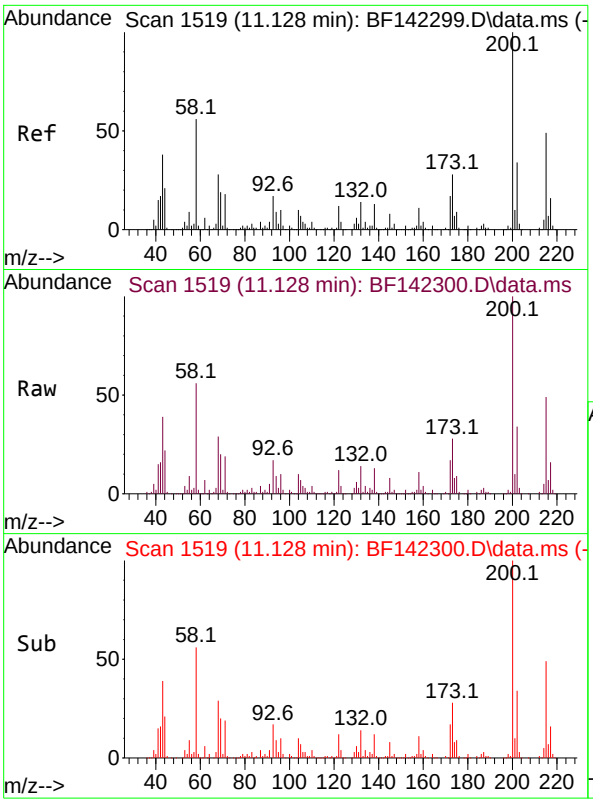


#68
Hexachlorobenzene
Concen: 51.661 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

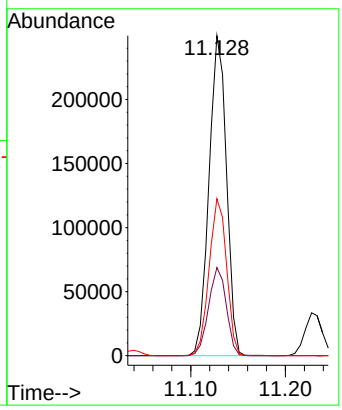
Tgt Ion:200 Resp: 31950

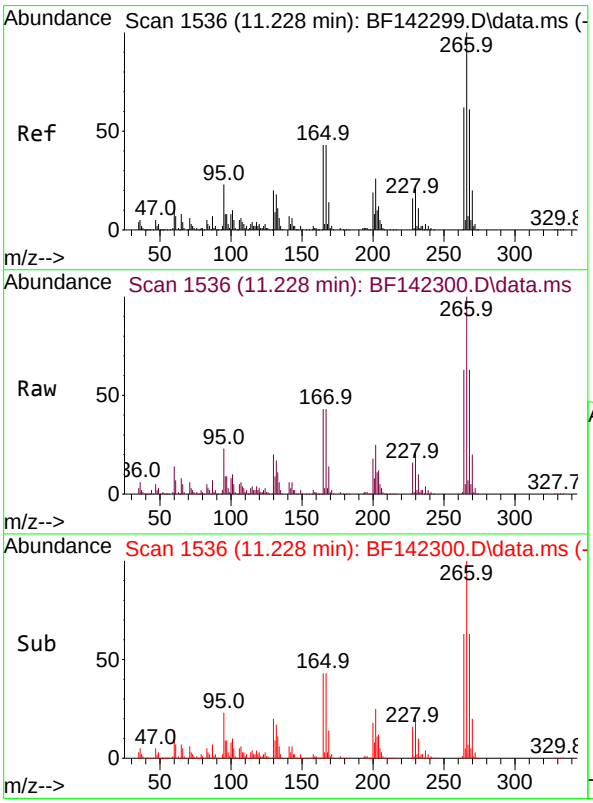
Ion	Ratio	Lower	Upper
200	100		
173	27.5	8.1	48.1
215	49.0	28.8	68.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

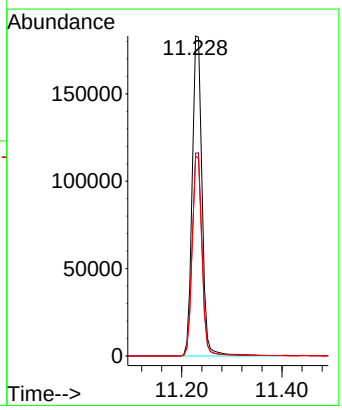


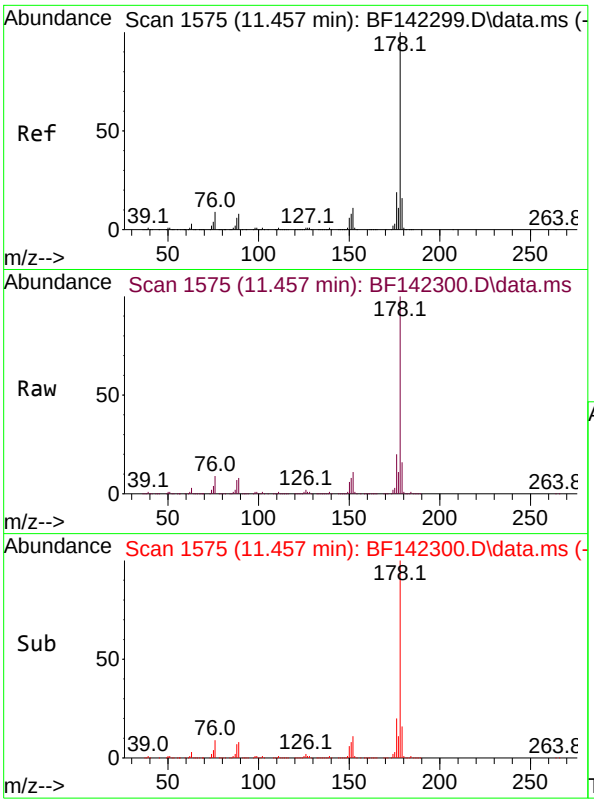


#70
Pentachlorophenol
Concen: 58.166 ng
RT: 11.228 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

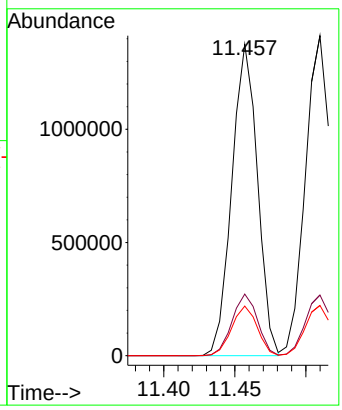




#71
Phenanthrene
Concen: 50.453 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:178 Resp: 172779

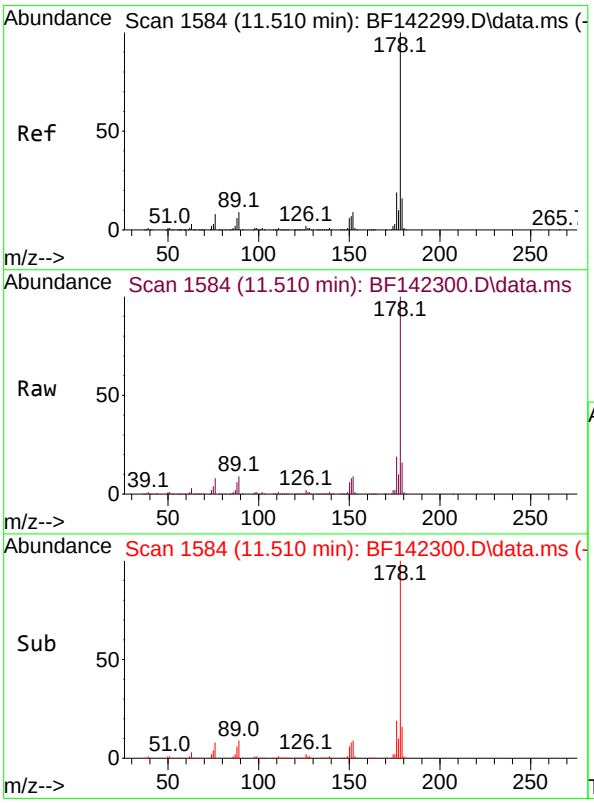
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.9	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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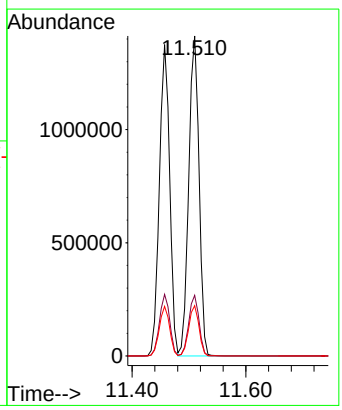
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

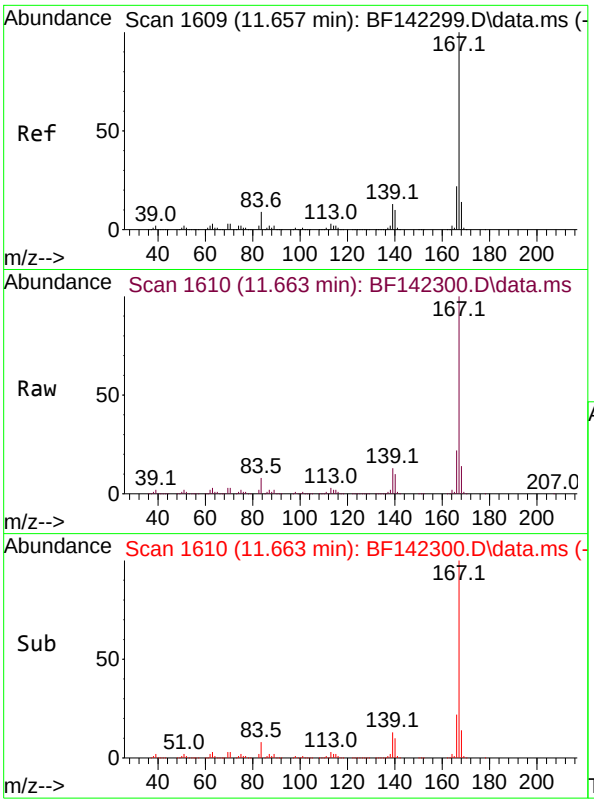


#72
Anthracene
Concen: 50.712 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

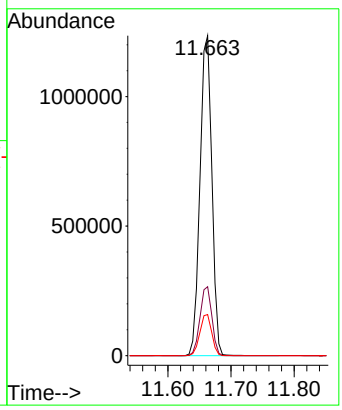
Tgt Ion:167 Resp: 161061

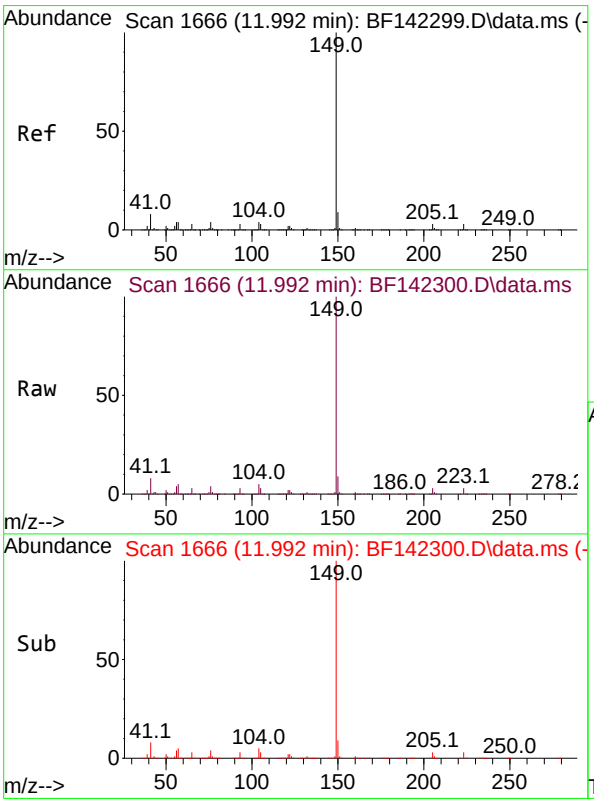
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.9	10.3	15.5

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

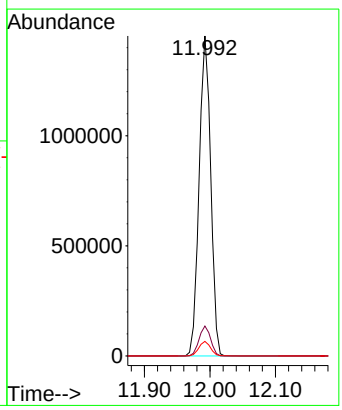


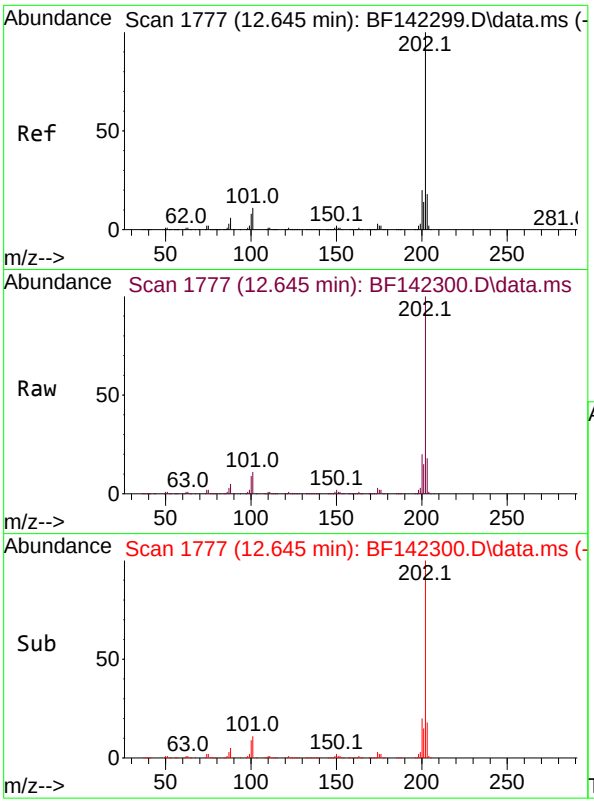


#74
Di-n-butylphthalate
Concen: 53.803 ng
RT: 11.992 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

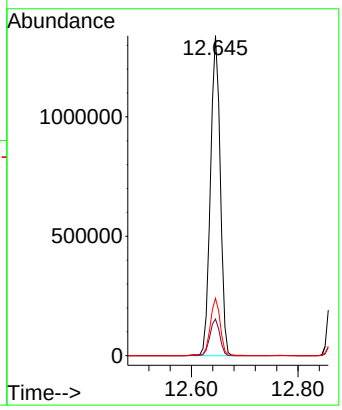
Tgt Ion:202 Resp: 171706

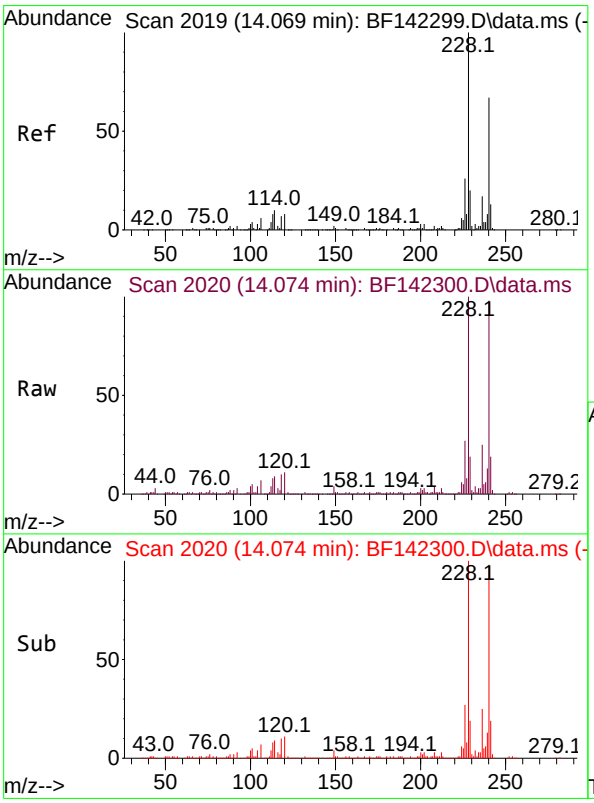
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.4
203	17.9	0.0	37.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

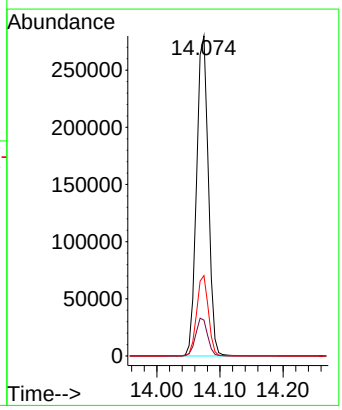


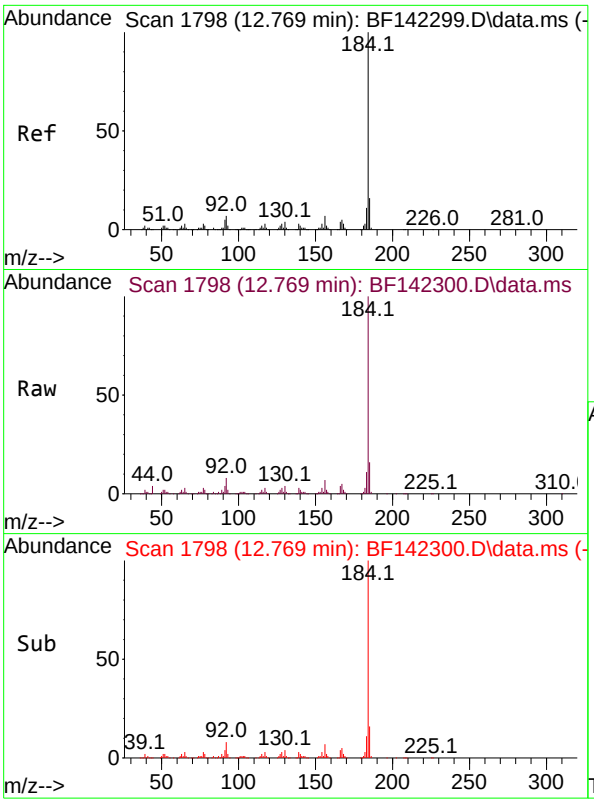


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

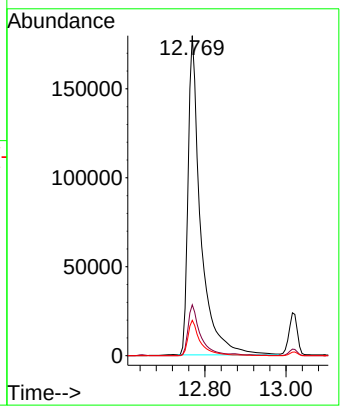




#77
Benzidine
Concen: 58.643 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:184 Resp: 38528

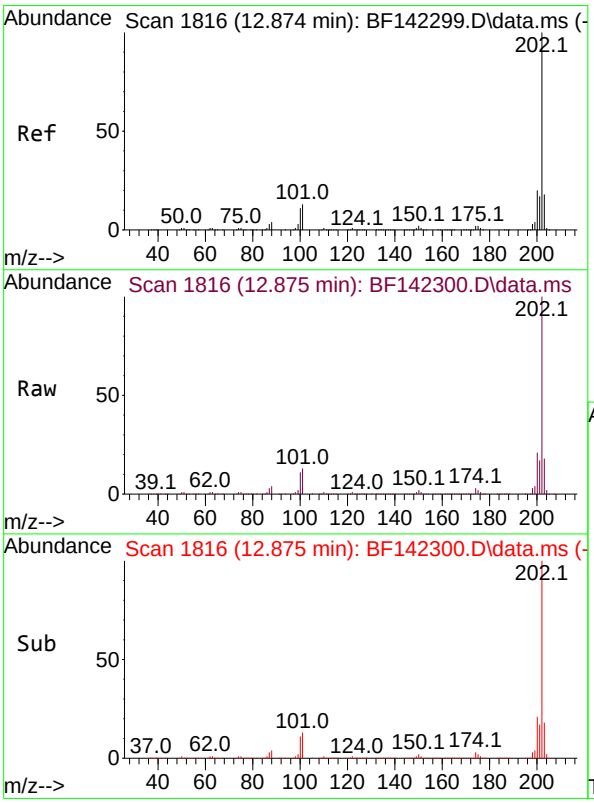
Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	11.1	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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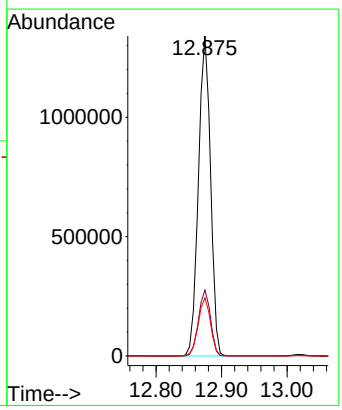
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

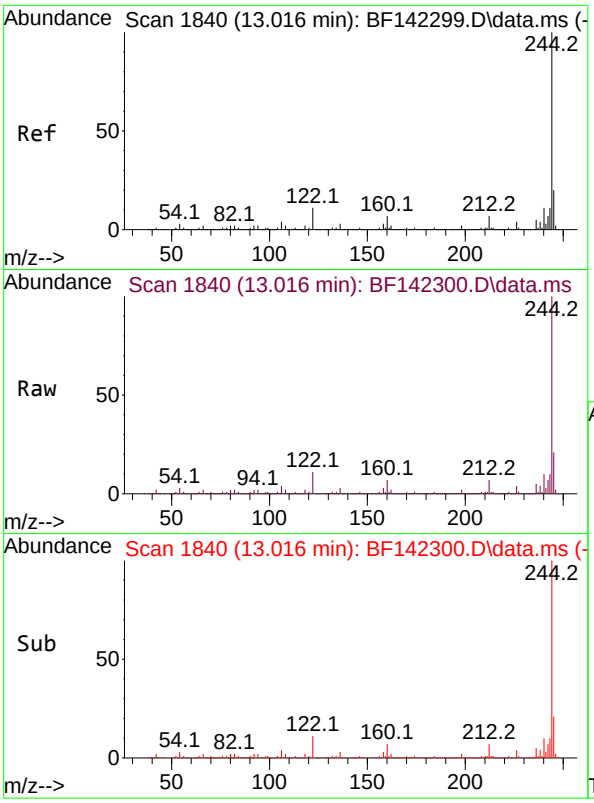


#78
Pyrene
Concen: 53.702 ng
RT: 12.875 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

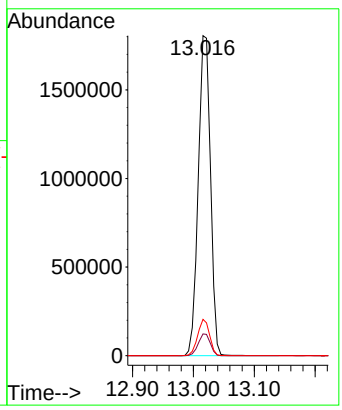




#79
Terphenyl-d14
Concen: 102.849 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:244 Resp: 251216

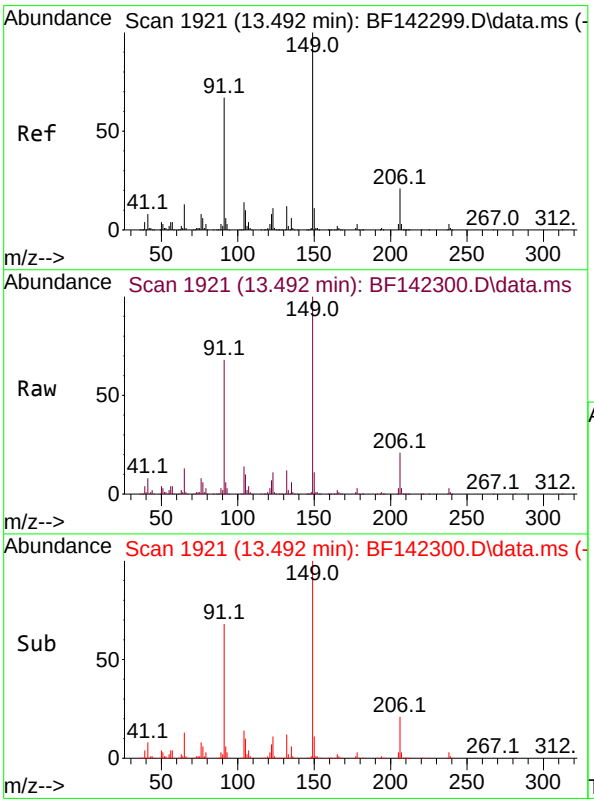
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.4	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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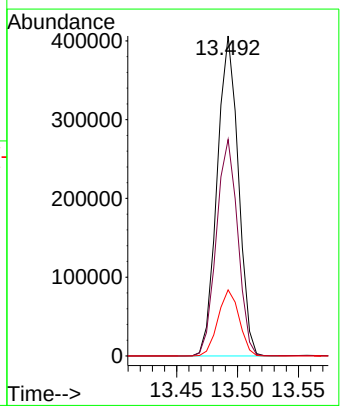
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

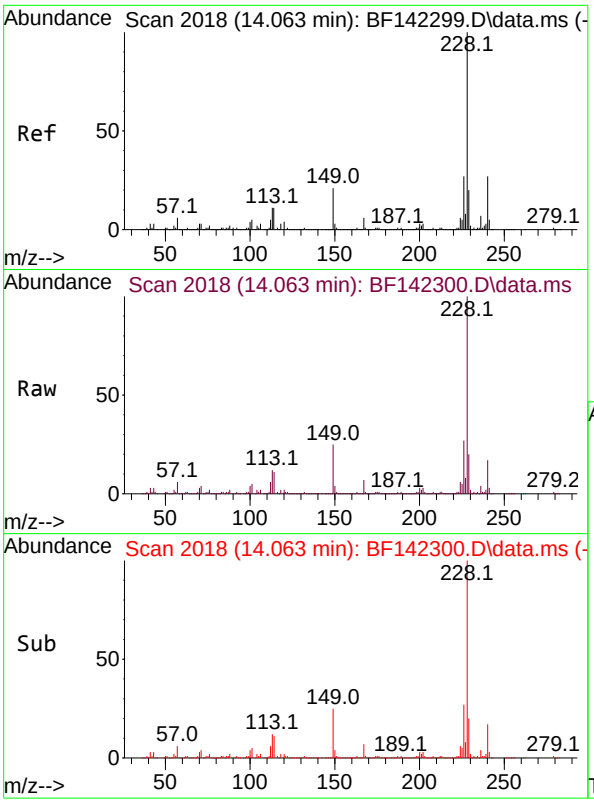


#80
Butylbenzylphthalate
Concen: 52.156 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

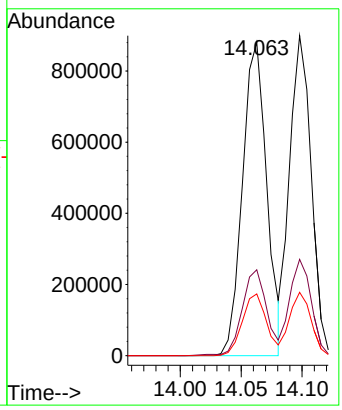
Tgt Ion:228 Resp: 122413

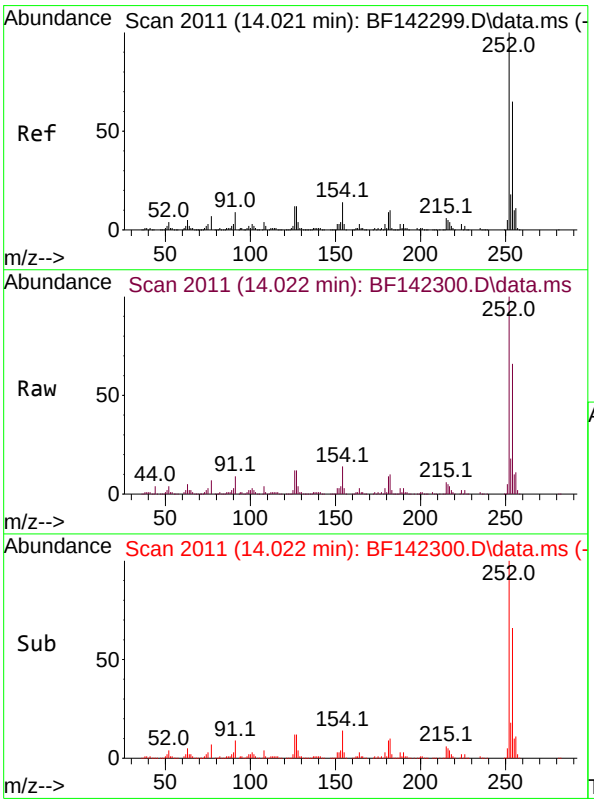
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.5	32.3
229	19.7	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

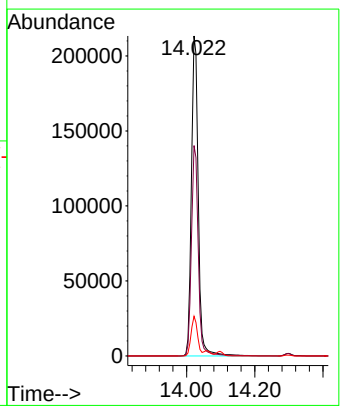


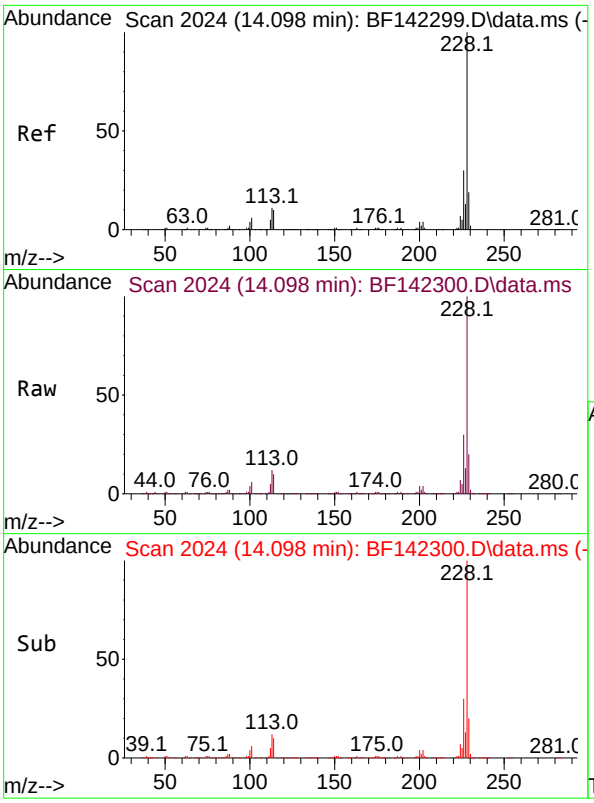


#82
3,3'-Dichlorobenzidine
Concen: 54.357 ng
RT: 14.022 min Scan# 2011
Delta R.T. 0.001 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

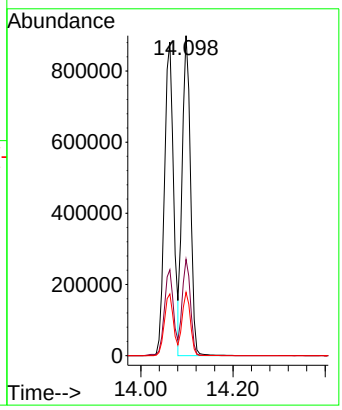




#83
Chrysene
Concen: 51.342 ng
RT: 14.098 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:228 Resp: 111904(

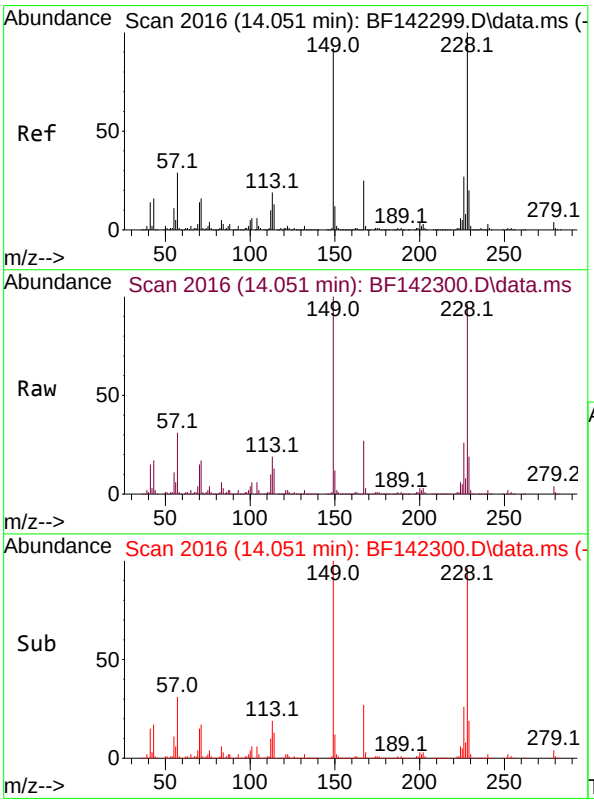
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	19.8	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

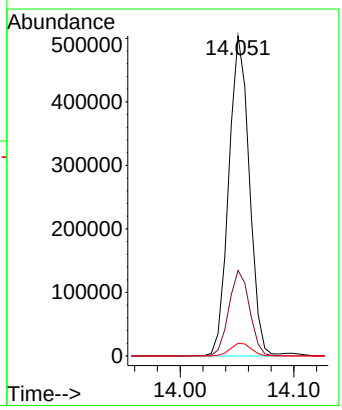
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

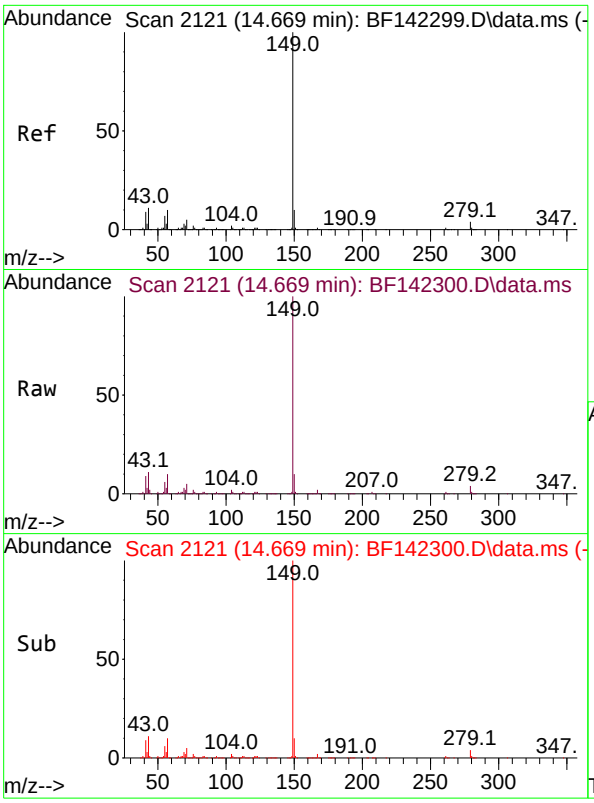


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.305 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

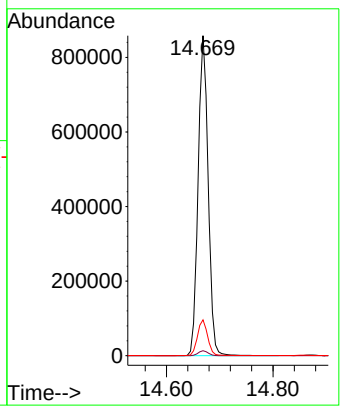
Tgt Ion:149 Resp: 112210

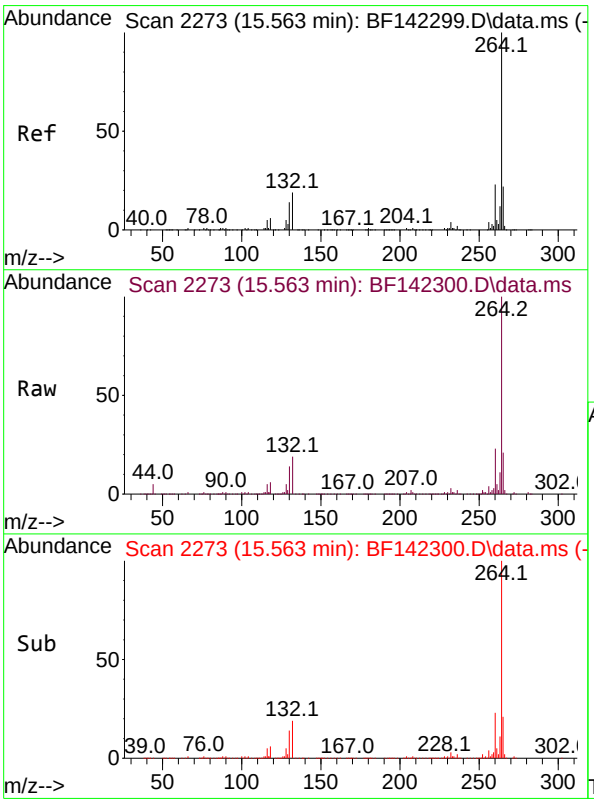
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.4	9.2	13.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

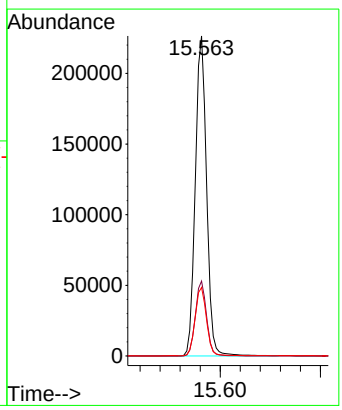


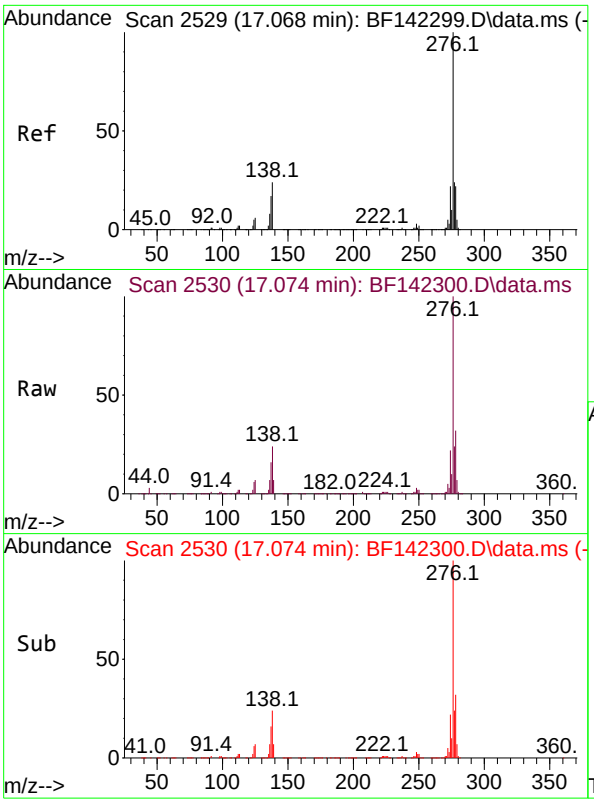


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

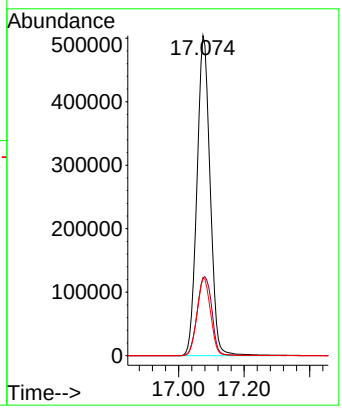




#87
Indeno(1,2,3-cd)pyrene
Concen: 57.351 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:276 Resp: 140723

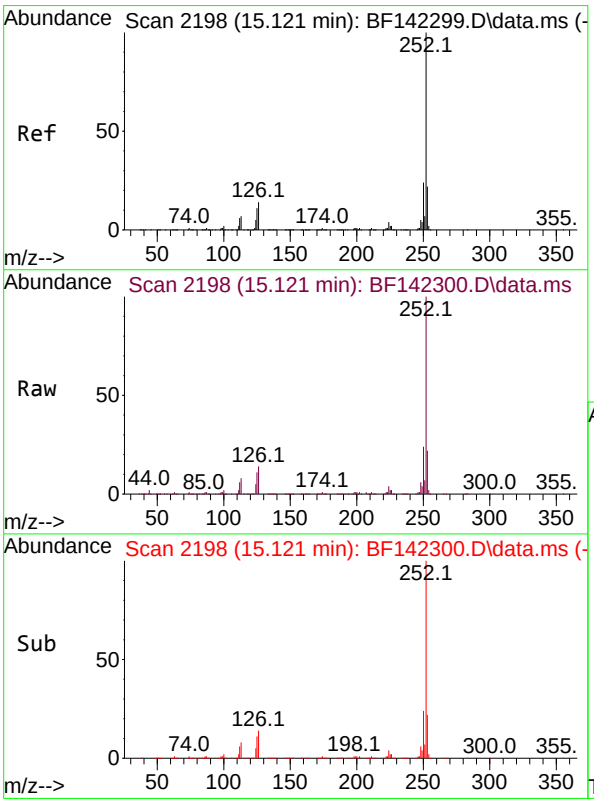
Ion	Ratio	Lower	Upper
276	100		
138	27.7	22.0	33.0
277	25.0	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

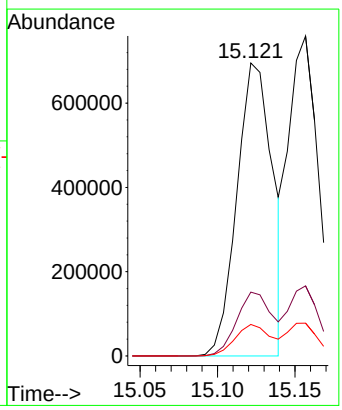
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

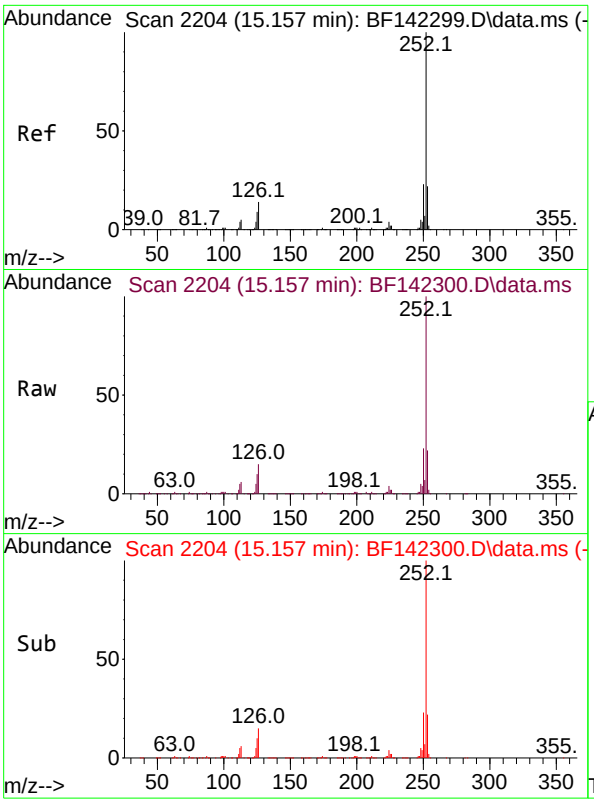


#88
Benzo(b)fluoranthene
Concen: 52.119 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

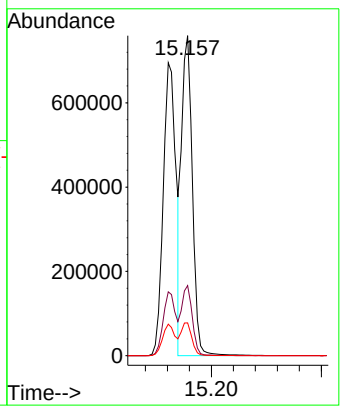




#89
Benzo(k)fluoranthene
Concen: 52.880 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:252 Resp: 103381

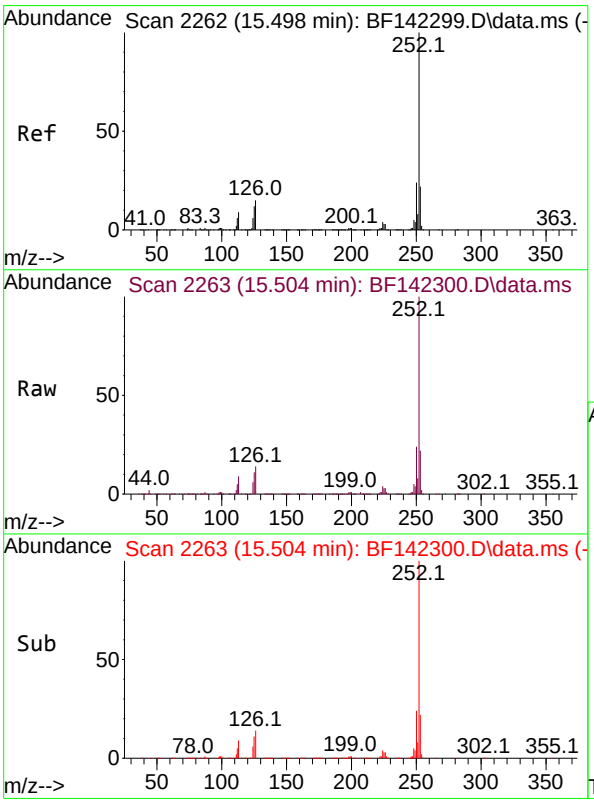
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.2	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

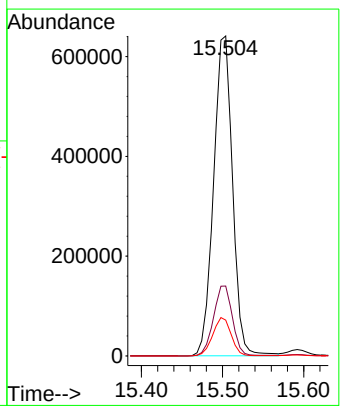
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

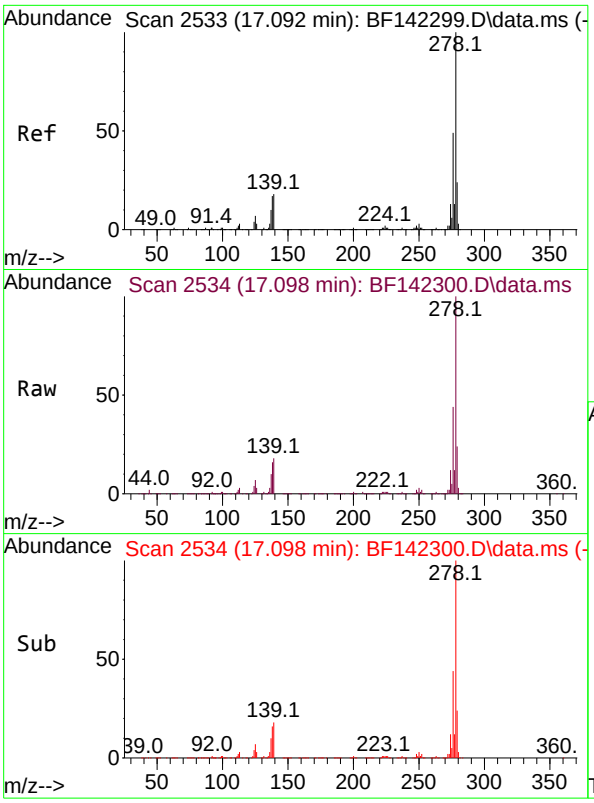


#90
Benzo(a)pyrene
Concen: 54.482 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

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

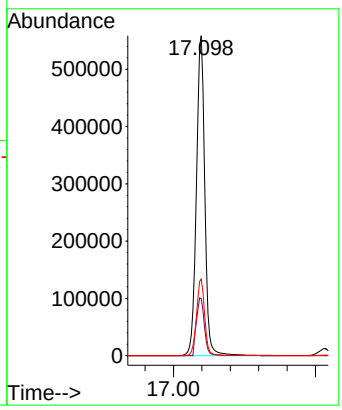




#91
Dibenzo(a,h)anthracene
Concen: 56.905 ng
RT: 17.098 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:278 Resp: 115355

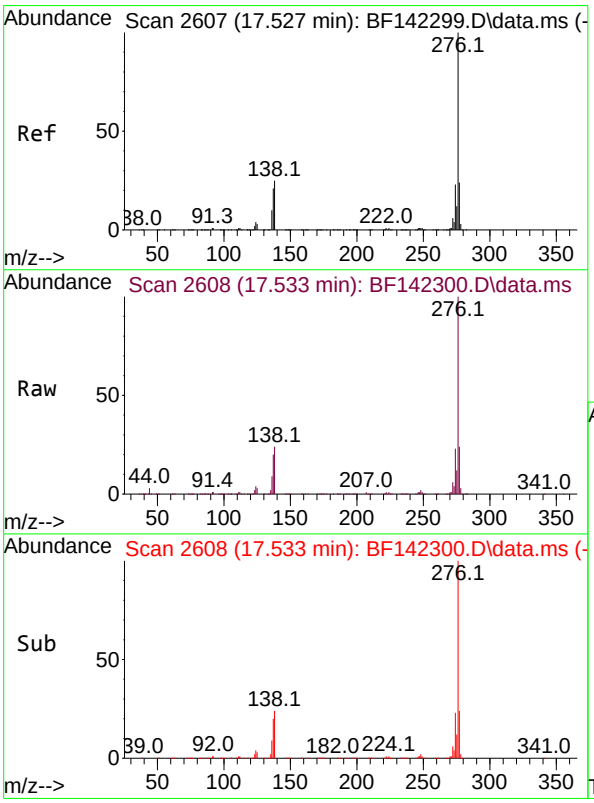
Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.5	21.7
279	24.0	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

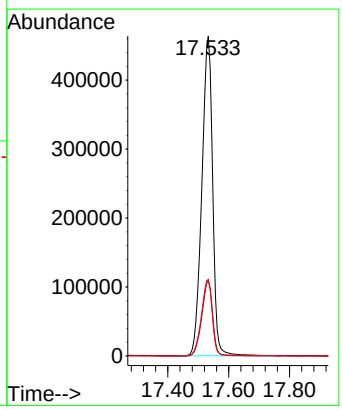
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#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

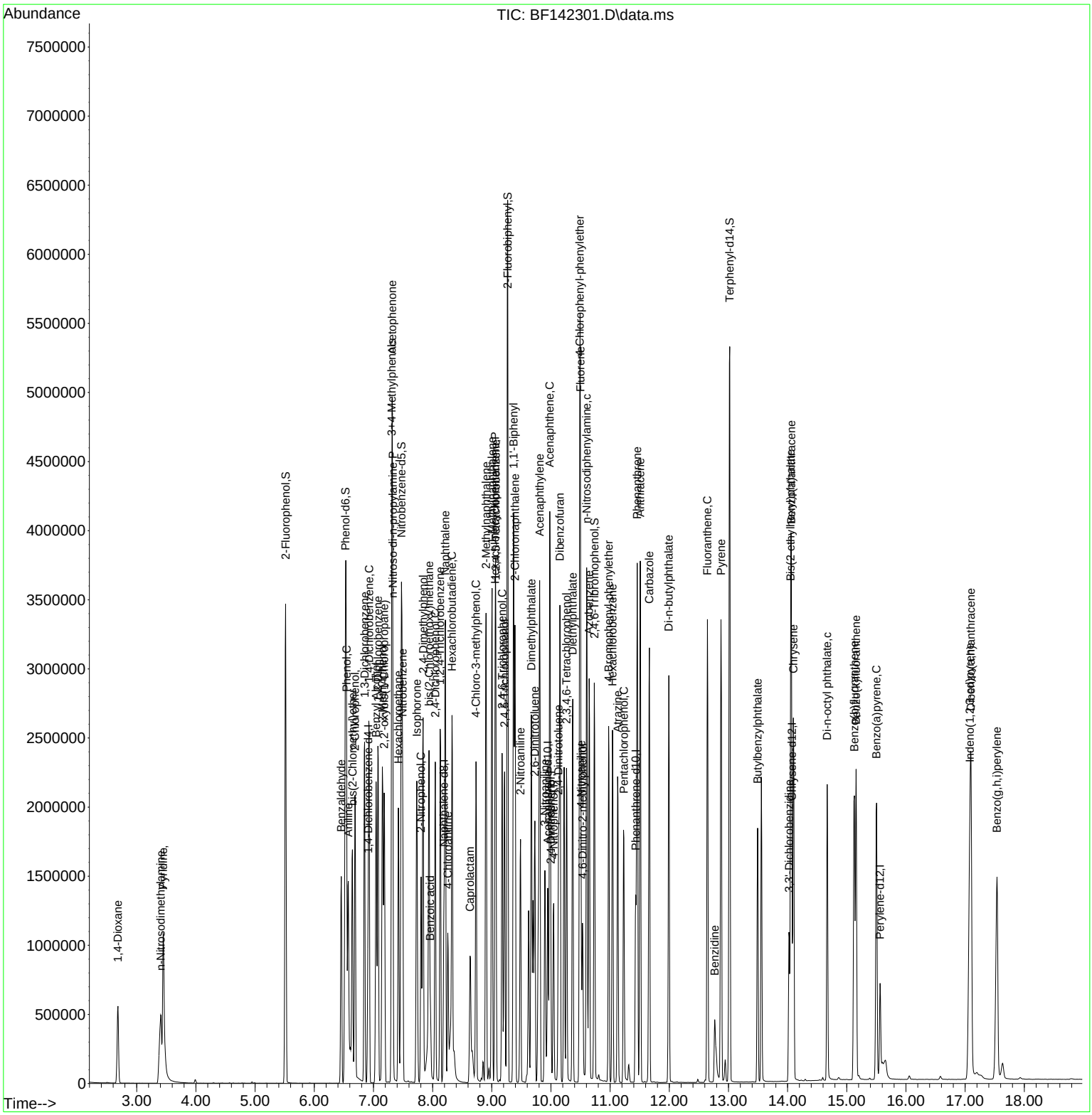
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142301.D
Acq On : 05 May 2025 16:47
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

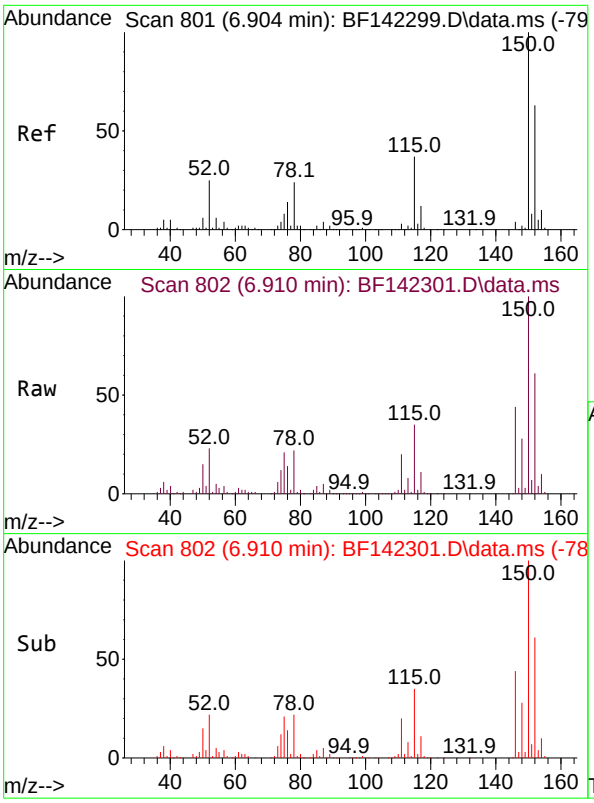
Quant Time: May 05 18:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

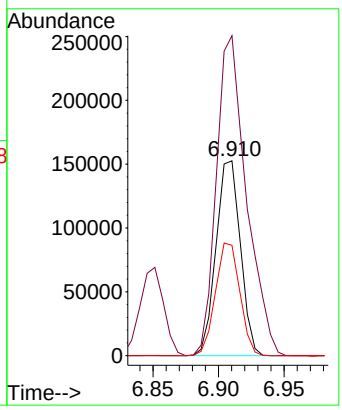




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:152 Resp: 19745

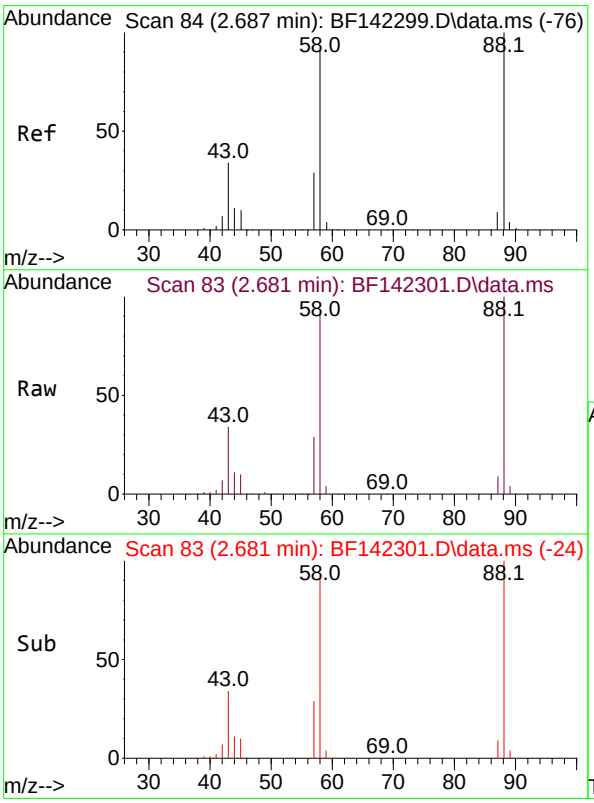
Ion	Ratio	Lower	Upper
152	100		
150	164.2	126.6	190.0
115	56.7	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

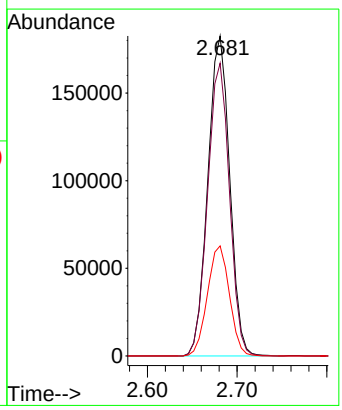
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

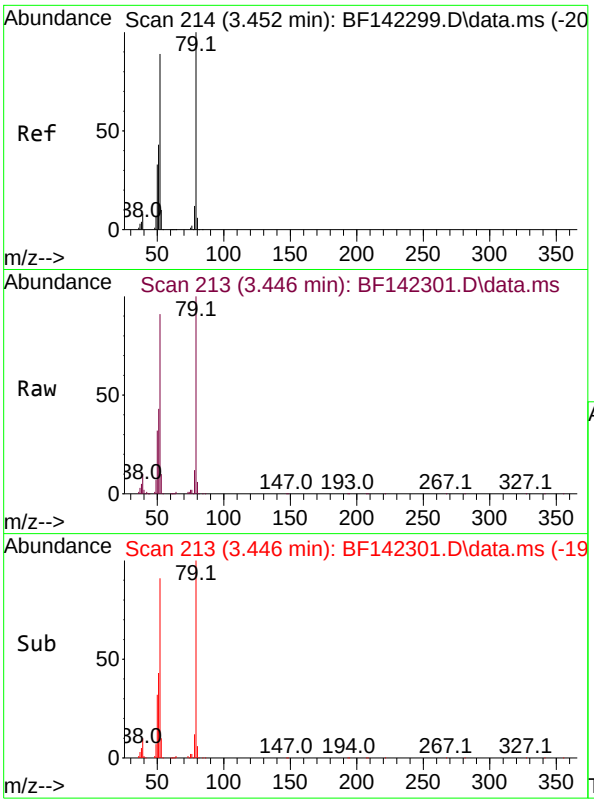


#2
1,4-Dioxane
Concen: 59.255 ng
RT: 2.681 min Scan# 83
Delta R.T. -0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

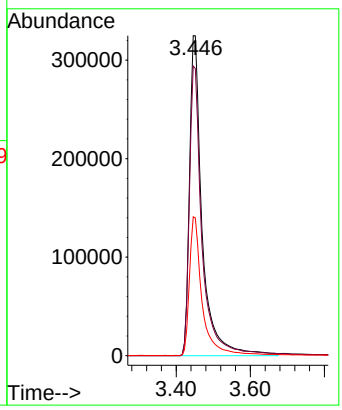




#3
Pyridine
Concen: 63.459 ng
RT: 3.446 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 79 Resp: 77725

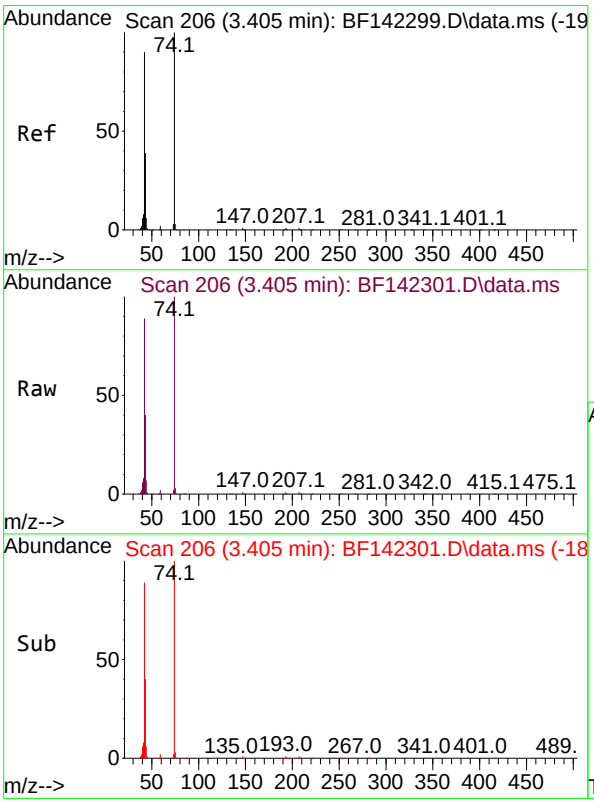
Ion	Ratio	Lower	Upper
79	100		
52	90.5	71.0	106.4
51	43.4	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

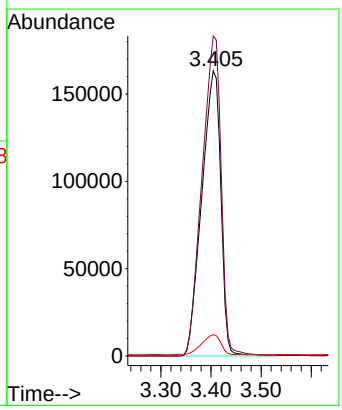
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

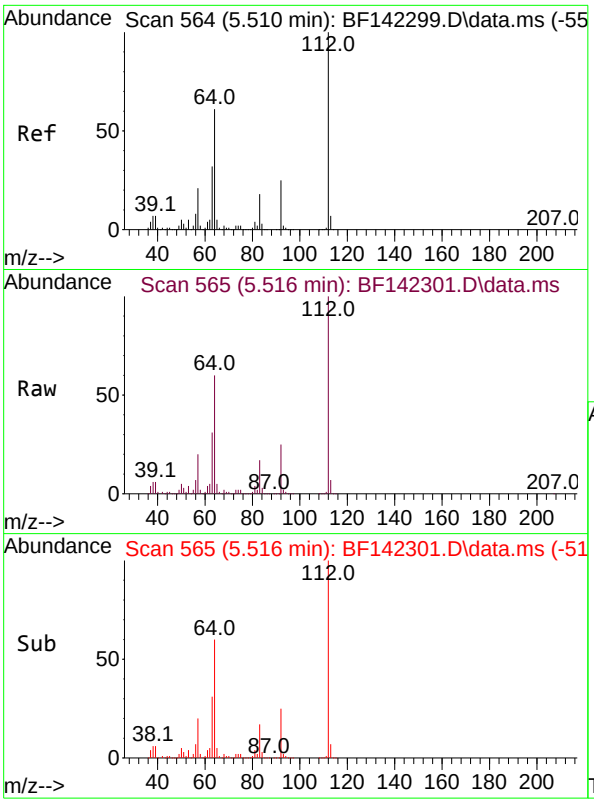


#4
n-Nitrosodimethylamine
Concen: 60.476 ng
RT: 3.405 min Scan# 206
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

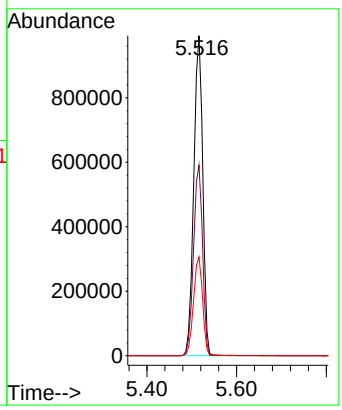
Tgt Ion:112 Resp: 138070

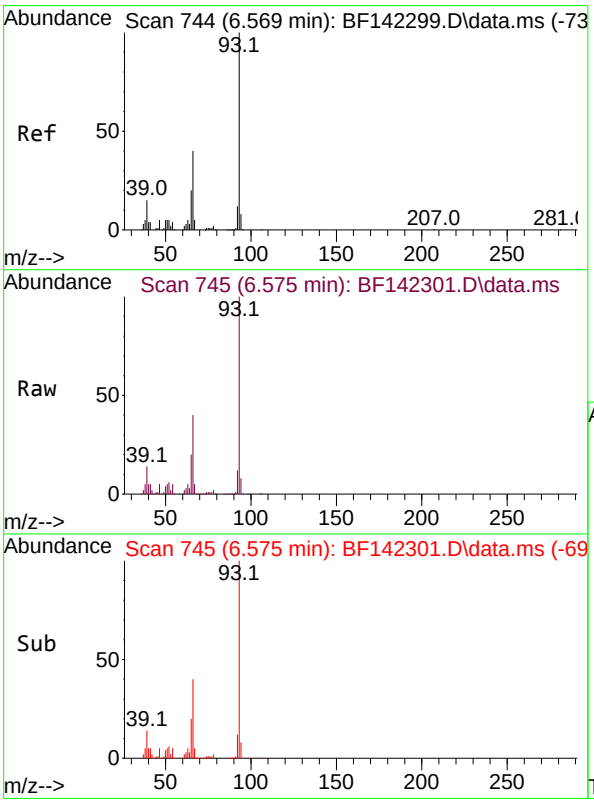
Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.9	73.3
63	30.8	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

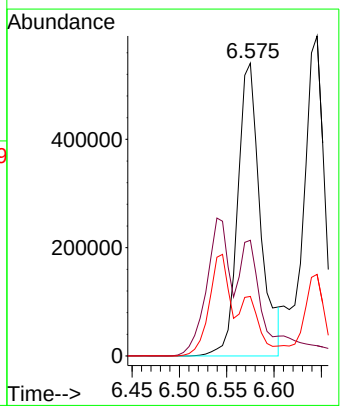


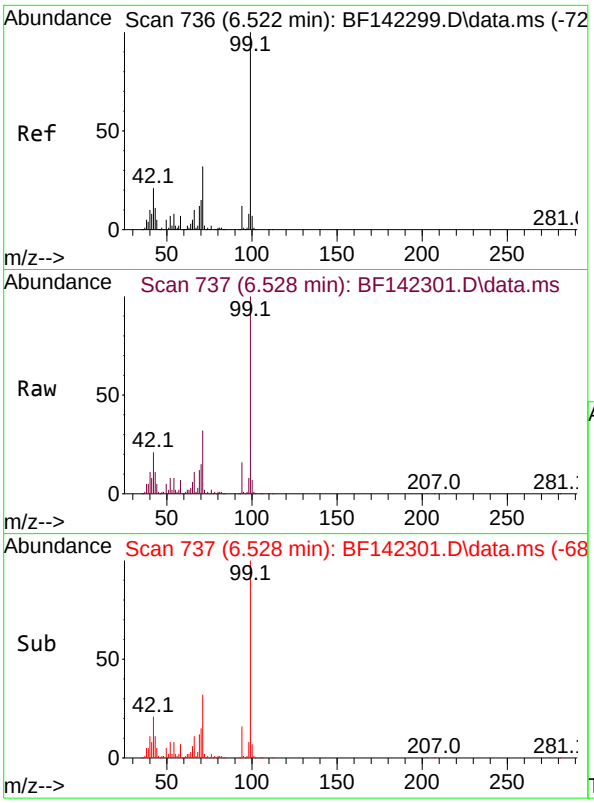


#6
Aniline
Concen: 64.503 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

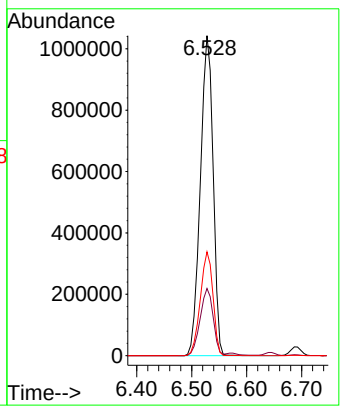




#7
Phenol-d6
Concen: 118.204 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 99 Resp: 168164

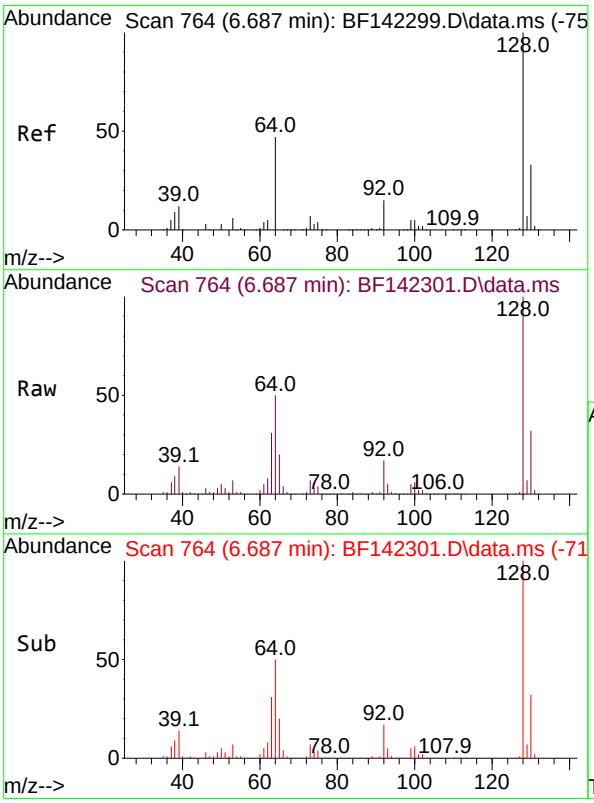
Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.4
71	32.5	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

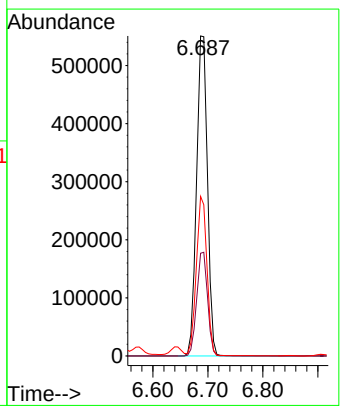
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

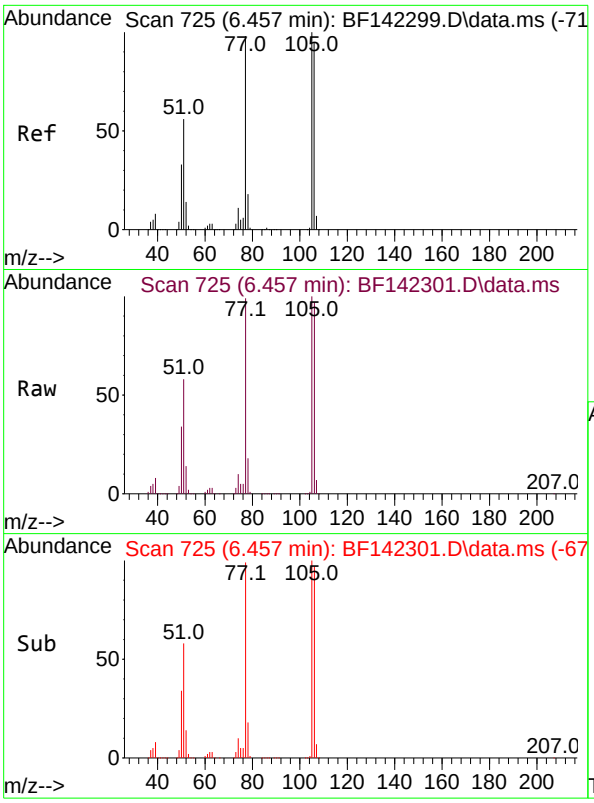


#8
2-Chlorophenol
Concen: 61.504 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

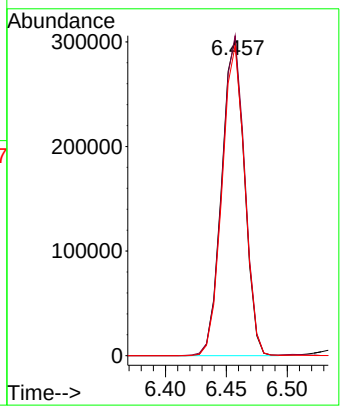




#9
Benzaldehyde
Concen: 47.164 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 77 Resp: 39271

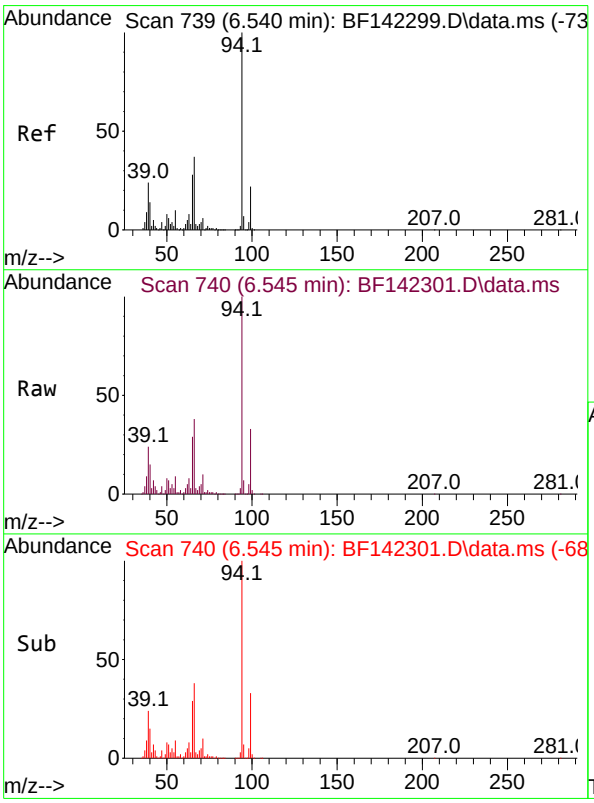
Ion	Ratio	Lower	Upper
77	100		
105	101.2	82.0	122.0
106	98.0	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

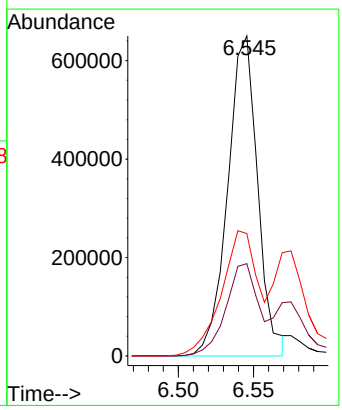
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

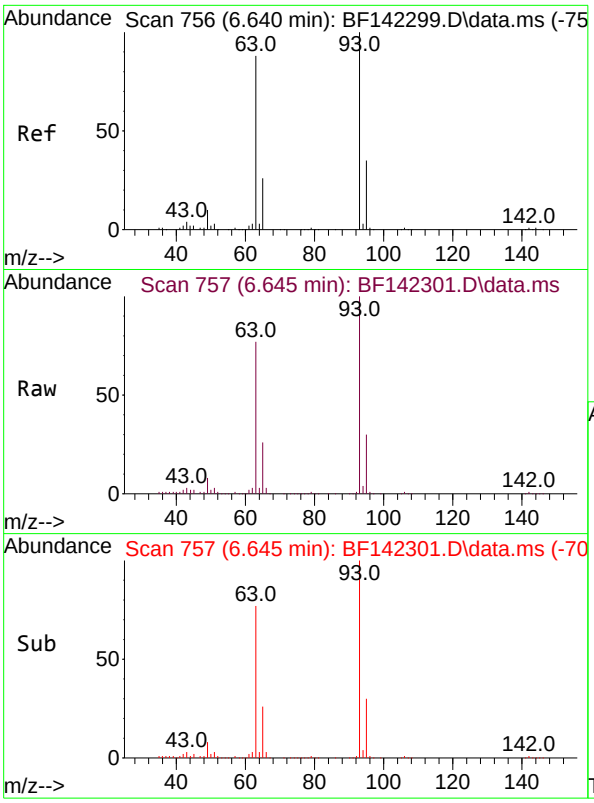


#10
Phenol
Concen: 59.871 ng m
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

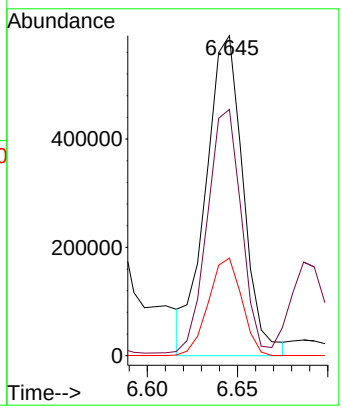




#11
bis(2-Chloroethyl)ether
Concen: 57.408 ng m
RT: 6.645 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 93 Resp: 85374

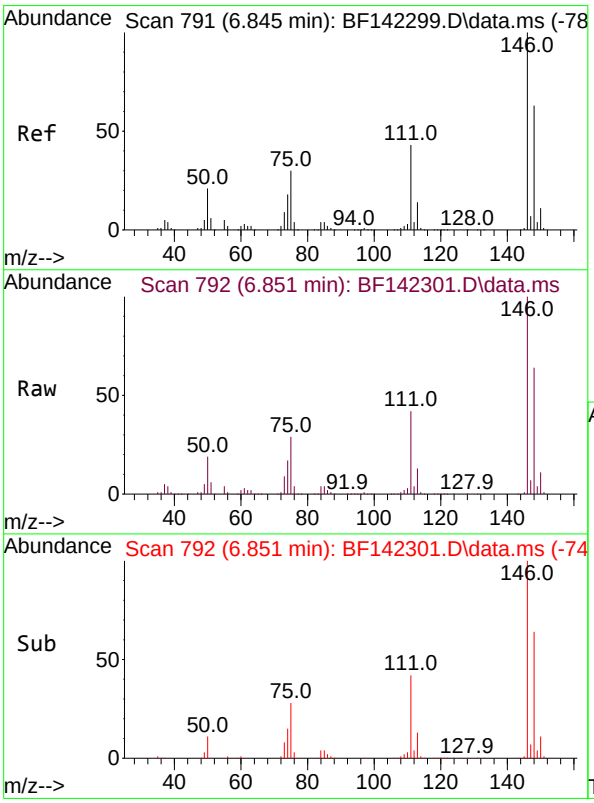
Ion	Ratio	Lower	Upper
93	100		
63	77.0	58.4	98.4
95	30.5	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

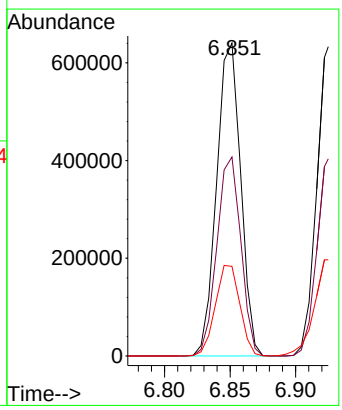
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

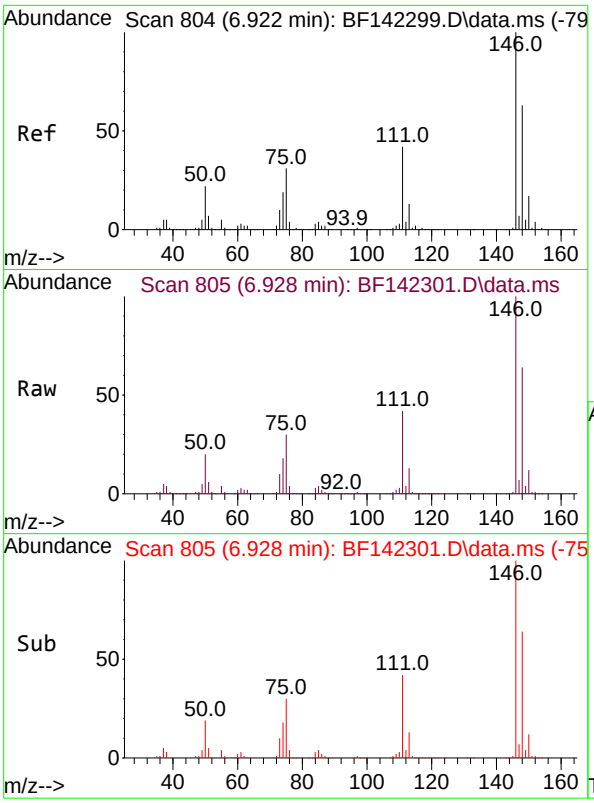


#12
1,3-Dichlorobenzene
Concen: 57.752 ng
RT: 6.851 min Scan# 792
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

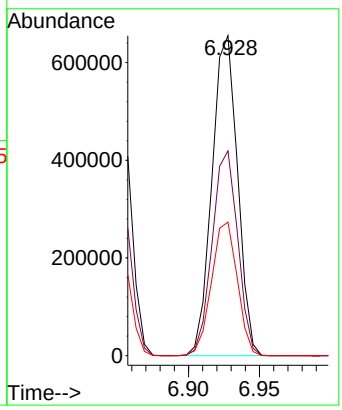




#13
1,4-Dichlorobenzene
Concen: 57.814 ng
RT: 6.928 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:146 Resp: 82088

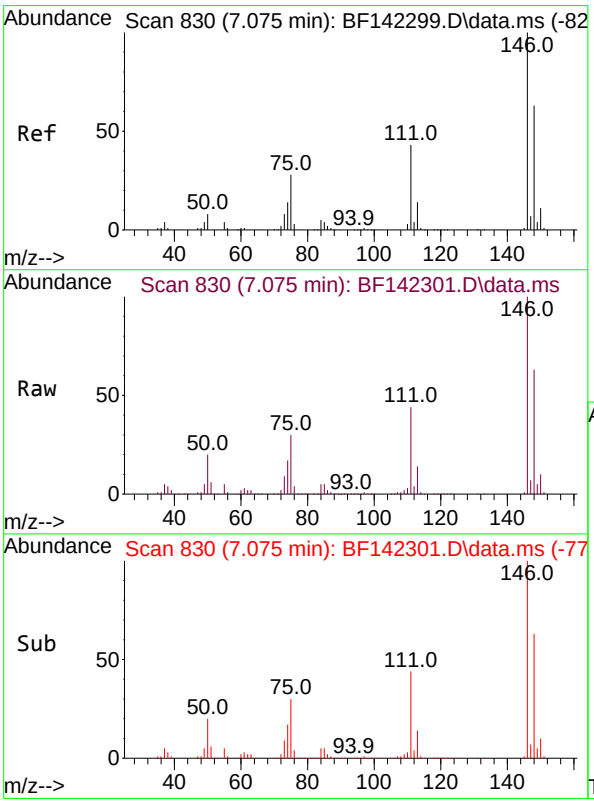
Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.5	75.7
111	41.8	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

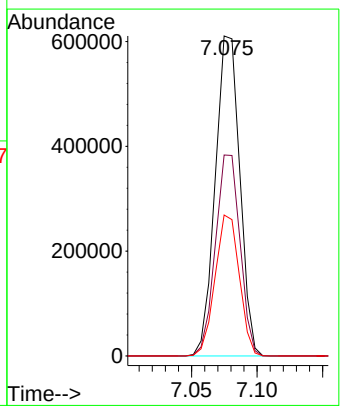
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

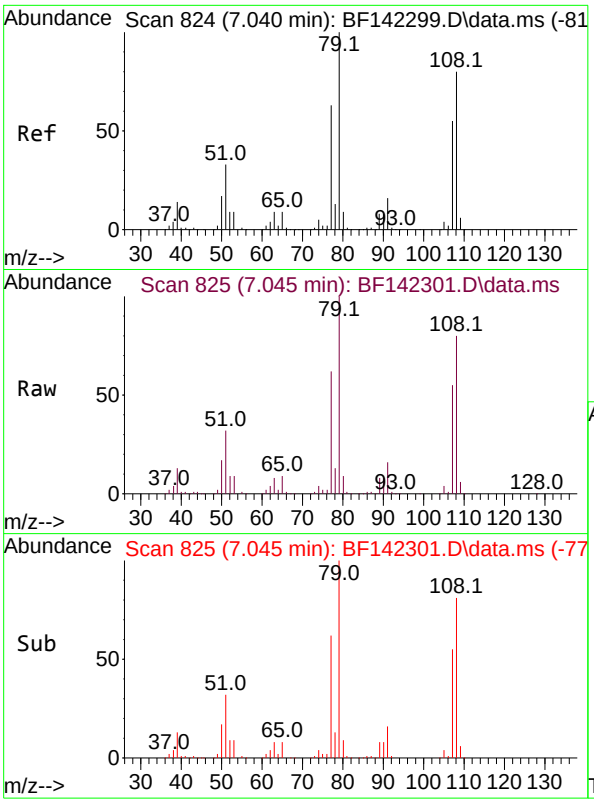


#14
1,2-Dichlorobenzene
Concen: 58.260 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

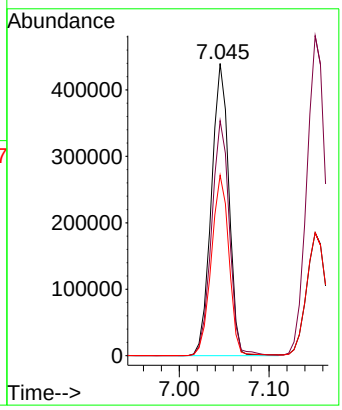
Tgt Ion: 79 Resp: 59703

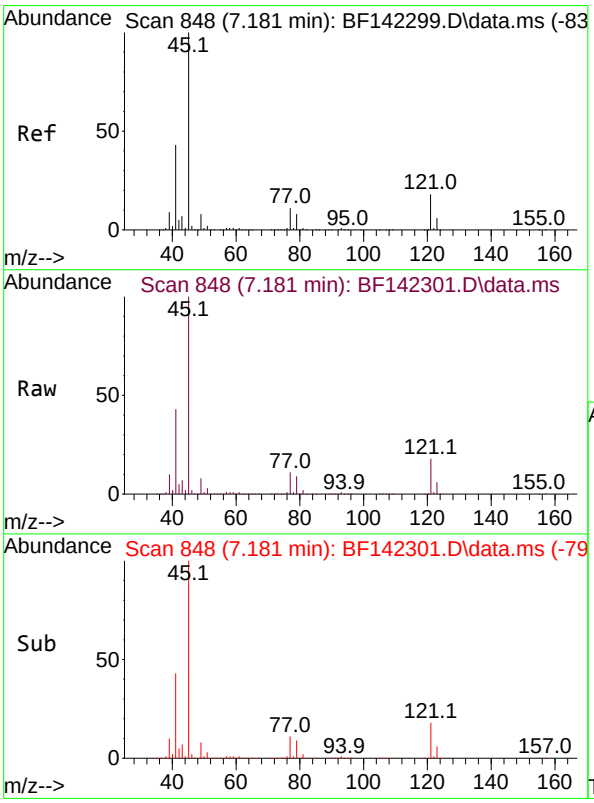
Ion	Ratio	Lower	Upper
79	100		
108	80.5	63.9	95.9
77	61.8	50.7	76.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

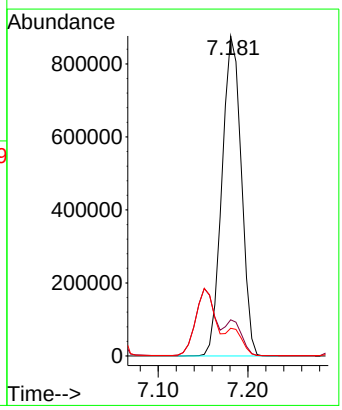


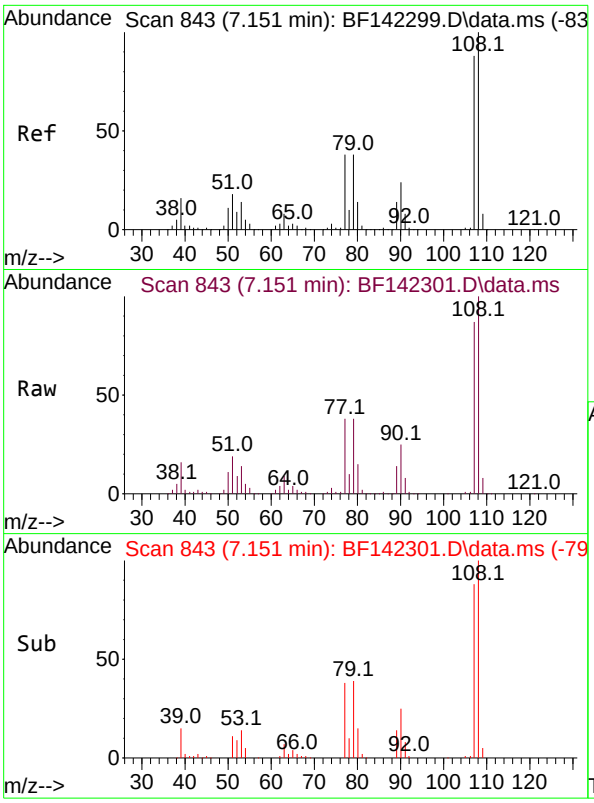


#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.989 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

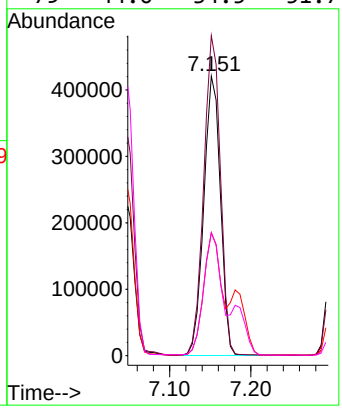




#17
2-Methylphenol
Concen: 59.949 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:107 Resp: 59992

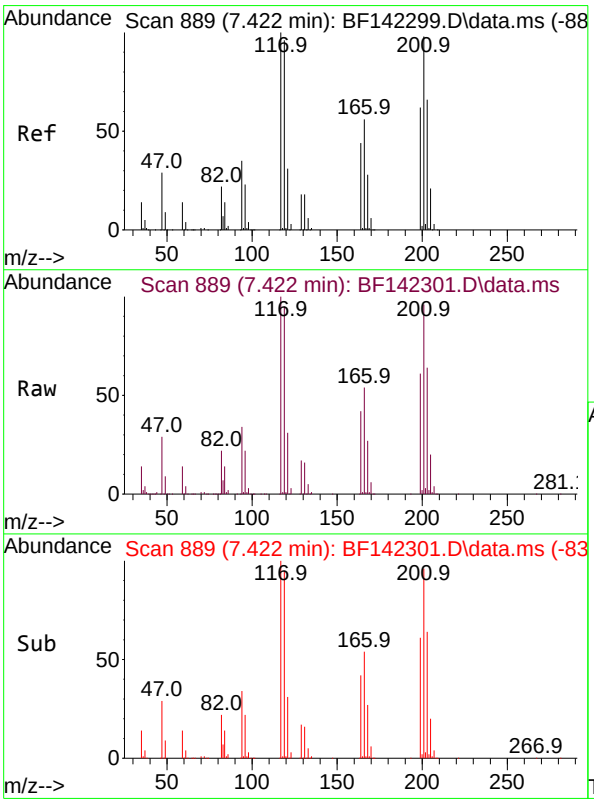
Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.1	136.7
77	44.0	34.7	52.1
79	44.0	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

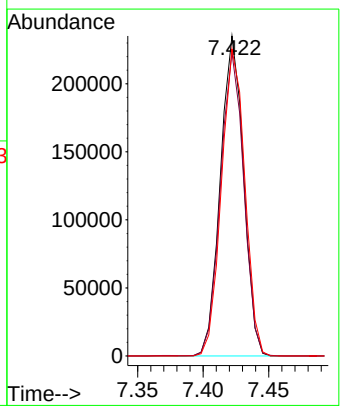
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

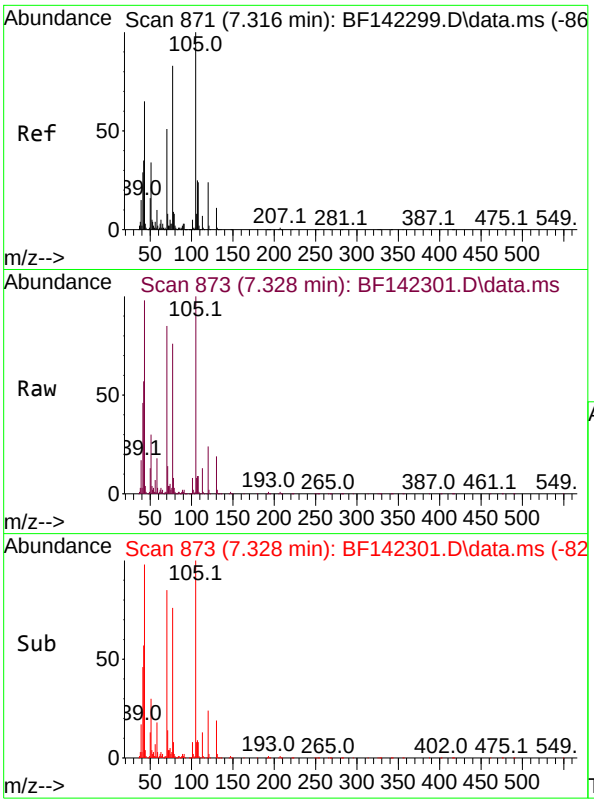


#18
Hexachloroethane
Concen: 61.032 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

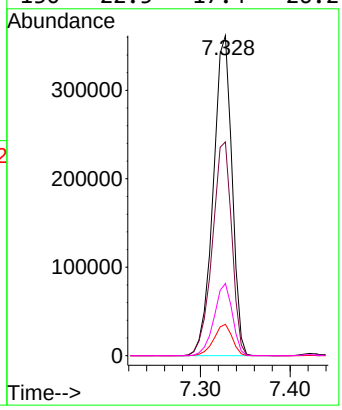




#19
n-Nitroso-di-n-propylamine
Concen: 59.543 ng
RT: 7.328 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 70 Resp: 52398

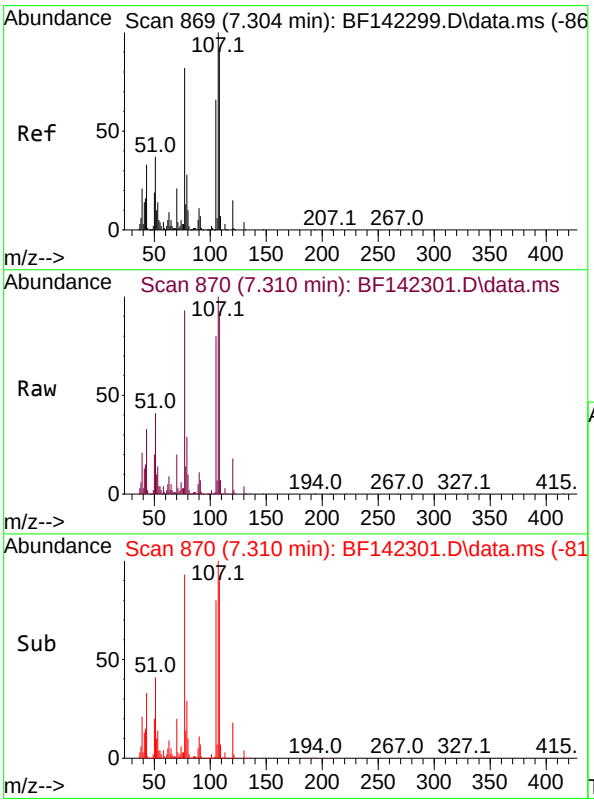
Ion	Ratio	Lower	Upper
70	100		
42	66.8	54.8	82.2
101	9.8	7.7	11.5
130	22.5	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

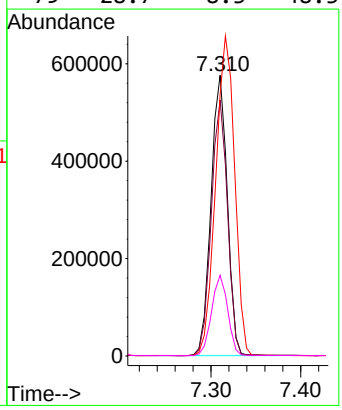
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

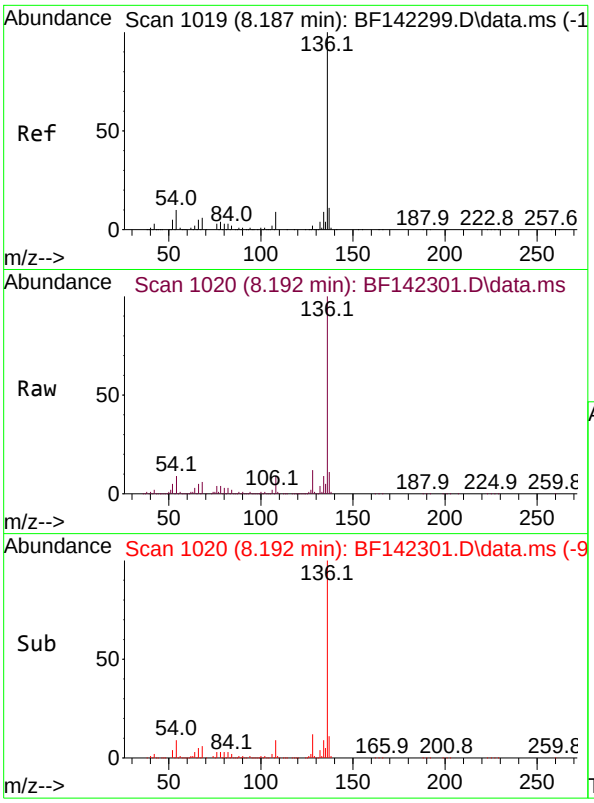


#20
3+4-Methylphenols
Concen: 58.165 ng
RT: 7.310 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

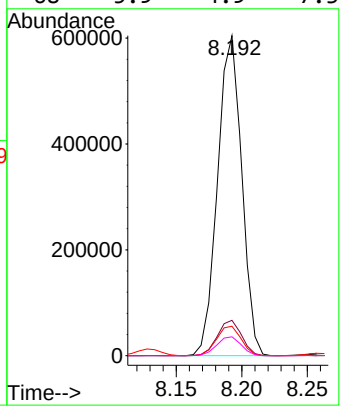




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:136 Resp: 77418

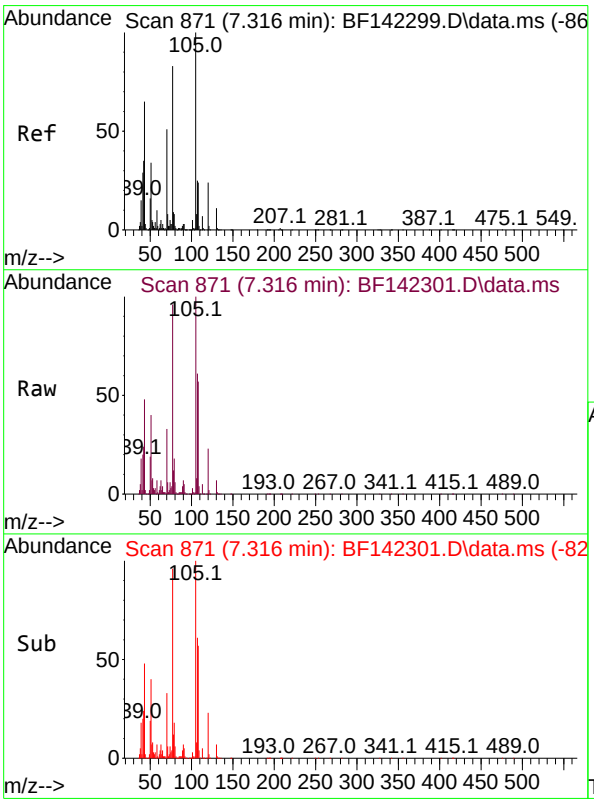
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.2	7.7	11.5
68	5.9	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

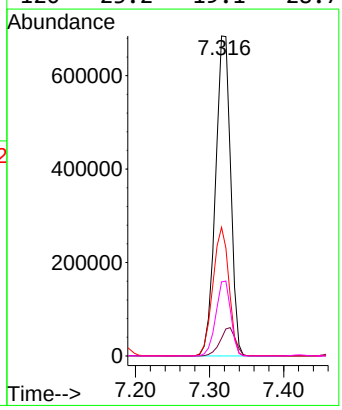
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

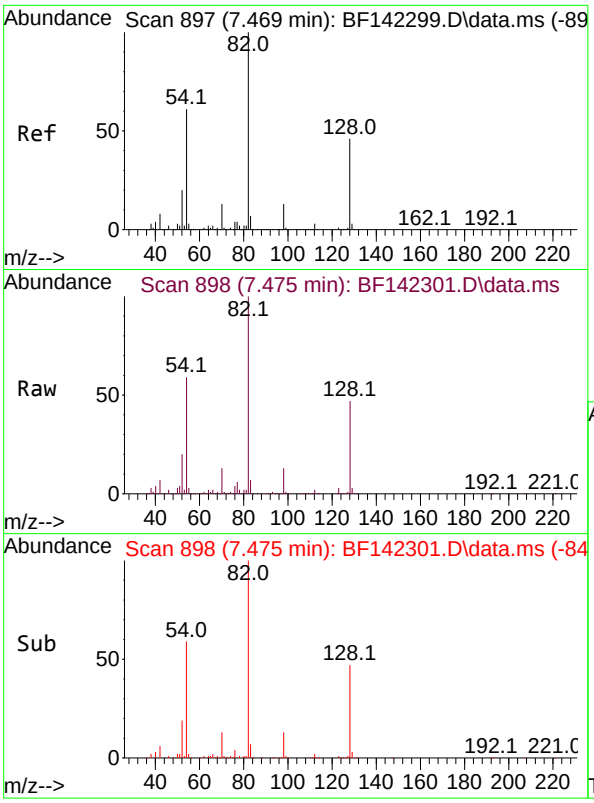


#22
Acetophenone
Concen: 56.476 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

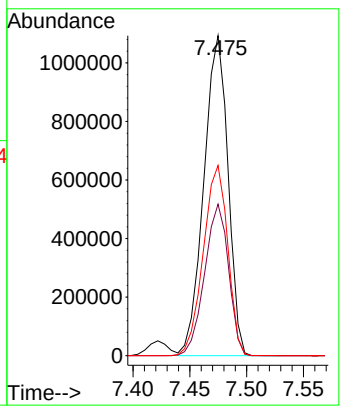




#23
Nitrobenzene-d5
Concen: 127.189 ng
RT: 7.475 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 82 Resp: 161455

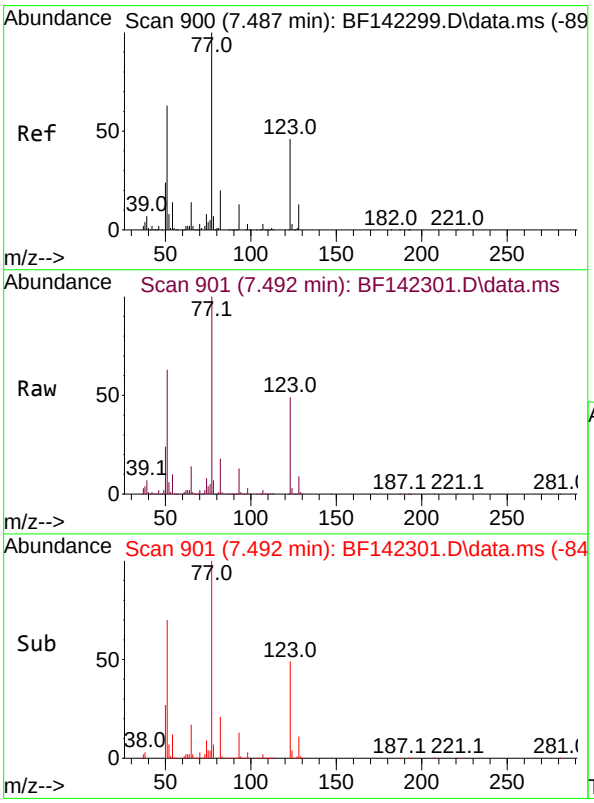
Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.0	55.6
54	59.4	48.6	73.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

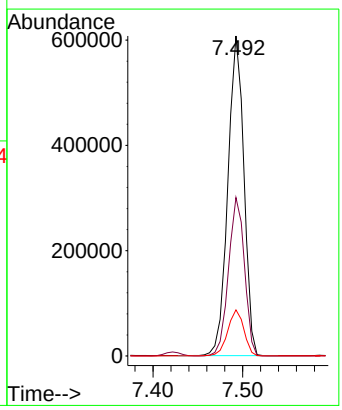
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

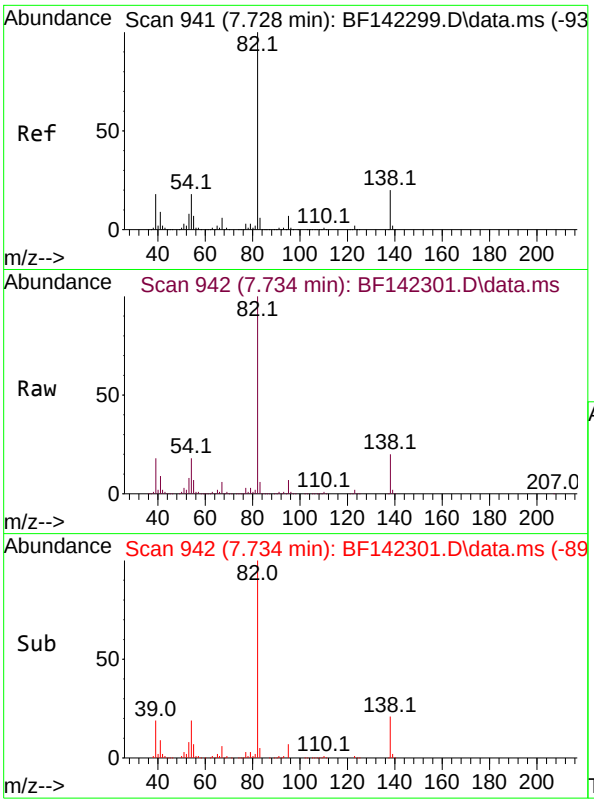


#24
Nitrobenzene
Concen: 62.999 ng
RT: 7.492 min Scan# 901
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

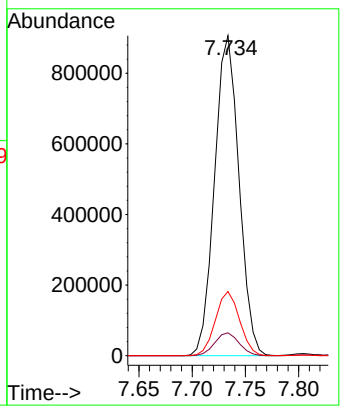




#25
Isophorone
Concen: 60.087 ng
RT: 7.734 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 82 Resp: 144439

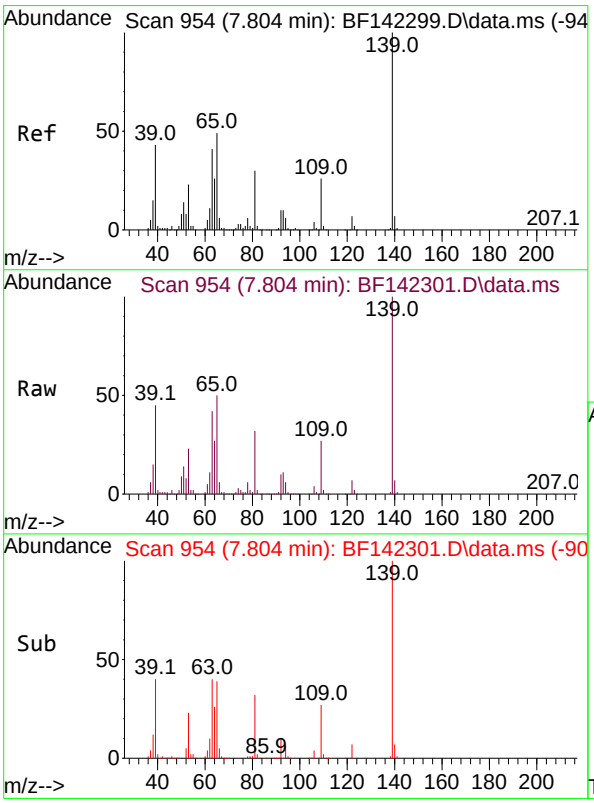
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.8
138	20.1	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

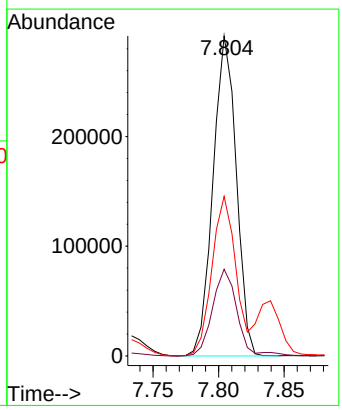
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

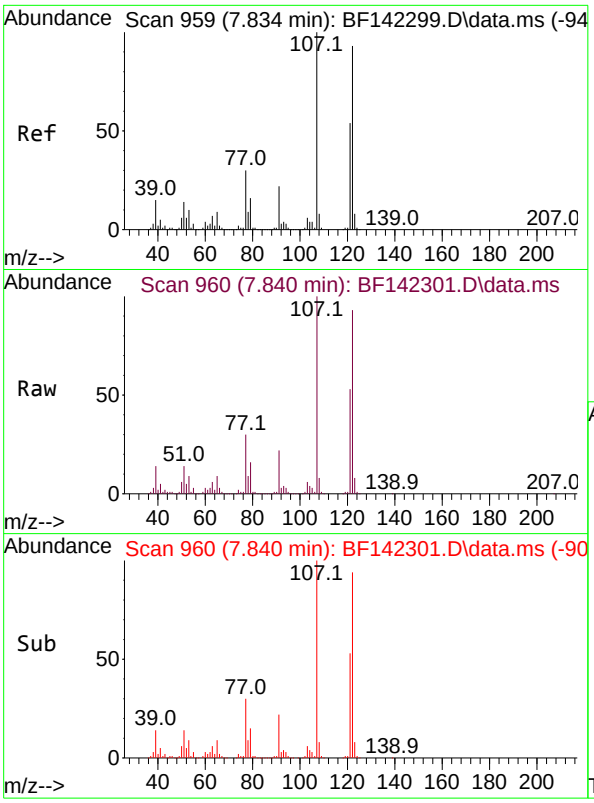


#26
2-Nitrophenol
Concen: 61.112 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

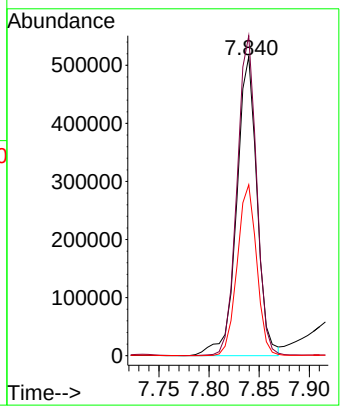




#27
2,4-Dimethylphenol
Concen: 60.325 ng
RT: 7.840 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:122 Resp: 72906

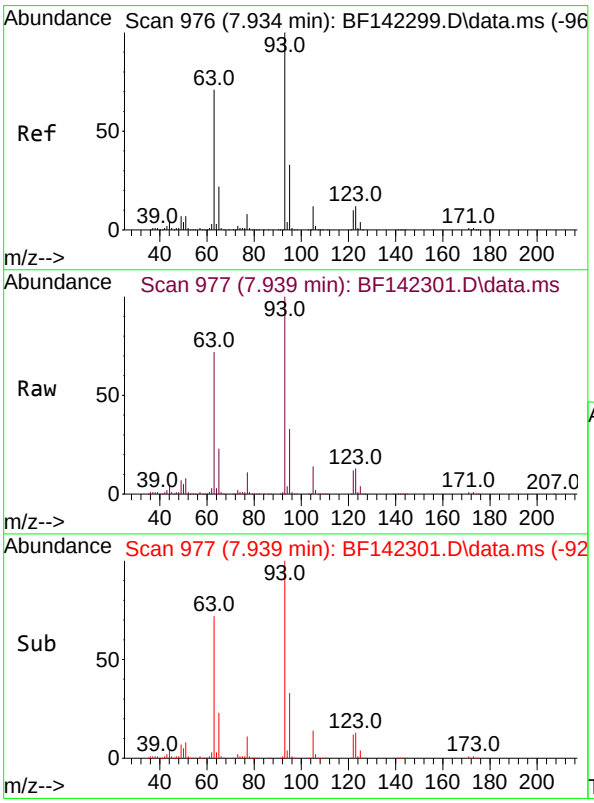
Ion	Ratio	Lower	Upper
122	100		
107	107.0	86.0	129.0
121	57.2	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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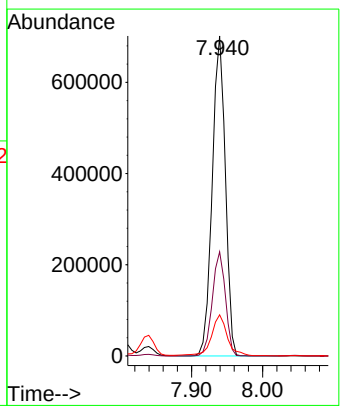
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

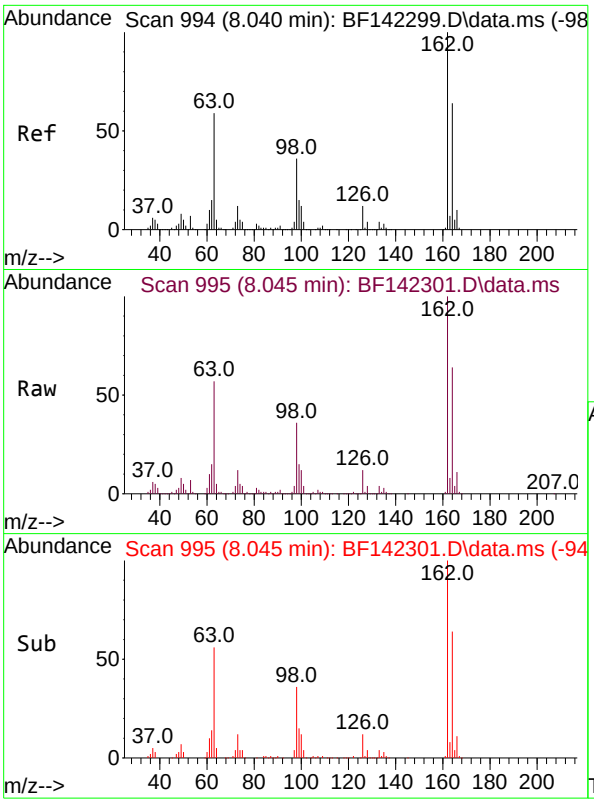


#28
bis(2-Chloroethoxy)methane
Concen: 58.015 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

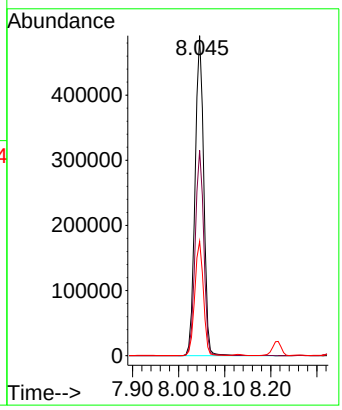
Tgt Ion:162 Resp: 63671

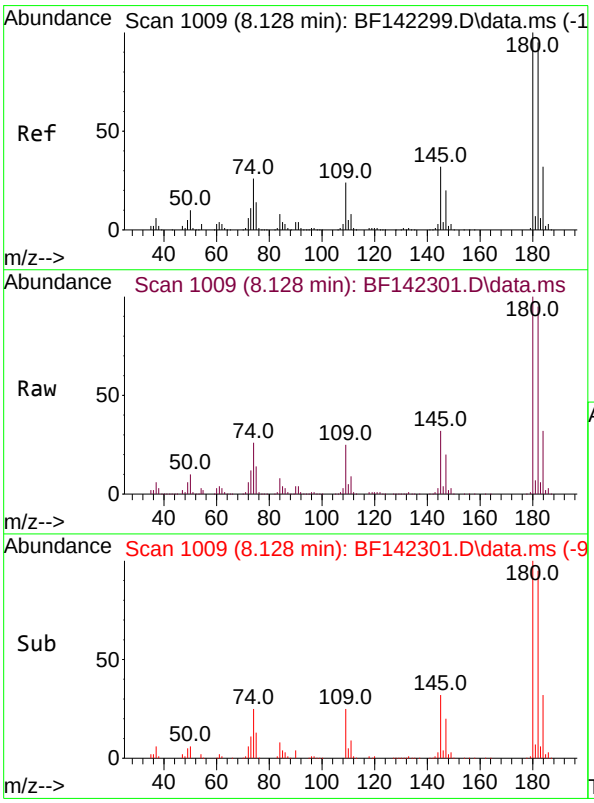
Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.6	83.6
98	35.7	16.5	56.5

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

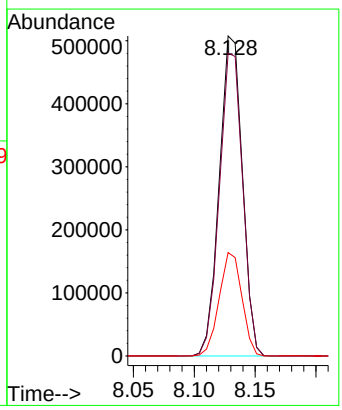


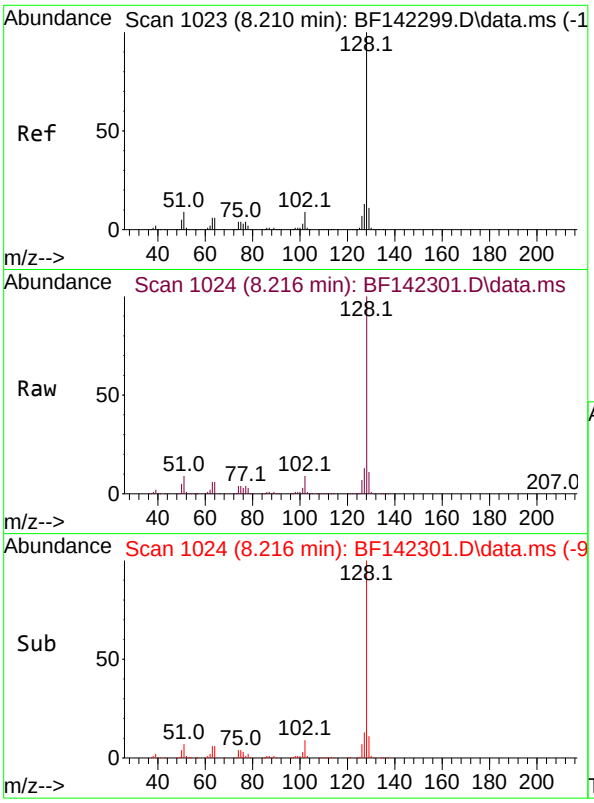


#30
1,2,4-Trichlorobenzene
Concen: 57.949 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

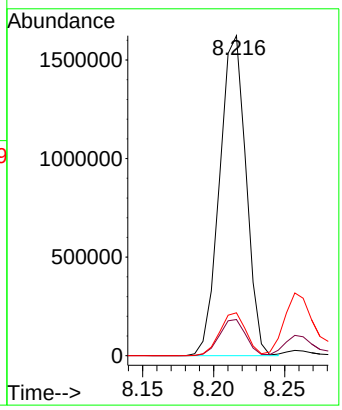
Tgt Ion:128 Resp: 210314

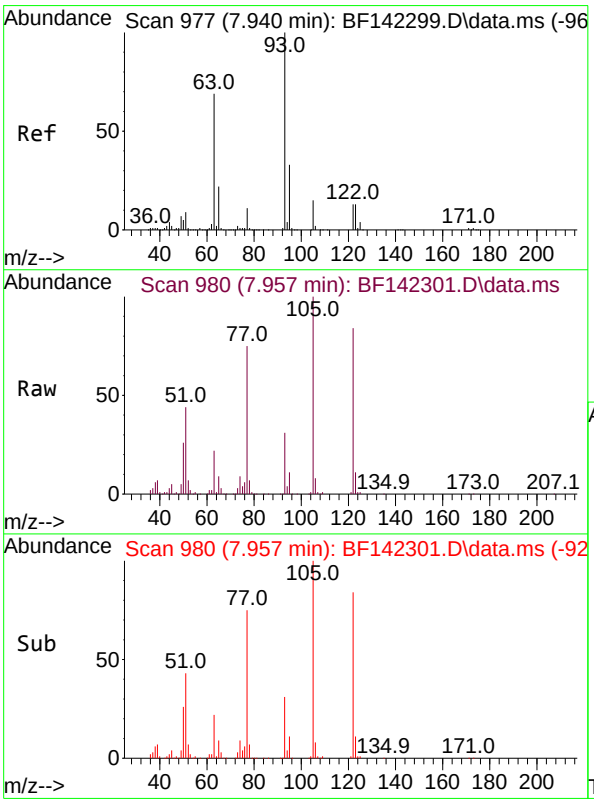
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.4	10.5	15.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

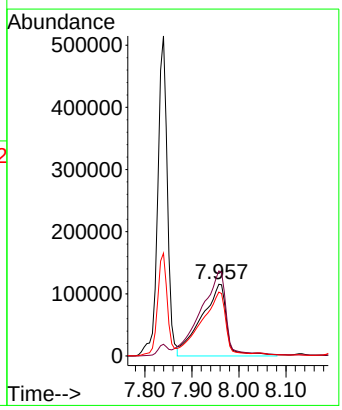


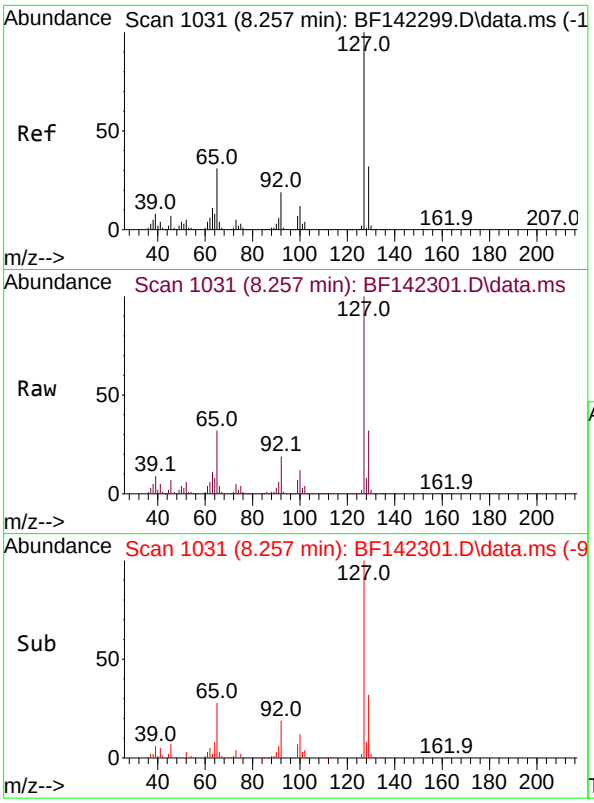


#32
Benzoic acid
Concen: 61.871 ng m
RT: 7.957 min Scan# 980
Delta R.T. 0.017 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

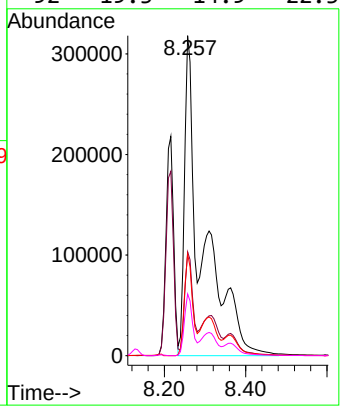




#33
4-Chloroaniline
Concen: 63.039 ng m
RT: 8.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:127 Resp: 96342

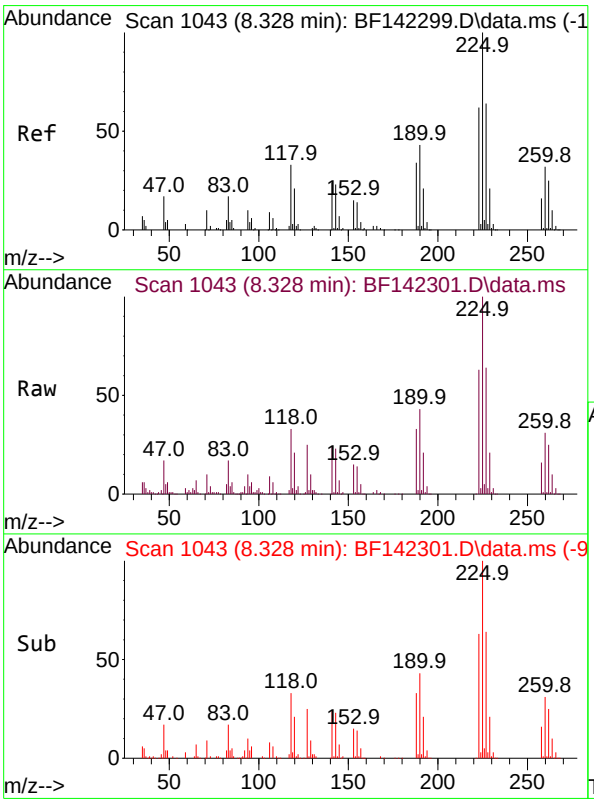
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	31.7	24.9	37.3
92	19.3	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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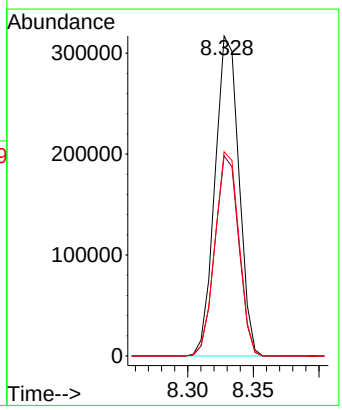
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

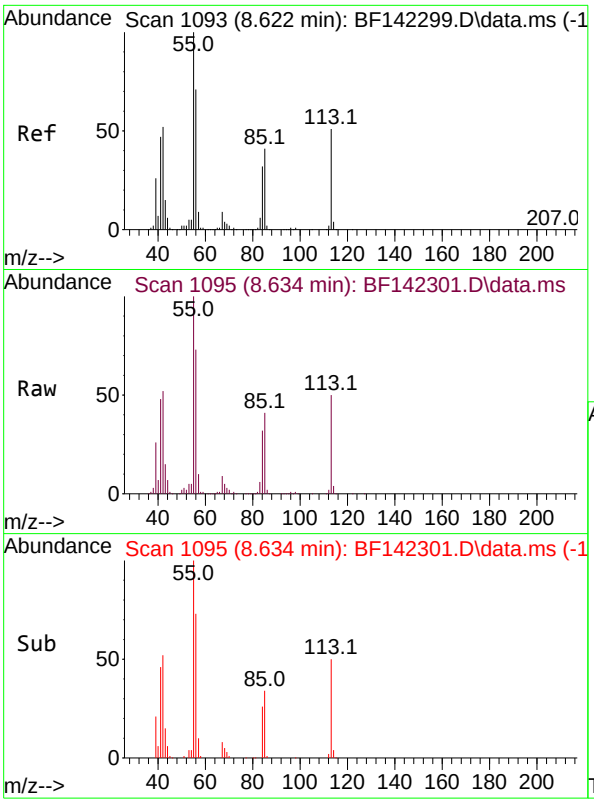


#34
Hexachlorobutadiene
Concen: 58.657 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

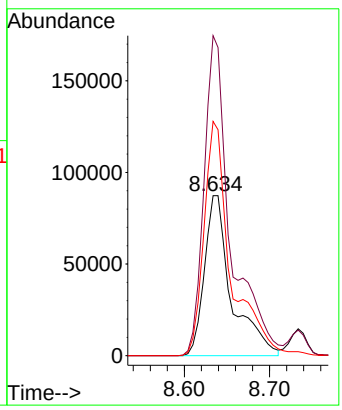




#35
Caprolactam
Concen: 64.619 ng
RT: 8.634 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:113 Resp: 19309

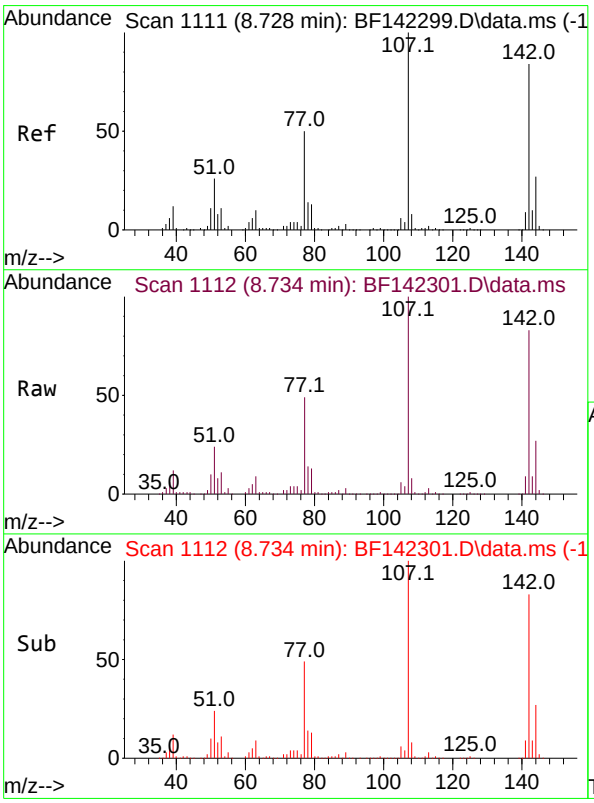
Ion	Ratio	Lower	Upper
113	100		
55	200.0	176.4	216.4
56	146.4	120.3	160.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

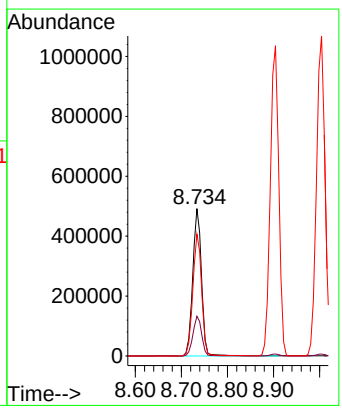
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

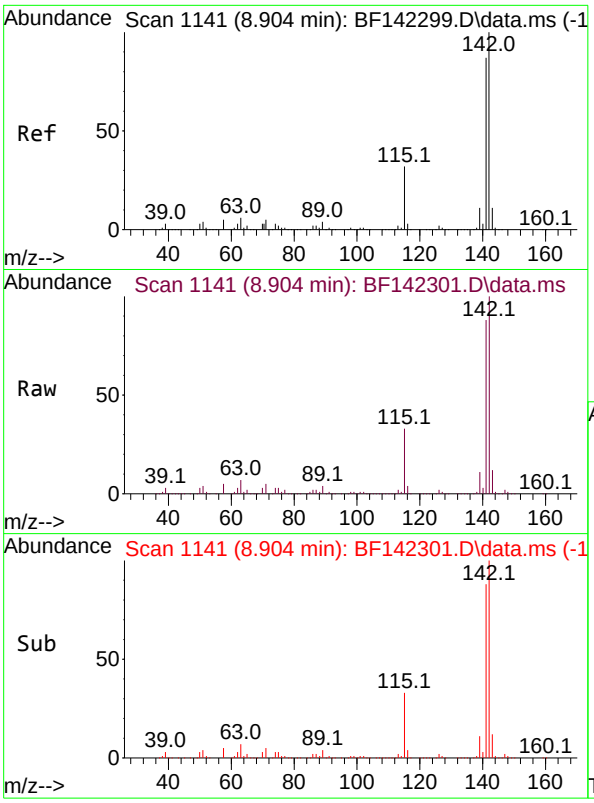


#36
4-Chloro-3-methylphenol
Concen: 60.738 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

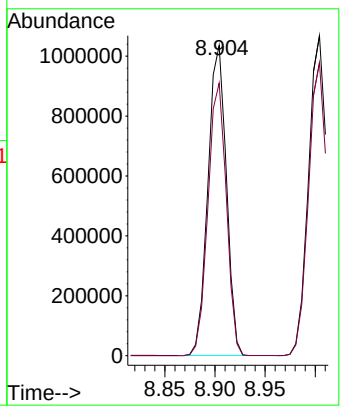
Tgt Ion:142 Resp: 131979

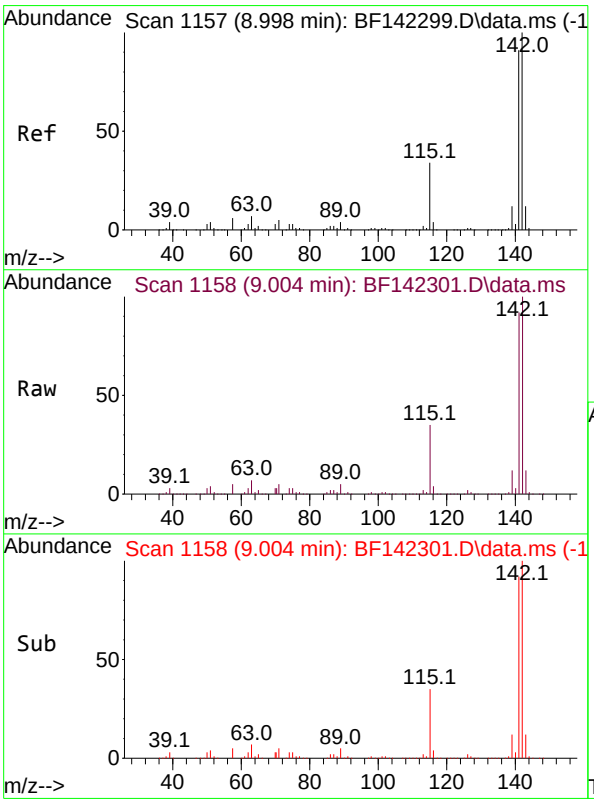
Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.4	104.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

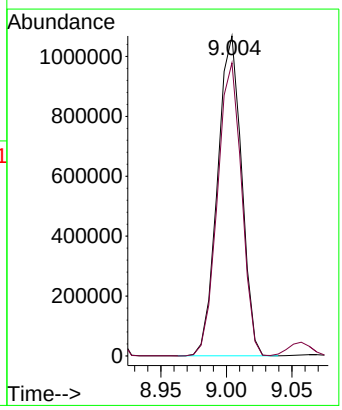


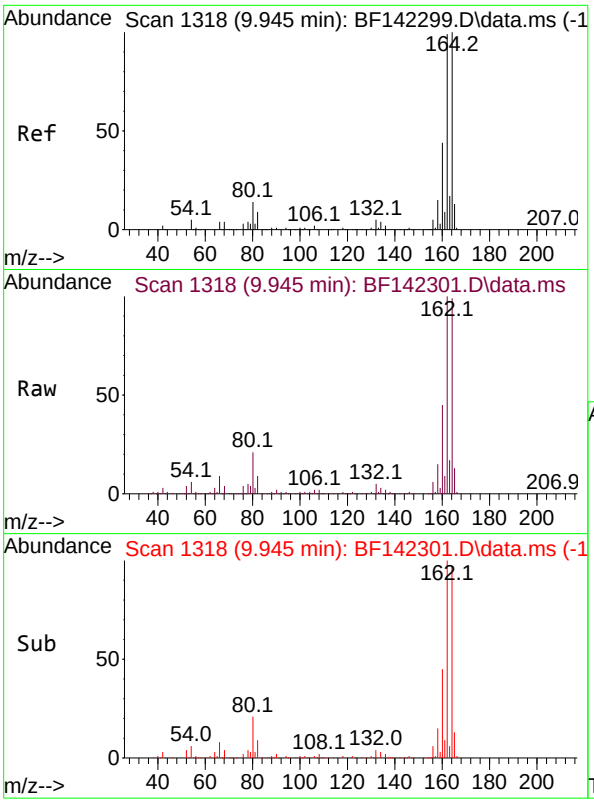


#38
1-Methylnaphthalene
Concen: 56.109 ng
RT: 9.004 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:142 Resp: 1363474

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.5	108.7

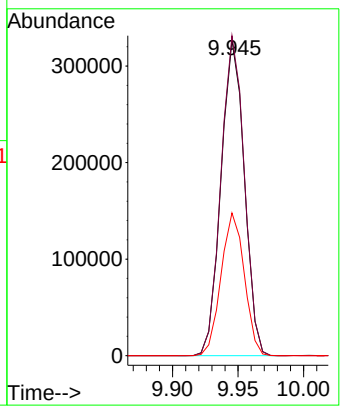




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:164 Resp: 40349

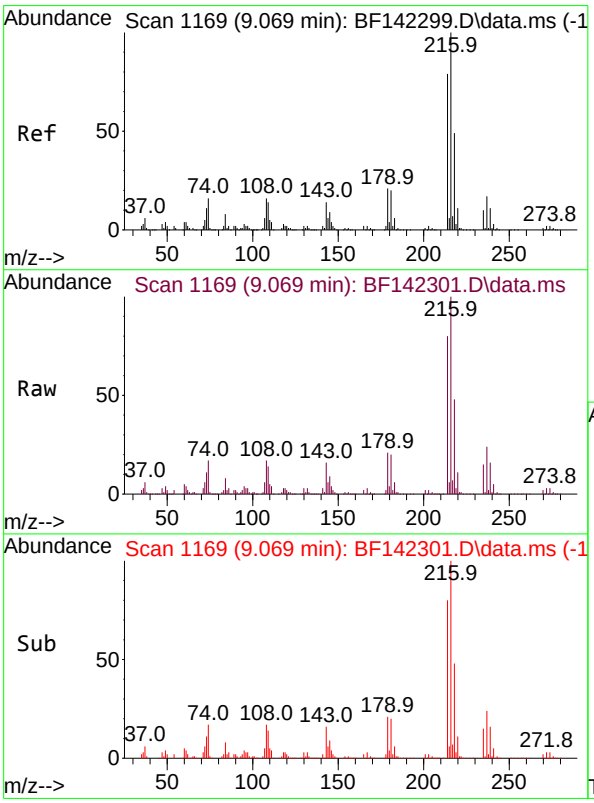
Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.2	118.8
160	45.2	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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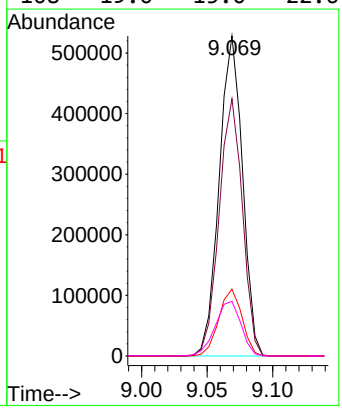
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

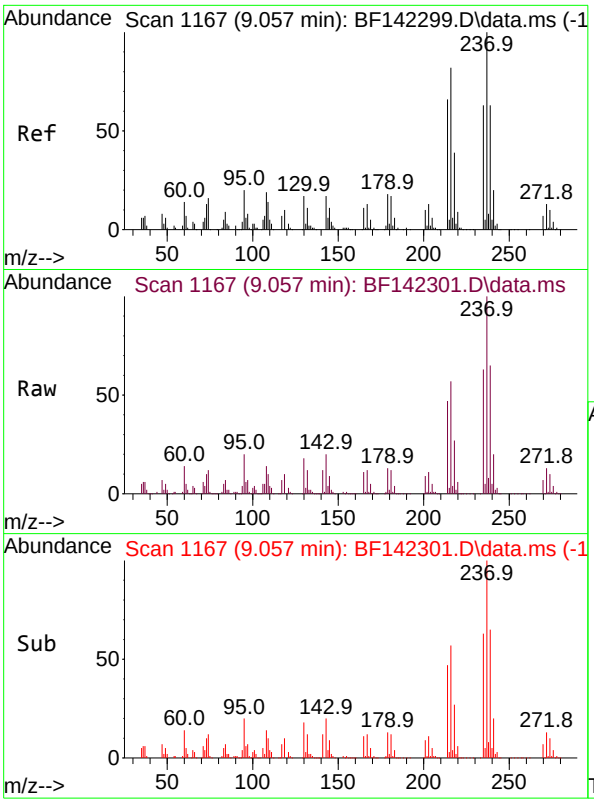


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.740 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

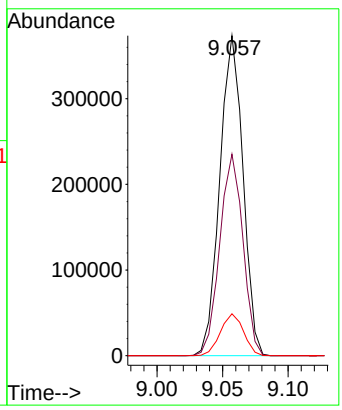
Tgt Ion:237 Resp: 45914

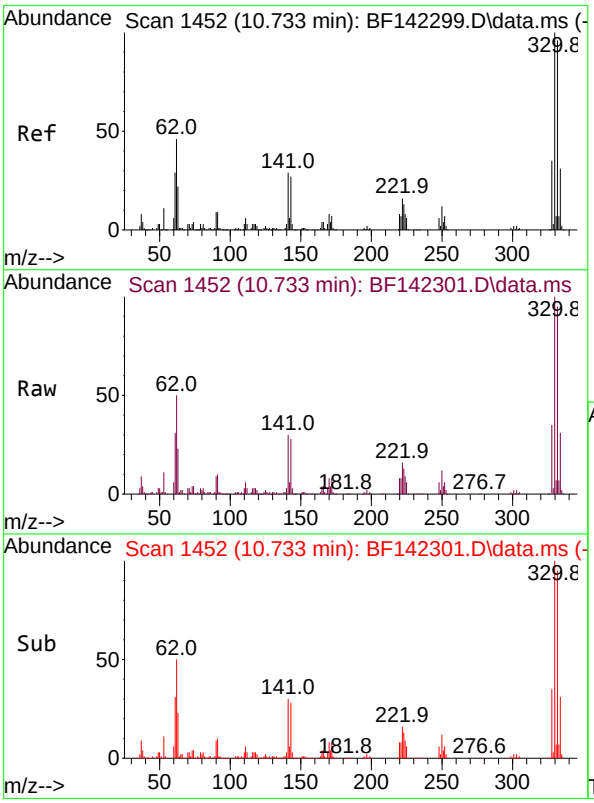
Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.8	82.8
272	13.1	0.0	33.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Rahul Chavli 05/06/2025
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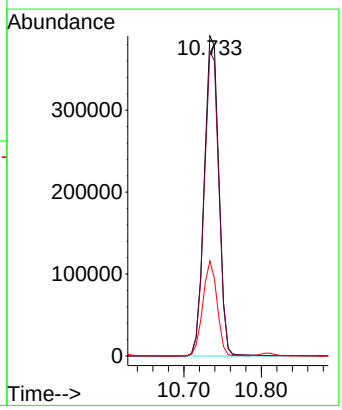


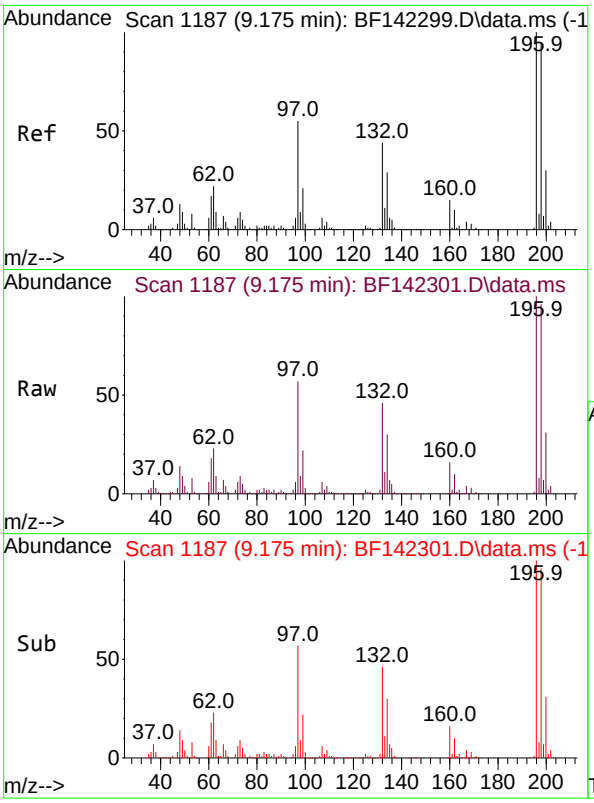


#42
2,4,6-Tribromophenol
Concen: 130.732 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

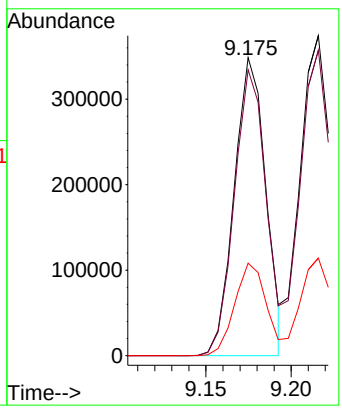




#43
2,4,6-Trichlorophenol
Concen: 63.143 ng
RT: 9.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:196 Resp: 44883

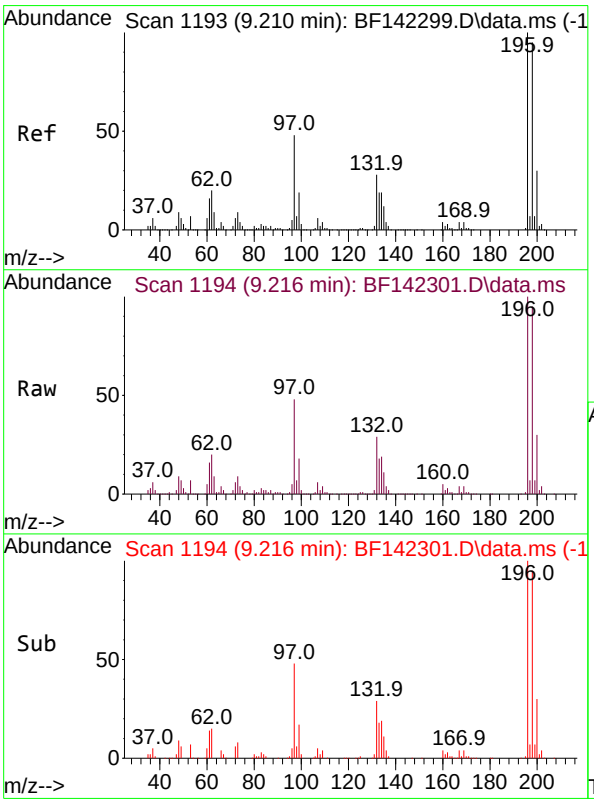
Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.4	113.0
200	31.0	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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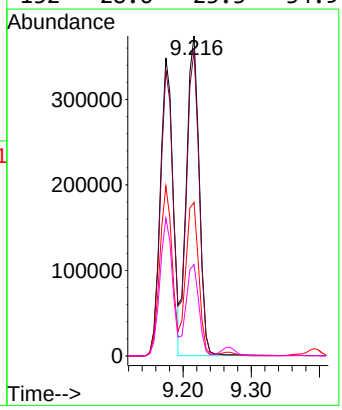
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

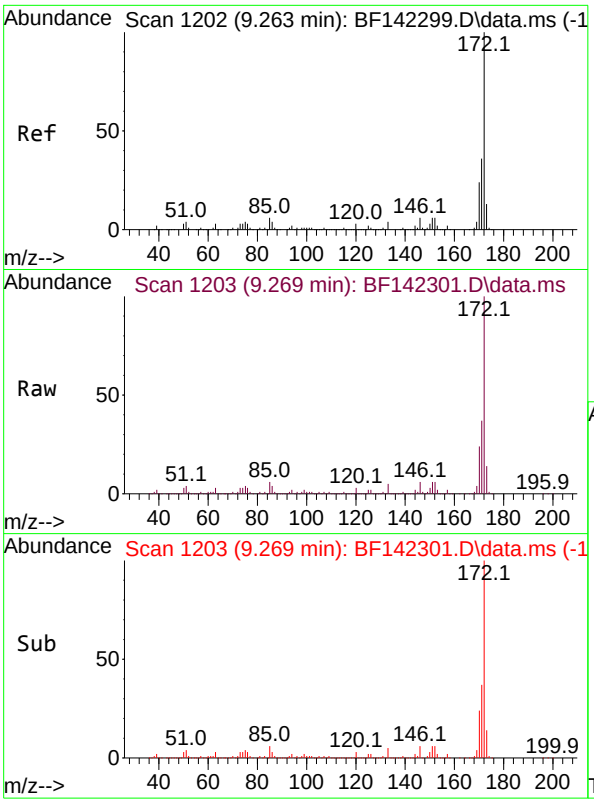


#44
2,4,5-Trichlorophenol
Concen: 63.505 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

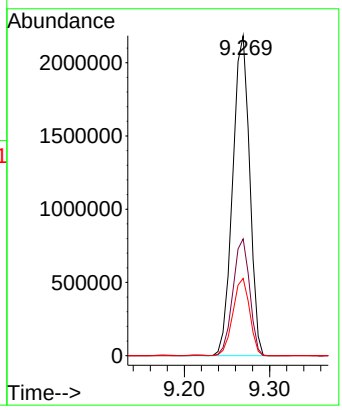




#45
2-Fluorobiphenyl
Concen: 106.576 ng
RT: 9.269 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:172 Resp: 301592

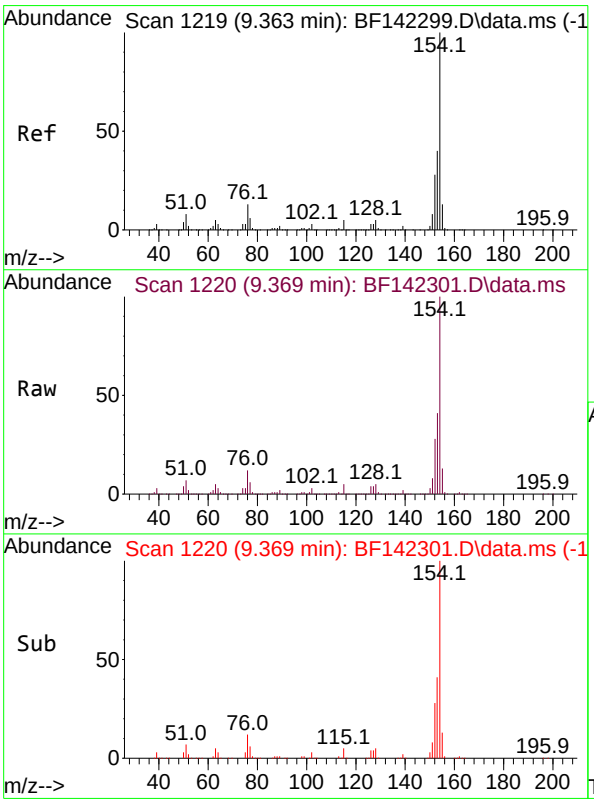
Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.2	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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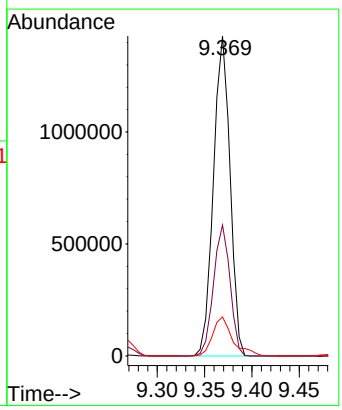
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

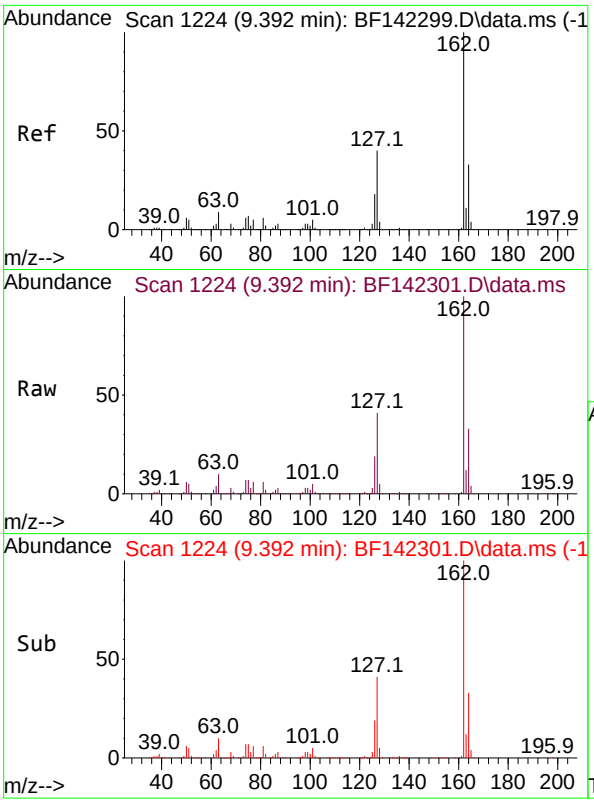


#46
1,1'-Biphenyl
Concen: 56.417 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

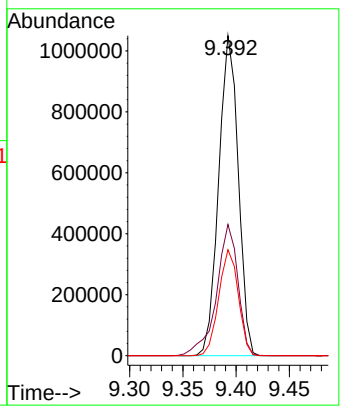




#47
2-Chloronaphthalene
Concen: 58.169 ng
RT: 9.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:162 Resp: 133833

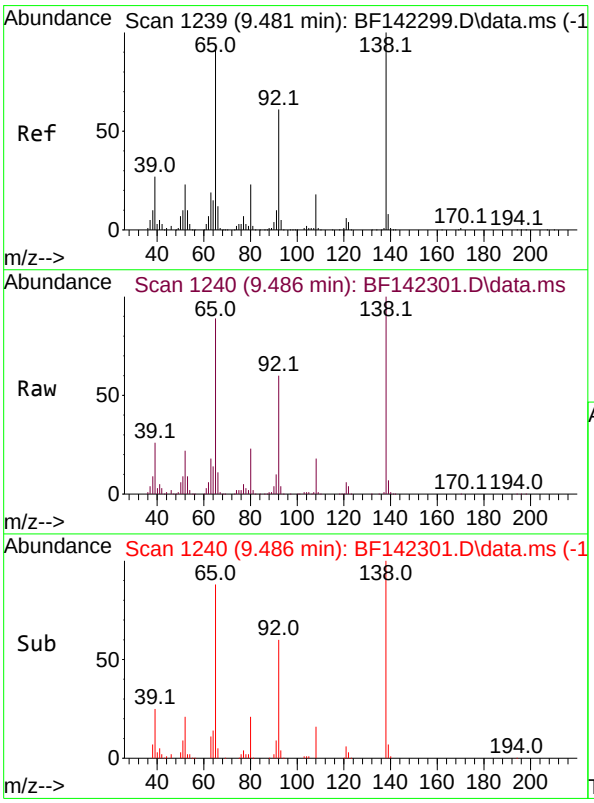
Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.3	48.5
164	33.1	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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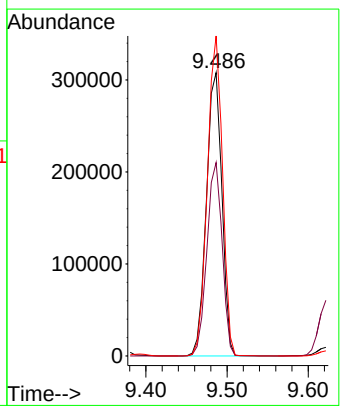
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

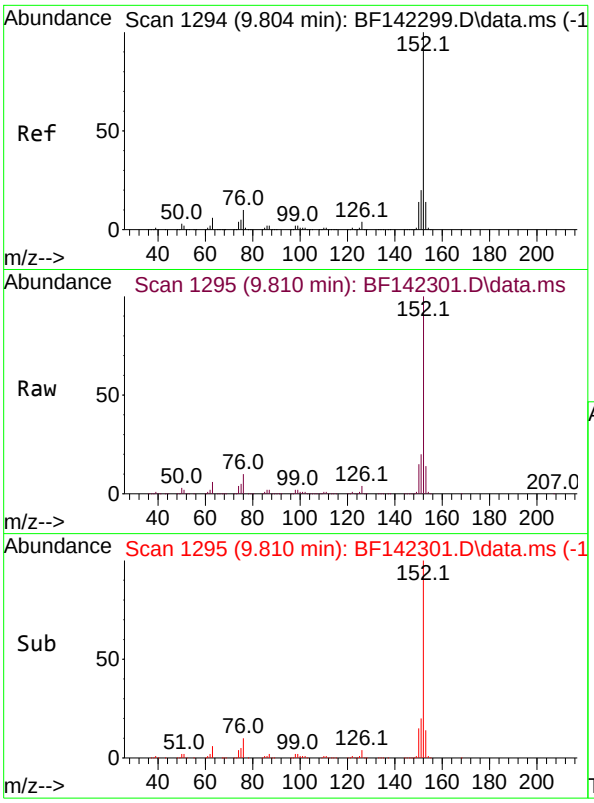


#48
2-Nitroaniline
Concen: 69.160 ng
RT: 9.486 min Scan# 1240
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

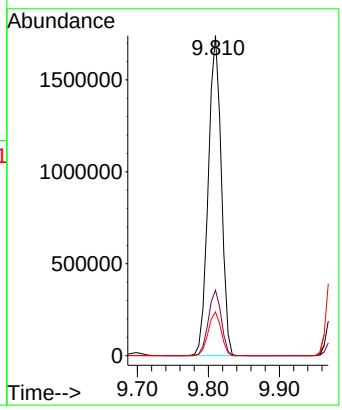




#49
Acenaphthylene
Concen: 57.569 ng
RT: 9.810 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:152 Resp: 221577

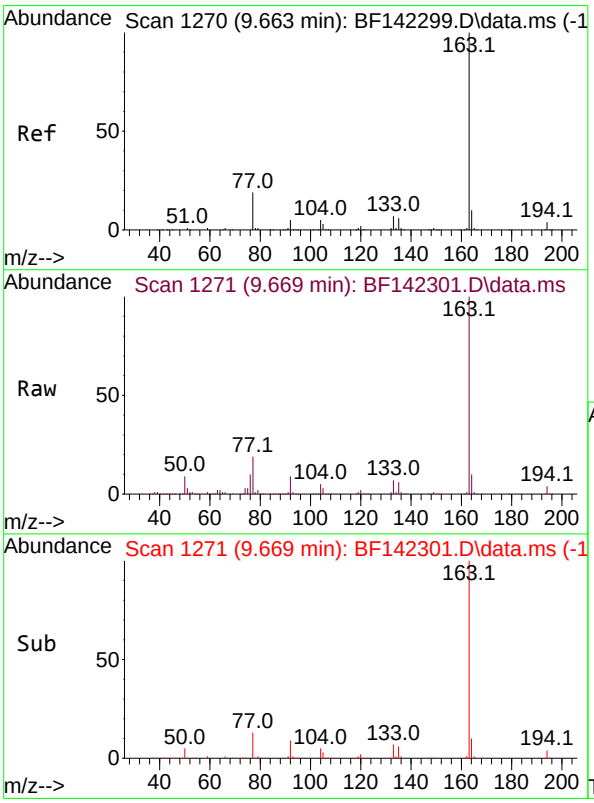
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	13.6	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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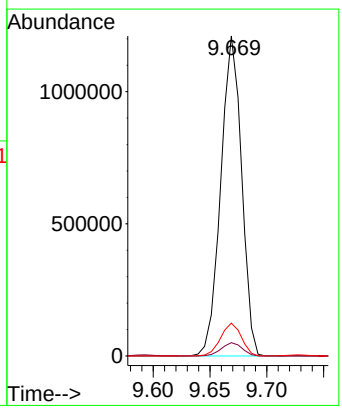
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

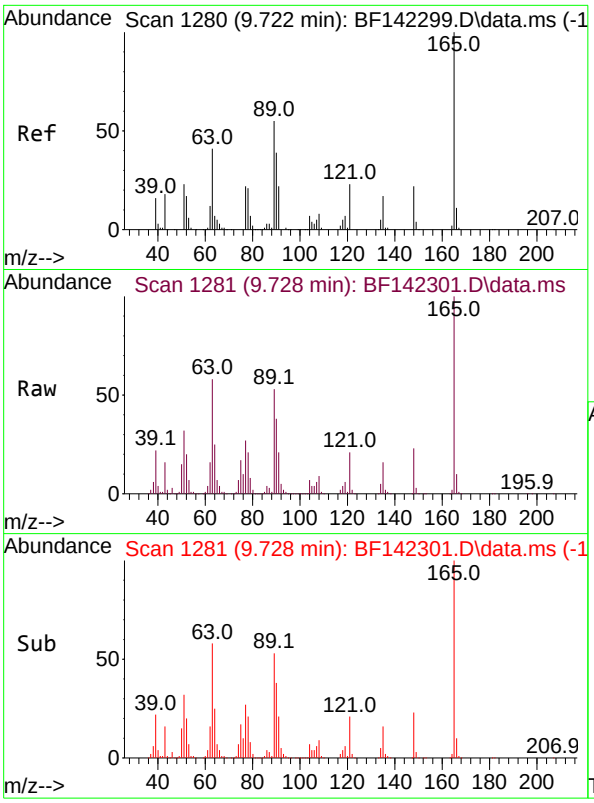


#50
Dimethylphthalate
Concen: 59.587 ng
RT: 9.669 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

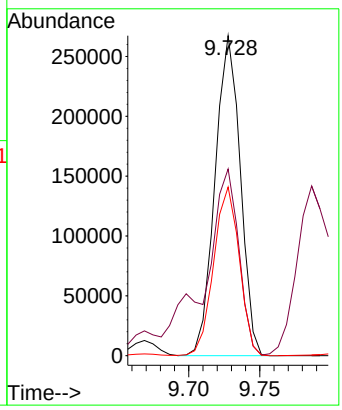
Tgt Ion:165 Resp: 330939

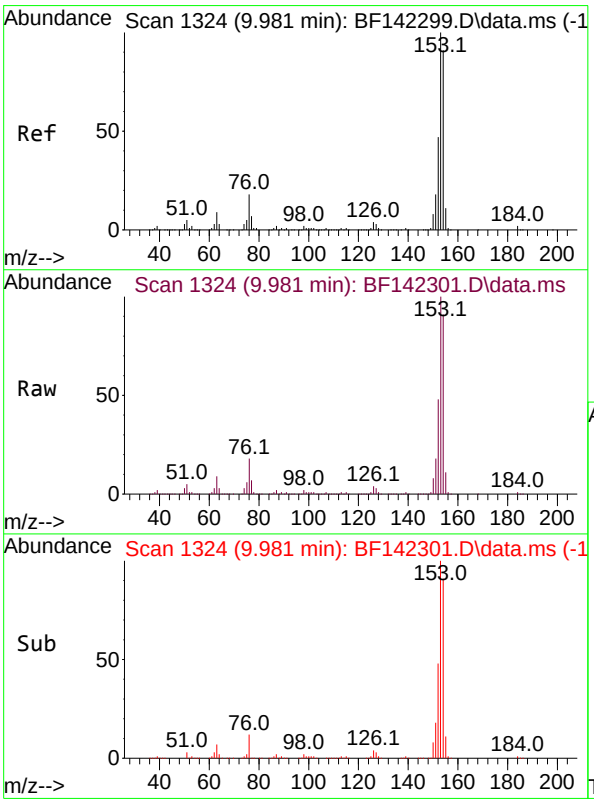
Ion	Ratio	Lower	Upper
165	100		
63	58.4	49.5	74.3
89	52.7	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

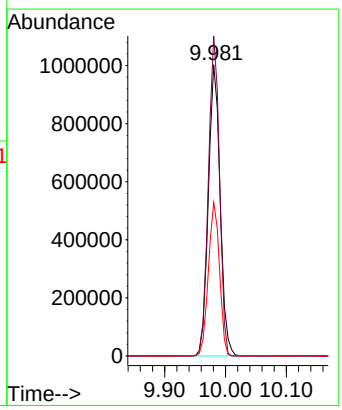


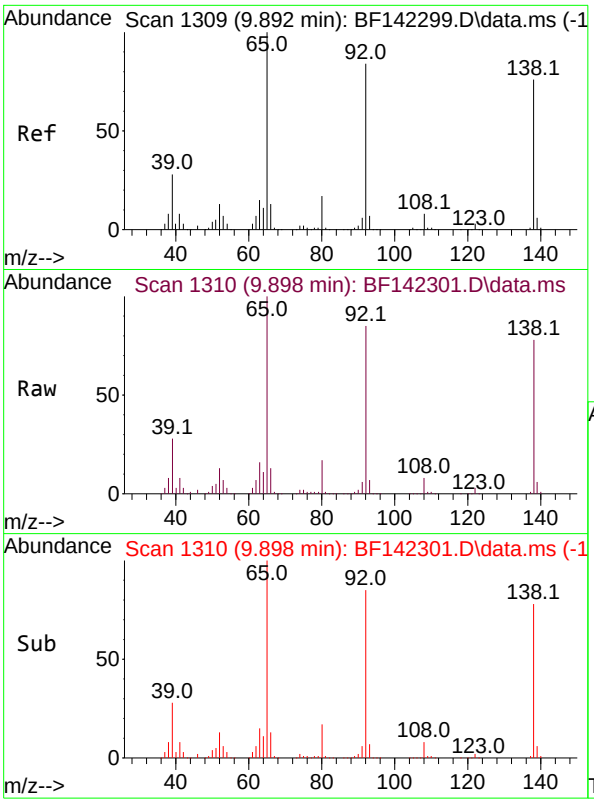


#52
Acenaphthene
Concen: 58.133 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

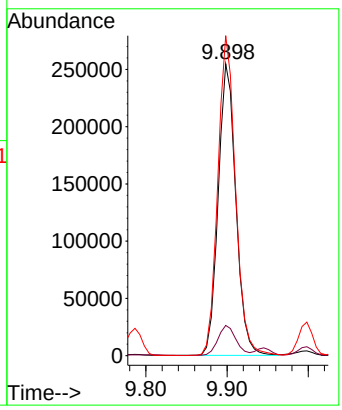
Tgt Ion:138 Resp: 38556

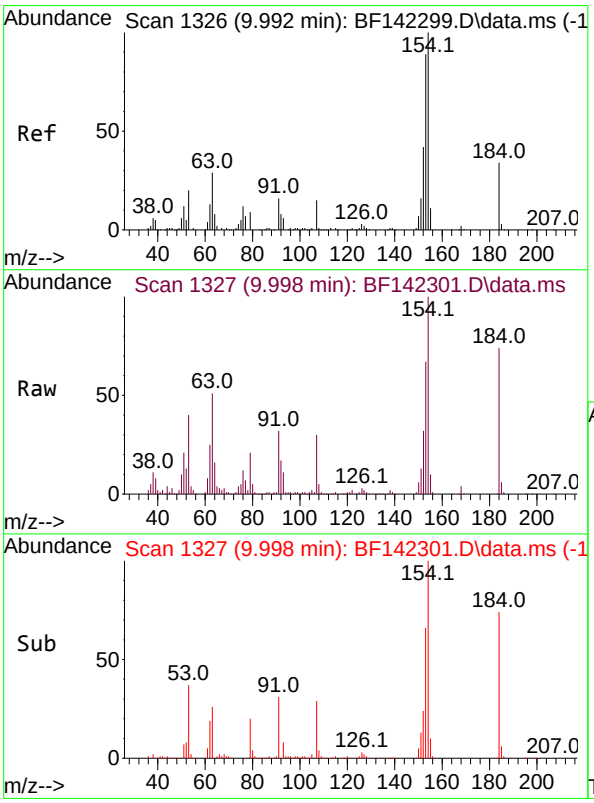
Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	109.6	89.5	134.3

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

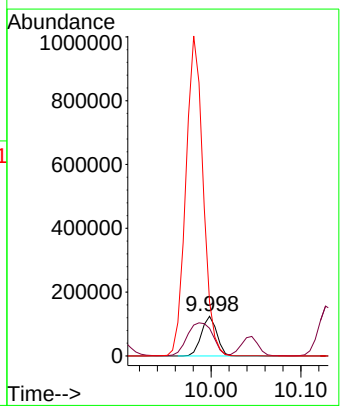


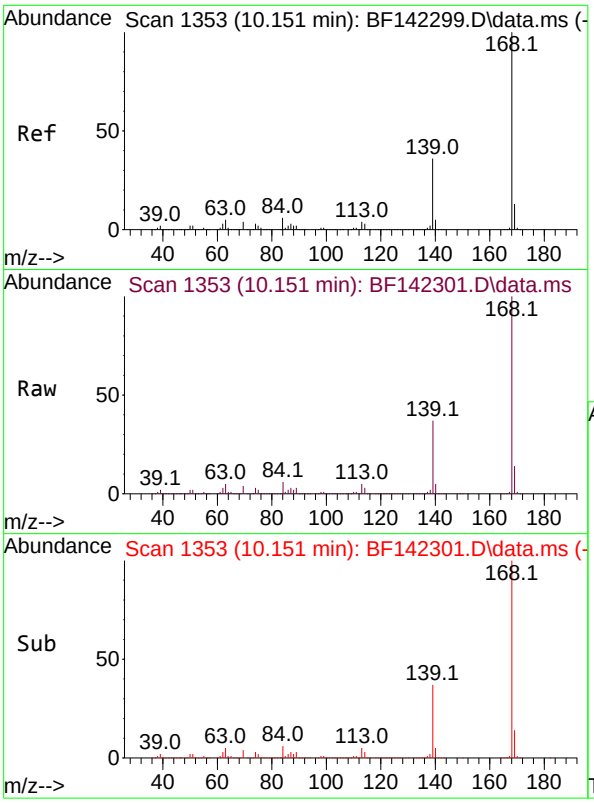


#54
2,4-Dinitrophenol
Concen: 61.014 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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#

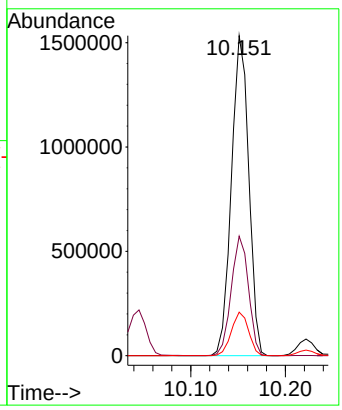




#55
Dibenzofuran
Concen: 57.013 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:168 Resp: 194724

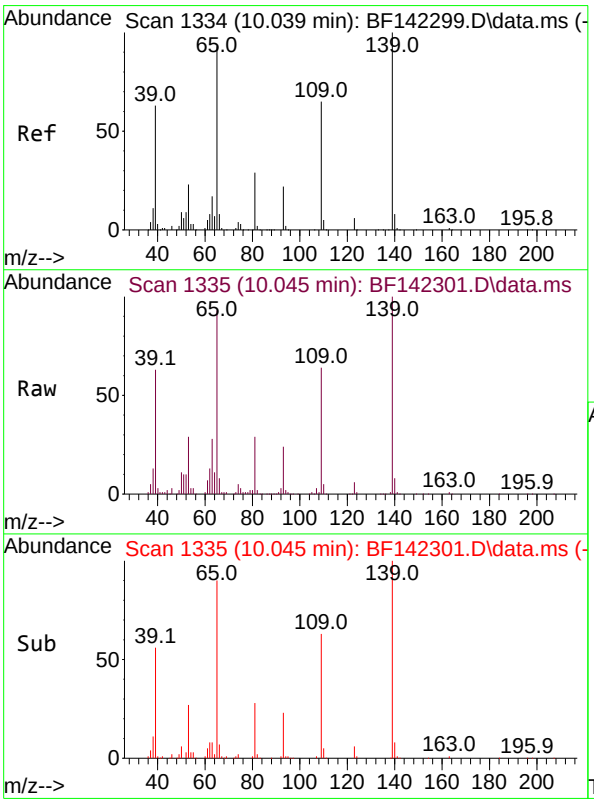
Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.0	43.4
169	13.6	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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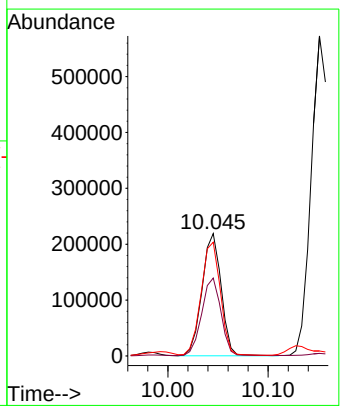
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

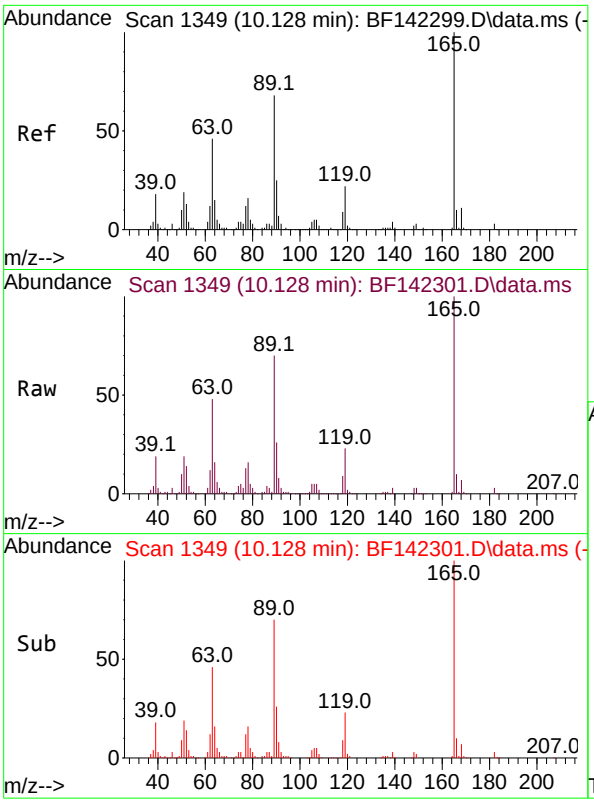


#56
4-Nitrophenol
Concen: 67.801 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

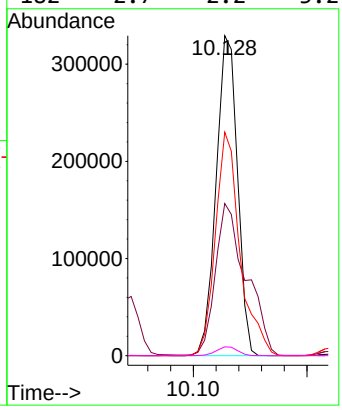




#57
2,4-Dinitrotoluene
Concen: 69.171 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:165 Resp: 43031

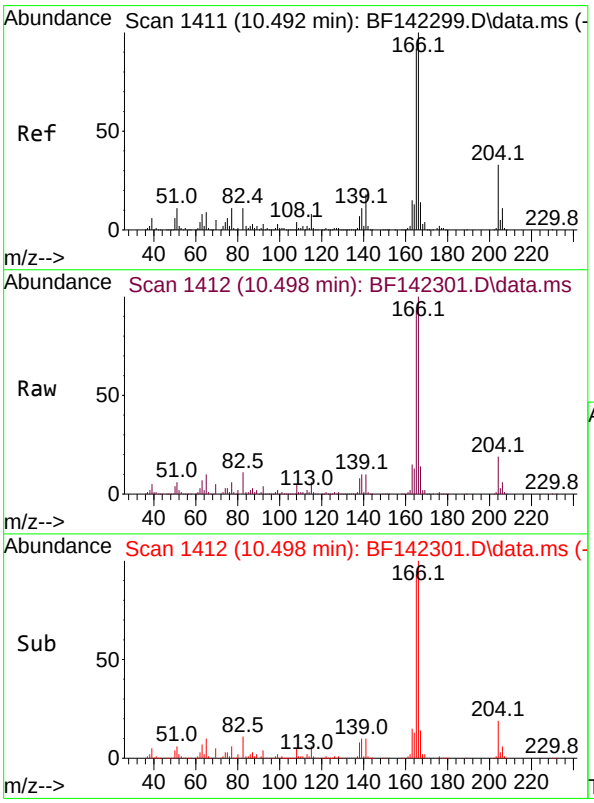
Ion	Ratio	Lower	Upper
165	100		
63	47.6	37.1	55.7
89	69.8	54.4	81.6
182	2.7	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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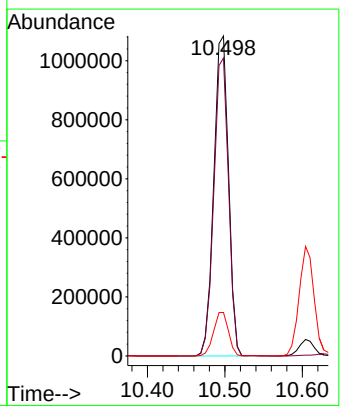
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

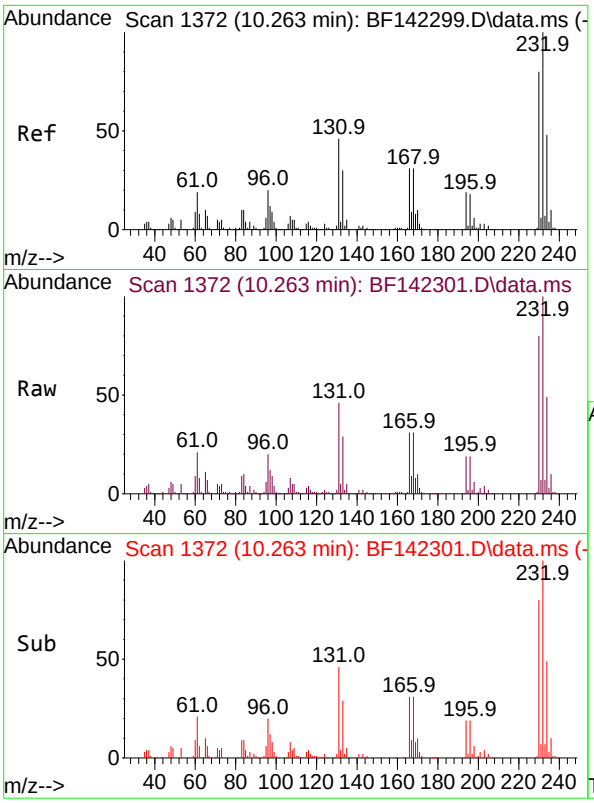


#58
Fluorene
Concen: 54.944 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

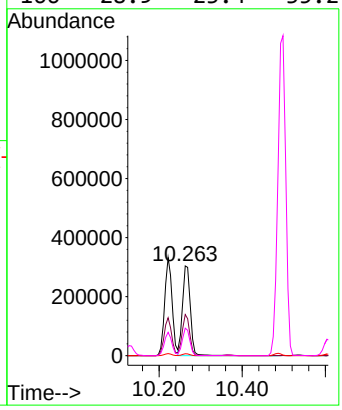




#59
2,3,4,6-Tetrachlorophenol
Concen: 63.842 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:232 Resp: 39860

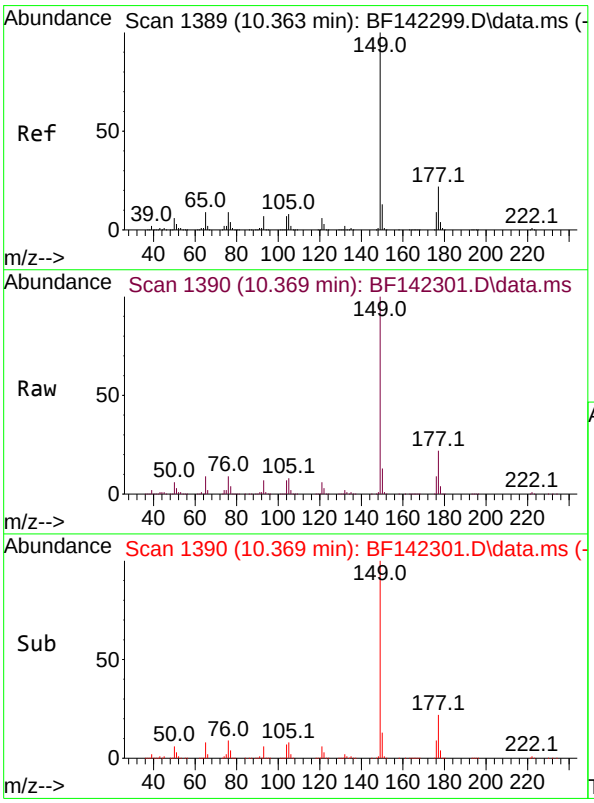
Ion	Ratio	Lower	Upper
232	100		
131	43.2	36.0	54.0
130	2.0	1.8	2.6
166	28.9	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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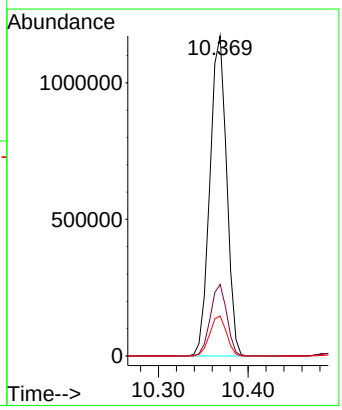
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

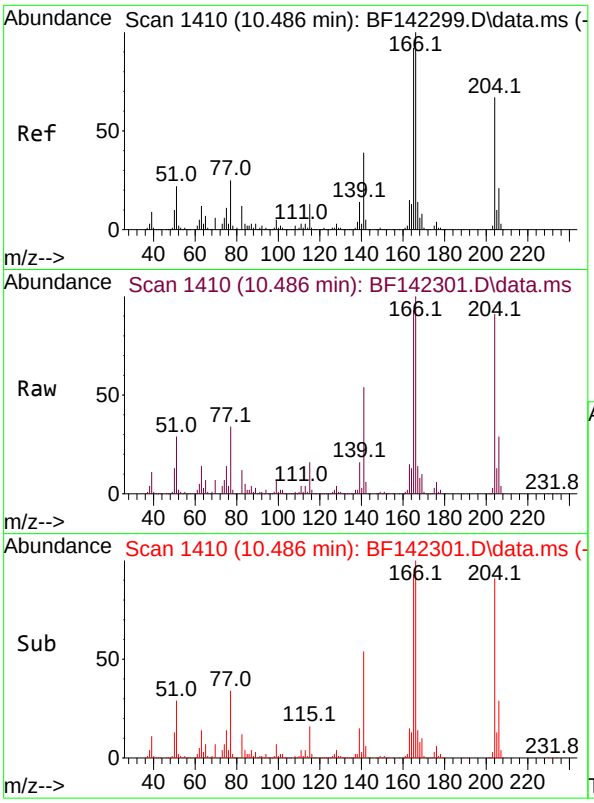


#60
Diethylphthalate
Concen: 58.568 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

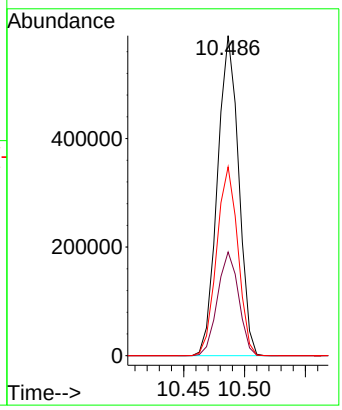
Tgt Ion:204 Resp: 71404

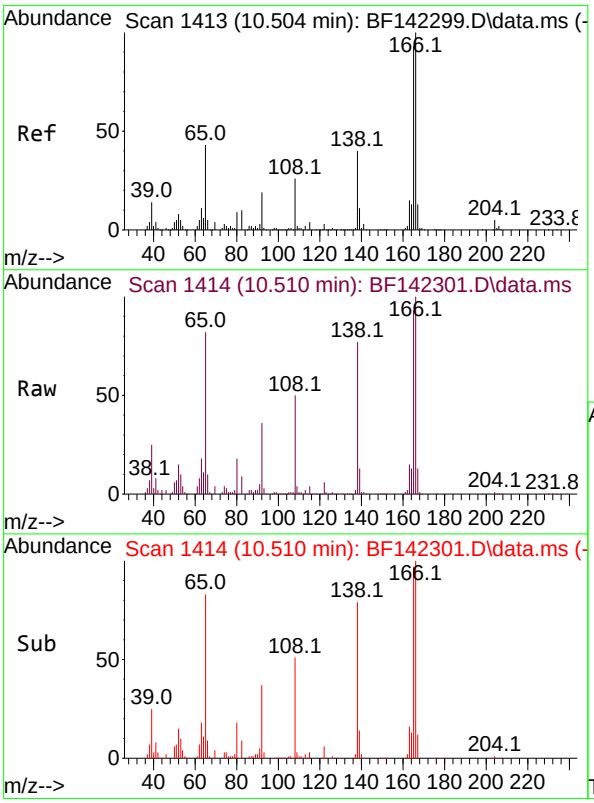
Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.5	38.3
141	59.0	46.4	69.6

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

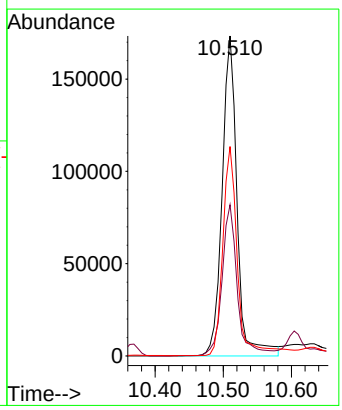


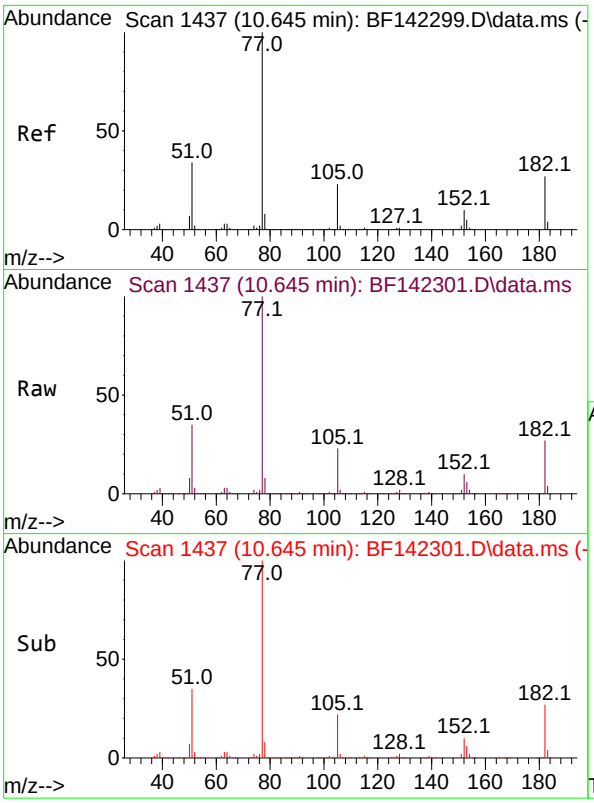


#62
4-Nitroaniline
Concen: 58.823 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

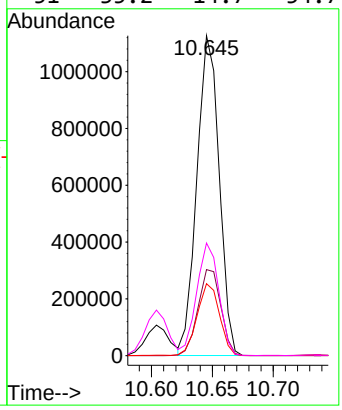




#63
Azobenzene
Concen: 58.009 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 77 Resp: 143429

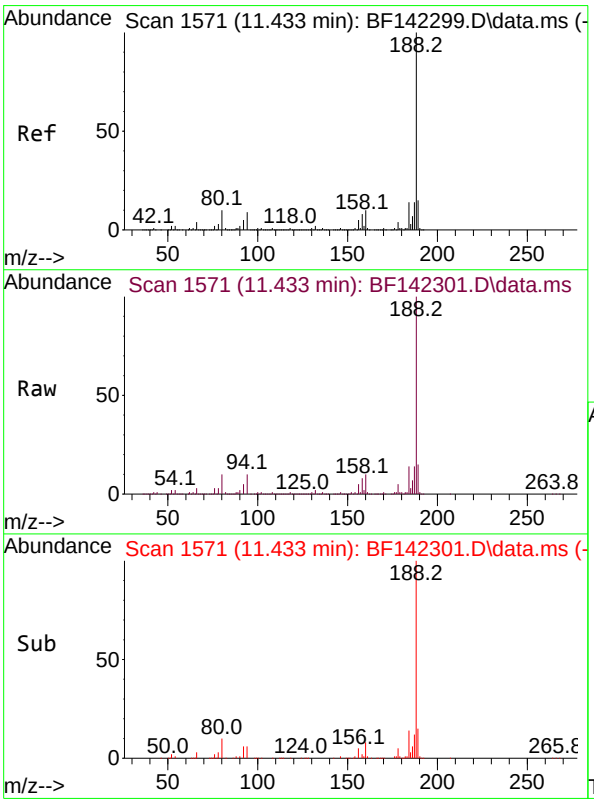
Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.9	46.9
105	22.5	2.7	42.7
51	35.2	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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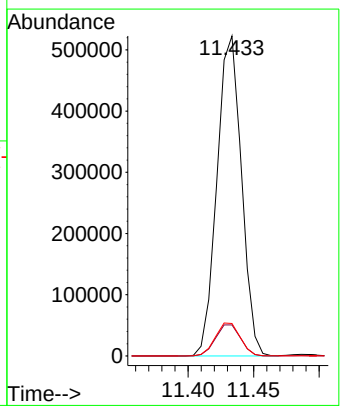
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

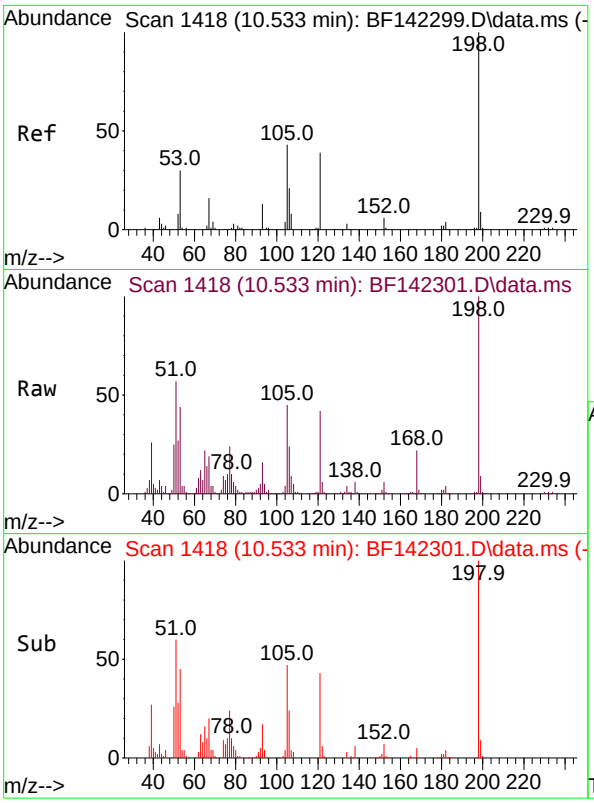


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

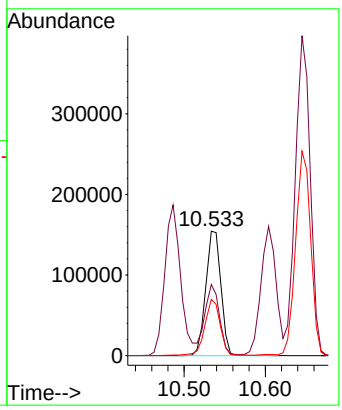
Tgt Ion:198 Resp: 19954

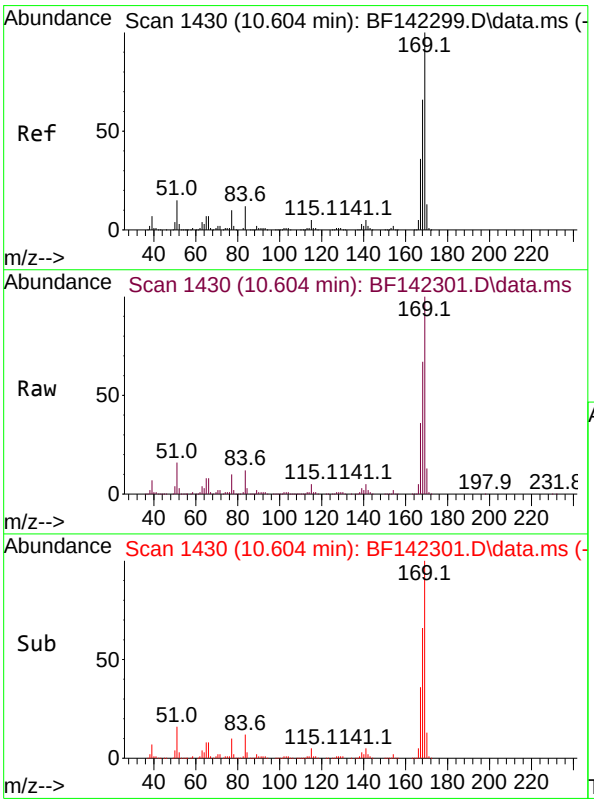
Ion	Ratio	Lower	Upper
198	100		
51	57.2	32.9	72.9
105	45.3	23.7	63.7

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

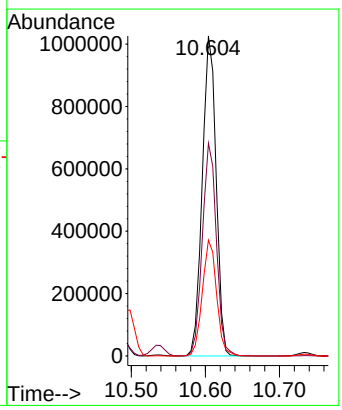


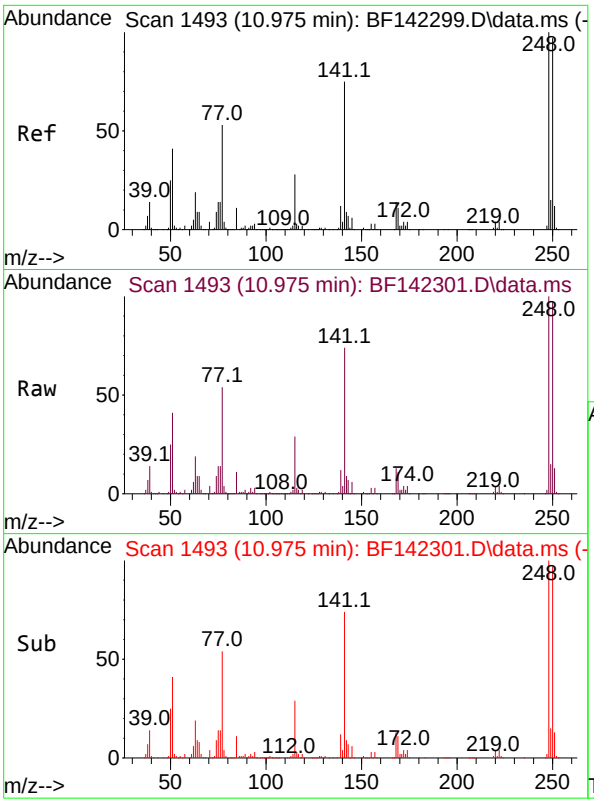


#66
n-Nitrosodiphenylamine
Concen: 58.927 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

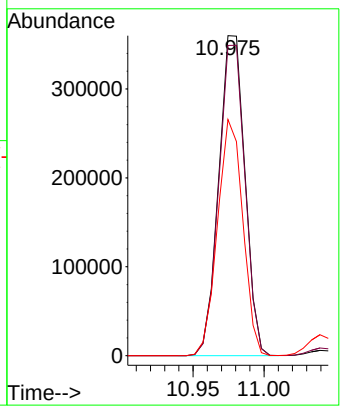
Tgt Ion:248 Resp: 46189

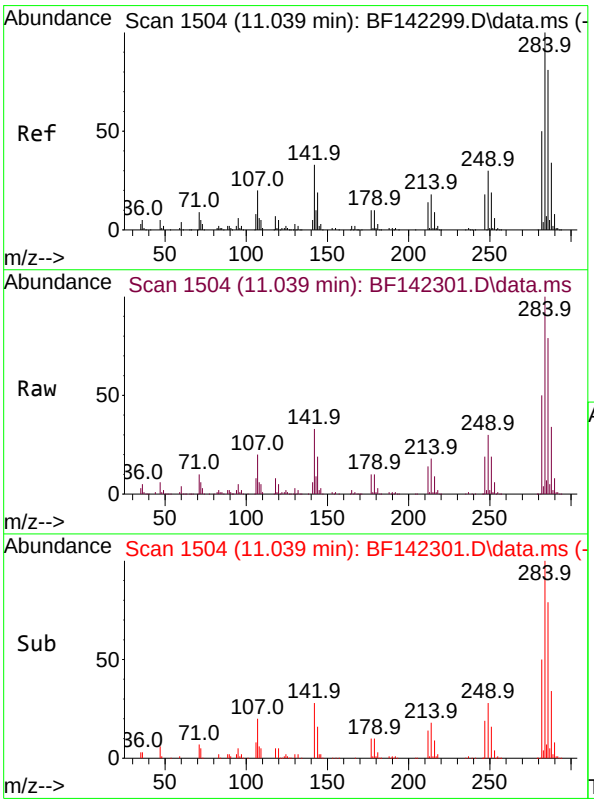
Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.9	116.9
141	73.8	59.8	89.8

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

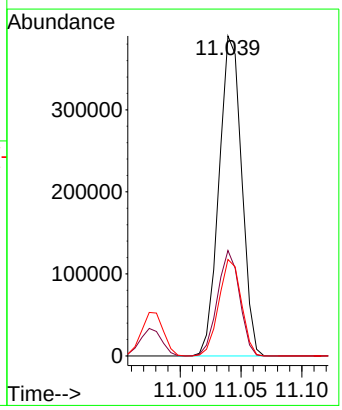


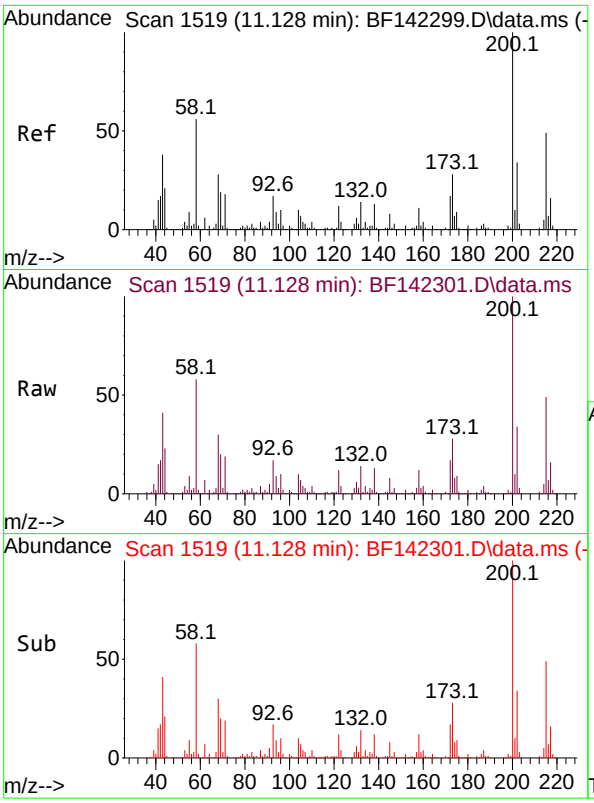


#68
Hexachlorobenzene
Concen: 59.625 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

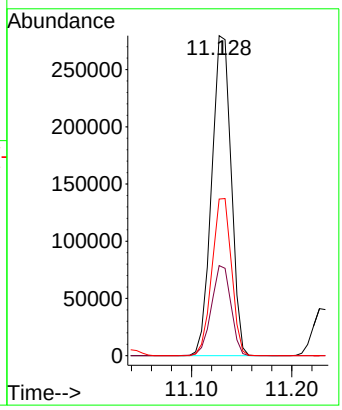




#69
Atrazine
Concen: 63.169 ng
RT: 11.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:200 Resp: 37607

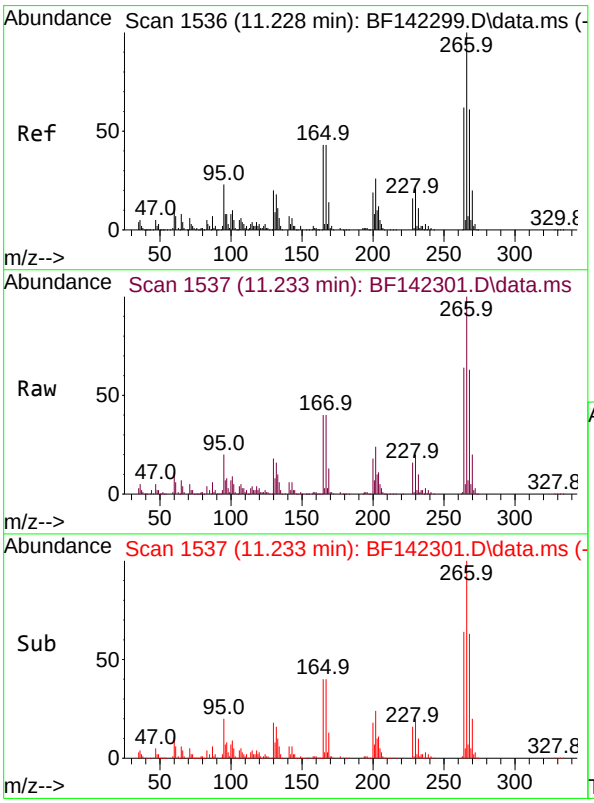
Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.1	48.1
215	48.9	28.8	68.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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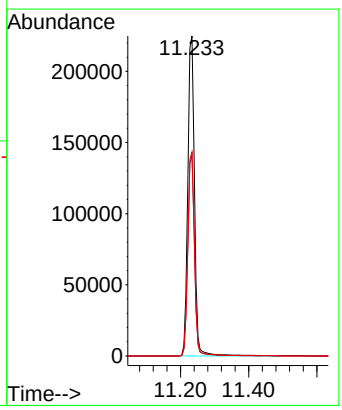
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

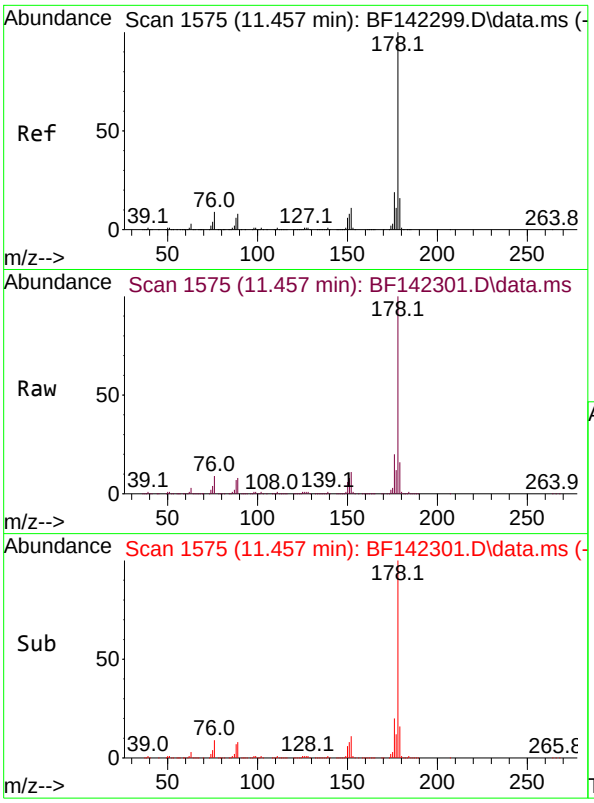


#70
Pentachlorophenol
Concen: 68.419 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

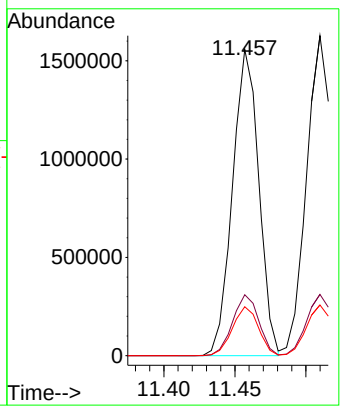




#71
Phenanthrene
Concen: 56.475 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:178 Resp: 200915

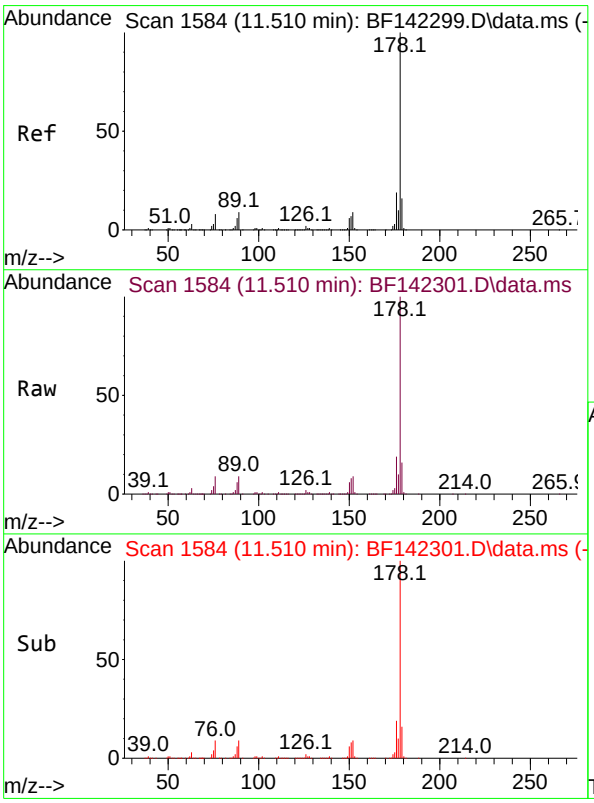
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	16.0	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

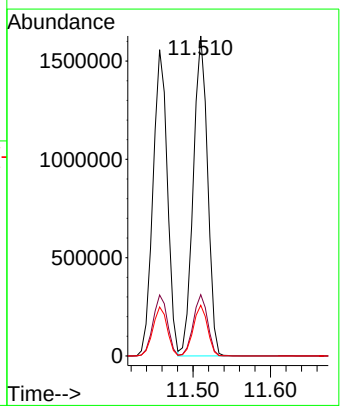
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

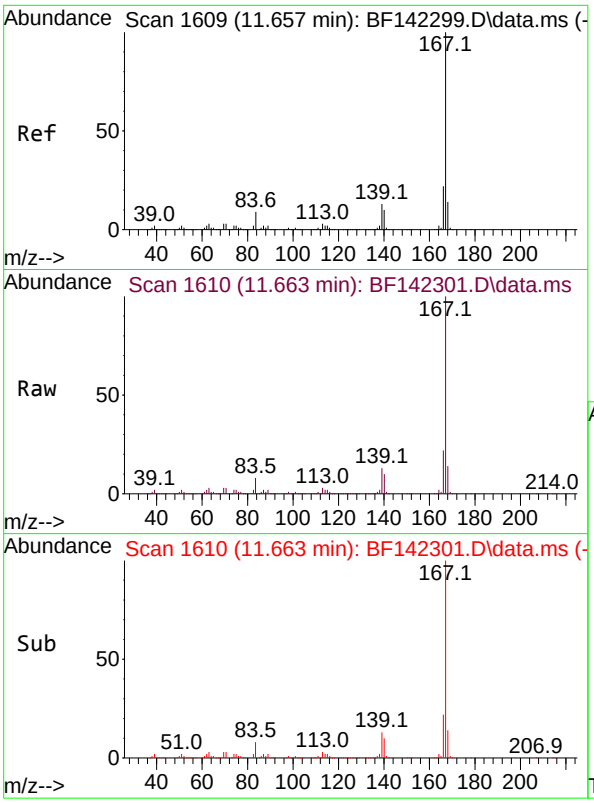


#72
Anthracene
Concen: 56.980 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

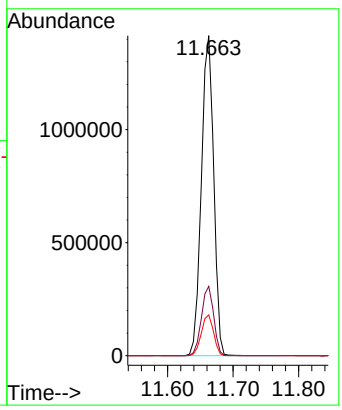




#73
Carbazole
Concen: 56.538 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:167 Resp: 185418

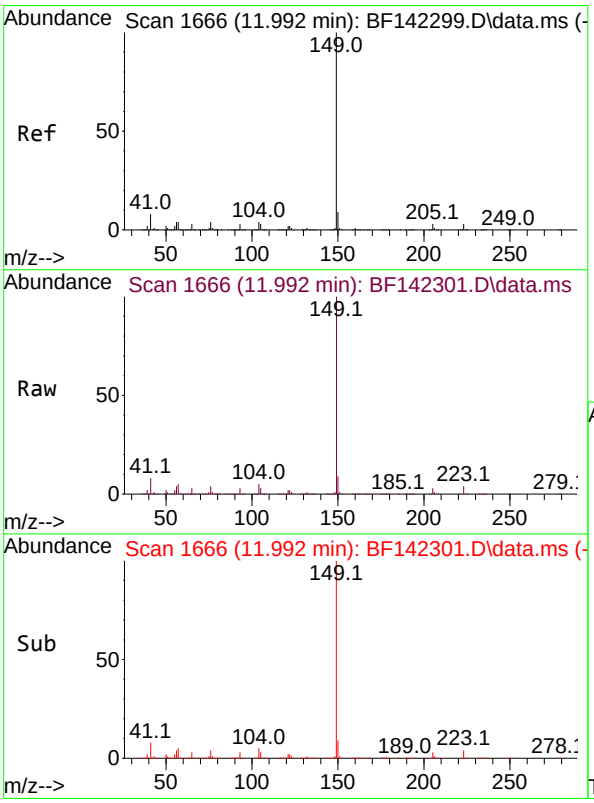
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	12.8	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

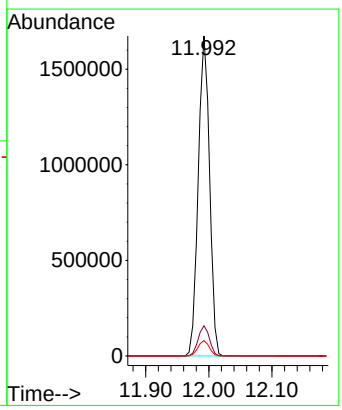
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

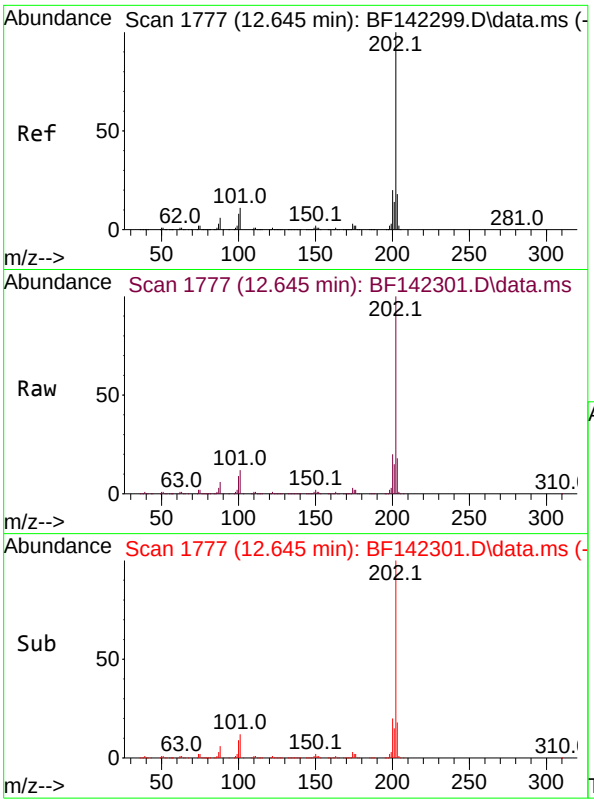


#74
Di-n-butylphthalate
Concen: 60.137 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

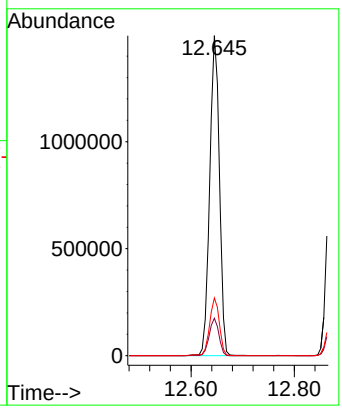




#75
Fluoranthene
Concen: 54.742 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:202 Resp: 194677

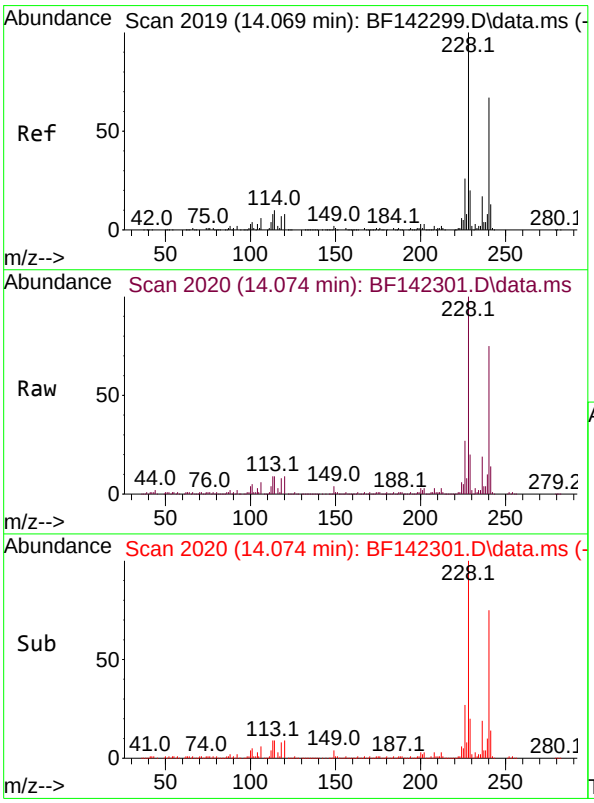
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.4
203	18.0	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

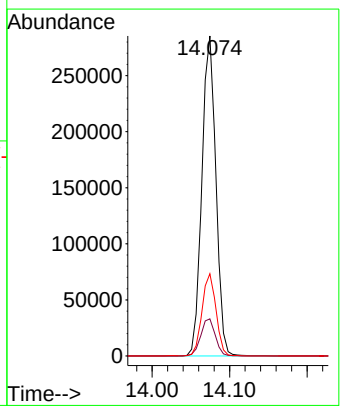
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

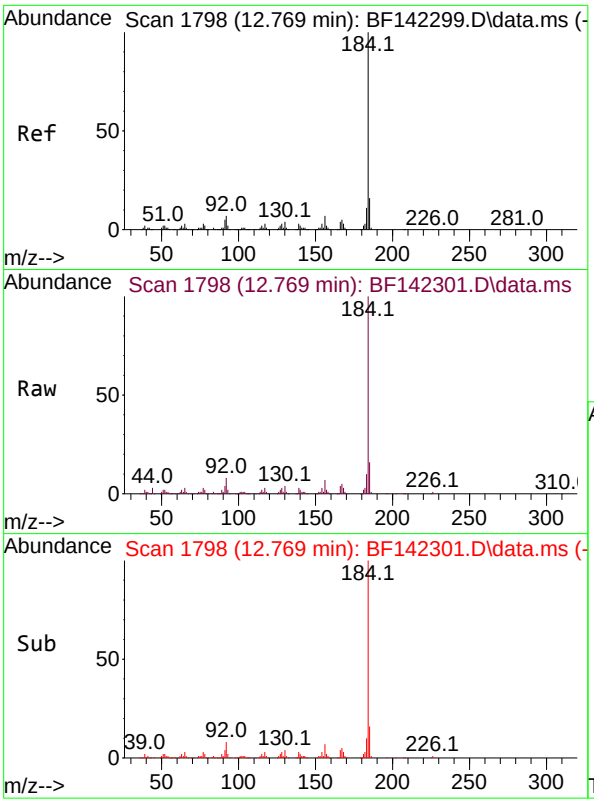


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

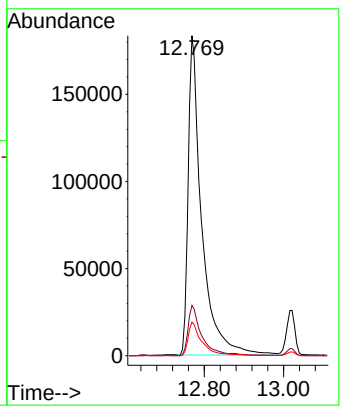




#77
Benzidine
Concen: 66.599 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:184 Resp: 43406

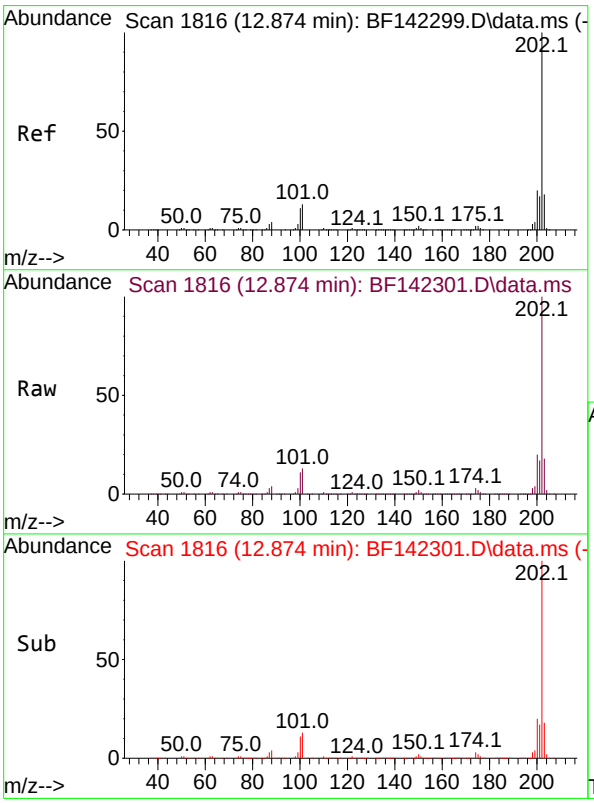
Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	10.5	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

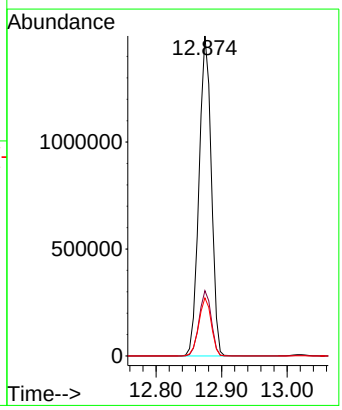
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

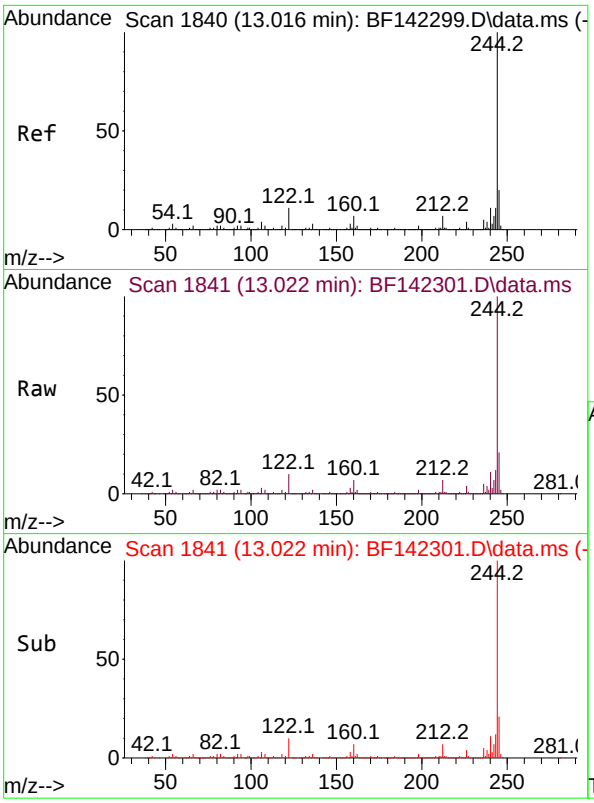


#78
Pyrene
Concen: 61.239 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

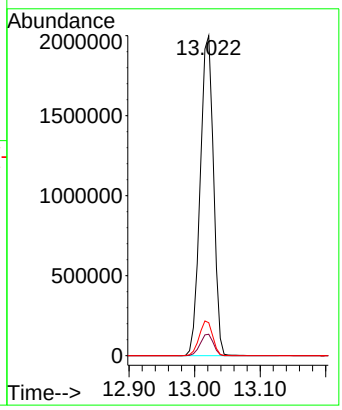




#79
Terphenyl-d14
Concen: 116.709 ng
RT: 13.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:244 Resp: 282794

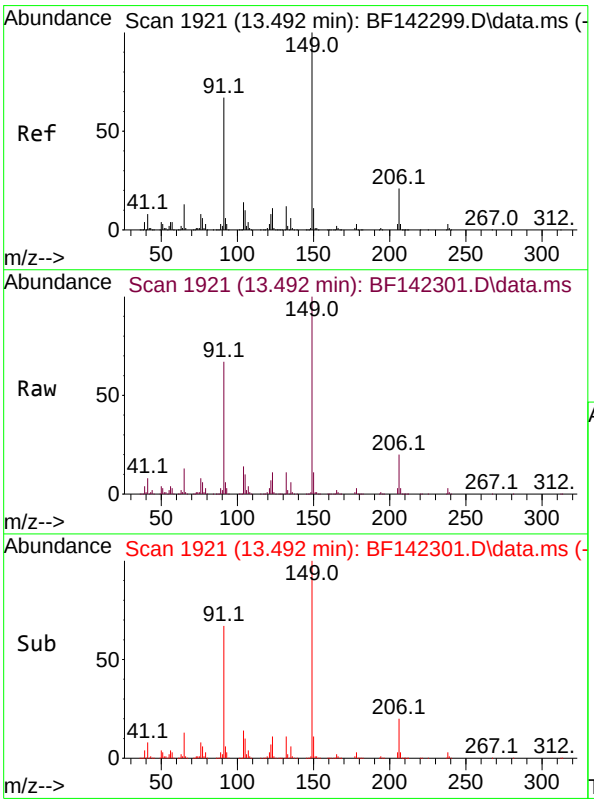
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.3	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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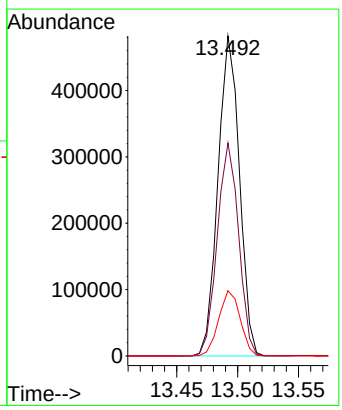
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

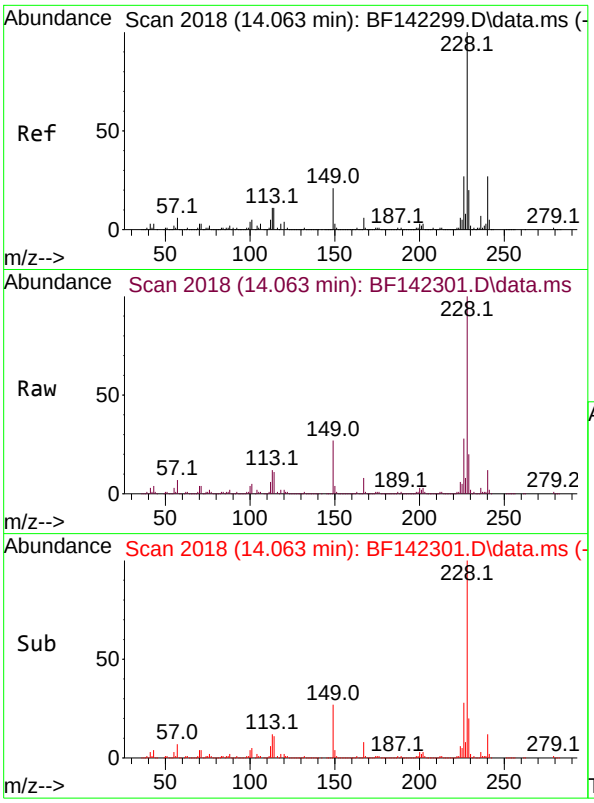


#80
Butylbenzylphthalate
Concen: 62.274 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

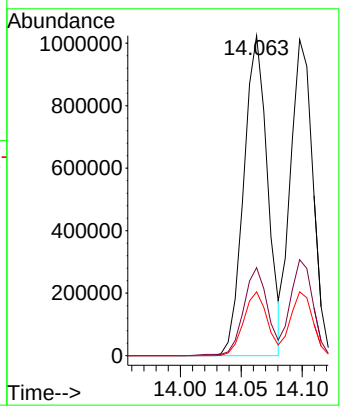
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

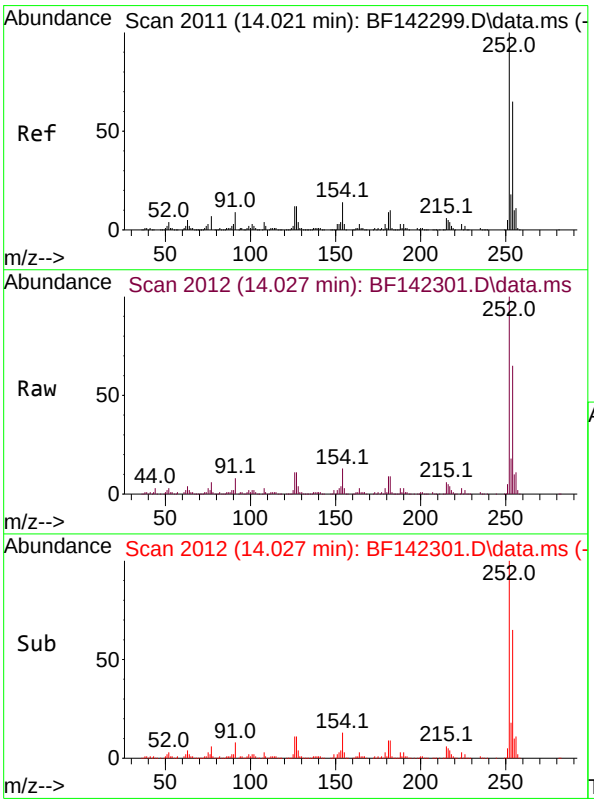
Tgt Ion:228 Resp: 139456

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.5	32.3
229	20.0	15.9	23.9

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

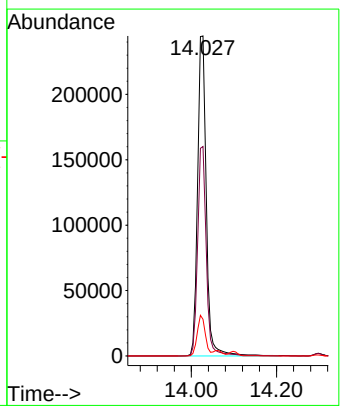


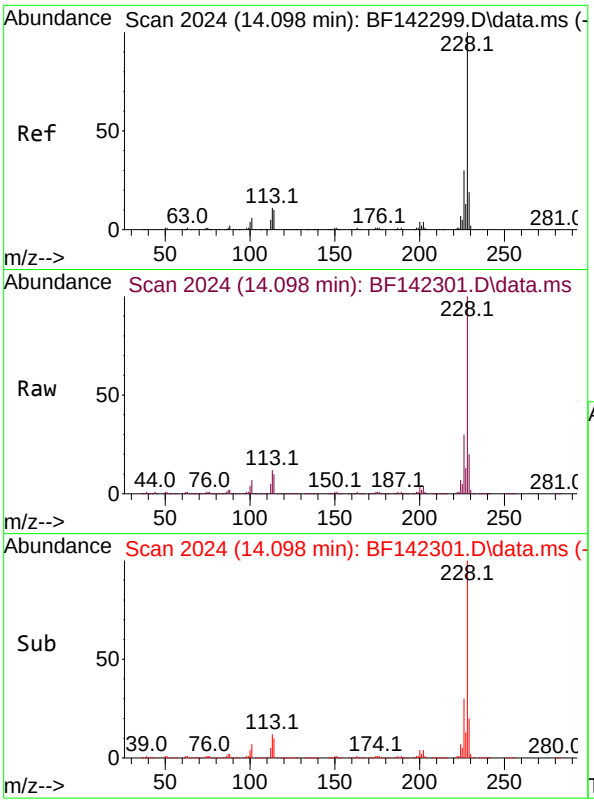


#82
3,3'-Dichlorobenzidine
Concen: 64.332 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

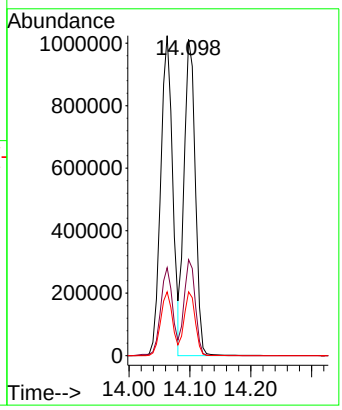
Tgt Ion:228 Resp: 129380

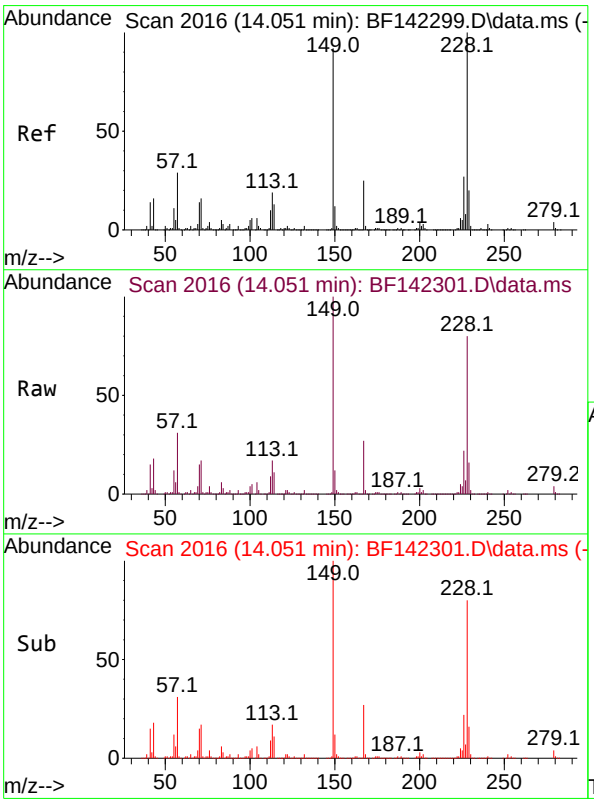
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	20.2	15.4	23.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

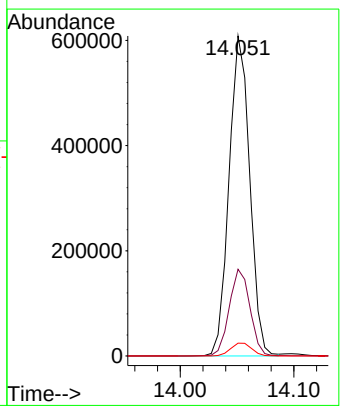


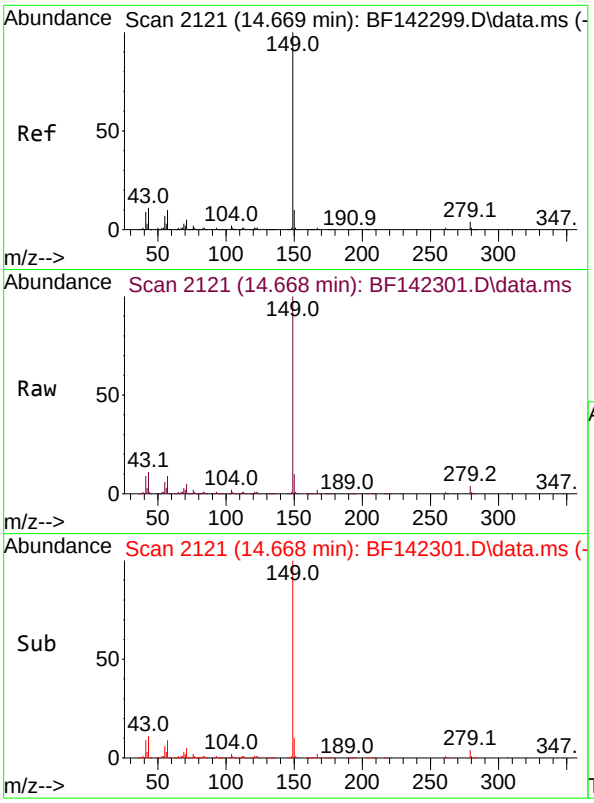


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.098 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

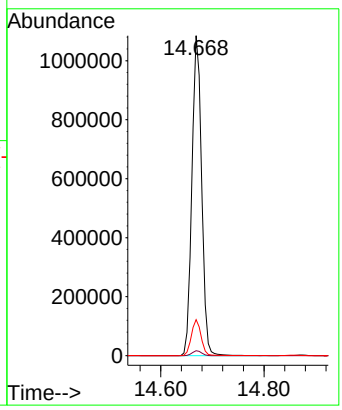
Tgt Ion:149 Resp: 141499

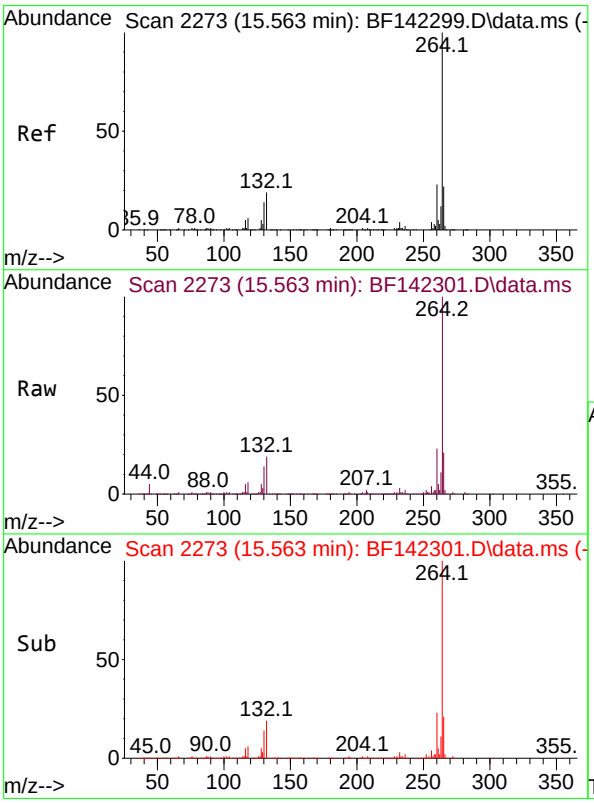
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.3	9.2	13.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

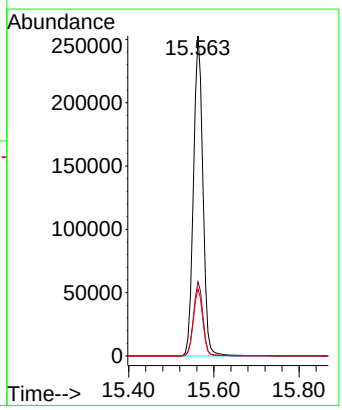


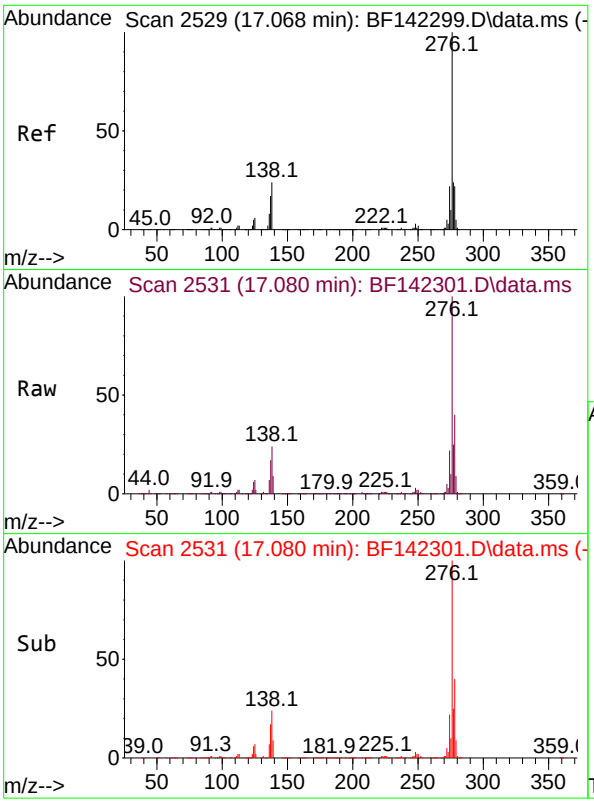


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

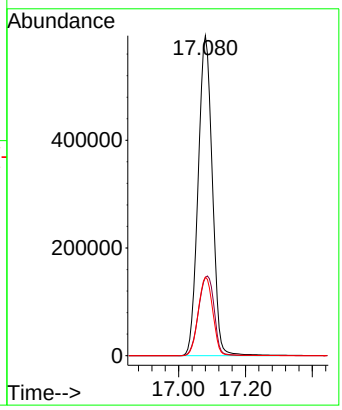




#87
Indeno(1,2,3-cd)pyrene
Concen: 64.842 ng
RT: 17.080 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:276 Resp: 174996

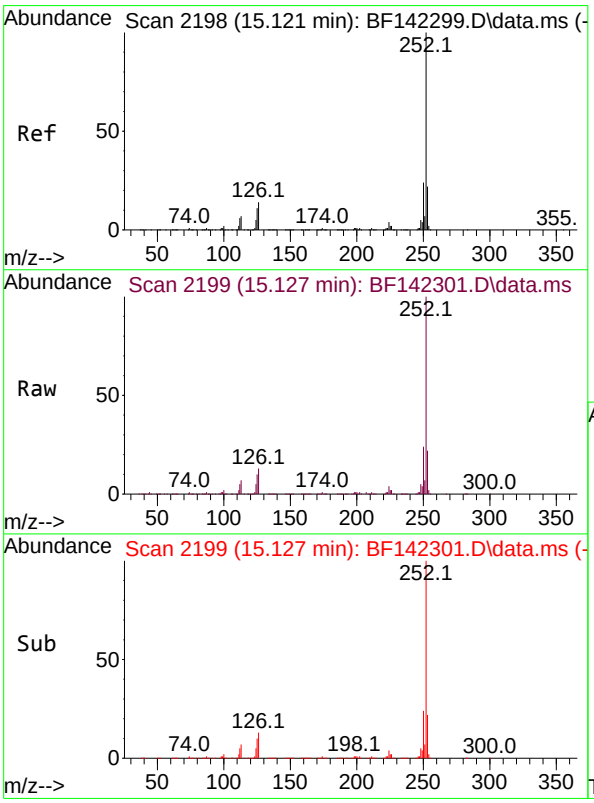
Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.0	33.0
277	25.3	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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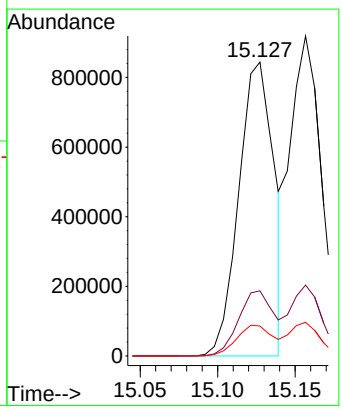
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

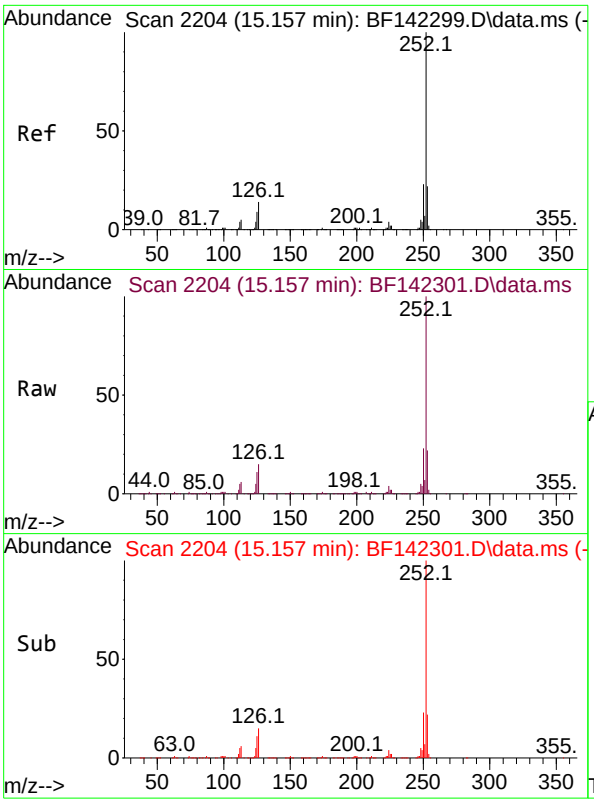


#88
Benzo(b)fluoranthene
Concen: 56.551 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

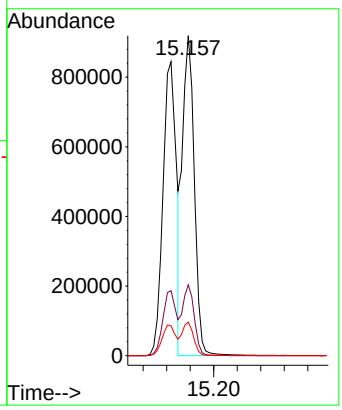




#89
Benzo(k)fluoranthene
Concen: 60.288 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:252 Resp: 129637

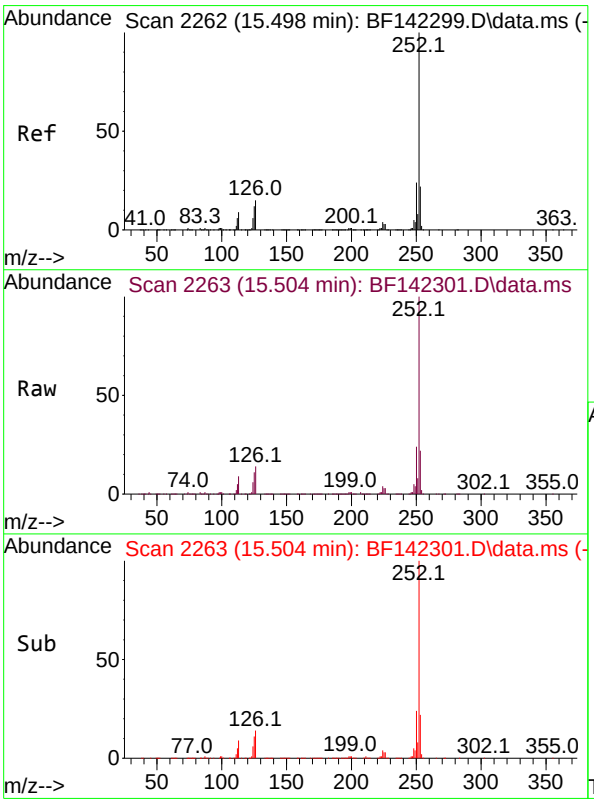
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.5	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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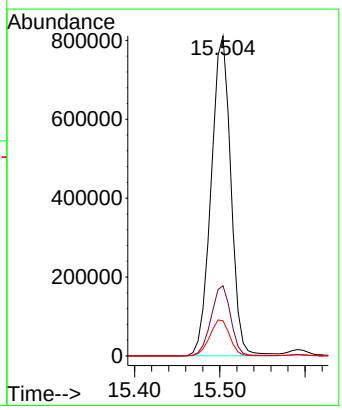
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

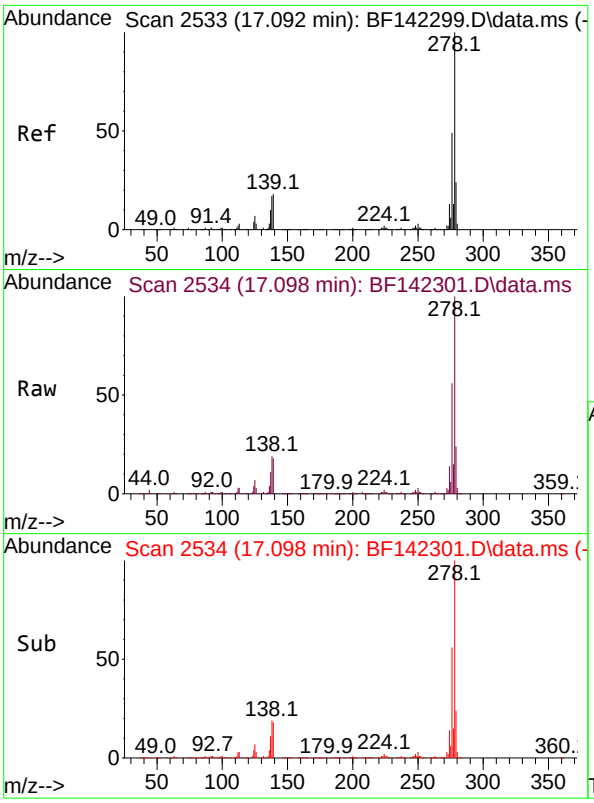


#90
Benzo(a)pyrene
Concen: 61.838 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

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

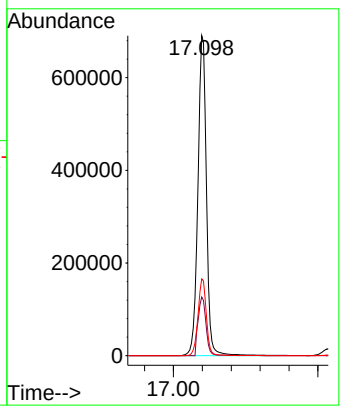




#91
Dibenzo(a,h)anthracene
Concen: 63.902 ng
RT: 17.098 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:278 Resp: 142478

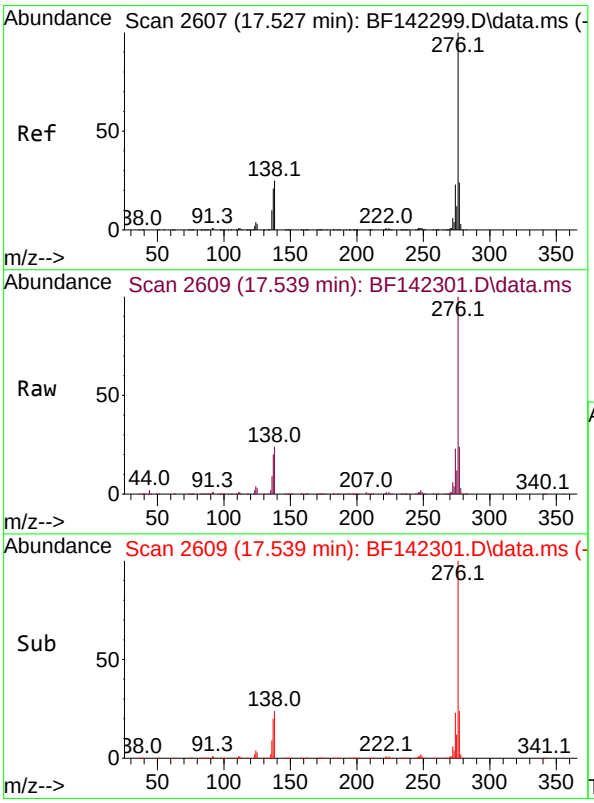
Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.5	21.7
279	24.0	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

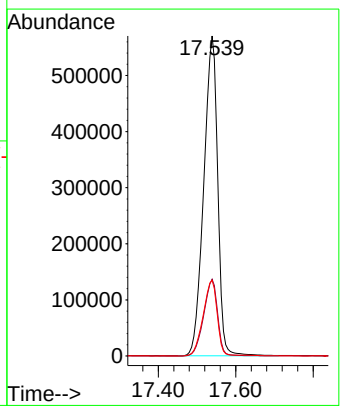
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#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

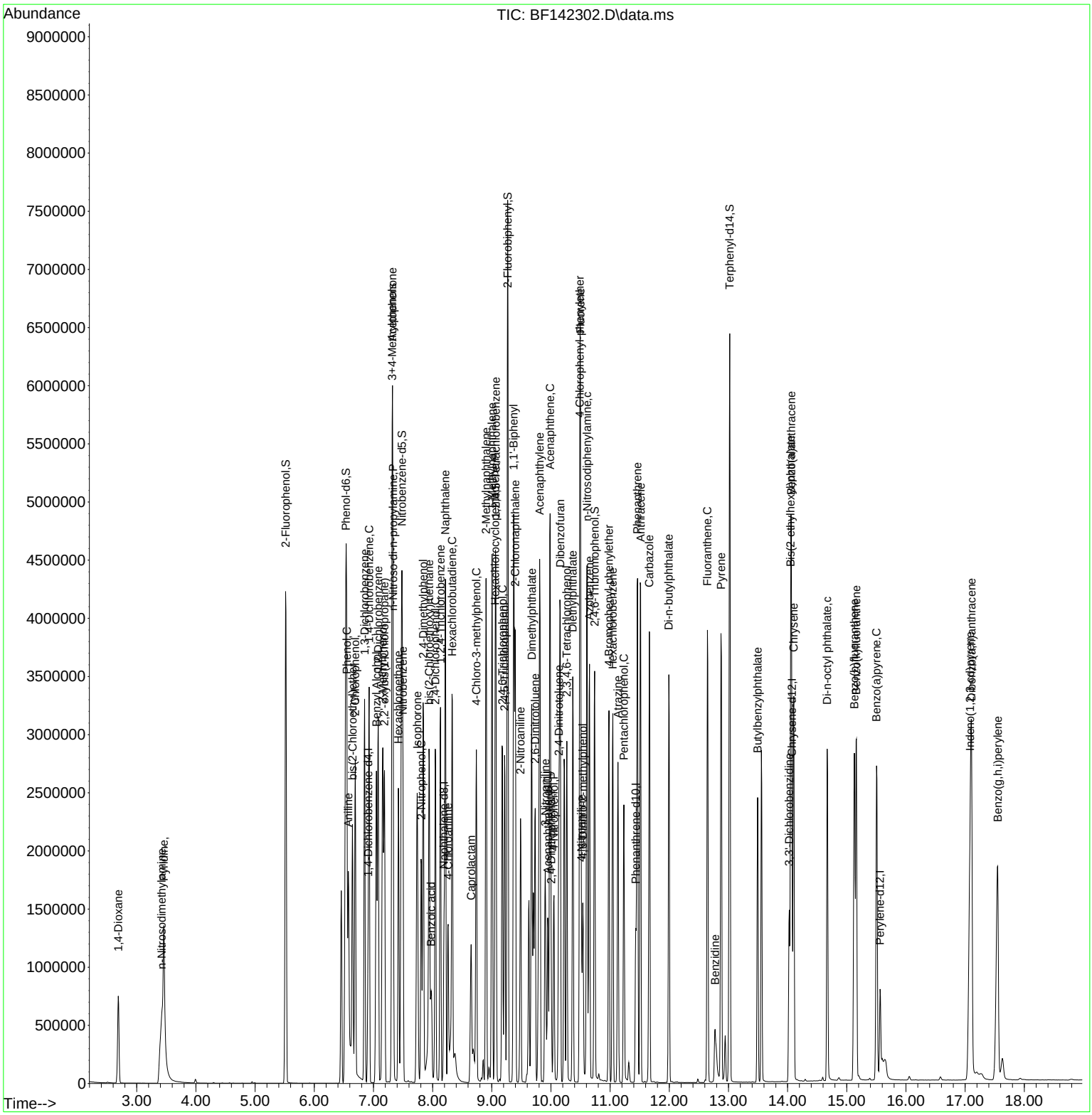
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Data File : BF142302.D
Acq On : 05 May 2025 17:15
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

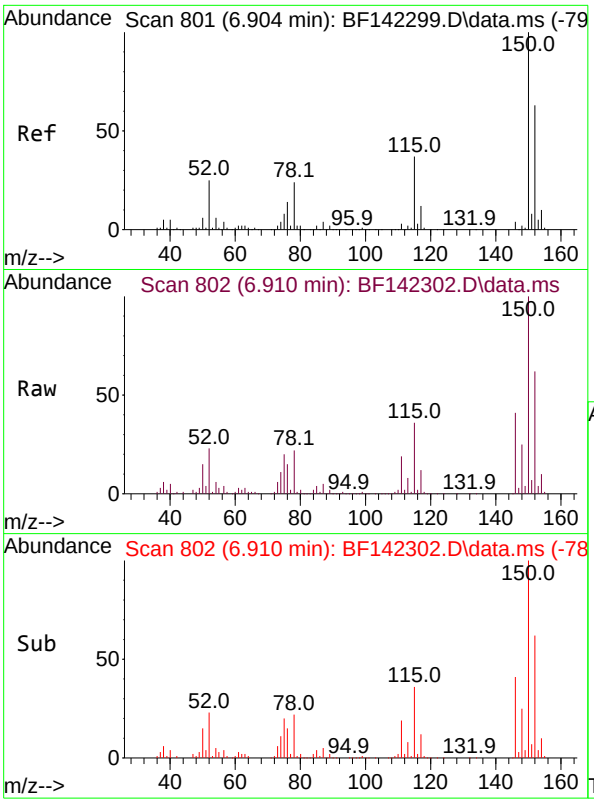
Quant Time: May 05 18:39:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:17:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

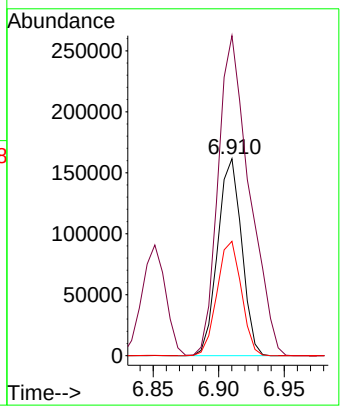




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:152 Resp: 20545

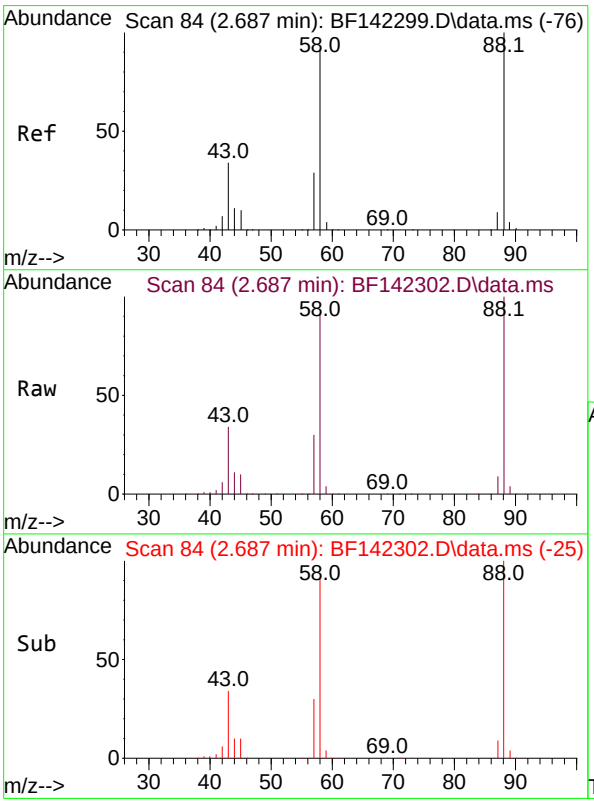
Ion	Ratio	Lower	Upper
152	100		
150	162.5	126.6	190.0
115	58.1	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

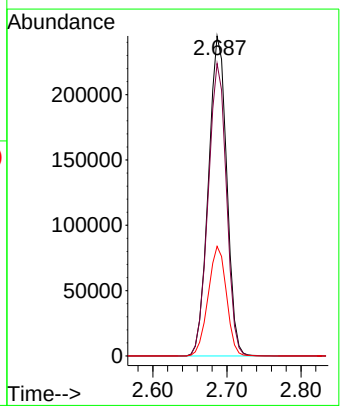
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

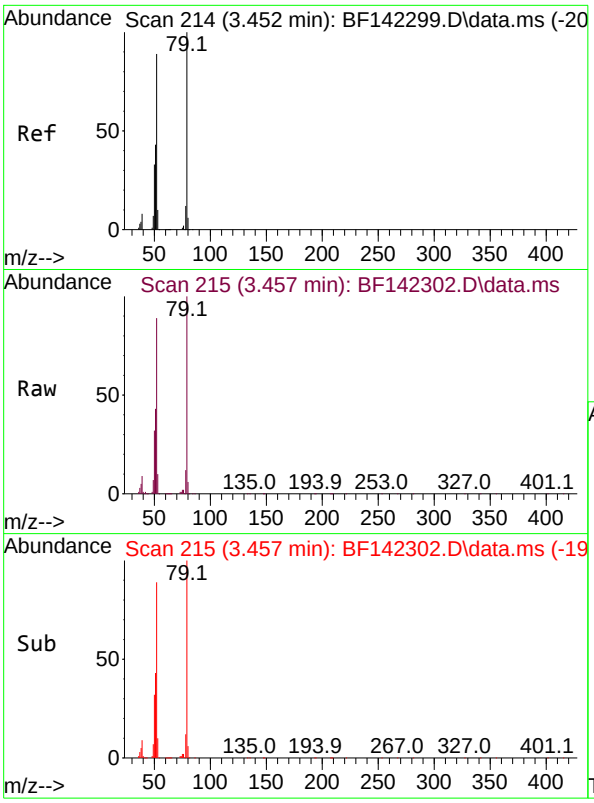


#2
1,4-Dioxane
Concen: 77.457 ng
RT: 2.687 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

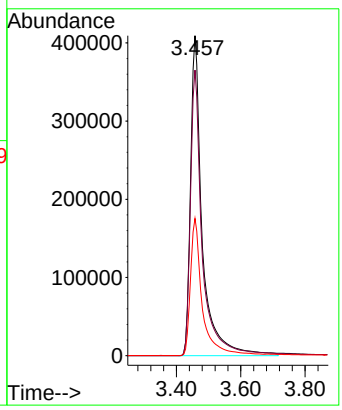




#3
Pyridine
Concen: 82.025 ng
RT: 3.457 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 79 Resp: 104372

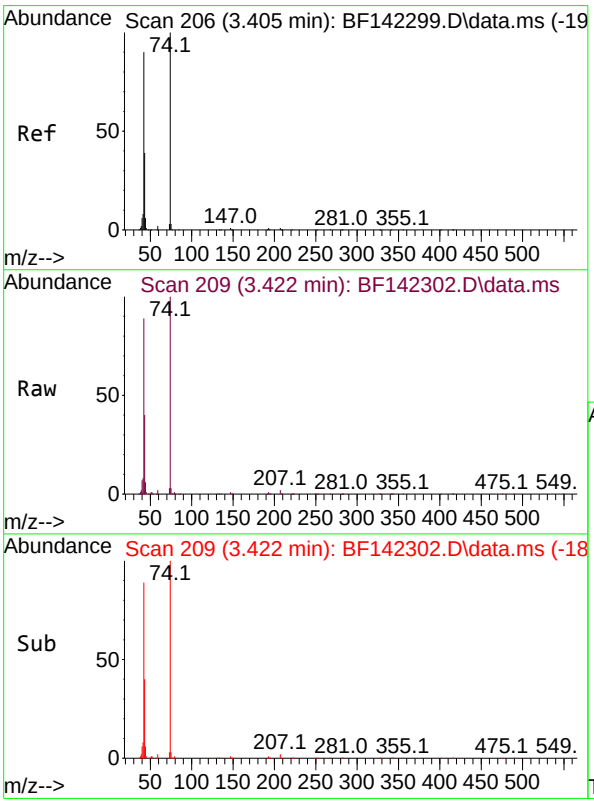
Ion	Ratio	Lower	Upper
79	100		
52	89.3	71.0	106.4
51	42.9	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

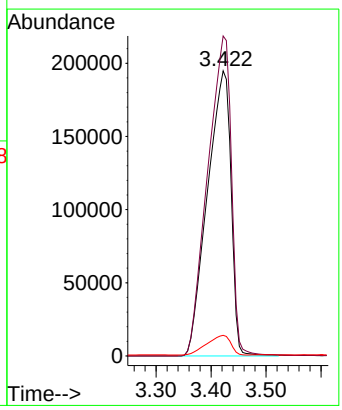
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

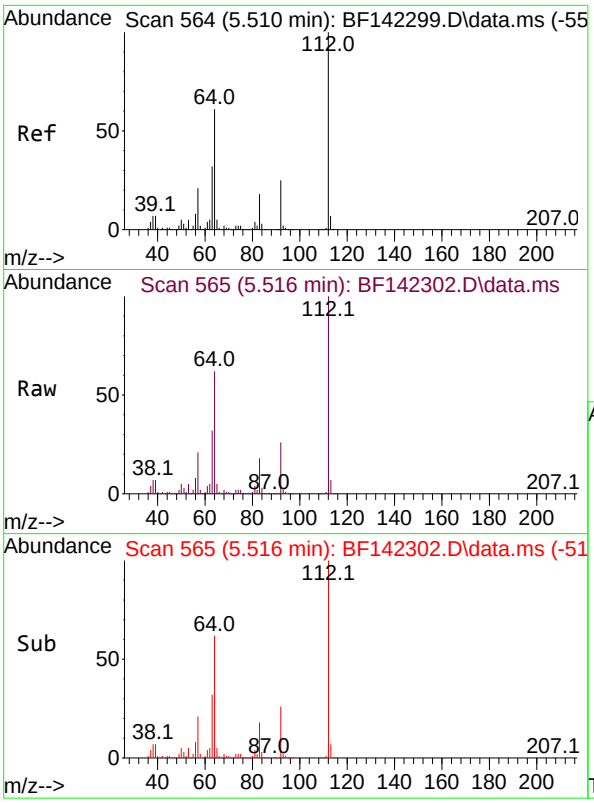


#4
n-Nitrosodimethylamine
Concen: 78.391 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.017 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

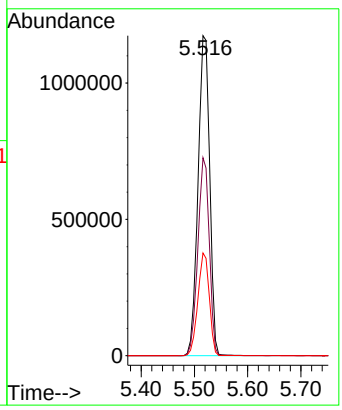
Tgt Ion:112 Resp: 178428

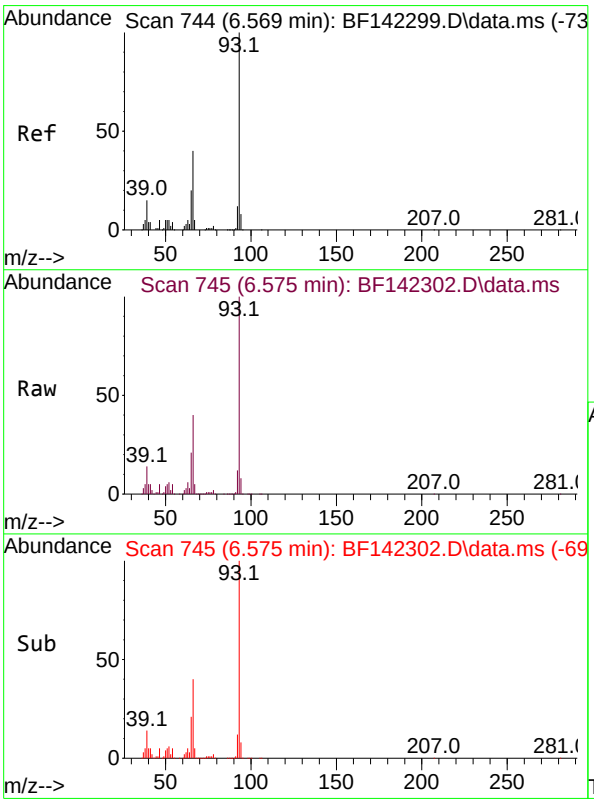
Ion	Ratio	Lower	Upper
112	100		
64	61.8	48.9	73.3
63	32.1	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

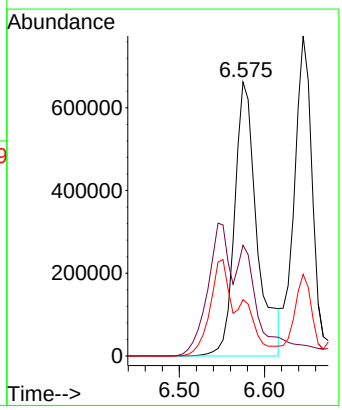


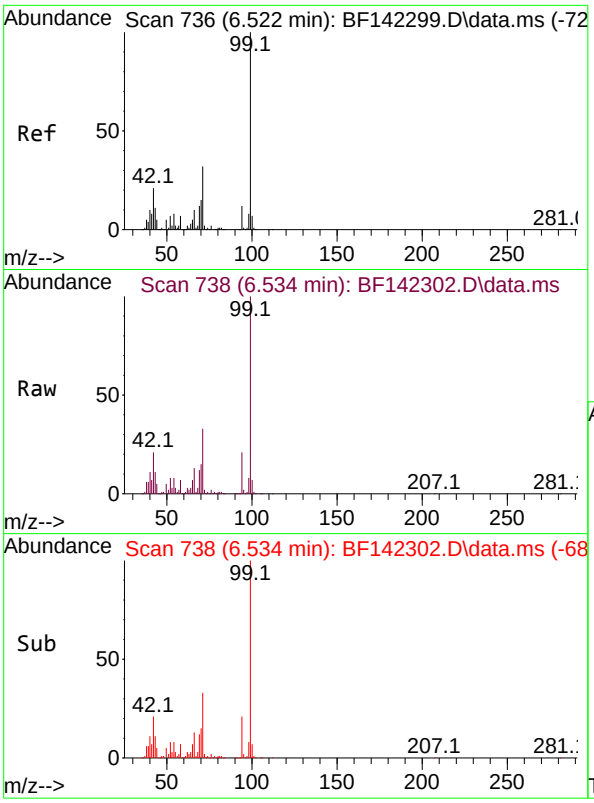


#6
Aniline
Concen: 83.294 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

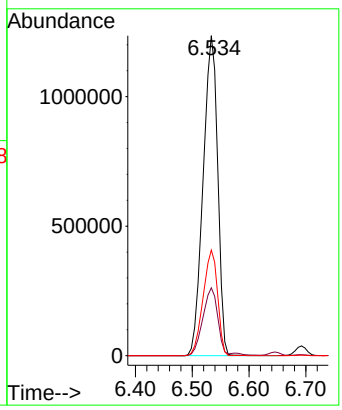




#7
Phenol-d6
Concen: 148.311 ng
RT: 6.534 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 99 Resp: 219537

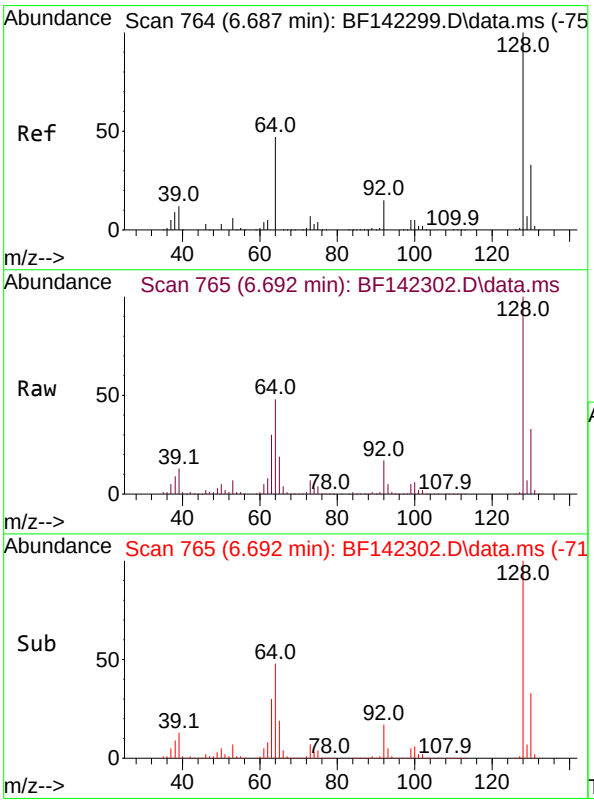
Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.4
71	33.0	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

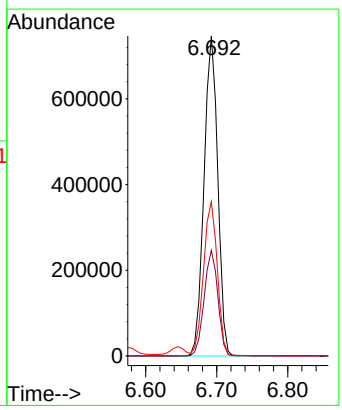
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

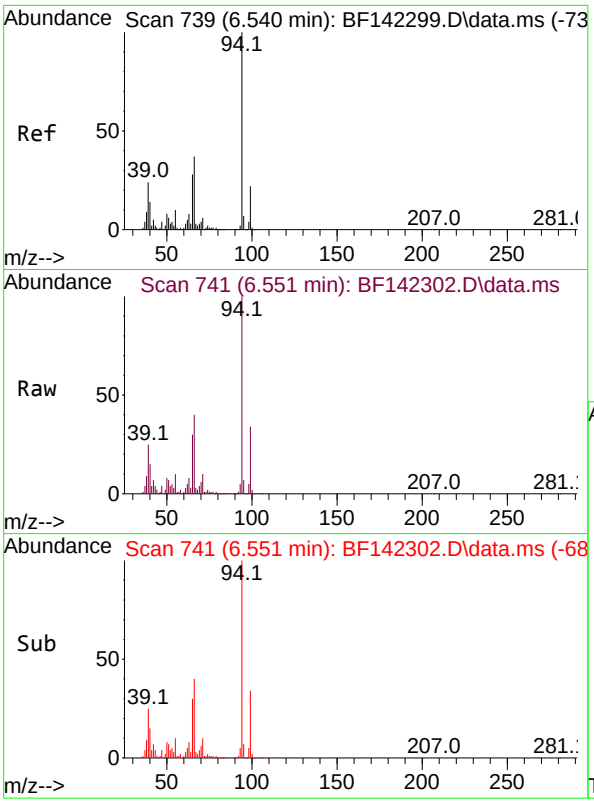


#8
2-Chlorophenol
Concen: 78.300 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

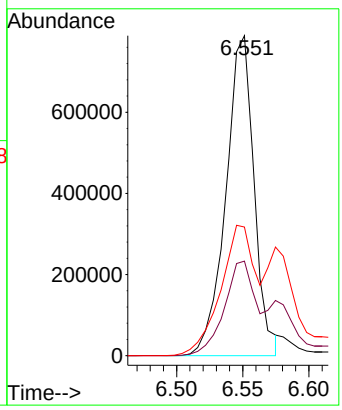




#10
Phenol
Concen: 74.728 ng m
RT: 6.551 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 94 Resp: 117254

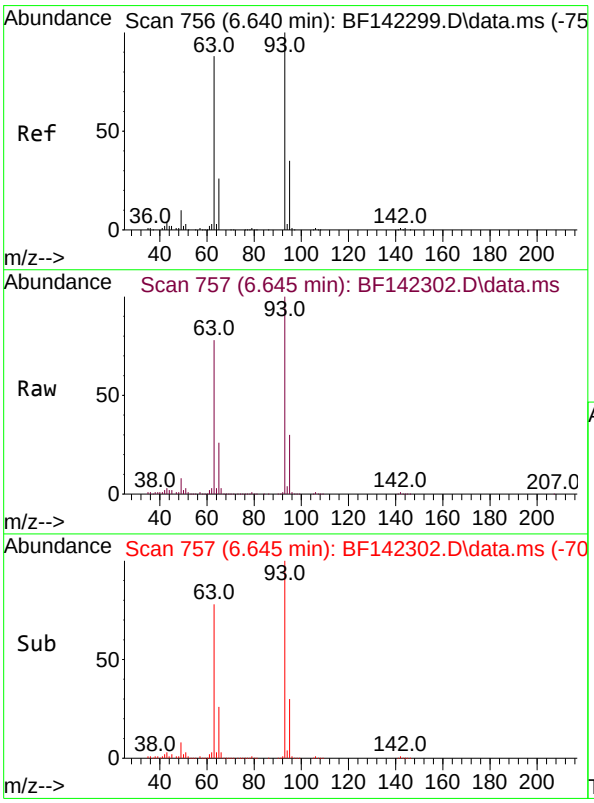
Ion	Ratio	Lower	Upper
94	100		
65	29.6	8.5	48.5
66	40.2	17.3	57.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

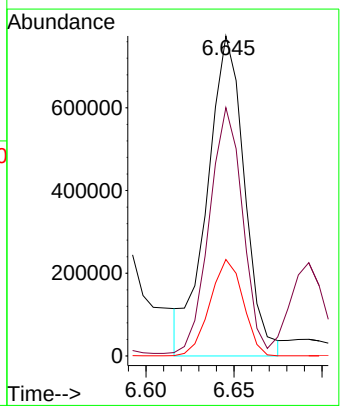
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

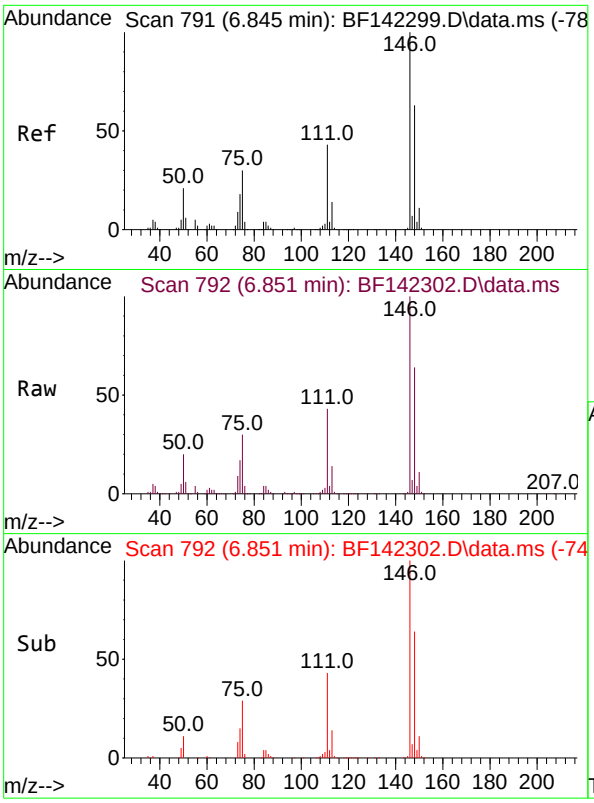


#11
bis(2-Chloroethyl)ether
Concen: 73.913 ng m
RT: 6.645 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

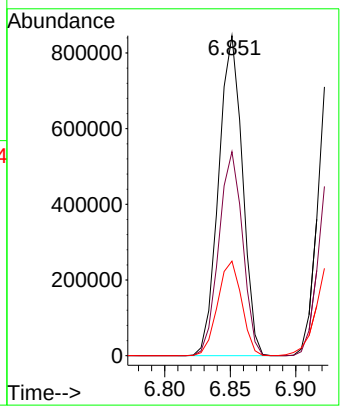




#12
1,3-Dichlorobenzene
Concen: 72.470 ng
RT: 6.851 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:146 Resp: 106630

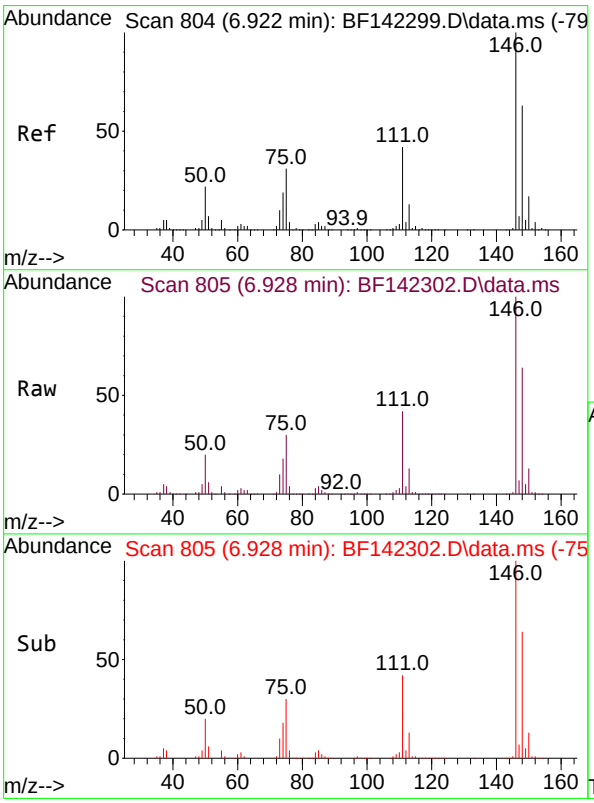
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
75	29.6	24.2	36.4



Instrument :
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ClientSampleId :
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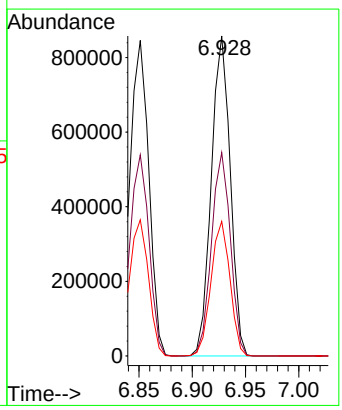
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

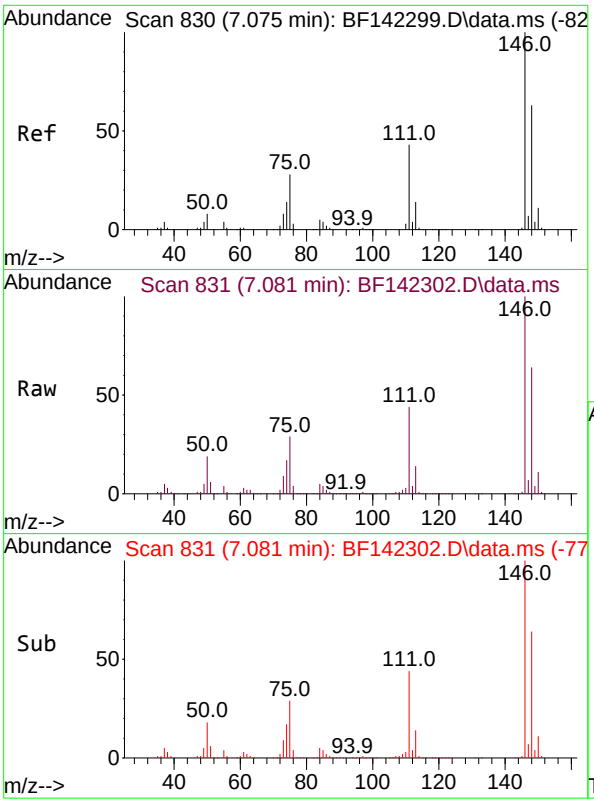


#13
1,4-Dichlorobenzene
Concen: 71.991 ng
RT: 6.928 min Scan# 805
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

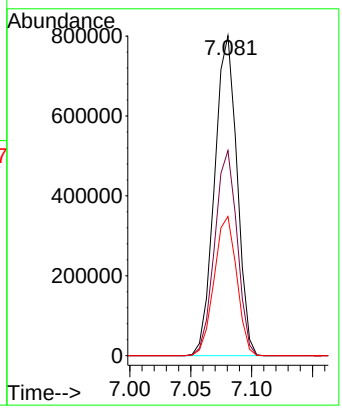




#14
1,2-Dichlorobenzene
Concen: 72.657 ng
RT: 7.081 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:146 Resp: 103029

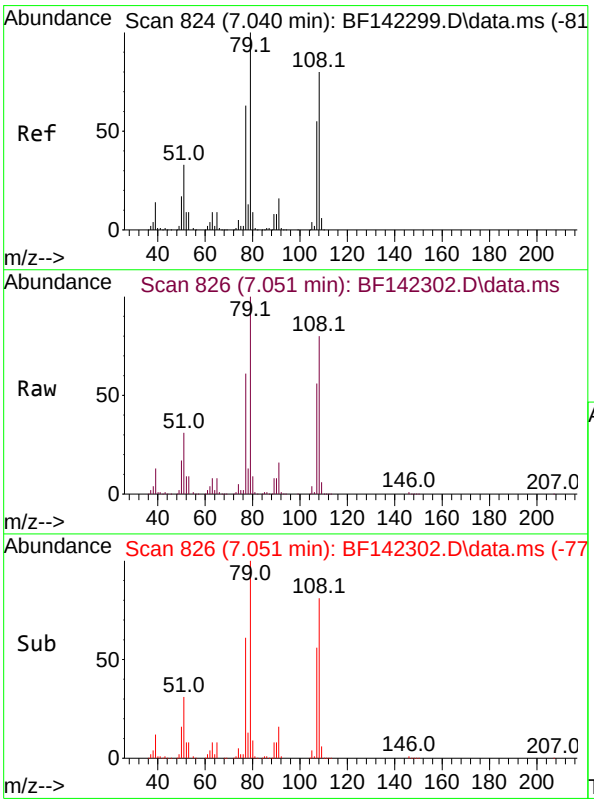
Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
111	43.5	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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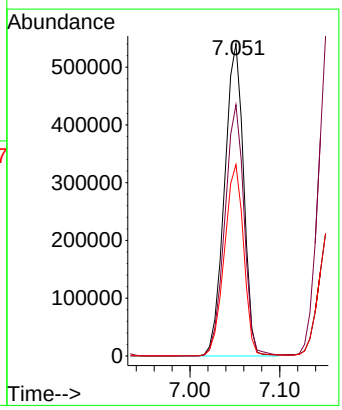
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

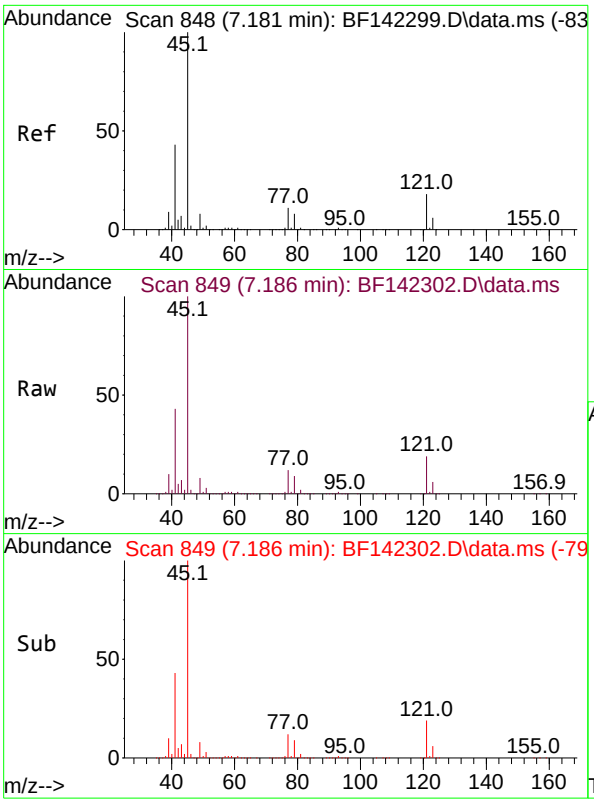


#15
Benzyl Alcohol
Concen: 83.370 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

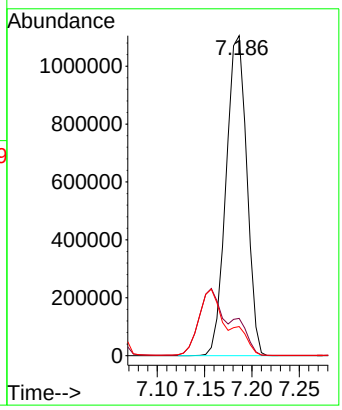
Tgt Ion: 45 Resp: 167992

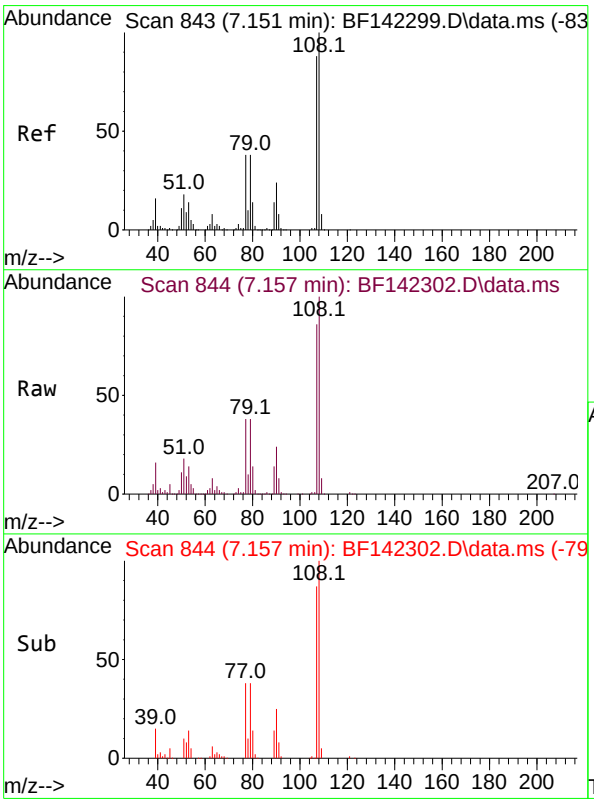
Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	31.2
79	9.1	0.0	28.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

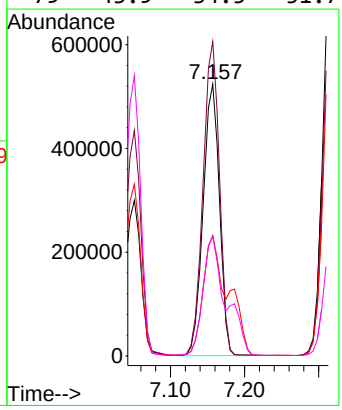


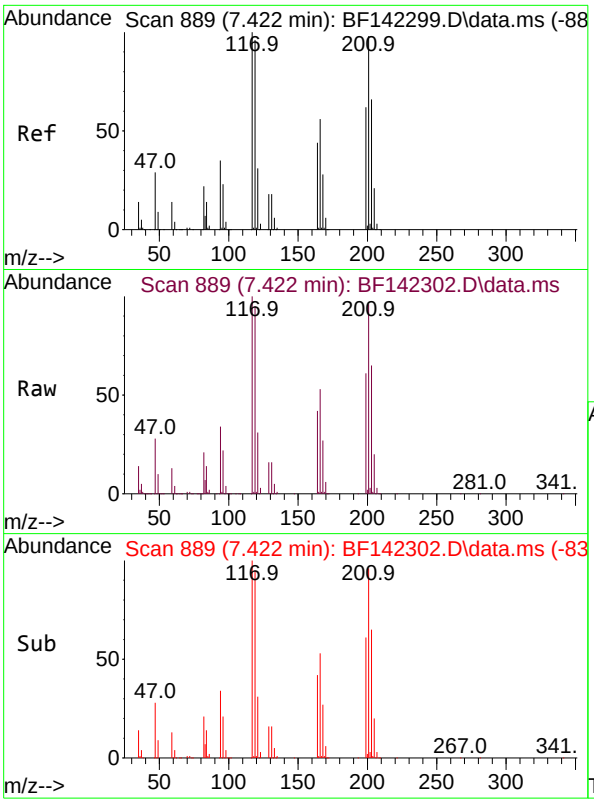


#17
2-Methylphenol
Concen: 77.177 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

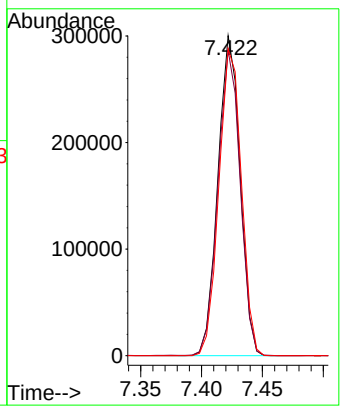




#18
Hexachloroethane
Concen: 77.452 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:117 Resp: 38070

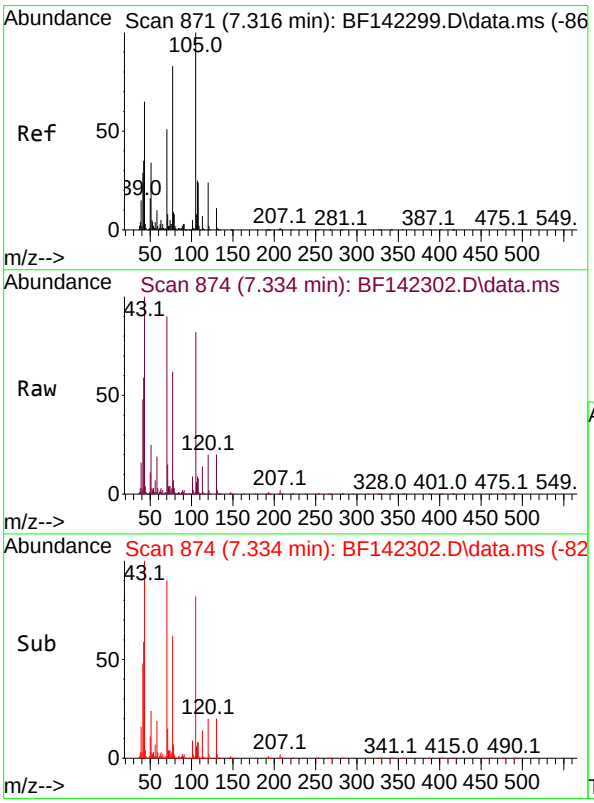
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.9	115.3
201	96.0	78.0	117.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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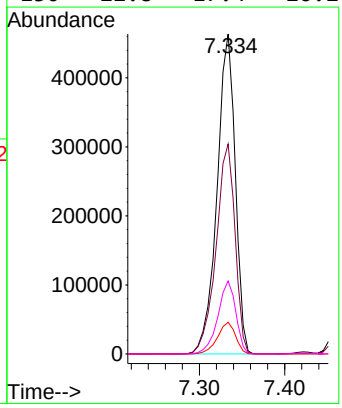
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

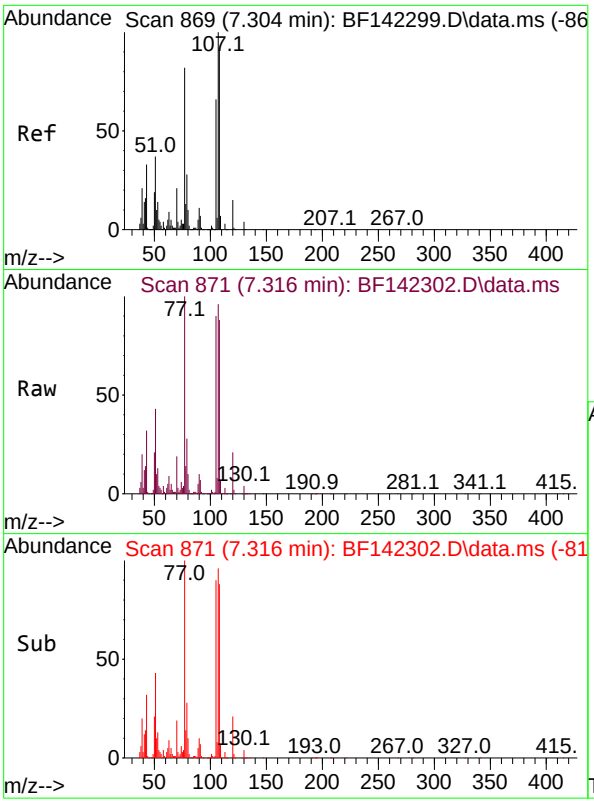


#19
n-Nitroso-di-n-propylamine
Concen: 75.168 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.018 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

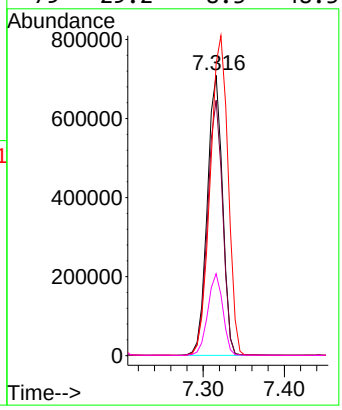




#20
3+4-Methylphenols
Concen: 70.906 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:107 Resp: 92142

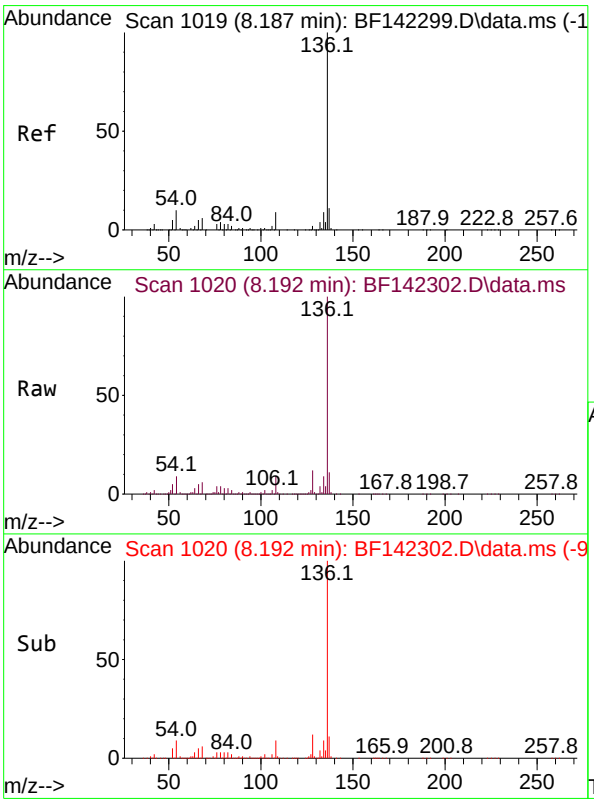
Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.5	111.5
77	104.1	61.6	101.6
79	29.2	8.3	48.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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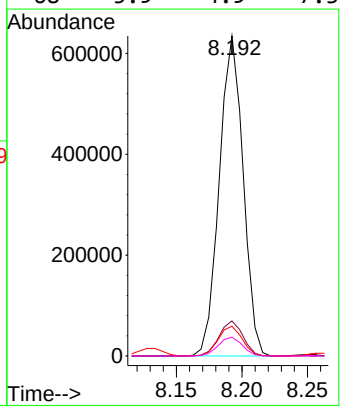
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

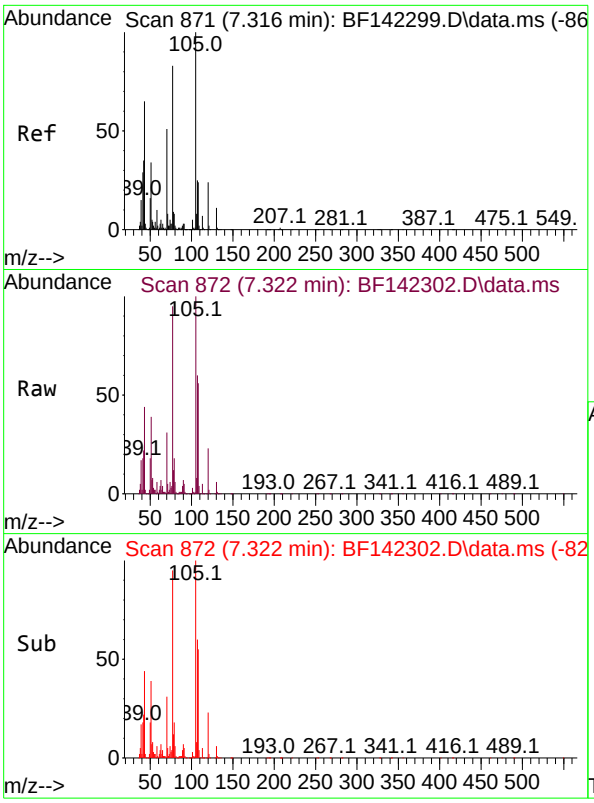


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

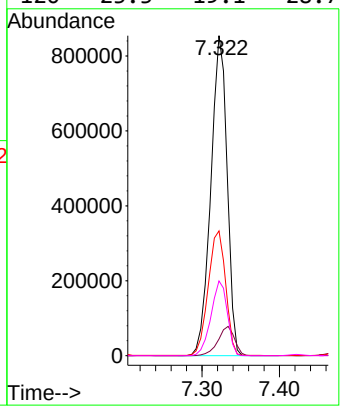




#22
Acetophenone
Concen: 69.916 ng
RT: 7.322 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:105 Resp: 124534

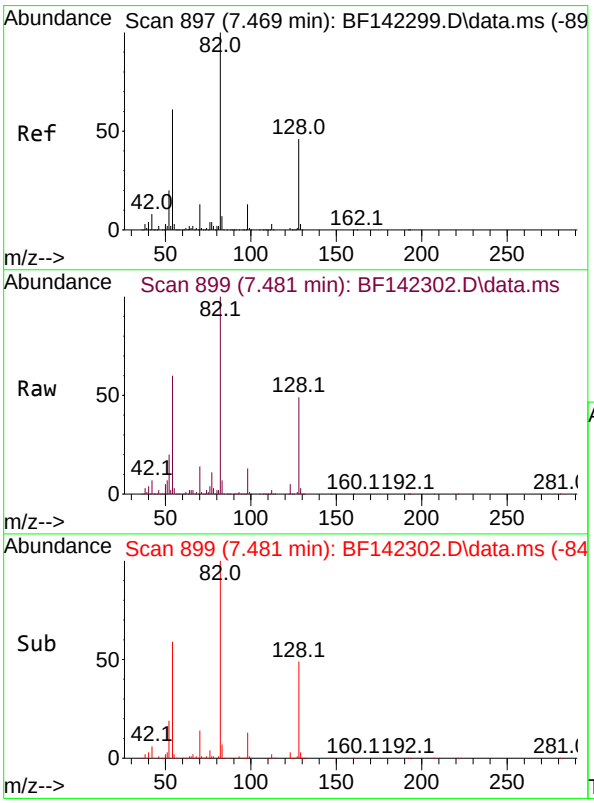
Ion	Ratio	Lower	Upper
105	100		
71	5.2	6.7	10.1#
51	39.0	27.6	41.4
120	23.3	19.1	28.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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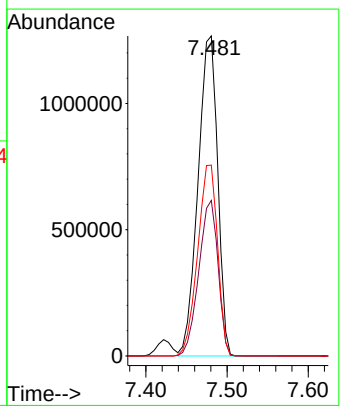
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

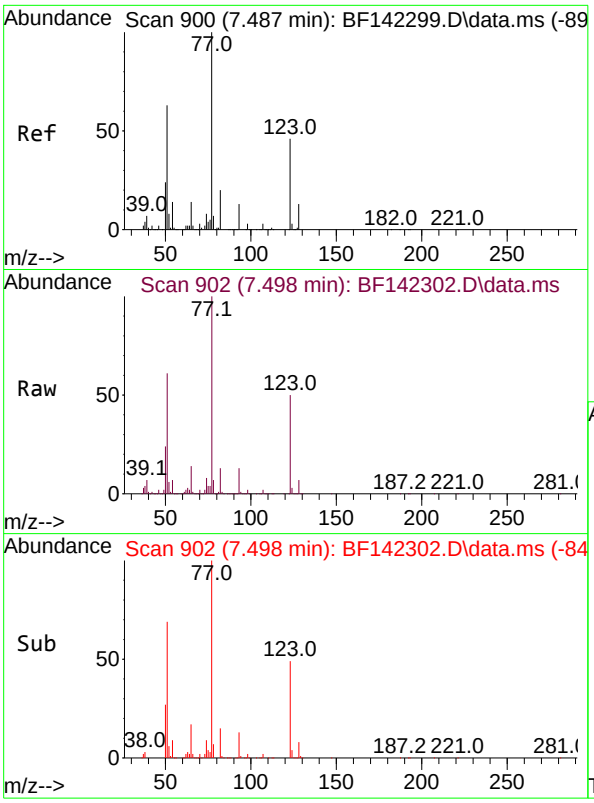


#23
Nitrobenzene-d5
Concen: 162.047 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

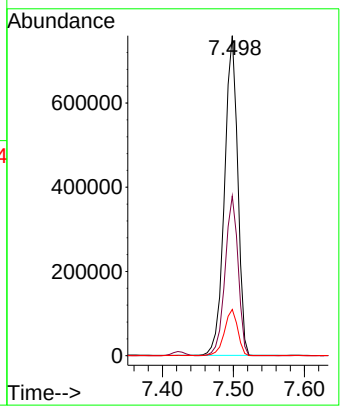
Tgt Ion: 77 Resp: 97853

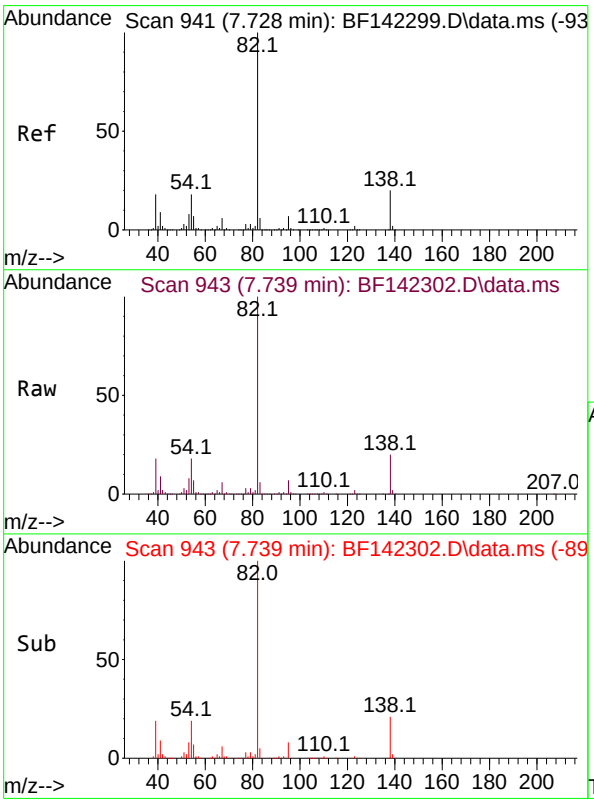
Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.8	56.8
65	14.5	11.4	17.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

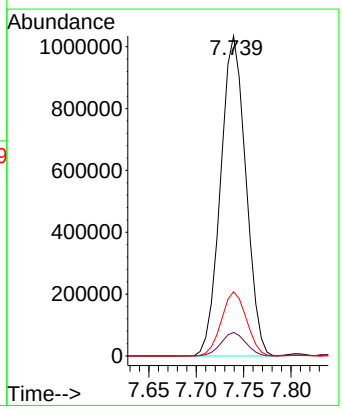


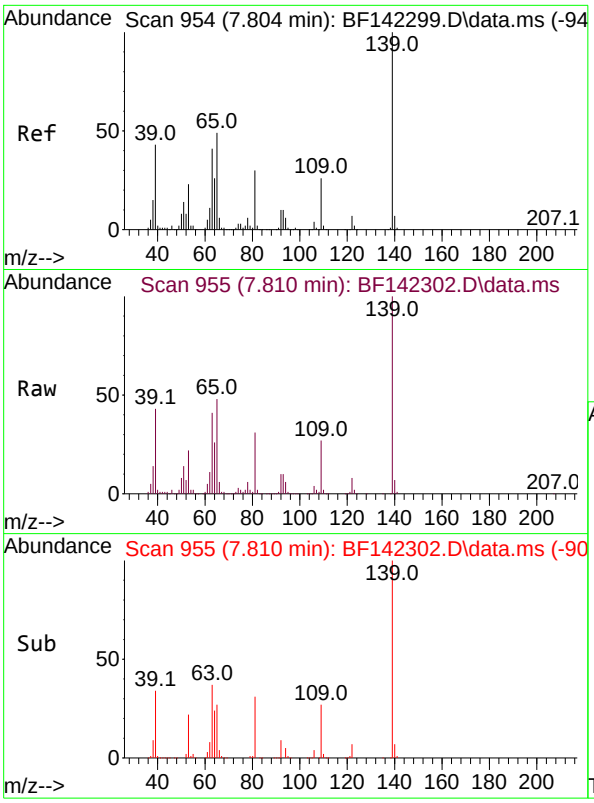


#25
Isophorone
Concen: 77.044 ng
RT: 7.739 min Scan# 943
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

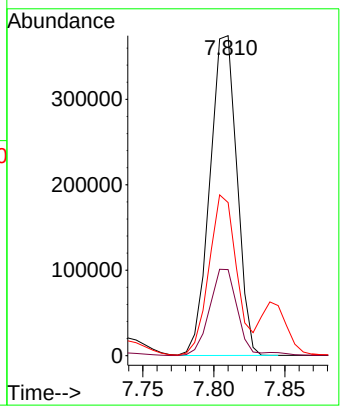
Tgt Ion:139 Resp: 49634

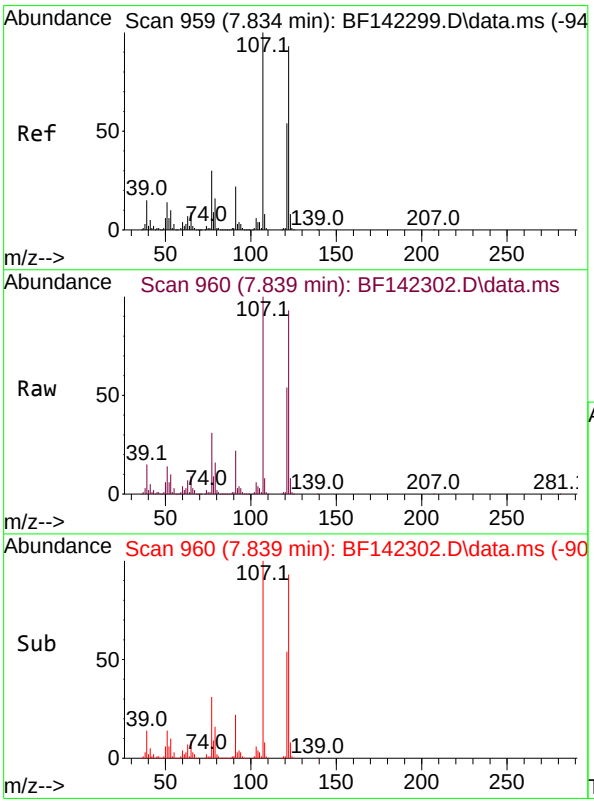
Ion	Ratio	Lower	Upper
139	100		
109	26.9	20.8	31.2
65	47.8	38.9	58.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

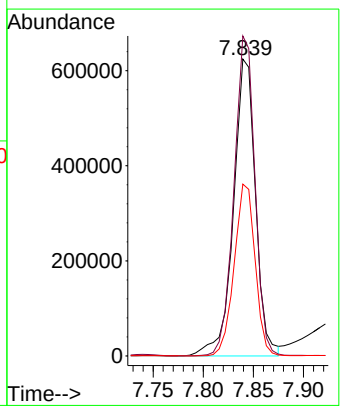


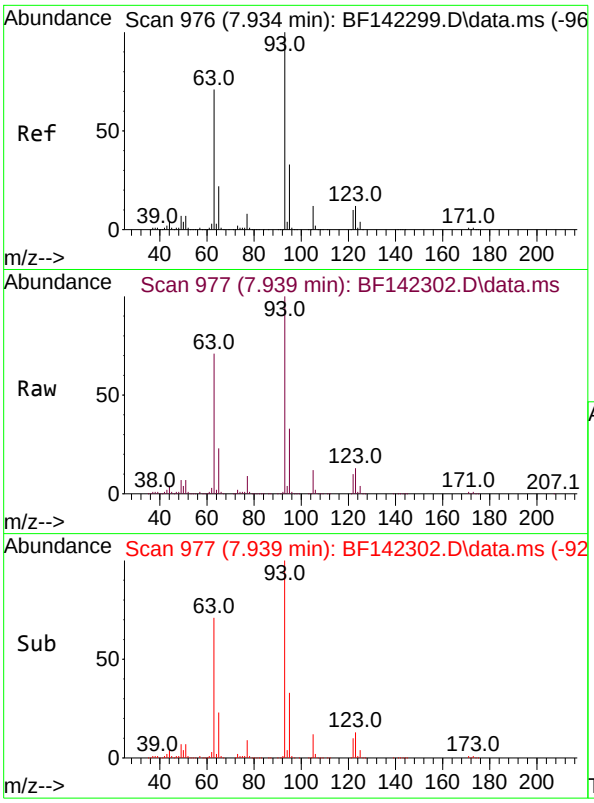


#27
2,4-Dimethylphenol
Concen: 76.651 ng
RT: 7.839 min Scan# 960
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

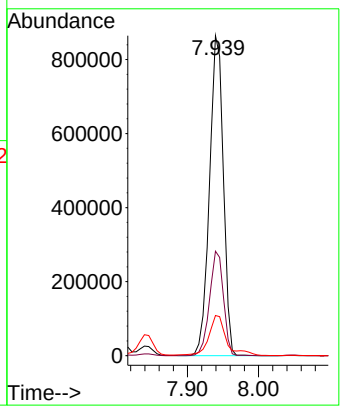
Tgt Ion: 93 Resp: 117136

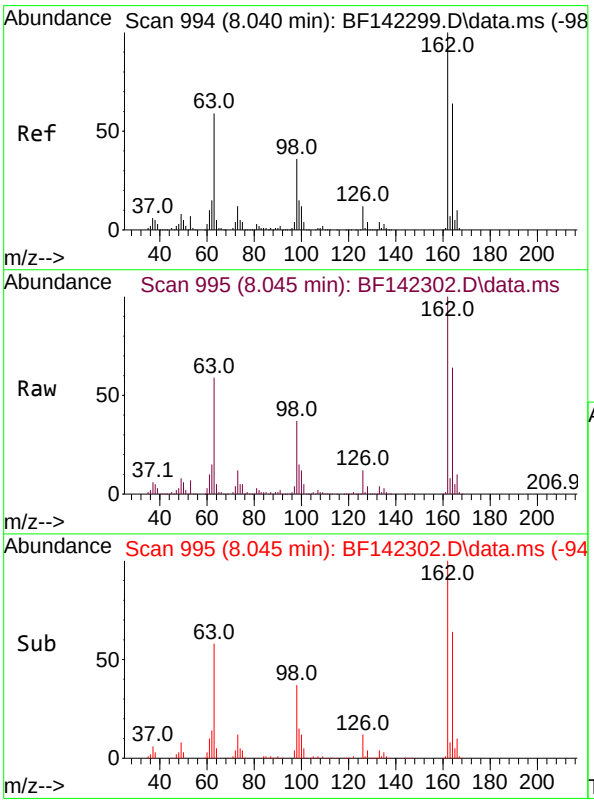
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	12.5	10.2	15.4

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

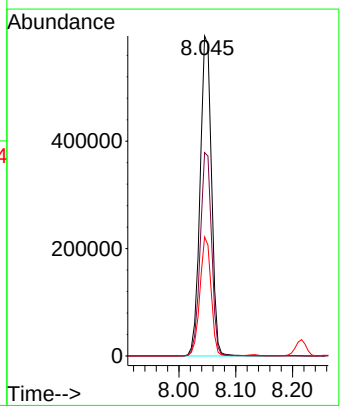


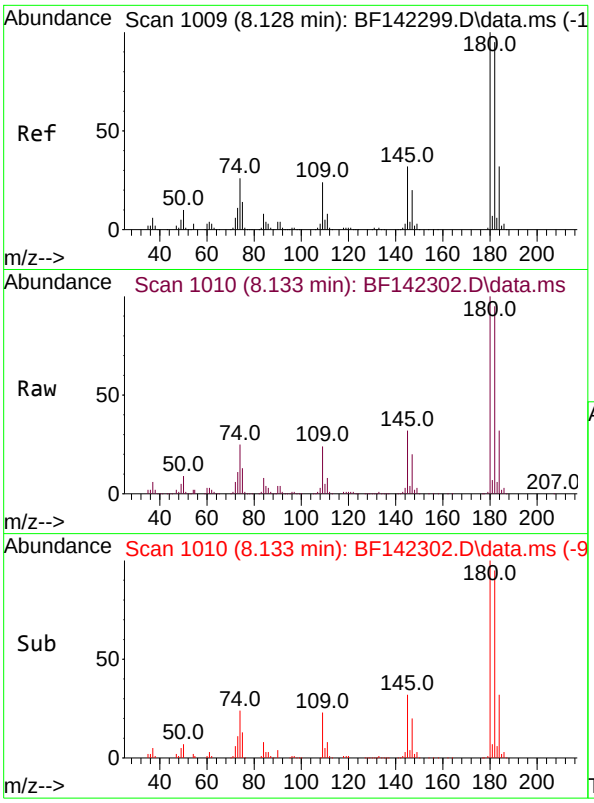


#29
2,4-Dichlorophenol
Concen: 78.283 ng
RT: 8.045 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

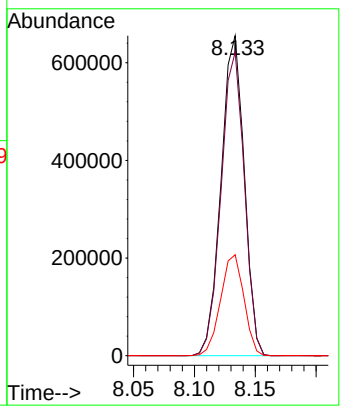




#30
1,2,4-Trichlorobenzene
Concen: 72.551 ng
RT: 8.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:180 Resp: 86812

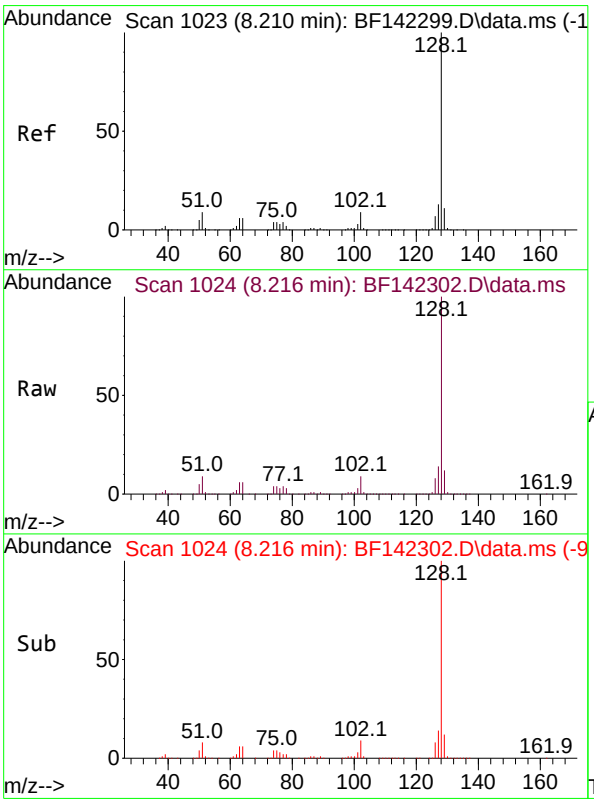
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.4
145	31.6	25.8	38.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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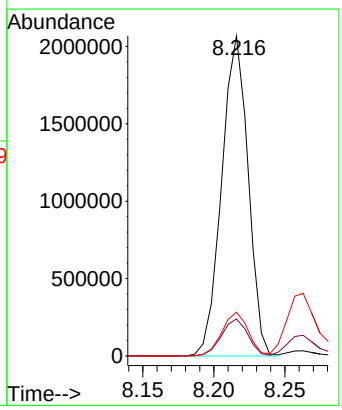
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

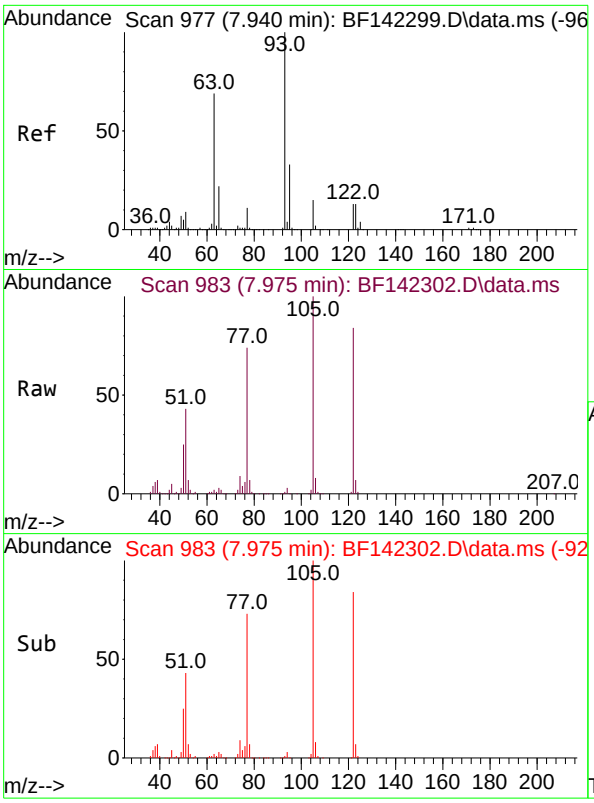


#31
Naphthalene
Concen: 68.916 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

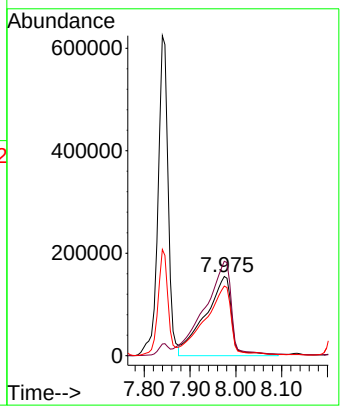




#32
Benzoic acid
Concen: 79.184 ng m
RT: 7.975 min Scan# 9
Delta R.T. 0.035 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:122 Resp: 62231

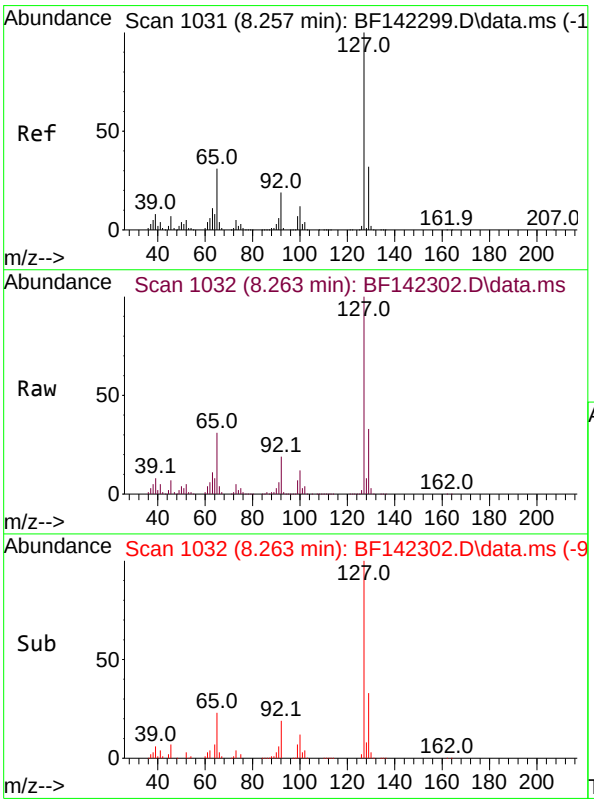
Ion	Ratio	Lower	Upper
122	100		
105	119.1	97.9	137.9
77	88.0	67.7	107.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

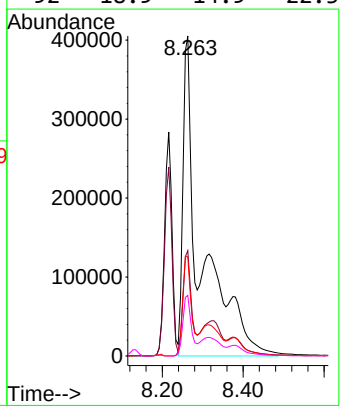
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

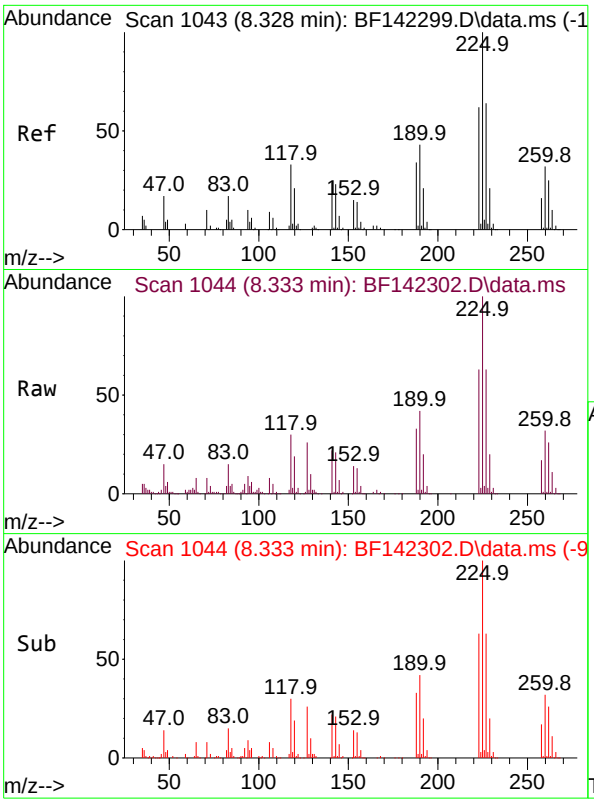


#33
4-Chloroaniline
Concen: 79.003 ng m
RT: 8.263 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

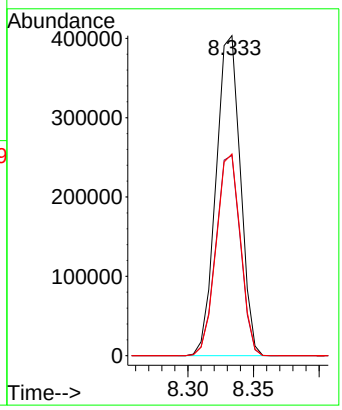
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

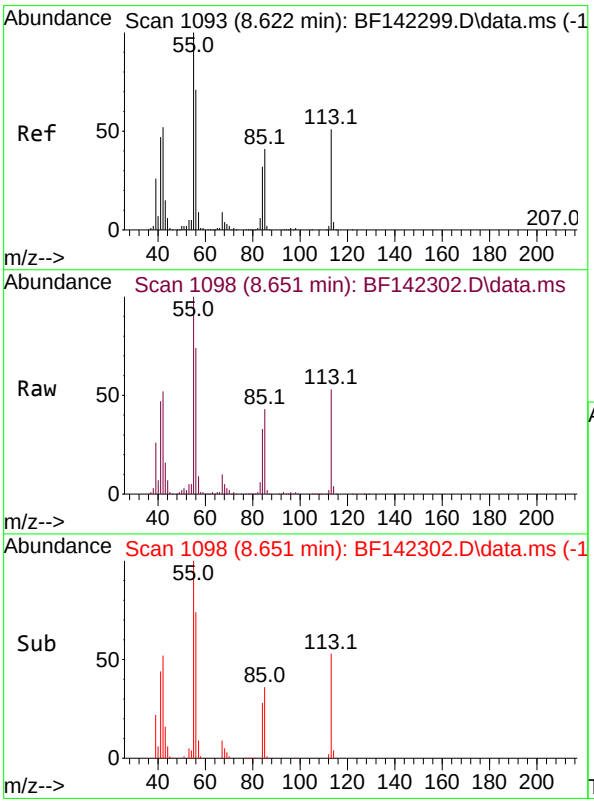
Tgt Ion:225 Resp: 52049

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	63.0	50.9	76.3

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

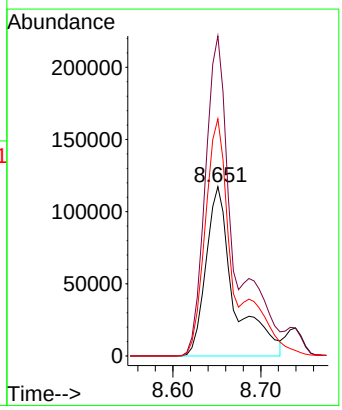


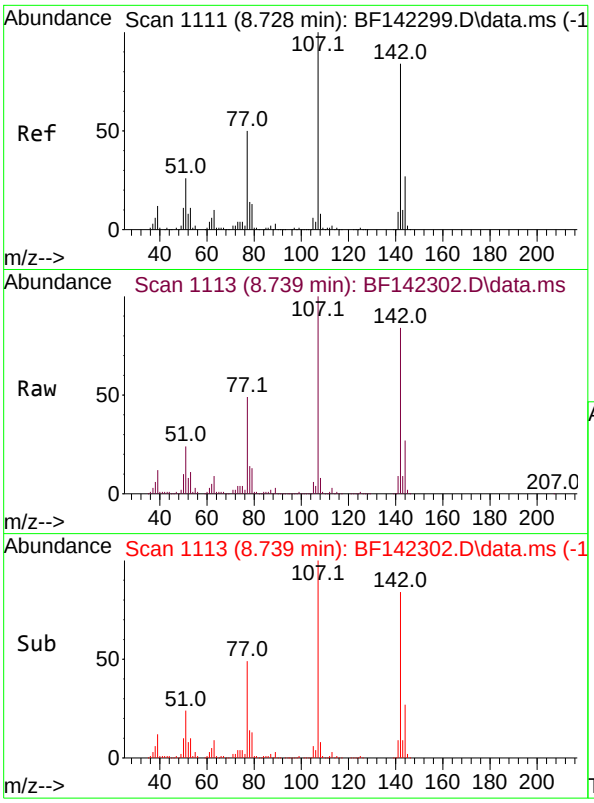


#35
Caprolactam
Concen: 84.368 ng m
RT: 8.651 min Scan# 1098
Delta R.T. 0.029 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

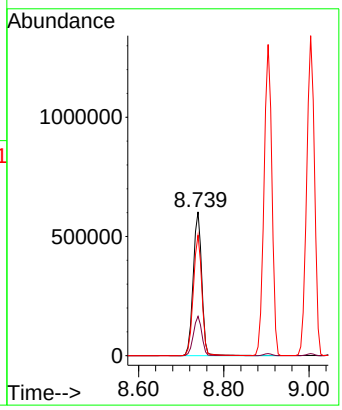




#36
4-Chloro-3-methylphenol
Concen: 76.050 ng
RT: 8.739 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:107 Resp: 84053

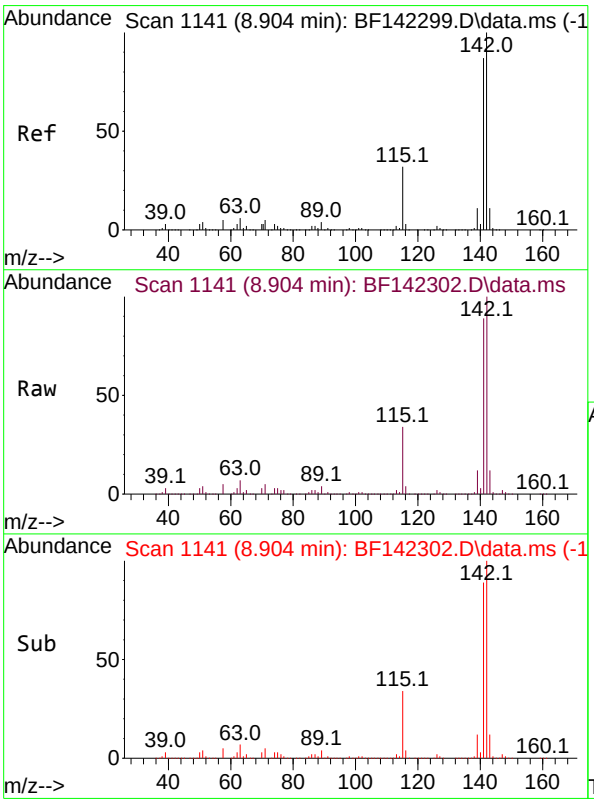
Ion	Ratio	Lower	Upper
107	100		
144	27.3	21.3	31.9
142	83.7	66.9	100.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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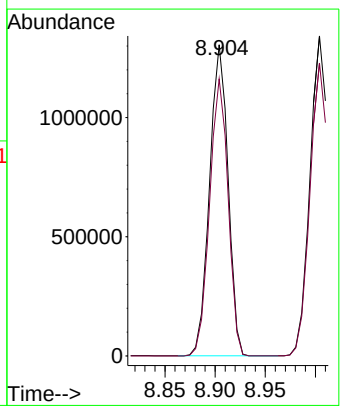
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

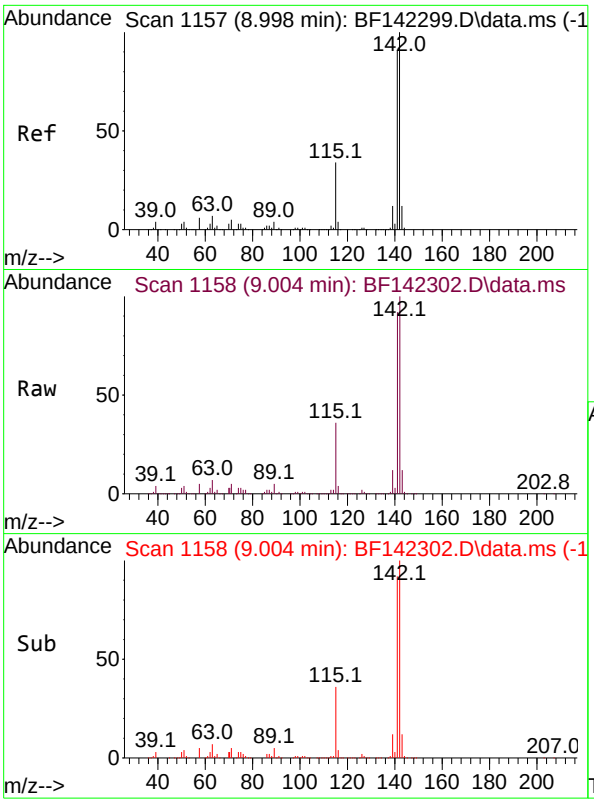


#37
2-Methylnaphthalene
Concen: 69.220 ng
RT: 8.904 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

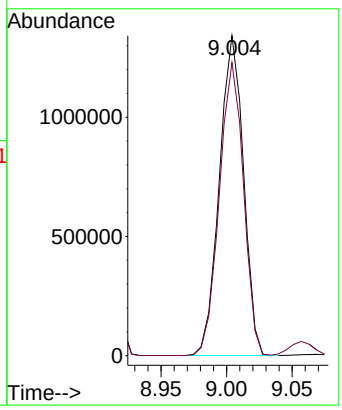
Tgt Ion:142 Resp: 171404

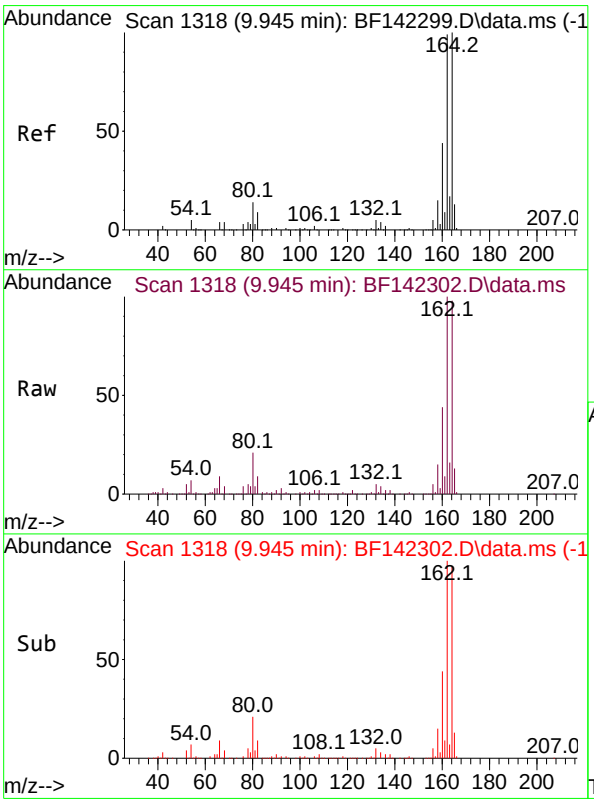
Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.5	108.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

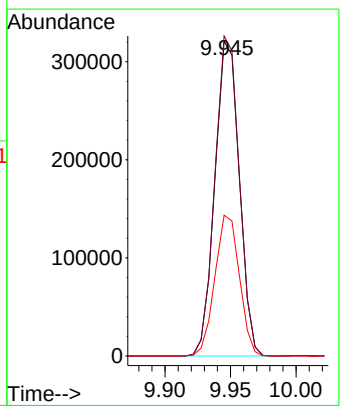


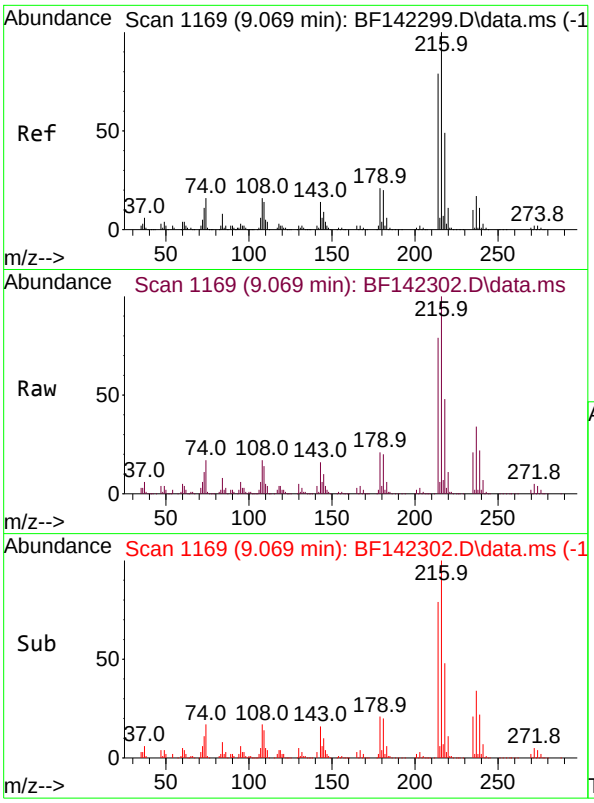


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

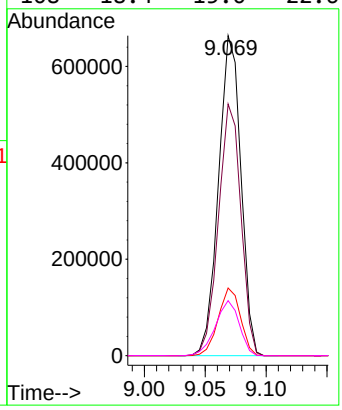




#40
1,2,4,5-Tetrachlorobenzene
Concen: 73.349 ng
RT: 9.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:216 Resp: 84977

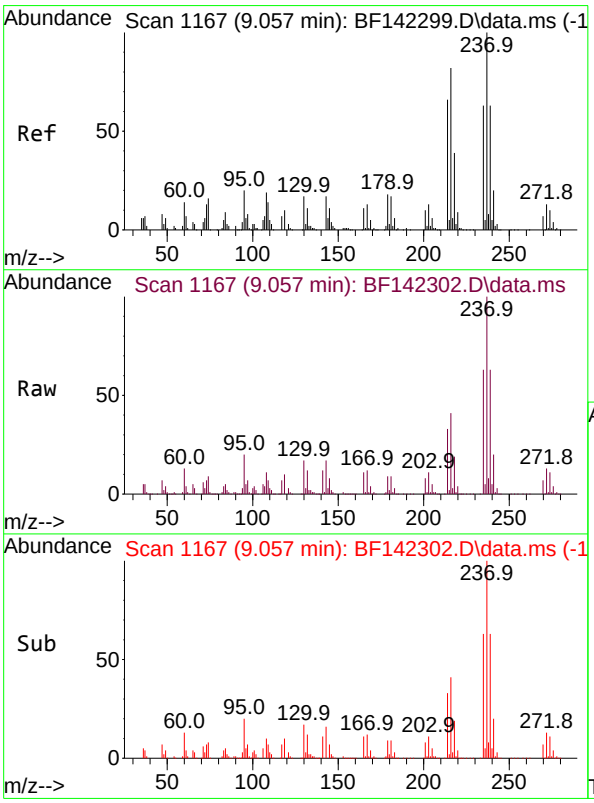
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.8	95.6
179	21.0	17.0	25.6
108	18.4	15.0	22.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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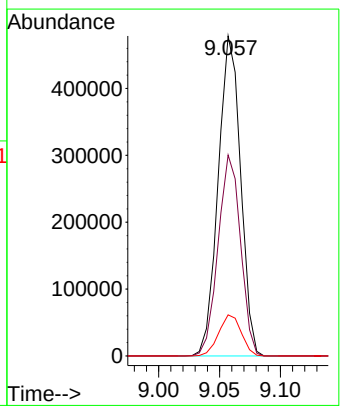
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

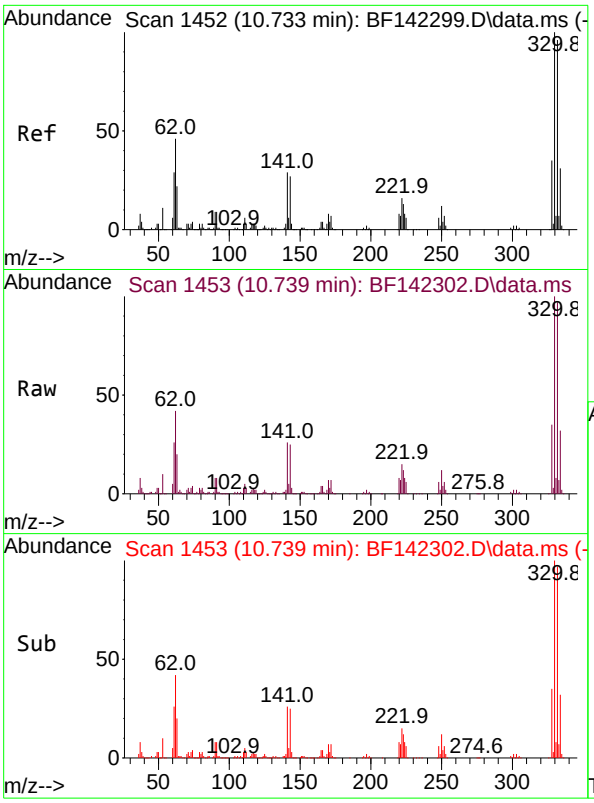


#41
Hexachlorocyclopentadiene
Concen: 85.560 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

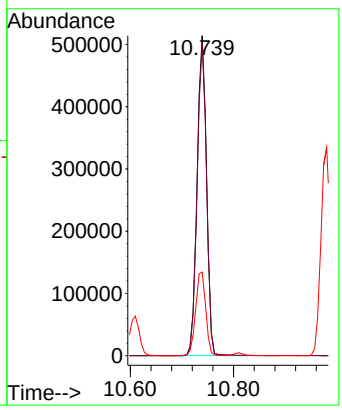




#42
2,4,6-Tribromophenol
Concen: 163.012 ng
RT: 10.739 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:330 Resp: 65285

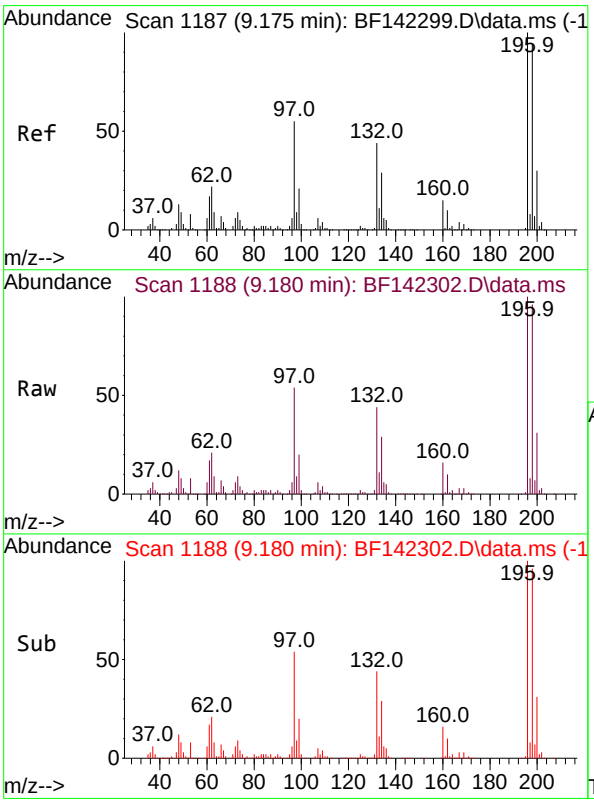
Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	27.9	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

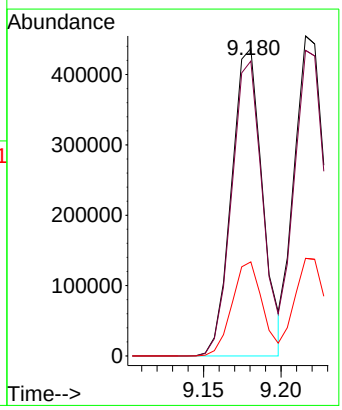
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

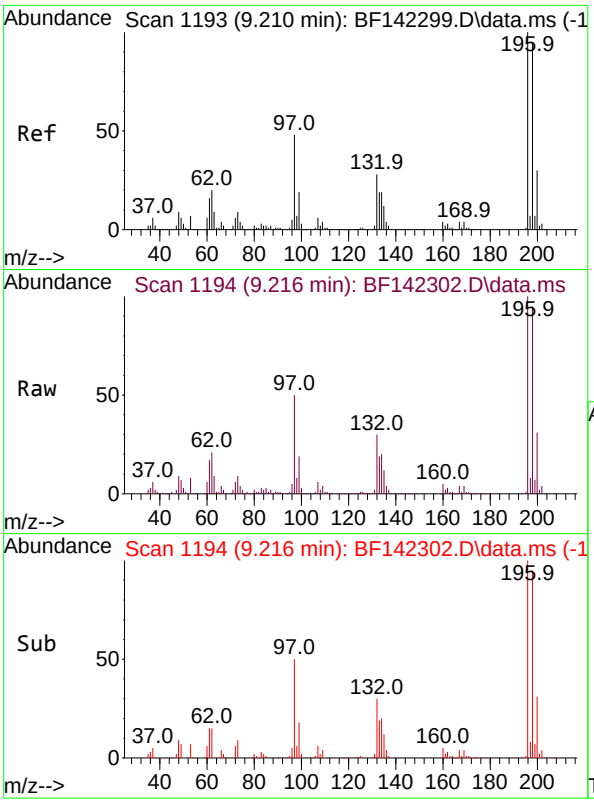


#43
2,4,6-Trichlorophenol
Concen: 82.898 ng
RT: 9.180 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

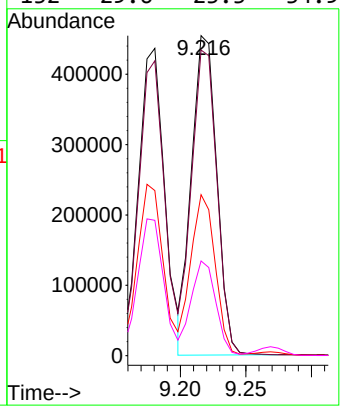




#44
2,4,5-Trichlorophenol
Concen: 78.648 ng
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:196 Resp: 611514

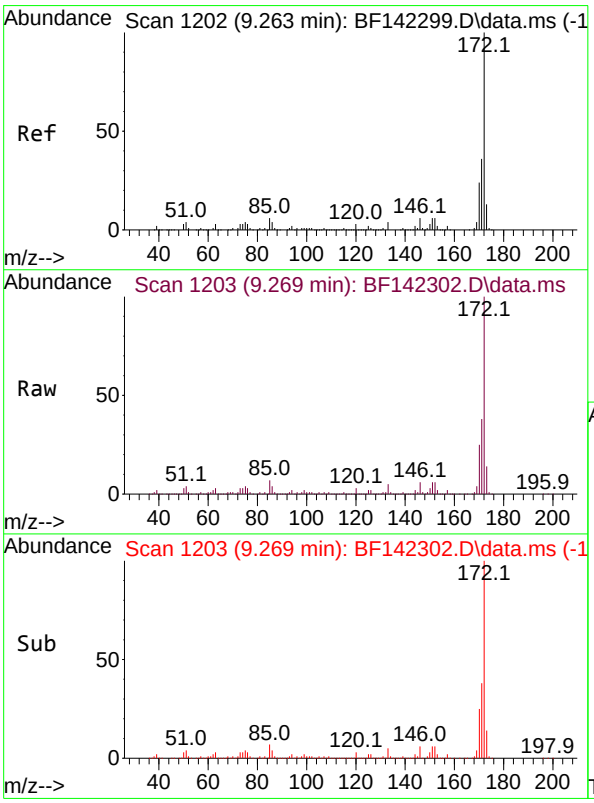
Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.1	114.1
97	50.3	39.0	58.4
132	29.6	23.3	34.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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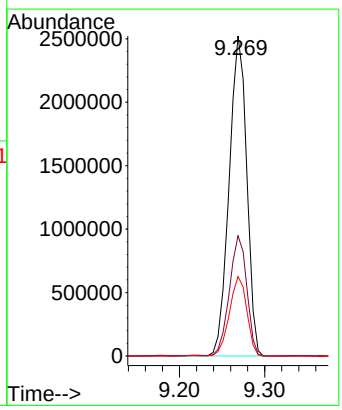
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

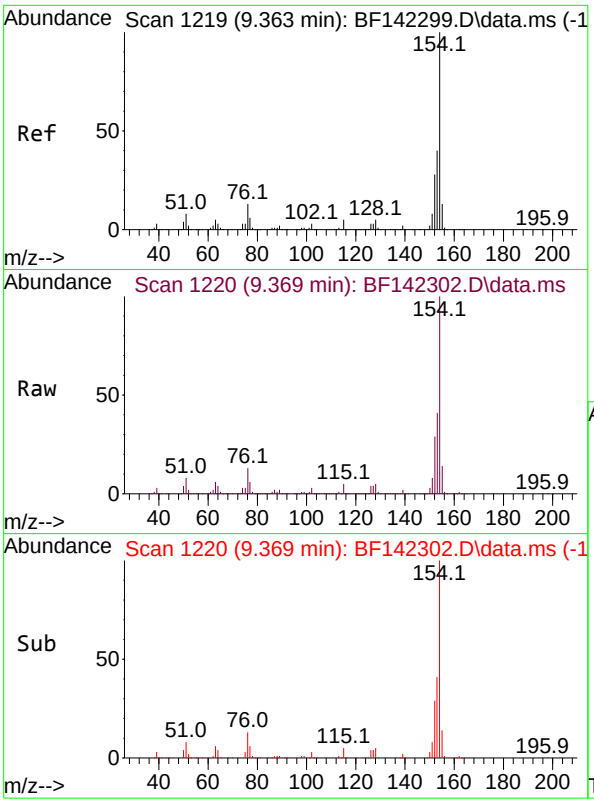


#45
2-Fluorobiphenyl
Concen: 124.337 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

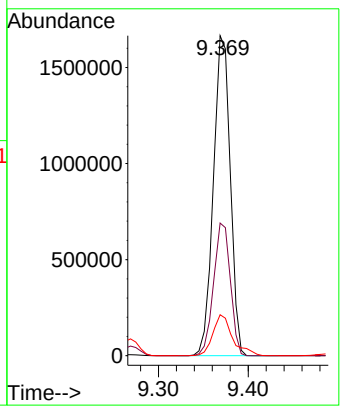




#46
1,1'-Biphenyl
Concen: 68.328 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:154 Resp: 217320

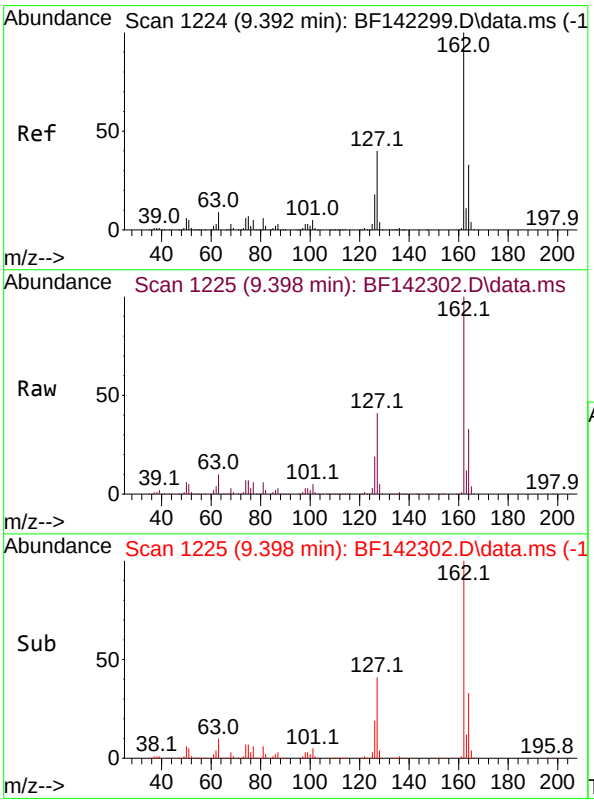
Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.5	60.5
76	12.8	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

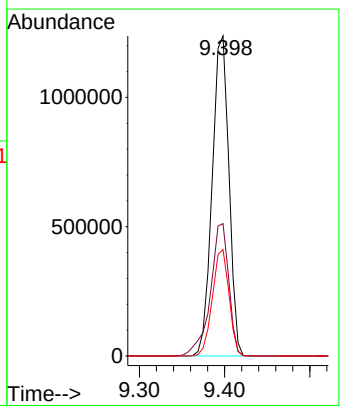
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

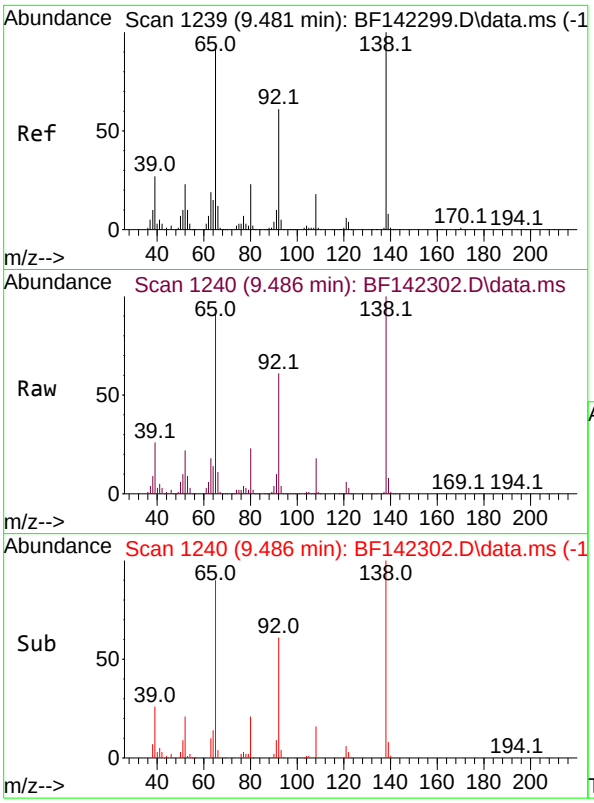


#47
2-Chloronaphthalene
Concen: 71.397 ng
RT: 9.398 min Scan# 1225
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

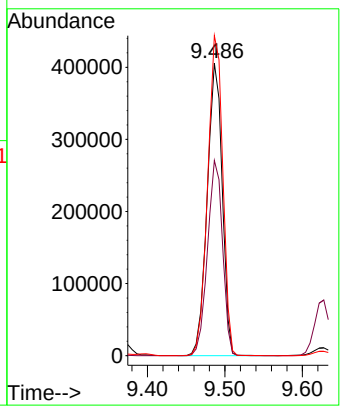
Tgt Ion: 65 Resp: 54778

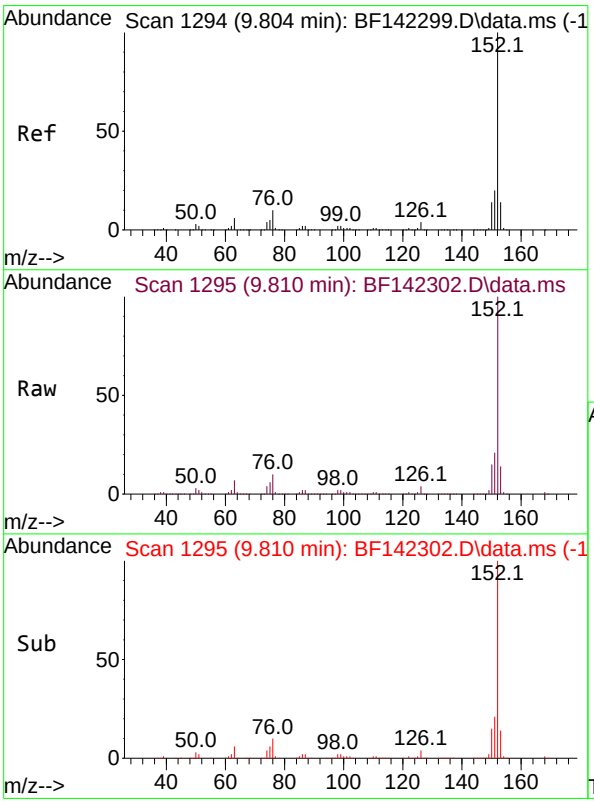
Ion	Ratio	Lower	Upper
65	100		
92	66.7	52.3	78.5
138	109.4	85.6	128.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

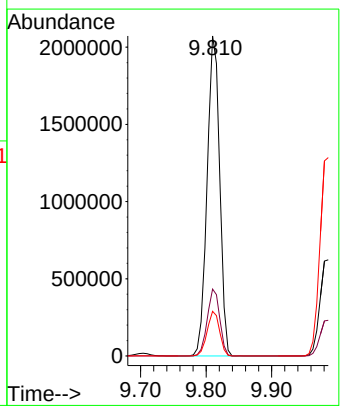


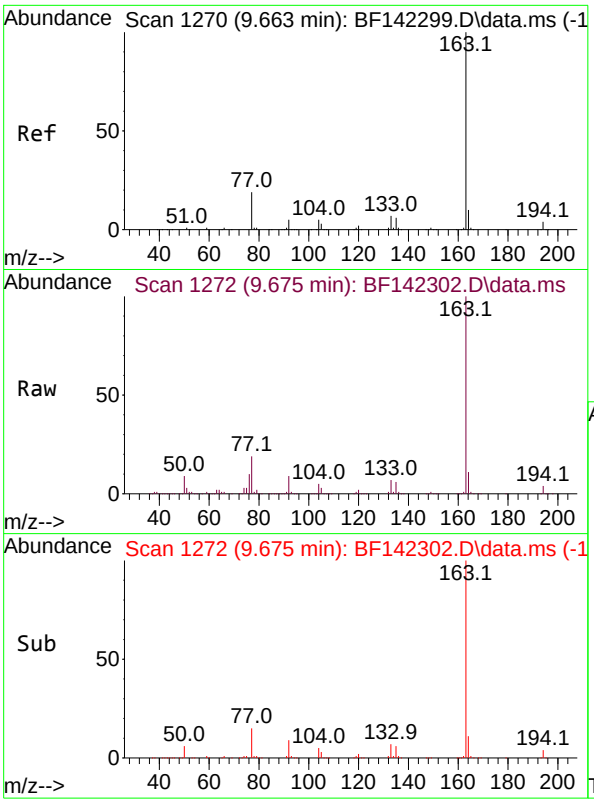


#49
Acenaphthylene
Concen: 69.830 ng
RT: 9.810 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

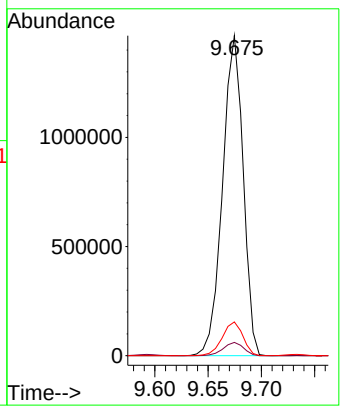
Tgt Ion:163 Resp: 196843

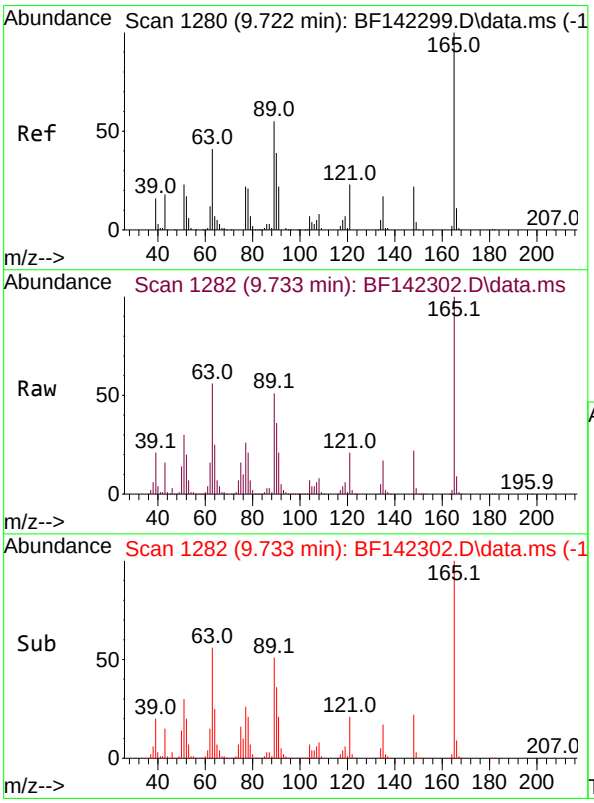
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.6	8.3	12.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

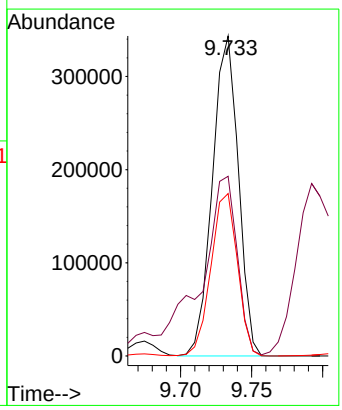


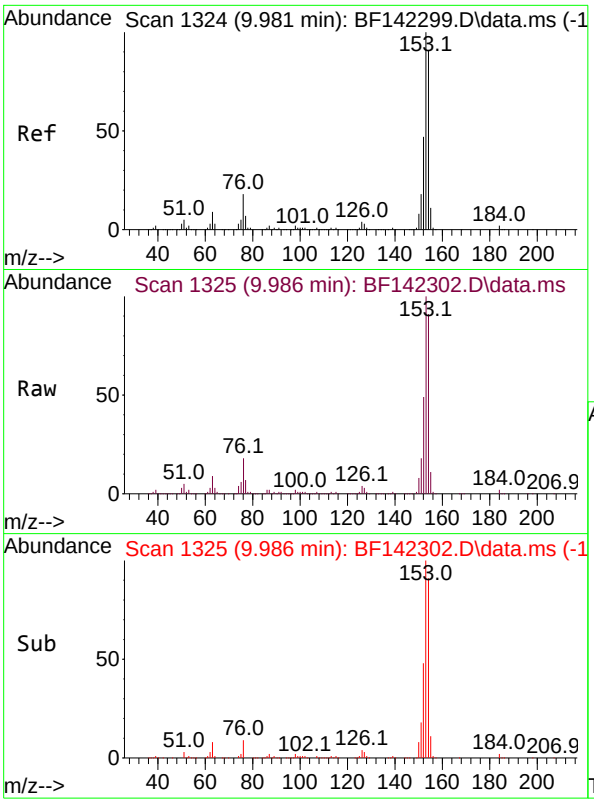


#51
2,6-Dinitrotoluene
Concen: 87.669 ng
RT: 9.733 min Scan# 1282
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

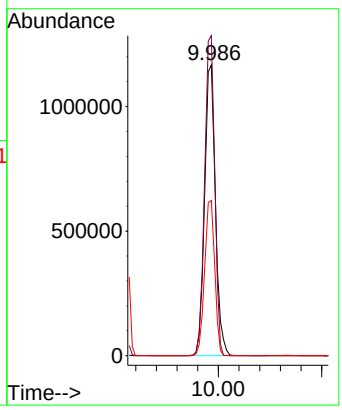




#52
Acenaphthene
Concen: 71.203 ng
RT: 9.986 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:154 Resp: 169402

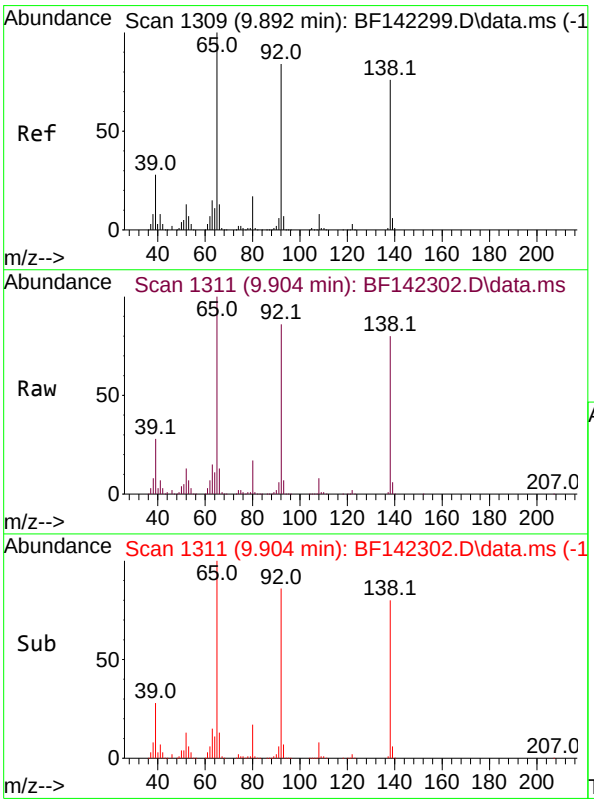
Ion	Ratio	Lower	Upper
154	100		
153	110.0	88.0	132.0
152	53.4	41.6	62.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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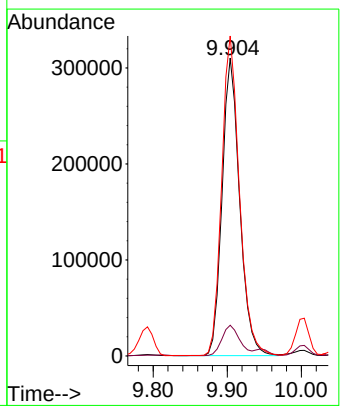
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

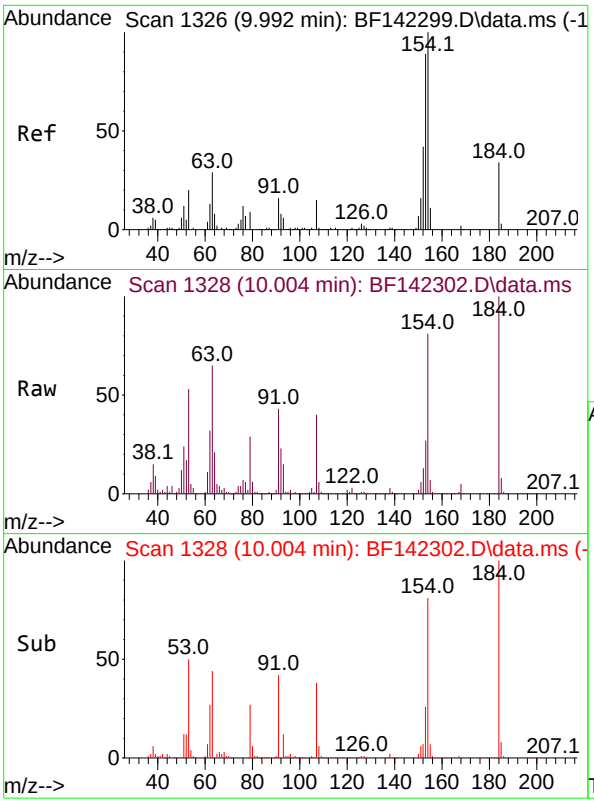


#53
3-Nitroaniline
Concen: 87.244 ng
RT: 9.904 min Scan# 1311
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

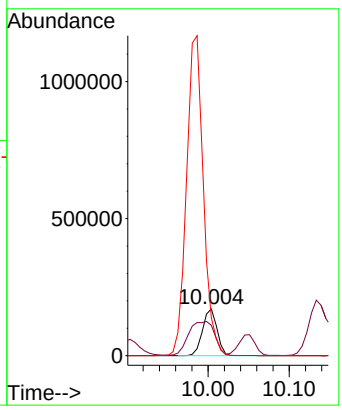




#54
2,4-Dinitrophenol
Concen: 80.686 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:184 Resp: 21065

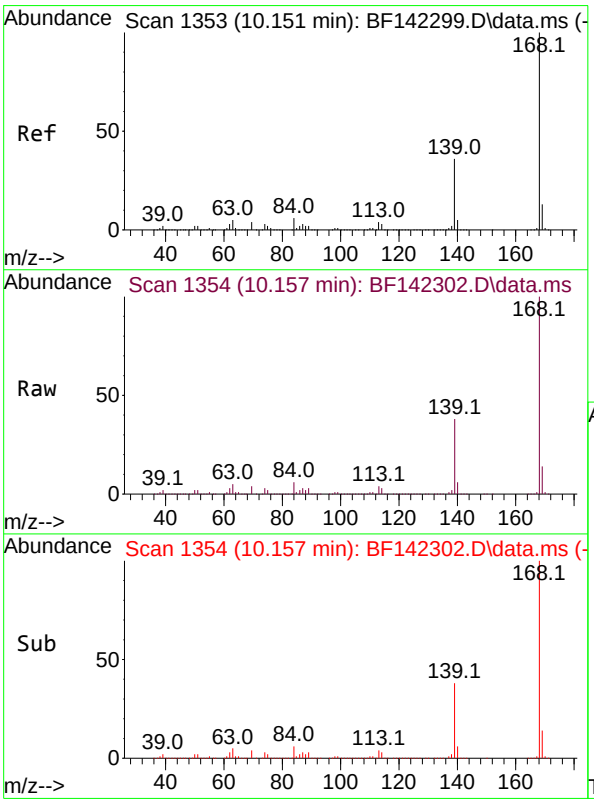
Ion	Ratio	Lower	Upper
184	100		
63	65.1	70.6	105.8#
154	81.2	257.2	385.8#



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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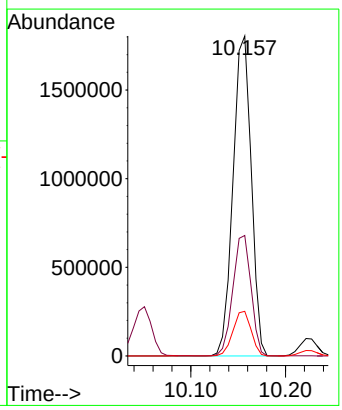
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

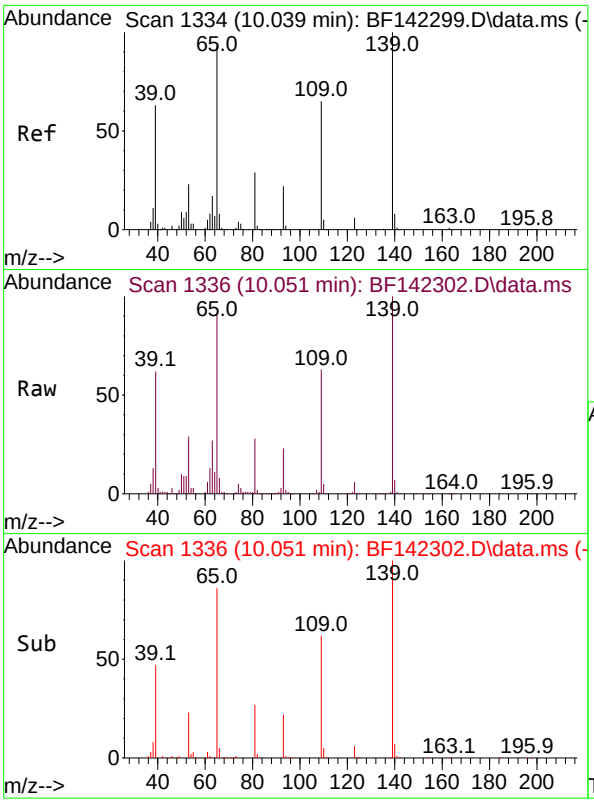


#55
Dibenzofuran
Concen: 68.642 ng
RT: 10.157 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

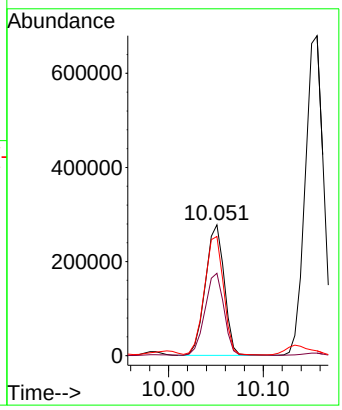
Tgt Ion:139 Resp: 38397

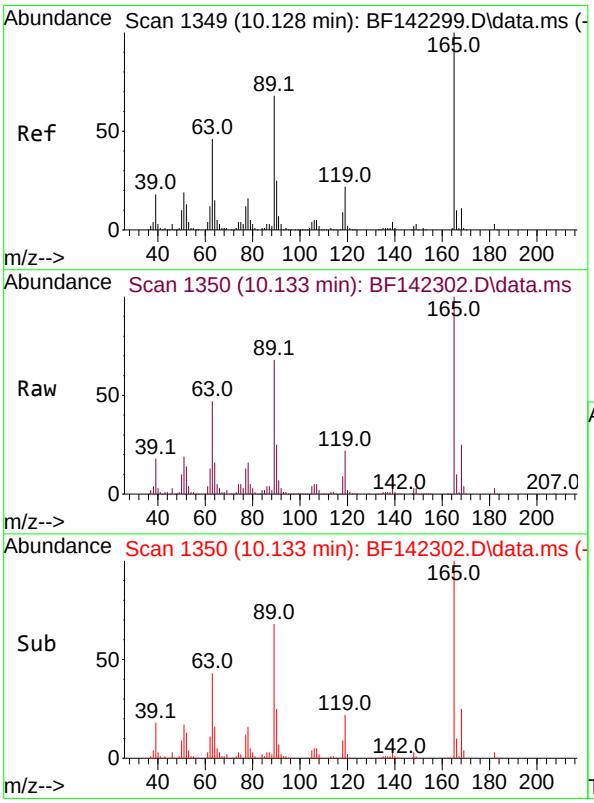
Ion	Ratio	Lower	Upper
139	100		
109	62.9	45.3	85.3
65	91.1	73.9	113.9

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

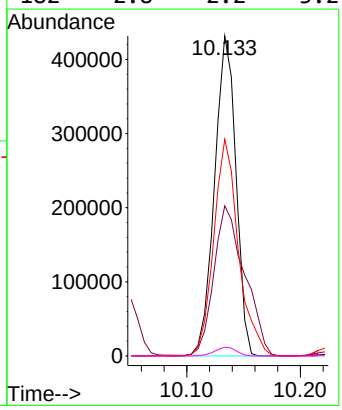


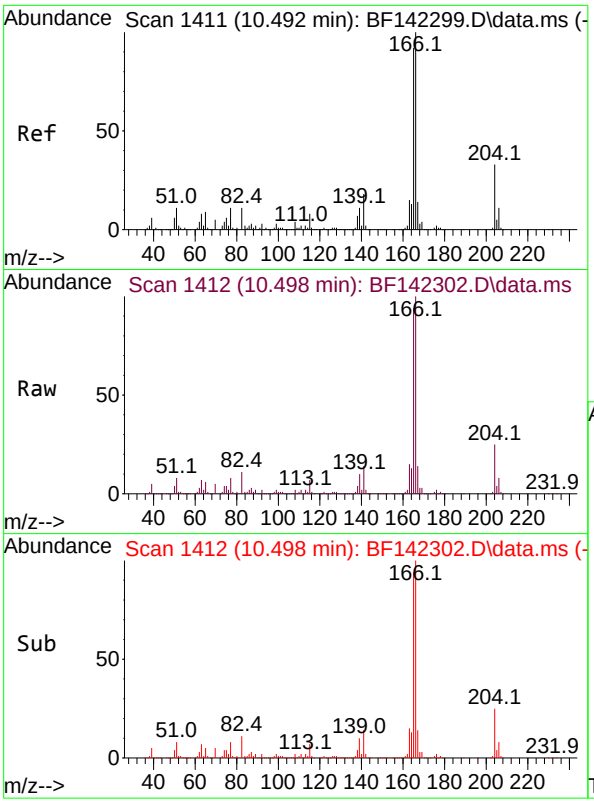


#57
2,4-Dinitrotoluene
Concen: 88.591 ng
RT: 10.133 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

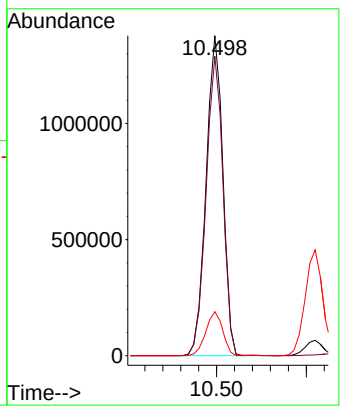




#58
Fluorene
Concen: 66.896 ng
RT: 10.498 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:166 Resp: 179254

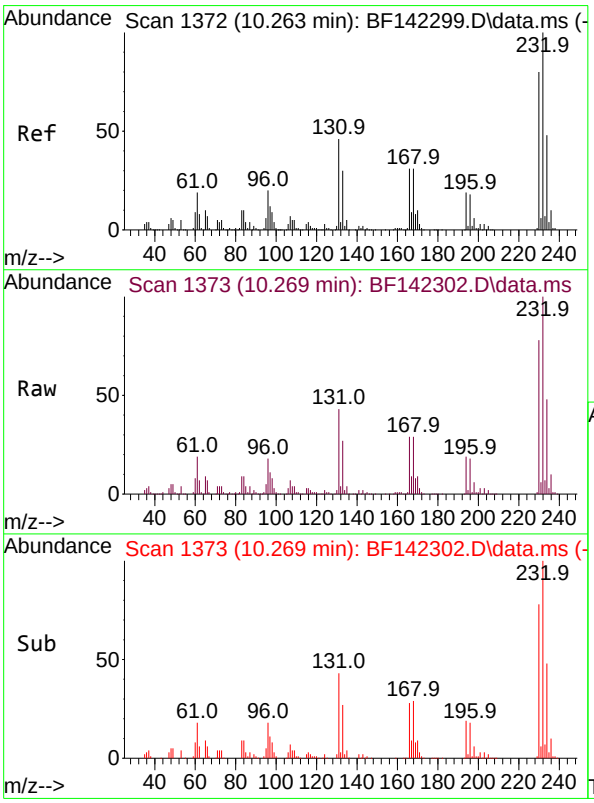
Ion	Ratio	Lower	Upper
166	100		
165	93.6	74.0	111.0
167	13.8	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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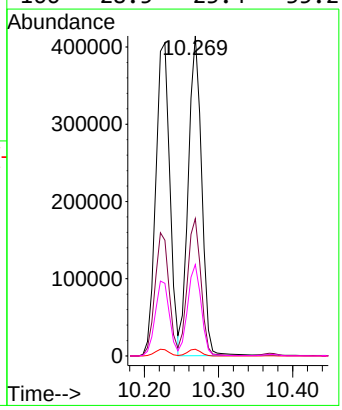
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

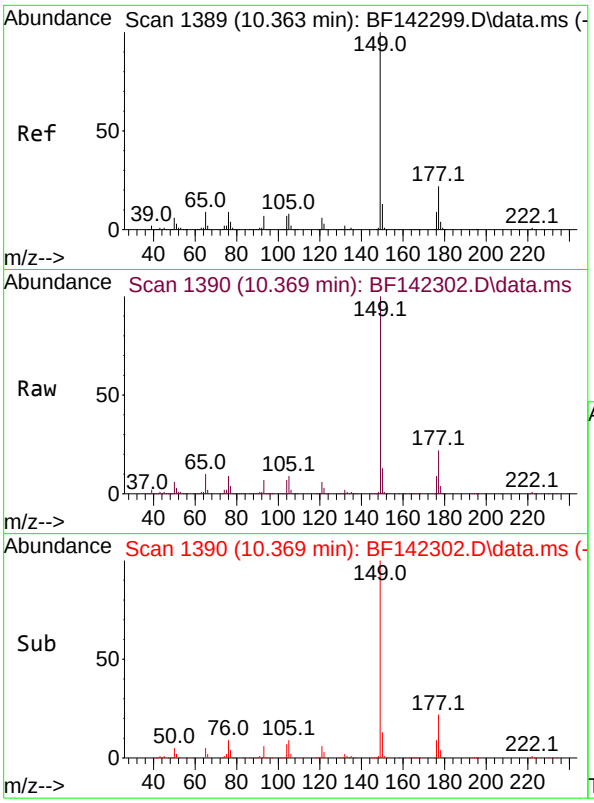


#59
2,3,4,6-Tetrachlorophenol
Concen: 81.113 ng
RT: 10.269 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

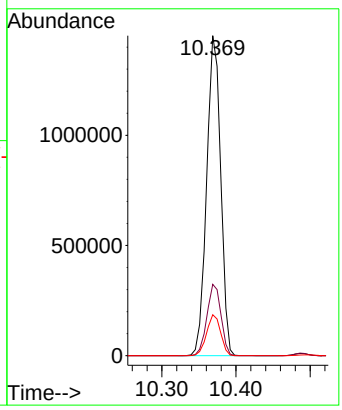




#60
Diethylphthalate
Concen: 71.766 ng
RT: 10.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:149 Resp: 190901

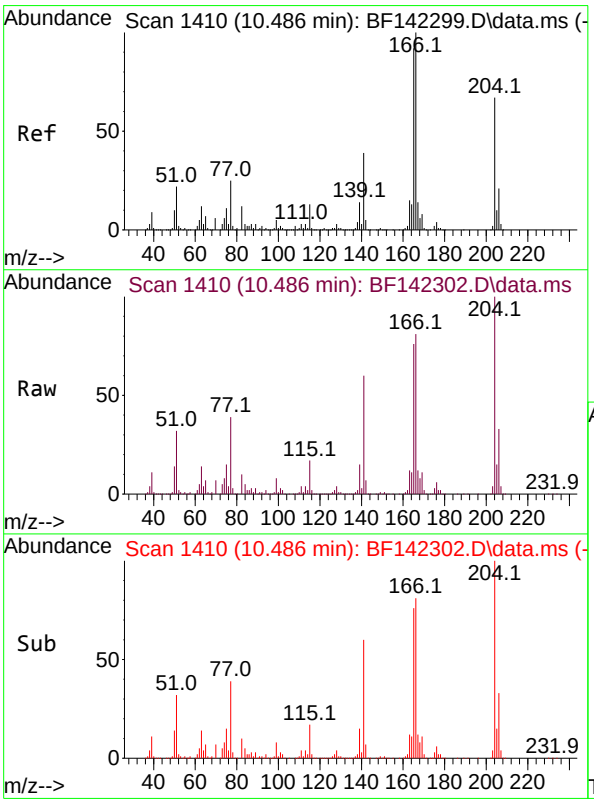
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.6	26.4
150	12.8	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

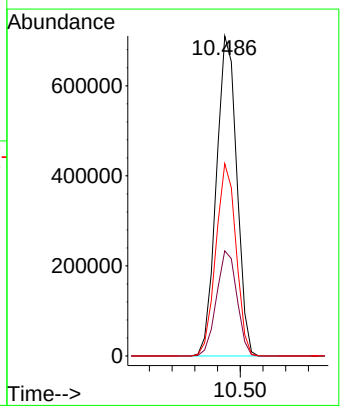
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

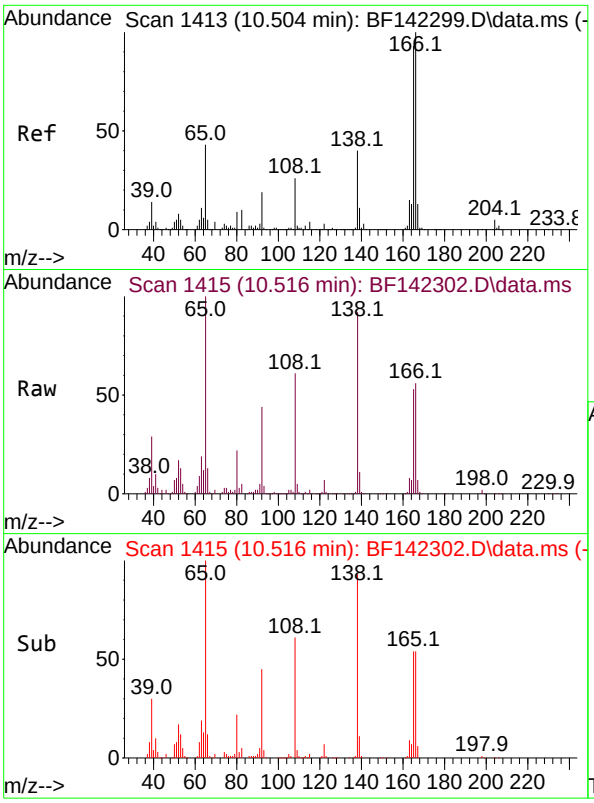


#61
4-Chlorophenyl-phenylether
Concen: 68.707 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

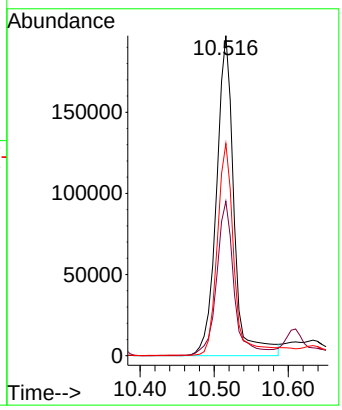
Tgt Ion:138 Resp: 32392

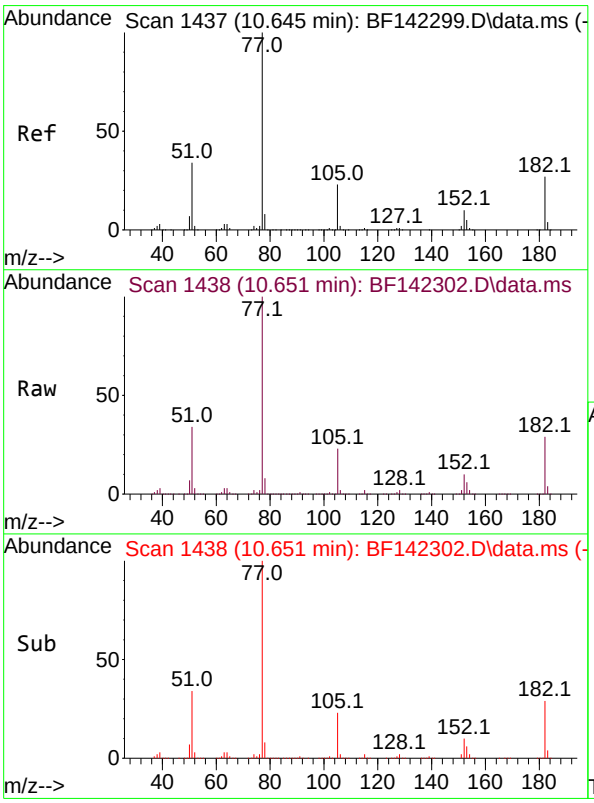
Ion	Ratio	Lower	Upper
138	100		
92	48.3	27.3	67.3
108	66.3	45.1	85.1

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

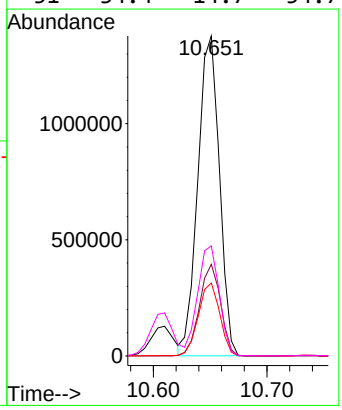


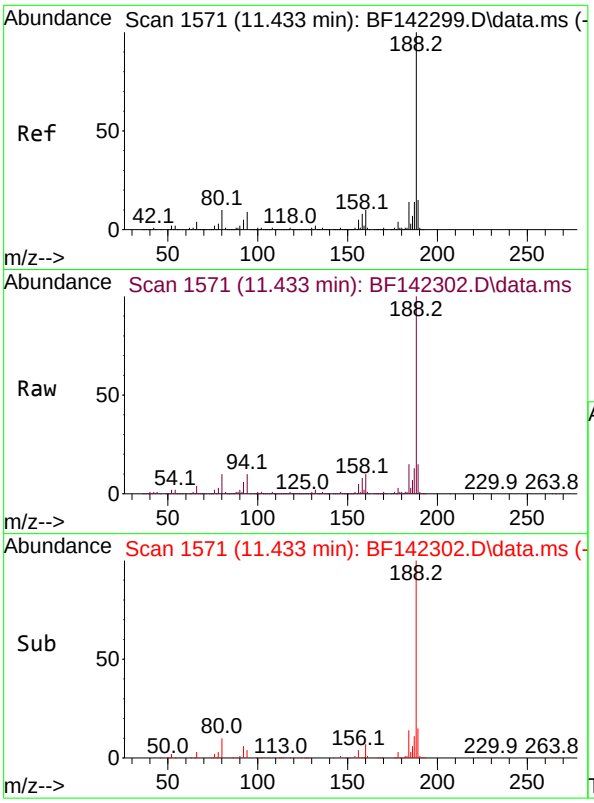


#63
Azobenzene
Concen: 71.660 ng
RT: 10.651 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

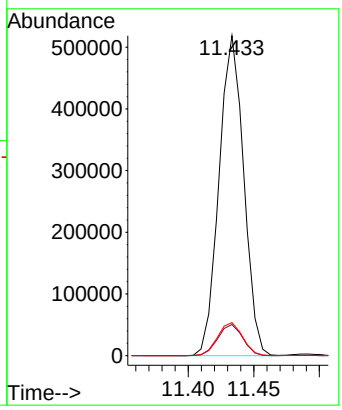
Tgt Ion:188 Resp: 67924

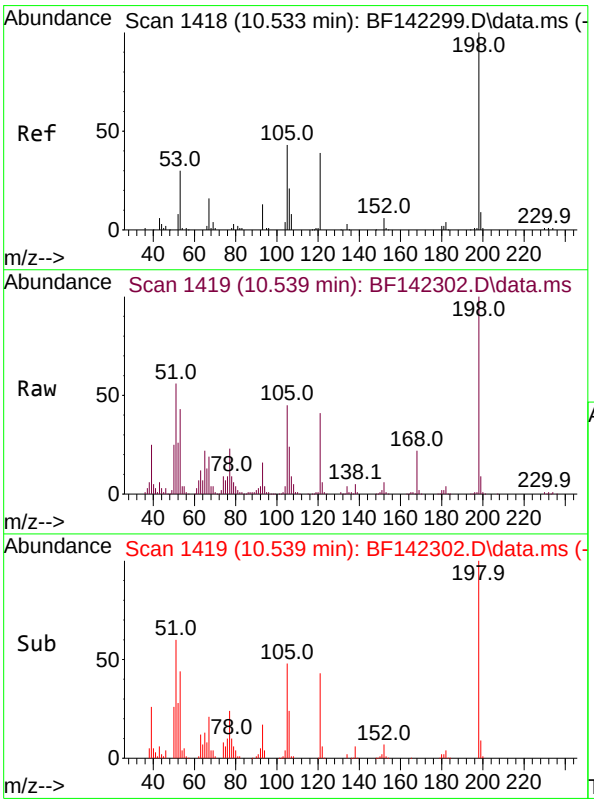
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.5	11.3
80	10.3	7.9	11.9

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

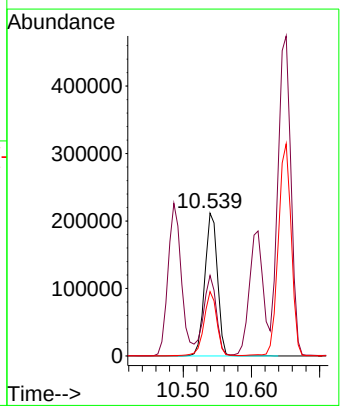


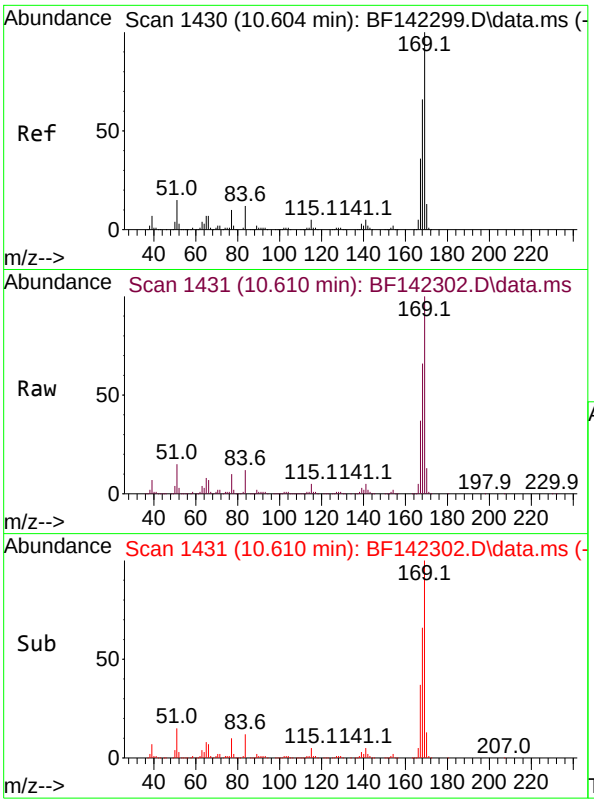


#65
4,6-Dinitro-2-methylphenol
Concen: 80.746 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

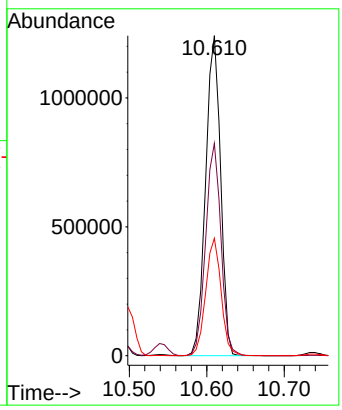




#66
n-Nitrosodiphenylamine
Concen: 73.372 ng
RT: 10.610 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:169 Resp: 165839

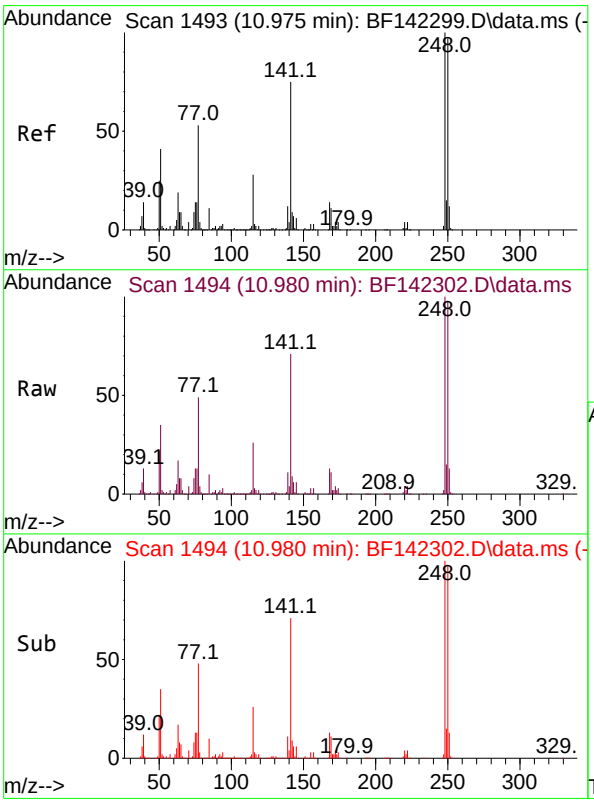
Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.2	79.8
167	36.7	28.9	43.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

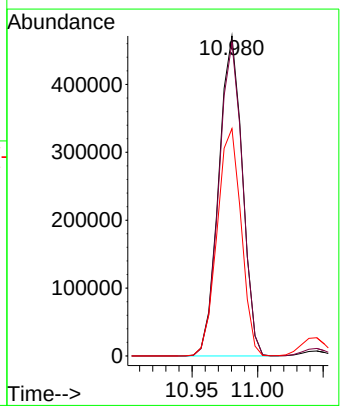
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

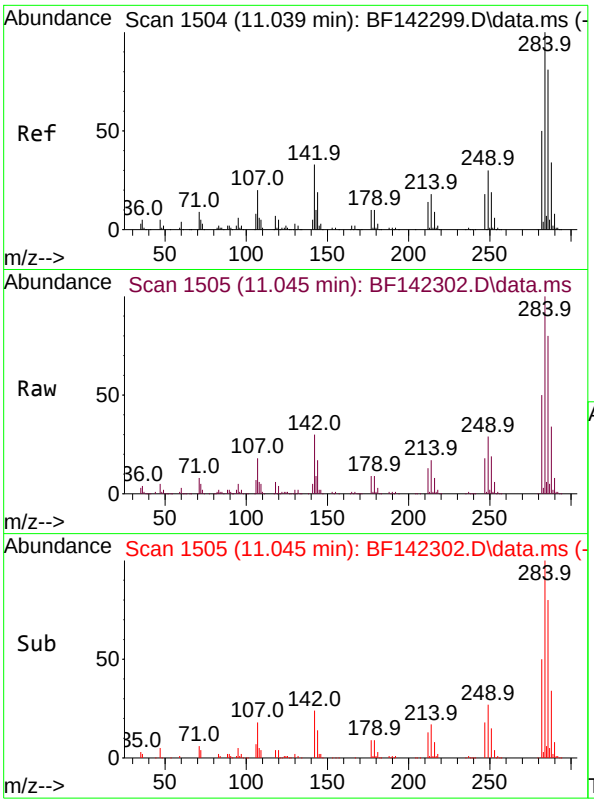


#67
4-Bromophenyl-phenylether
Concen: 76.716 ng
RT: 10.980 min Scan# 1494
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

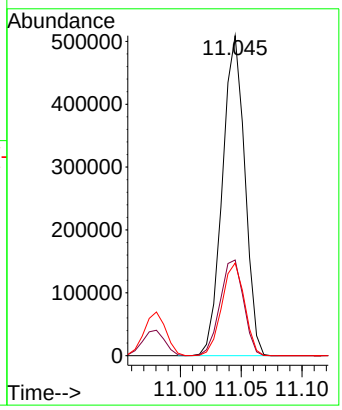




#68
Hexachlorobenzene
Concen: 76.857 ng
RT: 11.045 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:284 Resp: 65080

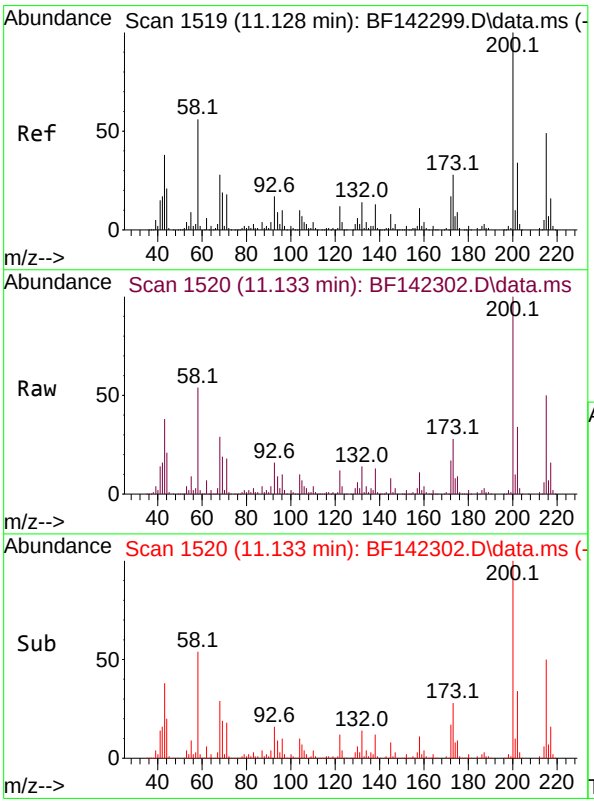
Ion	Ratio	Lower	Upper
284	100		
142	29.9	26.6	39.8
249	29.0	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

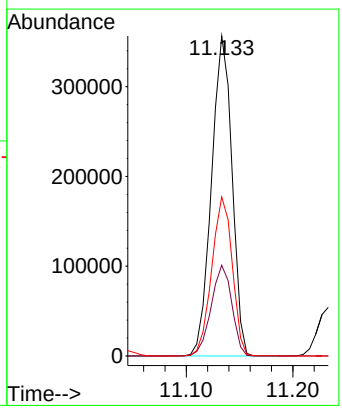
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

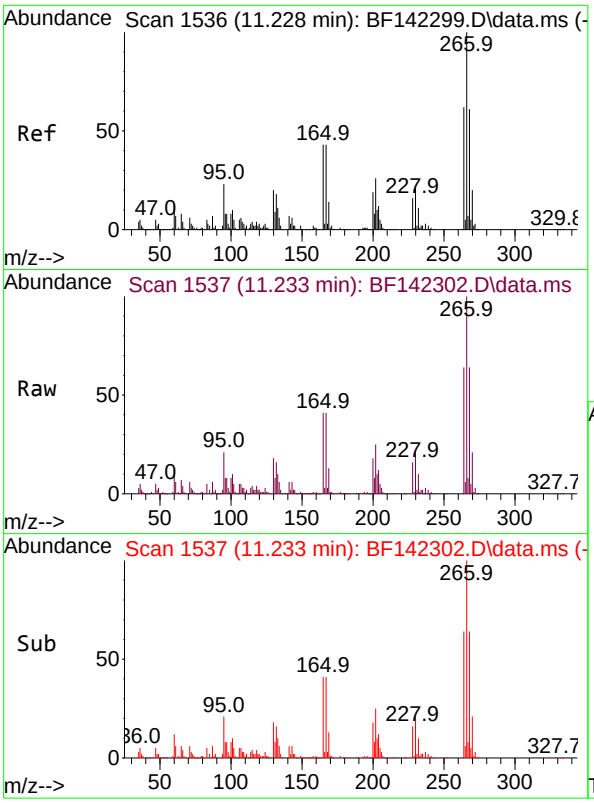


#69
Atrazine
Concen: 79.910 ng
RT: 11.133 min Scan# 1520
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

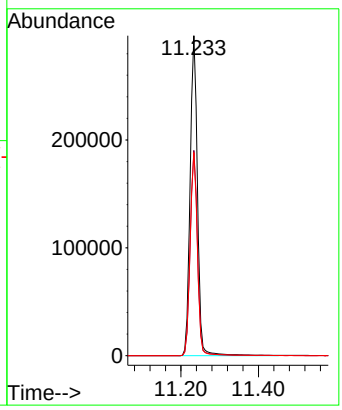




#70
Pentachlorophenol
Concen: 87.666 ng
RT: 11.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:266 Resp: 39051

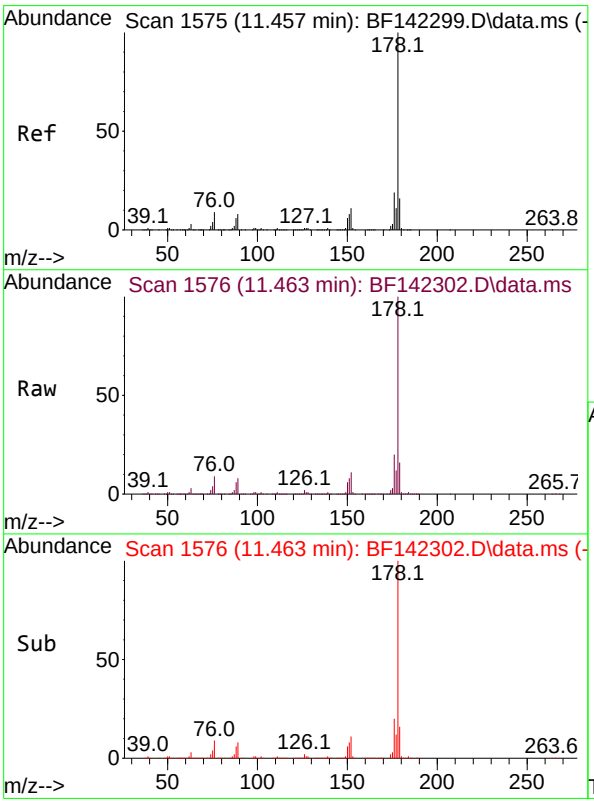
Ion	Ratio	Lower	Upper
266	100		
268	64.2	48.7	73.1
264	63.5	49.8	74.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

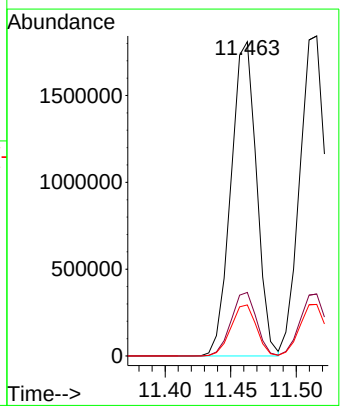
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

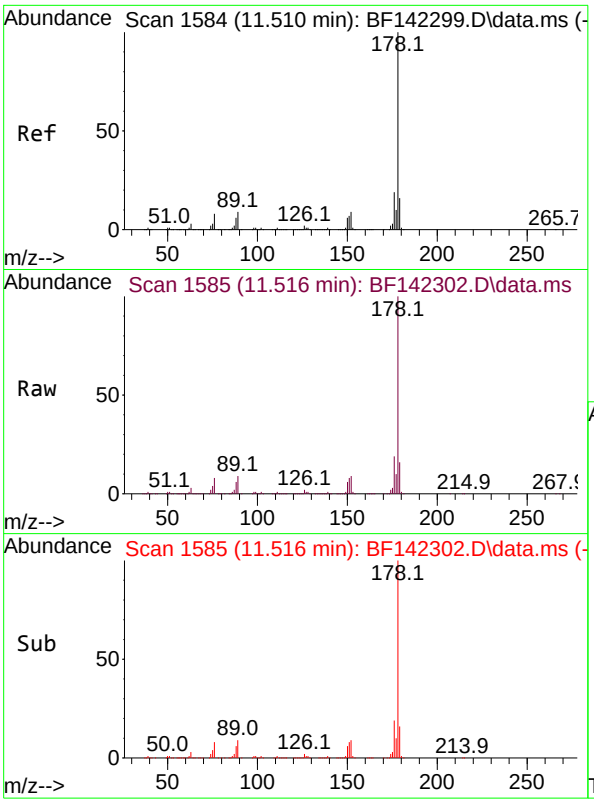


#71
Phenanthrene
Concen: 69.101 ng
RT: 11.463 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

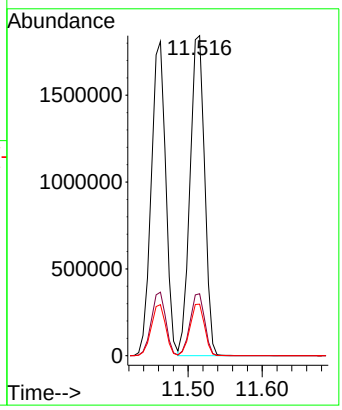




#72
Anthracene
Concen: 68.834 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:178 Resp: 251816

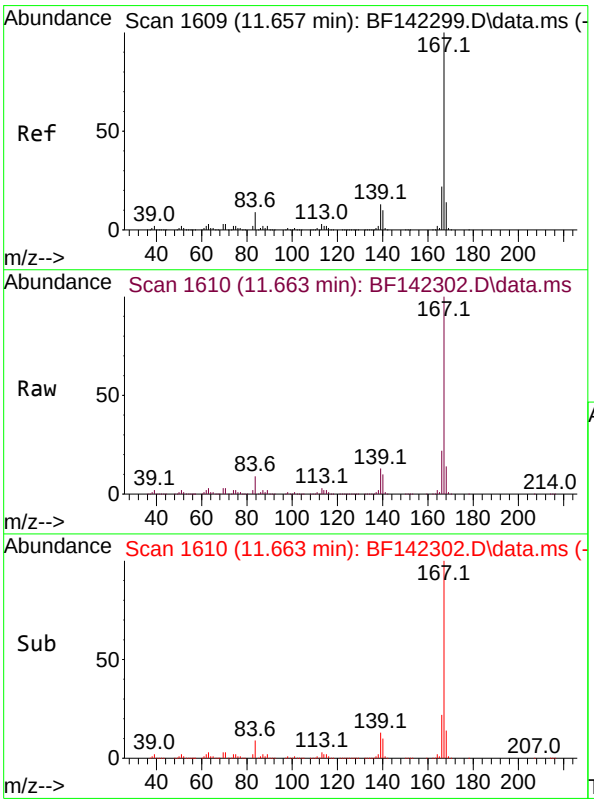
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	16.1	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

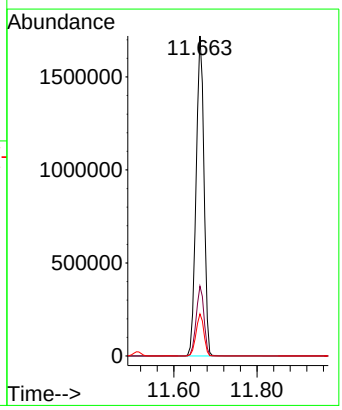
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

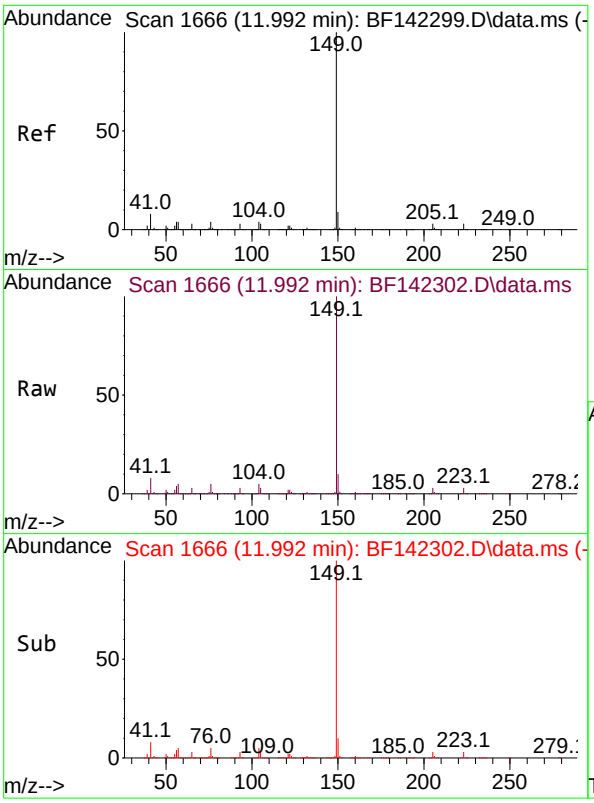


#73
Carbazole
Concen: 69.290 ng
RT: 11.663 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

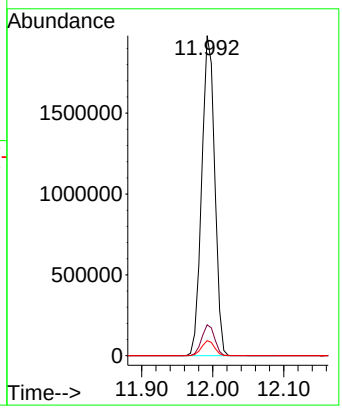




#74
Di-n-butylphthalate
Concen: 73.060 ng
RT: 11.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:149 Resp: 252148

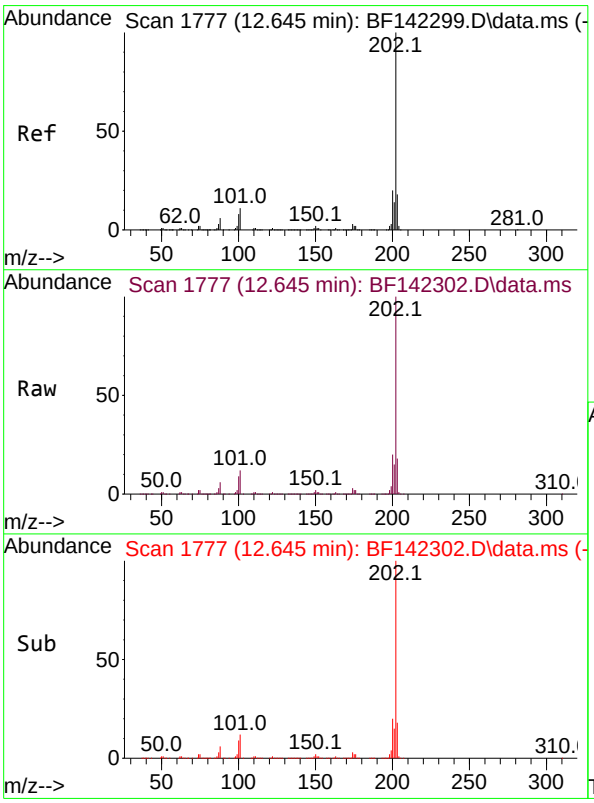
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	4.7	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

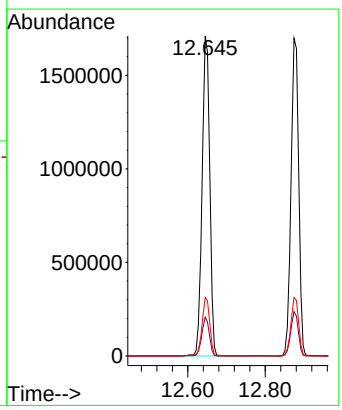
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

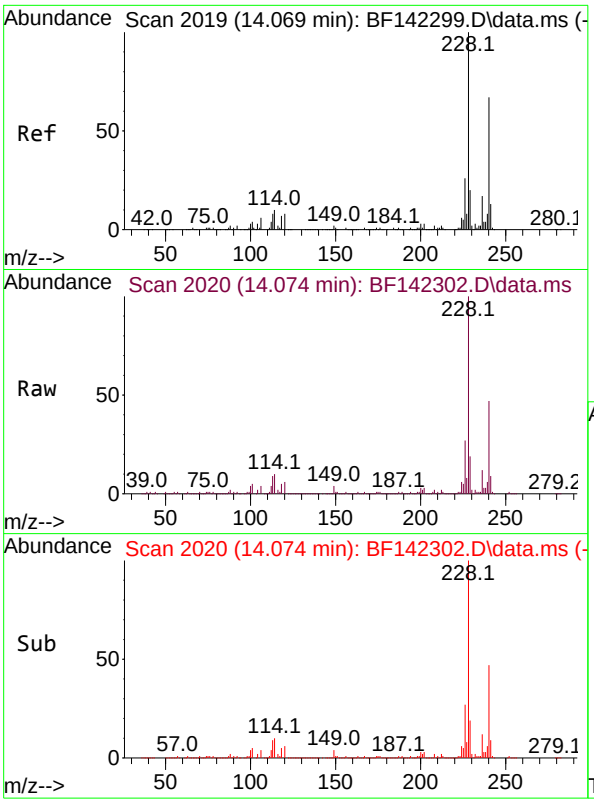


#75
Fluoranthene
Concen: 65.892 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

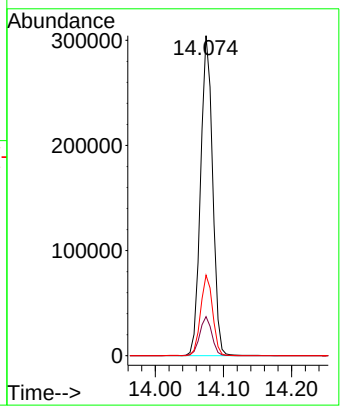




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:240 Resp: 37392

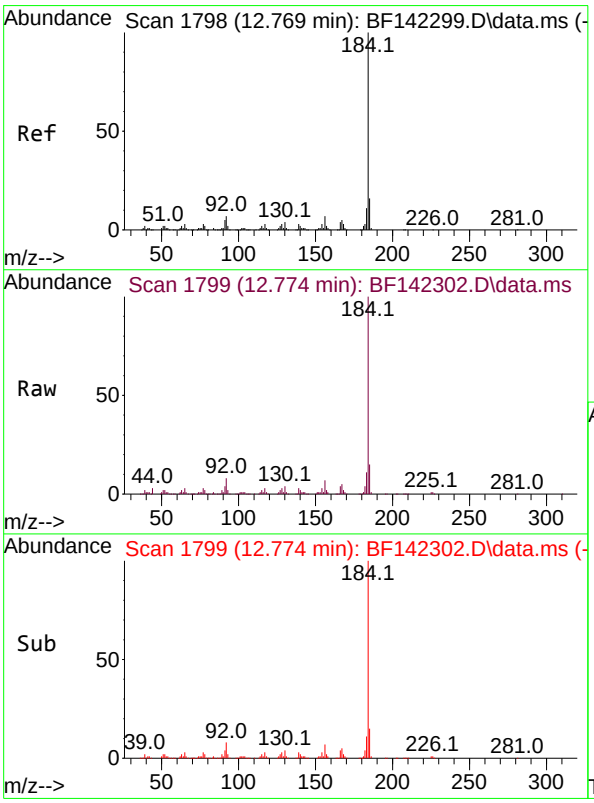
Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.7	14.5
236	25.2	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

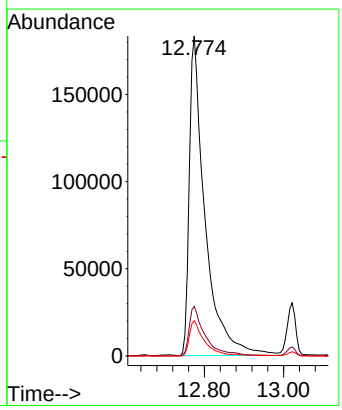
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

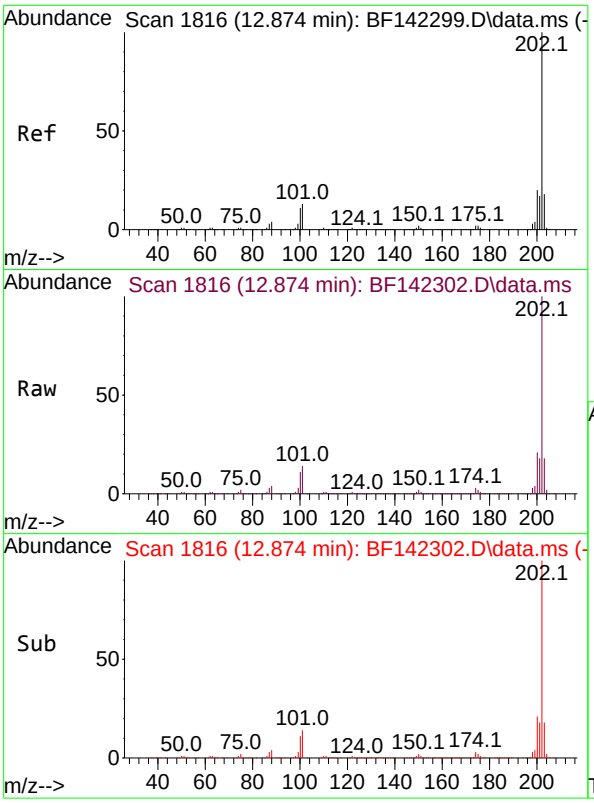


#77
Benzidine
Concen: 74.263 ng
RT: 12.774 min Scan# 1799
Delta R.T. 0.005 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

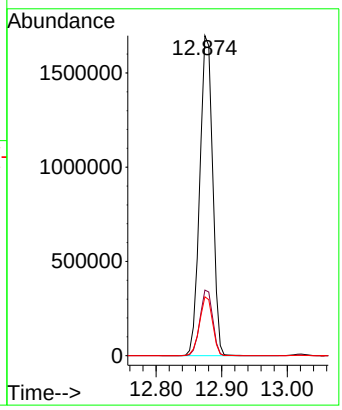




#78
Pyrene
Concen: 69.874 ng
RT: 12.874 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:202 Resp: 232563

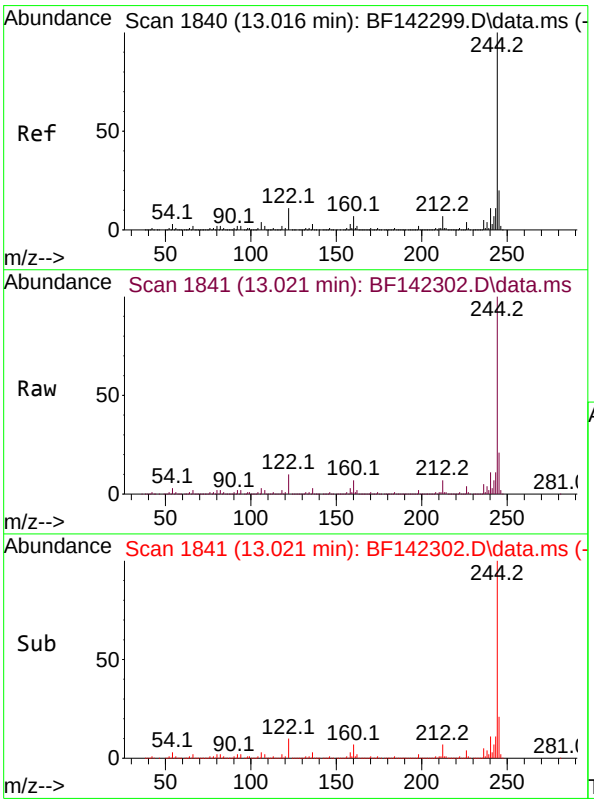
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.4
203	18.4	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

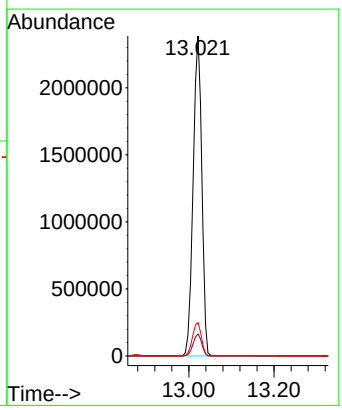
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

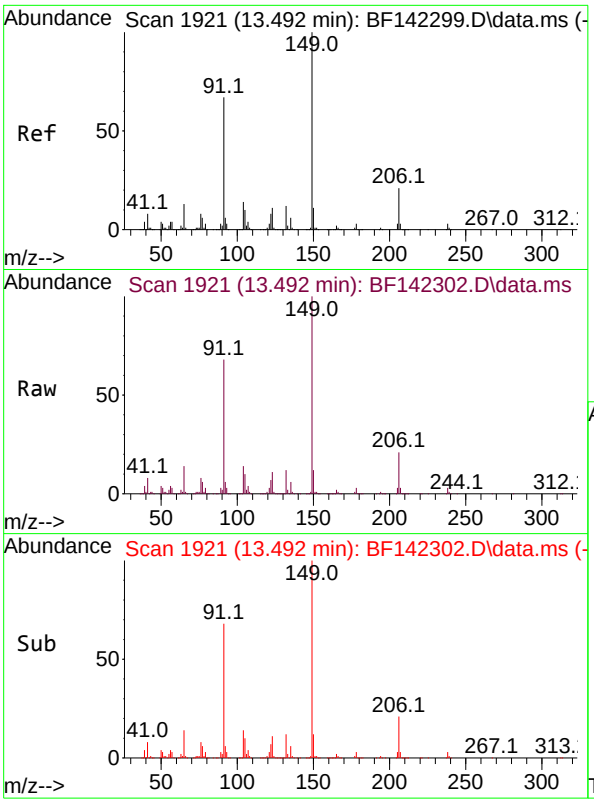


#79
Terphenyl-d14
Concen: 133.004 ng
RT: 13.021 min Scan# 1841
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

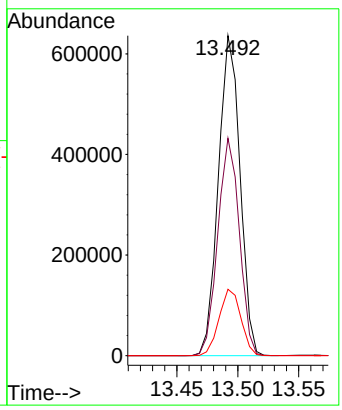




#80
Butylbenzylphthalate
Concen: 78.621 ng
RT: 13.492 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:149 Resp: 78821

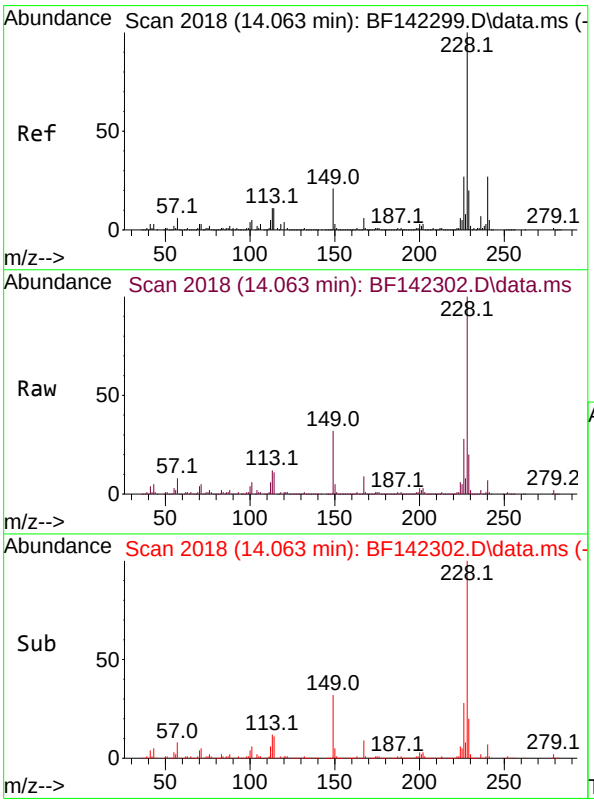
Ion	Ratio	Lower	Upper
149	100		
91	67.9	53.8	80.6
206	20.8	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

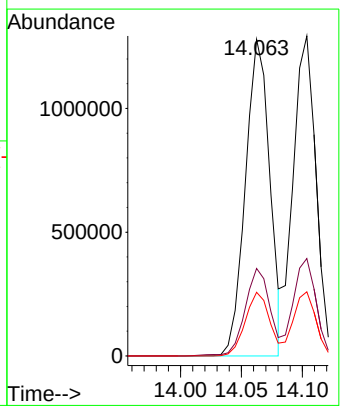
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

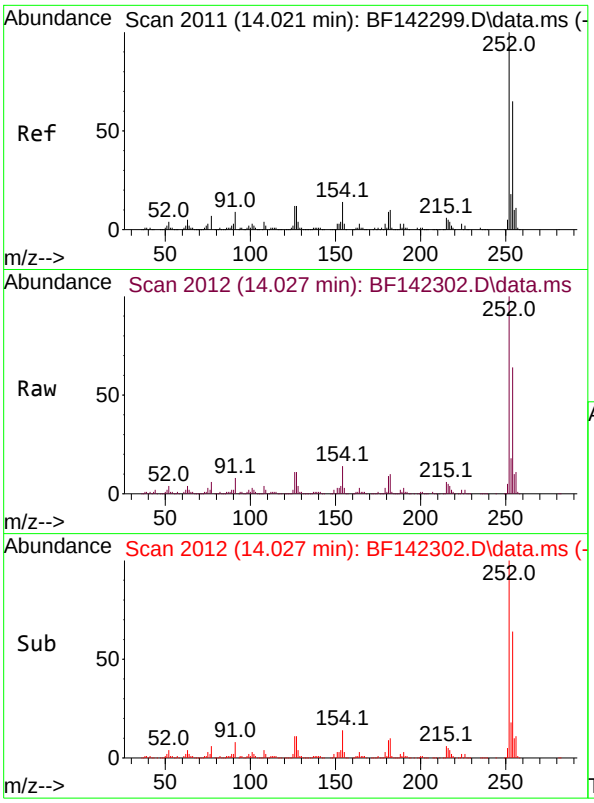


#81
Benzo(a)anthracene
Concen: 73.621 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

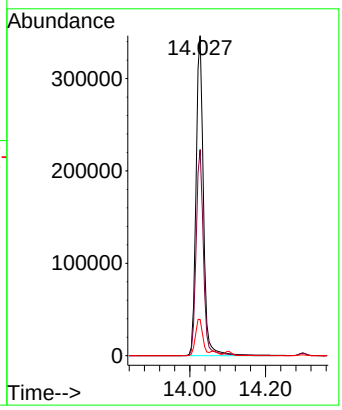




#82
3,3'-Dichlorobenzidine
Concen: 84.217 ng
RT: 14.027 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:252 Resp: 47426

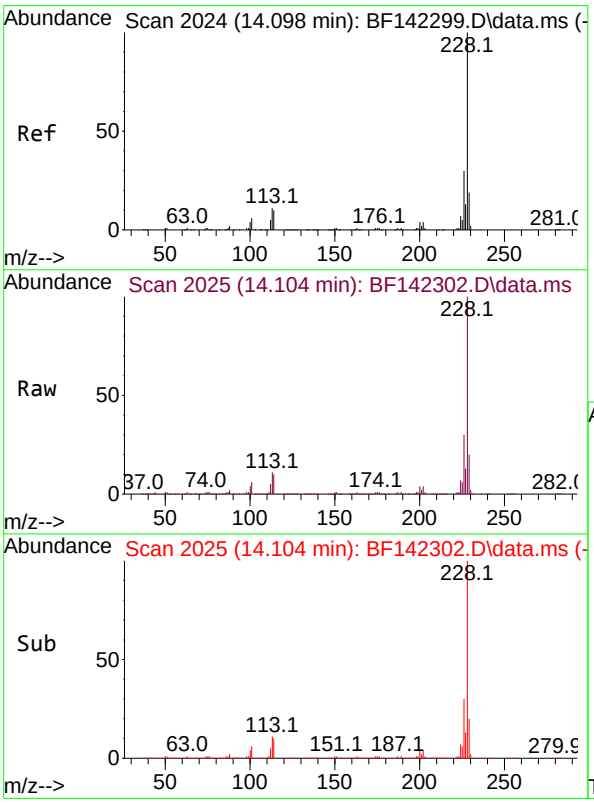
Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.0	78.0
126	11.3	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

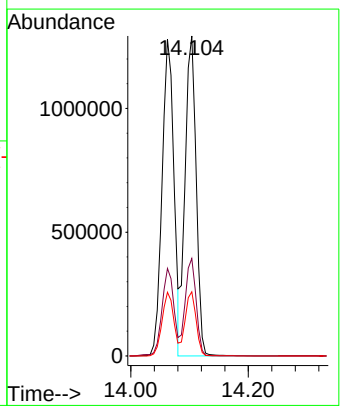
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

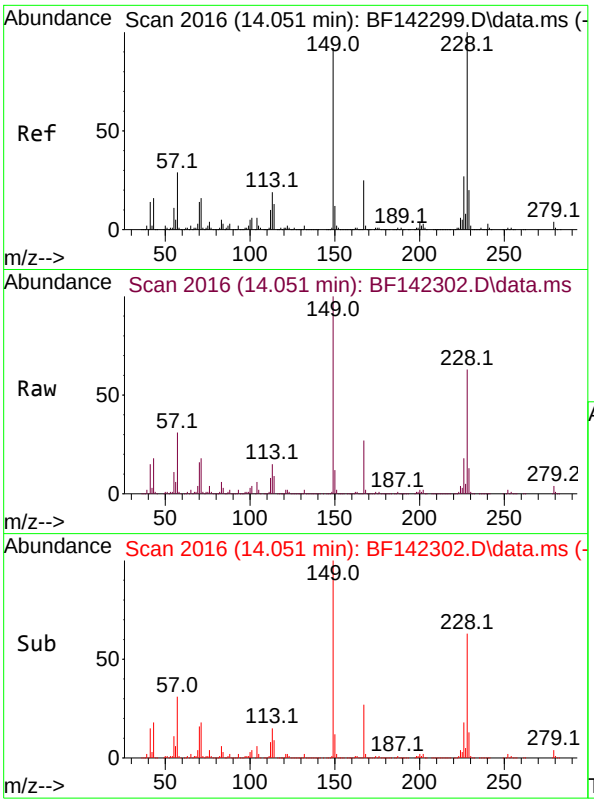


#83
Chrysene
Concen: 74.873 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

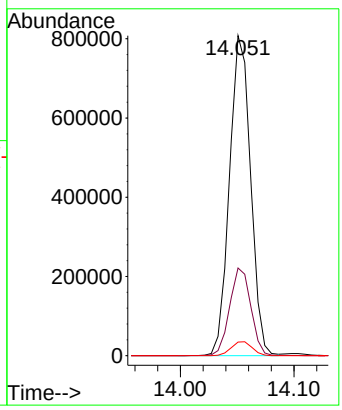
Tgt Ion:149 Resp: 104284

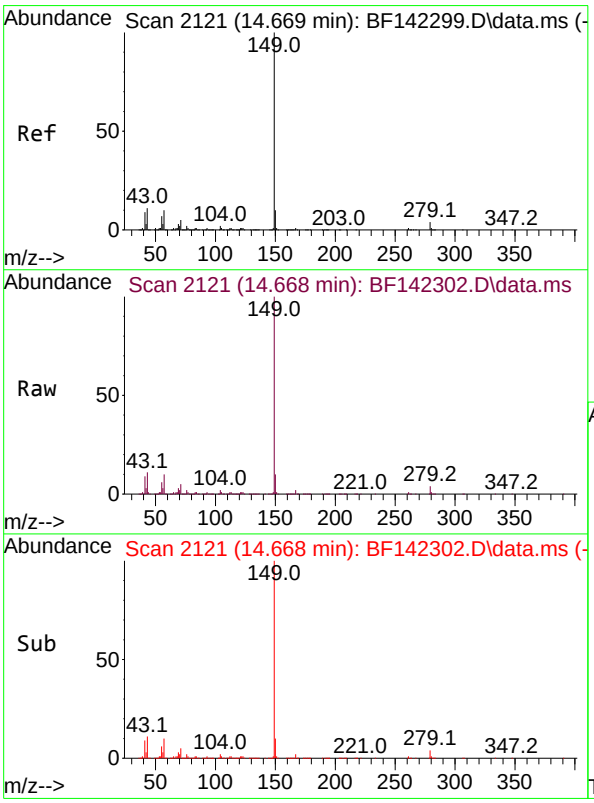
Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.0	33.0
279	4.2	3.0	4.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

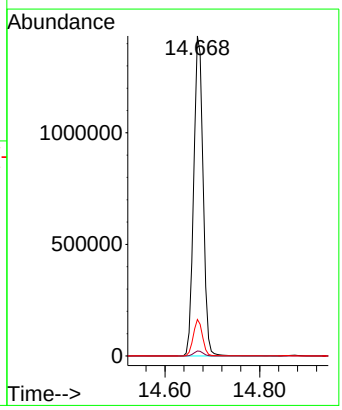


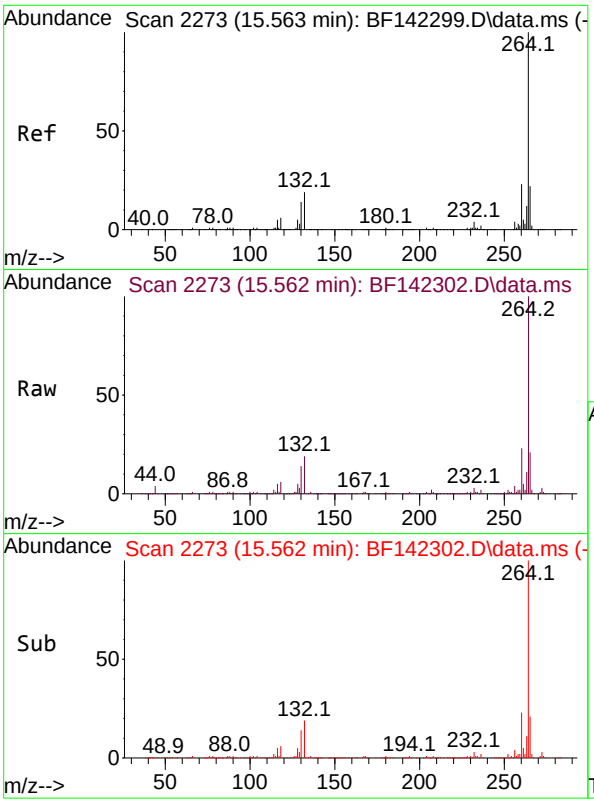


#85
Di-n-octyl phthalate
Concen: 80.100 ng
RT: 14.668 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

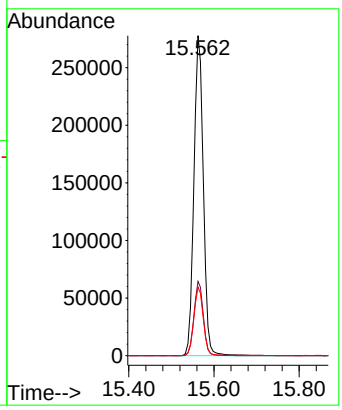
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

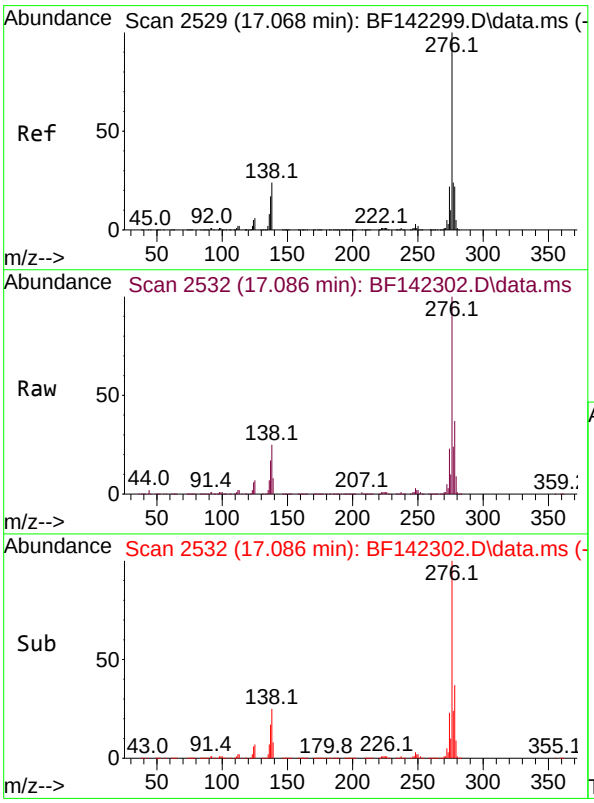
Tgt Ion:264 Resp: 42661

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

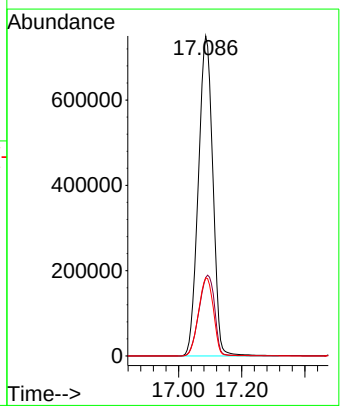


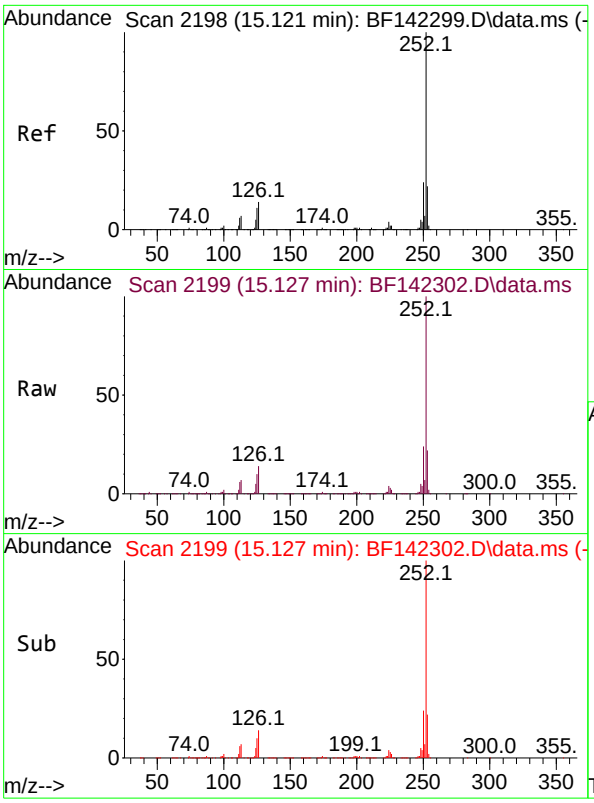


#87
Indeno(1,2,3-cd)pyrene
Concen: 80.614 ng
RT: 17.086 min Scan# 2532
Delta R.T. 0.017 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

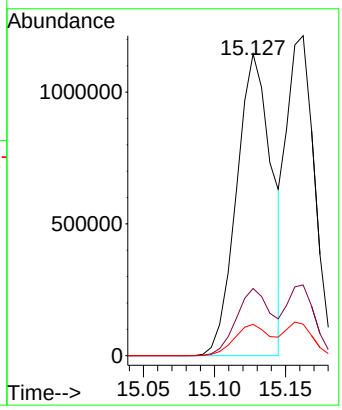




#88
Benzo(b)fluoranthene
Concen: 76.350 ng
RT: 15.127 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:252 Resp: 197274

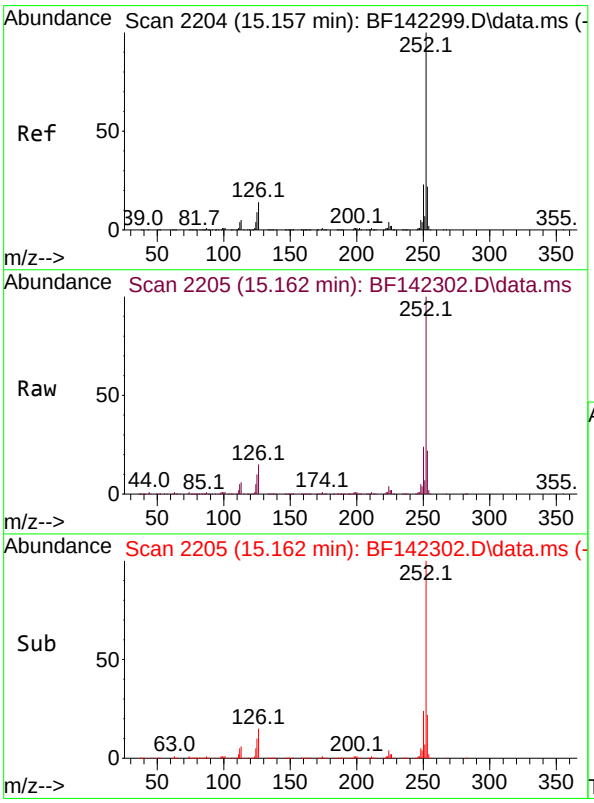
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.4	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

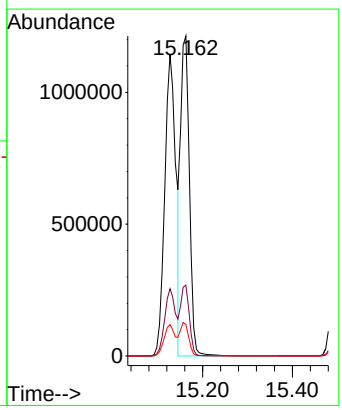
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

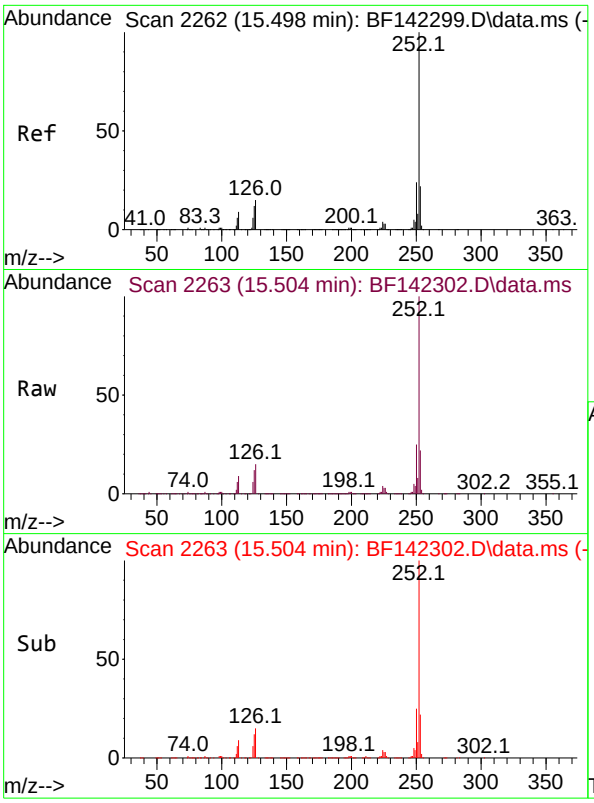


#89
Benzo(k)fluoranthene
Concen: 69.919 ng
RT: 15.162 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

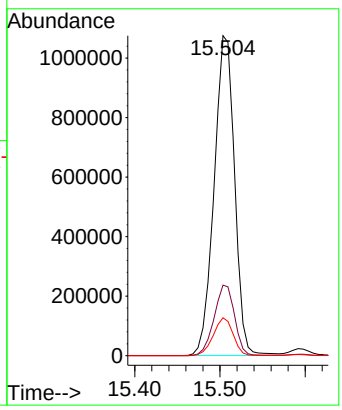




#90
Benzo(a)pyrene
Concen: 77.653 ng
RT: 15.504 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:252 Resp: 179797

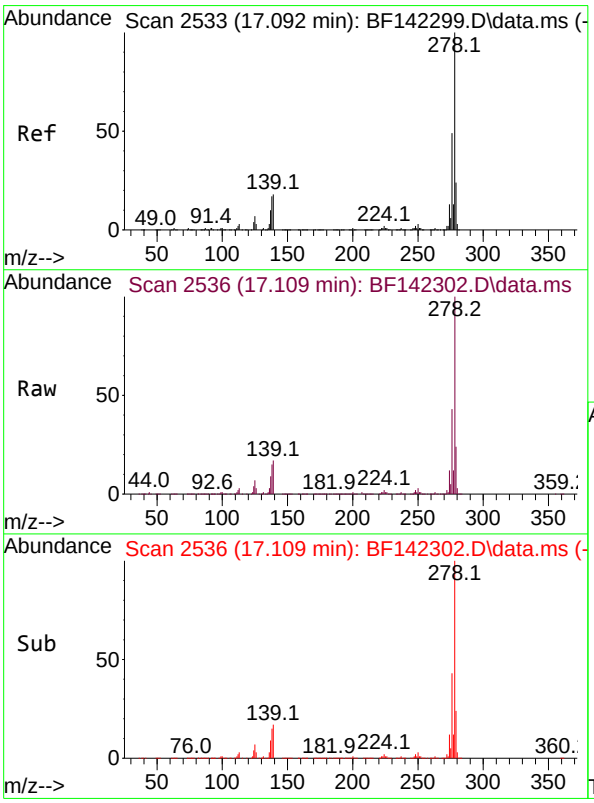
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.9	9.4	14.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

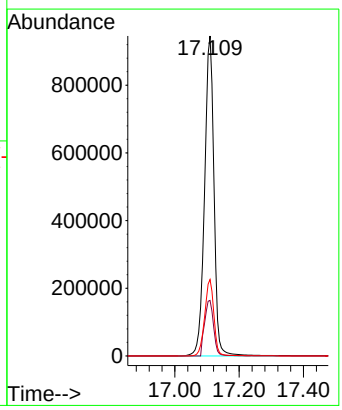
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

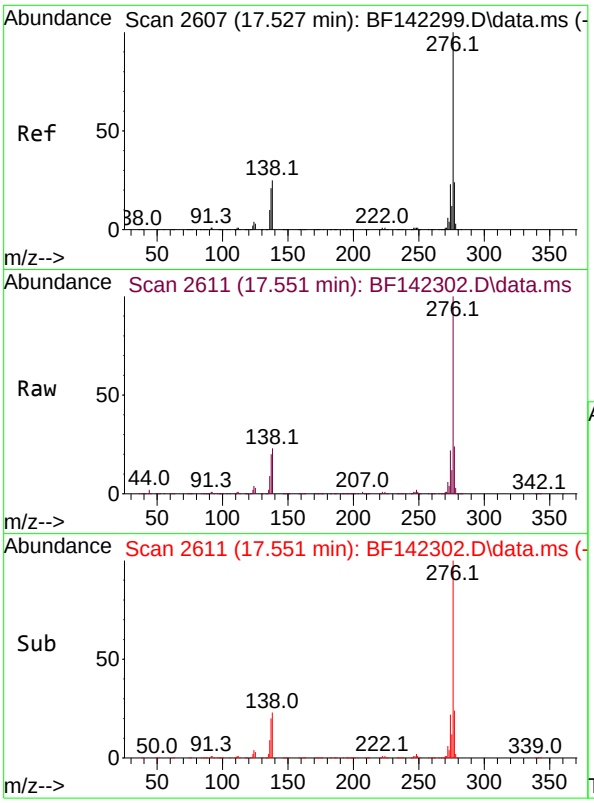


#91
Dibenzo(a,h)anthracene
Concen: 78.562 ng
RT: 17.109 min Scan# 2536
Delta R.T. 0.017 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

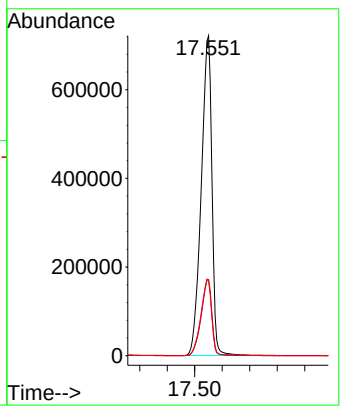




#92
Benzo(g,h,i)perylene
Concen: 80.182 ng
RT: 17.551 min Scan# 2
Delta R.T. 0.023 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

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

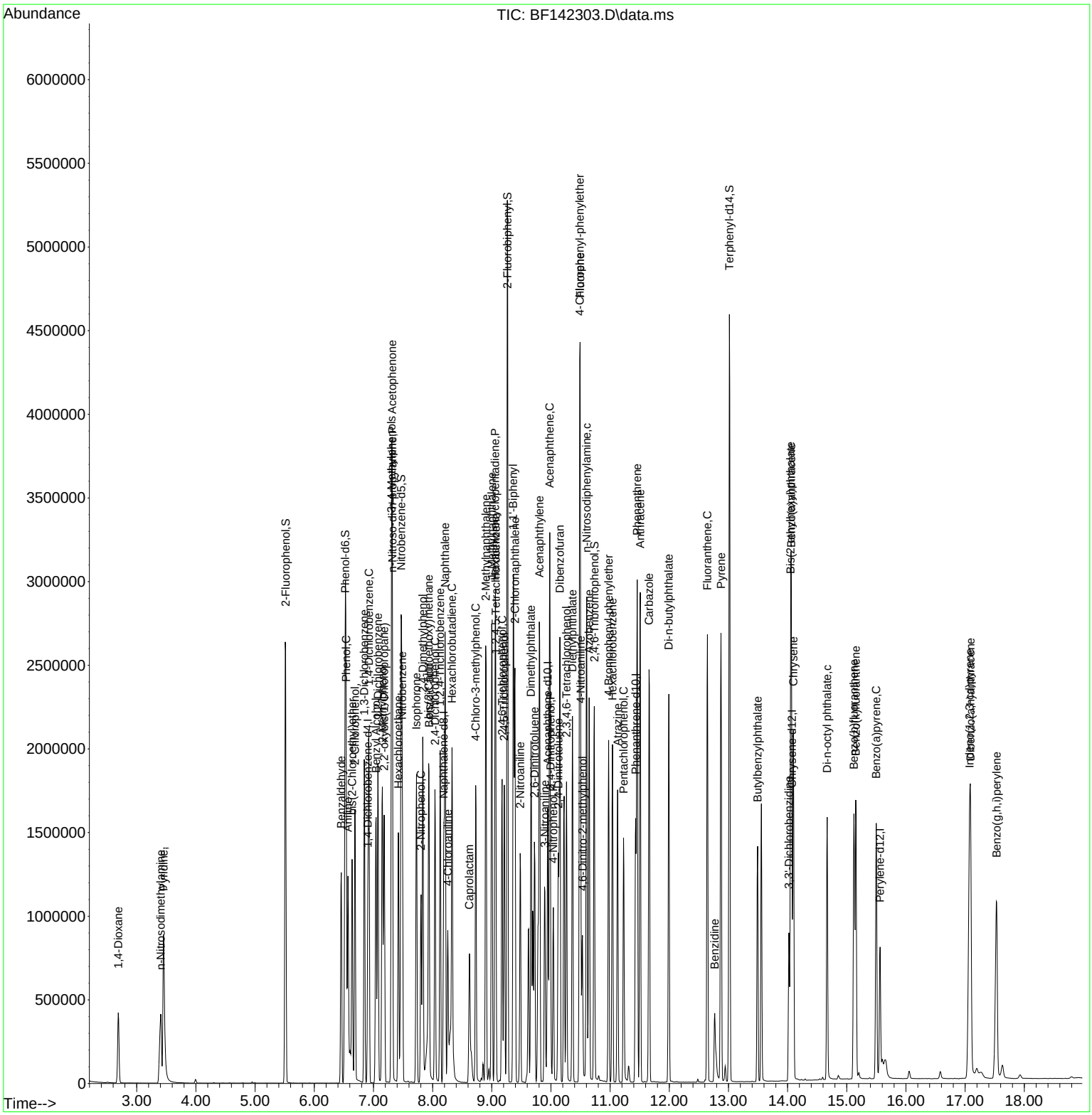
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

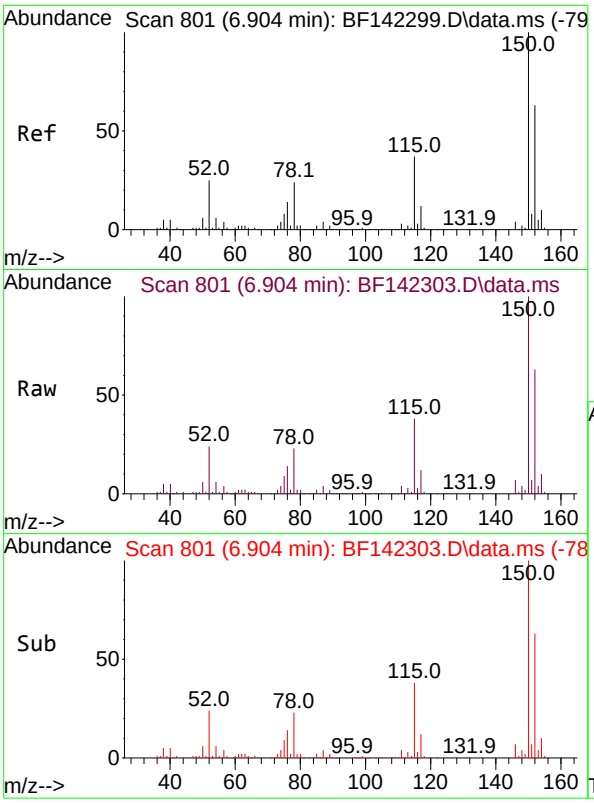
Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

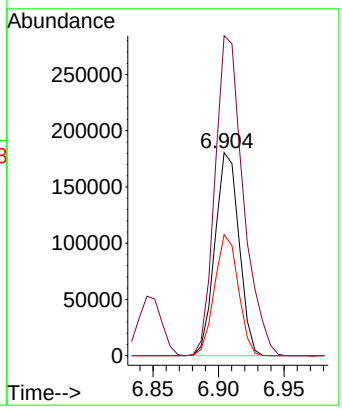




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:152 Resp: 23018(

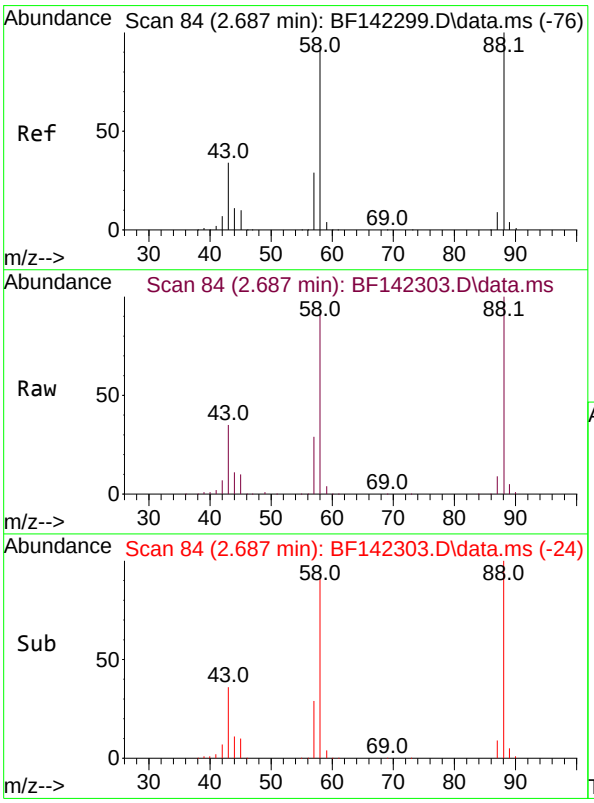
Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.6	190.0
115	59.7	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

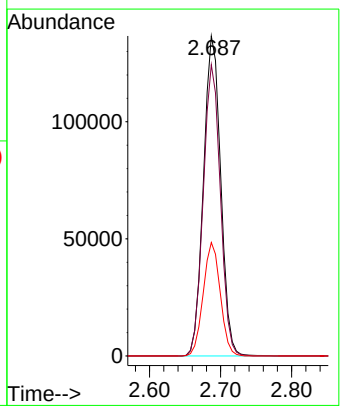
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

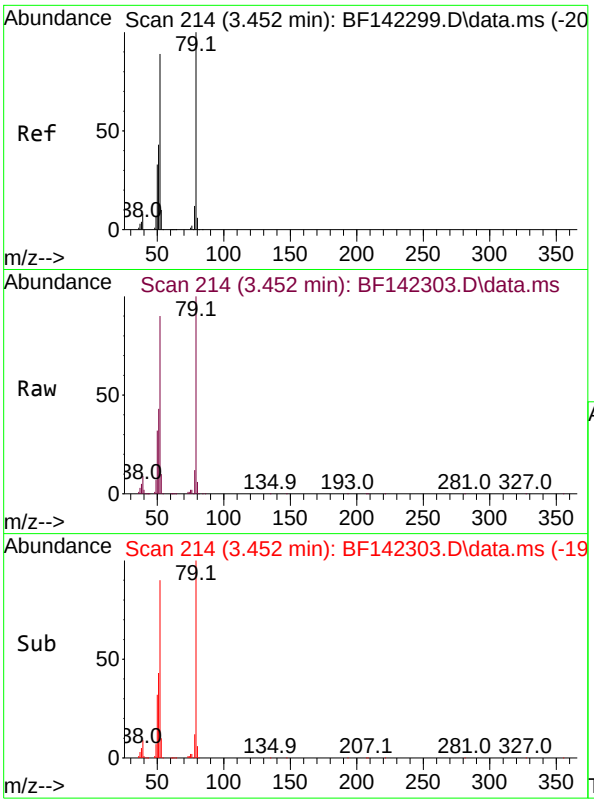


#2
1,4-Dioxane
Concen: 38.046 ng
RT: 2.687 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

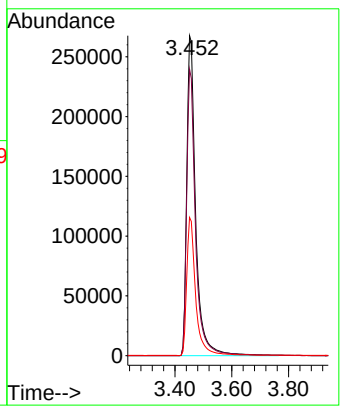




#3
Pyridine
Concen: 40.992 ng
RT: 3.452 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 79 Resp: 58438

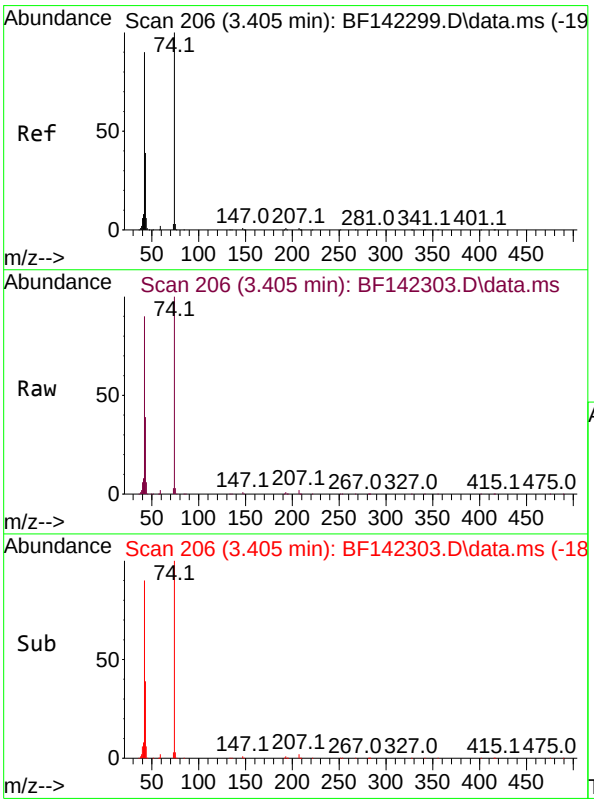
Ion	Ratio	Lower	Upper
79	100		
52	89.5	71.0	106.4
51	43.2	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

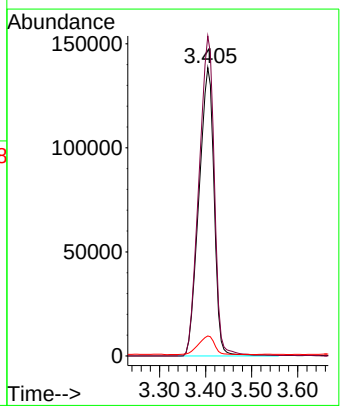
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

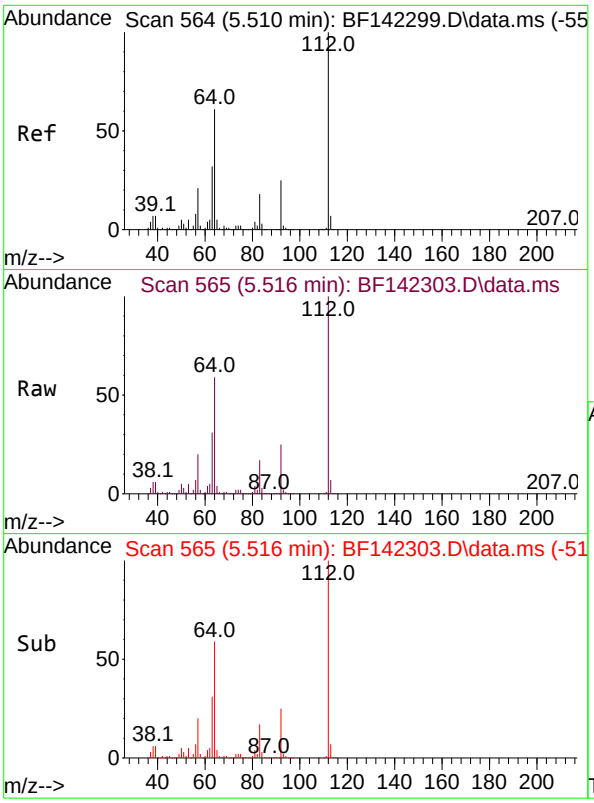


#4
n-Nitrosodimethylamine
Concen: 38.346 ng
RT: 3.405 min Scan# 206
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

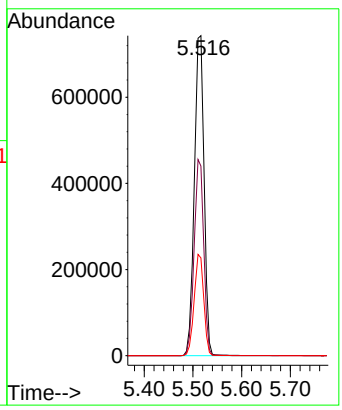




#5
2-Fluorophenol
Concen: 77.026 ng
RT: 5.516 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:112 Resp: 103860

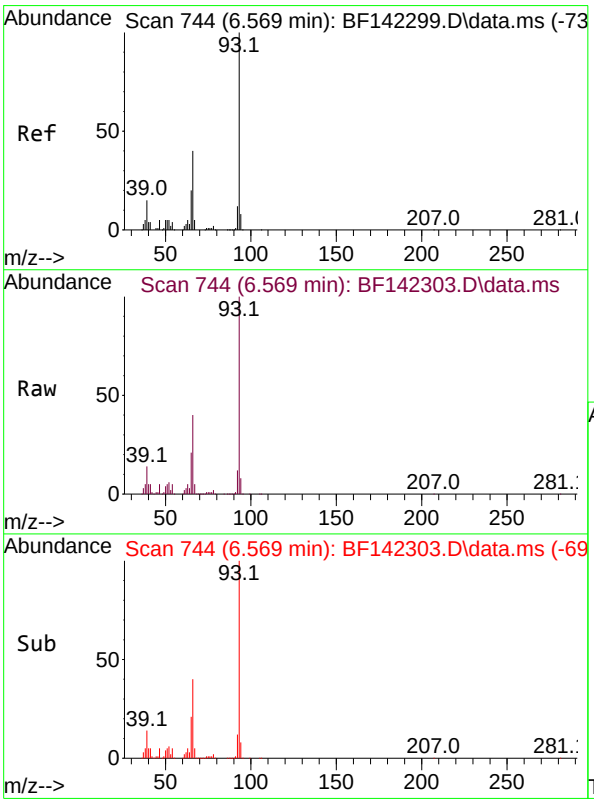
Ion	Ratio	Lower	Upper
112	100		
64	59.2	48.9	73.3
63	30.6	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

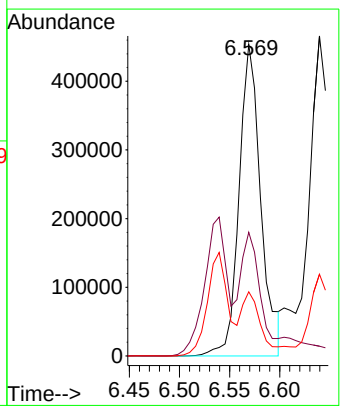
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

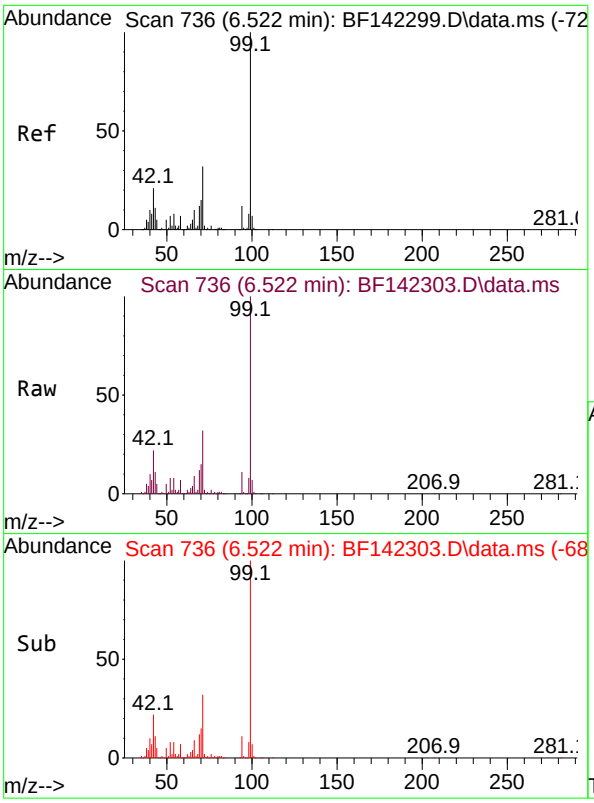


#6
Aniline
Concen: 42.173 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

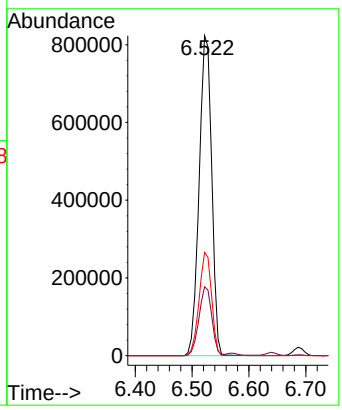




#7
Phenol-d6
Concen: 76.429 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 99 Resp: 126751

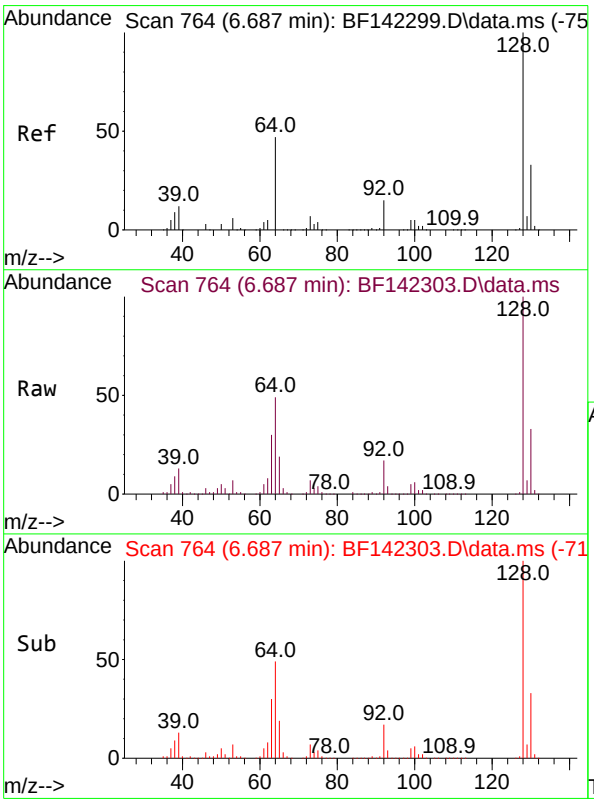
Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.0	25.4
71	32.2	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

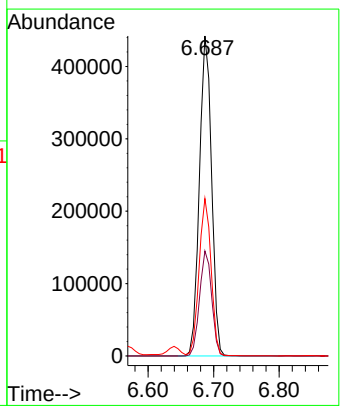
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

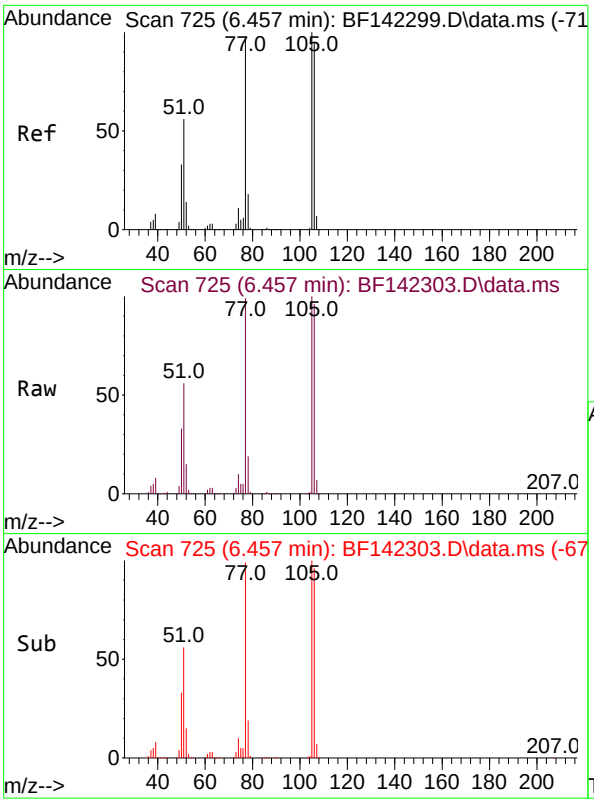


#8
2-Chlorophenol
Concen: 39.701 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

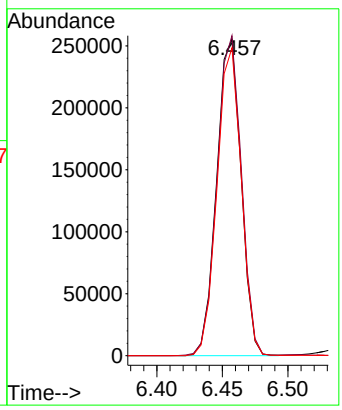




#9
Benzaldehyde
Concen: 34.048 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 77 Resp: 33047

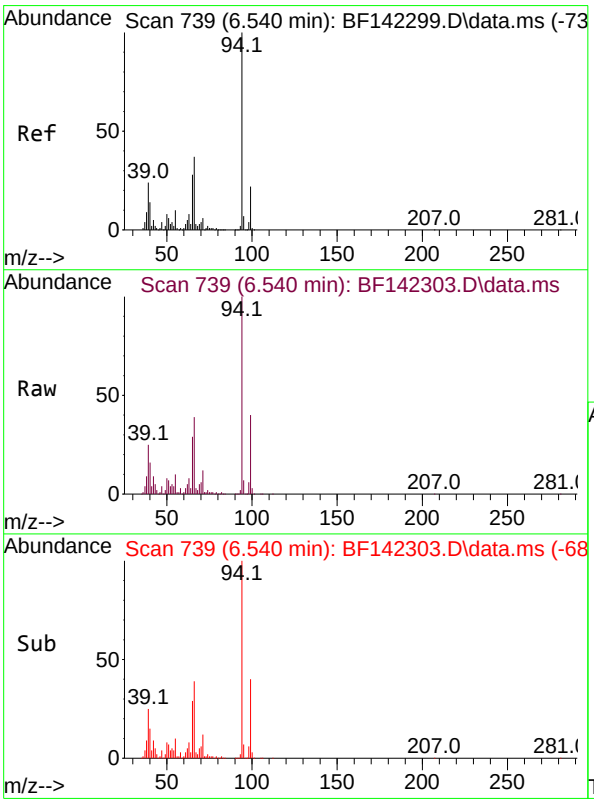
Ion	Ratio	Lower	Upper
77	100		
105	101.1	82.0	122.0
106	97.2	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

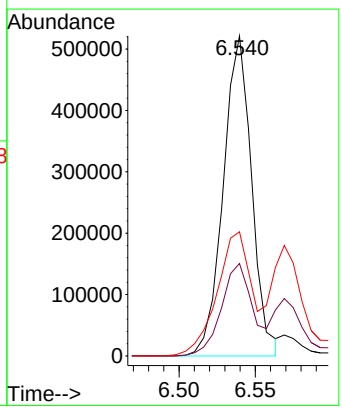
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

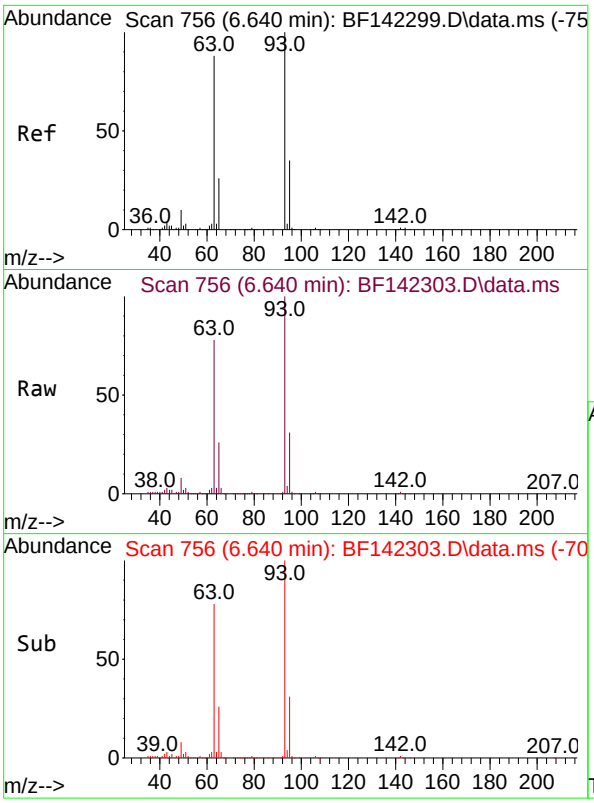


#10
Phenol
Concen: 38.399 ng m
RT: 6.540 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

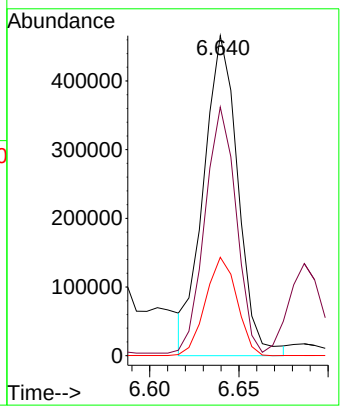




#11
bis(2-Chloroethyl)ether
Concen: 36.030 ng m
RT: 6.640 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 93 Resp: 62460

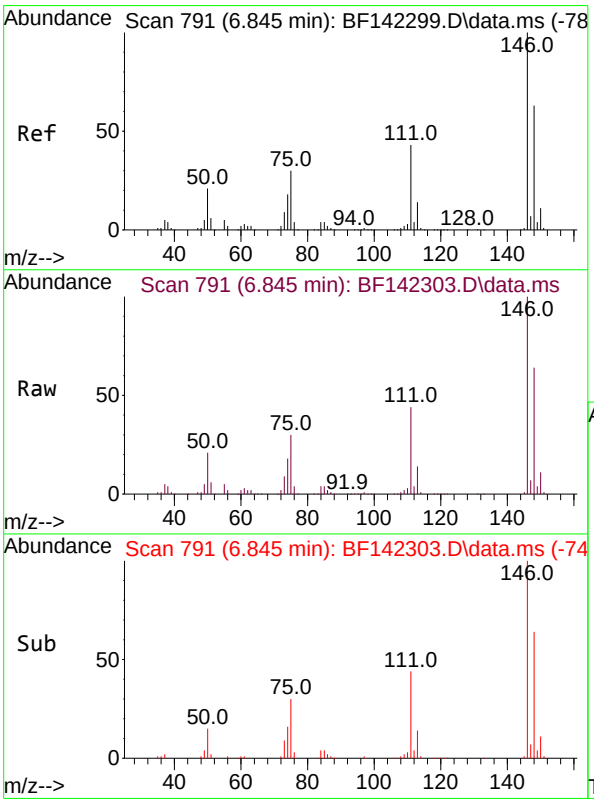
Ion	Ratio	Lower	Upper
93	100		
63	77.7	58.4	98.4
95	30.8	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

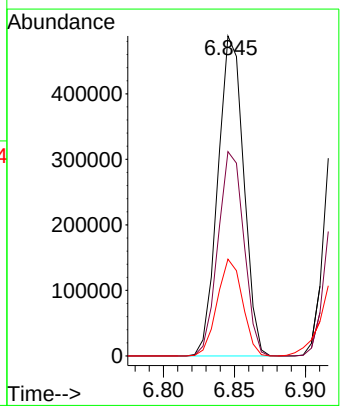
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

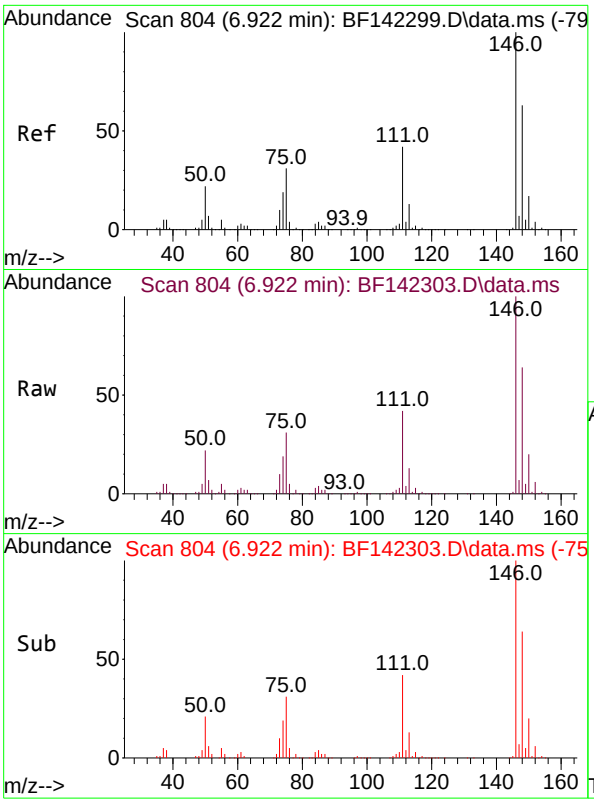


#12
1,3-Dichlorobenzene
Concen: 37.375 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

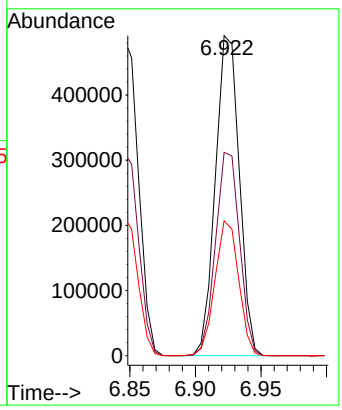




#13
1,4-Dichlorobenzene
Concen: 37.681 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:146 Resp: 62367

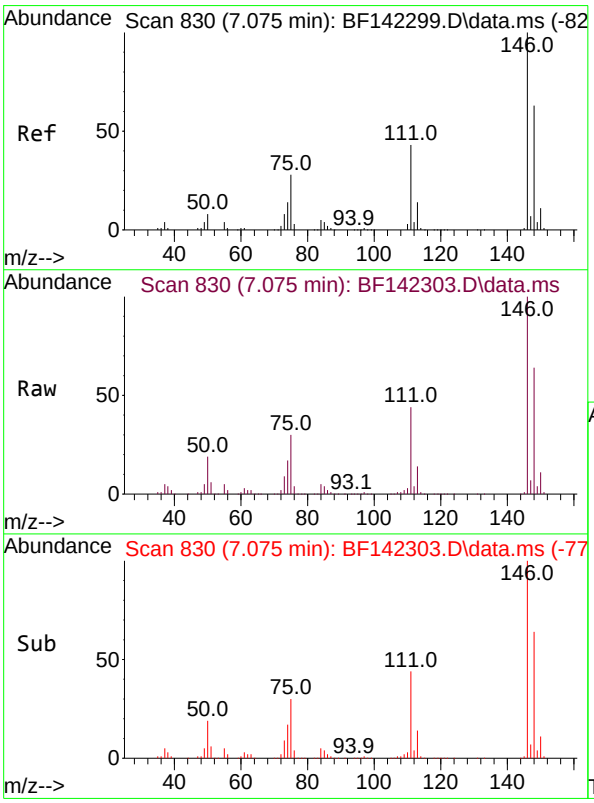
Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.5	75.7
111	42.1	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

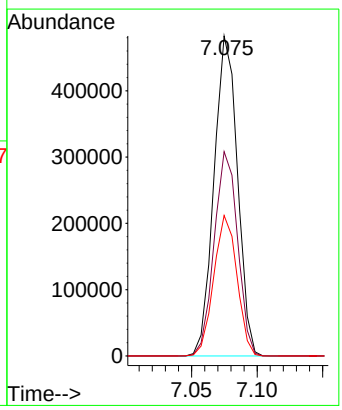
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

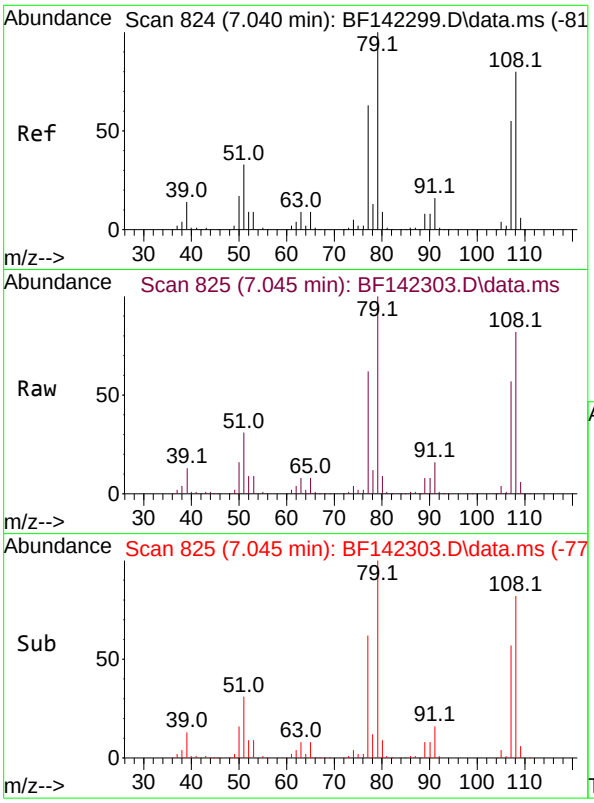


#14
1,2-Dichlorobenzene
Concen: 37.772 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

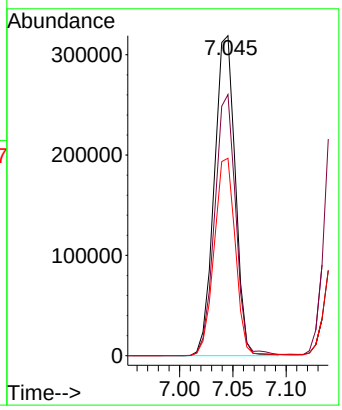




#15
Benzyl Alcohol
Concen: 40.632 ng
RT: 7.045 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 79 Resp: 43633

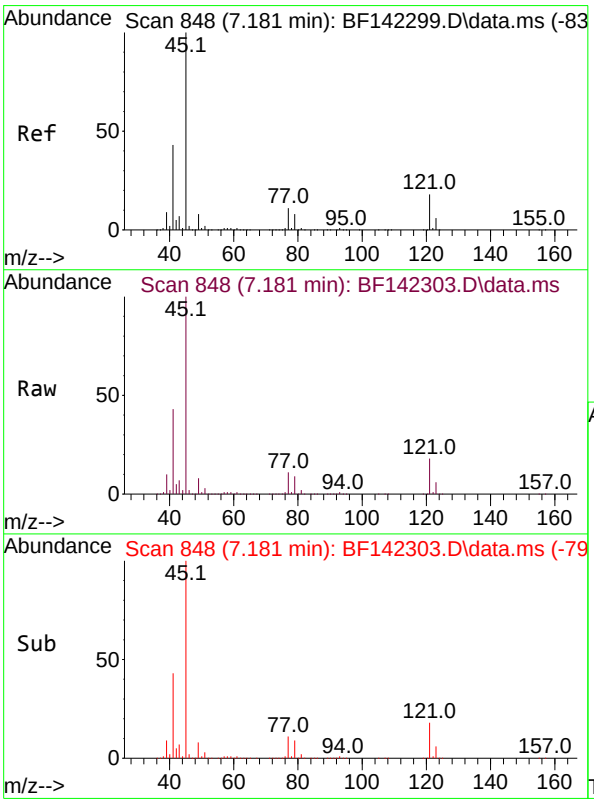
Ion	Ratio	Lower	Upper
79	100		
108	81.6	63.9	95.9
77	61.7	50.7	76.1



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

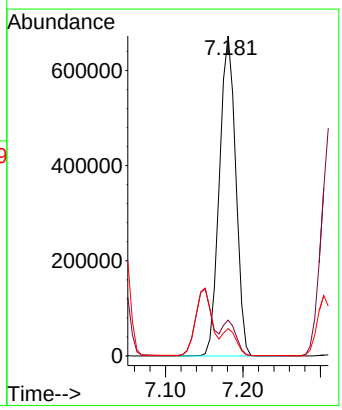
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

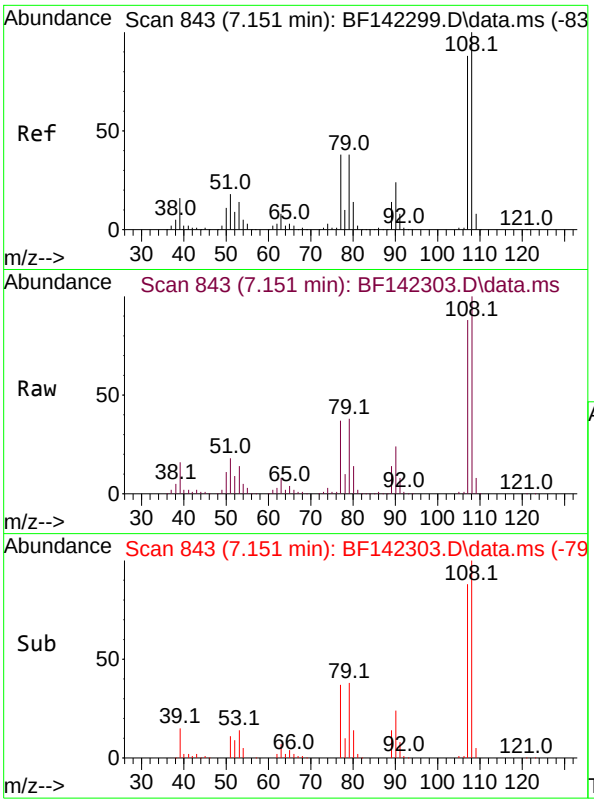


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.006 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

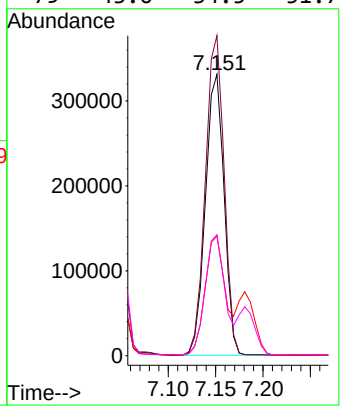




#17
2-Methylphenol
Concen: 38.961 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:107 Resp: 45450

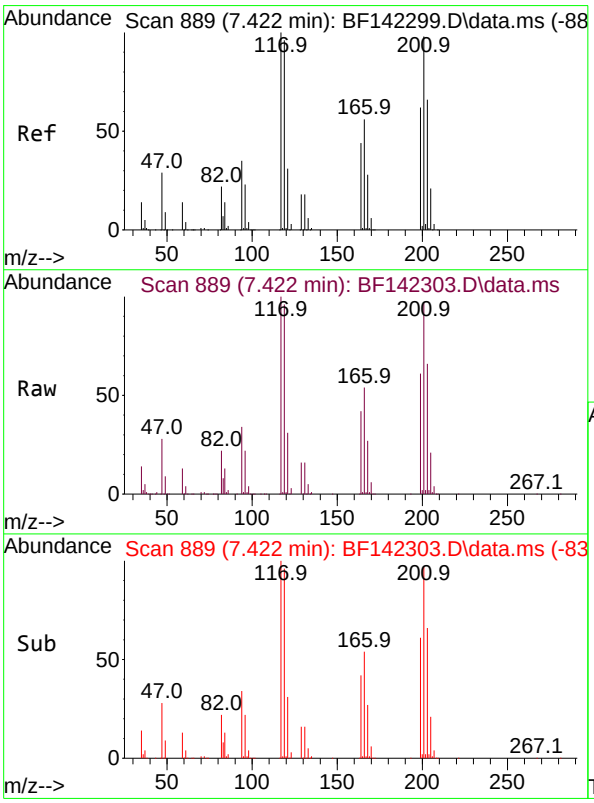
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.1	136.7
77	42.5	34.7	52.1
79	43.0	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

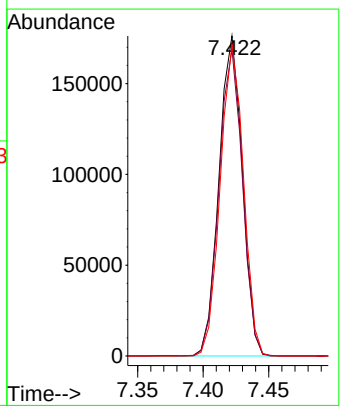
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

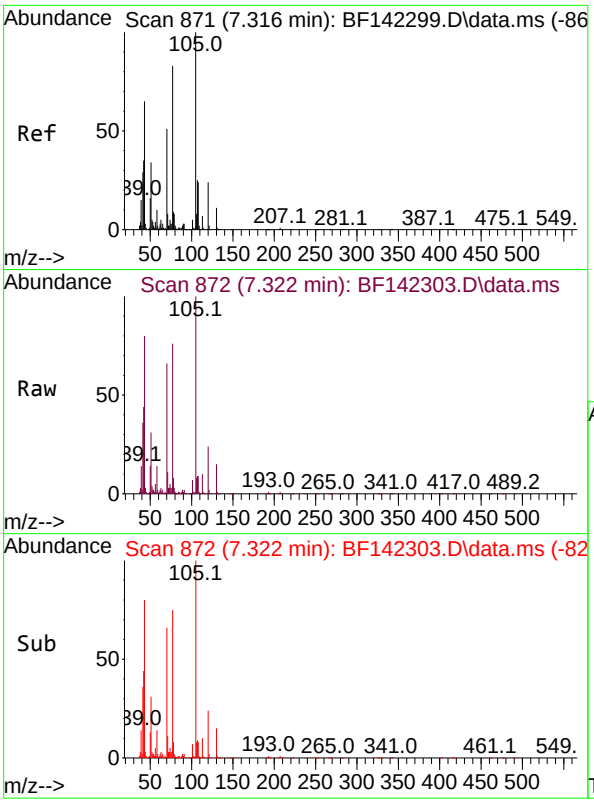


#18
Hexachloroethane
Concen: 39.633 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

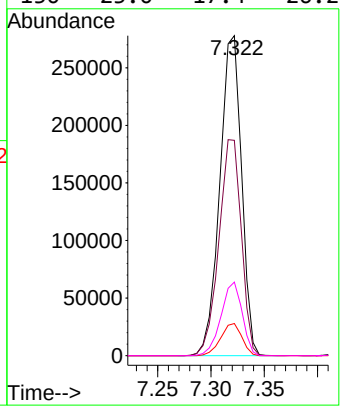




#19
n-Nitroso-di-n-propylamine
Concen: 38.437 ng
RT: 7.322 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 70 Resp: 39430

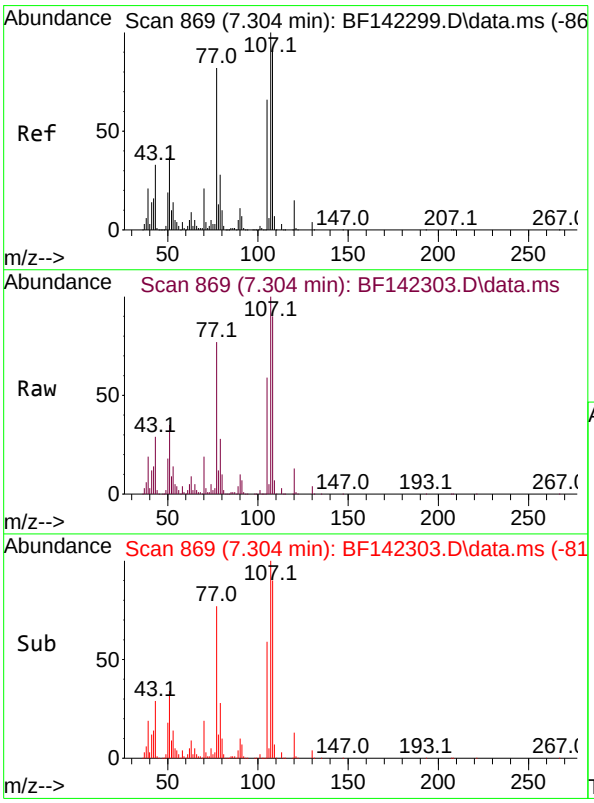
Ion	Ratio	Lower	Upper
70	100		
42	67.3	54.8	82.2
101	10.0	7.7	11.5
130	23.0	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

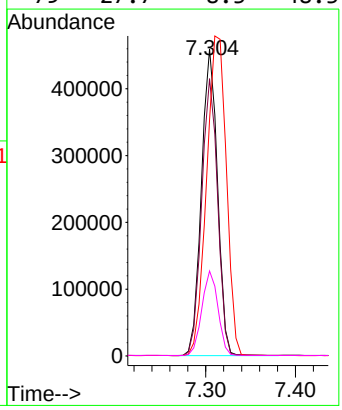
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

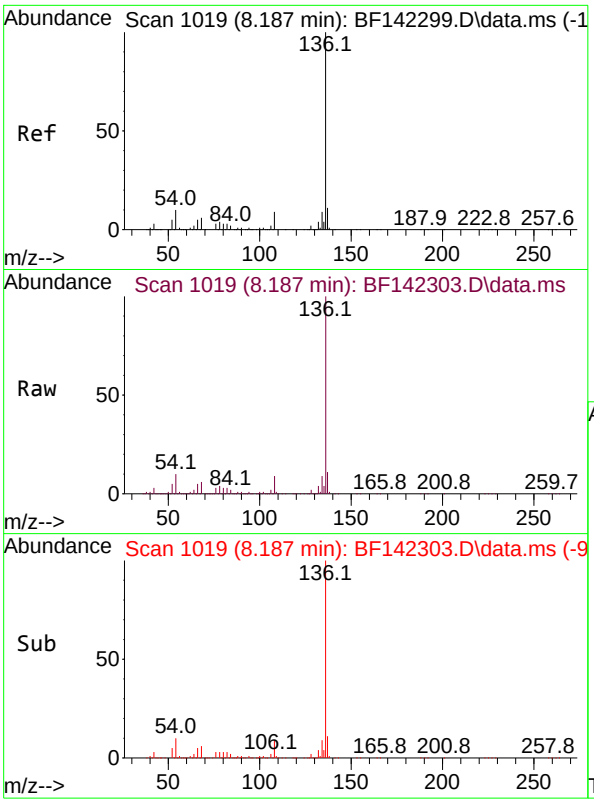


#20
3+4-Methylphenols
Concen: 39.089 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

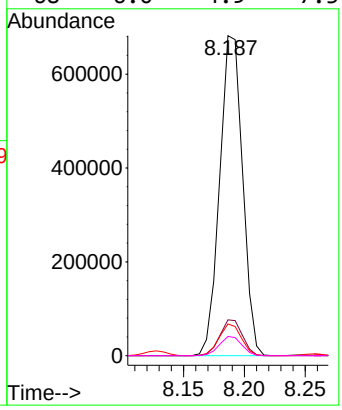




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:136 Resp: 89380

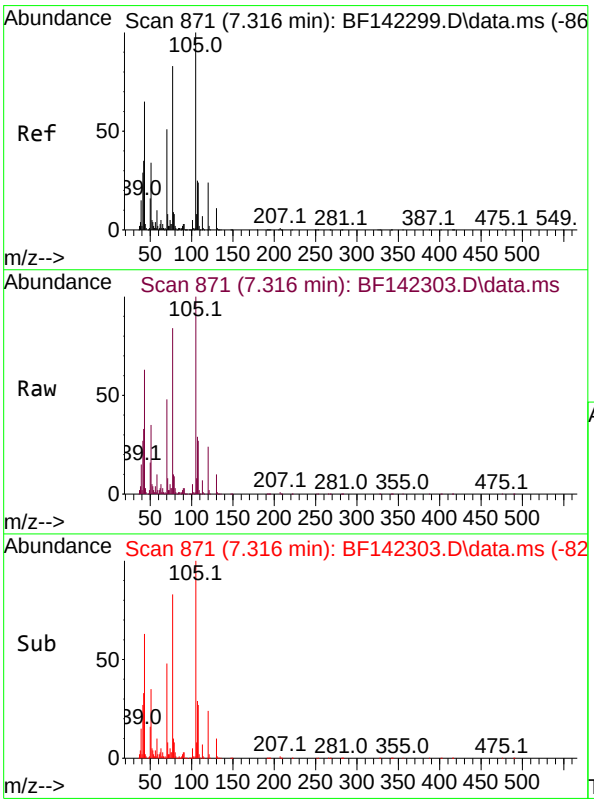
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.9	7.7	11.5
68	6.0	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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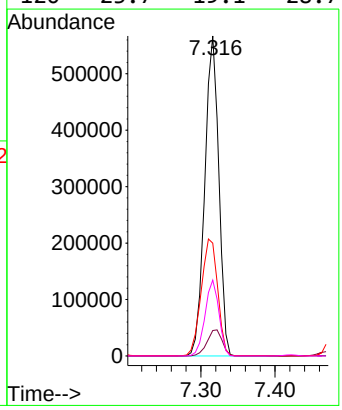
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

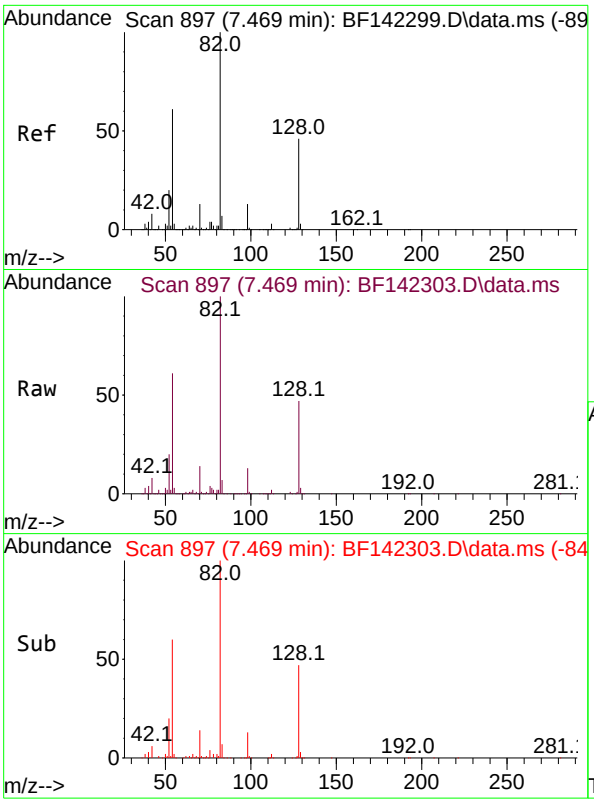


#22
Acetophenone
Concen: 37.519 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

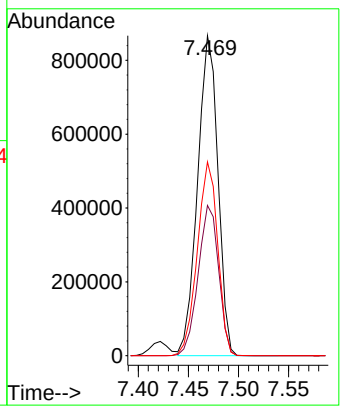




#23
Nitrobenzene-d5
Concen: 83.567 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 82 Resp: 122473

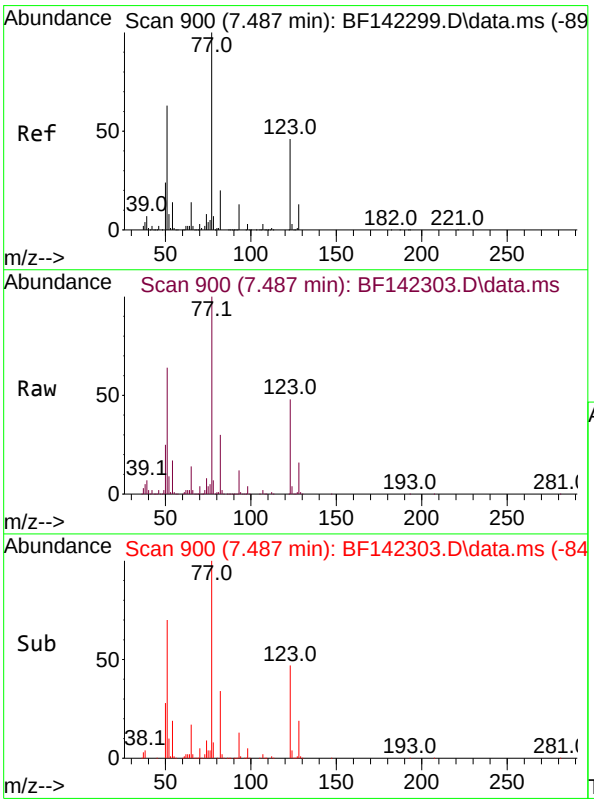
Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.0	55.6
54	60.6	48.6	73.0



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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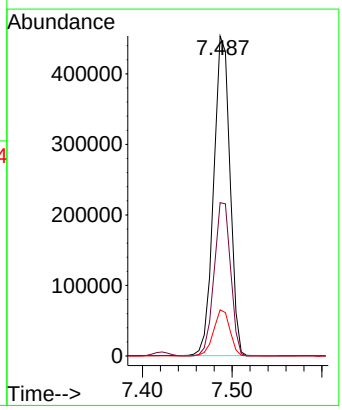
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

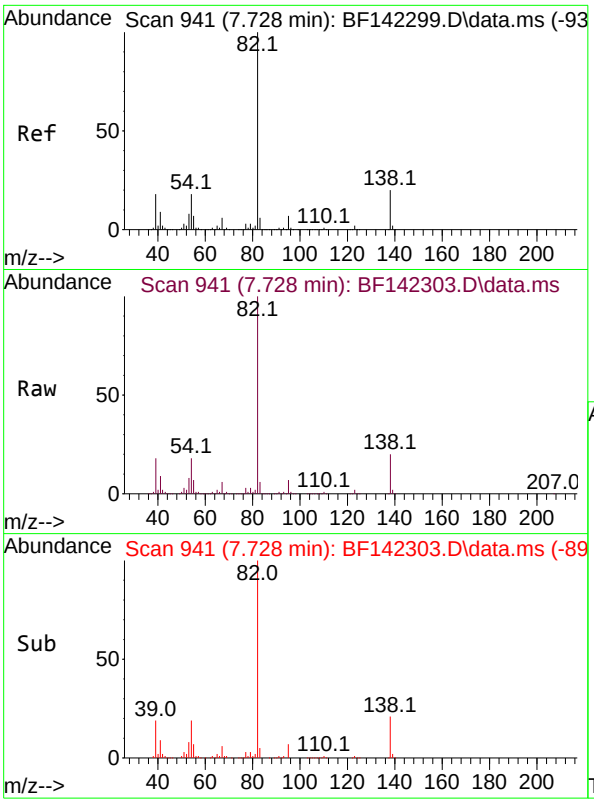


#24
Nitrobenzene
Concen: 41.431 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

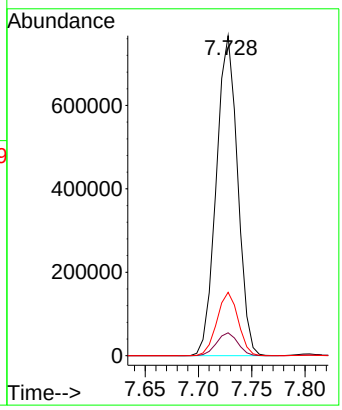
Tgt Ion: 82 Resp: 106642

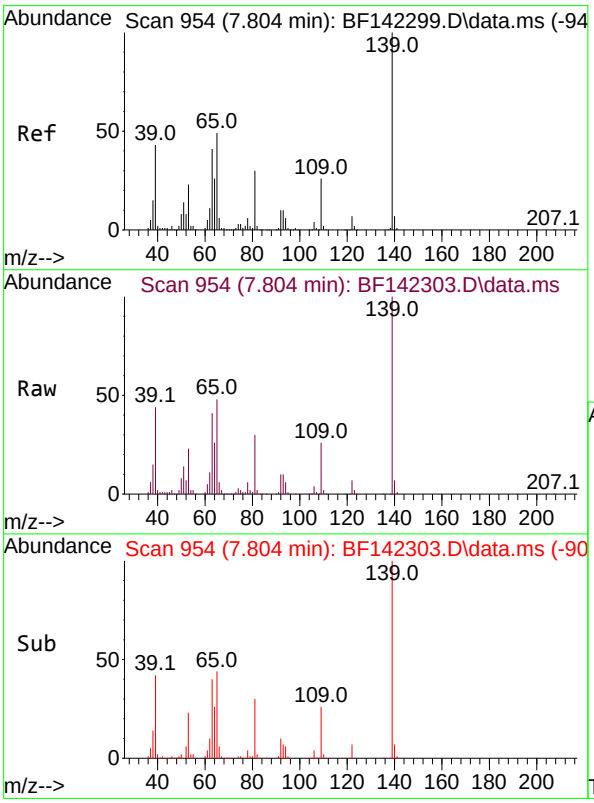
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	19.8	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

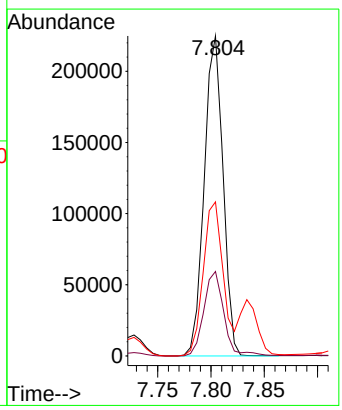


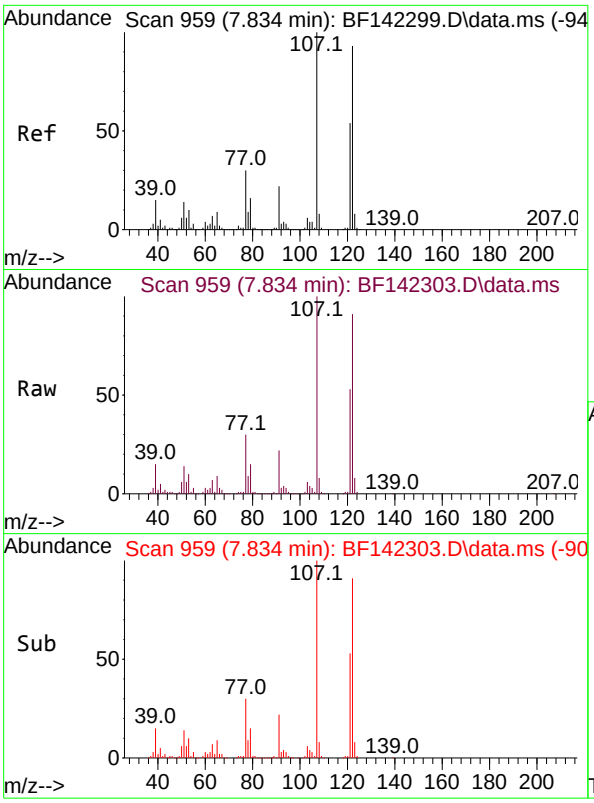


#26
2-Nitrophenol
Concen: 42.037 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

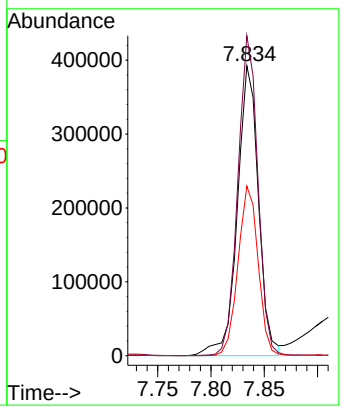




#27
2,4-Dimethylphenol
Concen: 38.903 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:122 Resp: 54281

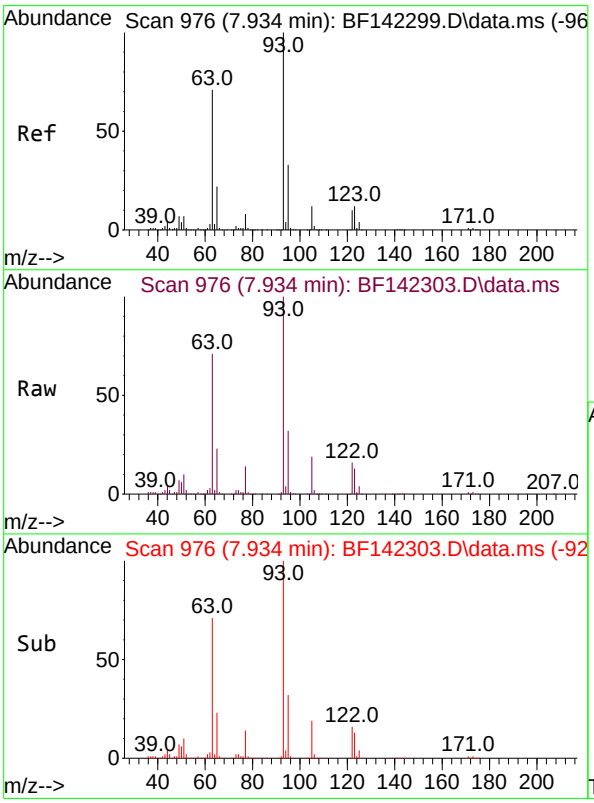
Ion	Ratio	Lower	Upper
122	100		
107	110.4	86.0	129.0
121	58.5	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

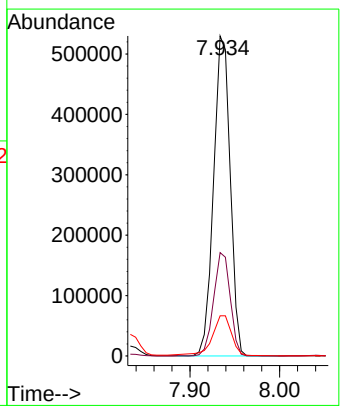
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

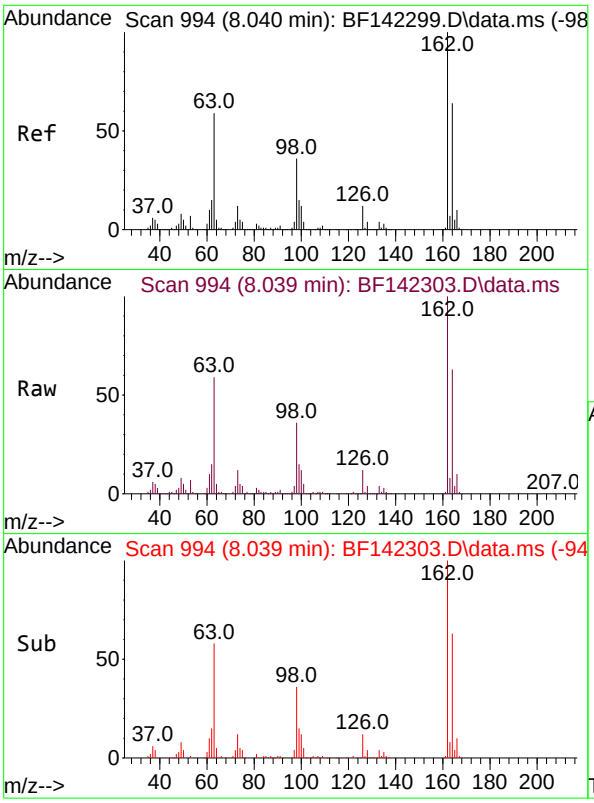


#28
bis(2-Chloroethoxy)methane
Concen: 38.186 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

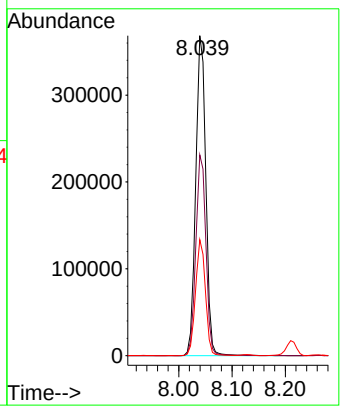




#29
2,4-Dichlorophenol
Concen: 40.715 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:162 Resp: 48299

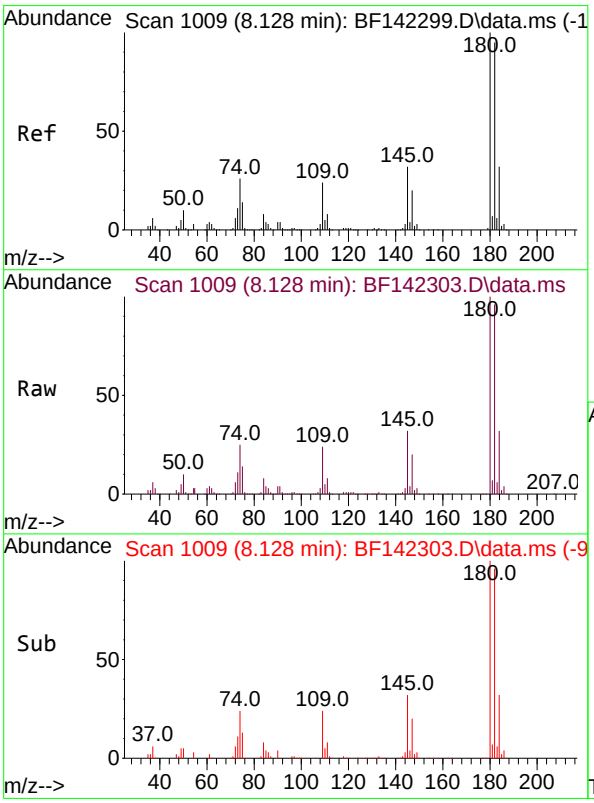
Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.6	83.6
98	36.3	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

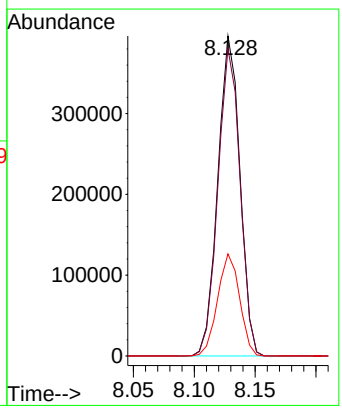
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

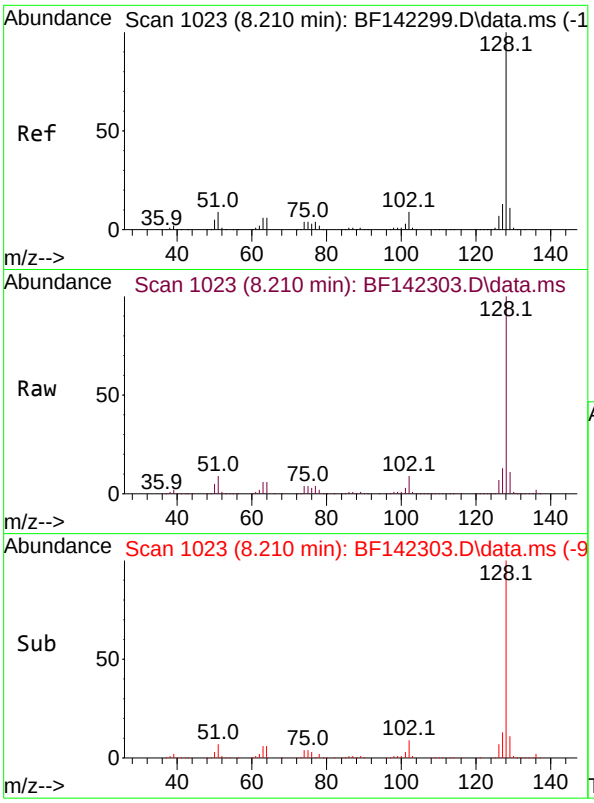


#30
1,2,4-Trichlorobenzene
Concen: 37.487 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

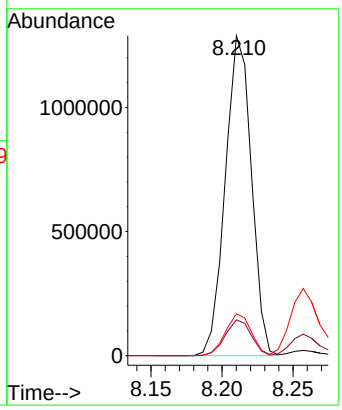




#31
Naphthalene
Concen: 37.992 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:128 Resp: 164576

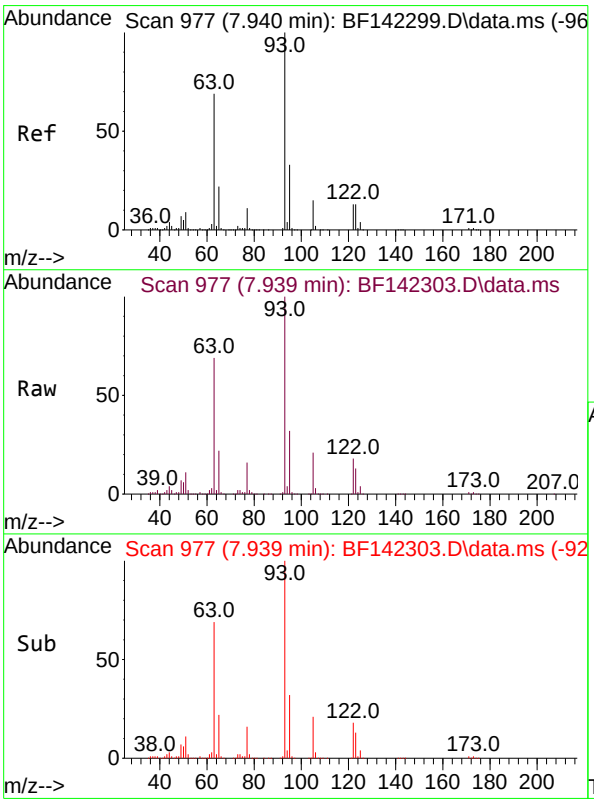
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.1	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

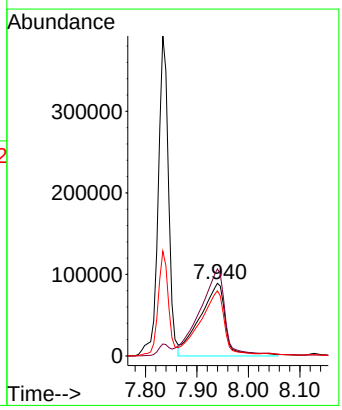
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

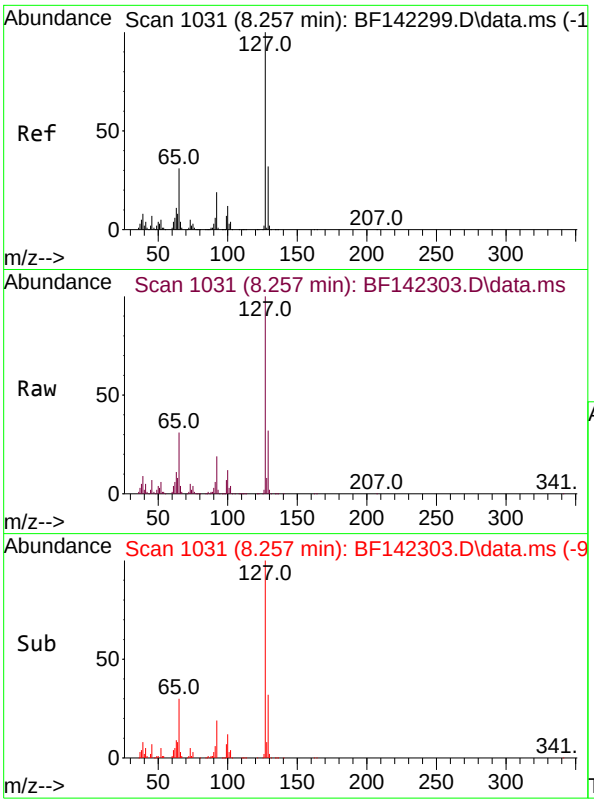


#32
Benzoic acid
Concen: 43.072 ng m
RT: 7.939 min Scan# 977
Delta R.T. -0.001 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

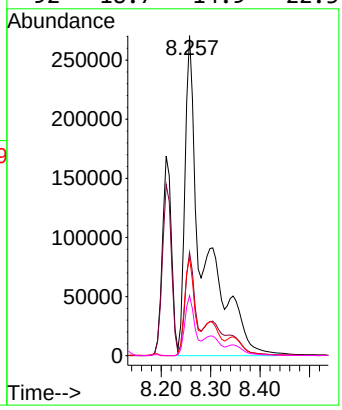




#33
4-Chloroaniline
Concen: 39.993 ng m
RT: 8.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:127 Resp: 70660

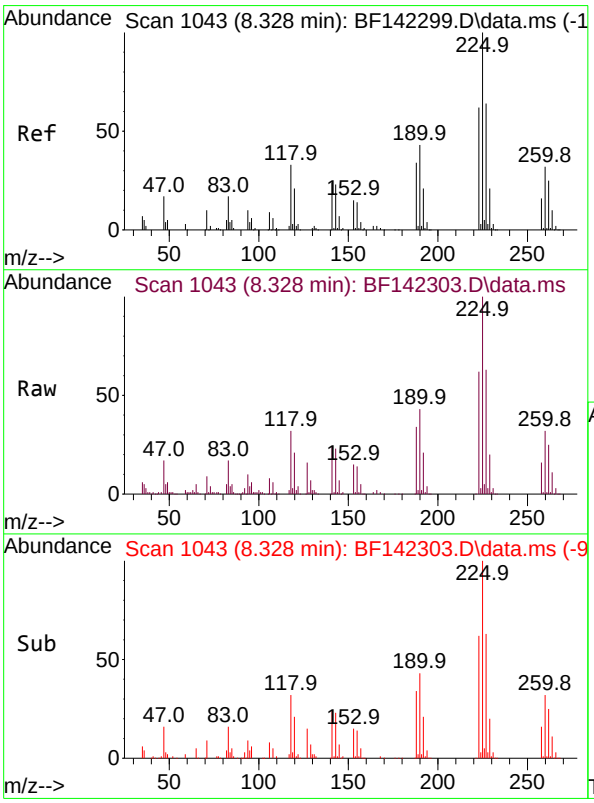
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	30.7	24.9	37.3
92	18.7	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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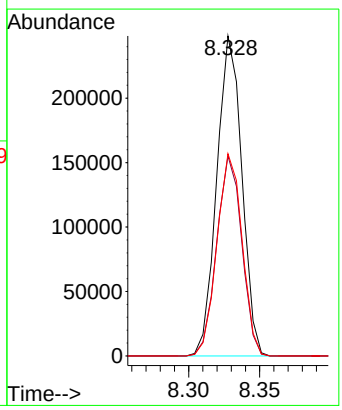
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

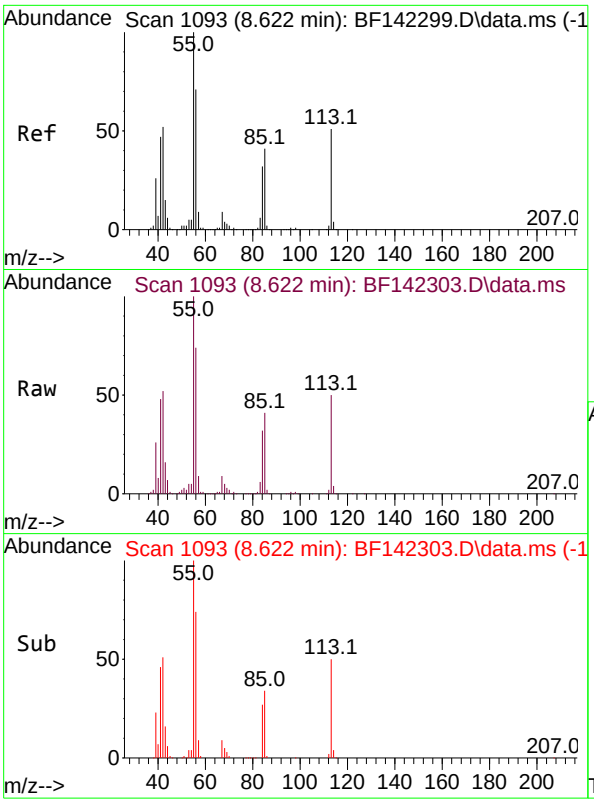


#34
Hexachlorobutadiene
Concen: 38.512 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

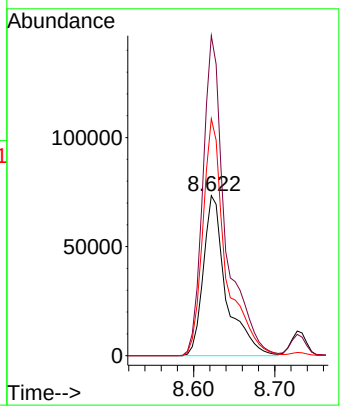
Tgt Ion:113 Resp: 14345

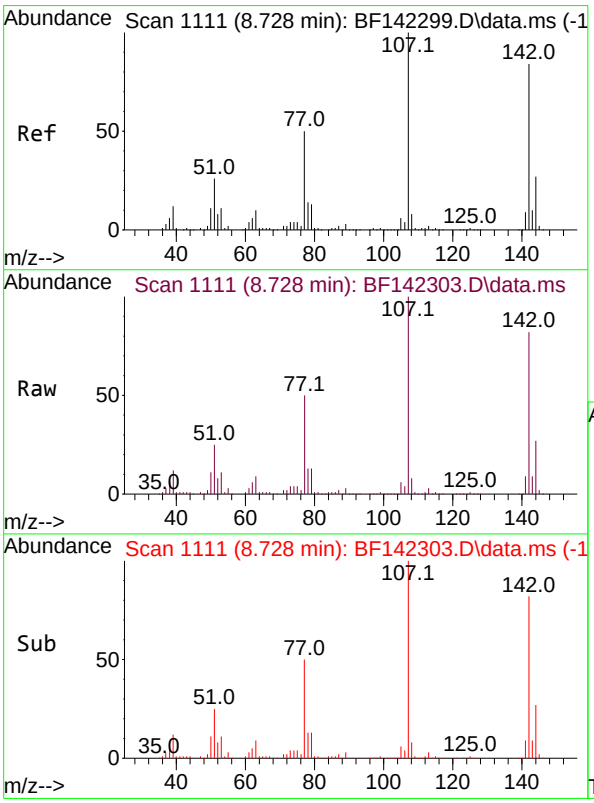
Ion	Ratio	Lower	Upper
113	100		
55	199.9	176.4	216.4
56	148.0	120.3	160.3

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

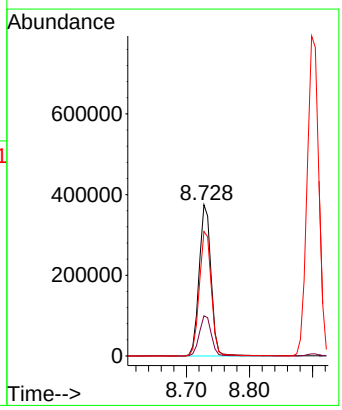


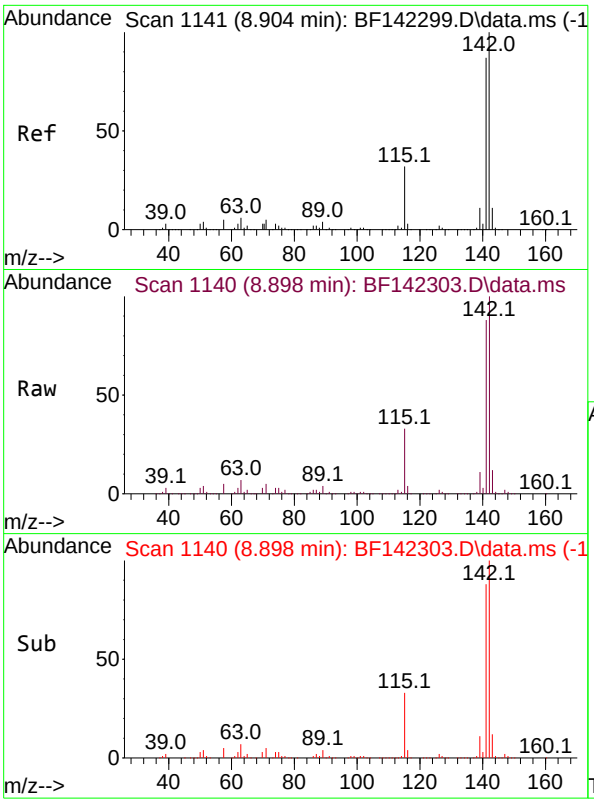


#36
4-Chloro-3-methylphenol
Concen: 39.715 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

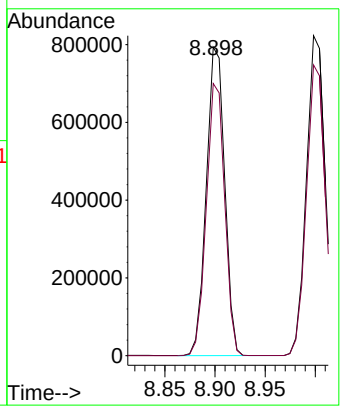
Tgt Ion:142 Resp: 101324

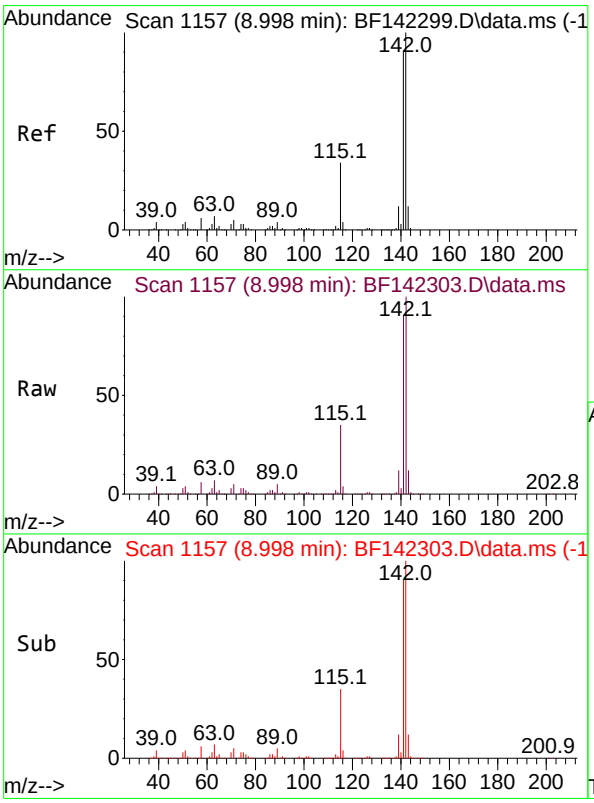
Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.4	104.2

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

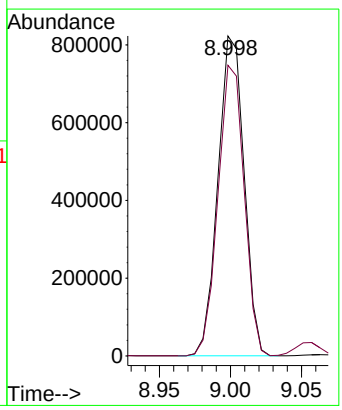


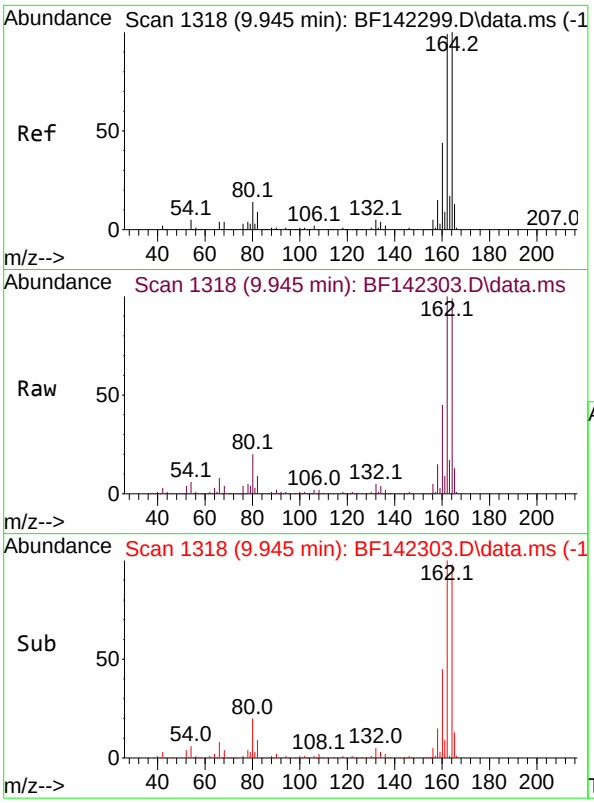


#38
1-Methylnaphthalene
Concen: 37.522 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:142 Resp: 1052686

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.5	108.7

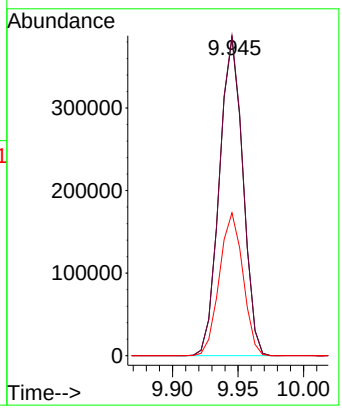




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:164 Resp: 47887

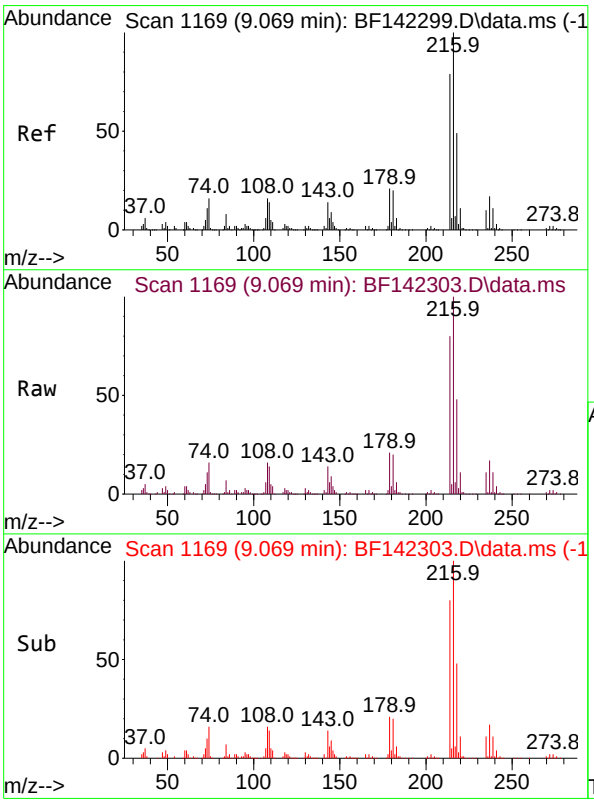
Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.2	118.8
160	45.0	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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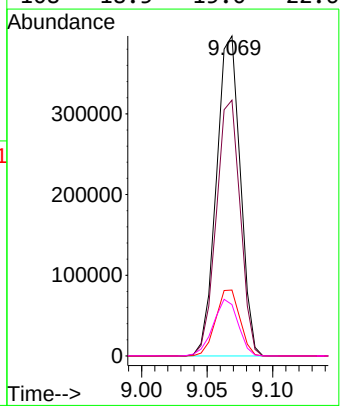
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

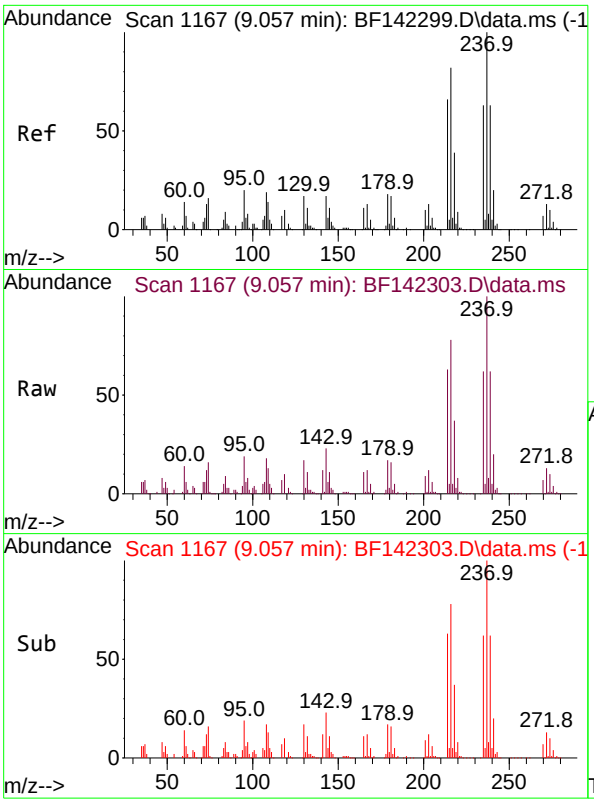


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.555 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

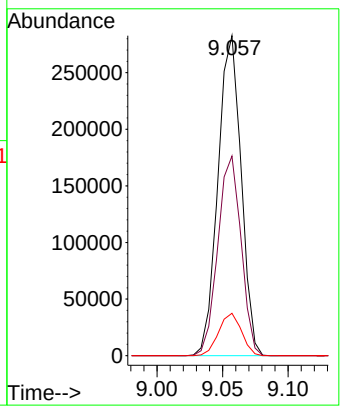
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

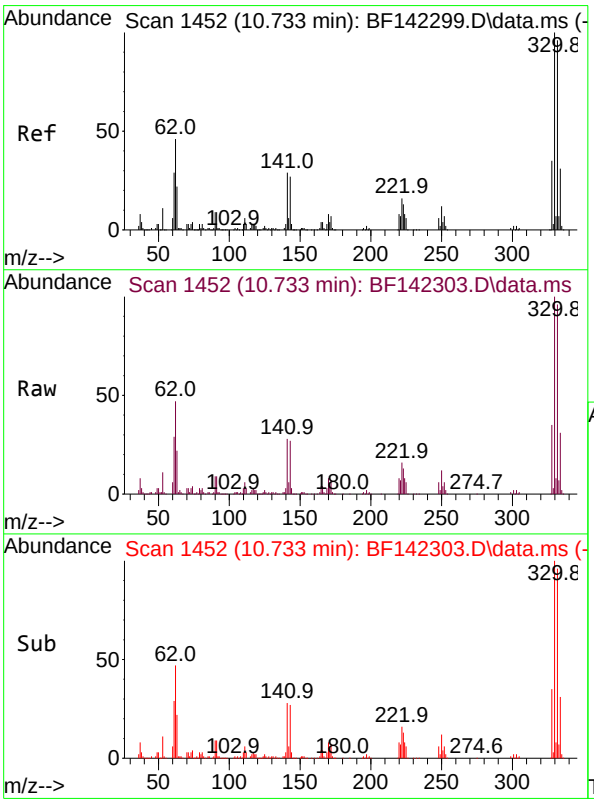
Tgt Ion:237 Resp: 34732

Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.8	82.8
272	13.3	0.0	33.0

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

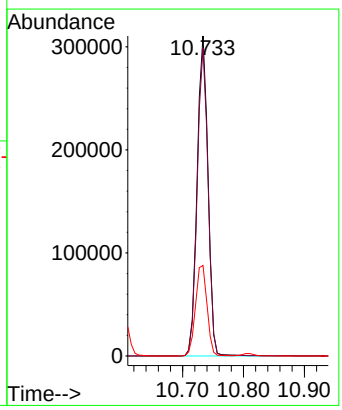


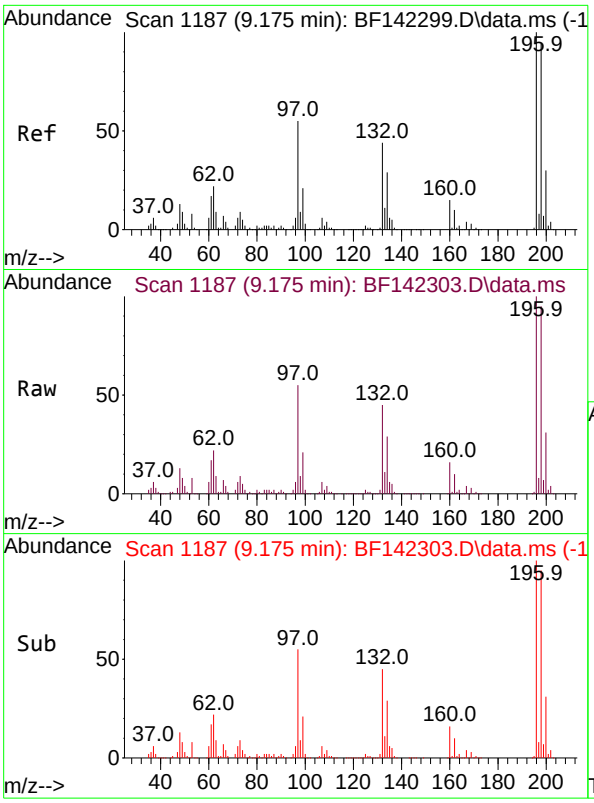


#42
2,4,6-Tribromophenol
Concen: 83.209 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

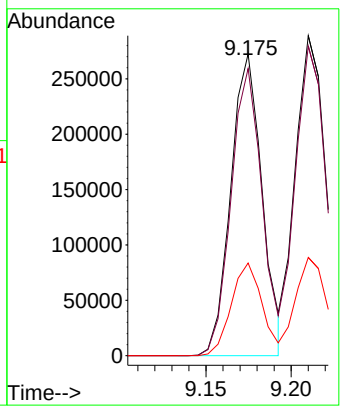




#43
2,4,6-Trichlorophenol
Concen: 41.212 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:196 Resp: 34767

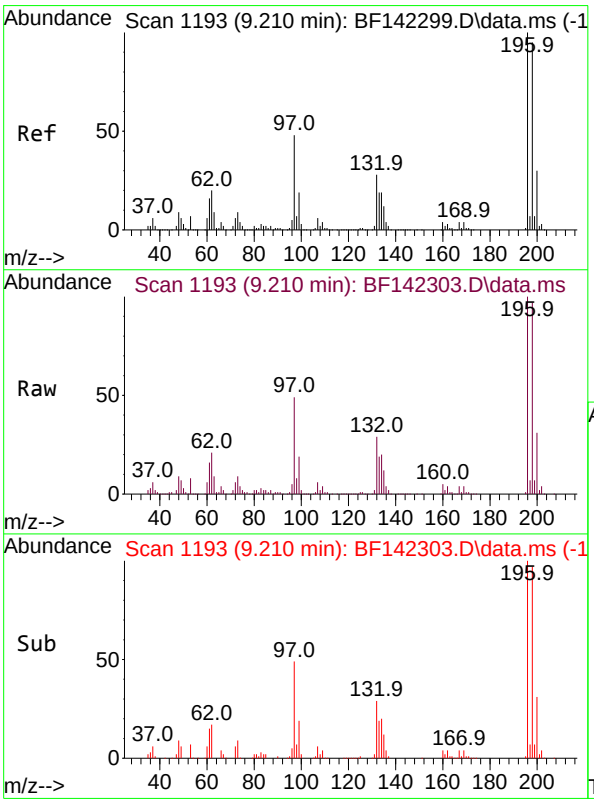
Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.4	113.0
200	30.7	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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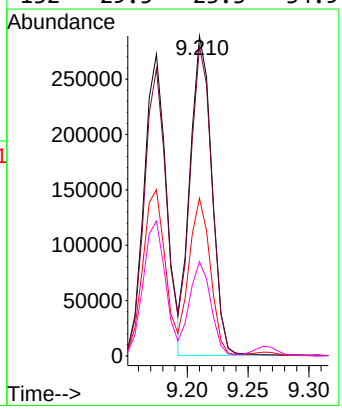
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

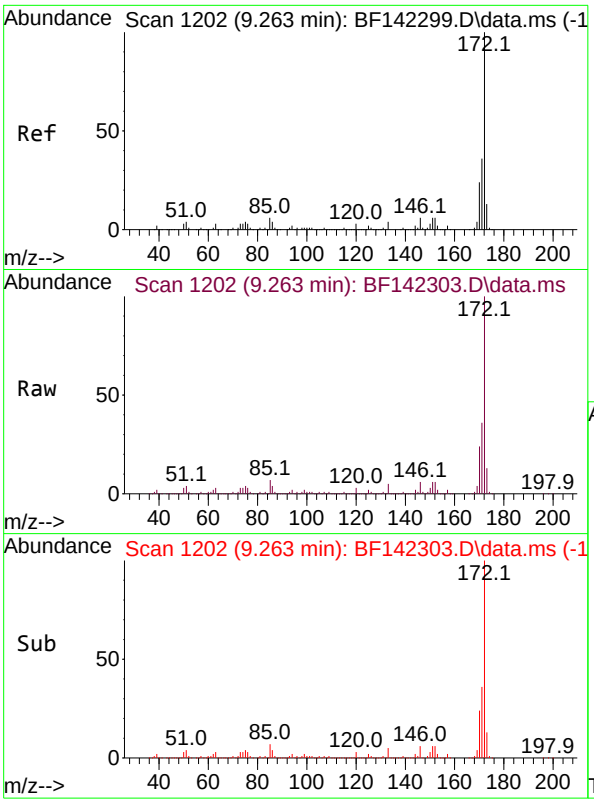


#44
2,4,5-Trichlorophenol
Concen: 39.886 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

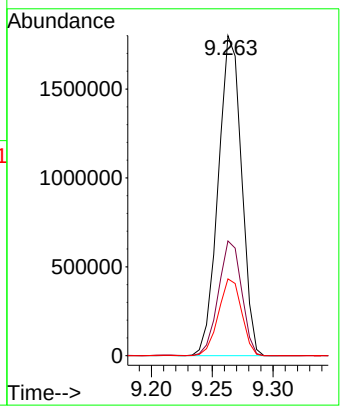




#45
2-Fluorobiphenyl
Concen: 71.371 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:172 Resp: 239696

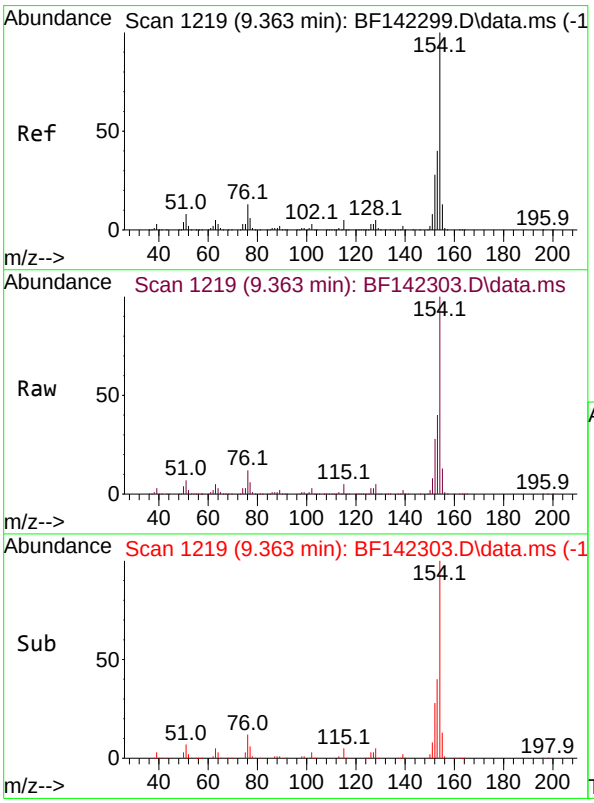
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	24.0	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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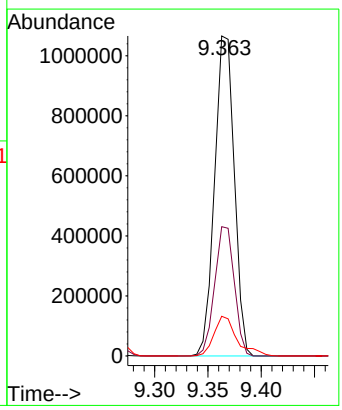
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

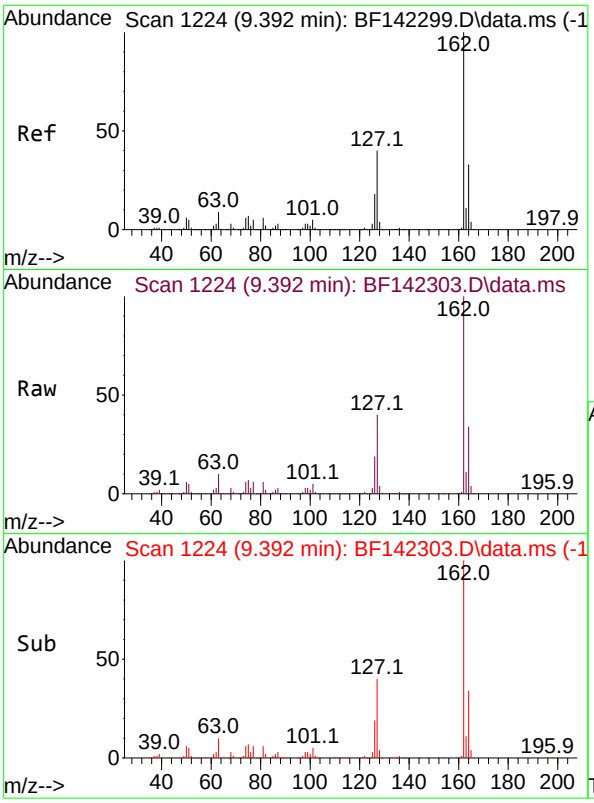


#46
1,1'-Biphenyl
Concen: 37.283 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

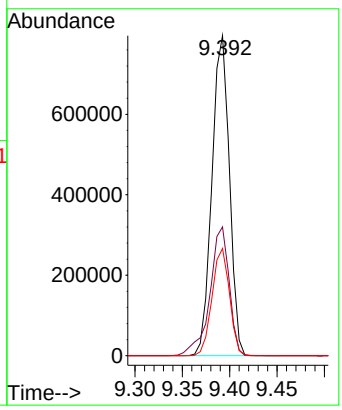




#47
2-Chloronaphthalene
Concen: 37.323 ng
RT: 9.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:162 Resp: 101913

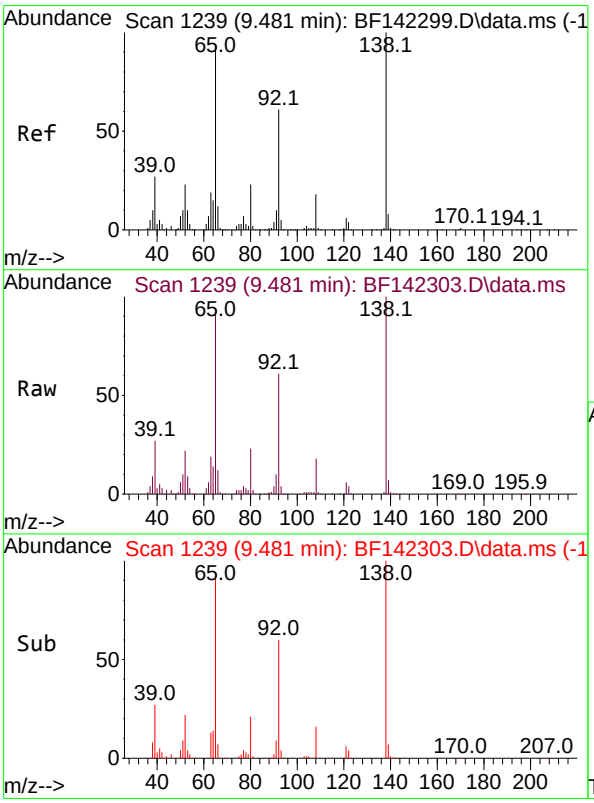
Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.3	48.5
164	33.5	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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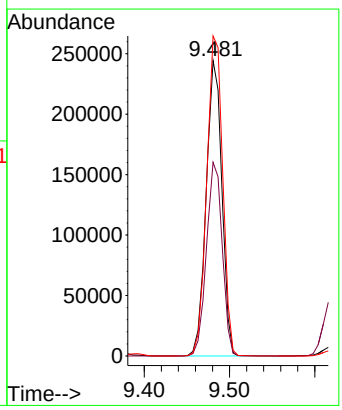
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

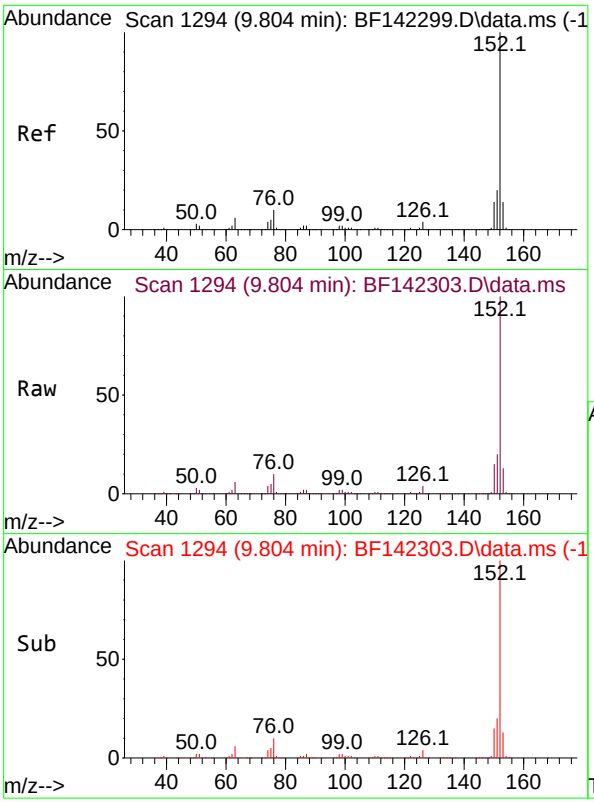


#48
2-Nitroaniline
Concen: 44.681 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

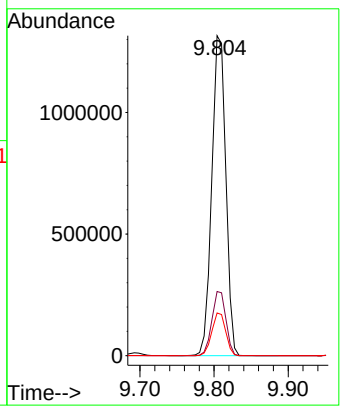




#49
Acenaphthylene
Concen: 37.833 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:152 Resp: 172816

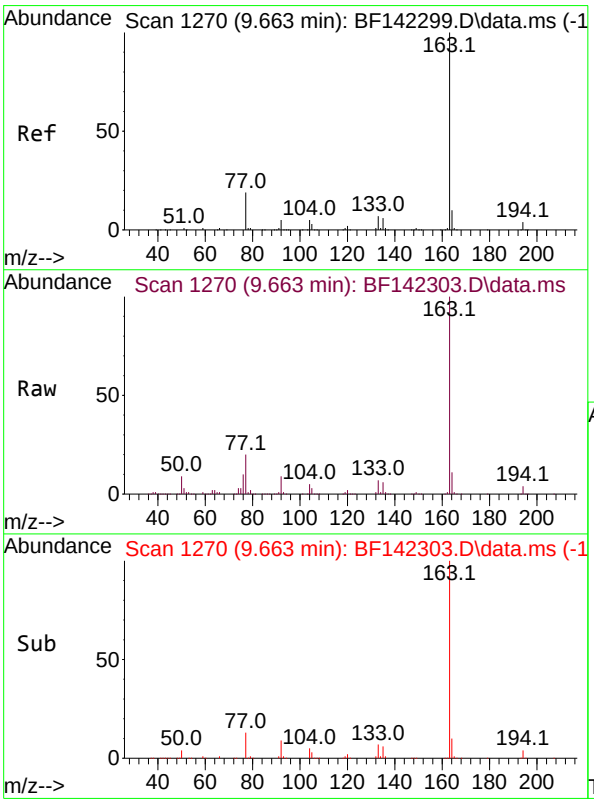
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.4	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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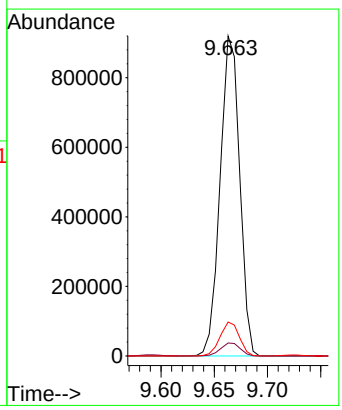
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

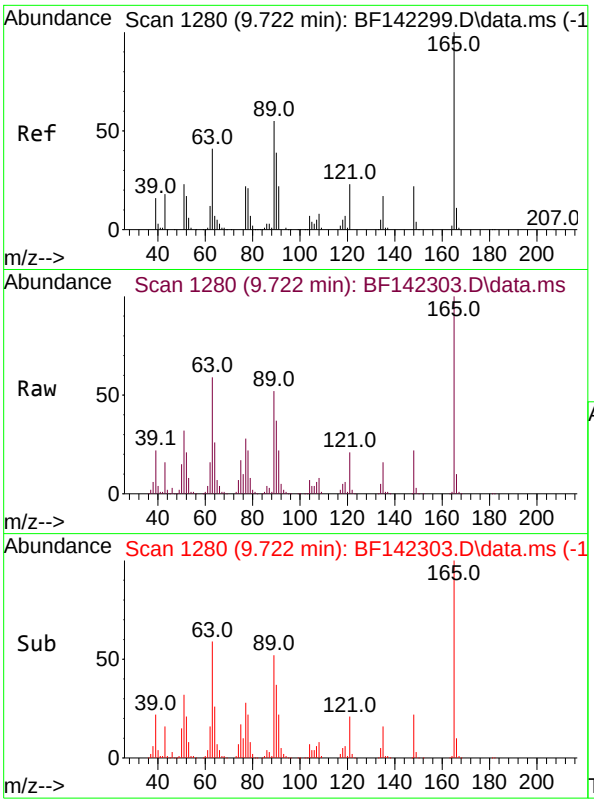


#50
Dimethylphthalate
Concen: 38.154 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

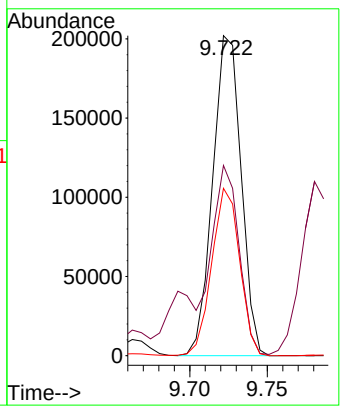
Tgt Ion:165 Resp: 25779

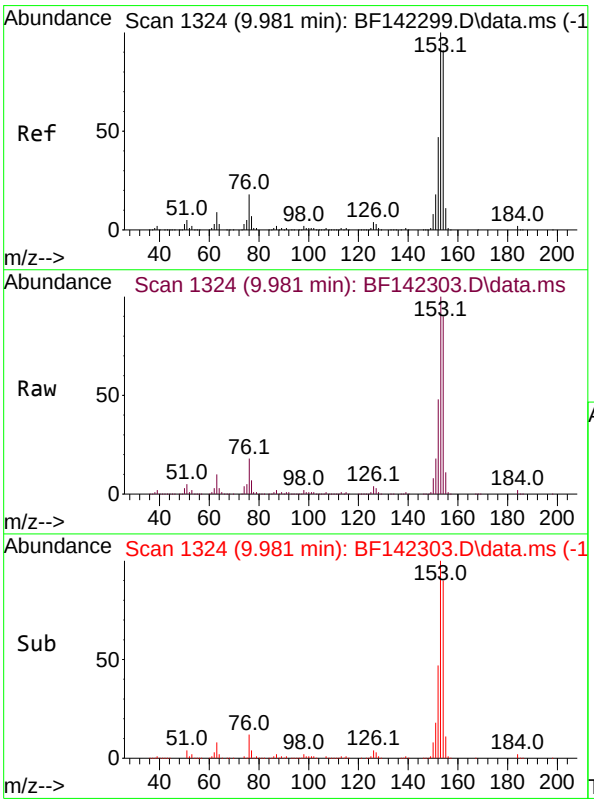
Ion	Ratio	Lower	Upper
165	100		
63	59.5	49.5	74.3
89	52.3	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

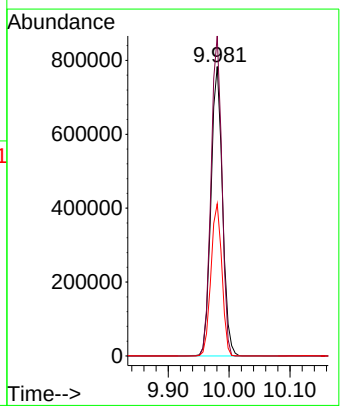


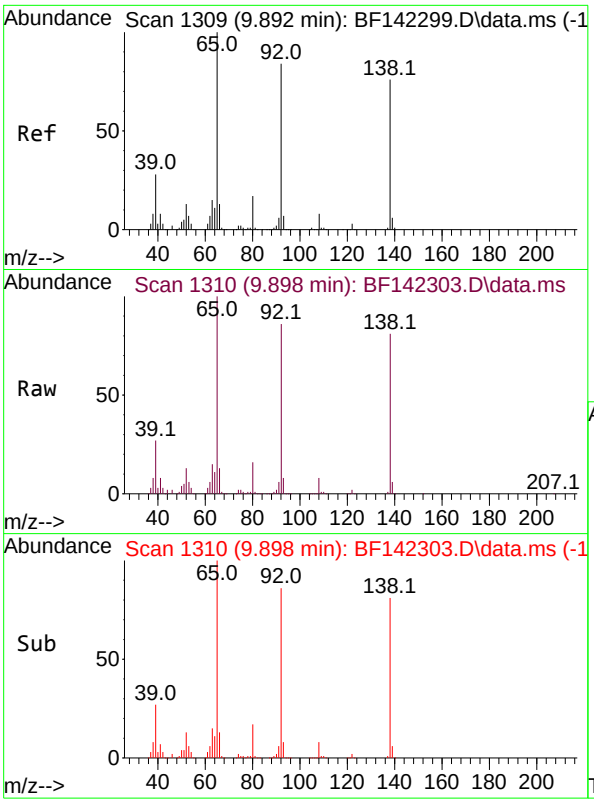


#52
Acenaphthene
Concen: 37.495 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

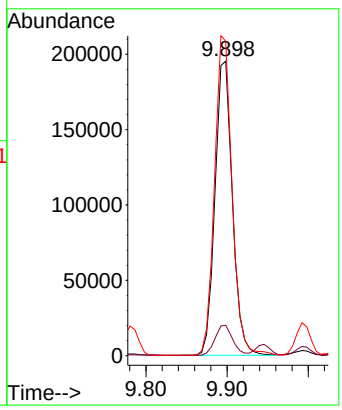




#53
3-Nitroaniline
Concen: 43.190 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:138 Resp: 29155

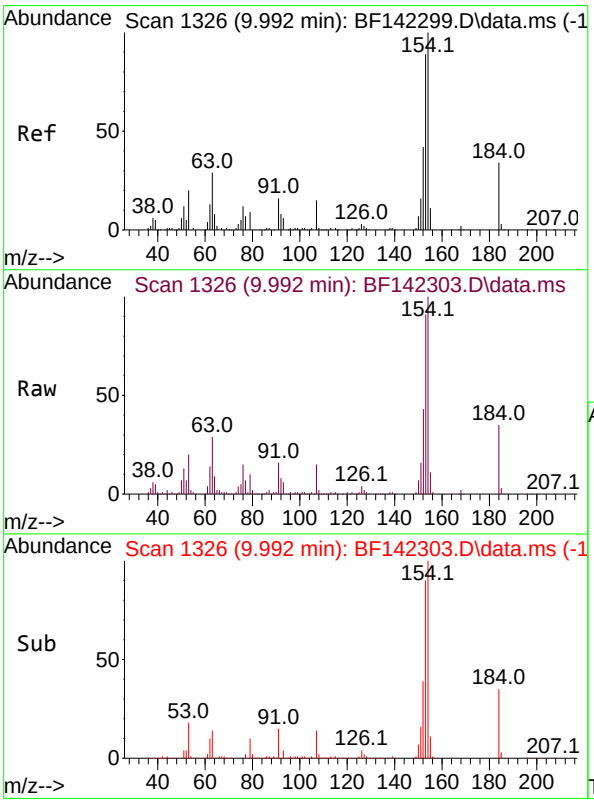
Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.7	13.1
92	106.7	89.5	134.3



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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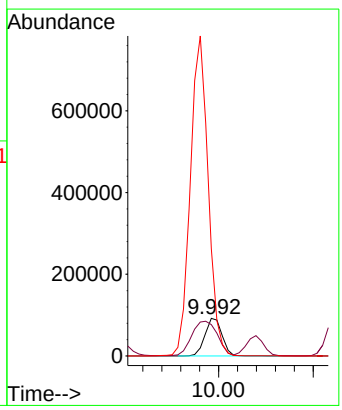
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

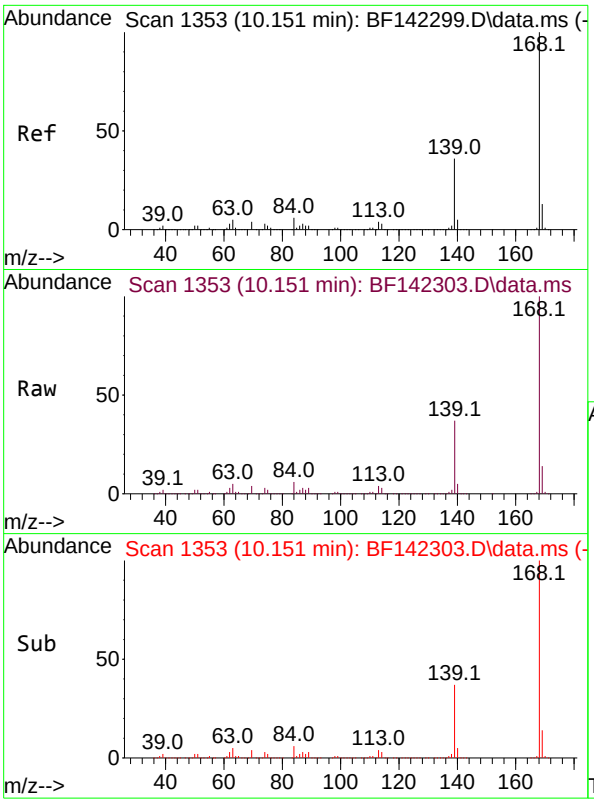


#54
2,4-Dinitrophenol
Concen: 42.149 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

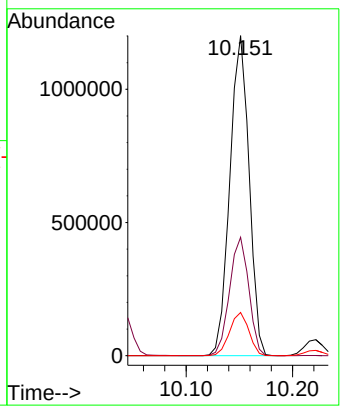




#55
Dibenzofuran
Concen: 37.158 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:168 Resp: 150618

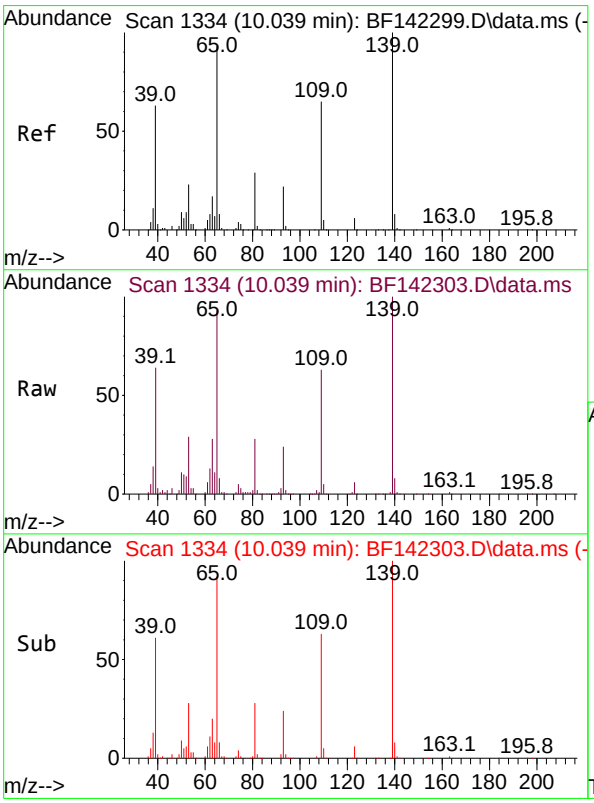
Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.0	43.4
169	13.5	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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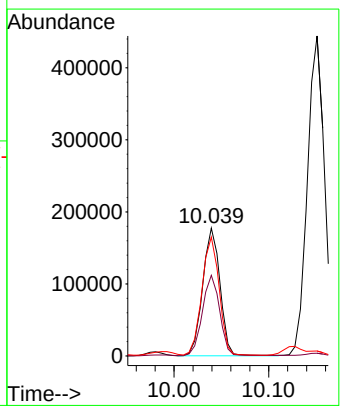
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

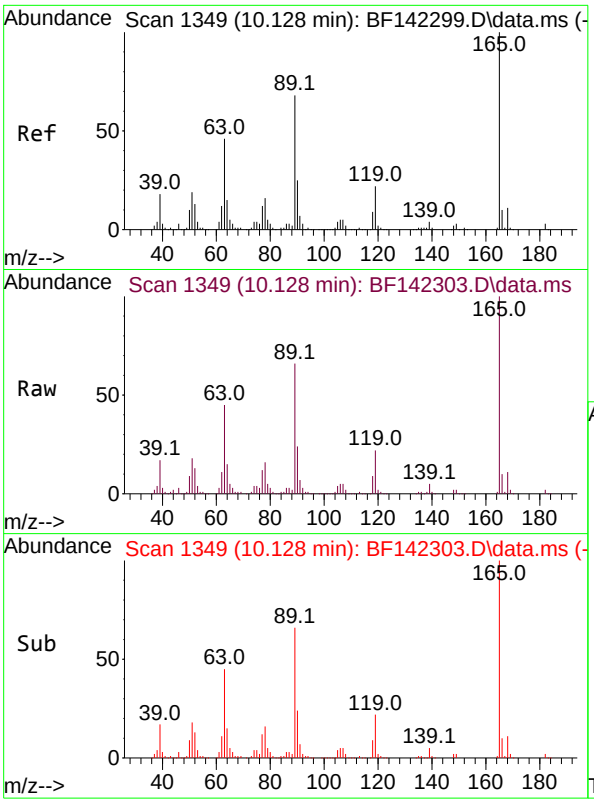


#56
4-Nitrophenol
Concen: 44.381 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

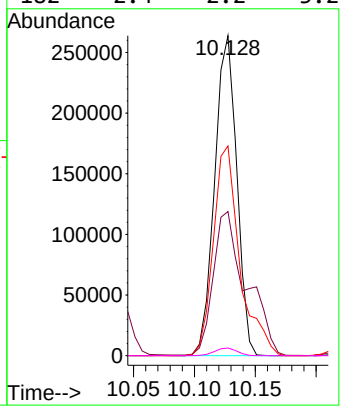




#57
2,4-Dinitrotoluene
Concen: 45.248 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:165 Resp: 33407

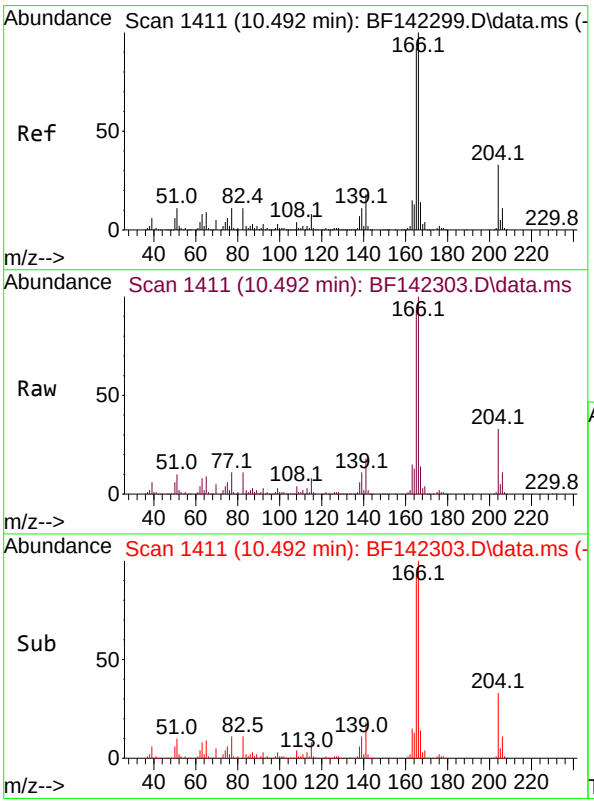
Ion	Ratio	Lower	Upper
165	100		
63	45.0	37.1	55.7
89	65.5	54.4	81.6
182	2.4	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

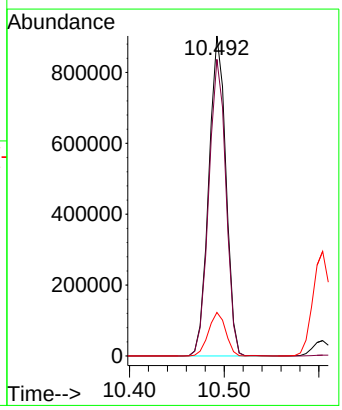
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

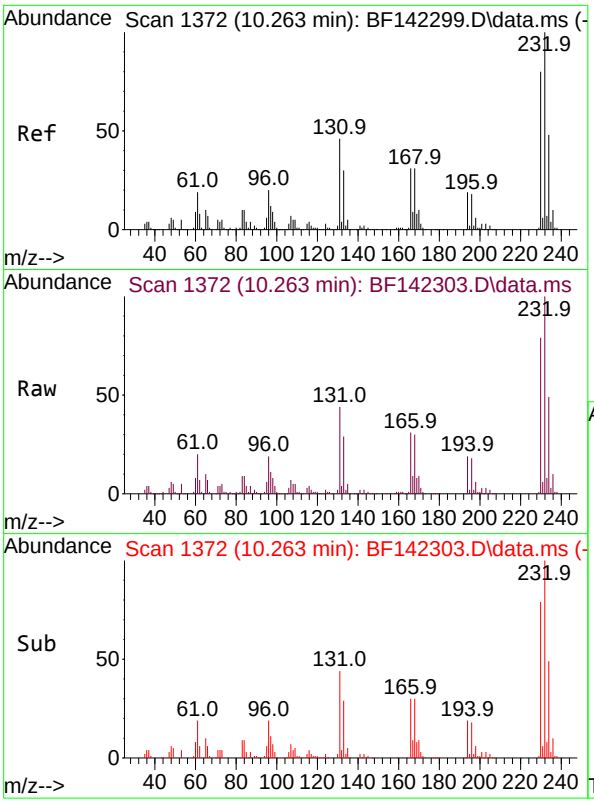


#58
Fluorene
Concen: 36.712 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

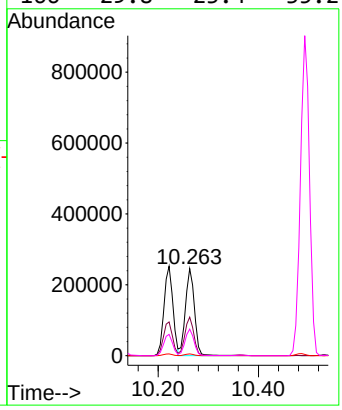




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.630 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:232 Resp: 30847

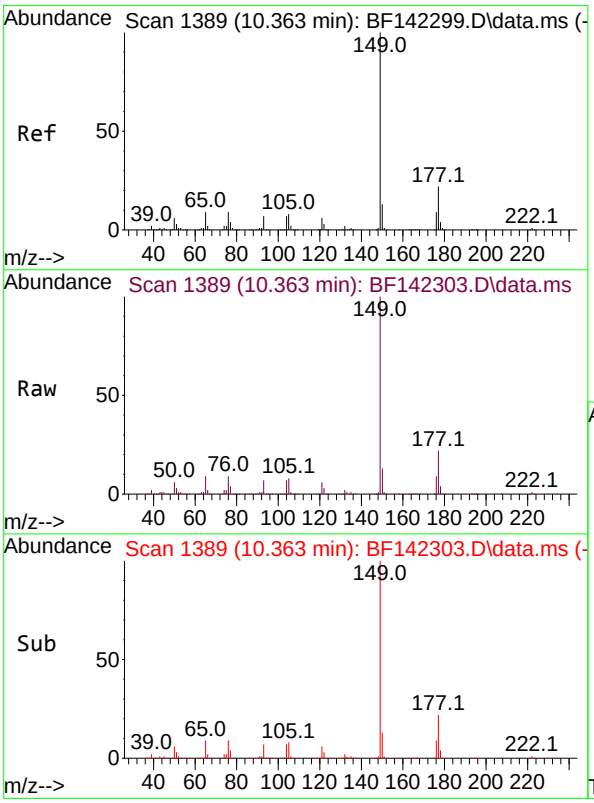
Ion	Ratio	Lower	Upper
232	100		
131	44.2	36.0	54.0
130	2.0	1.8	2.6
166	29.8	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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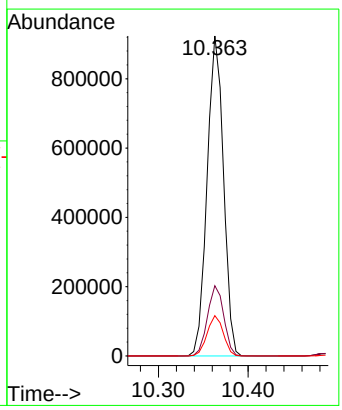
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

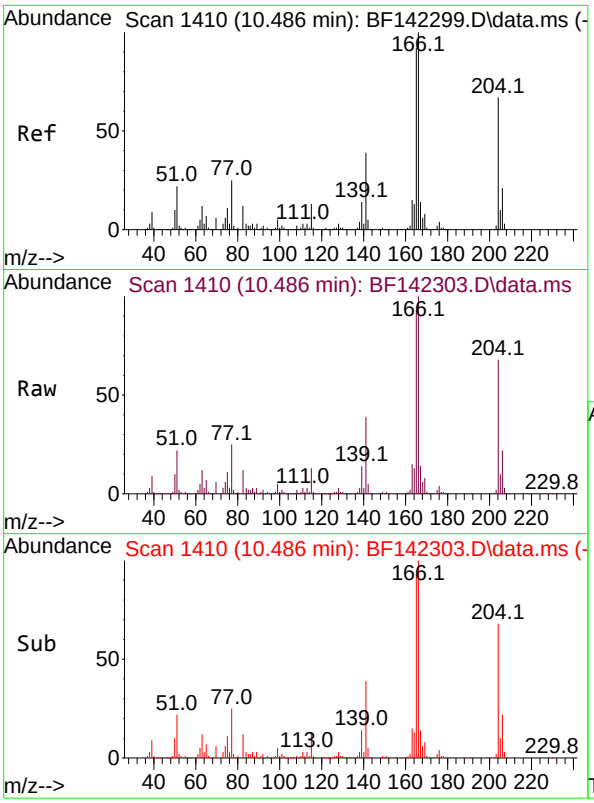


#60
Diethylphthalate
Concen: 38.064 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

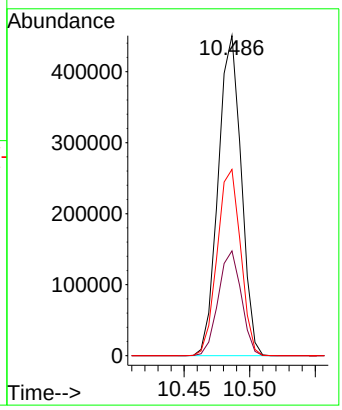
Tgt Ion:204 Resp: 54961(

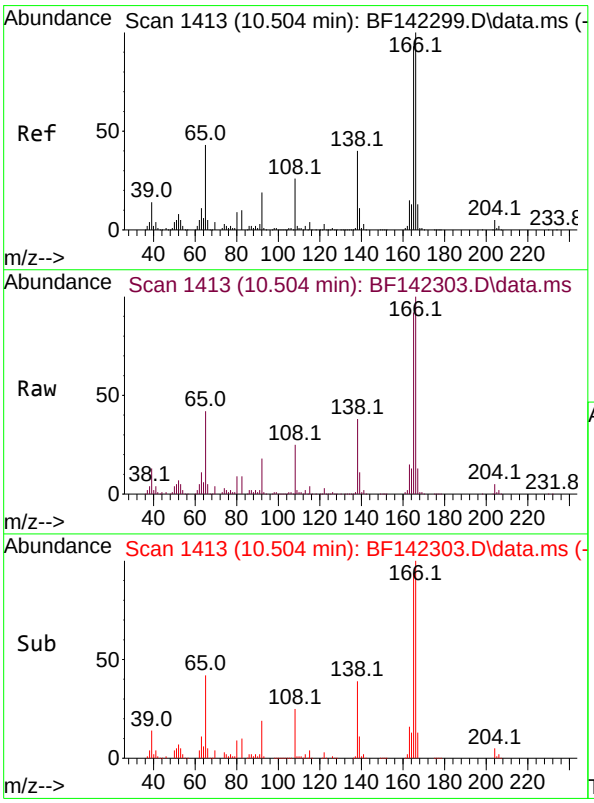
Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.5	38.3
141	58.2	46.4	69.6

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

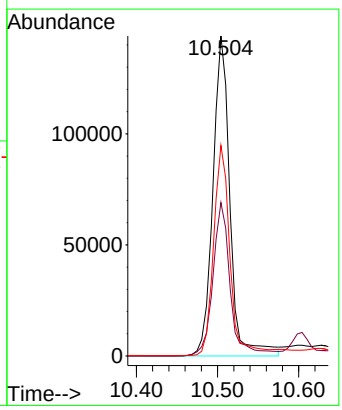


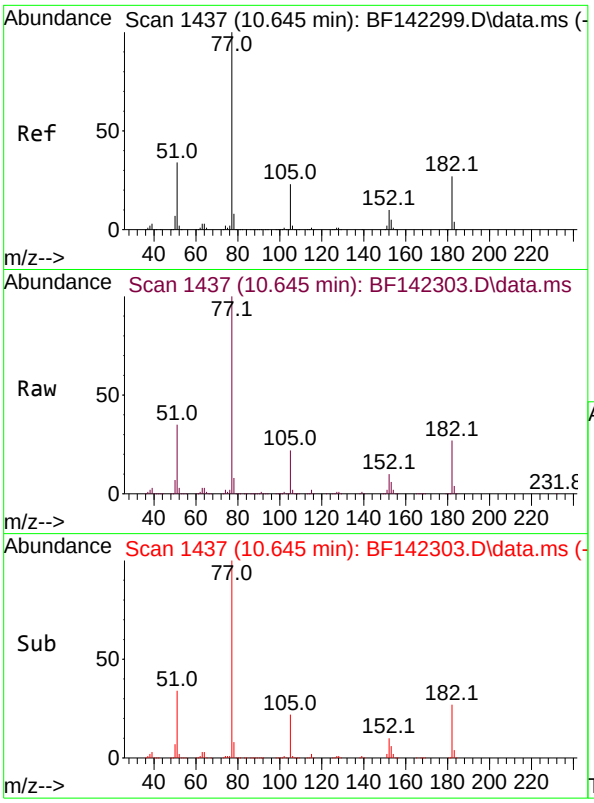


#62
4-Nitroaniline
Concen: 39.327 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

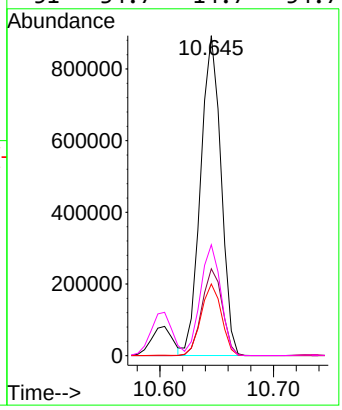




#63
Azobenzene
Concen: 37.908 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 77 Resp: 111239

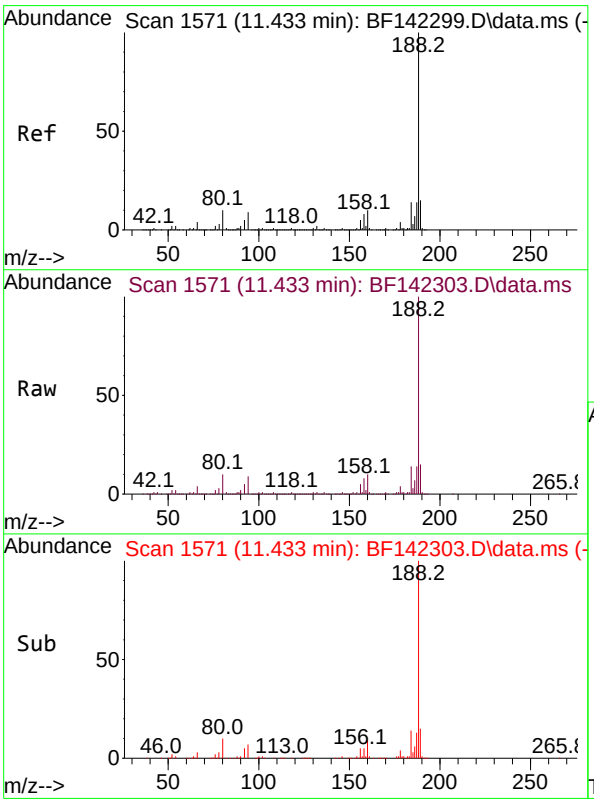
Ion	Ratio	Lower	Upper
77	100		
182	27.2	6.9	46.9
105	22.4	2.7	42.7
51	34.7	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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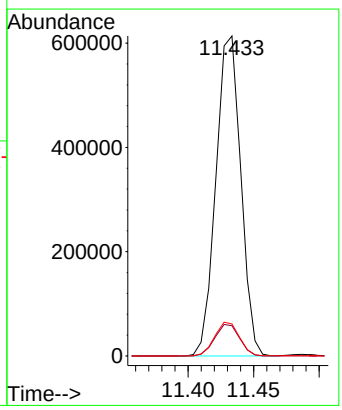
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

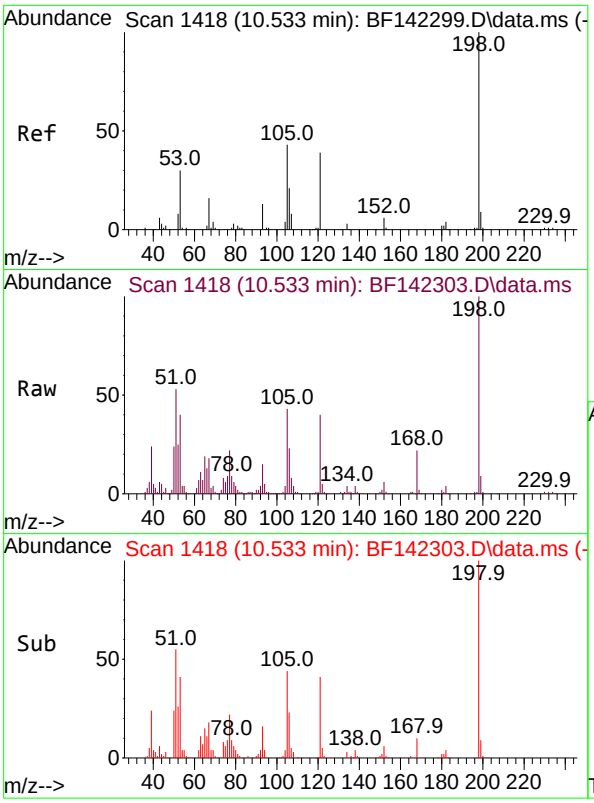


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

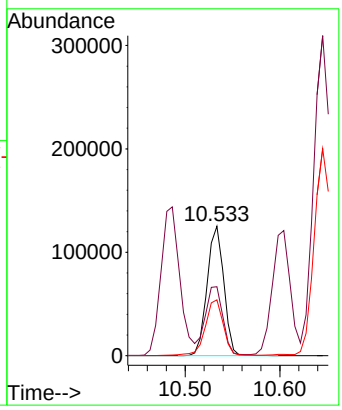
Tgt Ion:198 Resp: 15286

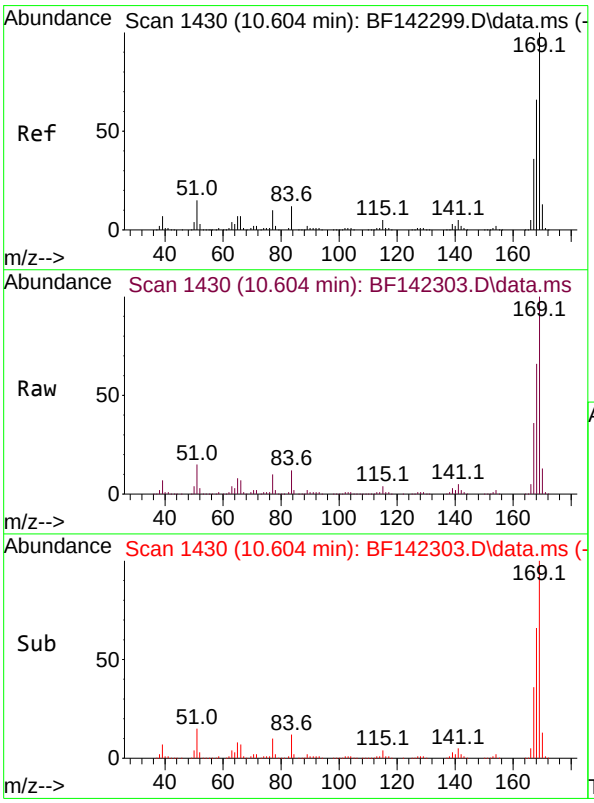
Ion	Ratio	Lower	Upper
198	100		
51	53.3	32.9	72.9
105	43.1	23.7	63.7

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

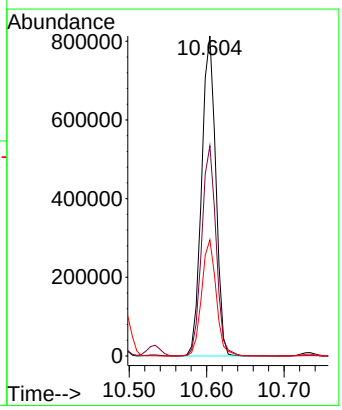


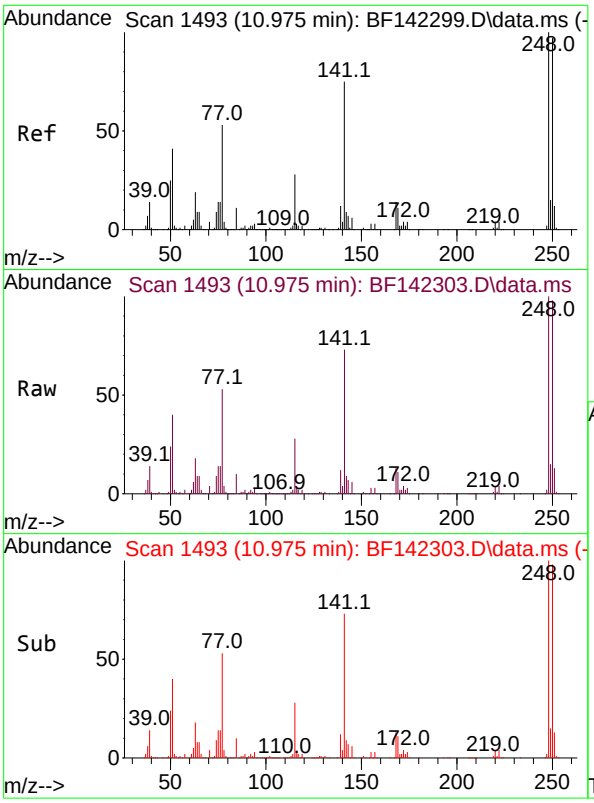


#66
n-Nitrosodiphenylamine
Concen: 38.096 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

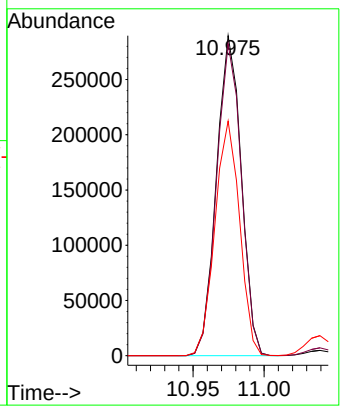
Tgt Ion:248 Resp: 35203

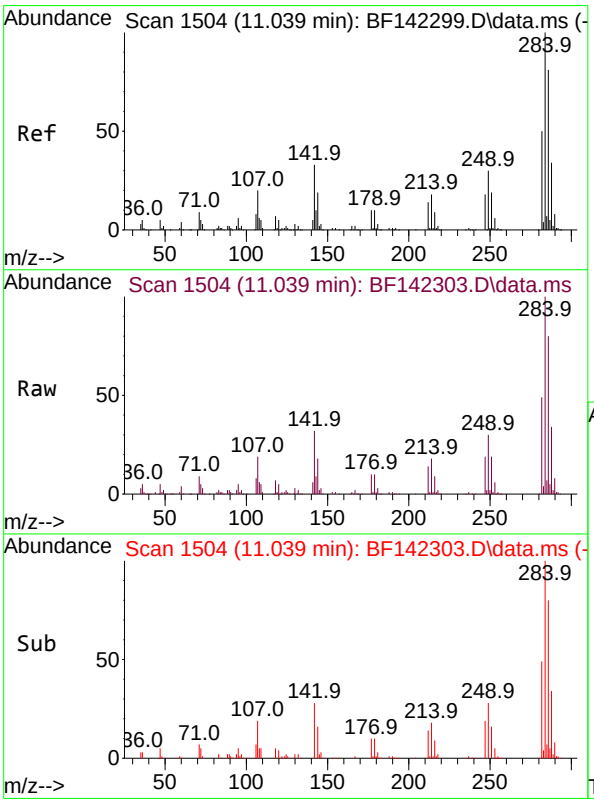
Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.9	116.9
141	73.3	59.8	89.8

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

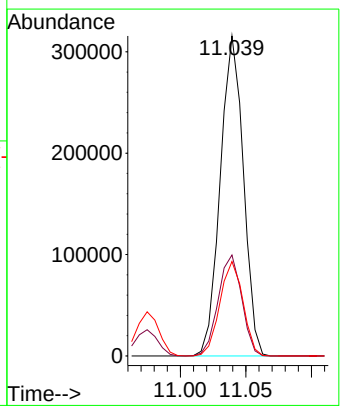


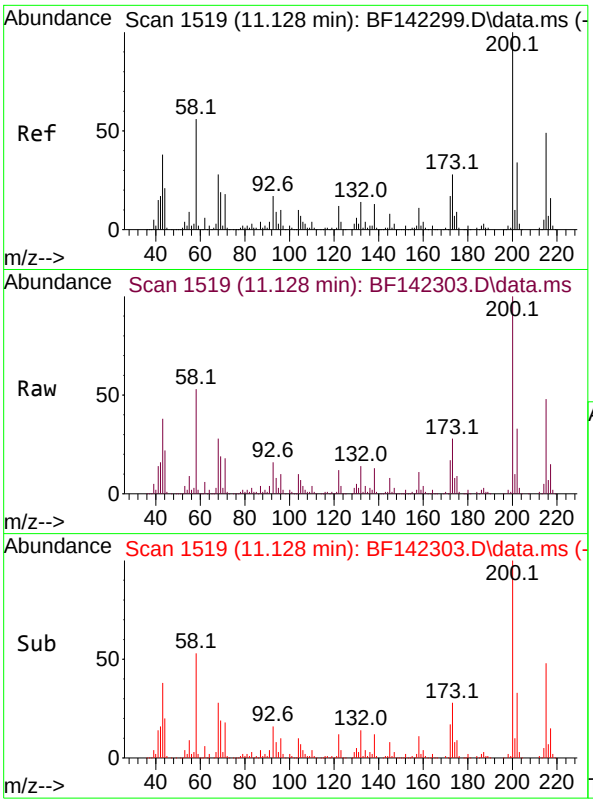


#68
Hexachlorobenzene
Concen: 38.273 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

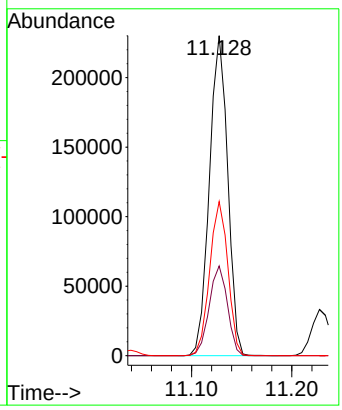




#69
Atrazine
Concen: 41.032 ng
RT: 11.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:200 Resp: 29183

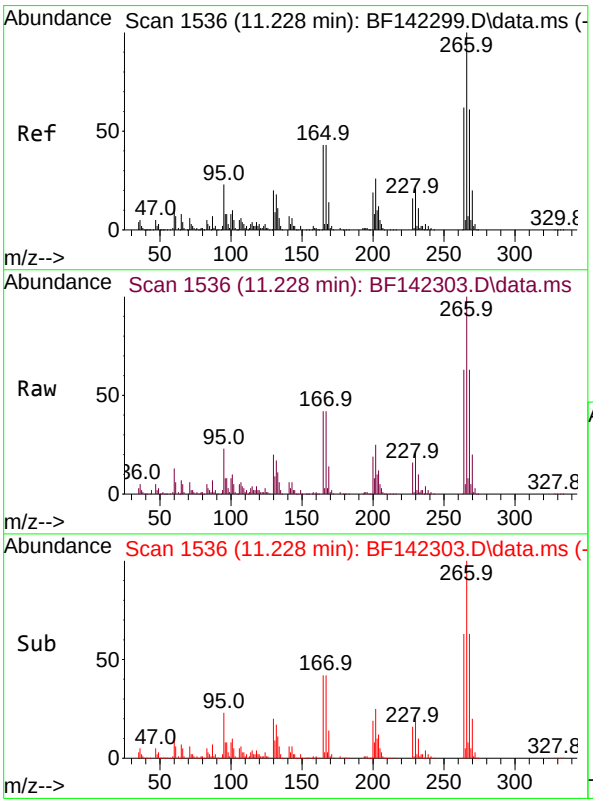
Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.1	48.1
215	48.2	28.8	68.8



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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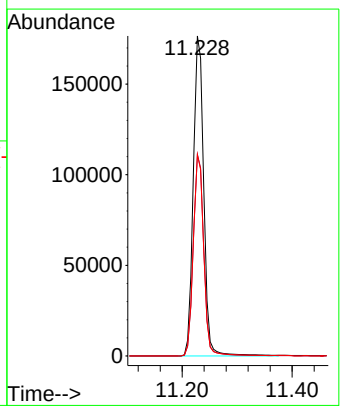
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

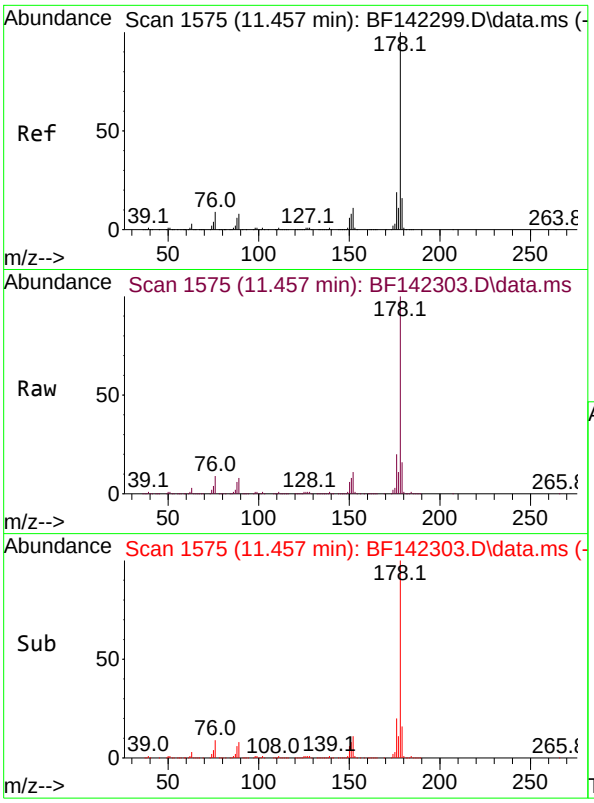


#70
Pentachlorophenol
Concen: 43.855 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

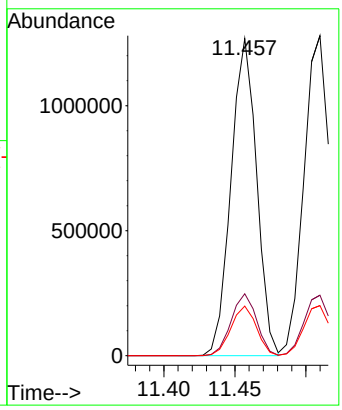




#71
Phenanthrene
Concen: 37.441 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:178 Resp: 159131

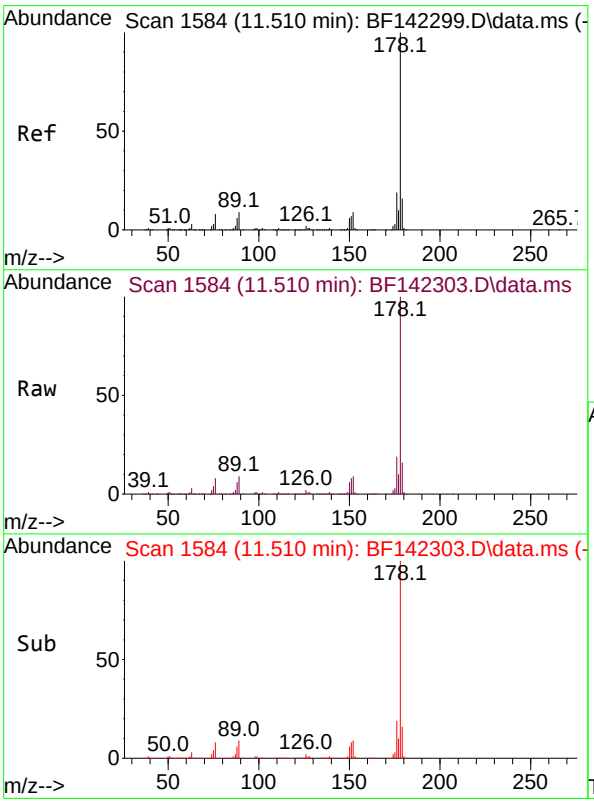
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.6	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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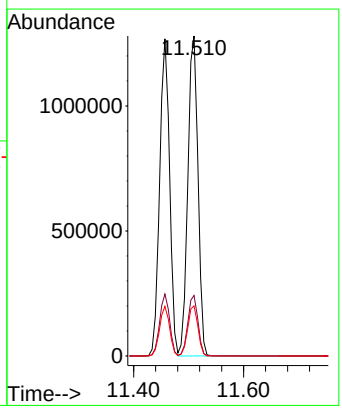
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

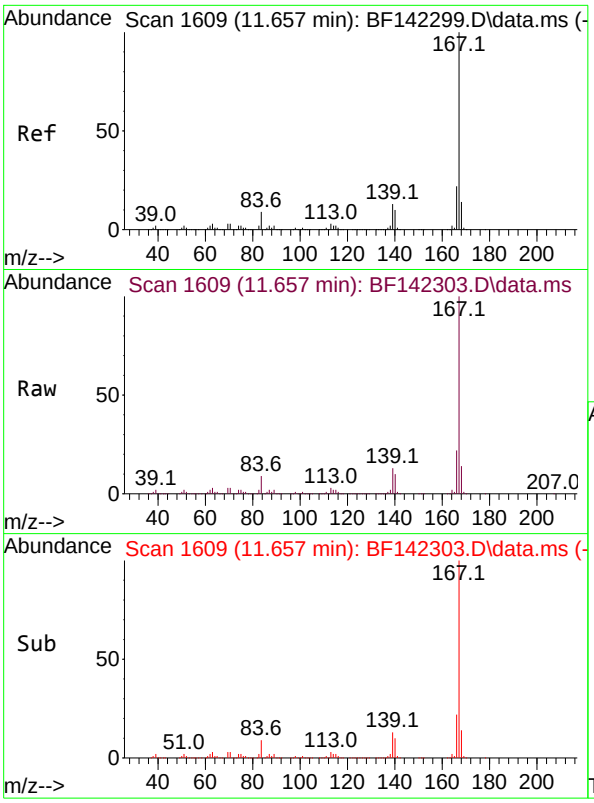


#72
Anthracene
Concen: 37.410 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

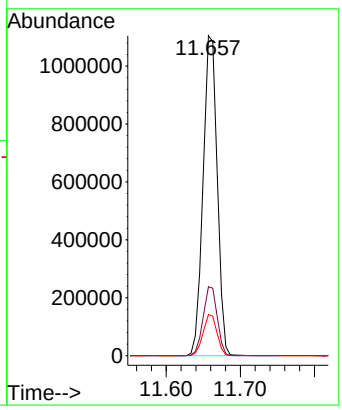




#73
Carbazole
Concen: 37.428 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:167 Resp: 146643

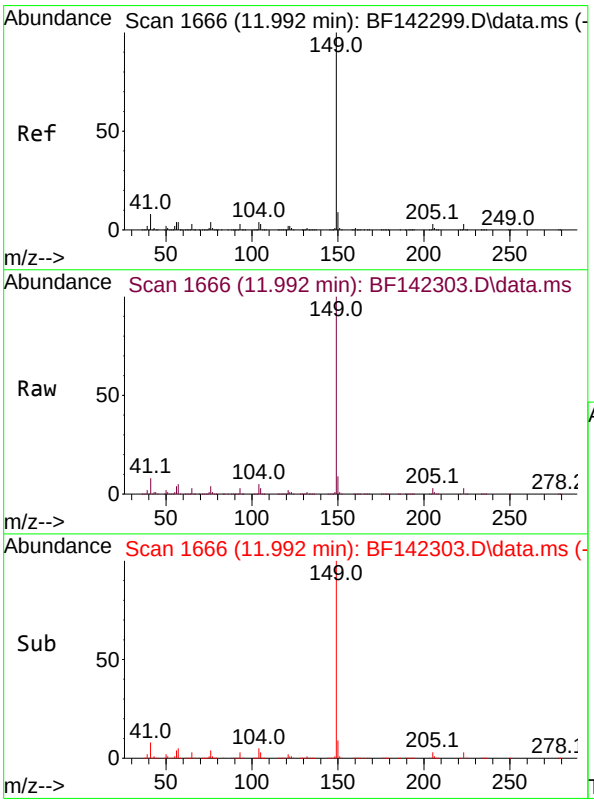
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.9	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

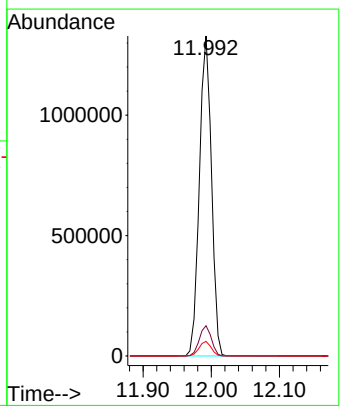
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

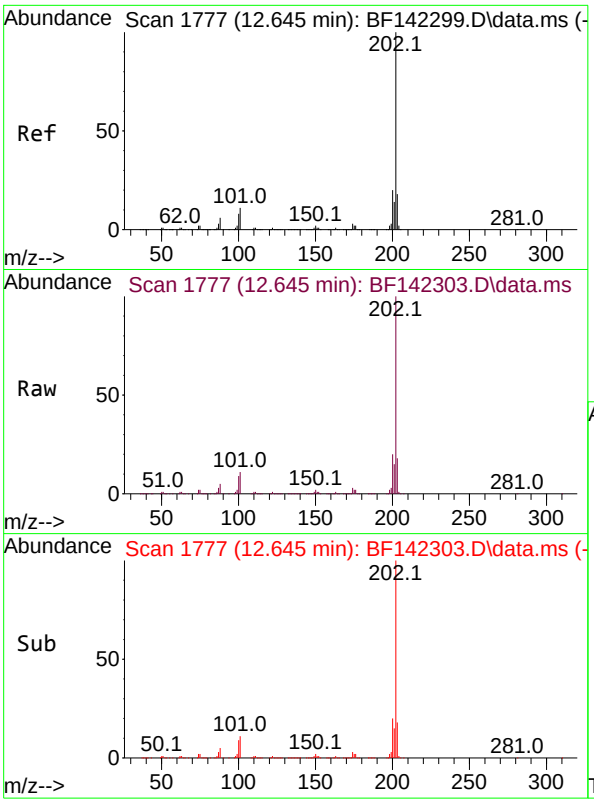


#74
Di-n-butylphthalate
Concen: 39.694 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

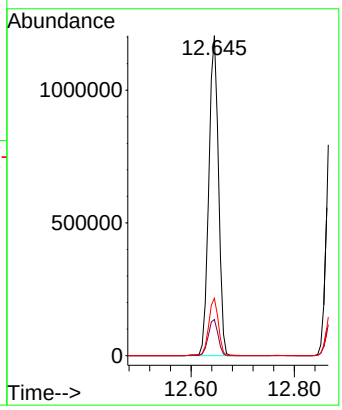




#75
Fluoranthene
Concen: 36.731 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:202 Resp: 156055

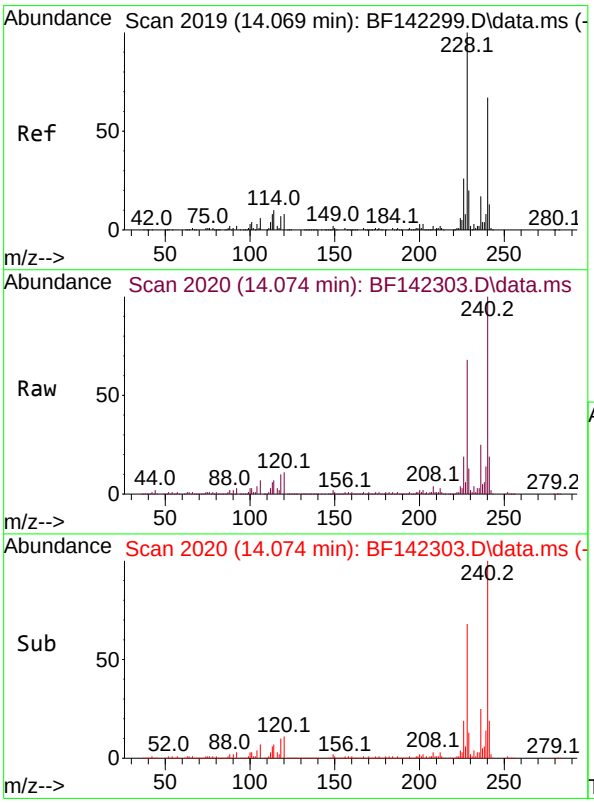
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.4
203	18.0	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

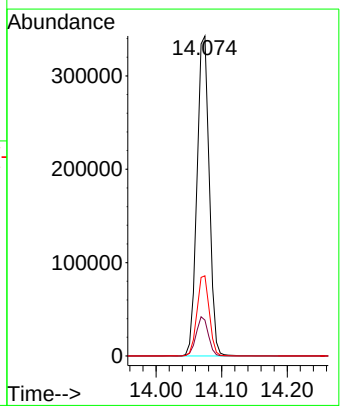
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

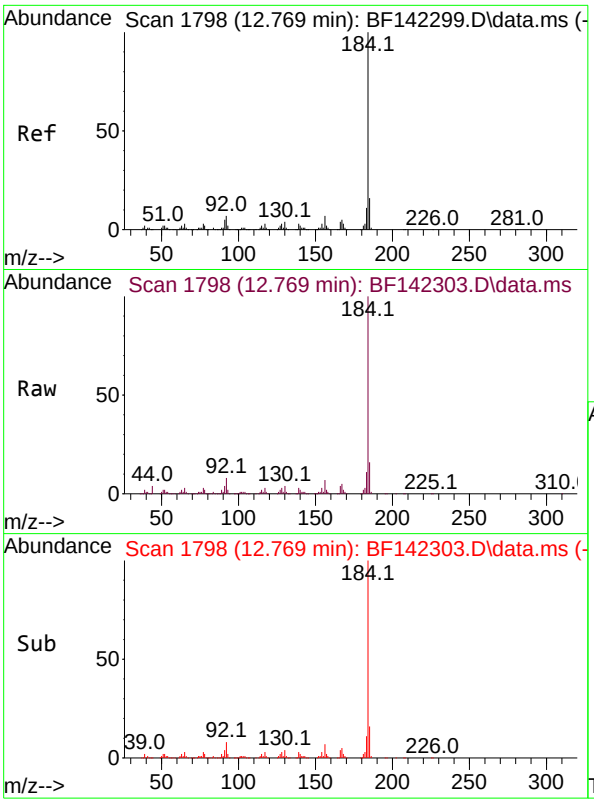


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

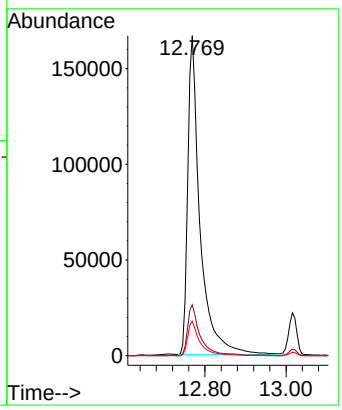




#77
Benzidine
Concen: 43.136 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:184 Resp: 34974

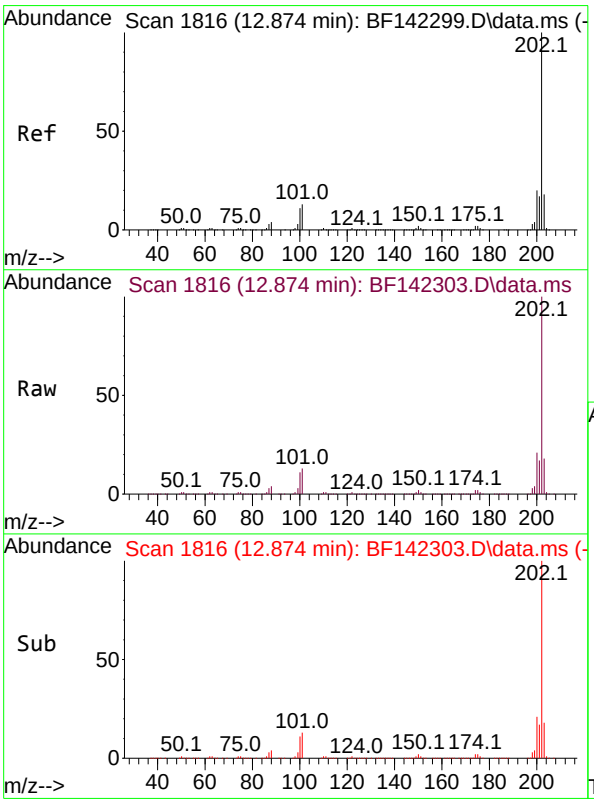
Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	10.8	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

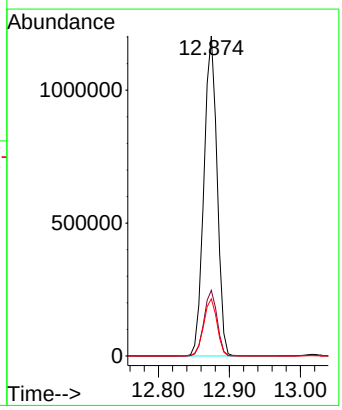
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

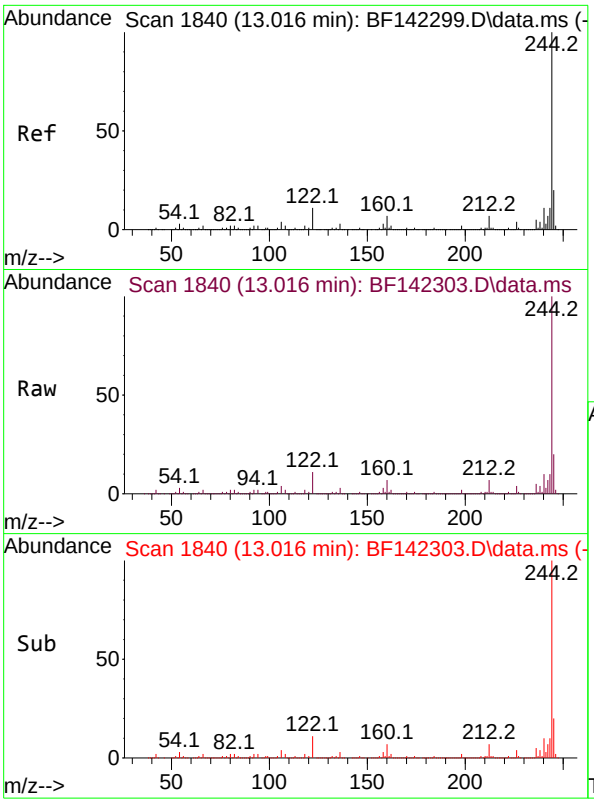


#78
Pyrene
Concen: 39.120 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

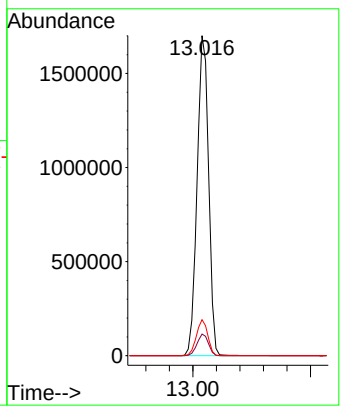




#79
Terphenyl-d14
Concen: 76.366 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:244 Resp: 230192

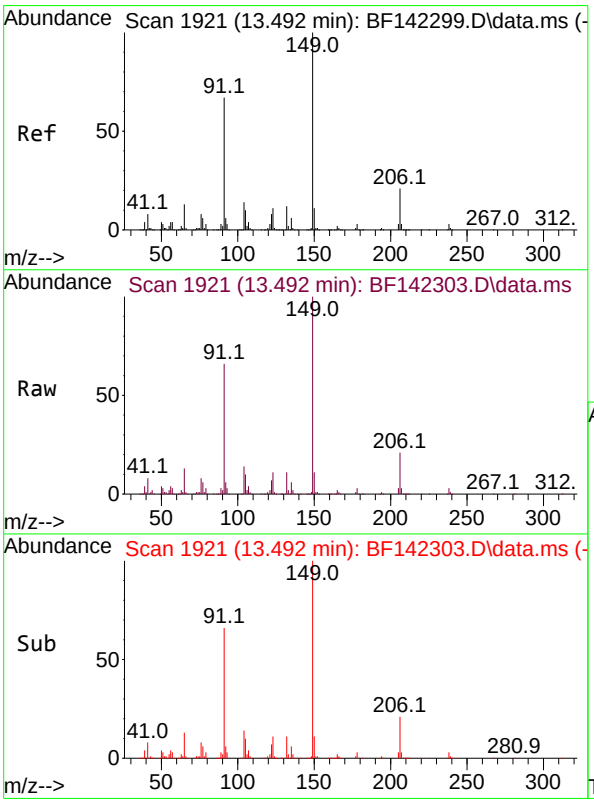
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.3	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

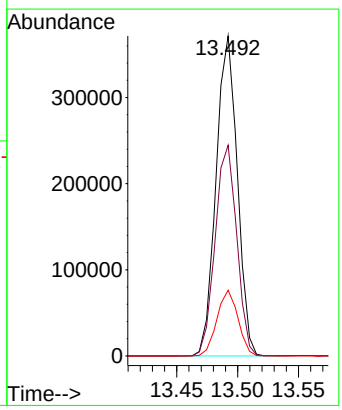
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

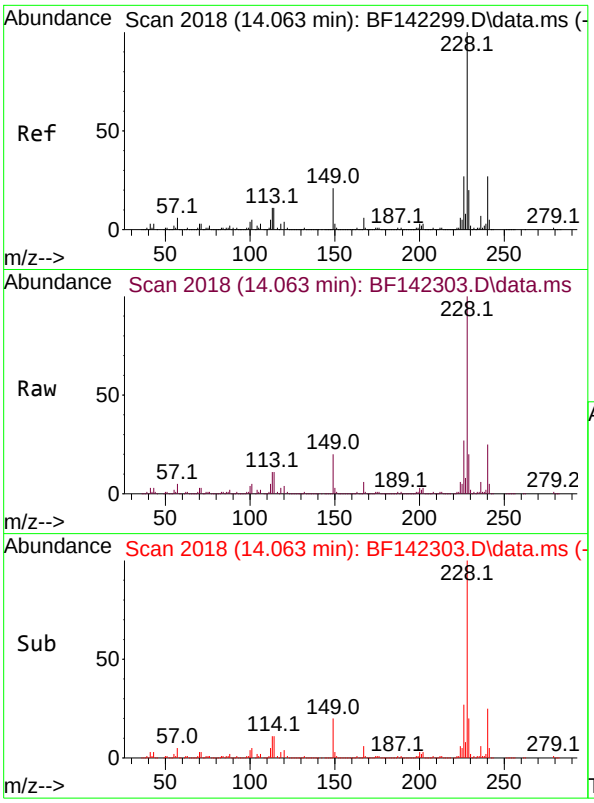


#80
Butylbenzylphthalate
Concen: 39.681 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

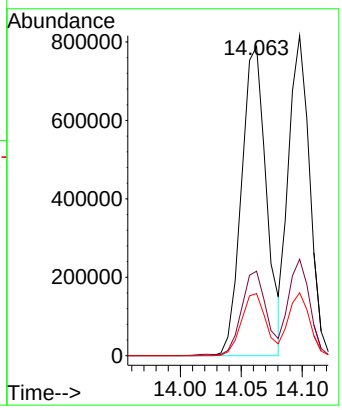




#81
Benzo(a)anthracene
Concen: 38.827 ng
RT: 14.063 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:228 Resp: 112183

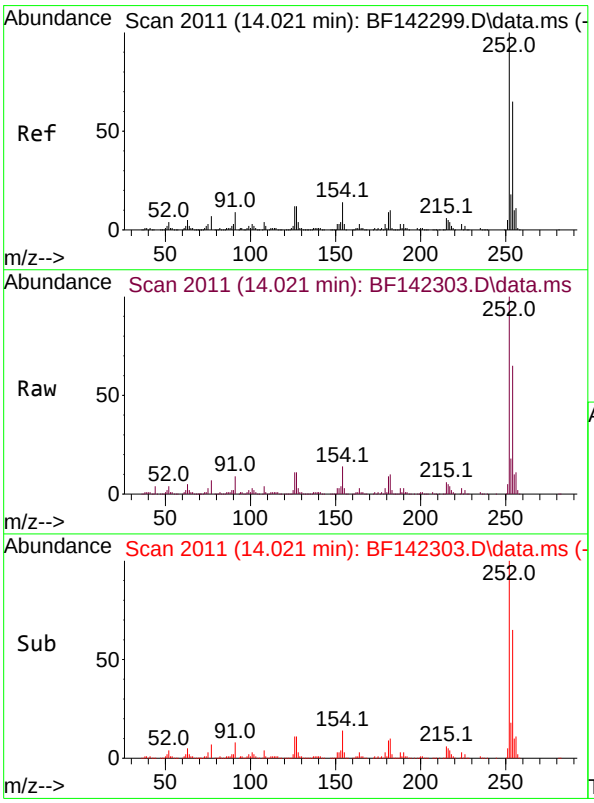
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.5	32.3
229	20.0	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

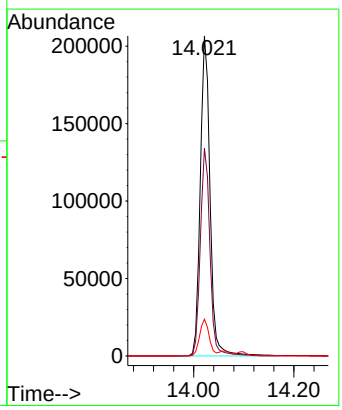
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

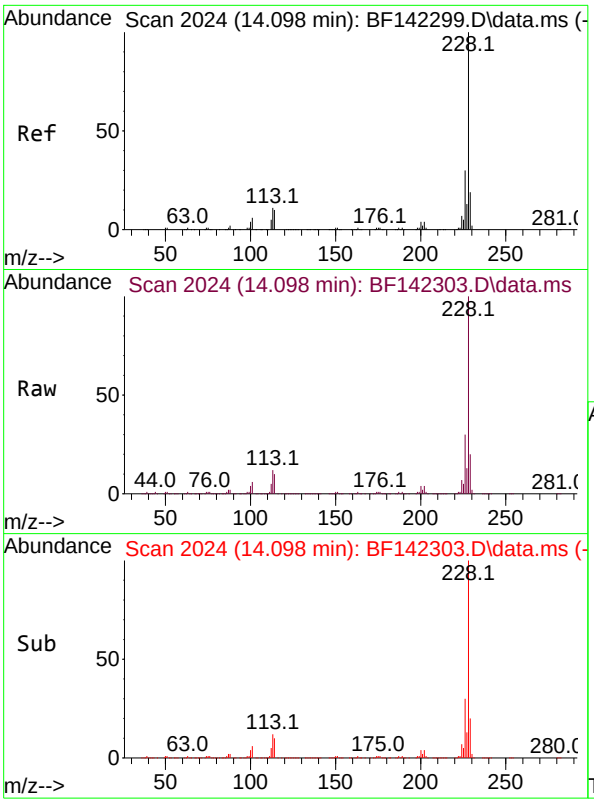


#82
3,3'-Dichlorobenzidine
Concen: 41.464 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

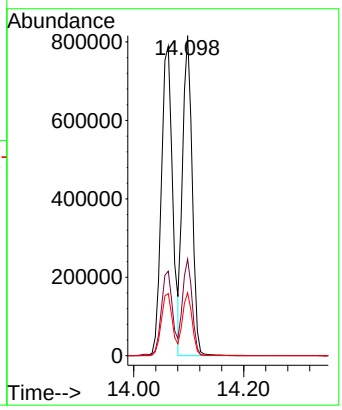




#83
Chrysene
Concen: 36.701 ng
RT: 14.098 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:228 Resp: 98717(

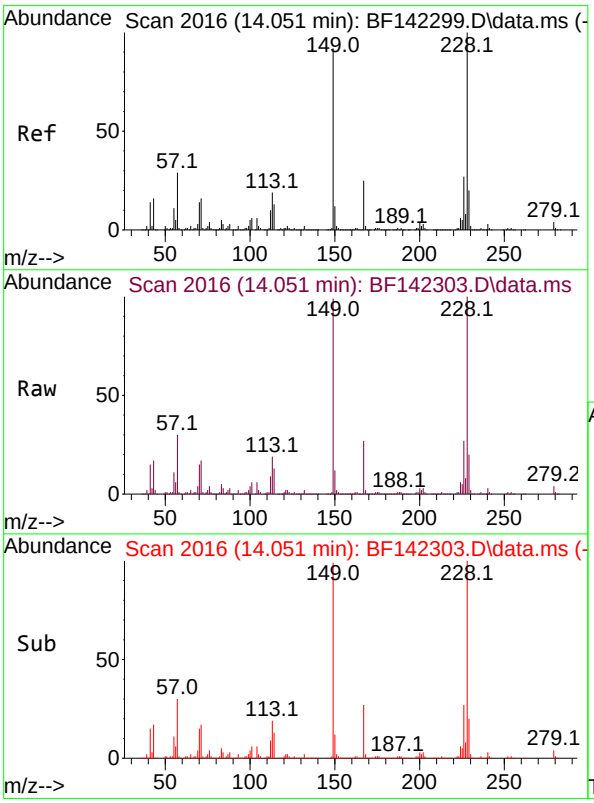
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.7	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

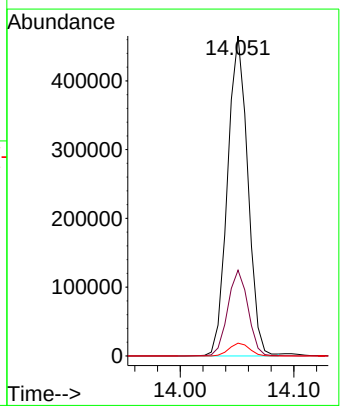
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

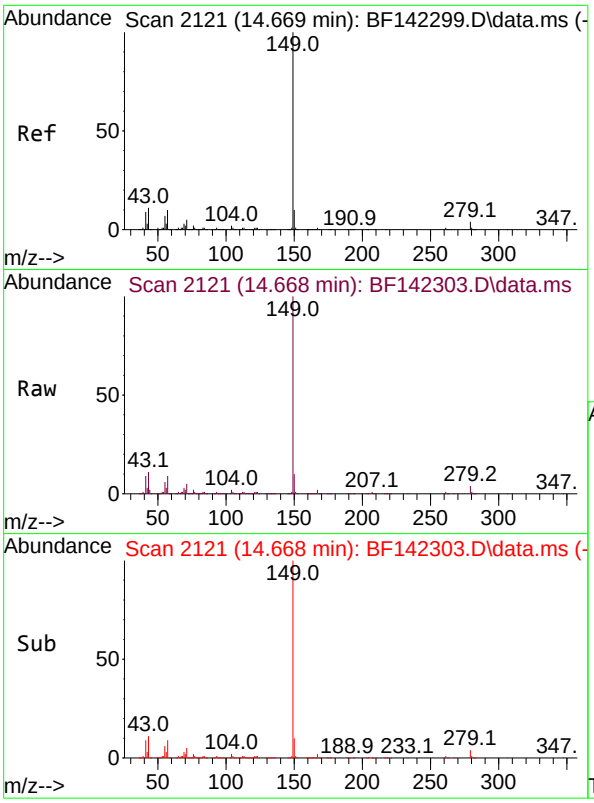


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.051 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

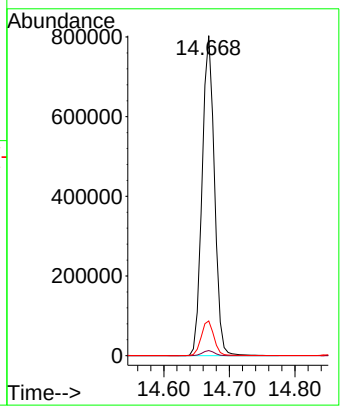
Tgt Ion:149 Resp: 105357

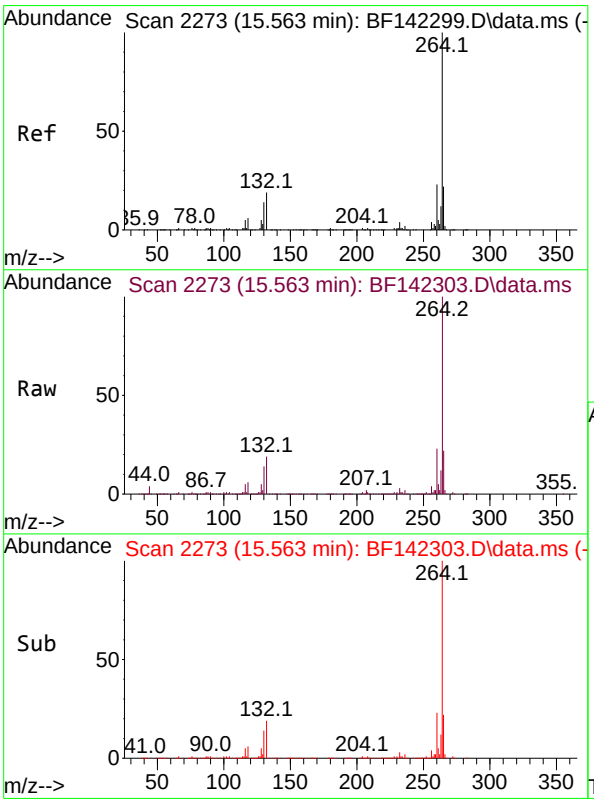
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.3	9.2	13.8

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

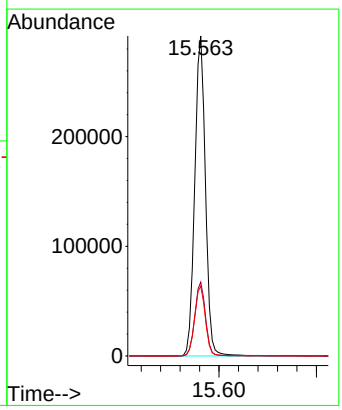


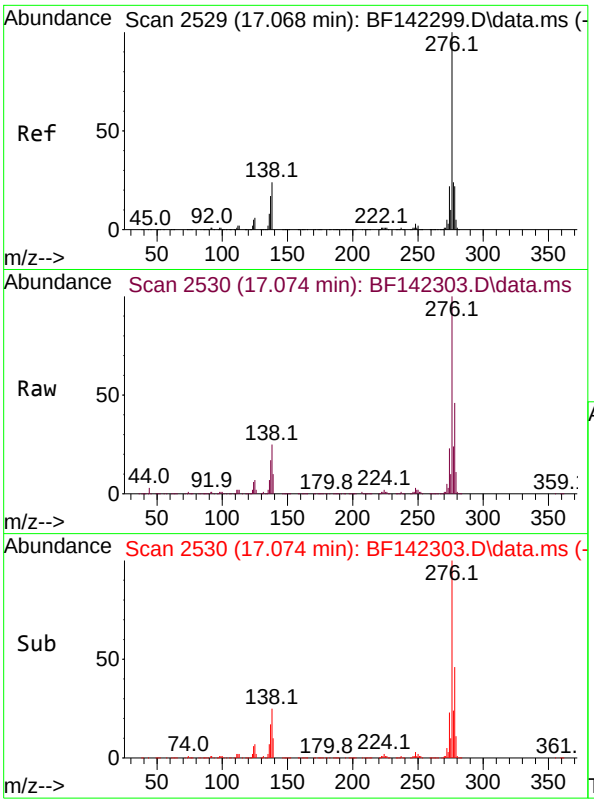


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

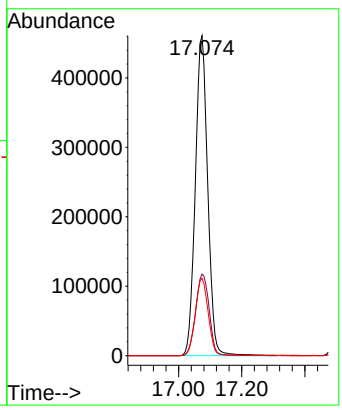




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.452 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:276 Resp: 125844

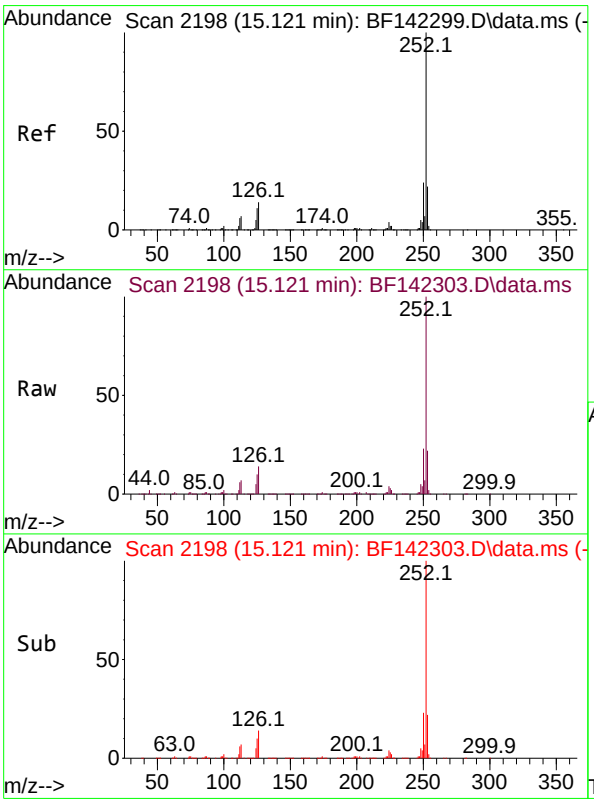
Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.0	33.0
277	25.2	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

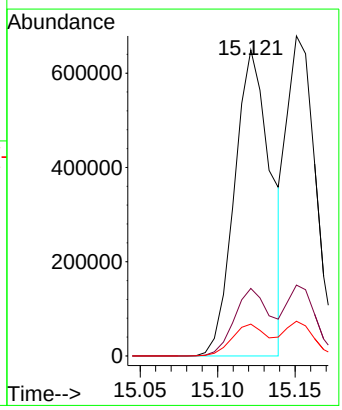
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

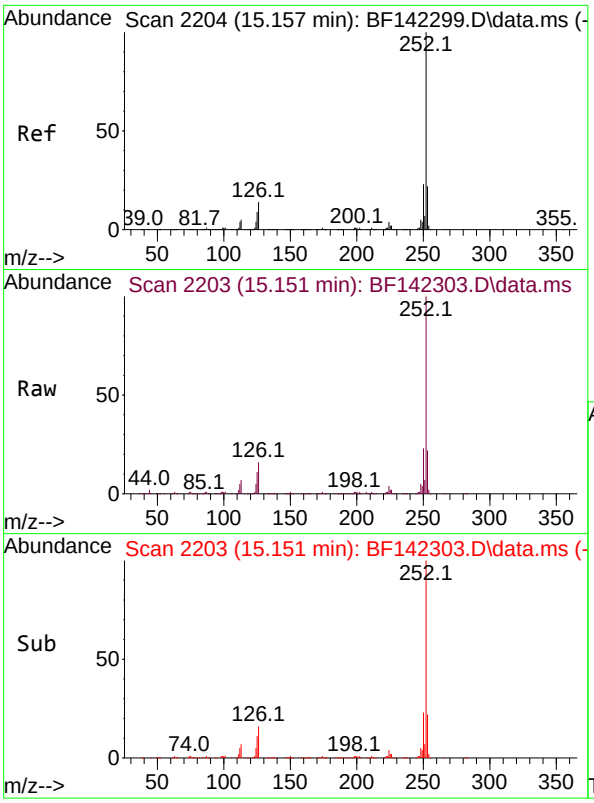


#88
Benzo(b)fluoranthene
Concen: 38.957 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

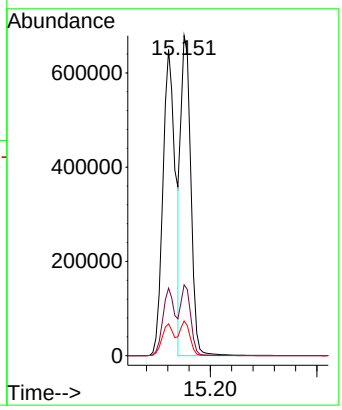




#89
Benzo(k)fluoranthene
Concen: 35.727 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:252 Resp: 88557

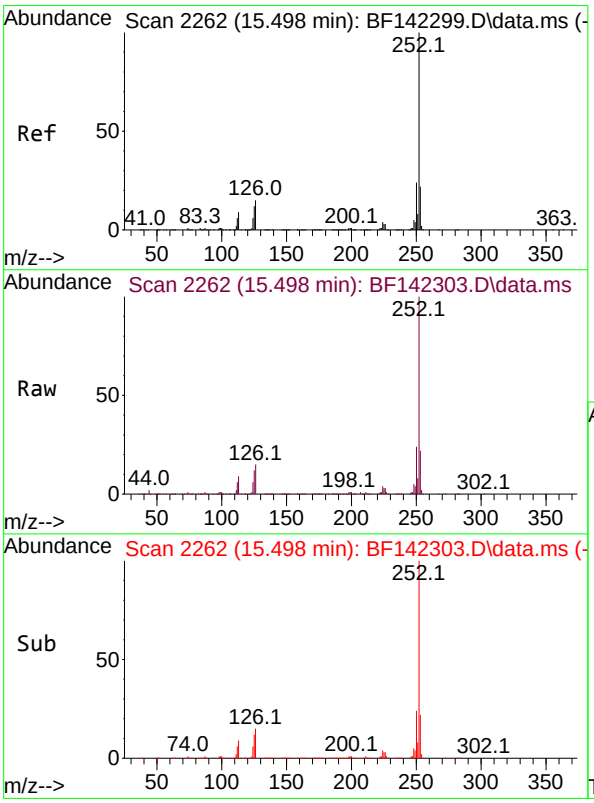
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.8	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

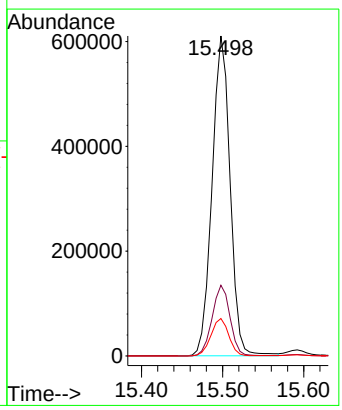
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

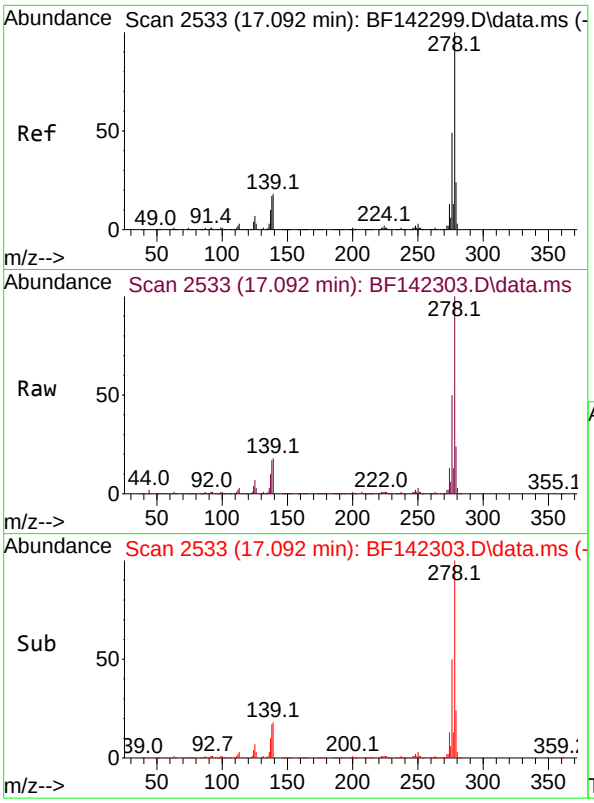


#90
Benzo(a)pyrene
Concen: 38.871 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

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

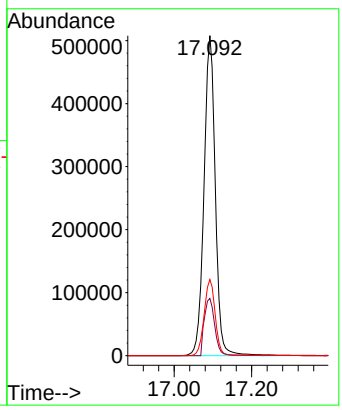




#91
Dibenzo(a,h)anthracene
Concen: 40.084 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:278 Resp: 103021

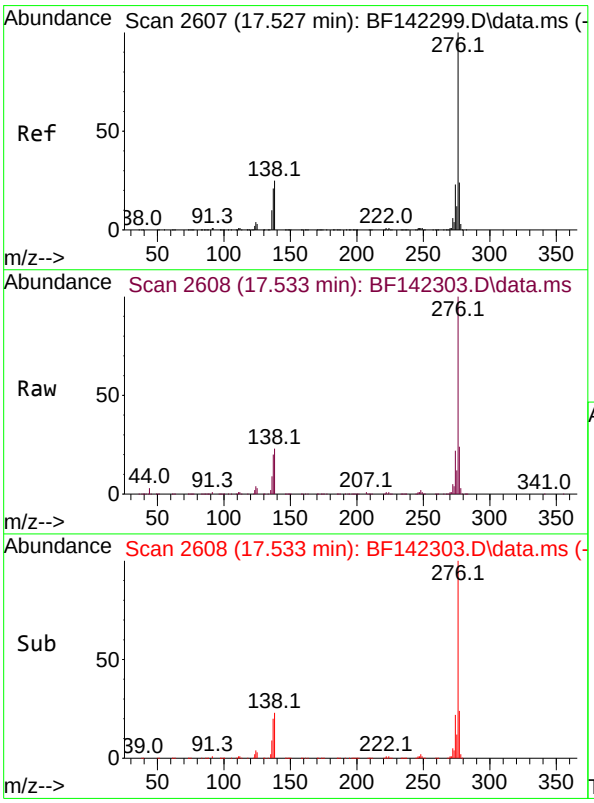
Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.5	21.7
279	23.8	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

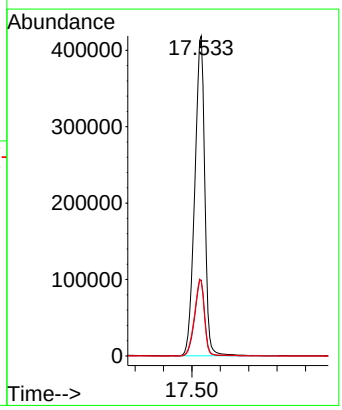
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#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: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG No.: Q2001

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
Pyridine		1.054	1.135	1.202	1.198	1.363	1.218	8.6
2-Fluorophenol		1.134	1.096	1.162	1.105	1.272	1.169	5.5
Phenol-d6		1.301	1.344	1.486	1.472	1.671	1.492	9.1
1,4-Dichlorobenzene		1.558	1.505	1.525	1.470	1.637	1.536	3.7
2-Methylphenol		0.966	0.949	1.105	1.099	1.246	1.105	10.3
3+4-Methylphenols		1.221	1.302	1.503	1.515	1.702	1.503	12.2
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
Hexachlorobutadiene		0.231	0.214	0.211	0.198	0.222	0.213	5.1
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
2,4-Dinitrotoluene		0.400	0.422	0.456	0.454	0.508	0.454	7.9
2,4,6-Tribromophenol		0.324	0.321	0.335	0.323	0.369	0.339	5.5
Hexachlorobenzene		0.303	0.288	0.298	0.282	0.321	0.299	4.2
Pentachlorophenol		0.124	0.137	0.163	0.172	0.198	0.168	17.1
Terphenyl-d14		1.192	1.113	1.165	1.125	1.226	1.166	3.3

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

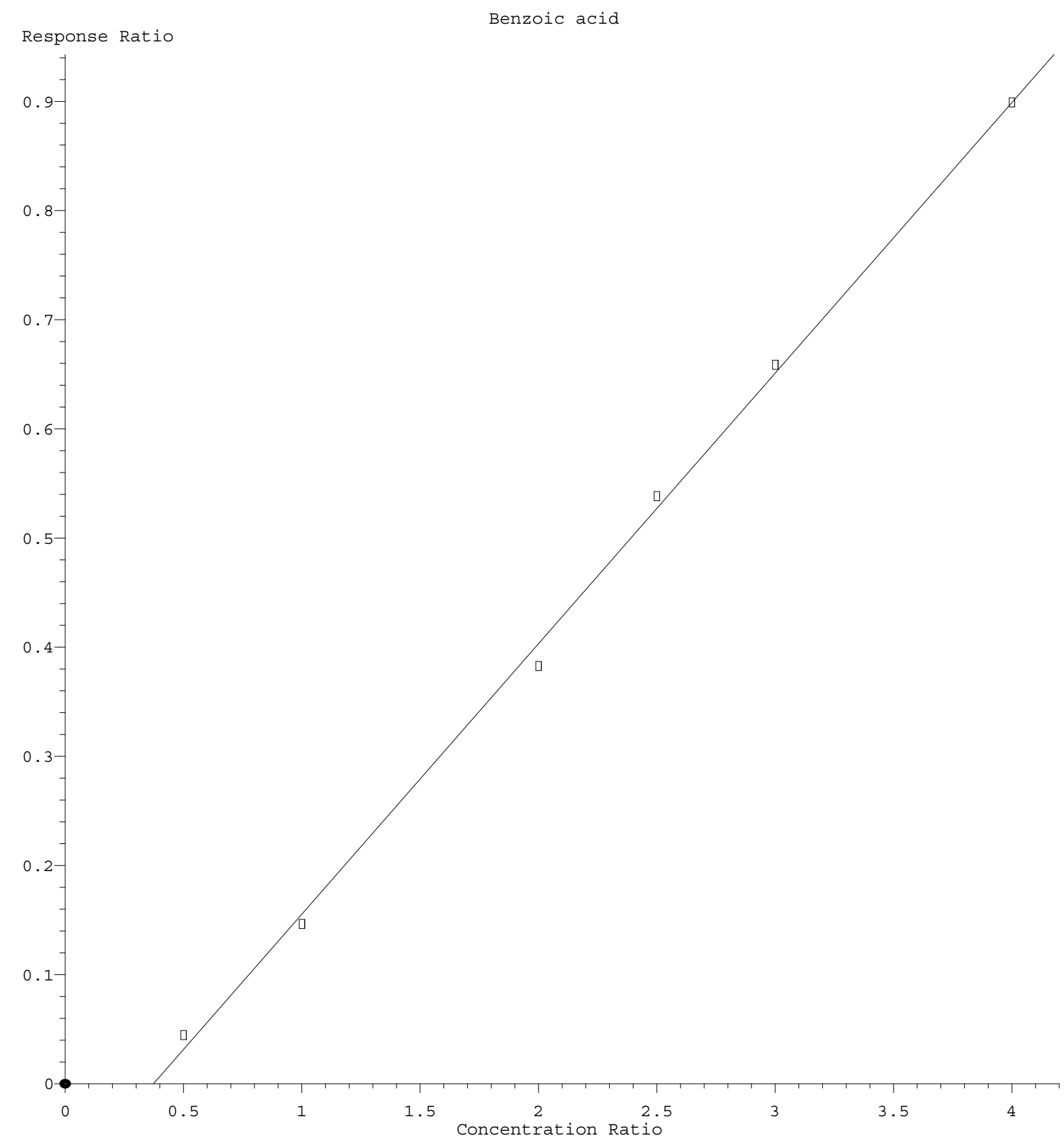
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP051325.M

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

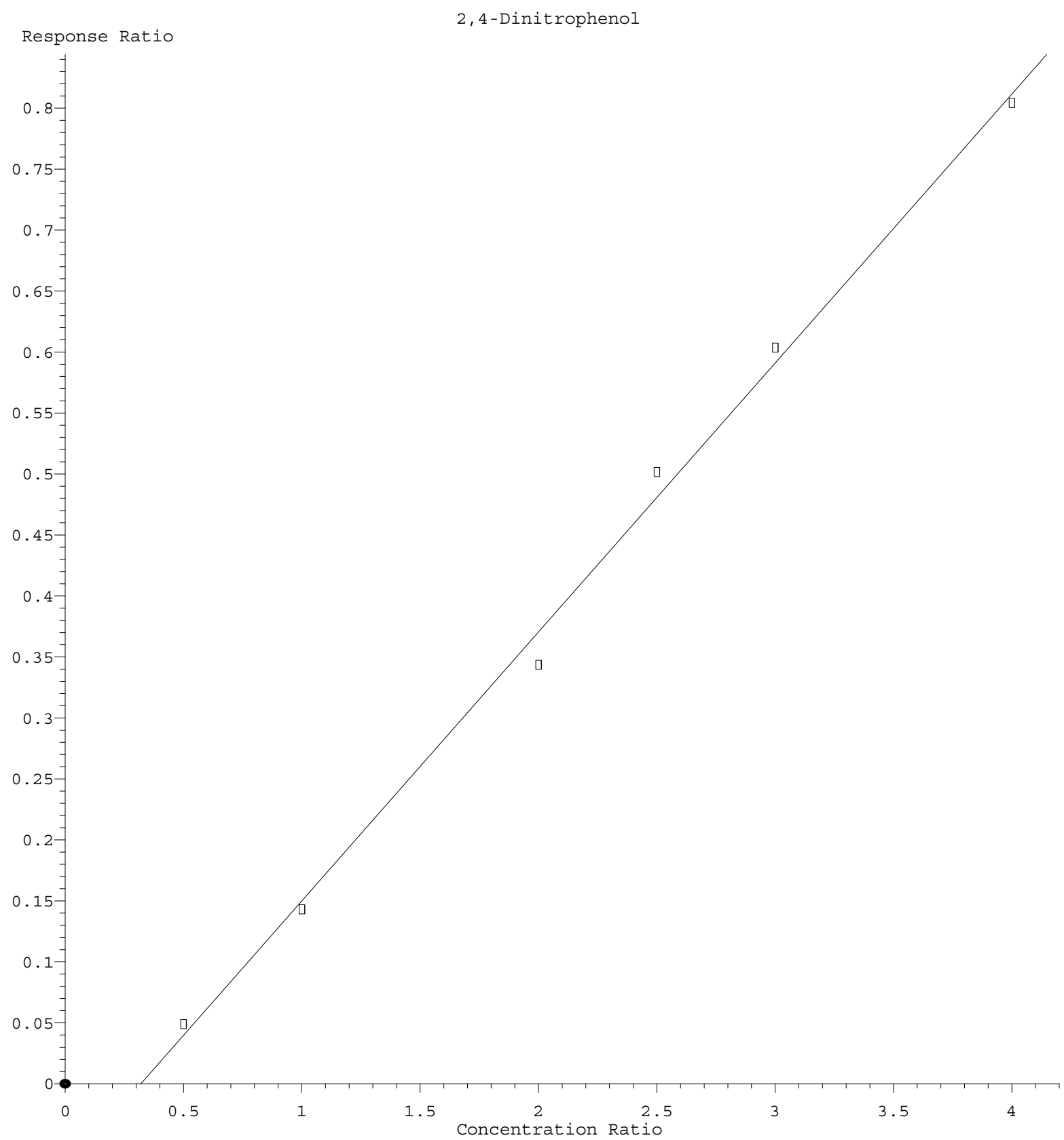
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP051325.M

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

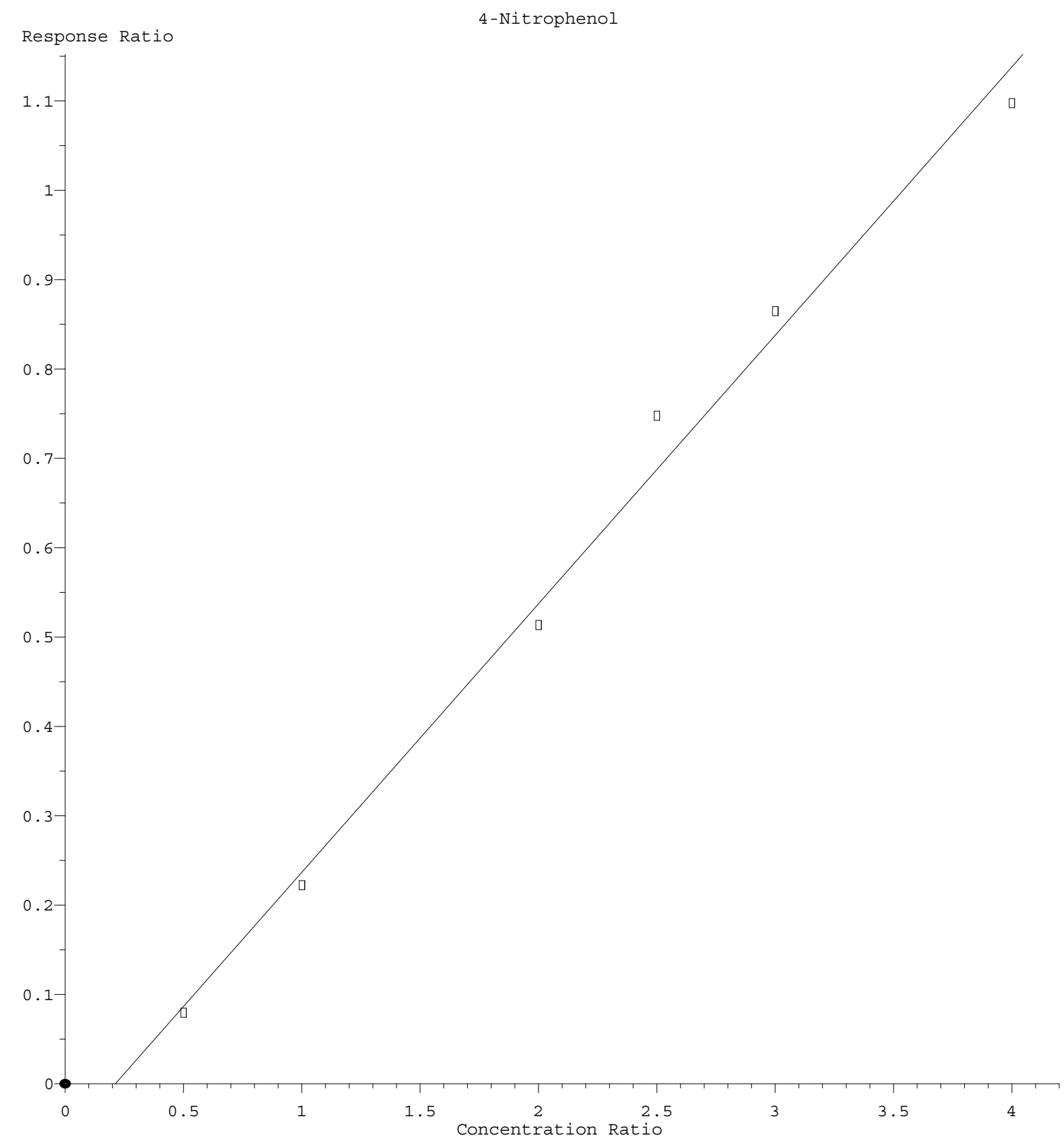
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Response = 2.481e-001 * Amt - 9.265e-002
Coef of Det (r^2) = 0.998338 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP051325.M
Calibration Table Last Updated: Tue May 13 16:21:39 2025



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

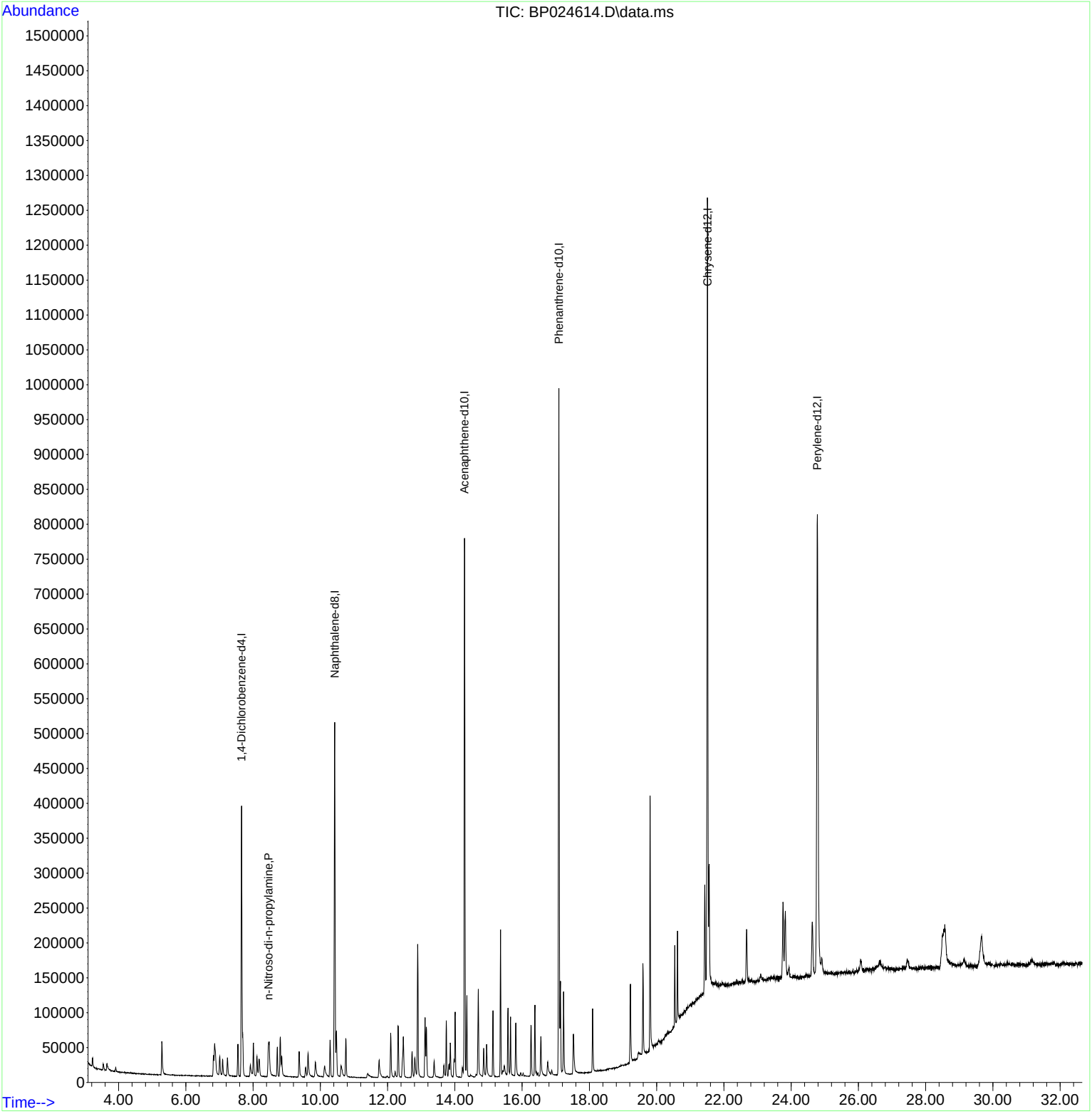
(#) = qualifier out of range (m) = manual integration (+) = signals summed

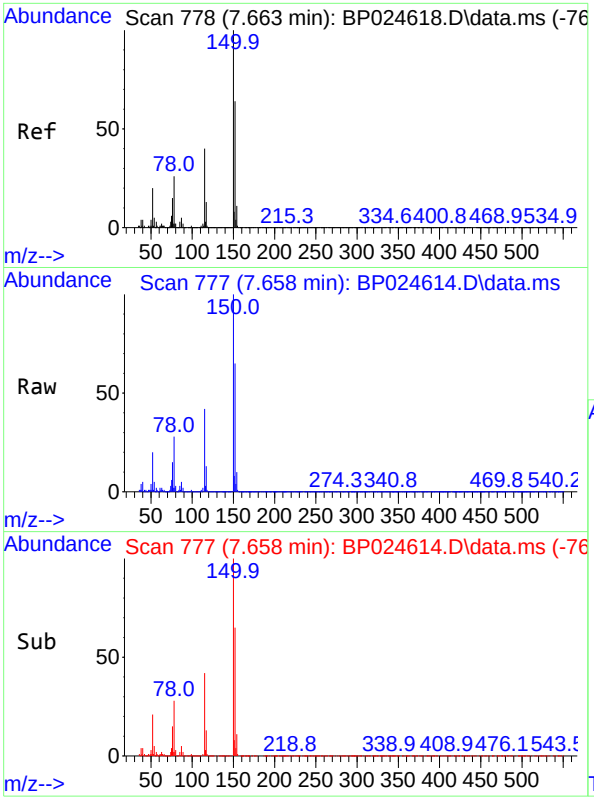
ICAL Form

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



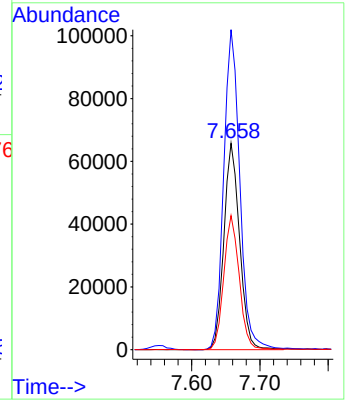


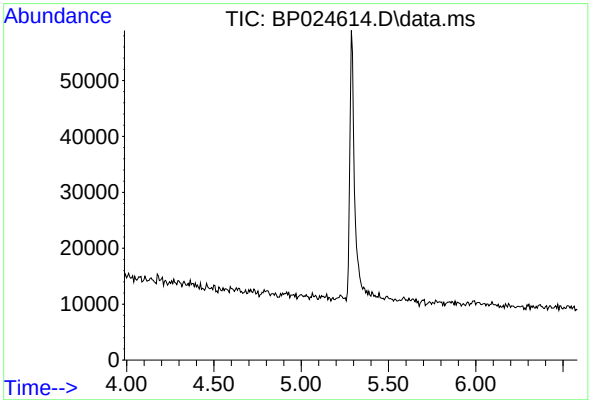
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.658 min Scan# 7
Delta R.T. -0.005 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

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



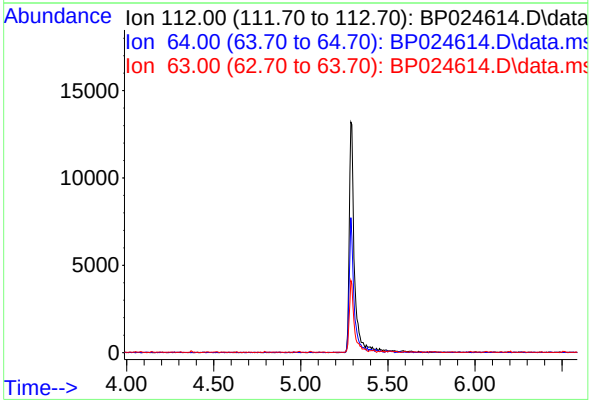


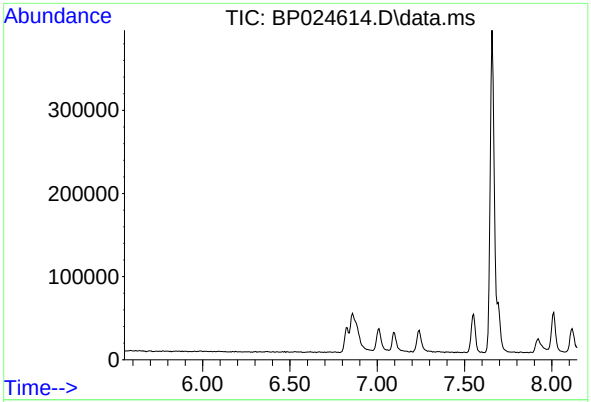
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.29 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.1
63	29.4





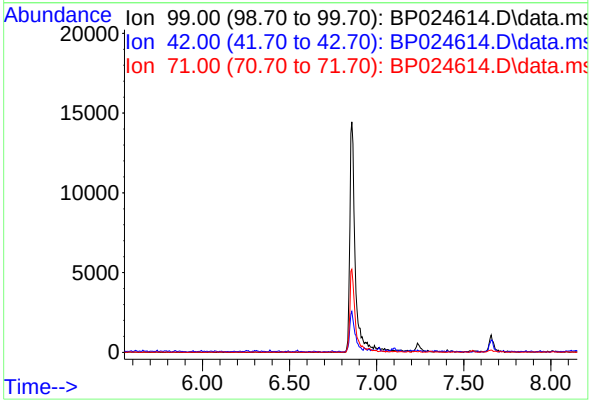
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.85 min

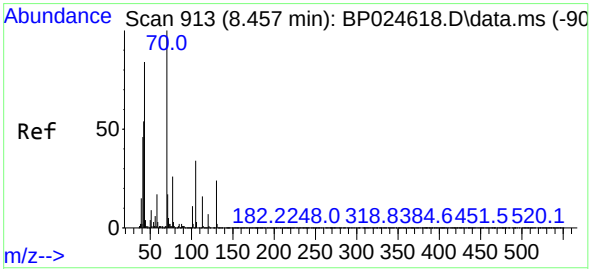
Lab File: BP024614.D
Acq: 13 May 2025 10:41

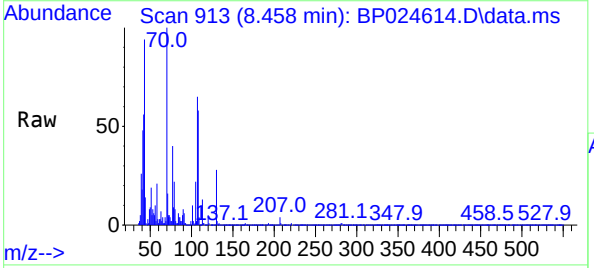
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

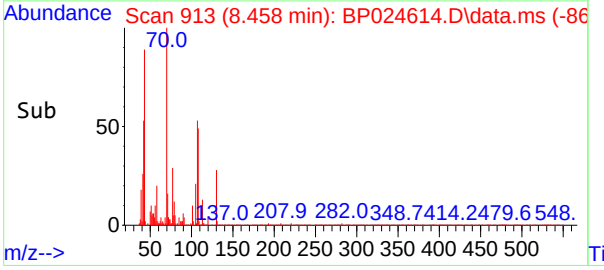
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	18.0
71	36.5





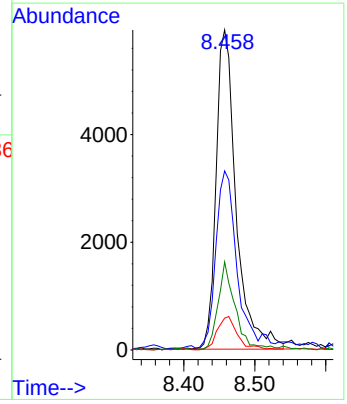


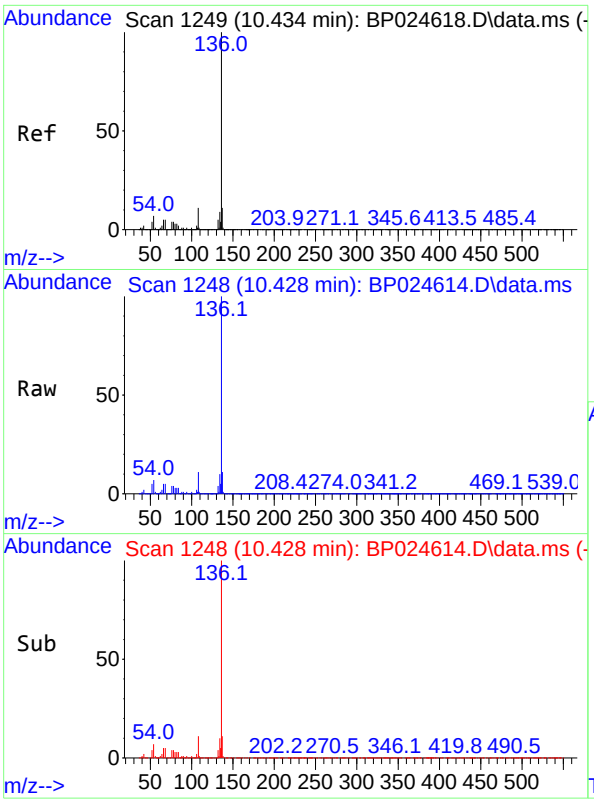


#19
n-Nitroso-di-n-propylamine
Concen: 2.13 ng
RT: 8.458 min Scan# 913
Delta R.T. 0.000 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

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



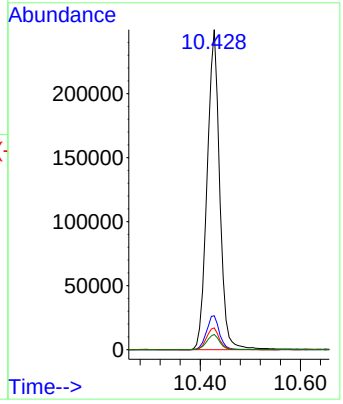


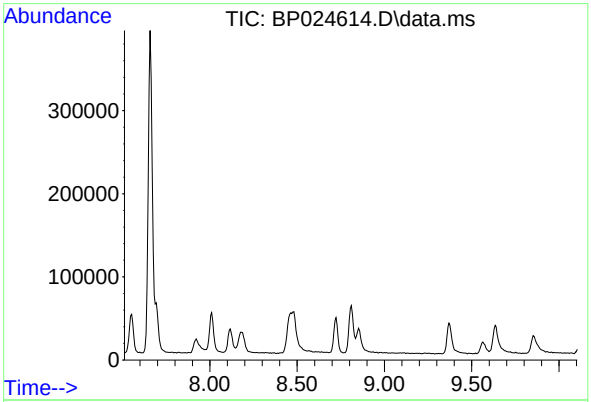
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

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



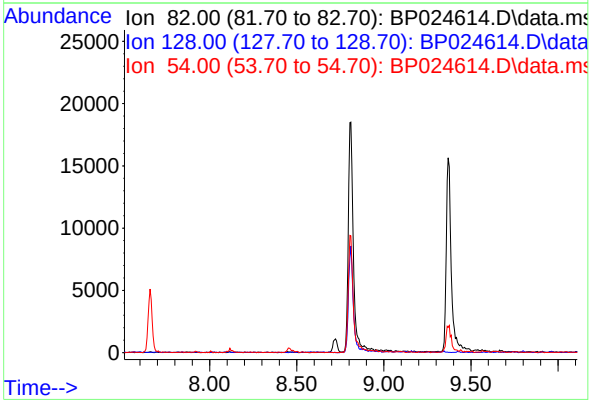


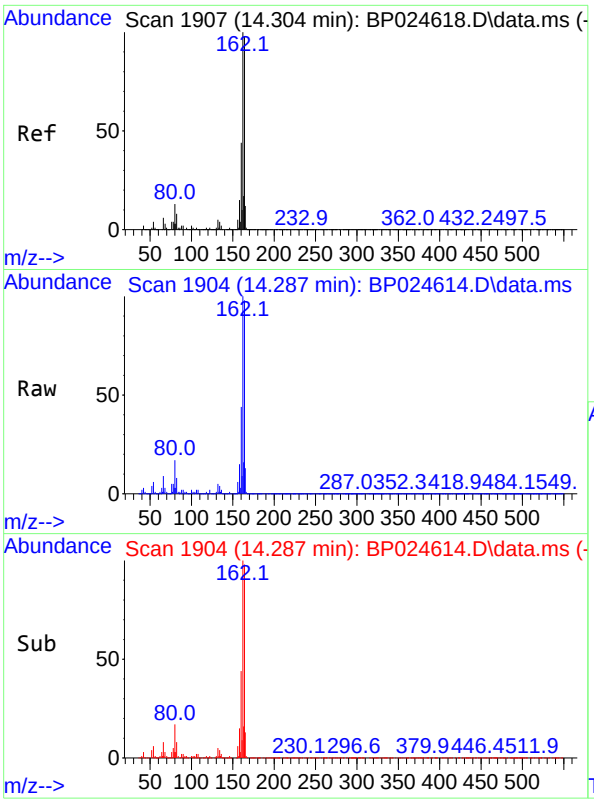
#23
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 8.81 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	46.2
54	48.4



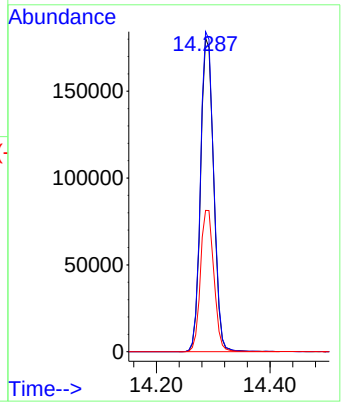


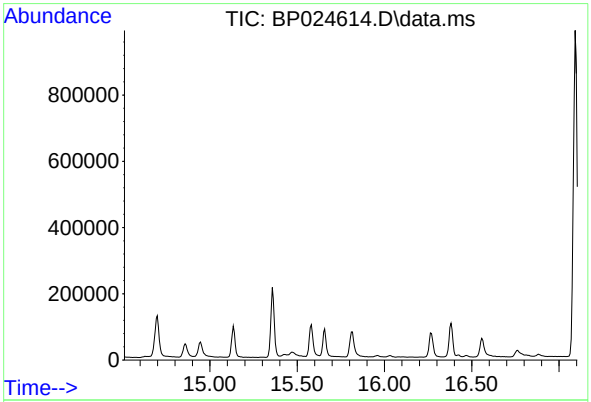
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.287 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

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



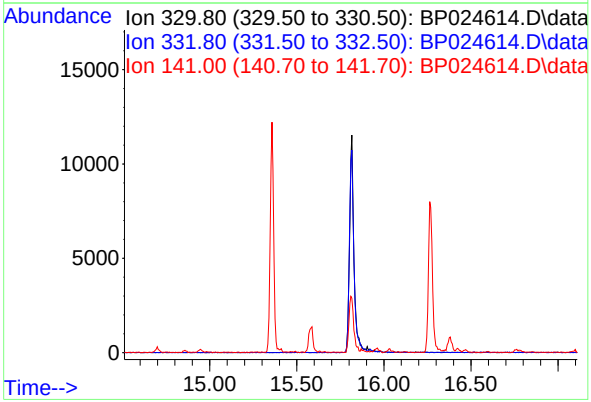


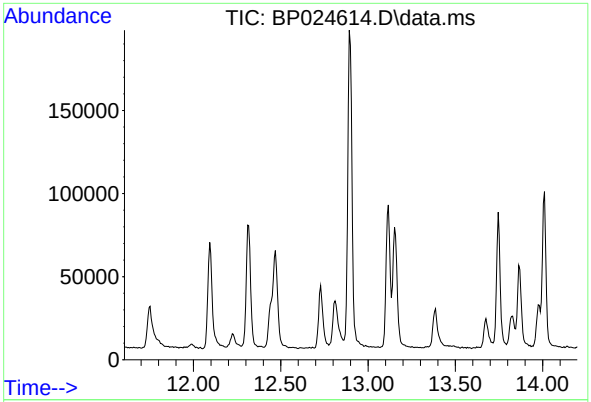
#42
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 15.81 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.8
141	30.4





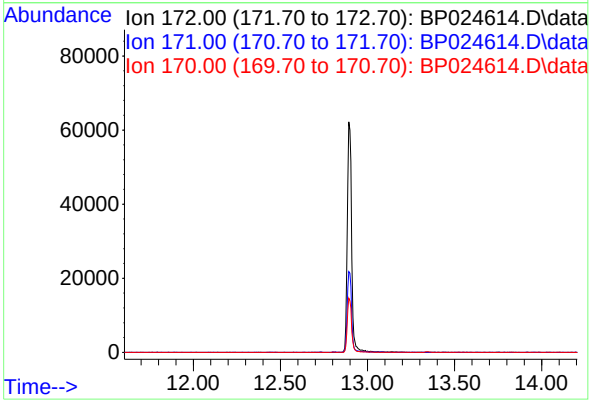
#45
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 12.90 min

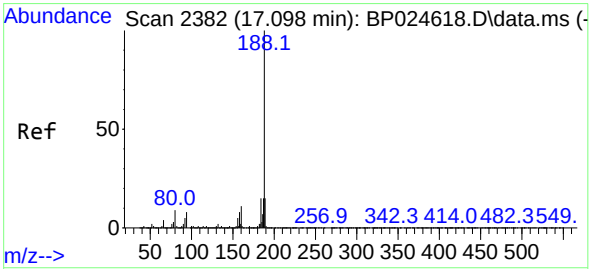
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	36.0
170	23.5

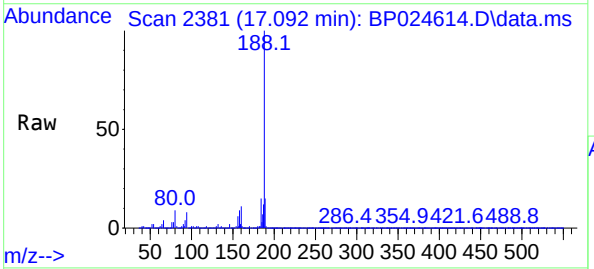


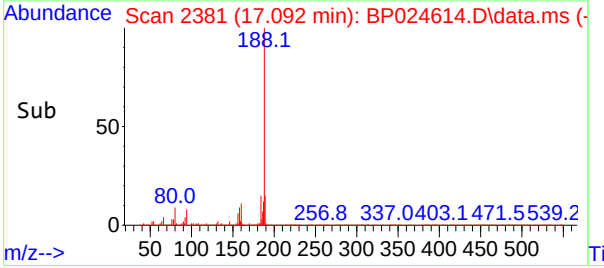


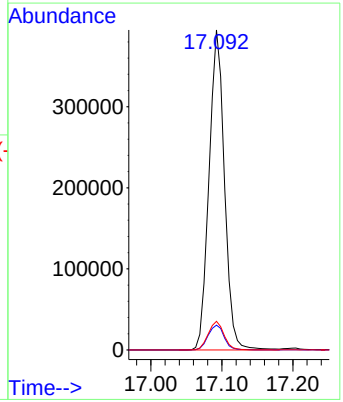
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

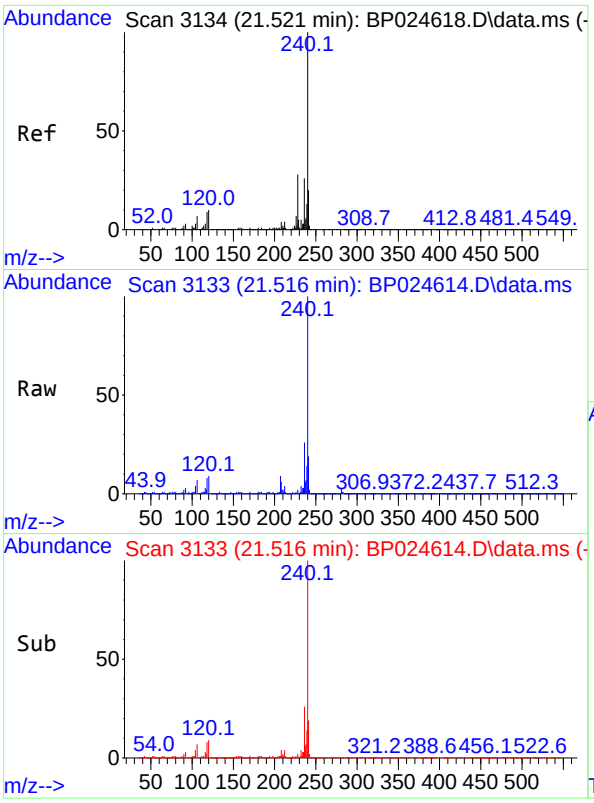
Tgt Ion:188 Resp: 596044

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.5	9.7
80	8.9	7.3	10.9







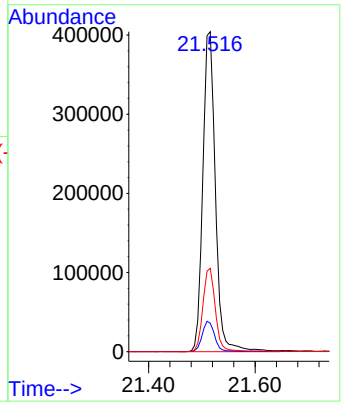


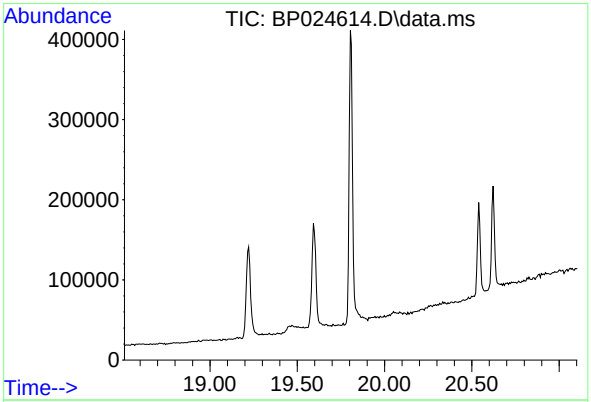
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

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



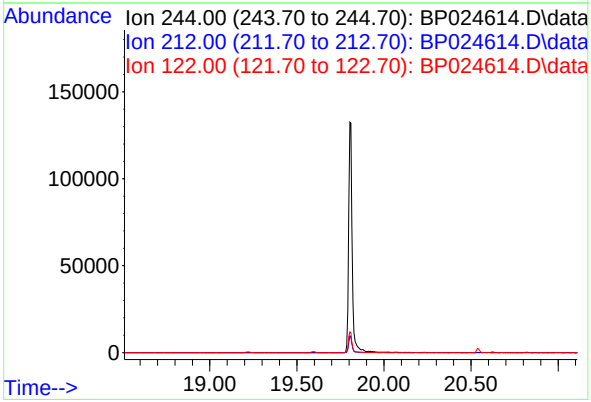


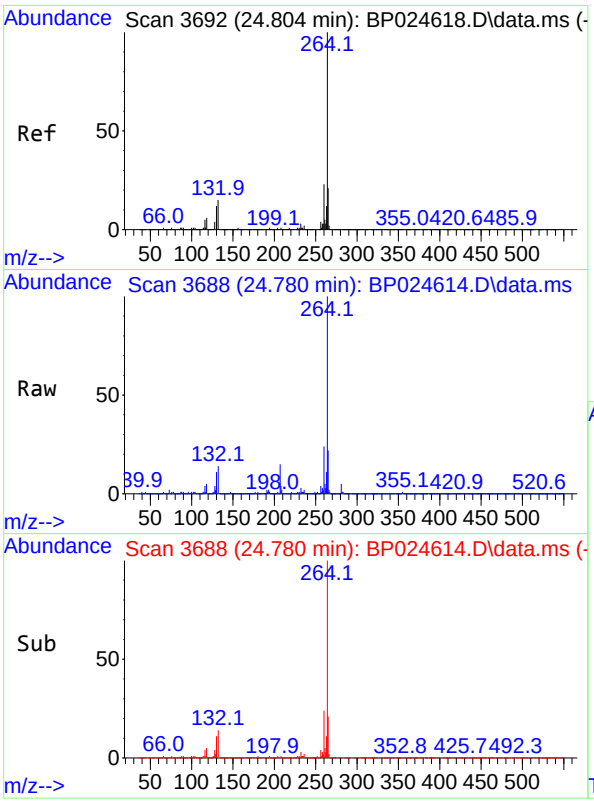
#79
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 19.81 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.9
122	9.2



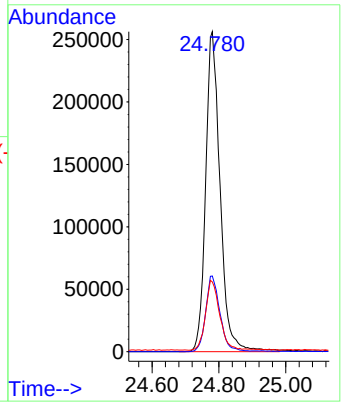


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.780 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

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

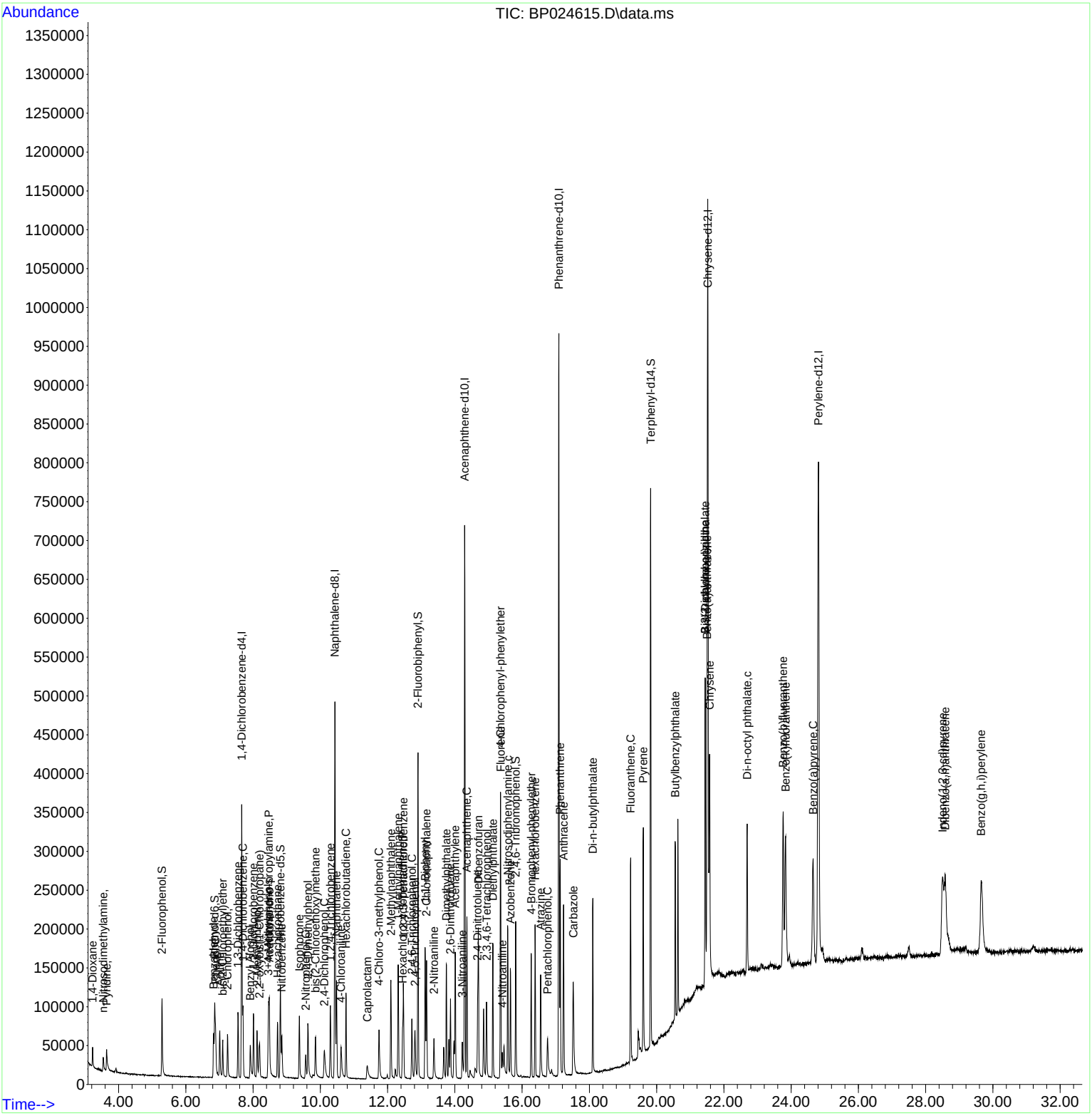
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.116	154	96956	5.15	ng		98
47) 2-Chloronaphthalene	13.157	162	72977	5.09	ng		99
48) 2-Nitroaniline	13.381	65	17778	4.19	ng		98
49) Acenaphthylene	14.010	152	117448	4.89	ng		99
50) Dimethylphthalate	13.751	163	99940	5.15	ng		100
51) 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

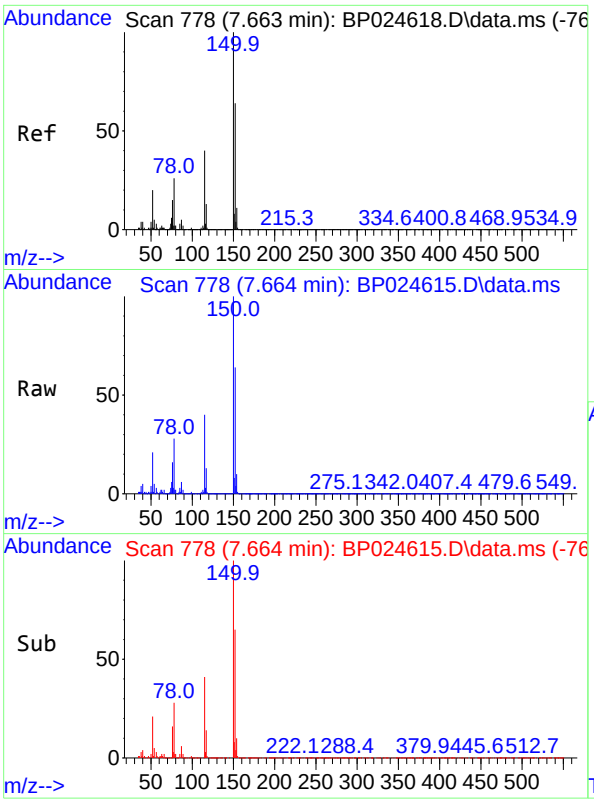
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



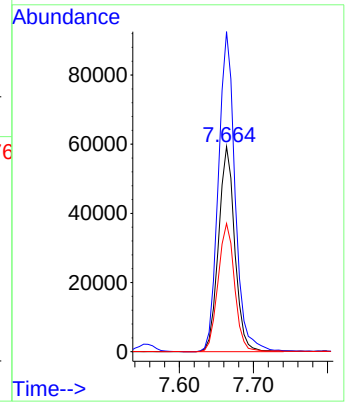


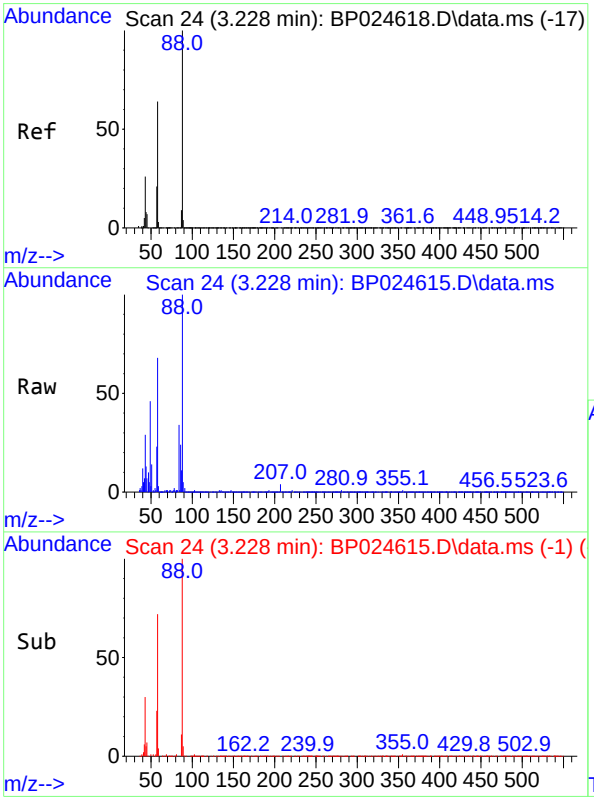
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.664 min Scan# 7
Delta R.T. 0.001 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

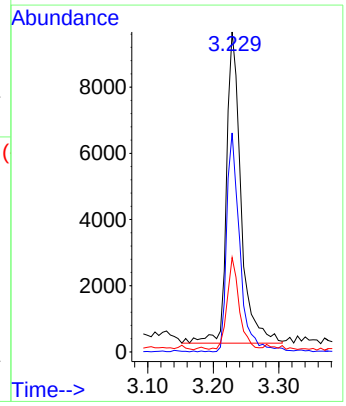


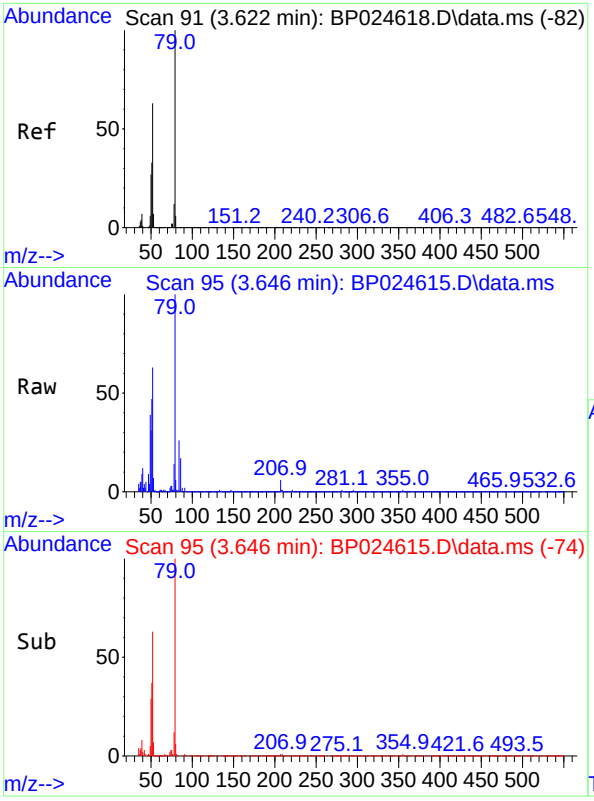


#2
1,4-Dioxane
Concen: 5.84 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



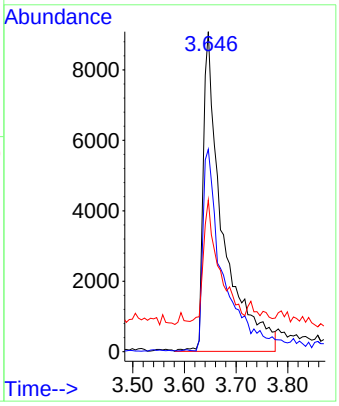


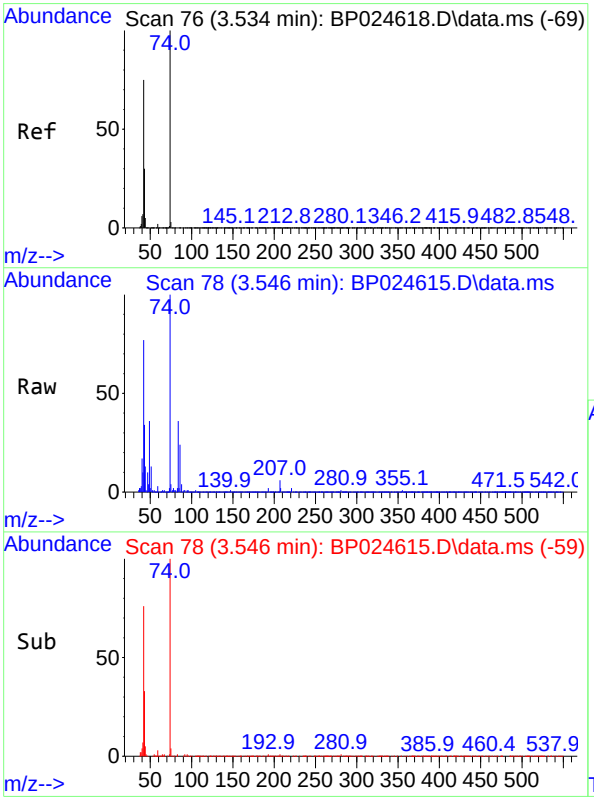
#3
Pyridine
Concen: 4.33 ng
RT: 3.646 min Scan# 9
Delta R.T. 0.024 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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#

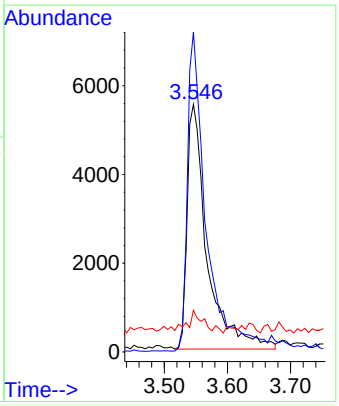


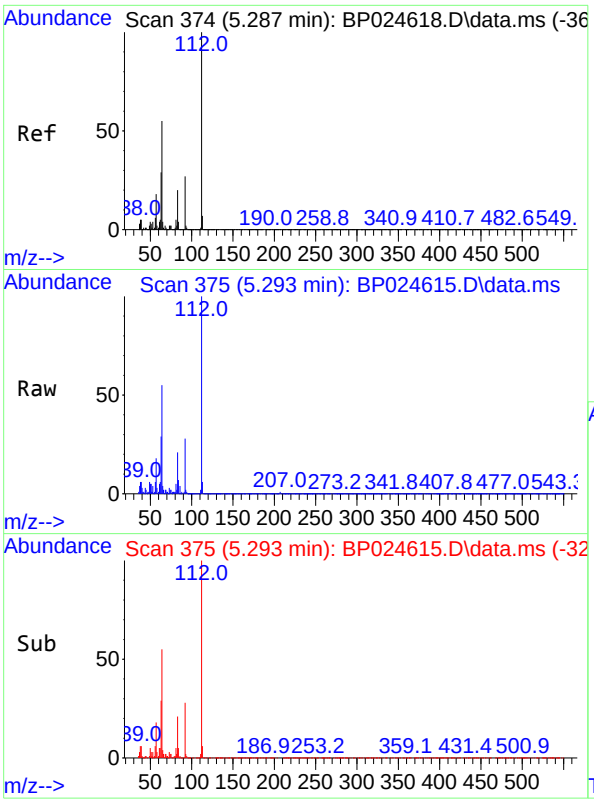


#4
n-Nitrosodimethylamine
Concen: 4.99 ng
RT: 3.546 min Scan# 78
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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#



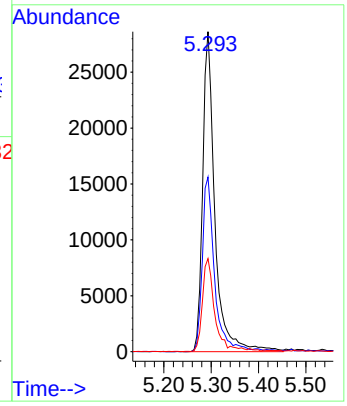


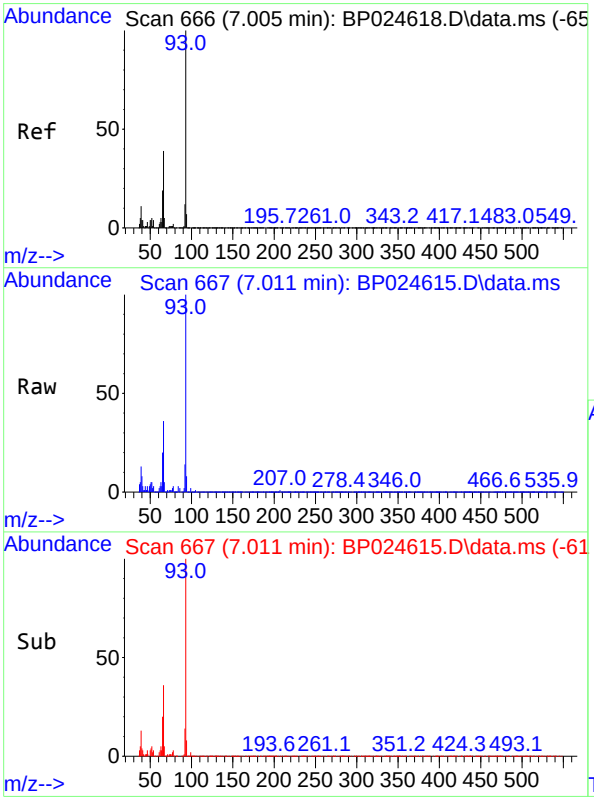
#5
2-Fluorophenol
Concen: 9.70 ng
RT: 5.293 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

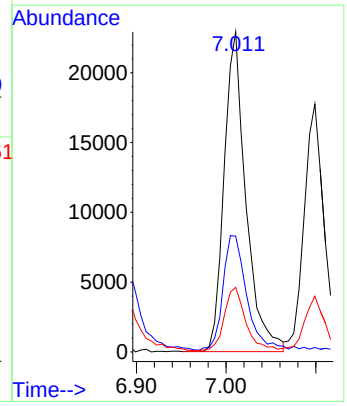


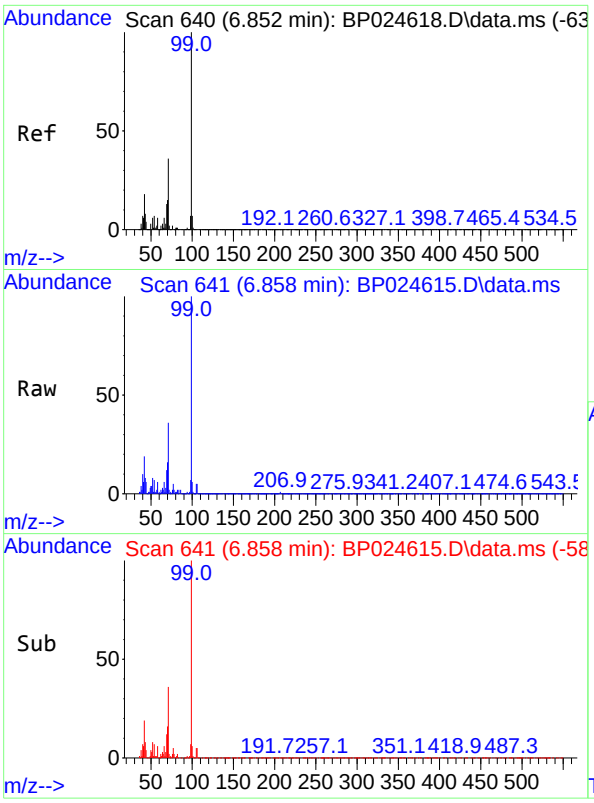


#6
Aniline
Concen: 4.45 ng
RT: 7.011 min Scan# 667
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



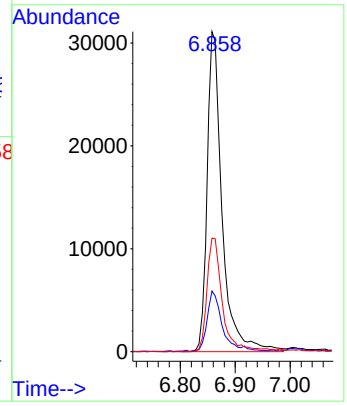


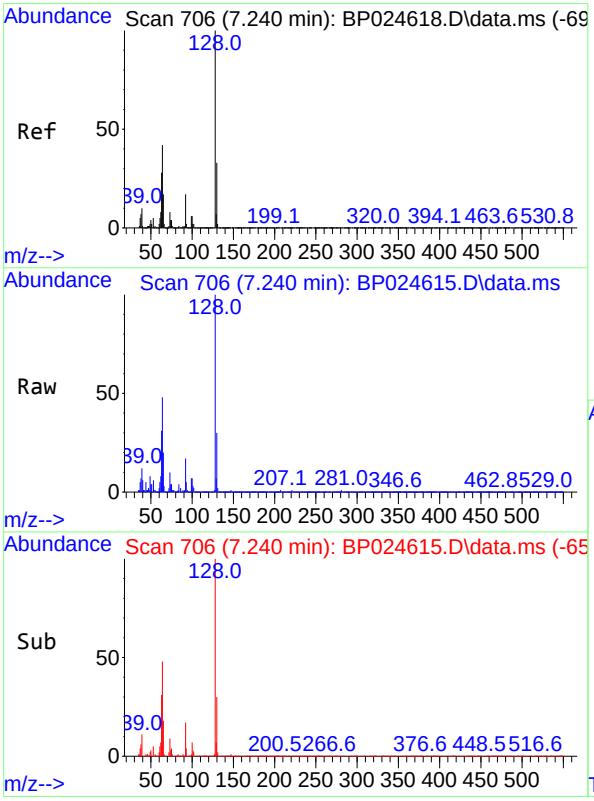
#7
Phenol-d6
Concen: 8.72 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

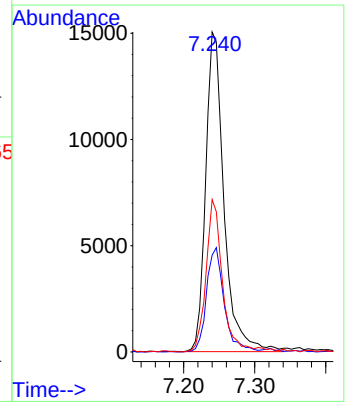


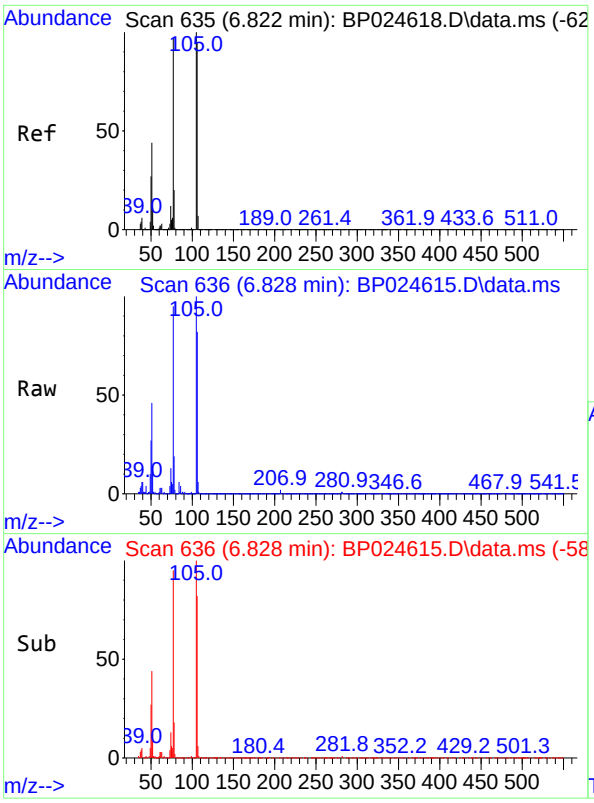


#8
2-Chlorophenol
Concen: 4.52 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



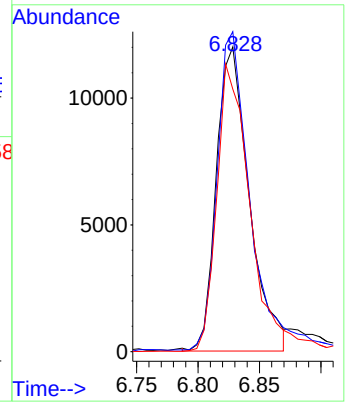


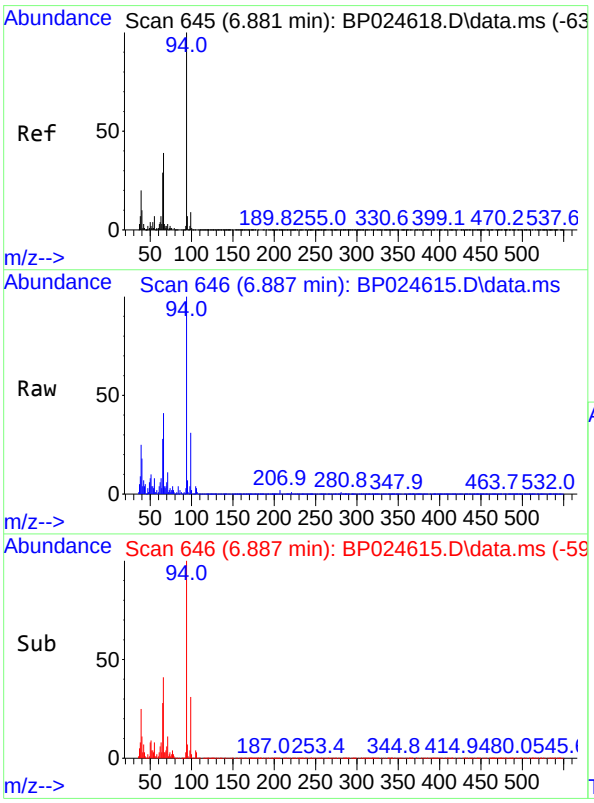
#9
Benzaldehyde
Concen: 5.14 ng m
RT: 6.828 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

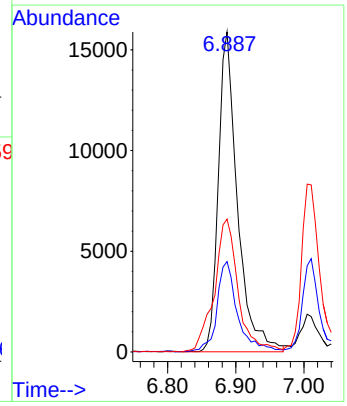


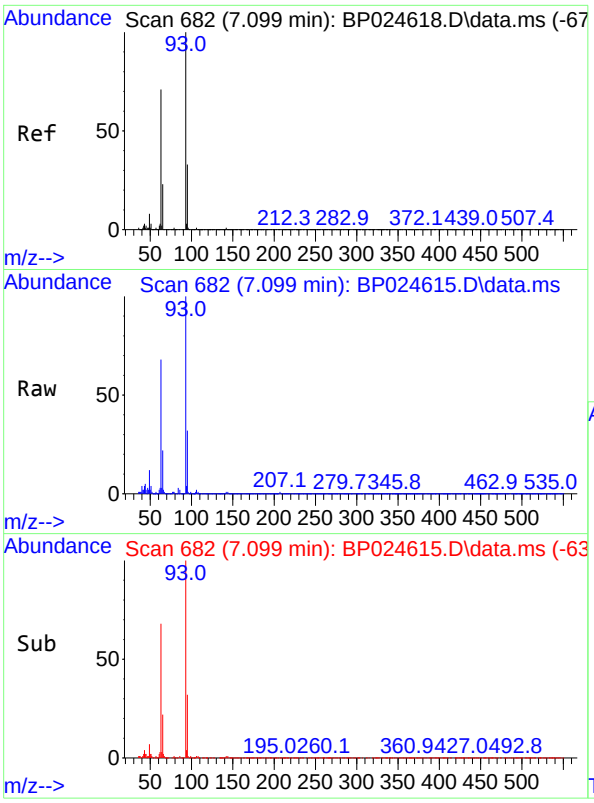


#10
Phenol
Concen: 4.46 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



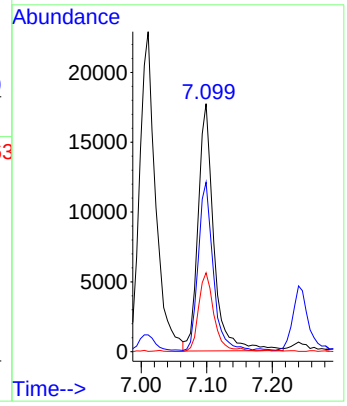


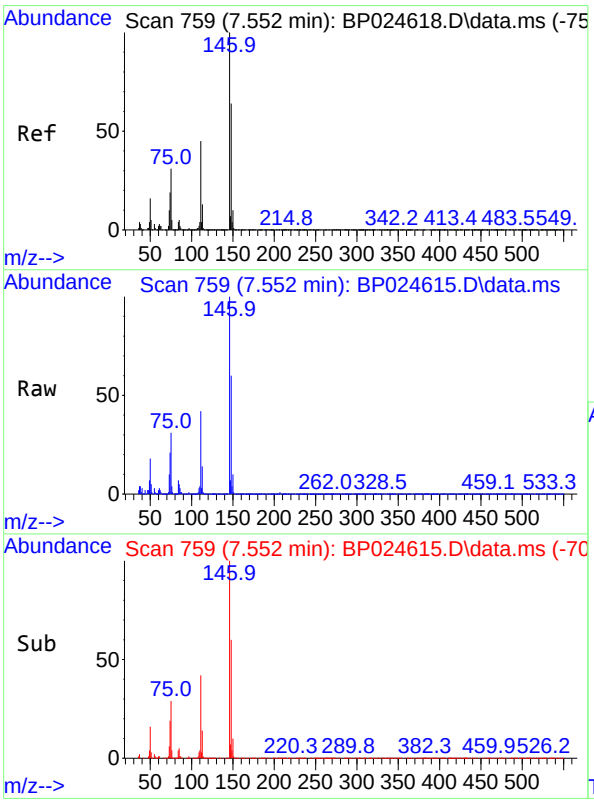
#11
bis(2-Chloroethyl)ether
Concen: 5.20 ng
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

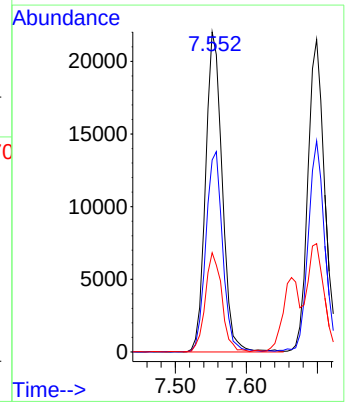


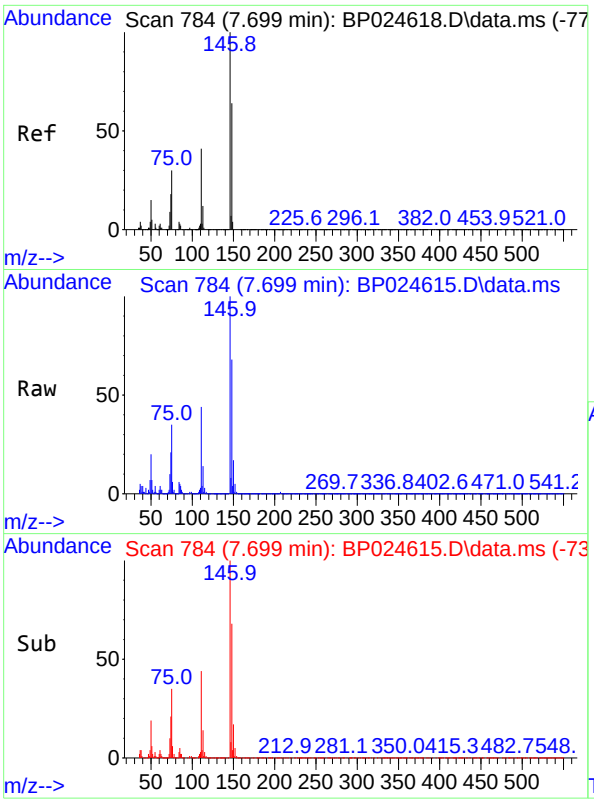


#12
1,3-Dichlorobenzene
Concen: 5.23 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



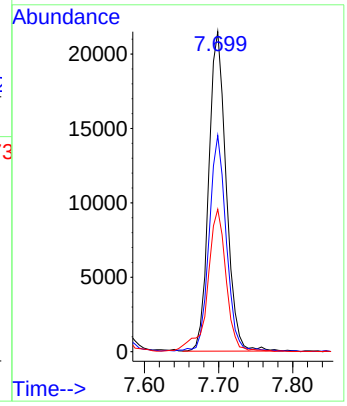


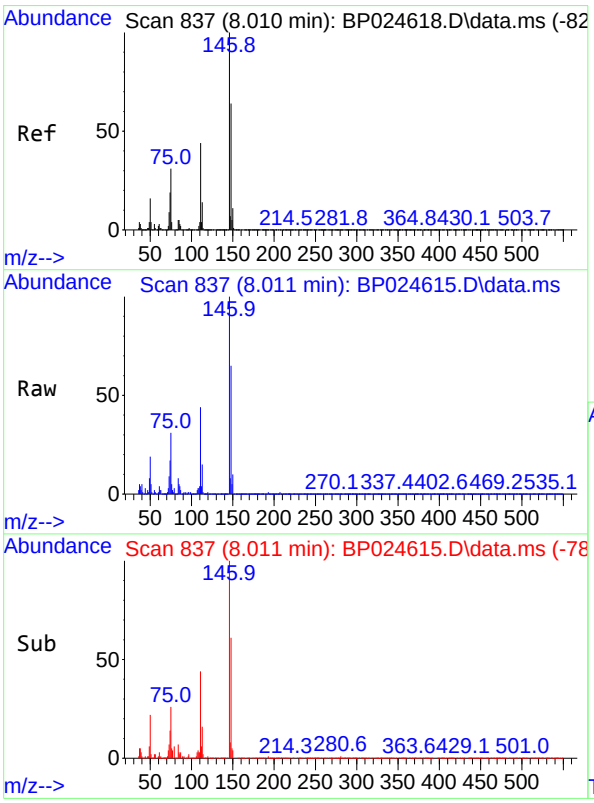
#13
1,4-Dichlorobenzene
Concen: 5.07 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

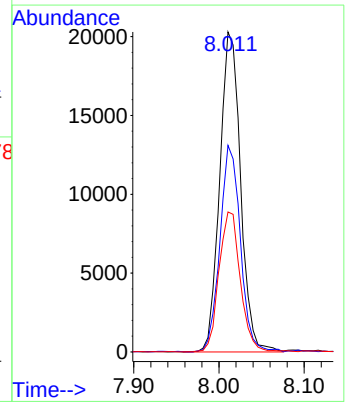


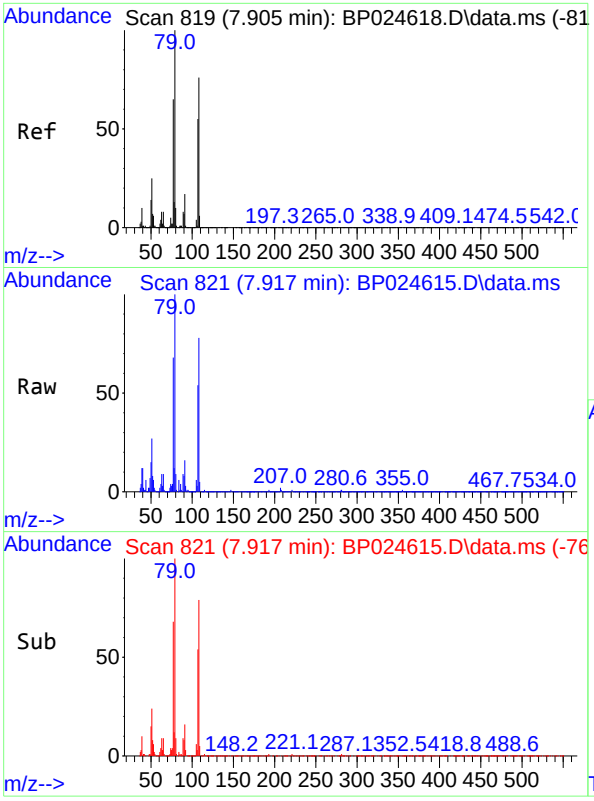


#14
1,2-Dichlorobenzene
Concen: 5.11 ng
RT: 8.011 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



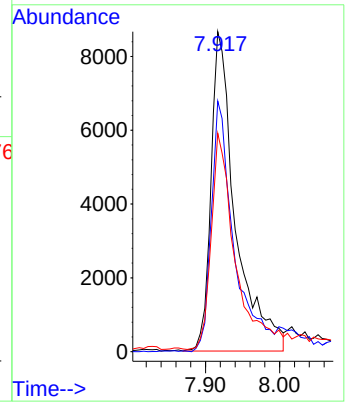


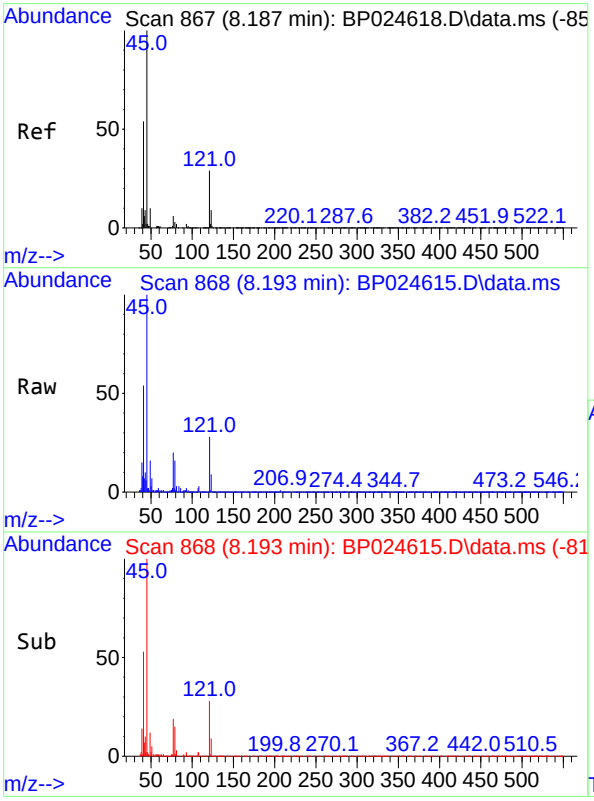
#15
Benzyl Alcohol
Concen: 3.89 ng
RT: 7.917 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

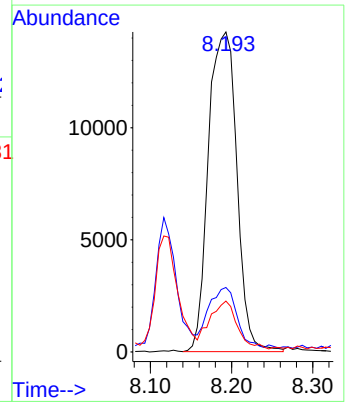


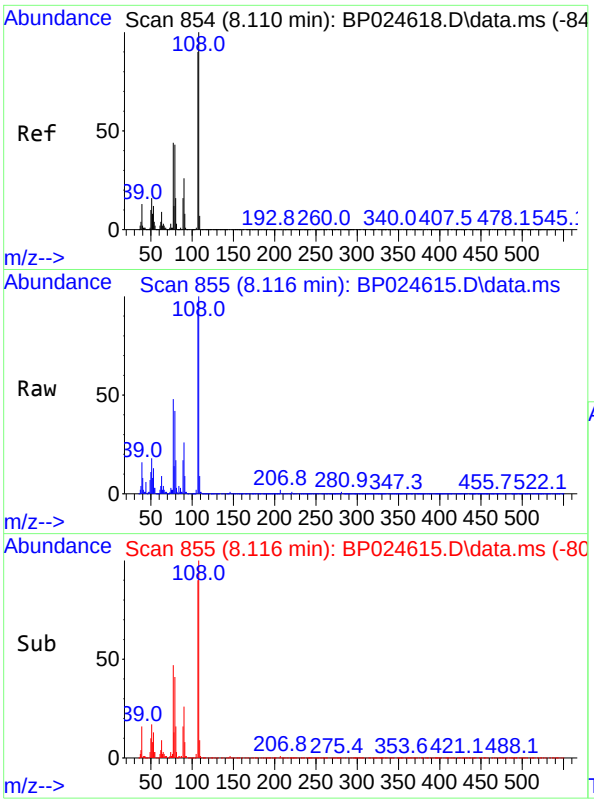


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.09 ng
RT: 8.193 min Scan# 868
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



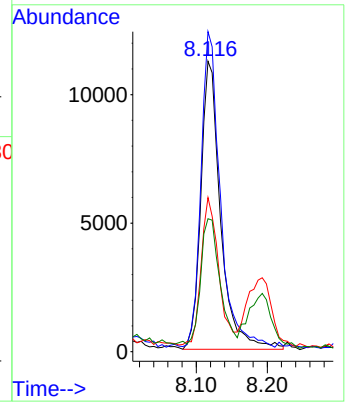


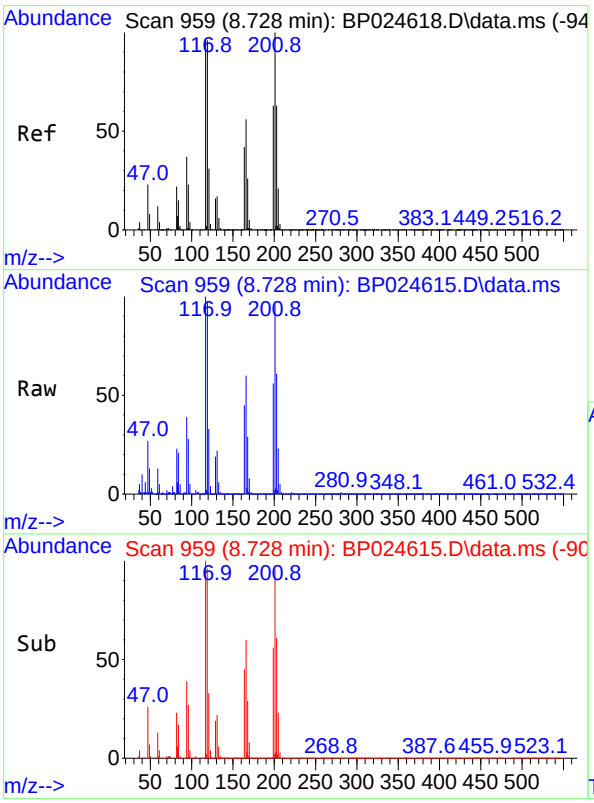
#17
2-Methylphenol
Concen: 4.37 ng
RT: 8.116 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

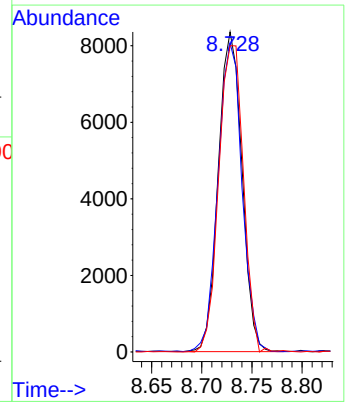


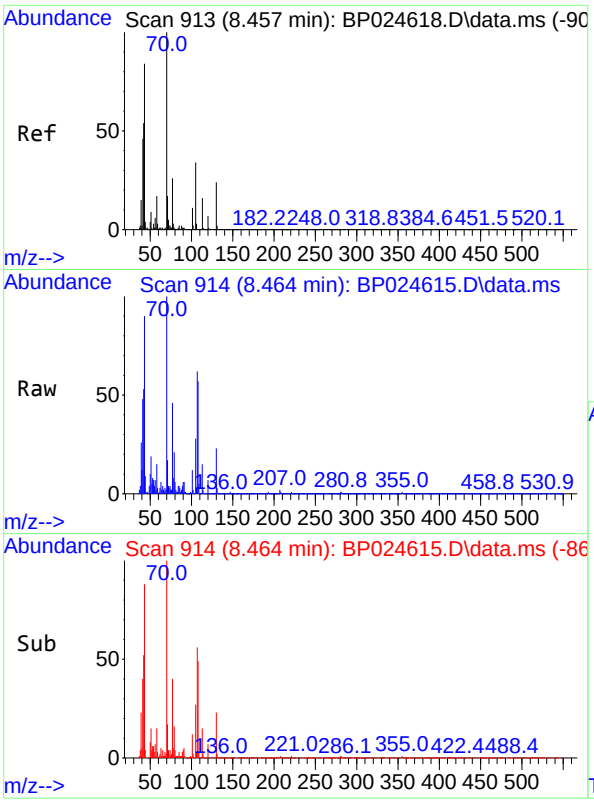


#18
Hexachloroethane
Concen: 5.15 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



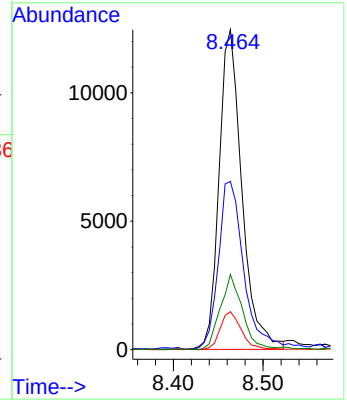


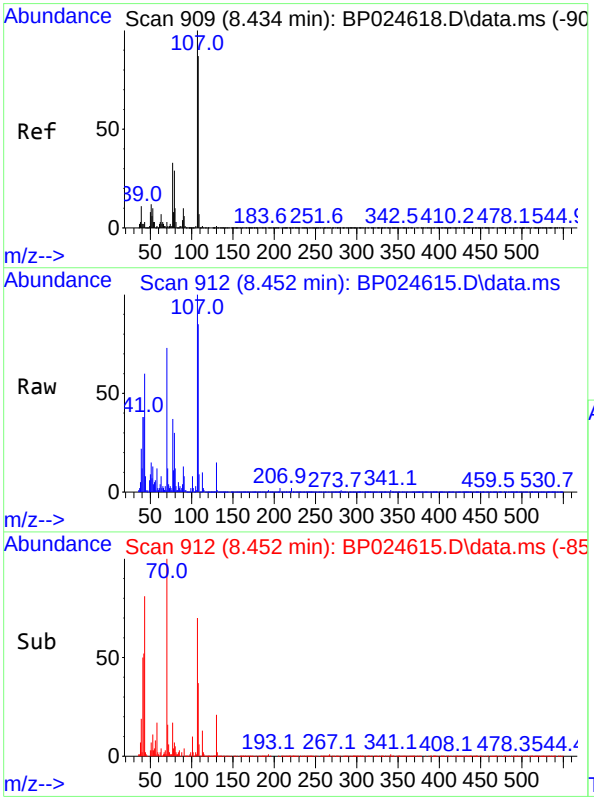
#19
n-Nitroso-di-n-propylamine
Concen: 4.73 ng
RT: 8.464 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

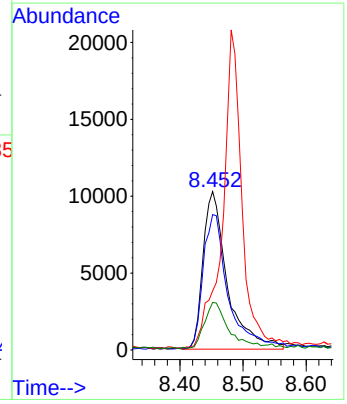


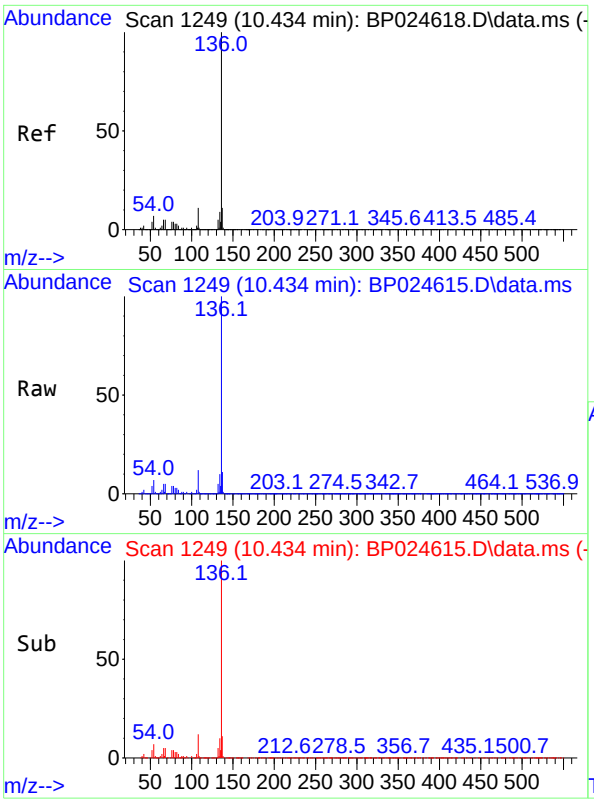


#20
3+4-Methylphenols
Concen: 4.06 ng
RT: 8.452 min Scan# 912
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



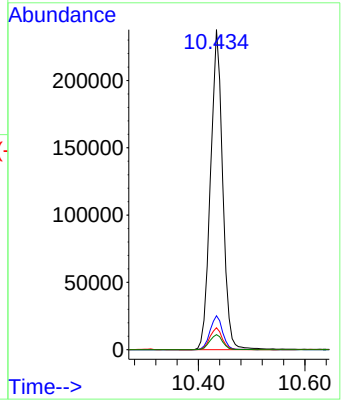


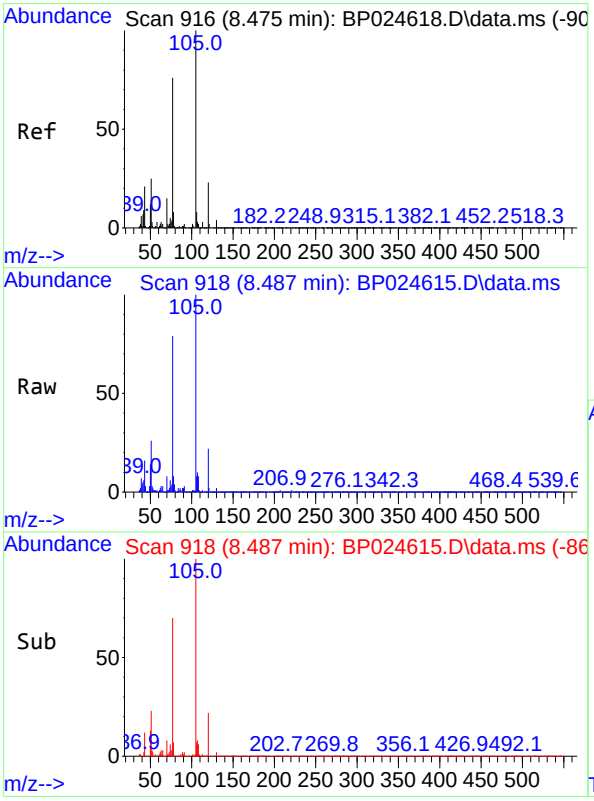
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

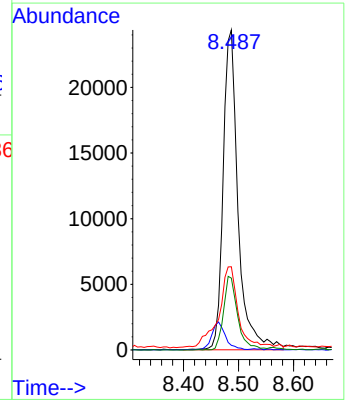


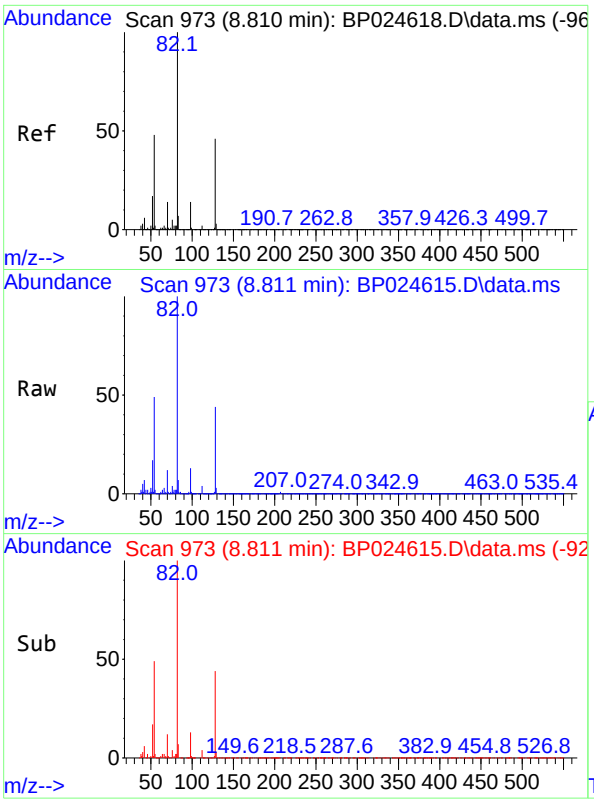


#22
Acetophenone
Concen: 4.87 ng
RT: 8.487 min Scan# 918
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



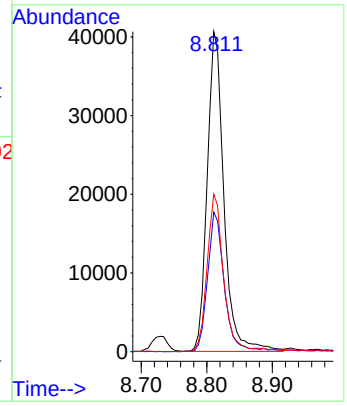


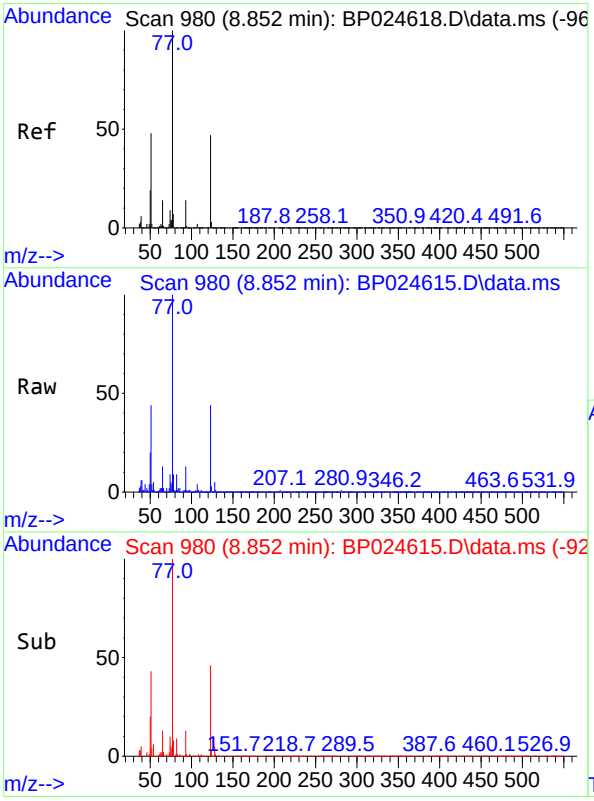
#23
Nitrobenzene-d5
Concen: 9.63 ng
RT: 8.811 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

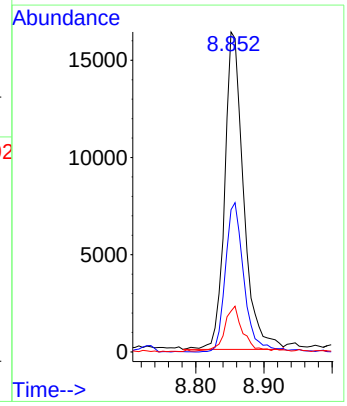


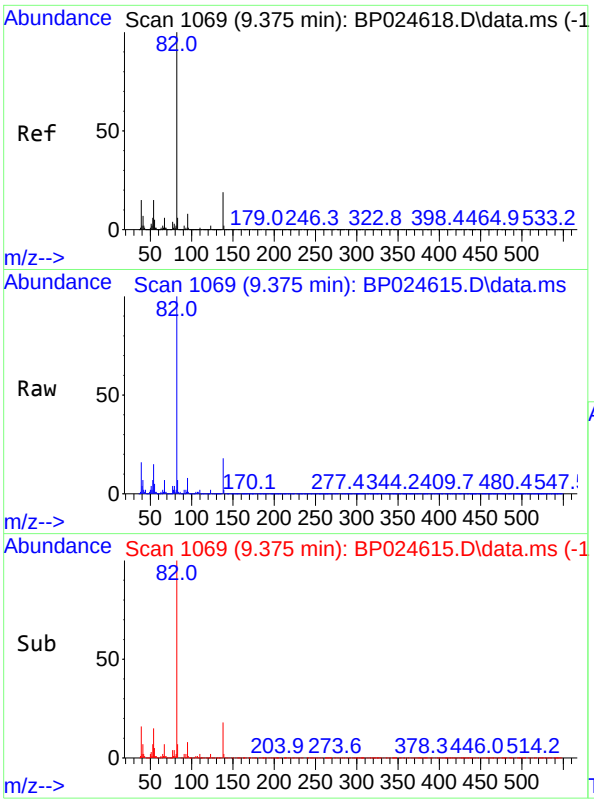


#24
Nitrobenzene
Concen: 4.78 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



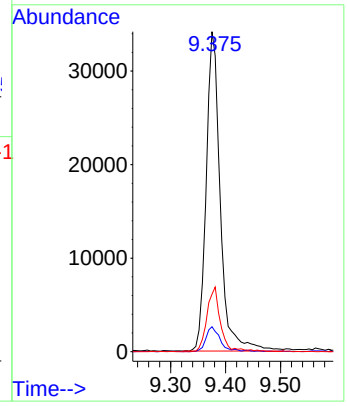


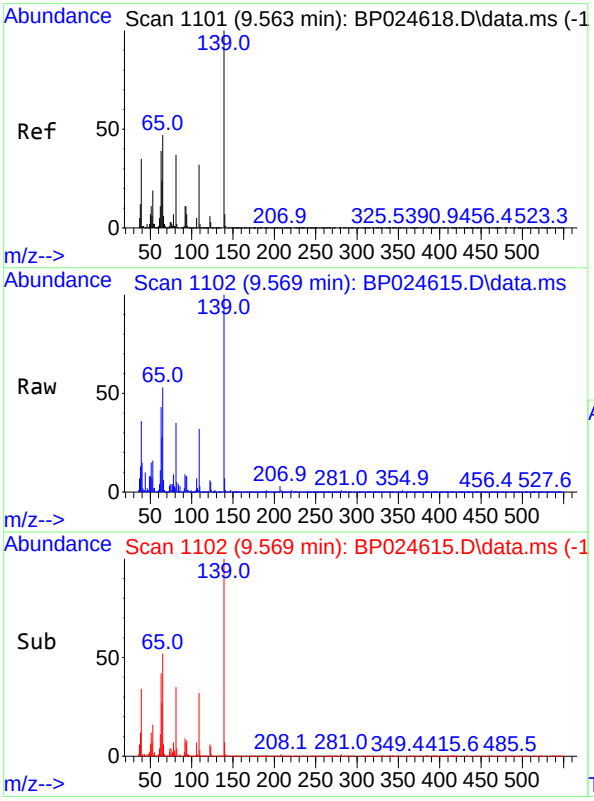
#25
Isophorone
Concen: 4.69 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

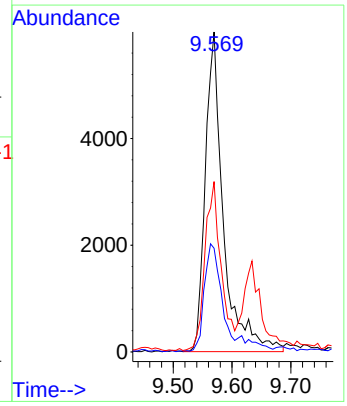


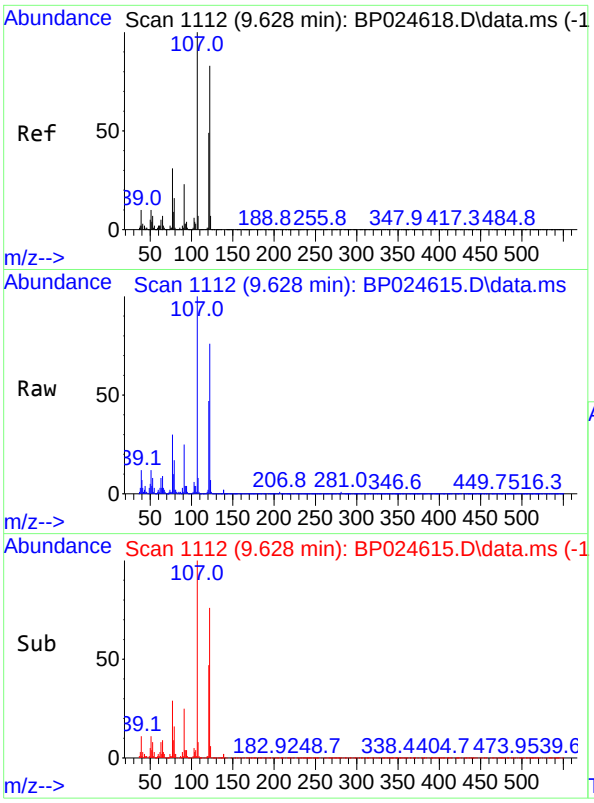


#26
2-Nitrophenol
Concen: 3.96 ng
RT: 9.569 min Scan# 1102
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



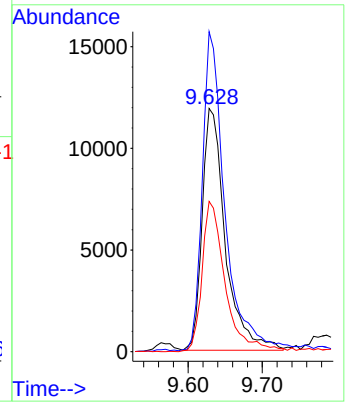


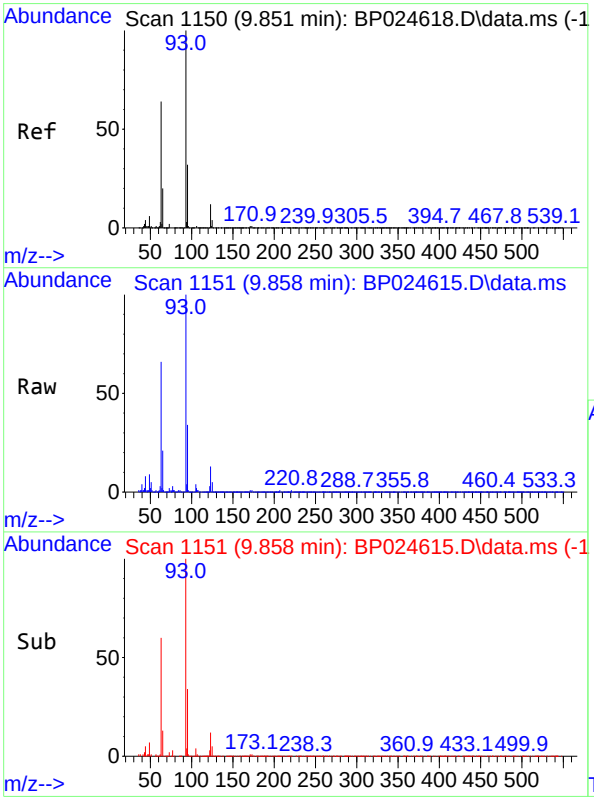
#27
2,4-Dimethylphenol
Concen: 4.54 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

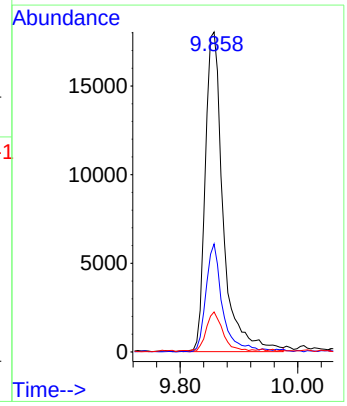


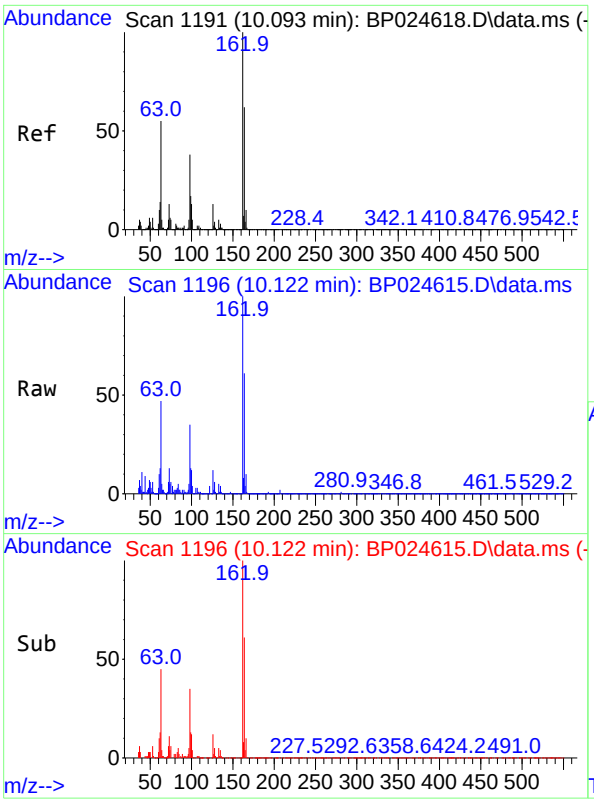


#28
bis(2-Chloroethoxy)methane
Concen: 4.91 ng
RT: 9.858 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



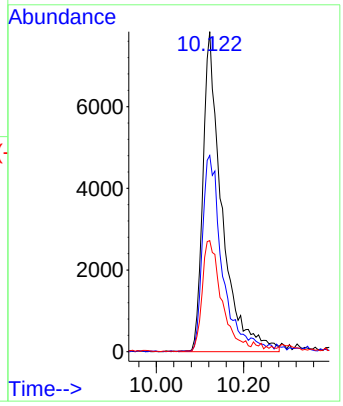


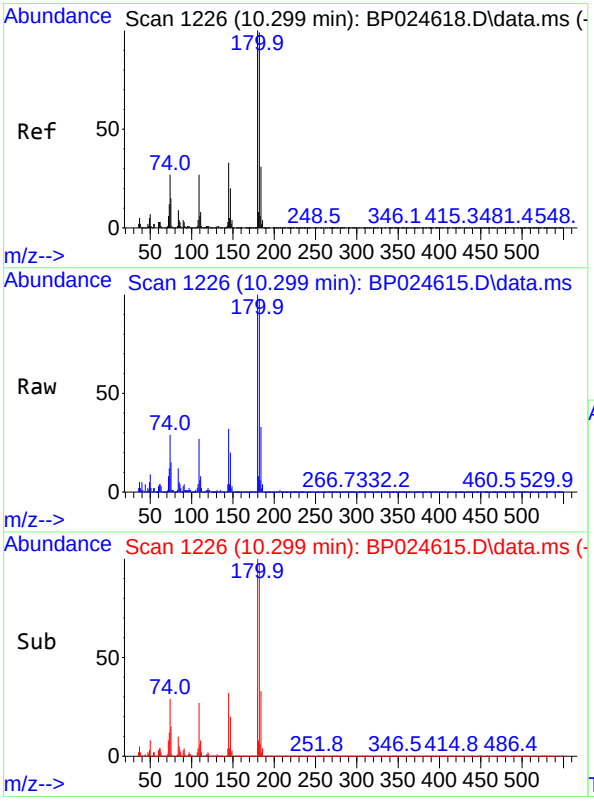
#29
2,4-Dichlorophenol
Concen: 4.29 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.030 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

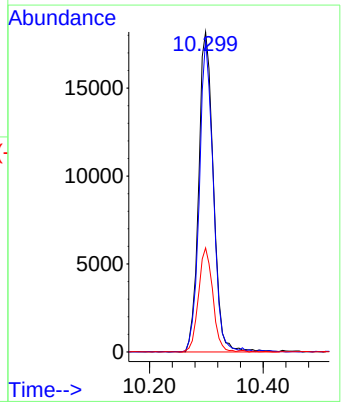


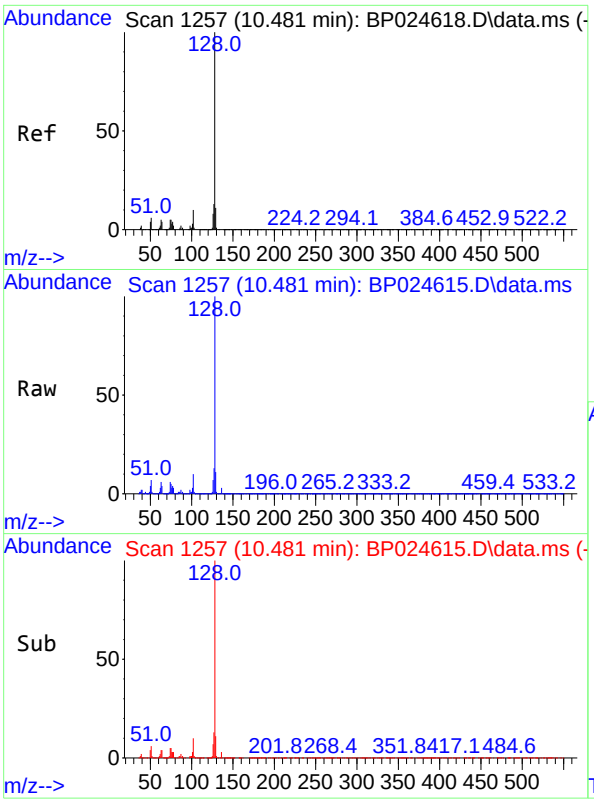


#30
1,2,4-Trichlorobenzene
Concen: 5.26 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



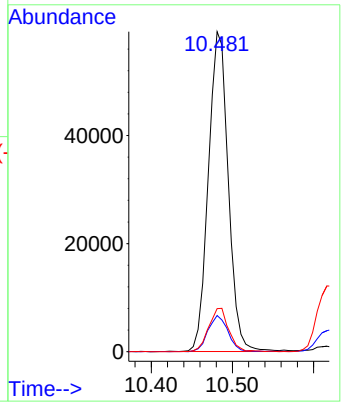


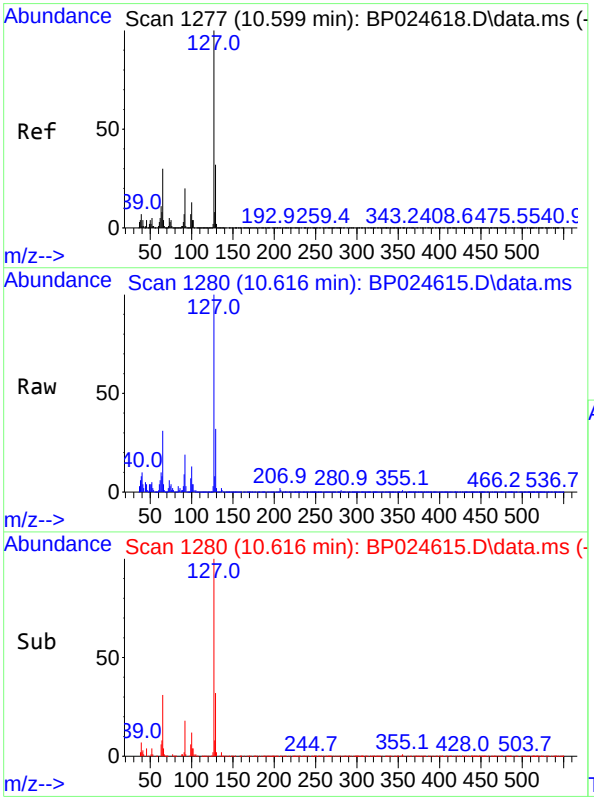
#31
Naphthalene
Concen: 5.13 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

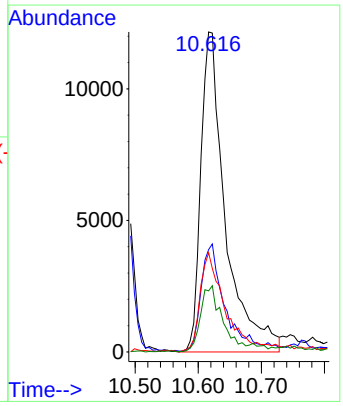


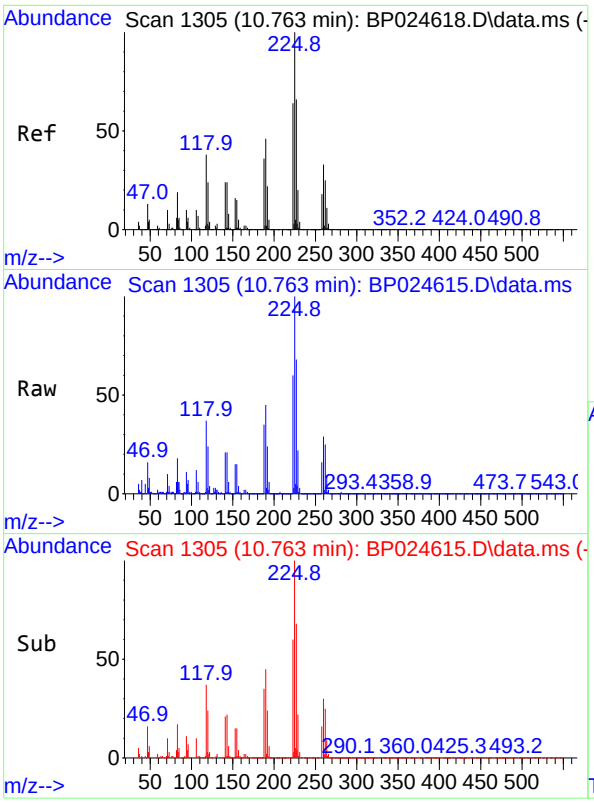


#33
4-Chloroaniline
Concen: 4.16 ng
RT: 10.616 min Scan# 1280
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



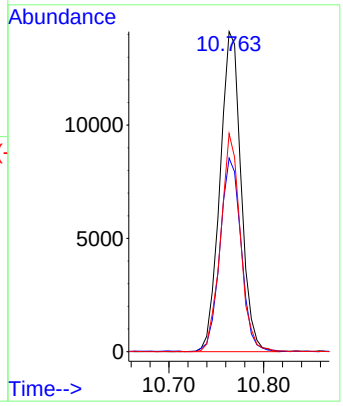


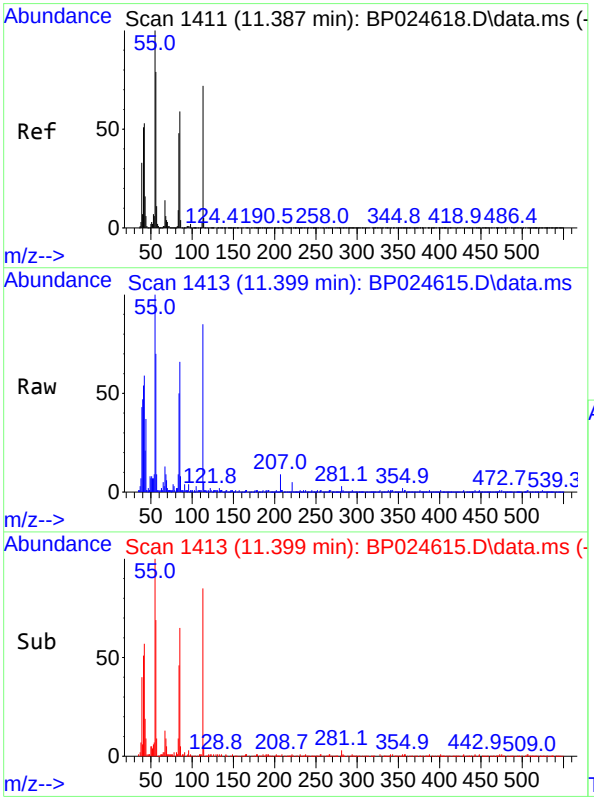
#34
Hexachlorobutadiene
Concen: 5.43 ng
RT: 10.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

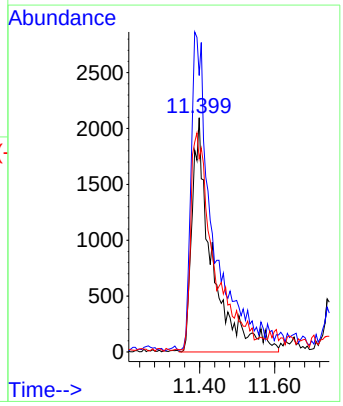


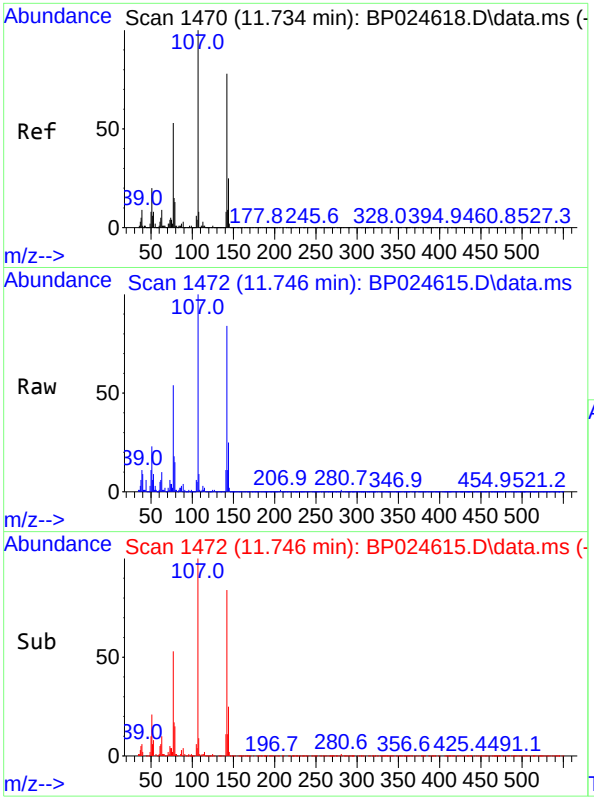


#35
Caprolactam
Concen: 3.88 ng m
RT: 11.399 min Scan# 1413
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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#



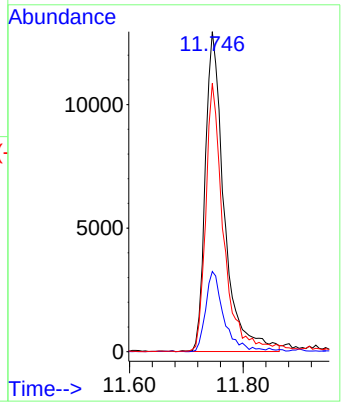


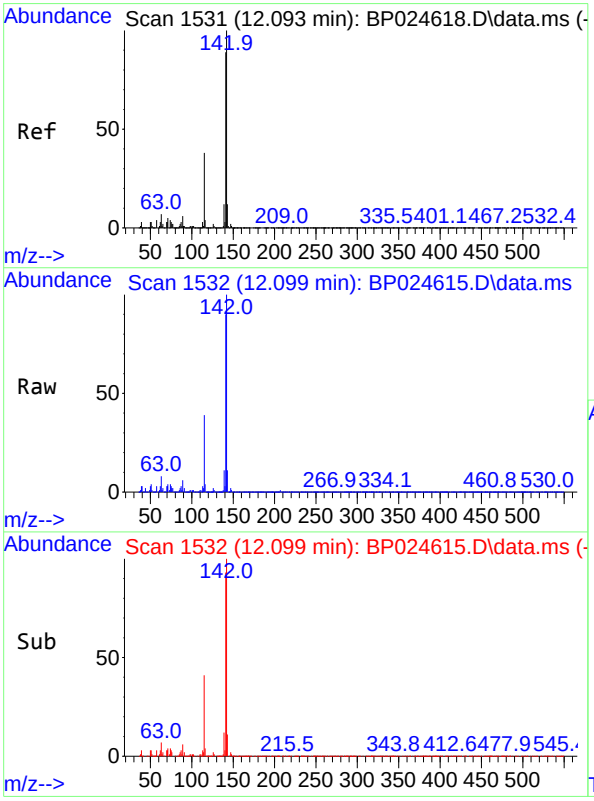
#36
4-Chloro-3-methylphenol
Concen: 4.44 ng
RT: 11.746 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

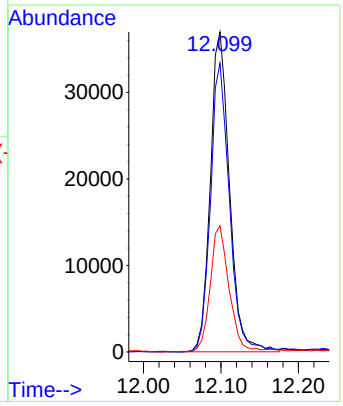


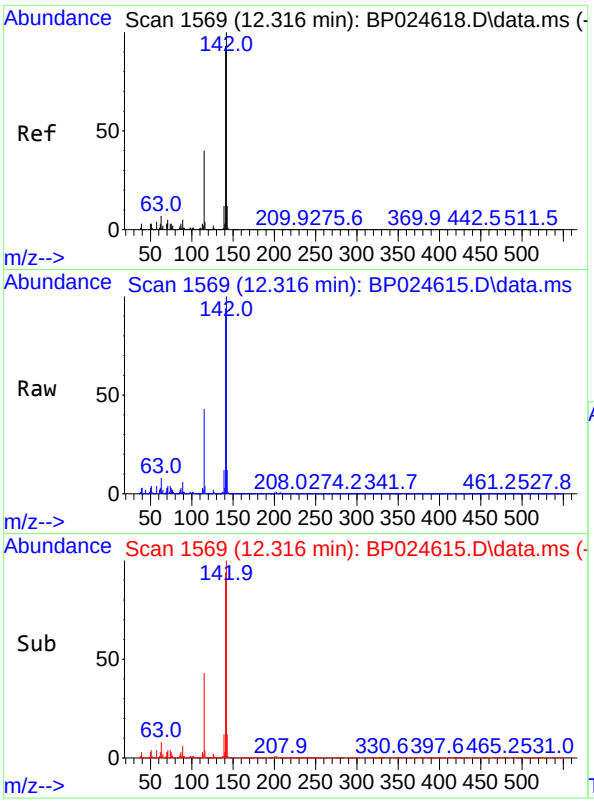


#37
2-Methylnaphthalene
Concen: 5.01 ng
RT: 12.099 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



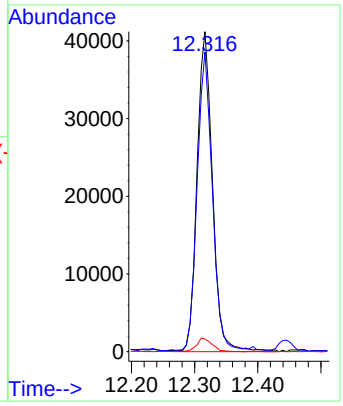


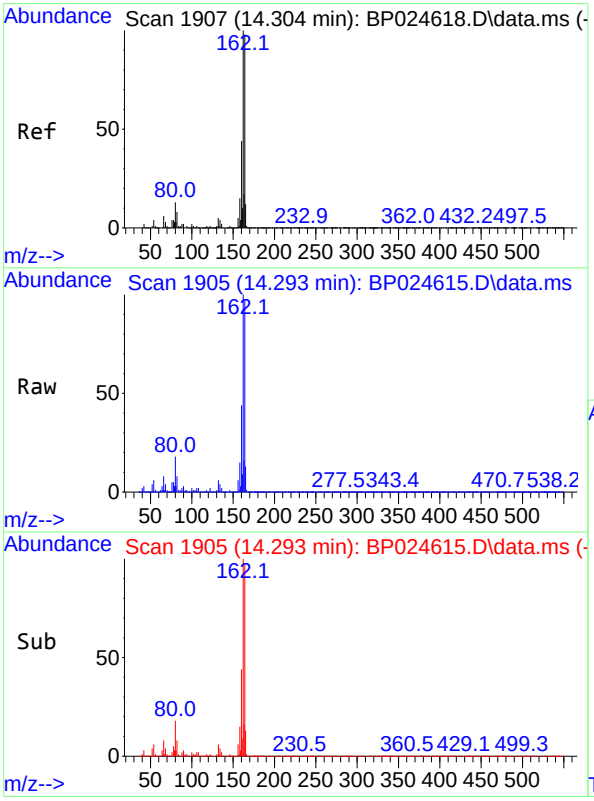
#38
1-Methylnaphthalene
Concen: 5.16 ng
RT: 12.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

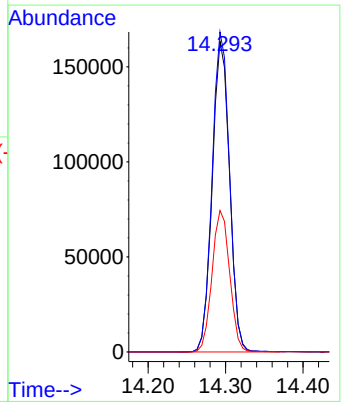


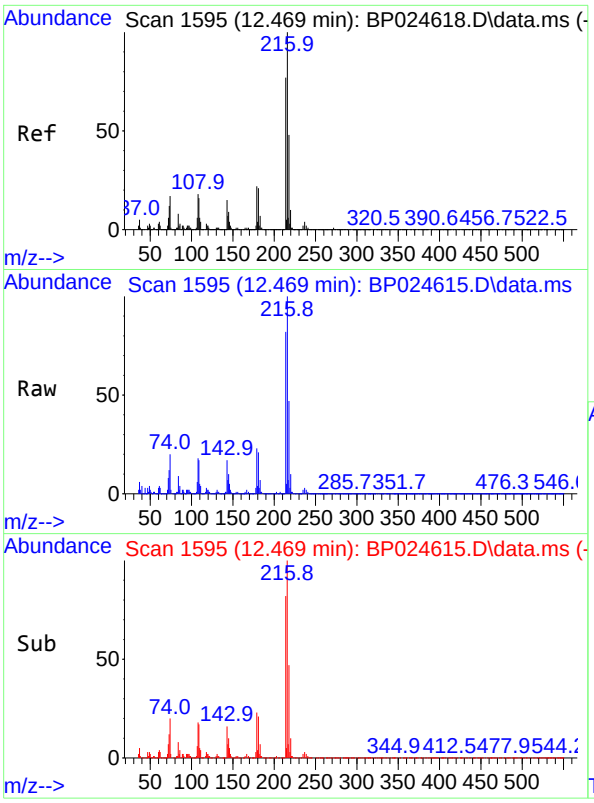


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



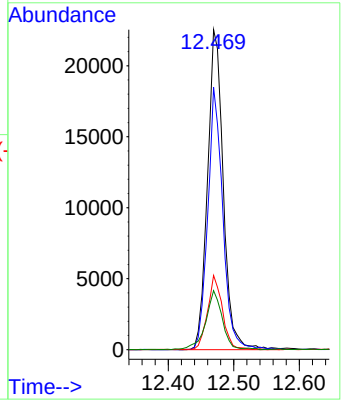


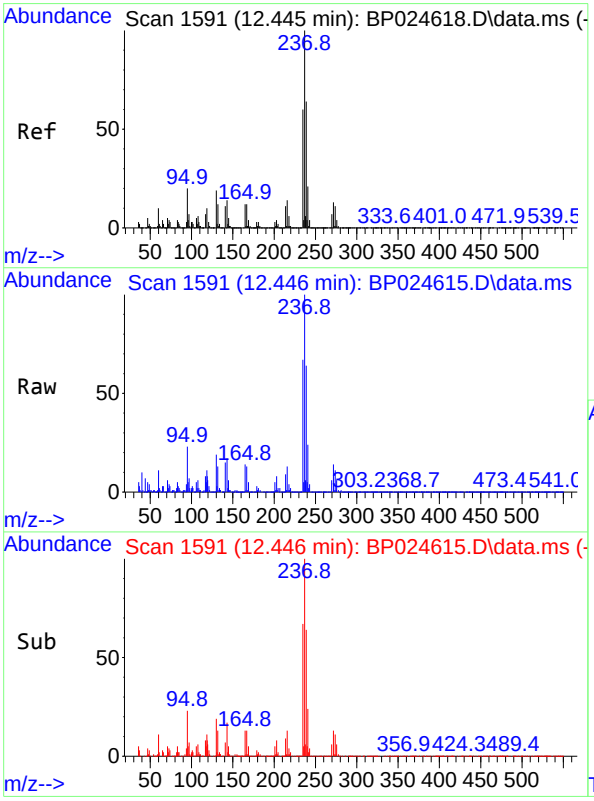
#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.11 ng
RT: 12.469 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

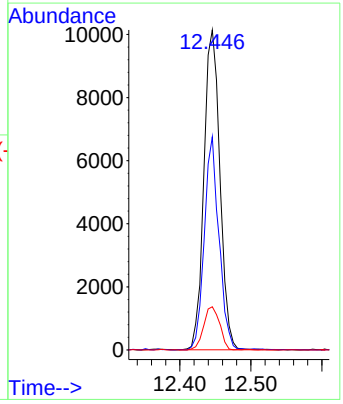


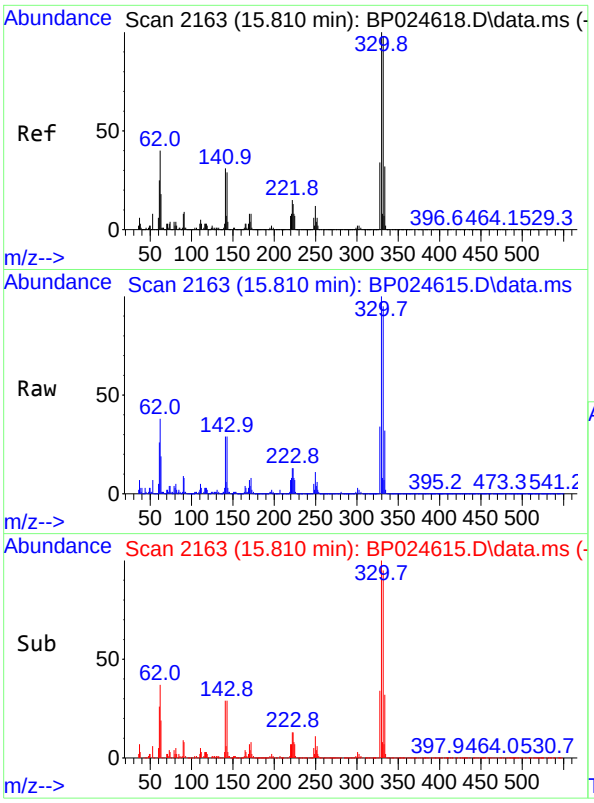


#41
Hexachlorocyclopentadiene
Concen: 3.56 ng
RT: 12.446 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



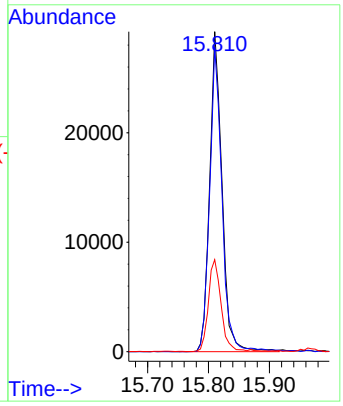


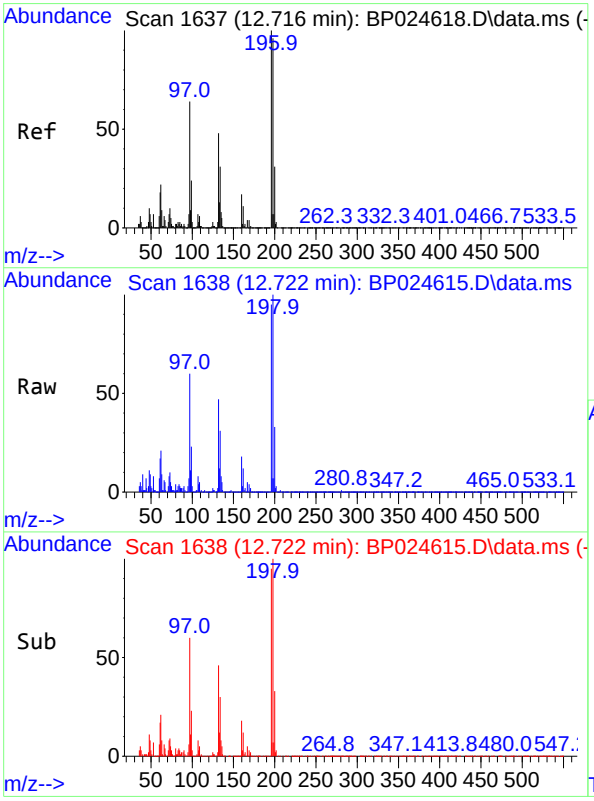
#42
2,4,6-Tribromophenol
Concen: 9.55 ng
RT: 15.810 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

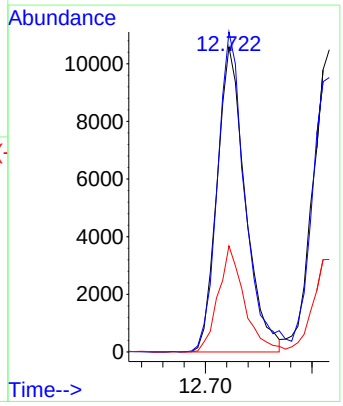


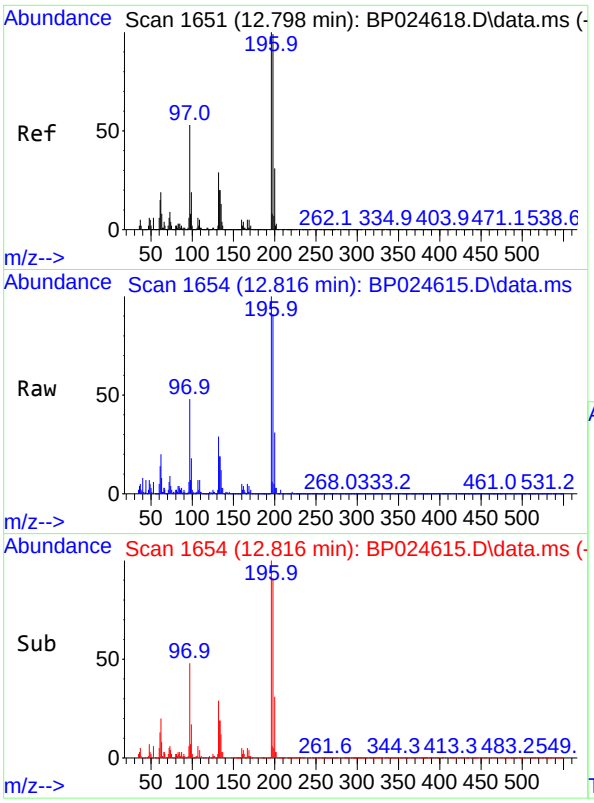


#43
2,4,6-Trichlorophenol
Concen: 4.06 ng
RT: 12.722 min Scan# 1638
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



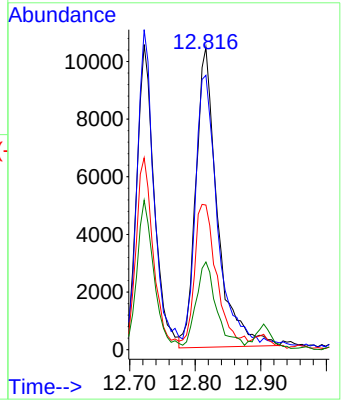


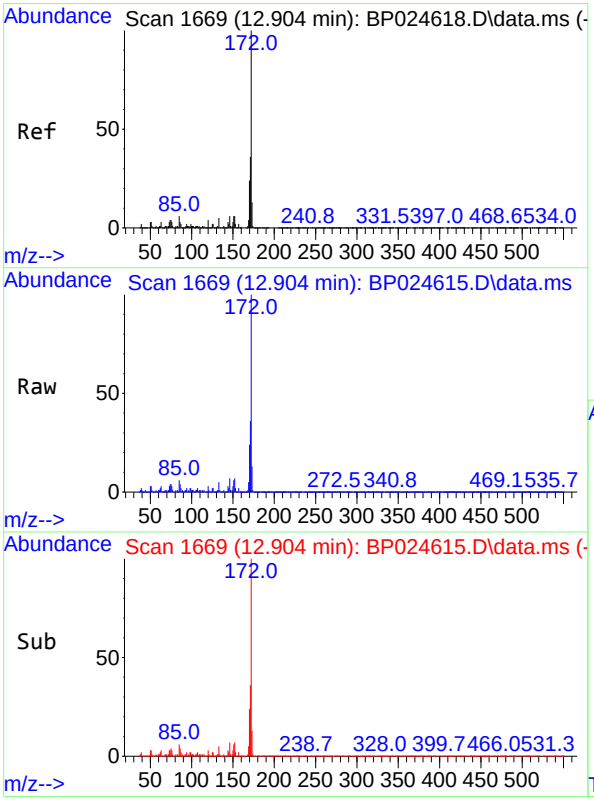
#44
2,4,5-Trichlorophenol
Concen: 4.49 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

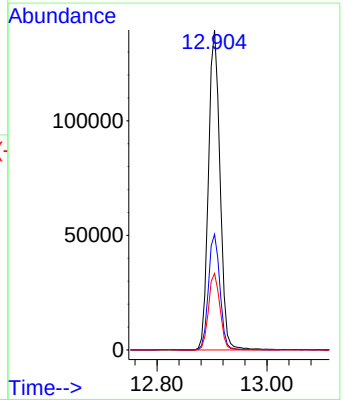


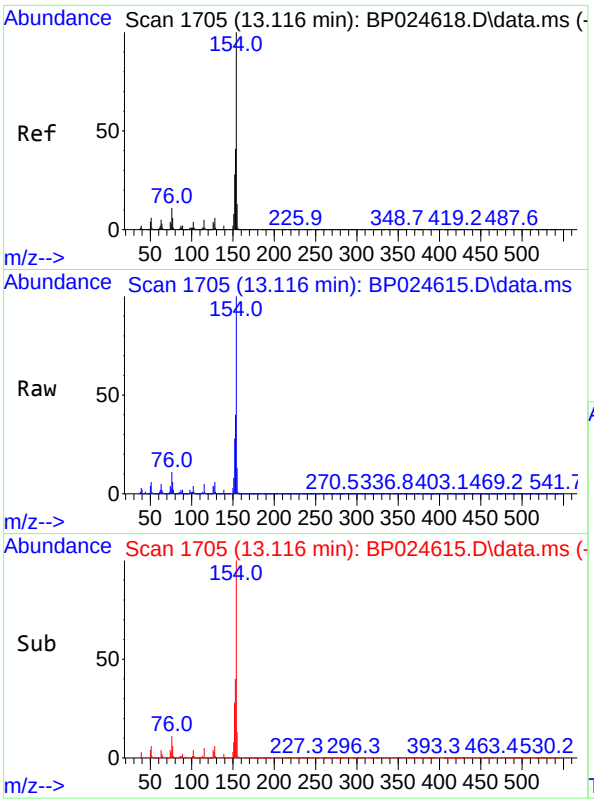


#45
2-Fluorobiphenyl
Concen: 10.48 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



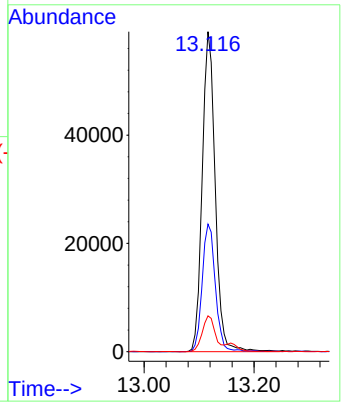


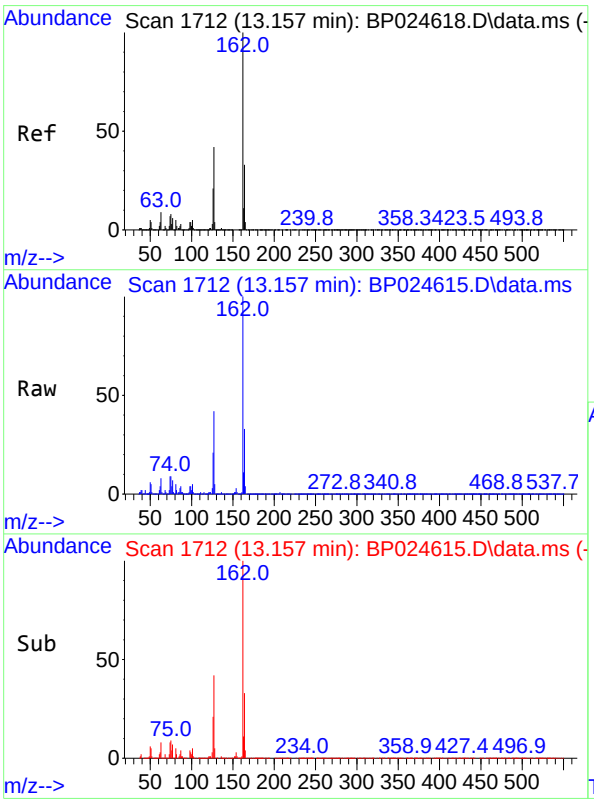
#46
1,1'-Biphenyl
Concen: 5.15 ng
RT: 13.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

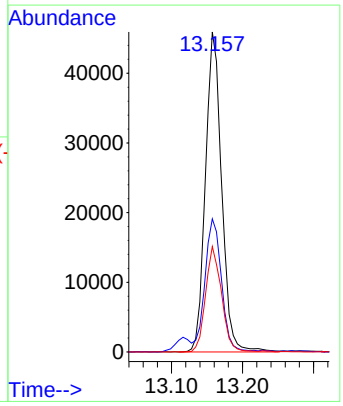


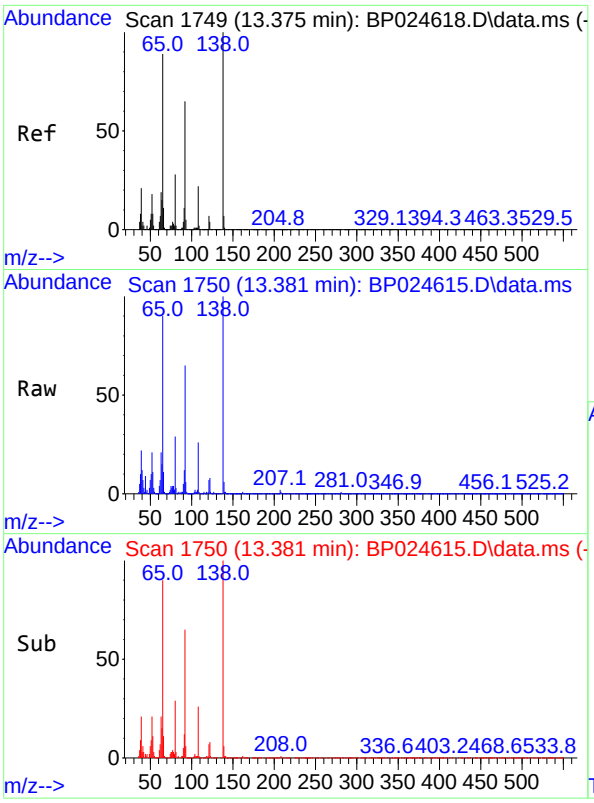


#47
2-Chloronaphthalene
Concen: 5.09 ng
RT: 13.157 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



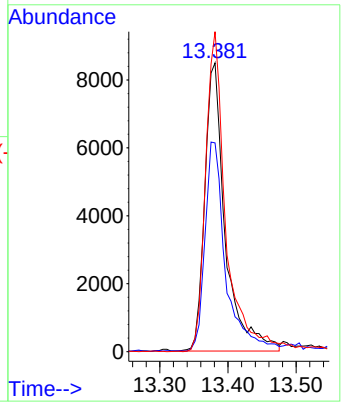


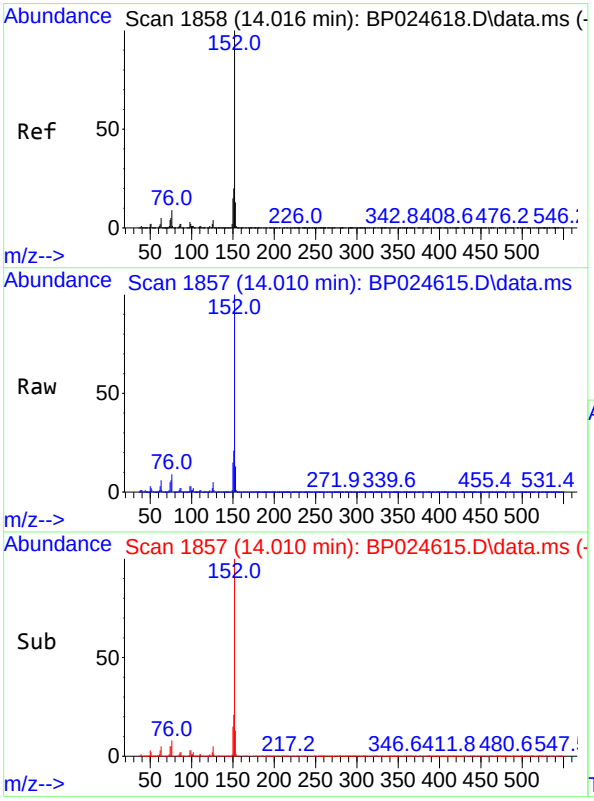
#48
2-Nitroaniline
Concen: 4.19 ng
RT: 13.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

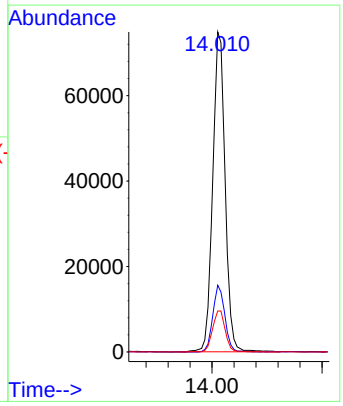


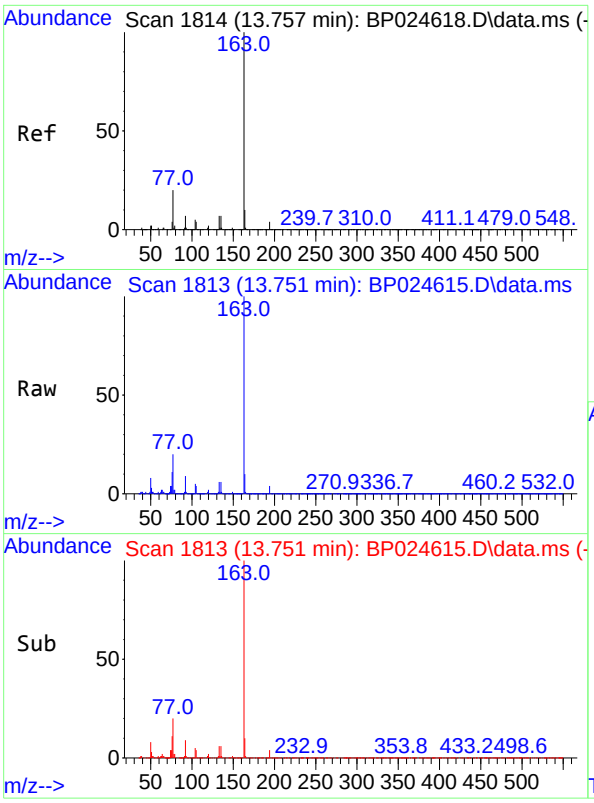


#49
Acenaphthylene
Concen: 4.89 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



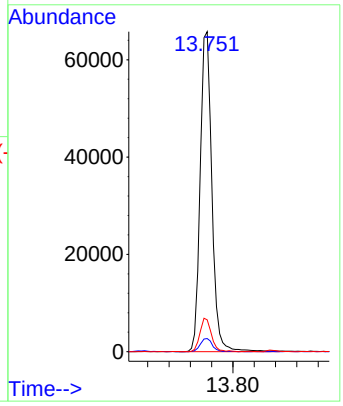


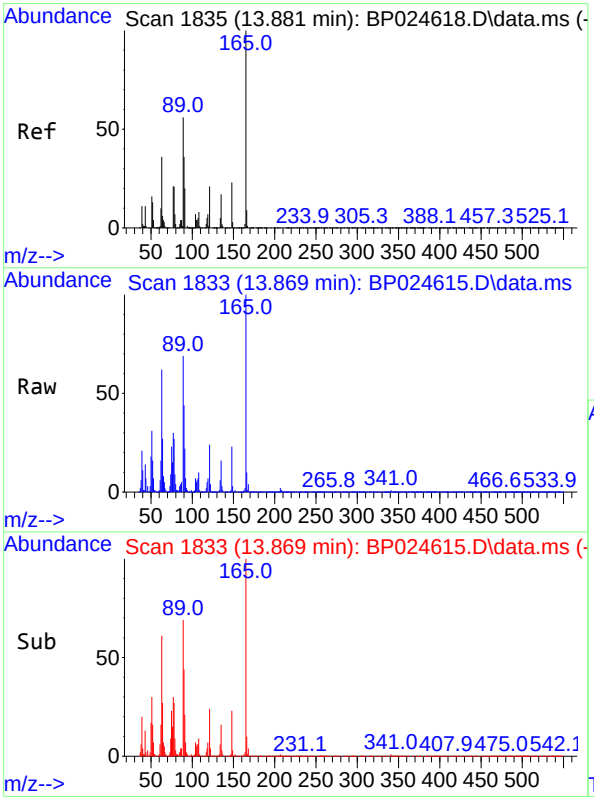
#50
Dimethylphthalate
Concen: 5.15 ng
RT: 13.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

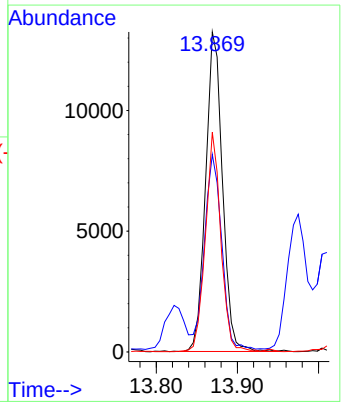


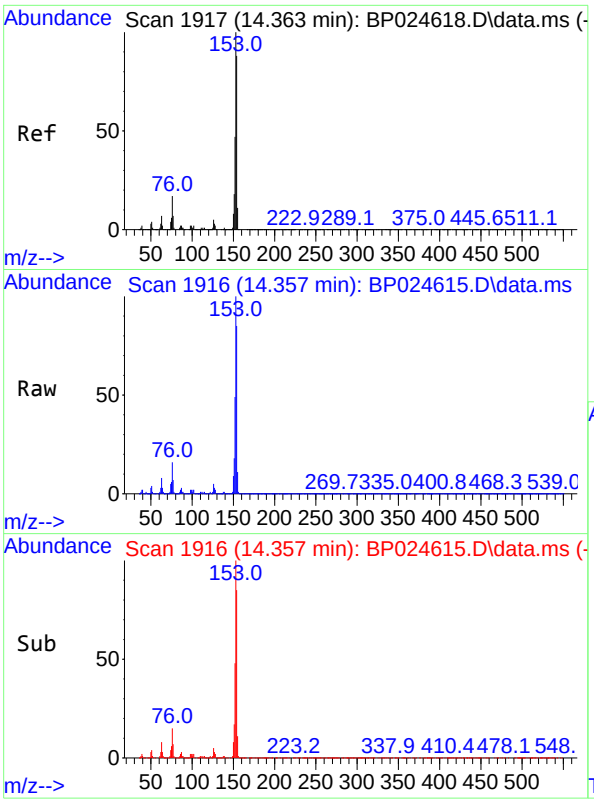


#51
2,6-Dinitrotoluene
Concen: 4.65 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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#



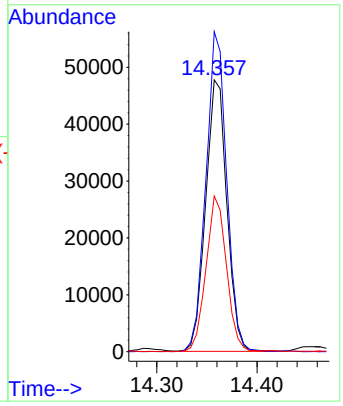


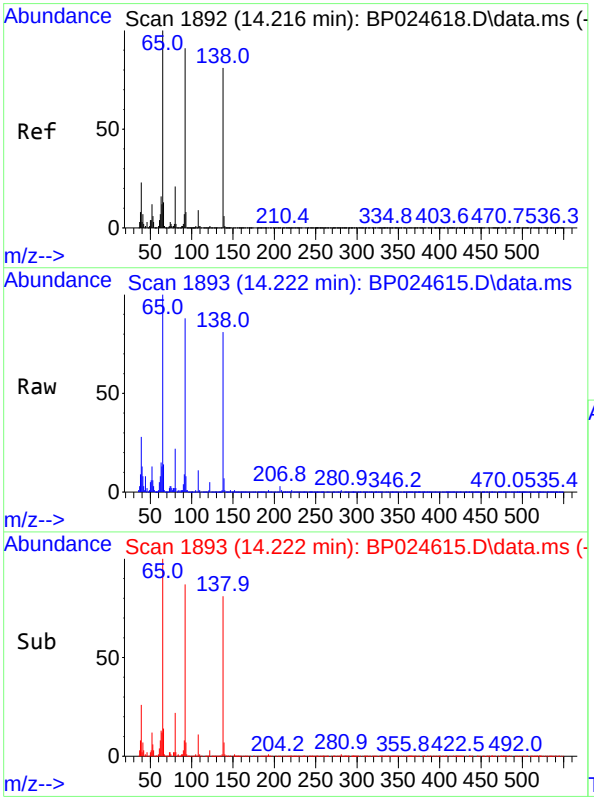
#52
Acenaphthene
Concen: 5.09 ng
RT: 14.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

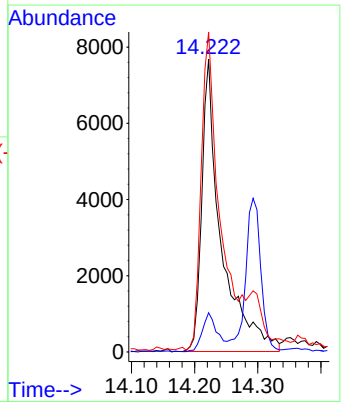


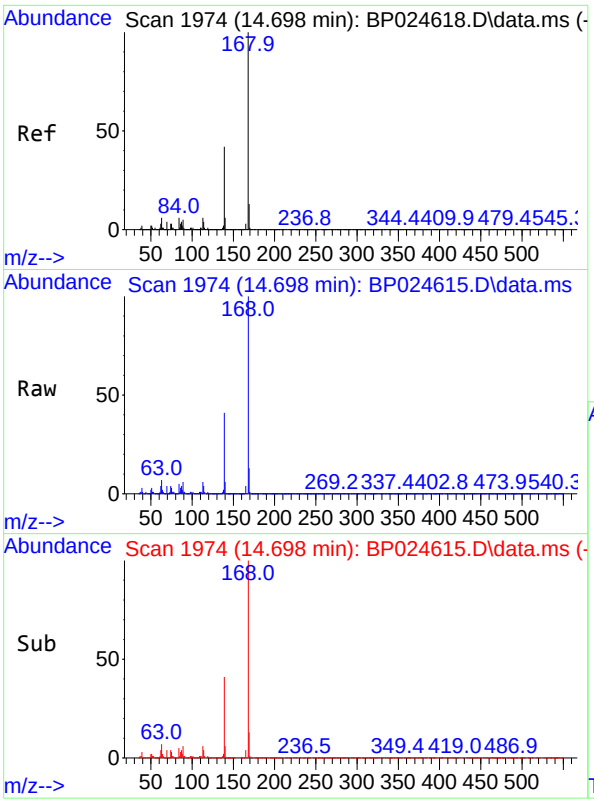


#53
3-Nitroaniline
Concen: 3.92 ng
RT: 14.222 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



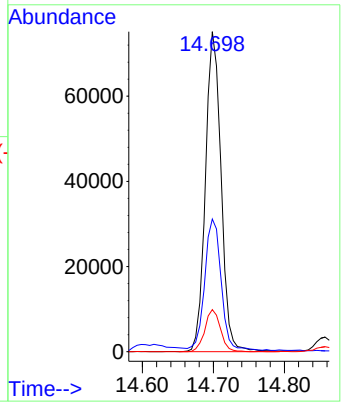


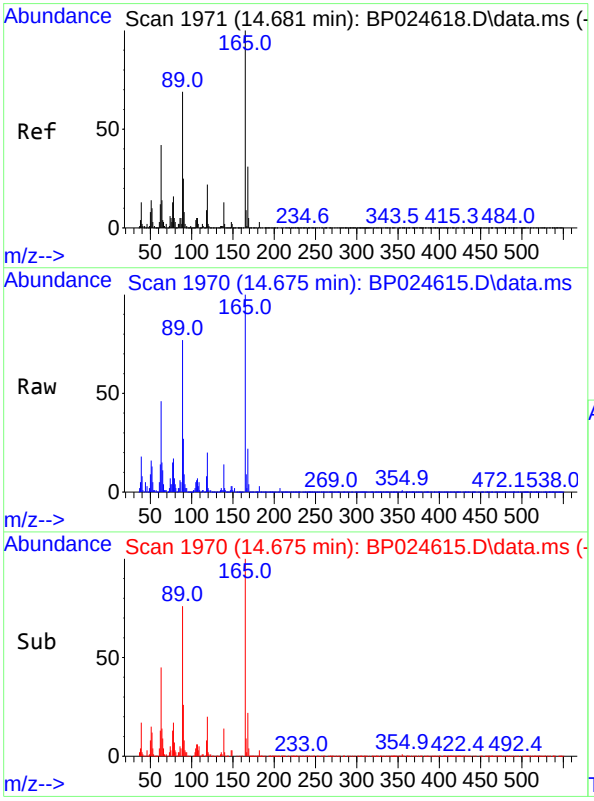
#55
Dibenzofuran
Concen: 5.23 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

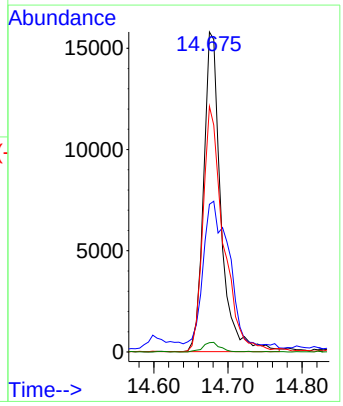


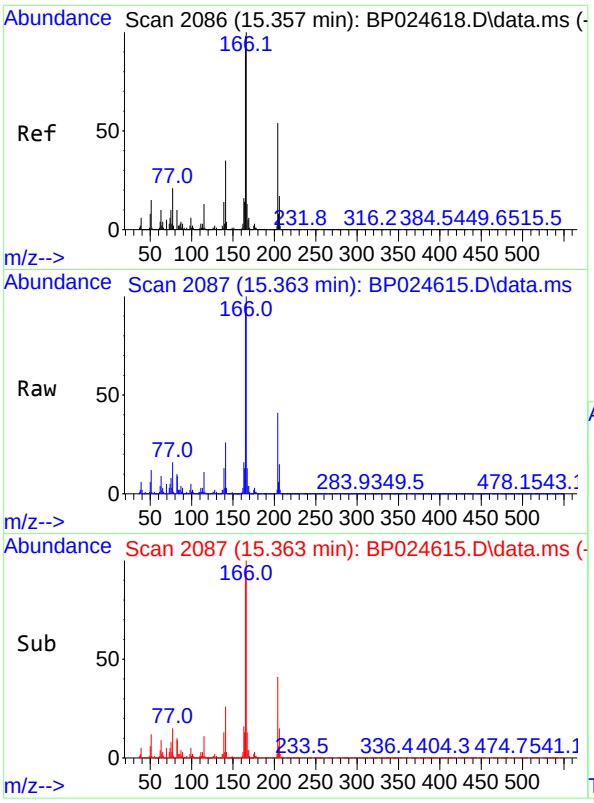


#57
2,4-Dinitrotoluene
Concen: 4.41 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



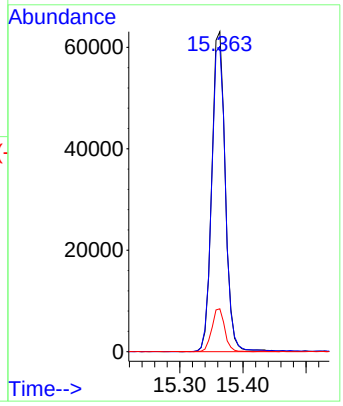


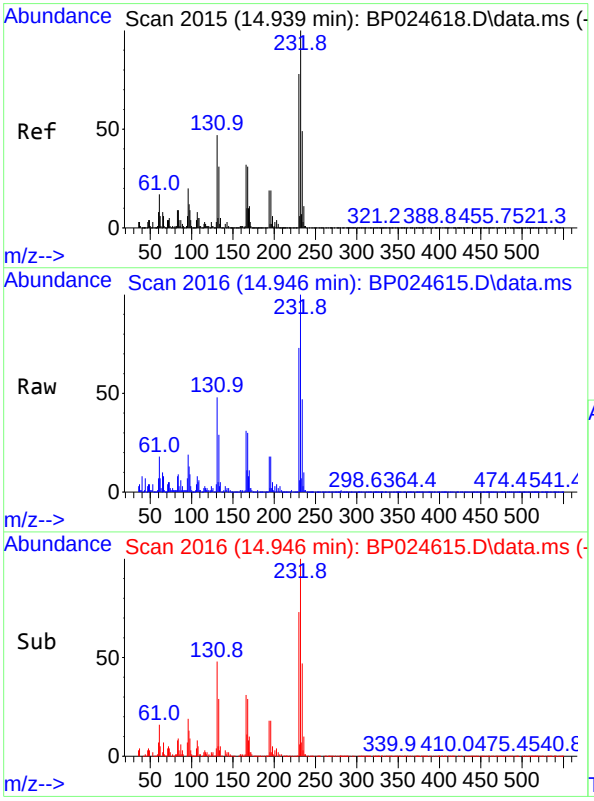
#58
Fluorene
Concen: 5.20 ng
RT: 15.363 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

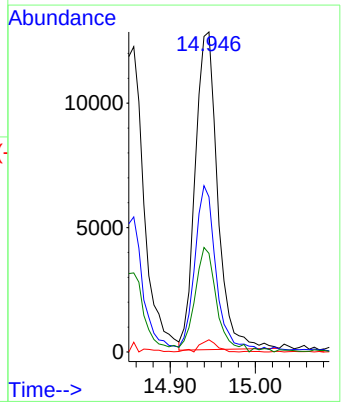


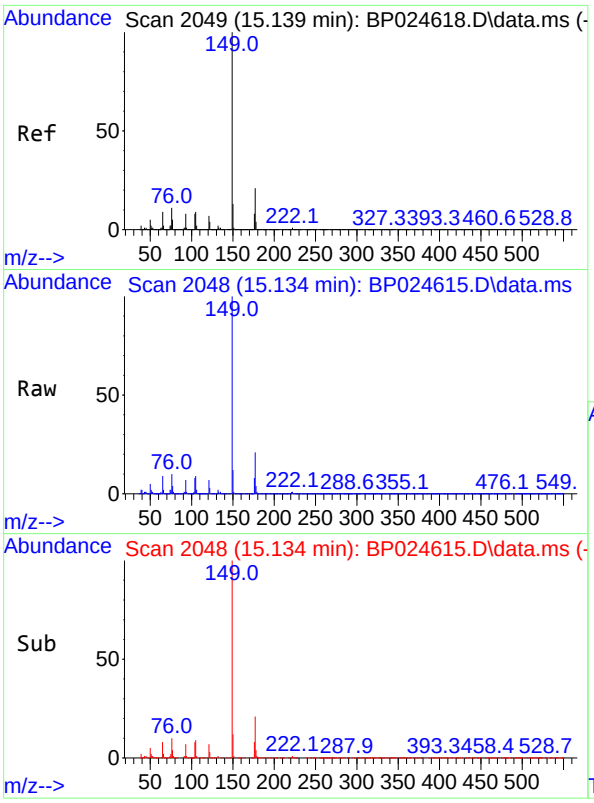


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.73 ng
RT: 14.946 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



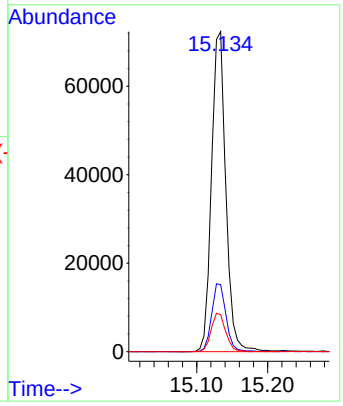


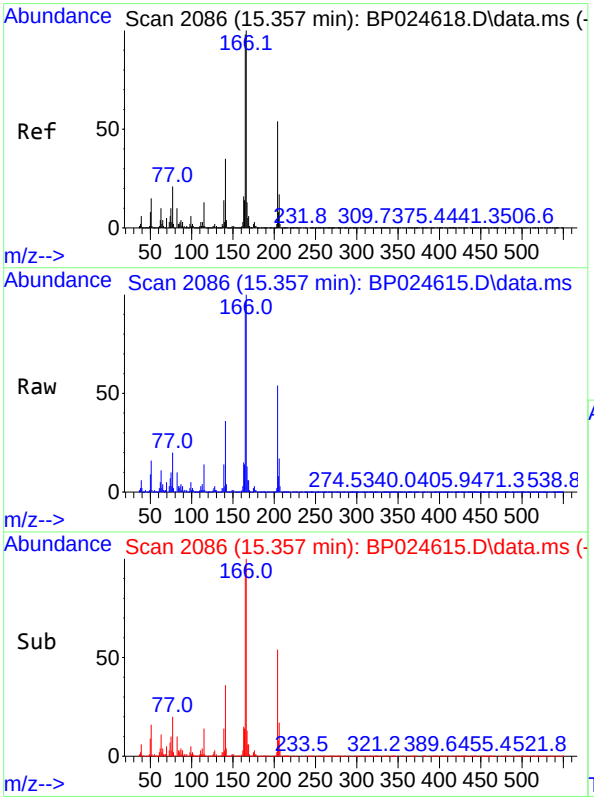
#60
Diethylphthalate
Concen: 5.17 ng
RT: 15.134 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

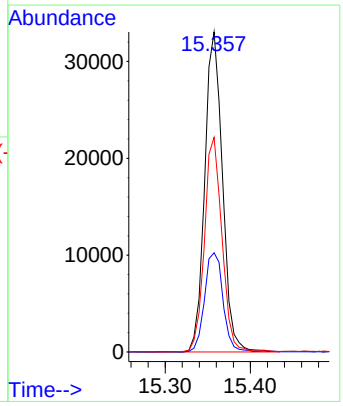


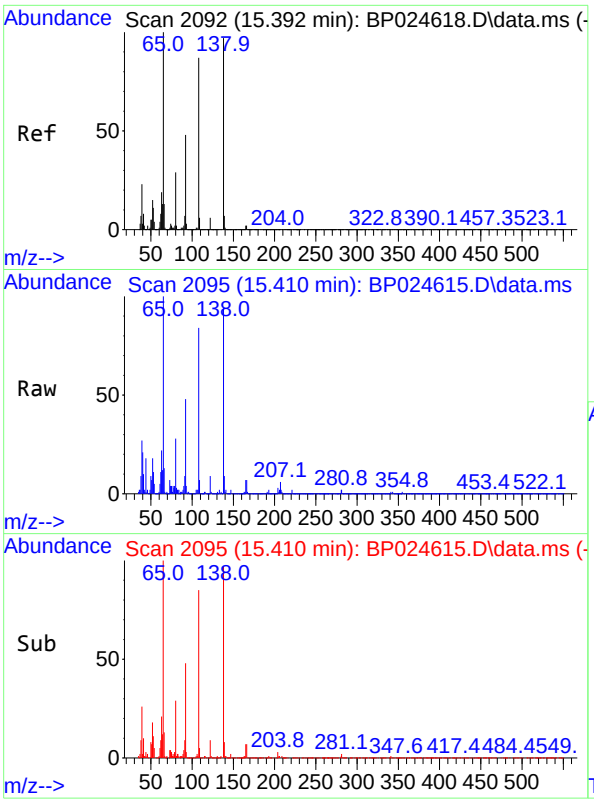


#61
4-Chlorophenyl-phenylether
Concen: 5.35 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



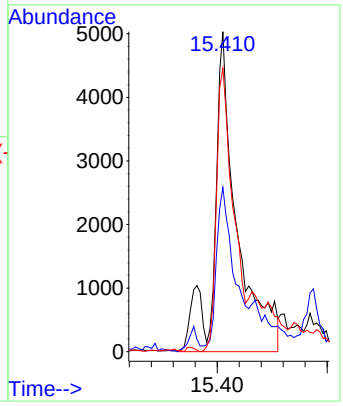


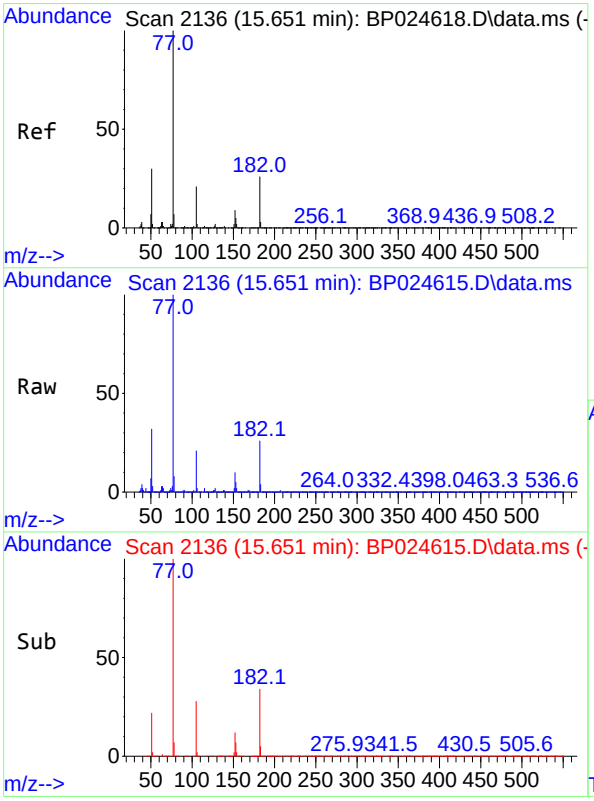
#62
4-Nitroaniline
Concen: 3.55 ng m
RT: 15.410 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

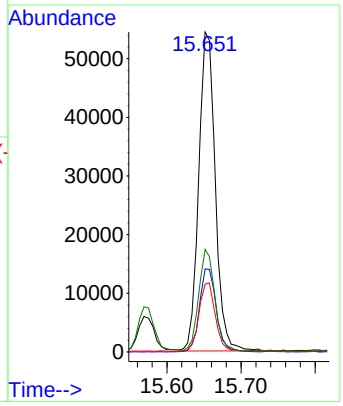


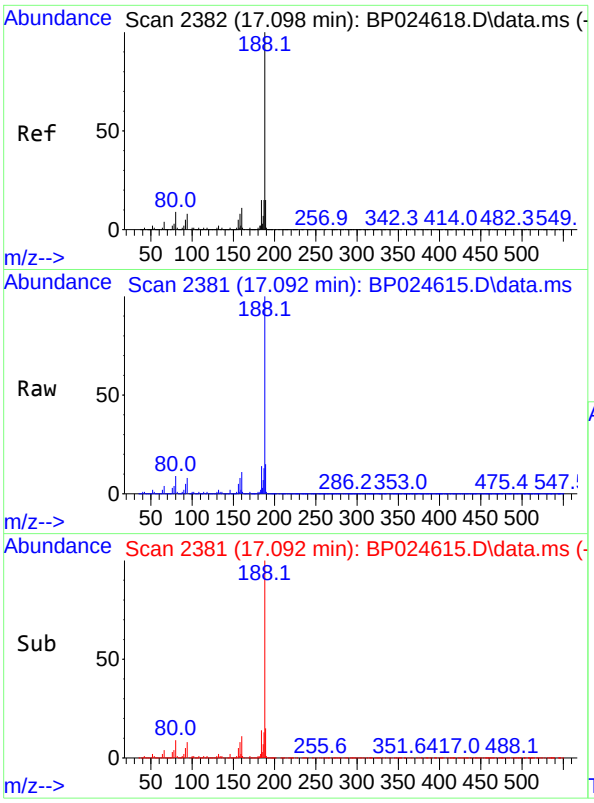


#63
Azobenzene
Concen: 5.03 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



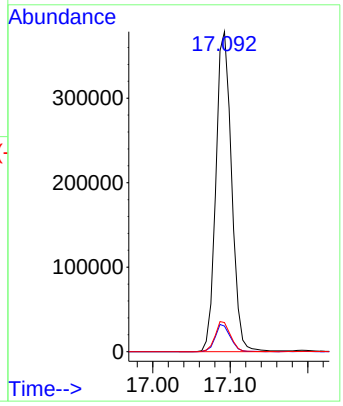


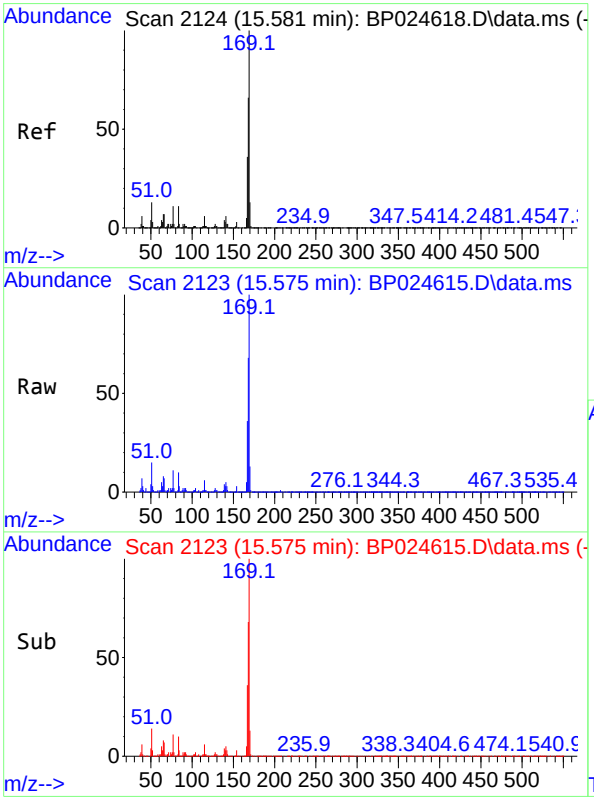
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

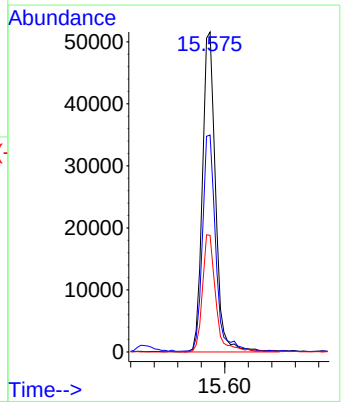


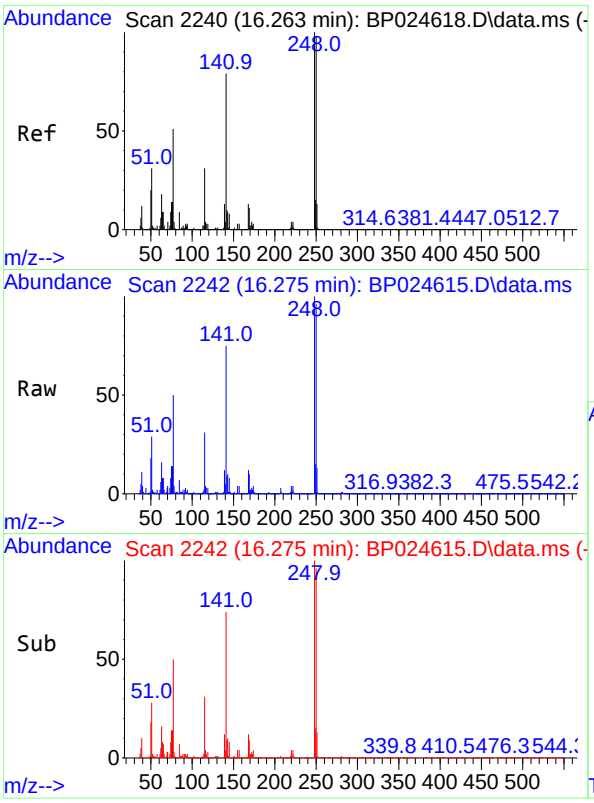


#66
n-Nitrosodiphenylamine
Concen: 4.90 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



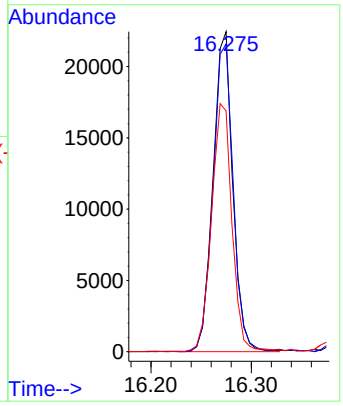


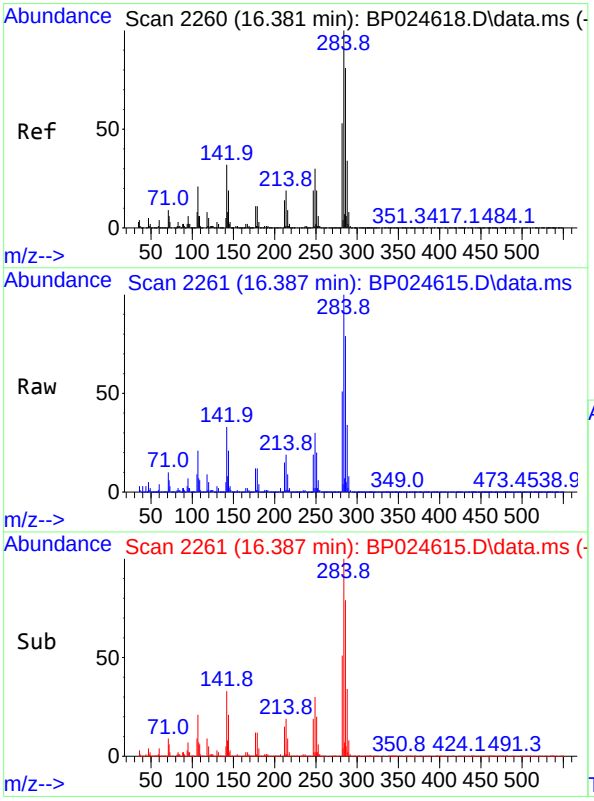
#67
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 16.275 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

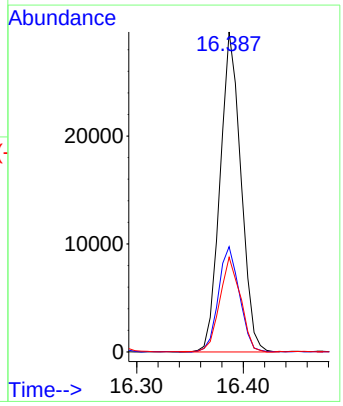


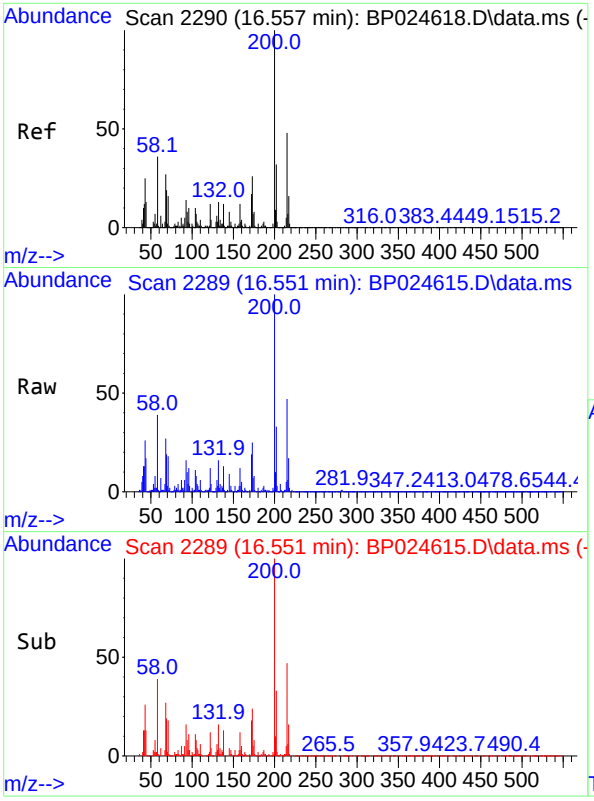


#68
Hexachlorobenzene
Concen: 5.06 ng
RT: 16.387 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



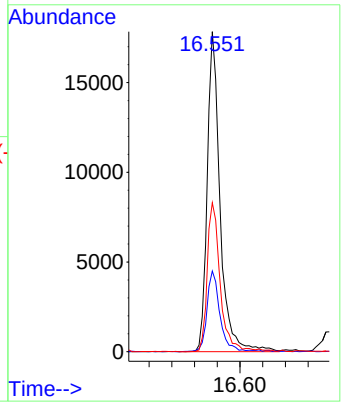


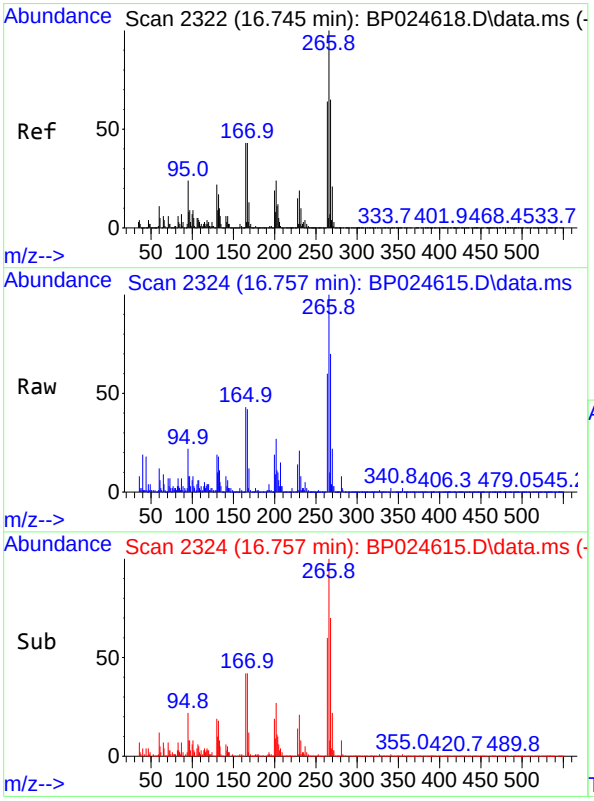
#69
Atrazine
Concen: 4.66 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

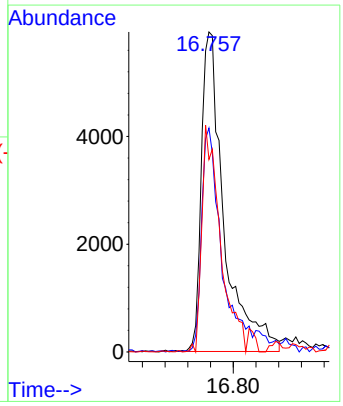


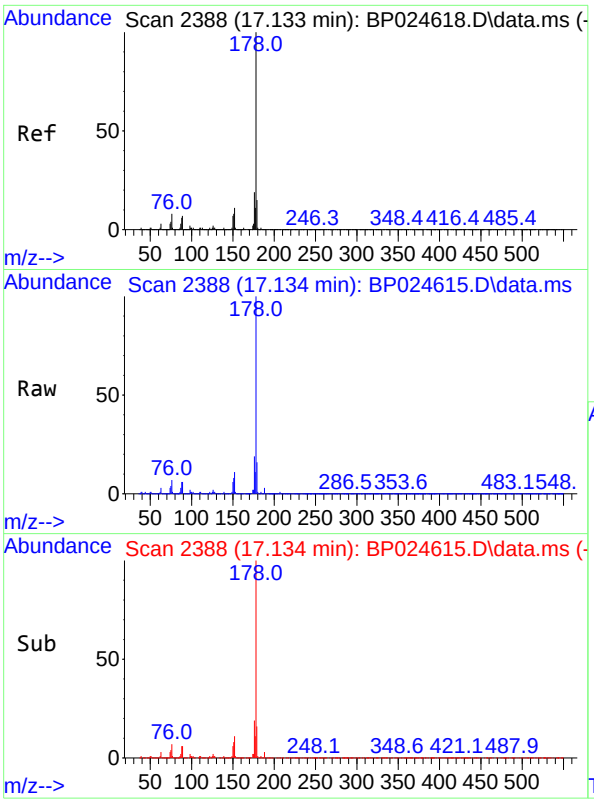


#70
Pentachlorophenol
Concen: 3.68 ng
RT: 16.757 min Scan# 2324
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



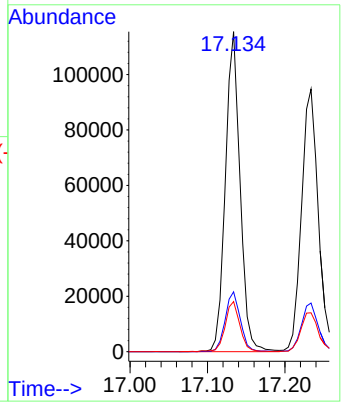


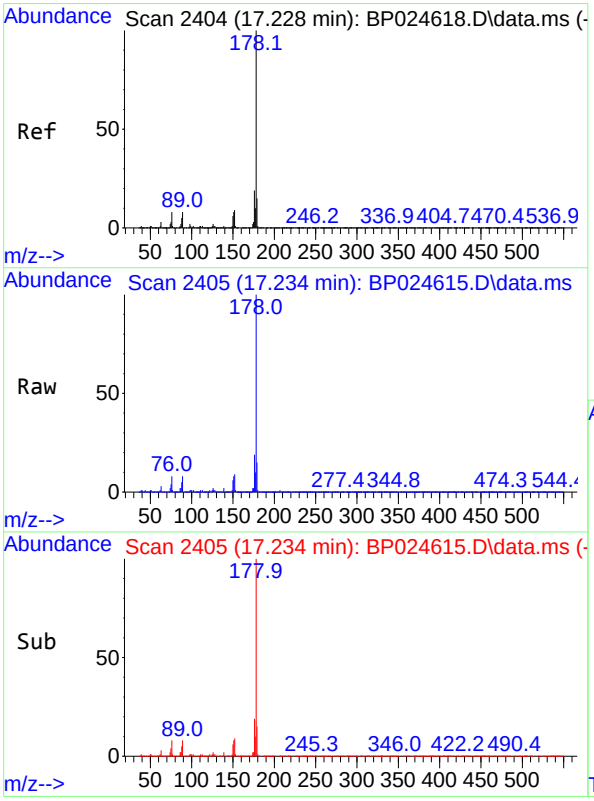
#71
Phenanthrene
Concen: 5.14 ng
RT: 17.134 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

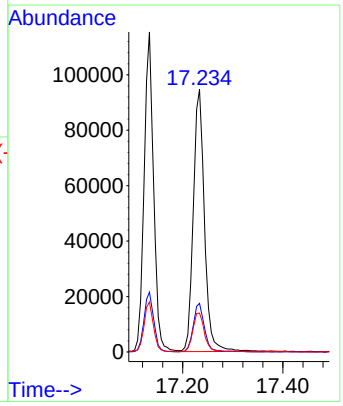


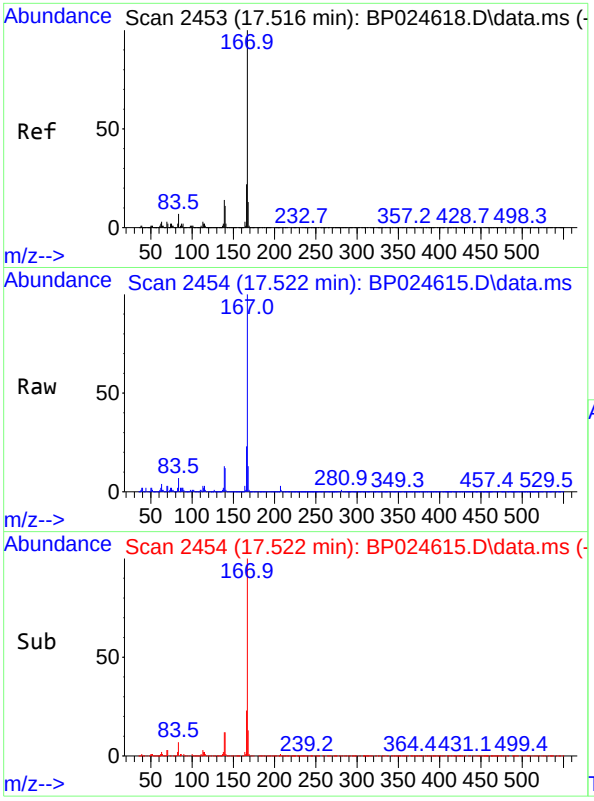


#72
Anthracene
Concen: 4.90 ng
RT: 17.234 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



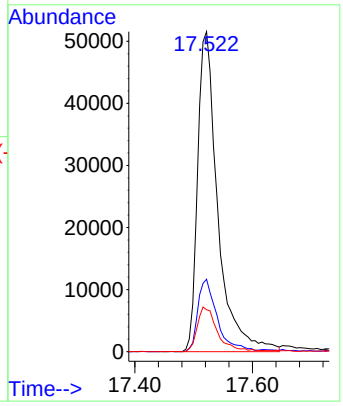


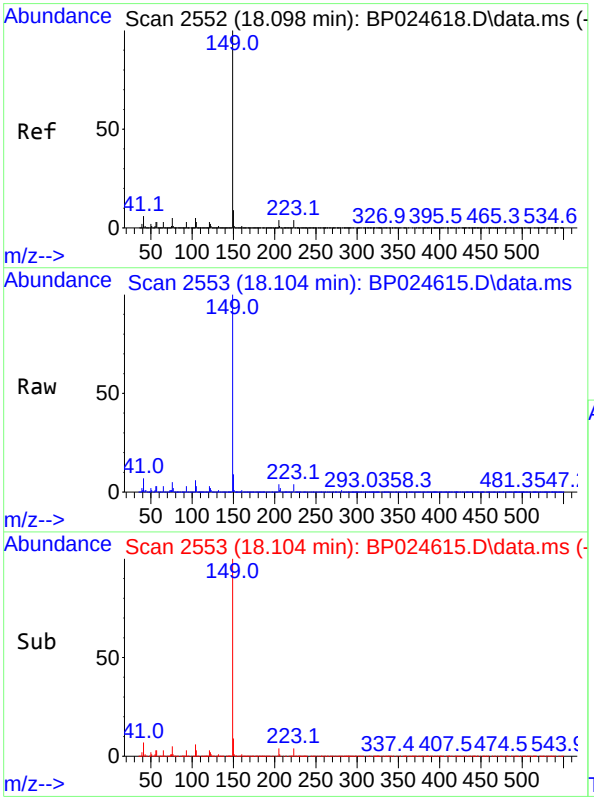
#73
Carbazole
Concen: 4.56 ng
RT: 17.522 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

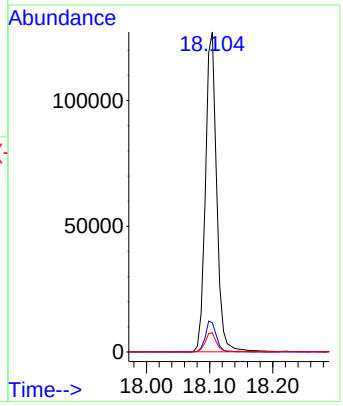


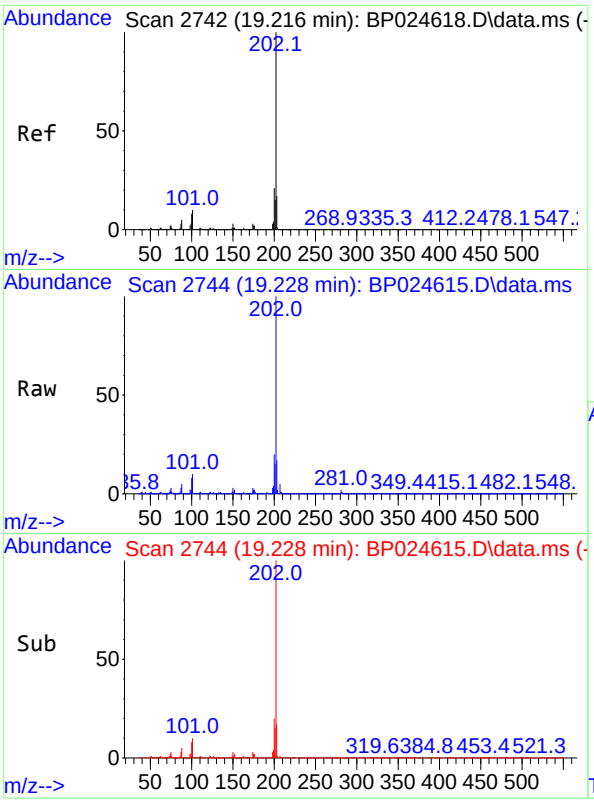


#74
Di-n-butylphthalate
Concen: 4.54 ng
RT: 18.104 min Scan# 2553
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



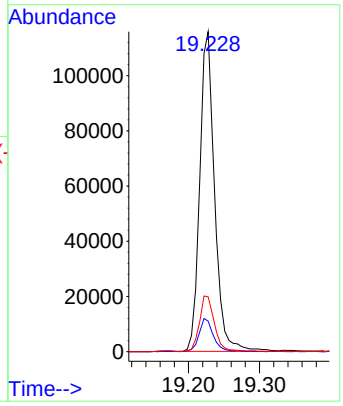


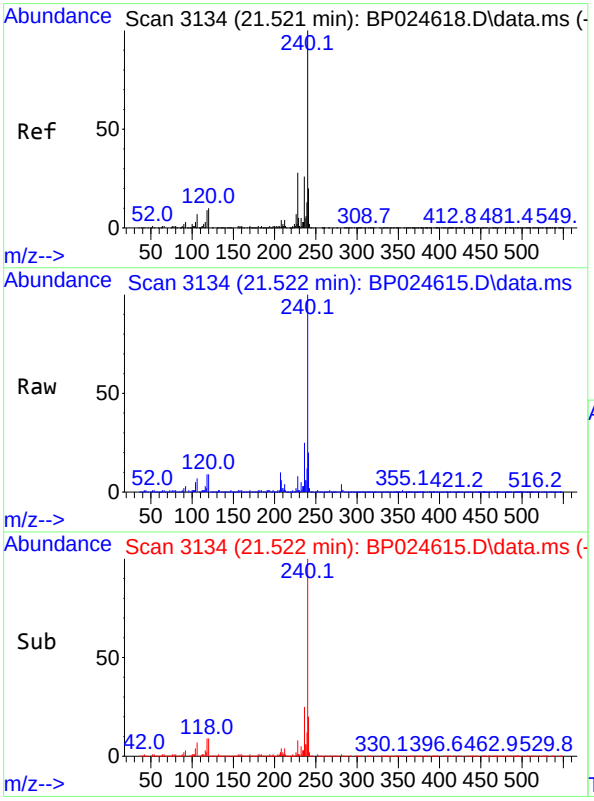
#75
Fluoranthene
Concen: 4.89 ng
RT: 19.228 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

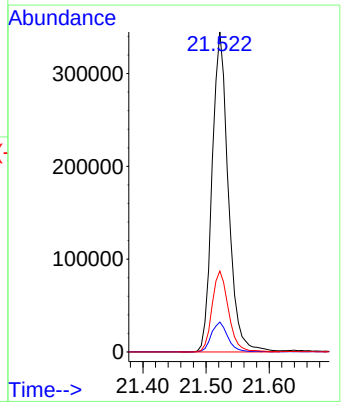


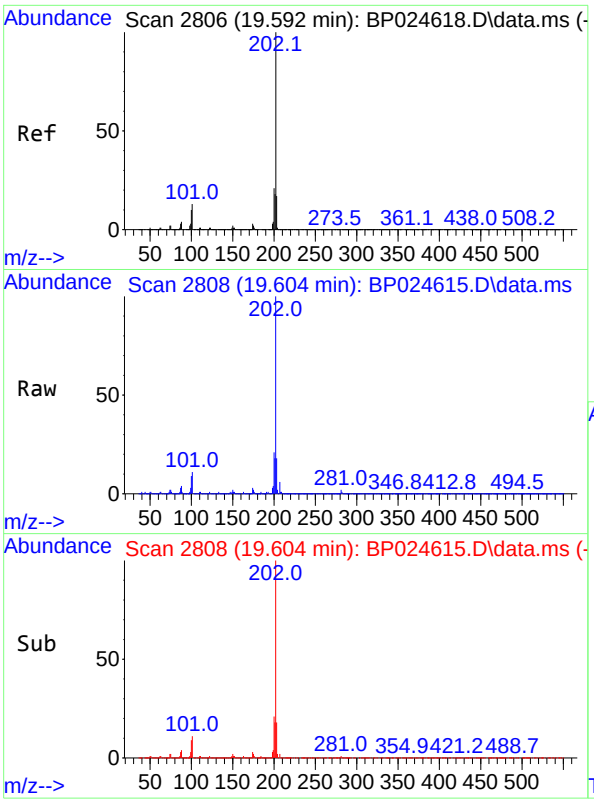


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



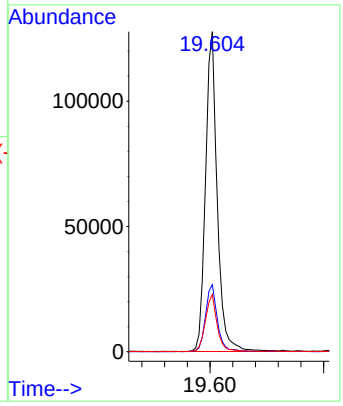


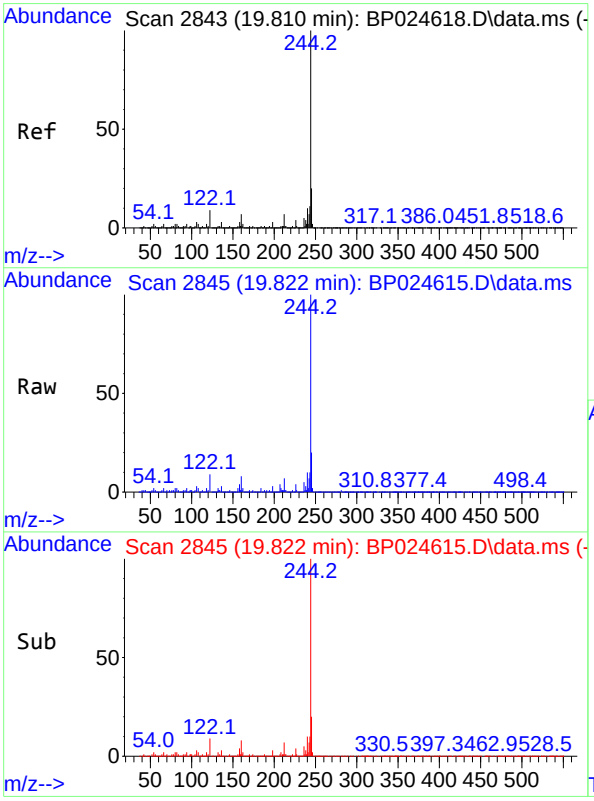
#78
Pyrene
Concen: 4.94 ng
RT: 19.604 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

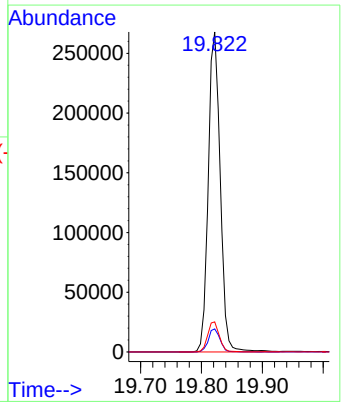


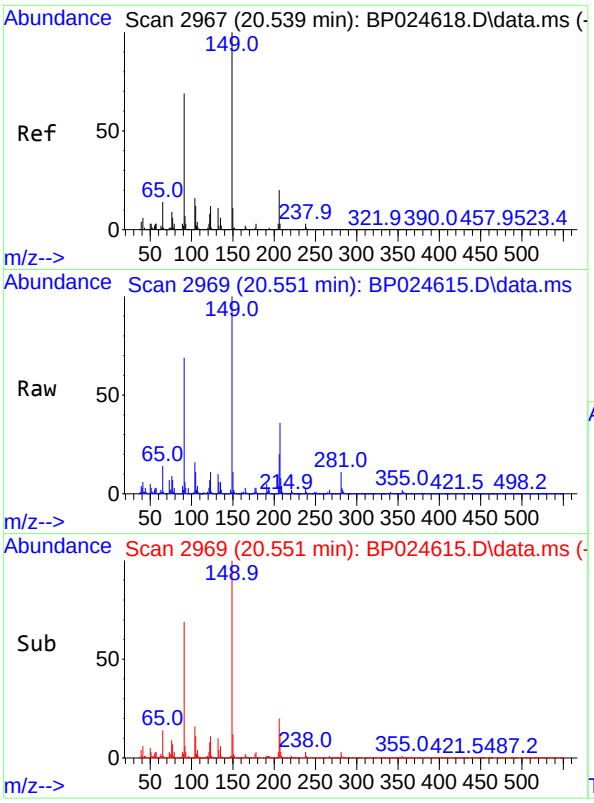


#79
Terphenyl-d14
Concen: 10.22 ng
RT: 19.822 min Scan# 2845
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



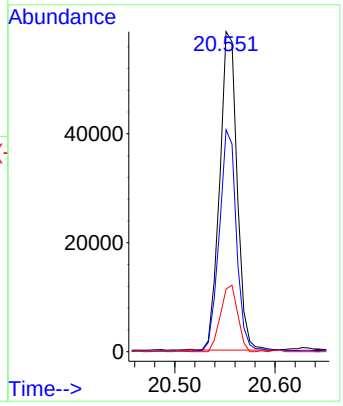


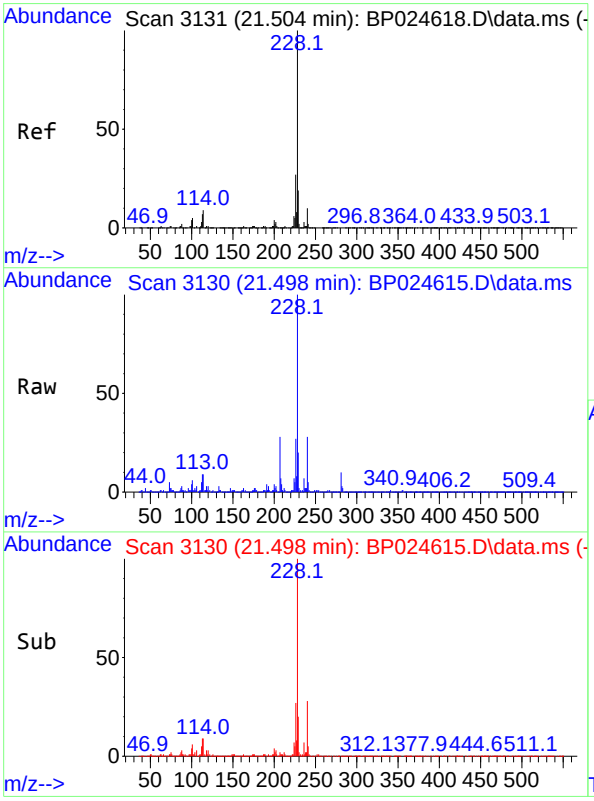
#80
Butylbenzylphthalate
Concen: 4.30 ng
RT: 20.551 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

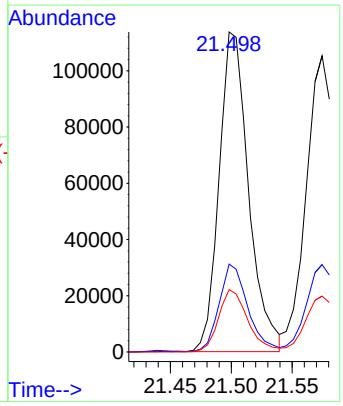


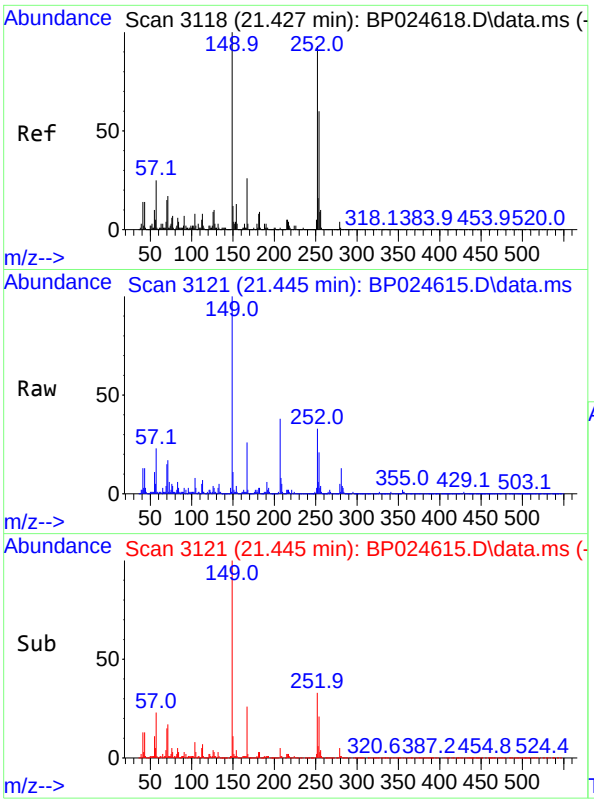


#81
Benzo(a)anthracene
Concen: 4.98 ng
RT: 21.498 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



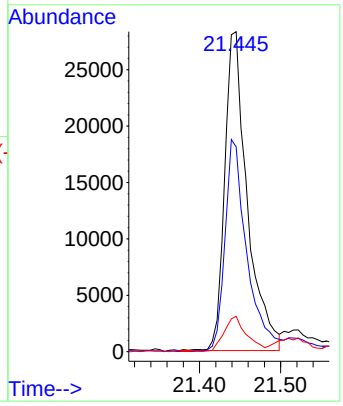


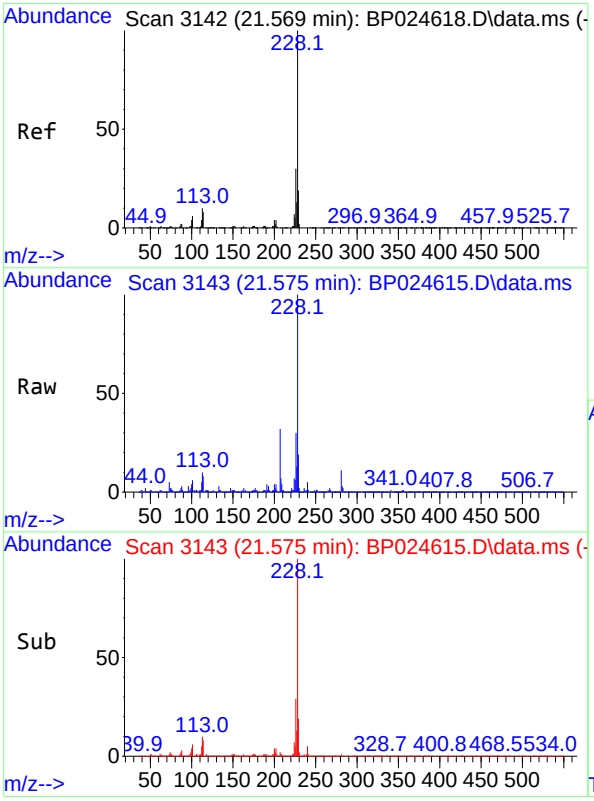
#82
3,3'-Dichlorobenzidine
Concen: 3.82 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

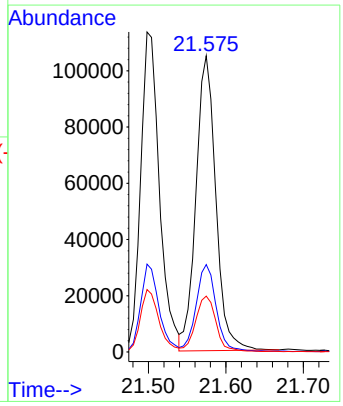


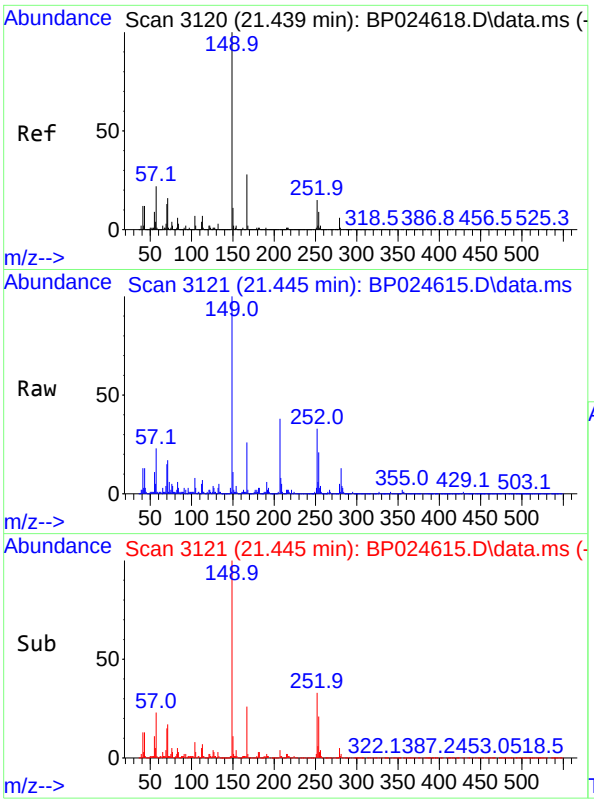


#83
Chrysene
Concen: 5.10 ng
RT: 21.575 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



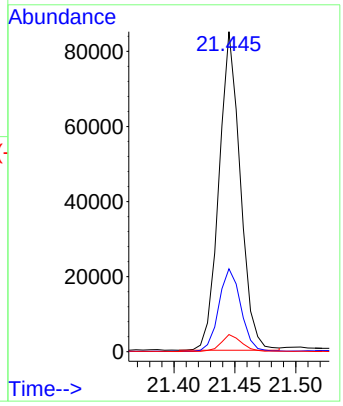


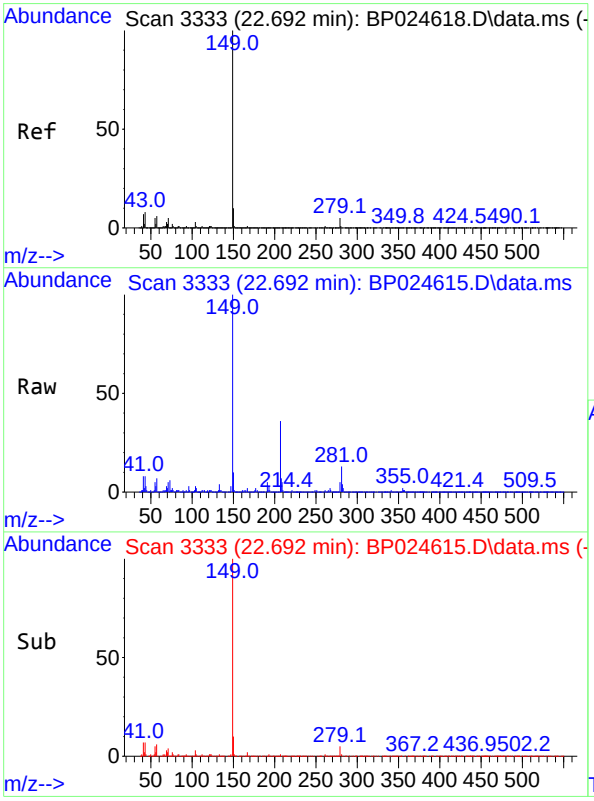
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.29 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

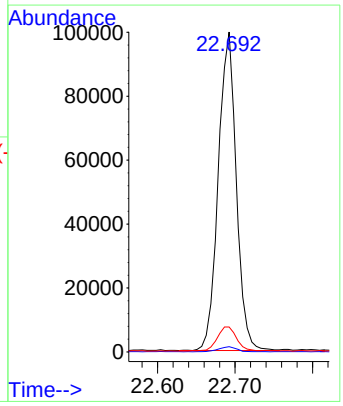


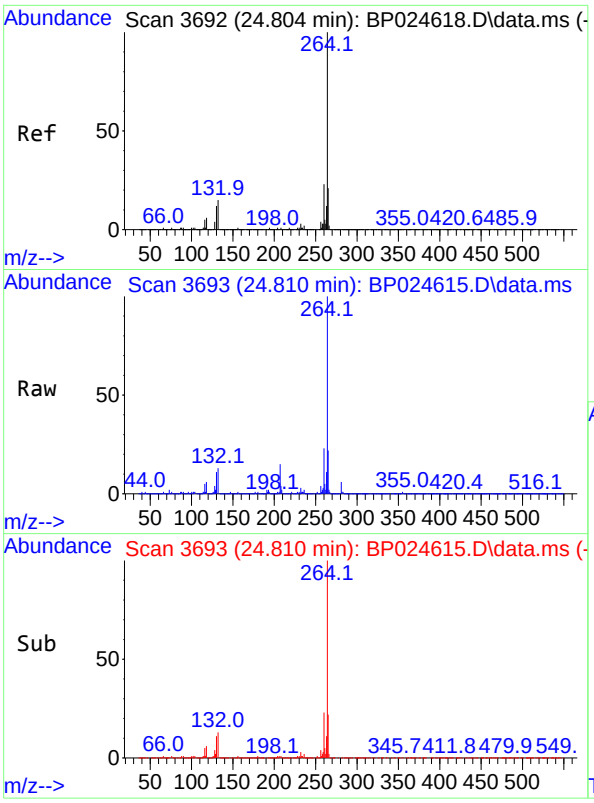


#85
Di-n-octyl phthalate
Concen: 4.09 ng
RT: 22.692 min Scan# 3333
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



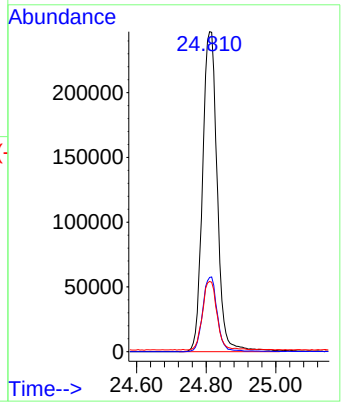


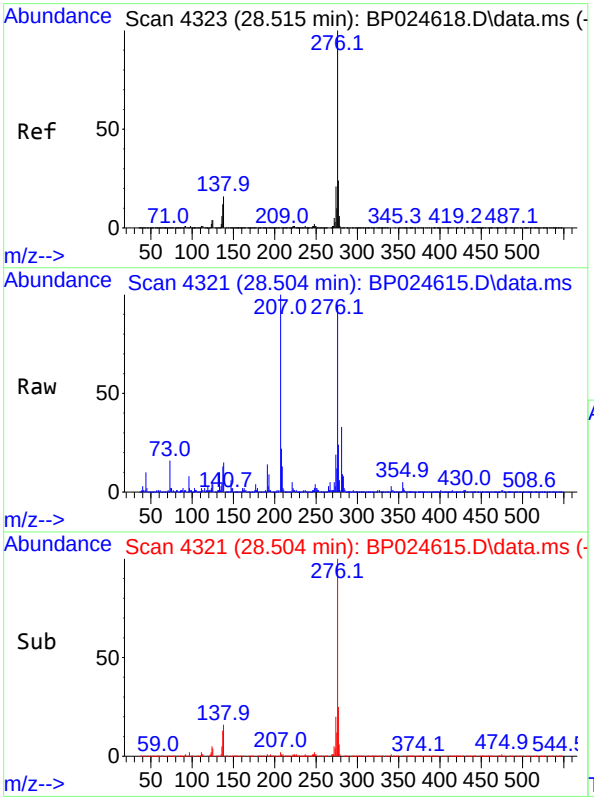
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

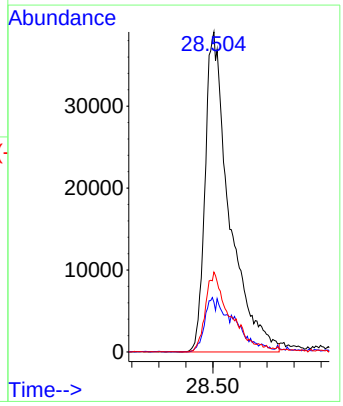


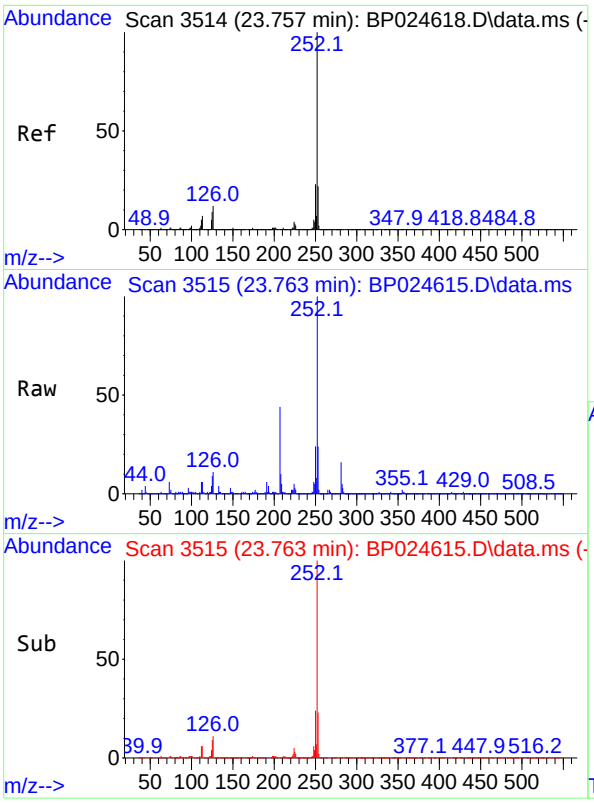


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.59 ng
RT: 28.504 min Scan# 4321
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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#



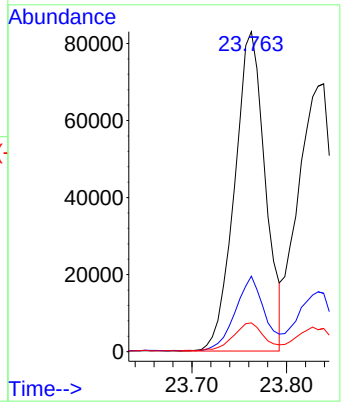


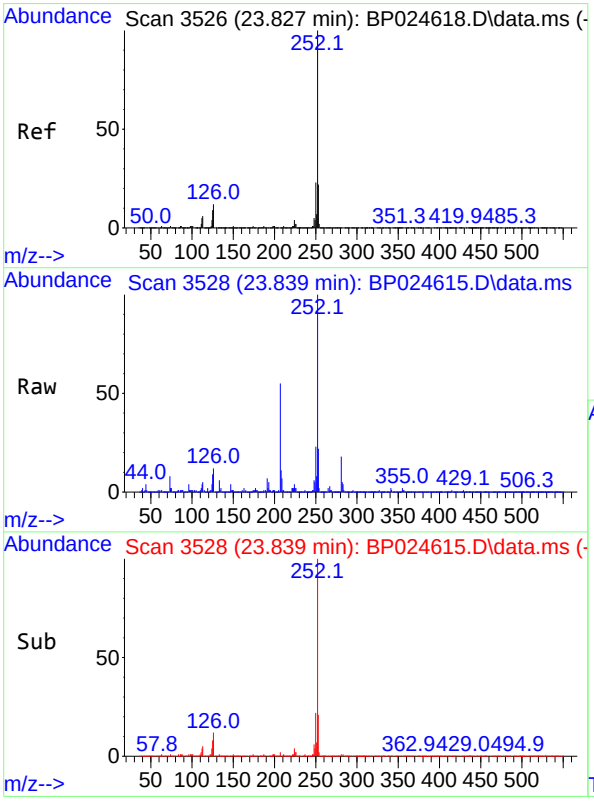
#88
Benzo(b)fluoranthene
Concen: 4.49 ng
RT: 23.763 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

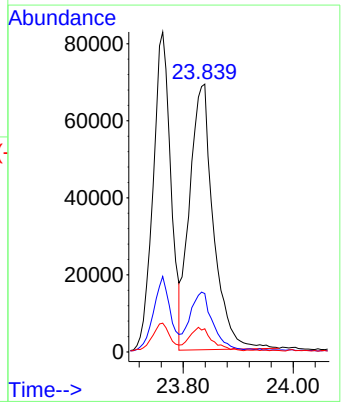


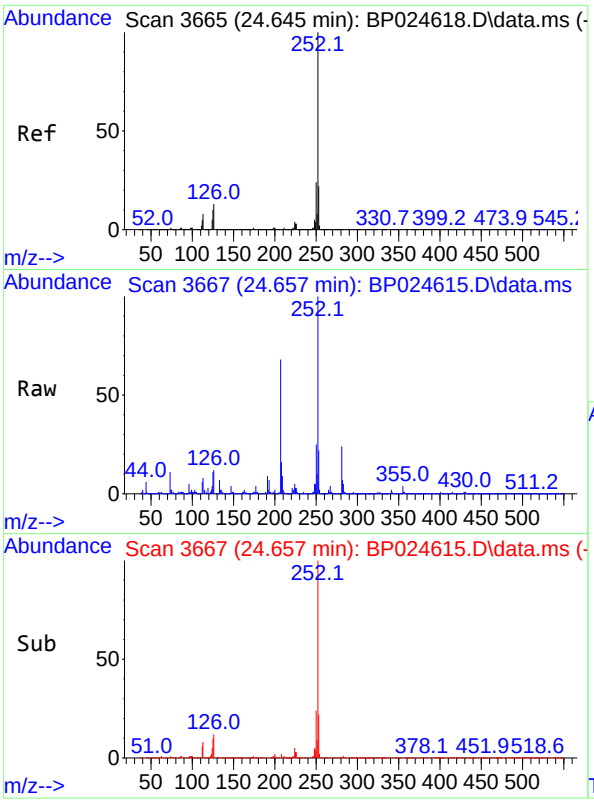


#89
Benzo(k)fluoranthene
Concen: 4.86 ng
RT: 23.839 min Scan# 3528
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



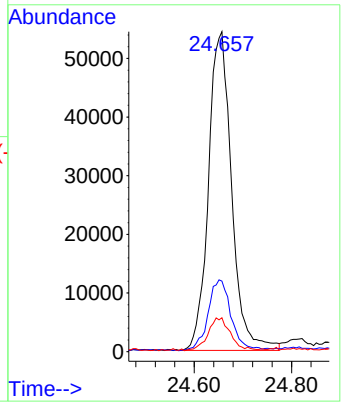


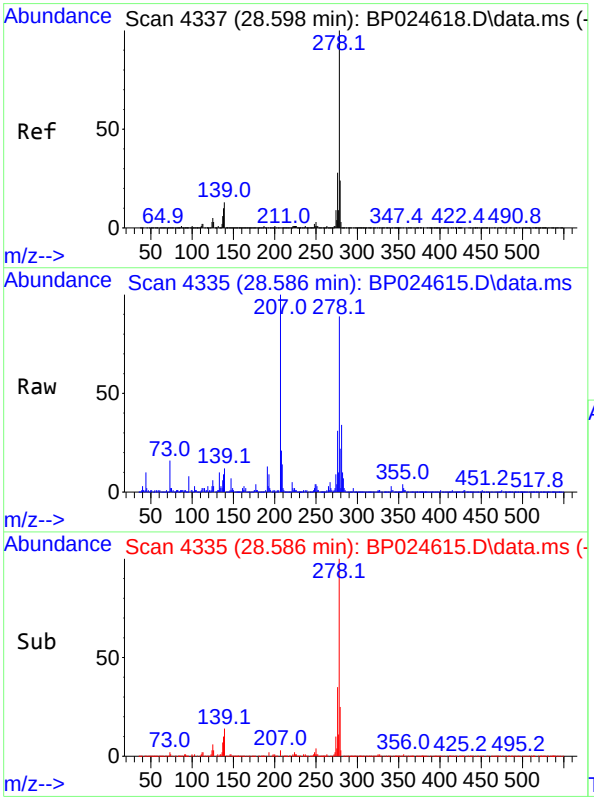
#90
Benzo(a)pyrene
Concen: 4.52 ng
RT: 24.657 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

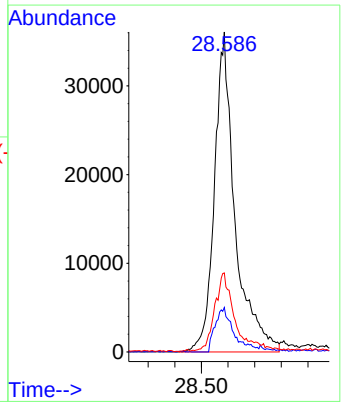


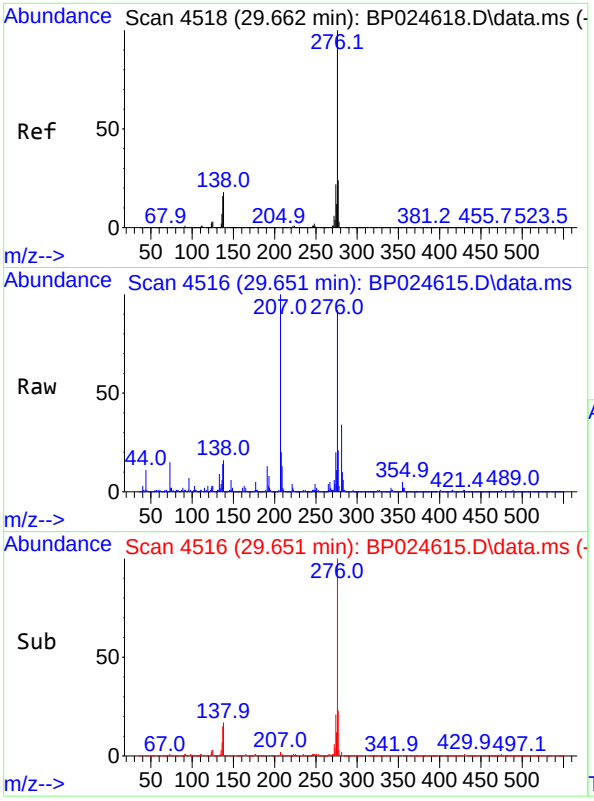


#91
Dibenzo(a,h)anthracene
Concen: 4.50 ng
RT: 28.586 min Scan# 4335
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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



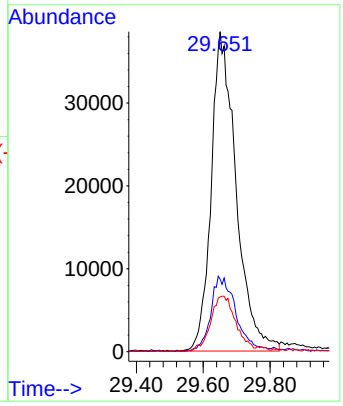


#92
Benzo(g,h,i)perylene
Concen: 4.66 ng
RT: 29.651 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

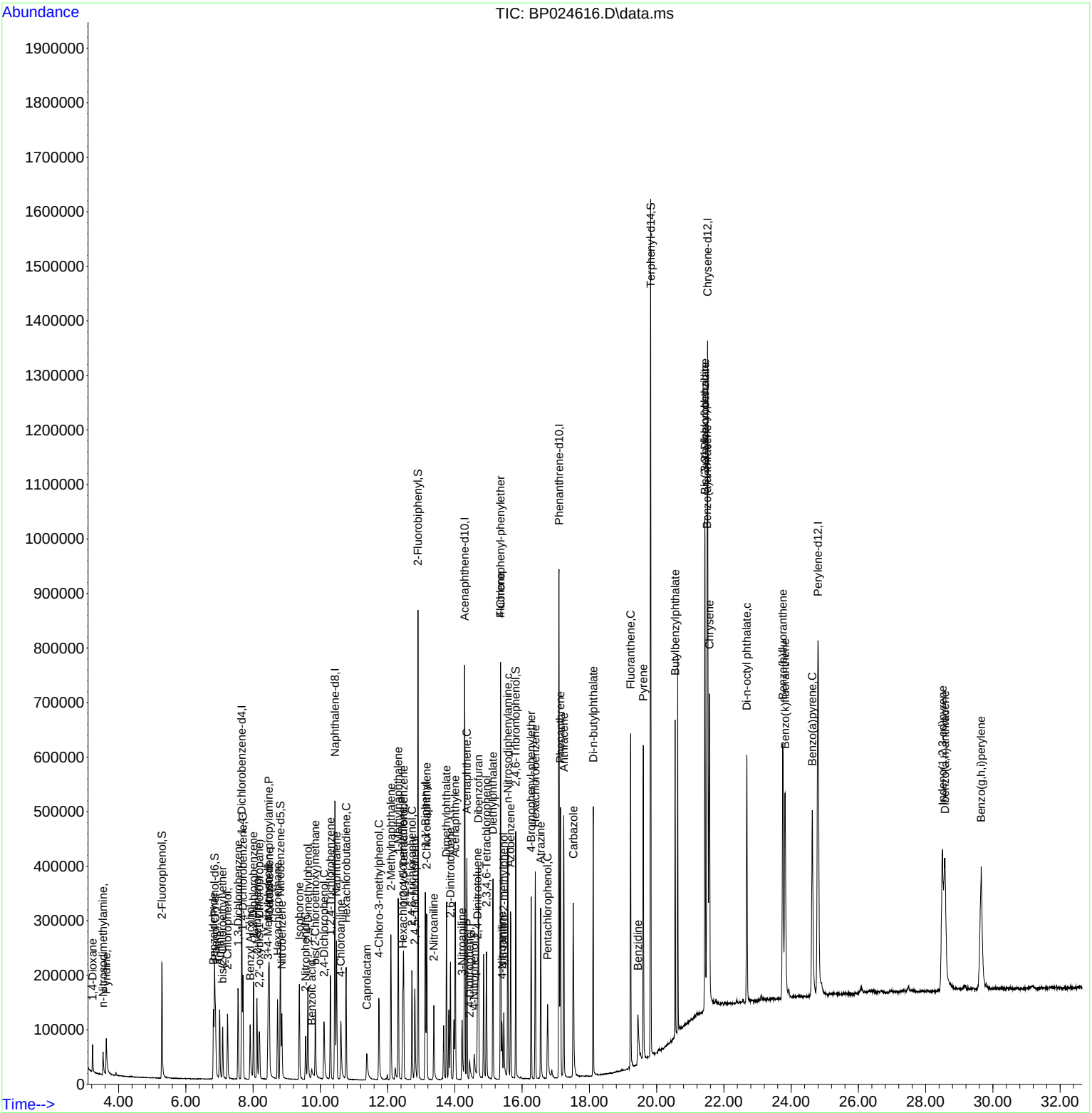
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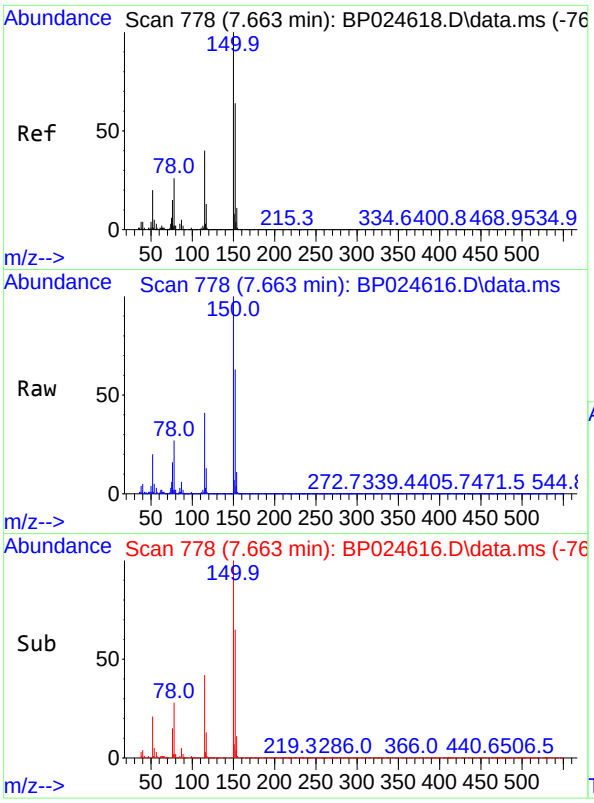
ICAL Form

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



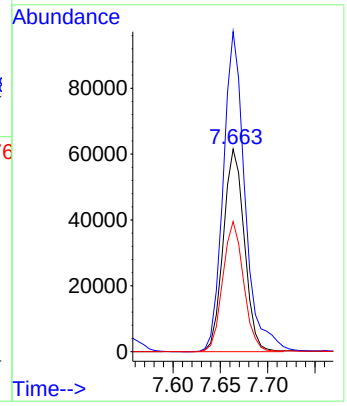


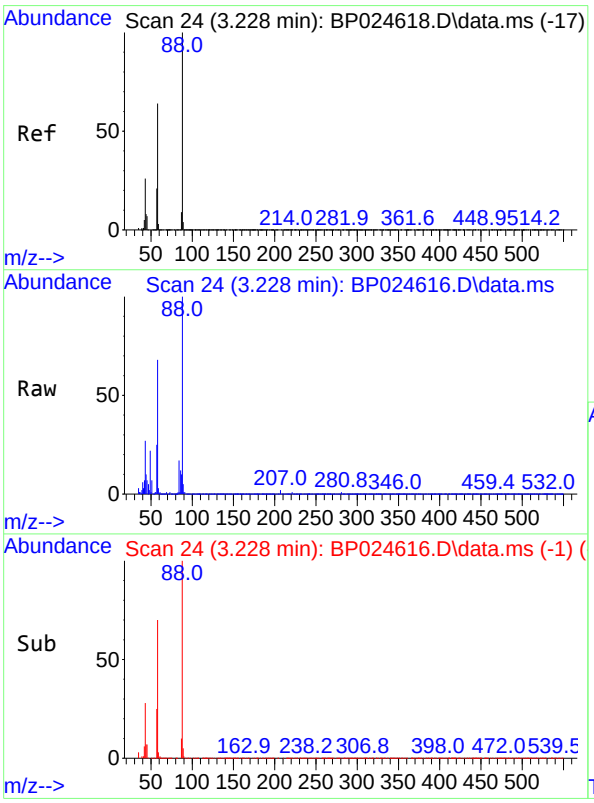
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

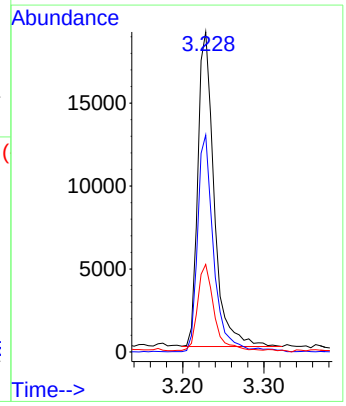


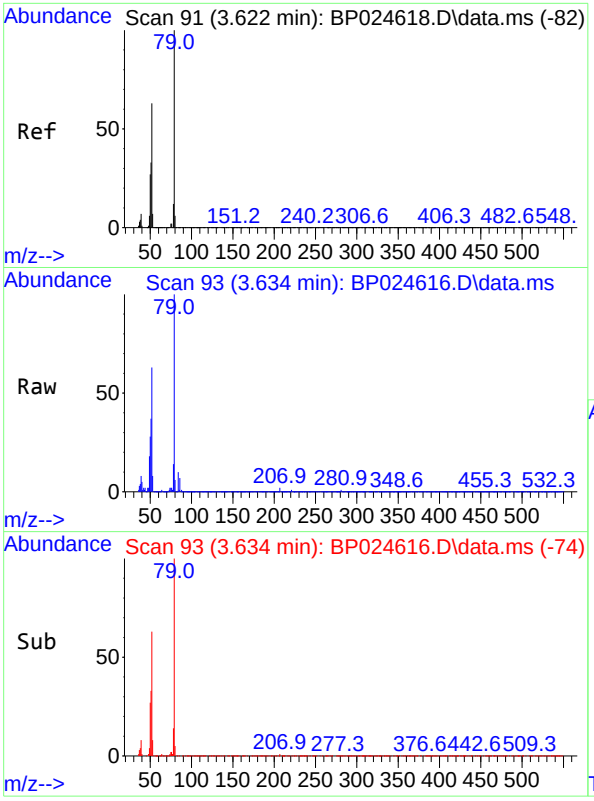


#2
1,4-Dioxane
Concen: 10.15 ng
RT: 3.228 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



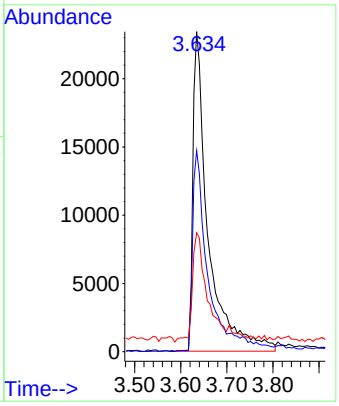


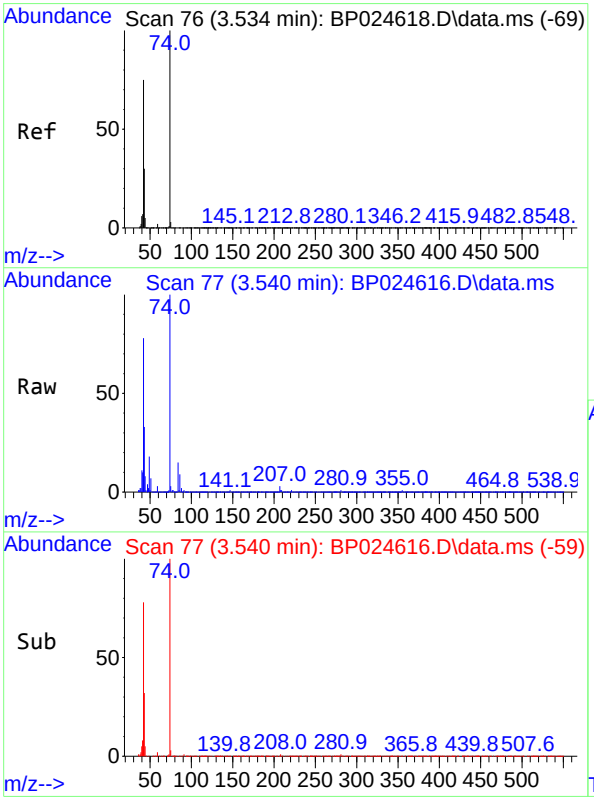
#3
Pyridine
Concen: 9.33 ng
RT: 3.634 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

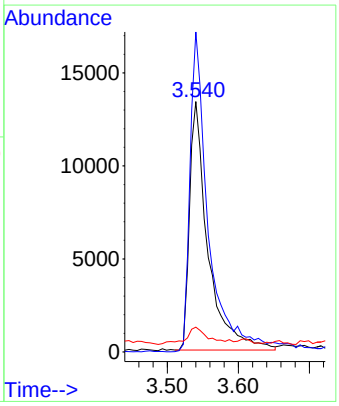


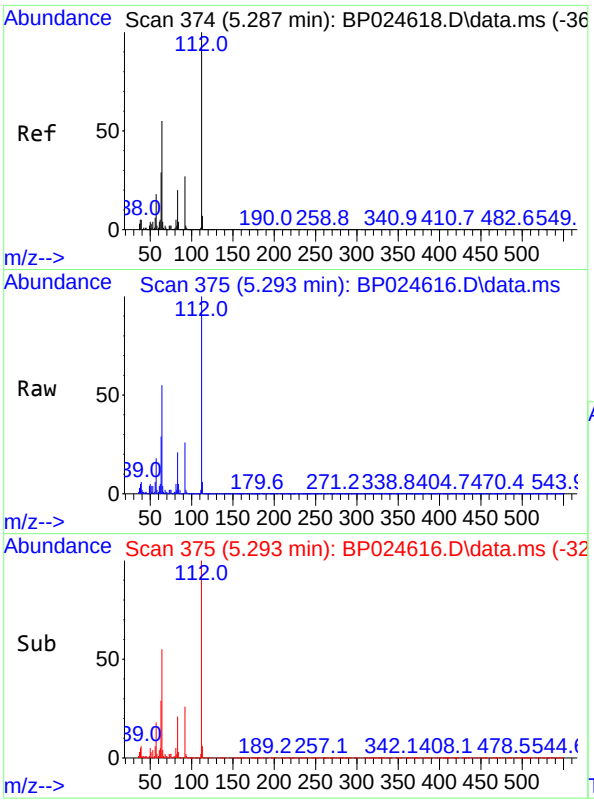


#4
n-Nitrosodimethylamine
Concen: 9.44 ng
RT: 3.540 min Scan# 77
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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#



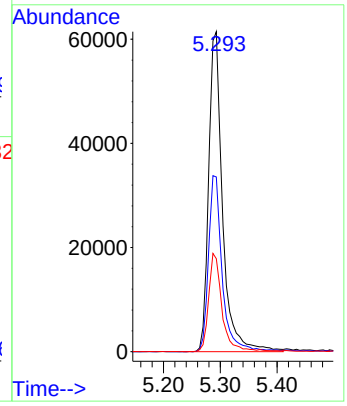


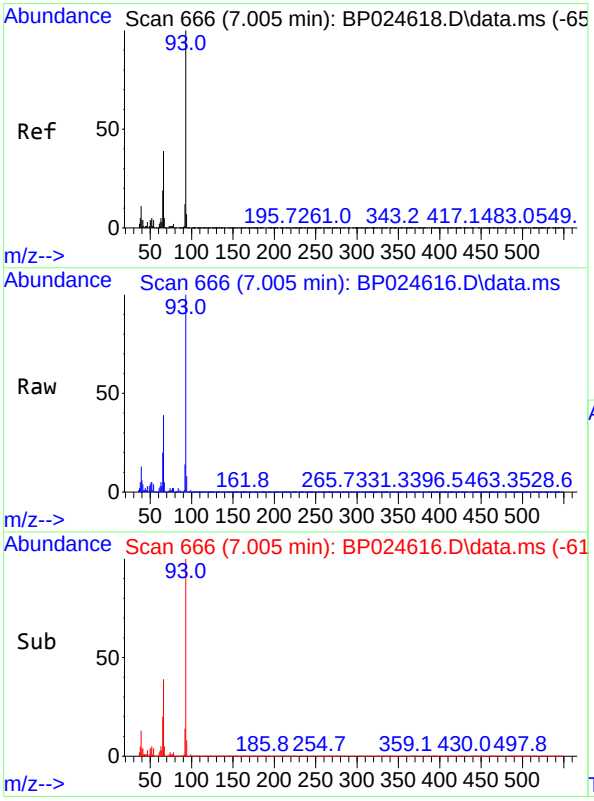
#5
2-Fluorophenol
Concen: 18.75 ng
RT: 5.293 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

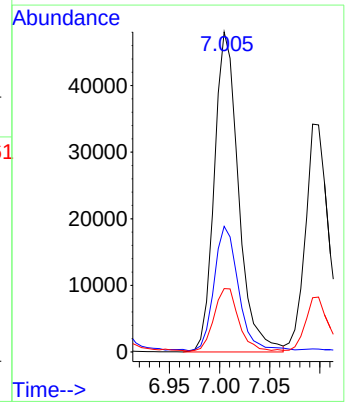


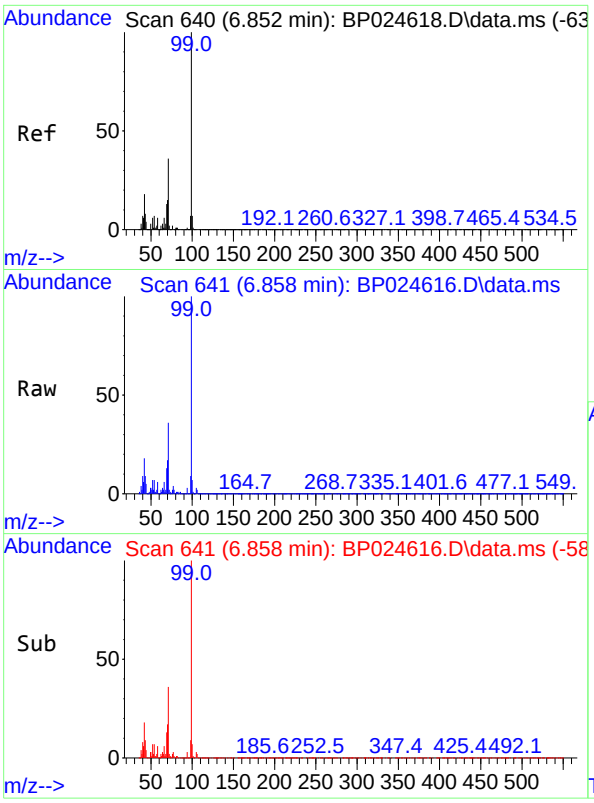


#6
Aniline
Concen: 8.84 ng
RT: 7.005 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



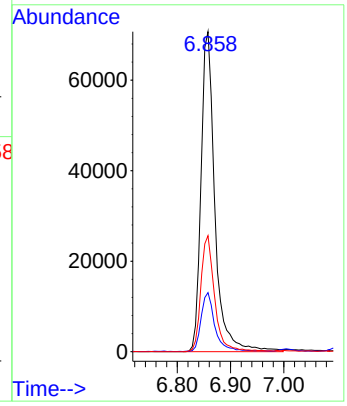


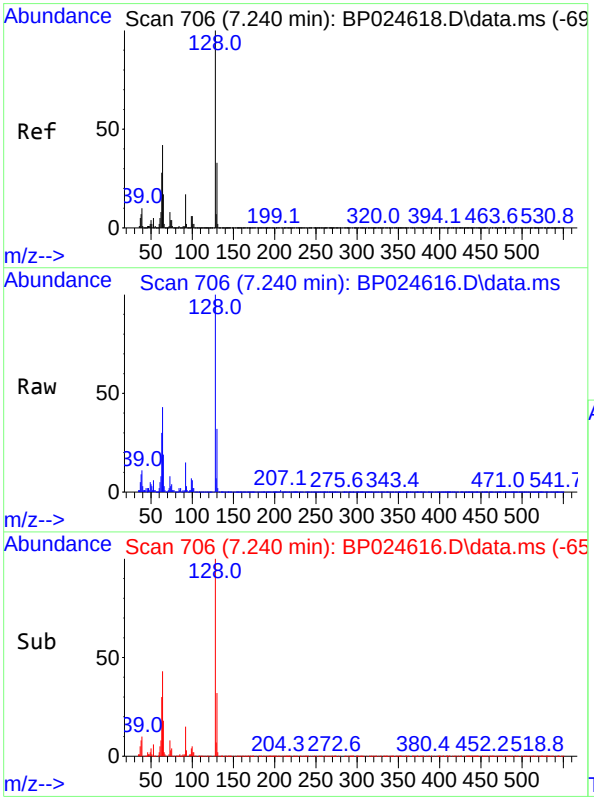
#7
Phenol-d6
Concen: 18.01 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

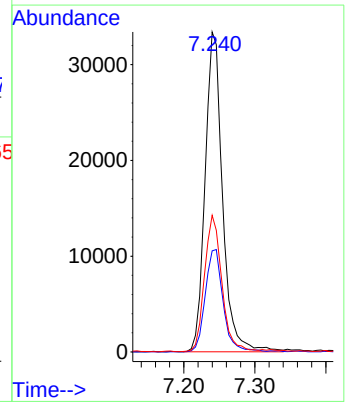


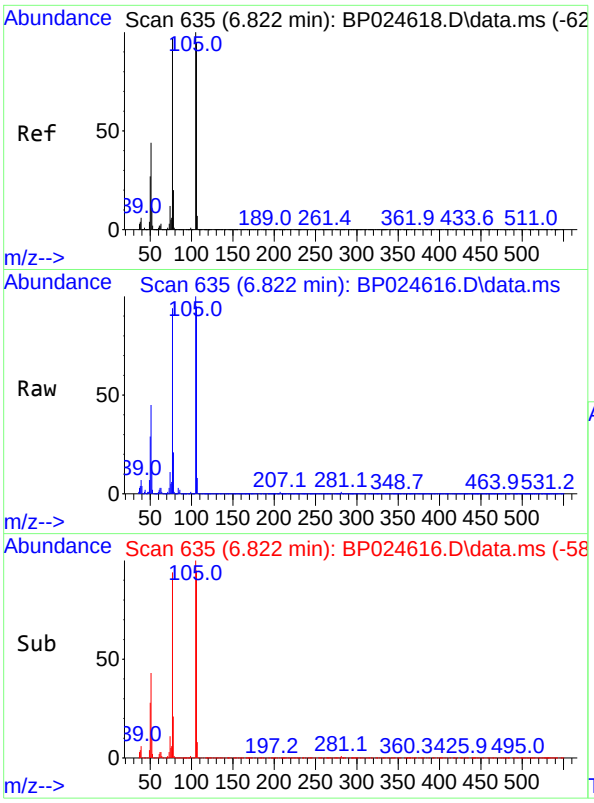


#8
2-Chlorophenol
Concen: 9.07 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



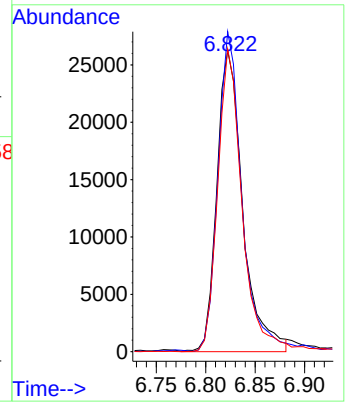


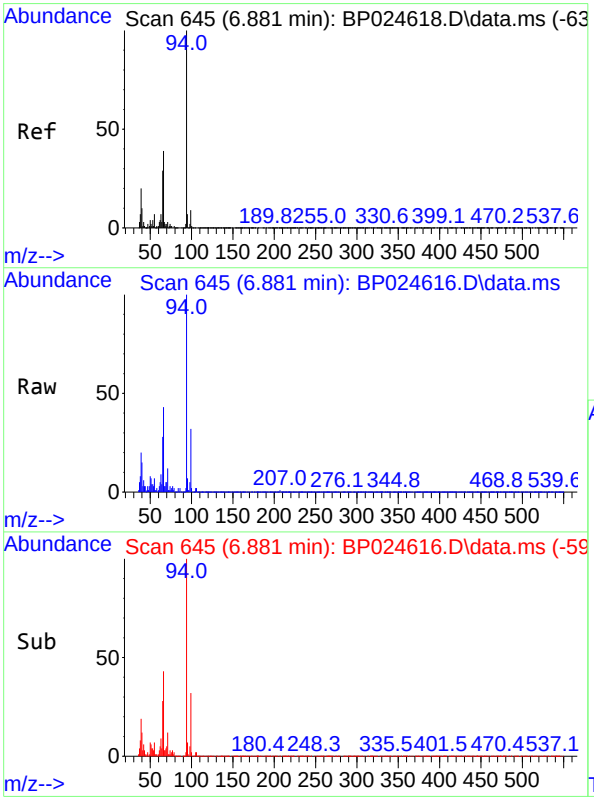
#9
Benzaldehyde
Concen: 10.45 ng m
RT: 6.822 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

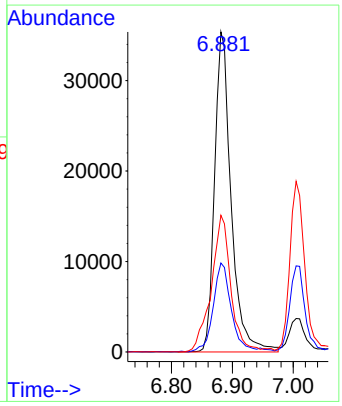


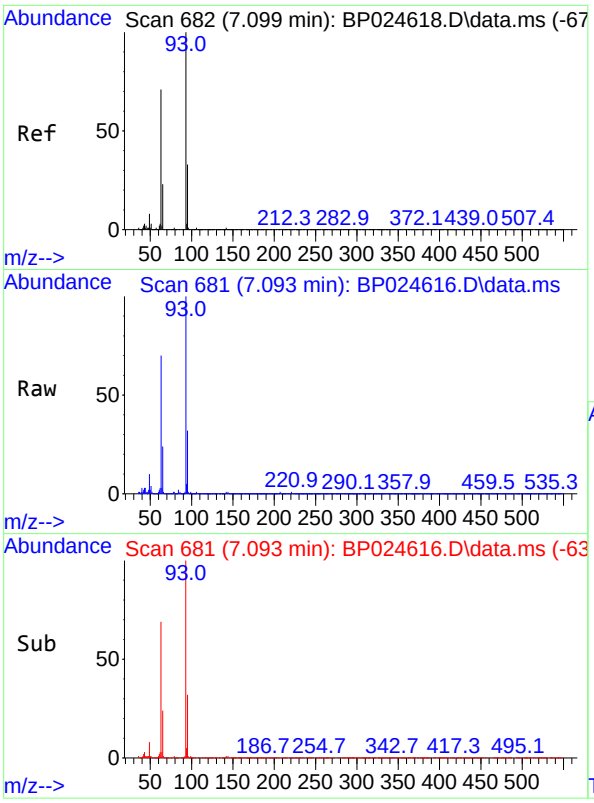


#10
Phenol
Concen: 9.09 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



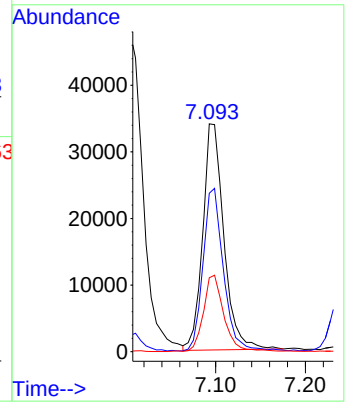


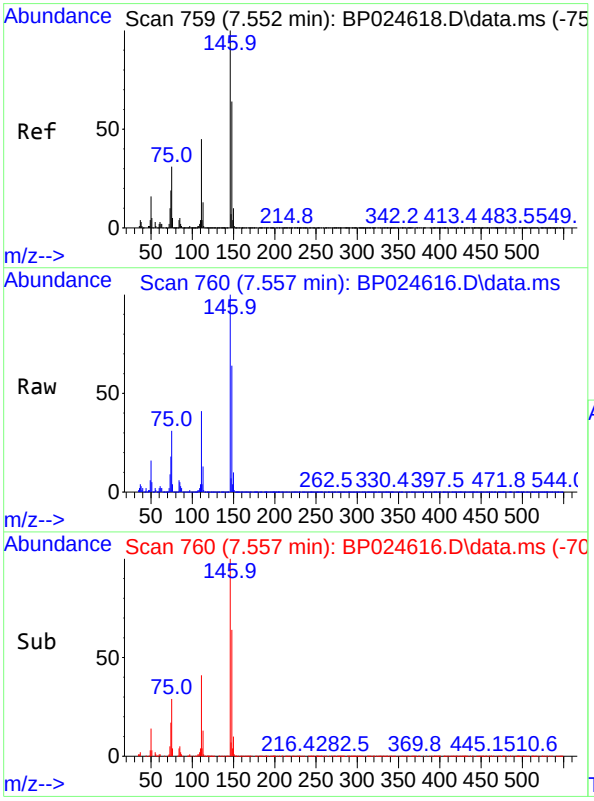
#11
bis(2-Chloroethyl)ether
Concen: 9.25 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

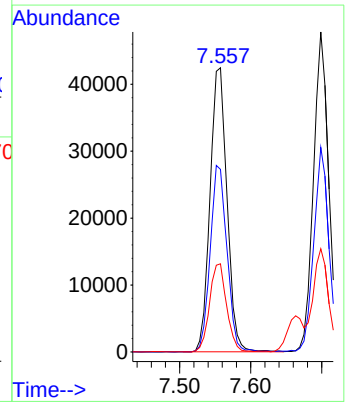


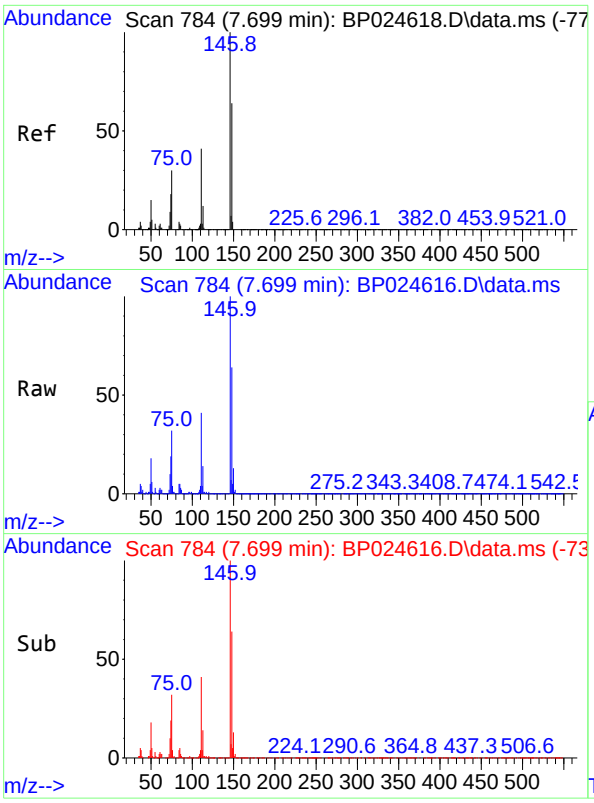


#12
1,3-Dichlorobenzene
Concen: 9.73 ng
RT: 7.557 min Scan# 760
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



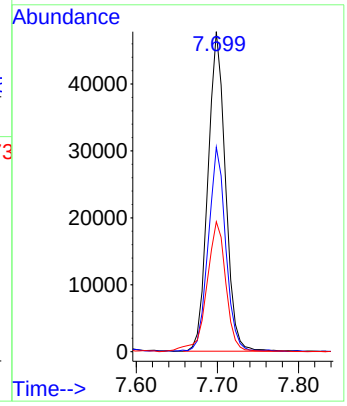


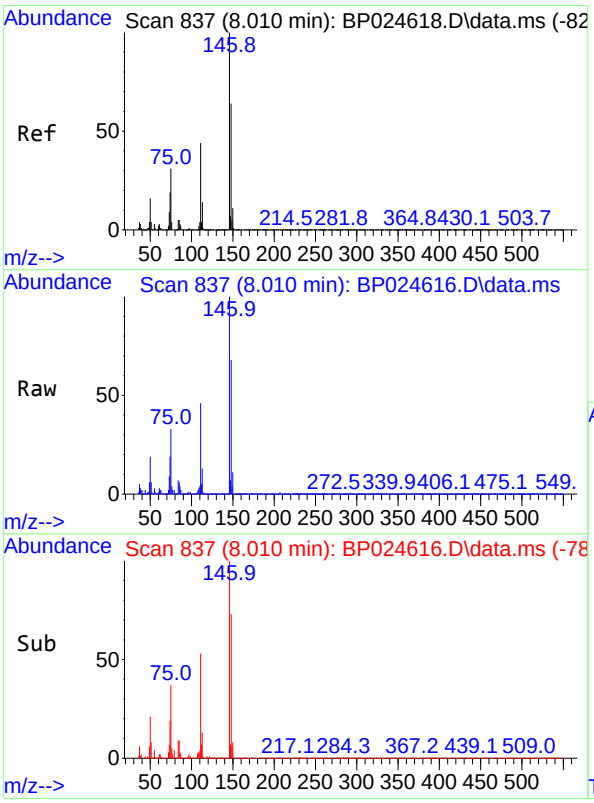
#13
1,4-Dichlorobenzene
Concen: 9.80 ng
RT: 7.699 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

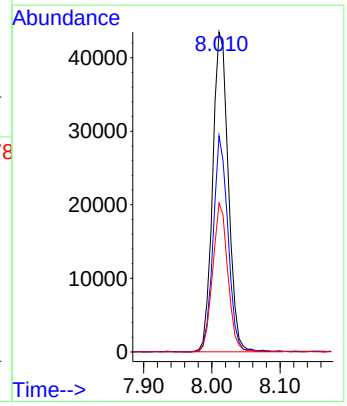


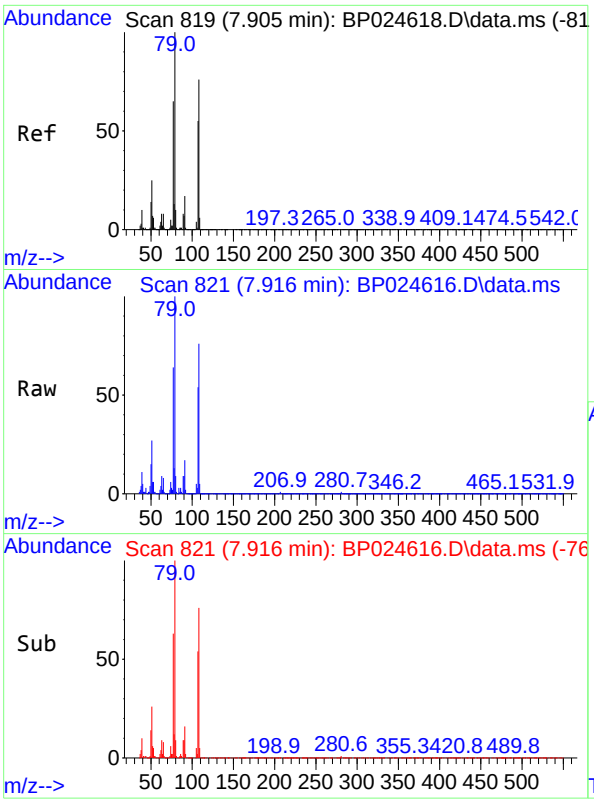


#14
1,2-Dichlorobenzene
Concen: 9.80 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



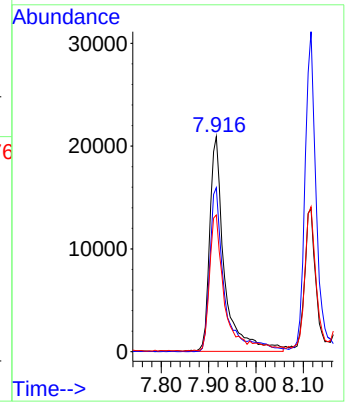


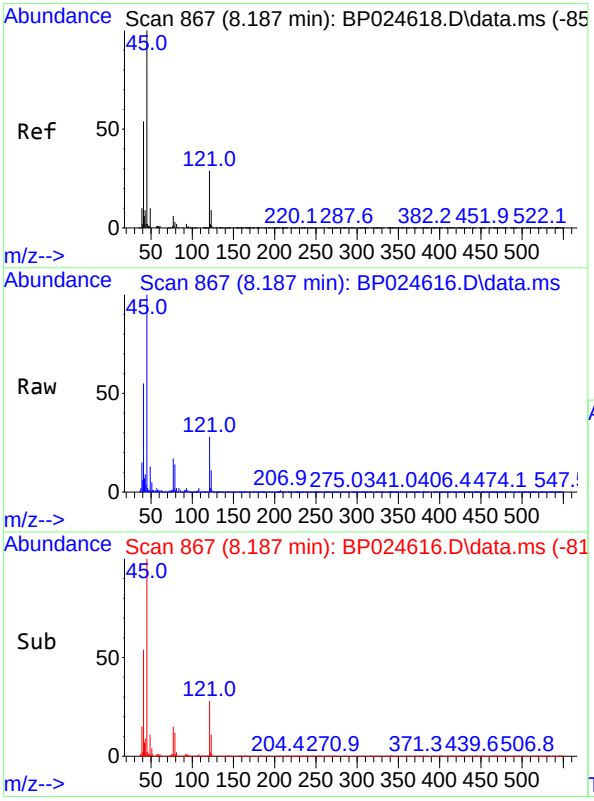
#15
Benzyl Alcohol
Concen: 8.37 ng
RT: 7.916 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

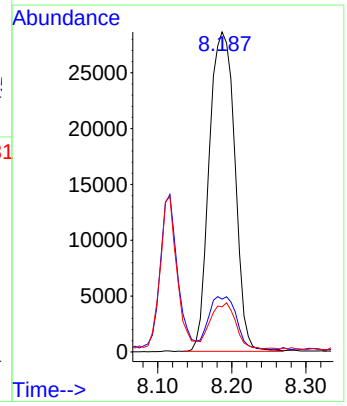


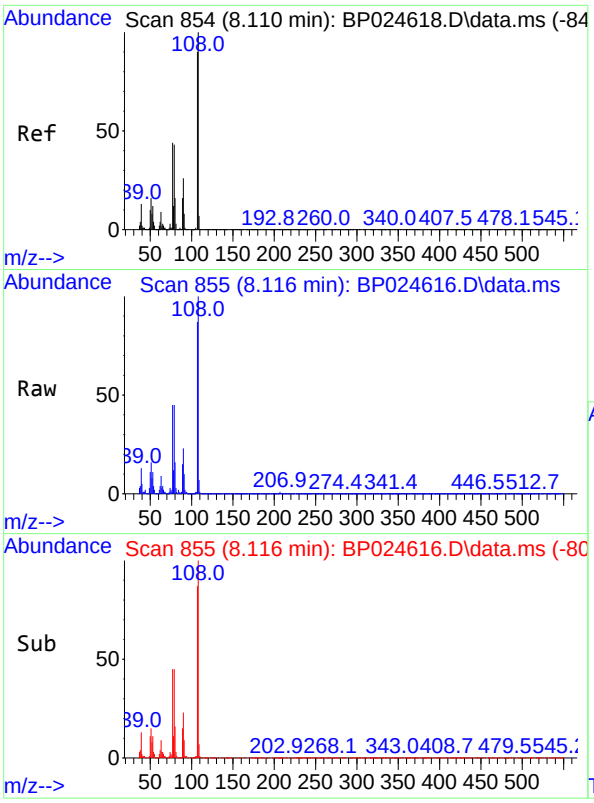


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.53 ng
RT: 8.187 min Scan# 867
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



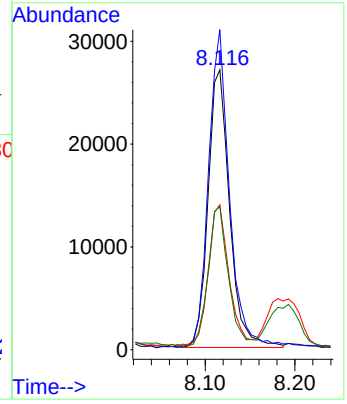


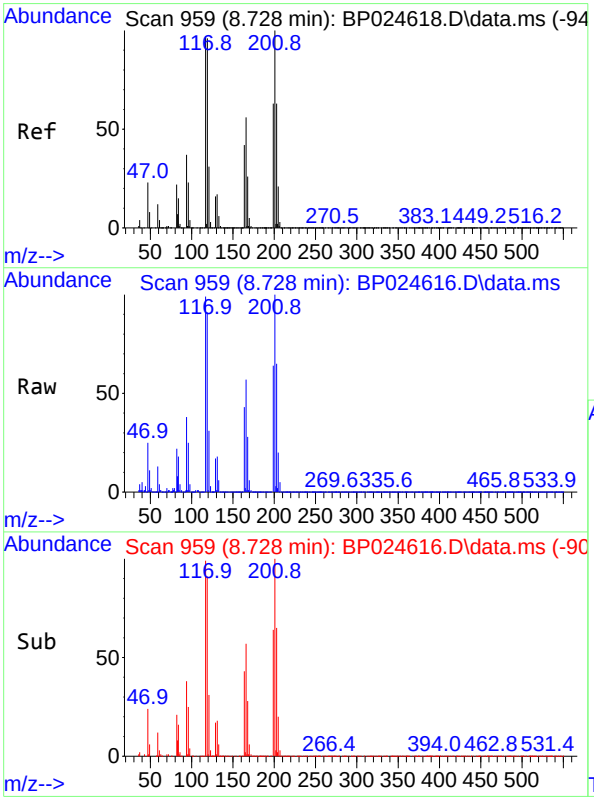
#17
2-Methylphenol
Concen: 8.59 ng
RT: 8.116 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

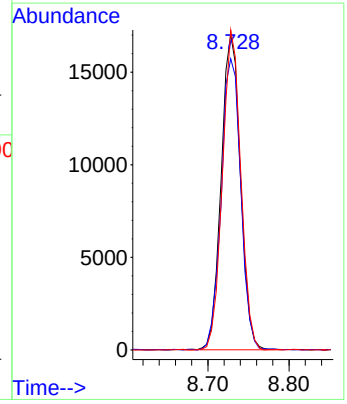


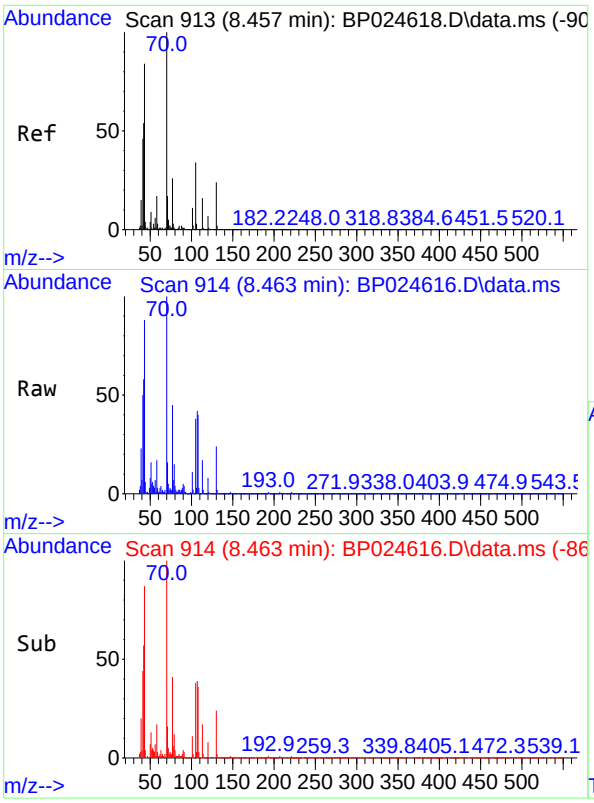


#18
Hexachloroethane
Concen: 10.05 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



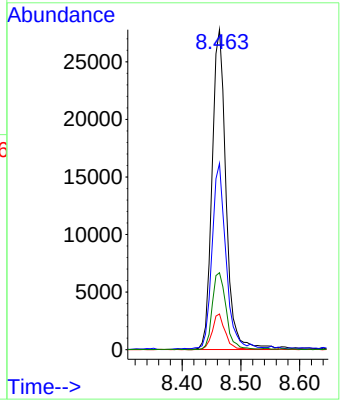


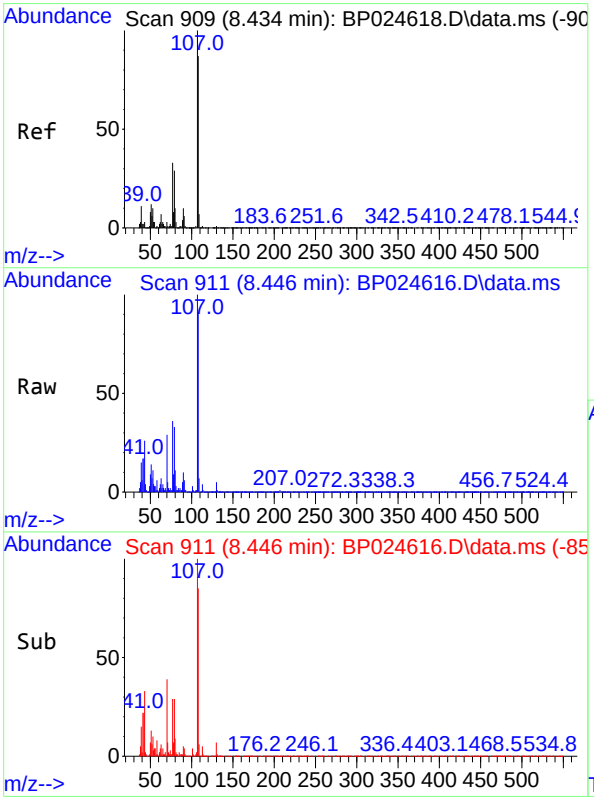
#19
n-Nitroso-di-n-propylamine
Concen: 9.37 ng
RT: 8.463 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

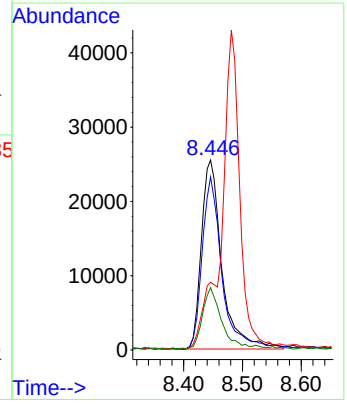


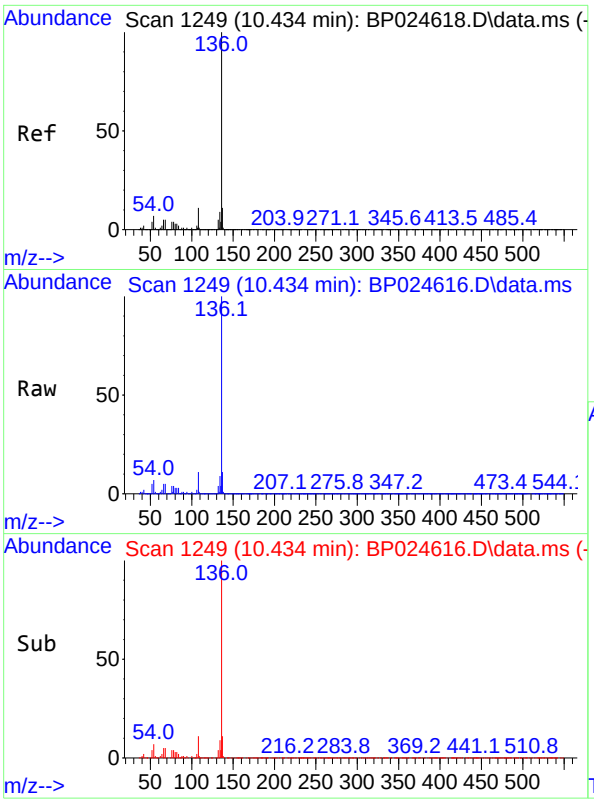


#20
3+4-Methylphenols
Concen: 8.66 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



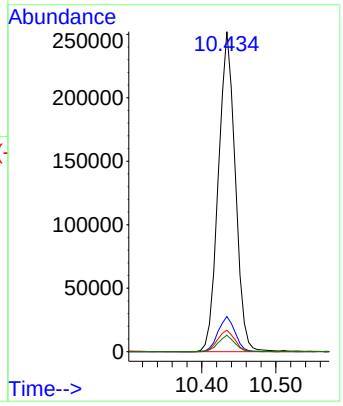


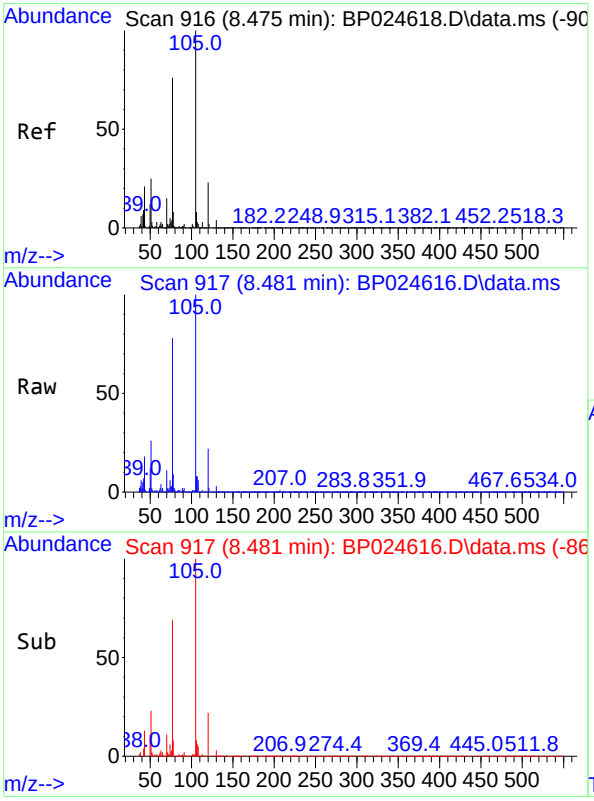
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

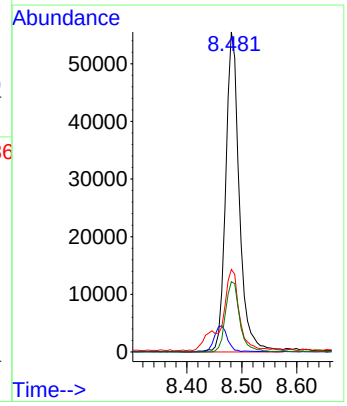


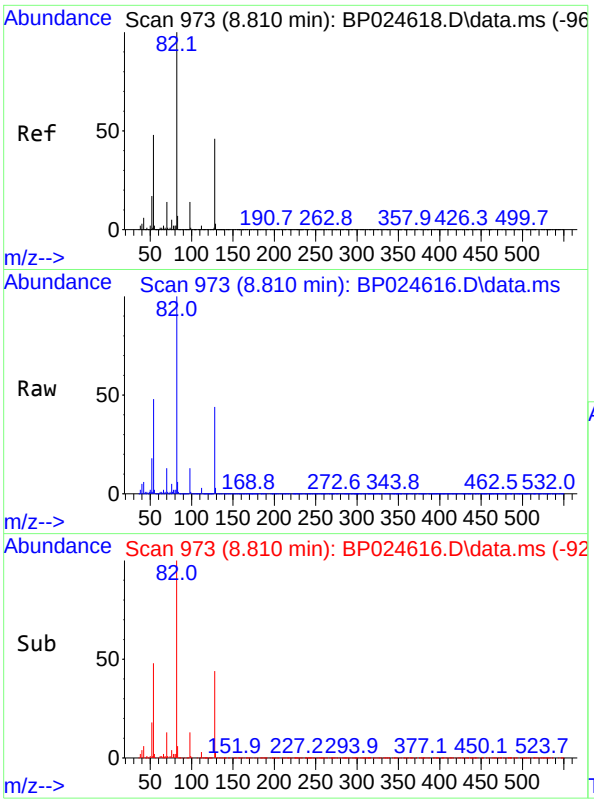


#22
Acetophenone
Concen: 9.62 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



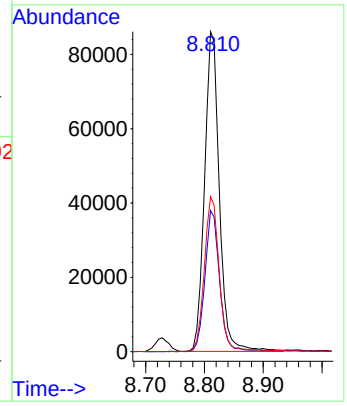


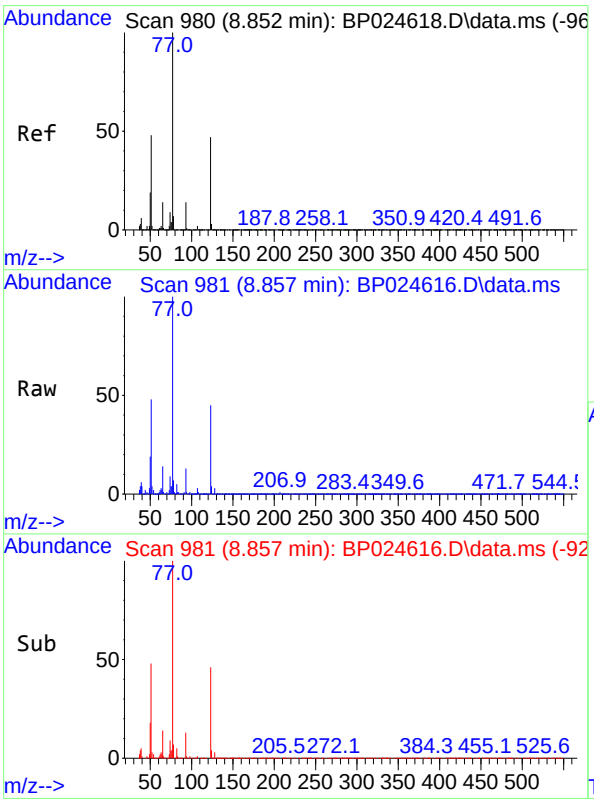
#23
Nitrobenzene-d5
Concen: 19.00 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

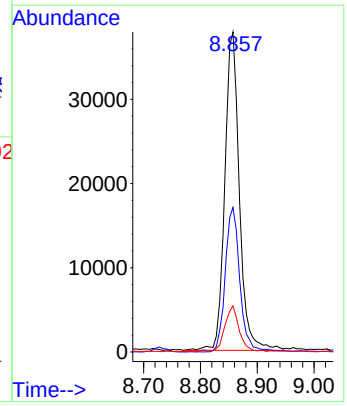


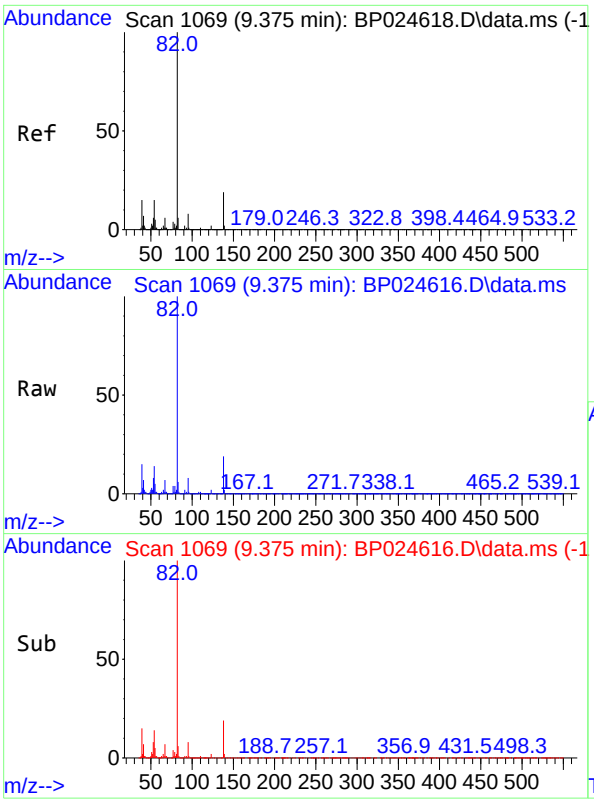


#24
Nitrobenzene
Concen: 9.76 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



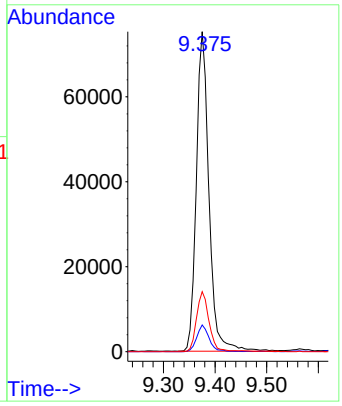


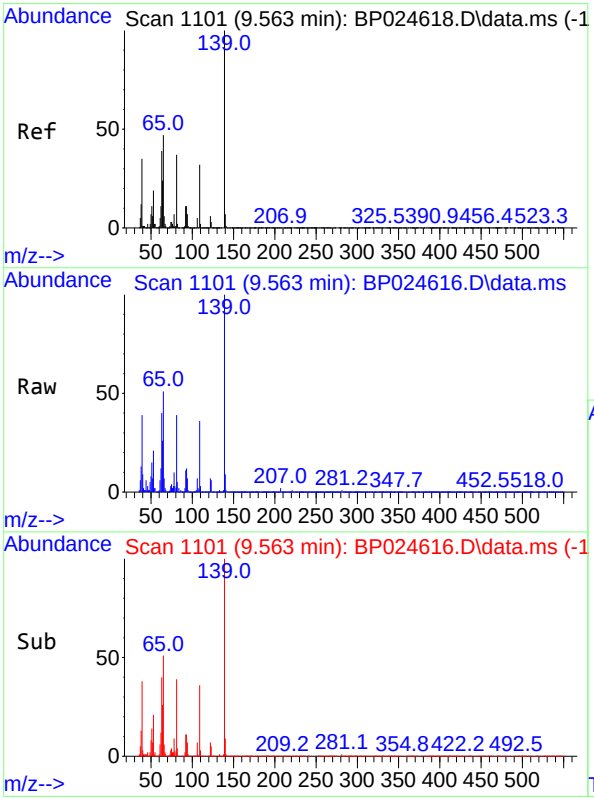
#25
Isophorone
Concen: 9.31 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

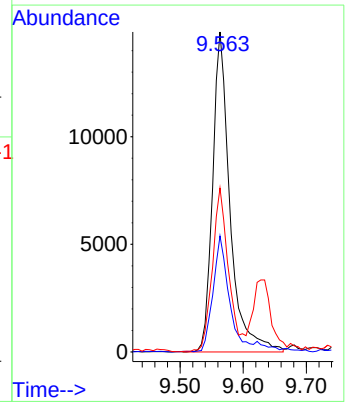


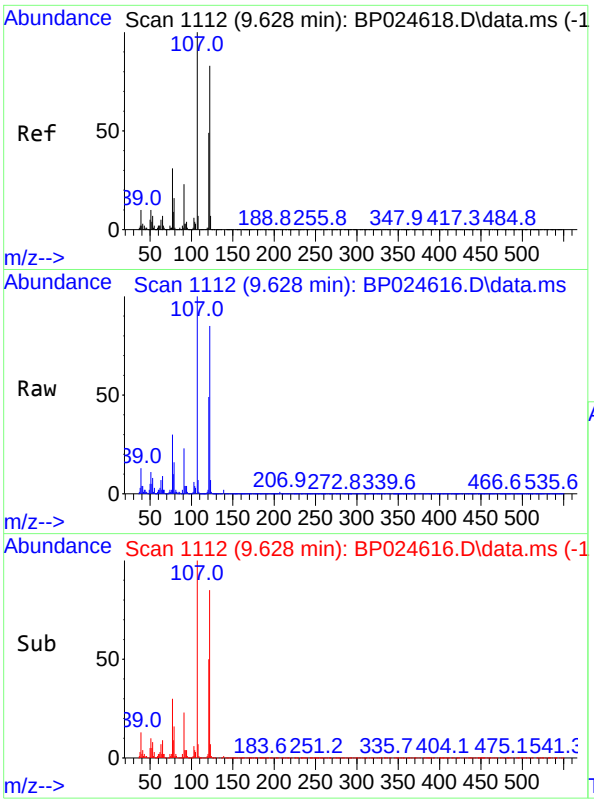


#26
2-Nitrophenol
Concen: 8.37 ng
RT: 9.563 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



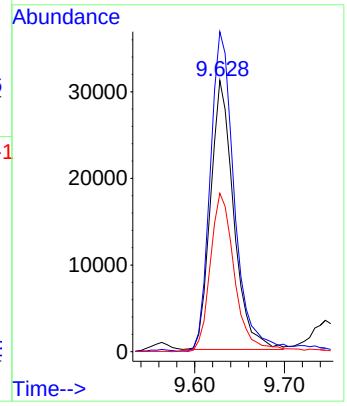


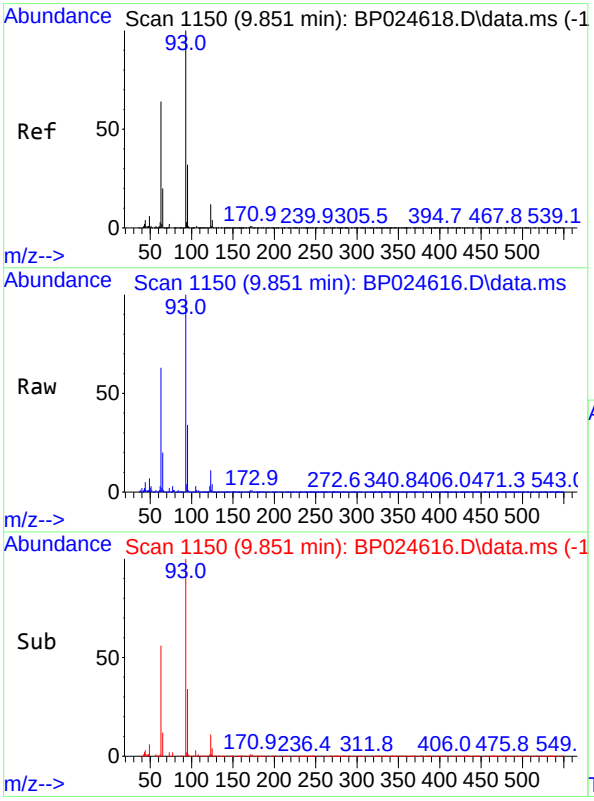
#27
2,4-Dimethylphenol
Concen: 9.28 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

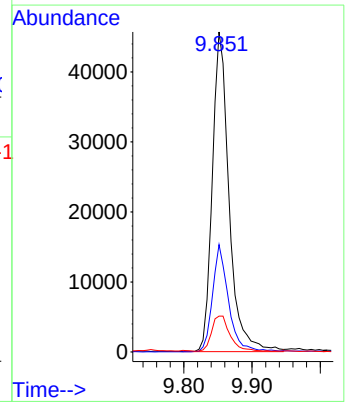


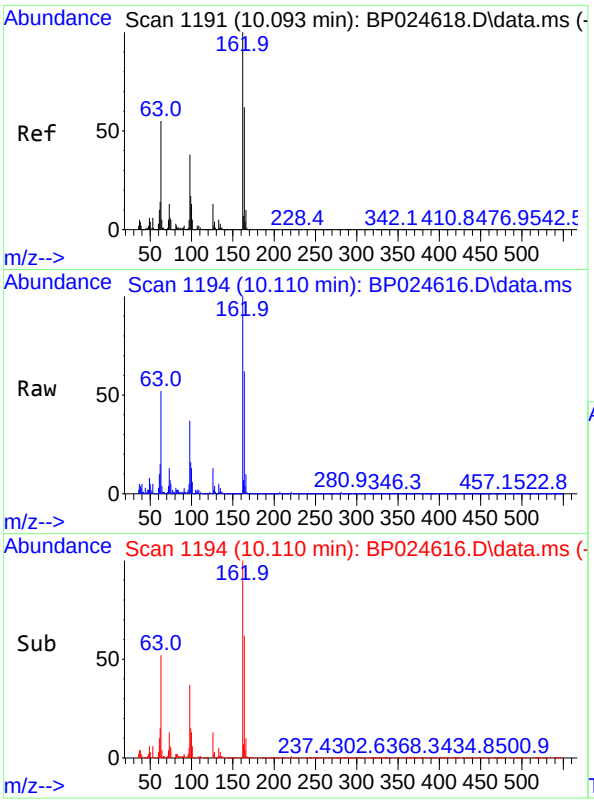


#28
bis(2-Chloroethoxy)methane
Concen: 9.54 ng
RT: 9.851 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



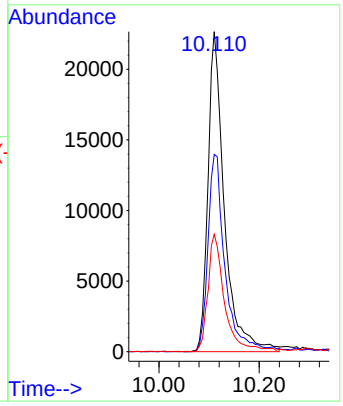


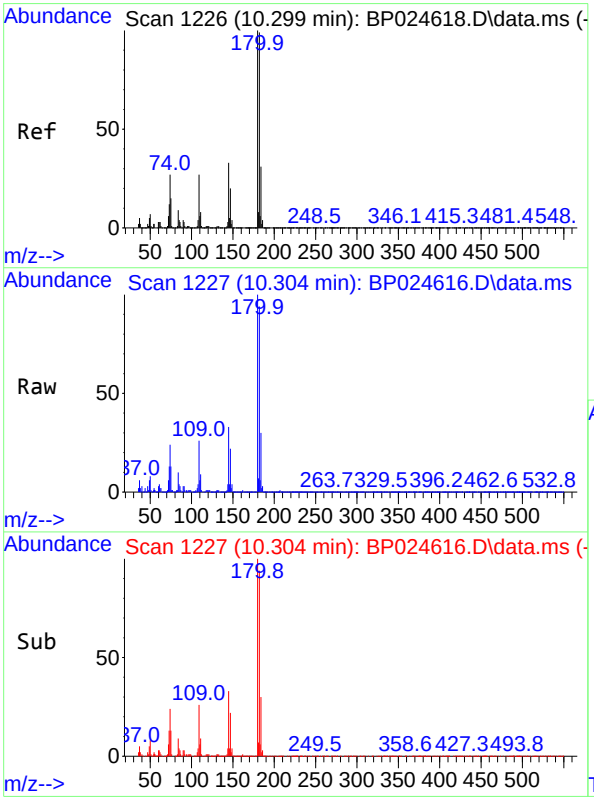
#29
2,4-Dichlorophenol
Concen: 8.84 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

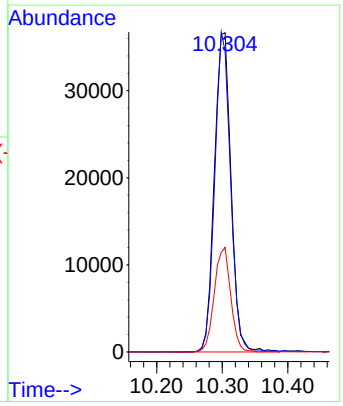


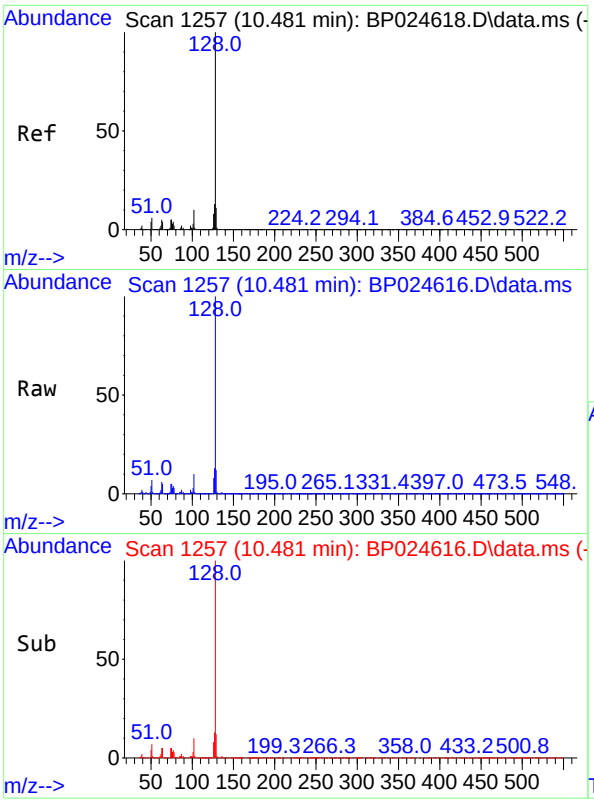


#30
1,2,4-Trichlorobenzene
Concen: 9.81 ng
RT: 10.304 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



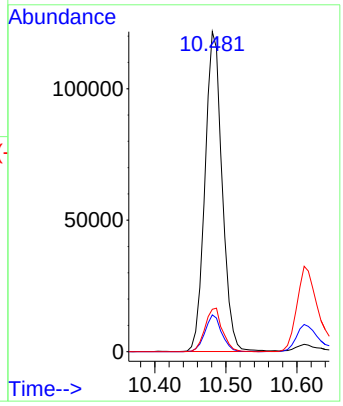


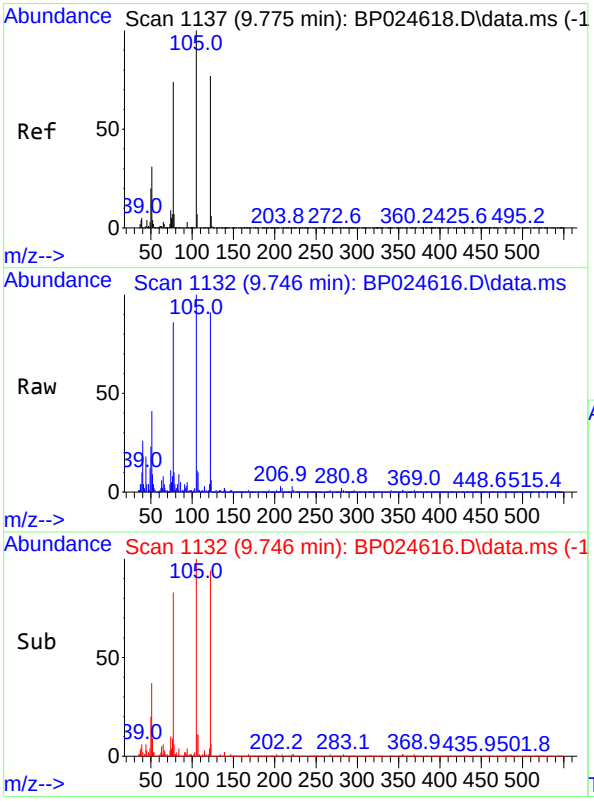
#31
Naphthalene
Concen: 9.90 ng
RT: 10.481 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

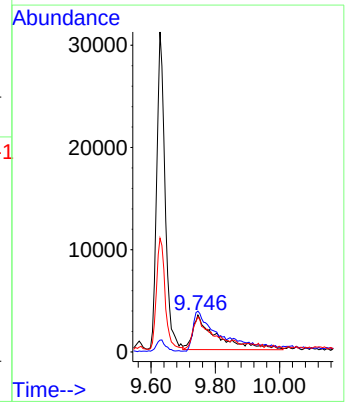


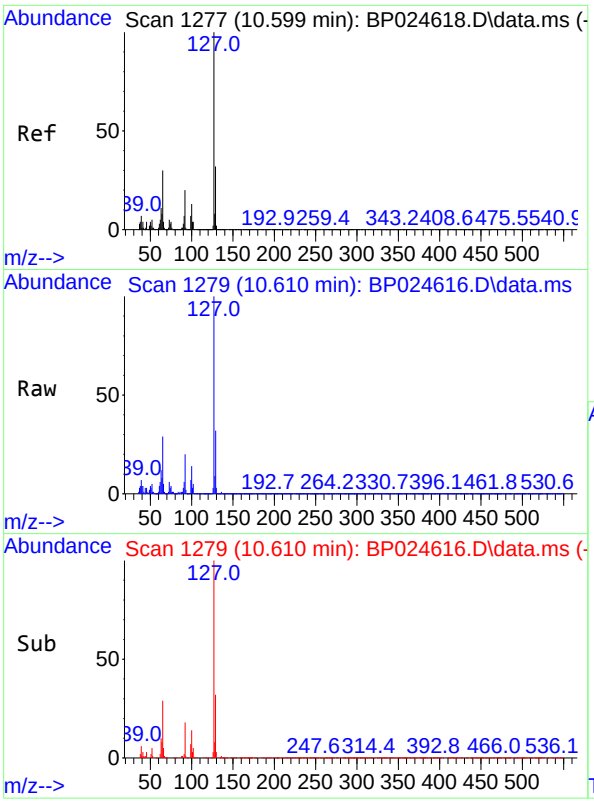


#32
Benzoic acid
Concen: 10.42 ng m
RT: 9.746 min Scan# 1132
Delta R.T. -0.029 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



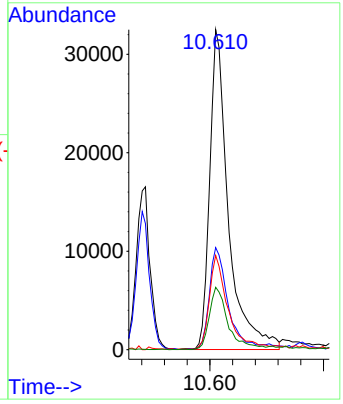


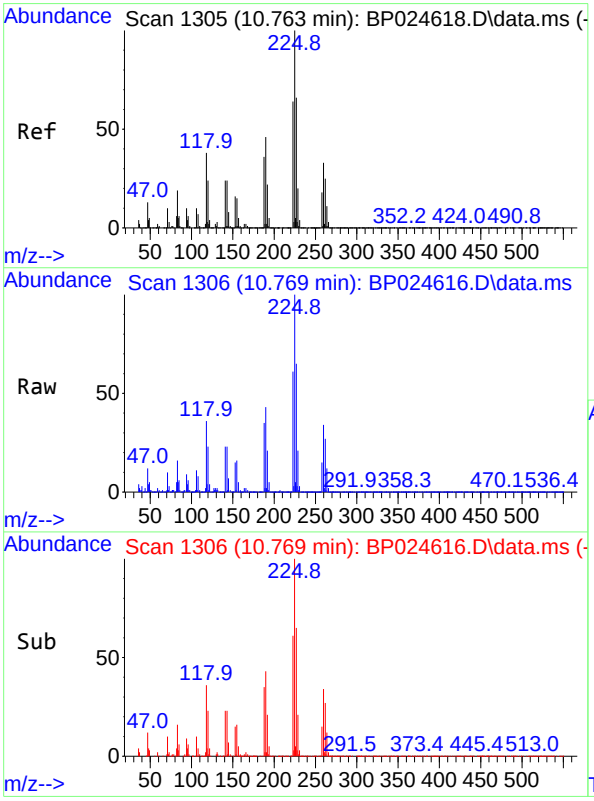
#33
4-Chloroaniline
Concen: 8.88 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

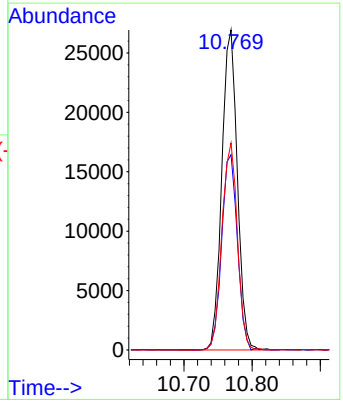


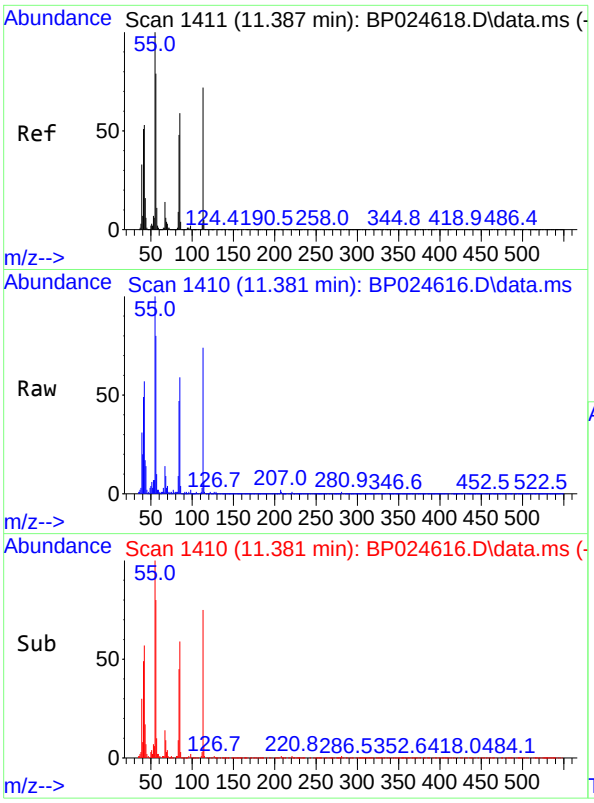


#34
Hexachlorobutadiene
Concen: 10.03 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



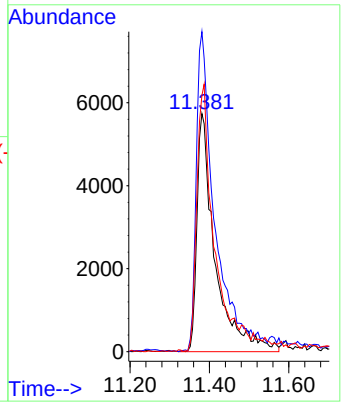


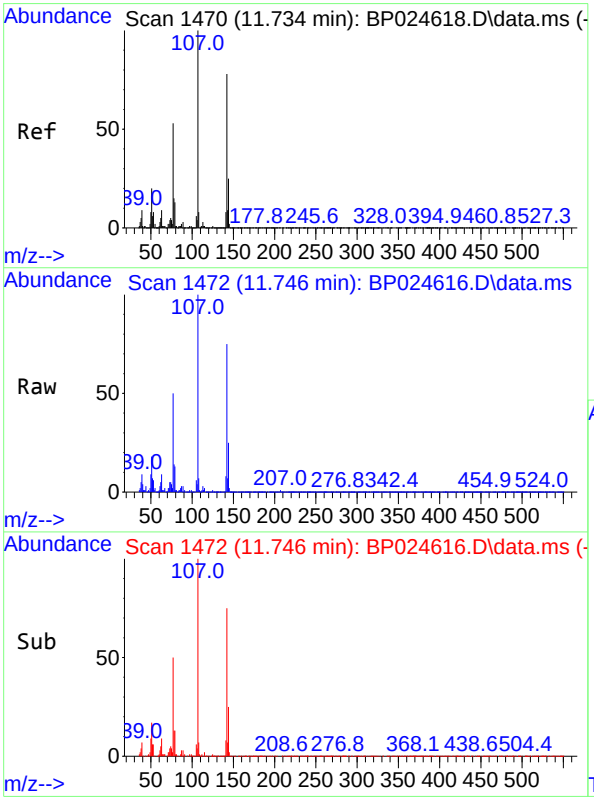
#35
Caprolactam
Concen: 8.68 ng m
RT: 11.381 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

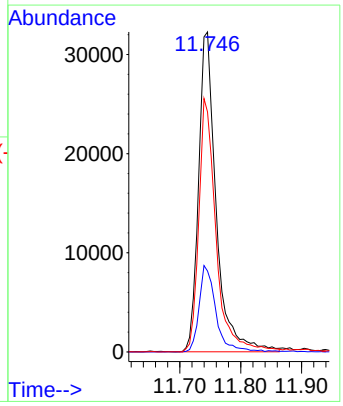


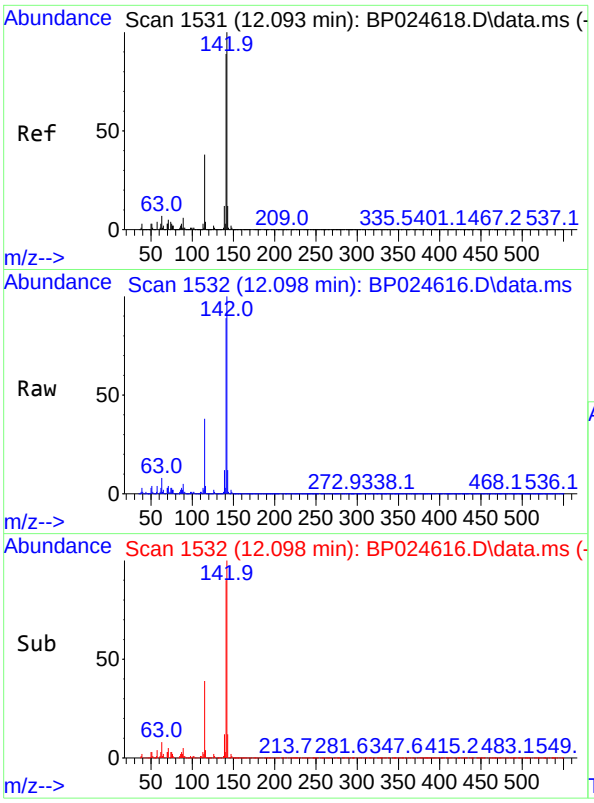


#36
4-Chloro-3-methylphenol
Concen: 9.15 ng
RT: 11.746 min Scan# 1472
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



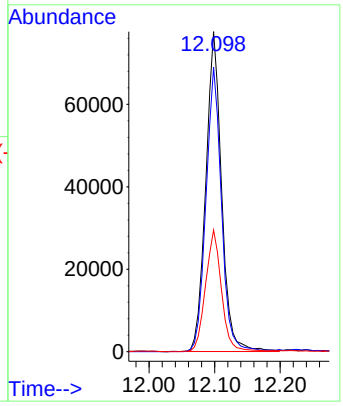


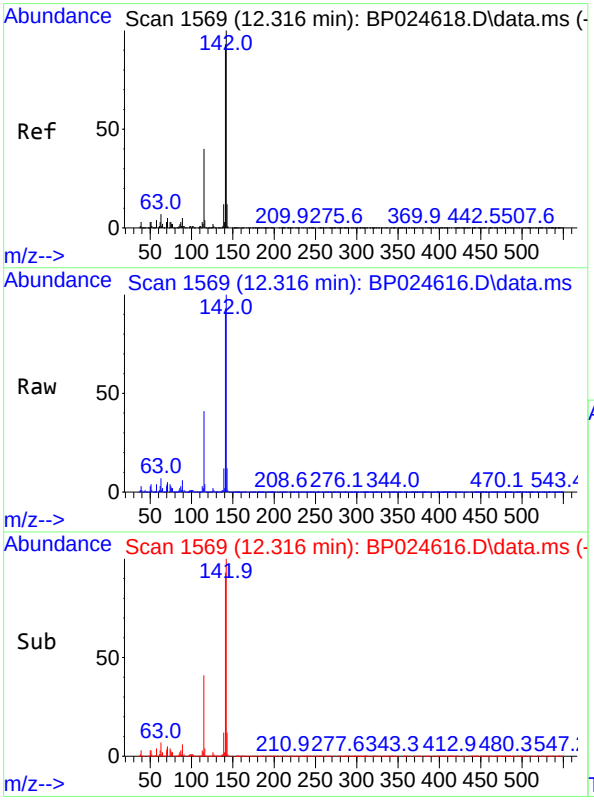
#37
2-Methylnaphthalene
Concen: 9.75 ng
RT: 12.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

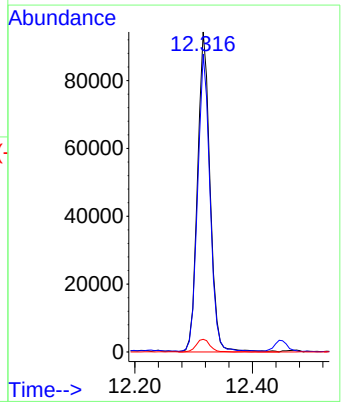


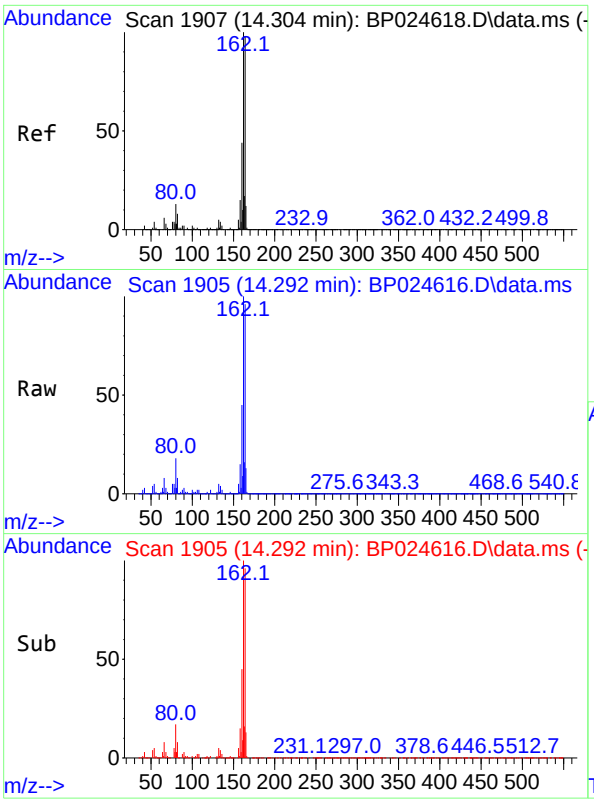


#38
1-Methylnaphthalene
Concen: 9.75 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



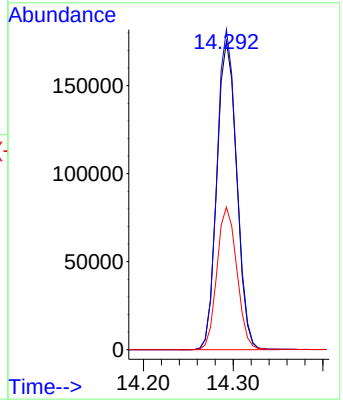


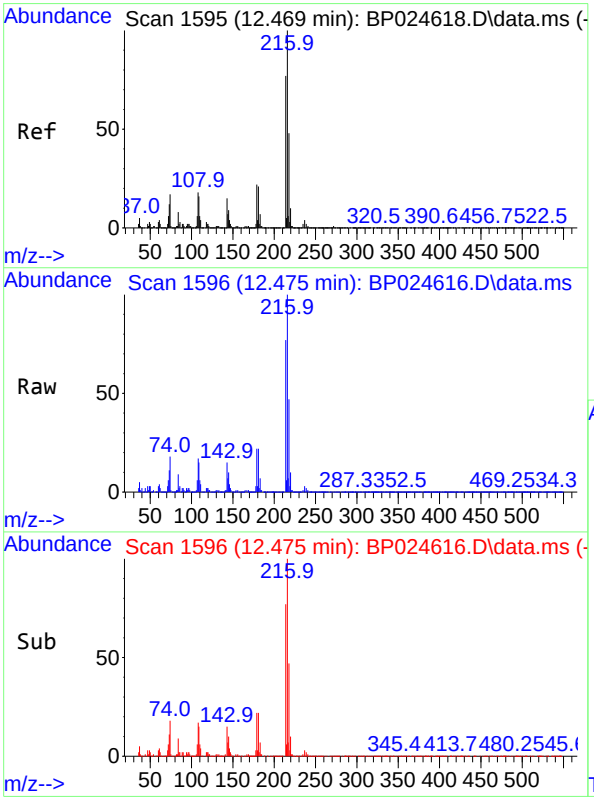
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

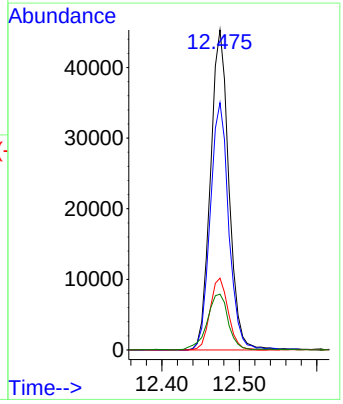


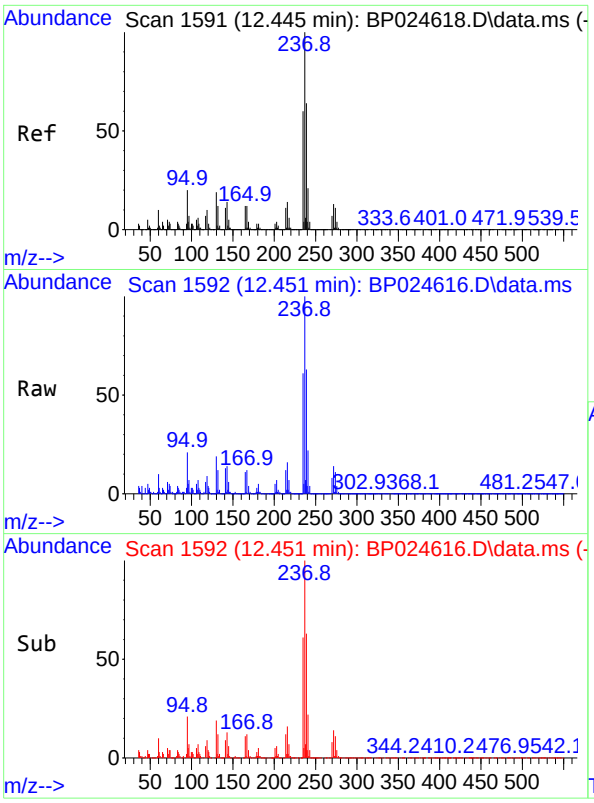


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.60 ng
RT: 12.475 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



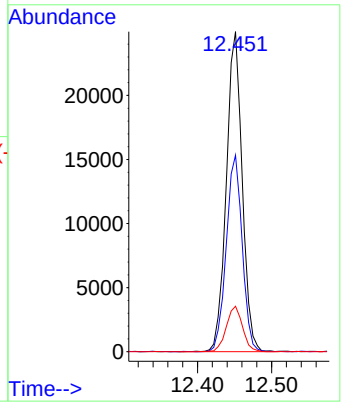


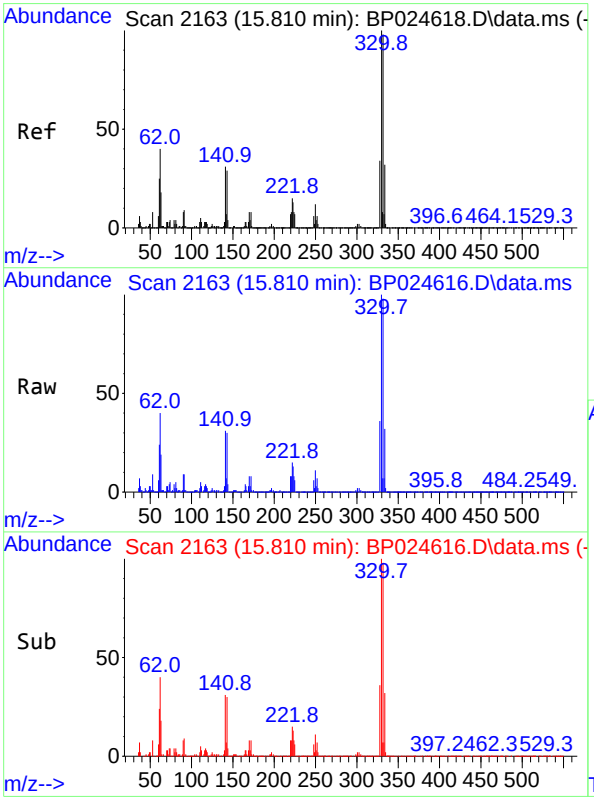
#41
Hexachlorocyclopentadiene
Concen: 7.85 ng
RT: 12.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

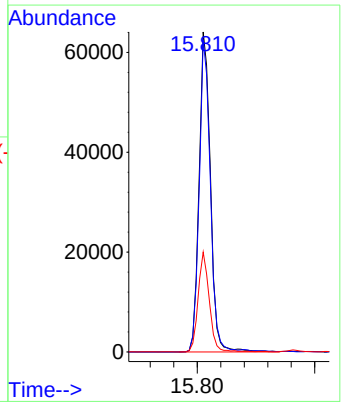


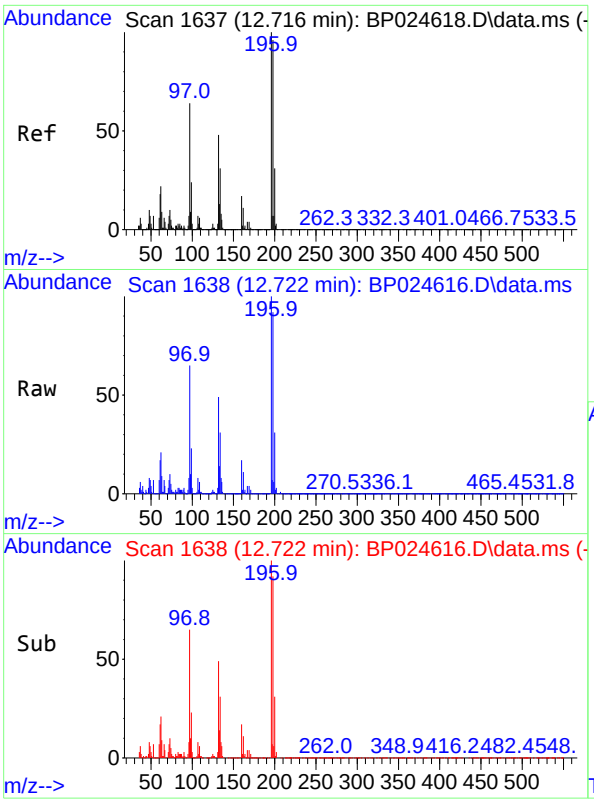


#42
2,4,6-Tribromophenol
Concen: 18.93 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



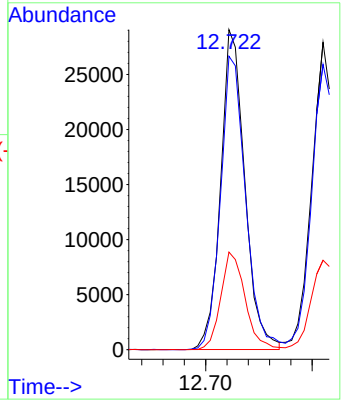


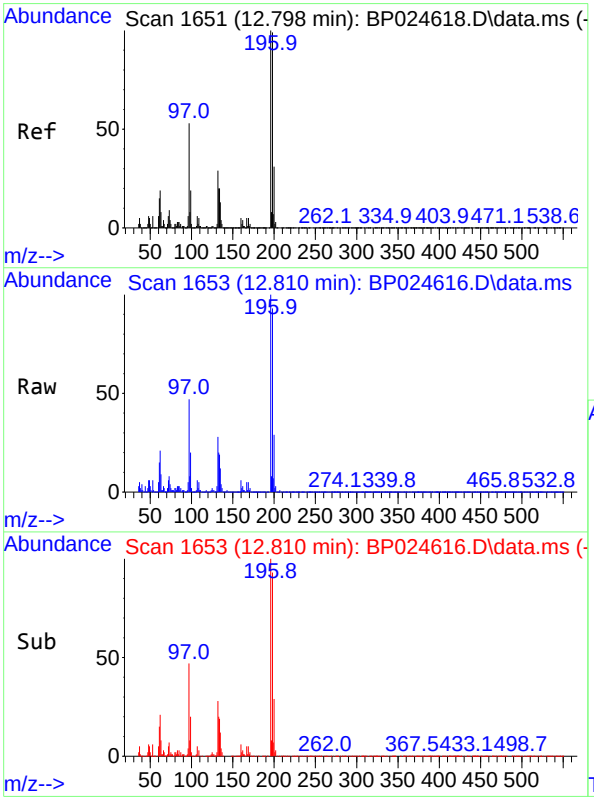
#43
2,4,6-Trichlorophenol
Concen: 9.07 ng
RT: 12.722 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

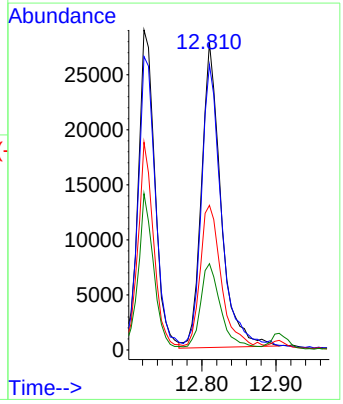


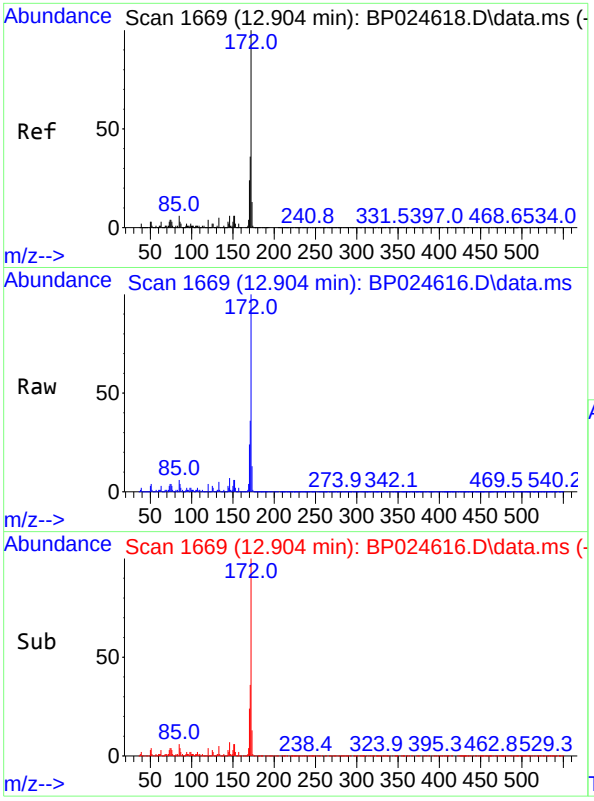


#44
2,4,5-Trichlorophenol
Concen: 8.96 ng
RT: 12.810 min Scan# 1653
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



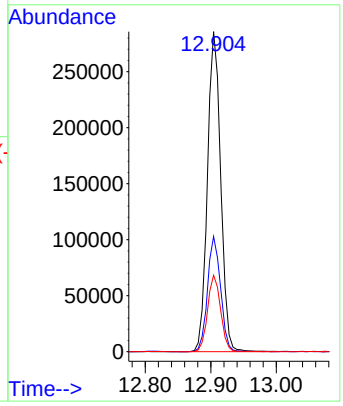


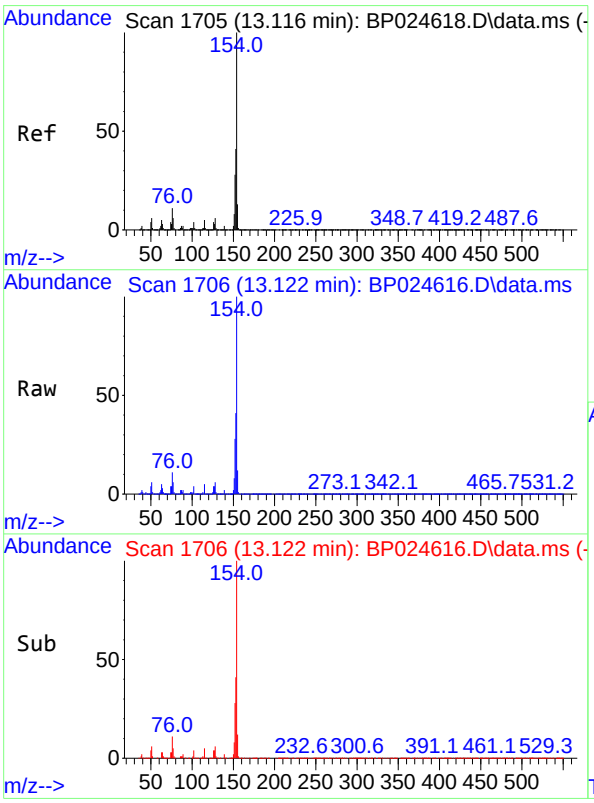
#45
2-Fluorobiphenyl
Concen: 19.63 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

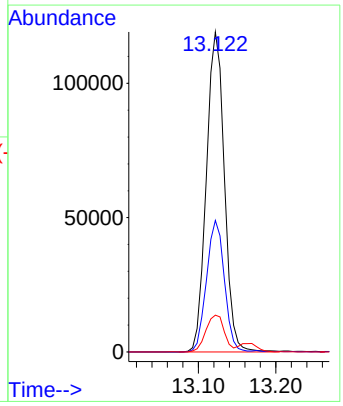


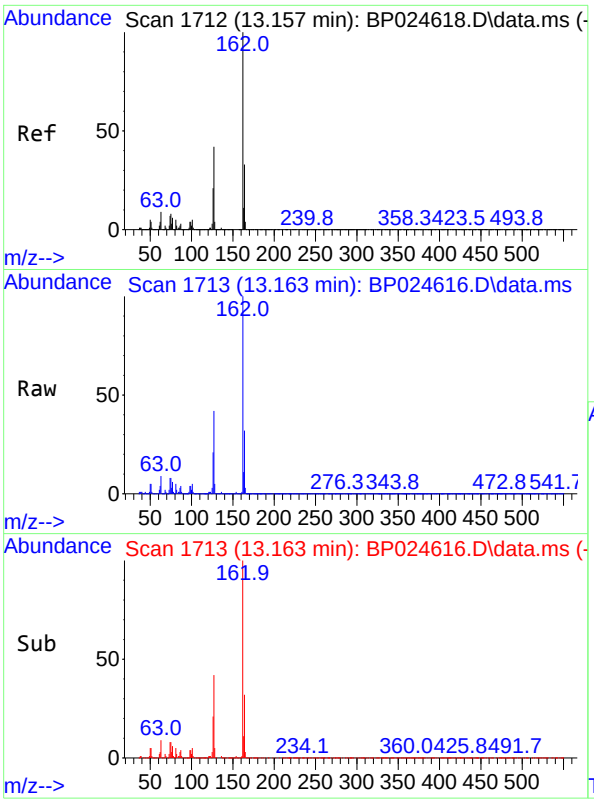


#46
1,1'-Biphenyl
Concen: 9.70 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



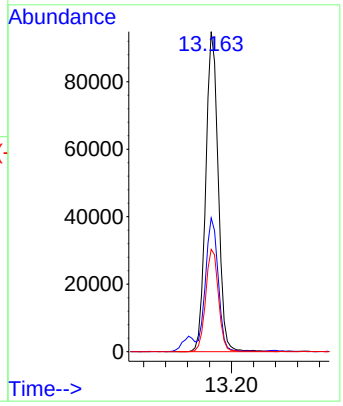


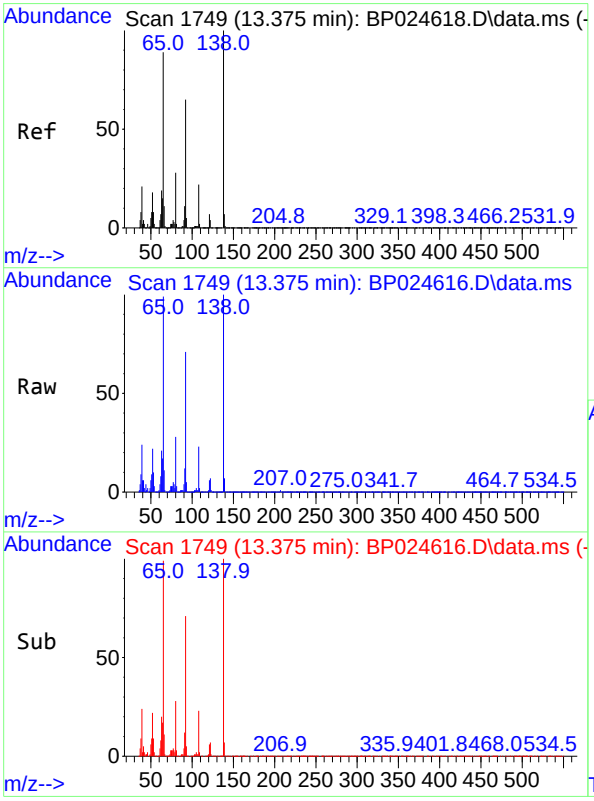
#47
2-Chloronaphthalene
Concen: 9.82 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

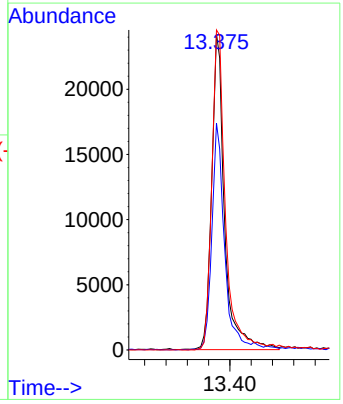


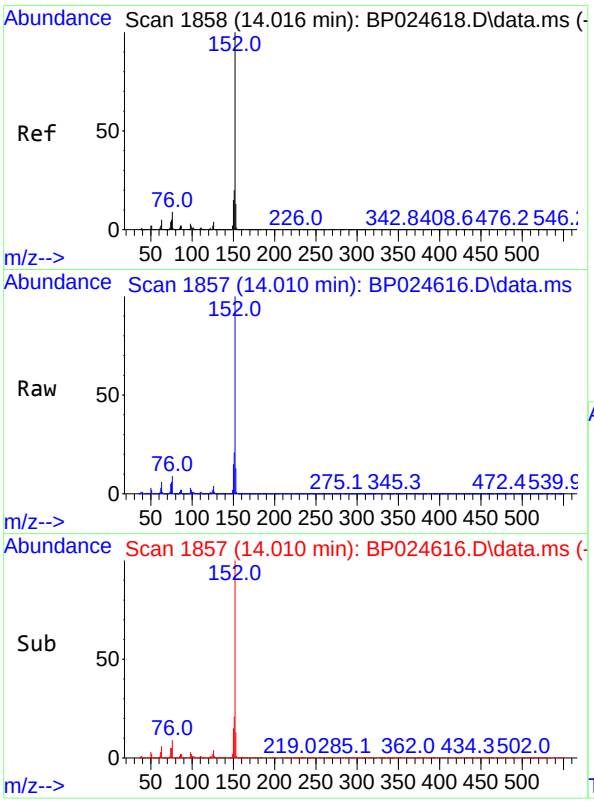


#48
2-Nitroaniline
Concen: 9.11 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



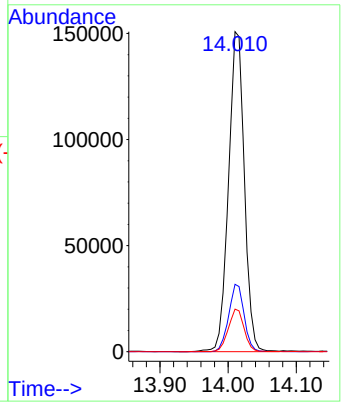


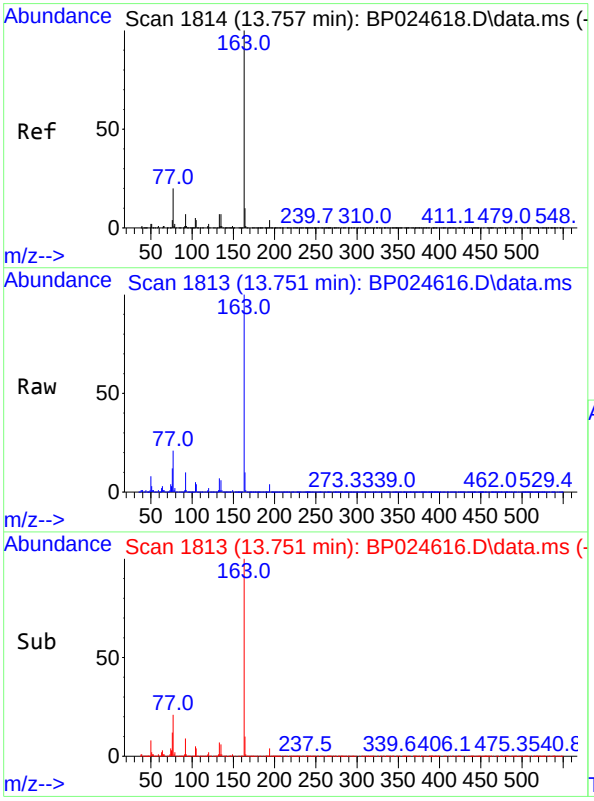
#49
Acenaphthylene
Concen: 9.64 ng
RT: 14.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

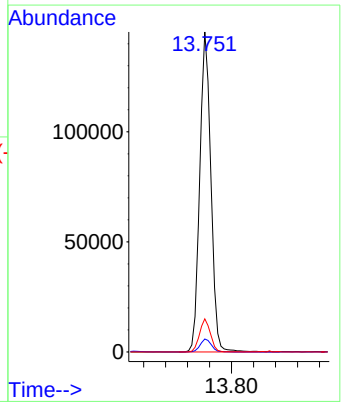


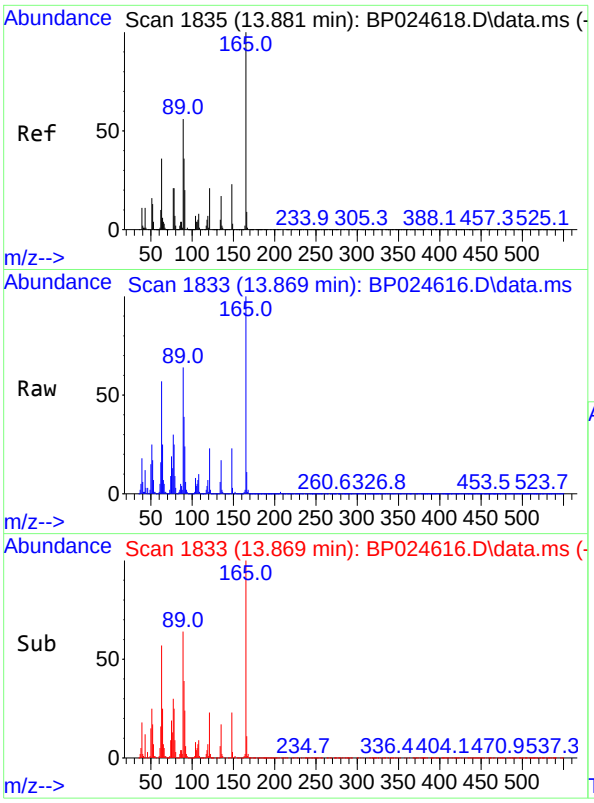


#50
Dimethylphthalate
Concen: 10.01 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



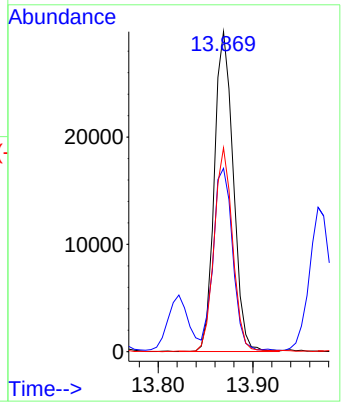


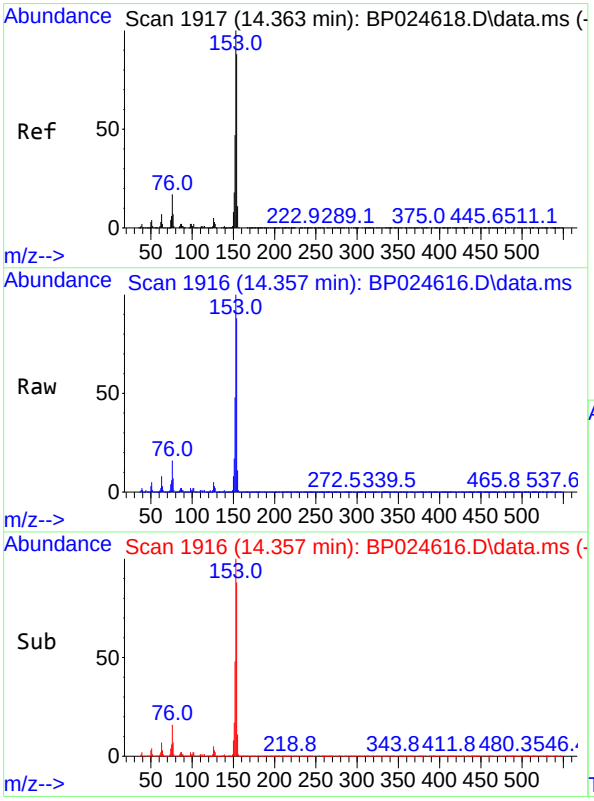
#51
2,6-Dinitrotoluene
Concen: 9.55 ng
RT: 13.869 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

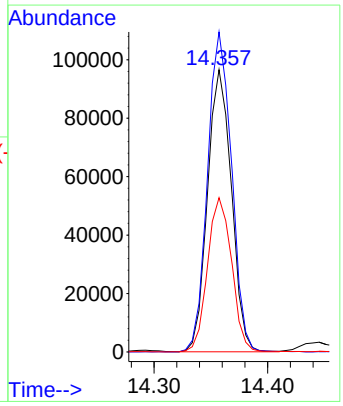


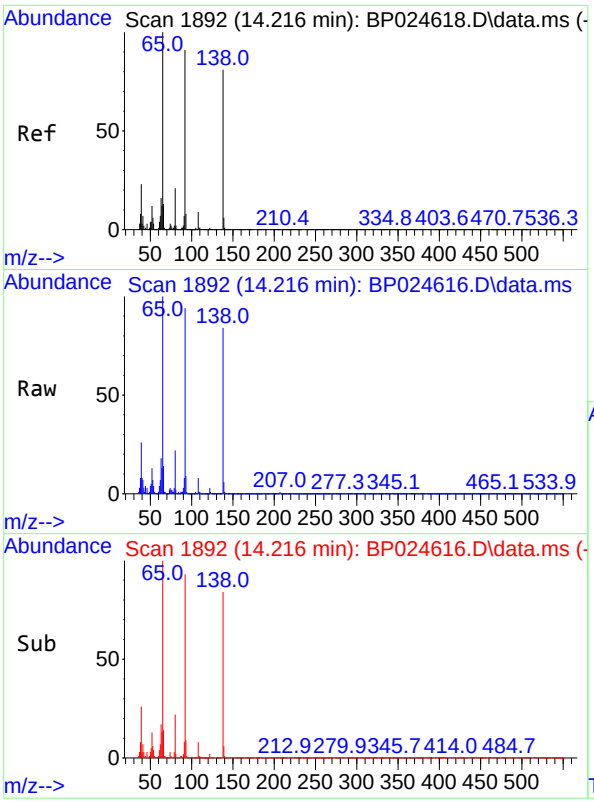


#52
Acenaphthene
Concen: 9.72 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



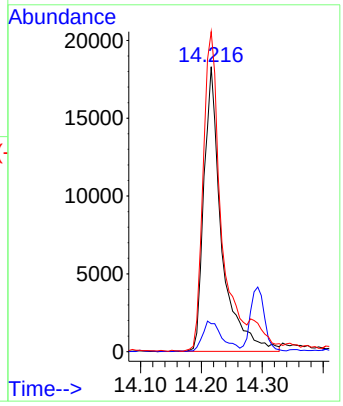


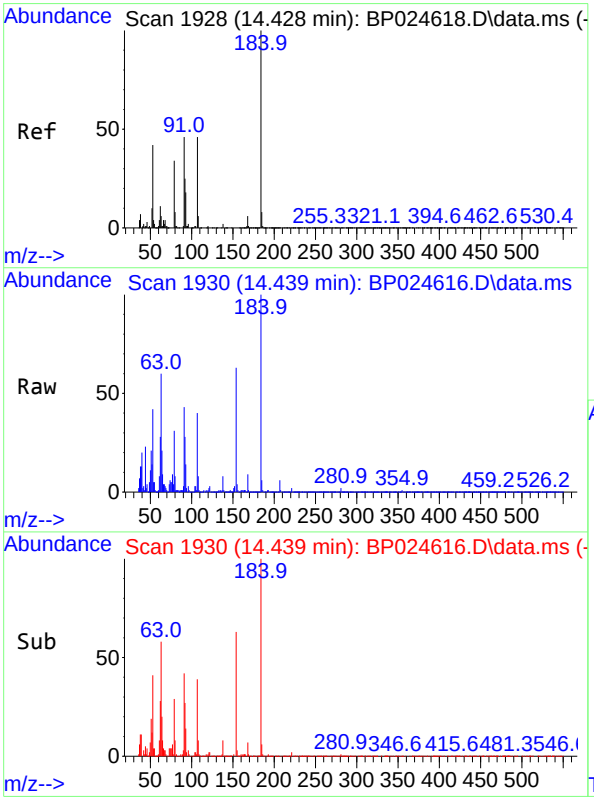
#53
3-Nitroaniline
Concen: 8.37 ng
RT: 14.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

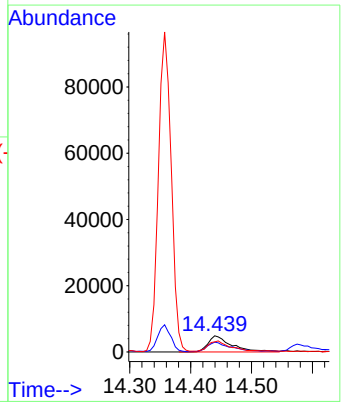


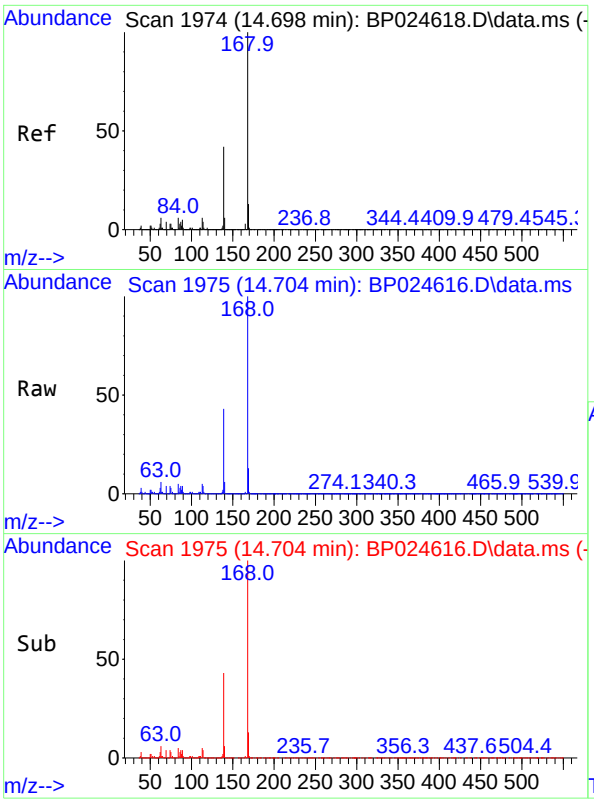


#54
2,4-Dinitrophenol
Concen: 10.84 ng
RT: 14.439 min Scan# 1930
Delta R.T. 0.011 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



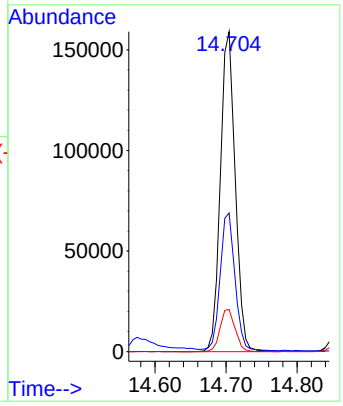


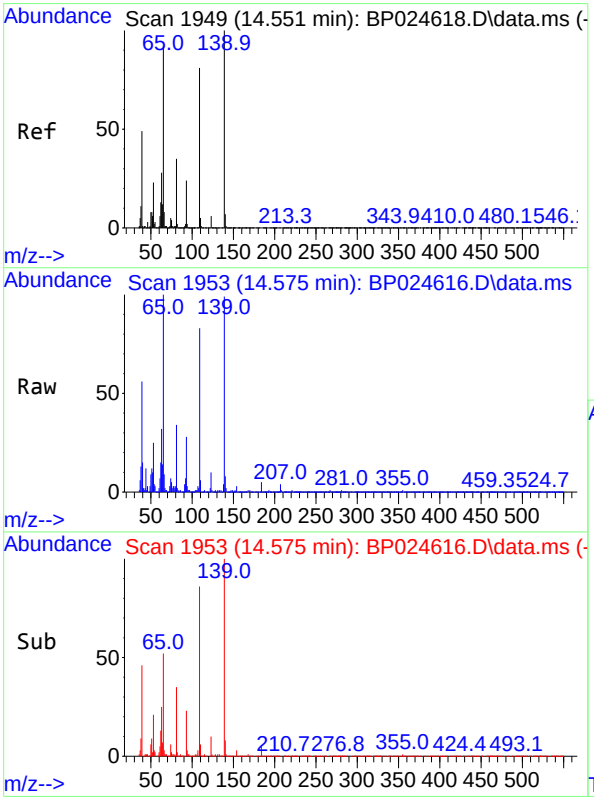
#55
Dibenzofuran
Concen: 9.92 ng
RT: 14.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

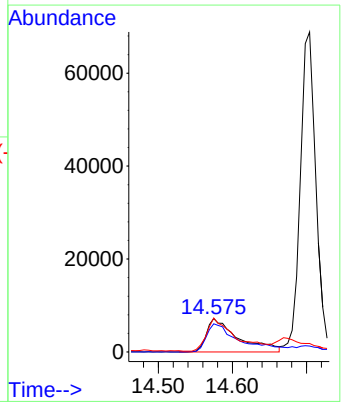


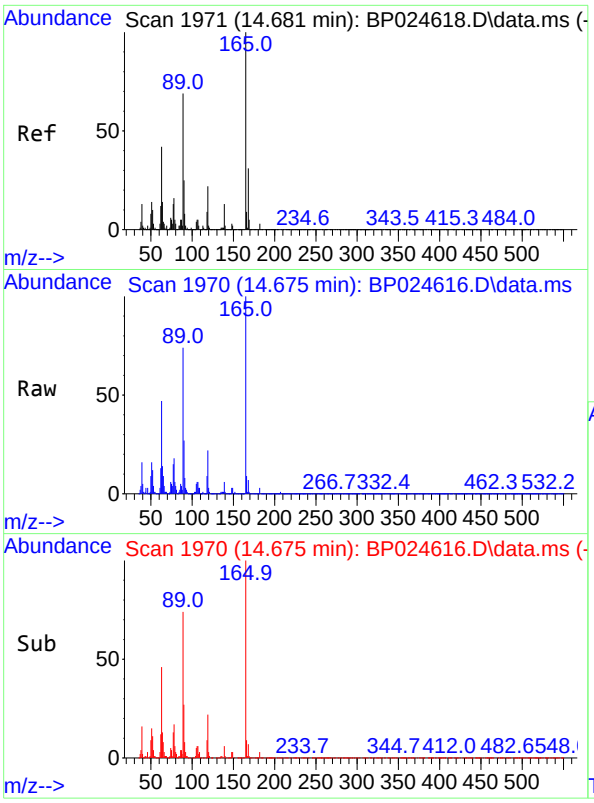


#56
4-Nitrophenol
Concen: 9.53 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.024 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



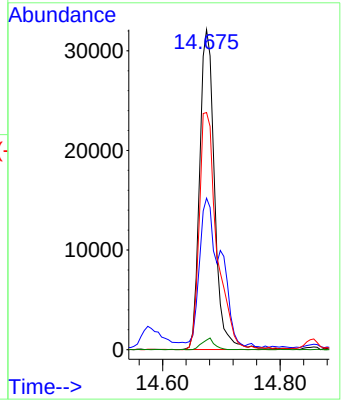


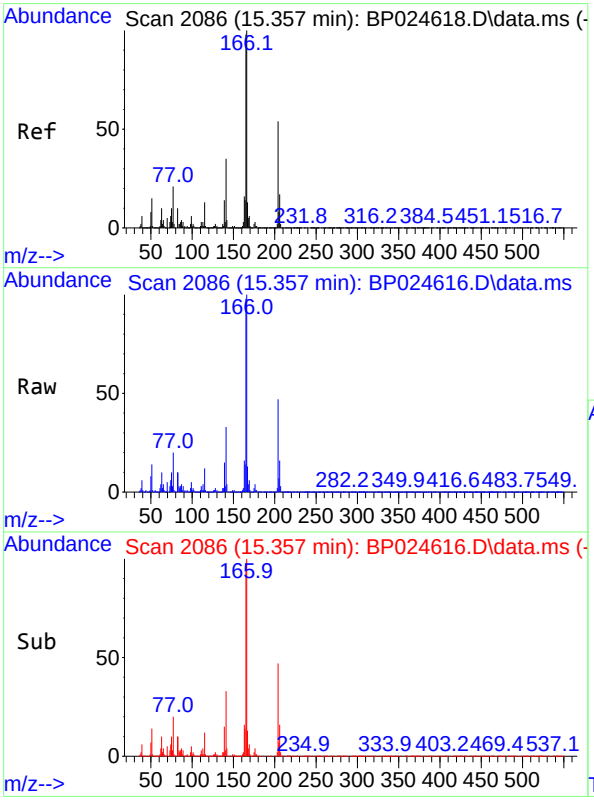
#57
2,4-Dinitrotoluene
Concen: 9.30 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

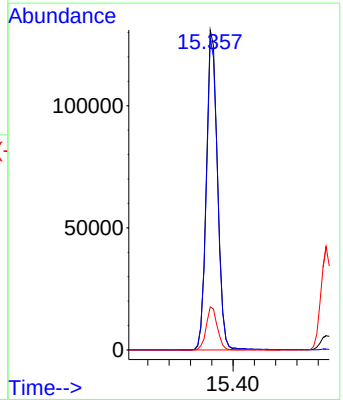


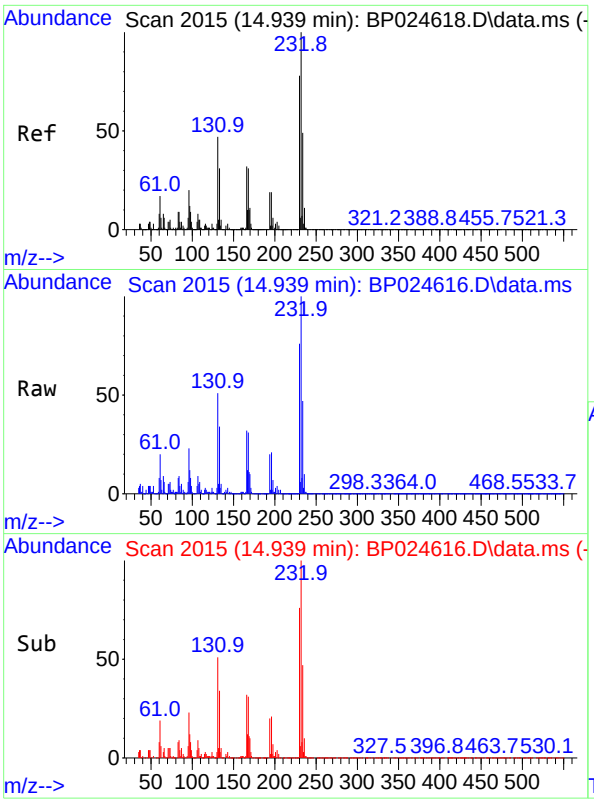


#58
Fluorene
Concen: 10.03 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



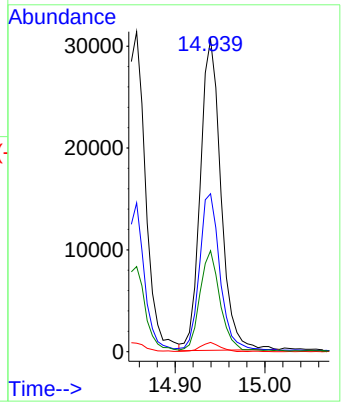


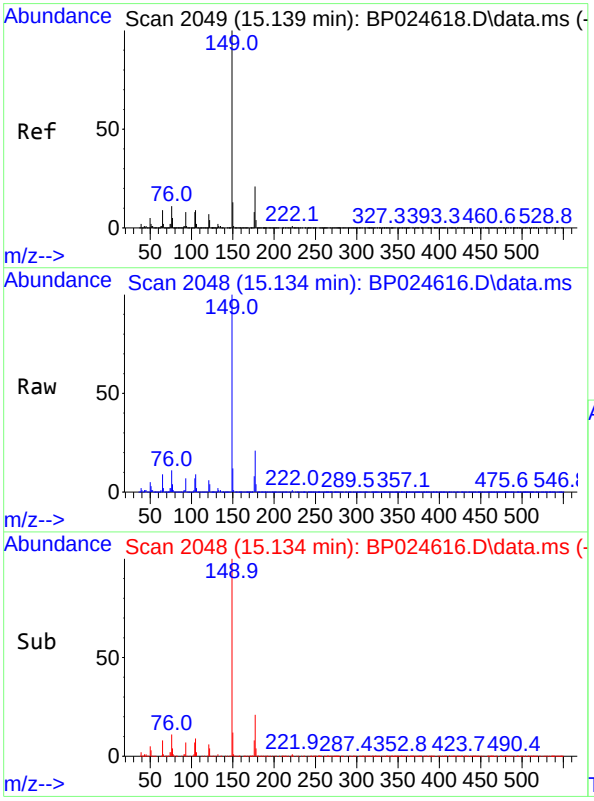
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.37 ng
RT: 14.939 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

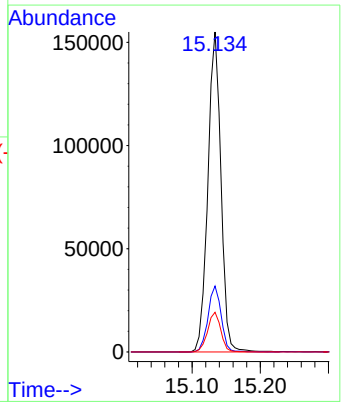


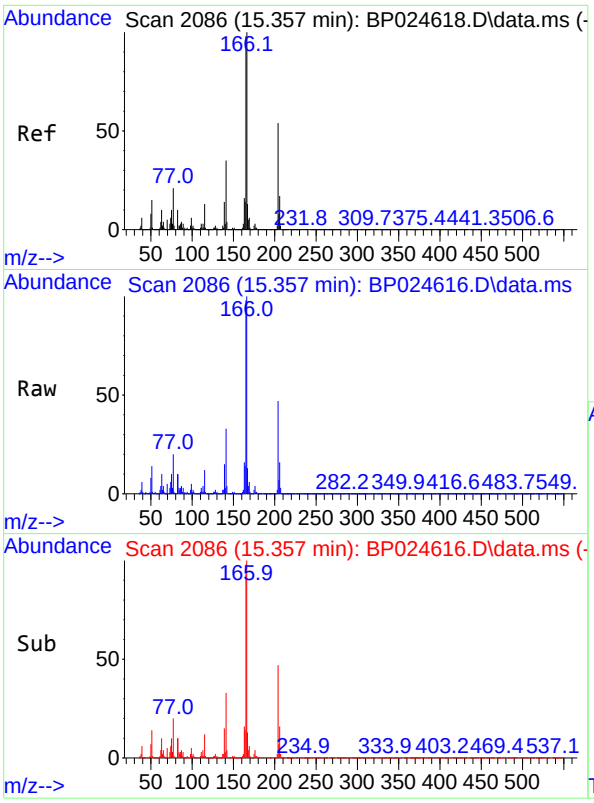


#60
Diethylphthalate
Concen: 10.01 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



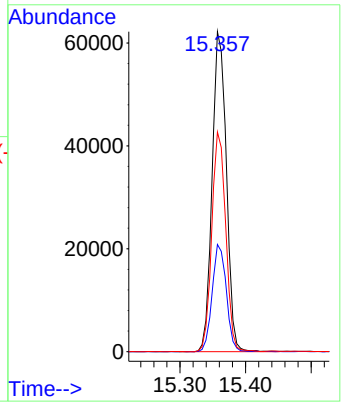


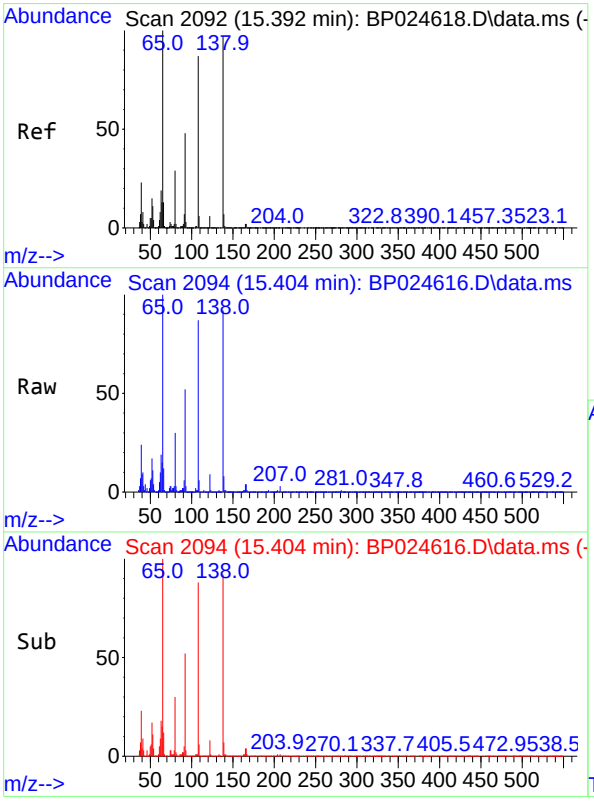
#61
4-Chlorophenyl-phenylether
Concen: 9.91 ng
RT: 15.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

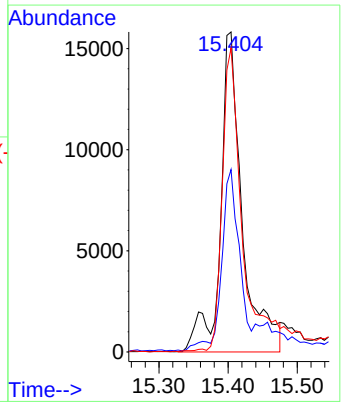


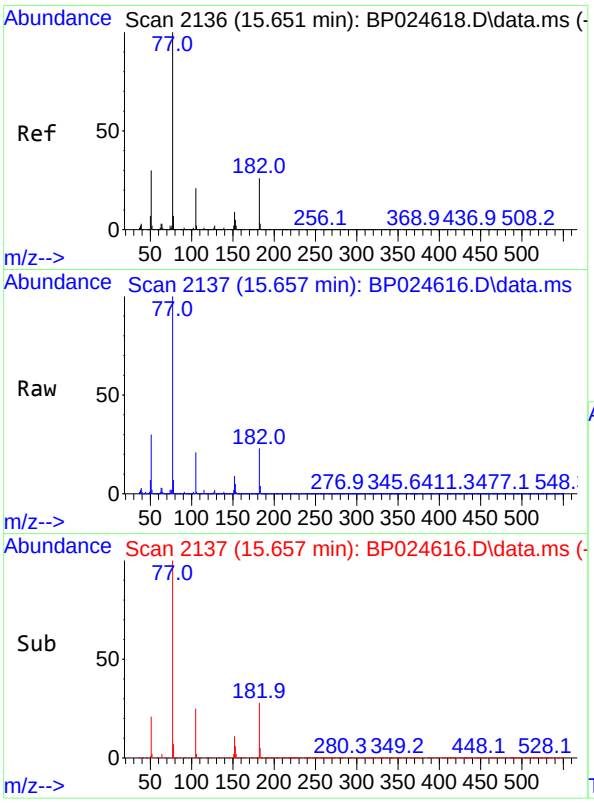


#62
4-Nitroaniline
Concen: 8.11 ng m
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



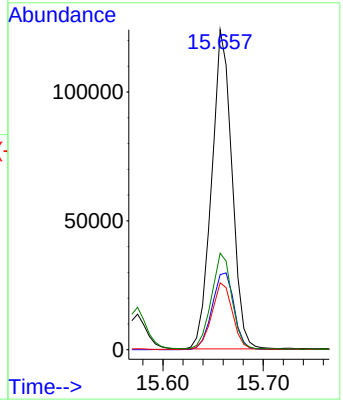


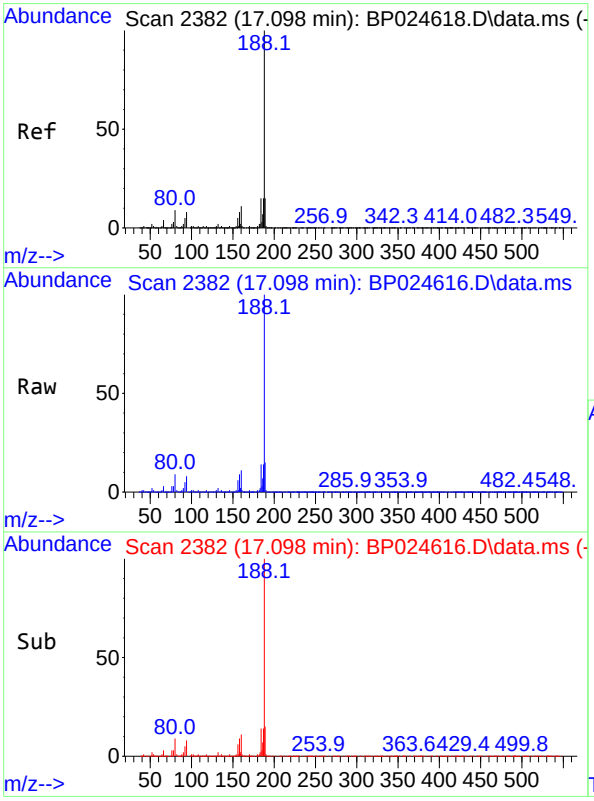
#63
Azobenzene
Concen: 9.86 ng
RT: 15.657 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

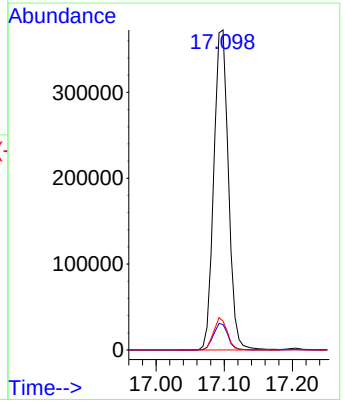


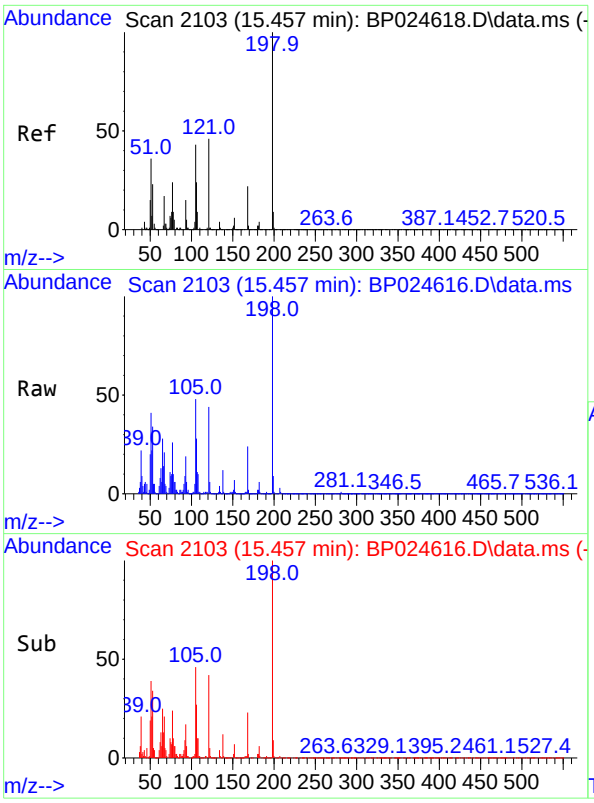


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



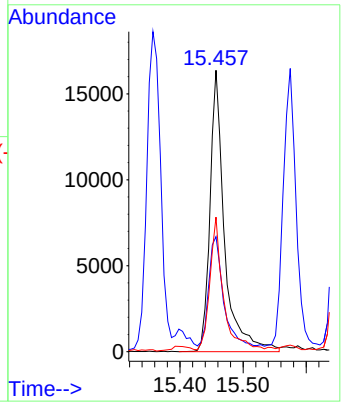


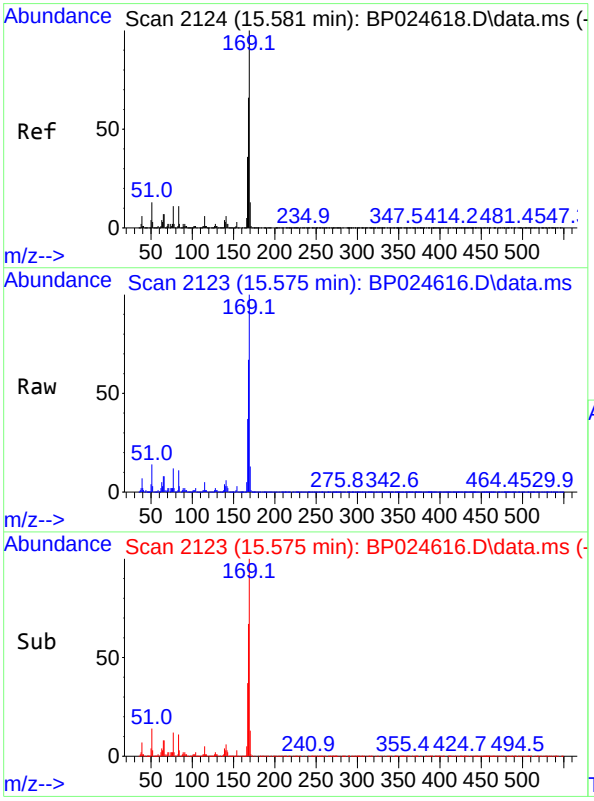
#65
4,6-Dinitro-2-methylphenol
Concen: 7.28 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

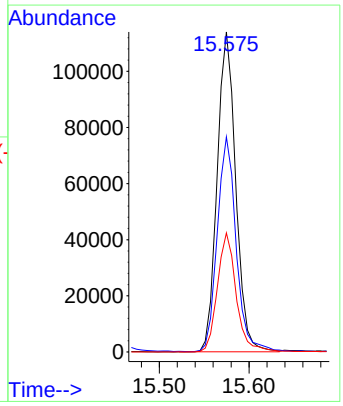


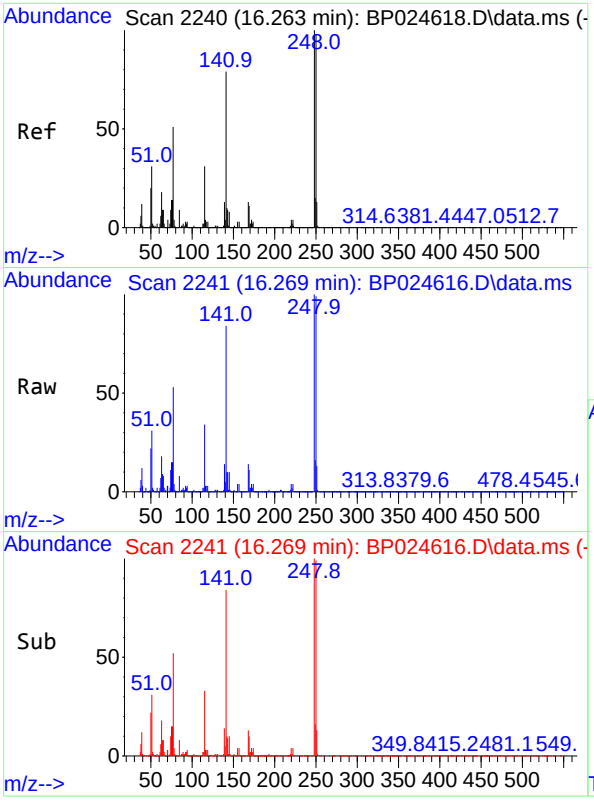


#66
n-Nitrosodiphenylamine
Concen: 9.59 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



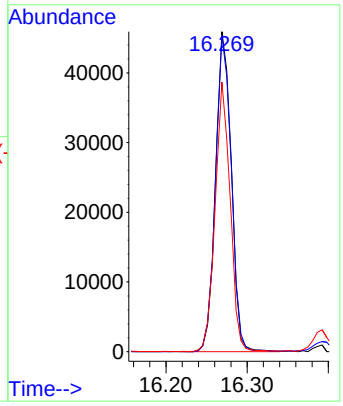


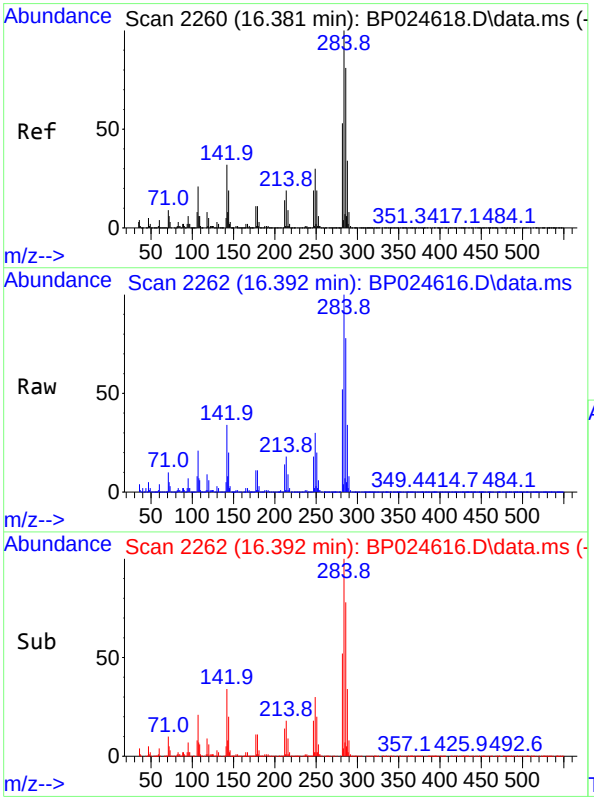
#67
4-Bromophenyl-phenylether
Concen: 9.45 ng
RT: 16.269 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

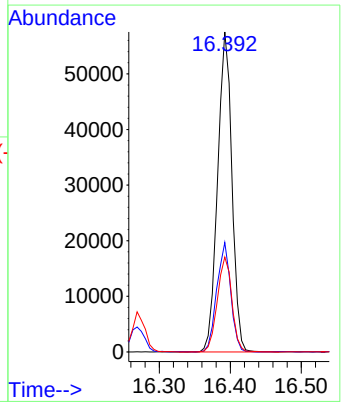


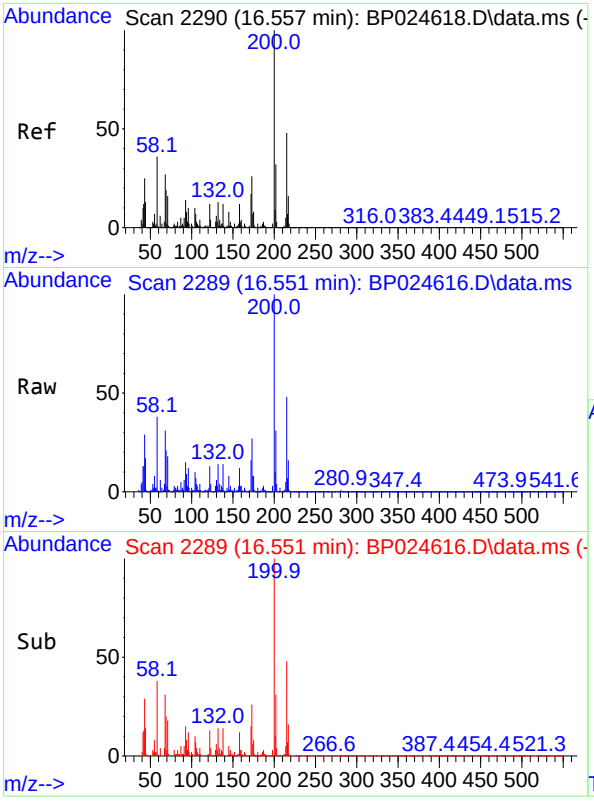


#68
Hexachlorobenzene
Concen: 9.61 ng
RT: 16.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



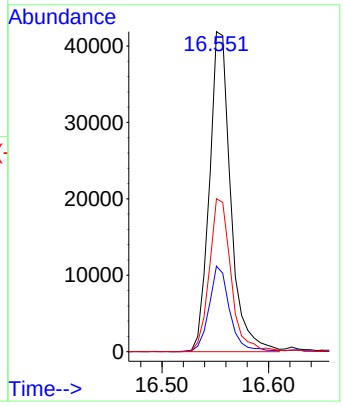


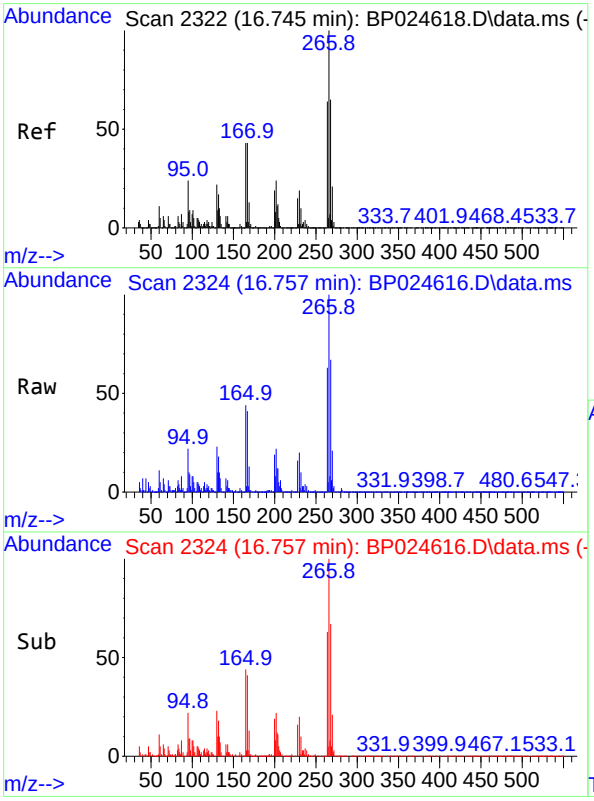
#69
Atrazine
Concen: 9.30 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

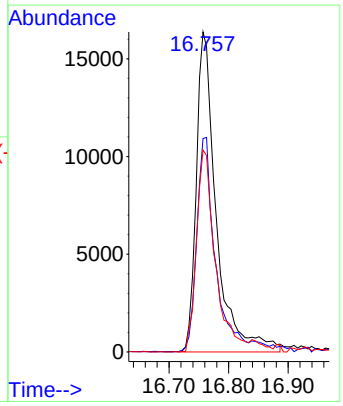


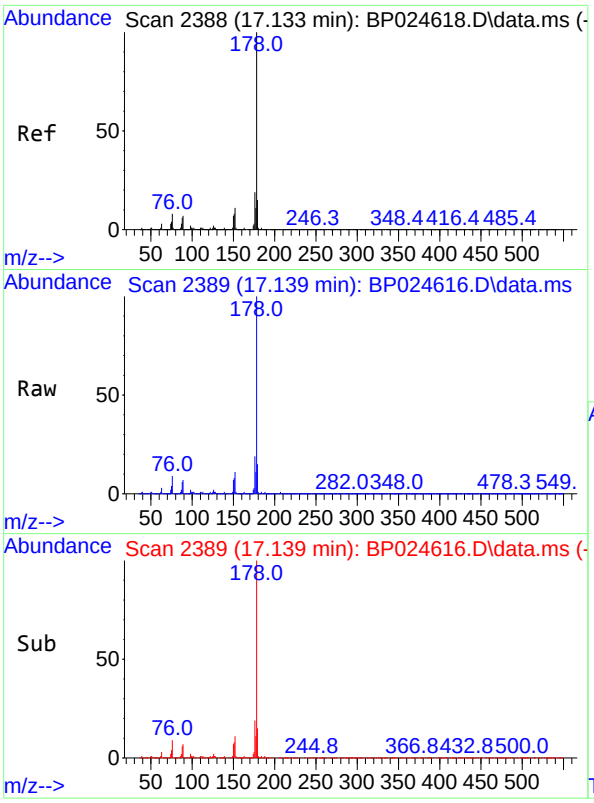


#70
Pentachlorophenol
Concen: 8.14 ng m
RT: 16.757 min Scan# 2324
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



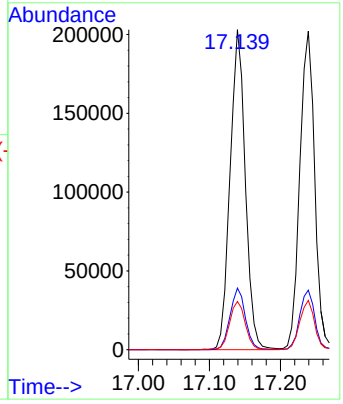


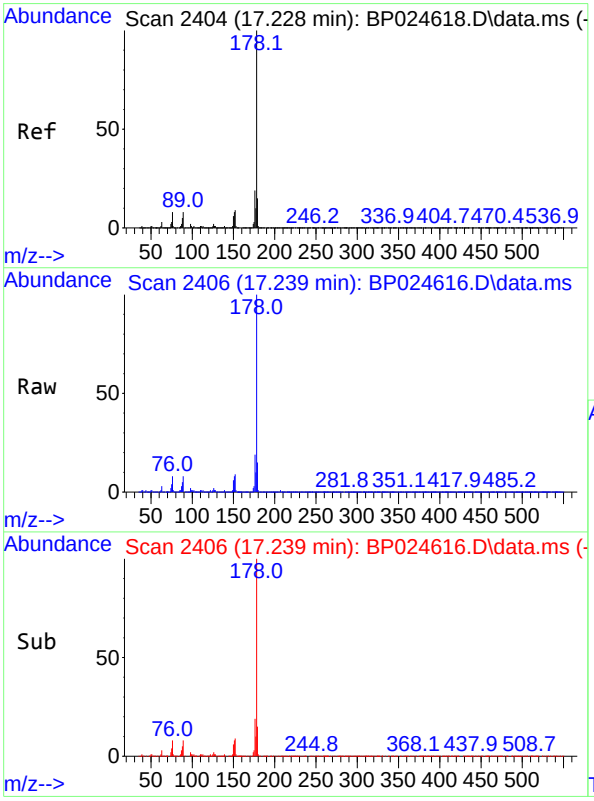
#71
Phenanthrene
Concen: 9.75 ng
RT: 17.139 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

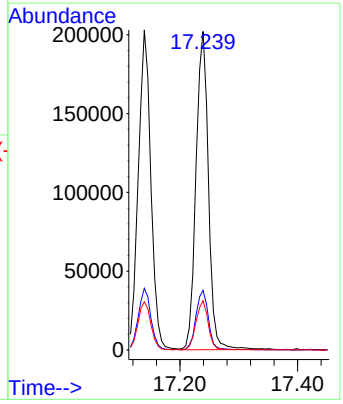


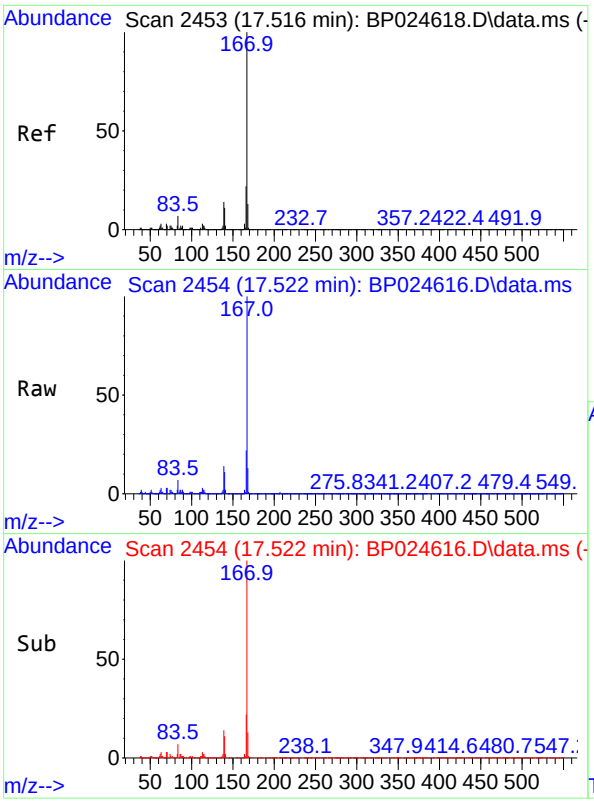


#72
Anthracene
Concen: 9.51 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



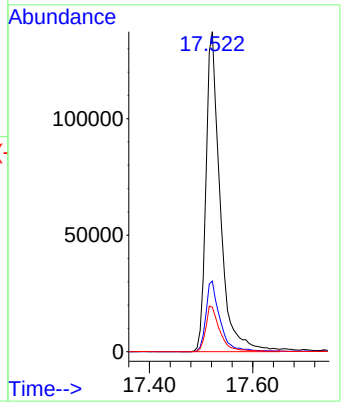


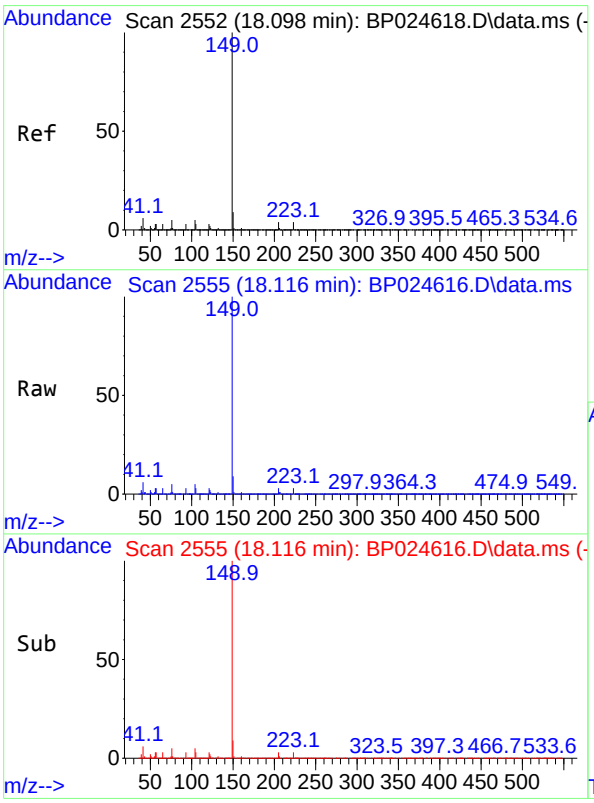
#73
Carbazole
Concen: 9.32 ng
RT: 17.522 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

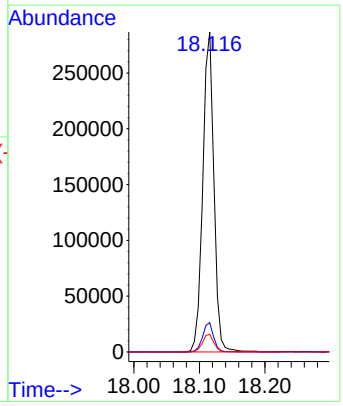


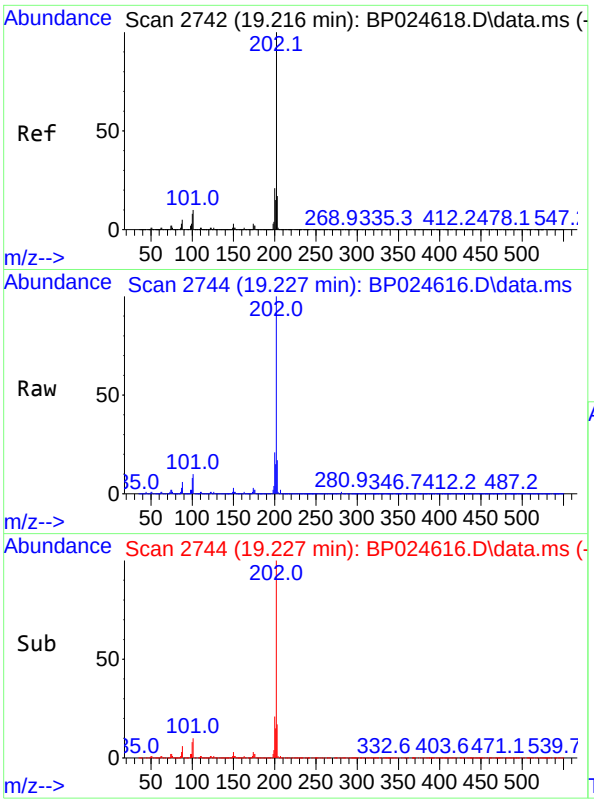


#74
Di-n-butylphthalate
Concen: 9.35 ng
RT: 18.116 min Scan# 2555
Delta R.T. 0.018 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



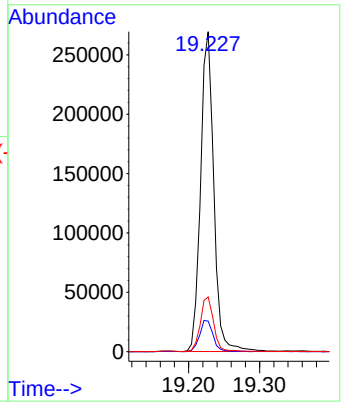


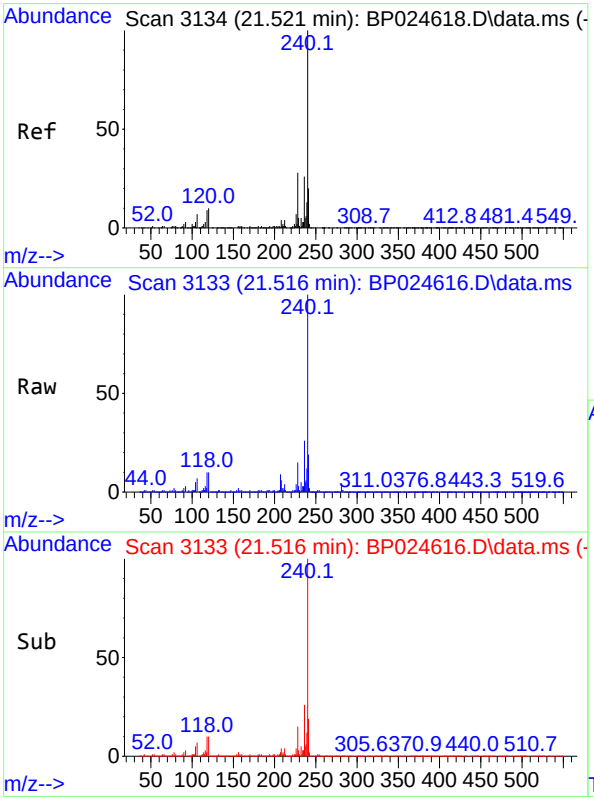
#75
Fluoranthene
Concen: 9.65 ng
RT: 19.227 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

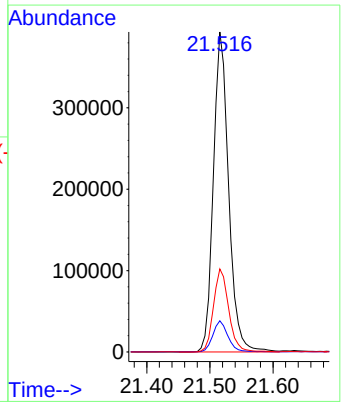


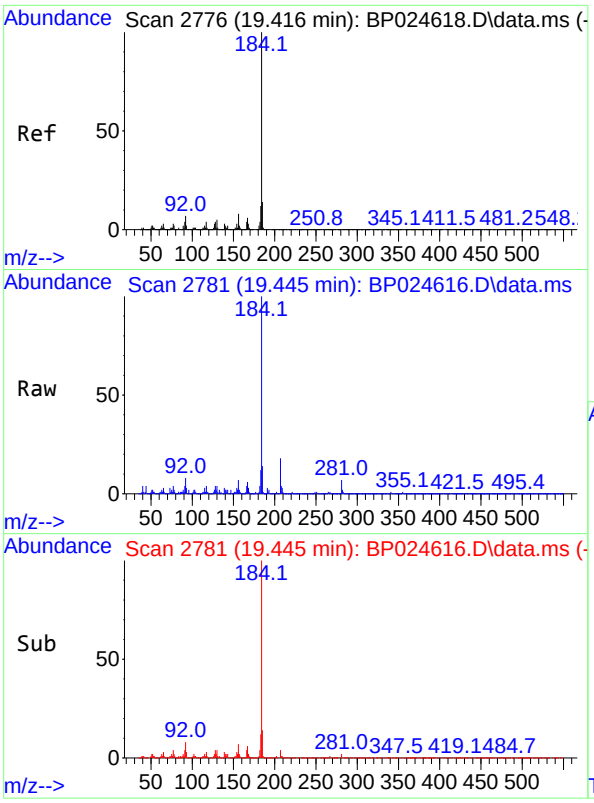


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



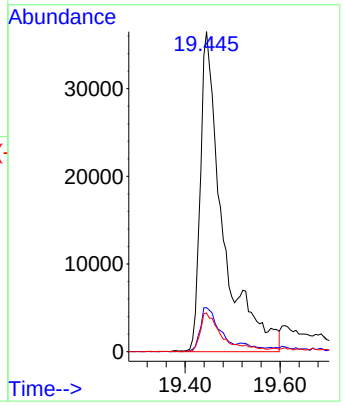


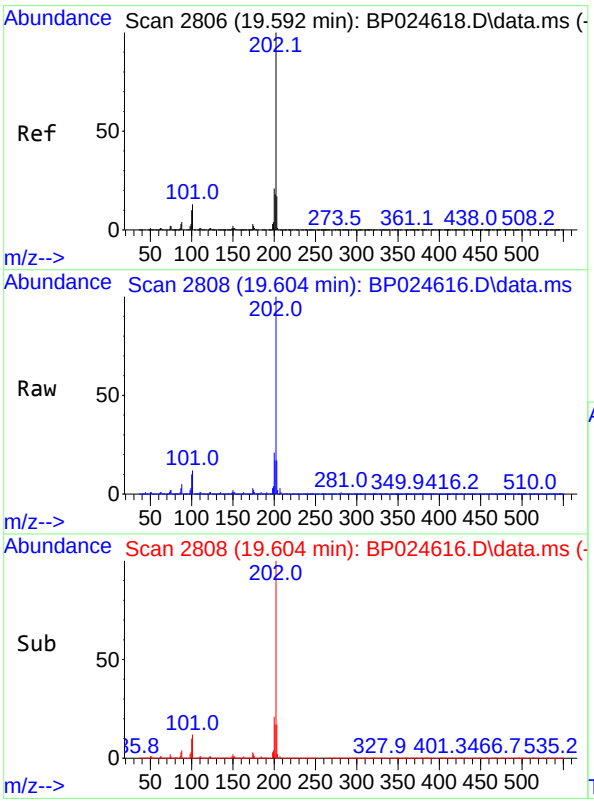
#77
Benzidine
Concen: 6.59 ng m
RT: 19.445 min Scan# 2
Delta R.T. 0.029 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

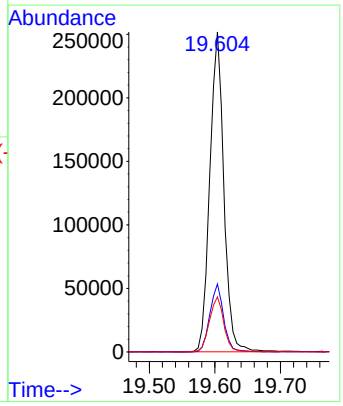


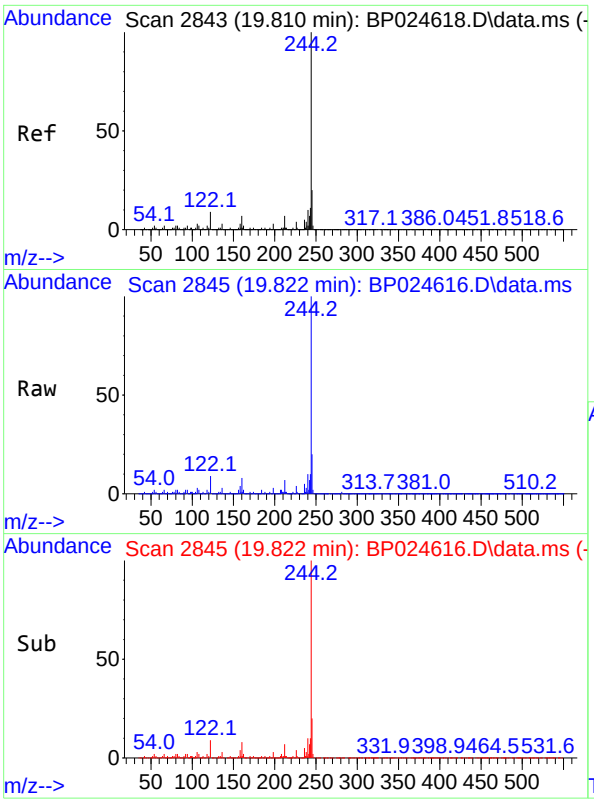


#78
Pyrene
Concen: 9.48 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



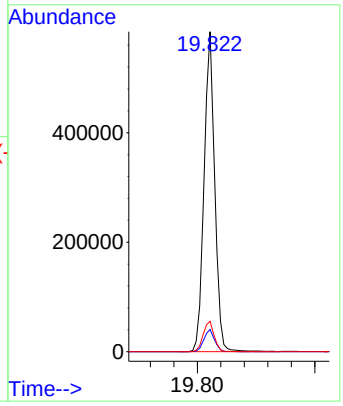


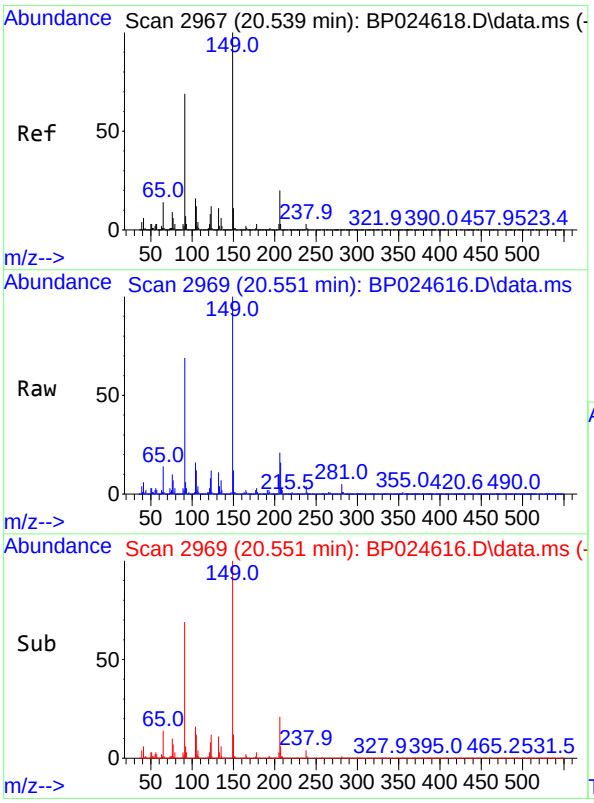
#79
Terphenyl-d14
Concen: 19.09 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

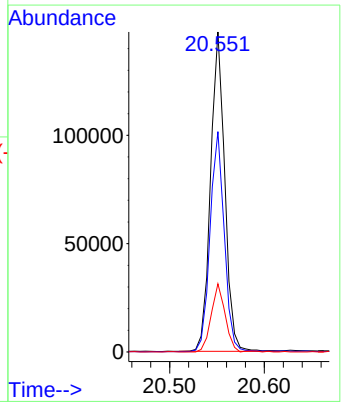


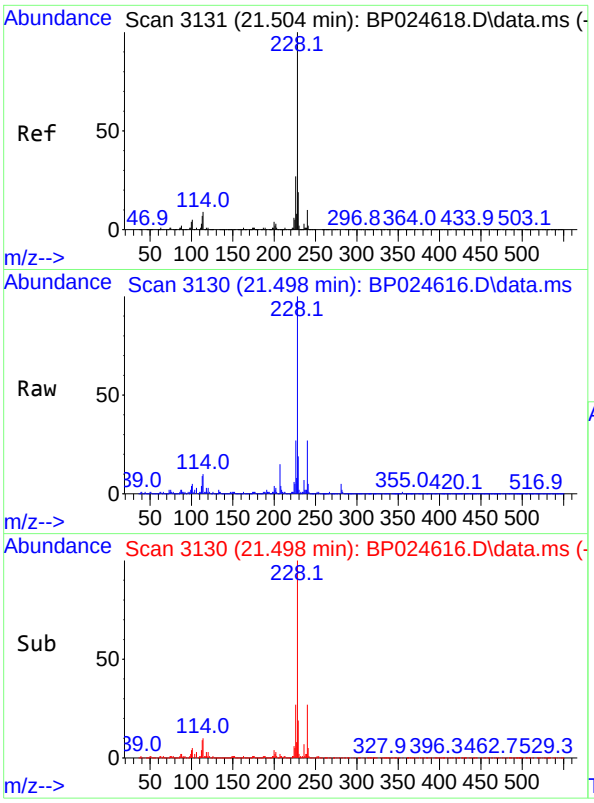


#80
Butylbenzylphthalate
Concen: 8.73 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



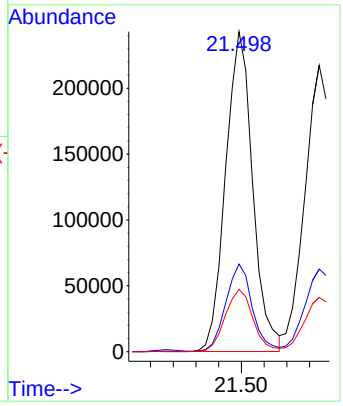


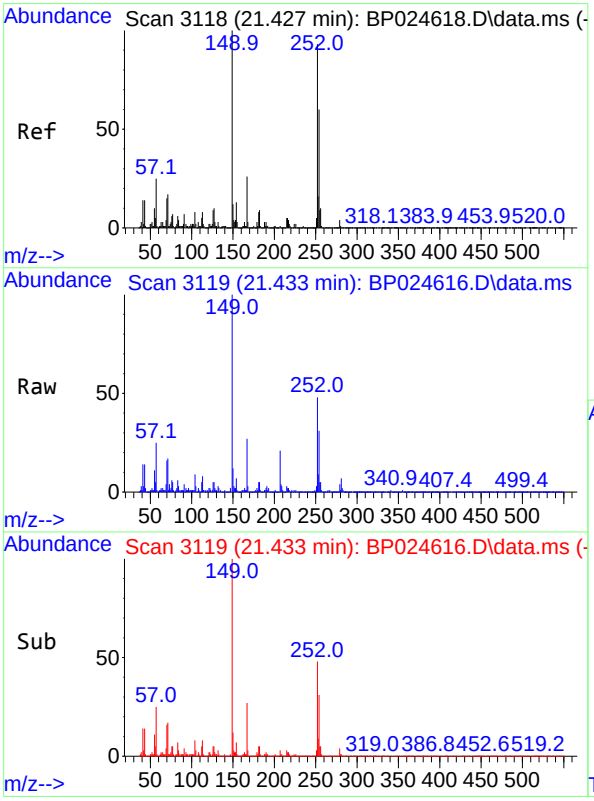
#81
Benzo(a)anthracene
Concen: 9.70 ng
RT: 21.498 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

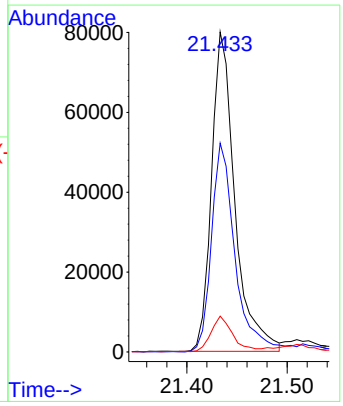


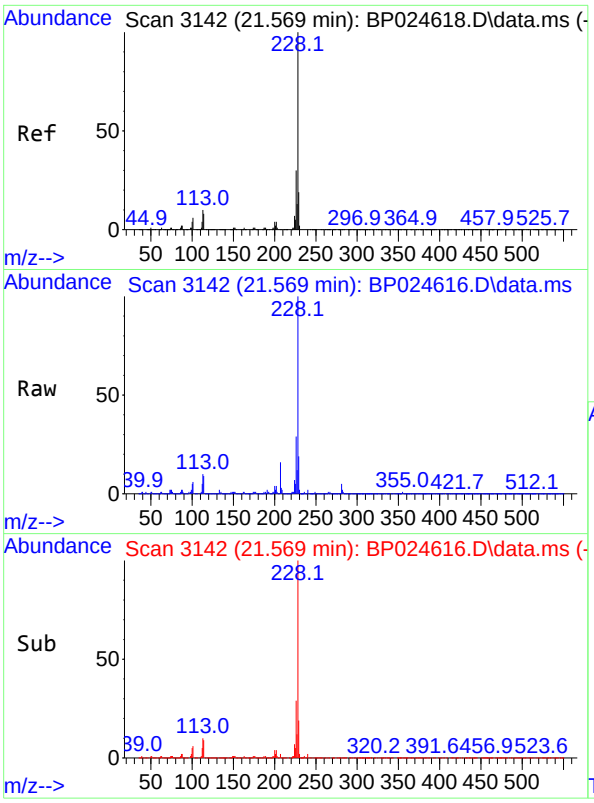


#82
3,3'-Dichlorobenzidine
Concen: 8.41 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



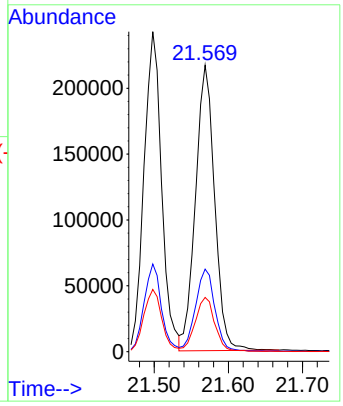


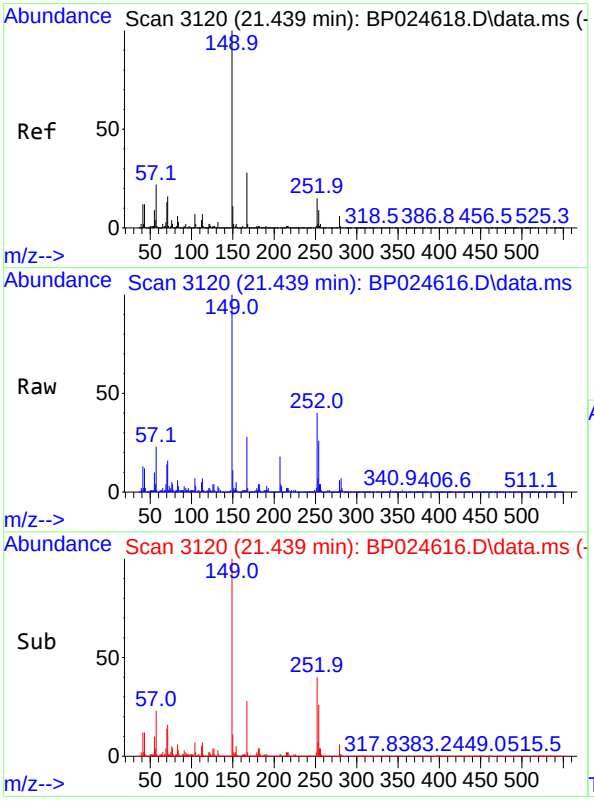
#83
Chrysene
Concen: 9.91 ng
RT: 21.569 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

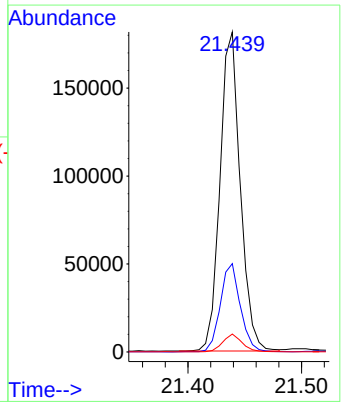


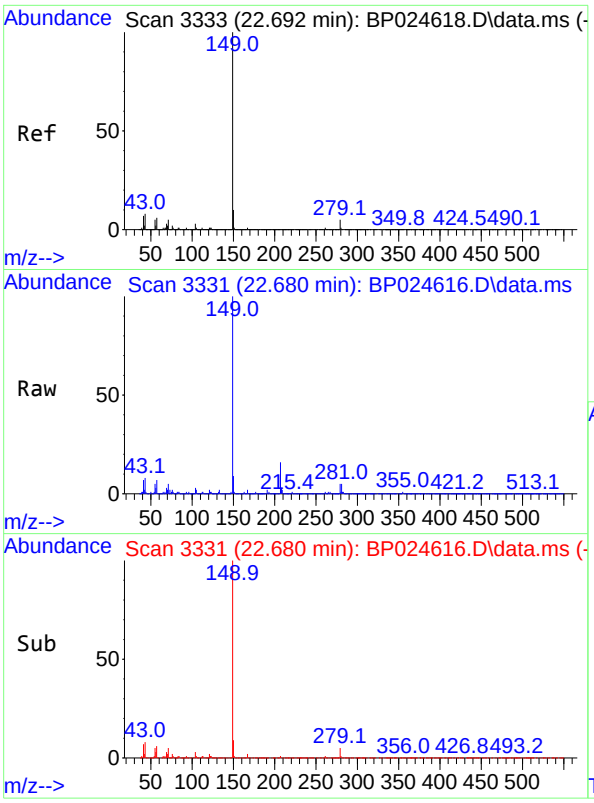


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.72 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



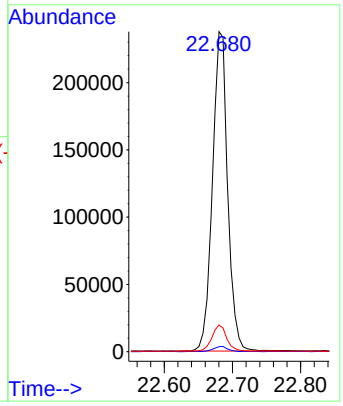


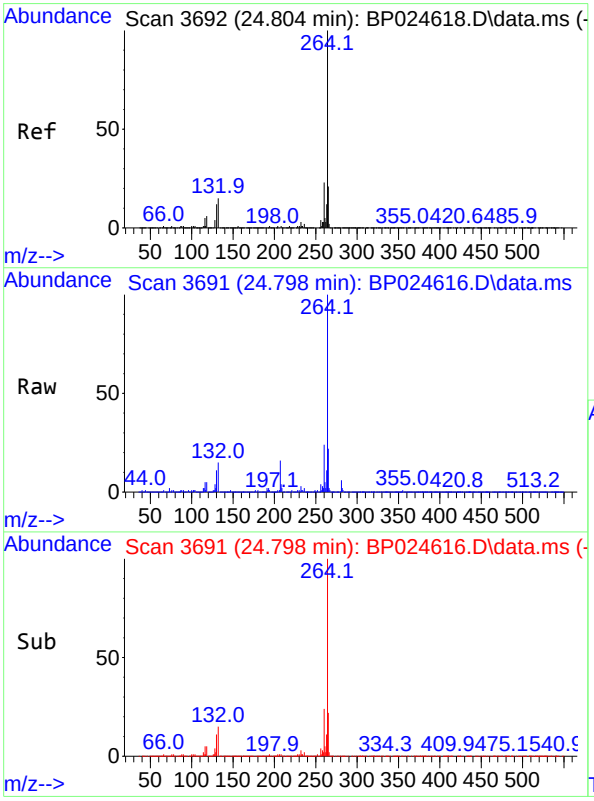
#85
Di-n-octyl phthalate
Concen: 8.72 ng
RT: 22.680 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

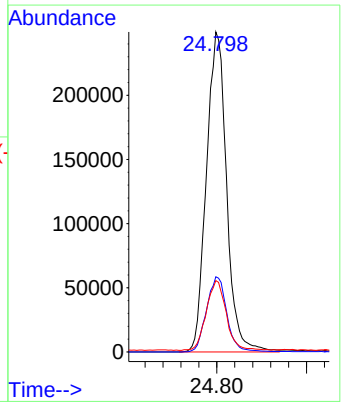


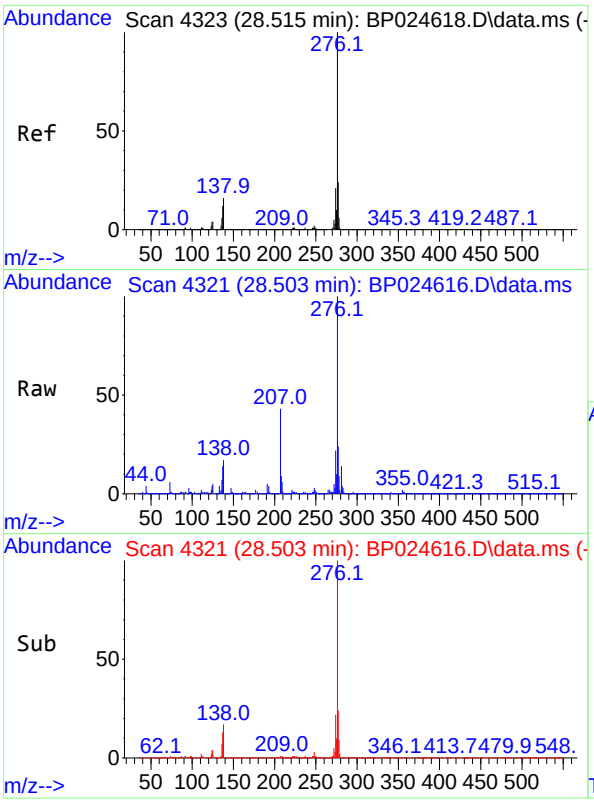


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.798 min Scan# 3691
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



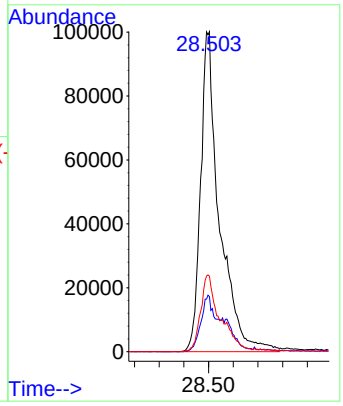


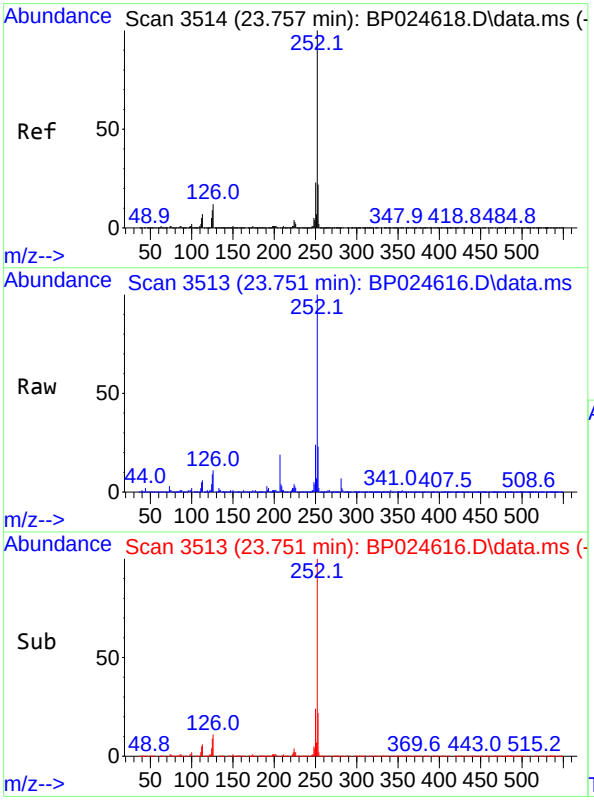
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.29 ng
RT: 28.503 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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#

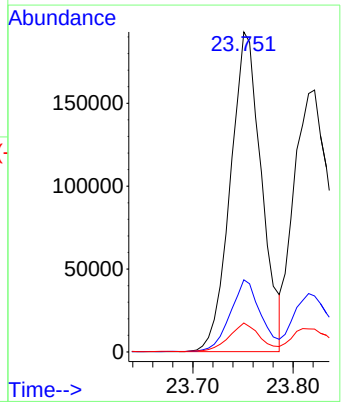


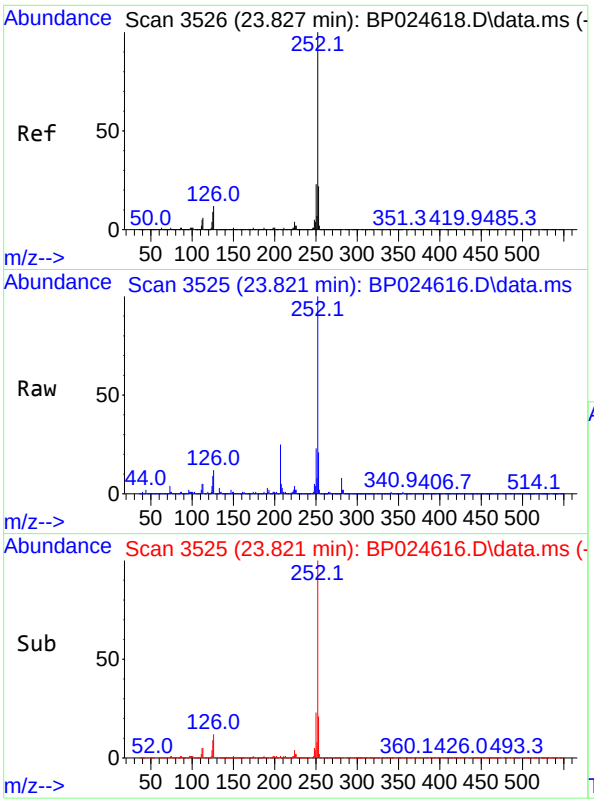


#88
Benzo(b)fluoranthene
Concen: 9.35 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



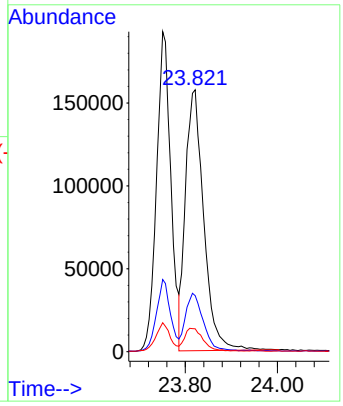


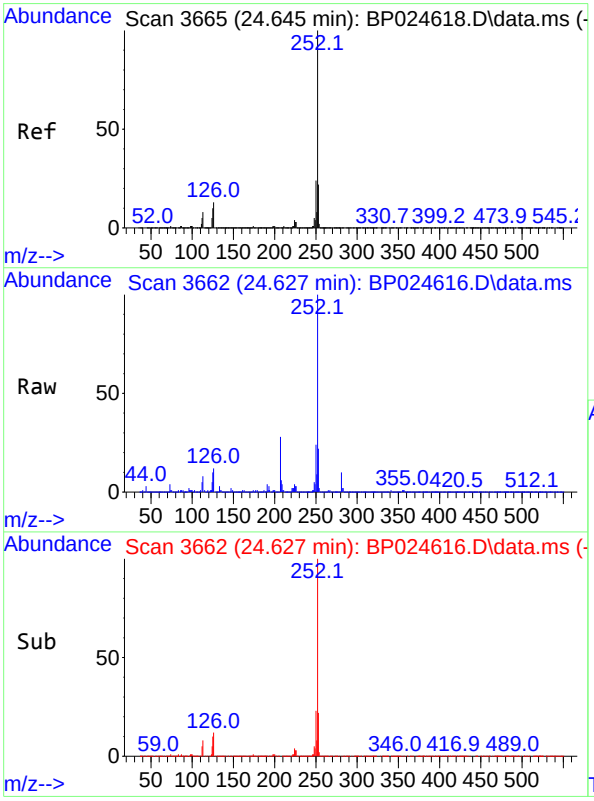
#89
Benzo(k)fluoranthene
Concen: 9.38 ng
RT: 23.821 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

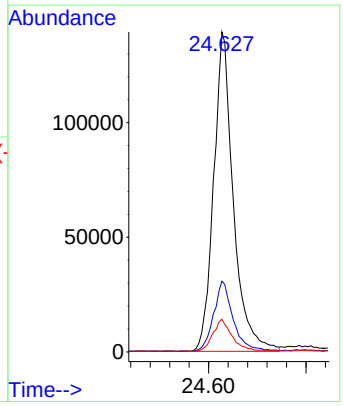


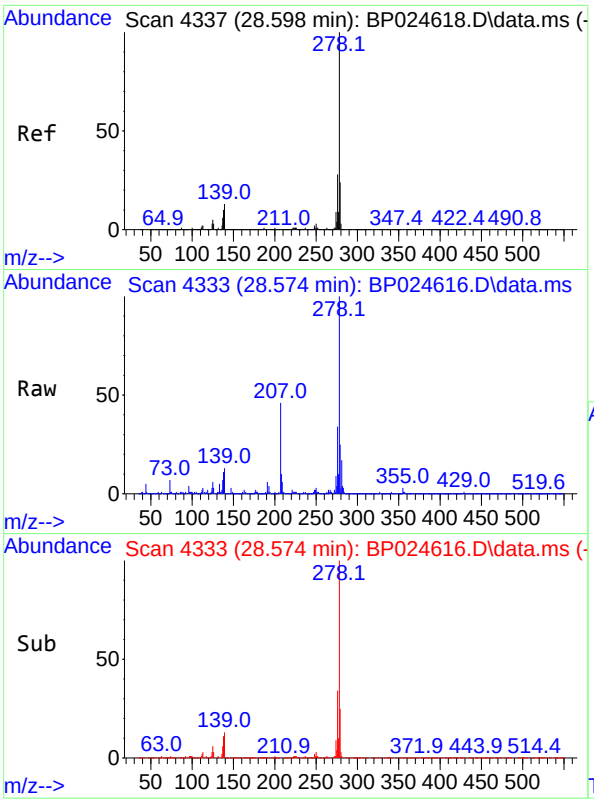


#90
Benzo(a)pyrene
Concen: 9.10 ng
RT: 24.627 min Scan# 3662
Delta R.T. -0.018 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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



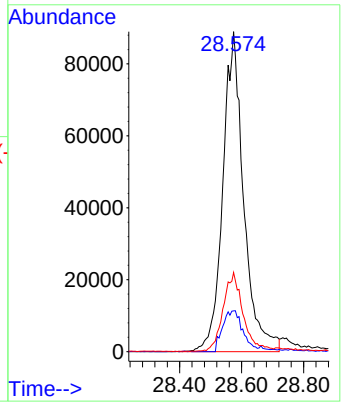


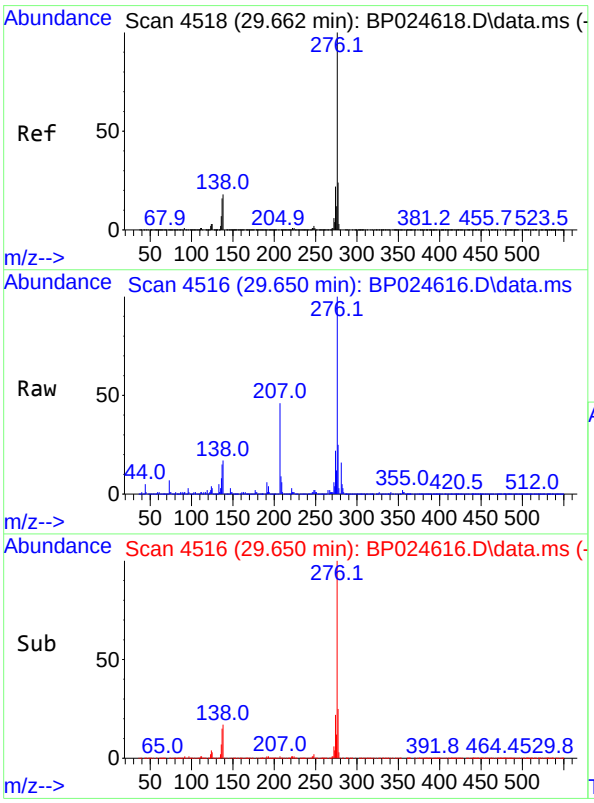
#91
Dibenzo(a,h)anthracene
Concen: 8.97 ng
RT: 28.574 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

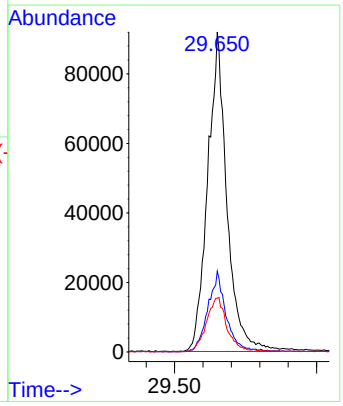




#92
Benzo(g,h,i)perylene
Concen: 9.37 ng
RT: 29.650 min Scan# 4516
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

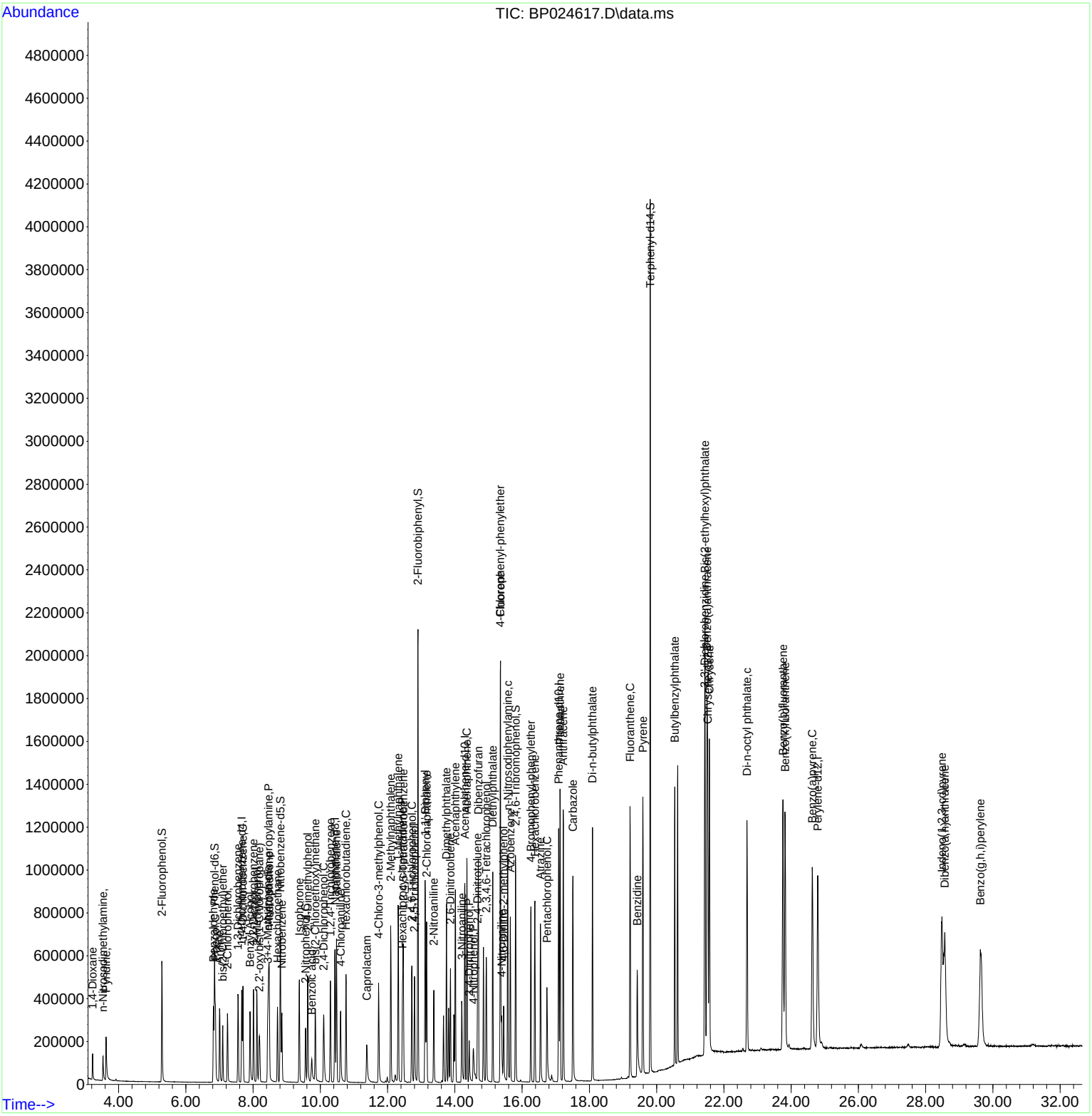
(#) = qualifier out of range (m) = manual integration (+) = signals summed

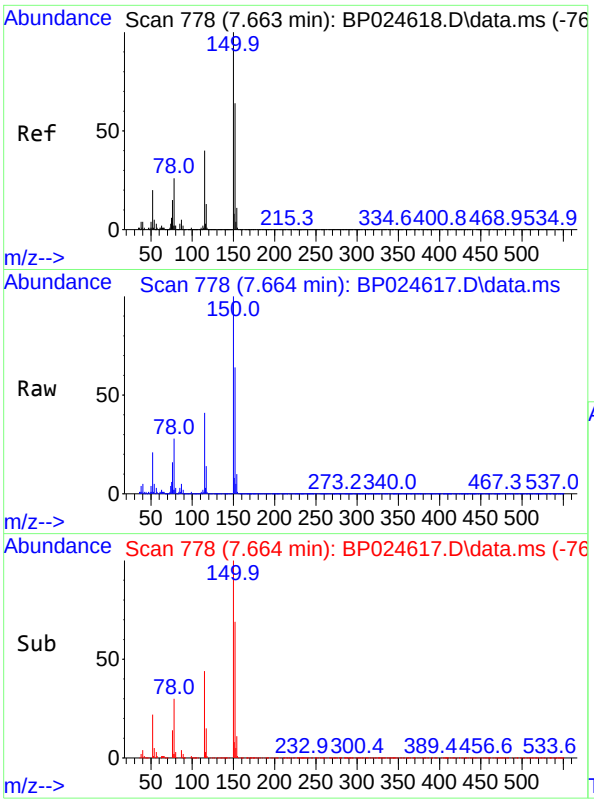
ICAL Form

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



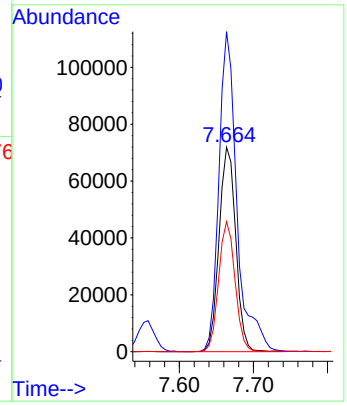


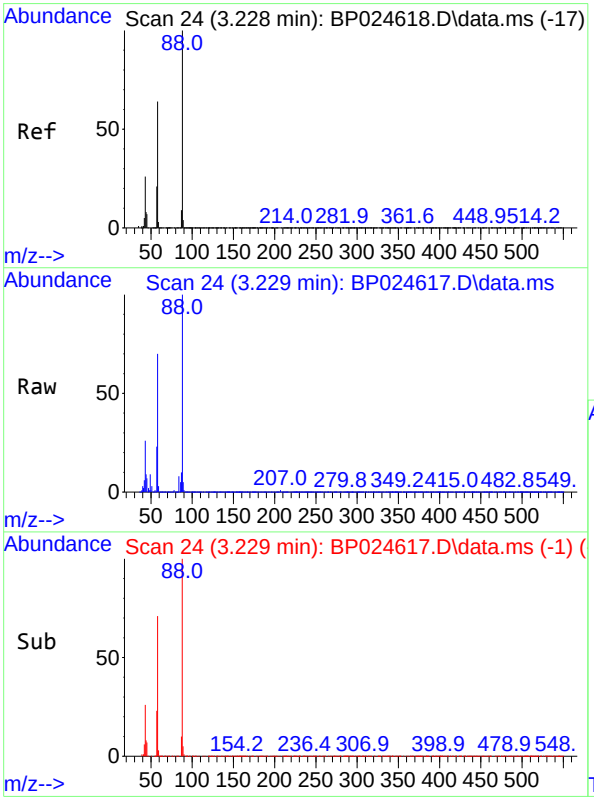
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.664 min Scan# 7
Delta R.T. 0.001 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

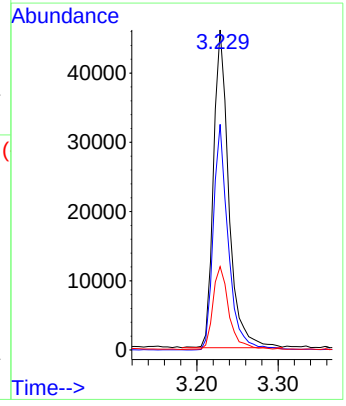


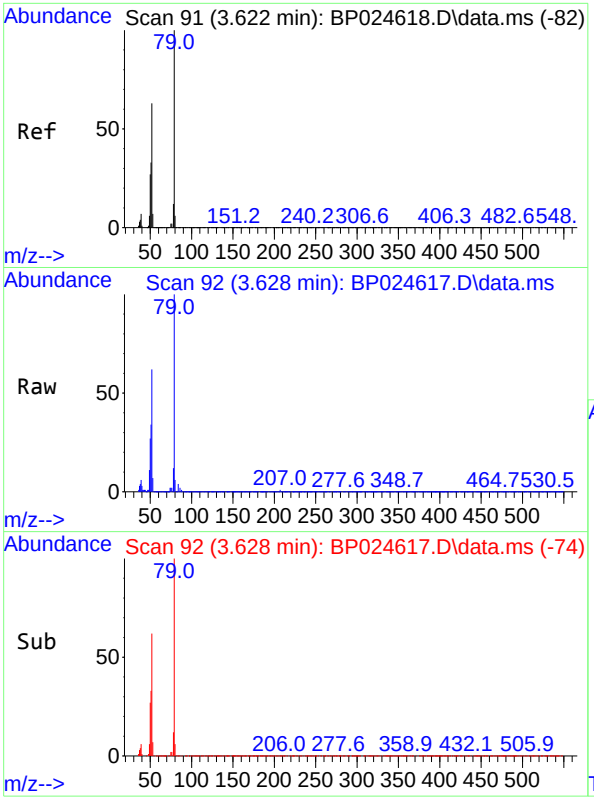


#2
1,4-Dioxane
Concen: 19.48 ng
RT: 3.229 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



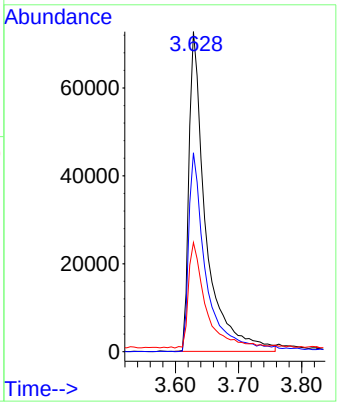


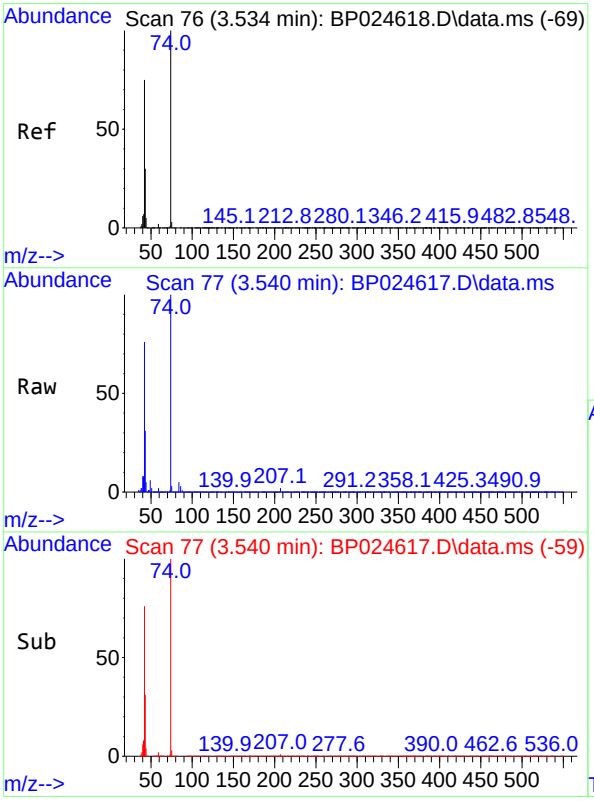
#3
Pyridine
Concen: 19.75 ng
RT: 3.628 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

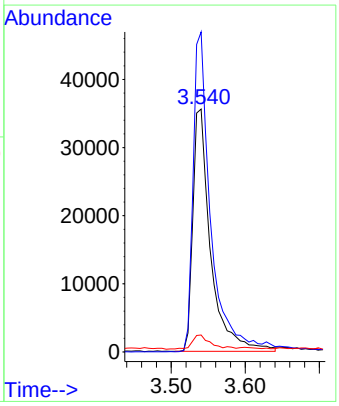


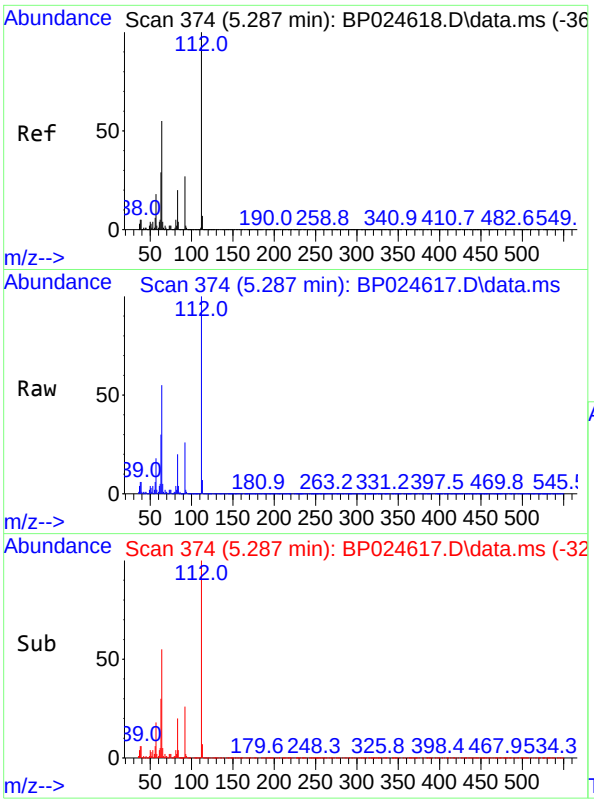


#4
n-Nitrosodimethylamine
Concen: 19.59 ng
RT: 3.540 min Scan# 77
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



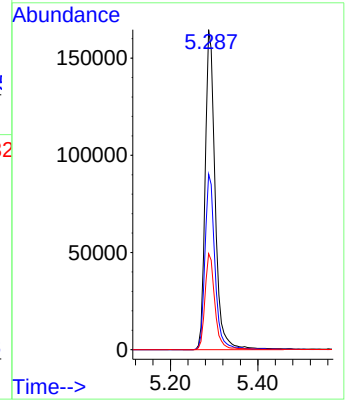


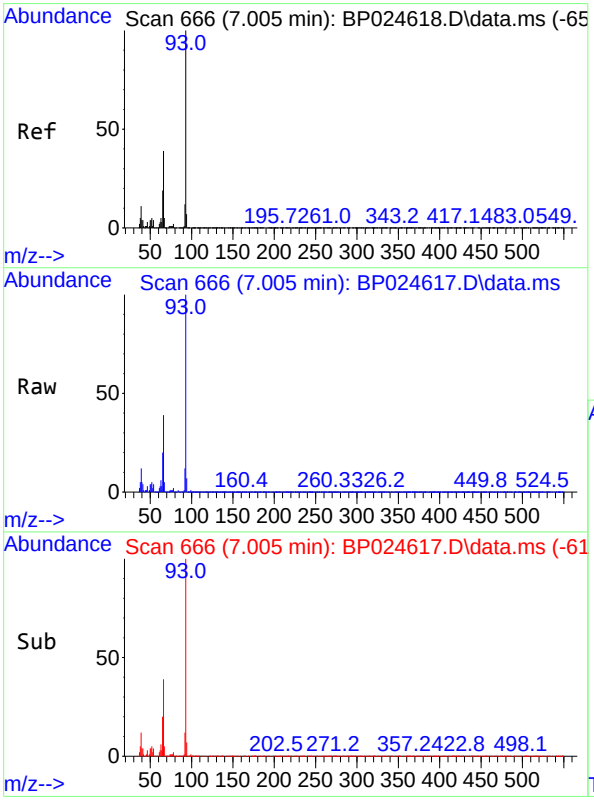
#5
2-Fluorophenol
Concen: 39.75 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

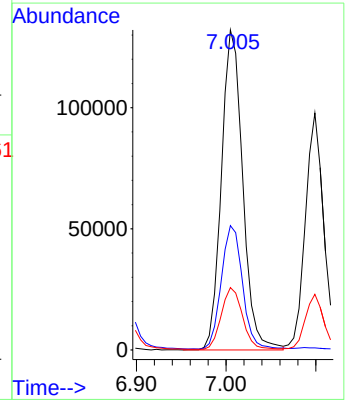


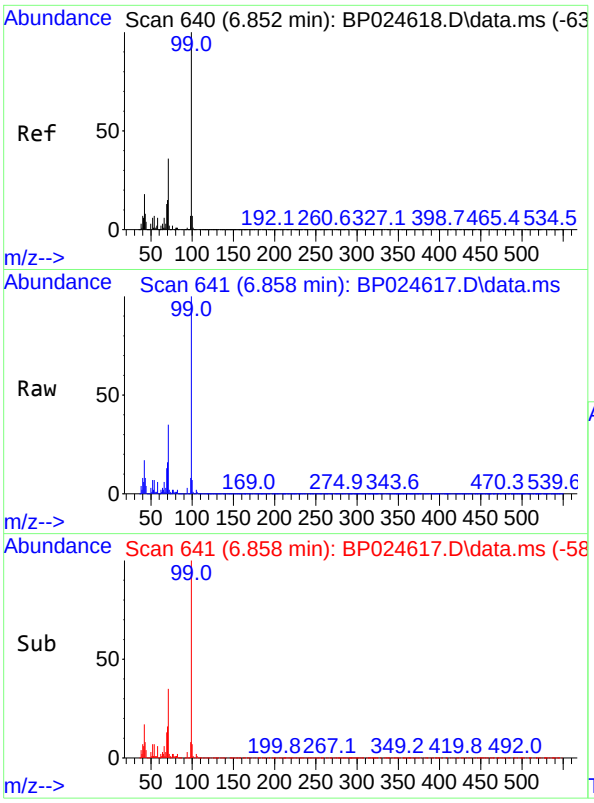


#6
Aniline
Concen: 20.05 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



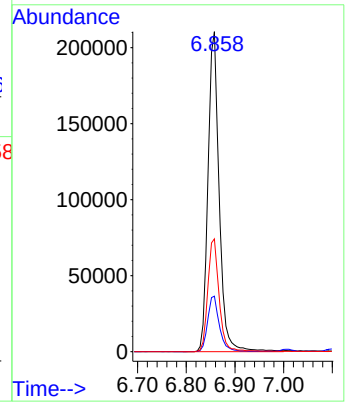


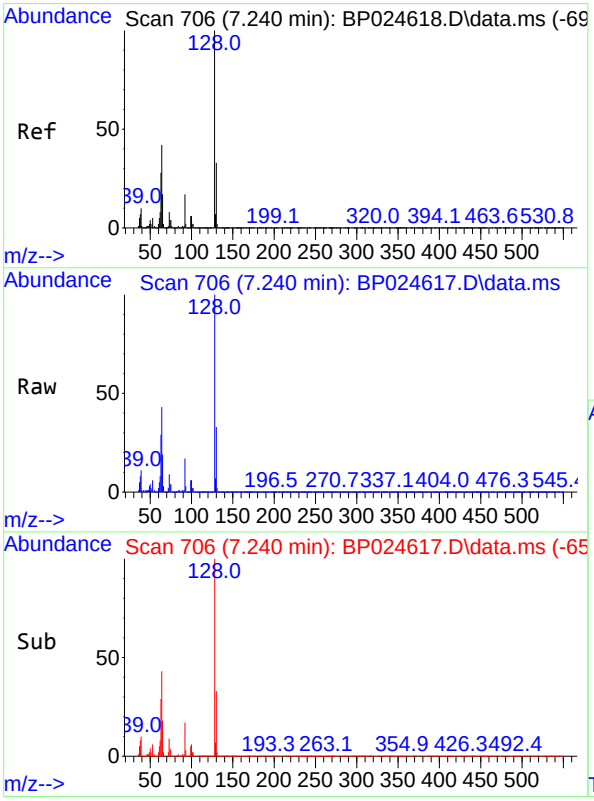
#7
Phenol-d6
Concen: 39.83 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

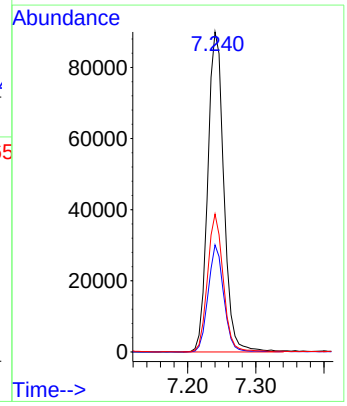


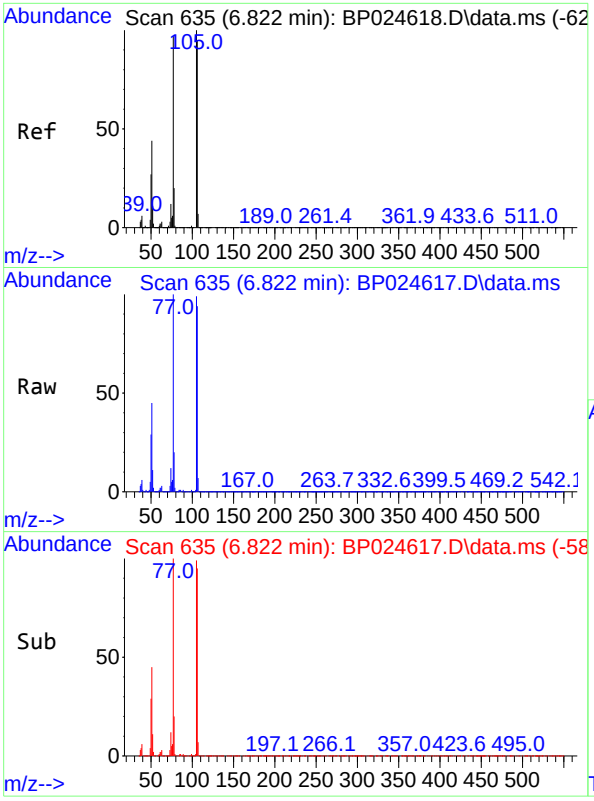


#8
2-Chlorophenol
Concen: 19.76 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



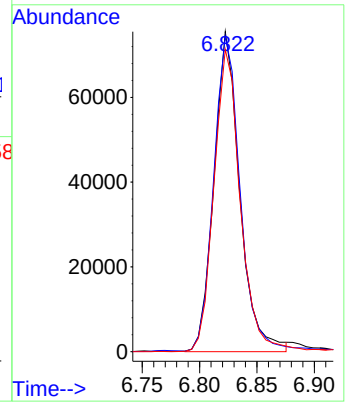


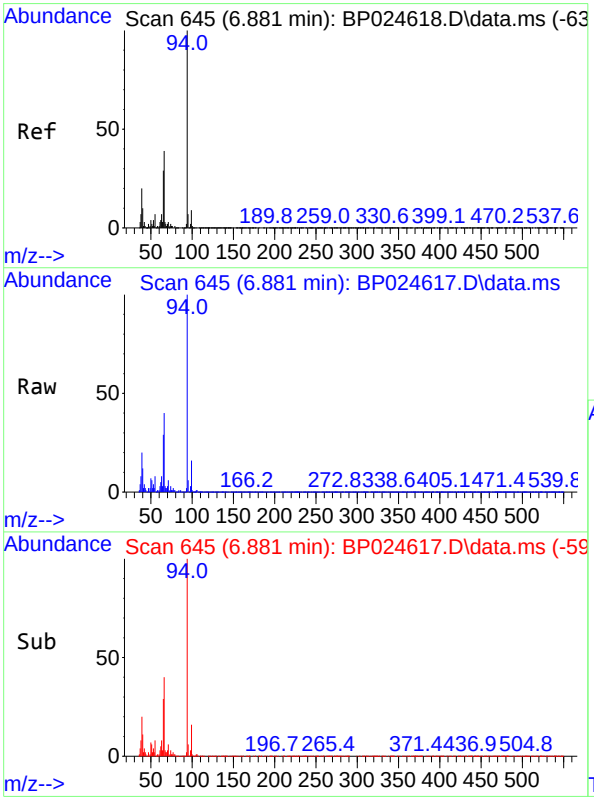
#9
Benzaldehyde
Concen: 21.69 ng m
RT: 6.822 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

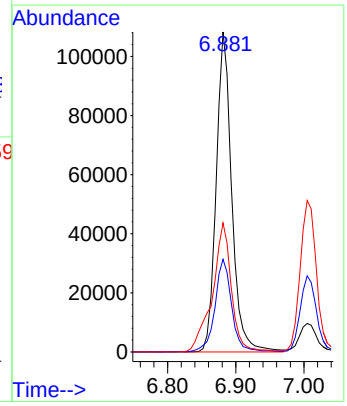


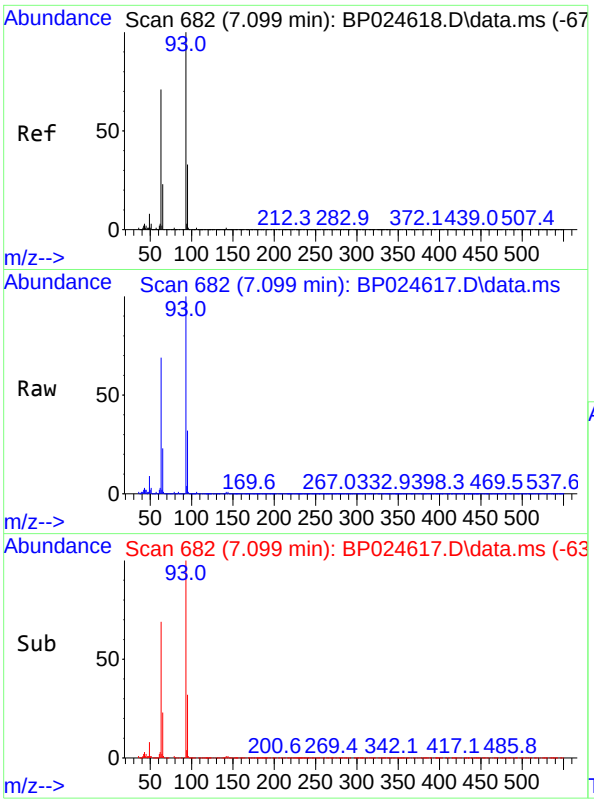


#10
Phenol
Concen: 19.82 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



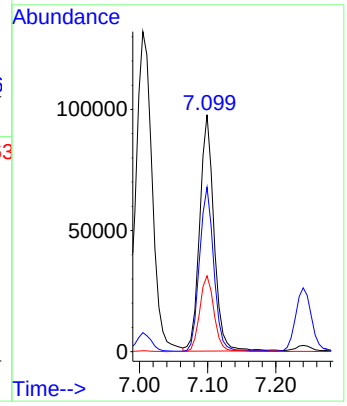


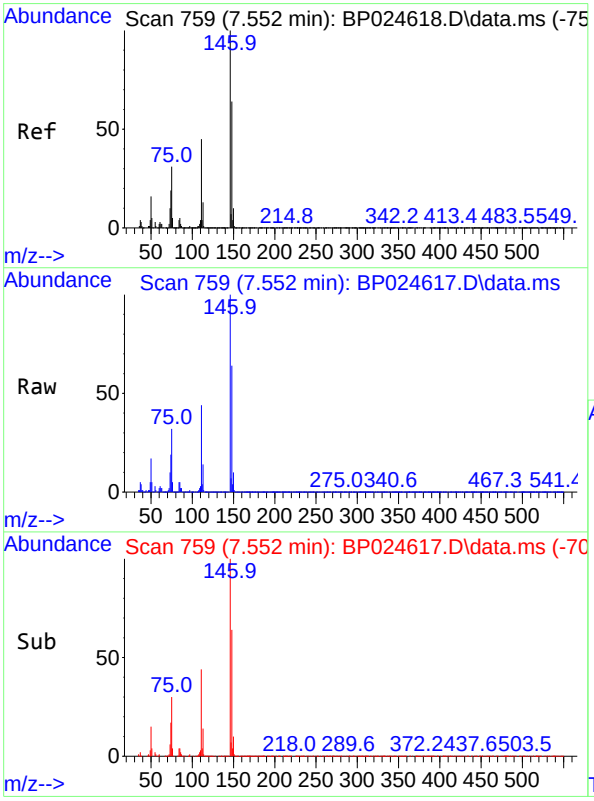
#11
bis(2-Chloroethyl)ether
Concen: 19.86 ng
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

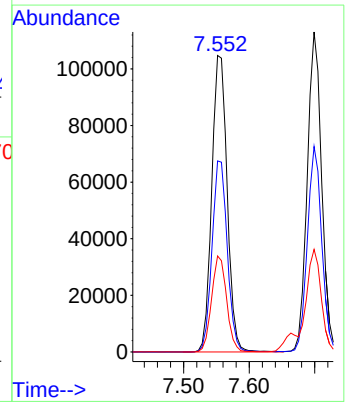


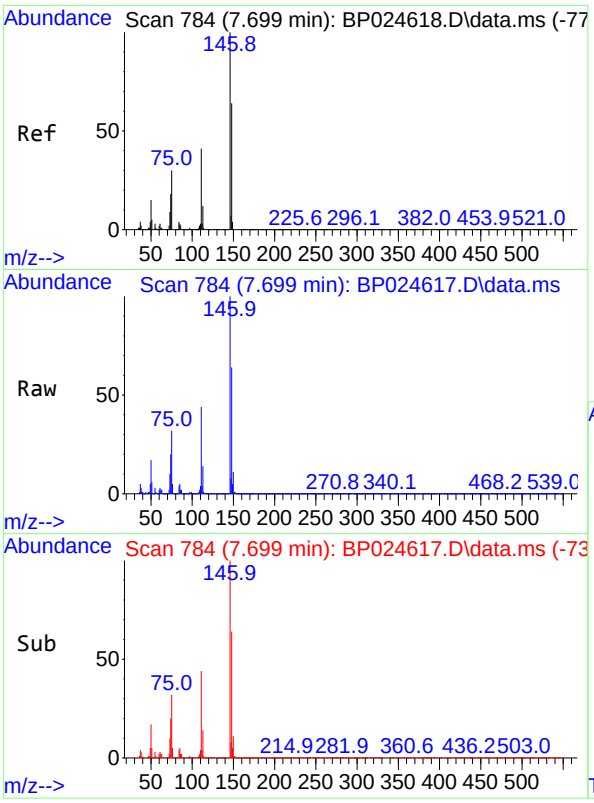


#12
1,3-Dichlorobenzene
Concen: 19.91 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



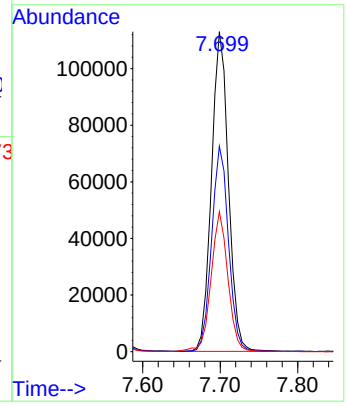


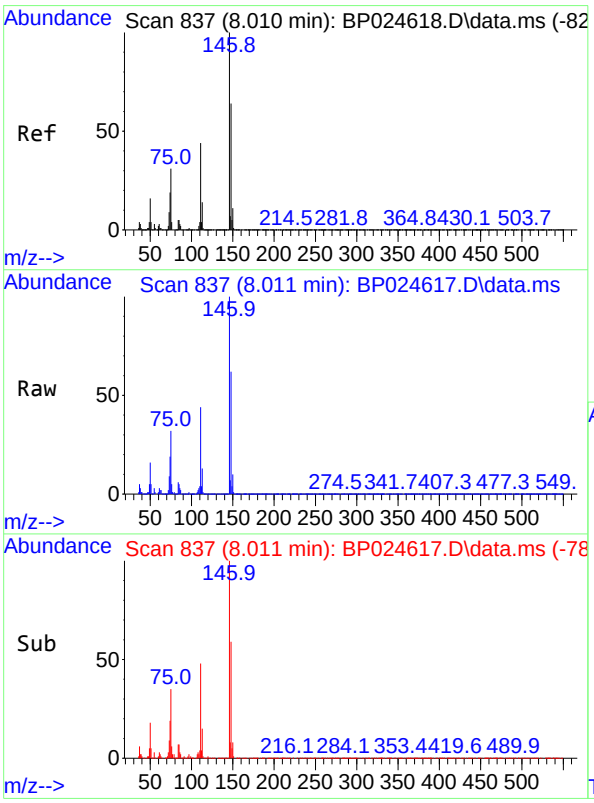
#13
1,4-Dichlorobenzene
Concen: 19.85 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

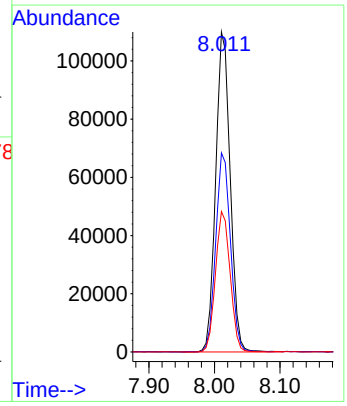


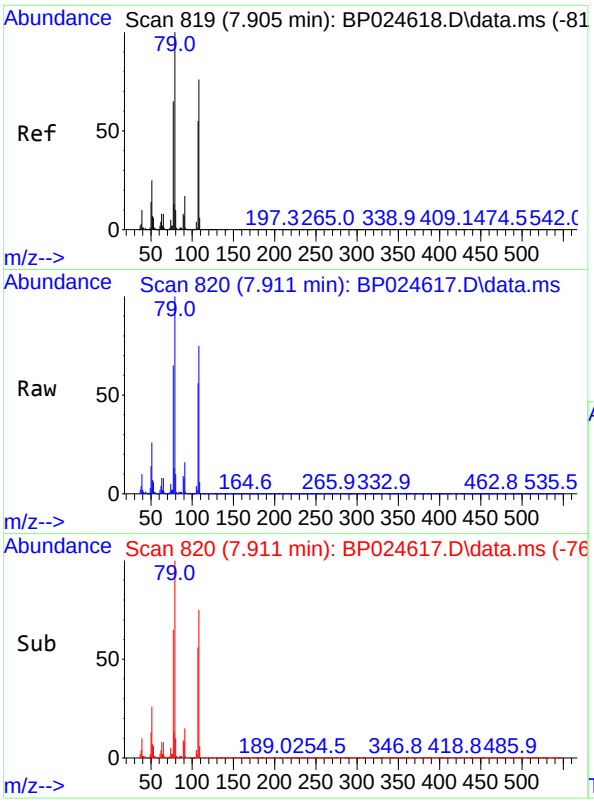


#14
1,2-Dichlorobenzene
Concen: 20.02 ng
RT: 8.011 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



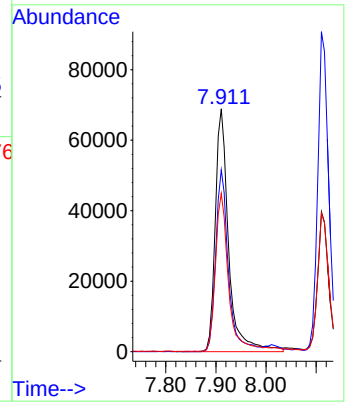


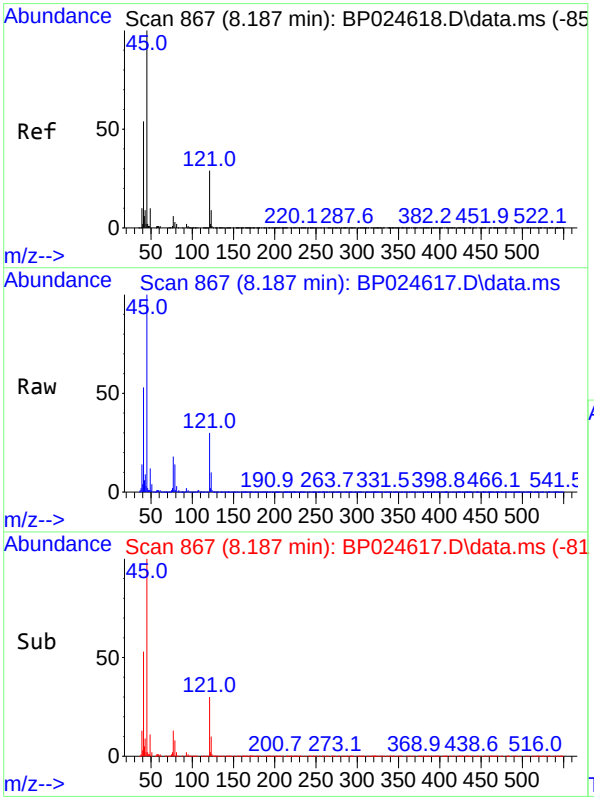
#15
Benzyl Alcohol
Concen: 19.89 ng
RT: 7.911 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

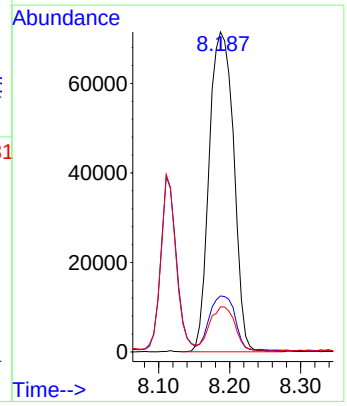


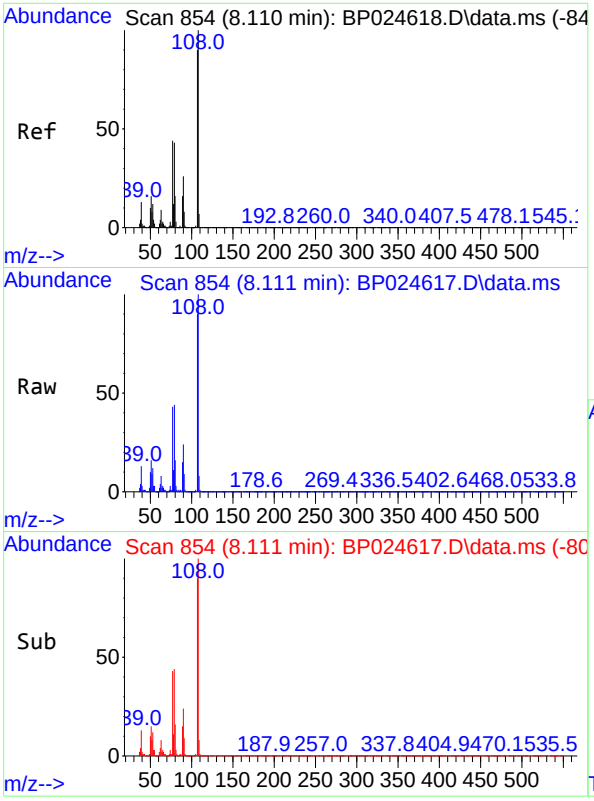


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.06 ng
RT: 8.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



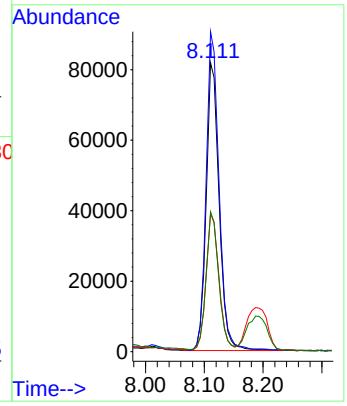


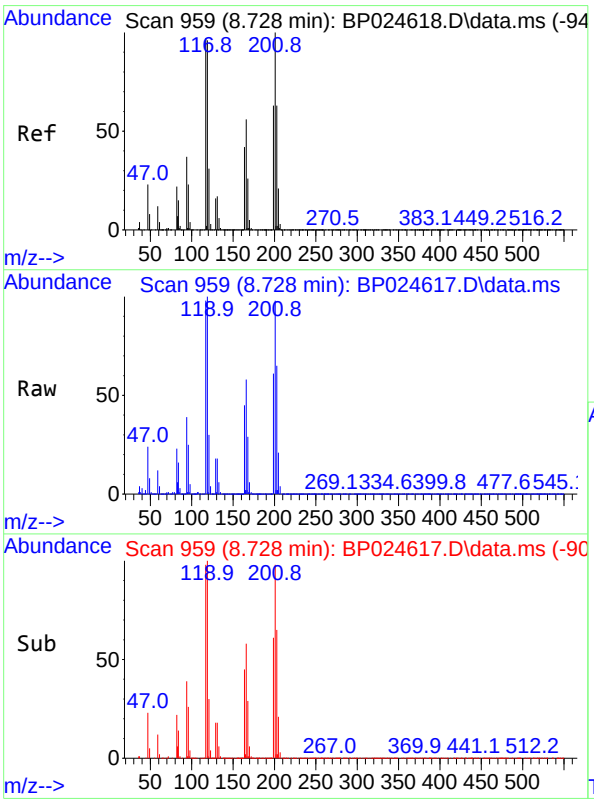
#17
2-Methylphenol
Concen: 20.01 ng
RT: 8.111 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

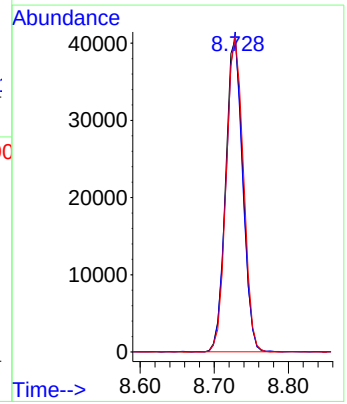


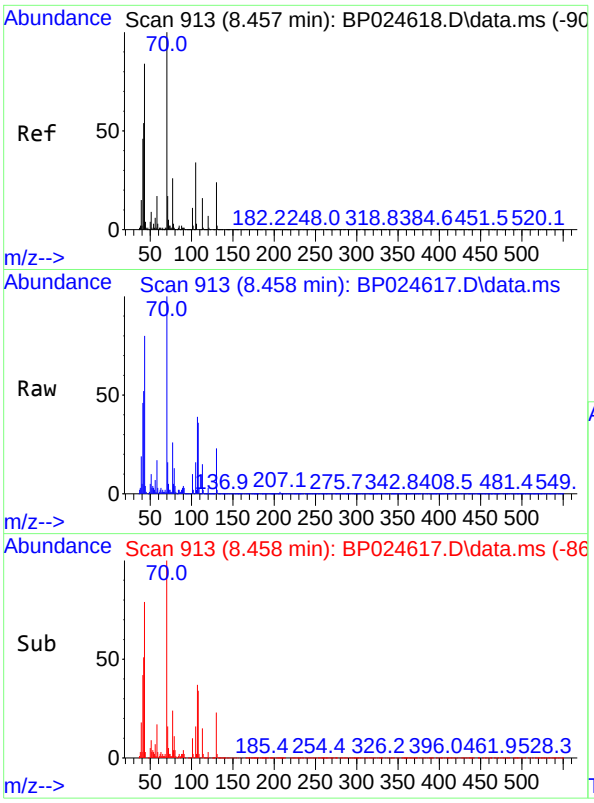


#18
Hexachloroethane
Concen: 19.76 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



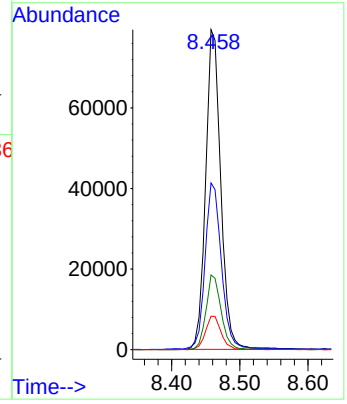


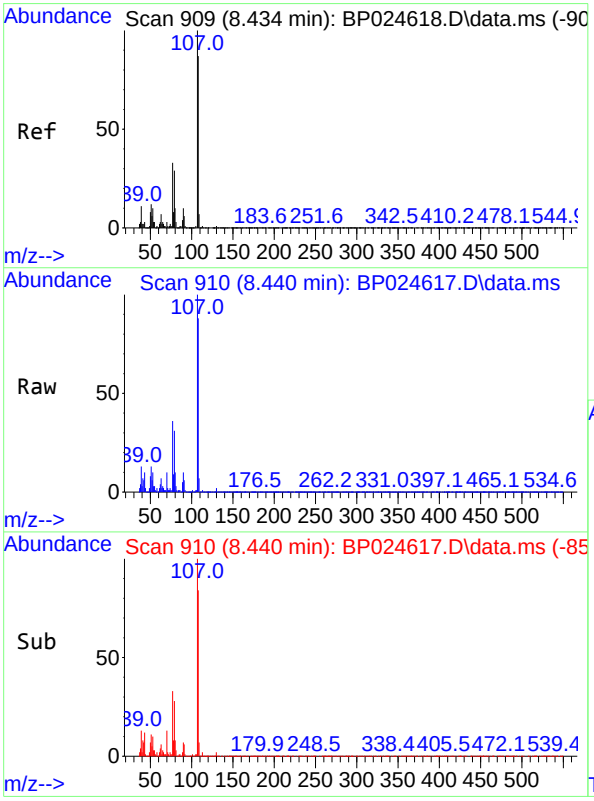
#19
n-Nitroso-di-n-propylamine
Concen: 21.05 ng
RT: 8.458 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

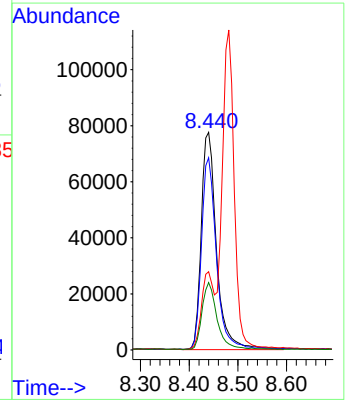


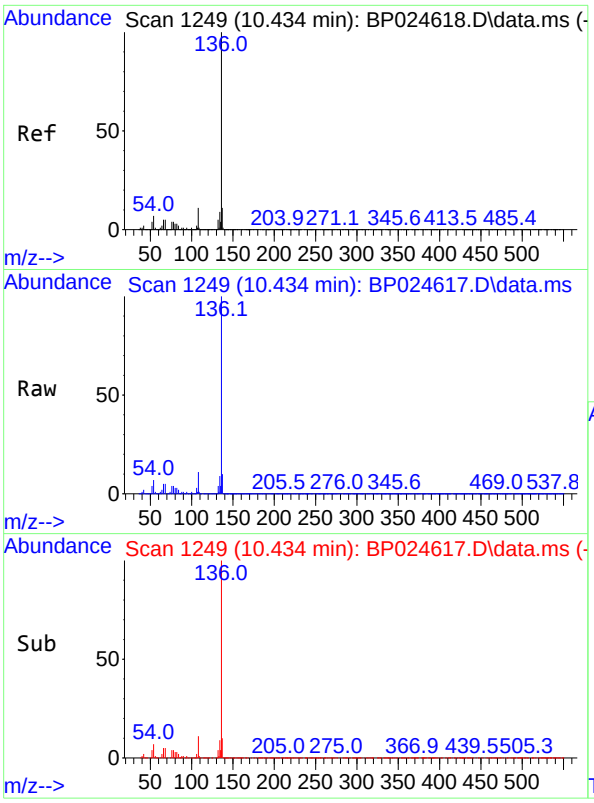


#20
3+4-Methylphenols
Concen: 20.00 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



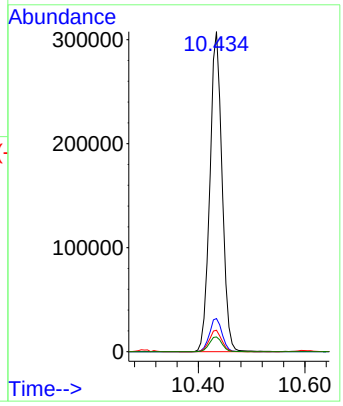


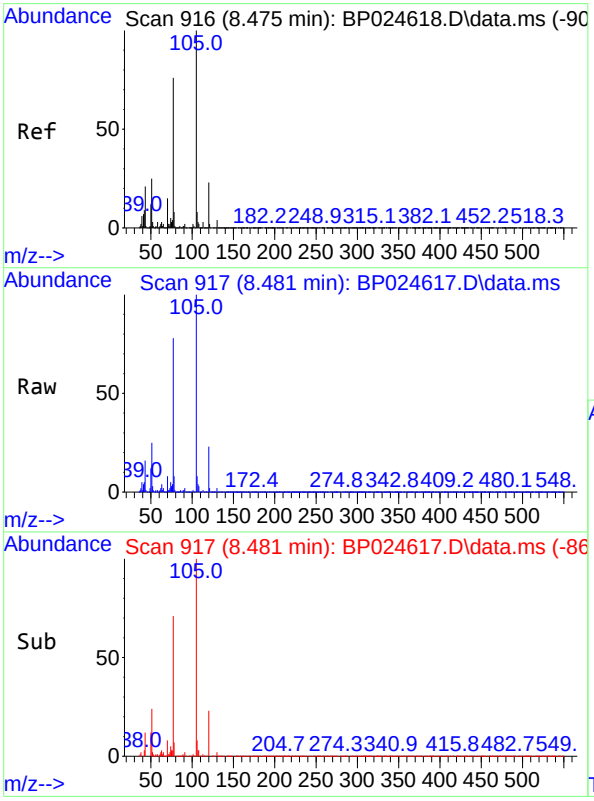
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

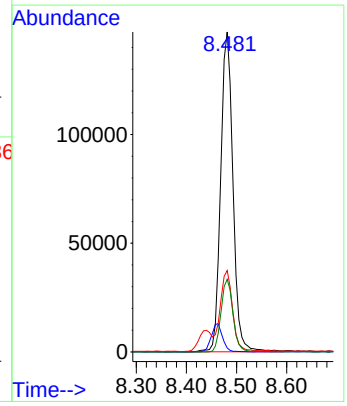


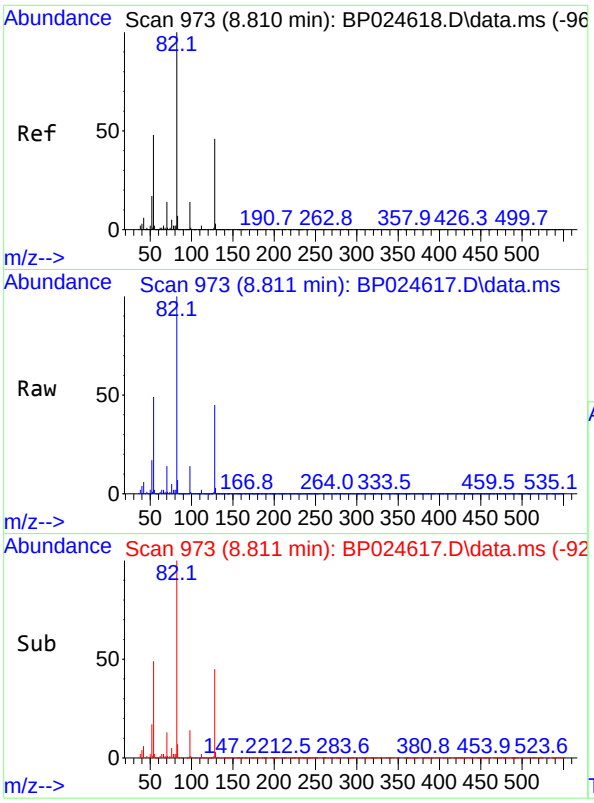


#22
Acetophenone
Concen: 20.45 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



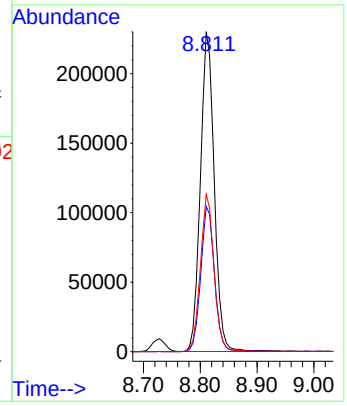


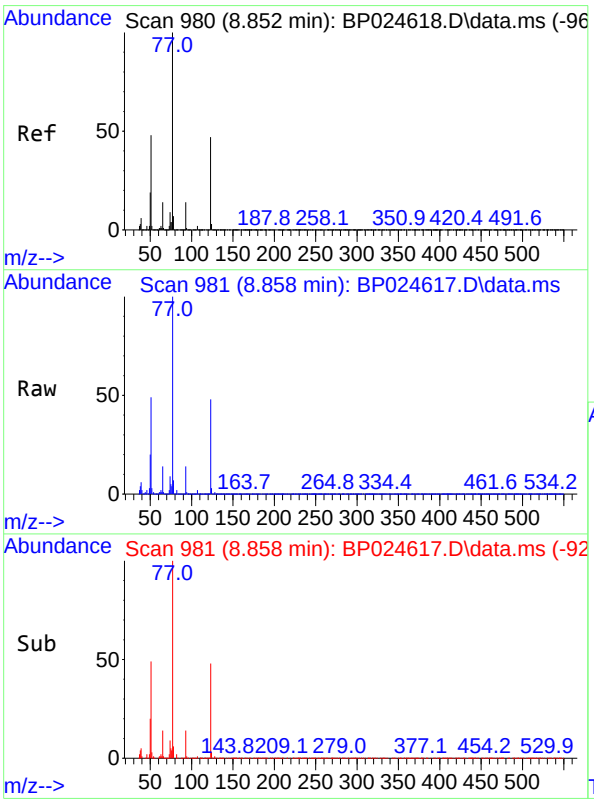
#23
Nitrobenzene-d5
Concen: 40.50 ng
RT: 8.811 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

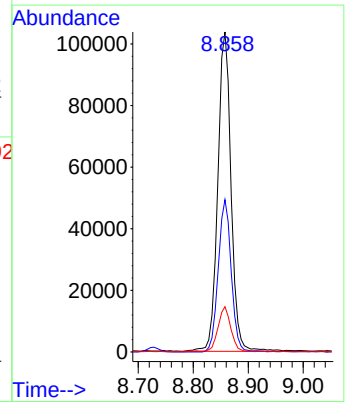


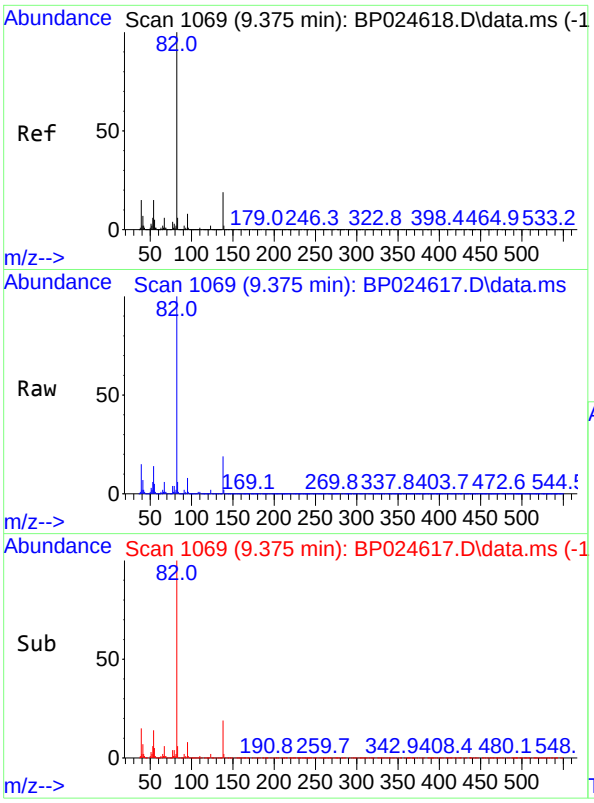


#24
Nitrobenzene
Concen: 20.40 ng
RT: 8.858 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



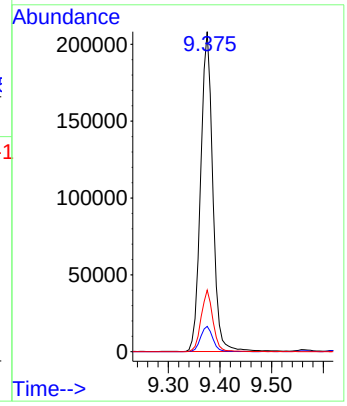


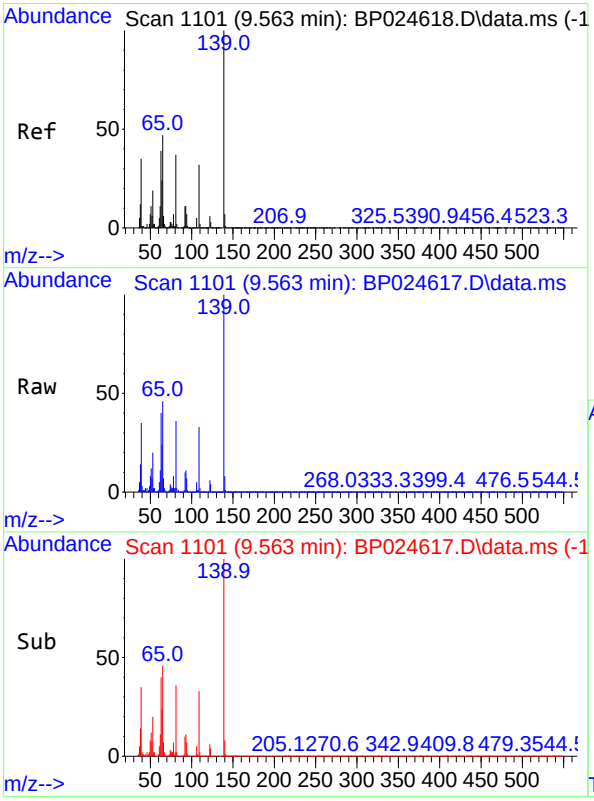
#25
Isophorone
Concen: 20.25 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

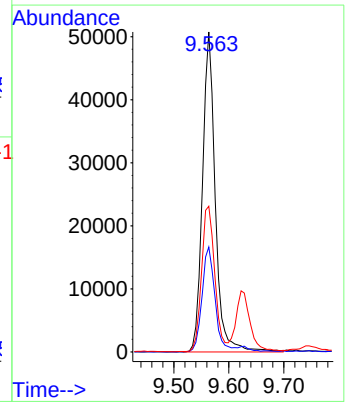


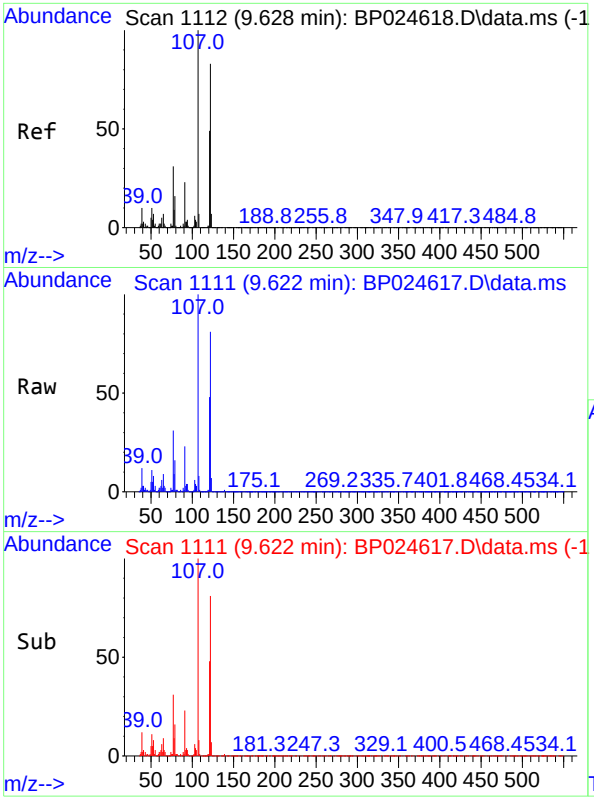


#26
2-Nitrophenol
Concen: 19.73 ng
RT: 9.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



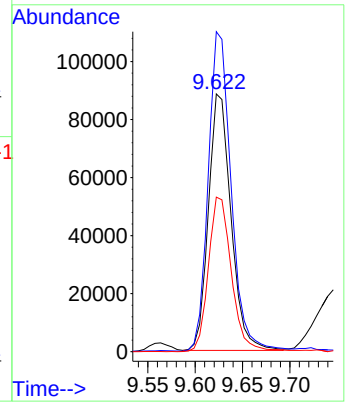


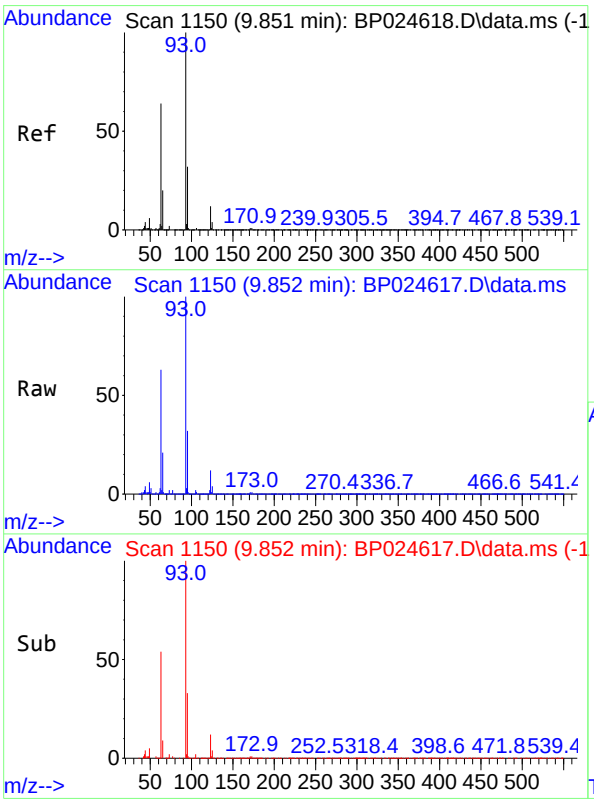
#27
2,4-Dimethylphenol
Concen: 19.96 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

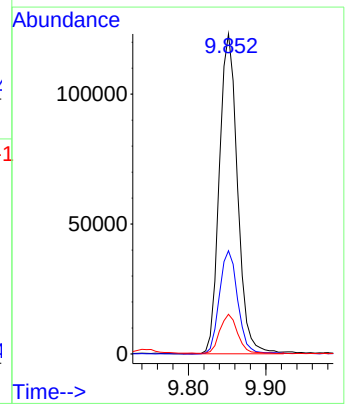


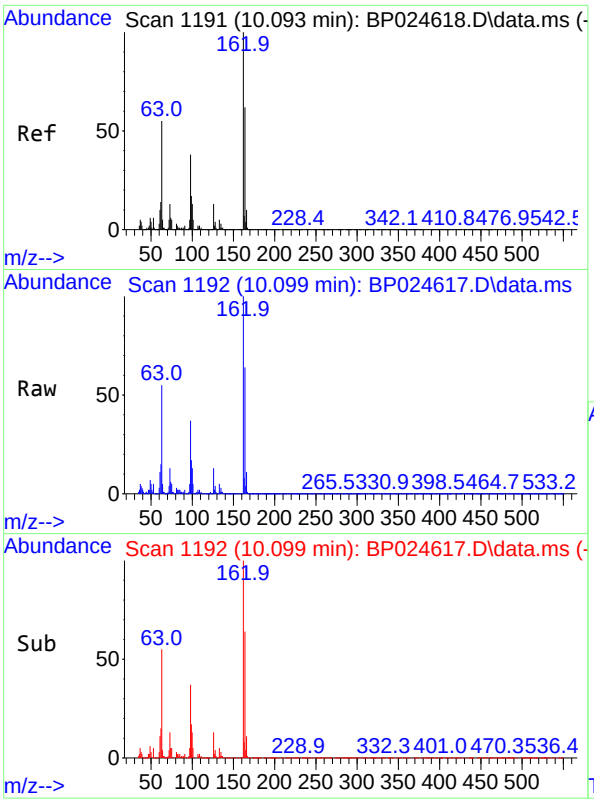


#28
bis(2-Chloroethoxy)methane
Concen: 20.04 ng
RT: 9.852 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



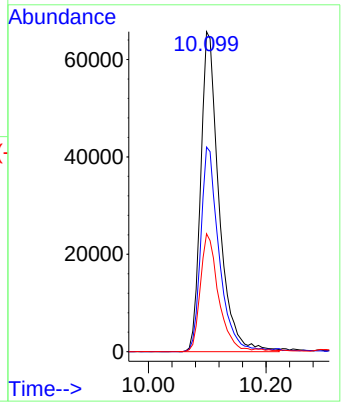


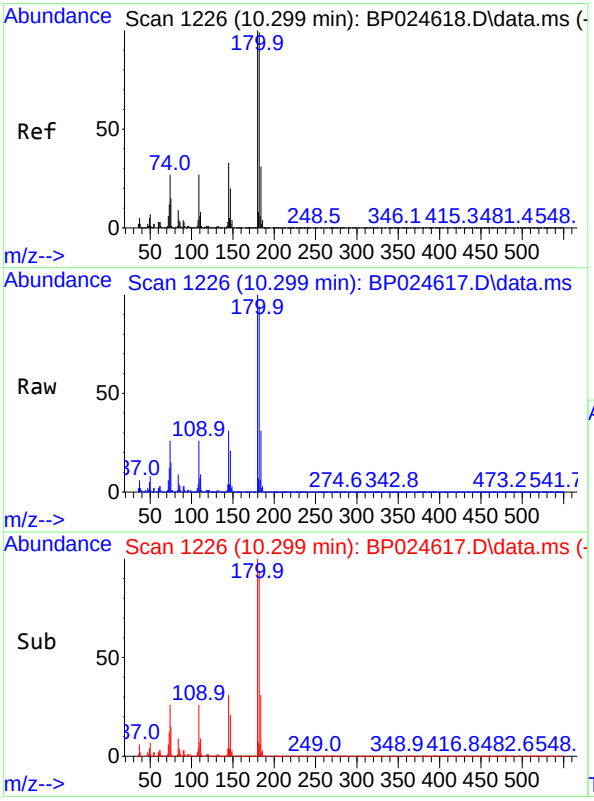
#29
2,4-Dichlorophenol
Concen: 19.90 ng
RT: 10.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

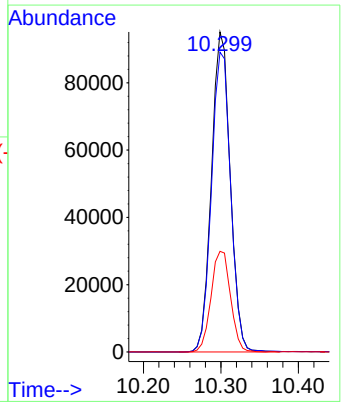


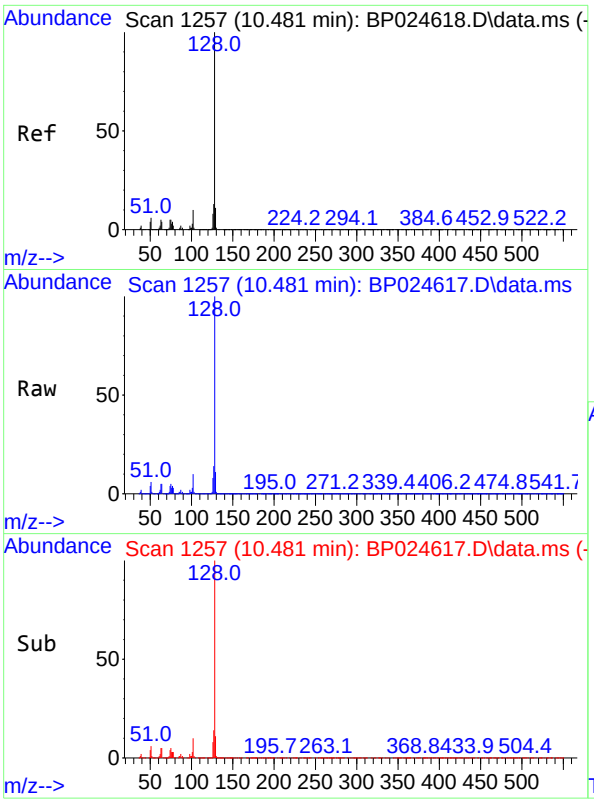


#30
1,2,4-Trichlorobenzene
Concen: 19.92 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



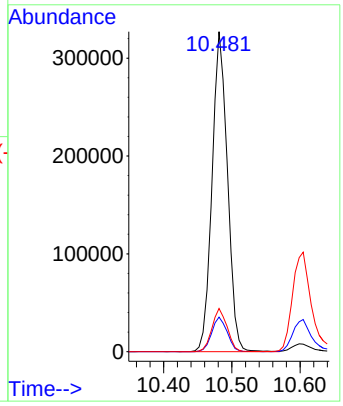


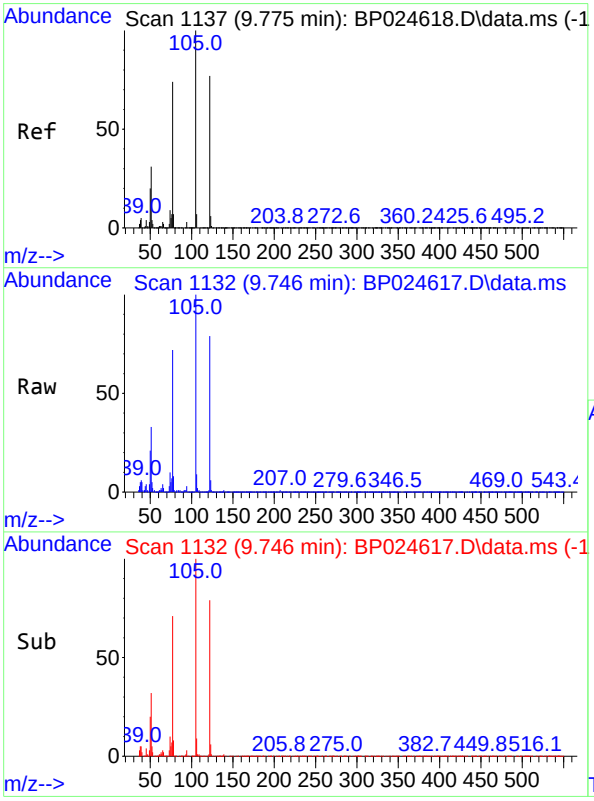
#31
Naphthalene
Concen: 20.25 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

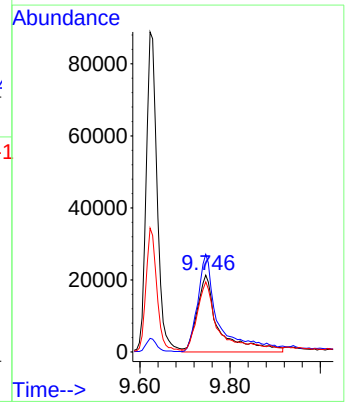


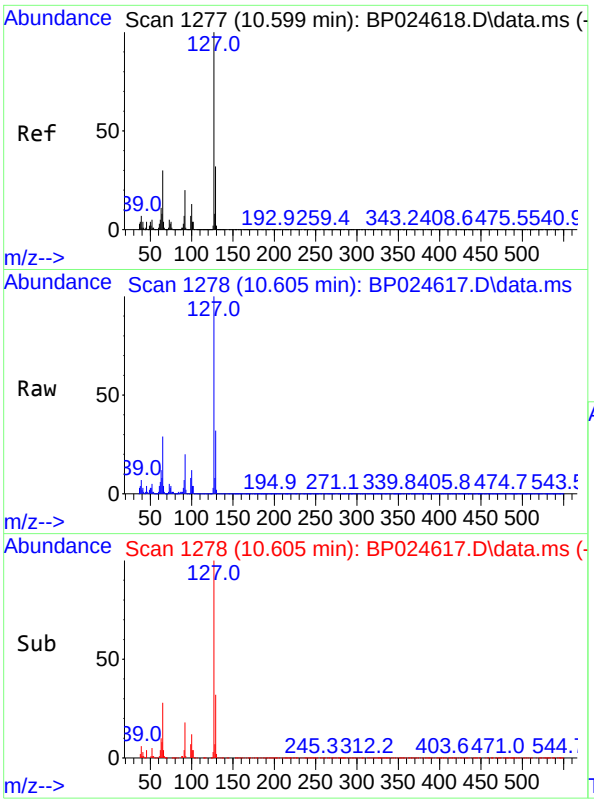


#32
Benzoic acid
Concen: 18.73 ng m
RT: 9.746 min Scan# 1132
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



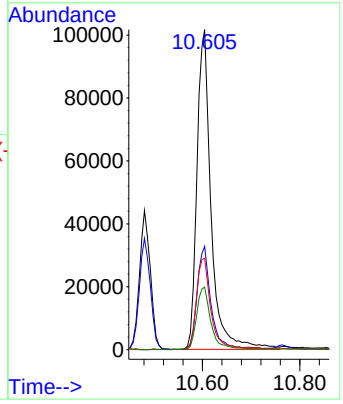


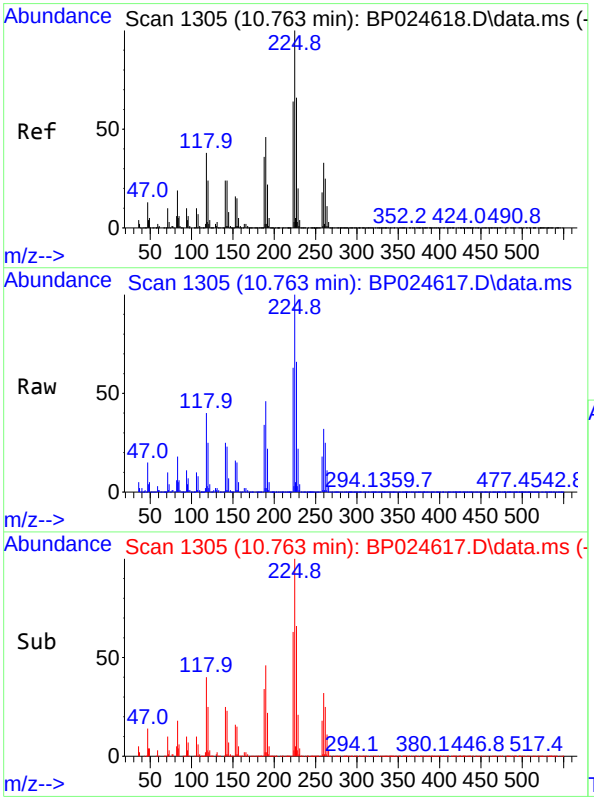
#33
4-Chloroaniline
Concen: 20.10 ng
RT: 10.605 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

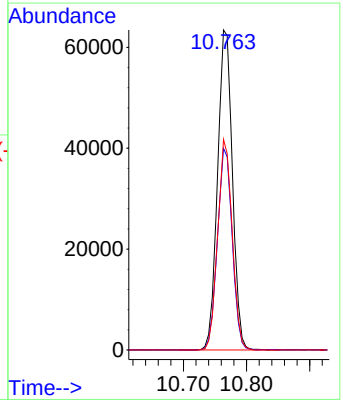


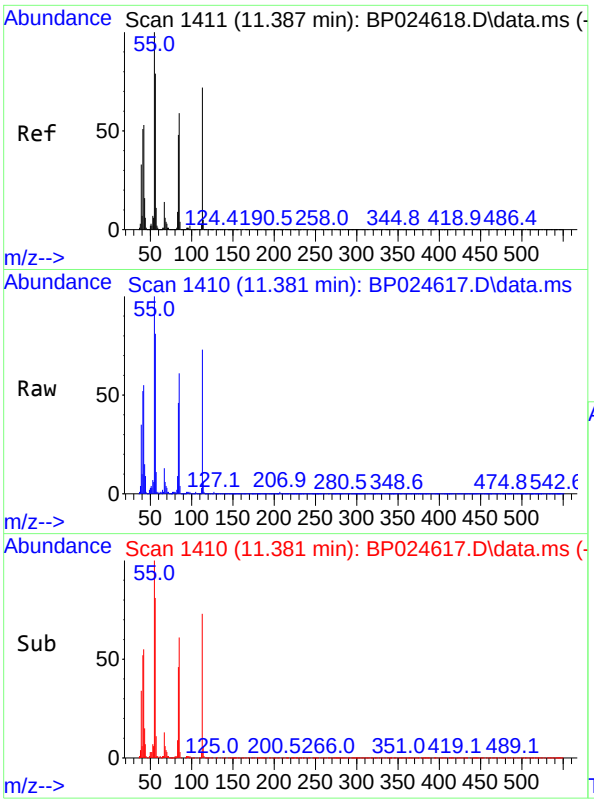


#34
Hexachlorobutadiene
Concen: 19.87 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



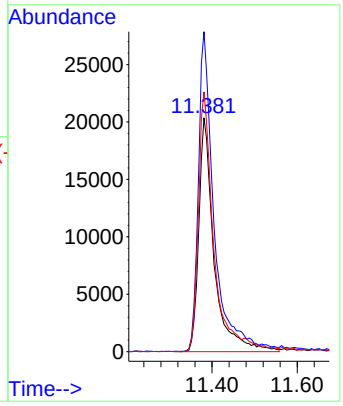


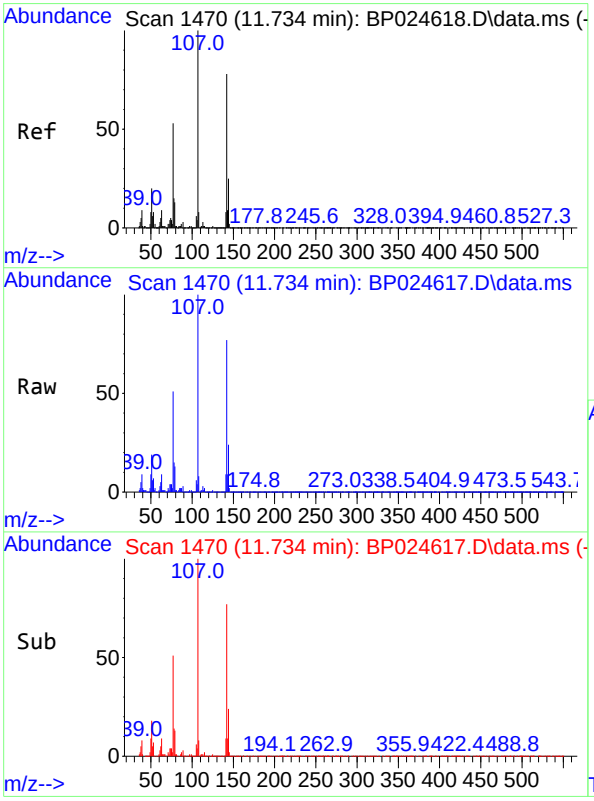
#35
Caprolactam
Concen: 19.68 ng
RT: 11.381 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

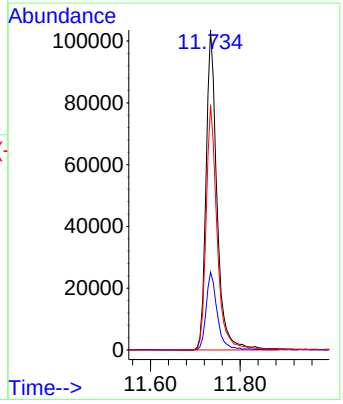


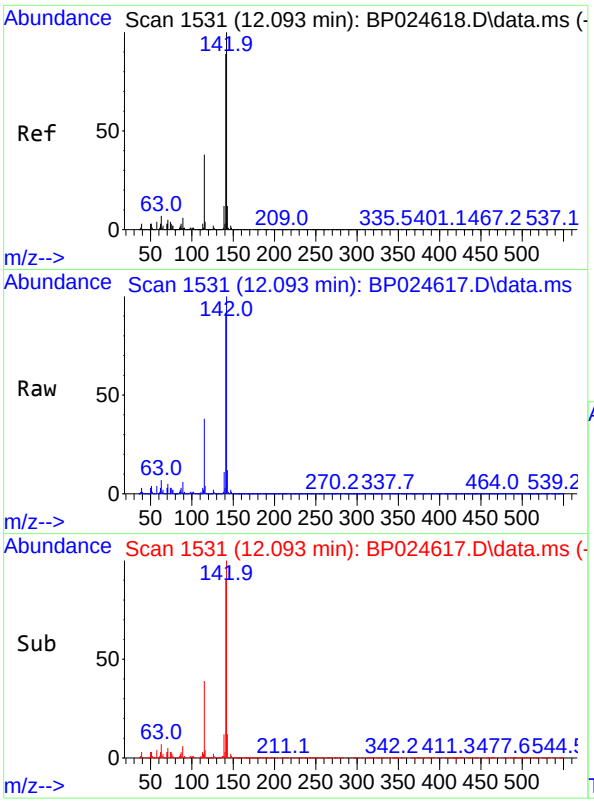


#36
4-Chloro-3-methylphenol
Concen: 20.12 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



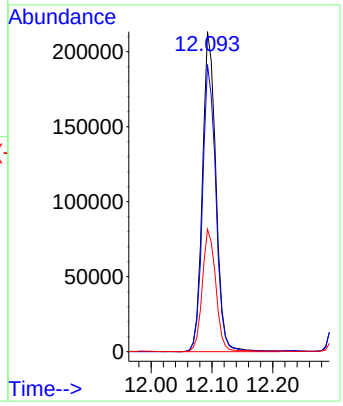


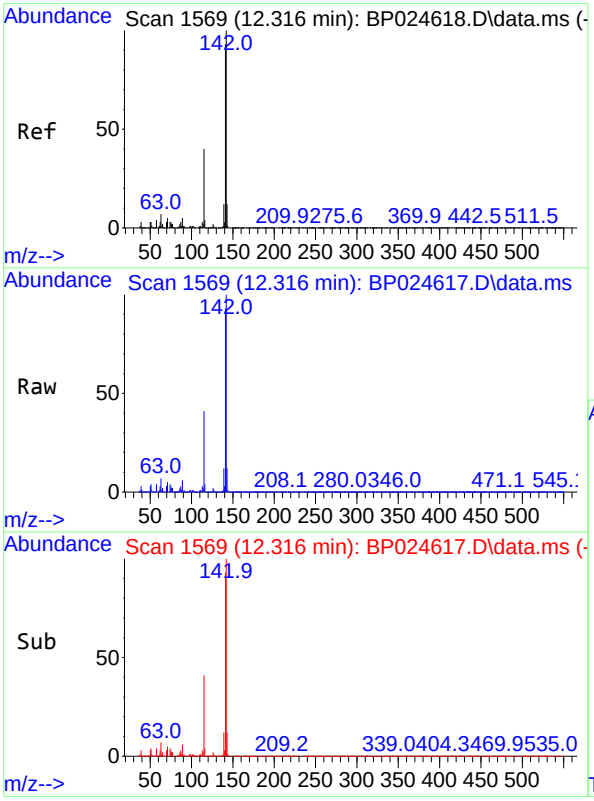
#37
2-Methylnaphthalene
Concen: 19.97 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

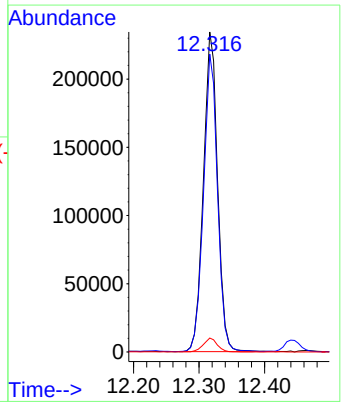


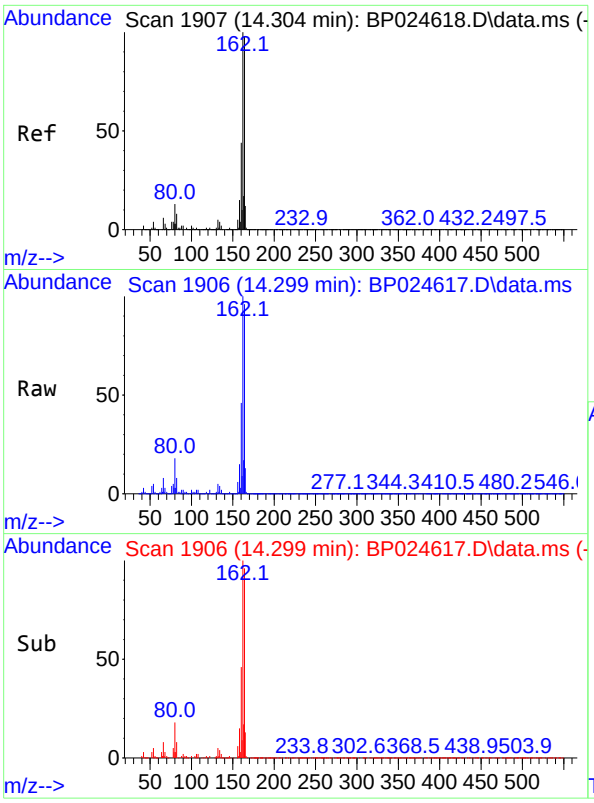


#38
1-Methylnaphthalene
Concen: 20.07 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



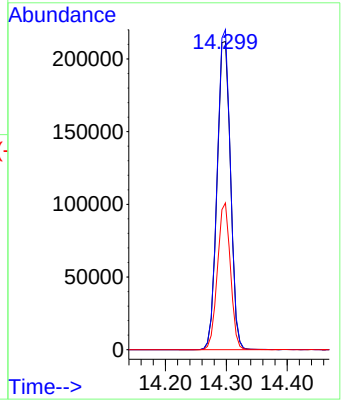


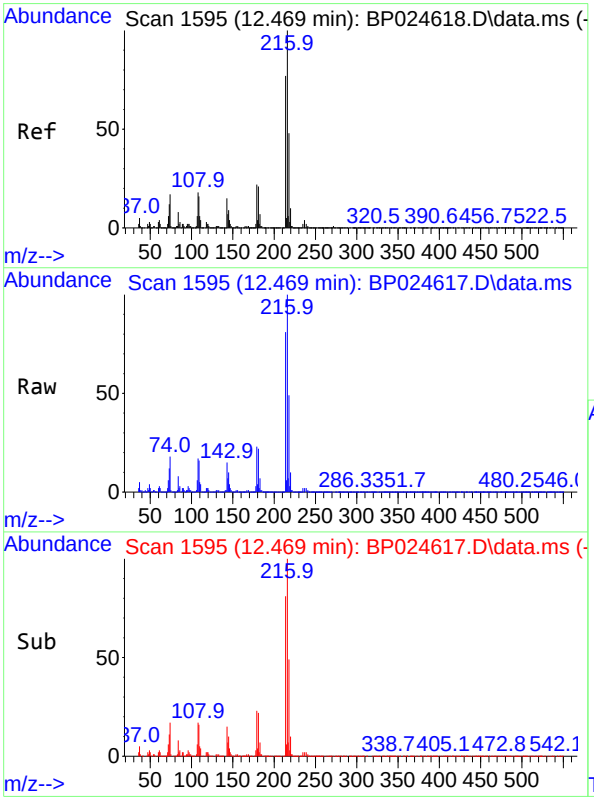
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

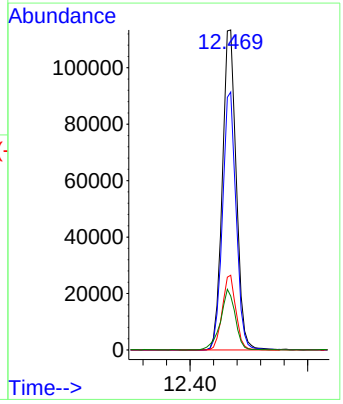


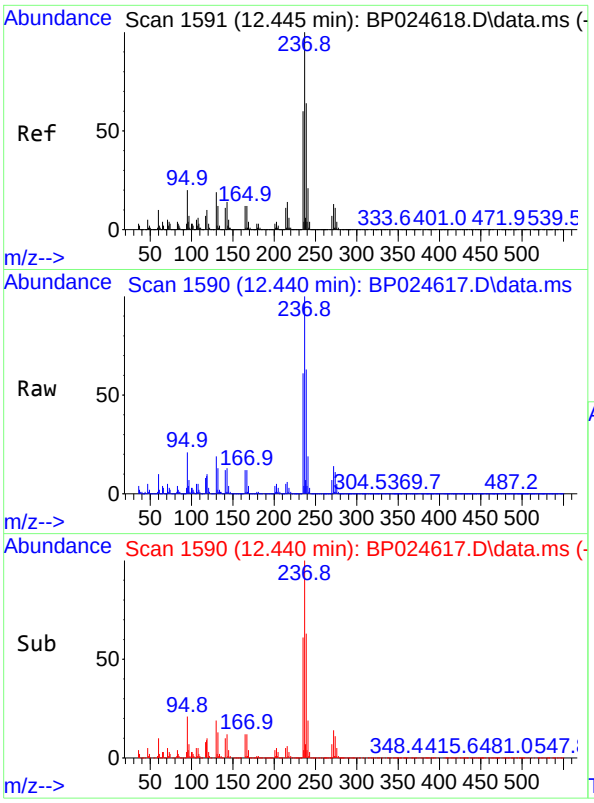


#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.77 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



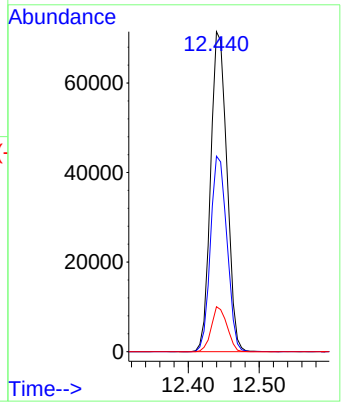


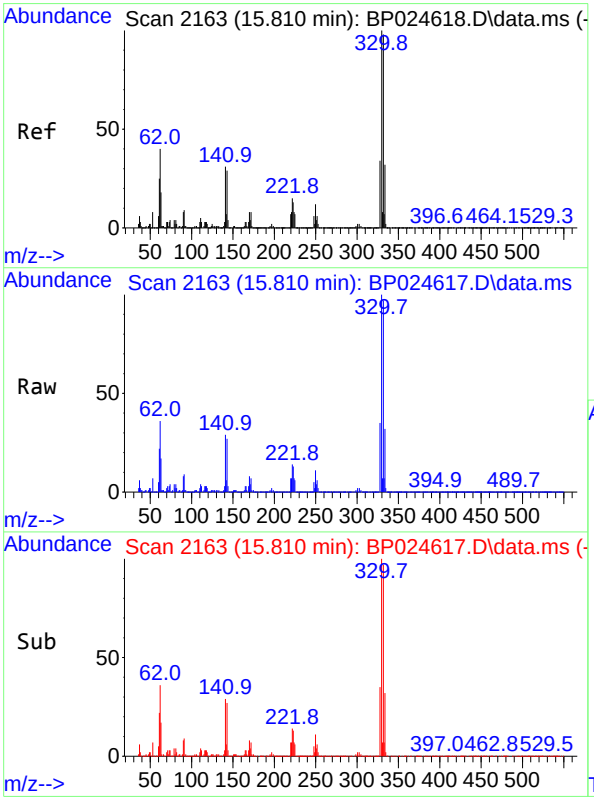
#41
Hexachlorocyclopentadiene
Concen: 19.90 ng
RT: 12.440 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

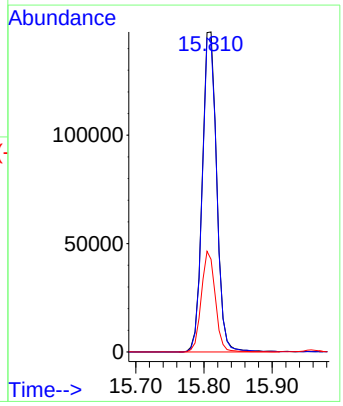


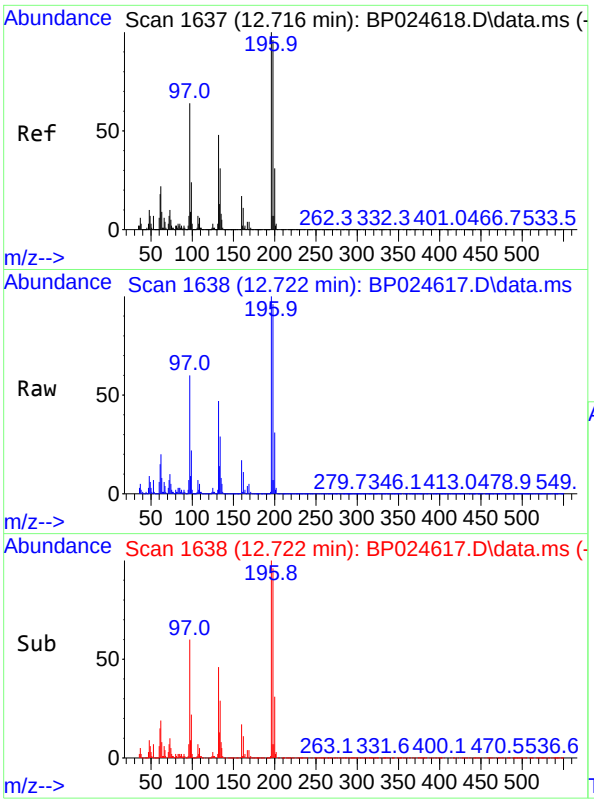


#42
2,4,6-Tribromophenol
Concen: 39.53 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



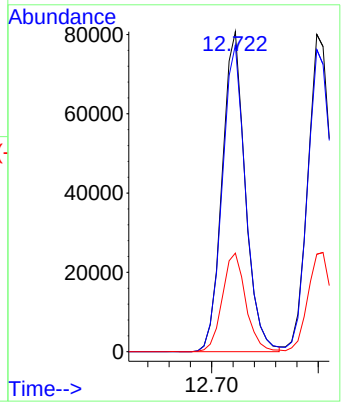


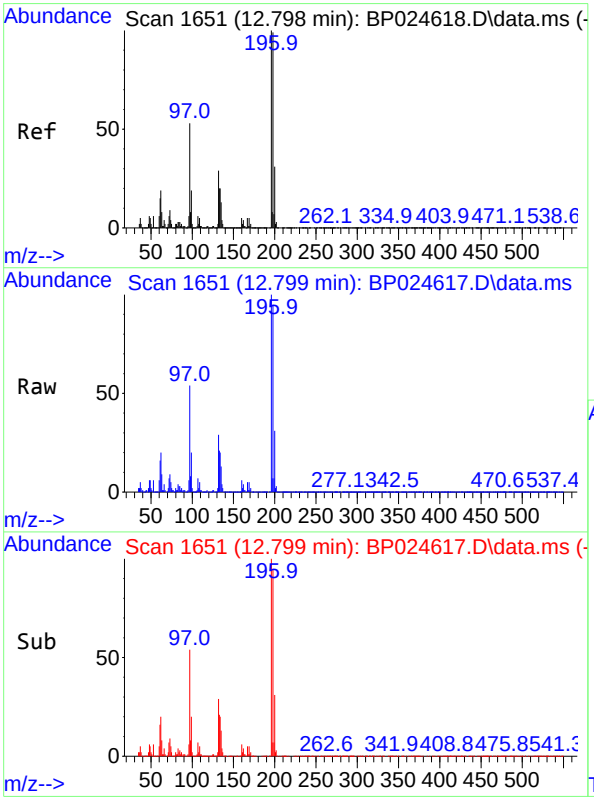
#43
2,4,6-Trichlorophenol
Concen: 19.95 ng
RT: 12.722 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

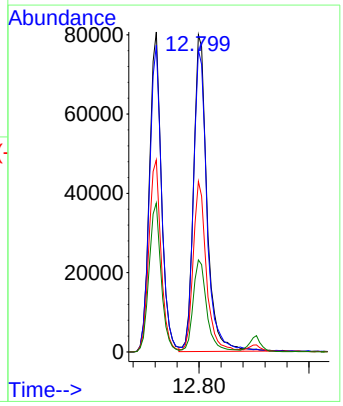


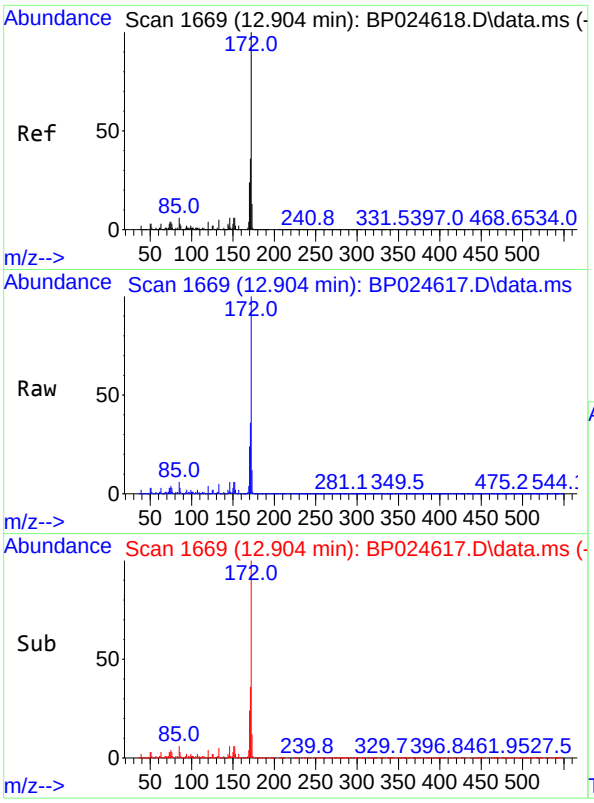


#44
2,4,5-Trichlorophenol
Concen: 19.95 ng
RT: 12.799 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



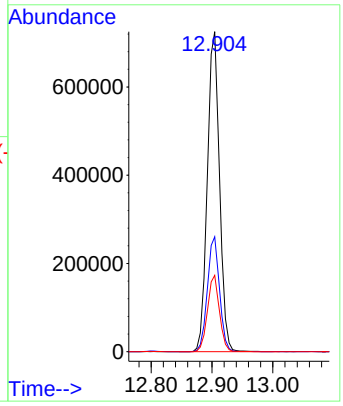


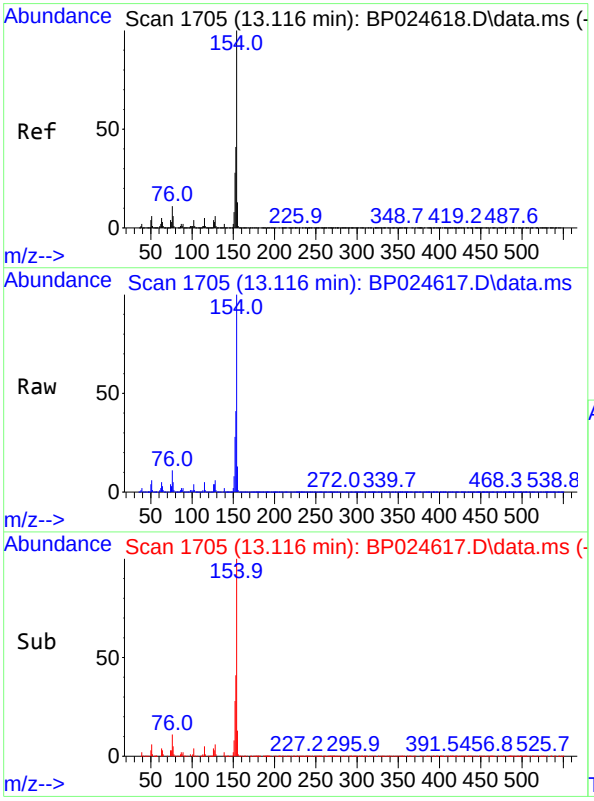
#45
2-Fluorobiphenyl
Concen: 40.69 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

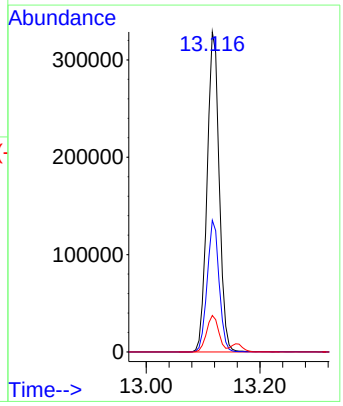


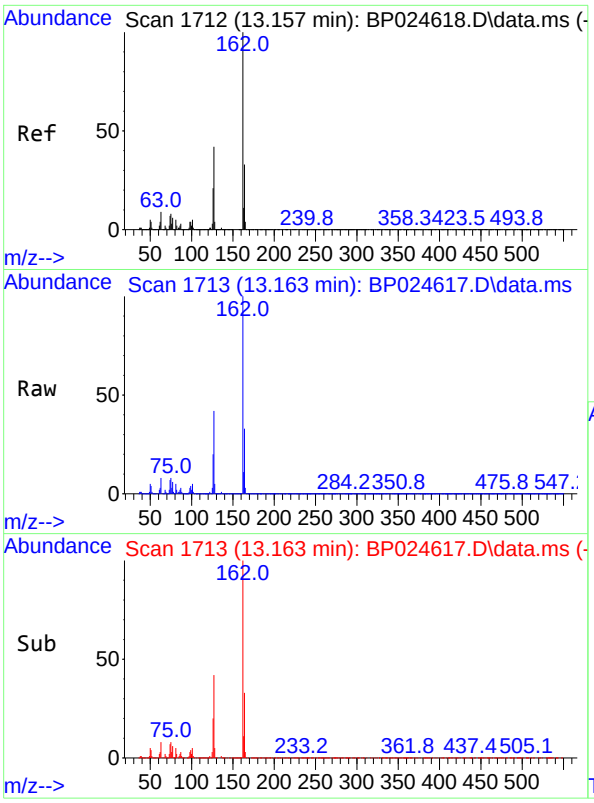


#46
1,1'-Biphenyl
Concen: 20.19 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



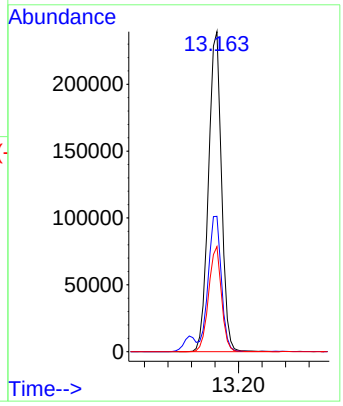


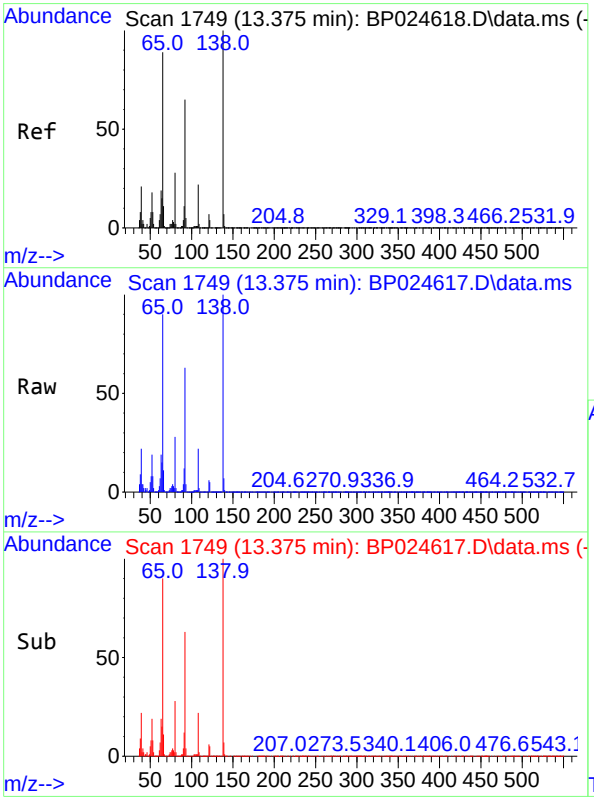
#47
2-Chloronaphthalene
Concen: 20.06 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

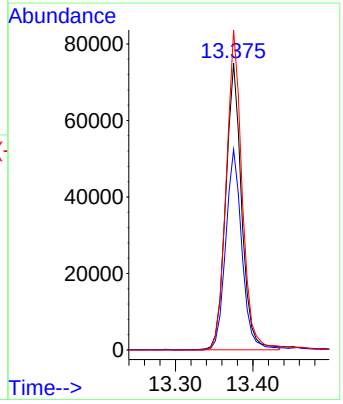


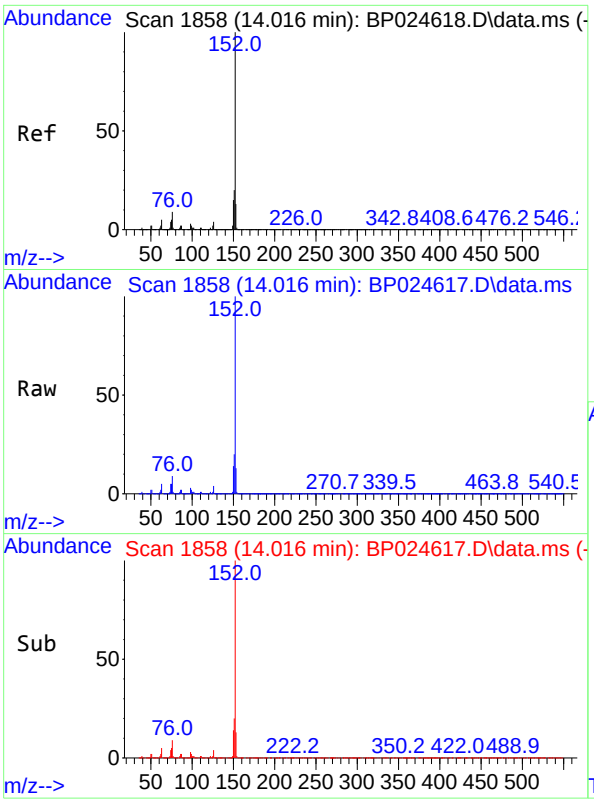


#48
2-Nitroaniline
Concen: 19.81 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



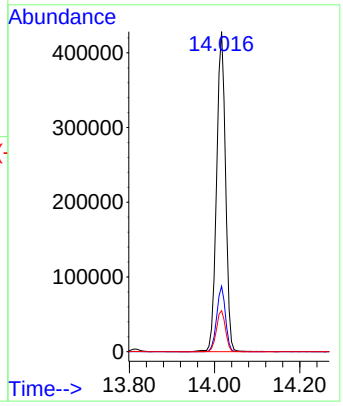


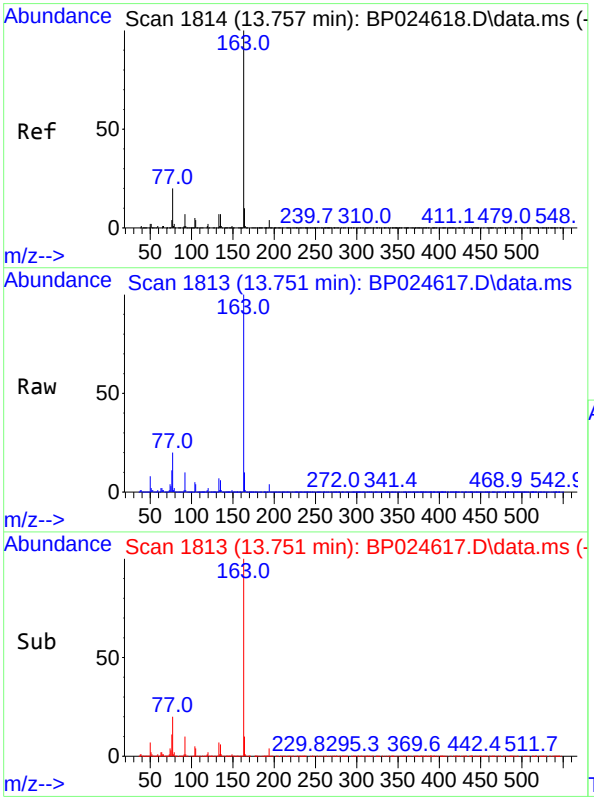
#49
Acenaphthylene
Concen: 20.36 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

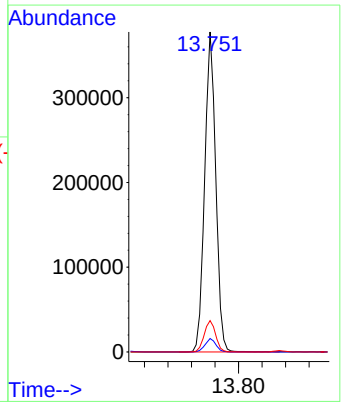


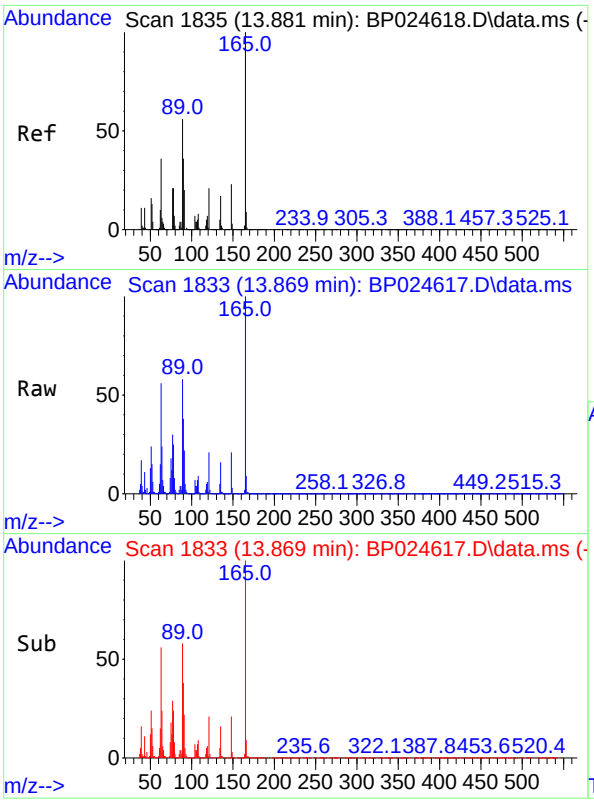


#50
Dimethylphthalate
Concen: 19.91 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



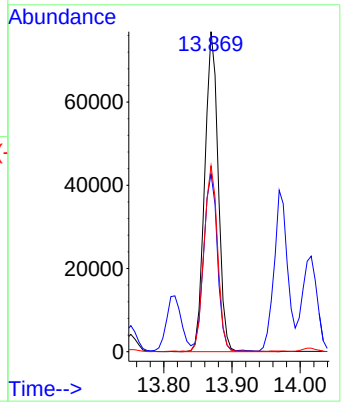


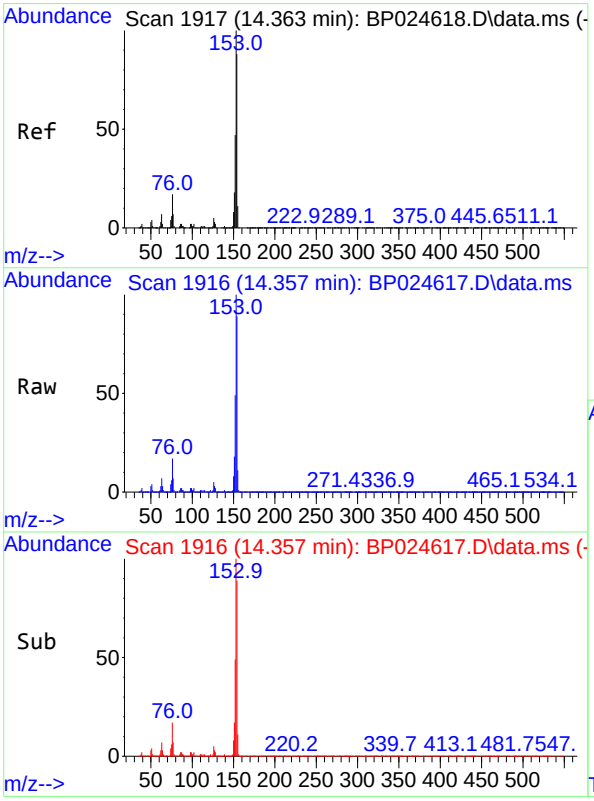
#51
2,6-Dinitrotoluene
Concen: 20.23 ng
RT: 13.869 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

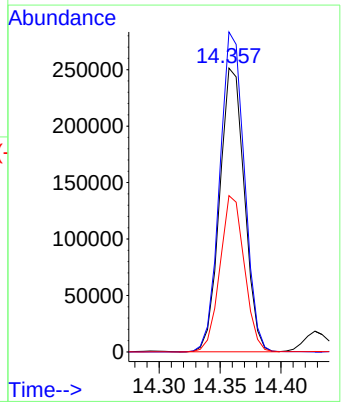


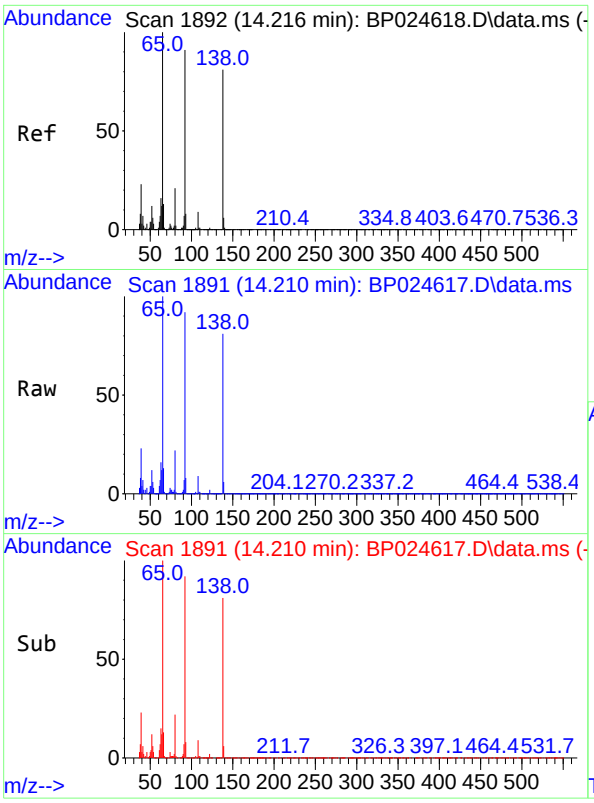


#52
Acenaphthene
Concen: 20.19 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



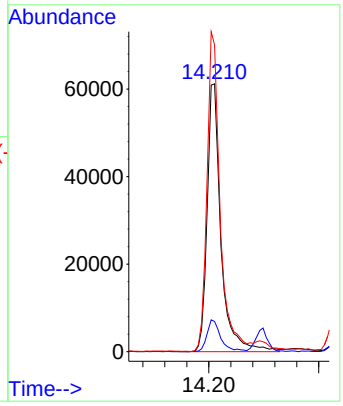


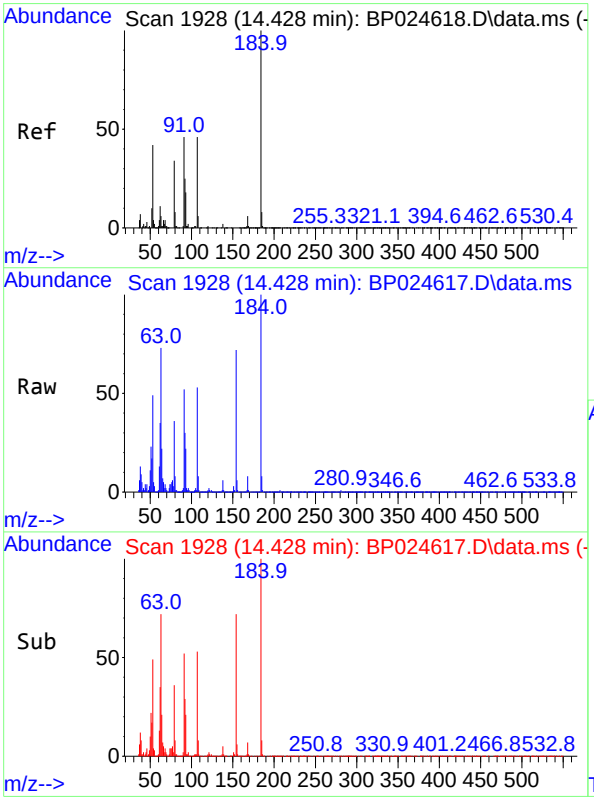
#53
3-Nitroaniline
Concen: 20.01 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

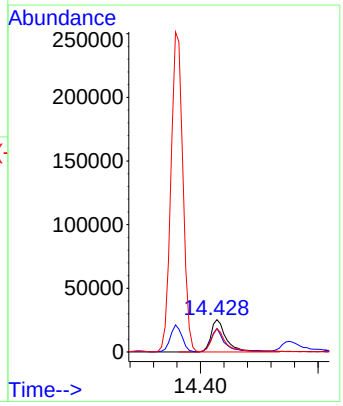


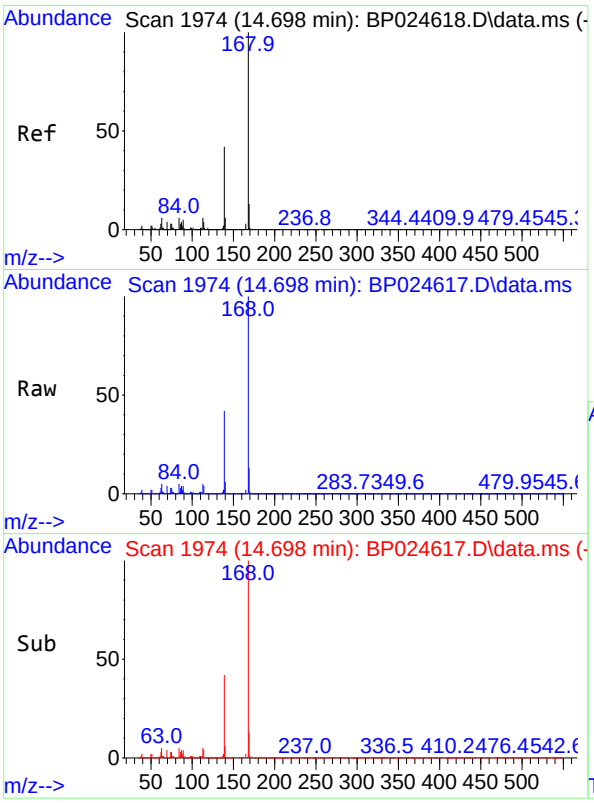


#54
2,4-Dinitrophenol
Concen: 19.37 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



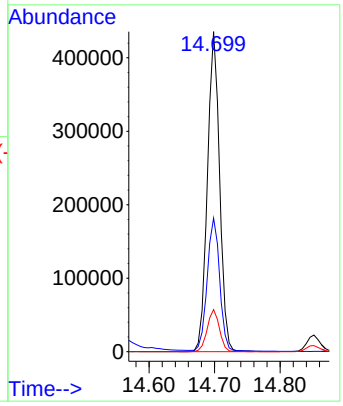


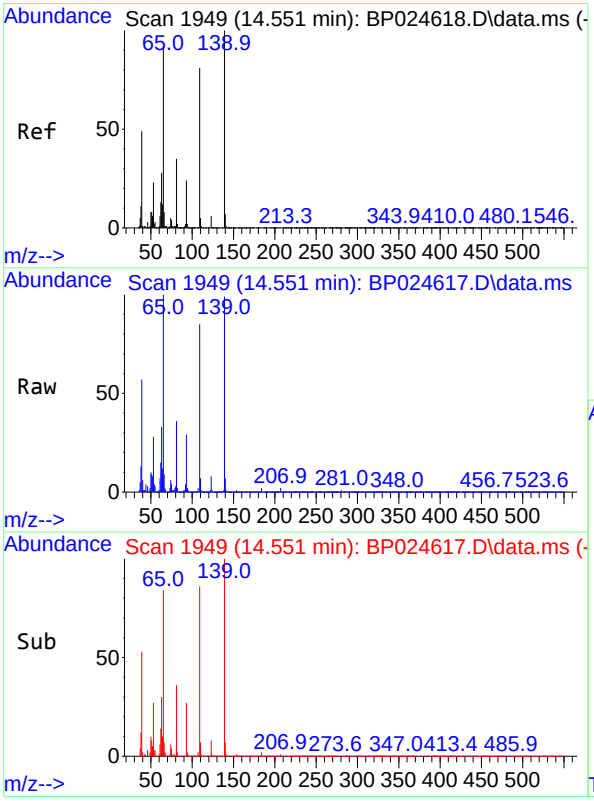
#55
Dibenzofuran
Concen: 20.12 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

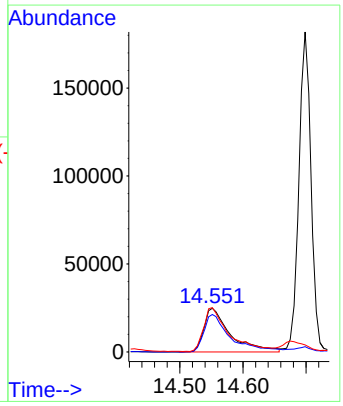


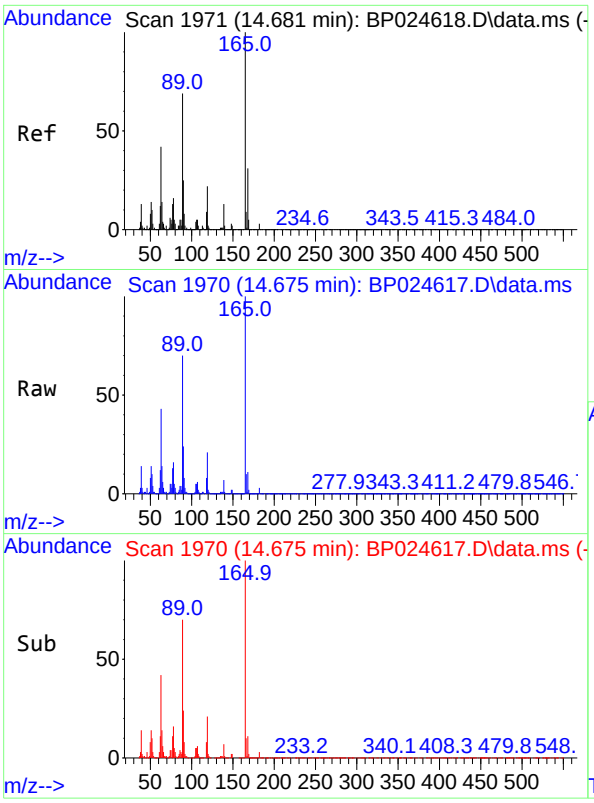


#56
4-Nitrophenol
Concen: 19.02 ng
RT: 14.551 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



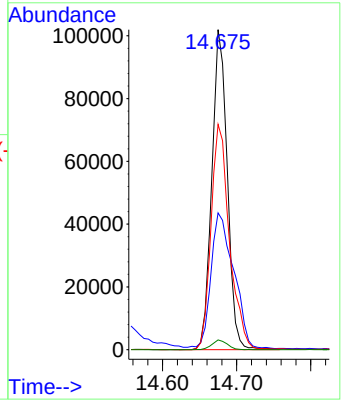


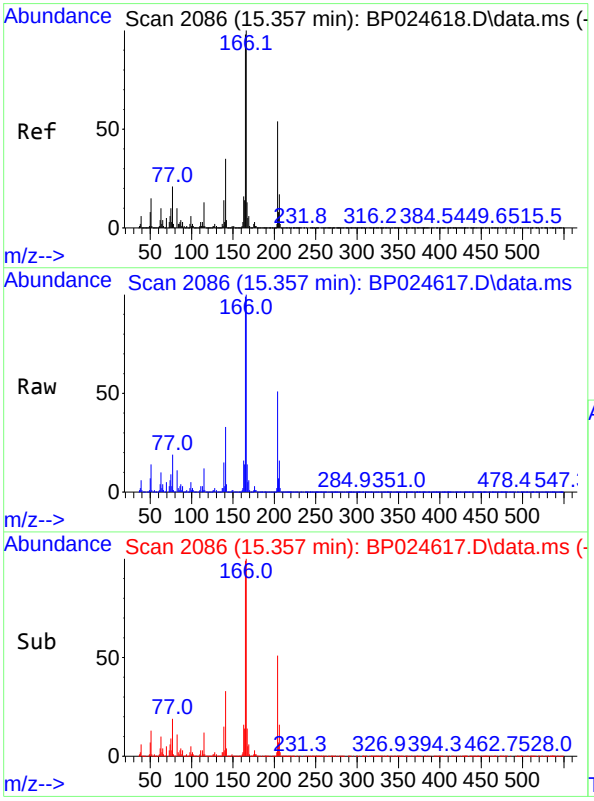
#57
2,4-Dinitrotoluene
Concen: 20.09 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

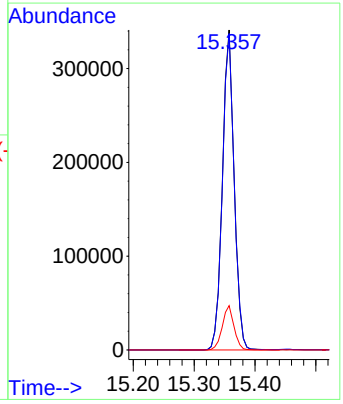


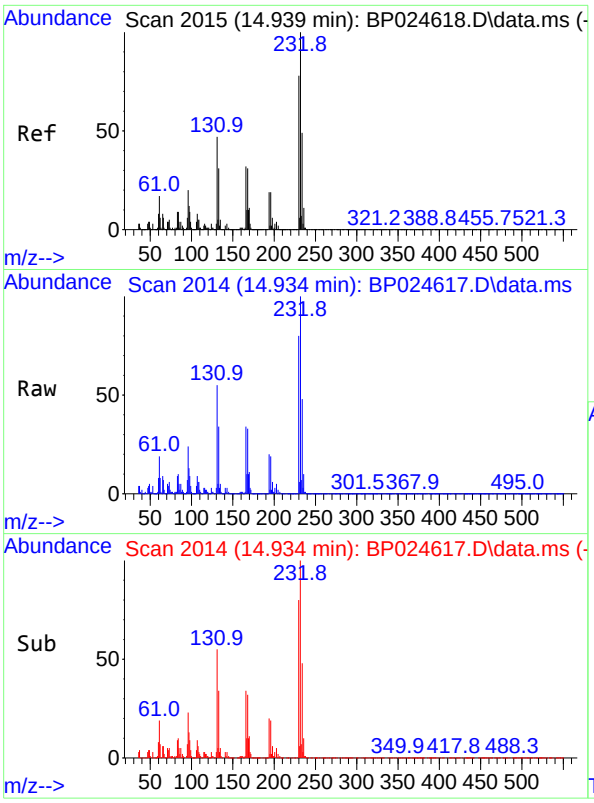


#58
Fluorene
Concen: 20.00 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



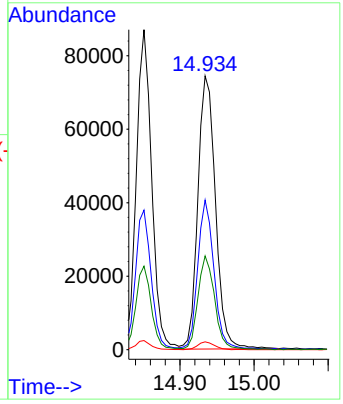


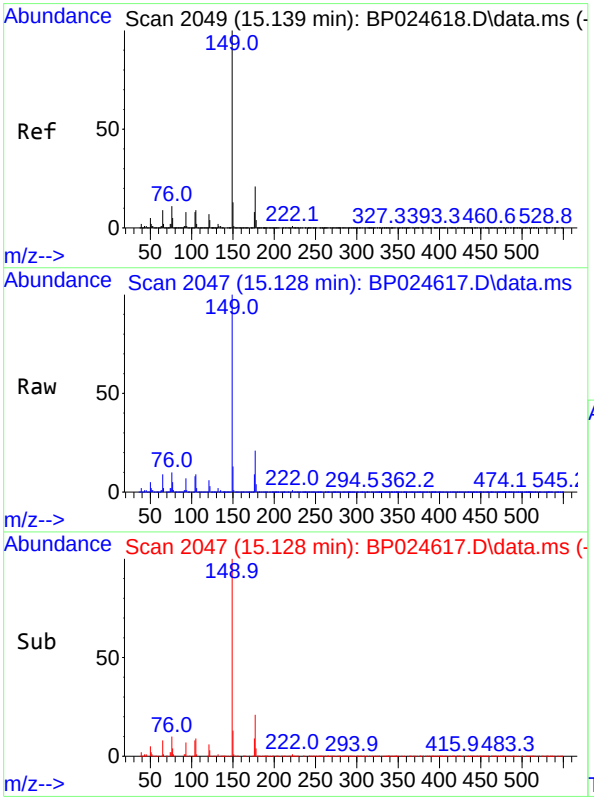
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.59 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

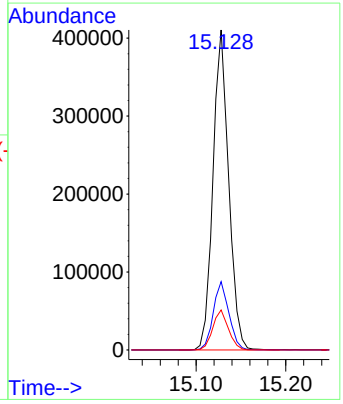


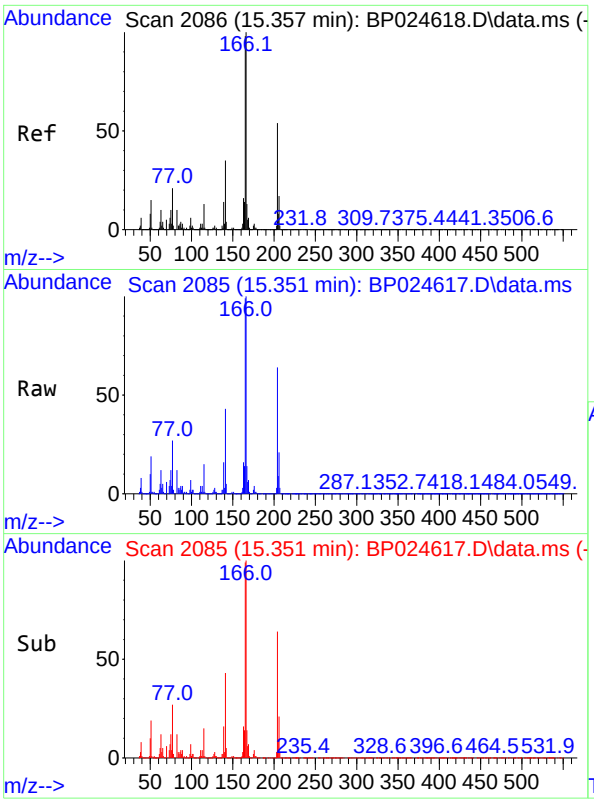


#60
Diethylphthalate
Concen: 19.95 ng
RT: 15.128 min Scan# 2047
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



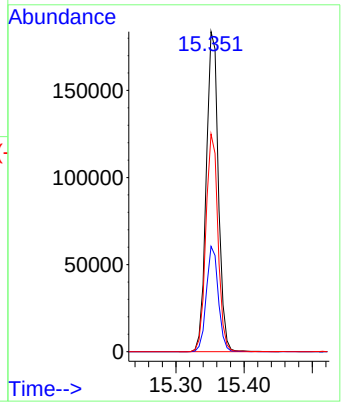


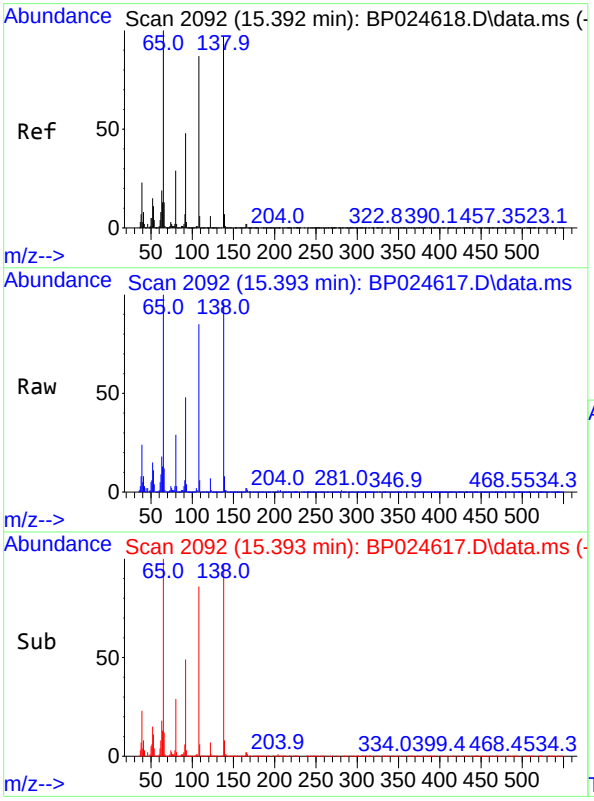
#61
4-Chlorophenyl-phenylether
Concen: 19.91 ng
RT: 15.351 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

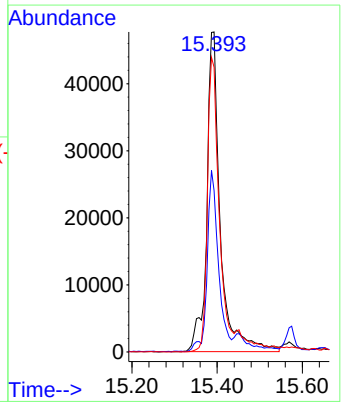


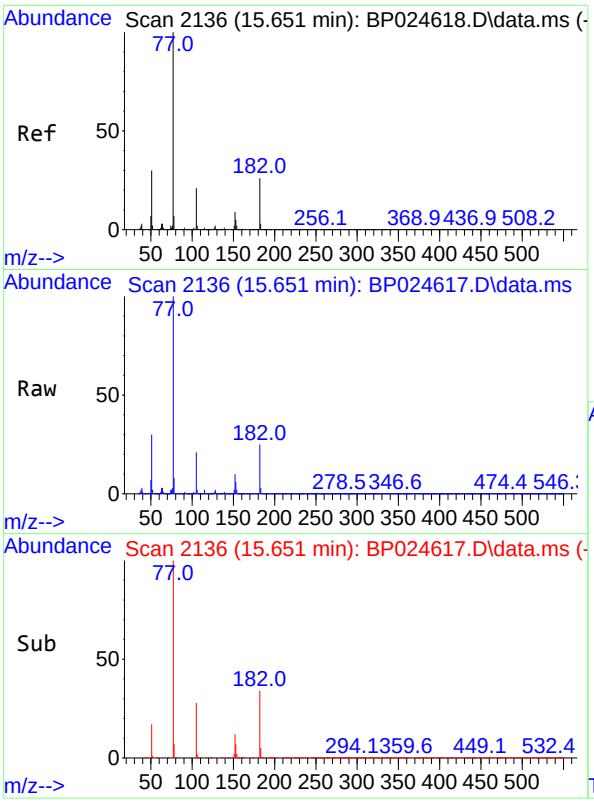


#62
4-Nitroaniline
Concen: 20.37 ng
RT: 15.393 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



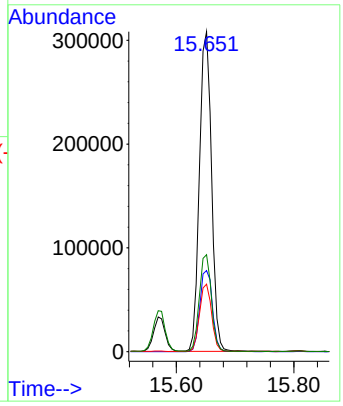


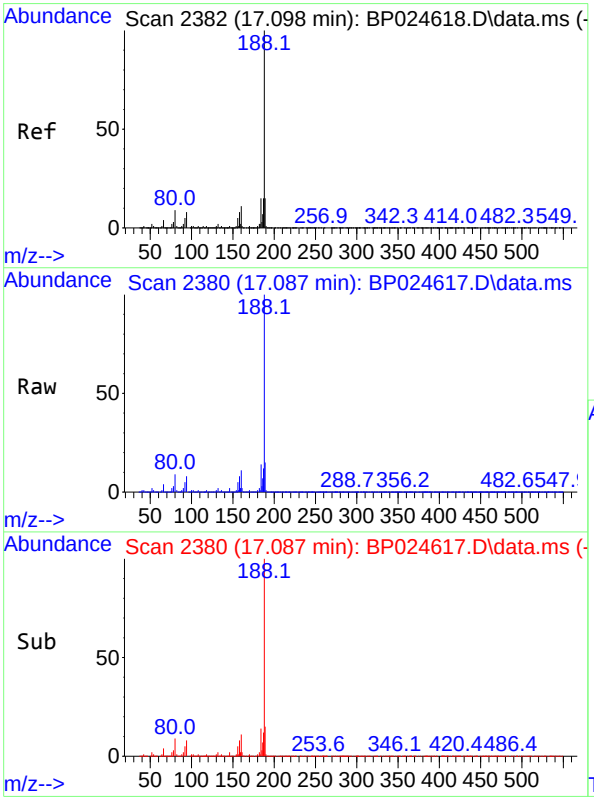
#63
Azobenzene
Concen: 20.57 ng
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

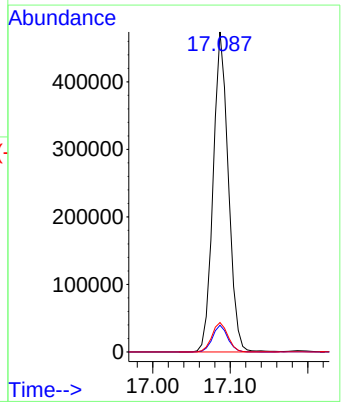


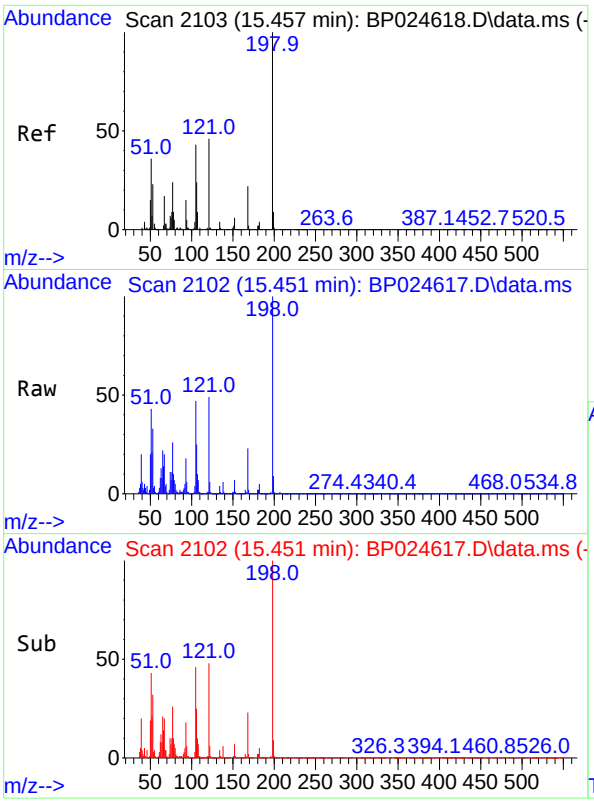


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.087 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



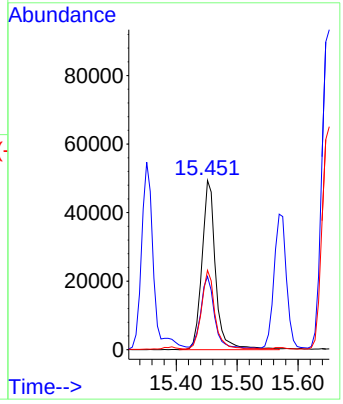


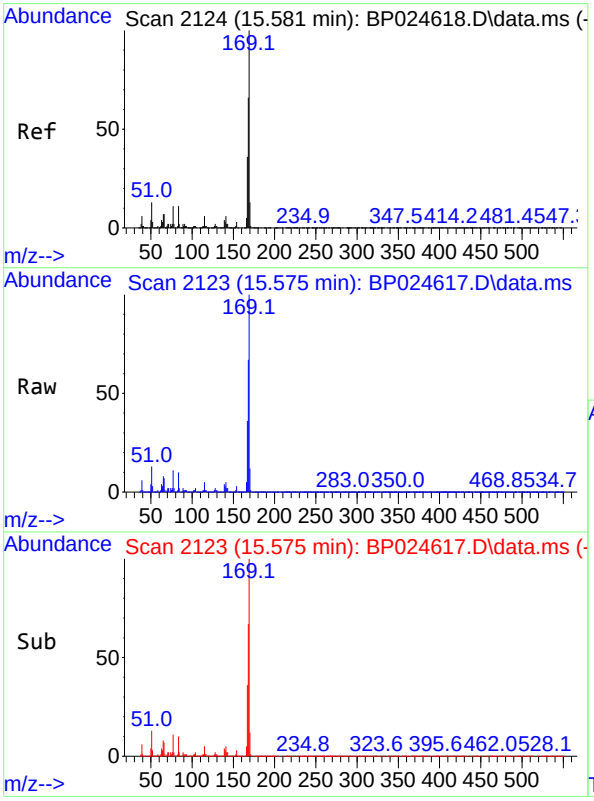
#65
4,6-Dinitro-2-methylphenol
Concen: 18.53 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

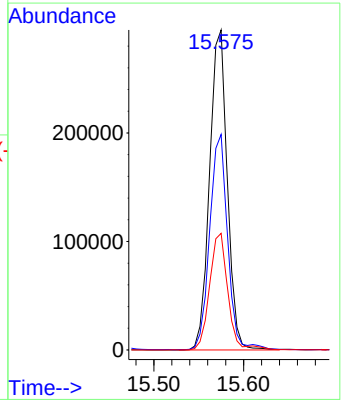


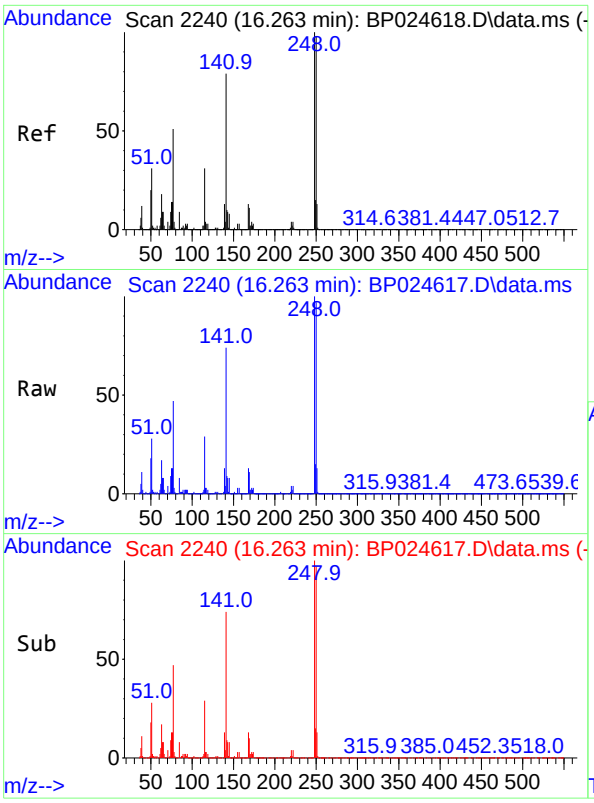


#66
n-Nitrosodiphenylamine
Concen: 20.42 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



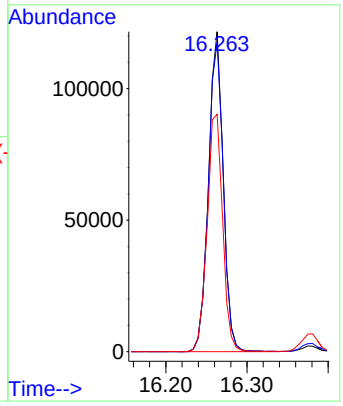


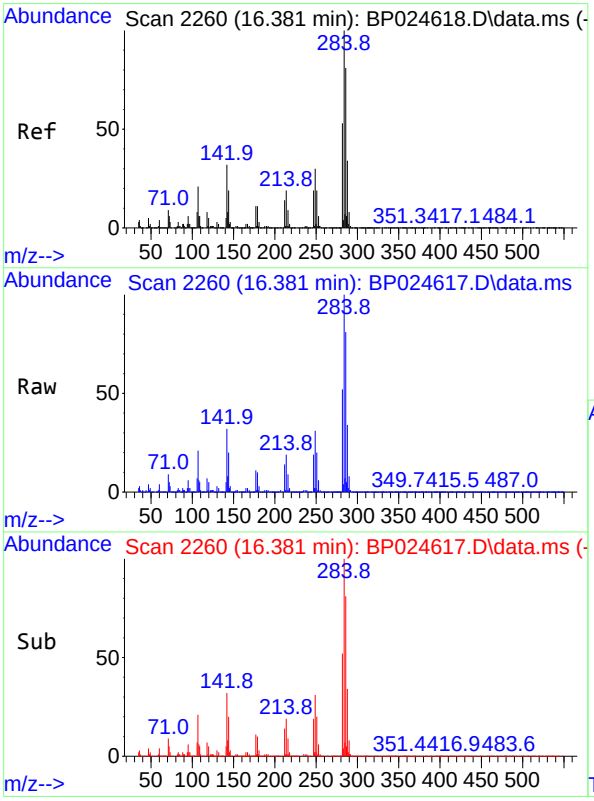
#67
4-Bromophenyl-phenylether
Concen: 20.07 ng
RT: 16.263 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

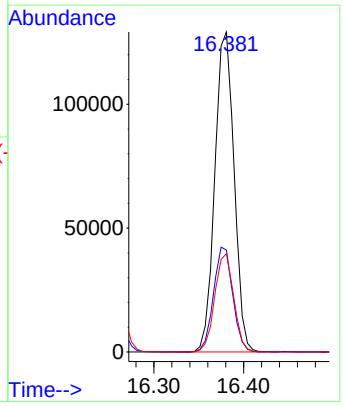


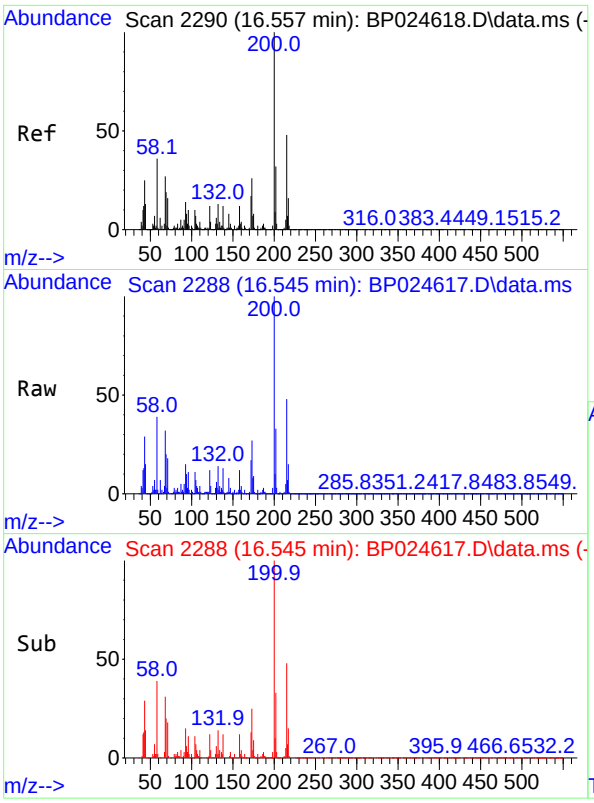


#68
Hexachlorobenzene
Concen: 19.93 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



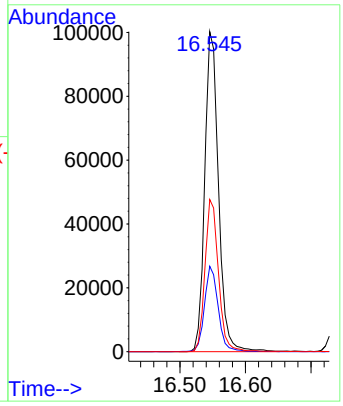


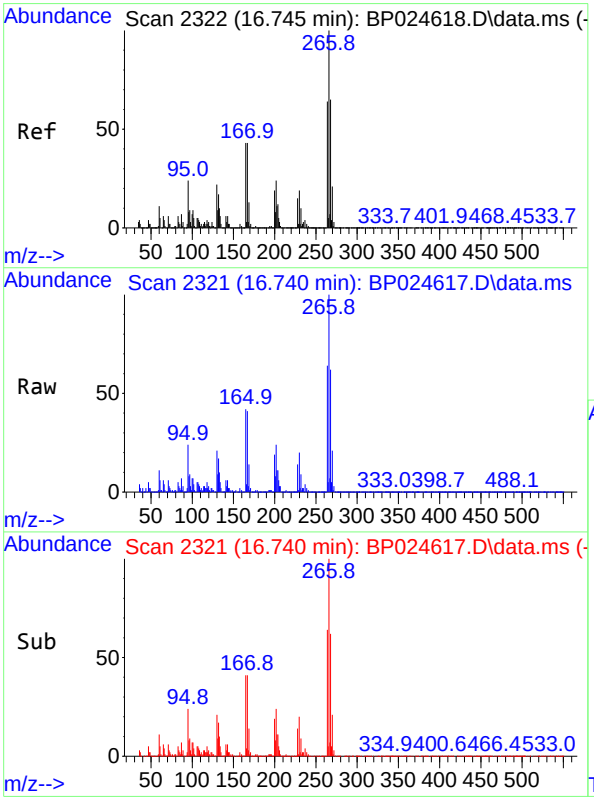
#69
Atrazine
Concen: 20.19 ng
RT: 16.545 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

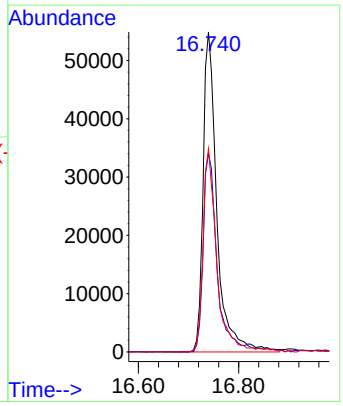


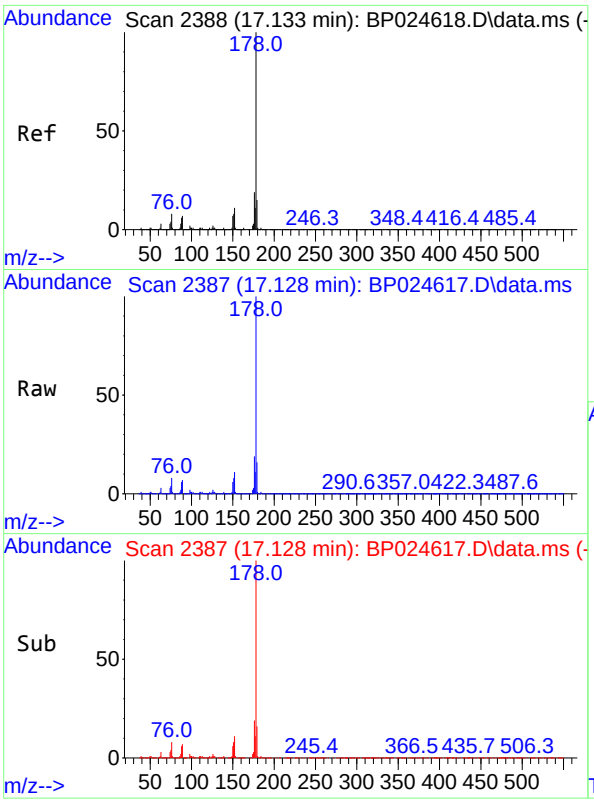


#70
Pentachlorophenol
Concen: 19.36 ng
RT: 16.740 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



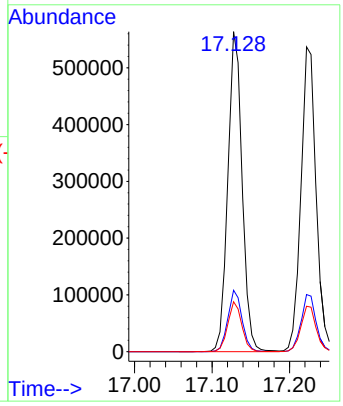


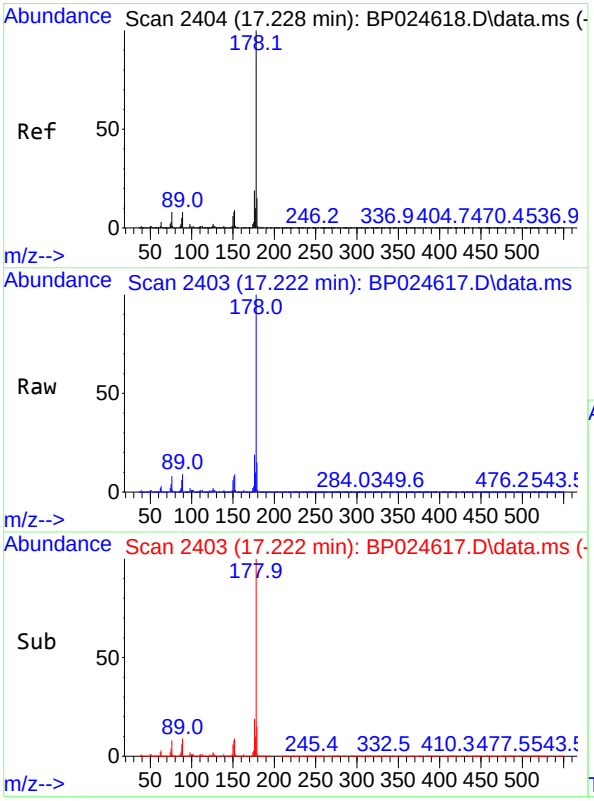
#71
Phenanthrene
Concen: 20.24 ng
RT: 17.128 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

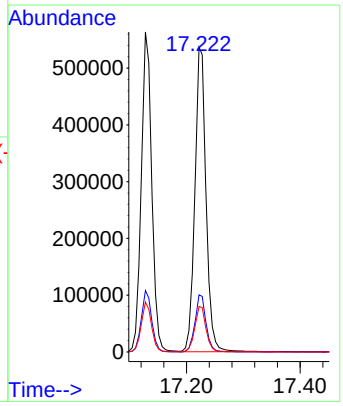


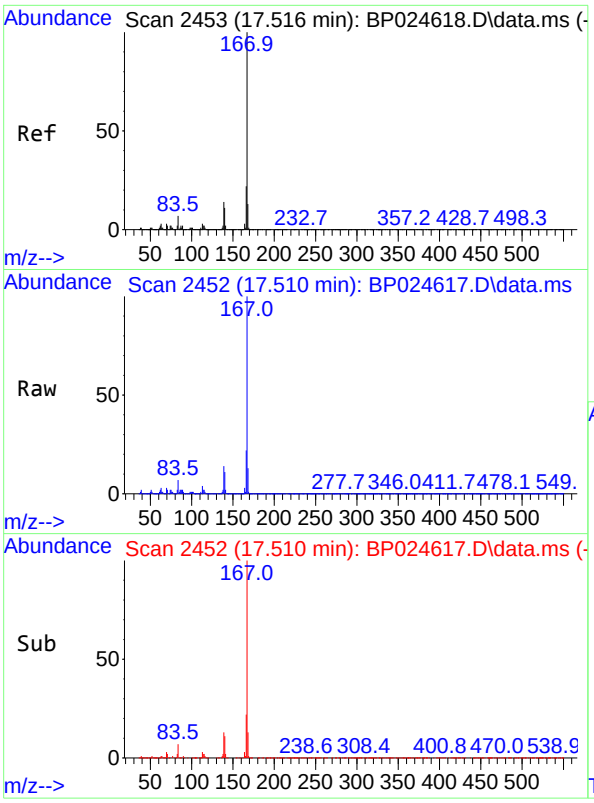


#72
Anthracene
Concen: 20.42 ng
RT: 17.222 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



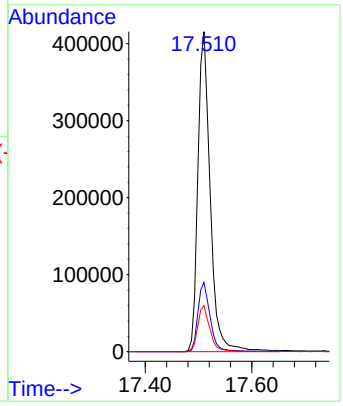


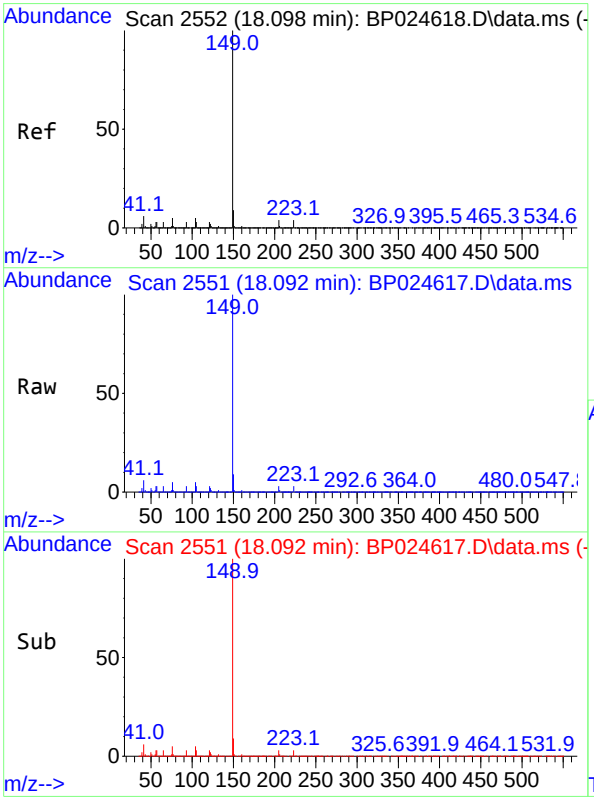
#73
Carbazole
Concen: 20.53 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

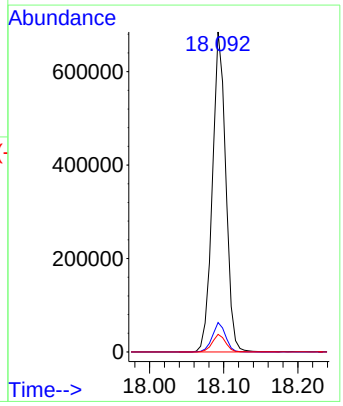


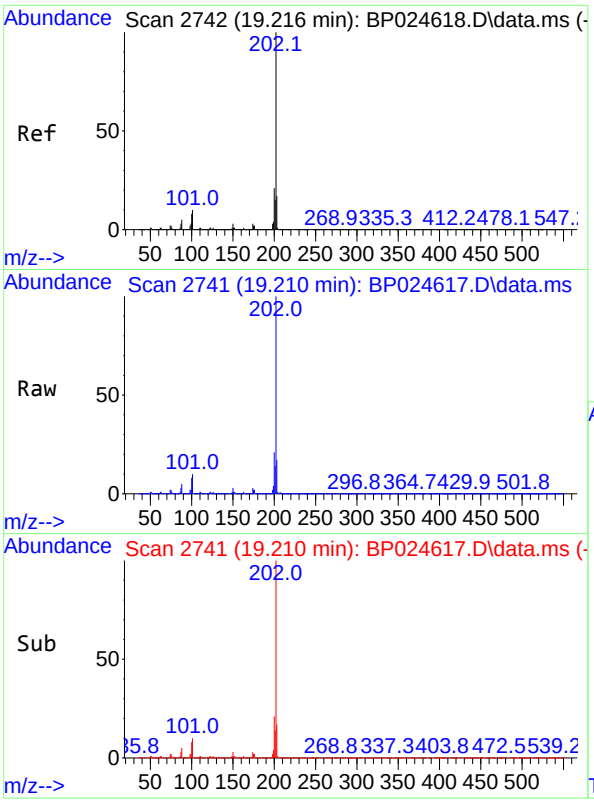


#74
Di-n-butylphthalate
Concen: 20.46 ng
RT: 18.092 min Scan# 2551
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



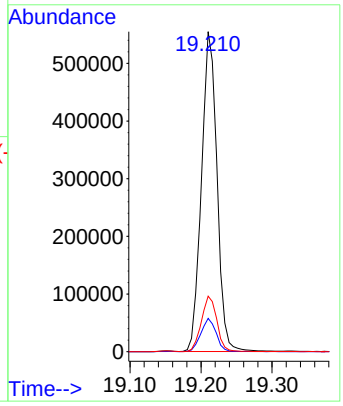


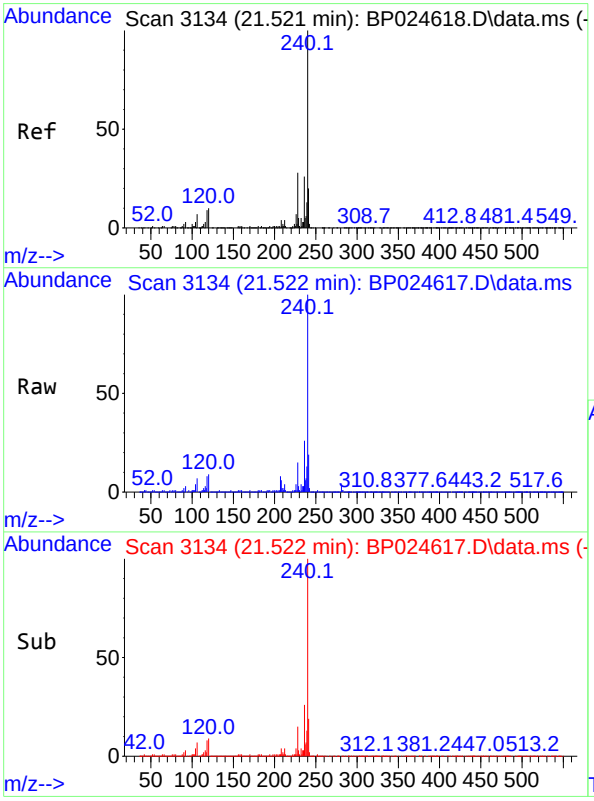
#75
Fluoranthene
Concen: 20.22 ng
RT: 19.210 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

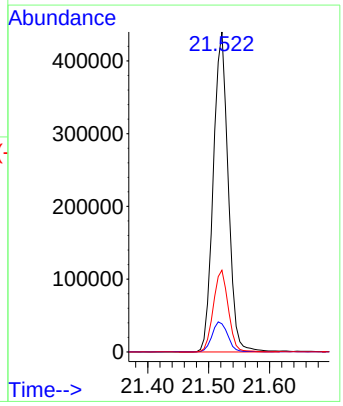


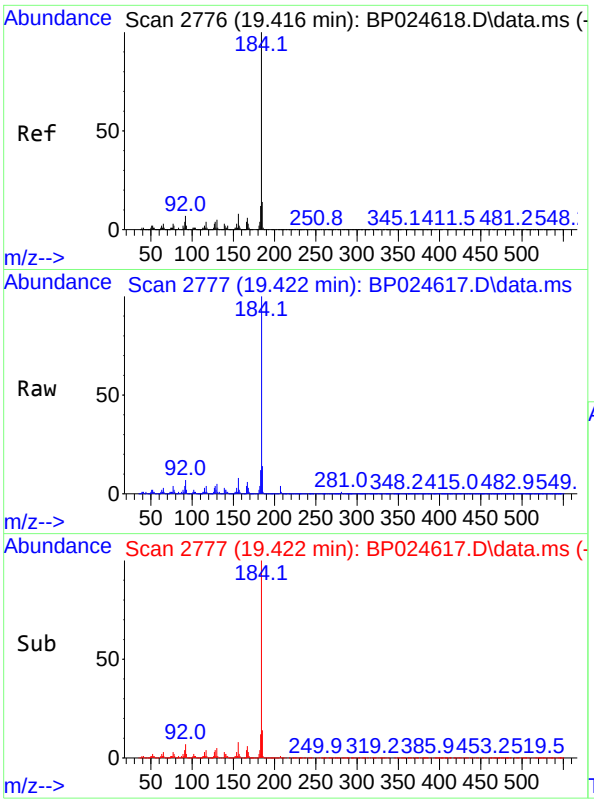


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



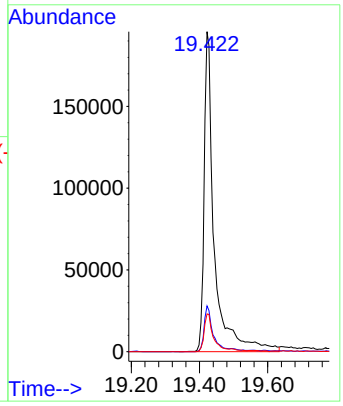


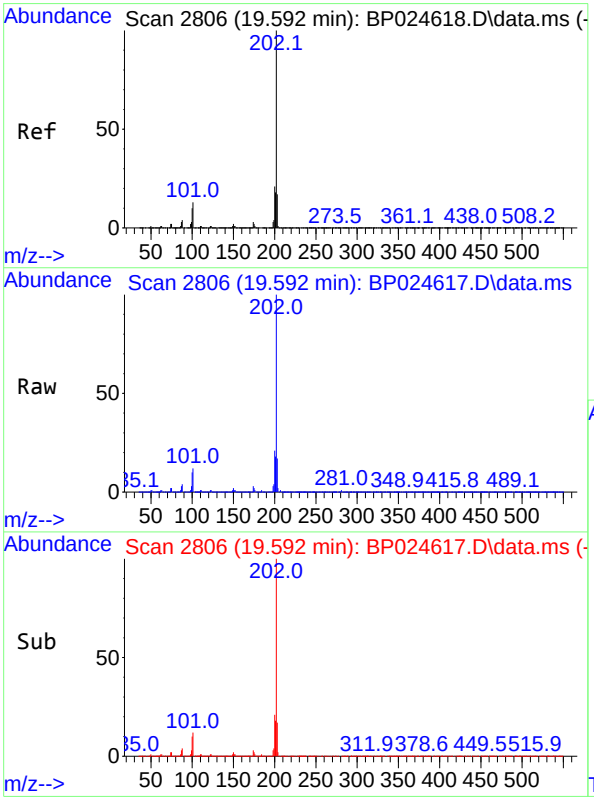
#77
Benzidine
Concen: 19.79 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

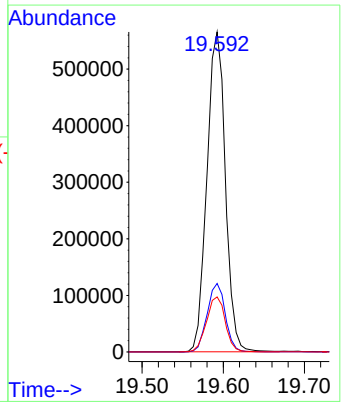


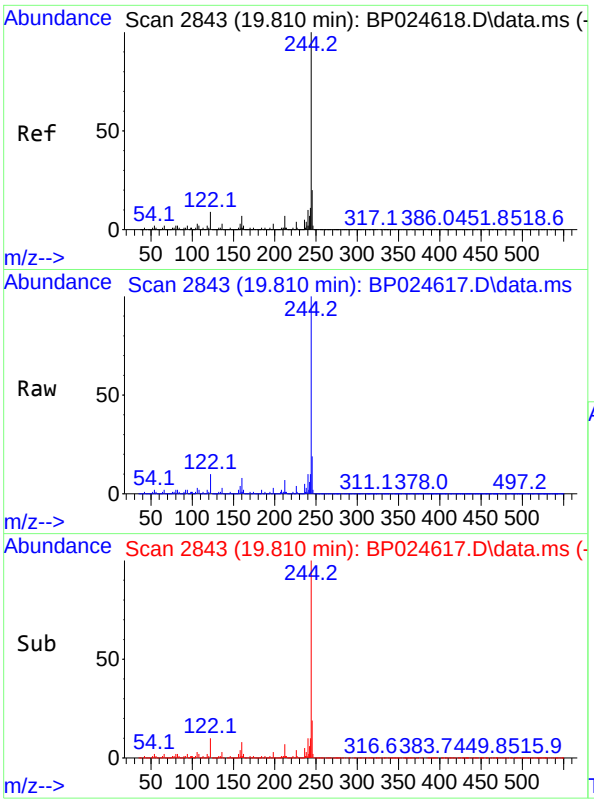


#78
Pyrene
Concen: 19.98 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



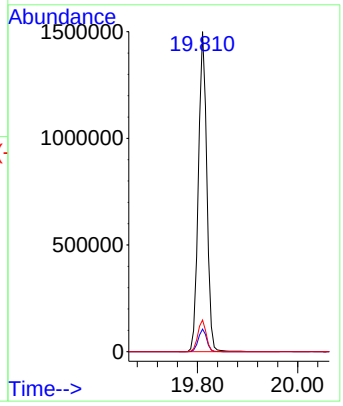


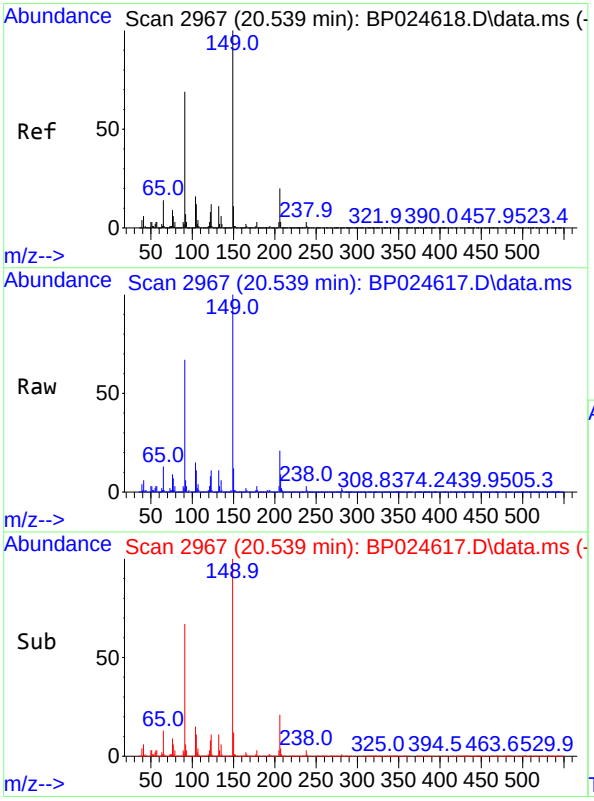
#79
Terphenyl-d14
Concen: 39.96 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

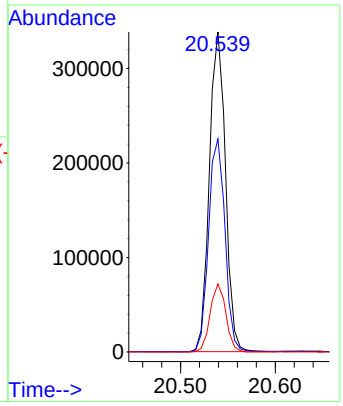


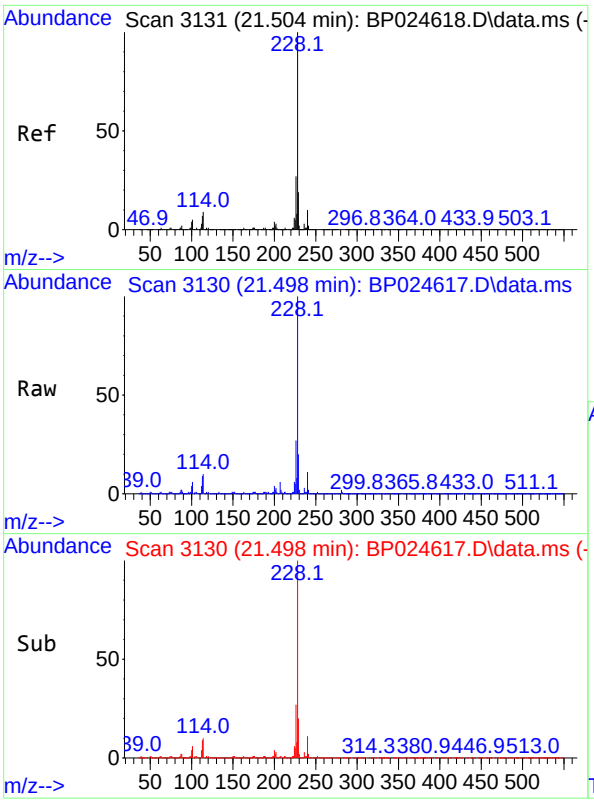


#80
Butylbenzylphthalate
Concen: 20.14 ng
RT: 20.539 min Scan# 2967
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



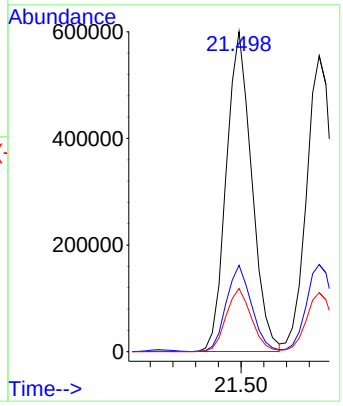


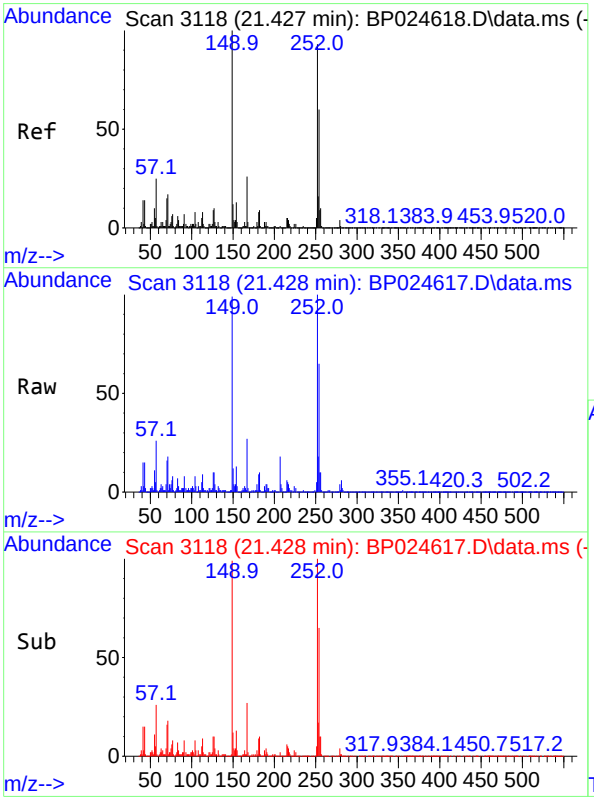
#81
Benzo(a)anthracene
Concen: 19.95 ng
RT: 21.498 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

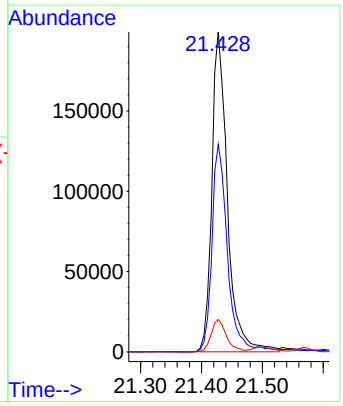


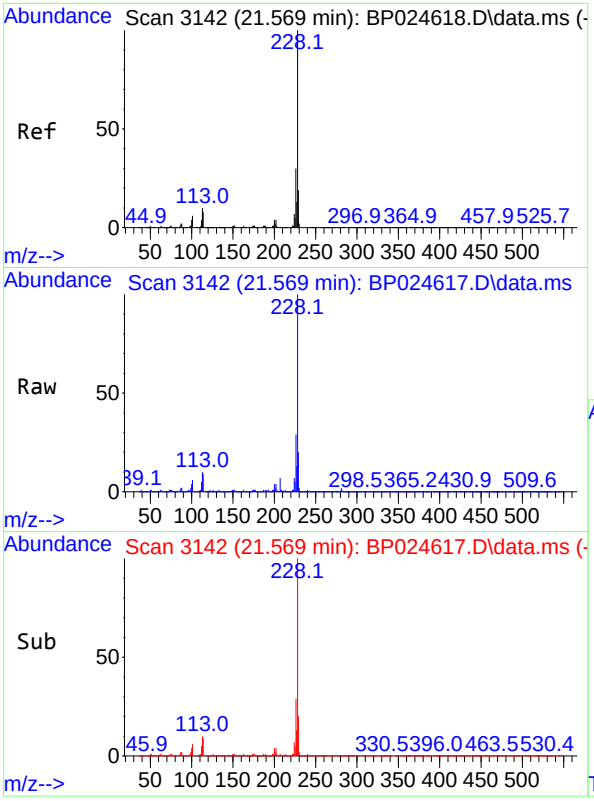


#82
3,3'-Dichlorobenzidine
Concen: 20.31 ng
RT: 21.428 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



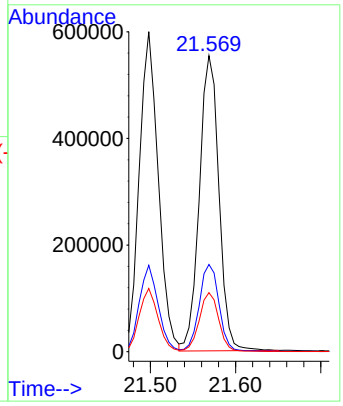


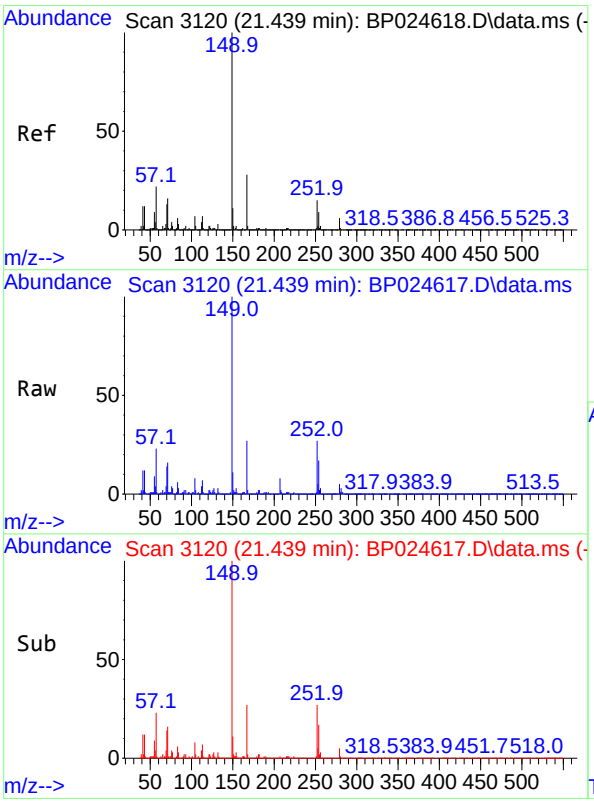
#83
Chrysene
Concen: 19.91 ng
RT: 21.569 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

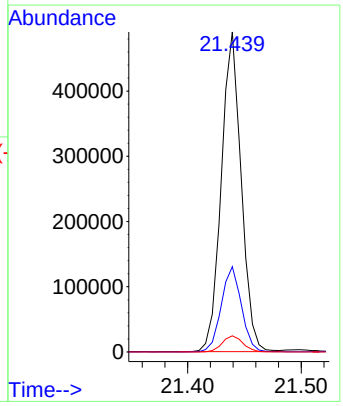


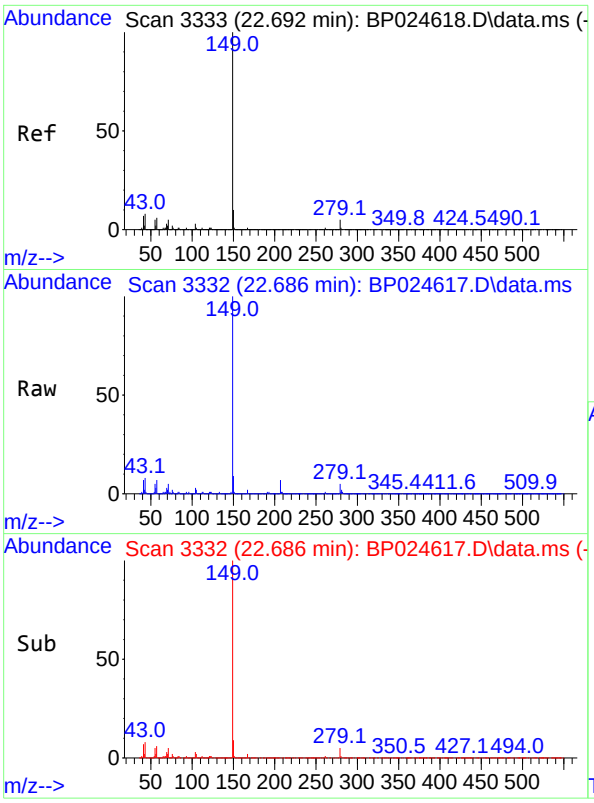


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.45 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



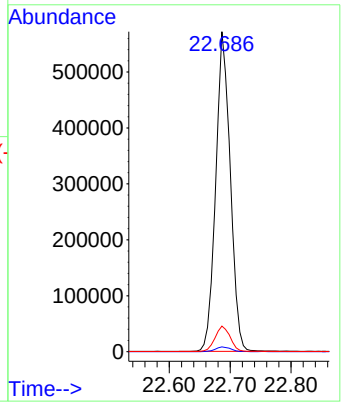


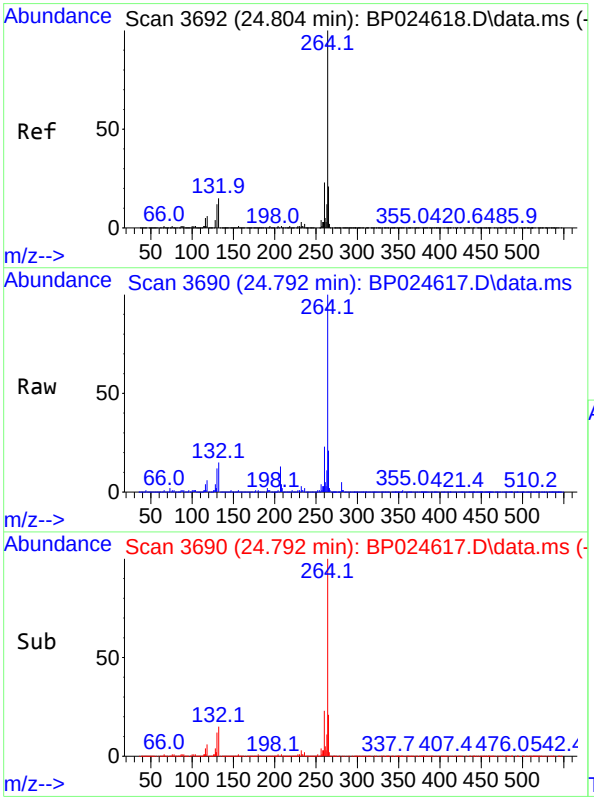
#85
Di-n-octyl phthalate
Concen: 19.85 ng
RT: 22.686 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

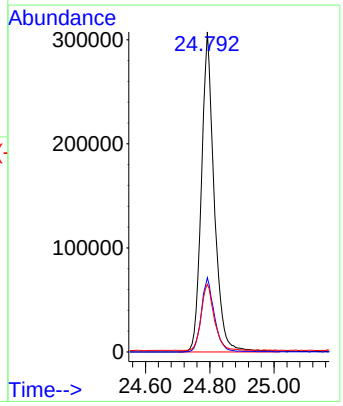


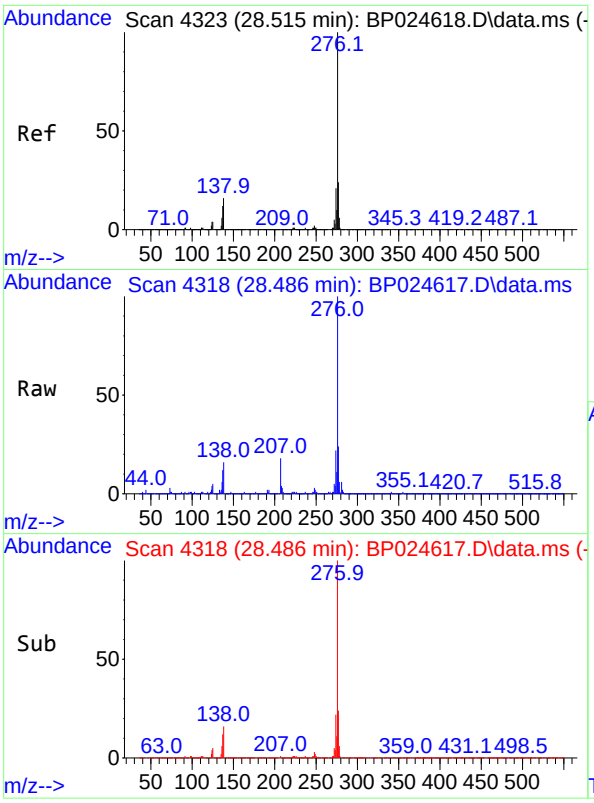


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.792 min Scan# 3690
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



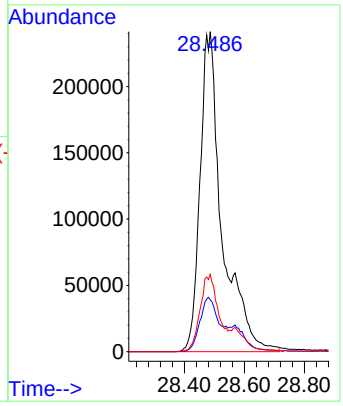


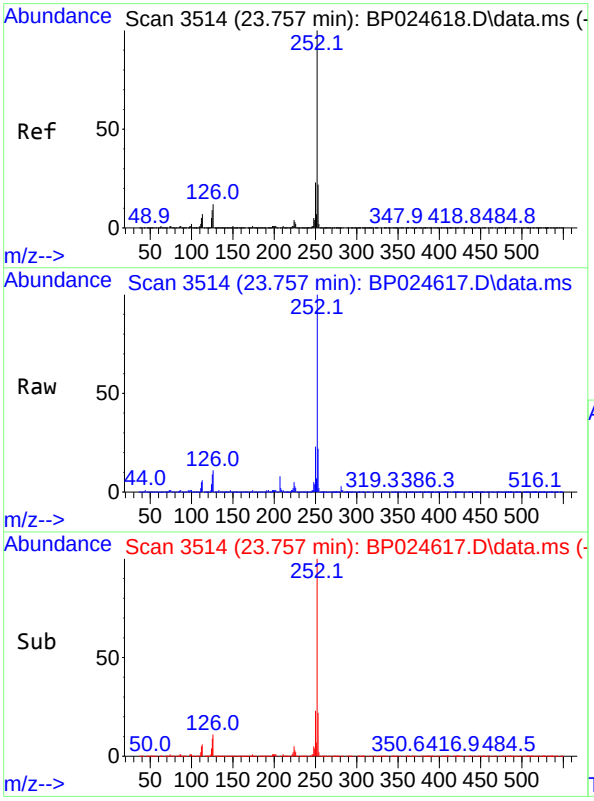
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.81 ng m
RT: 28.486 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

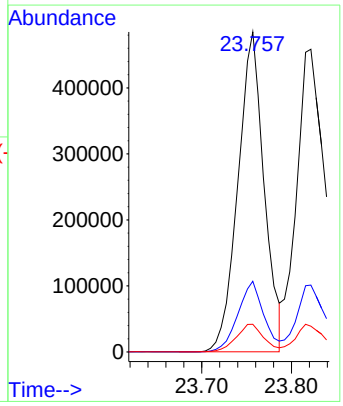


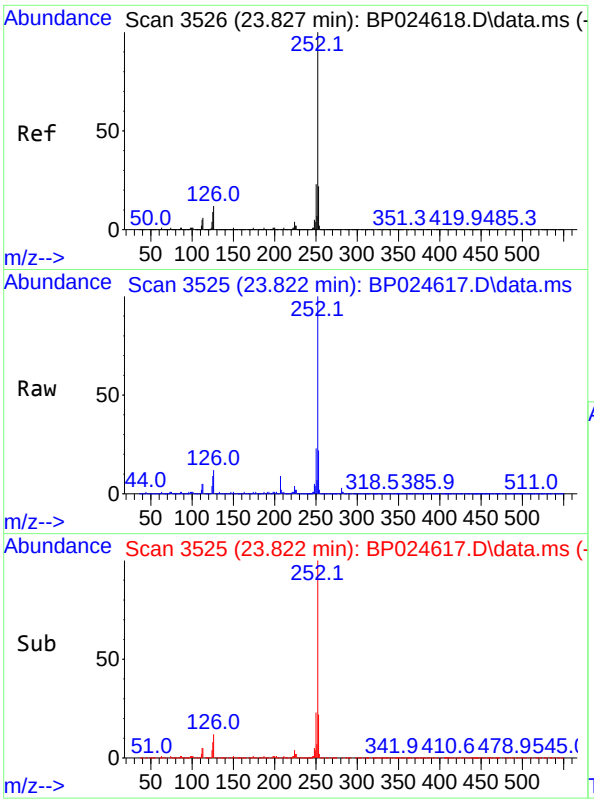


#88
Benzo(b)fluoranthene
Concen: 20.13 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



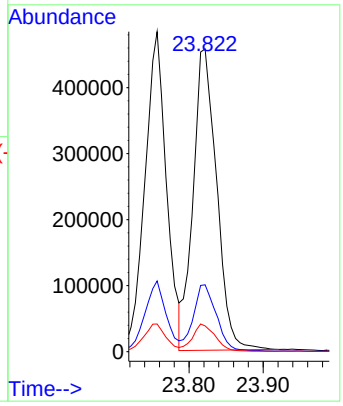


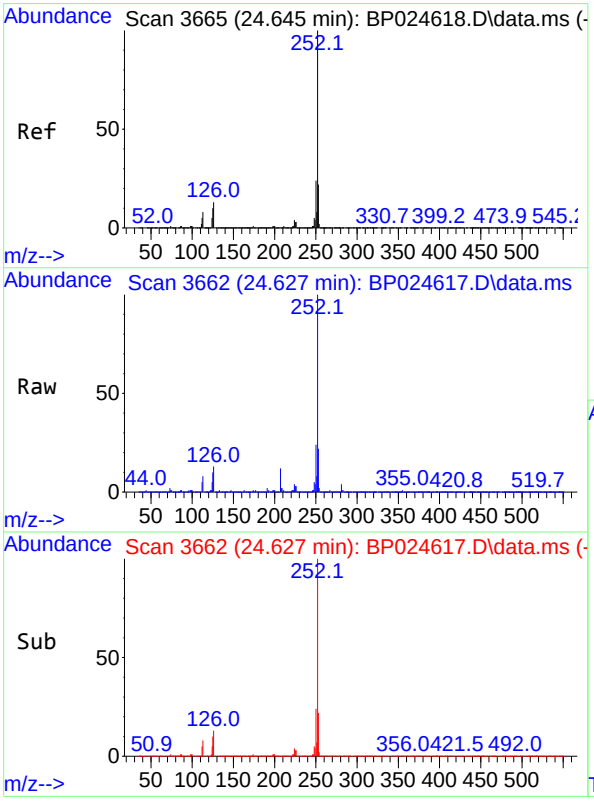
#89
Benzo(k)fluoranthene
Concen: 20.05 ng
RT: 23.822 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

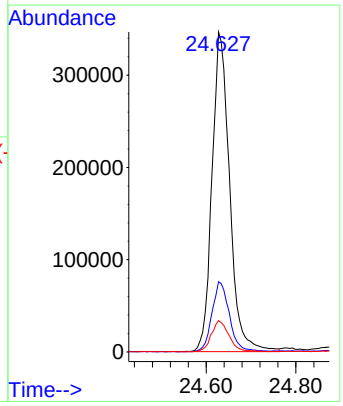


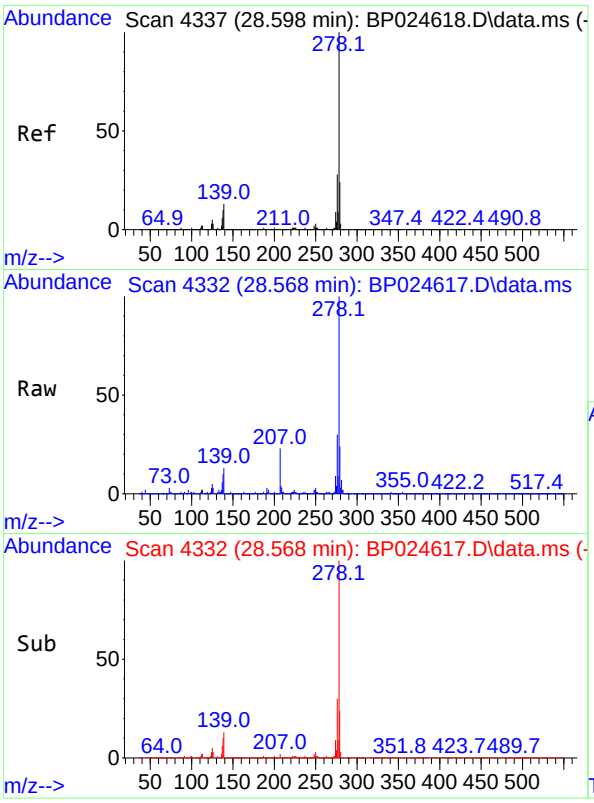


#90
Benzo(a)pyrene
Concen: 20.23 ng
RT: 24.627 min Scan# 3662
Delta R.T. -0.017 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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



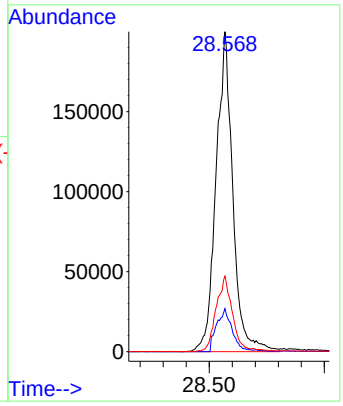


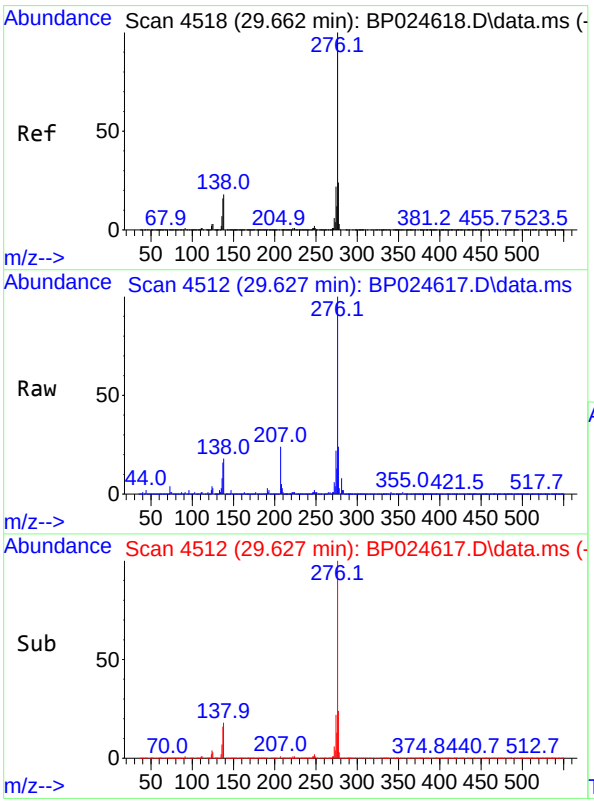
#91
Dibenzo(a,h)anthracene
Concen: 19.97 ng
RT: 28.568 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

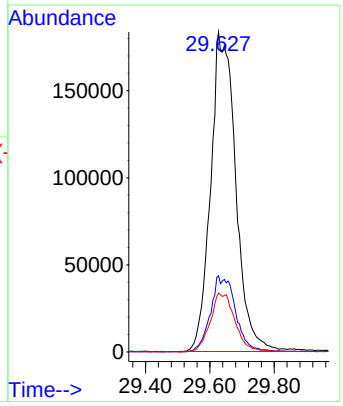




#92
Benzo(g,h,i)perylene
Concen: 19.75 ng
RT: 29.627 min Scan# 4512
Delta R.T. -0.035 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

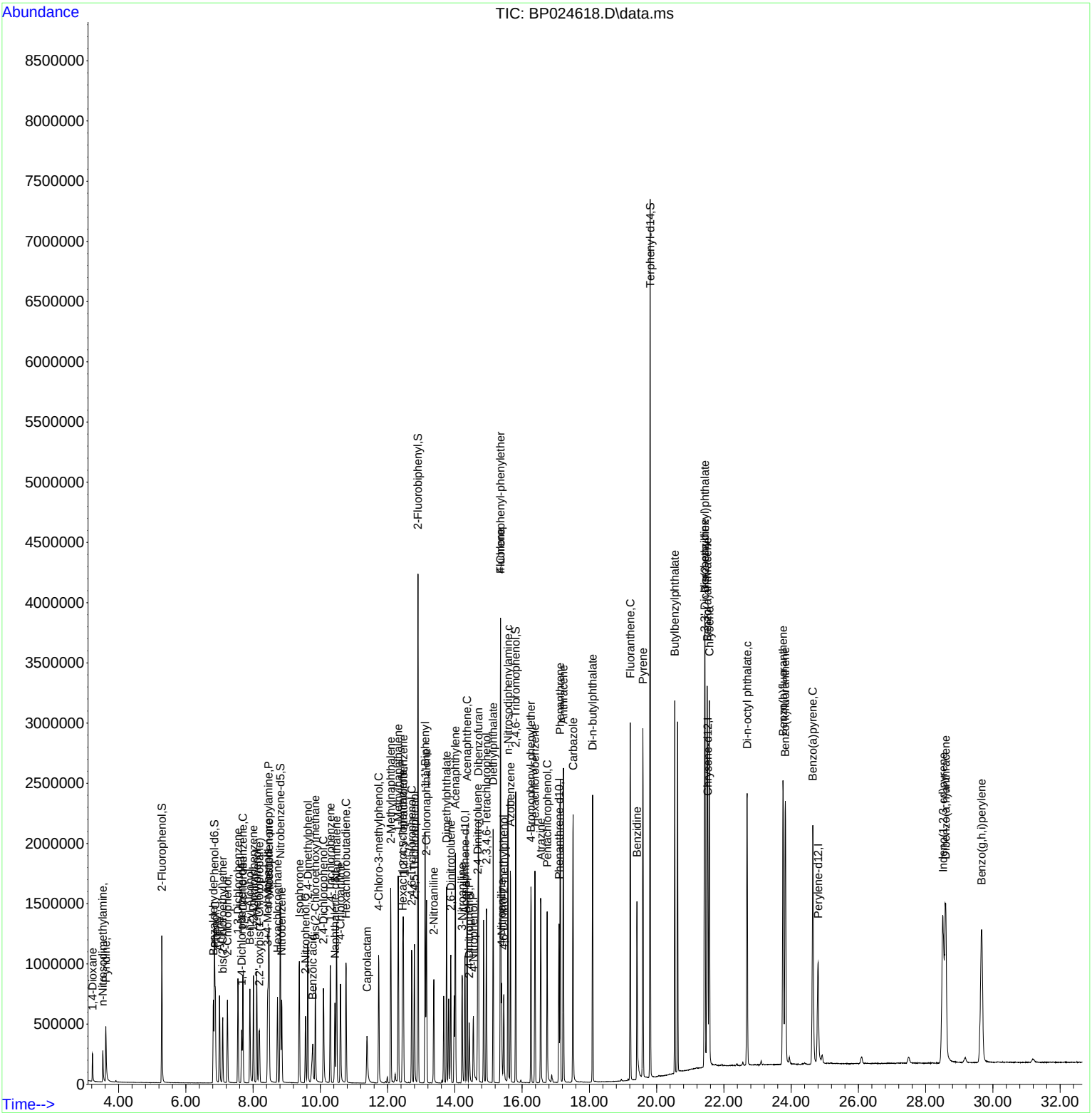
(#) = qualifier out of range (m) = manual integration (+) = signals summed

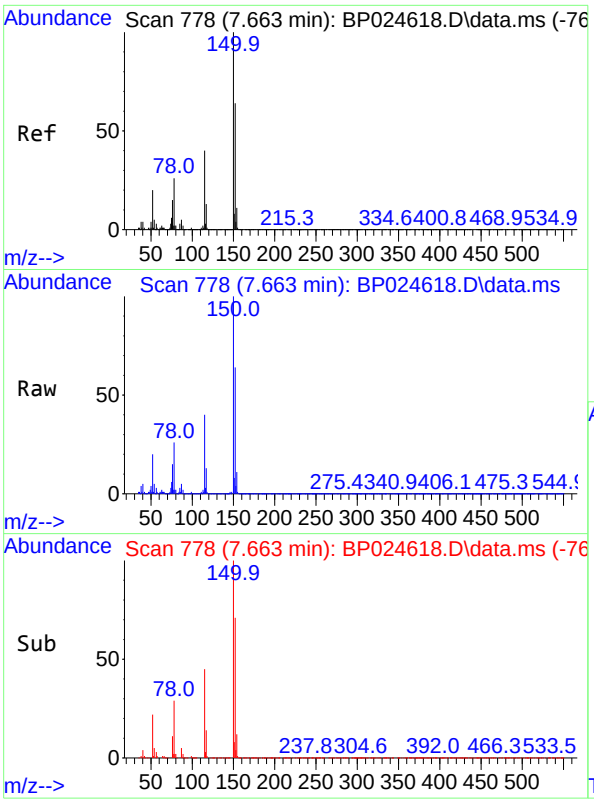
ICAL Form

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



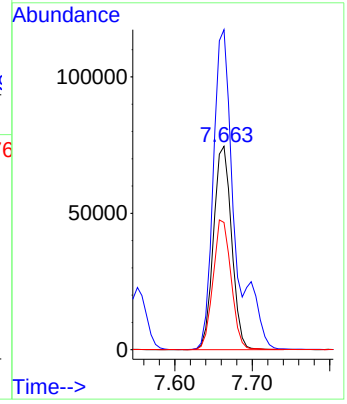


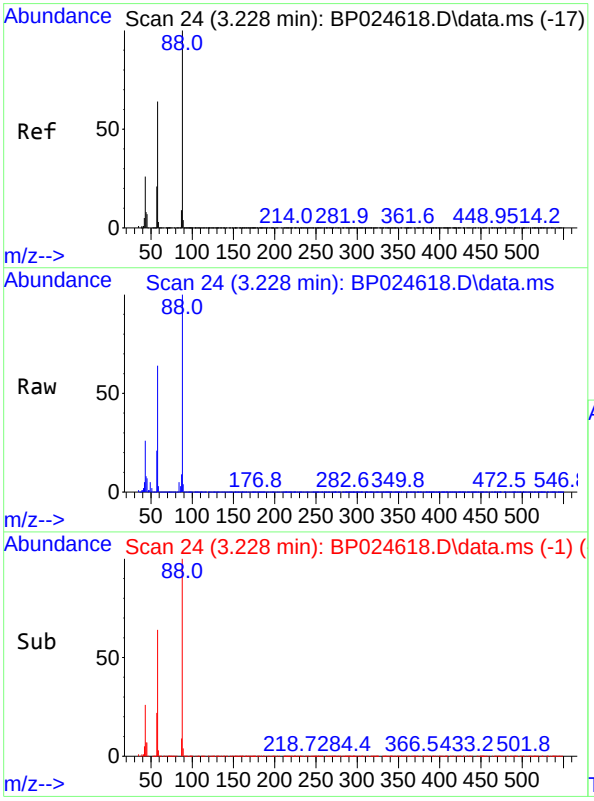
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

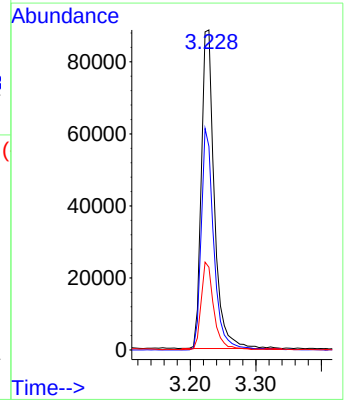


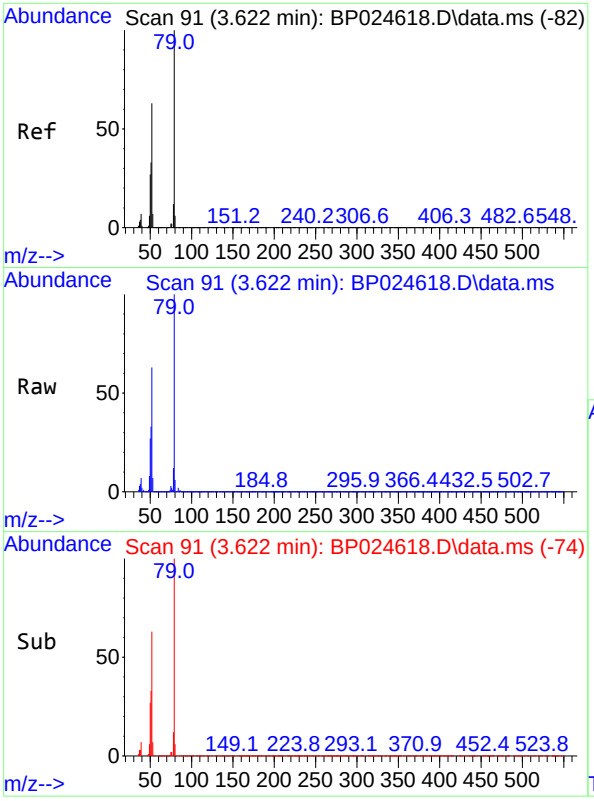


#2
1,4-Dioxane
Concen: 36.79 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



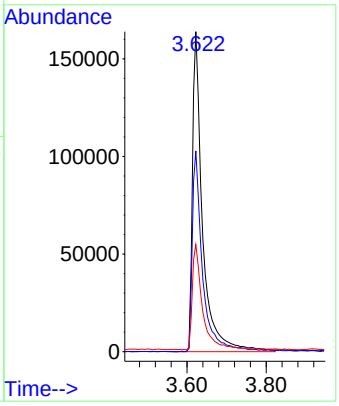


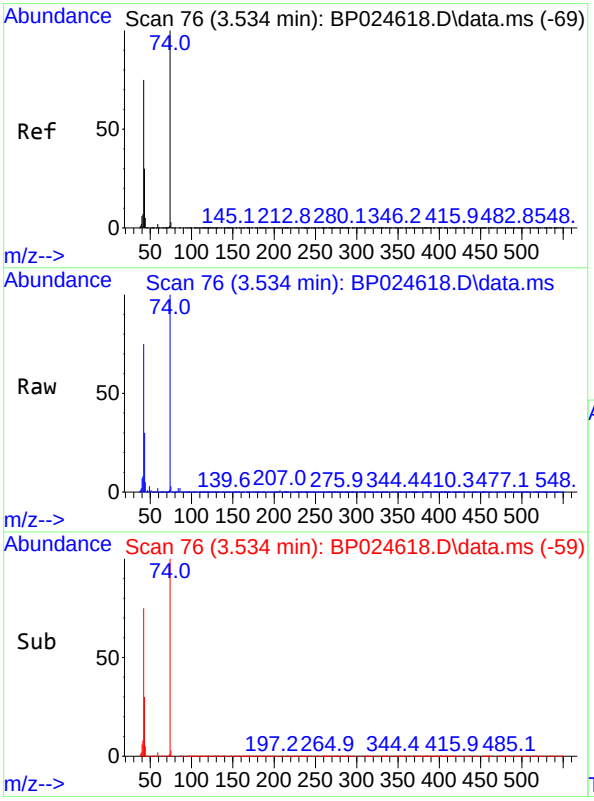
#3
Pyridine
Concen: 39.36 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

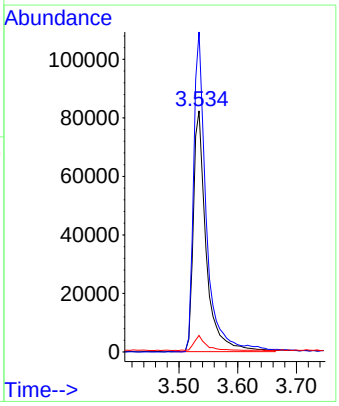


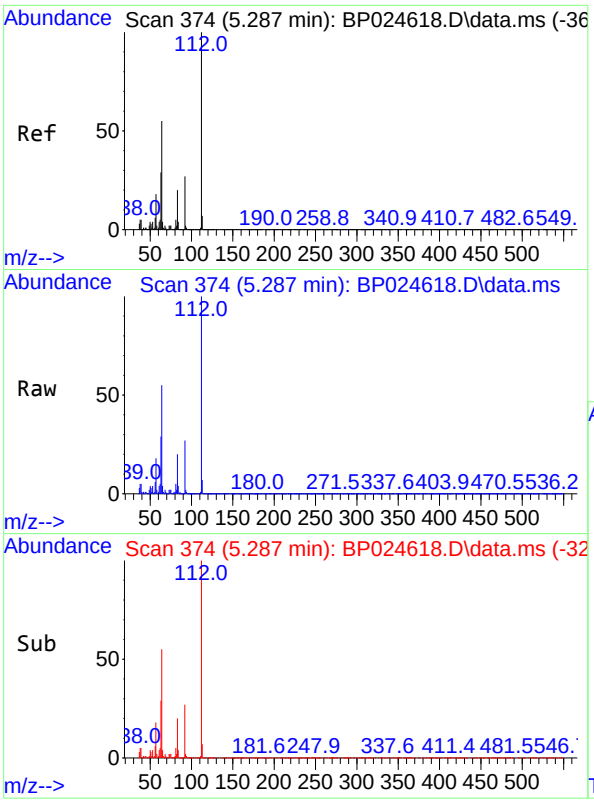


#4
n-Nitrosodimethylamine
Concen: 38.48 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



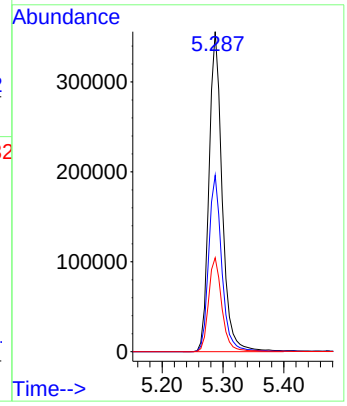


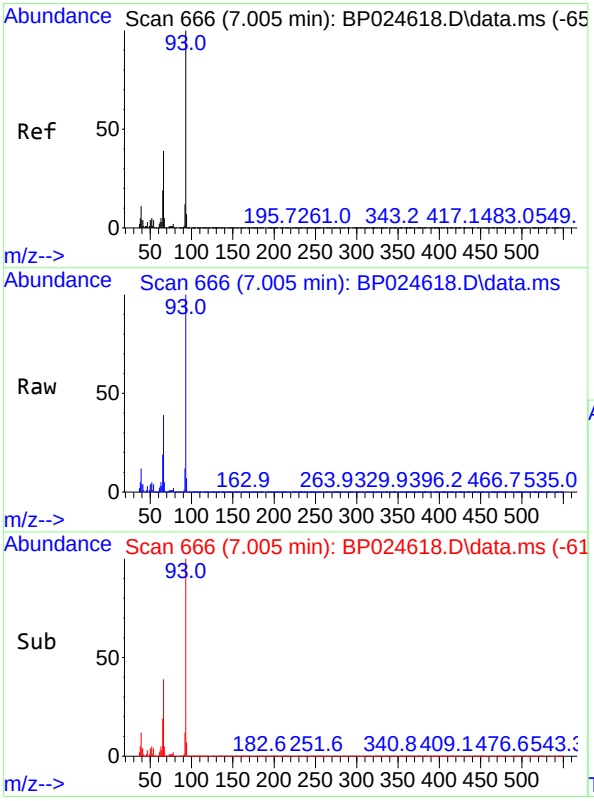
#5
2-Fluorophenol
Concen: 75.58 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

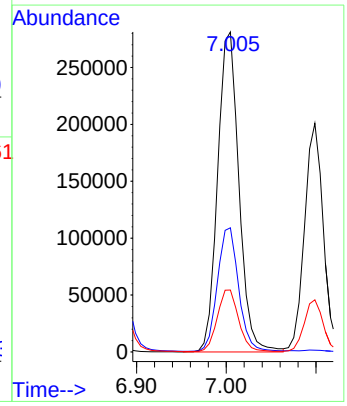


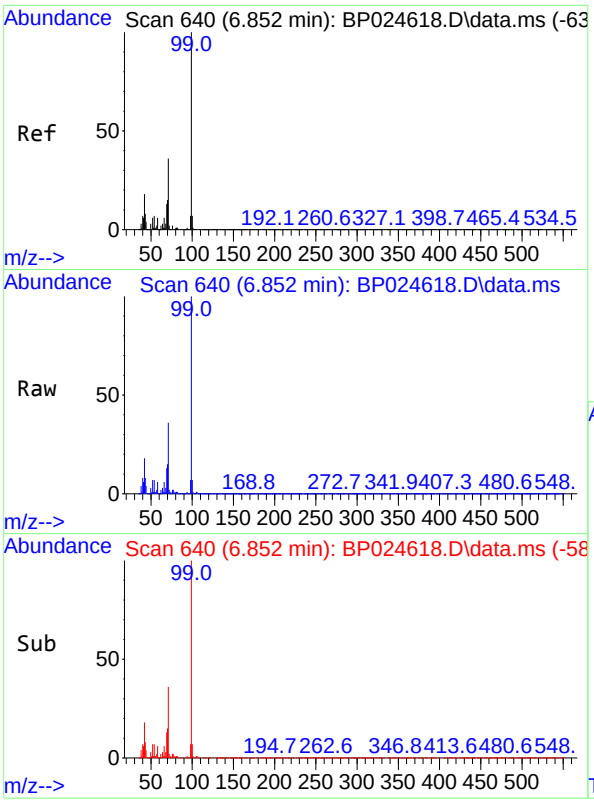


#6
Aniline
Concen: 39.79 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



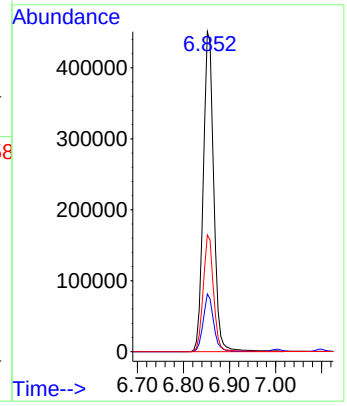


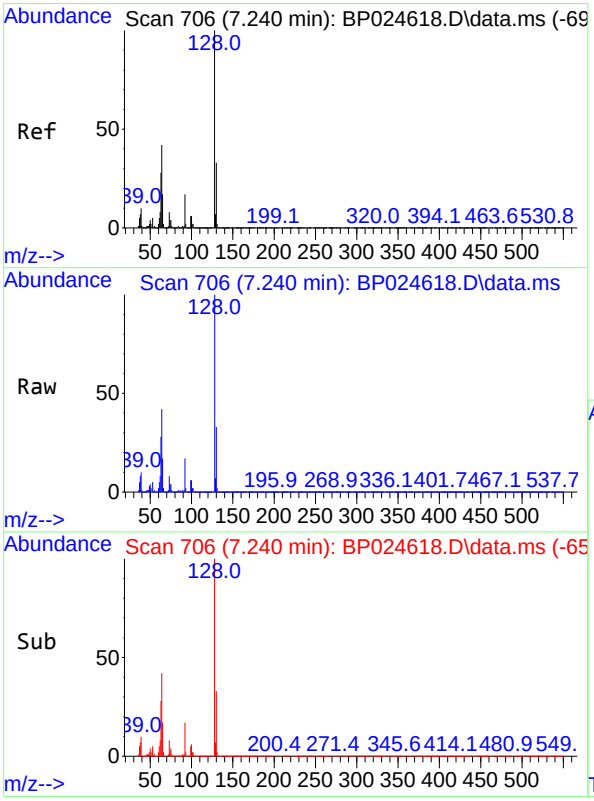
#7
Phenol-d6
Concen: 78.93 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

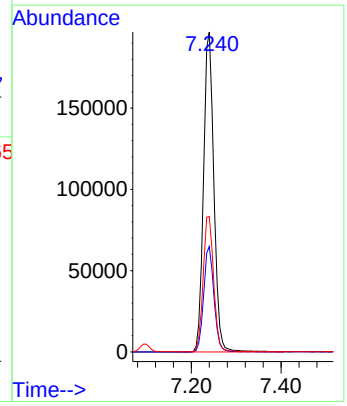


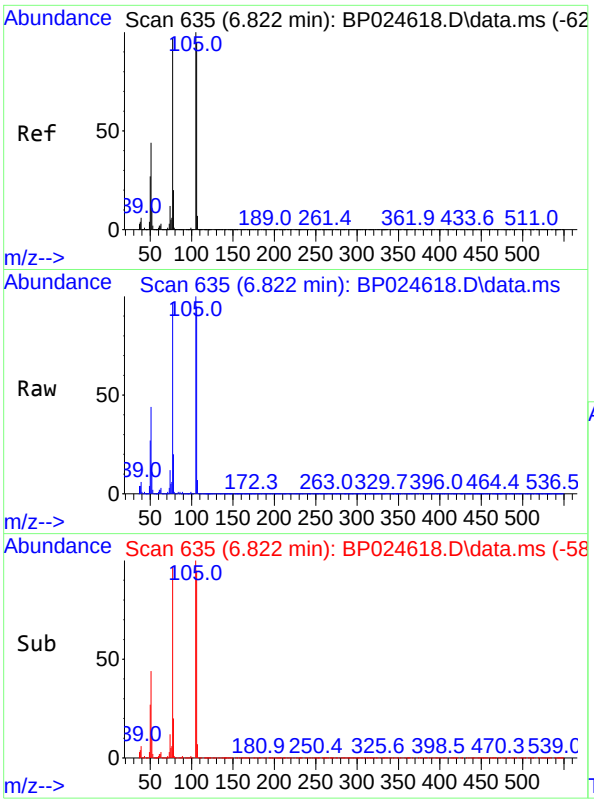


#8
2-Chlorophenol
Concen: 39.25 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



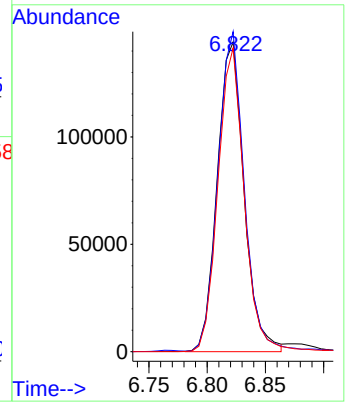


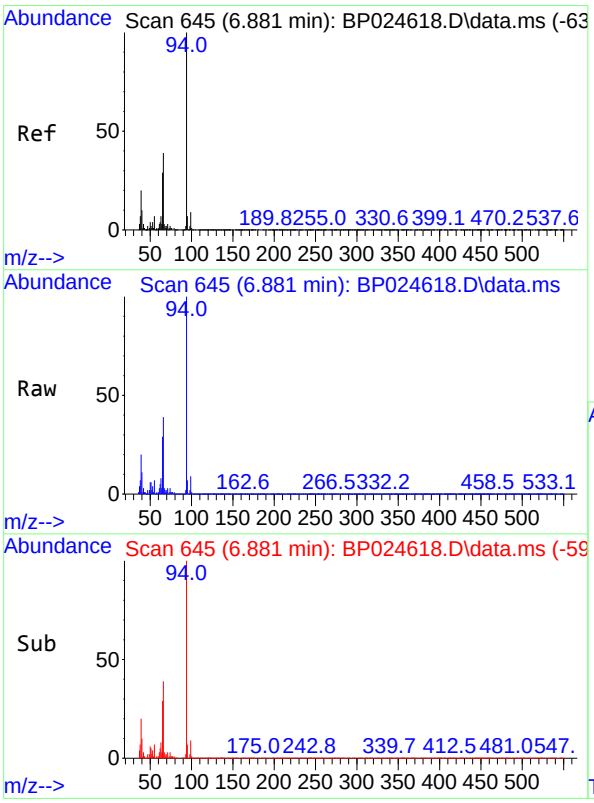
#9
Benzaldehyde
Concen: 39.62 ng m
RT: 6.822 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

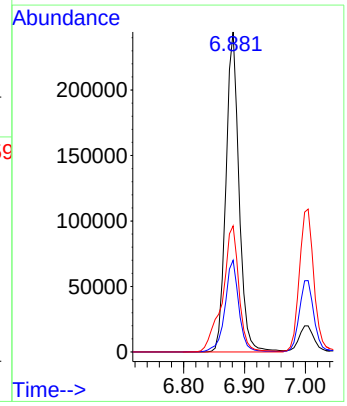


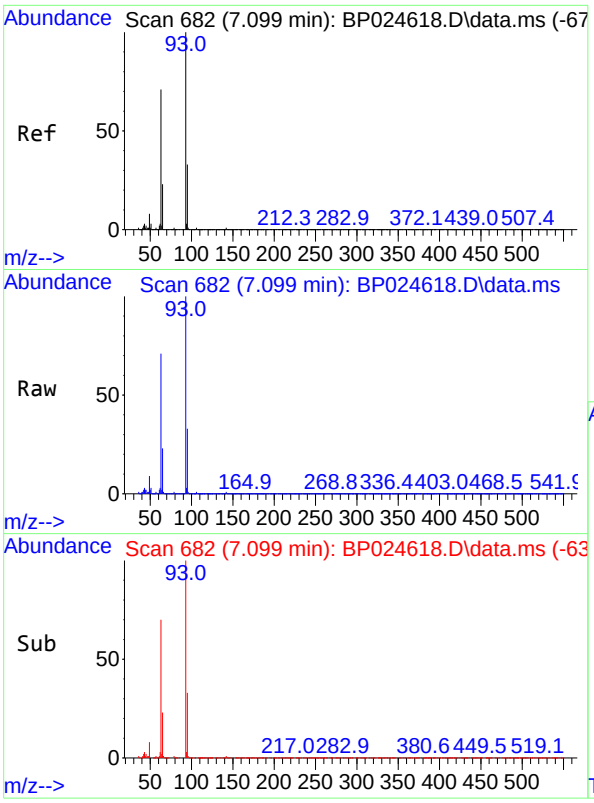


#10
Phenol
Concen: 39.18 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



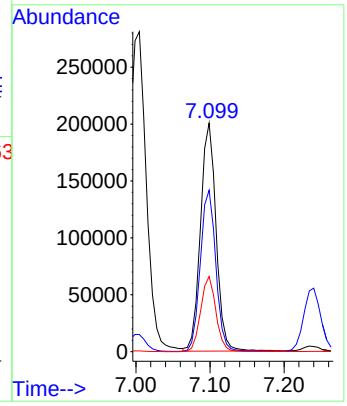


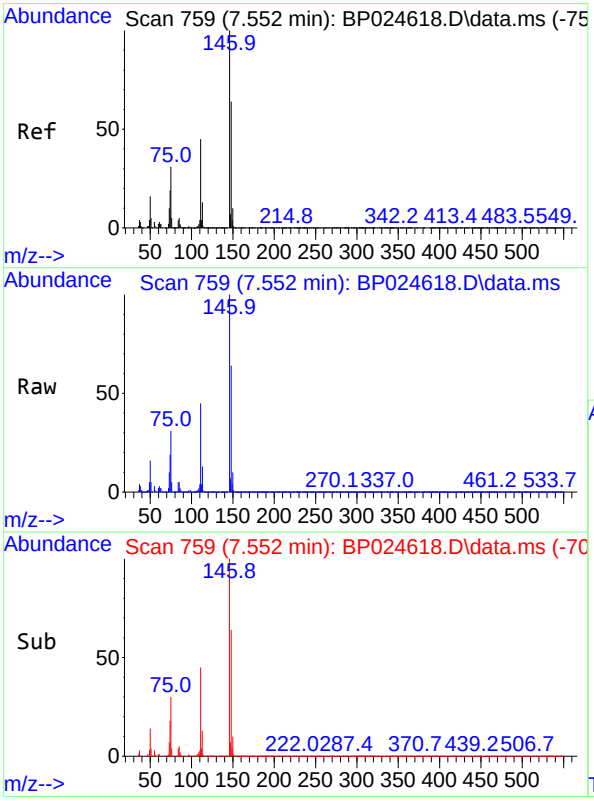
#11
bis(2-Chloroethyl)ether
Concen: 38.32 ng
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

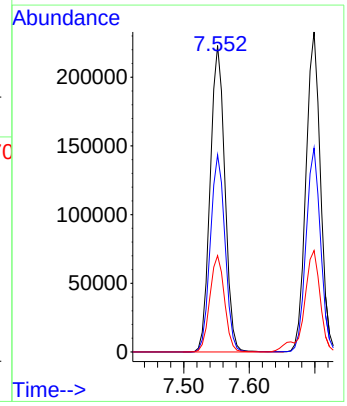


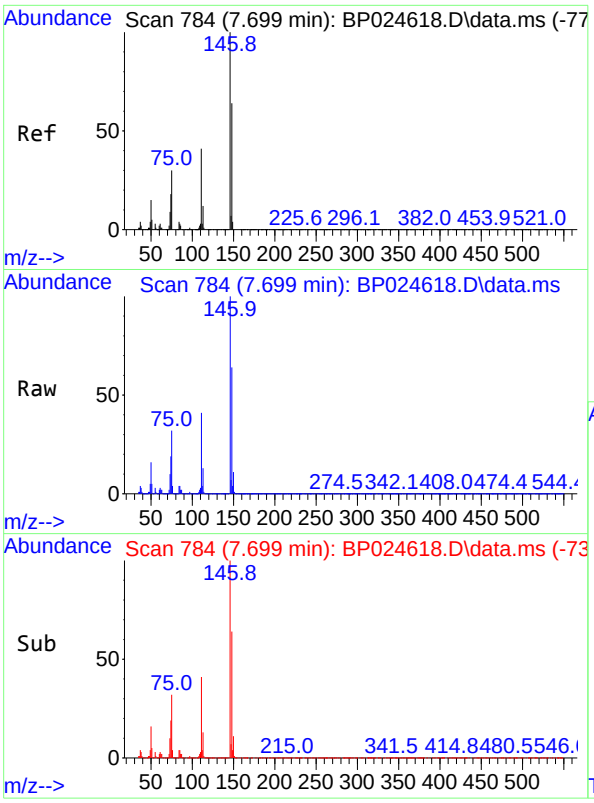


#12
1,3-Dichlorobenzene
Concen: 37.71 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



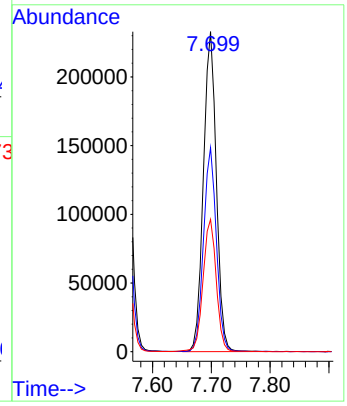


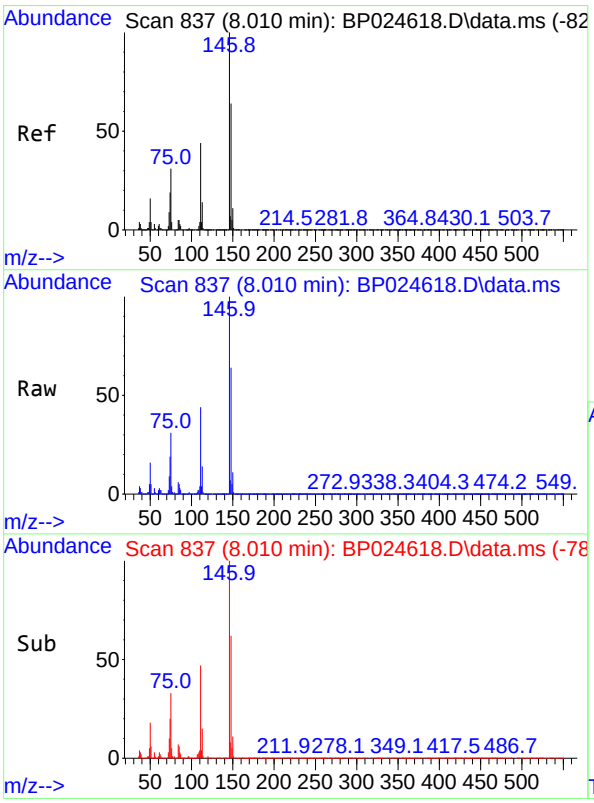
#13
1,4-Dichlorobenzene
Concen: 38.27 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

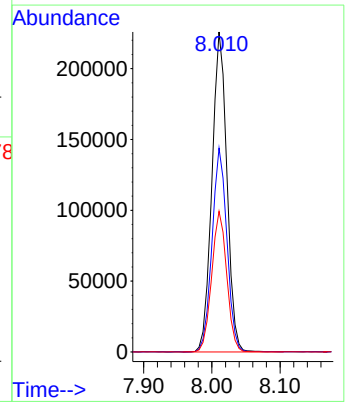


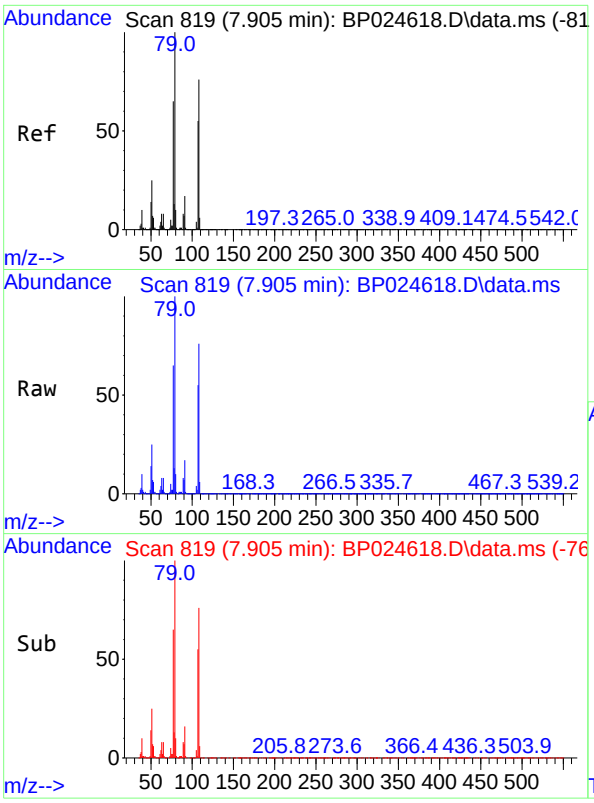


#14
1,2-Dichlorobenzene
Concen: 38.11 ng
RT: 8.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



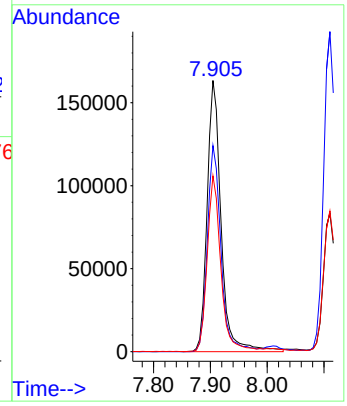


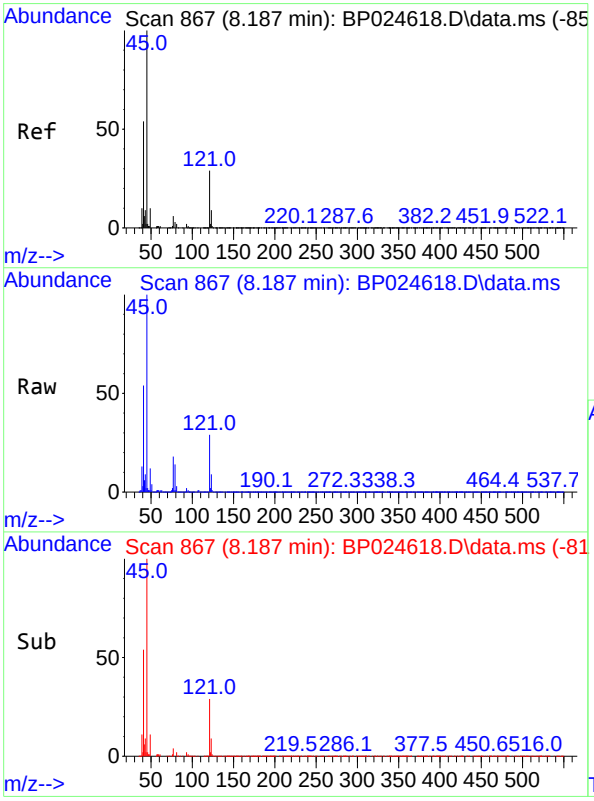
#15
Benzyl Alcohol
Concen: 40.52 ng
RT: 7.905 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

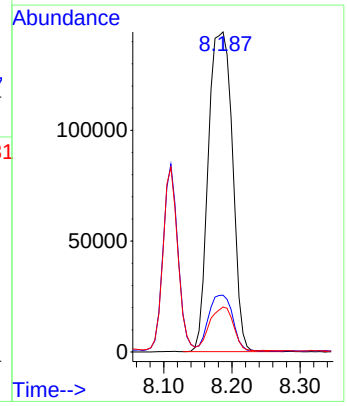


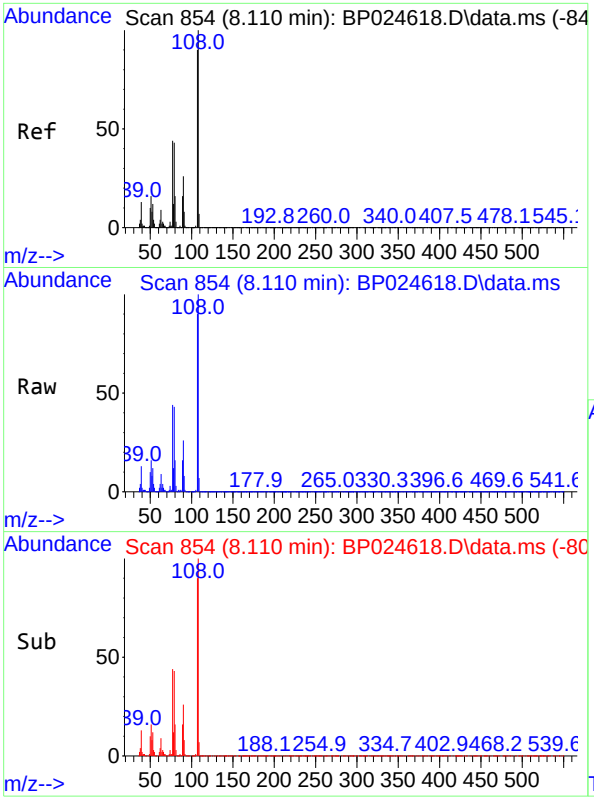


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.71 ng
RT: 8.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



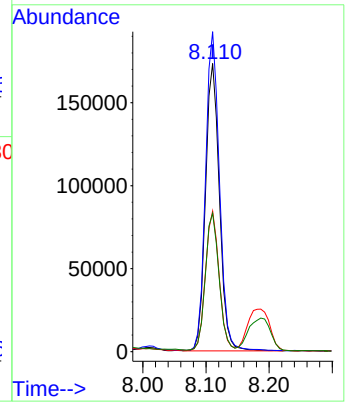


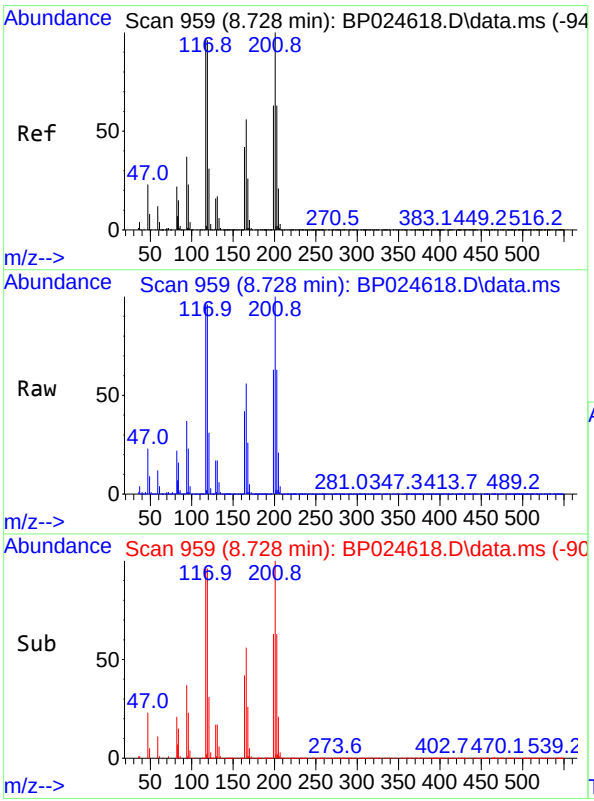
#17
2-Methylphenol
Concen: 39.81 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

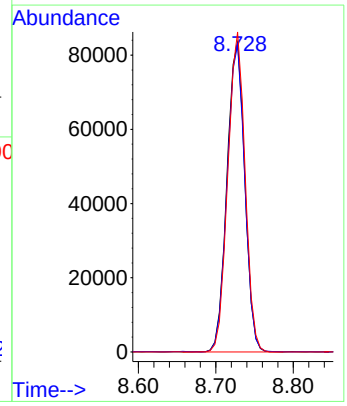


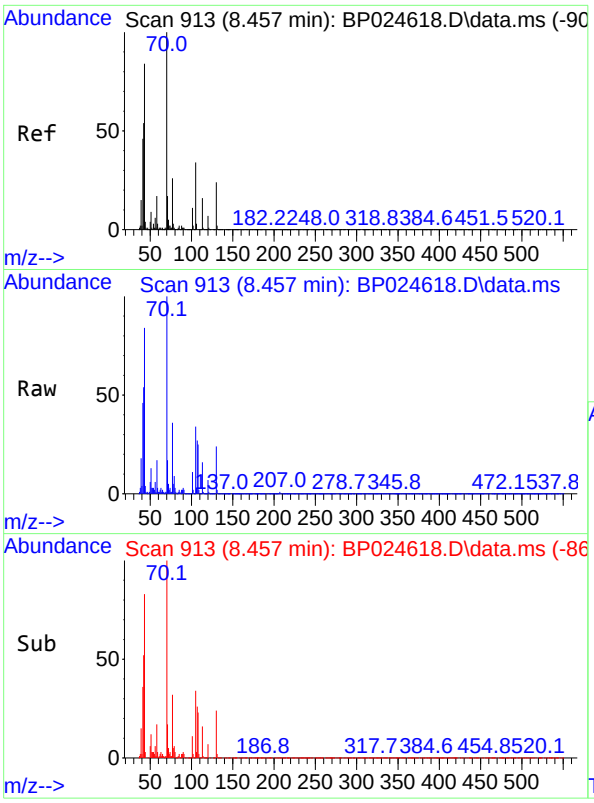


#18
Hexachloroethane
Concen: 37.43 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



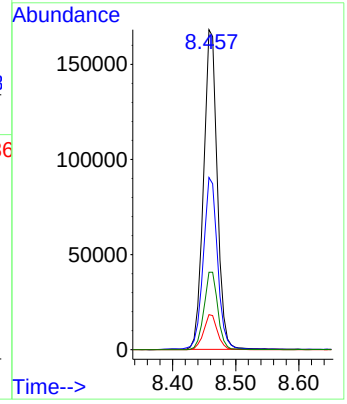


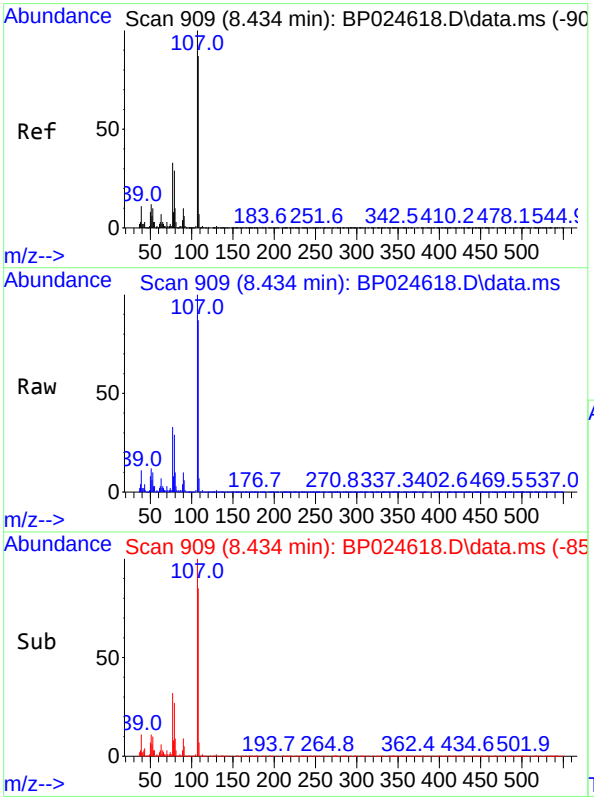
#19
n-Nitroso-di-n-propylamine
Concen: 40.61 ng
RT: 8.457 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

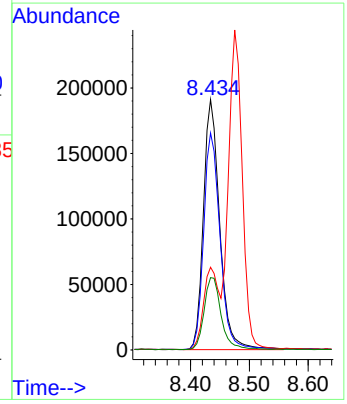


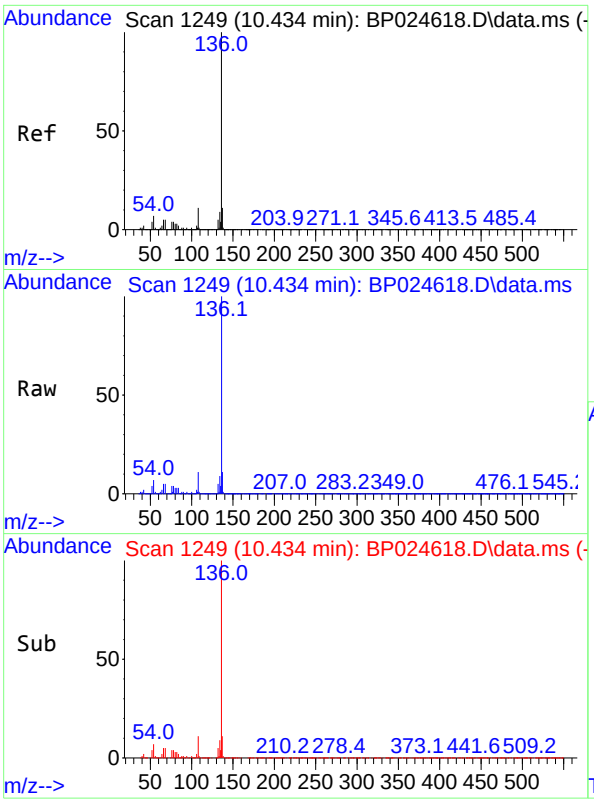


#20
3+4-Methylphenols
Concen: 40.33 ng
RT: 8.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



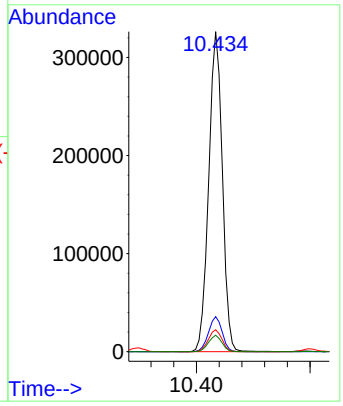


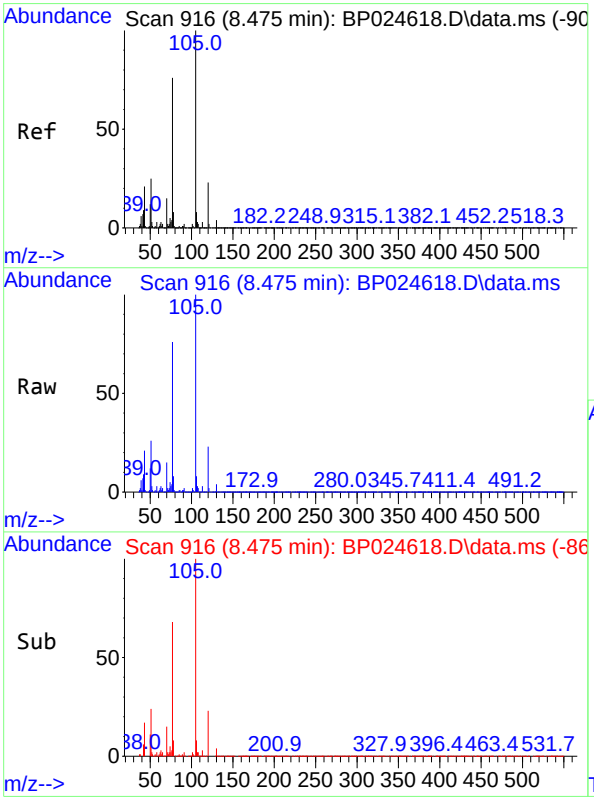
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

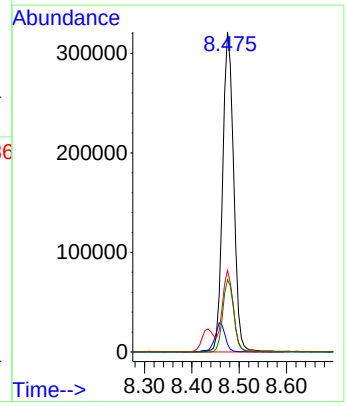


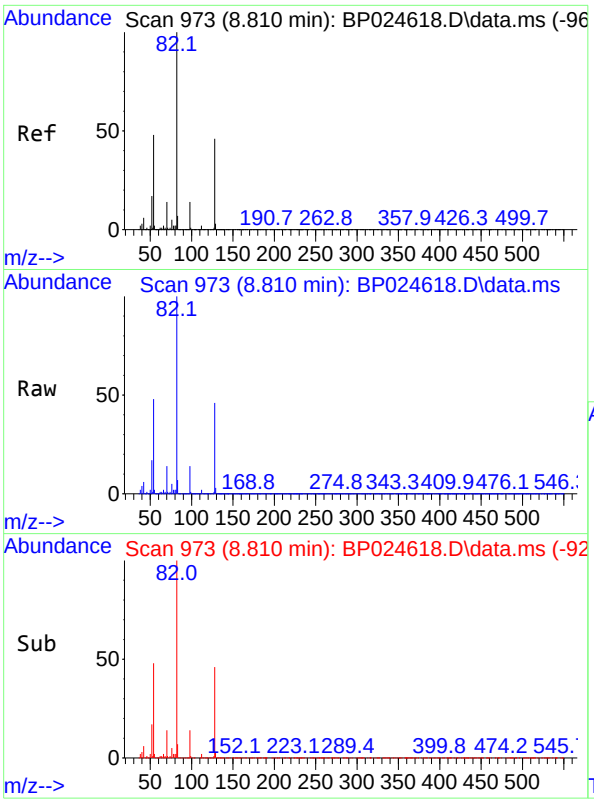


#22
Acetophenone
Concen: 38.64 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



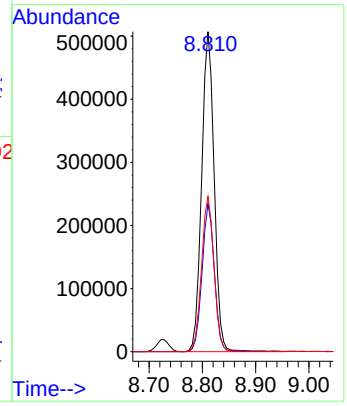


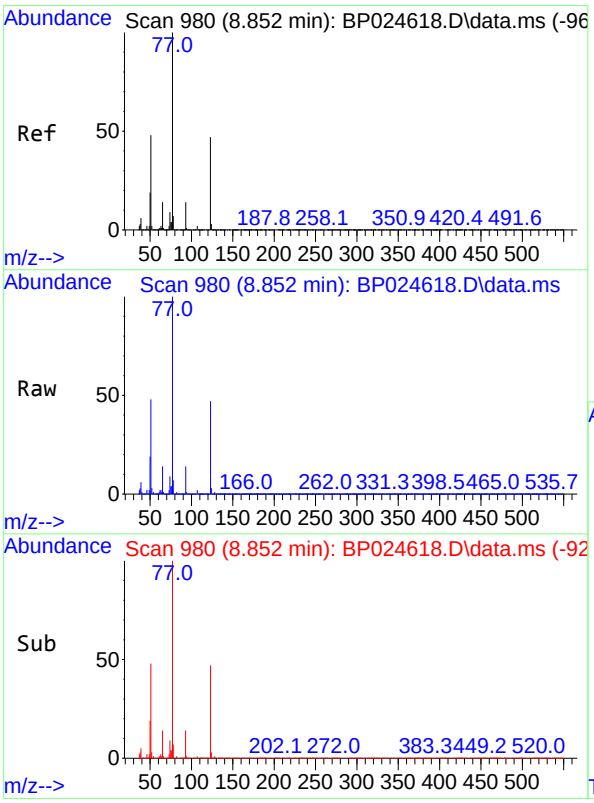
#23
Nitrobenzene-d5
Concen: 77.28 ng
RT: 8.810 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

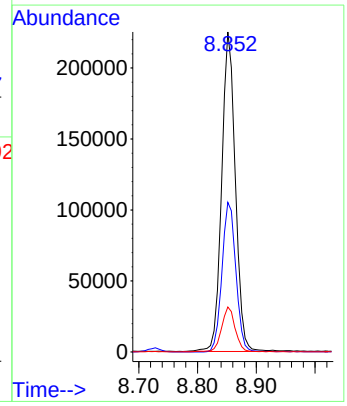


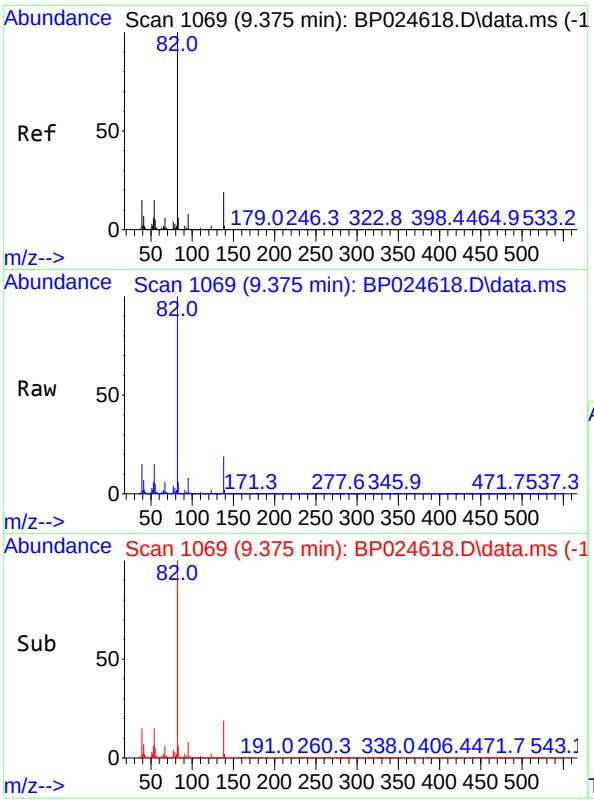


#24
Nitrobenzene
Concen: 38.65 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



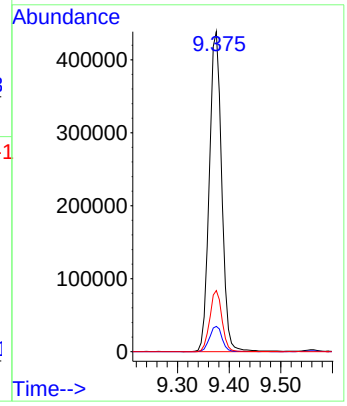


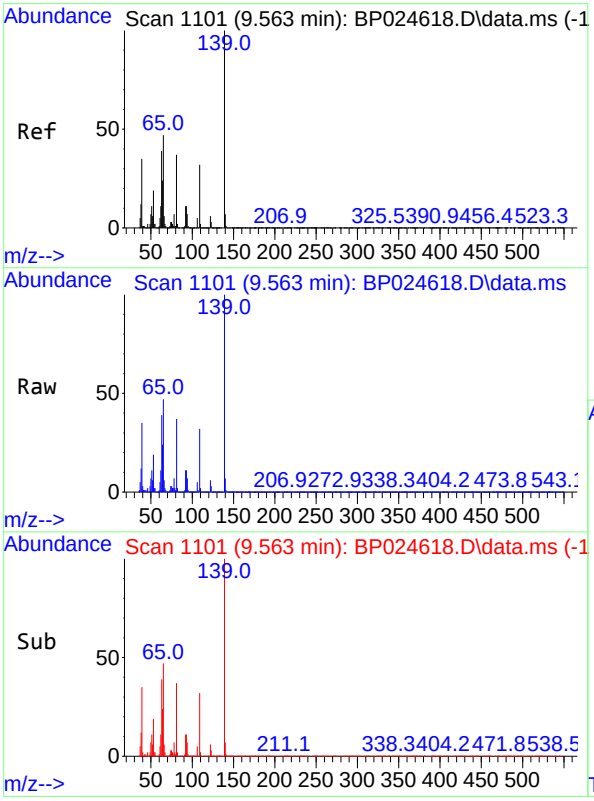
#25
Isophorone
Concen: 39.19 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

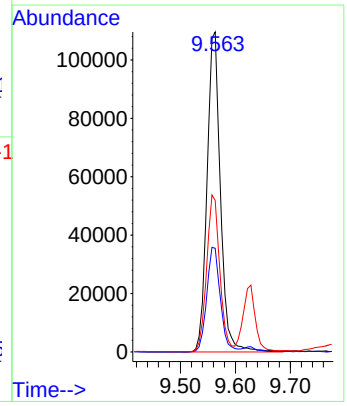


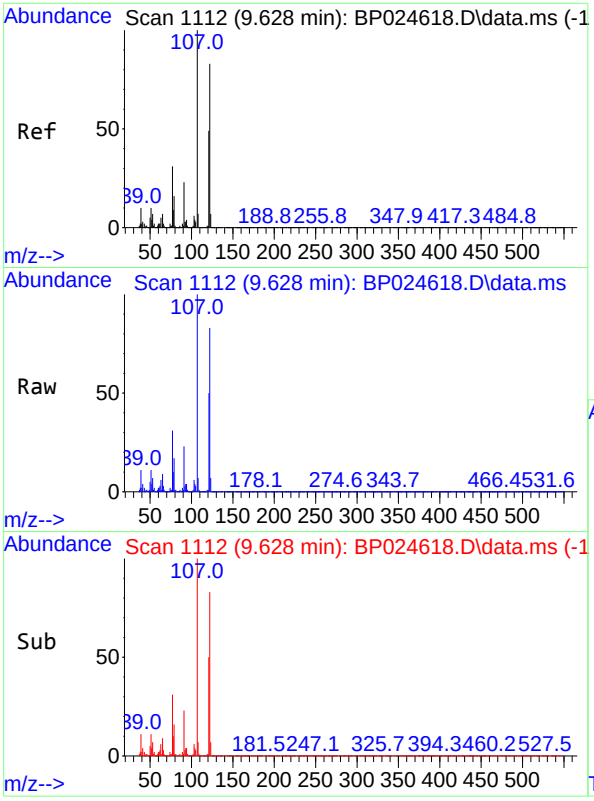


#26
2-Nitrophenol
Concen: 40.24 ng
RT: 9.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



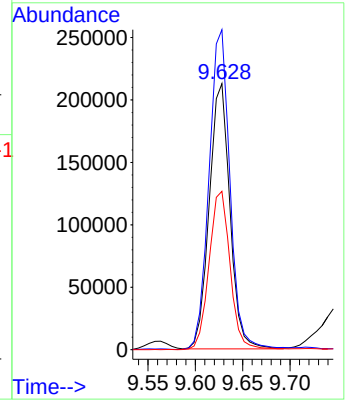


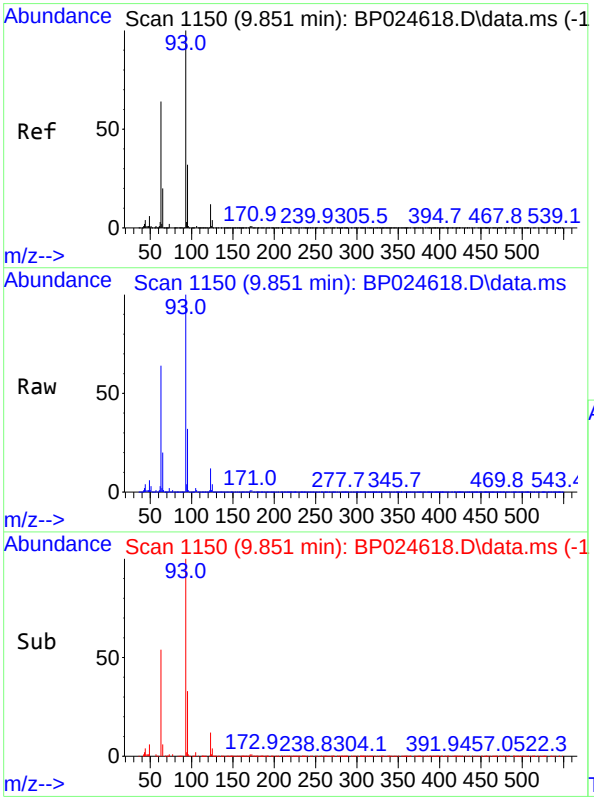
#27
2,4-Dimethylphenol
Concen: 39.62 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

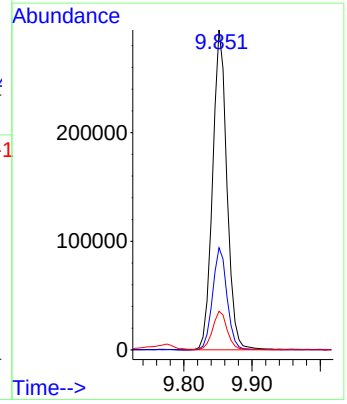


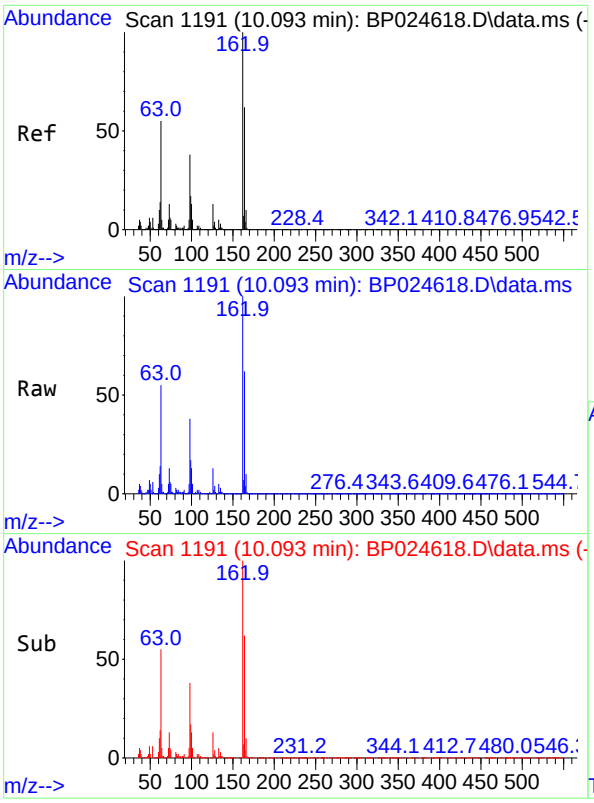


#28
bis(2-Chloroethoxy)methane
Concen: 38.88 ng
RT: 9.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



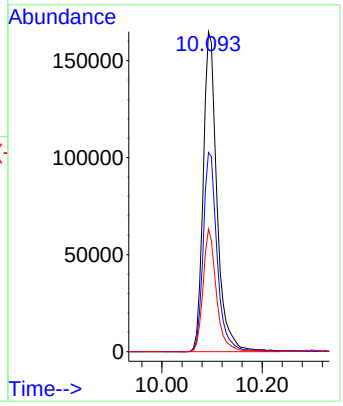


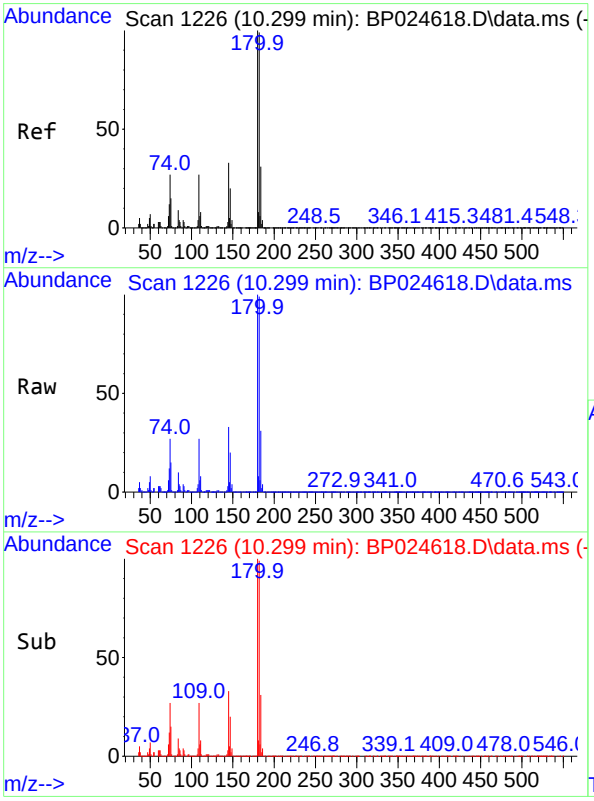
#29
2,4-Dichlorophenol
Concen: 39.95 ng
RT: 10.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

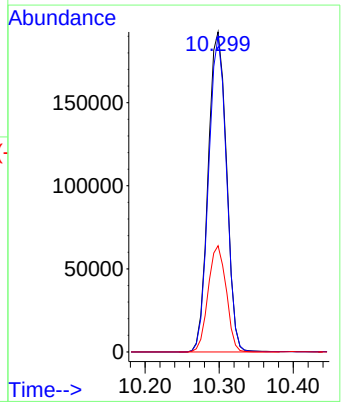


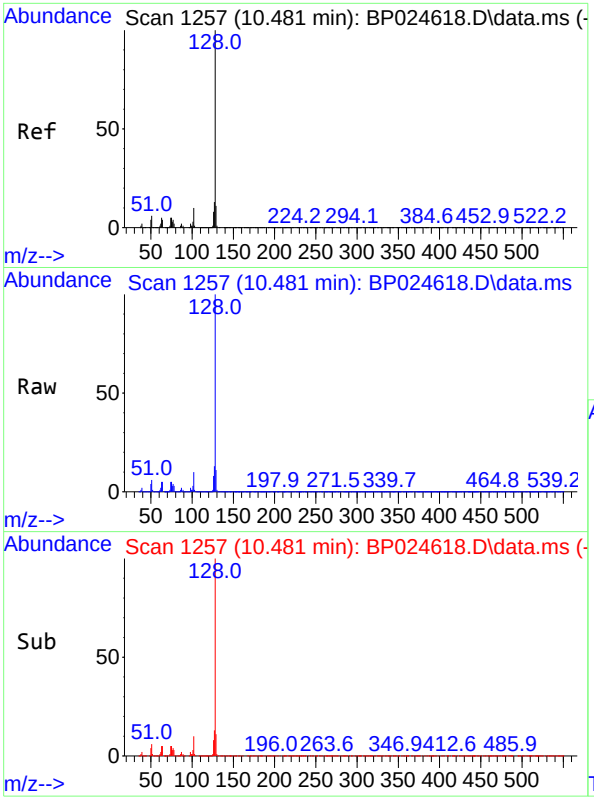


#30
1,2,4-Trichlorobenzene
Concen: 37.23 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



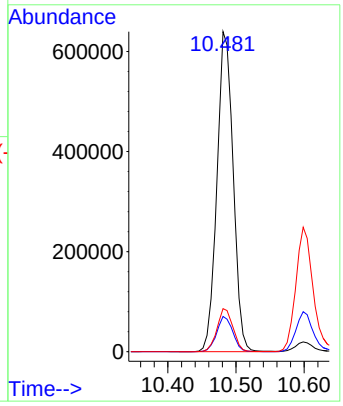


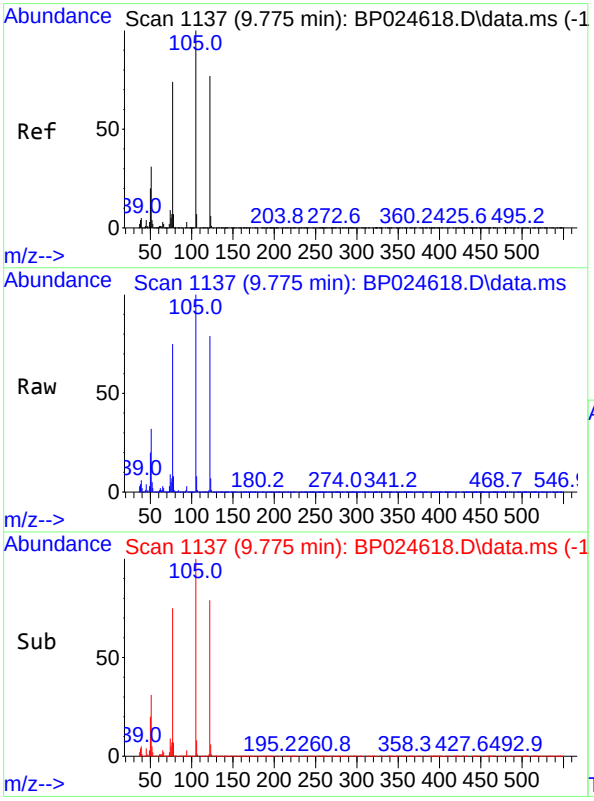
#31
Naphthalene
Concen: 37.82 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

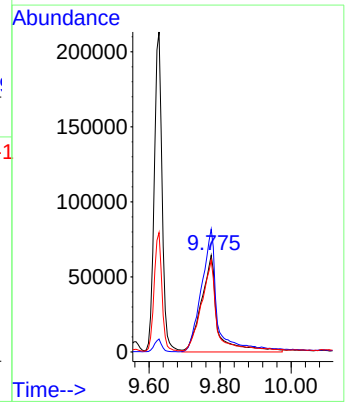


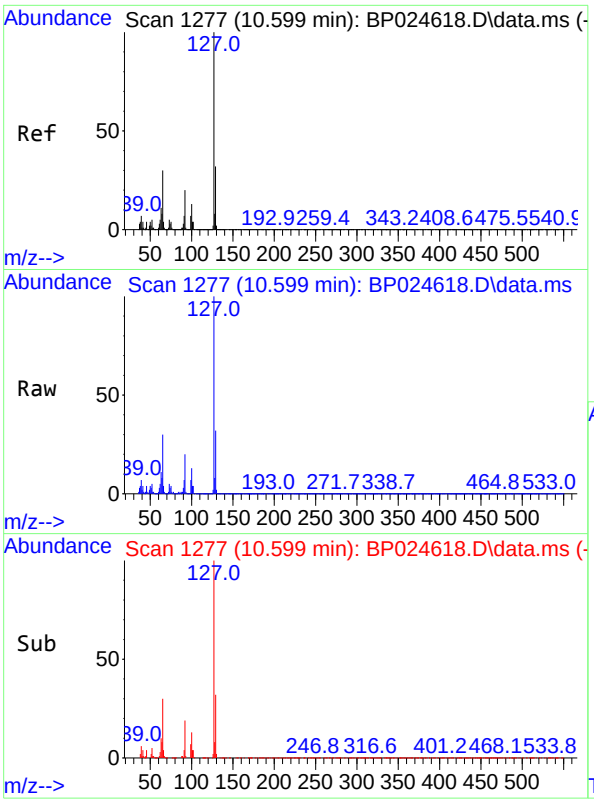


#32
Benzoic acid
Concen: 38.01 ng m
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



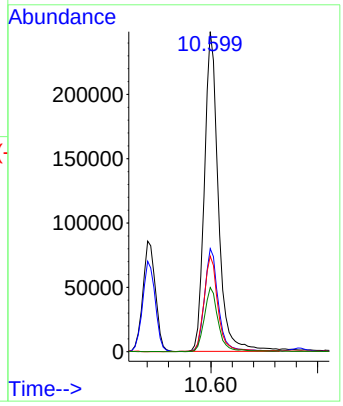


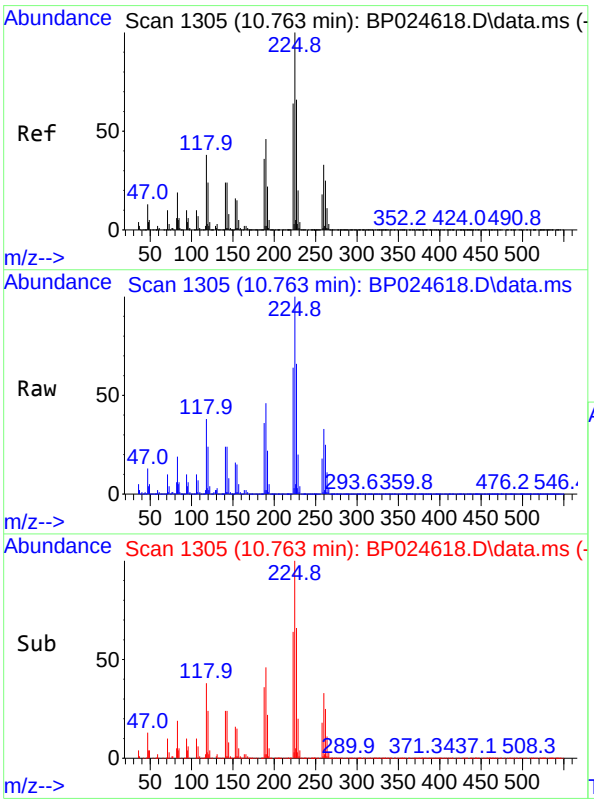
#33
4-Chloroaniline
Concen: 40.01 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

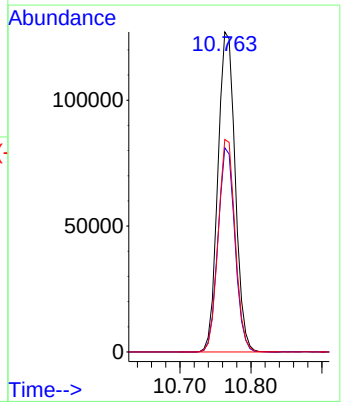


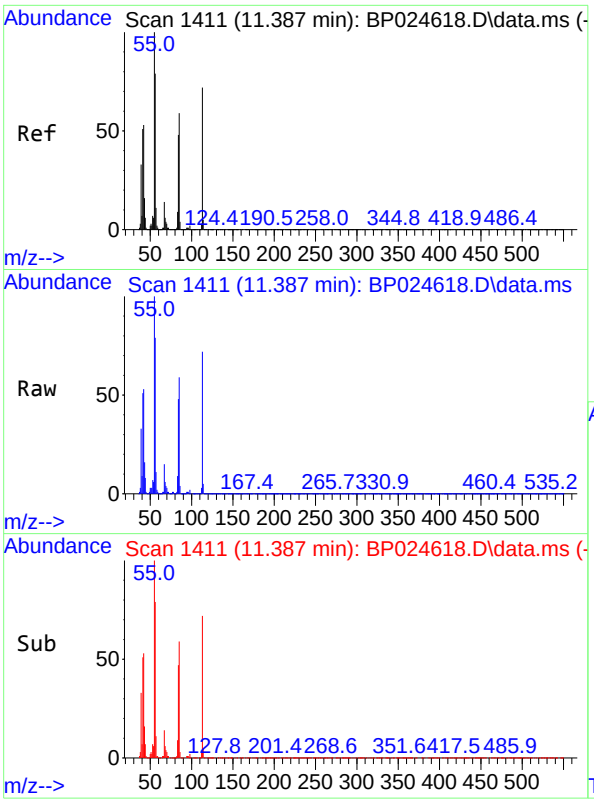


#34
Hexachlorobutadiene
Concen: 37.19 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



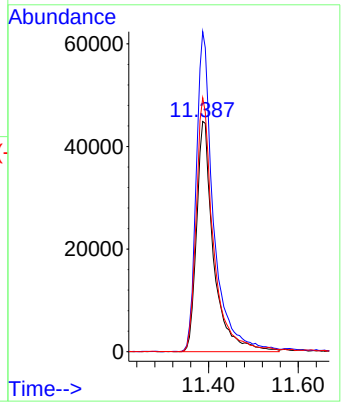


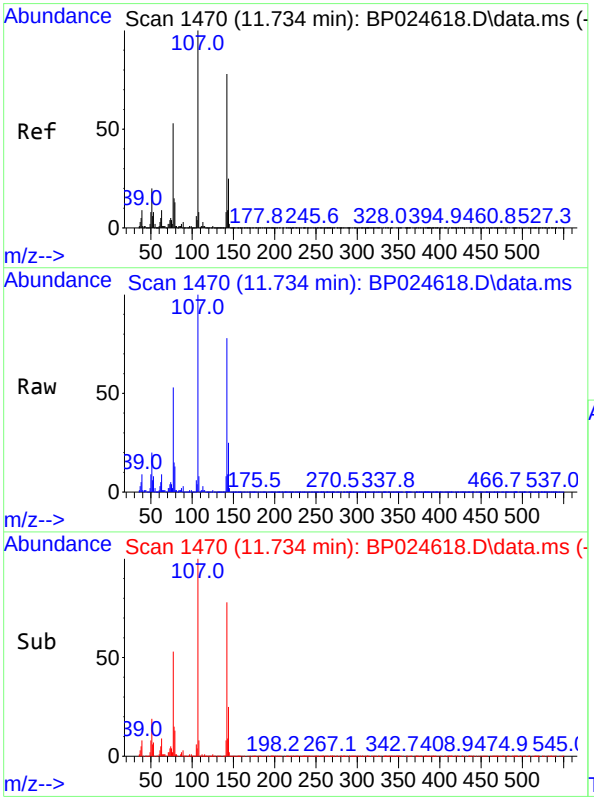
#35
Caprolactam
Concen: 41.43 ng
RT: 11.387 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

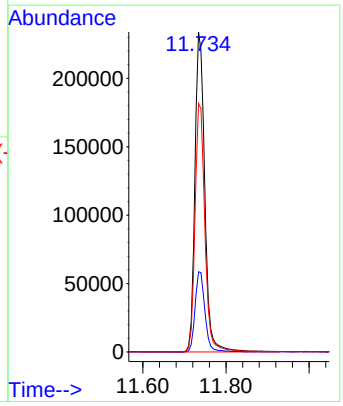


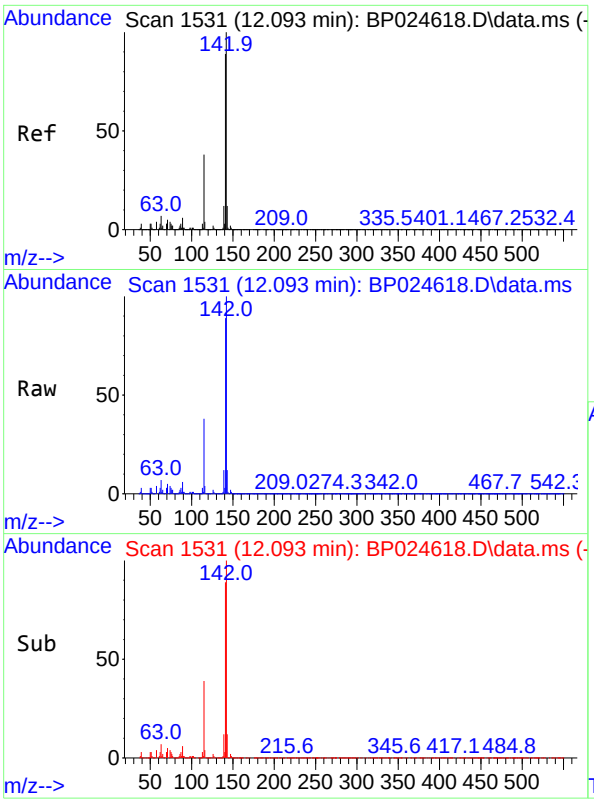


#36
4-Chloro-3-methylphenol
Concen: 40.07 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



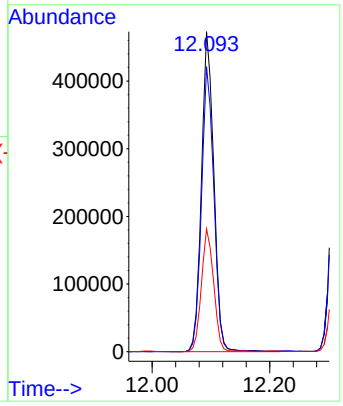


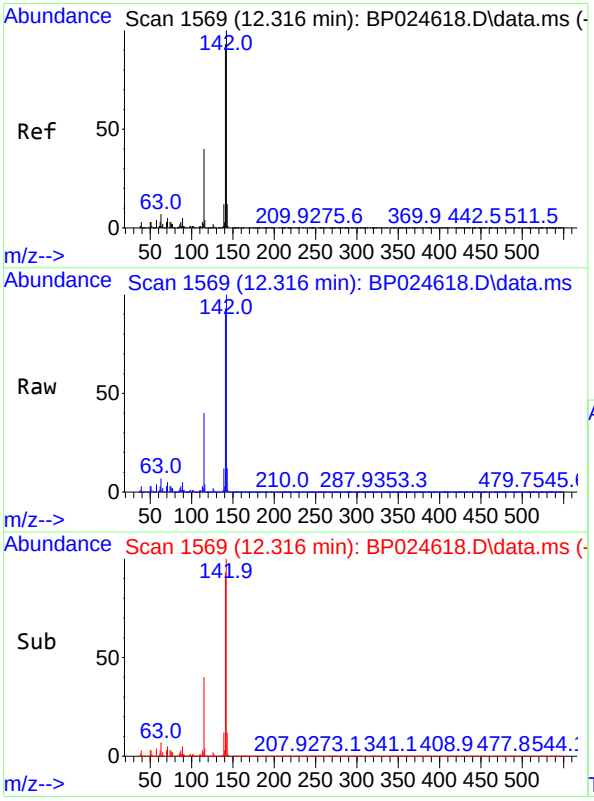
#37
2-Methylnaphthalene
Concen: 38.17 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

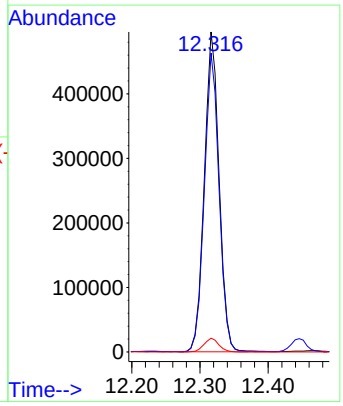


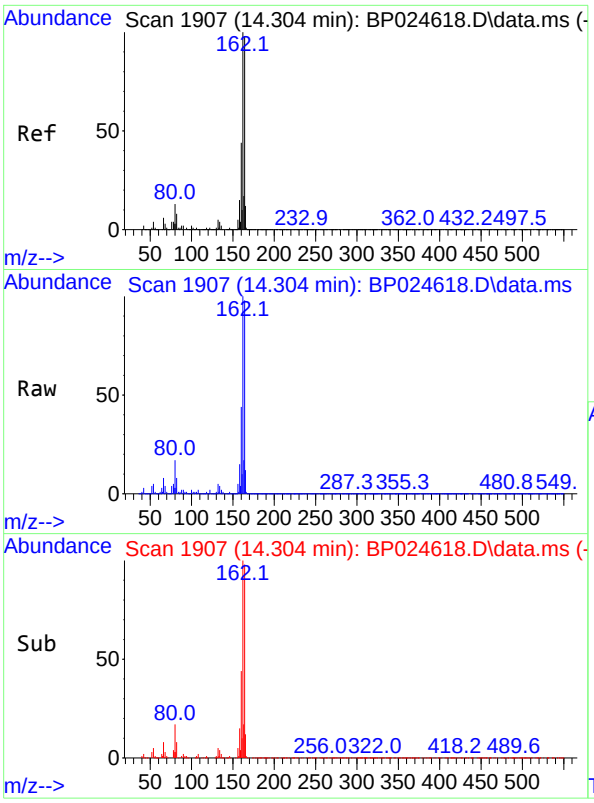


#38
1-Methylnaphthalene
Concen: 38.44 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



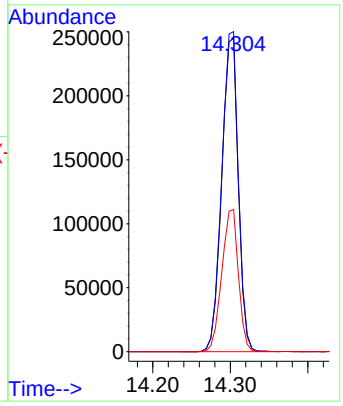


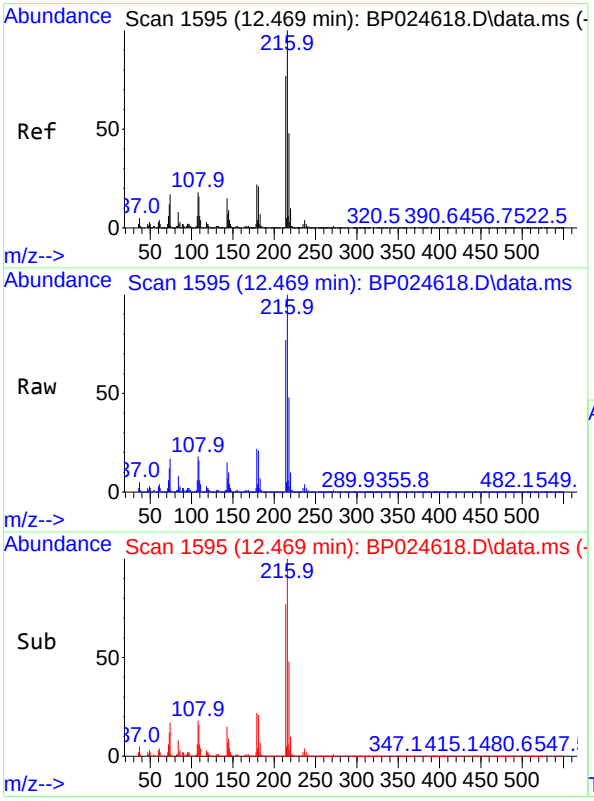
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

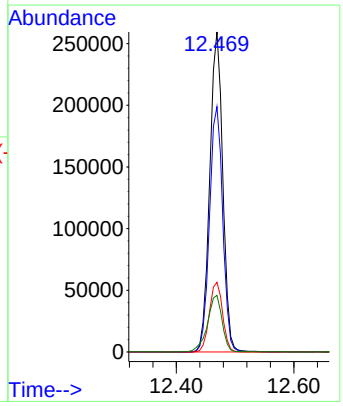


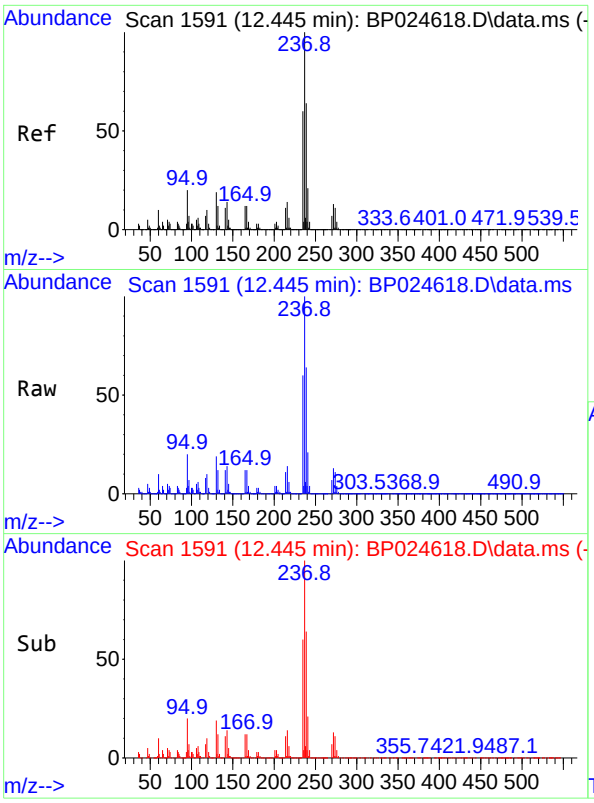


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.84 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



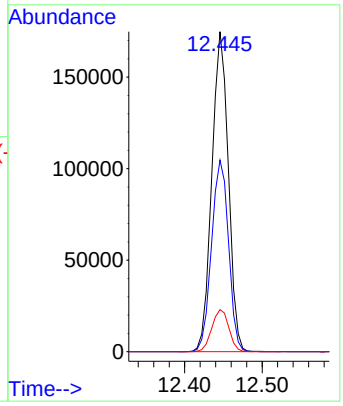


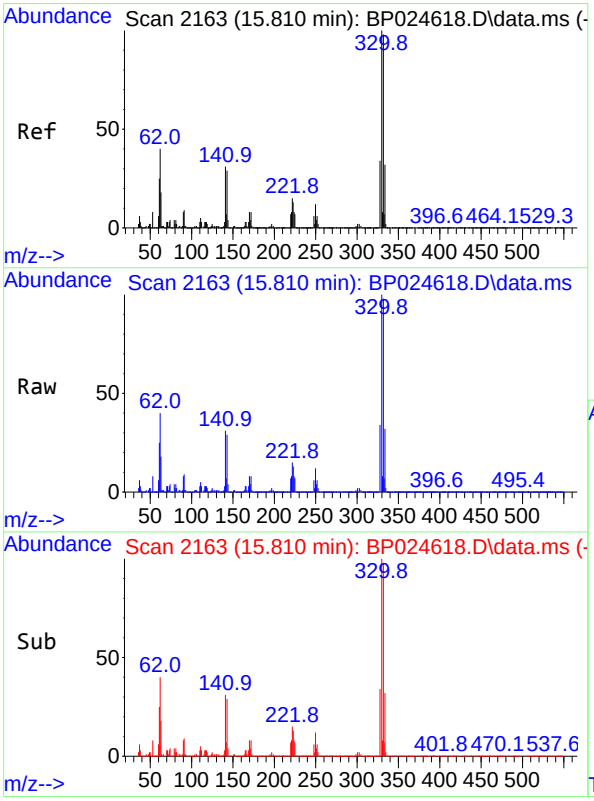
#41
Hexachlorocyclopentadiene
Concen: 40.48 ng
RT: 12.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

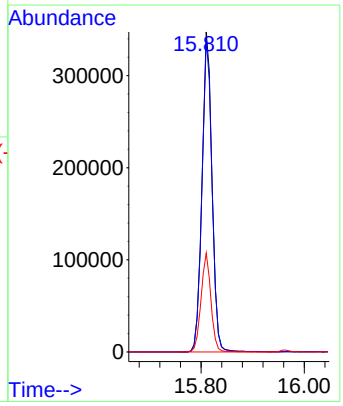


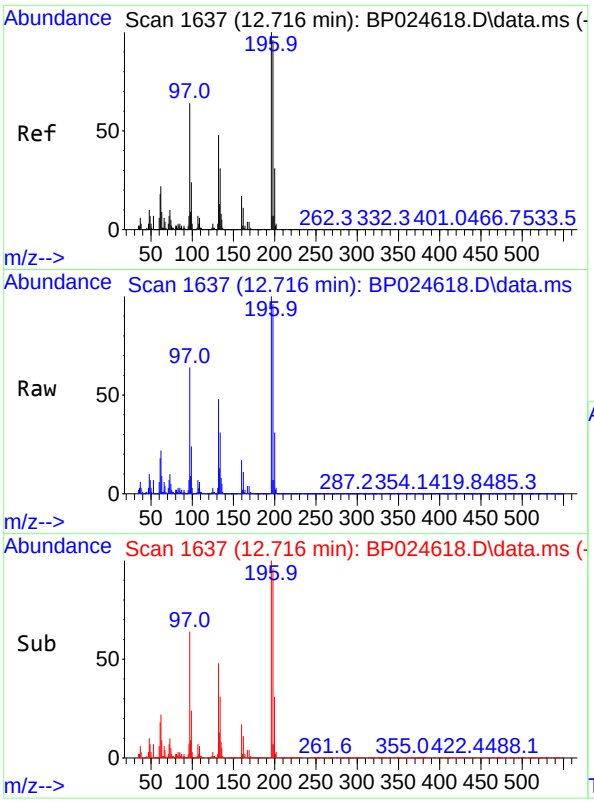


#42
2,4,6-Tribromophenol
Concen: 76.13 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



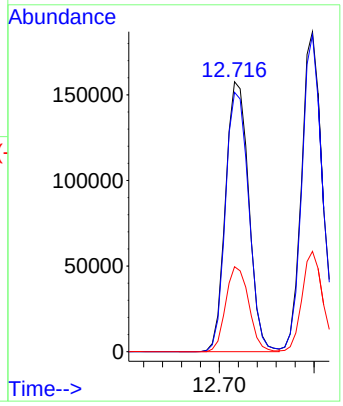


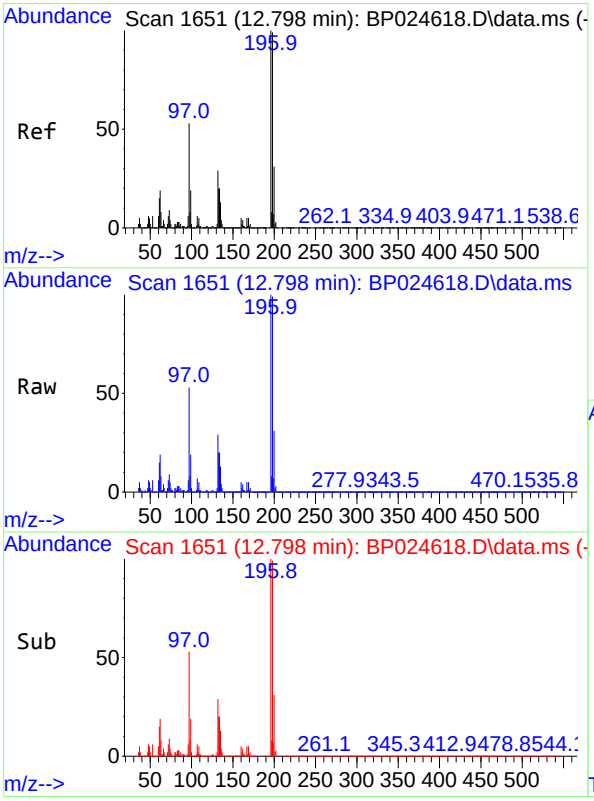
#43
2,4,6-Trichlorophenol
Concen: 39.41 ng
RT: 12.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

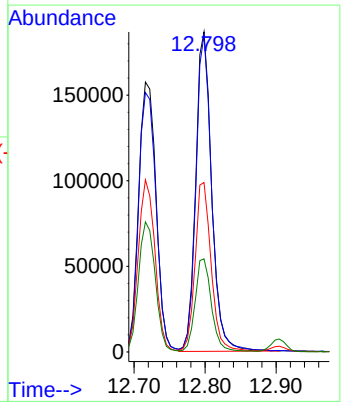


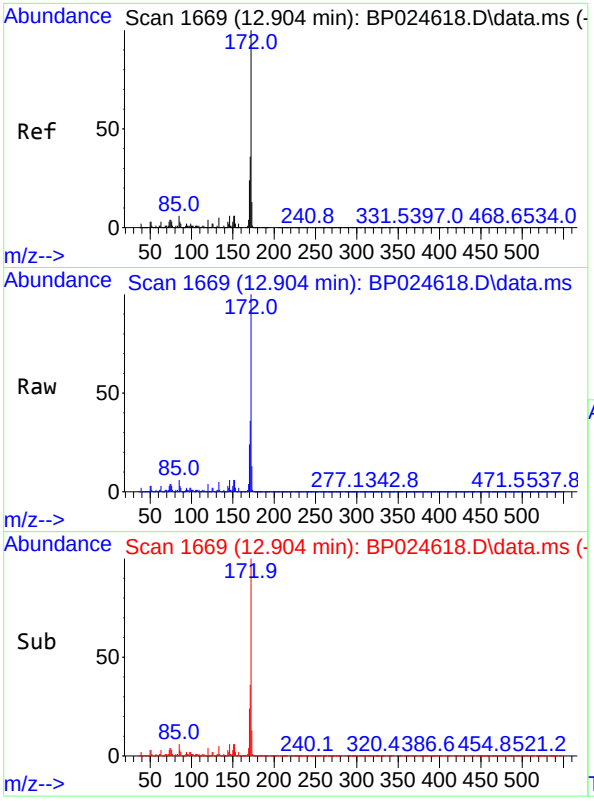


#44
2,4,5-Trichlorophenol
Concen: 38.62 ng
RT: 12.798 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



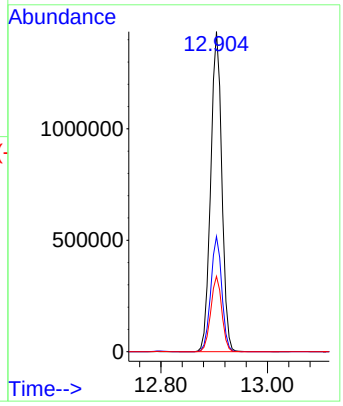


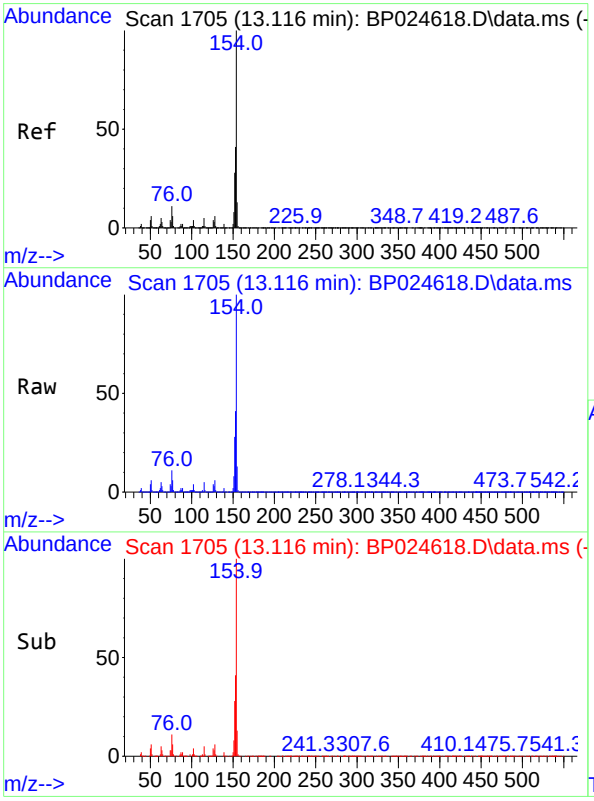
#45
2-Fluorobiphenyl
Concen: 75.05 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

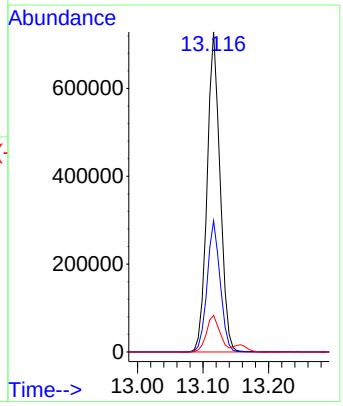


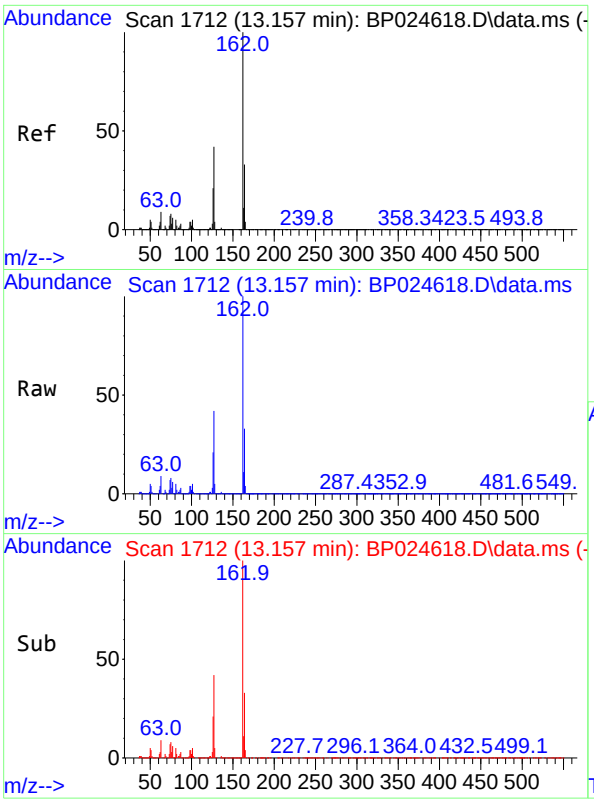


#46
1,1'-Biphenyl
Concen: 37.42 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



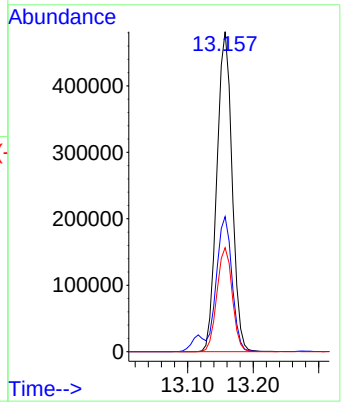


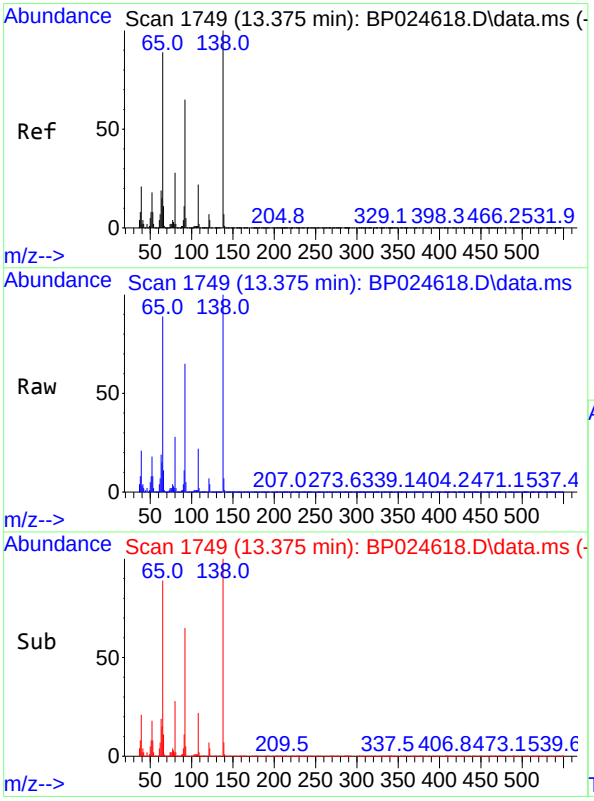
#47
2-Chloronaphthalene
Concen: 37.79 ng
RT: 13.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

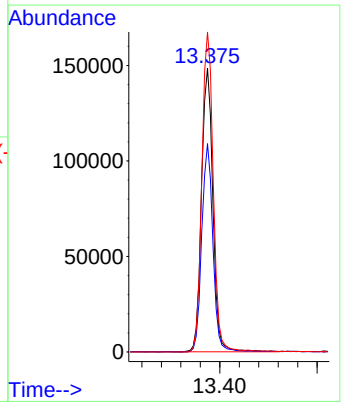


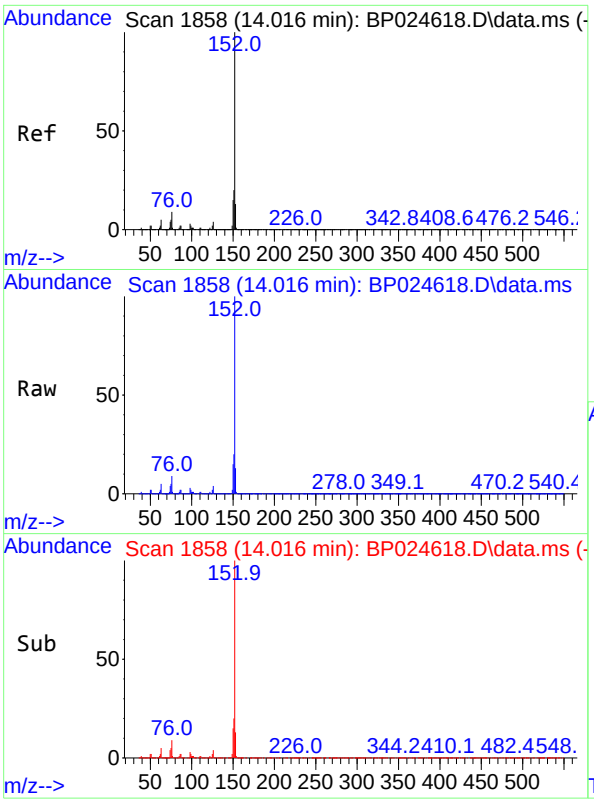


#48
2-Nitroaniline
Concen: 40.10 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



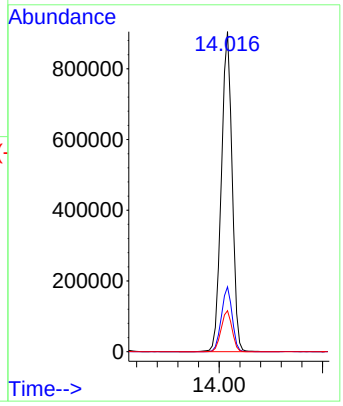


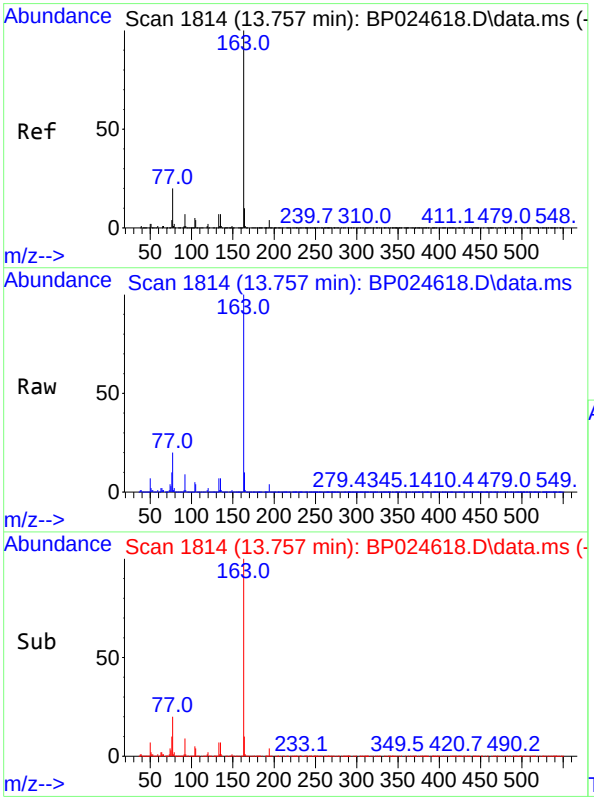
#49
Acenaphthylene
Concen: 38.26 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

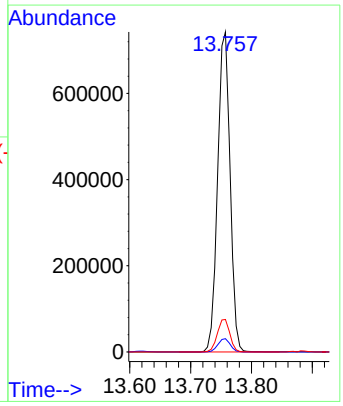


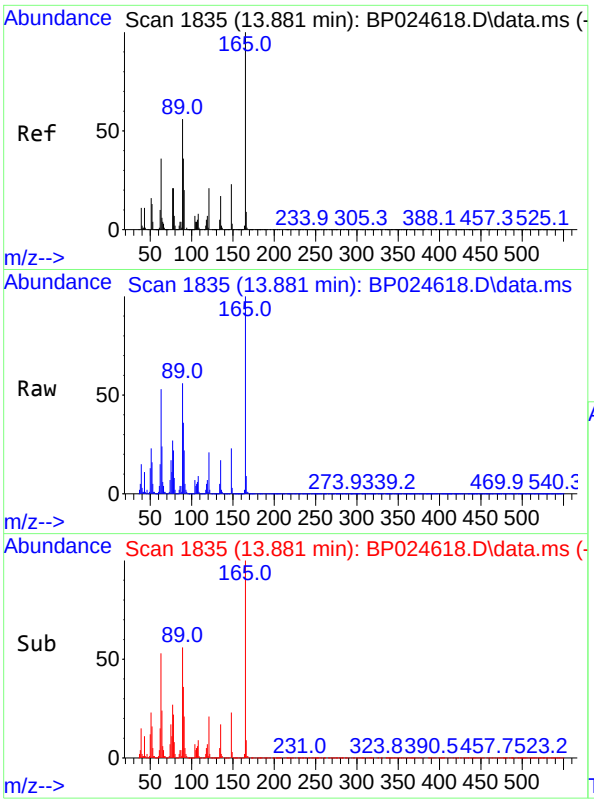


#50
Dimethylphthalate
Concen: 38.04 ng
RT: 13.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



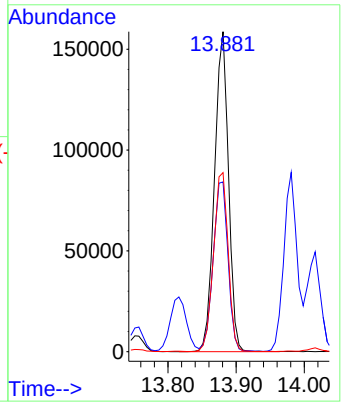


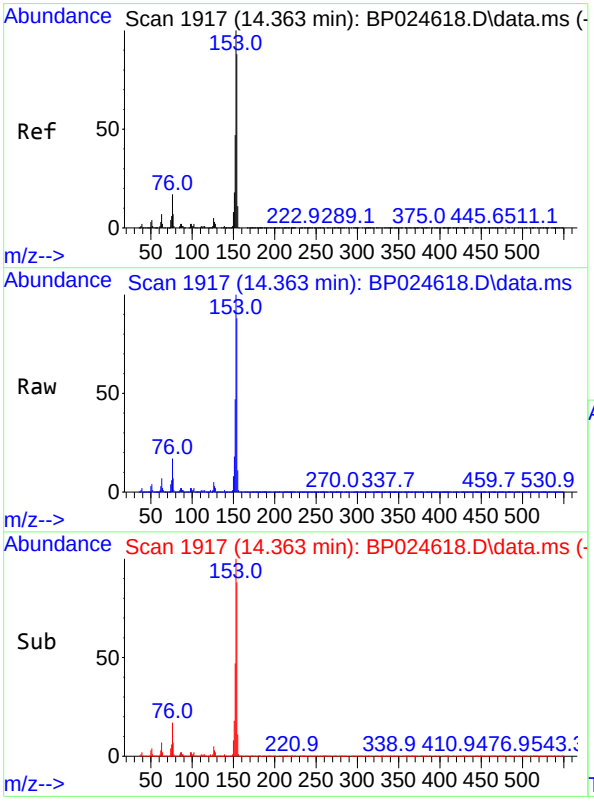
#51
2,6-Dinitrotoluene
Concen: 38.75 ng
RT: 13.881 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

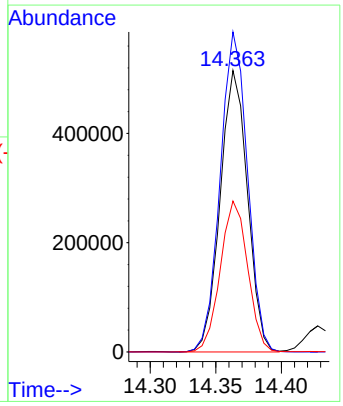


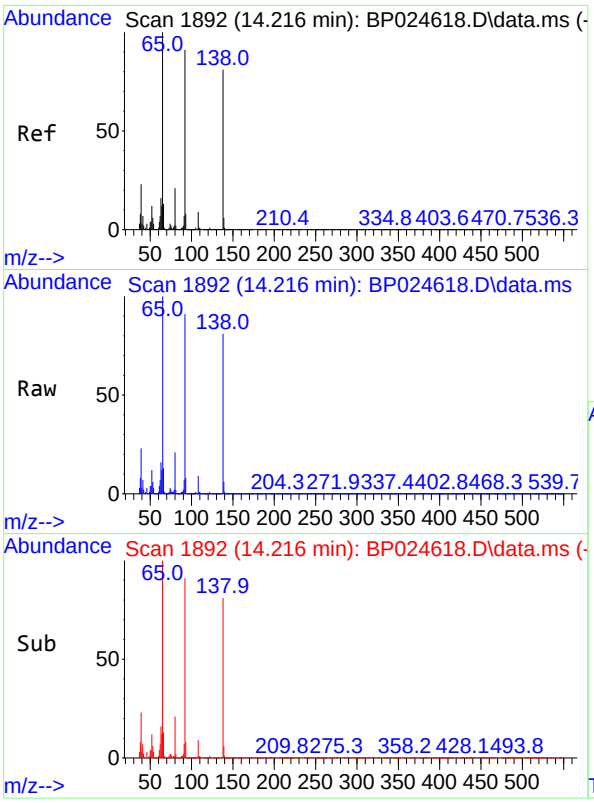


#52
Acenaphthene
Concen: 37.93 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



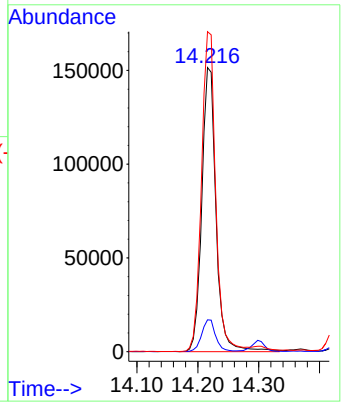


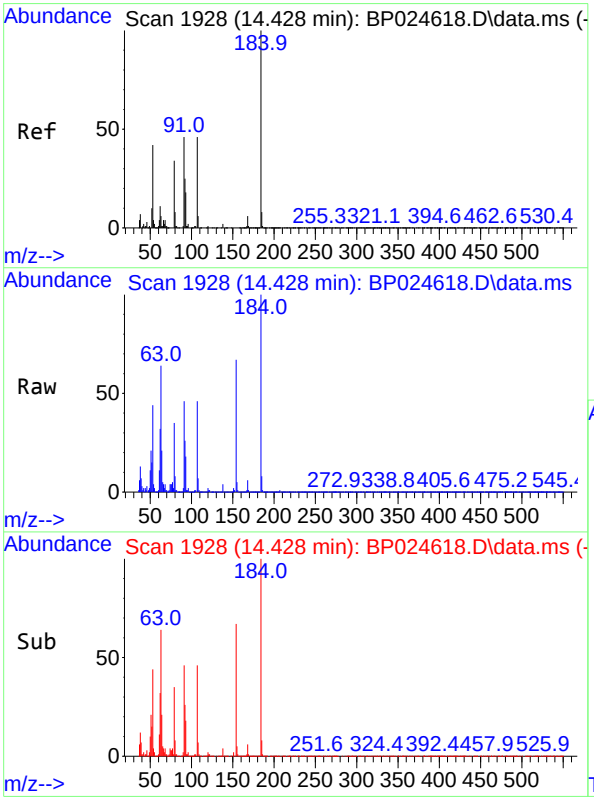
#53
3-Nitroaniline
Concen: 41.39 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

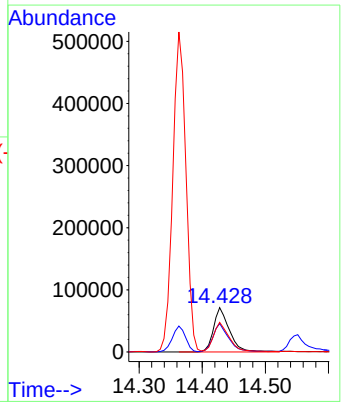


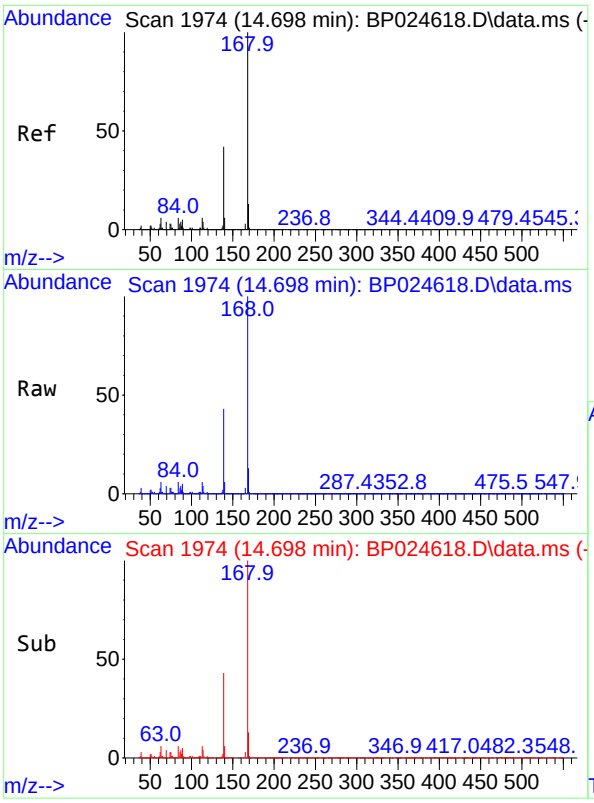


#54
2,4-Dinitrophenol
Concen: 37.54 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



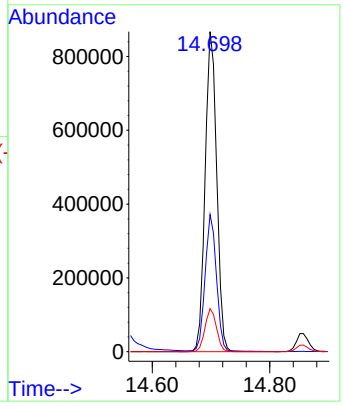


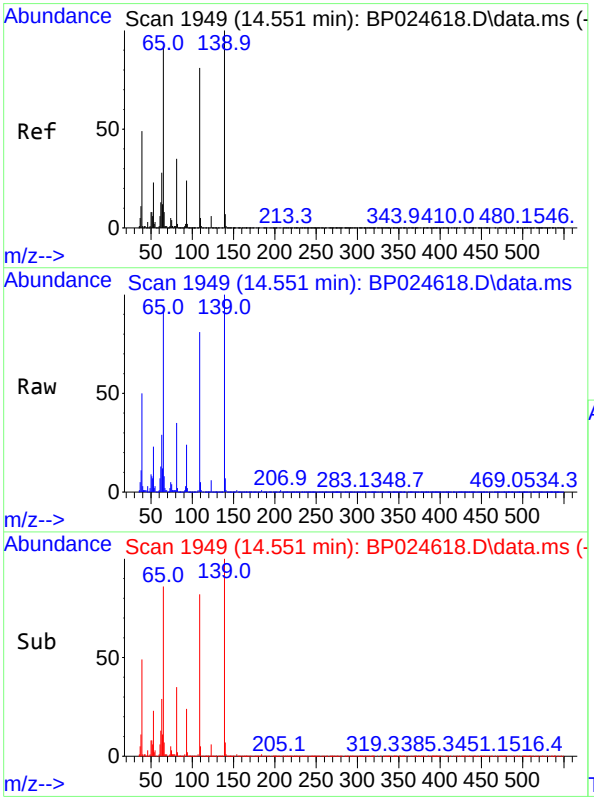
#55
Dibenzofuran
Concen: 37.77 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

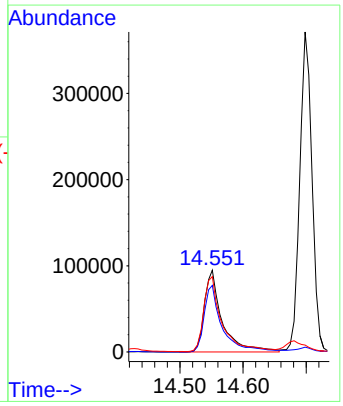


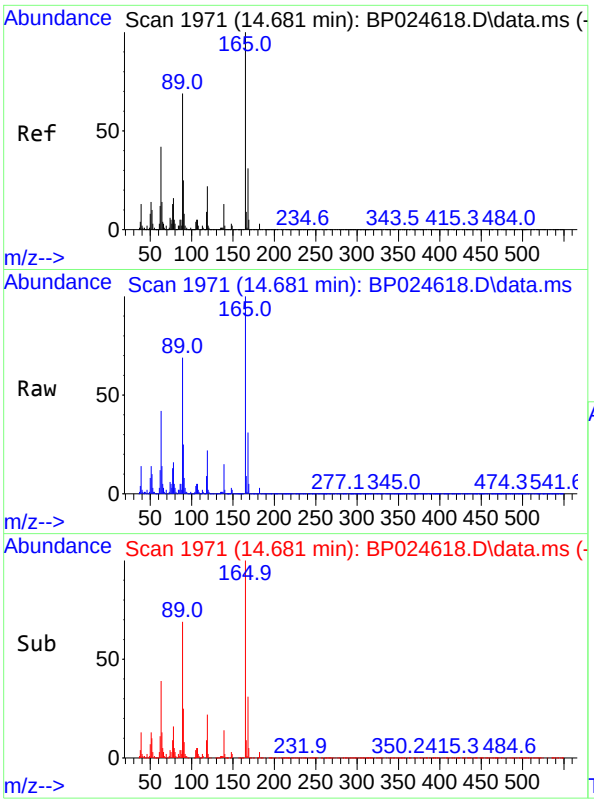


#56
4-Nitrophenol
Concen: 38.41 ng
RT: 14.551 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



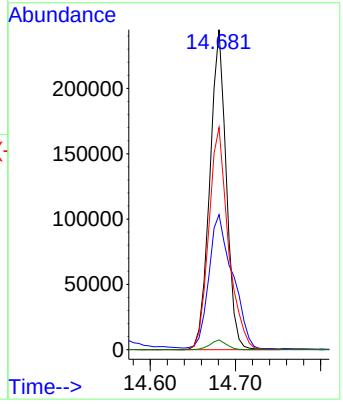


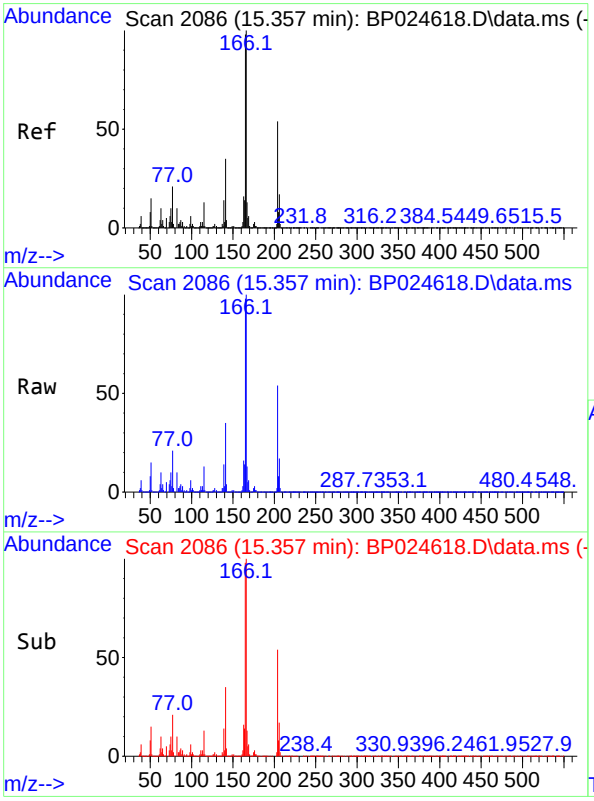
#57
2,4-Dinitrotoluene
Concen: 40.02 ng
RT: 14.681 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

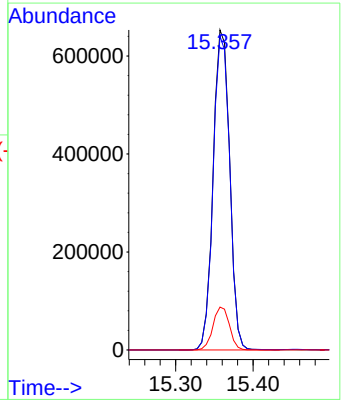


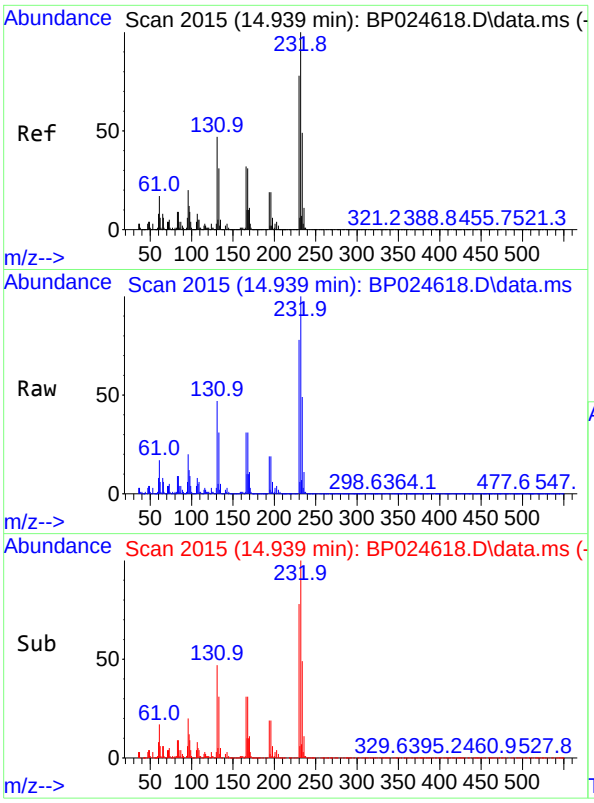


#58
Fluorene
Concen: 37.89 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



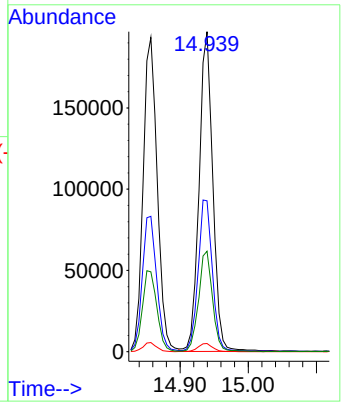


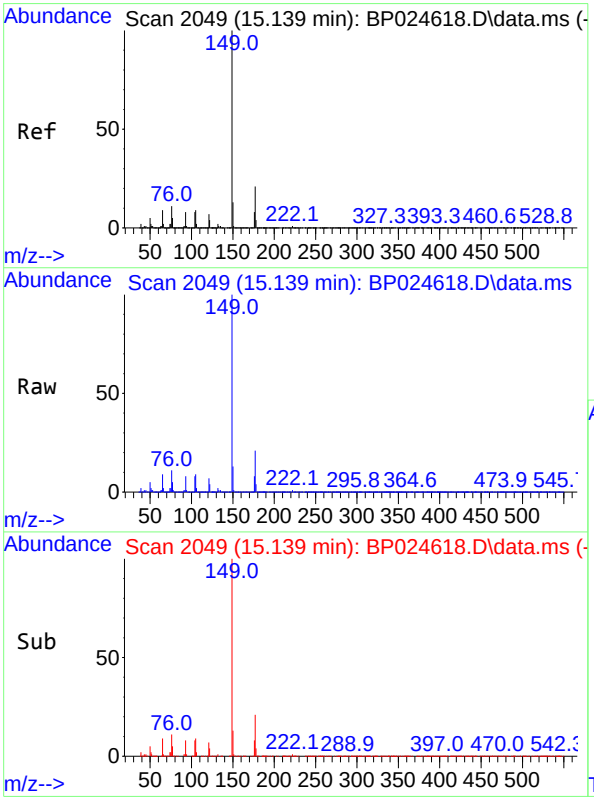
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.98 ng
RT: 14.939 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

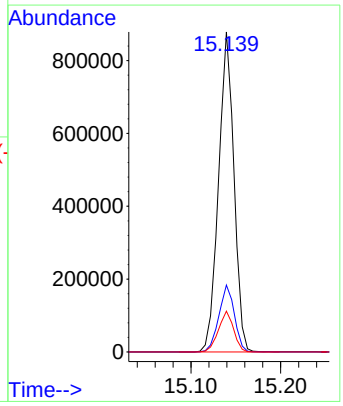


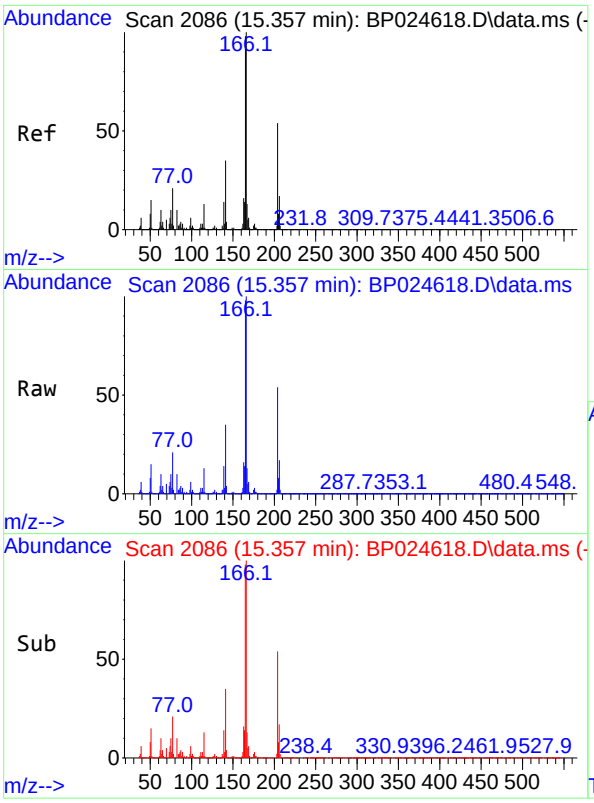


#60
Diethylphthalate
Concen: 37.48 ng
RT: 15.139 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



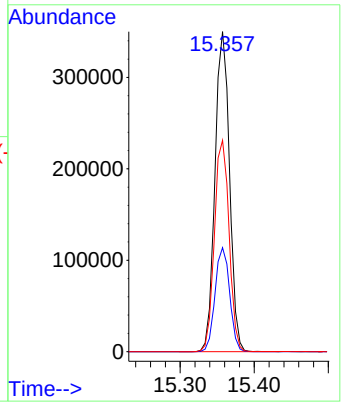


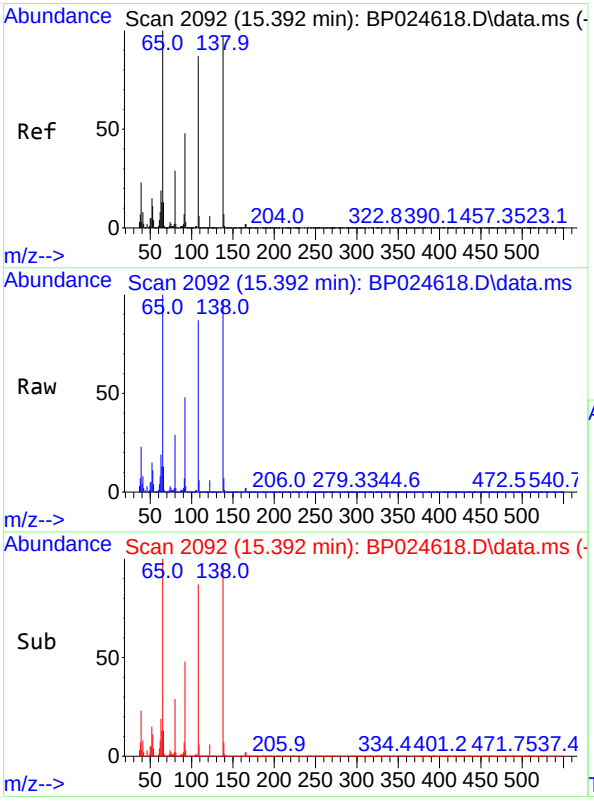
#61
4-Chlorophenyl-phenylether
Concen: 37.29 ng
RT: 15.357 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

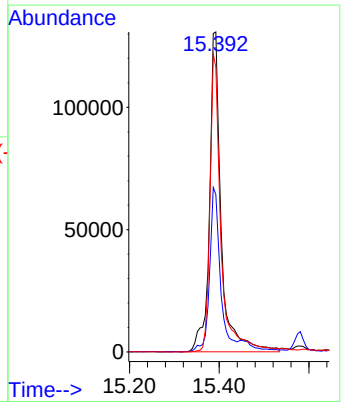


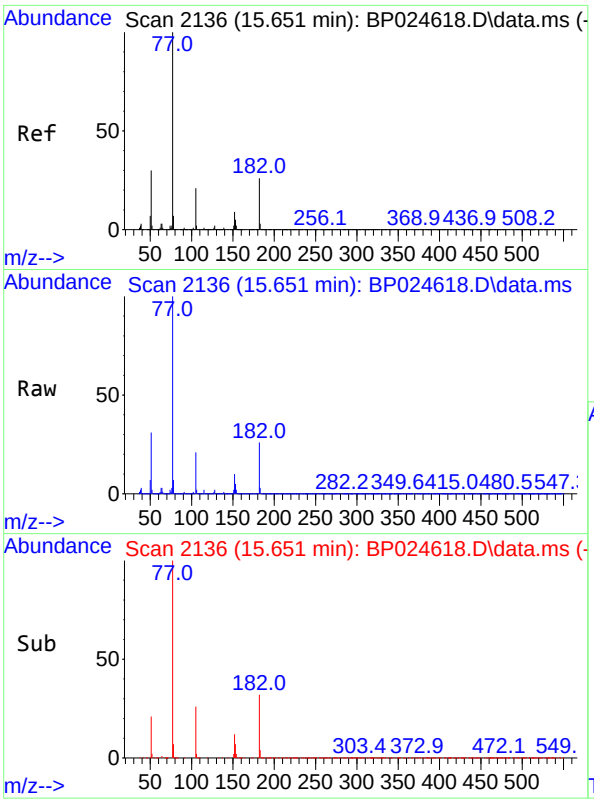


#62
4-Nitroaniline
Concen: 41.24 ng
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



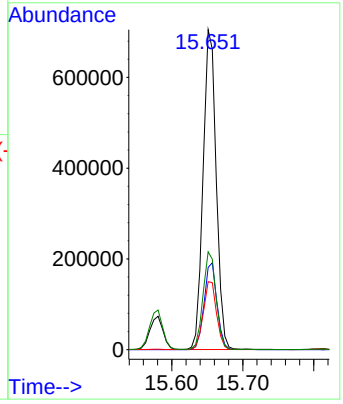


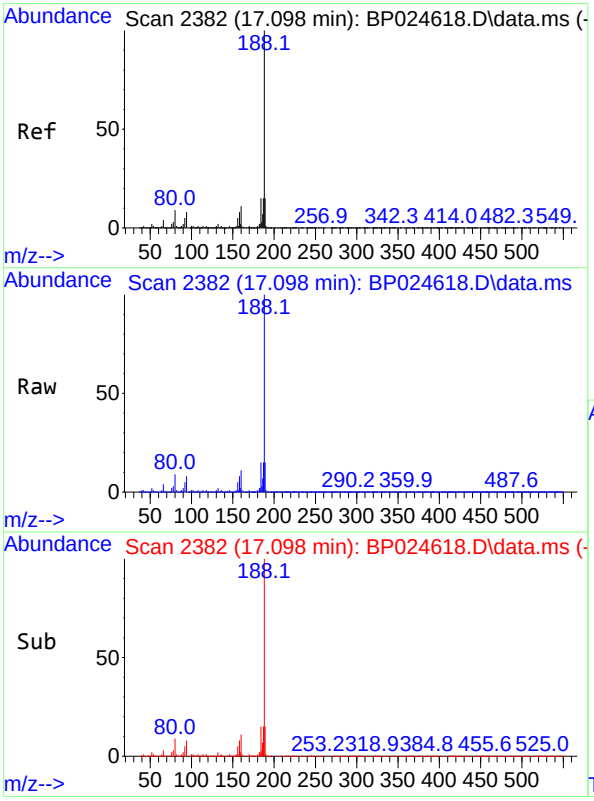
#63
Azobenzene
Concen: 37.94 ng
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

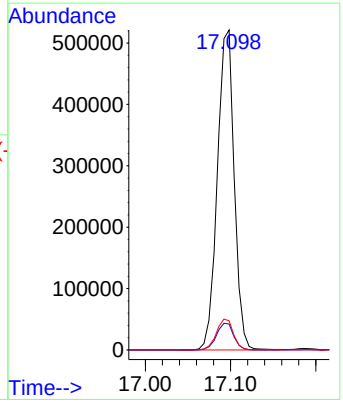


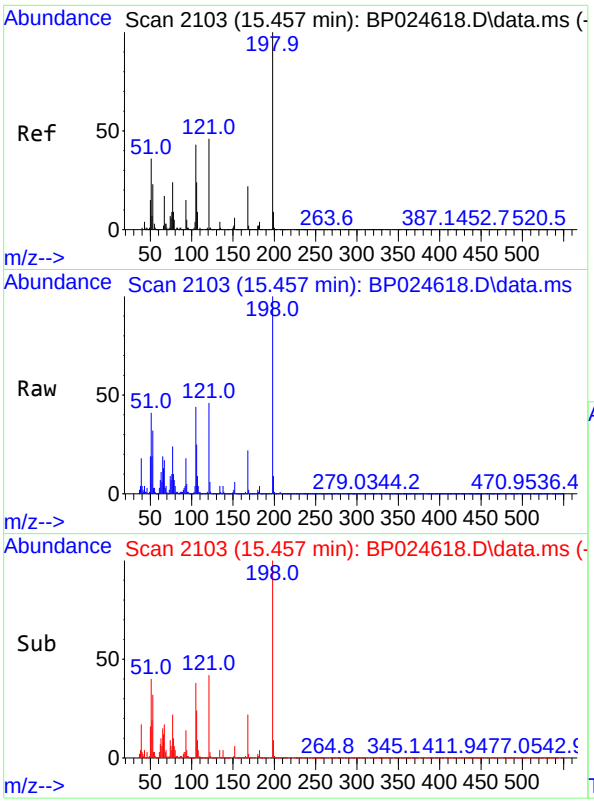


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



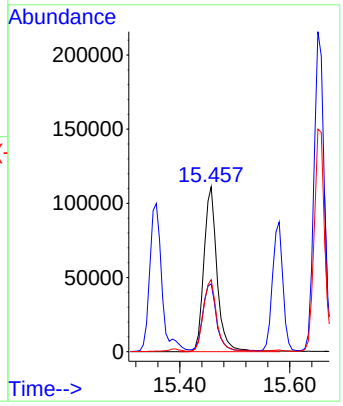


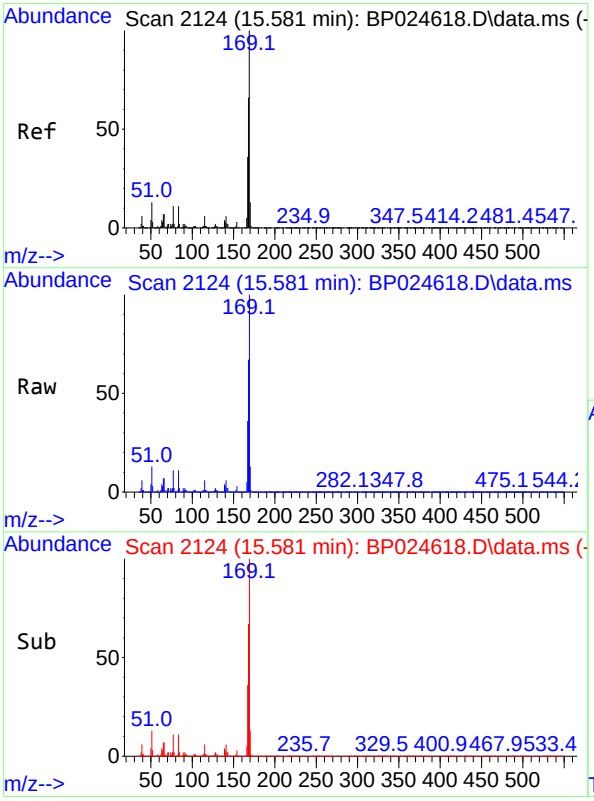
#65
4,6-Dinitro-2-methylphenol
Concen: 39.84 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

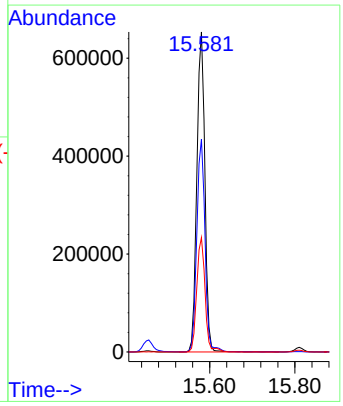


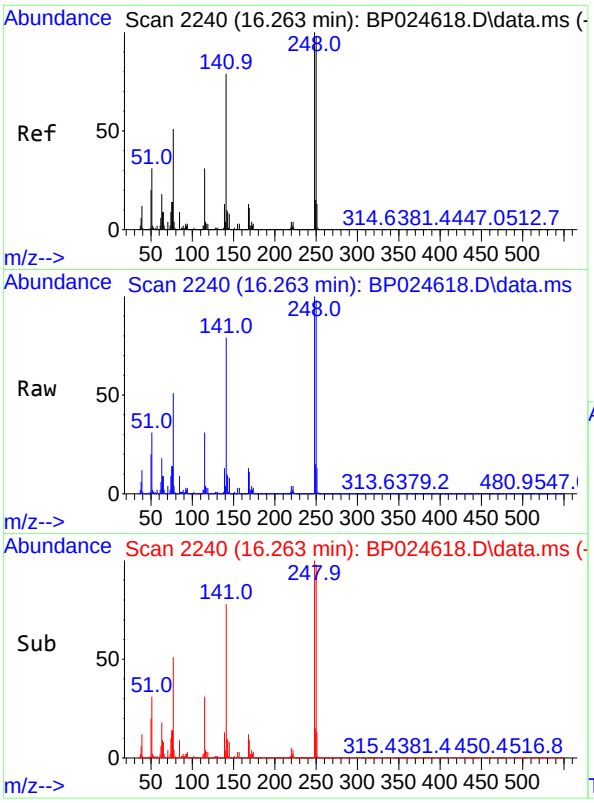


#66
n-Nitrosodiphenylamine
Concen: 38.63 ng
RT: 15.581 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



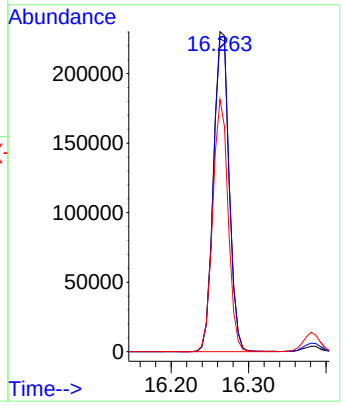


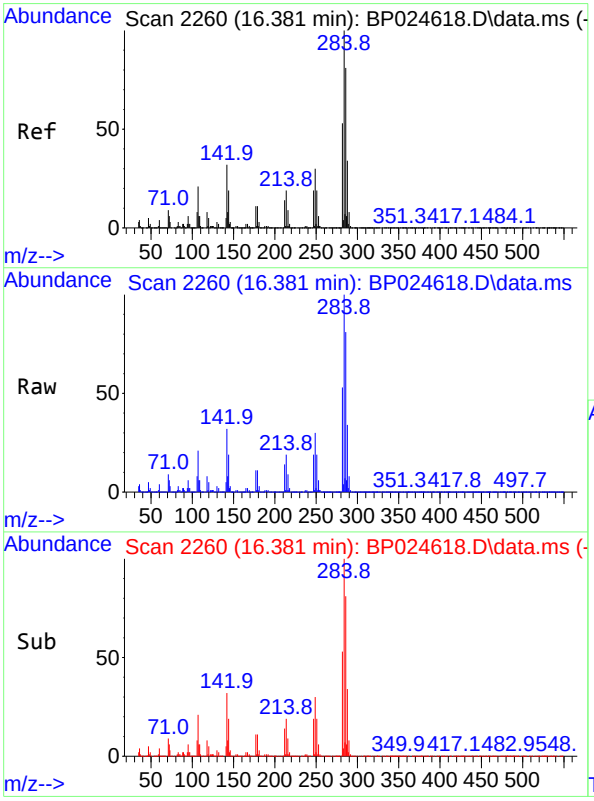
#67
4-Bromophenyl-phenylether
Concen: 38.28 ng
RT: 16.263 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

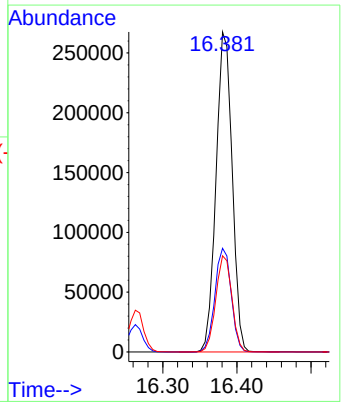


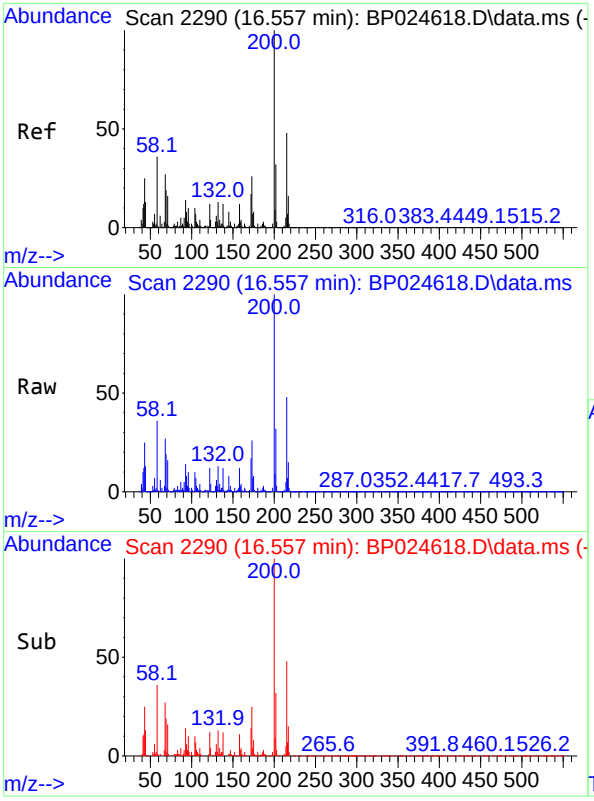


#68
Hexachlorobenzene
Concen: 37.60 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



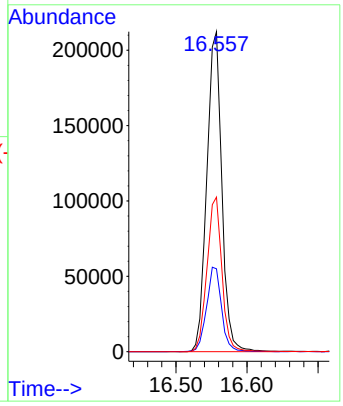


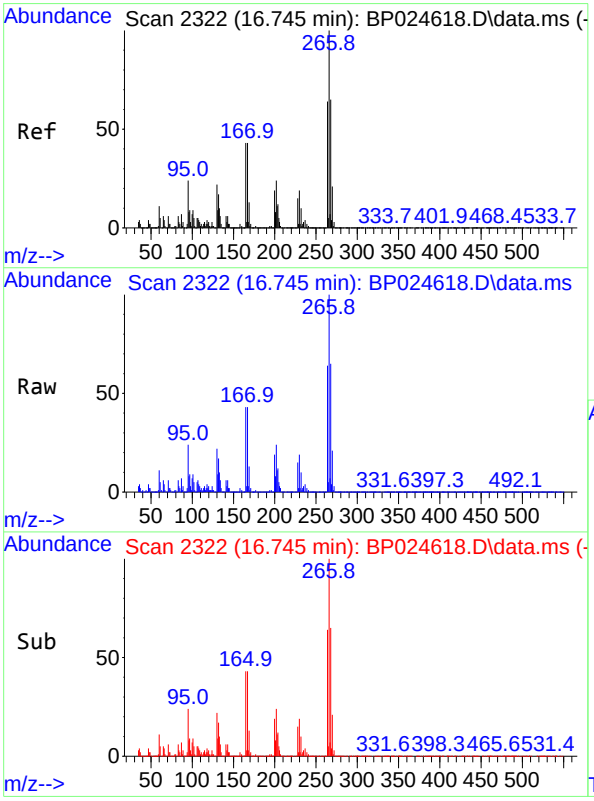
#69
Atrazine
Concen: 38.67 ng
RT: 16.557 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

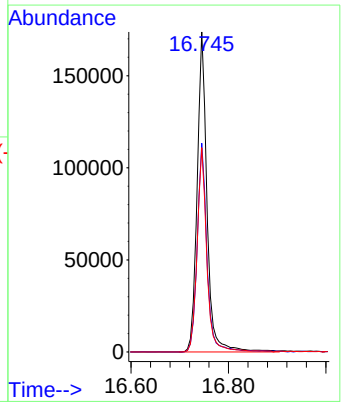


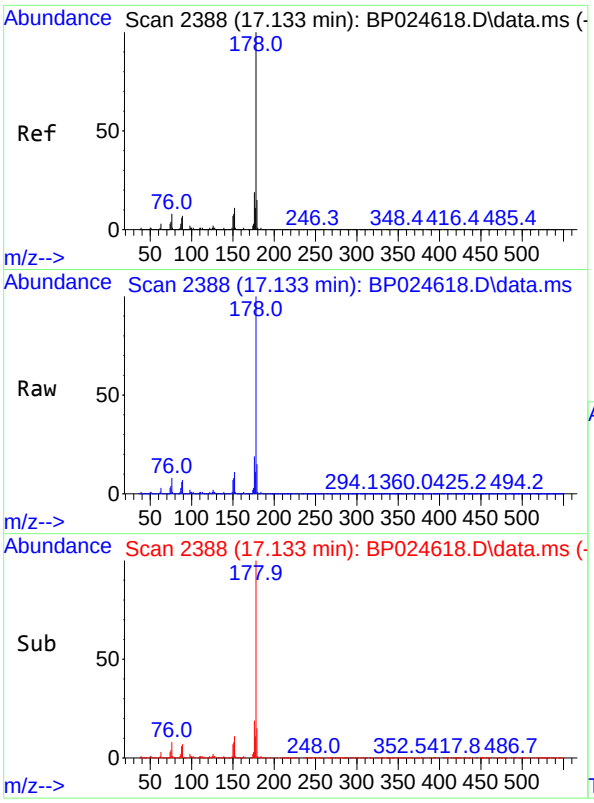


#70
Pentachlorophenol
Concen: 40.91 ng
RT: 16.745 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



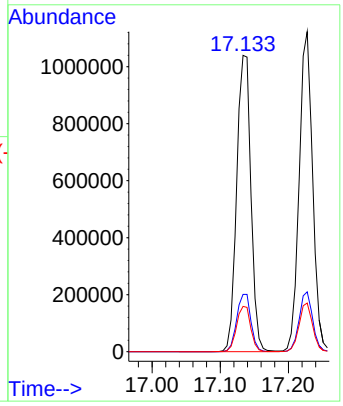


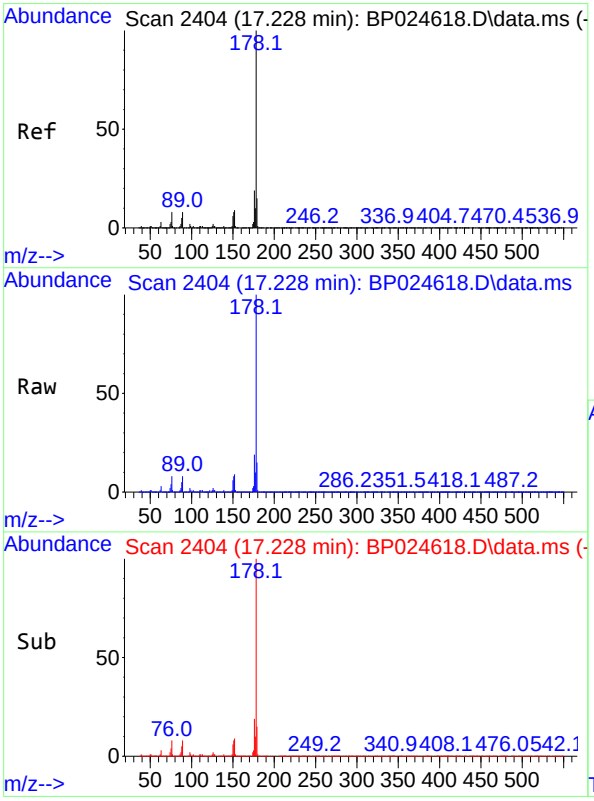
#71
Phenanthrene
Concen: 37.80 ng
RT: 17.133 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

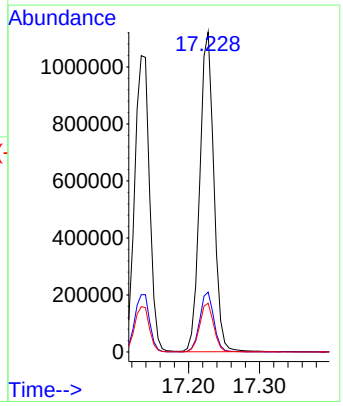


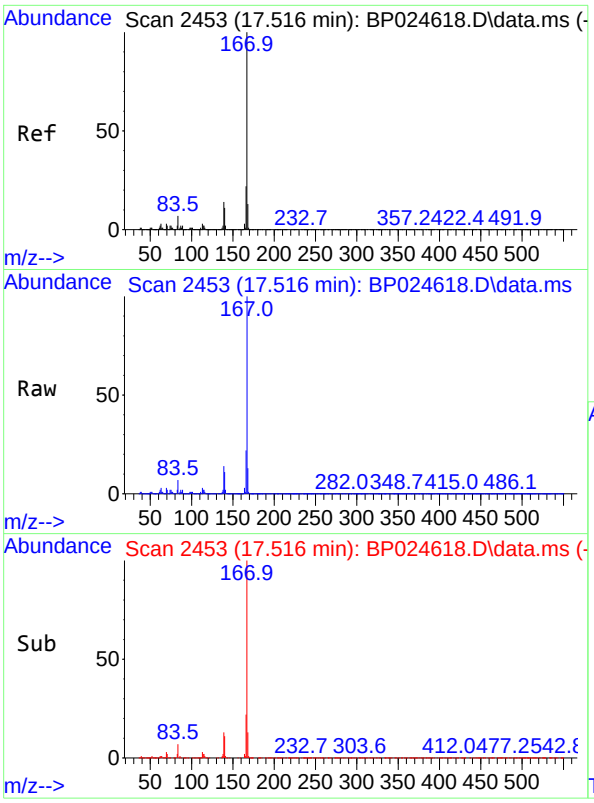


#72
Anthracene
Concen: 38.44 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



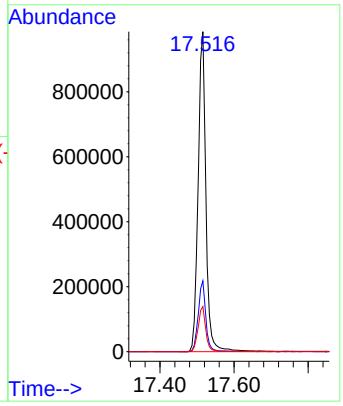


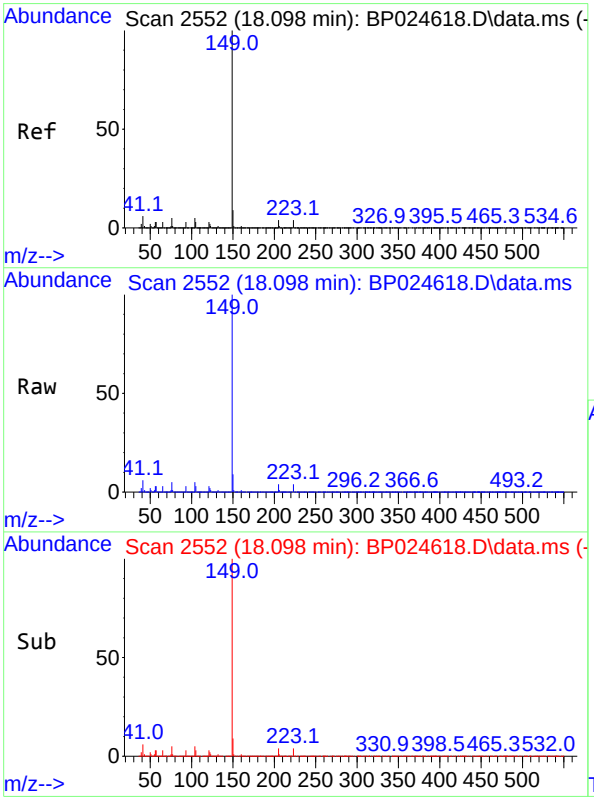
#73
Carbazole
Concen: 39.55 ng
RT: 17.516 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

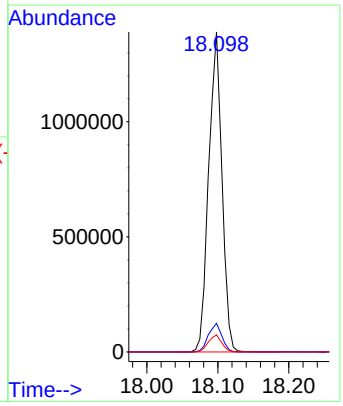


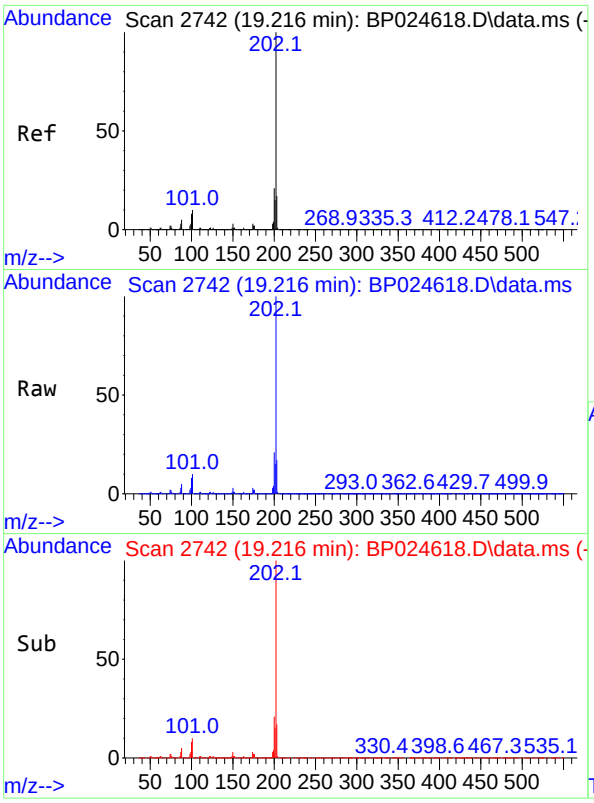


#74
Di-n-butylphthalate
Concen: 38.69 ng
RT: 18.098 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



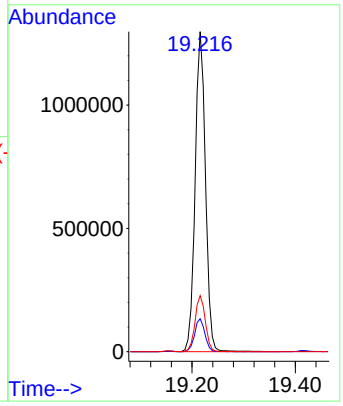


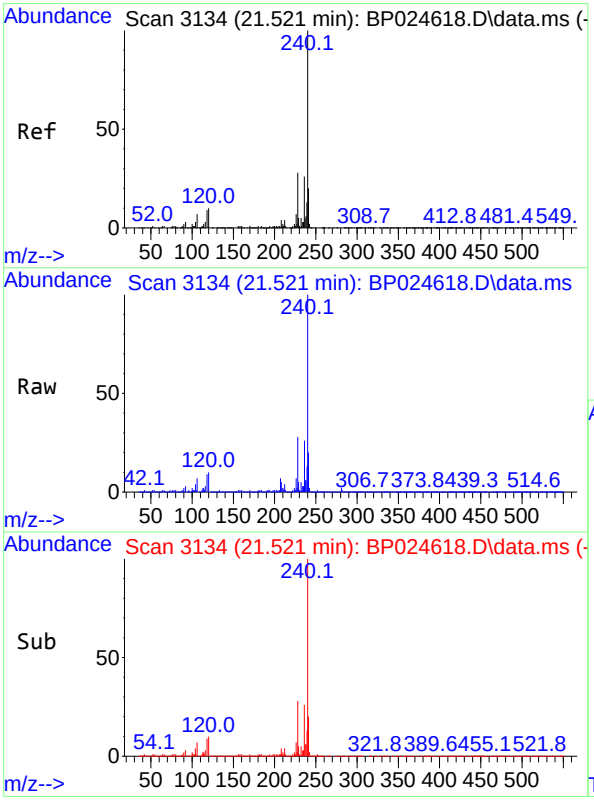
#75
Fluoranthene
Concen: 38.49 ng
RT: 19.216 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

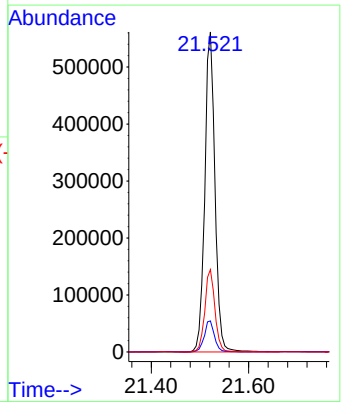


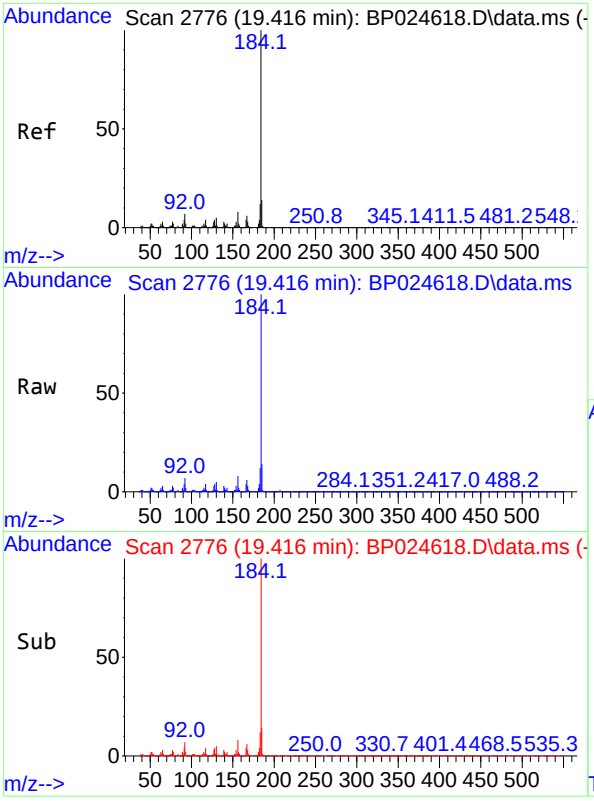


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



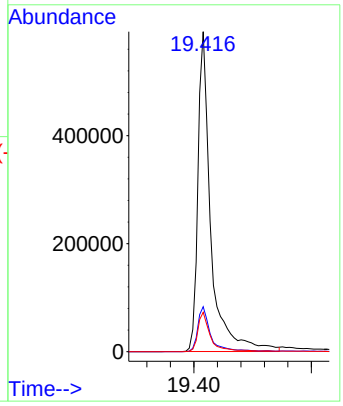


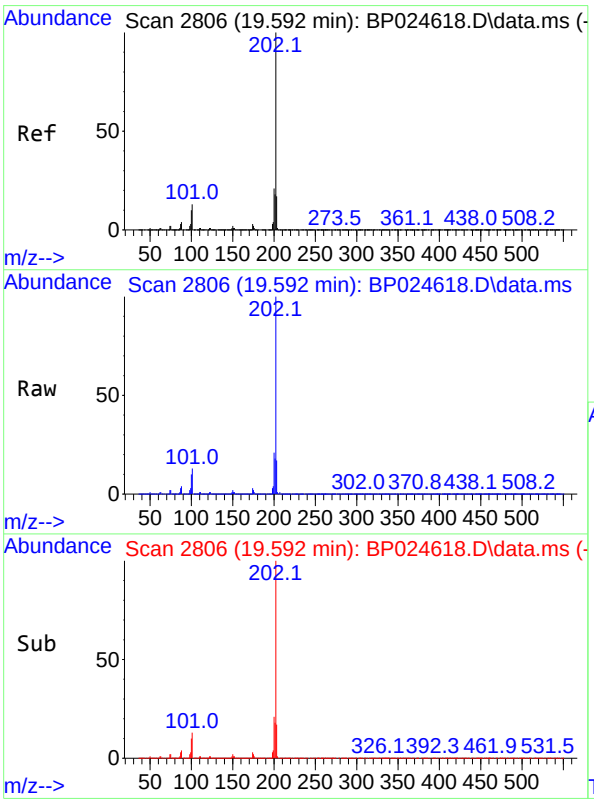
#77
Benzidine
Concen: 40.77 ng
RT: 19.416 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

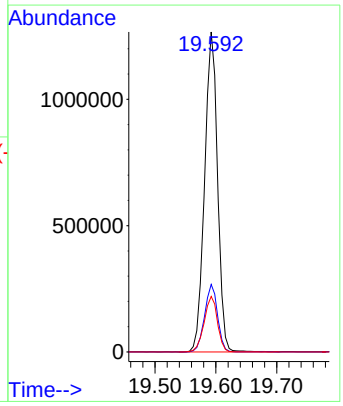


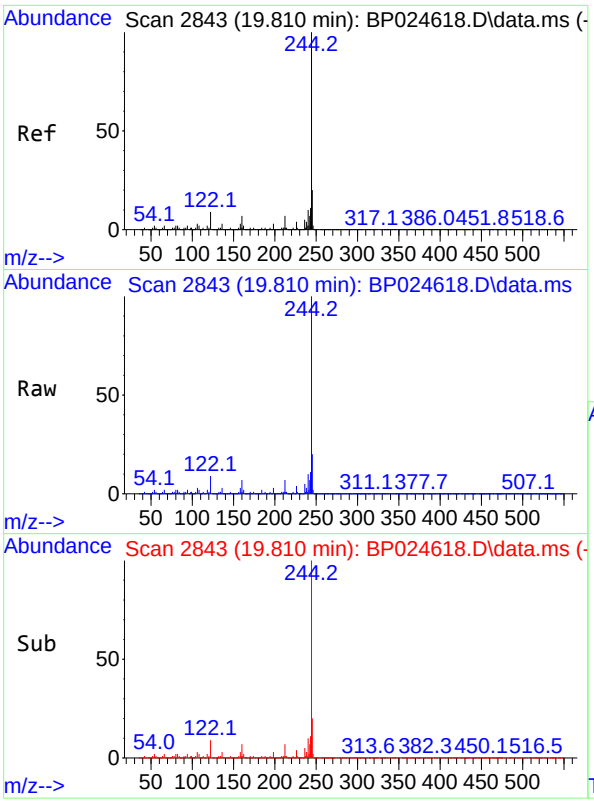


#78
Pyrene
Concen: 38.50 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



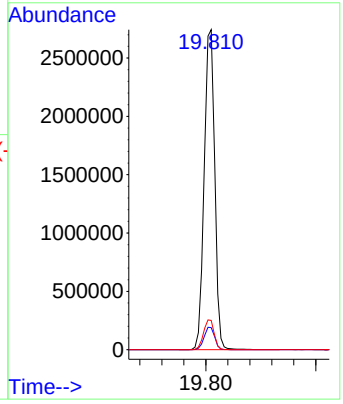


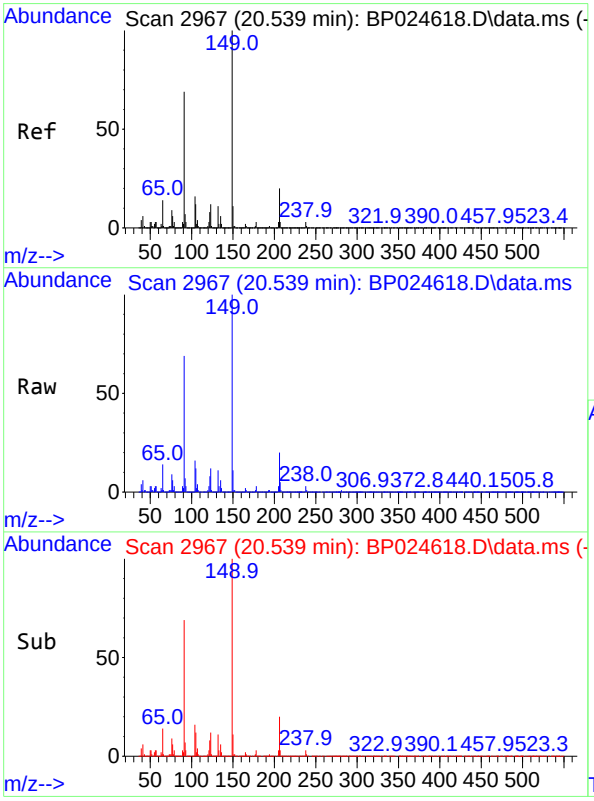
#79
Terphenyl-d14
Concen: 77.18 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

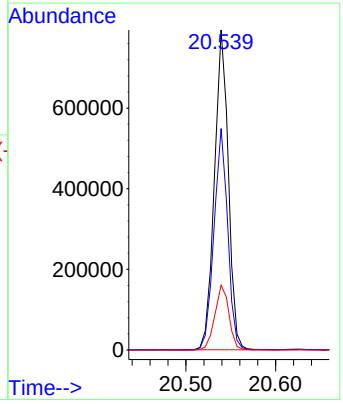


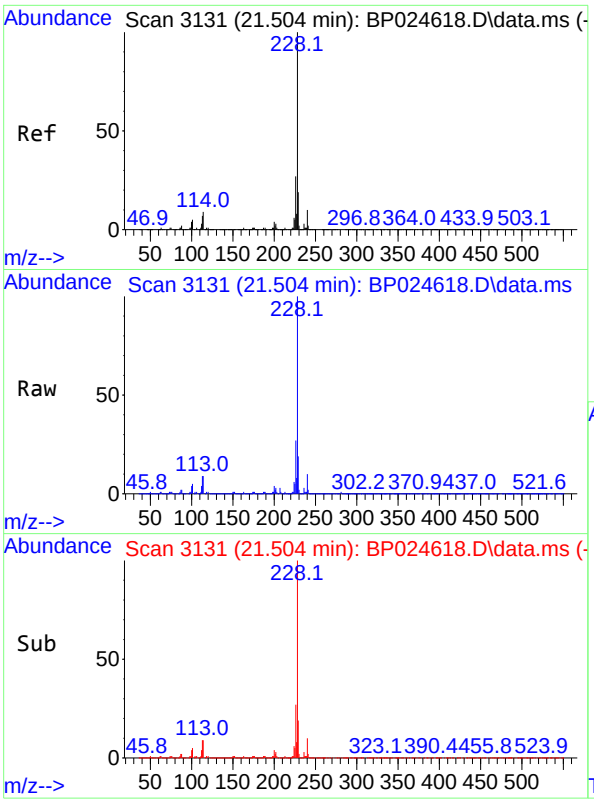


#80
Butylbenzylphthalate
Concen: 39.58 ng
RT: 20.539 min Scan# 2967
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



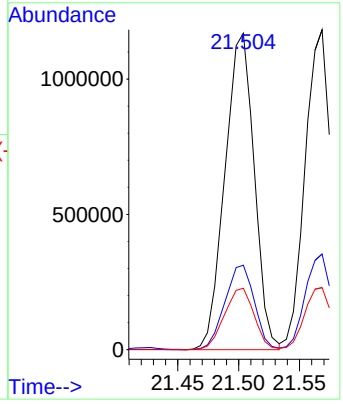


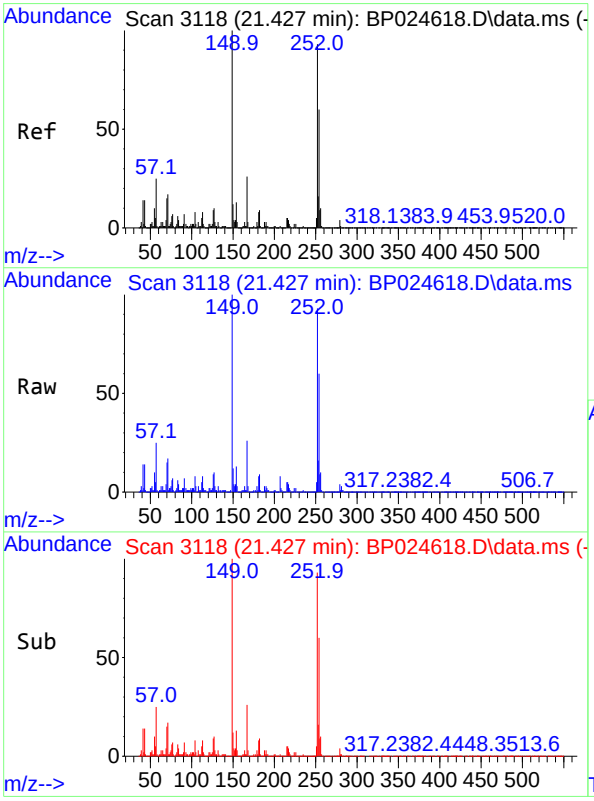
#81
Benzo(a)anthracene
Concen: 38.47 ng
RT: 21.504 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

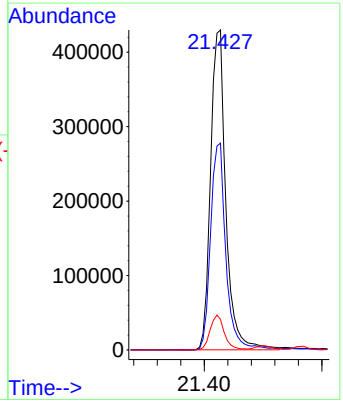


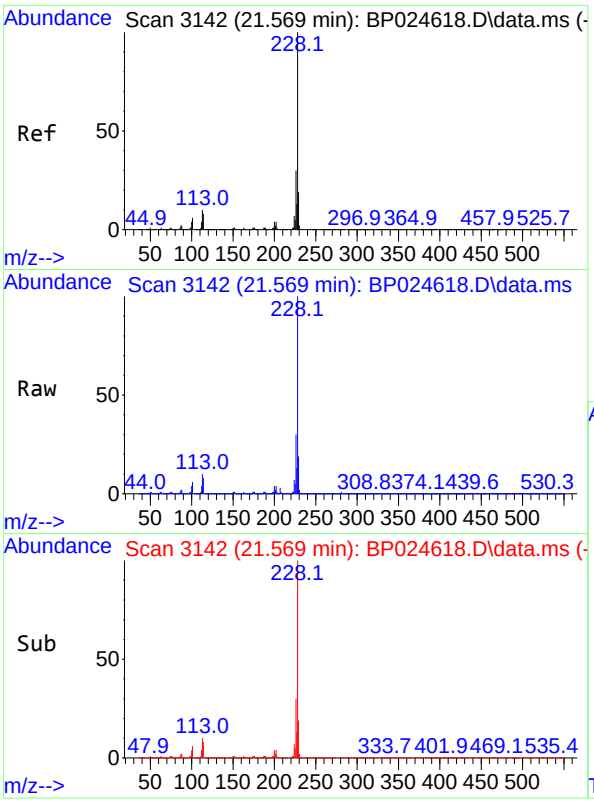


#82
3,3'-Dichlorobenzidine
Concen: 40.94 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



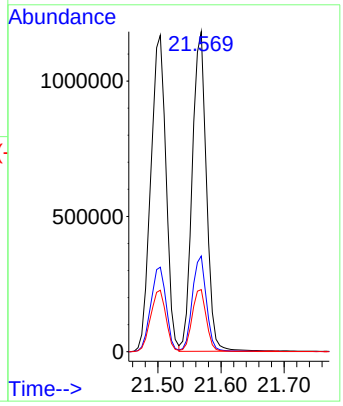


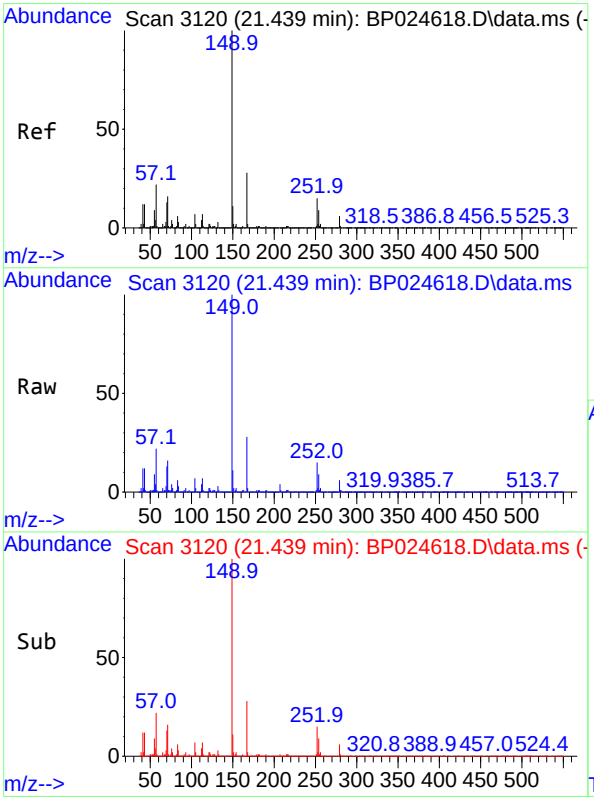
#83
Chrysene
Concen: 38.01 ng
RT: 21.569 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

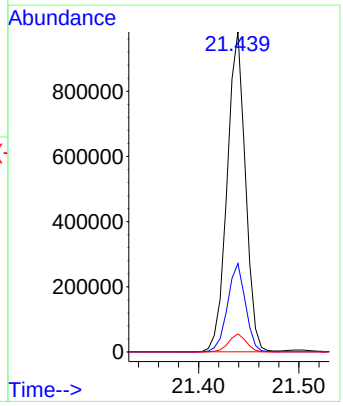


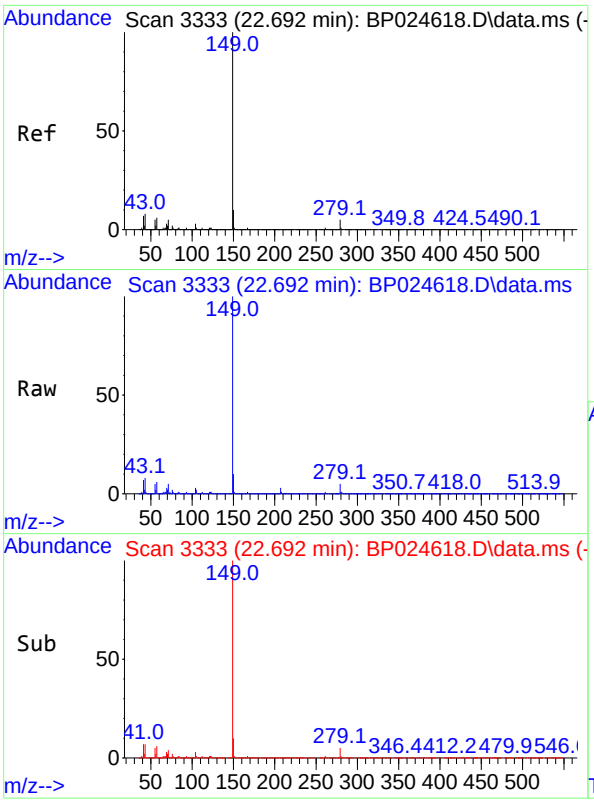


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.09 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



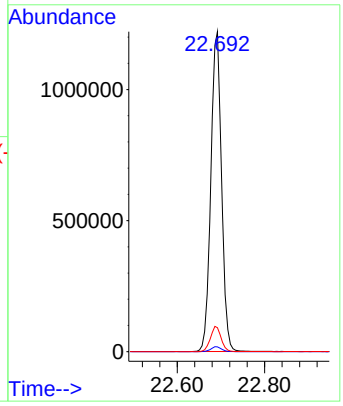


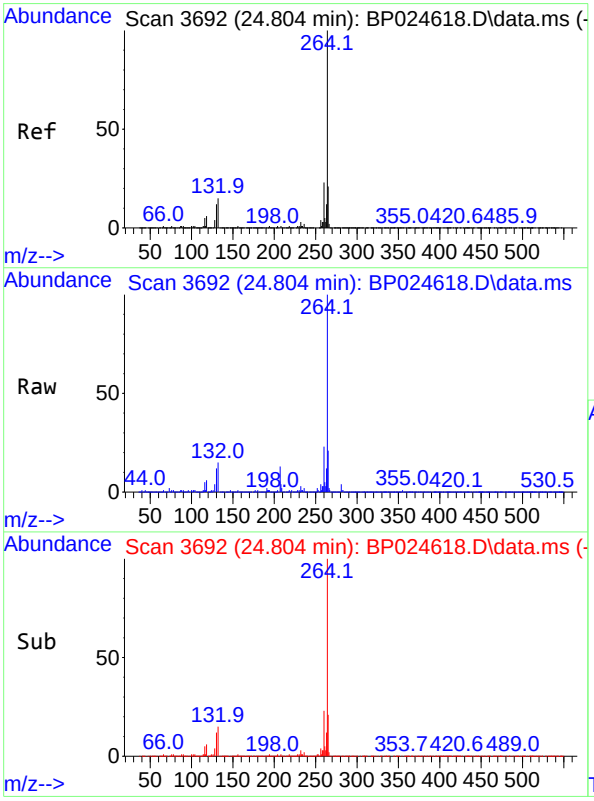
#85
Di-n-octyl phthalate
Concen: 39.97 ng
RT: 22.692 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

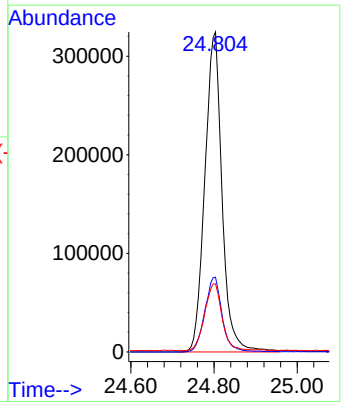


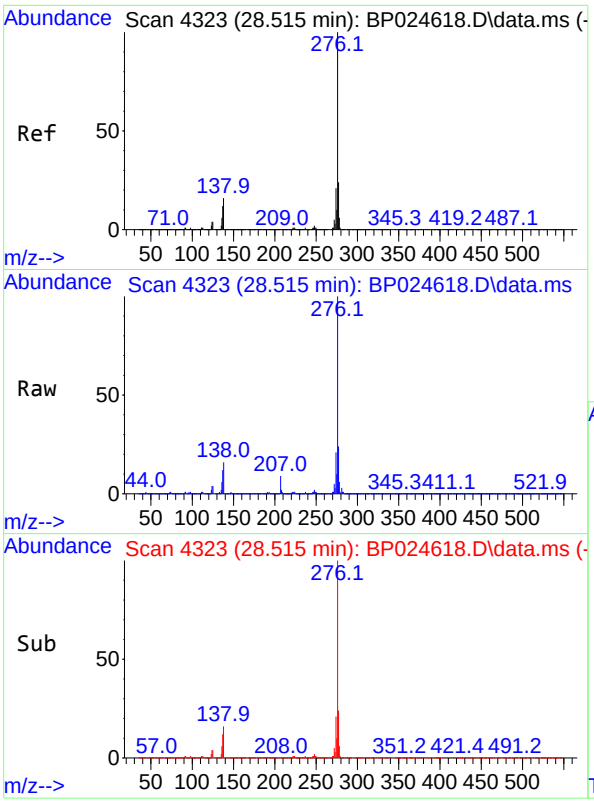


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.804 min Scan# 3692
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



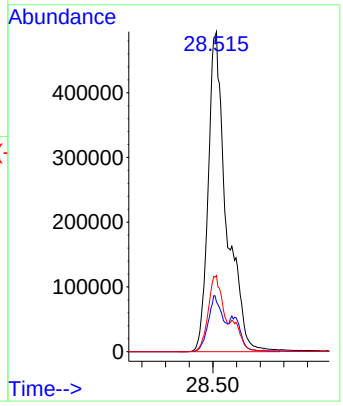


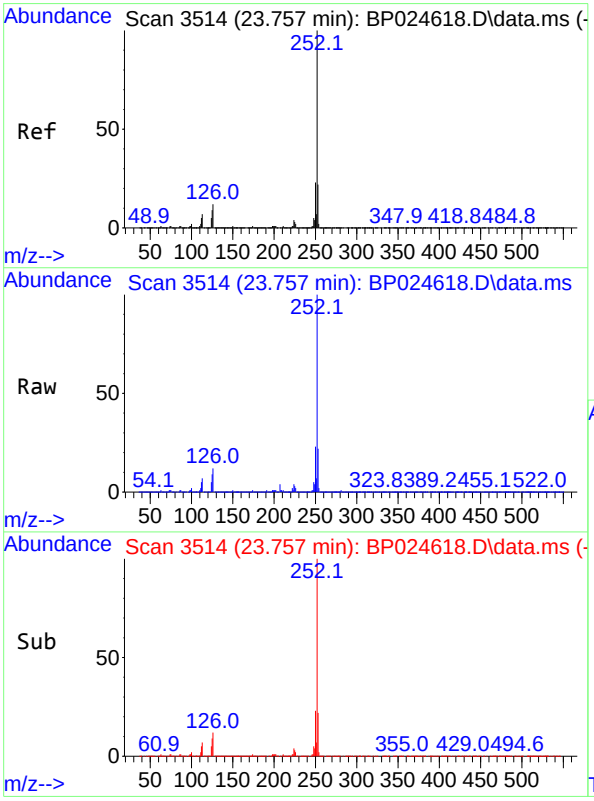
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.00 ng
RT: 28.515 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

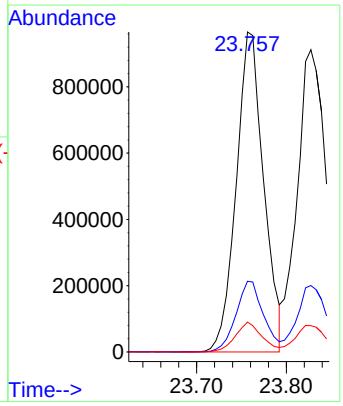


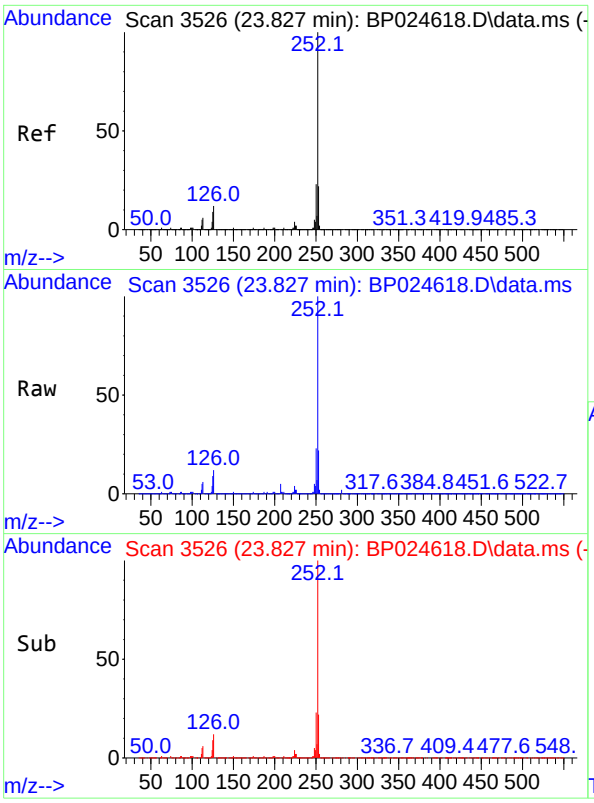


#88
Benzo(b)fluoranthene
Concen: 38.53 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



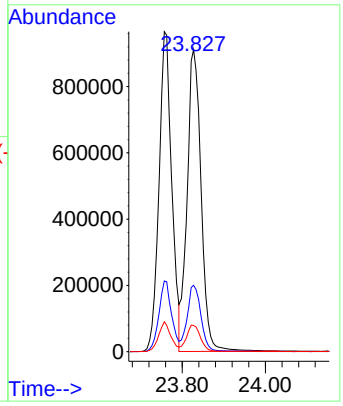


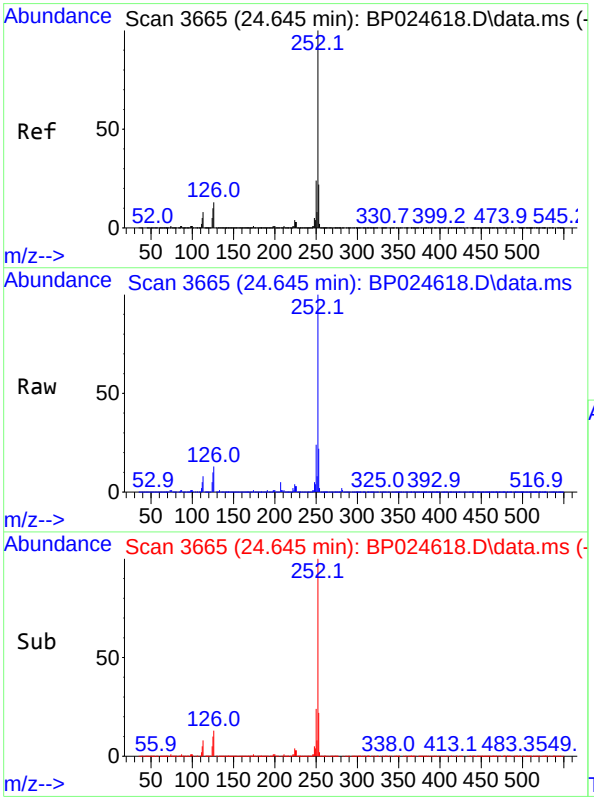
#89
Benzo(k)fluoranthene
Concen: 38.67 ng
RT: 23.827 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

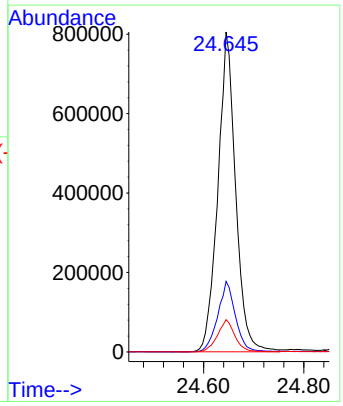


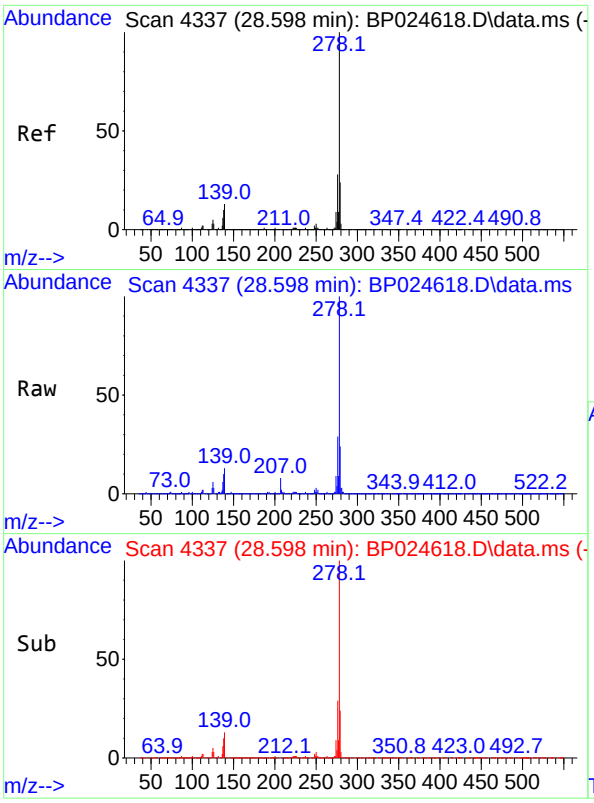


#90
Benzo(a)pyrene
Concen: 38.71 ng
RT: 24.645 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



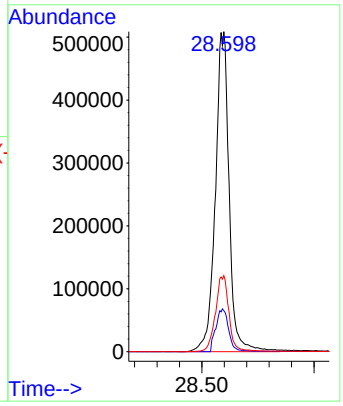


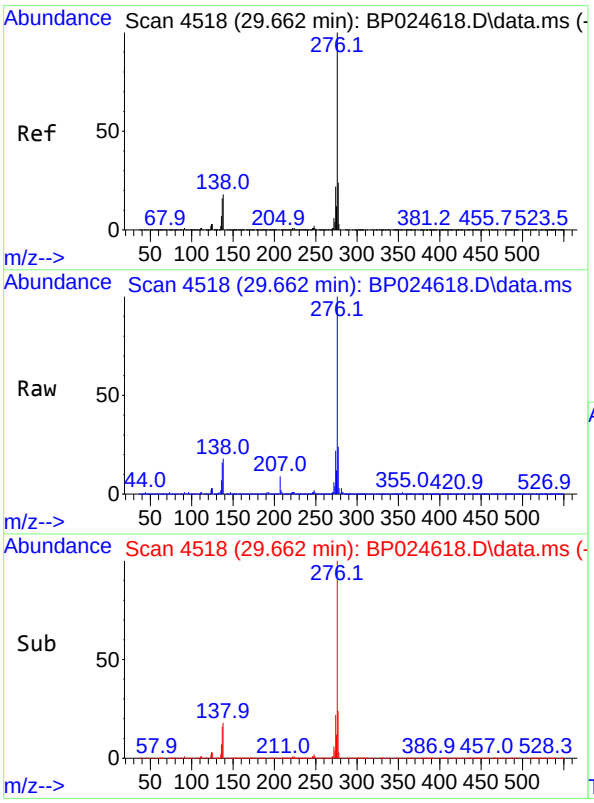
#91
Dibenzo(a,h)anthracene
Concen: 39.30 ng
RT: 28.598 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

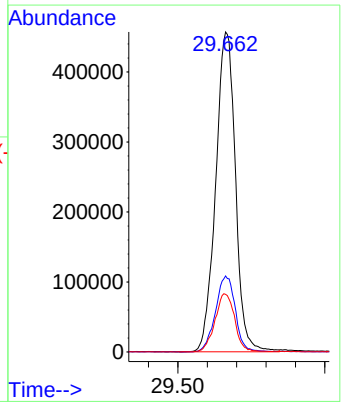




#92
Benzo(g,h,i)perylene
Concen: 38.84 ng
RT: 29.662 min Scan# 4518
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

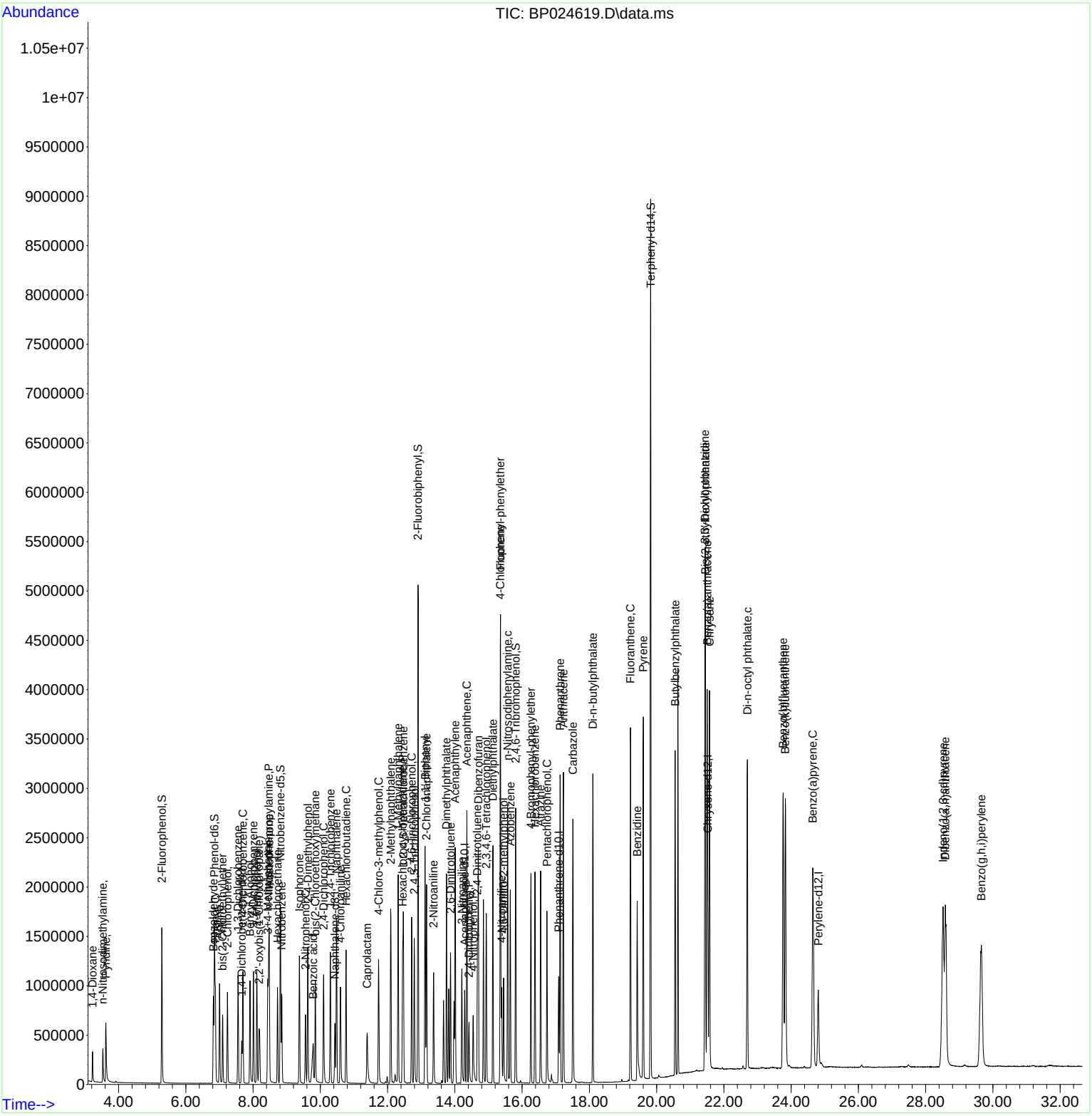
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	375330	56.24	ng	98
46) 1,1'-Biphenyl	13.116	154	1263640	53.64	ng	100
47) 2-Chloronaphthalene	13.157	162	952857	53.04	ng	99
48) 2-Nitroaniline	13.369	65	303475	57.06	ng	99
49) Acenaphthylene	14.010	152	1616938	53.79	ng	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

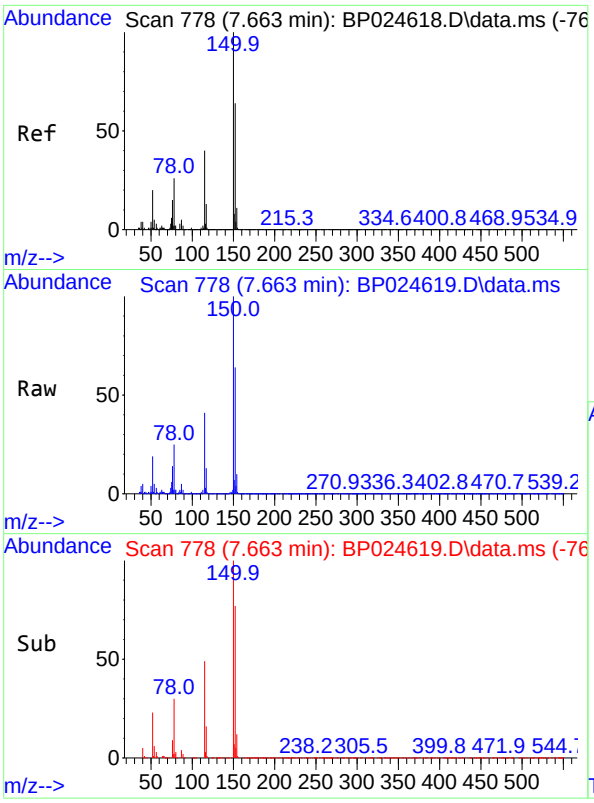
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



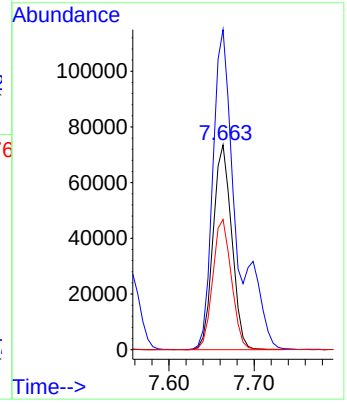


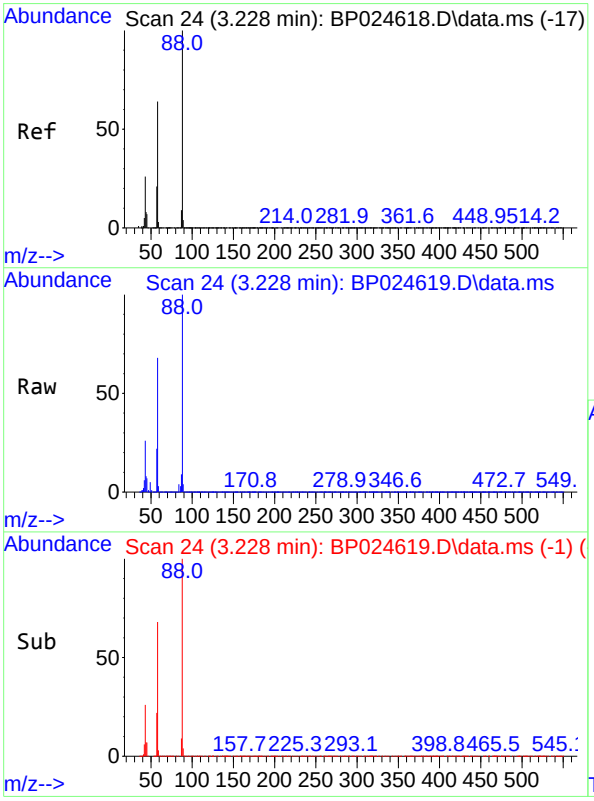
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

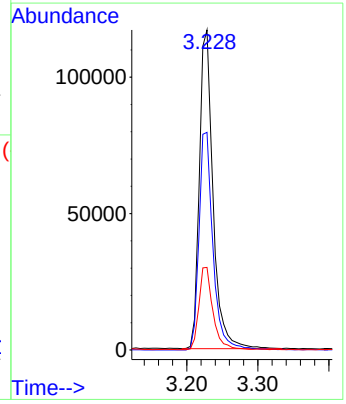


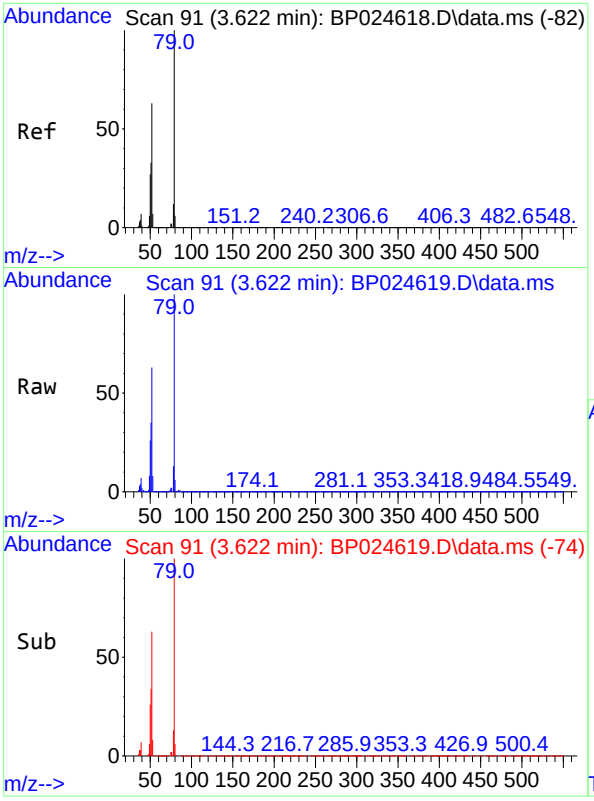


#2
1,4-Dioxane
Concen: 51.20 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



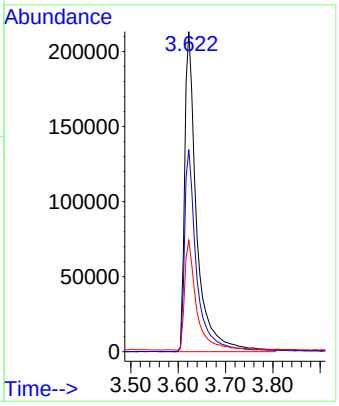


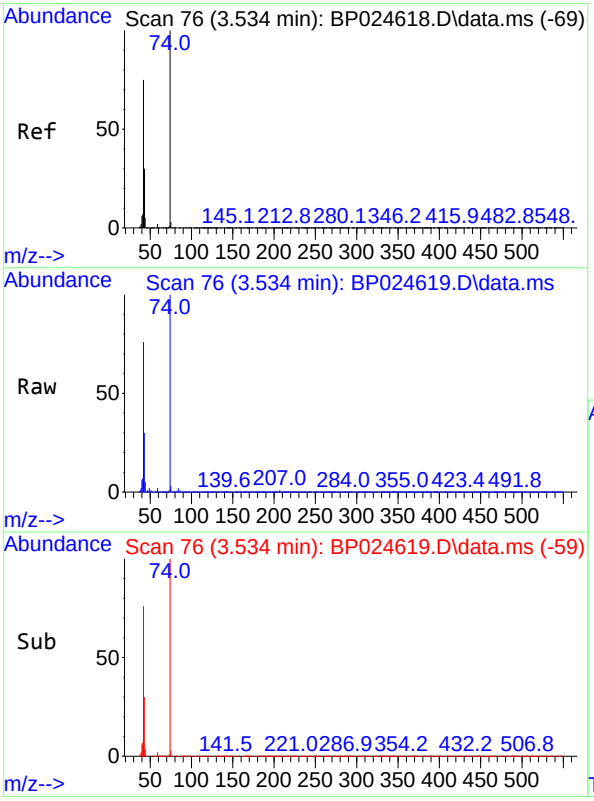
#3
Pyridine
Concen: 55.97 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

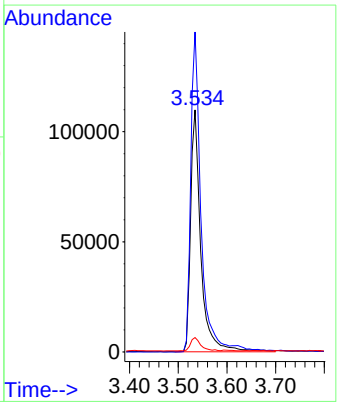


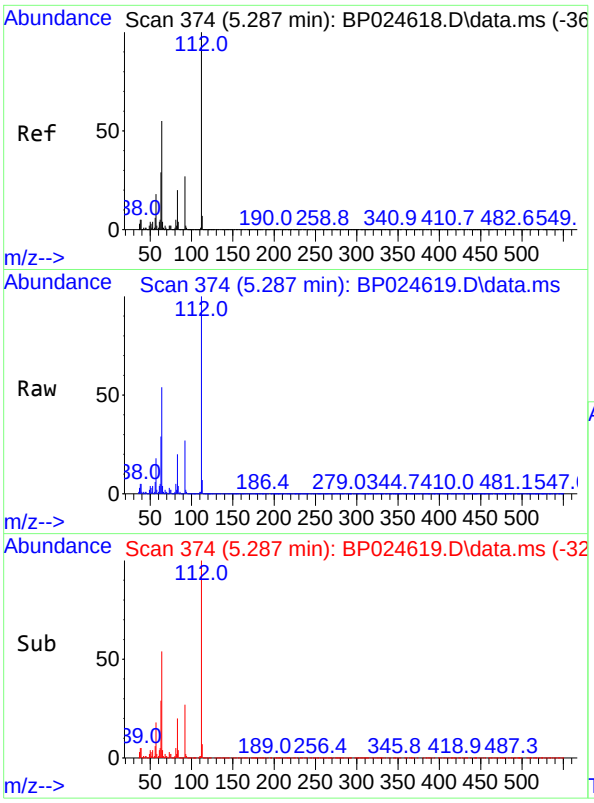


#4
n-Nitrosodimethylamine
Concen: 54.00 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



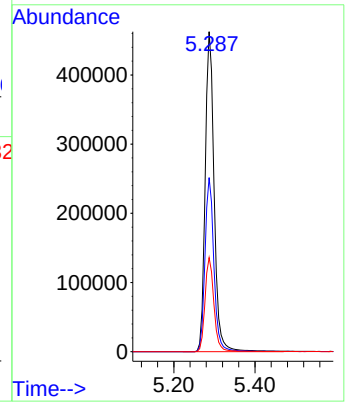


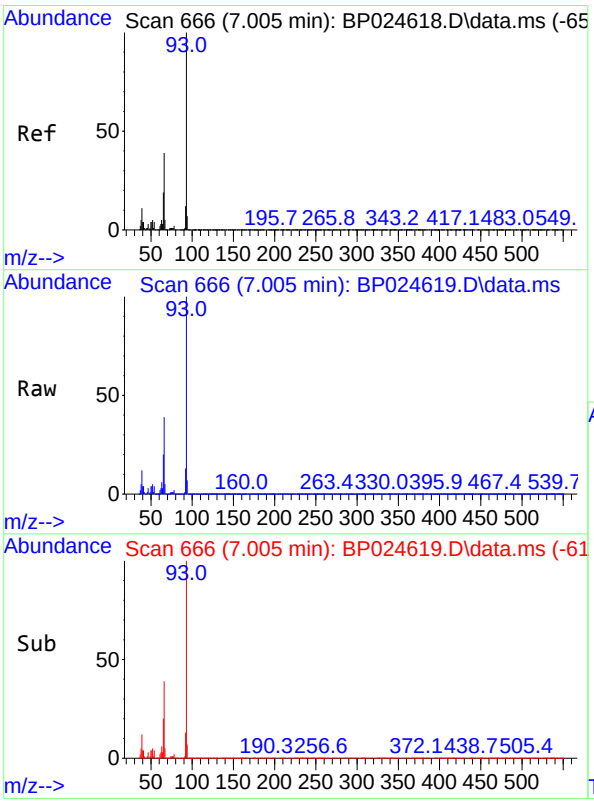
#5
2-Fluorophenol
Concen: 108.80 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

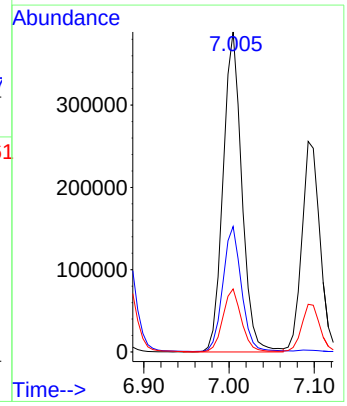


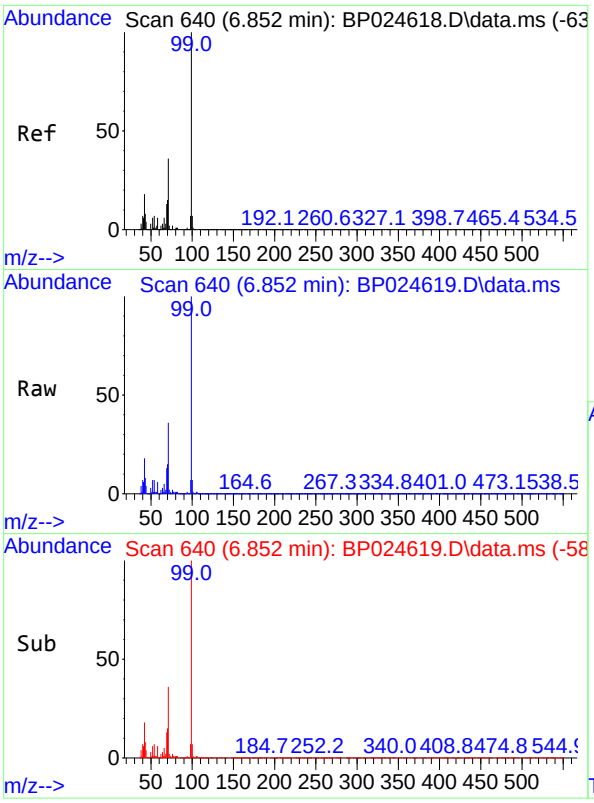


#6
Aniline
Concen: 55.27 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



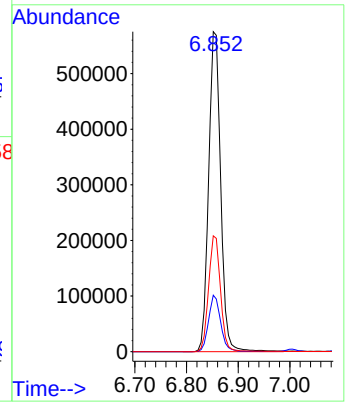


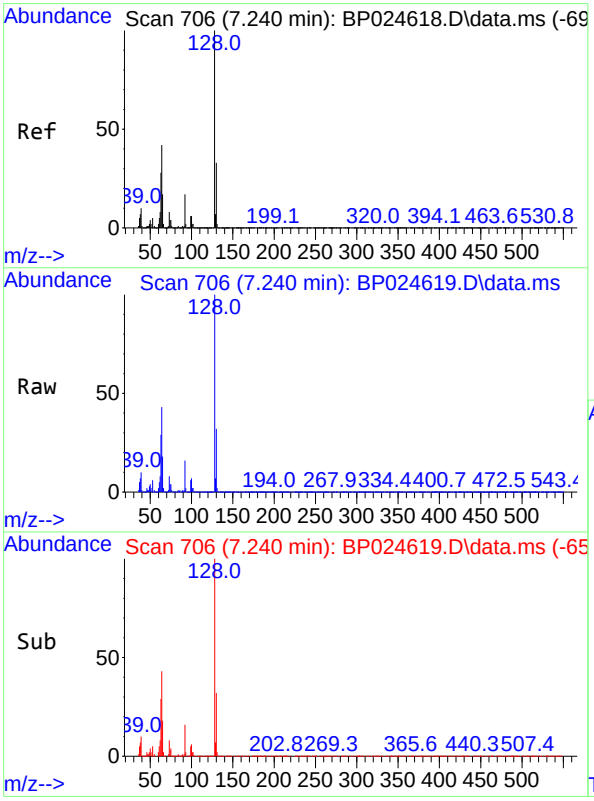
#7
Phenol-d6
Concen: 111.94 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

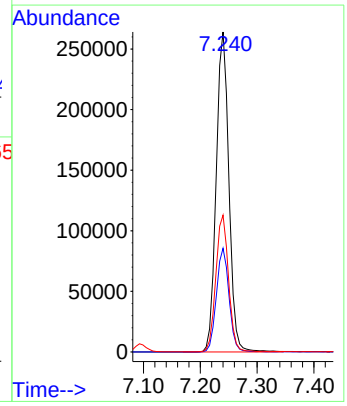


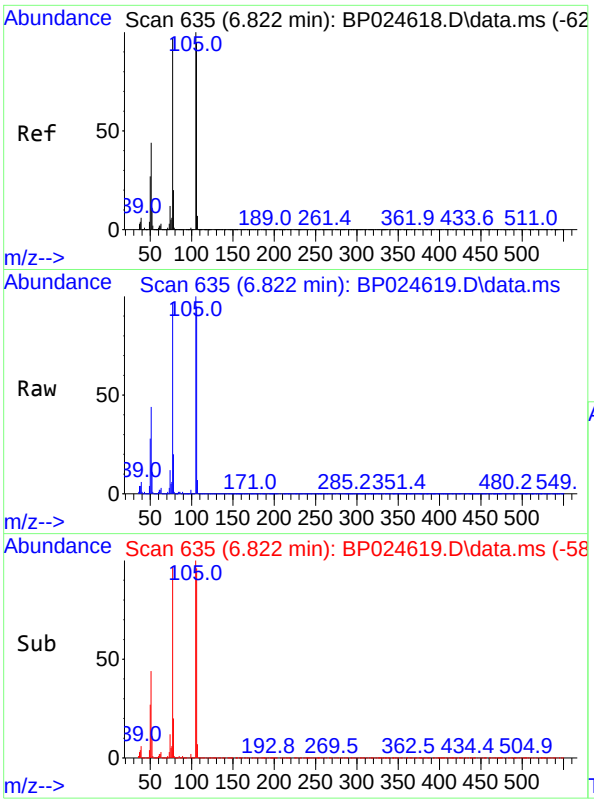


#8
2-Chlorophenol
Concen: 55.19 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



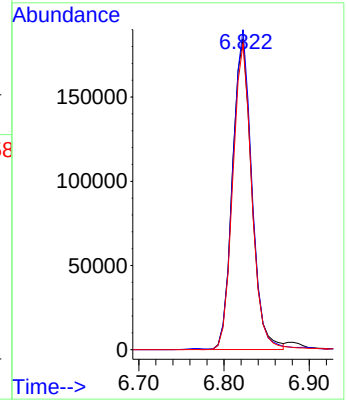


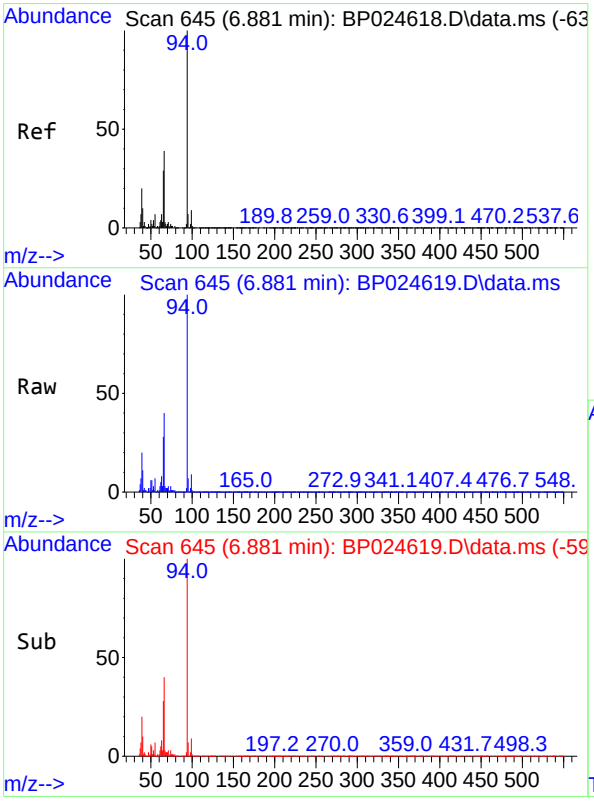
#9
Benzaldehyde
Concen: 54.06 ng
RT: 6.822 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

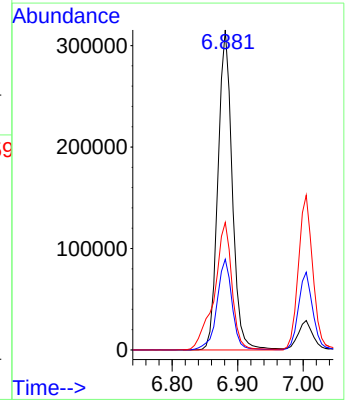


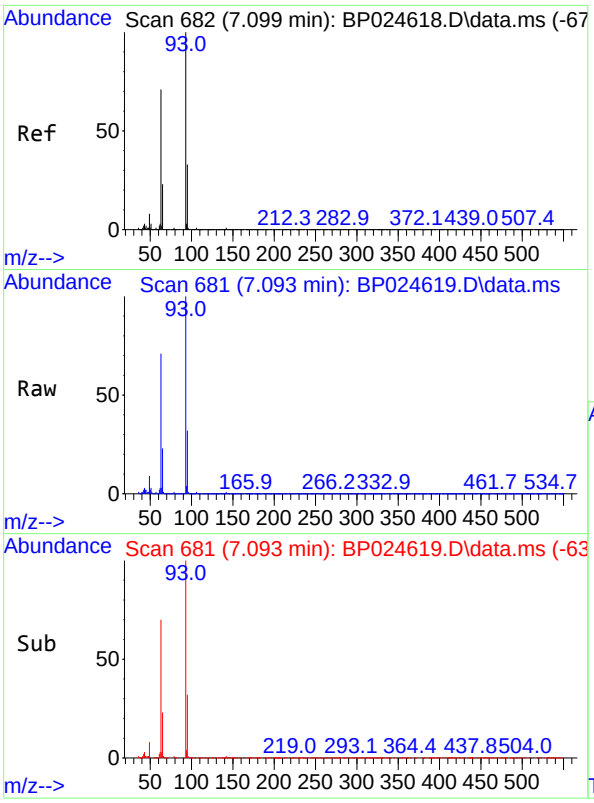


#10
Phenol
Concen: 55.41 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



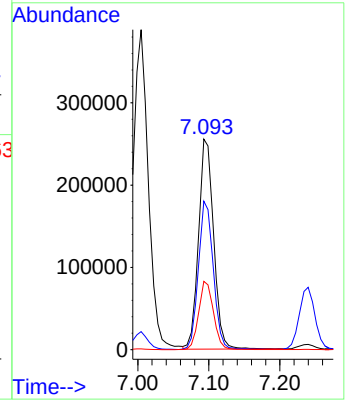


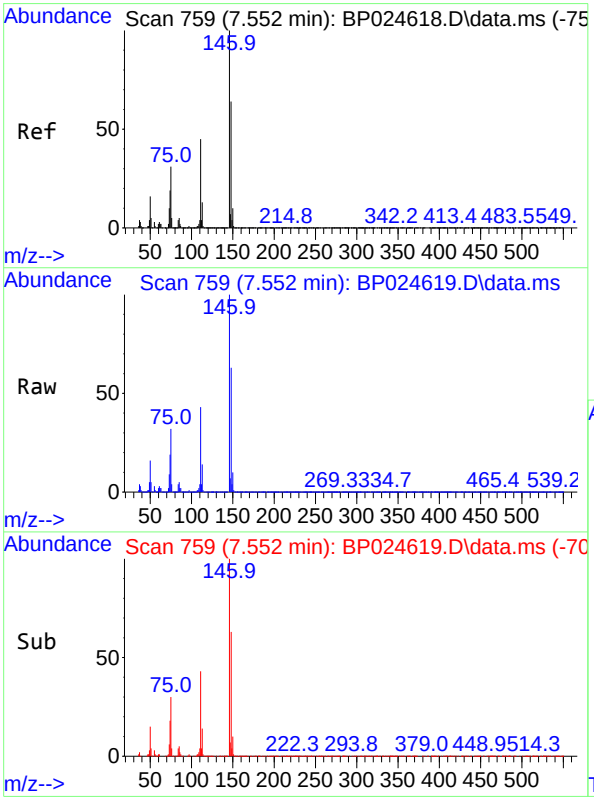
#11
bis(2-Chloroethyl)ether
Concen: 53.59 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

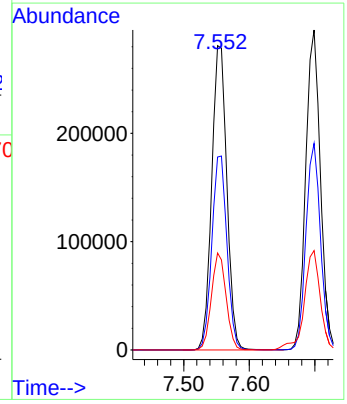


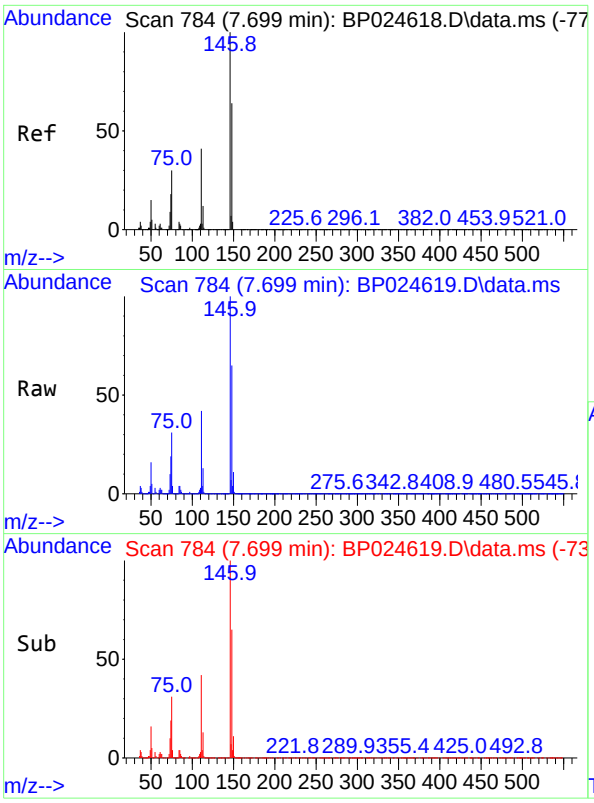


#12
1,3-Dichlorobenzene
Concen: 53.11 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



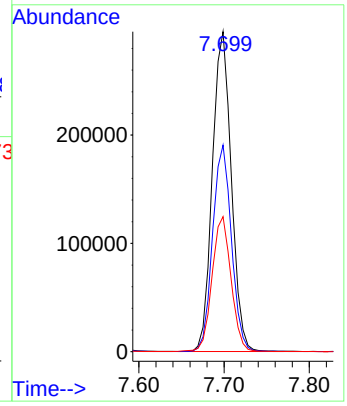


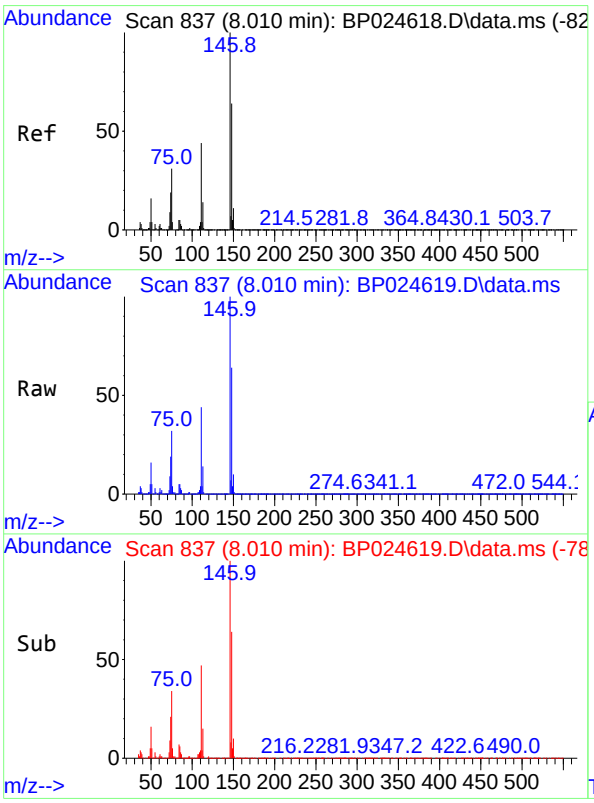
#13
1,4-Dichlorobenzene
Concen: 53.28 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

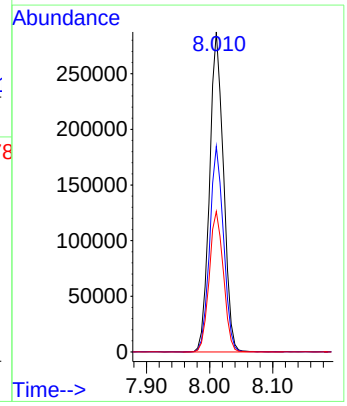


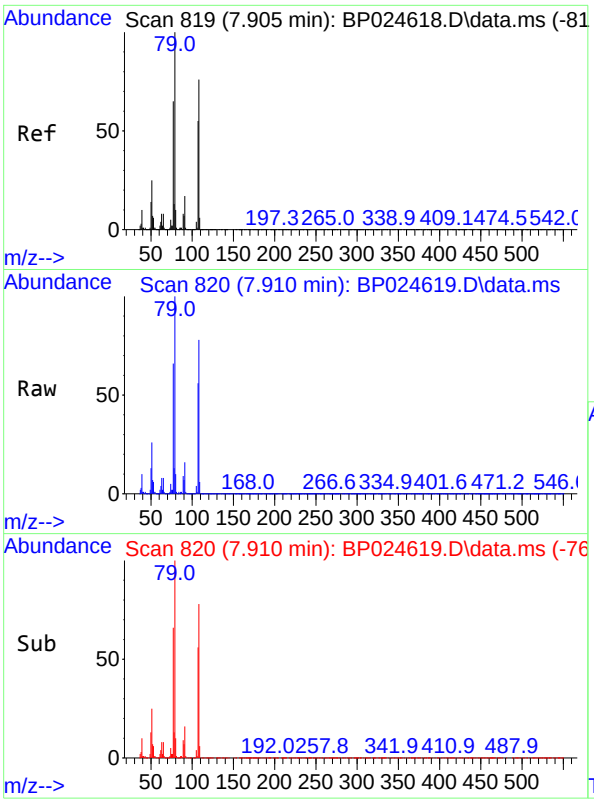


#14
1,2-Dichlorobenzene
Concen: 52.74 ng
RT: 8.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



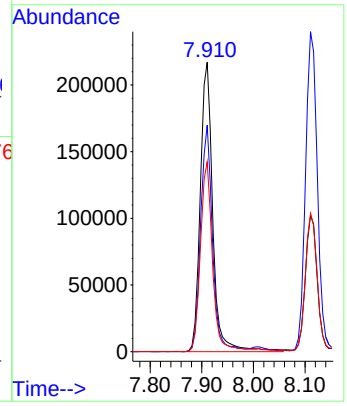


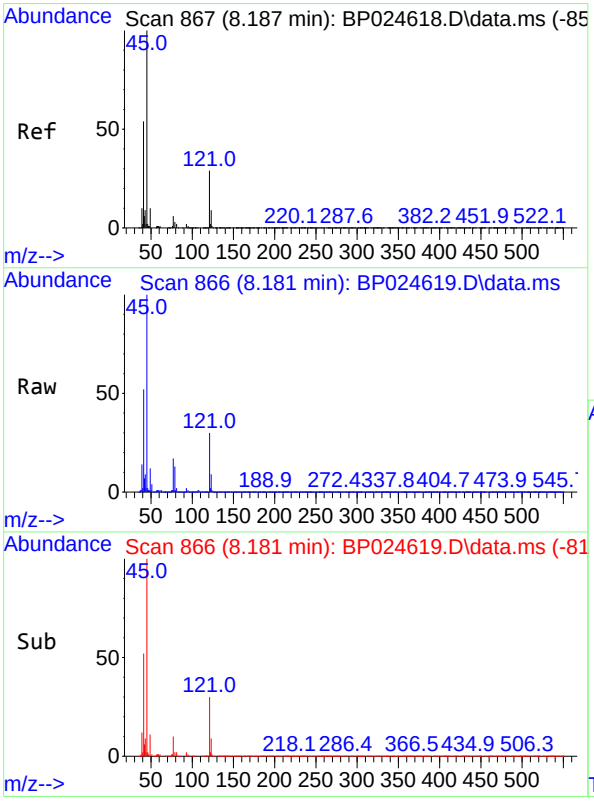
#15
Benzyl Alcohol
Concen: 57.58 ng
RT: 7.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

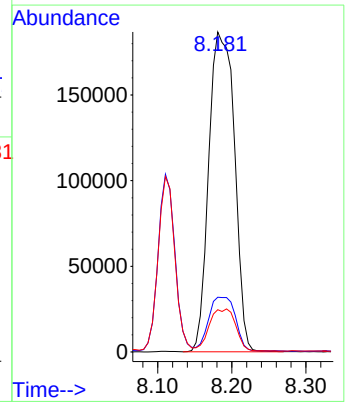


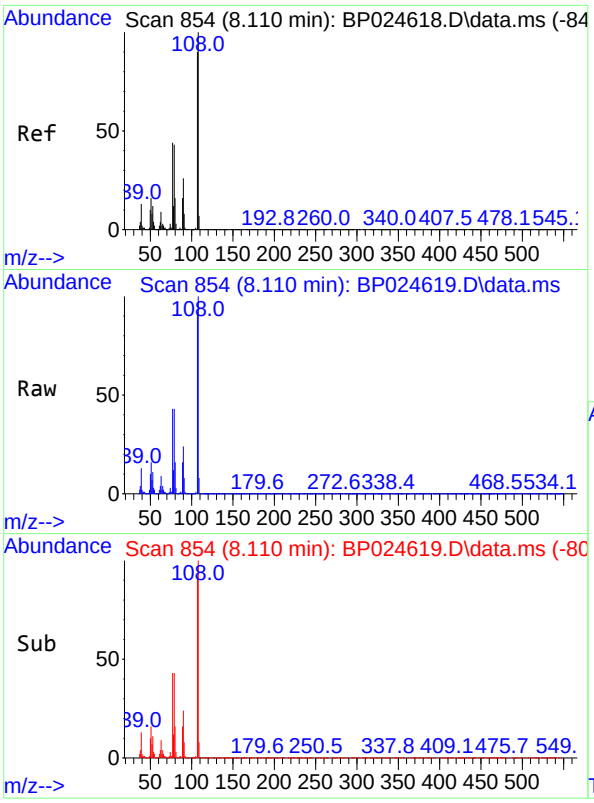


#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.33 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



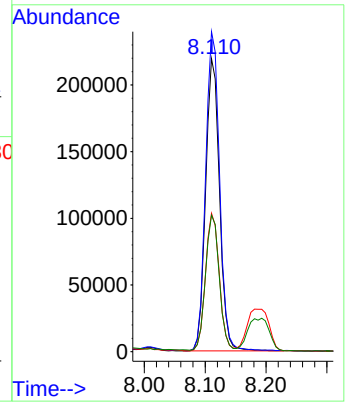


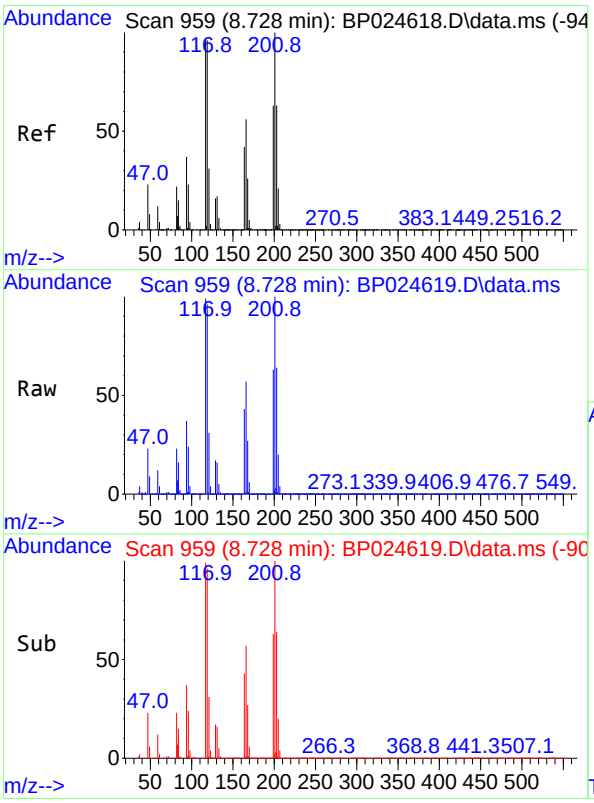
#17
2-Methylphenol
Concen: 56.40 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

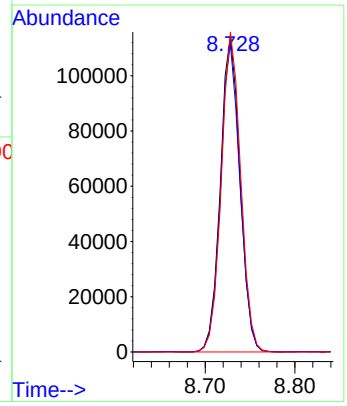


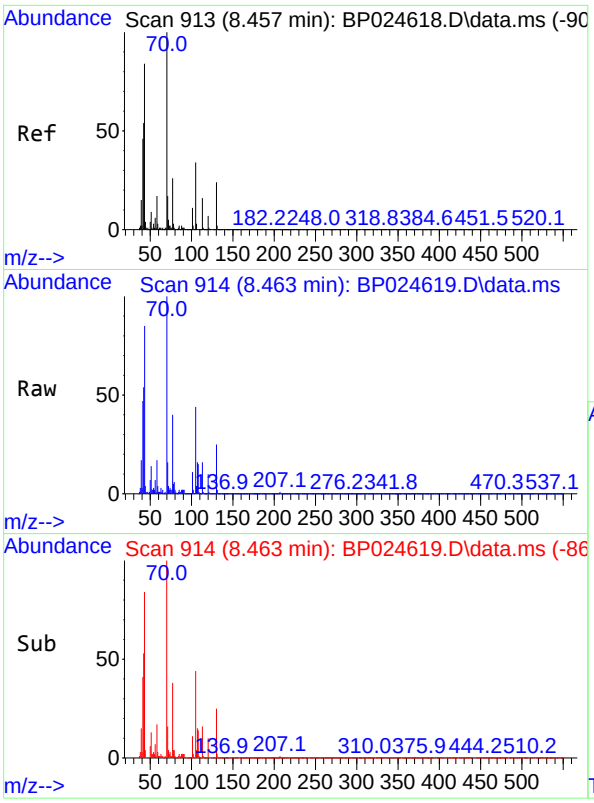


#18
Hexachloroethane
Concen: 52.95 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



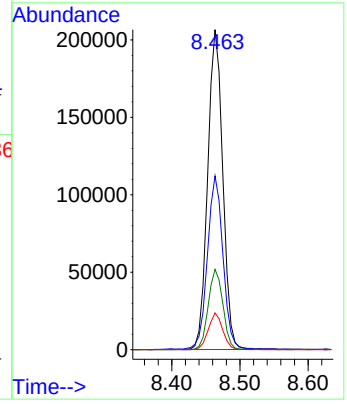


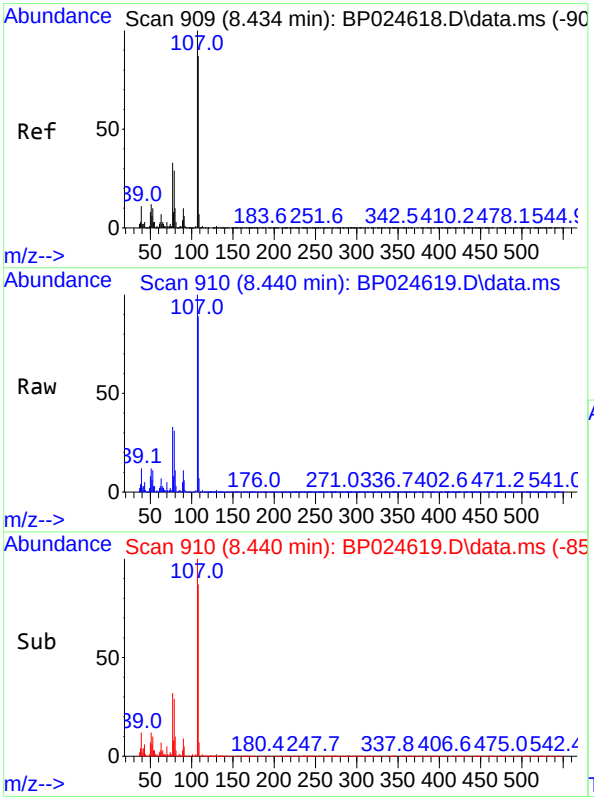
#19
n-Nitroso-di-n-propylamine
Concen: 55.32 ng
RT: 8.463 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

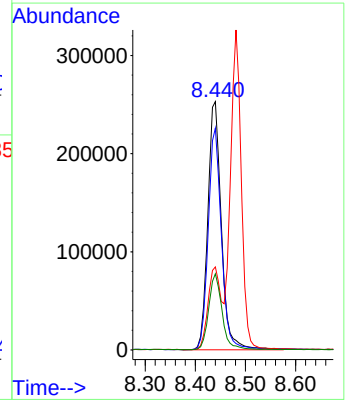


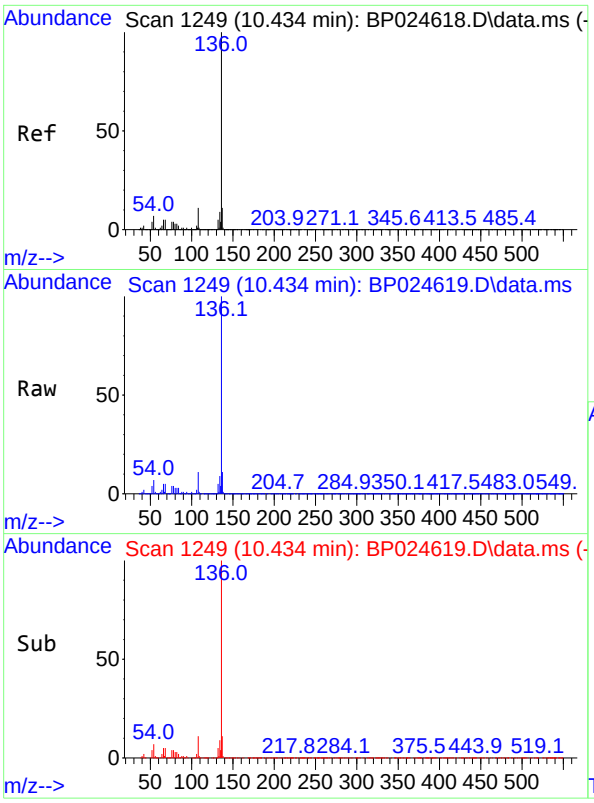


#20
3+4-Methylphenols
Concen: 56.64 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



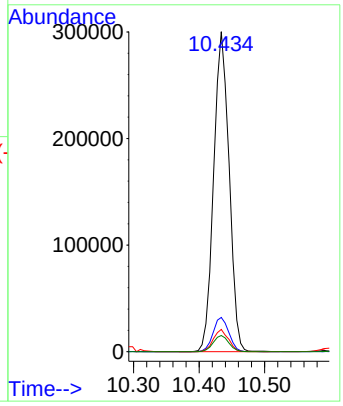


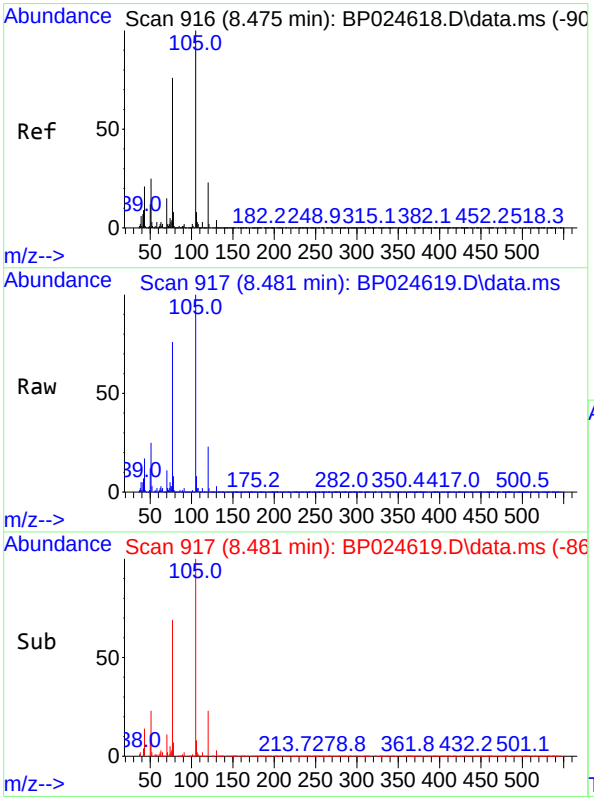
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

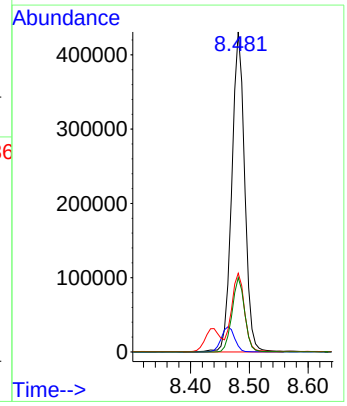


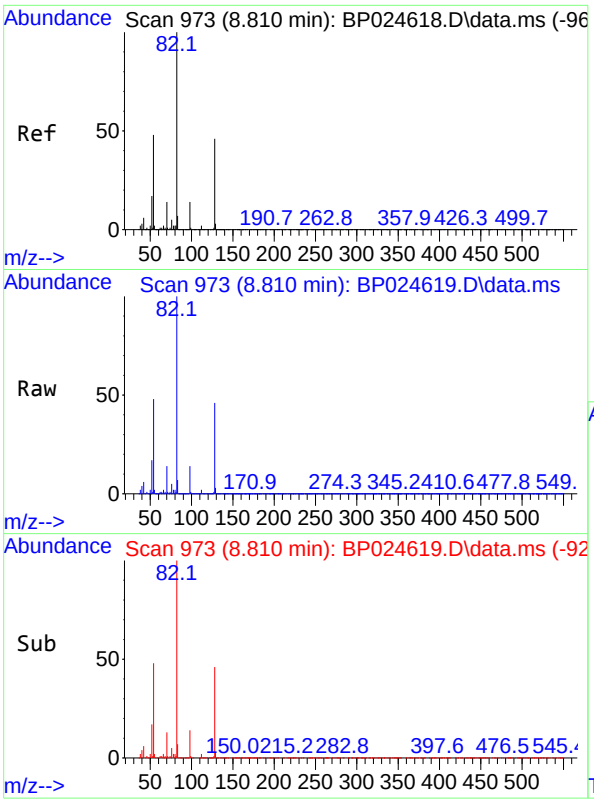


#22
Acetophenone
Concen: 53.44 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



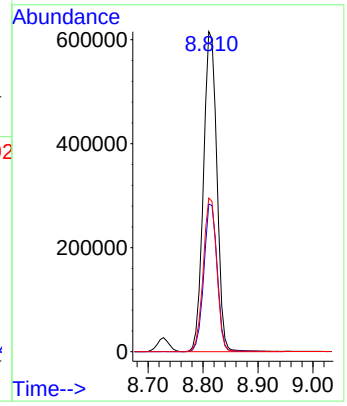


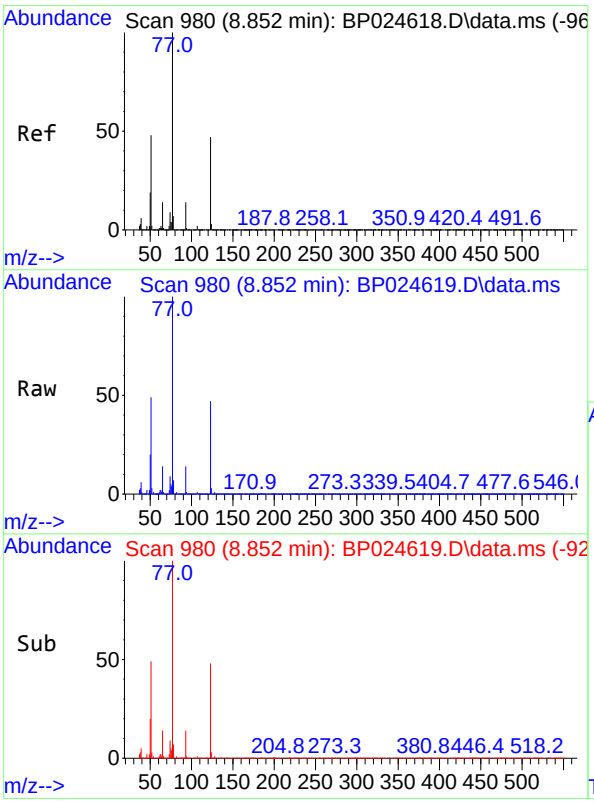
#23
Nitrobenzene-d5
Concen: 108.26 ng
RT: 8.810 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

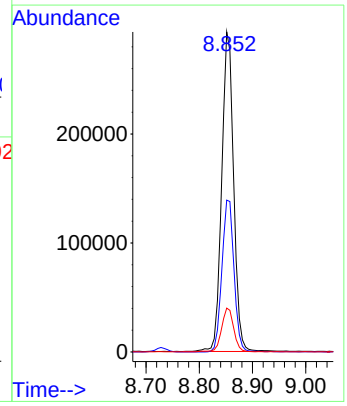


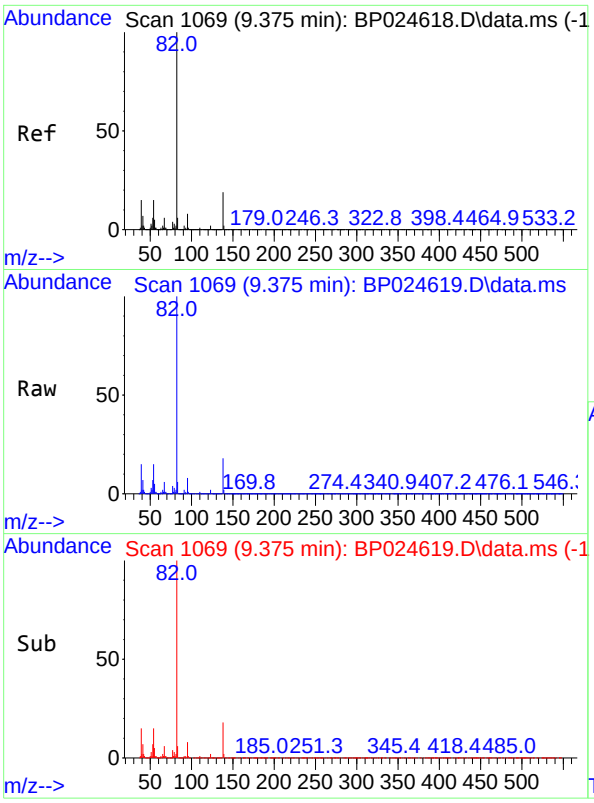


#24
Nitrobenzene
Concen: 53.56 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



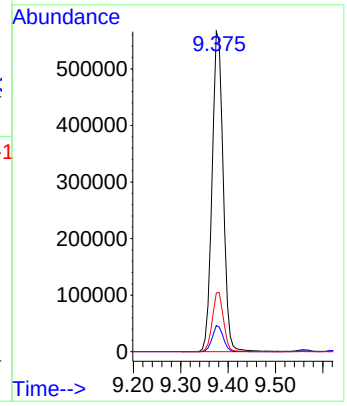


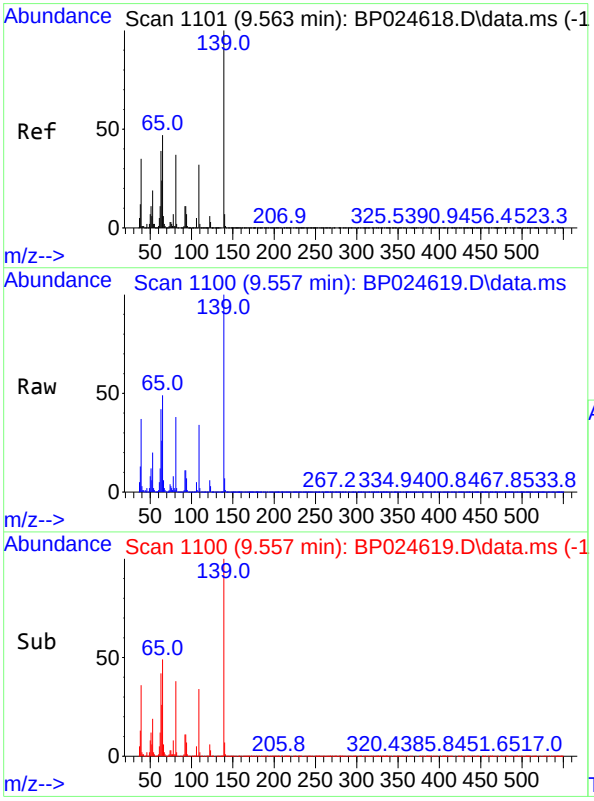
#25
Isophorone
Concen: 54.82 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

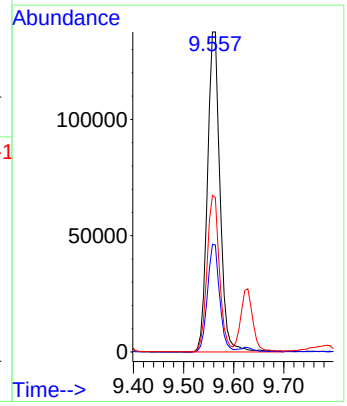


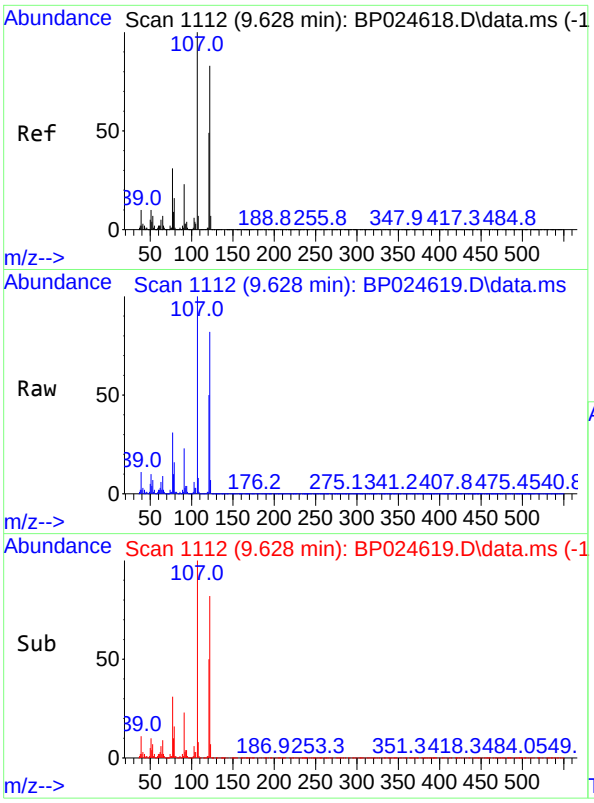


#26
2-Nitrophenol
Concen: 57.38 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



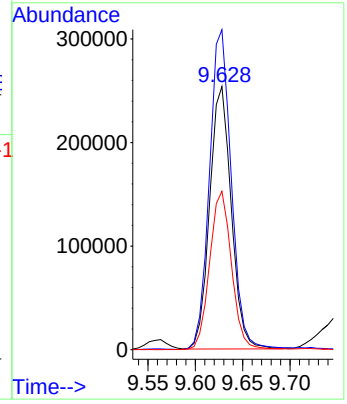


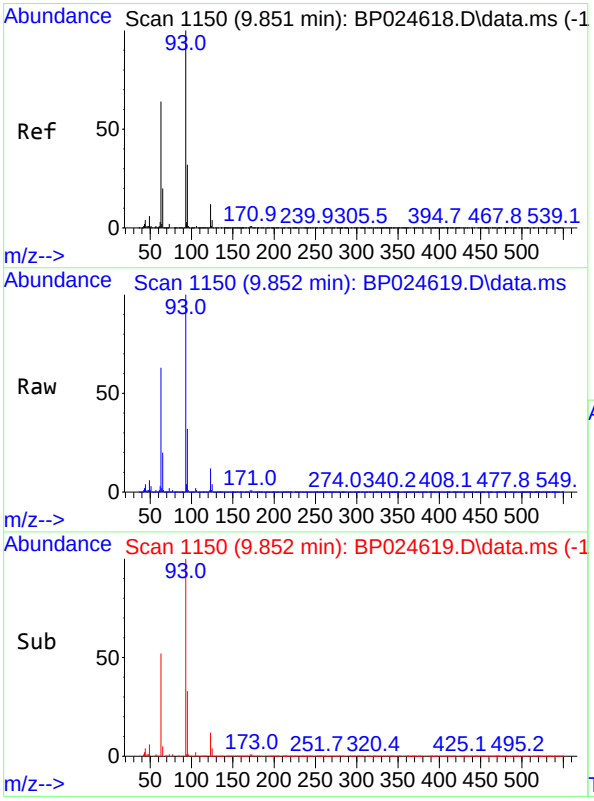
#27
2,4-Dimethylphenol
Concen: 54.62 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

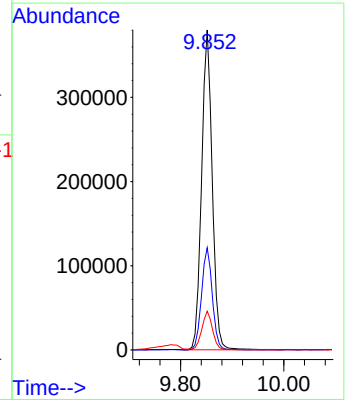


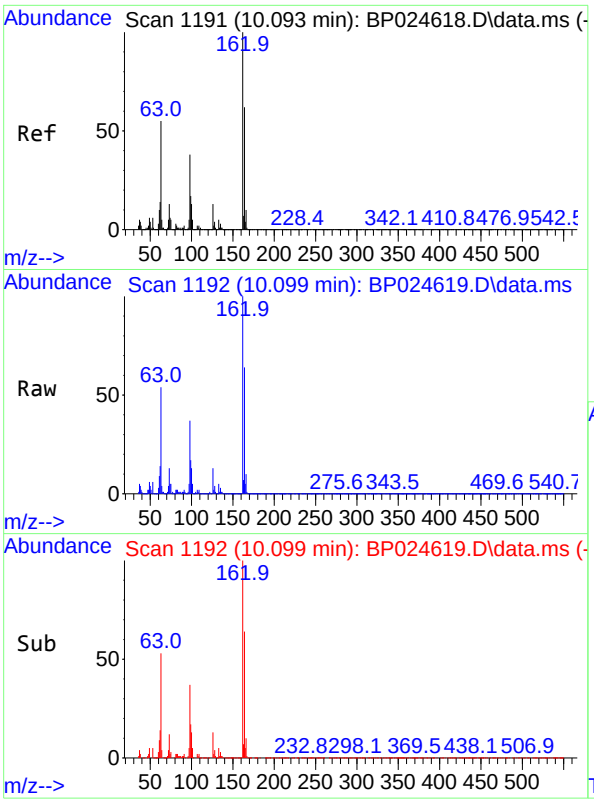


#28
bis(2-Chloroethoxy)methane
Concen: 54.01 ng
RT: 9.852 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



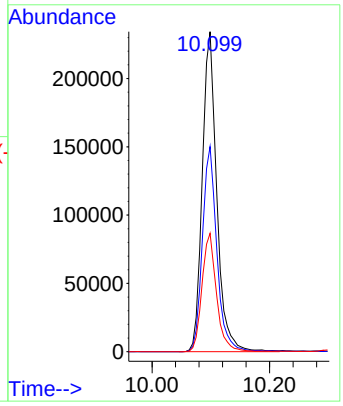


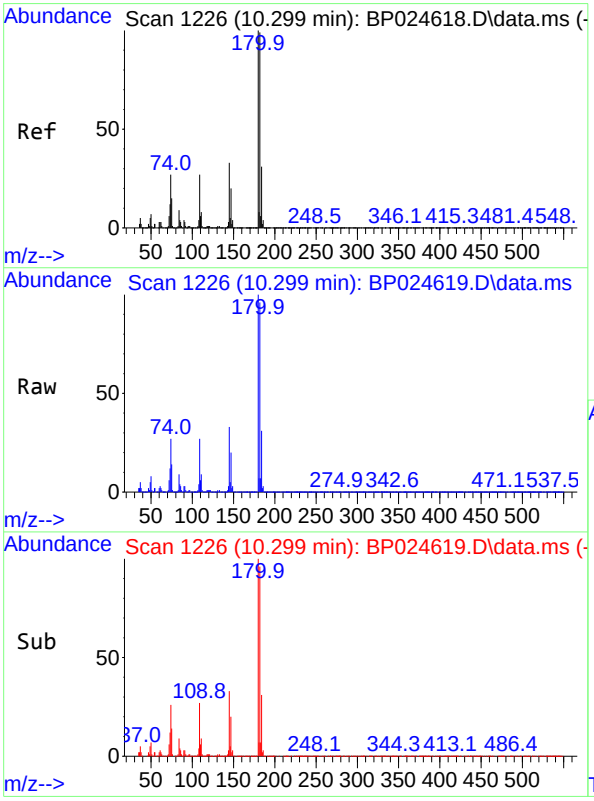
#29
2,4-Dichlorophenol
Concen: 56.14 ng
RT: 10.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

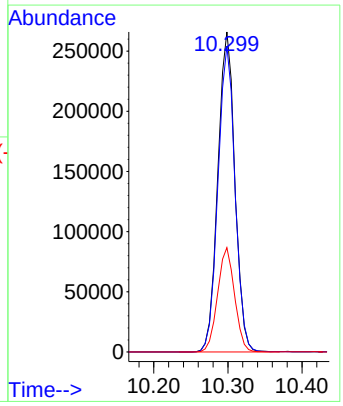


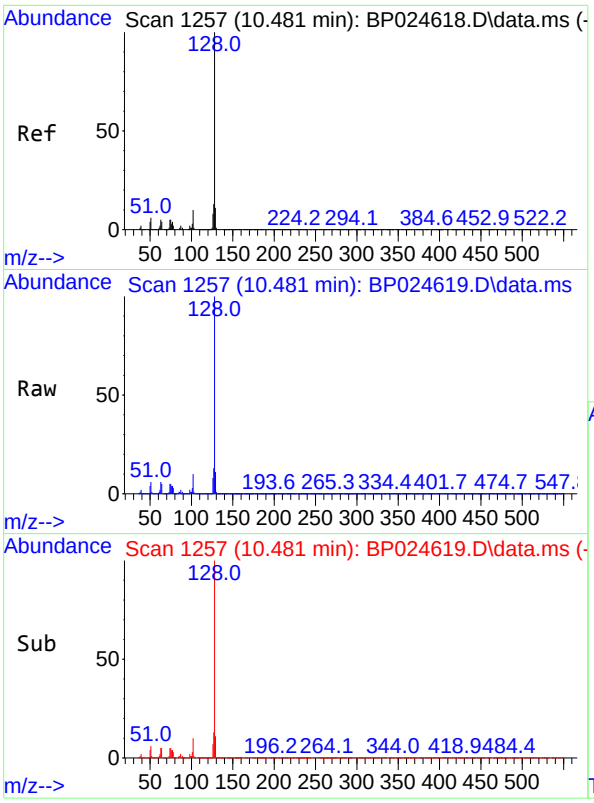


#30
1,2,4-Trichlorobenzene
Concen: 52.75 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



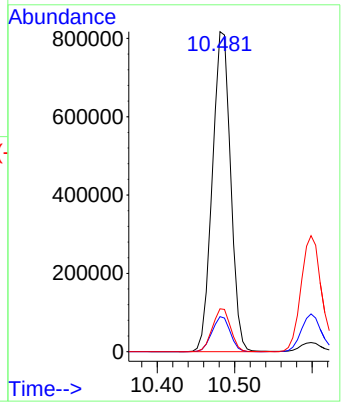


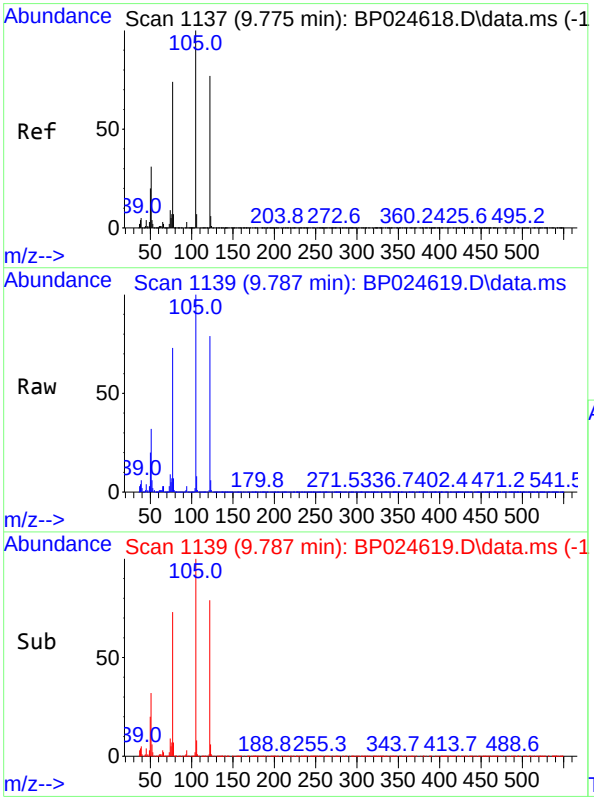
#31
Naphthalene
Concen: 52.65 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

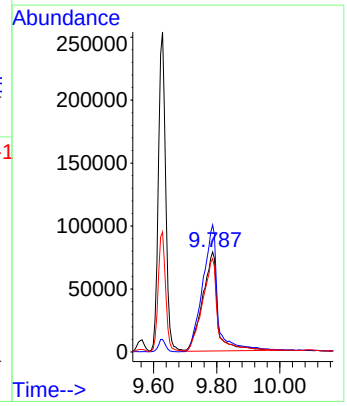


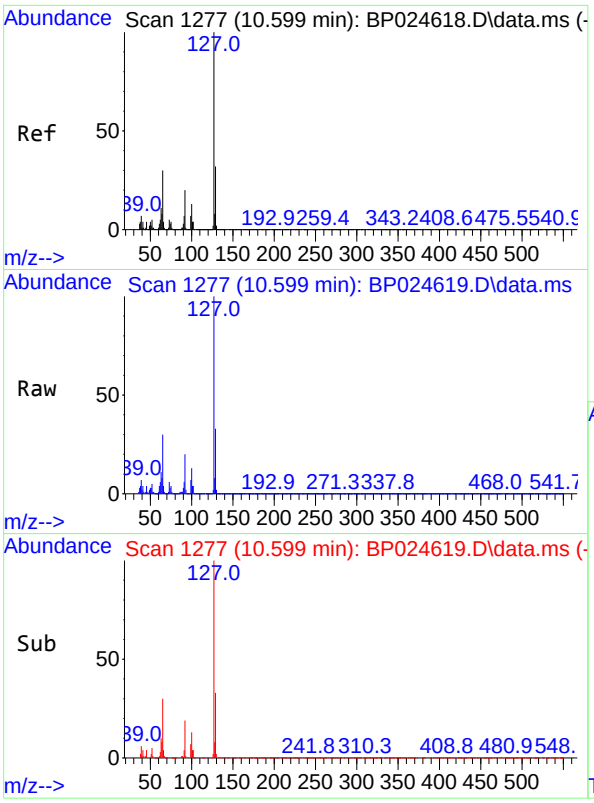


#32
Benzoic acid
Concen: 50.71 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



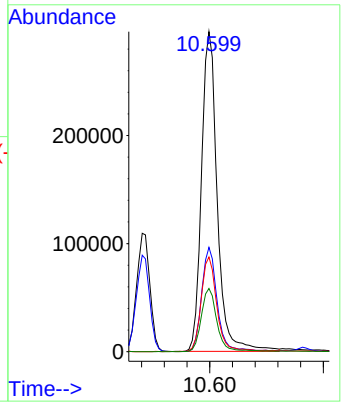


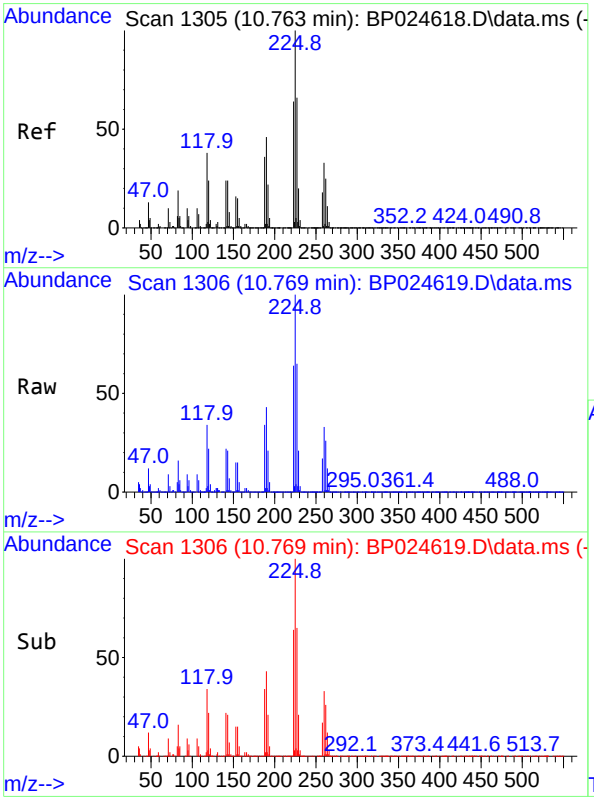
#33
4-Chloroaniline
Concen: 55.63 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

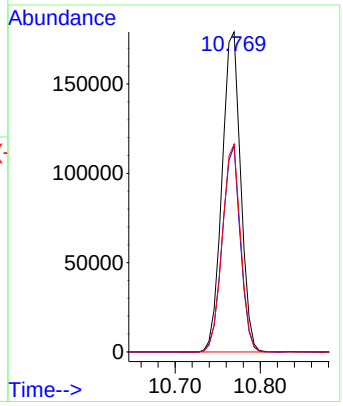


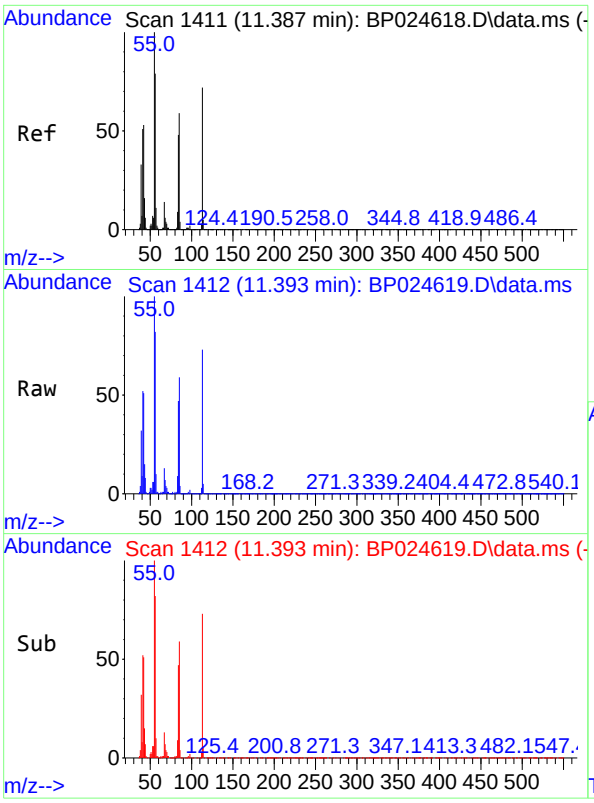


#34
Hexachlorobutadiene
Concen: 52.09 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



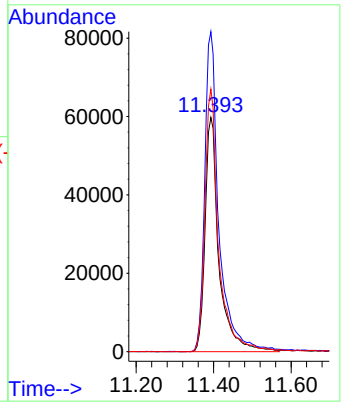


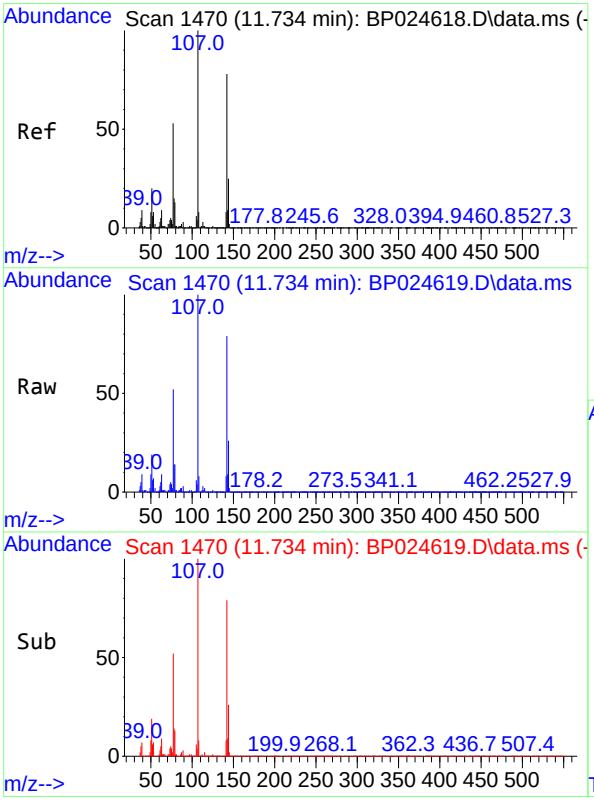
#35
Caprolactam
Concen: 57.53 ng
RT: 11.393 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

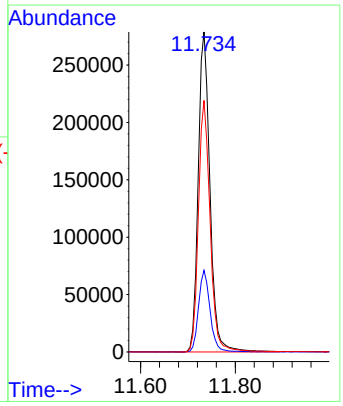


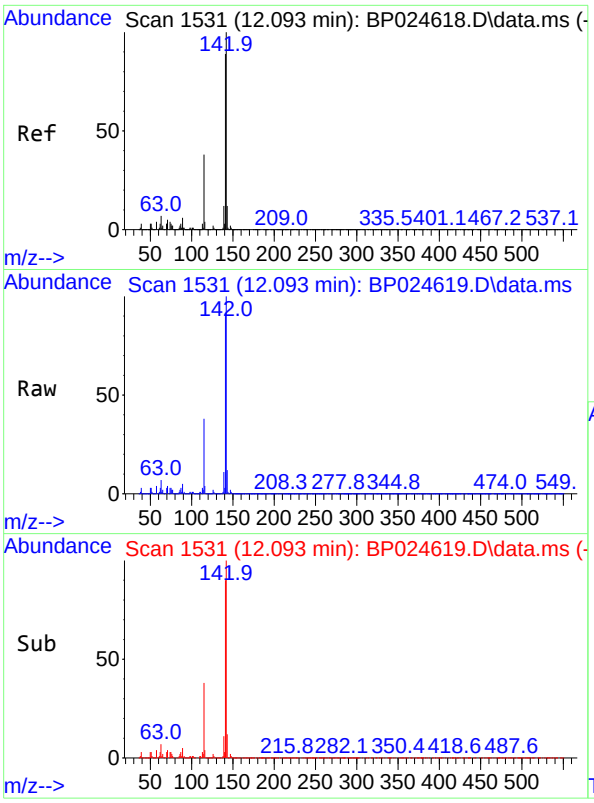


#36
4-Chloro-3-methylphenol
Concen: 54.97 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



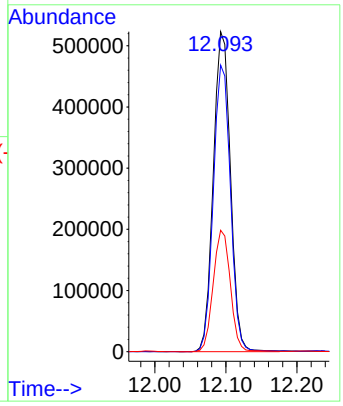


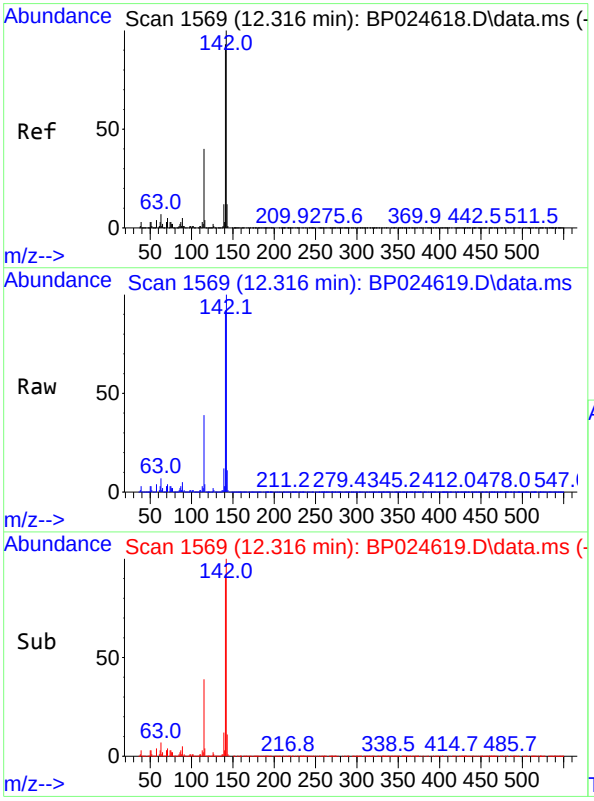
#37
2-Methylnaphthalene
Concen: 53.13 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

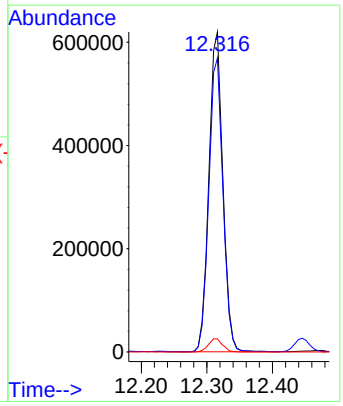


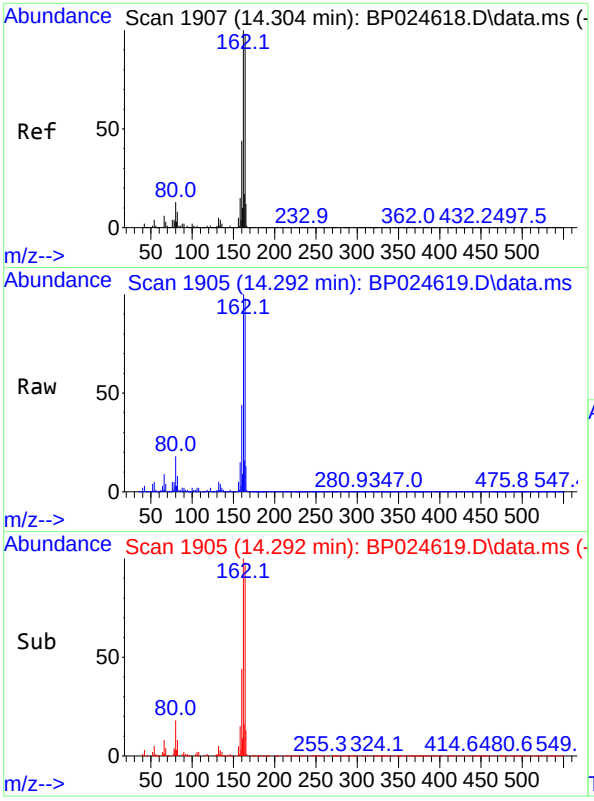


#38
1-Methylnaphthalene
Concen: 52.31 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



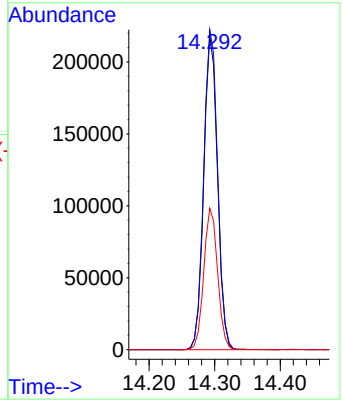


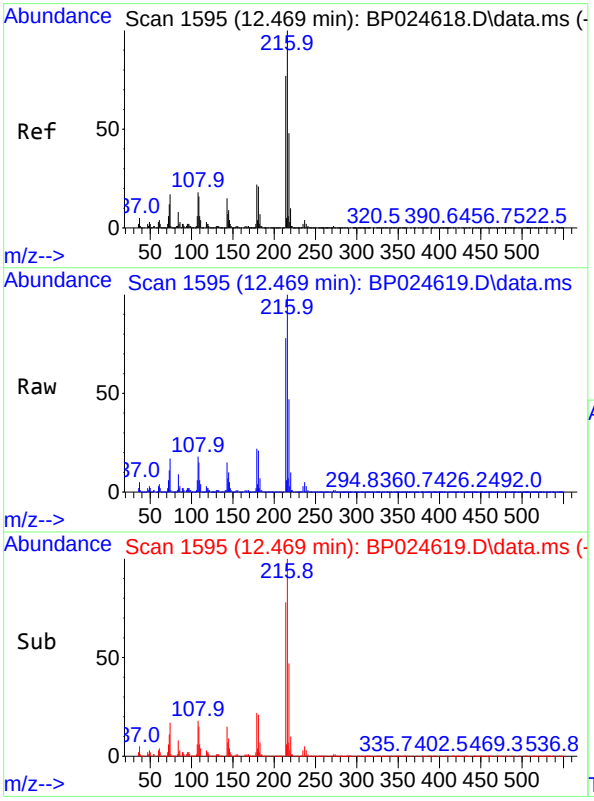
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

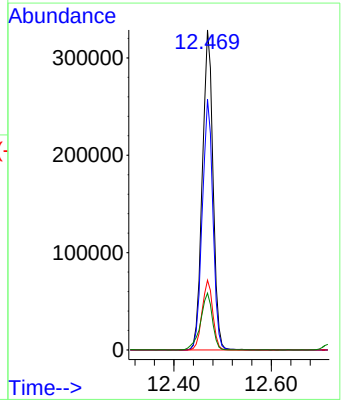


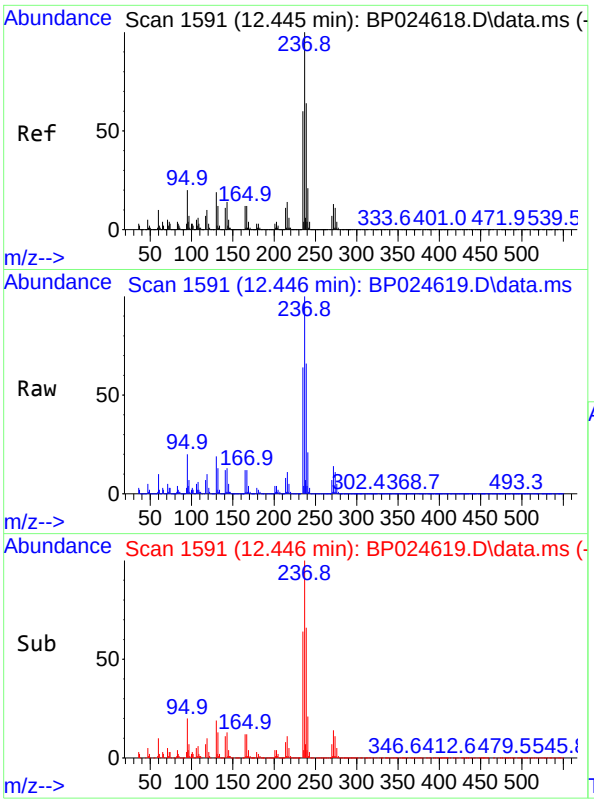


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.78 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



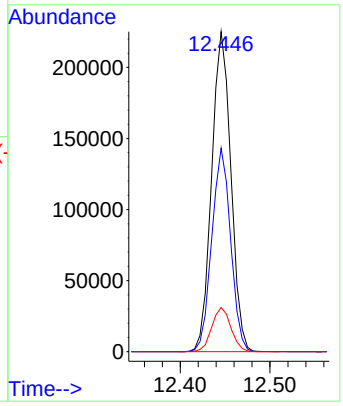


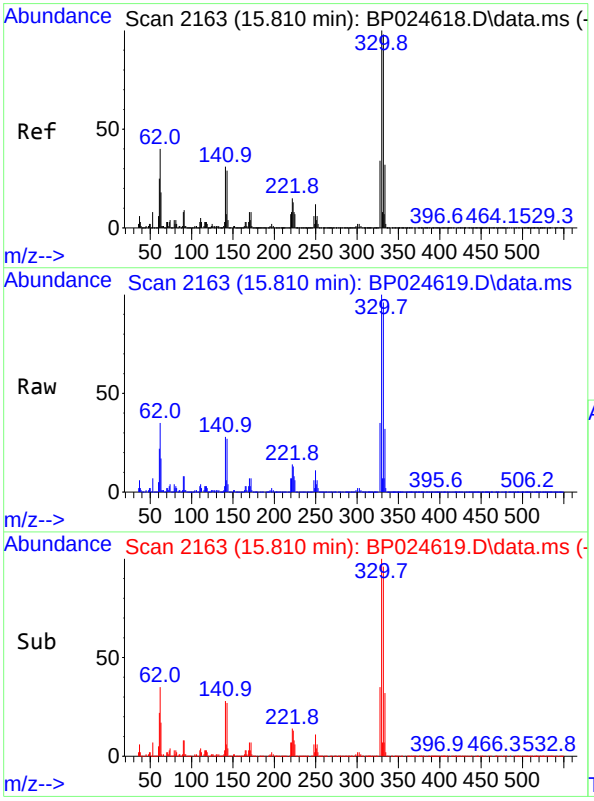
#41
Hexachlorocyclopentadiene
Concen: 59.64 ng
RT: 12.446 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

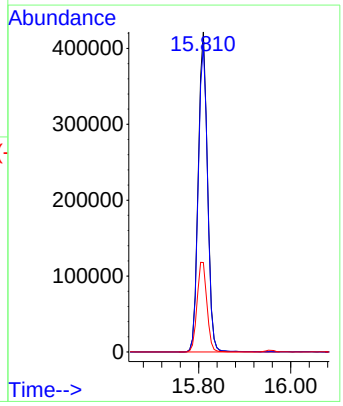


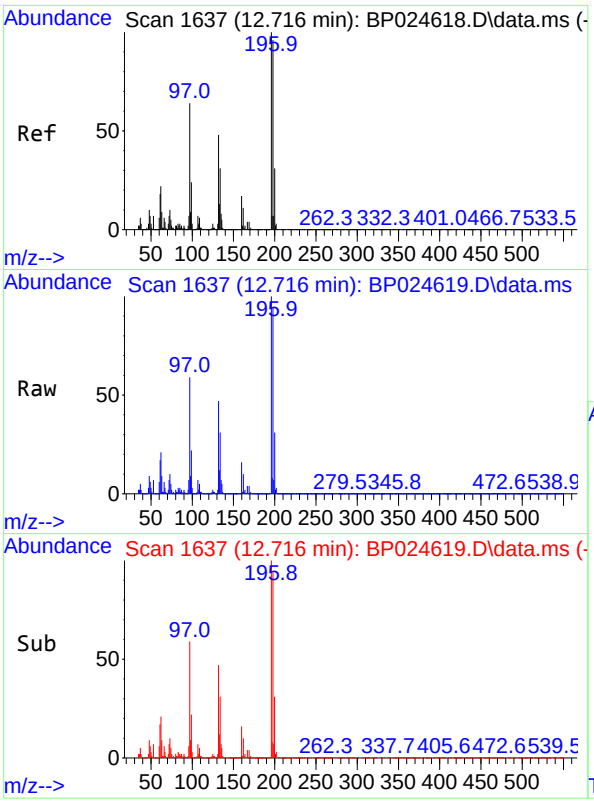


#42
2,4,6-Tribromophenol
Concen: 108.72 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



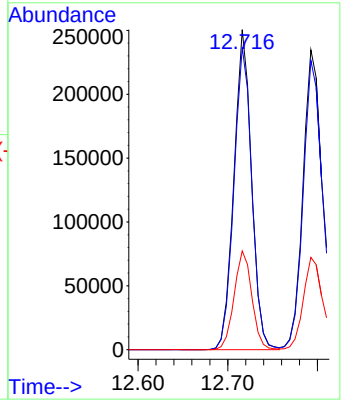


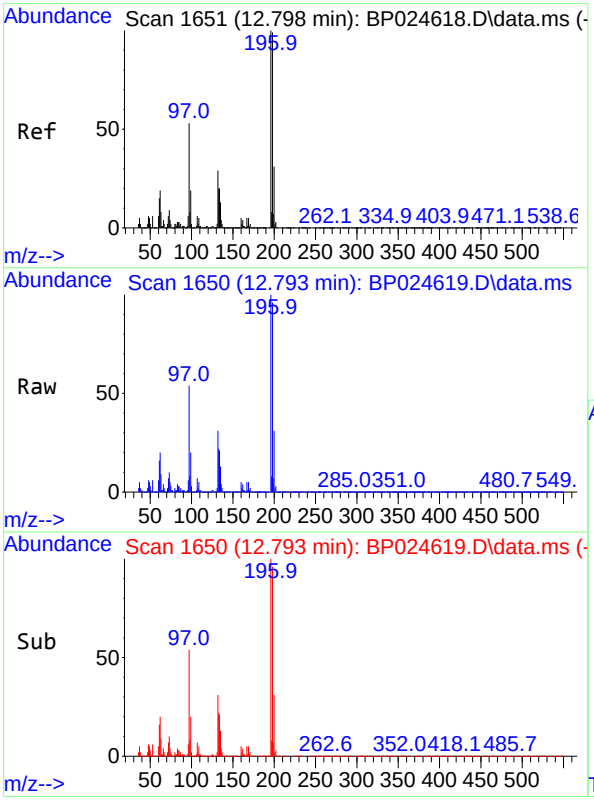
#43
2,4,6-Trichlorophenol
Concen: 56.89 ng
RT: 12.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

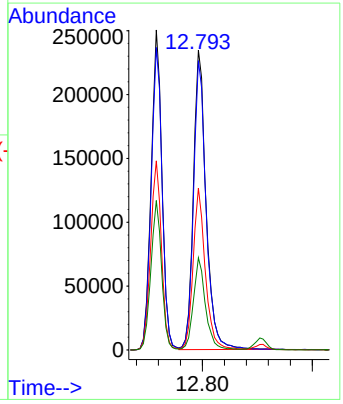


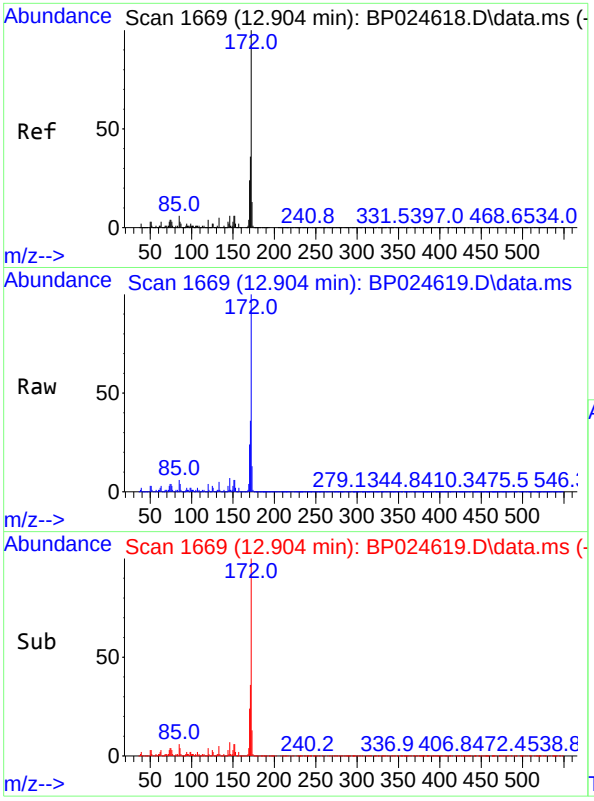


#44
2,4,5-Trichlorophenol
Concen: 56.24 ng
RT: 12.793 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



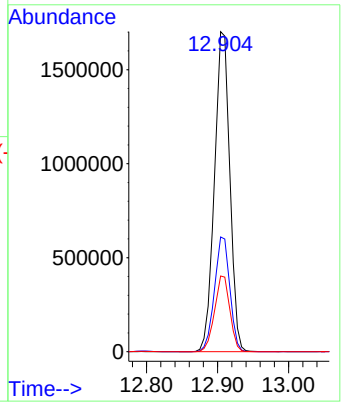


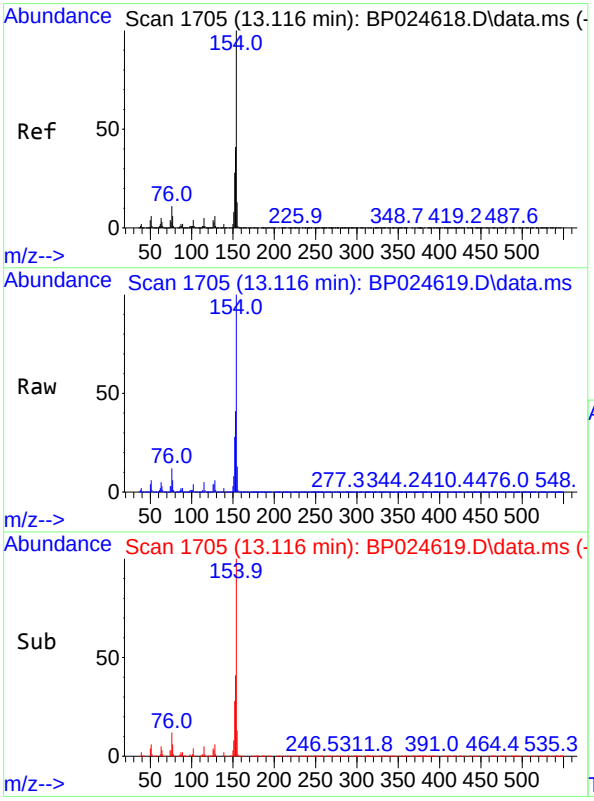
#45
2-Fluorobiphenyl
Concen: 104.96 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

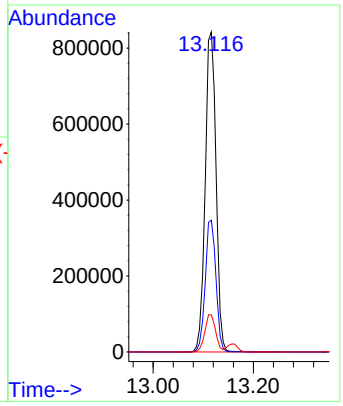


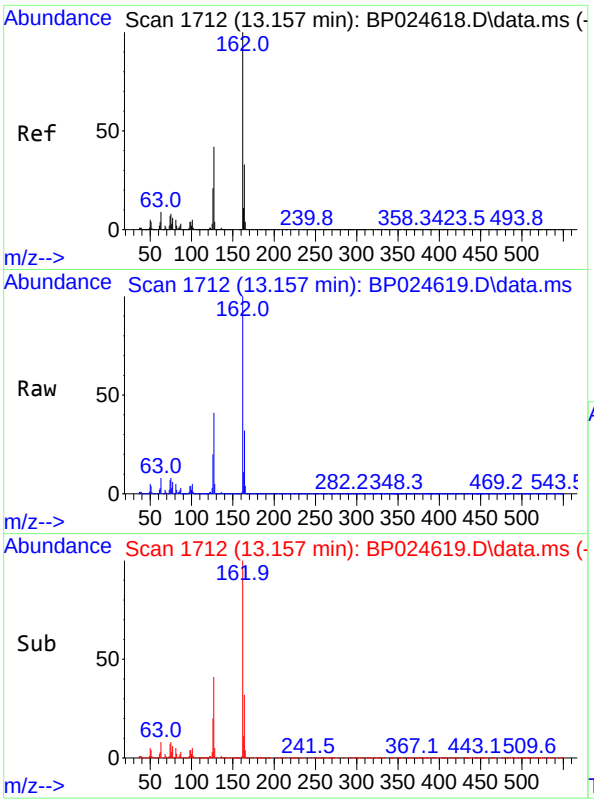


#46
1,1'-Biphenyl
Concen: 53.64 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



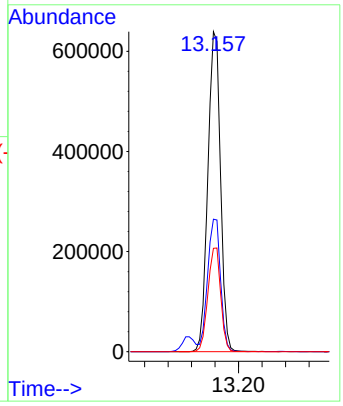


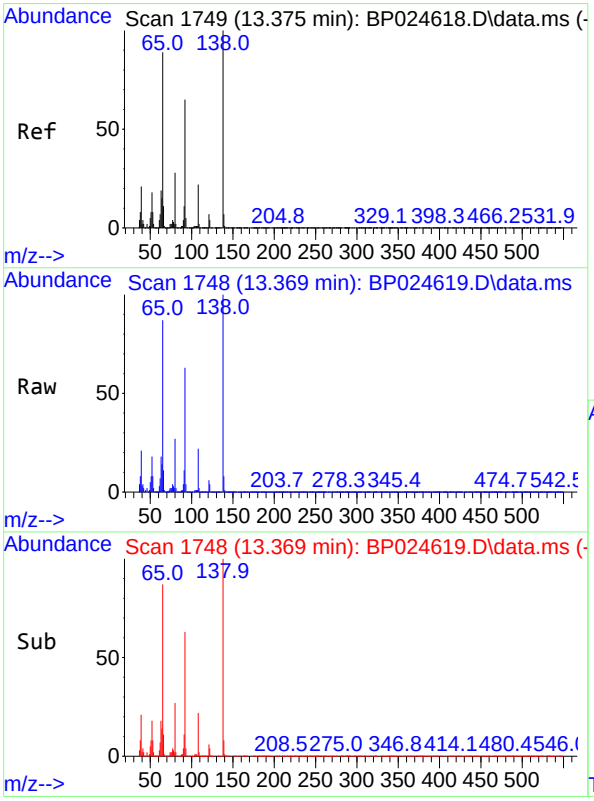
#47
2-Chloronaphthalene
Concen: 53.04 ng
RT: 13.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

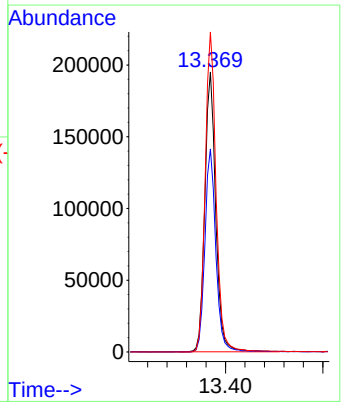


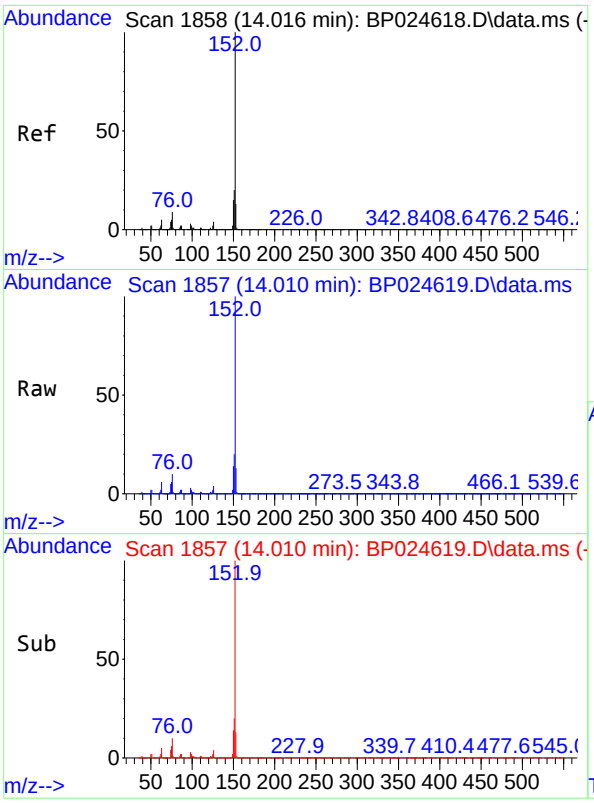


#48
2-Nitroaniline
Concen: 57.06 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



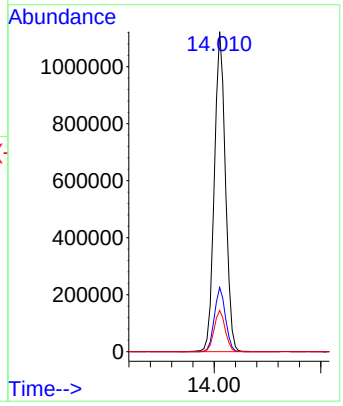


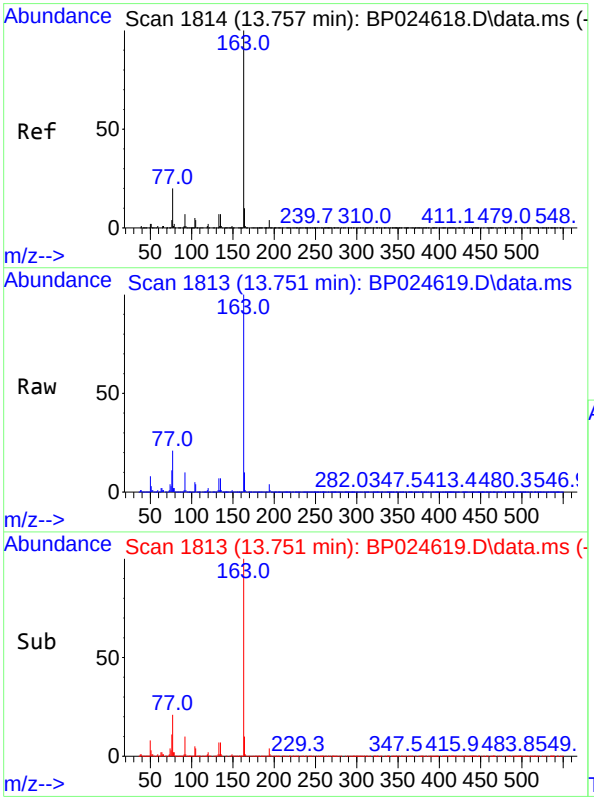
#49
Acenaphthylene
Concen: 53.79 ng
RT: 14.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

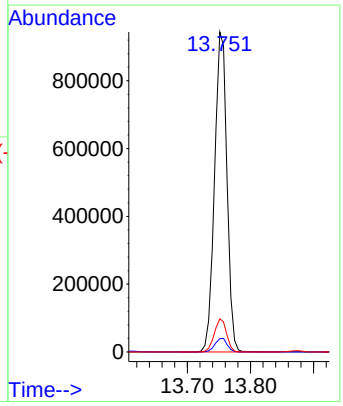


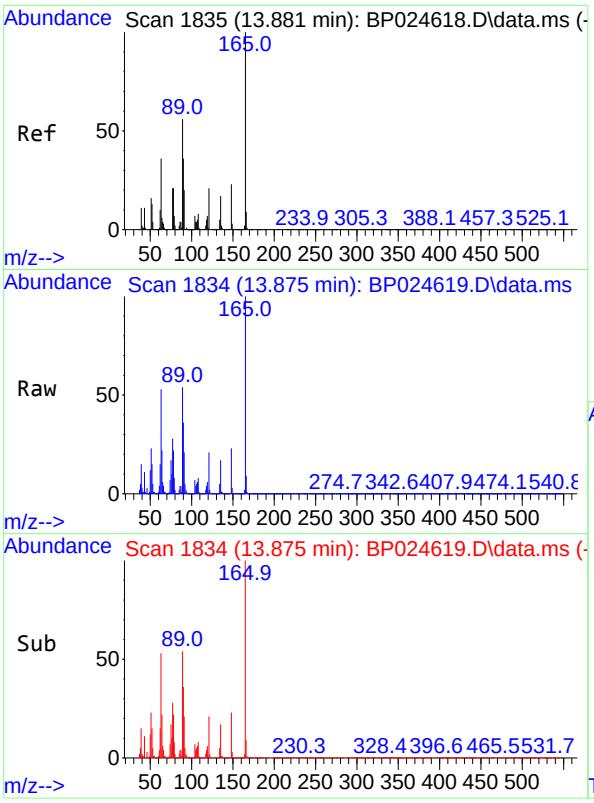


#50
Dimethylphthalate
Concen: 52.83 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



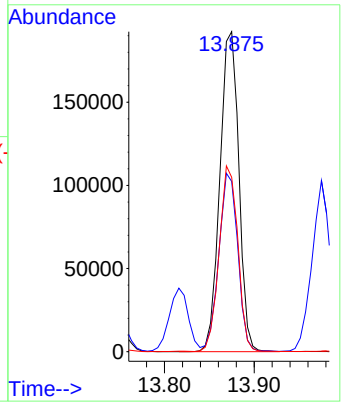


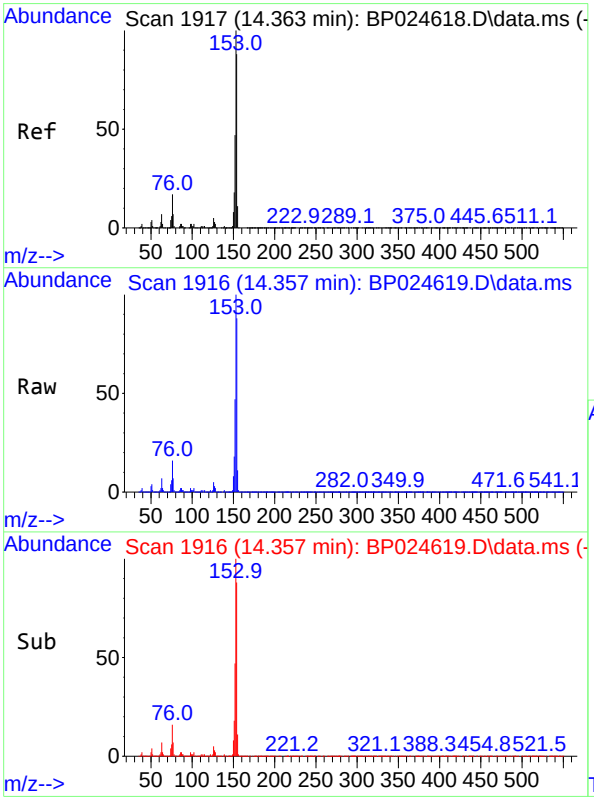
#51
2,6-Dinitrotoluene
Concen: 54.91 ng
RT: 13.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

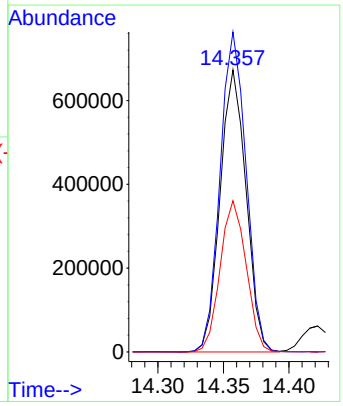


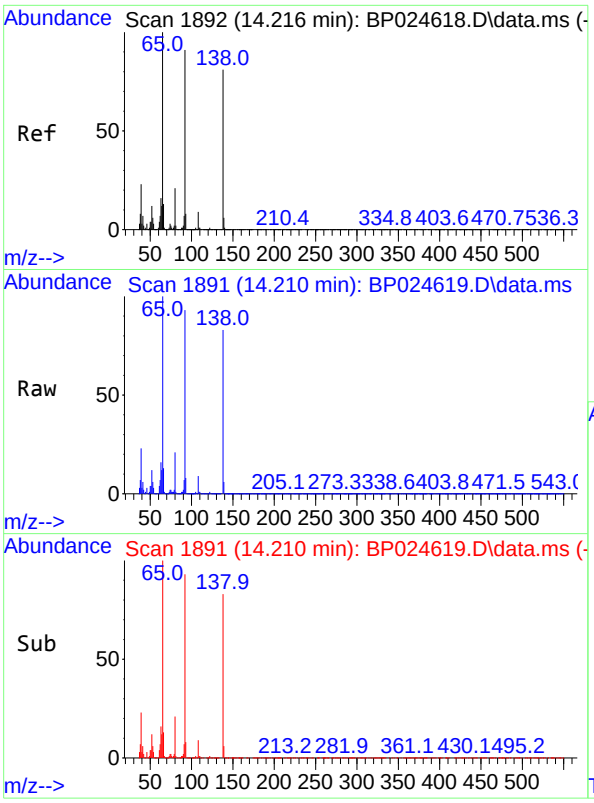


#52
Acenaphthene
Concen: 53.42 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



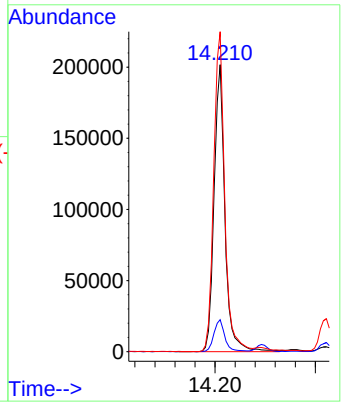


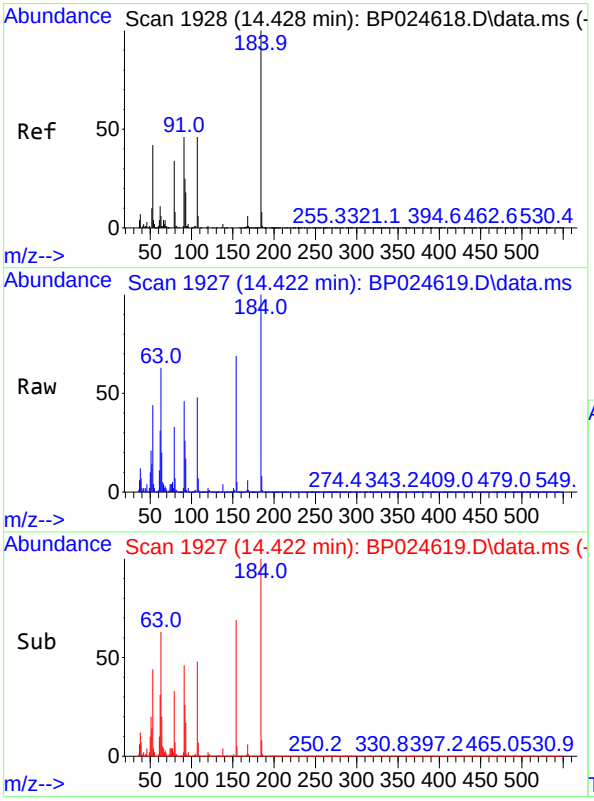
#53
3-Nitroaniline
Concen: 57.71 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

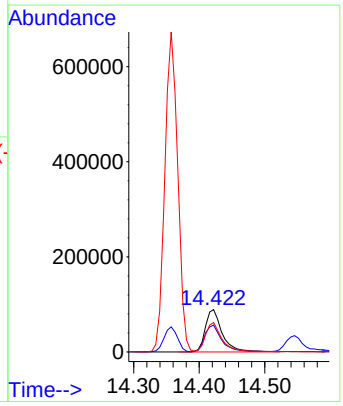


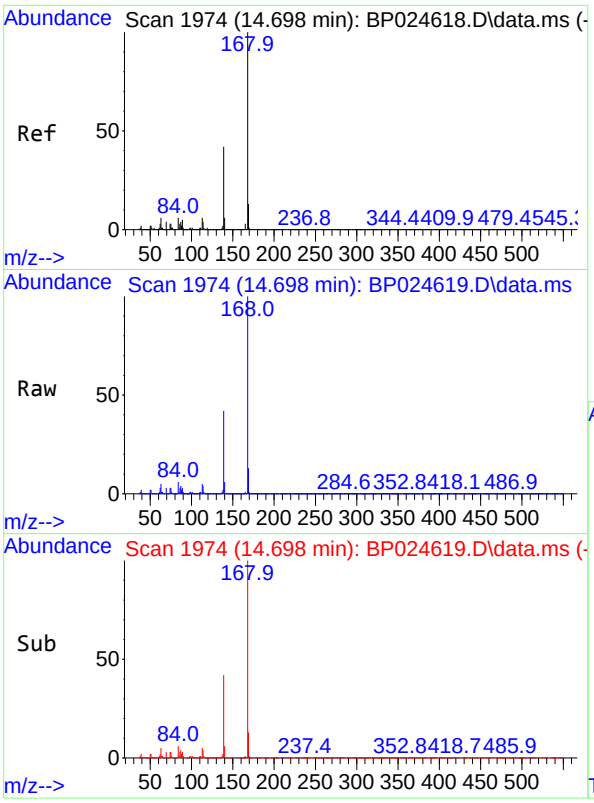


#54
2,4-Dinitrophenol
Concen: 51.86 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



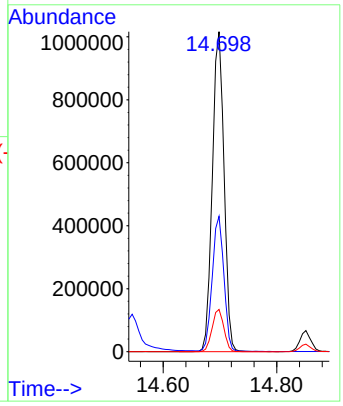


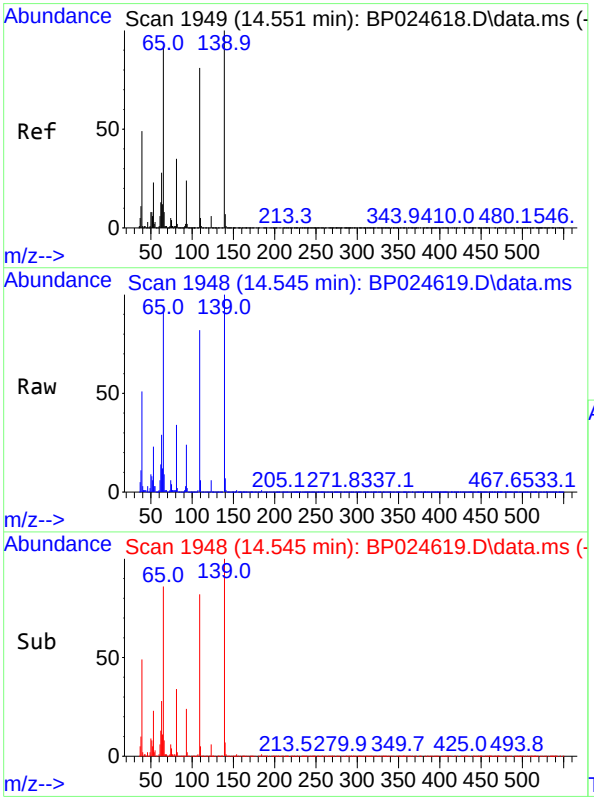
#55
Dibenzofuran
Concen: 52.50 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

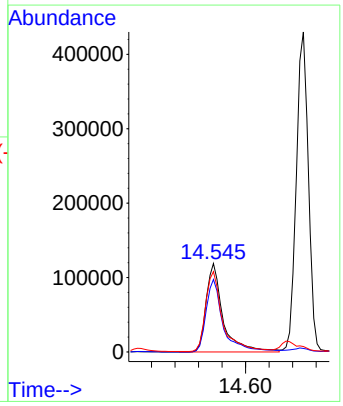


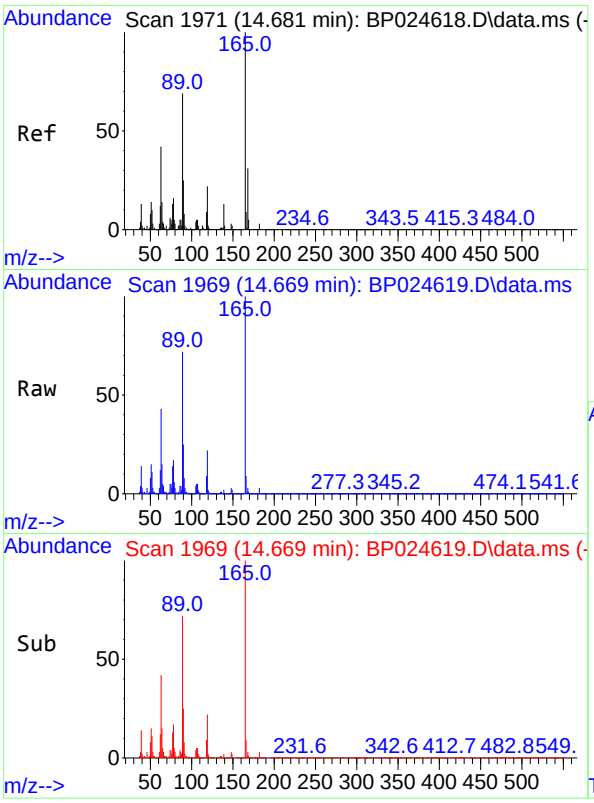


#56
4-Nitrophenol
Concen: 53.99 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



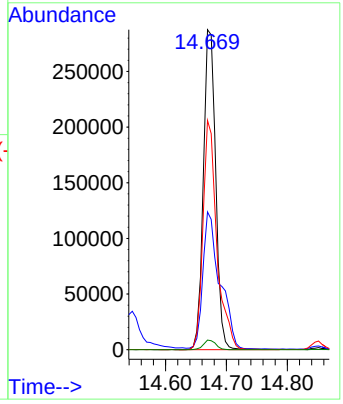


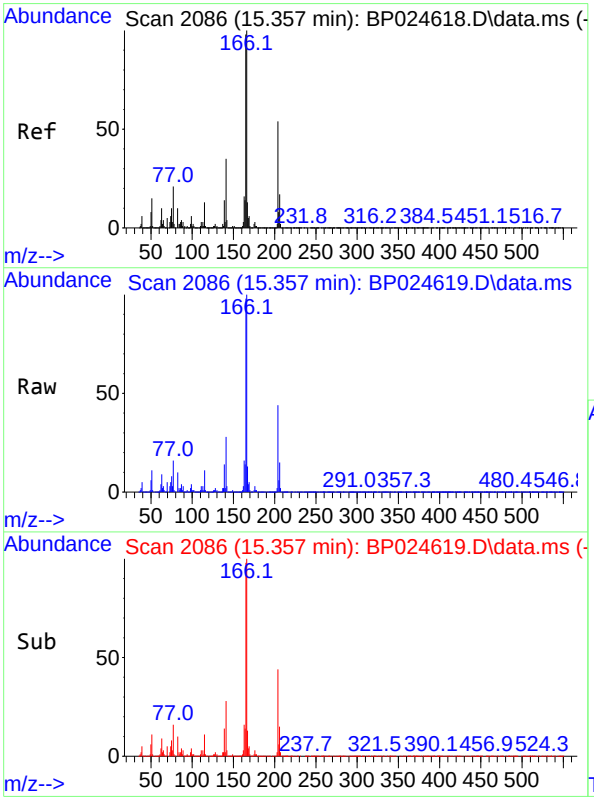
#57
2,4-Dinitrotoluene
Concen: 55.94 ng
RT: 14.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

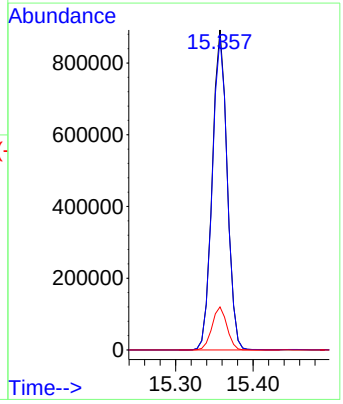


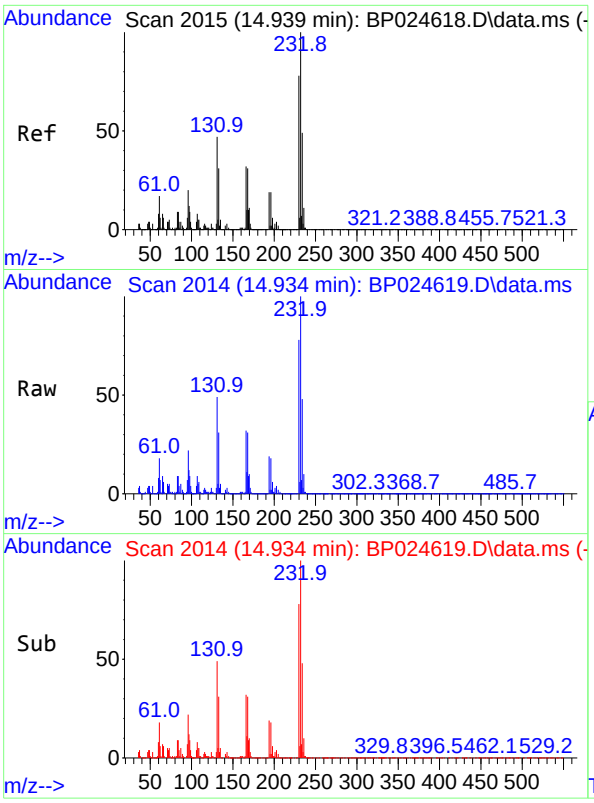


#58
Fluorene
Concen: 52.97 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



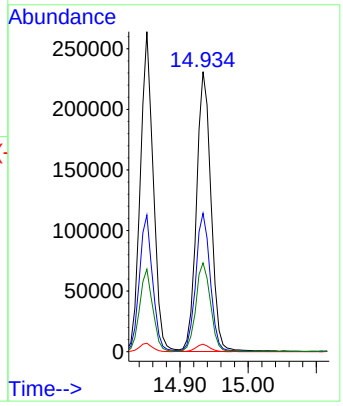


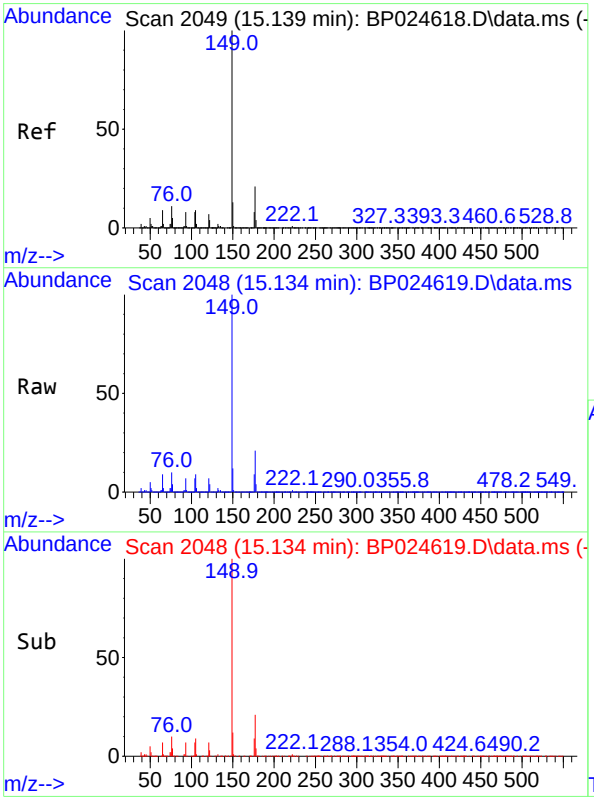
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.11 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

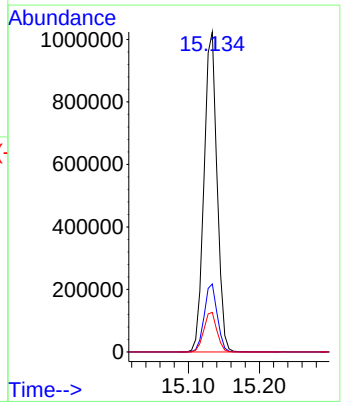


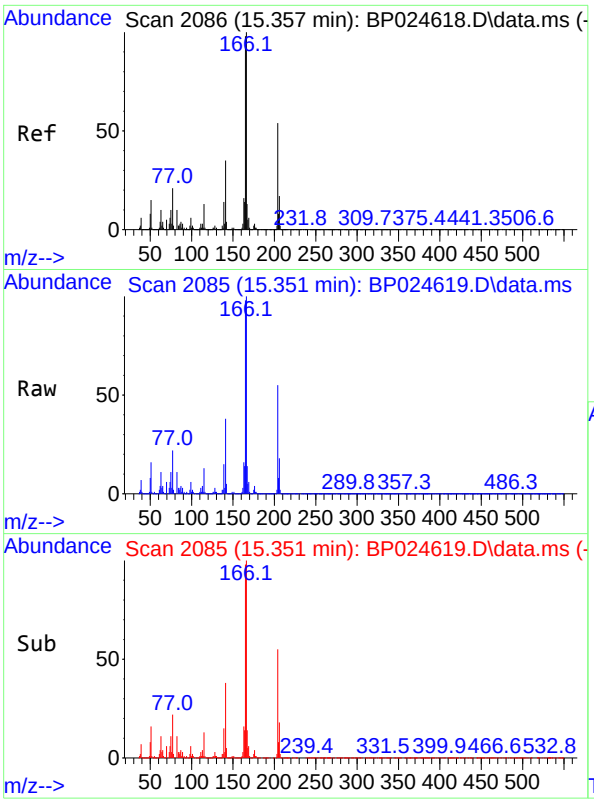


#60
Diethylphthalate
Concen: 53.18 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



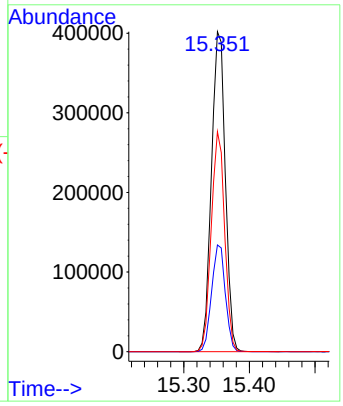


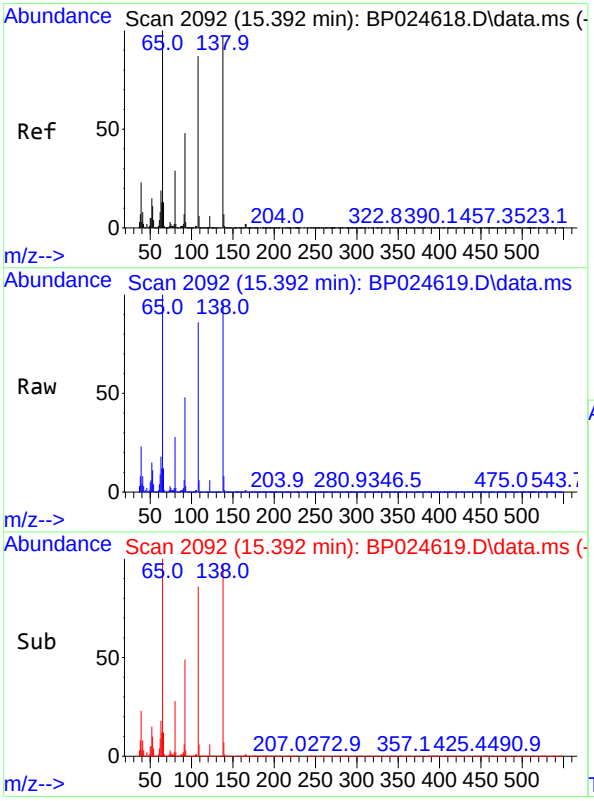
#61
4-Chlorophenyl-phenylether
Concen: 52.67 ng
RT: 15.351 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

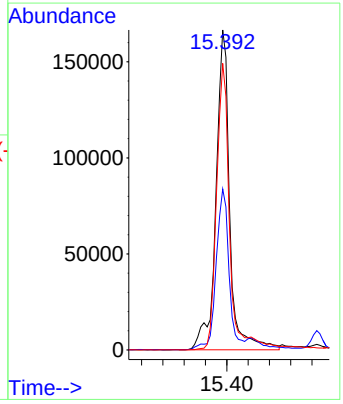


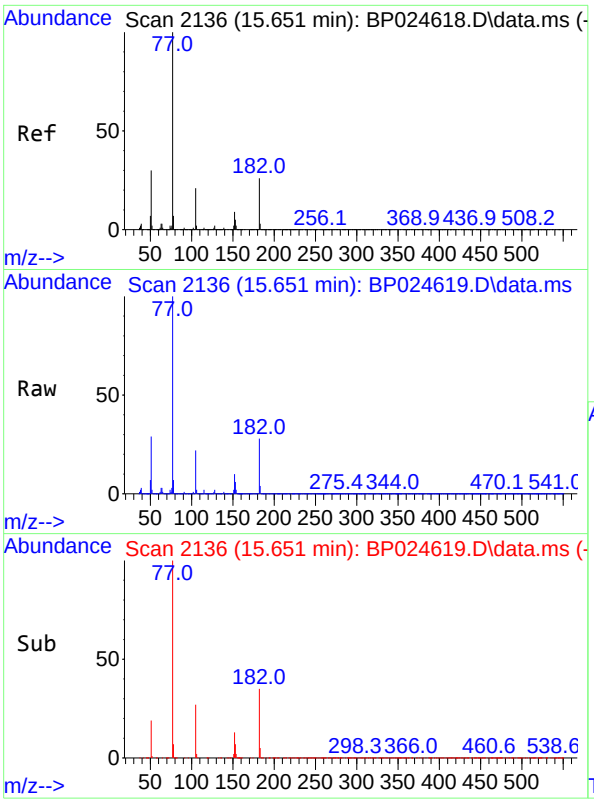


#62
4-Nitroaniline
Concen: 58.55 ng
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



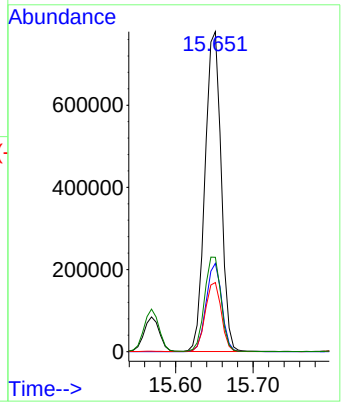


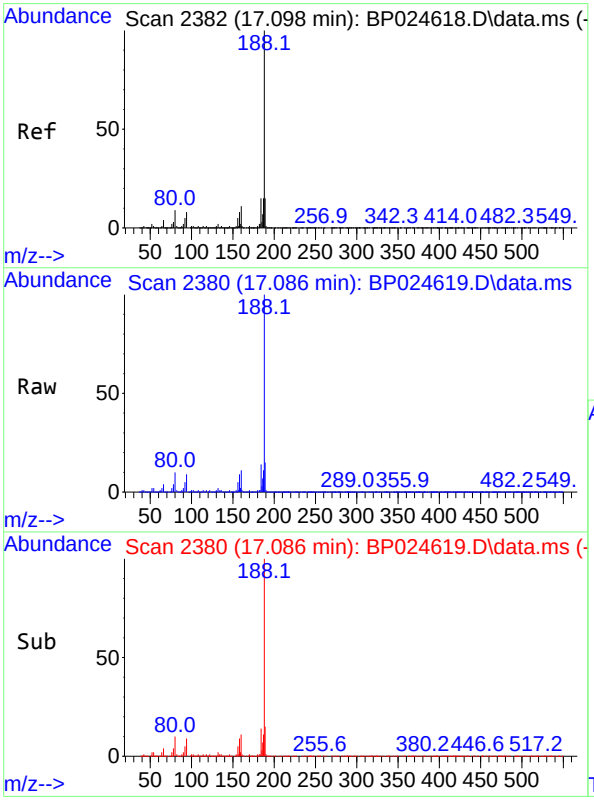
#63
Azobenzene
Concen: 53.39 ng
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

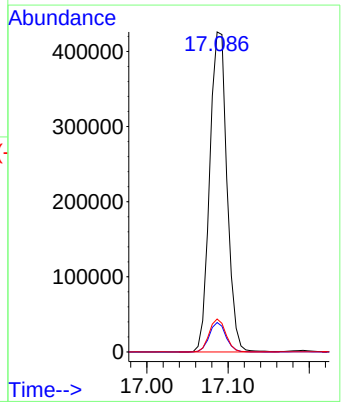


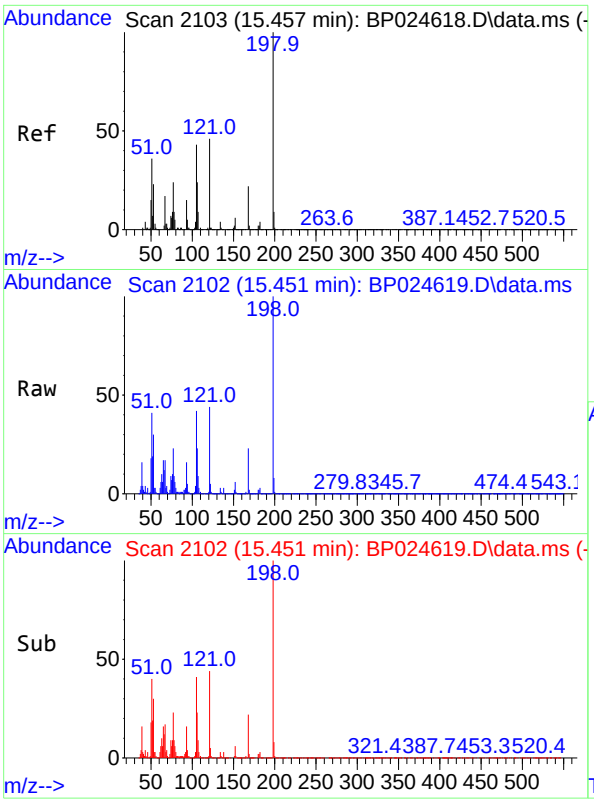


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



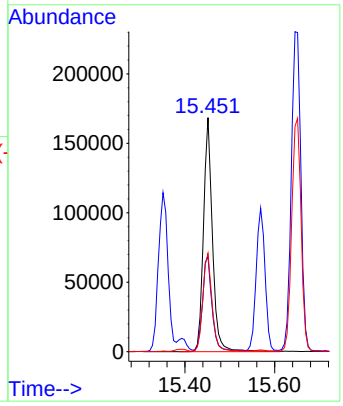


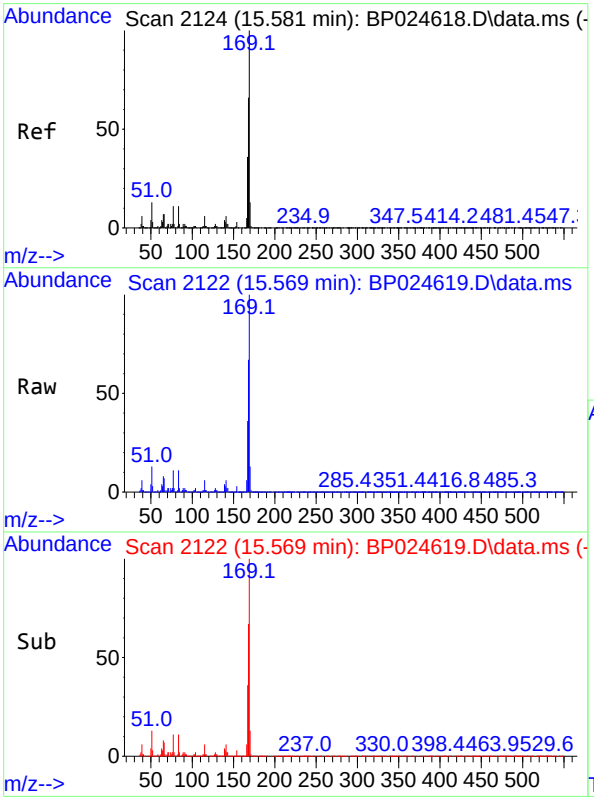
#65
4,6-Dinitro-2-methylphenol
Concen: 57.64 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

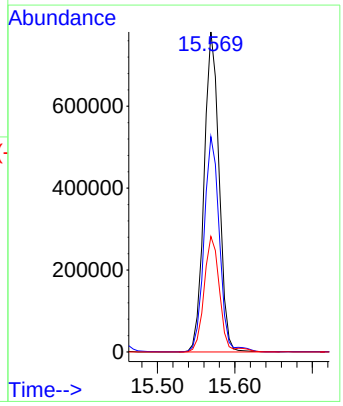


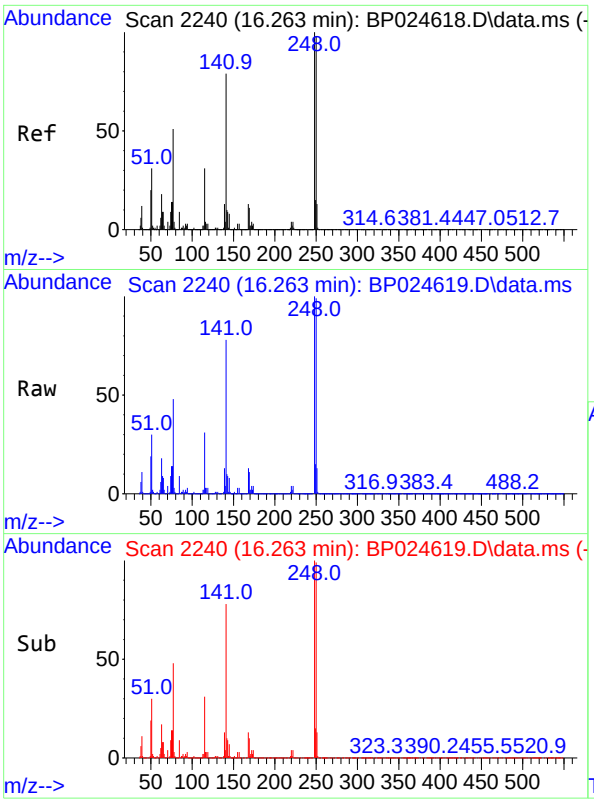


#66
n-Nitrosodiphenylamine
Concen: 54.28 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



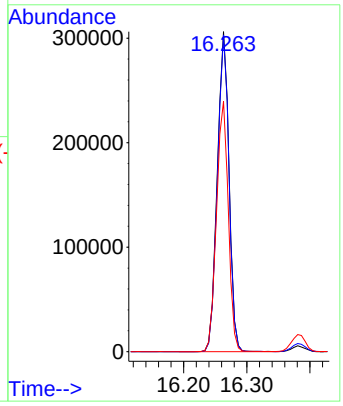


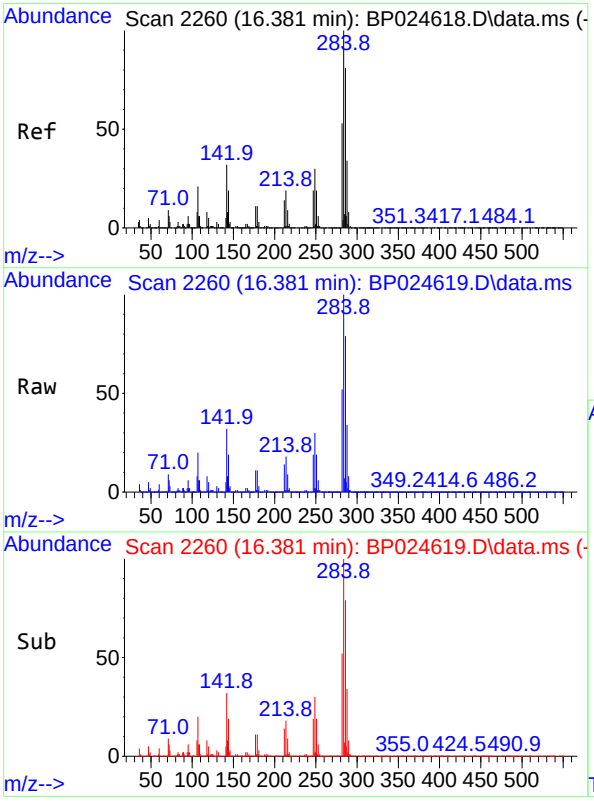
#67
4-Bromophenyl-phenylether
Concen: 53.50 ng
RT: 16.263 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

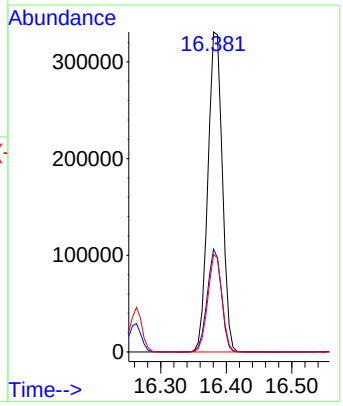


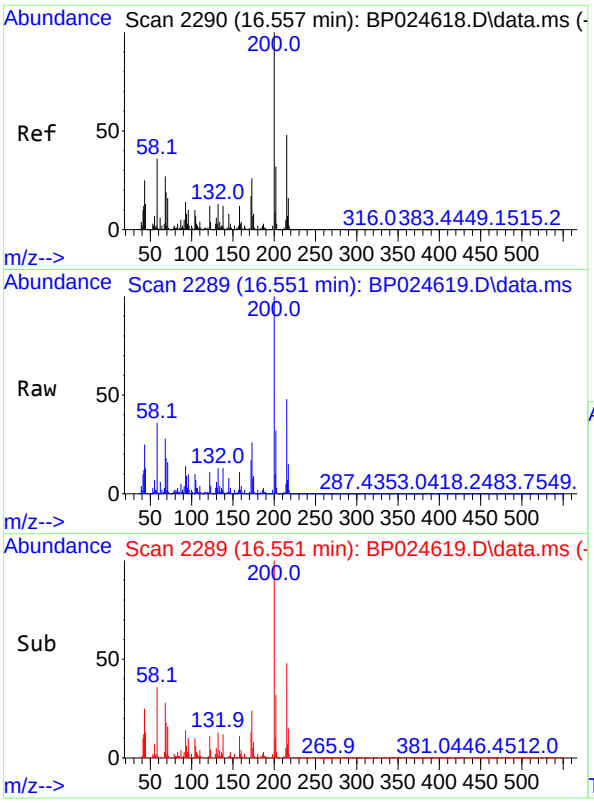


#68
Hexachlorobenzene
Concen: 53.64 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



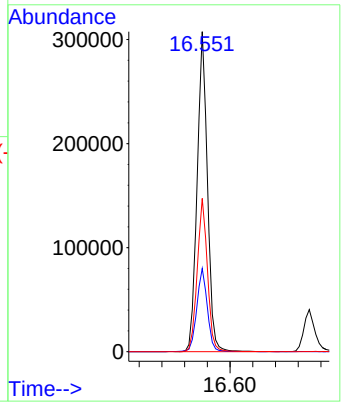


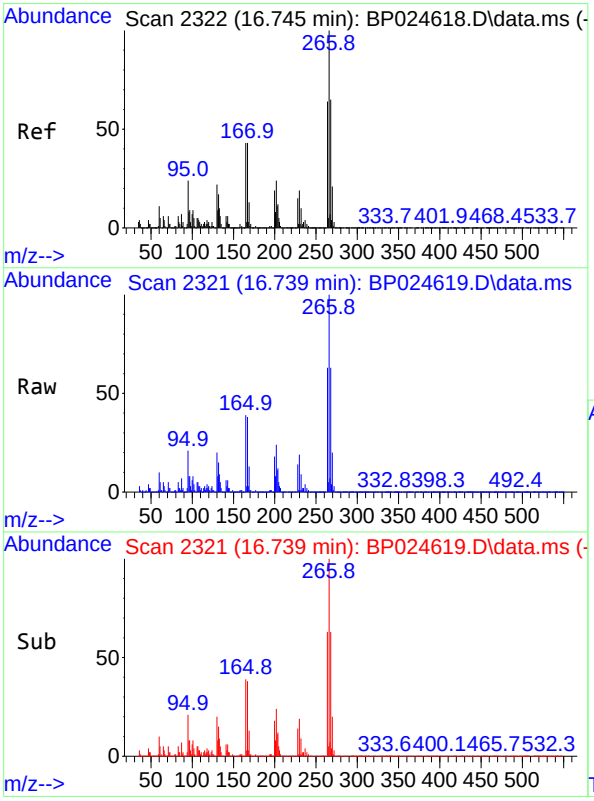
#69
Atrazine
Concen: 55.07 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

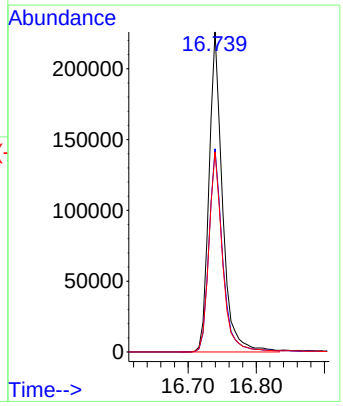


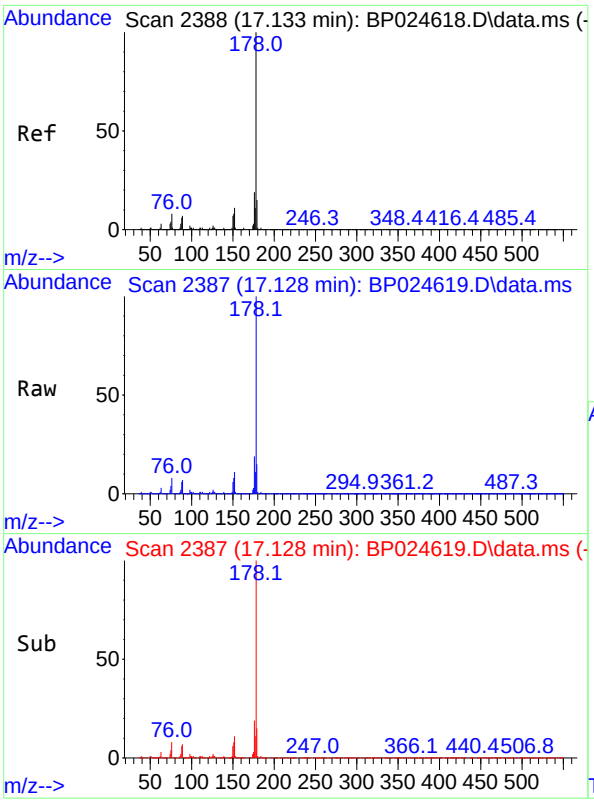


#70
Pentachlorophenol
Concen: 58.71 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



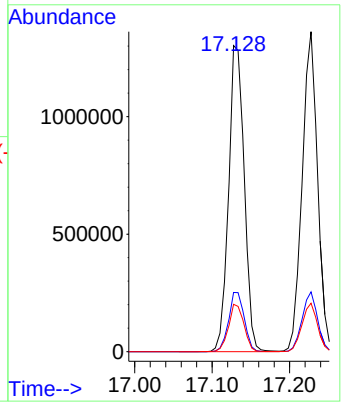


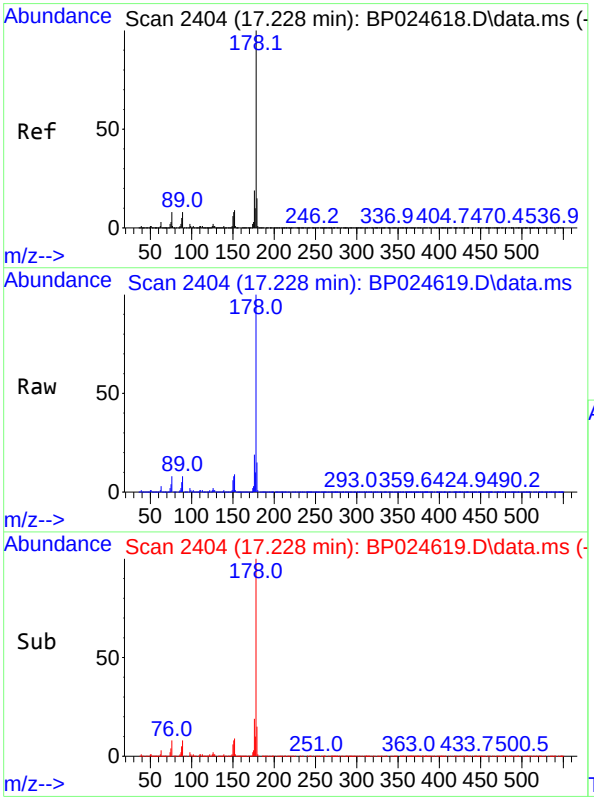
#71
Phenanthrene
Concen: 52.61 ng
RT: 17.128 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

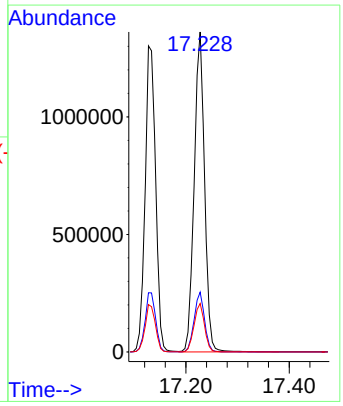


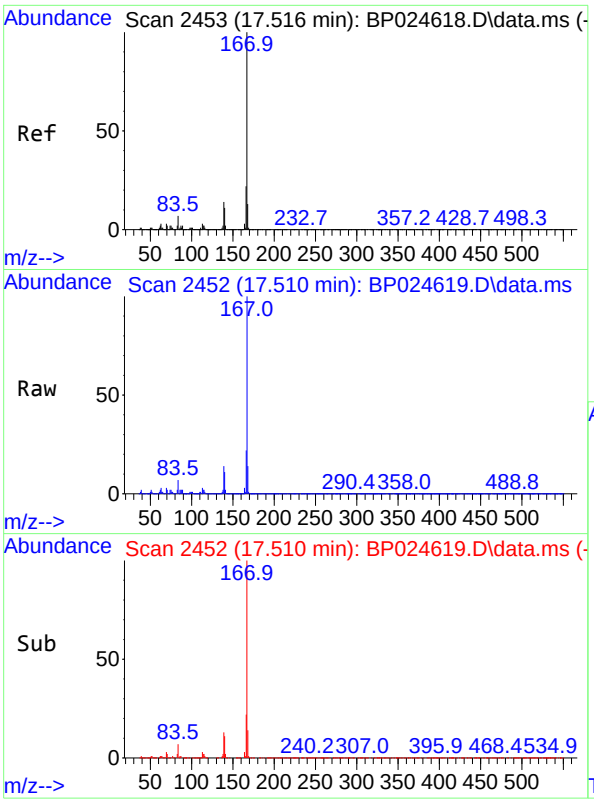


#72
Anthracene
Concen: 53.87 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



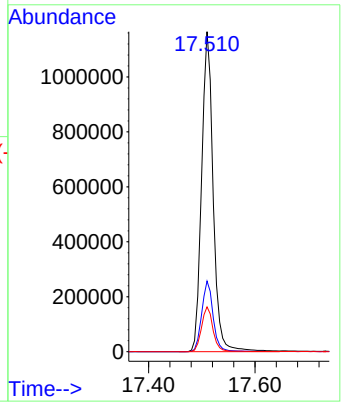


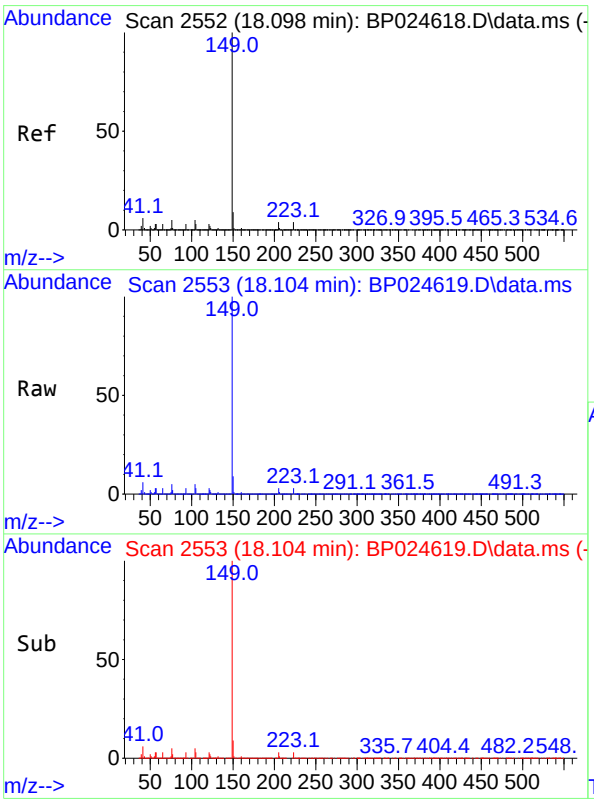
#73
Carbazole
Concen: 55.00 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

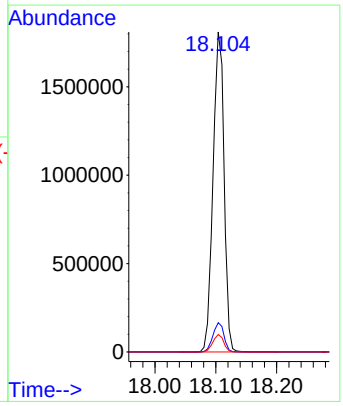


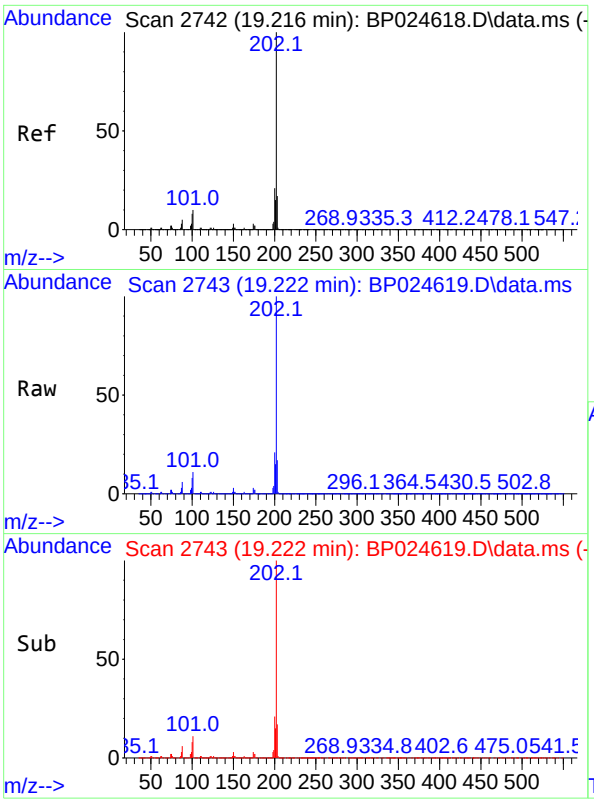


#74
Di-n-butylphthalate
Concen: 55.58 ng
RT: 18.104 min Scan# 2553
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



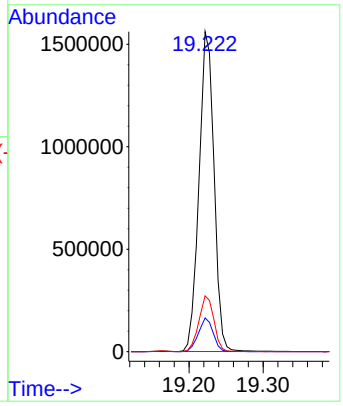


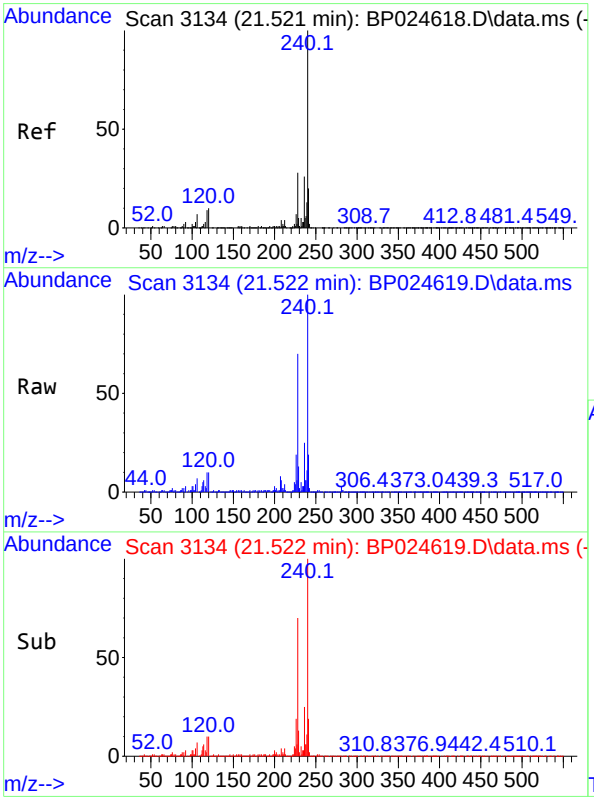
#75
Fluoranthene
Concen: 53.84 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

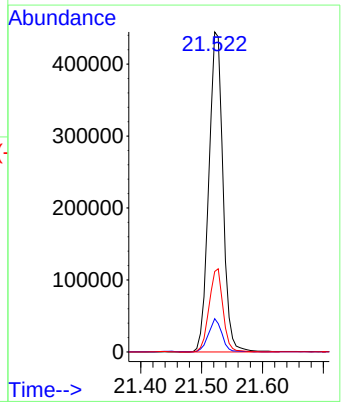


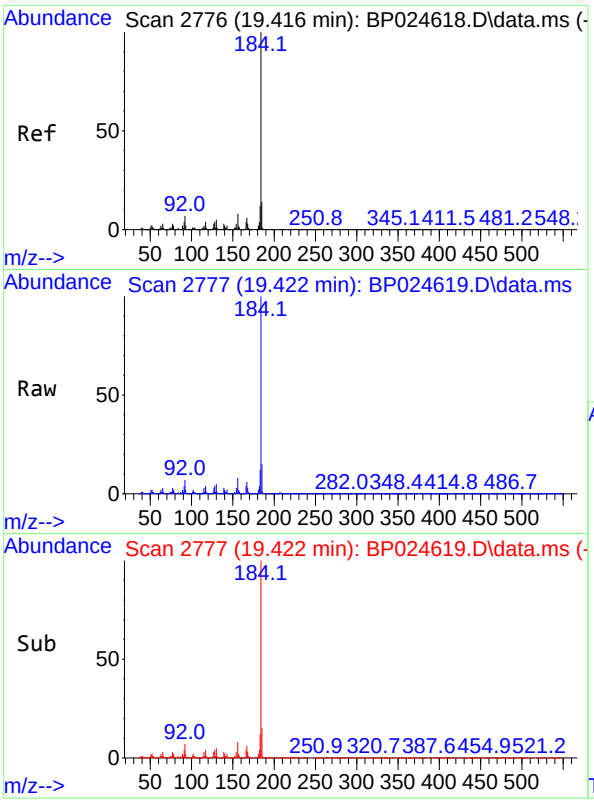


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



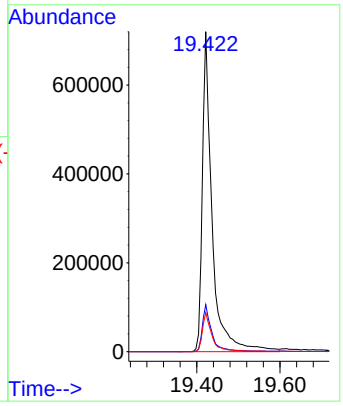


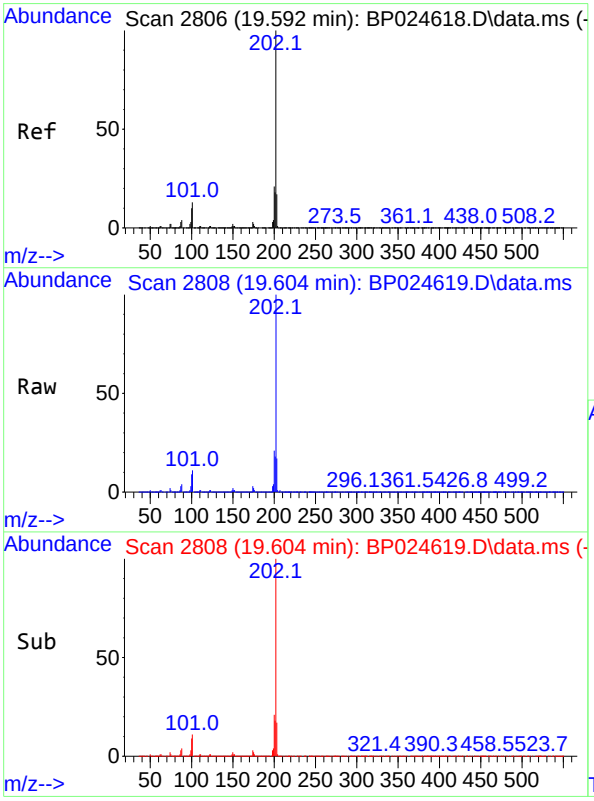
#77
Benzidine
Concen: 59.85 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

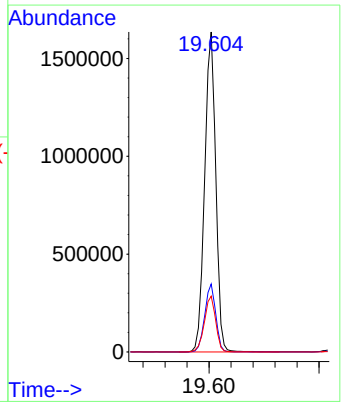


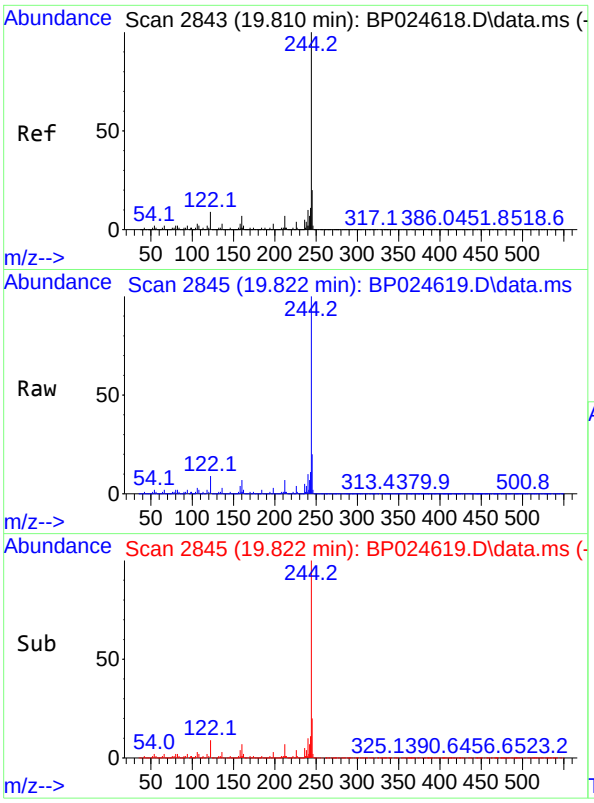


#78
Pyrene
Concen: 53.11 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



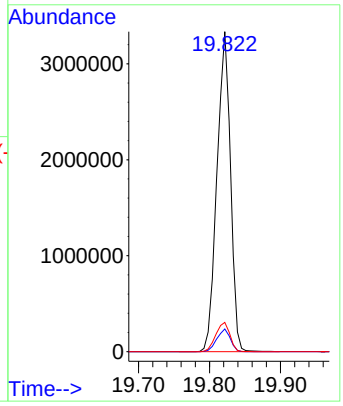


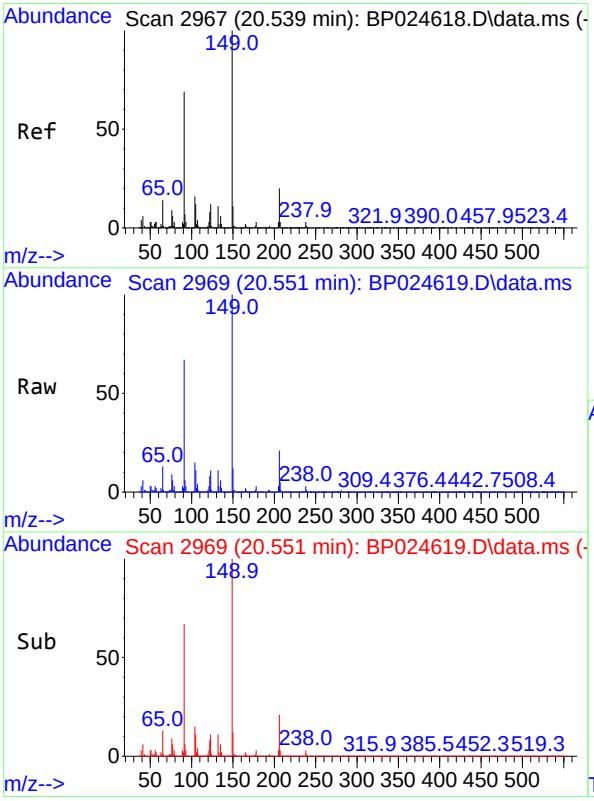
#79
Terphenyl-d14
Concen: 105.15 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

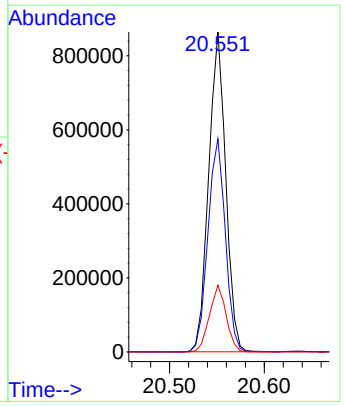


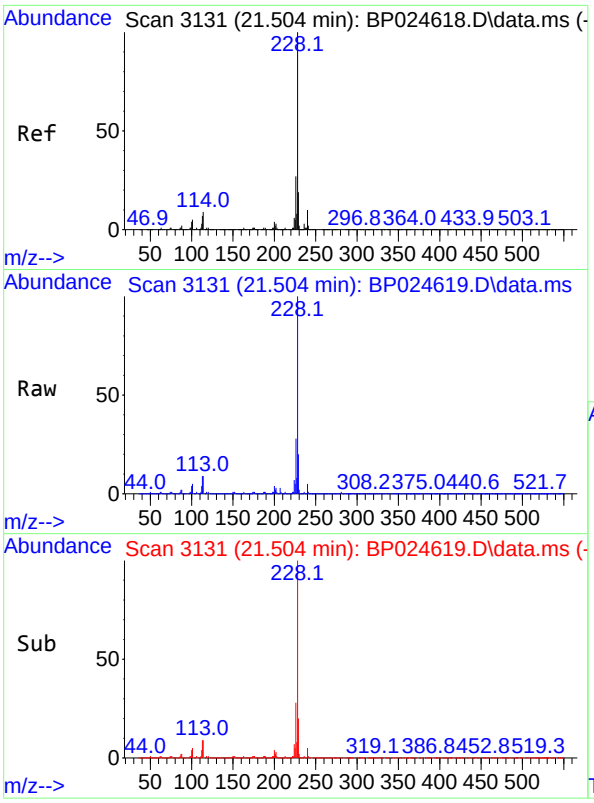


#80
Butylbenzylphthalate
Concen: 56.68 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



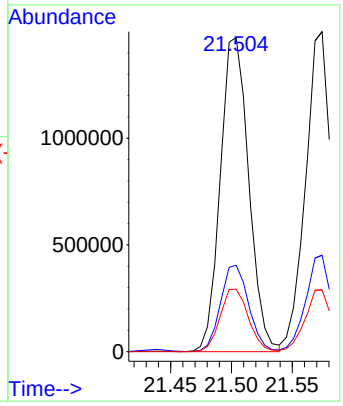


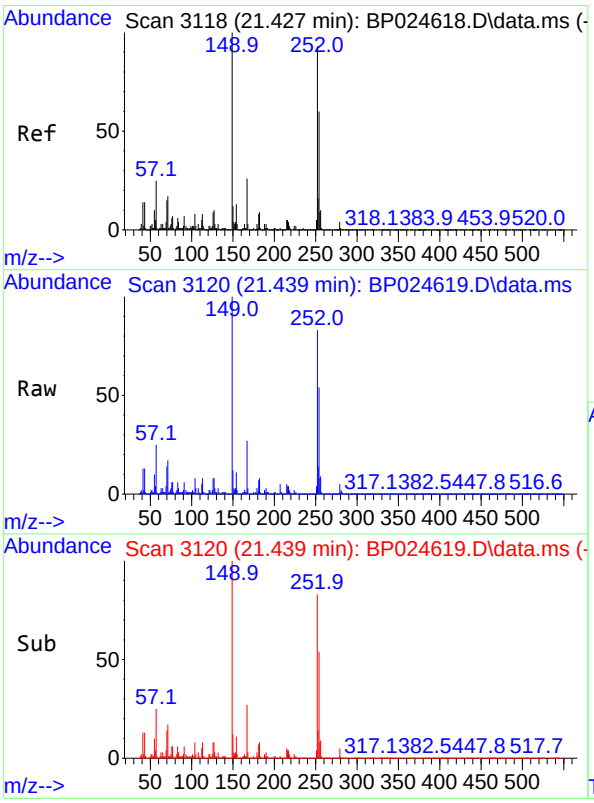
#81
Benzo(a)anthracene
Concen: 53.20 ng
RT: 21.504 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

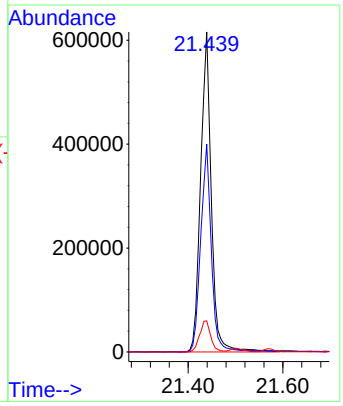


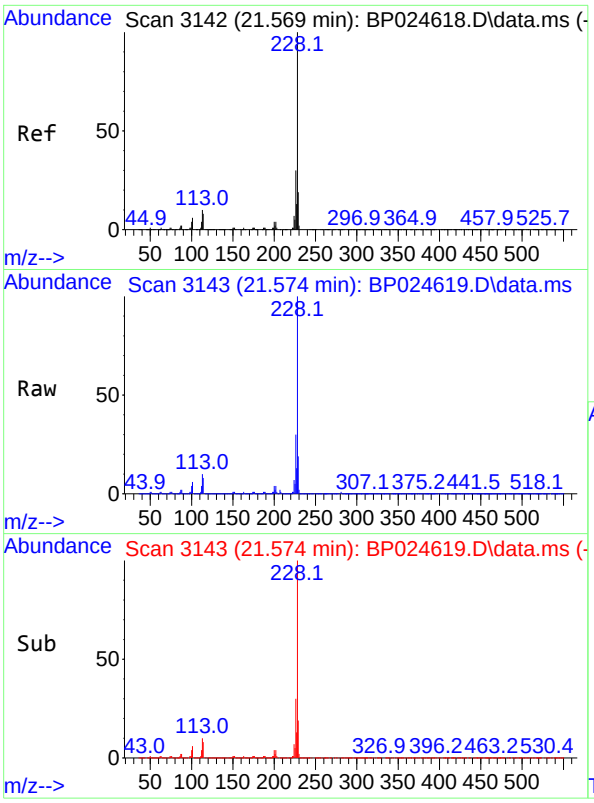


#82
3,3'-Dichlorobenzidine
Concen: 57.80 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



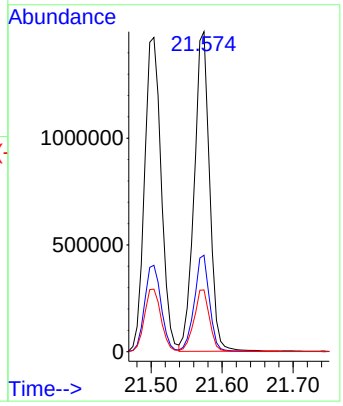


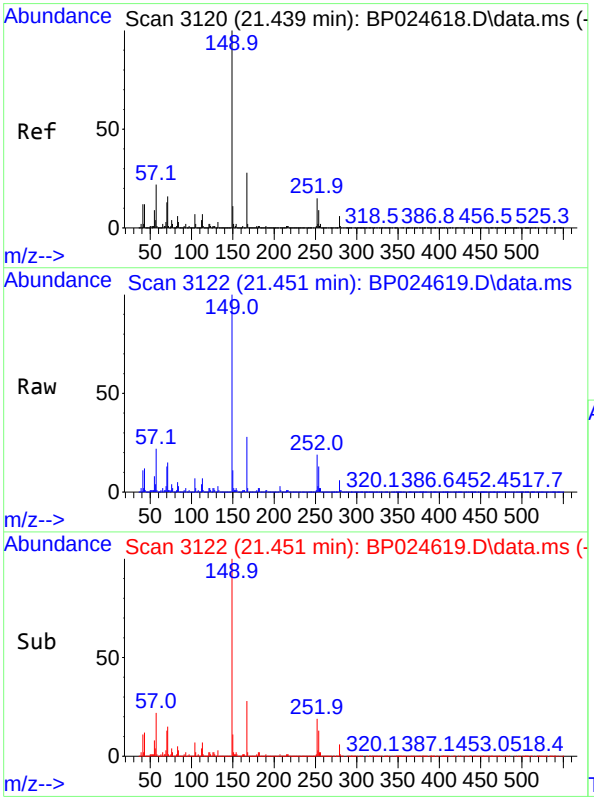
#83
Chrysene
Concen: 52.71 ng
RT: 21.574 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

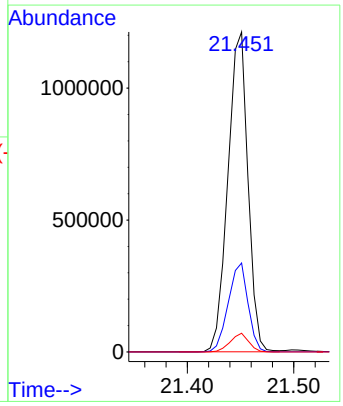


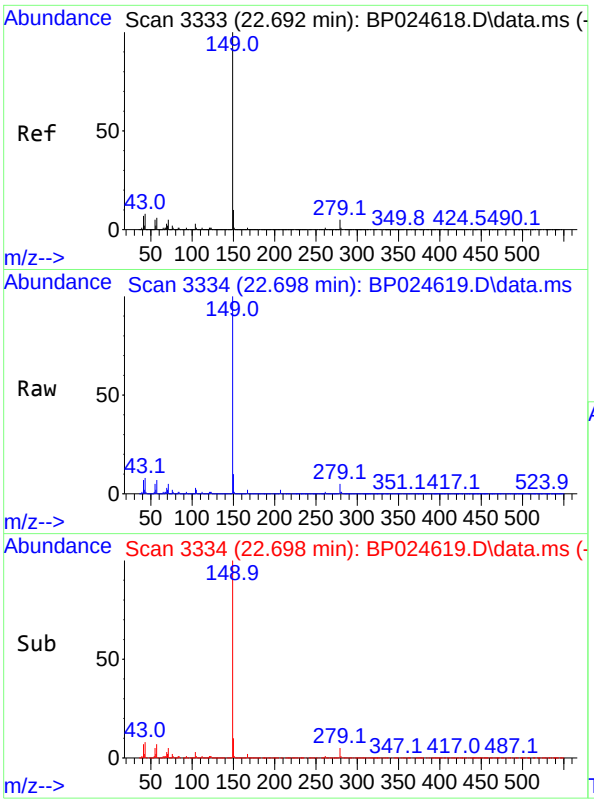


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.42 ng
RT: 21.451 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



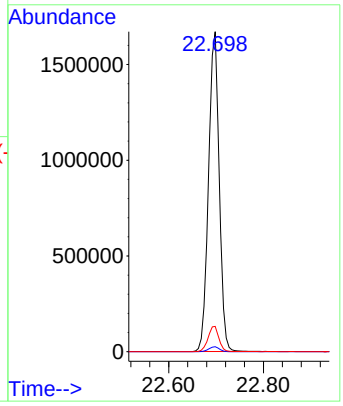


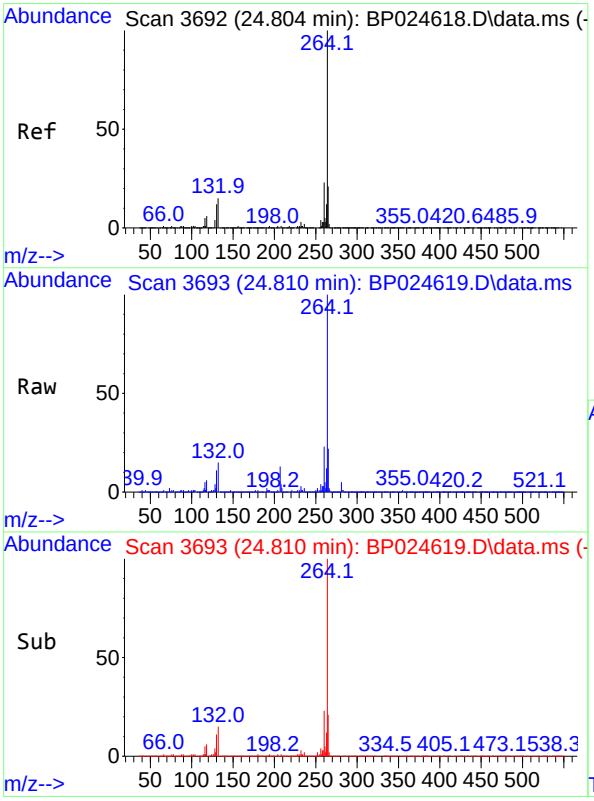
#85
Di-n-octyl phthalate
Concen: 56.91 ng
RT: 22.698 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

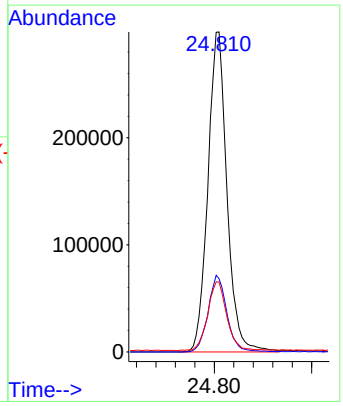


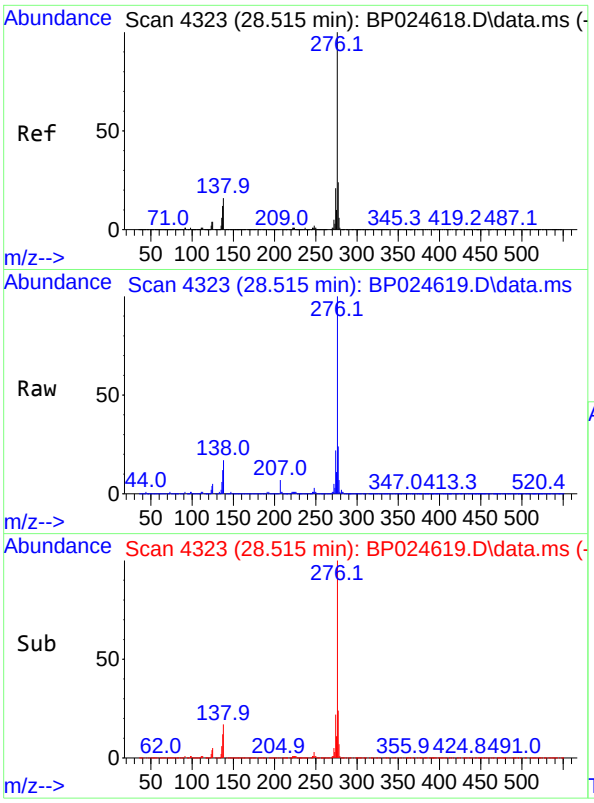


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



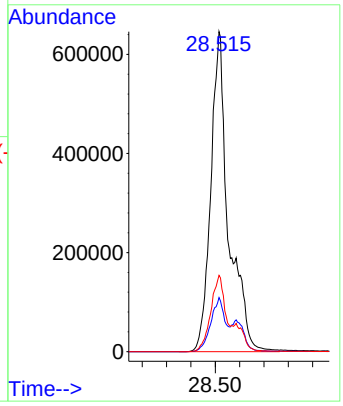


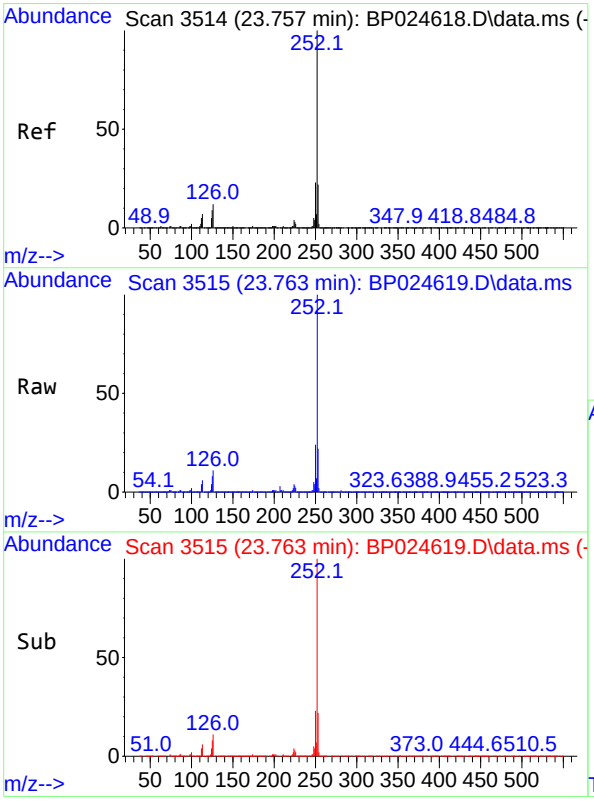
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.06 ng
RT: 28.515 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

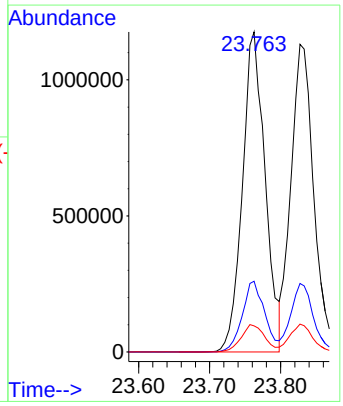


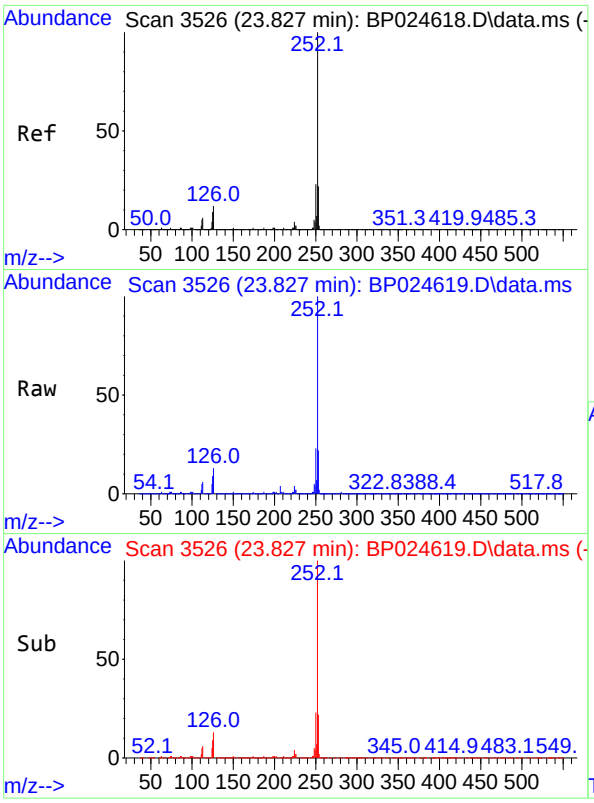


#88
Benzo(b)fluoranthene
Concen: 56.25 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



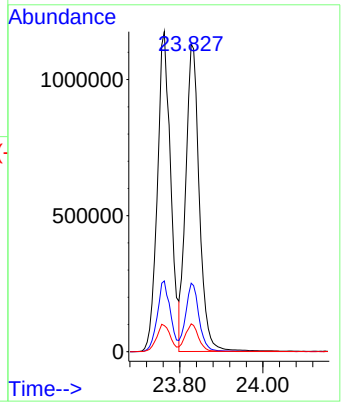


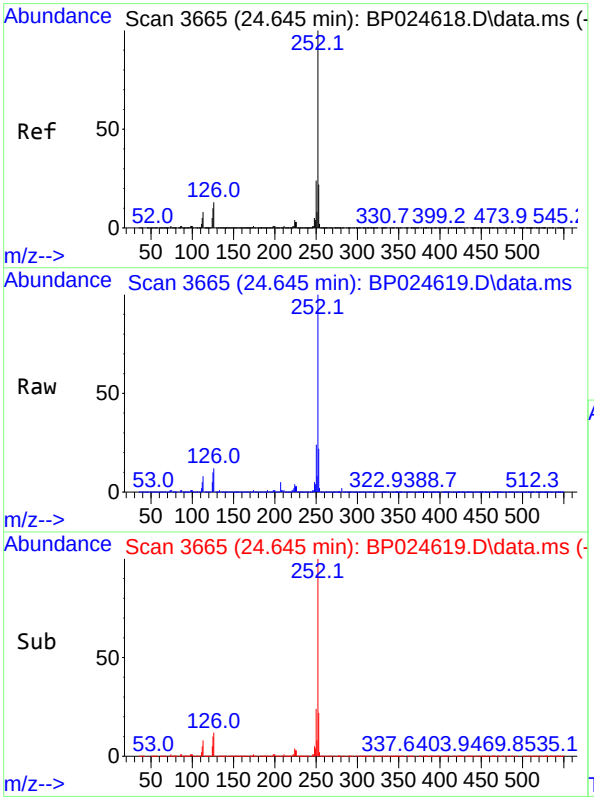
#89
Benzo(k)fluoranthene
Concen: 53.34 ng
RT: 23.827 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

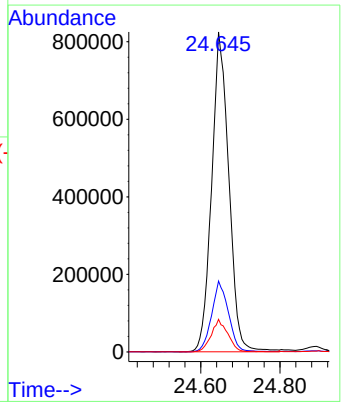


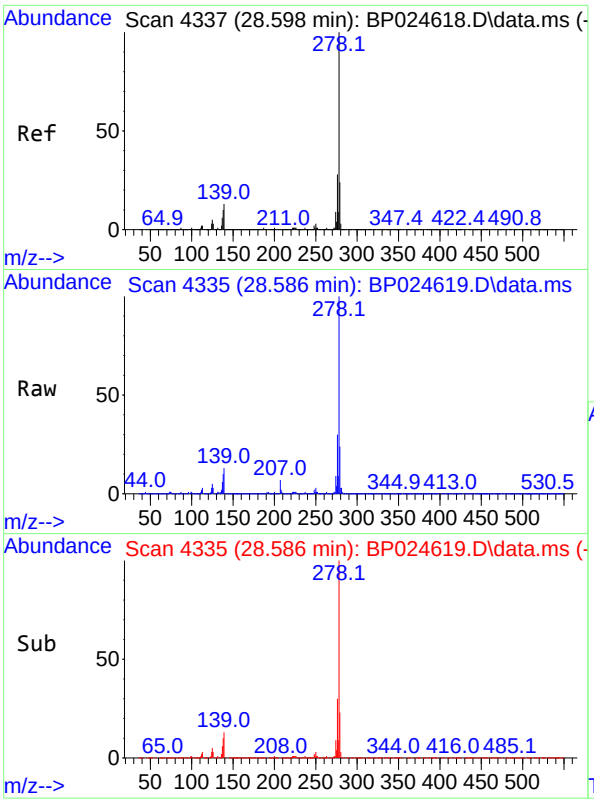


#90
Benzo(a)pyrene
Concen: 55.51 ng
RT: 24.645 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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



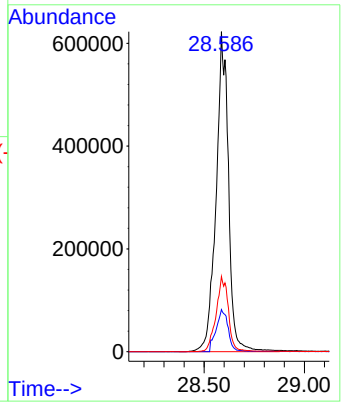


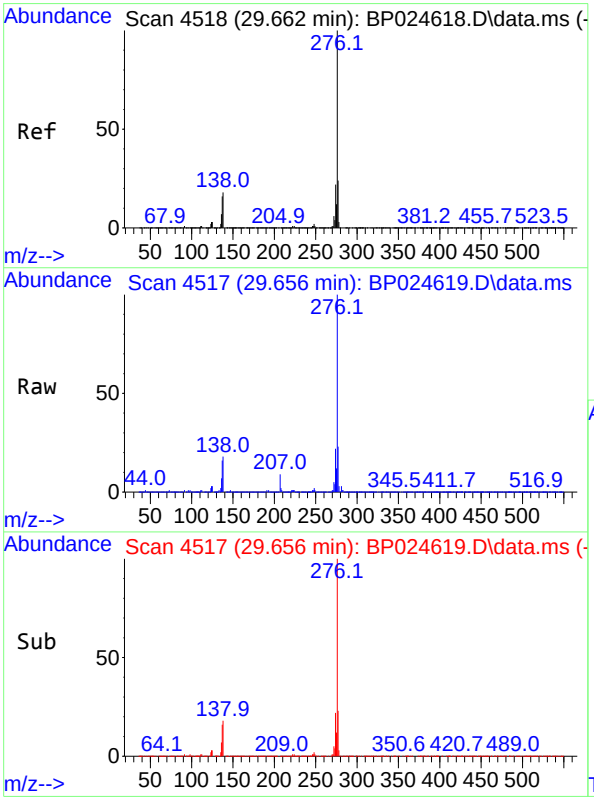
#91
Dibenzo(a,h)anthracene
Concen: 55.60 ng
RT: 28.586 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

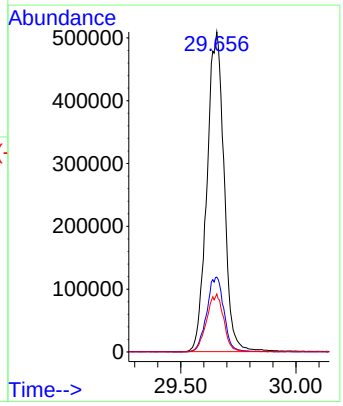




#92
Benzo(g,h,i)perylene
Concen: 54.79 ng
RT: 29.656 min Scan# 4517
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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

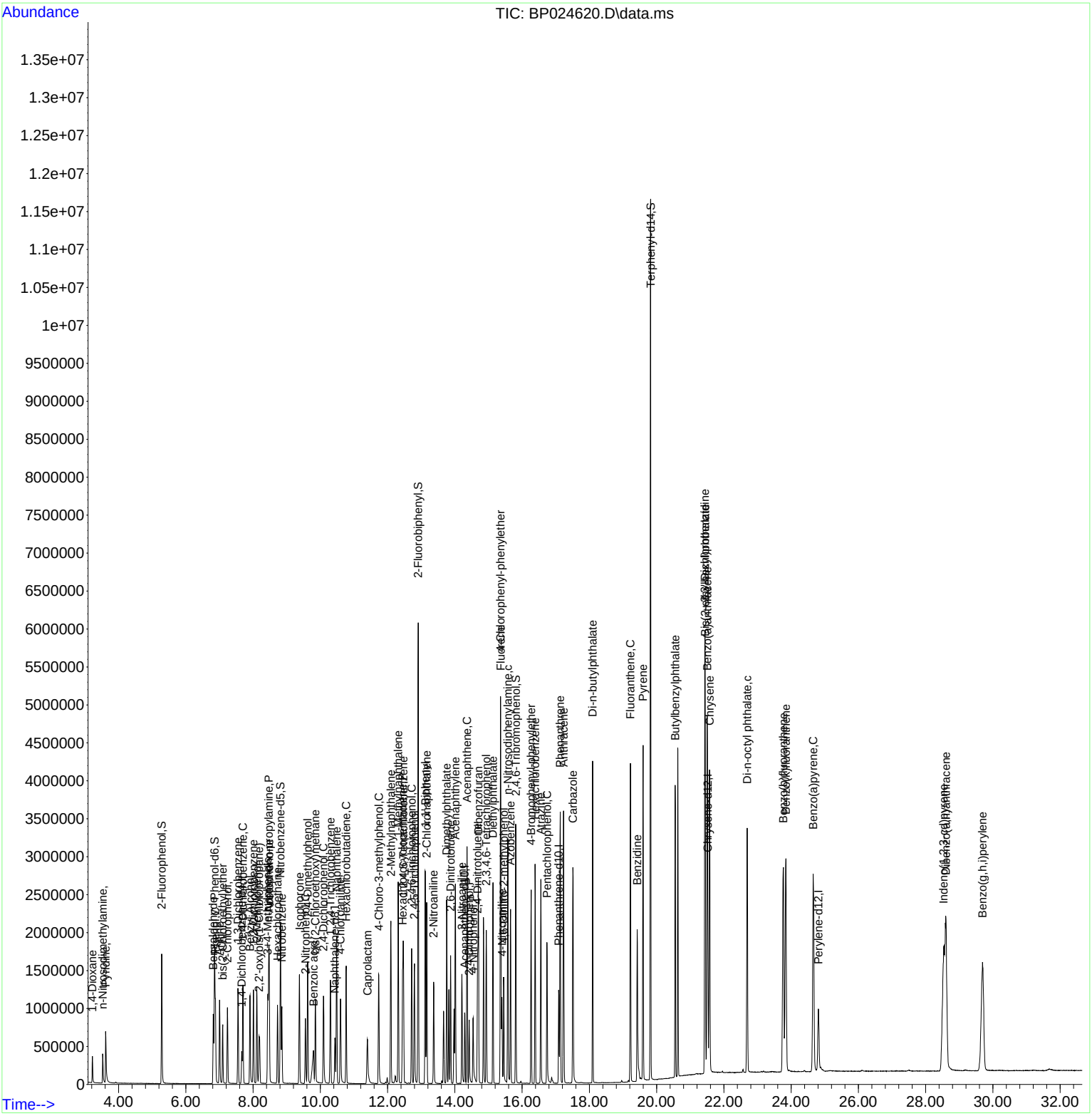
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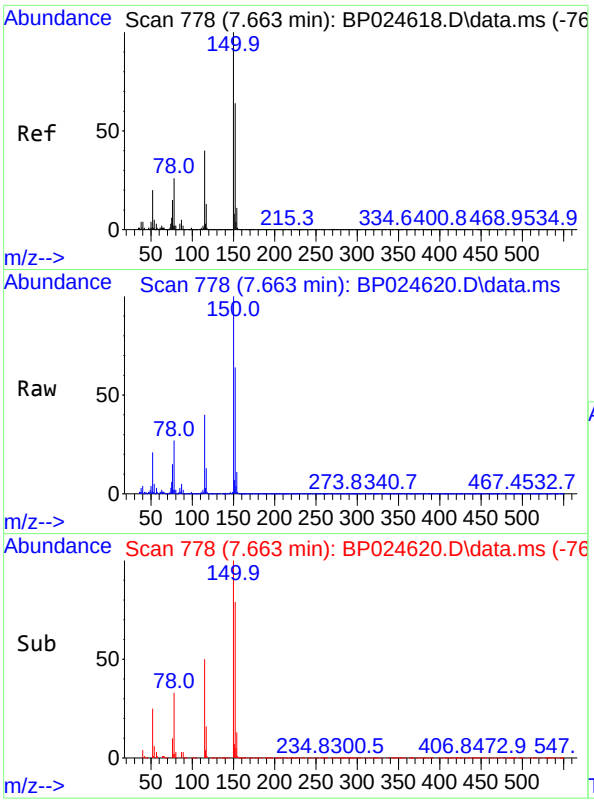
ICAL Form

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



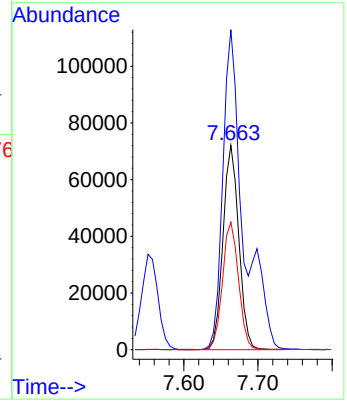


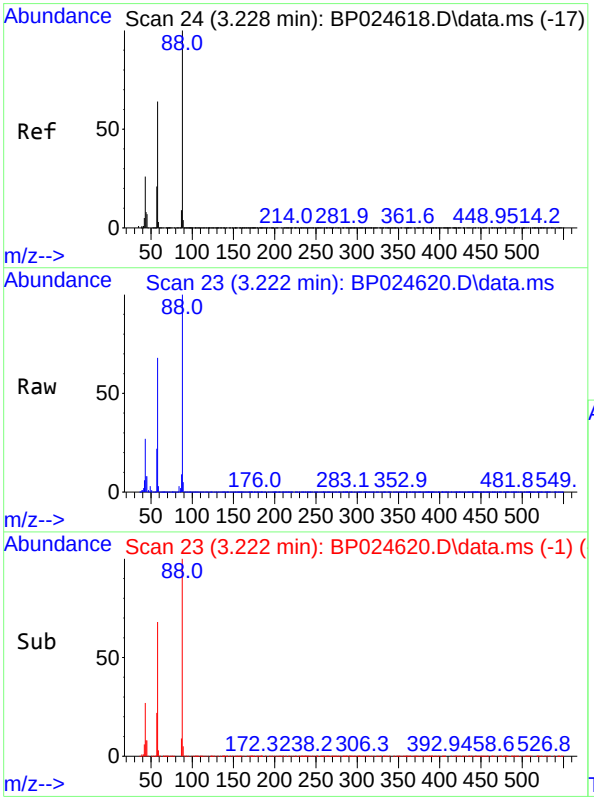
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

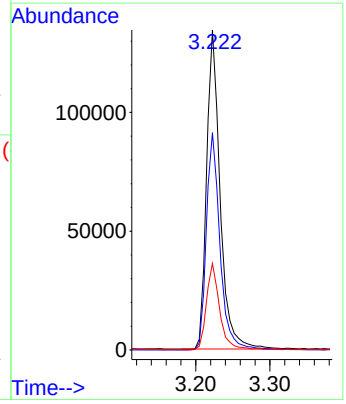


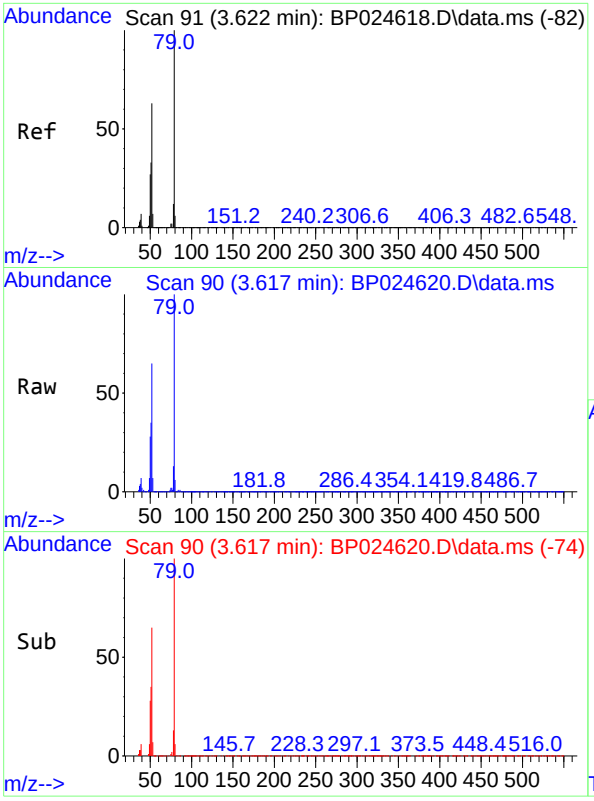


#2
1,4-Dioxane
Concen: 57.95 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



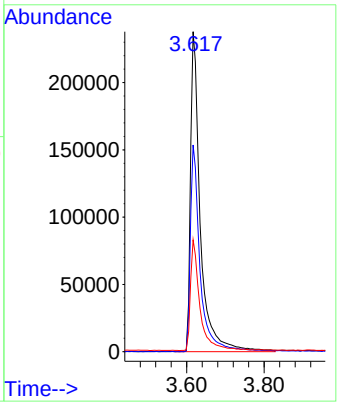


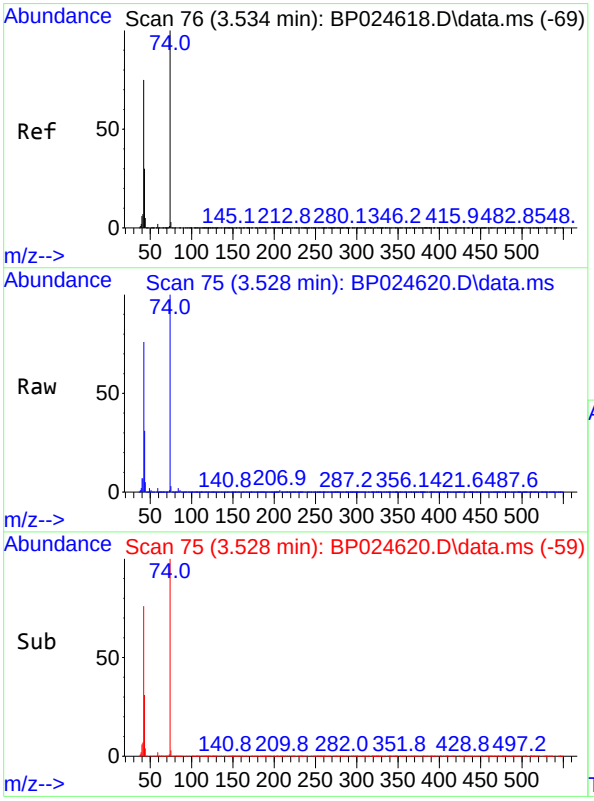
#3
Pyridine
Concen: 64.42 ng
RT: 3.617 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

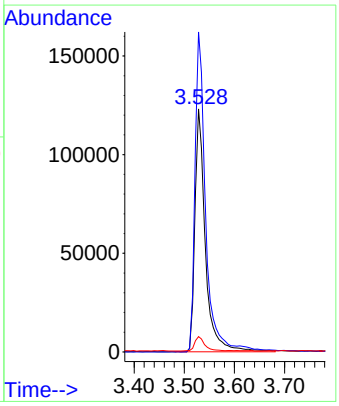


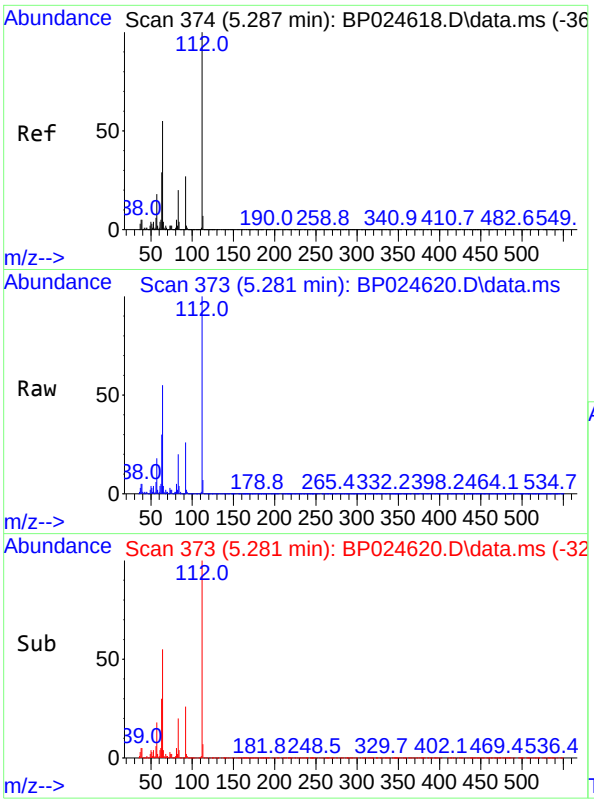


#4
n-Nitrosodimethylamine
Concen: 62.22 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



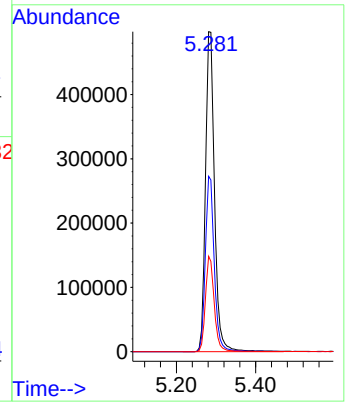


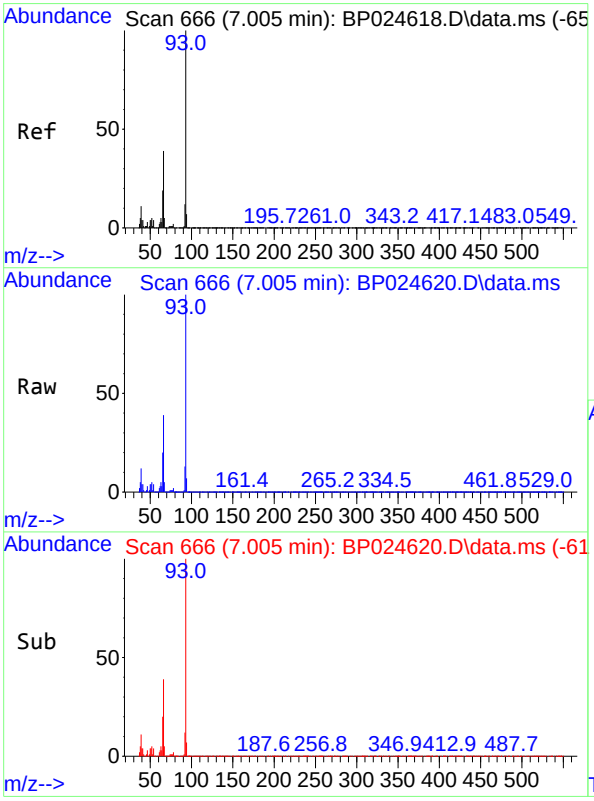
#5
2-Fluorophenol
Concen: 125.47 ng
RT: 5.281 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

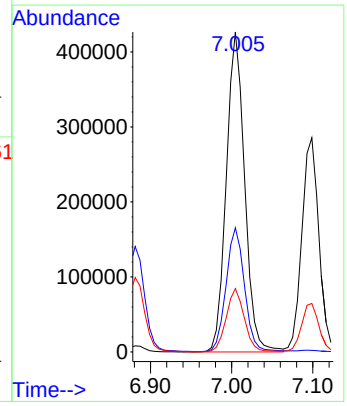


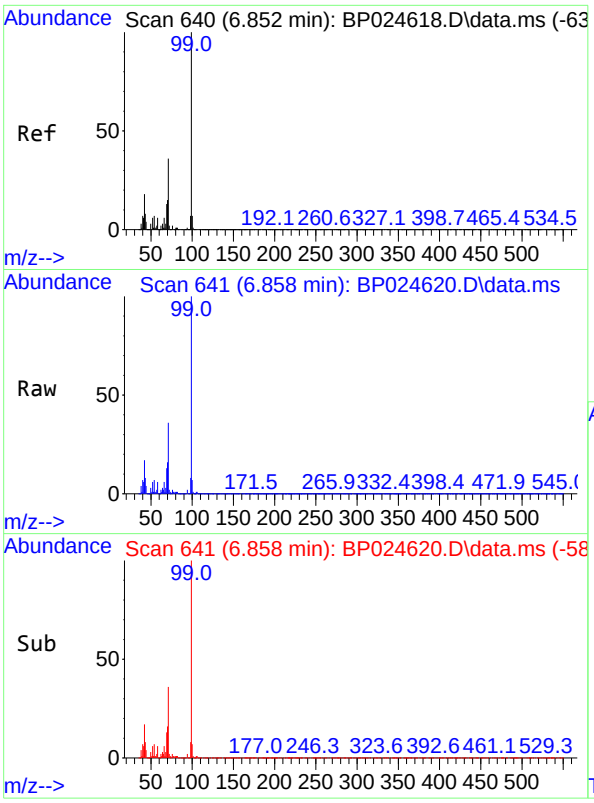


#6
Aniline
Concen: 65.10 ng
RT: 7.005 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



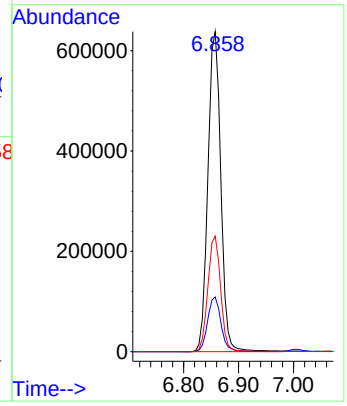


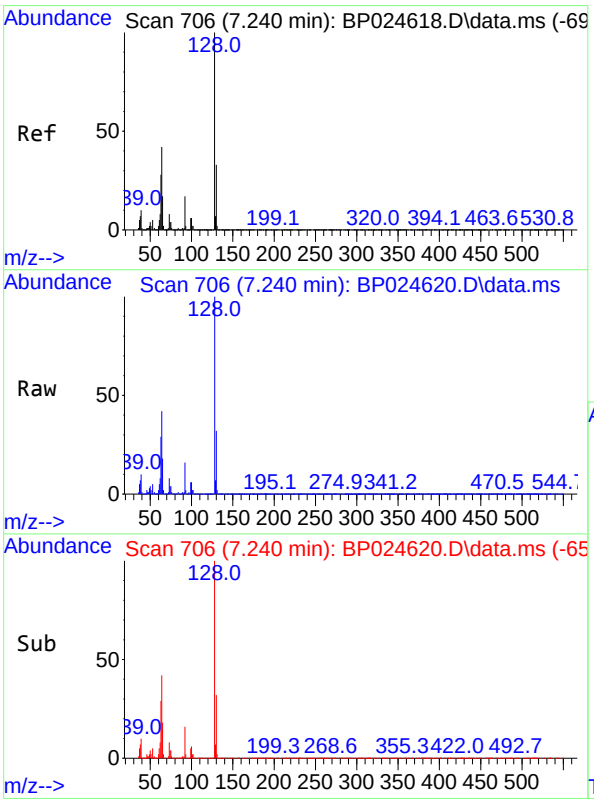
#7
Phenol-d6
Concen: 130.26 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

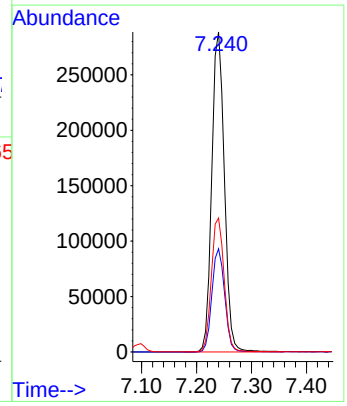


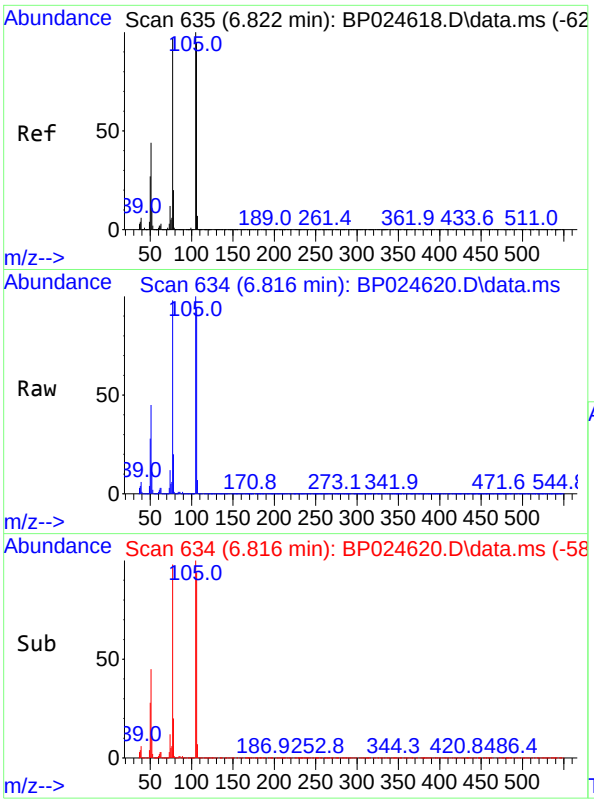


#8
2-Chlorophenol
Concen: 64.79 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



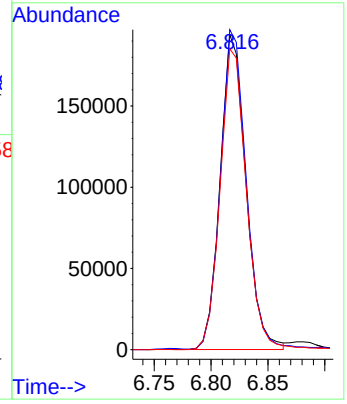


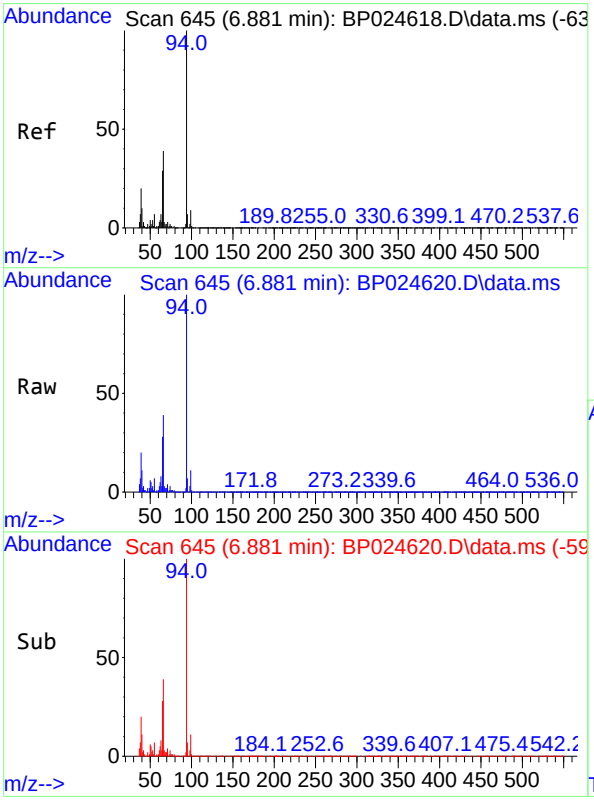
#9
Benzaldehyde
Concen: 59.33 ng
RT: 6.816 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

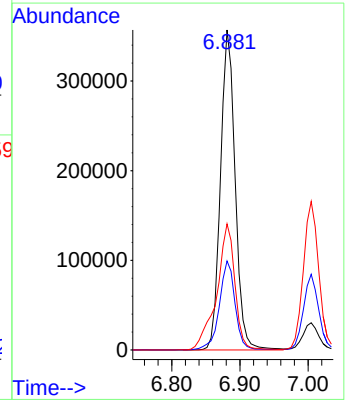


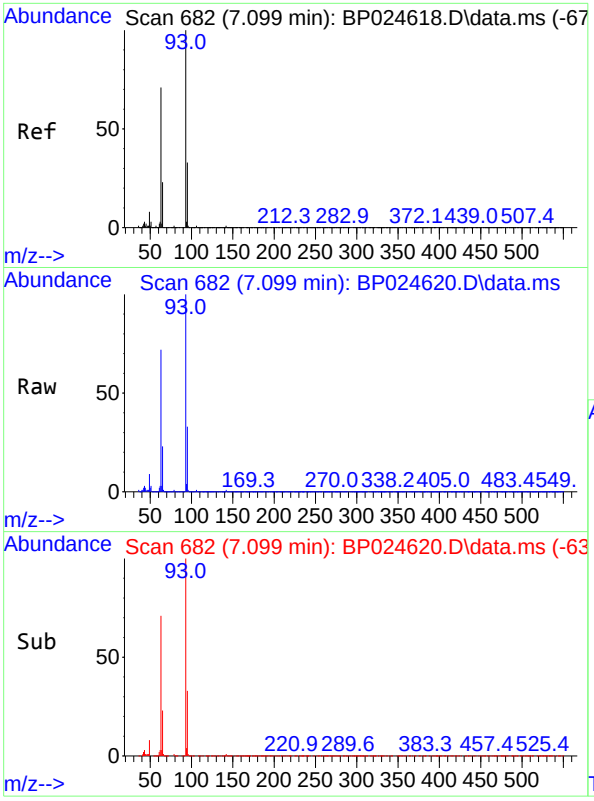


#10
Phenol
Concen: 65.04 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



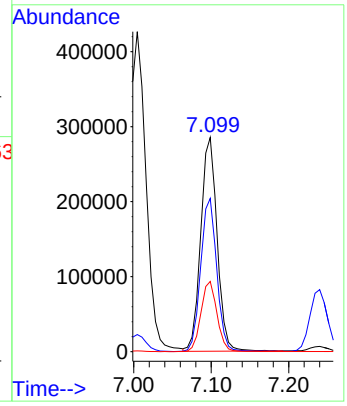


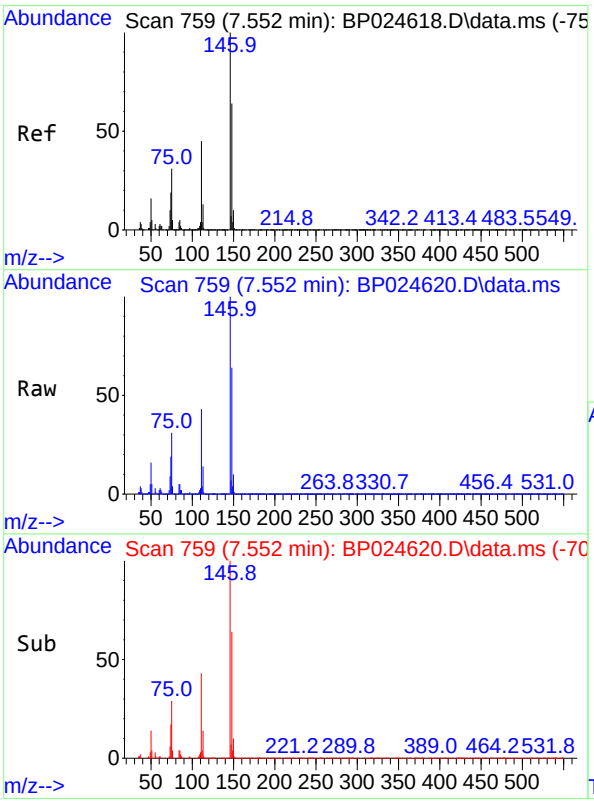
#11
bis(2-Chloroethyl)ether
Concen: 61.60 ng
RT: 7.099 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

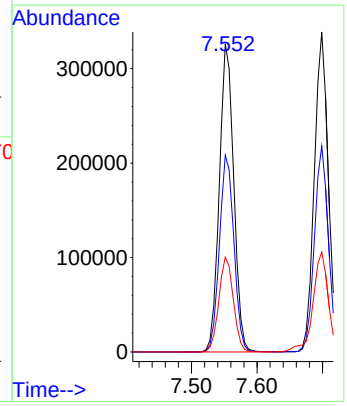


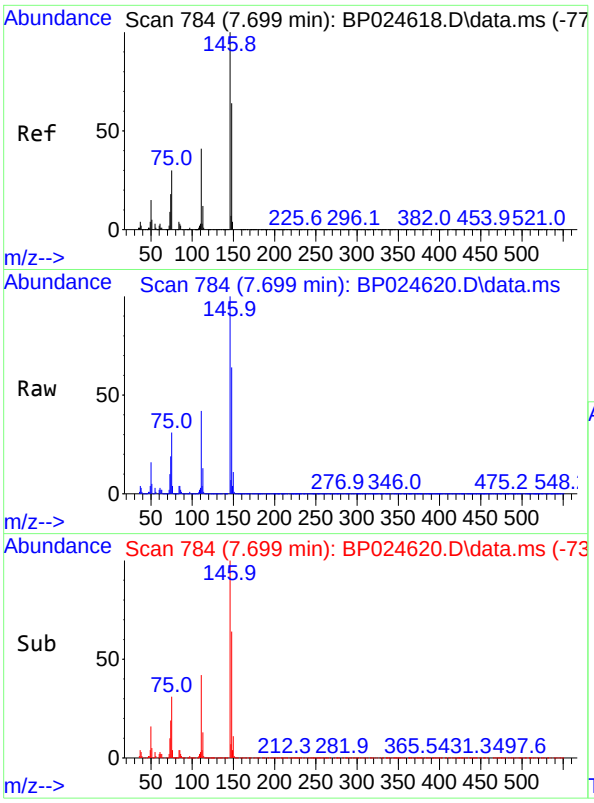


#12
1,3-Dichlorobenzene
Concen: 60.75 ng
RT: 7.552 min Scan# 759
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



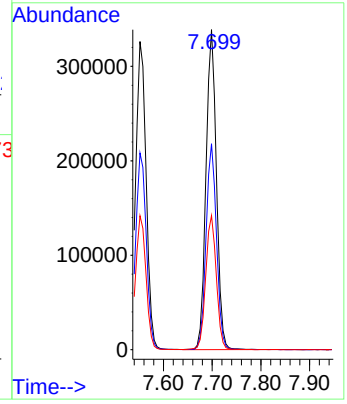


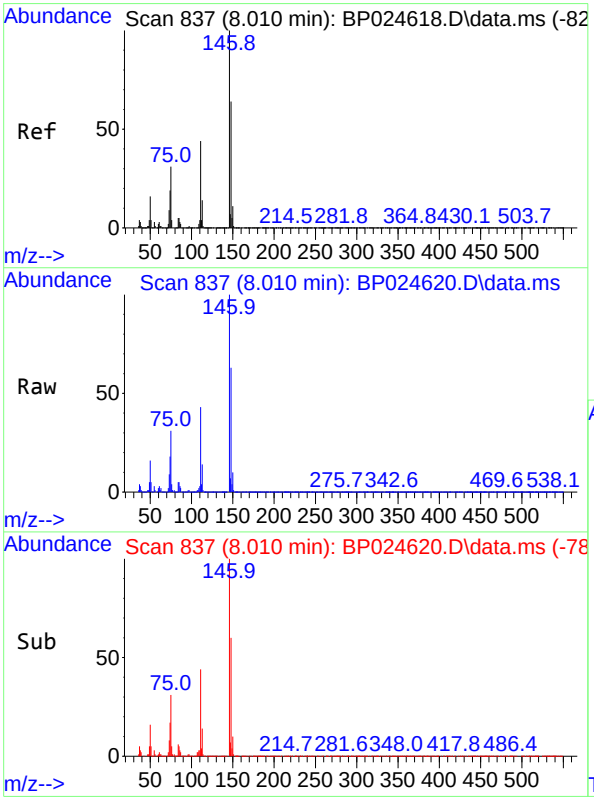
#13
1,4-Dichlorobenzene
Concen: 61.20 ng
RT: 7.699 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

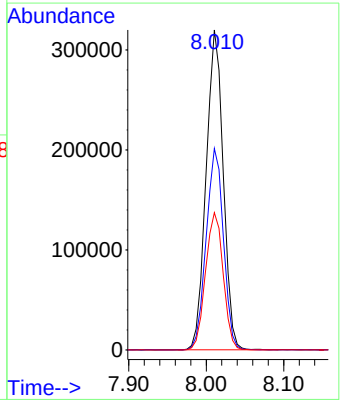


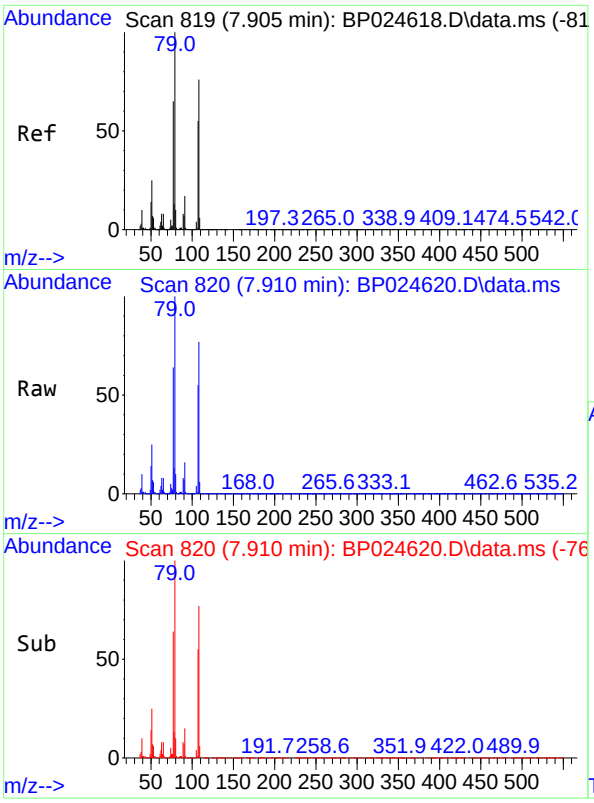


#14
1,2-Dichlorobenzene
Concen: 61.27 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



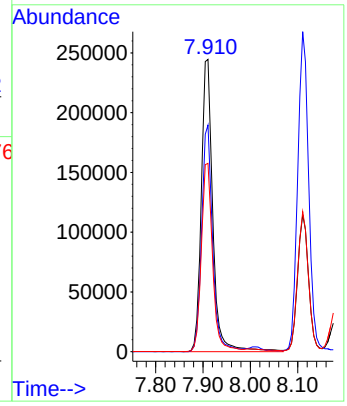


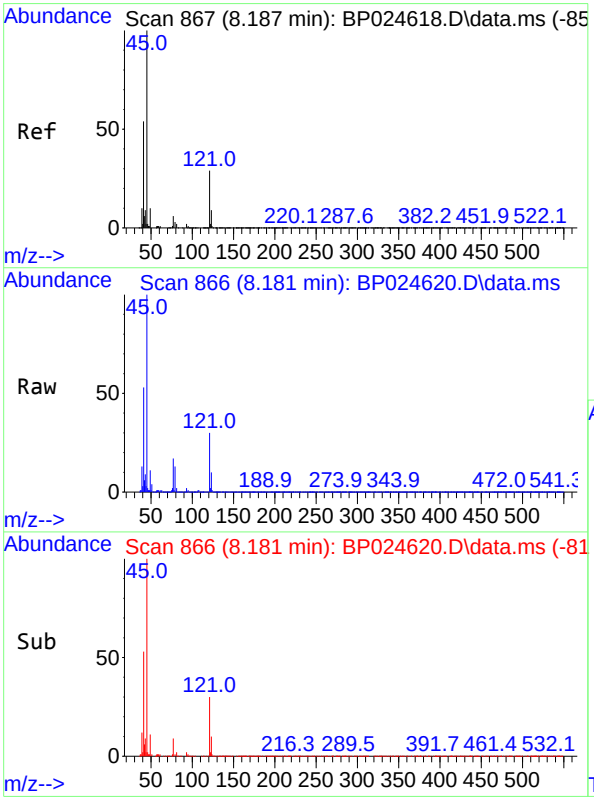
#15
Benzyl Alcohol
Concen: 68.12 ng
RT: 7.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

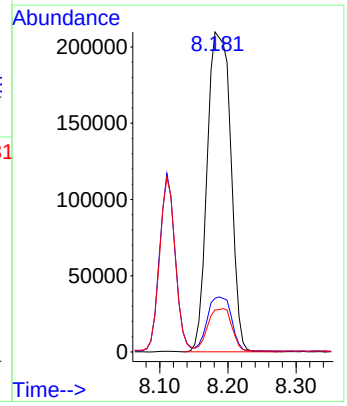


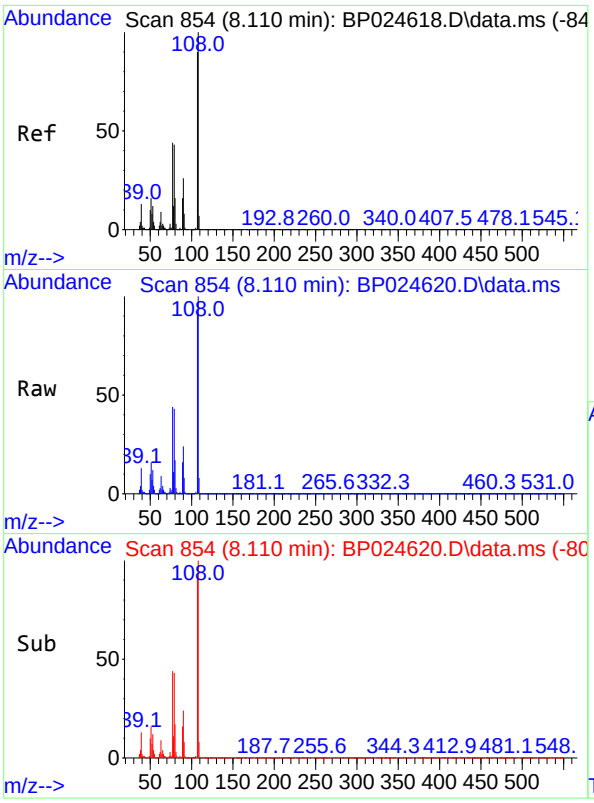


#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.93 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



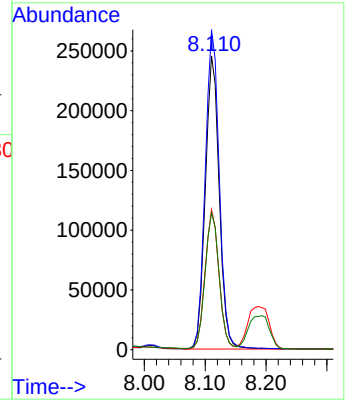


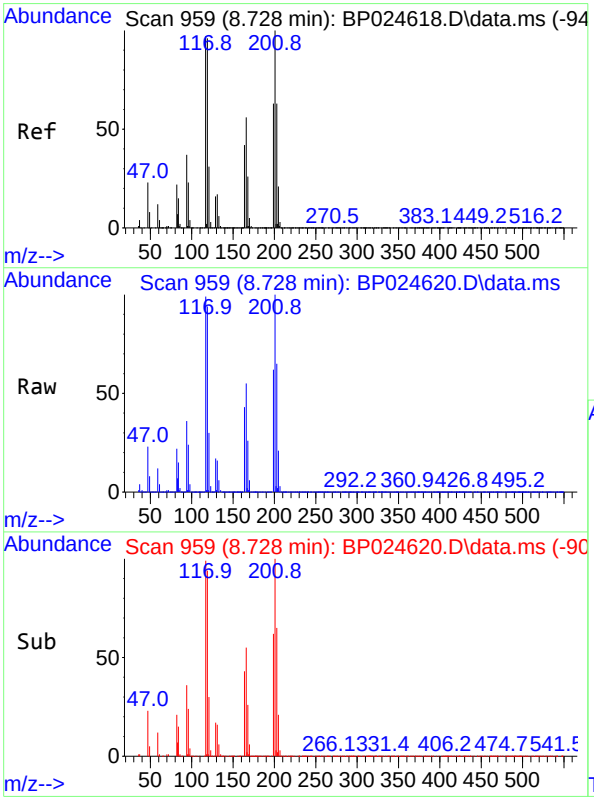
#17
2-Methylphenol
Concen: 65.89 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

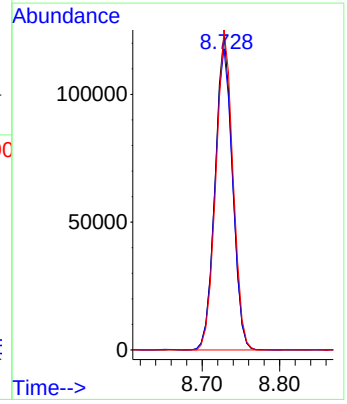


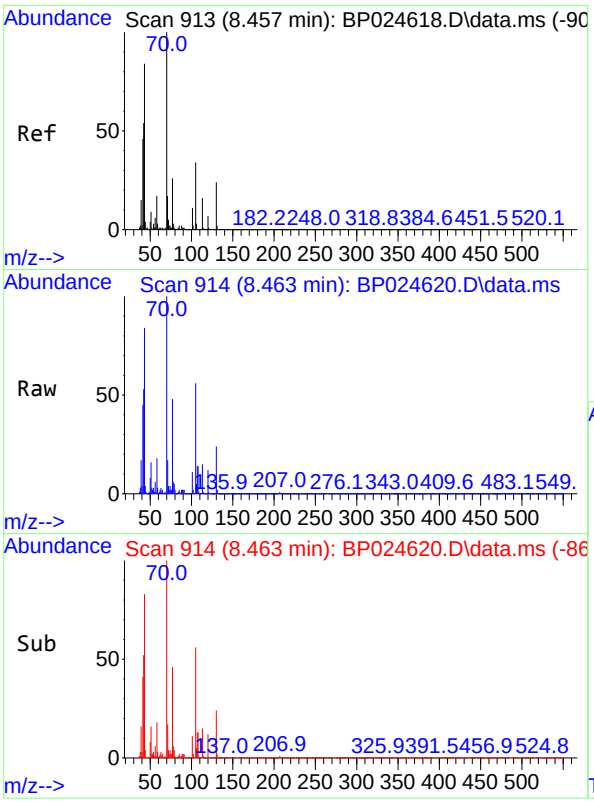


#18
Hexachloroethane
Concen: 60.85 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



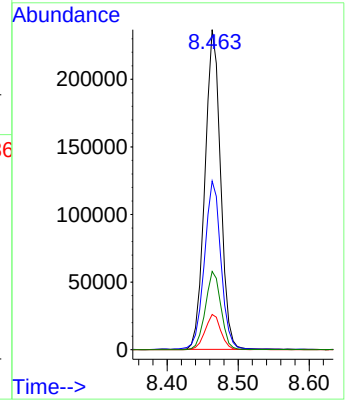


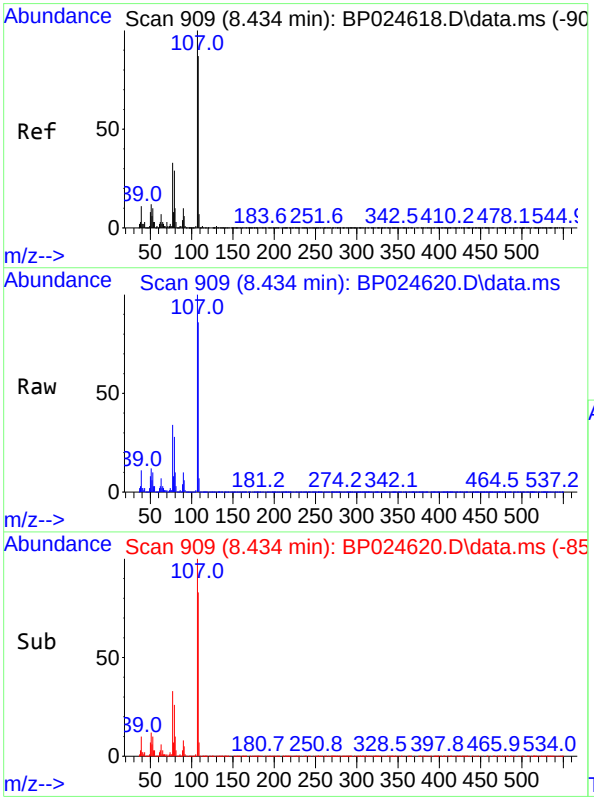
#19
n-Nitroso-di-n-propylamine
Concen: 65.76 ng
RT: 8.463 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

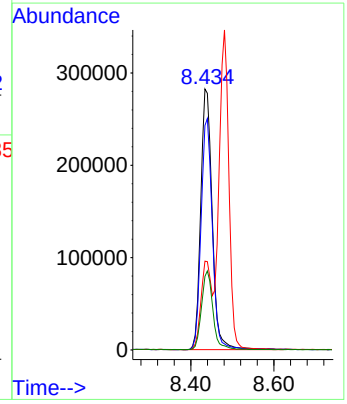


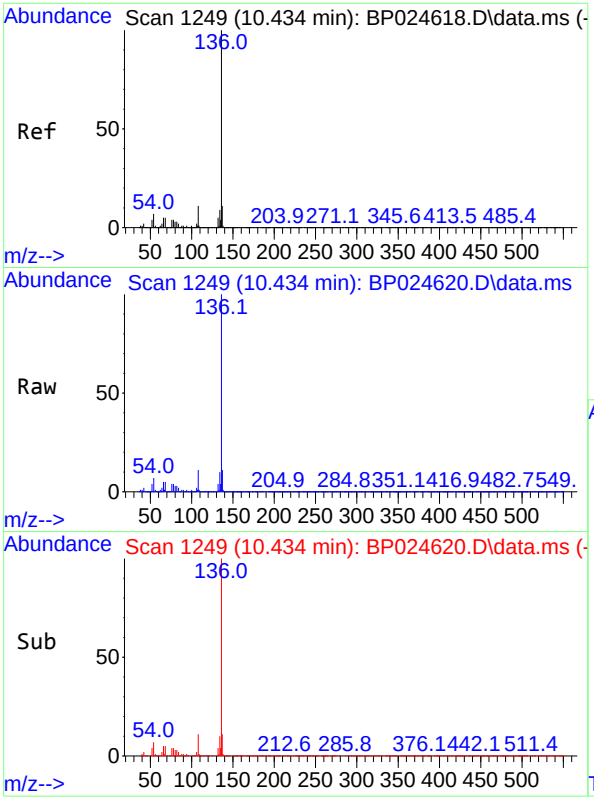


#20
3+4-Methylphenols
Concen: 67.57 ng
RT: 8.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



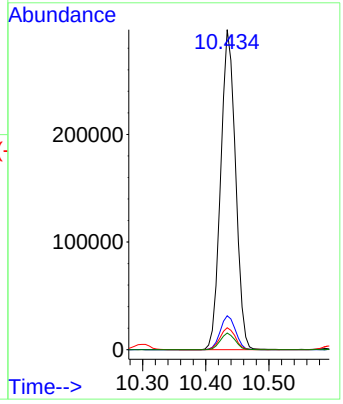


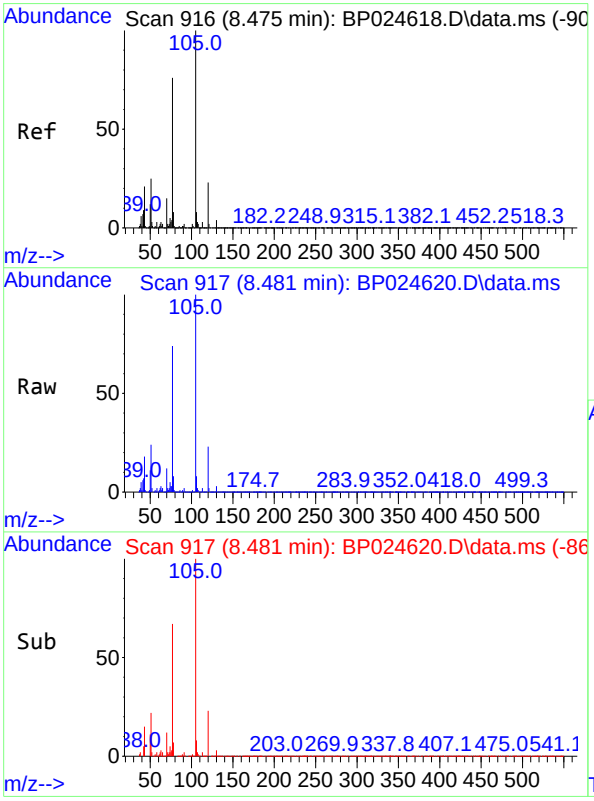
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

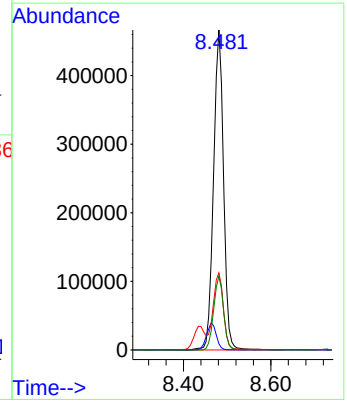


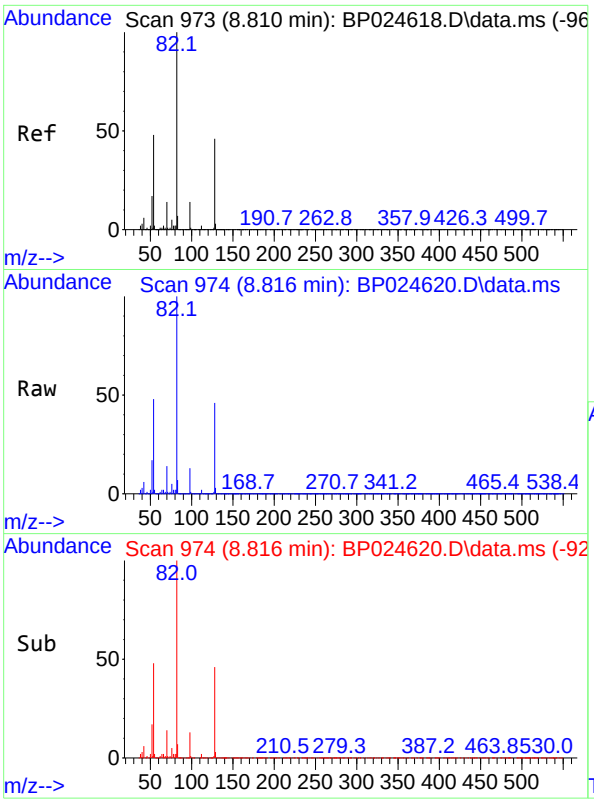


#22
Acetophenone
Concen: 61.45 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



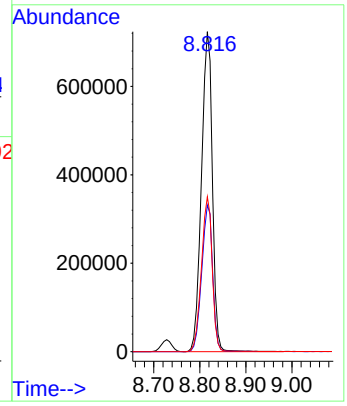


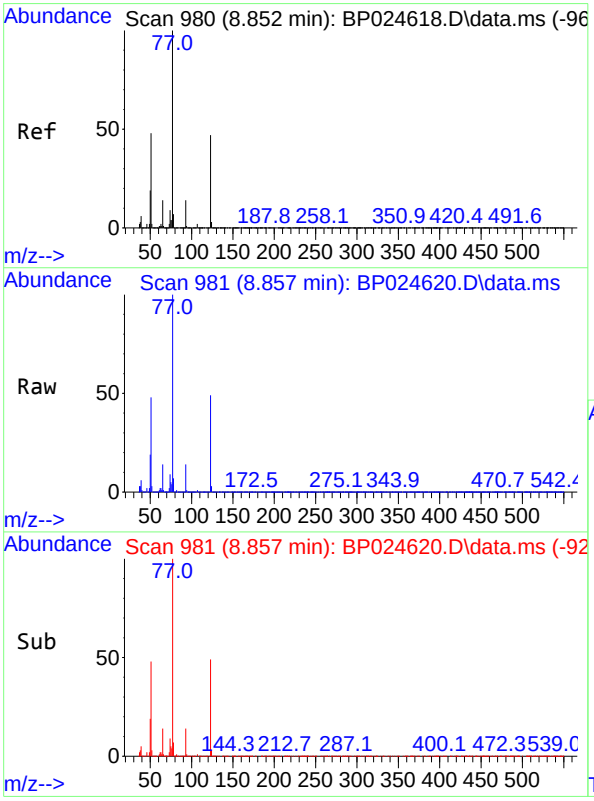
#23
Nitrobenzene-d5
Concen: 123.80 ng
RT: 8.816 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

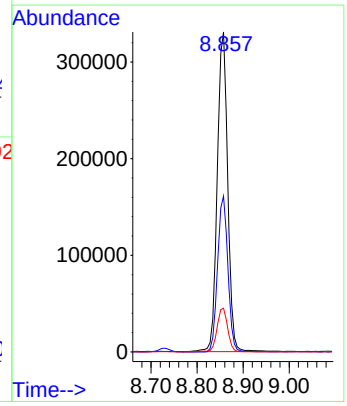


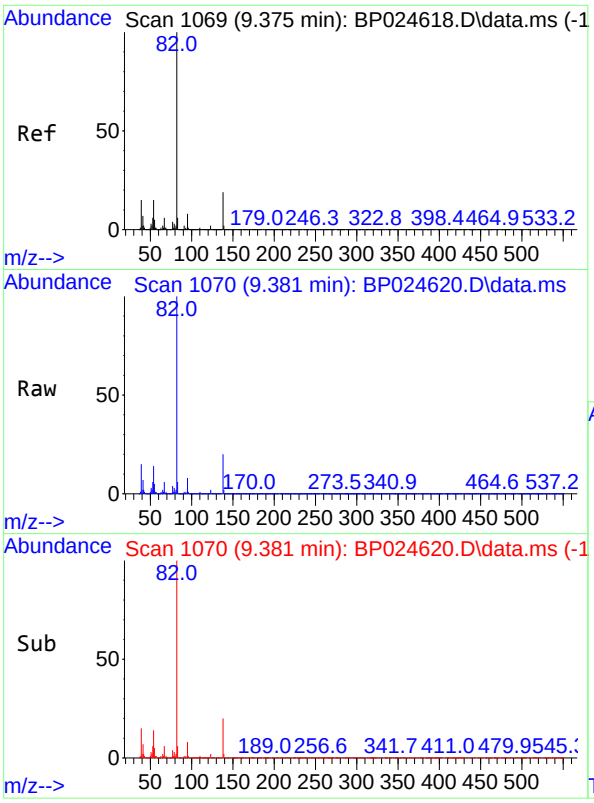


#24
Nitrobenzene
Concen: 61.34 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



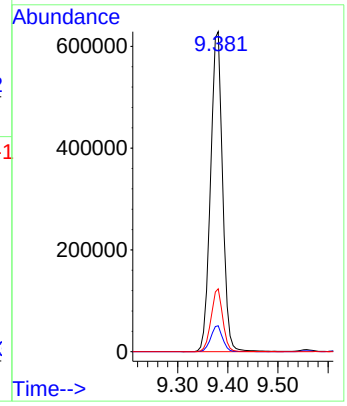


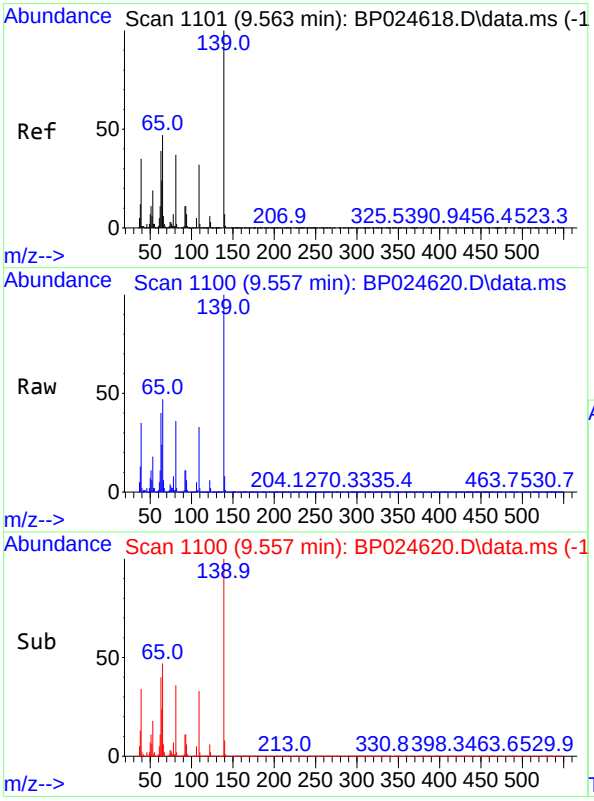
#25
Isophorone
Concen: 62.98 ng
RT: 9.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

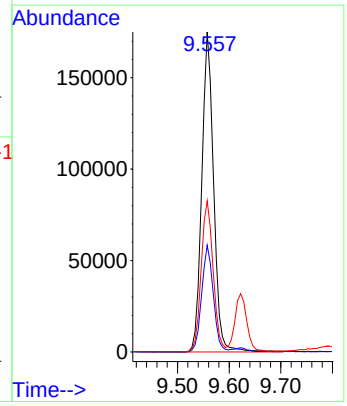


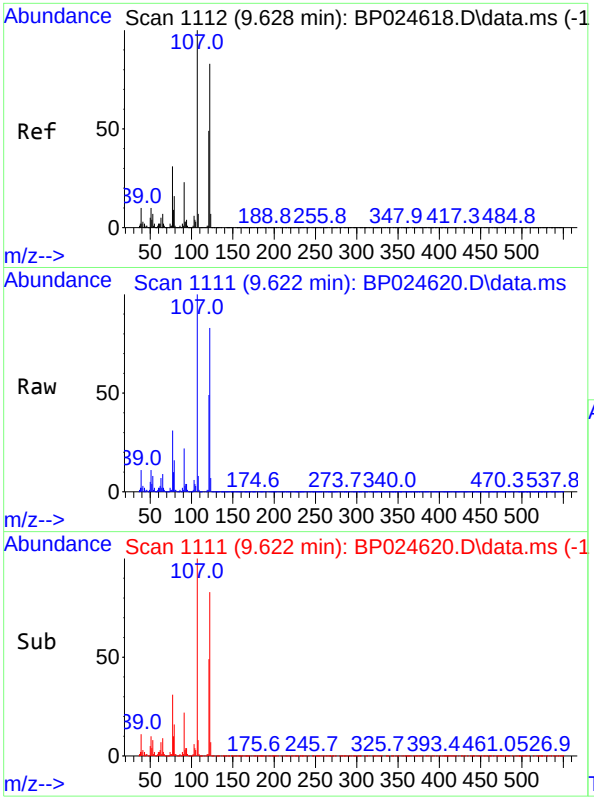


#26
2-Nitrophenol
Concen: 67.36 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



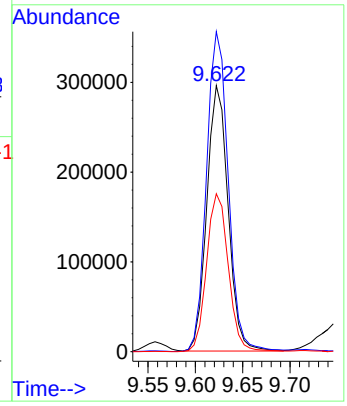


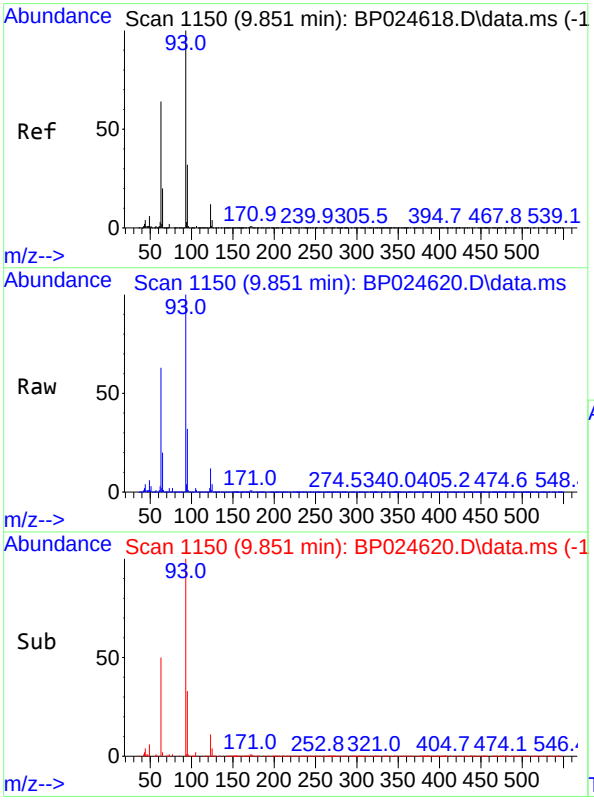
#27
2,4-Dimethylphenol
Concen: 63.34 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

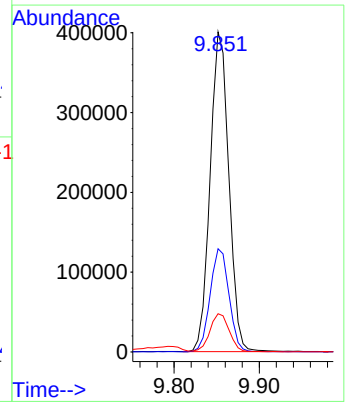


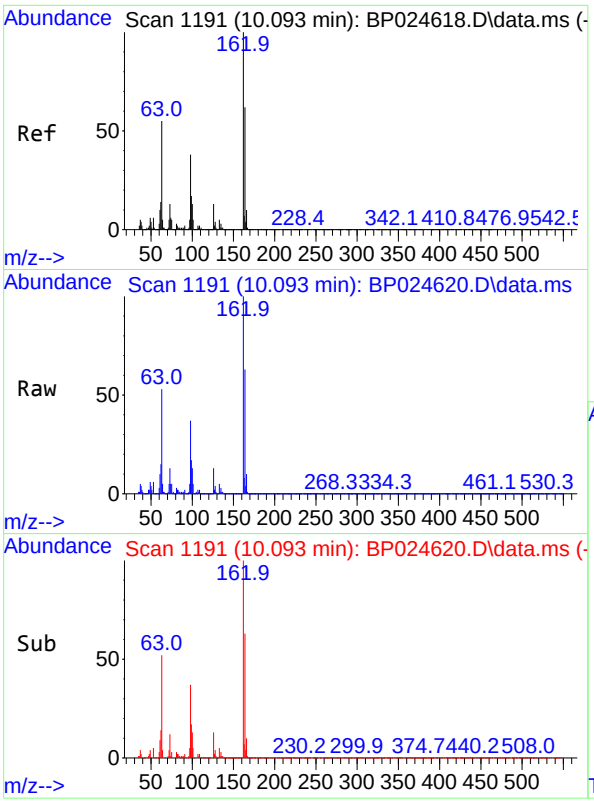


#28
bis(2-Chloroethoxy)methane
Concen: 61.35 ng
RT: 9.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



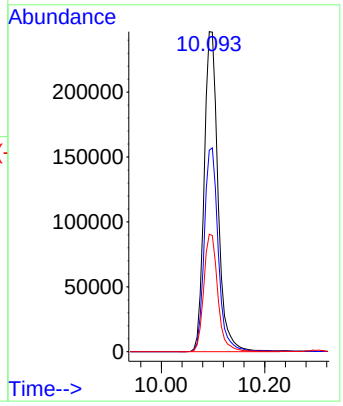


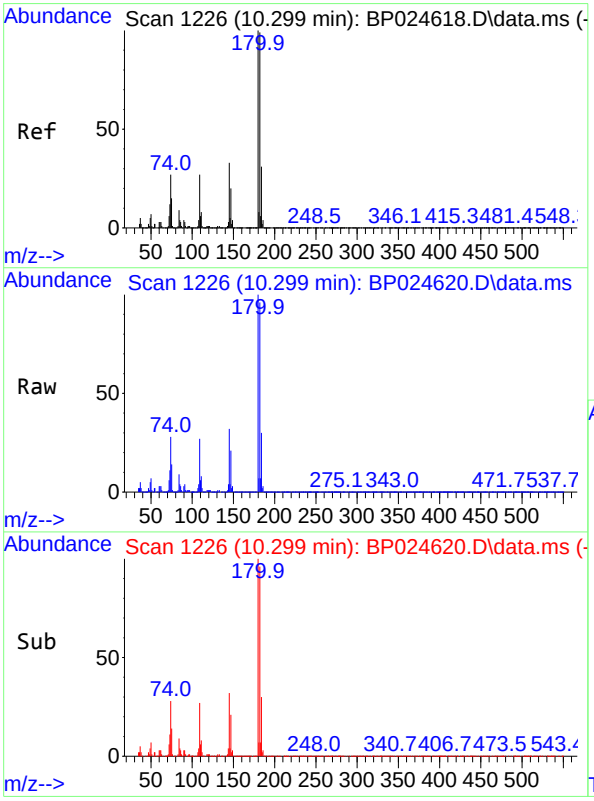
#29
2,4-Dichlorophenol
Concen: 65.03 ng
RT: 10.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

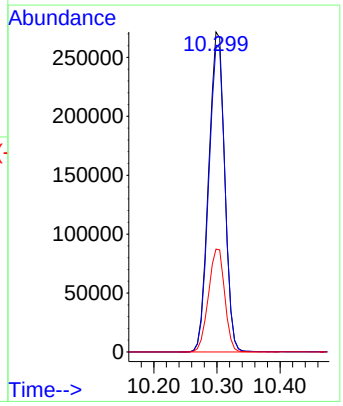


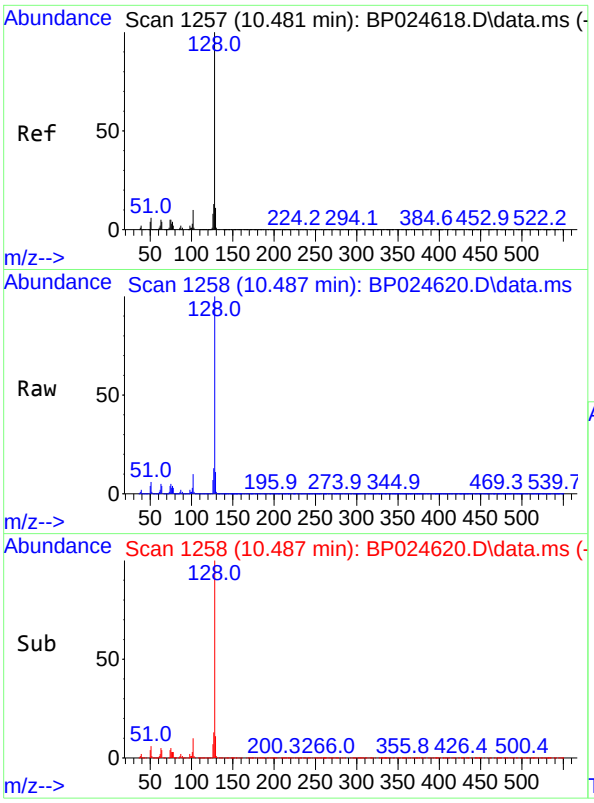


#30
1,2,4-Trichlorobenzene
Concen: 60.05 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



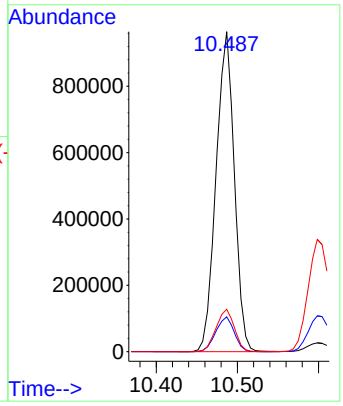


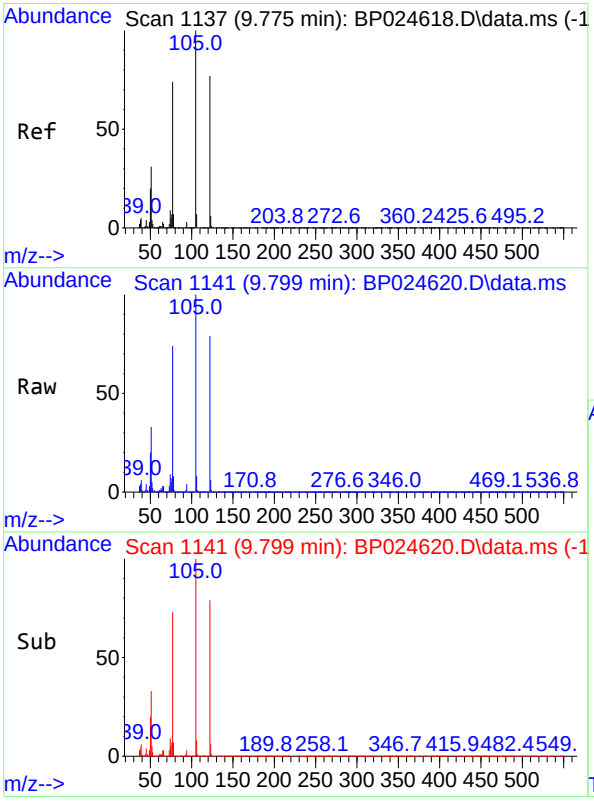
#31
Naphthalene
Concen: 60.03 ng
RT: 10.487 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

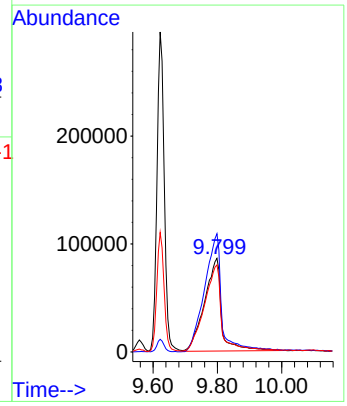


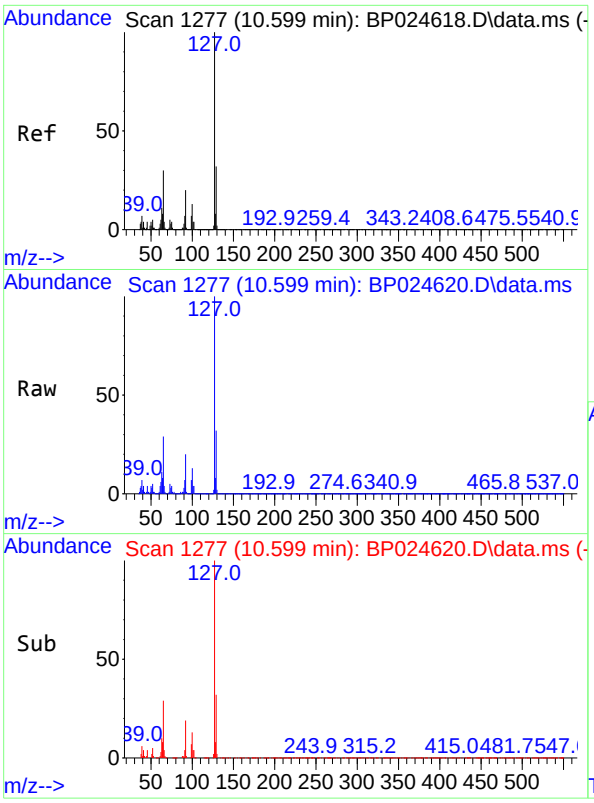


#32
Benzoic acid
Concen: 60.53 ng
RT: 9.799 min Scan# 1141
Delta R.T. 0.024 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



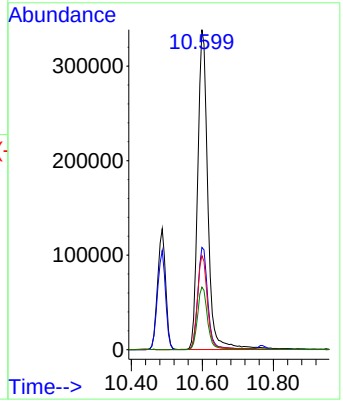


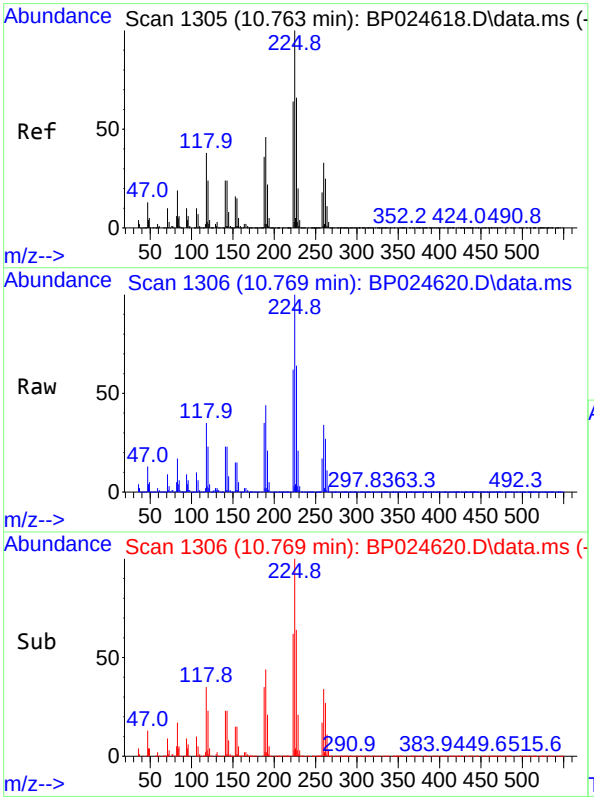
#33
4-Chloroaniline
Concen: 66.26 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

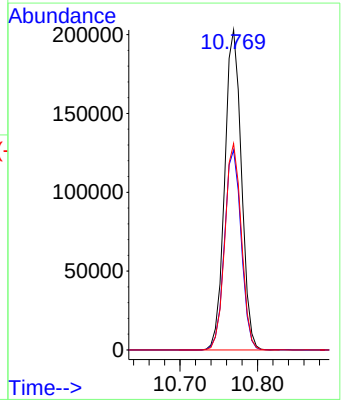


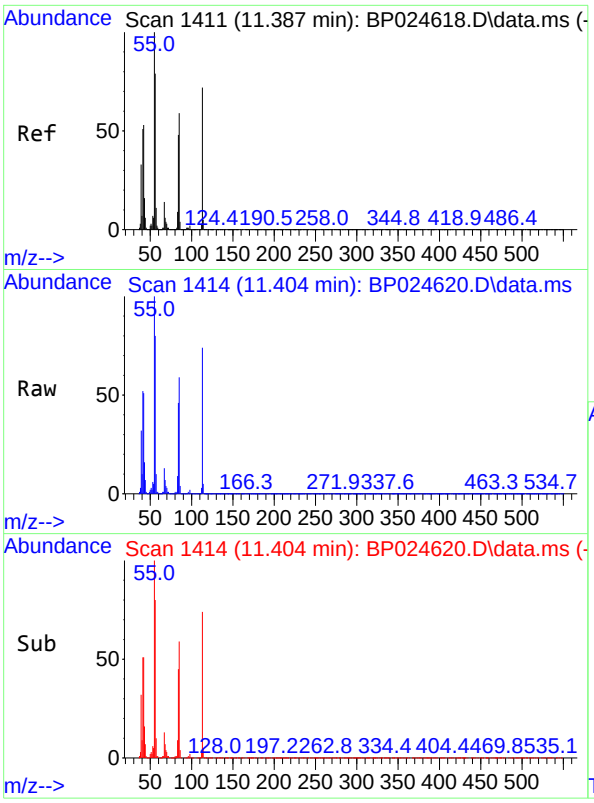


#34
Hexachlorobutadiene
Concen: 58.79 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



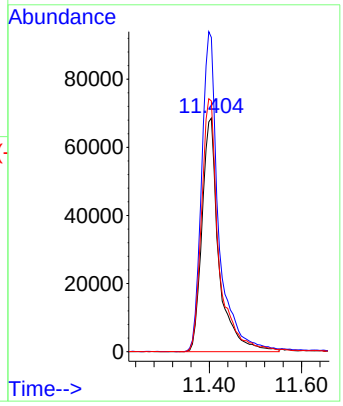


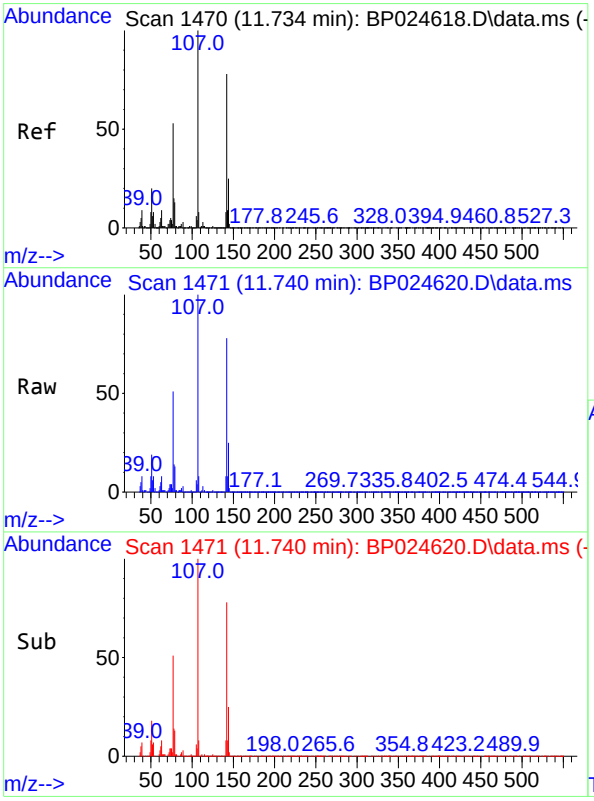
#35
Caprolactam
Concen: 68.70 ng
RT: 11.404 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

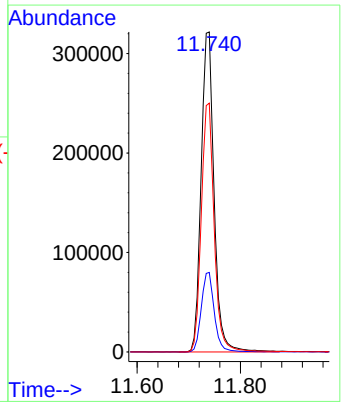


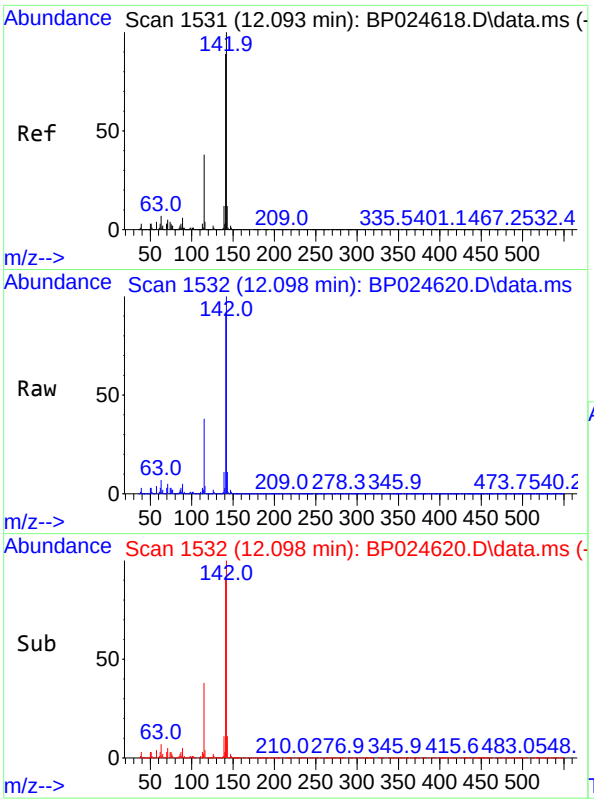


#36
4-Chloro-3-methylphenol
Concen: 64.84 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



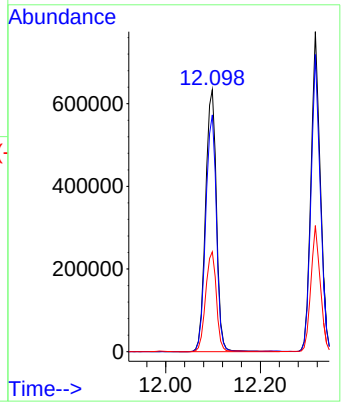


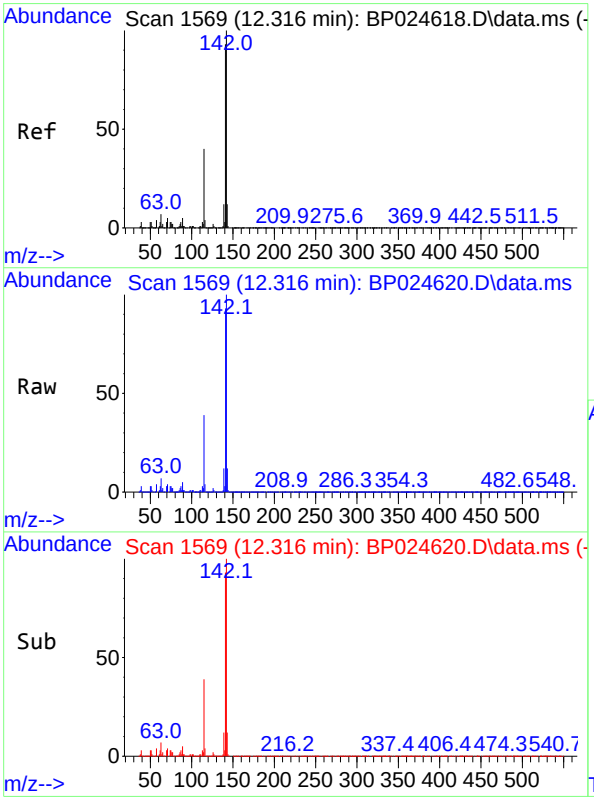
#37
2-Methylnaphthalene
Concen: 61.96 ng
RT: 12.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

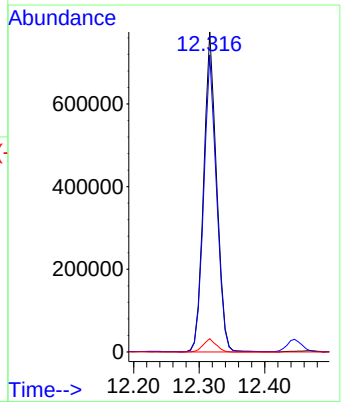


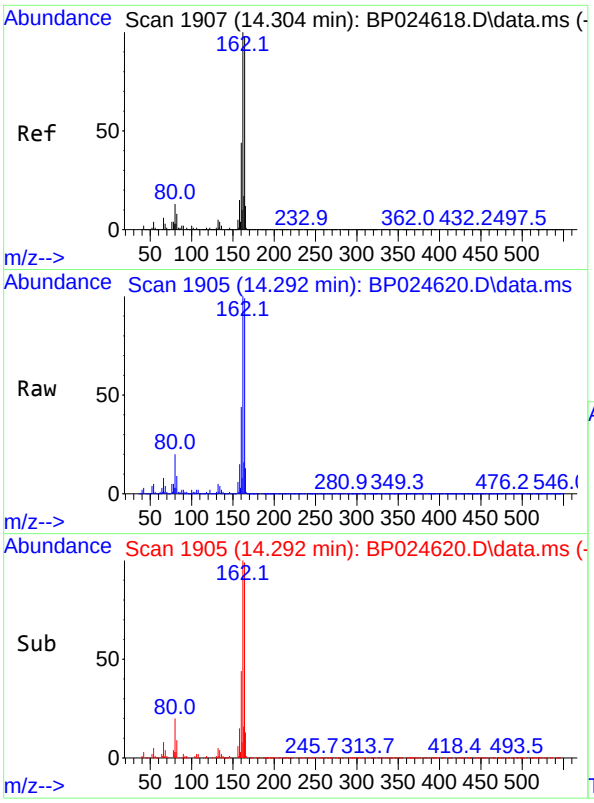


#38
1-Methylnaphthalene
Concen: 61.25 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



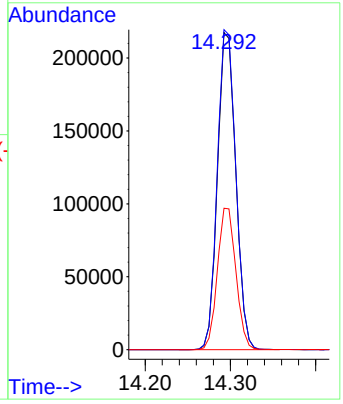


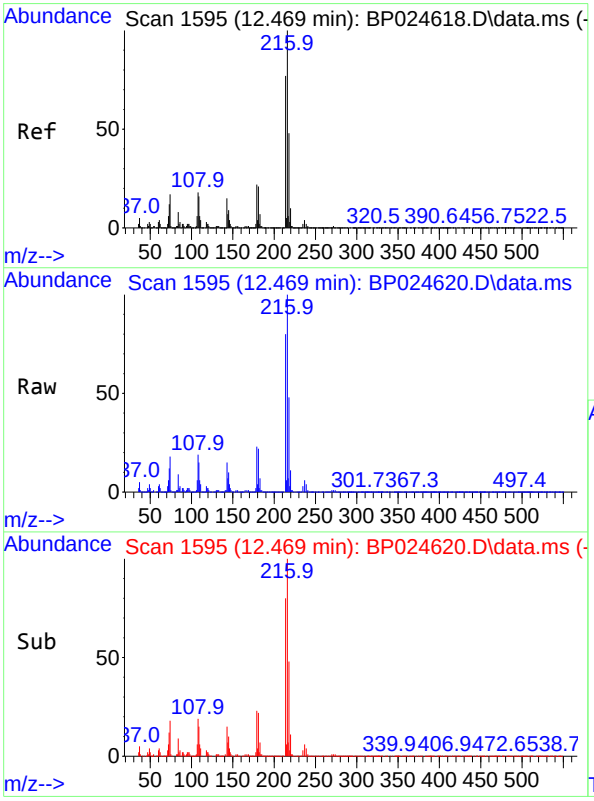
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

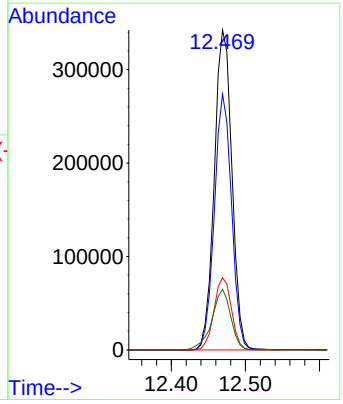


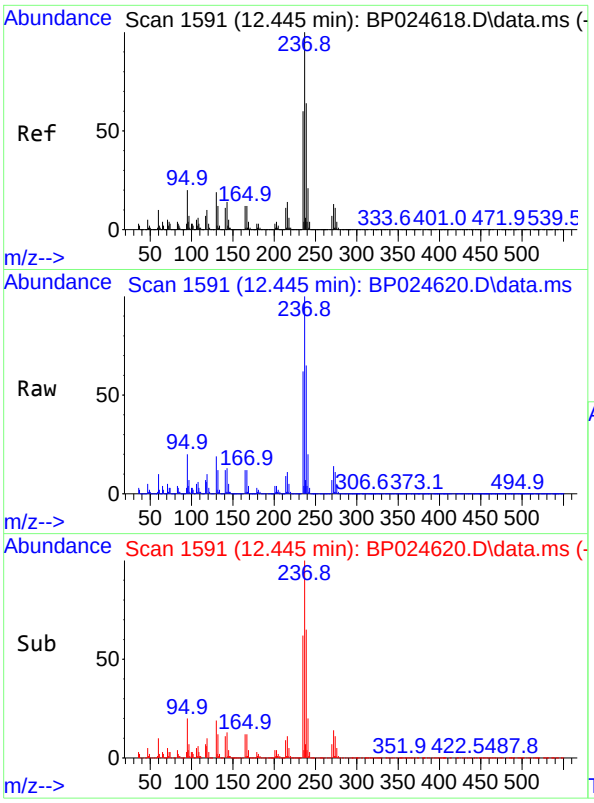


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.97 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



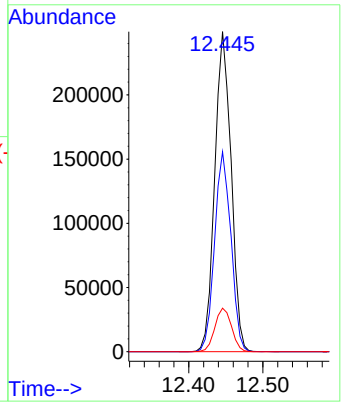


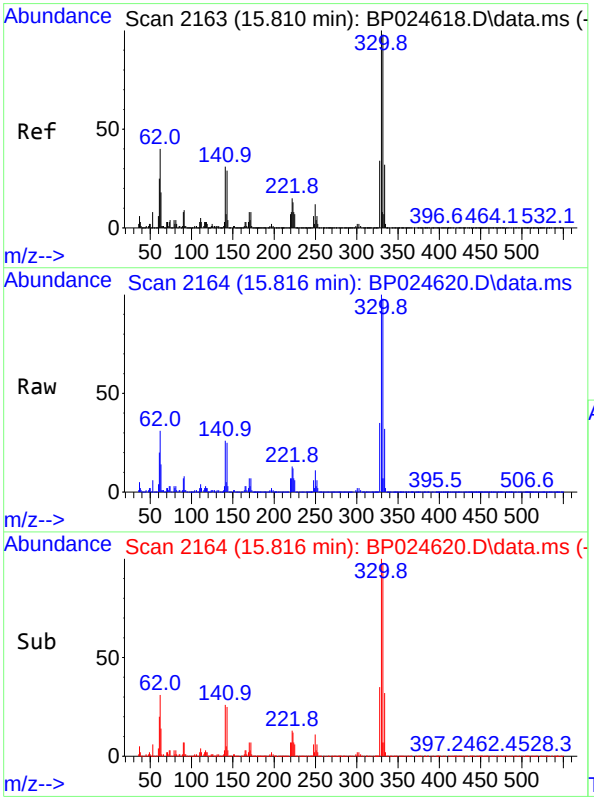
#41
Hexachlorocyclopentadiene
Concen: 66.62 ng
RT: 12.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

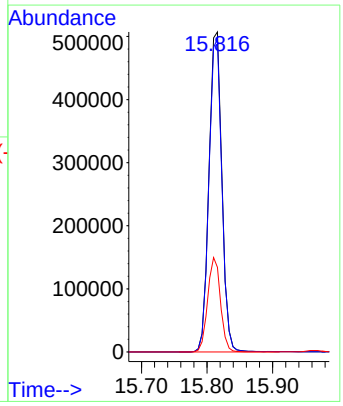


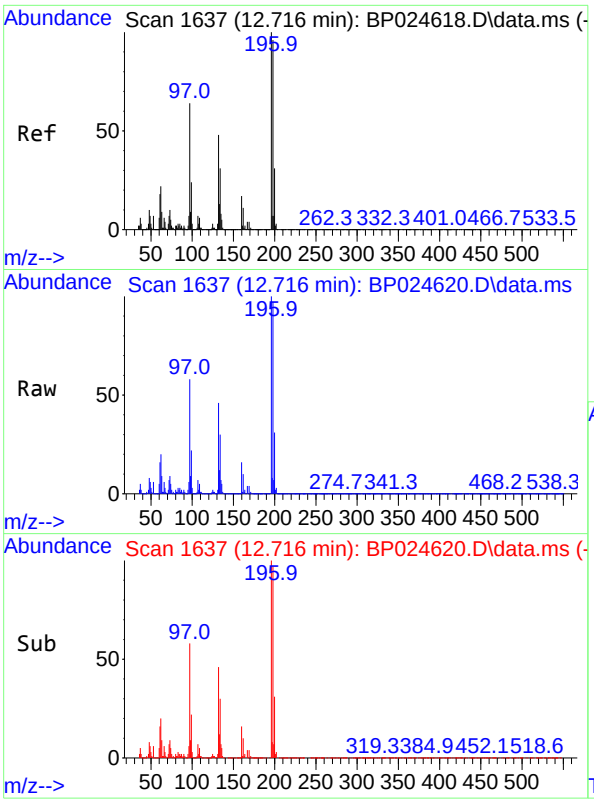


#42
2,4,6-Tribromophenol
Concen: 126.27 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



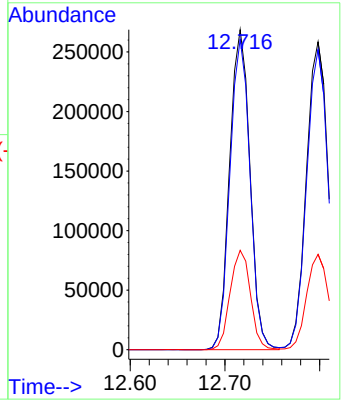


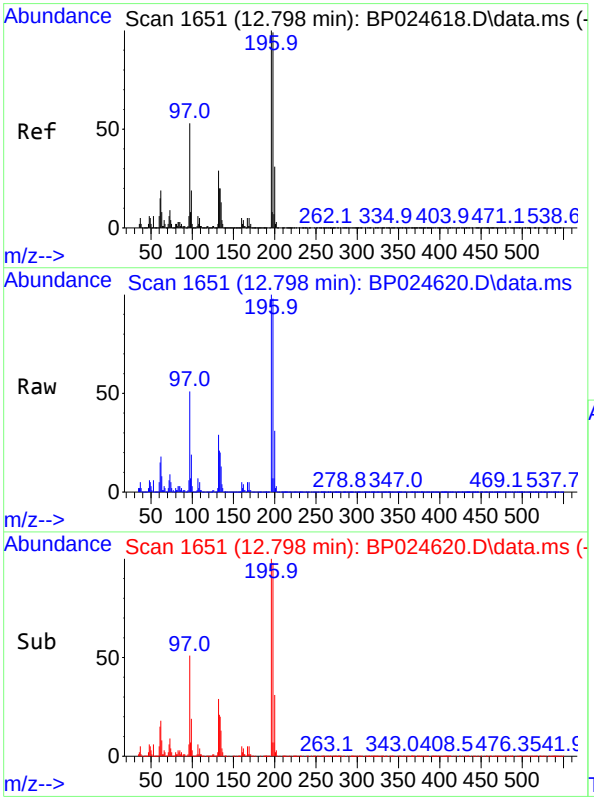
#43
2,4,6-Trichlorophenol
Concen: 65.46 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

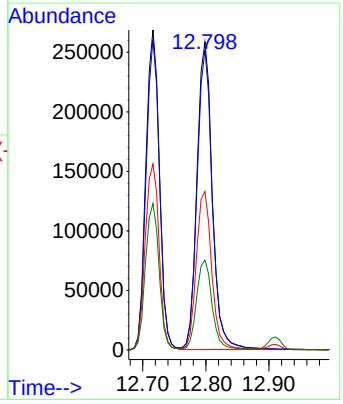


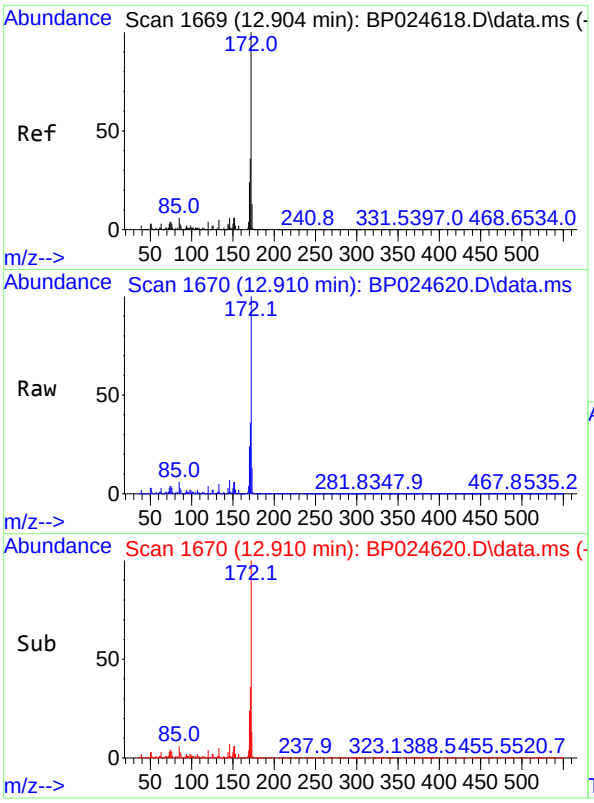


#44
2,4,5-Trichlorophenol
Concen: 64.06 ng
RT: 12.798 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



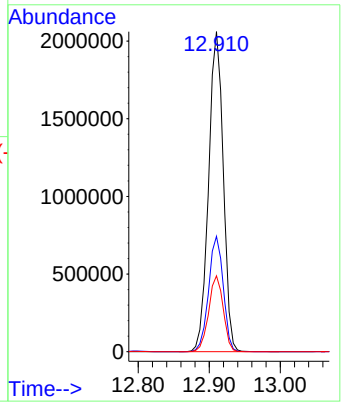


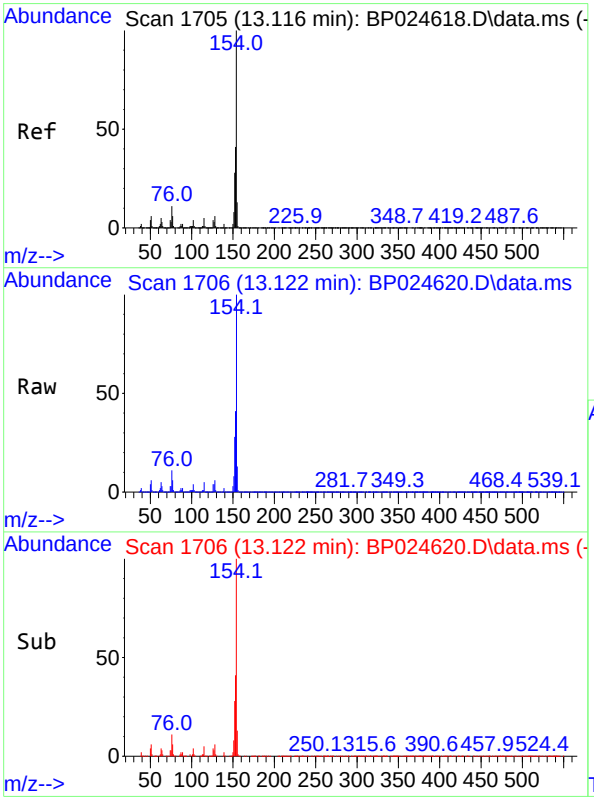
#45
2-Fluorobiphenyl
Concen: 119.08 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

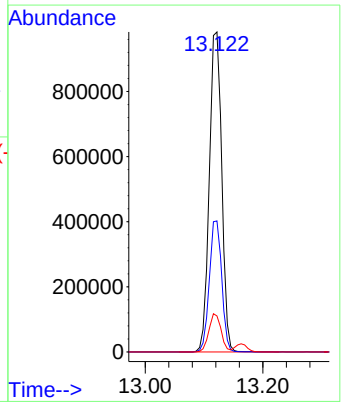


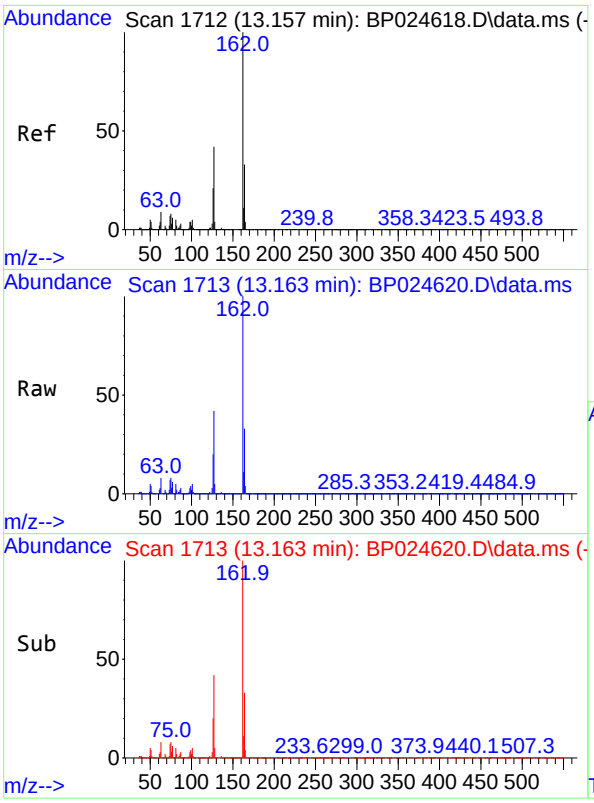


#46
1,1'-Biphenyl
Concen: 59.80 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



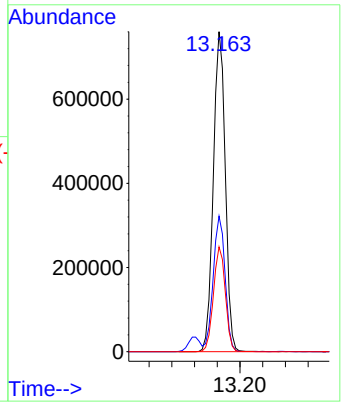


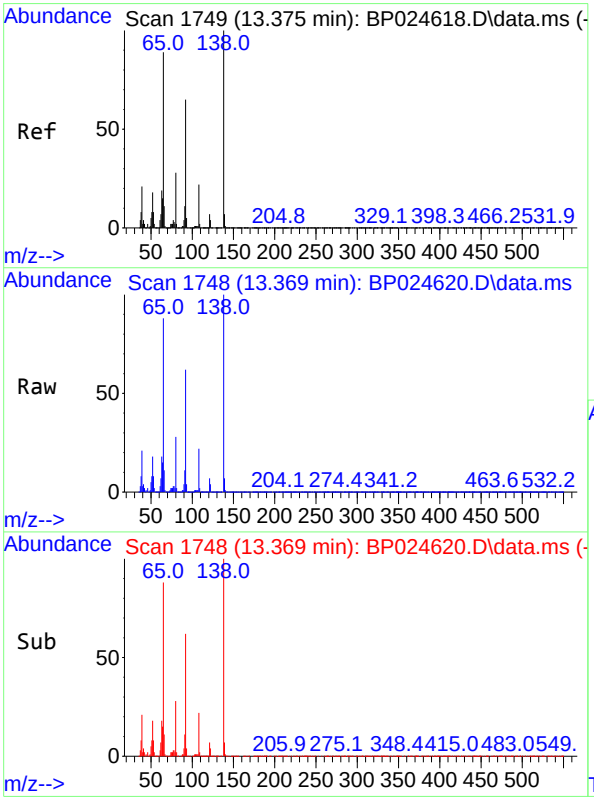
#47
2-Chloronaphthalene
Concen: 60.29 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

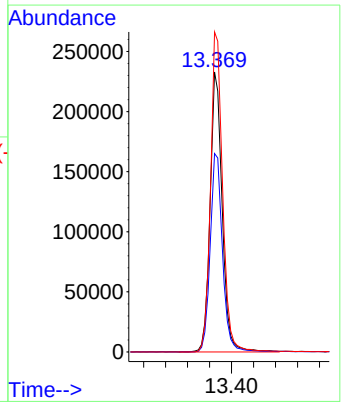


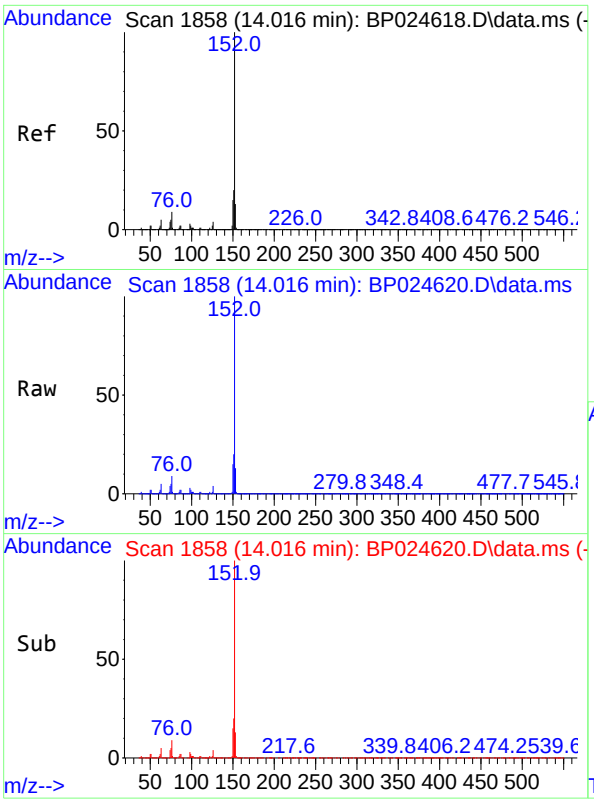


#48
2-Nitroaniline
Concen: 65.40 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



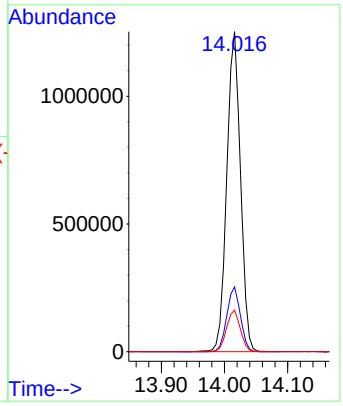


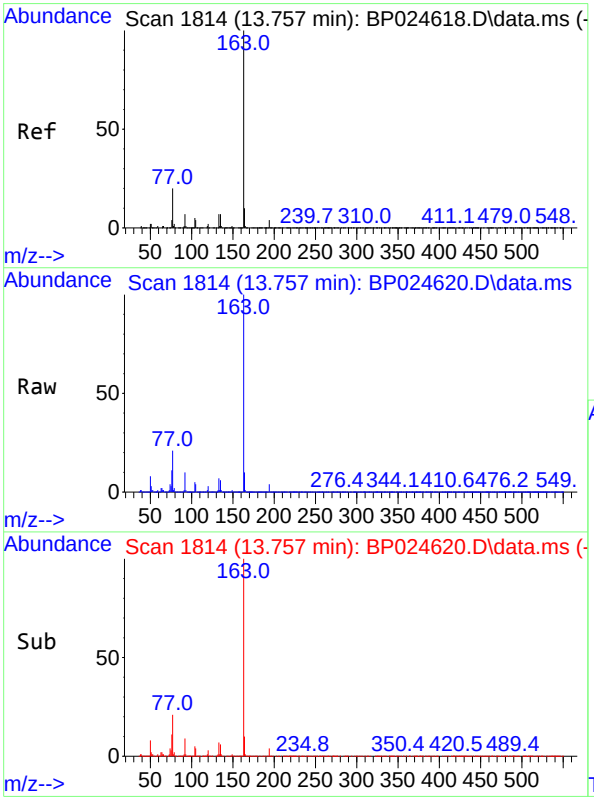
#49
Acenaphthylene
Concen: 61.41 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

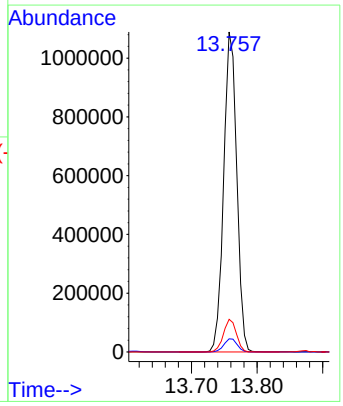


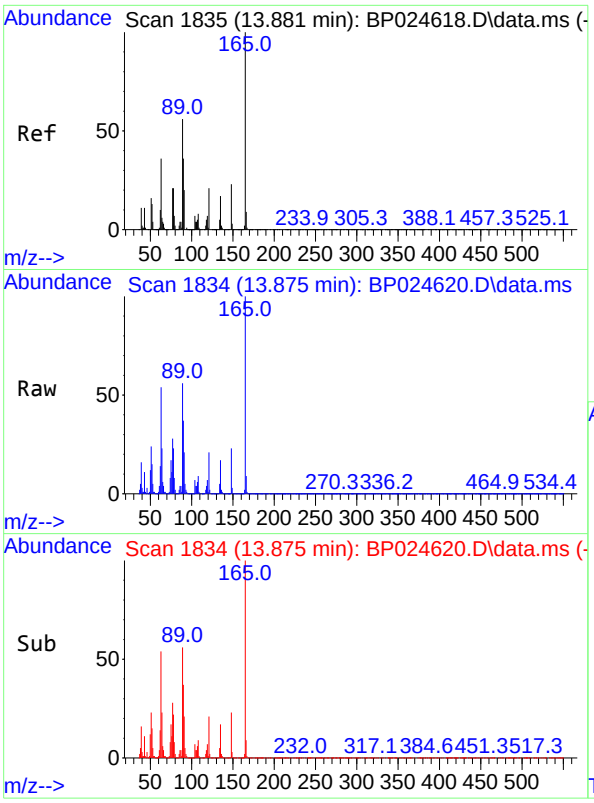


#50
Dimethylphthalate
Concen: 60.42 ng
RT: 13.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



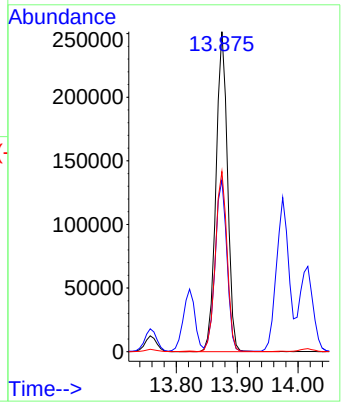


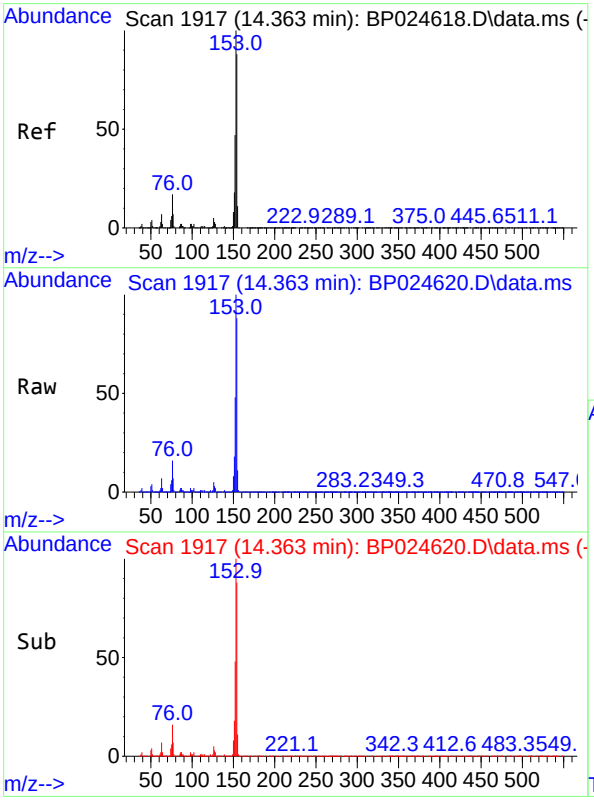
#51
2,6-Dinitrotoluene
Concen: 62.76 ng
RT: 13.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

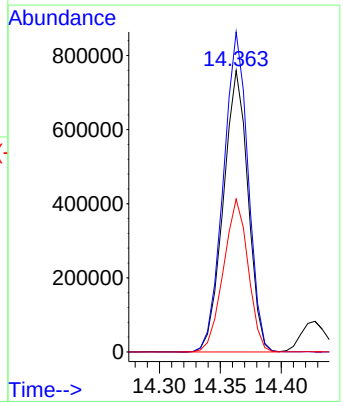


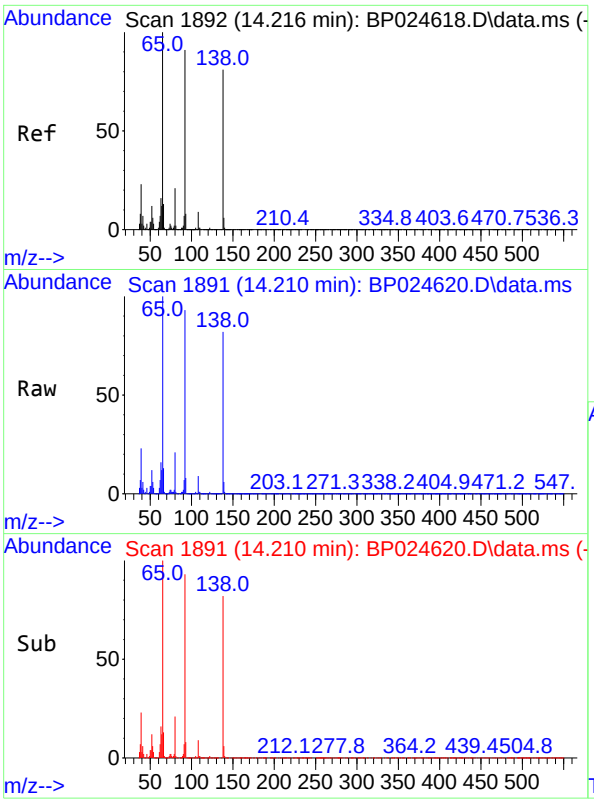


#52
Acenaphthene
Concen: 60.80 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



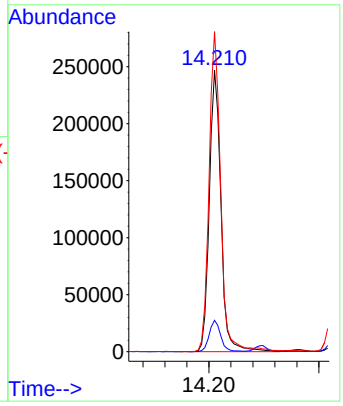


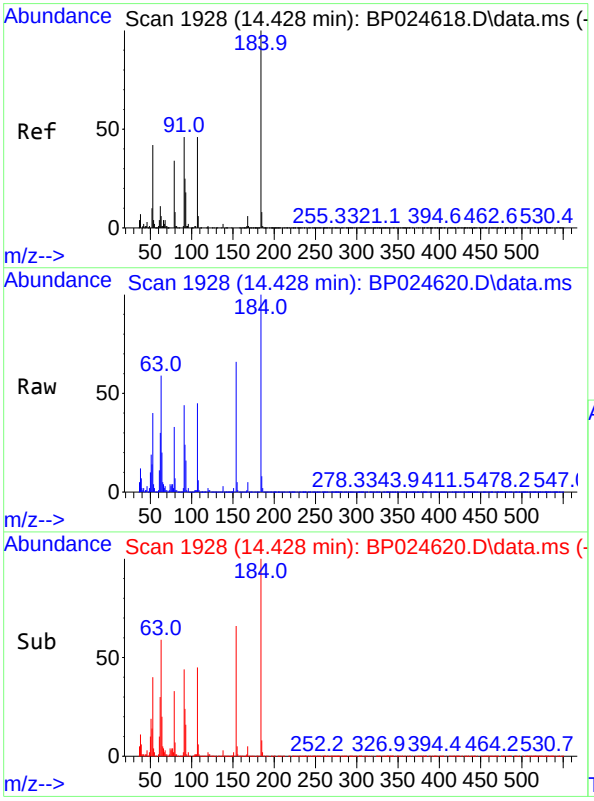
#53
3-Nitroaniline
Concen: 67.54 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

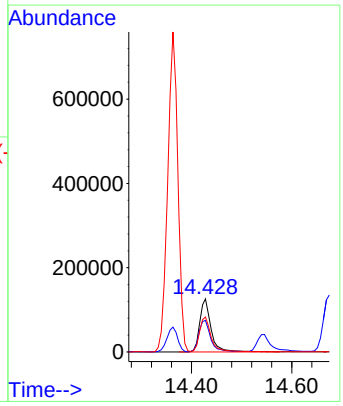


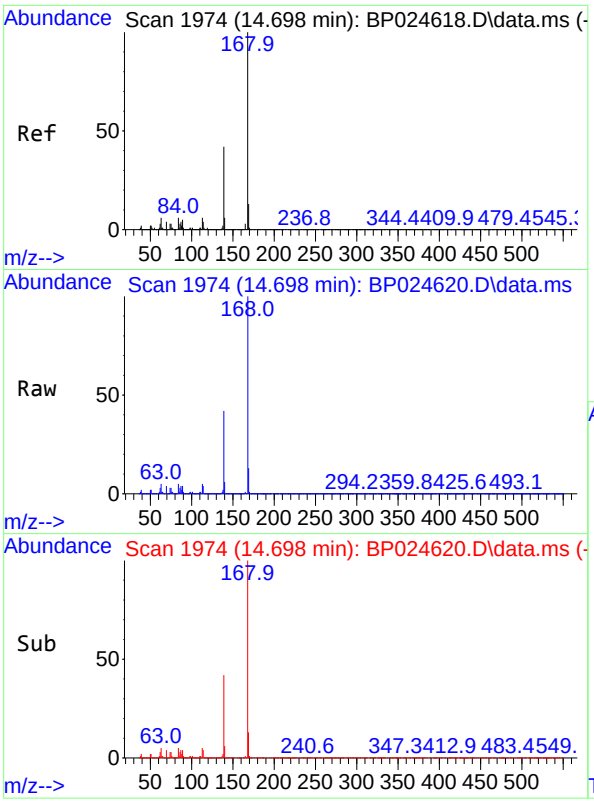


#54
2,4-Dinitrophenol
Concen: 61.10 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



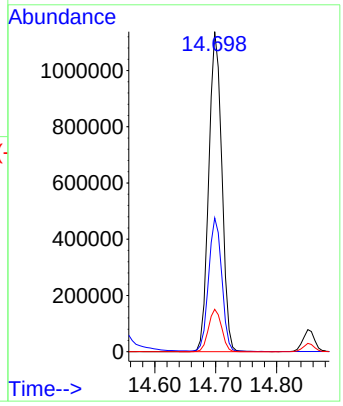


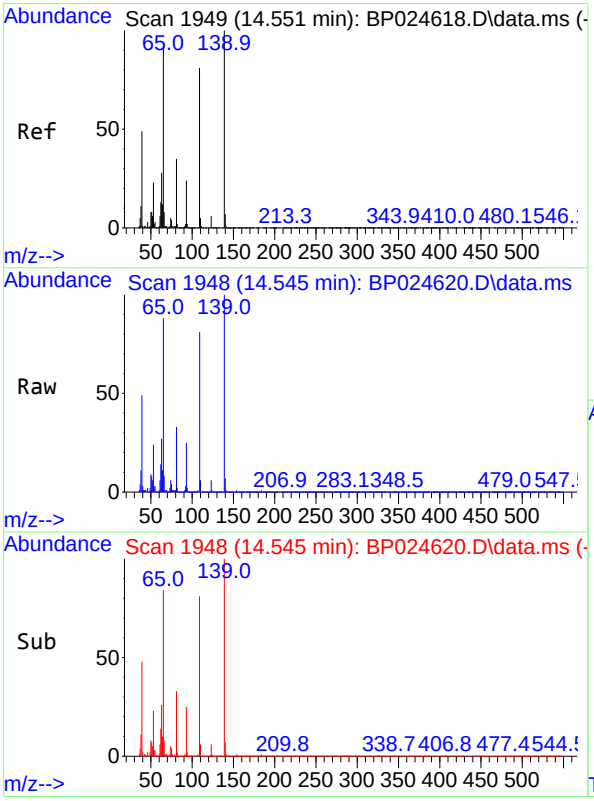
#55
Dibenzofuran
Concen: 60.13 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

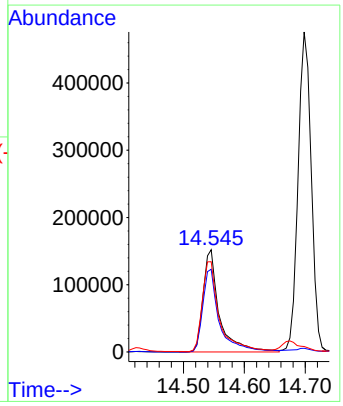


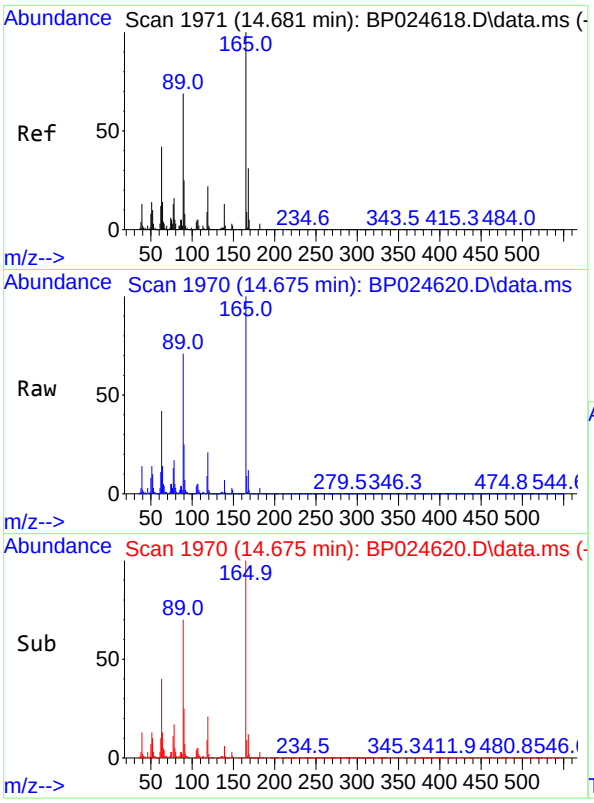


#56
4-Nitrophenol
Concen: 61.78 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



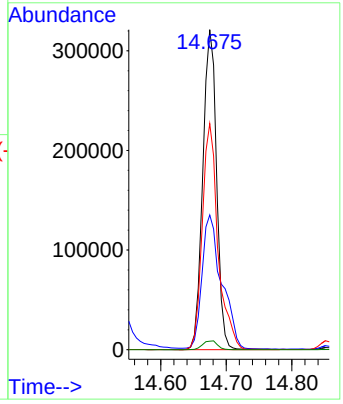


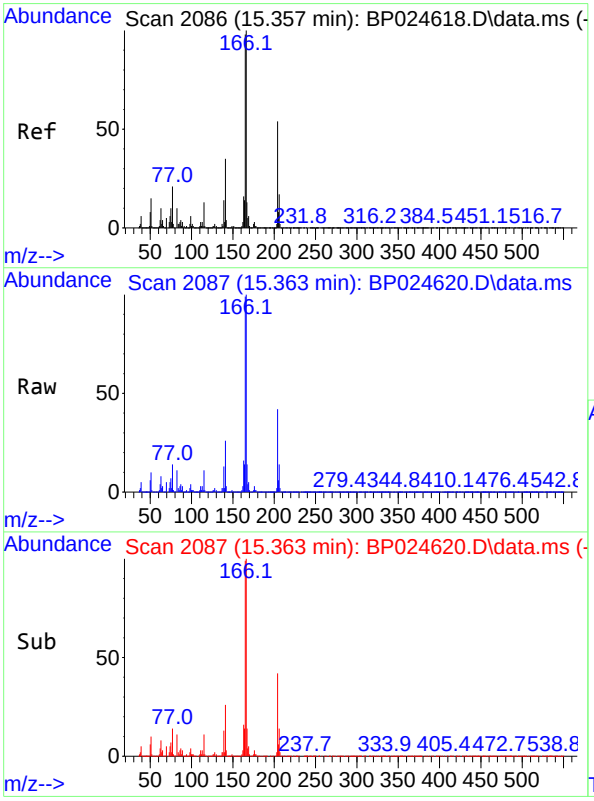
#57
2,4-Dinitrotoluene
Concen: 63.87 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

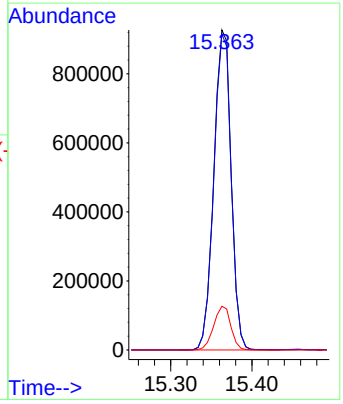


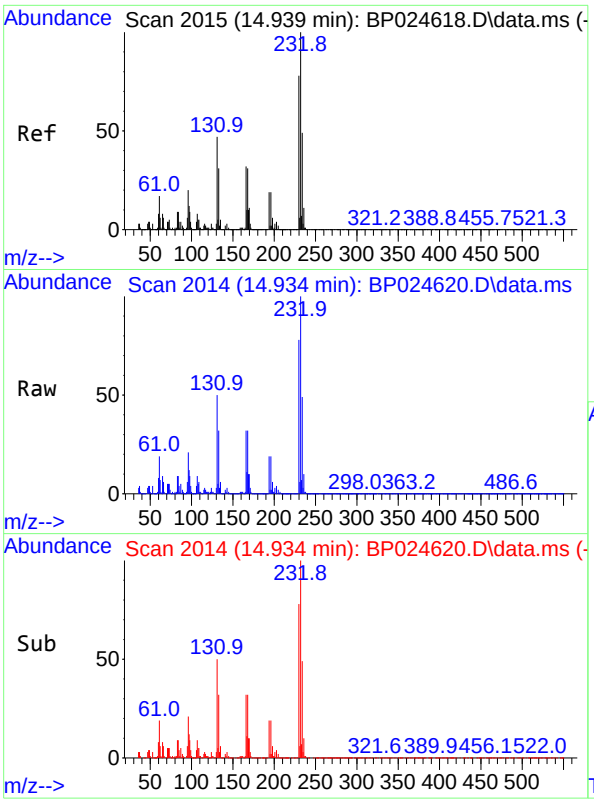


#58
Fluorene
Concen: 60.00 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



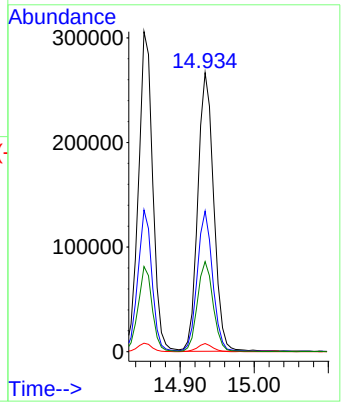


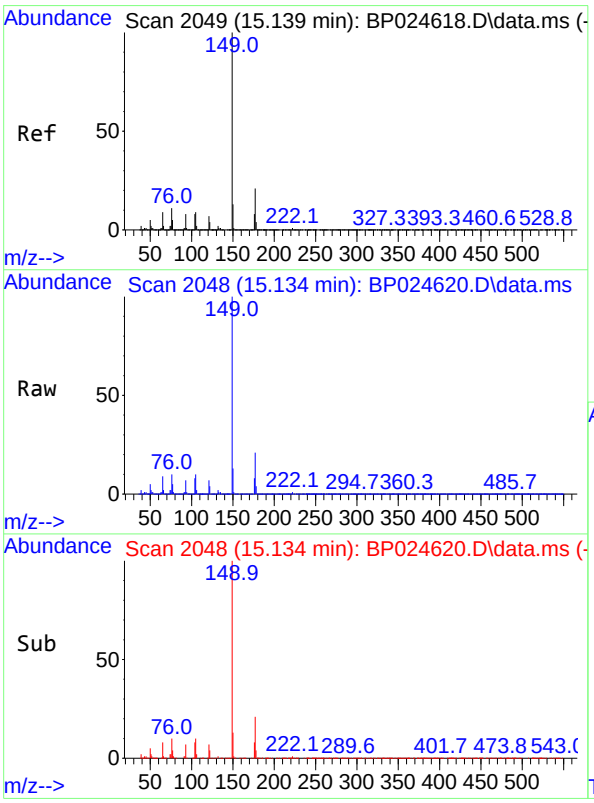
#59
2,3,4,6-Tetrachlorophenol
Concen: 62.78 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

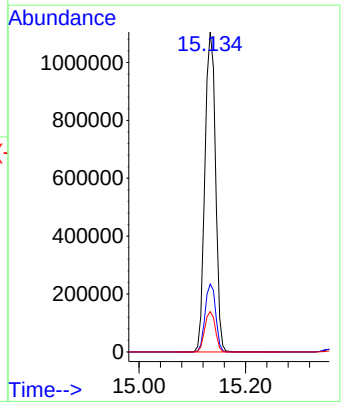


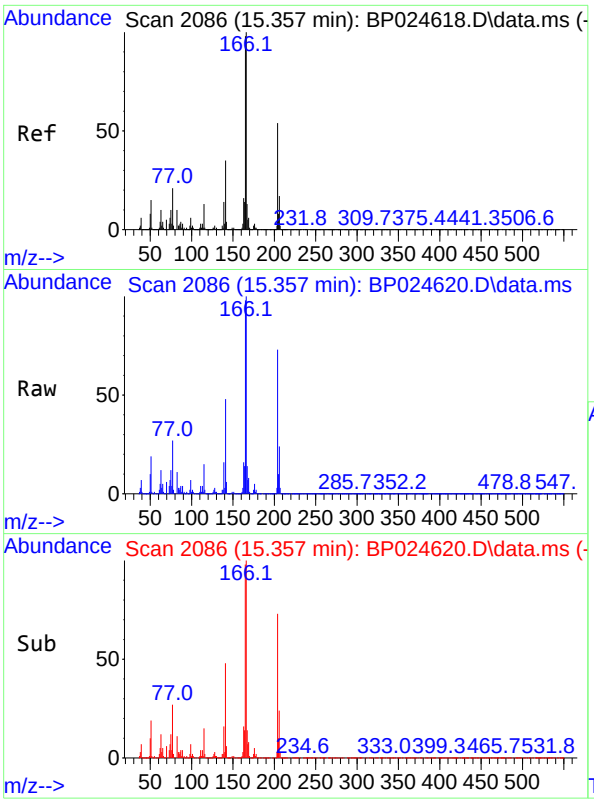


#60
Diethylphthalate
Concen: 60.87 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



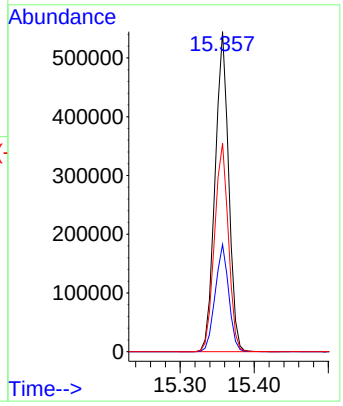


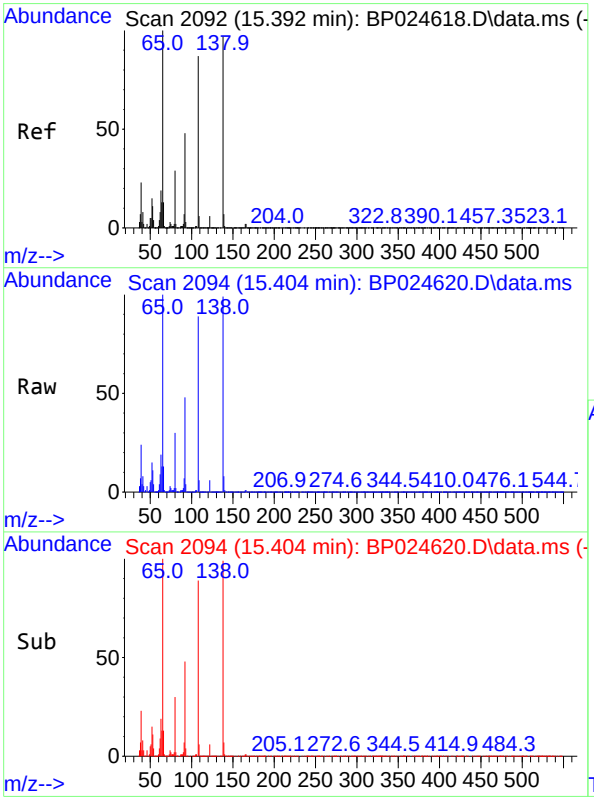
#61
4-Chlorophenyl-phenylether
Concen: 60.51 ng
RT: 15.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

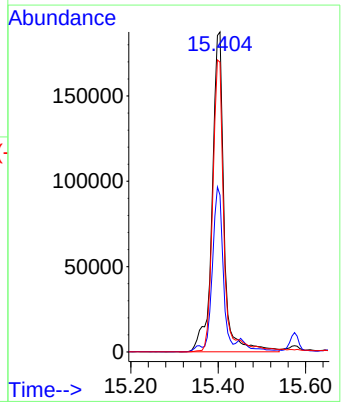


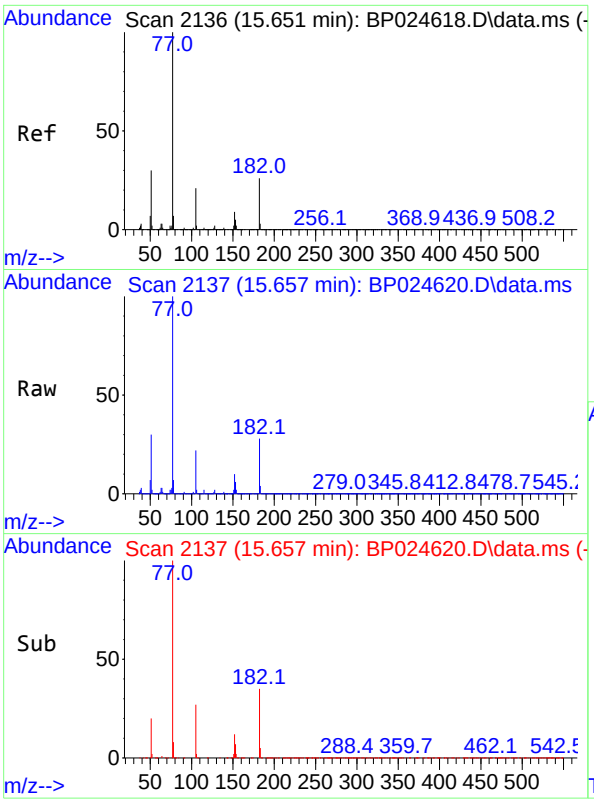


#62
4-Nitroaniline
Concen: 68.05 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



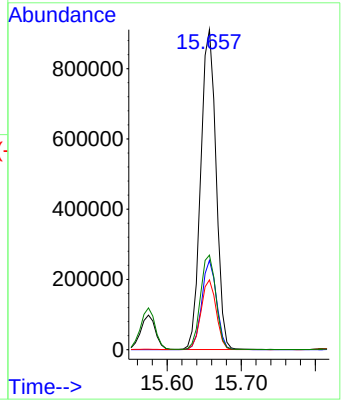


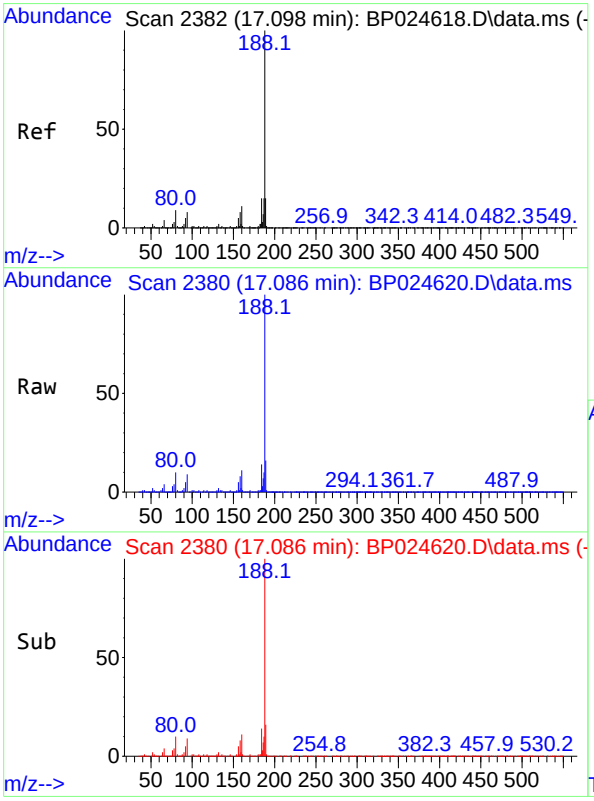
#63
Azobenzene
Concen: 61.14 ng
RT: 15.657 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

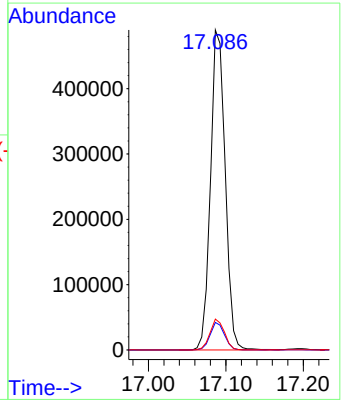


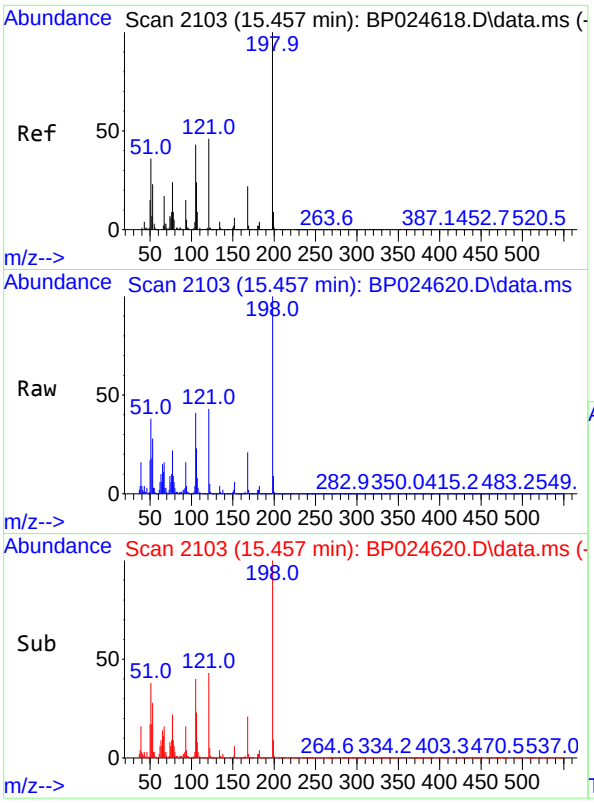


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



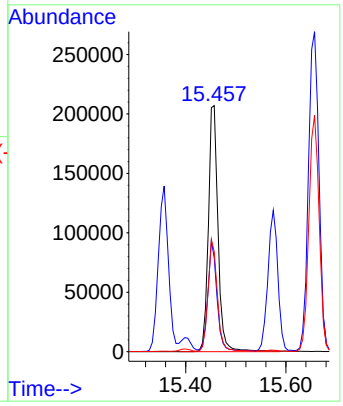


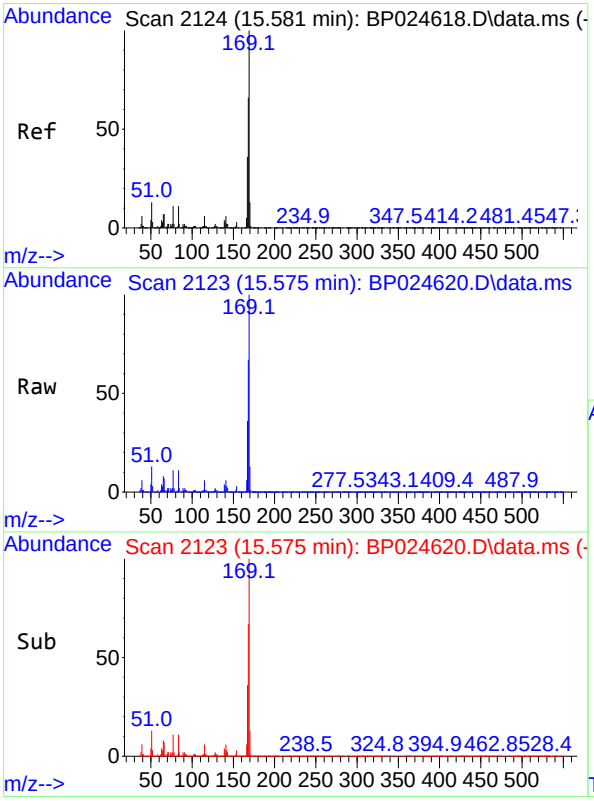
#65
4,6-Dinitro-2-methylphenol
Concen: 66.55 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

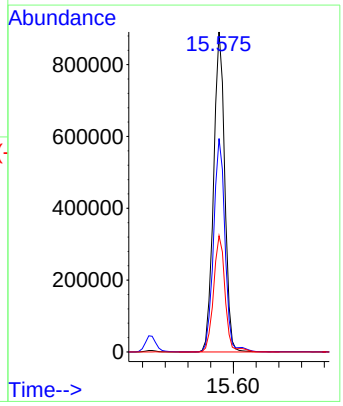


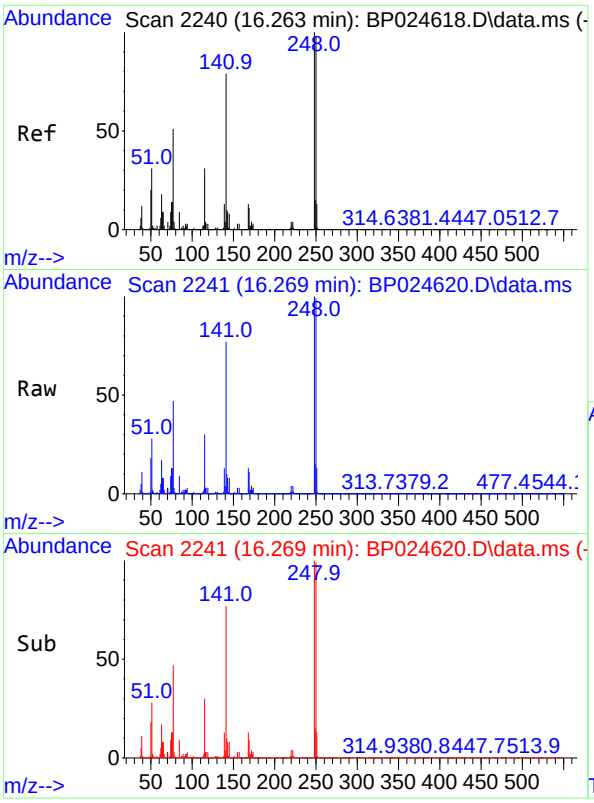


#66
n-Nitrosodiphenylamine
Concen: 60.68 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



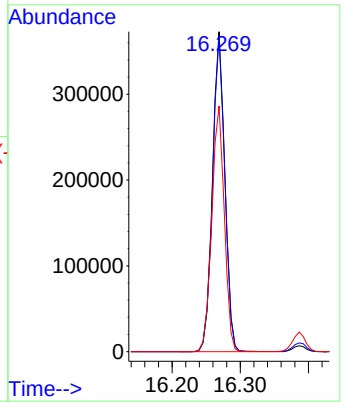


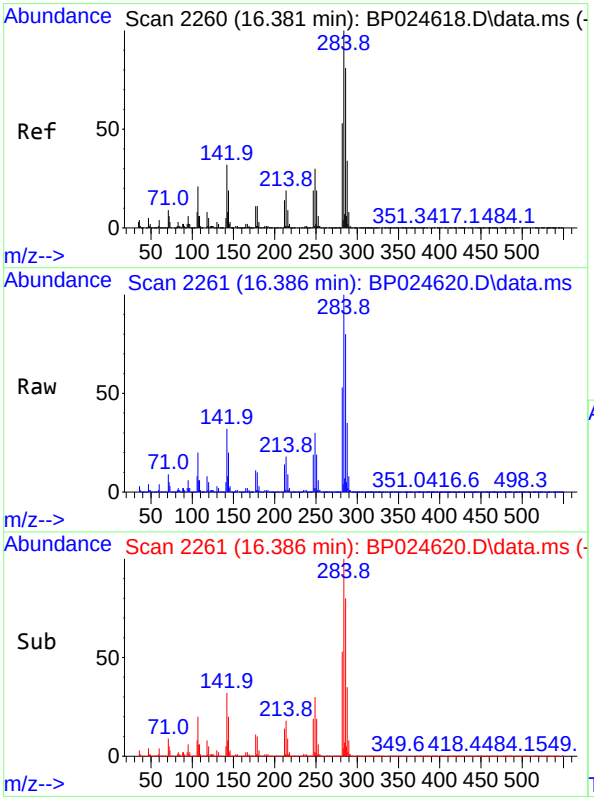
#67
4-Bromophenyl-phenylether
Concen: 61.56 ng
RT: 16.269 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

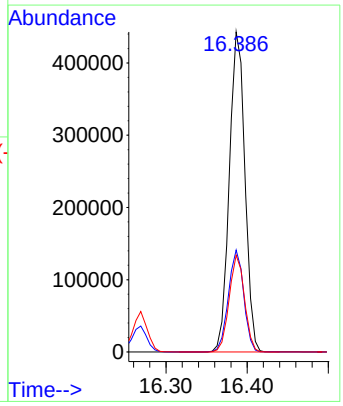


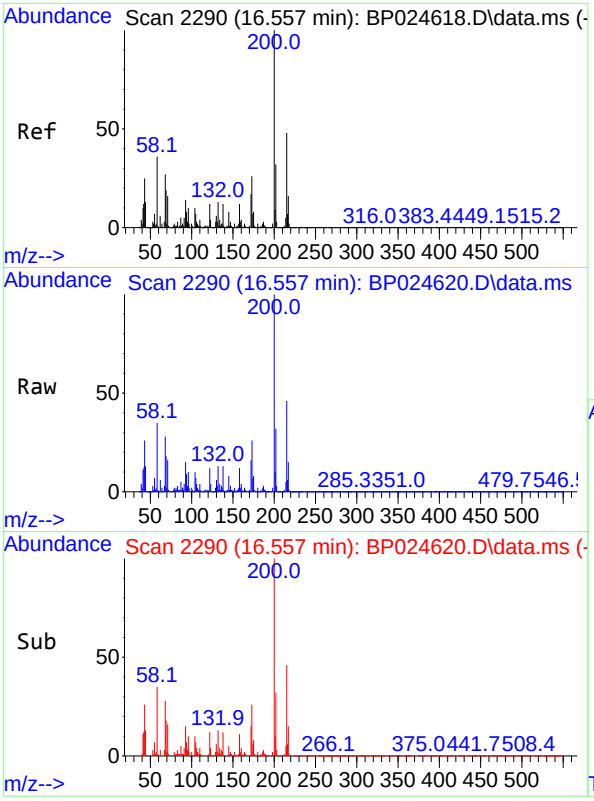


#68
Hexachlorobenzene
Concen: 60.99 ng
RT: 16.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



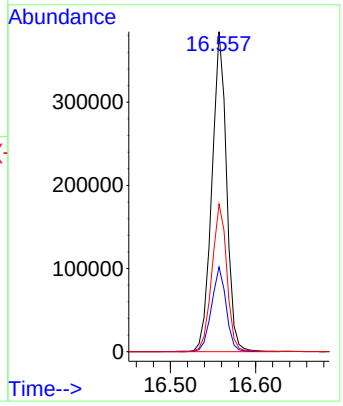


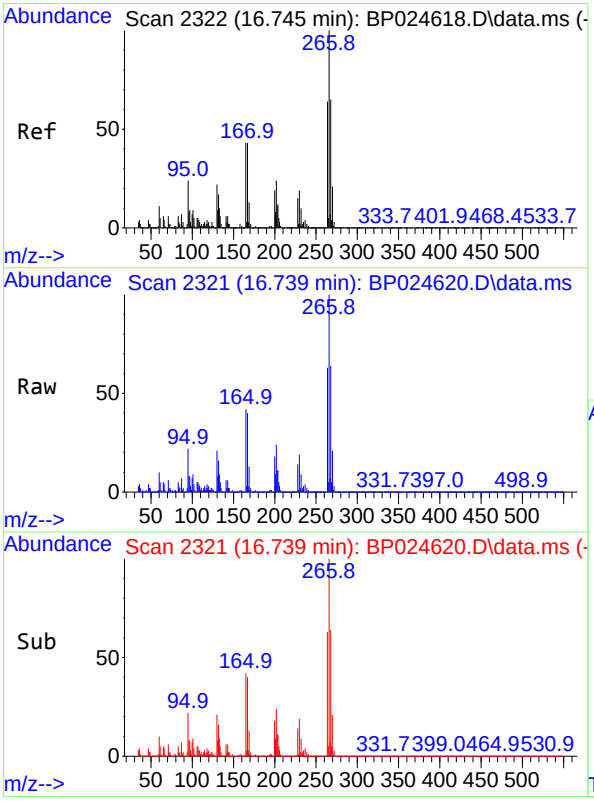
#69
Atrazine
Concen: 63.29 ng
RT: 16.557 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

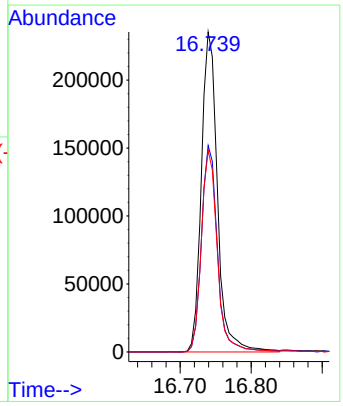


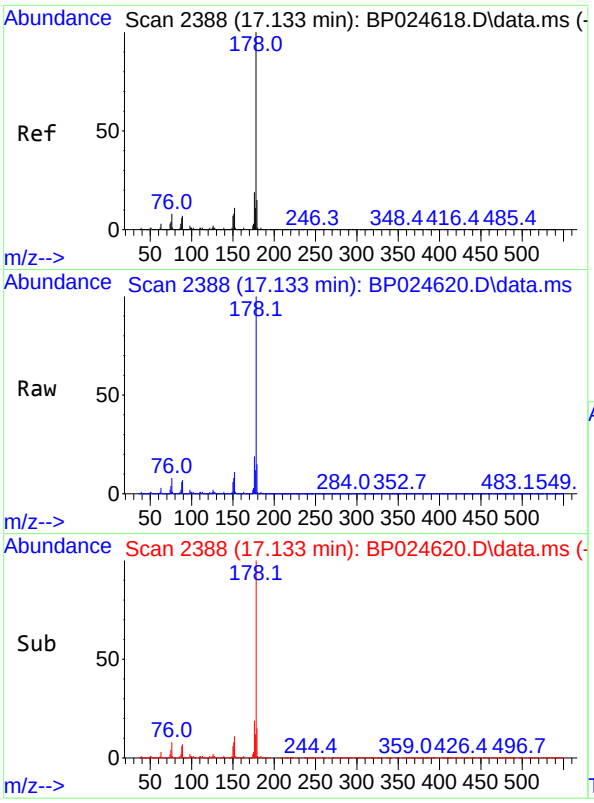


#70
Pentachlorophenol
Concen: 68.29 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



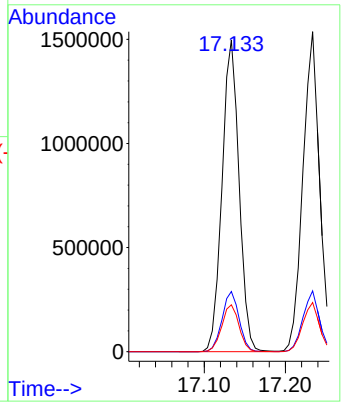


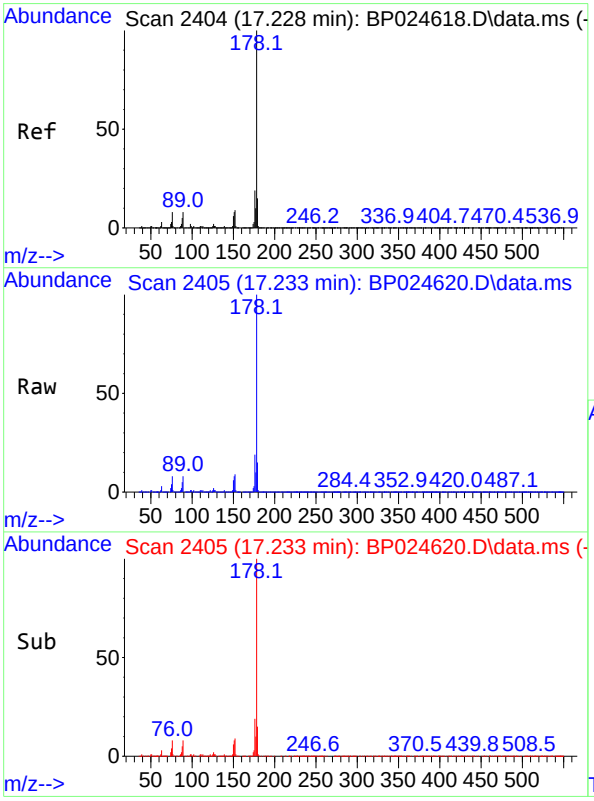
#71
Phenanthrene
Concen: 60.73 ng
RT: 17.133 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

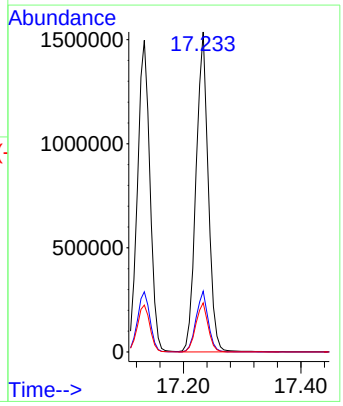


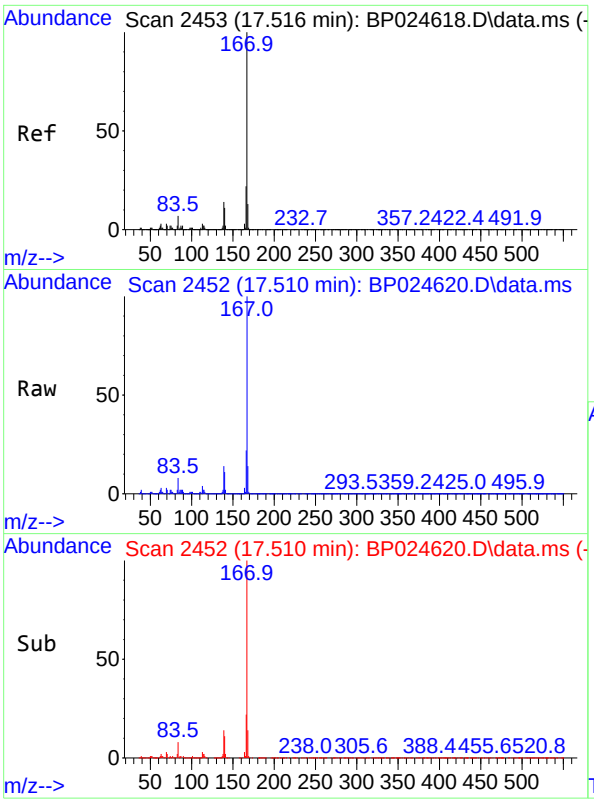


#72
Anthracene
Concen: 61.11 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



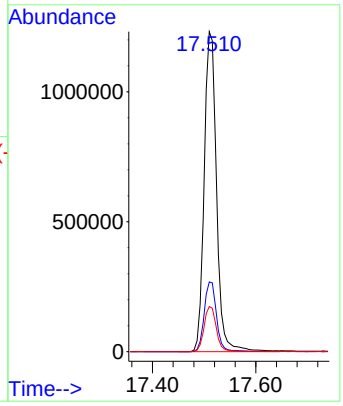


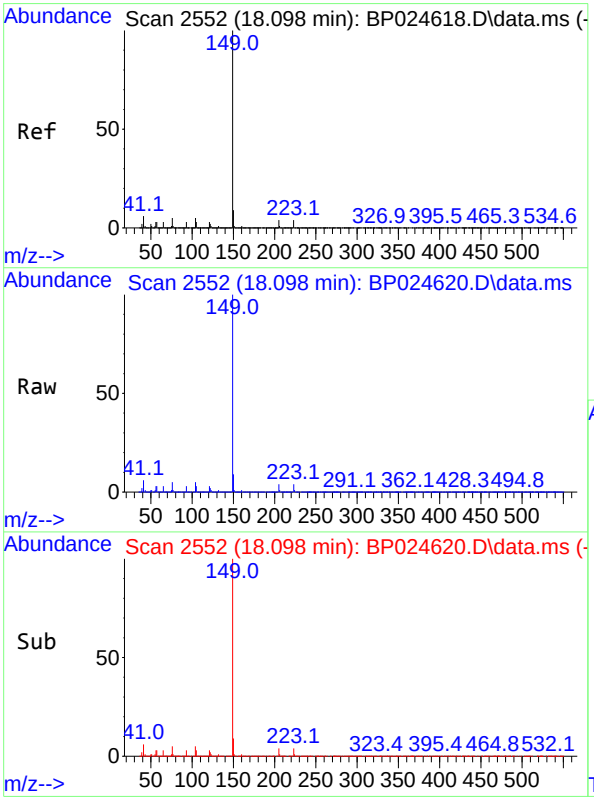
#73
Carbazole
Concen: 62.39 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

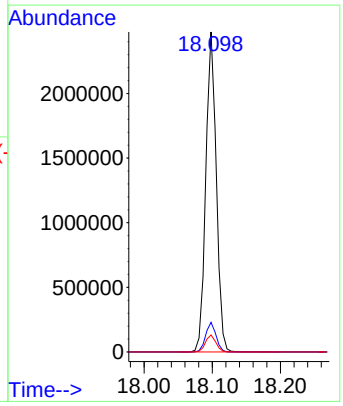


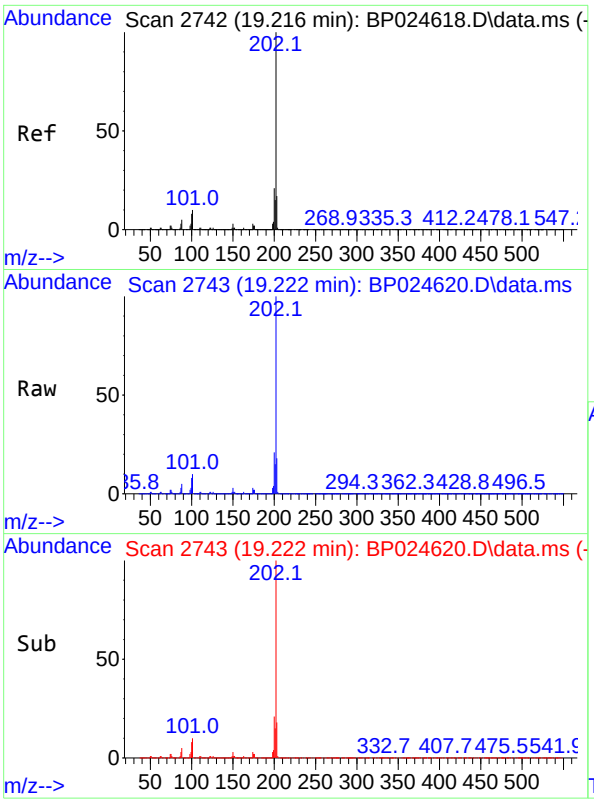


#74
Di-n-butylphthalate
Concen: 62.81 ng
RT: 18.098 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



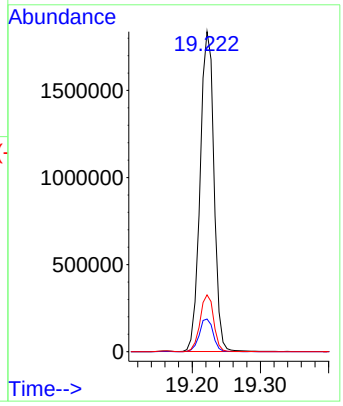


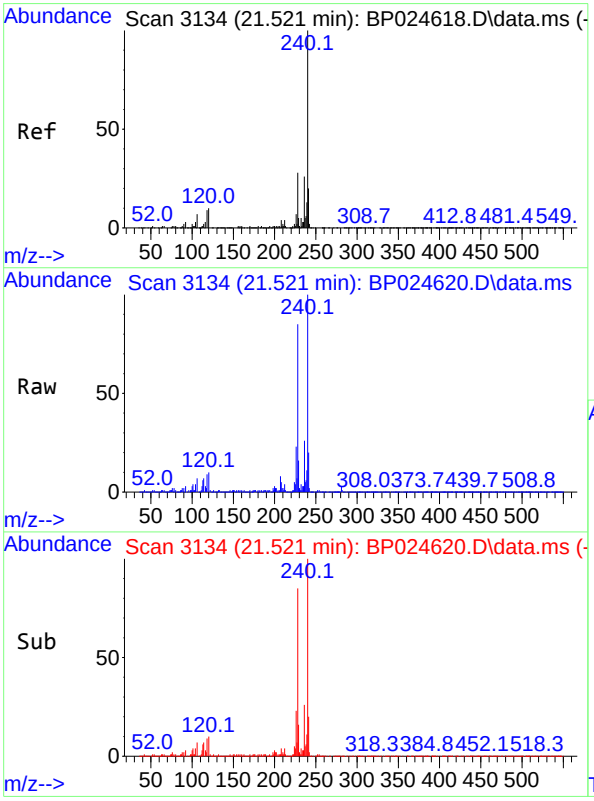
#75
Fluoranthene
Concen: 61.73 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

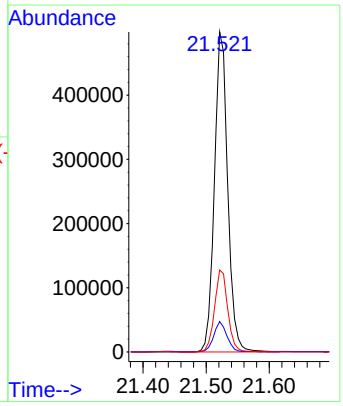


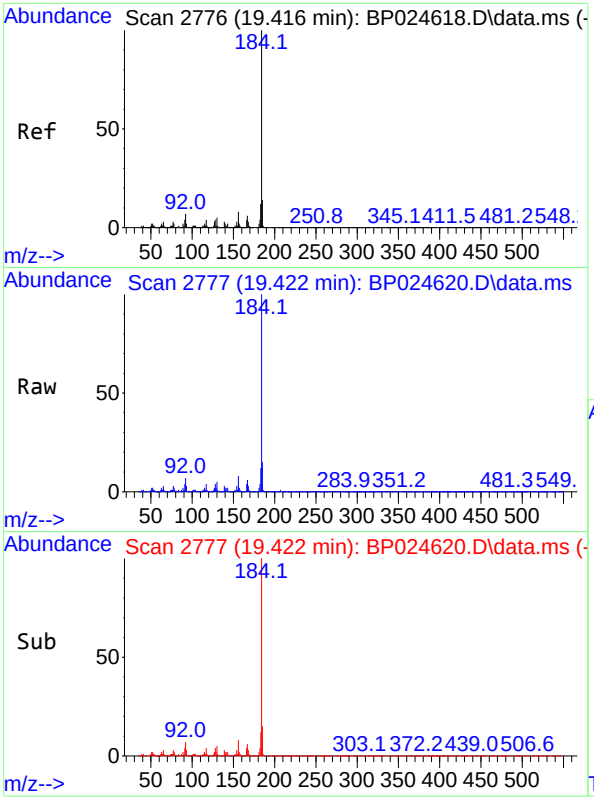


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



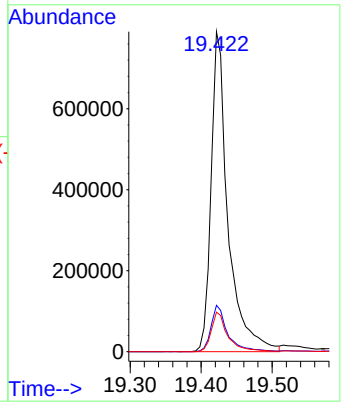


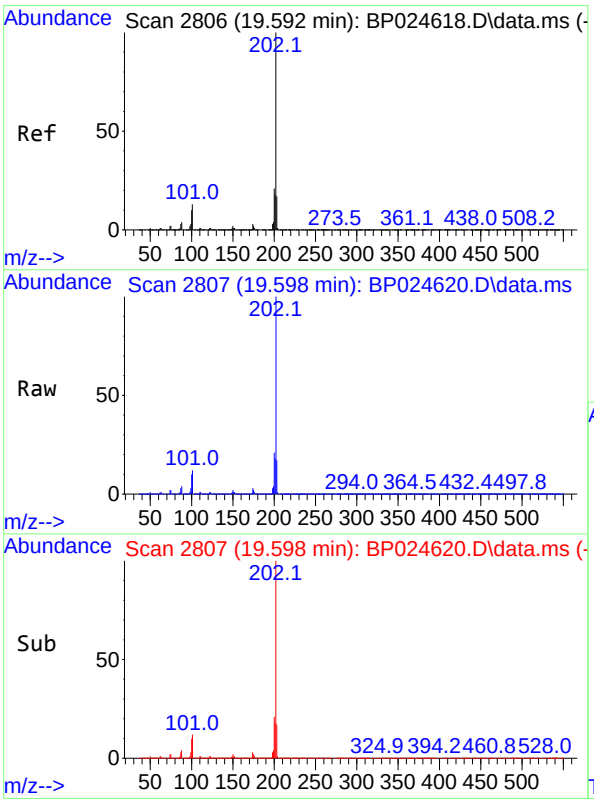
#77
Benzidine
Concen: 65.42 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

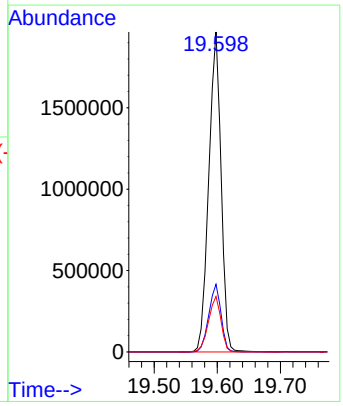


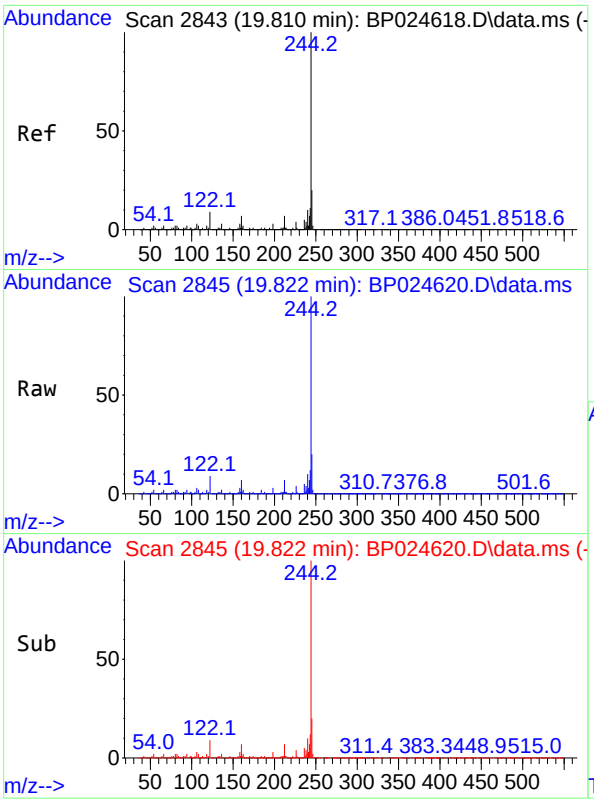


#78
Pyrene
Concen: 61.17 ng
RT: 19.598 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



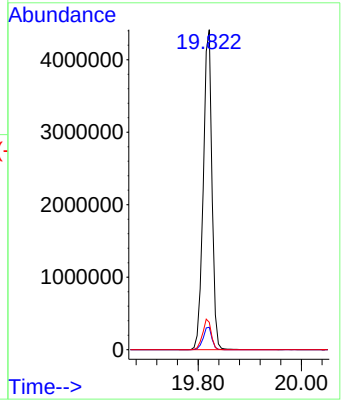


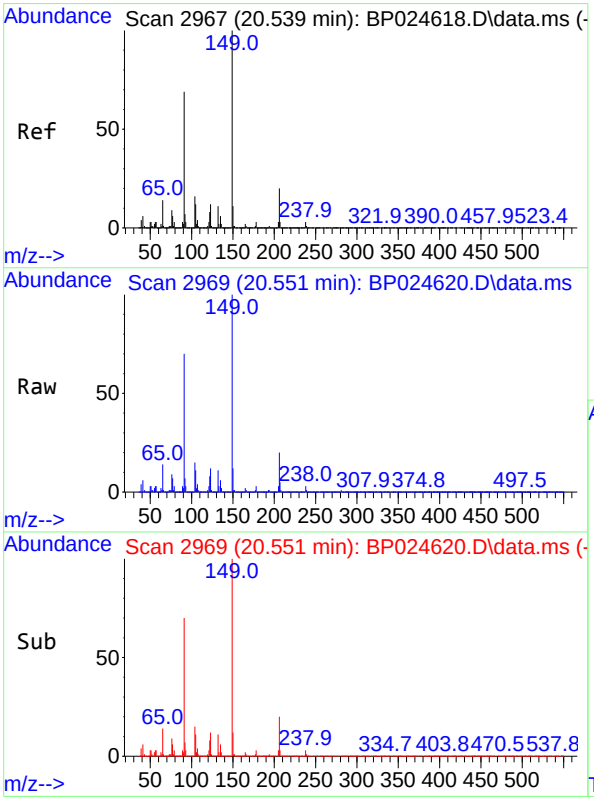
#79
Terphenyl-d14
Concen: 120.88 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

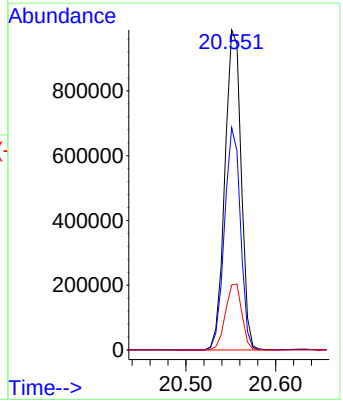


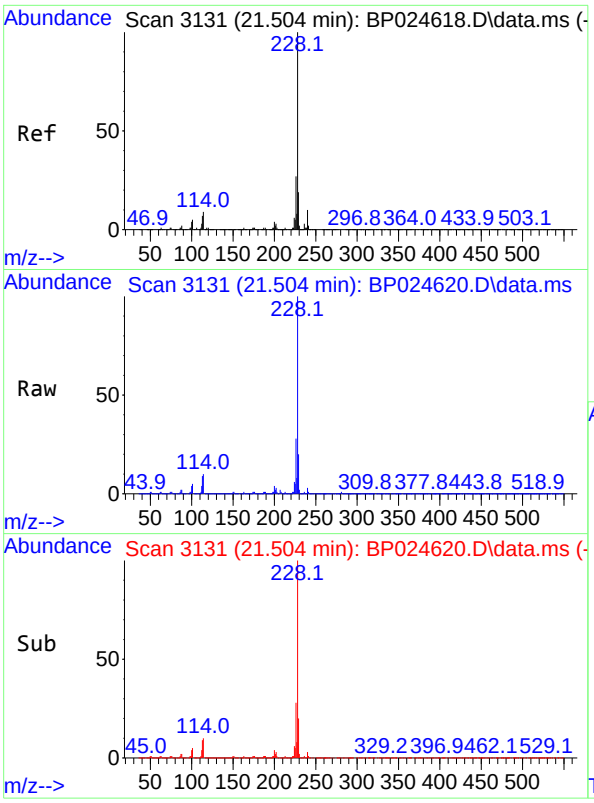


#80
Butylbenzylphthalate
Concen: 64.25 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



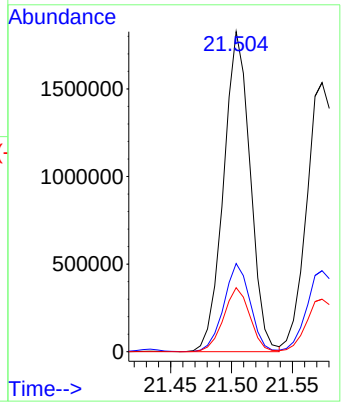


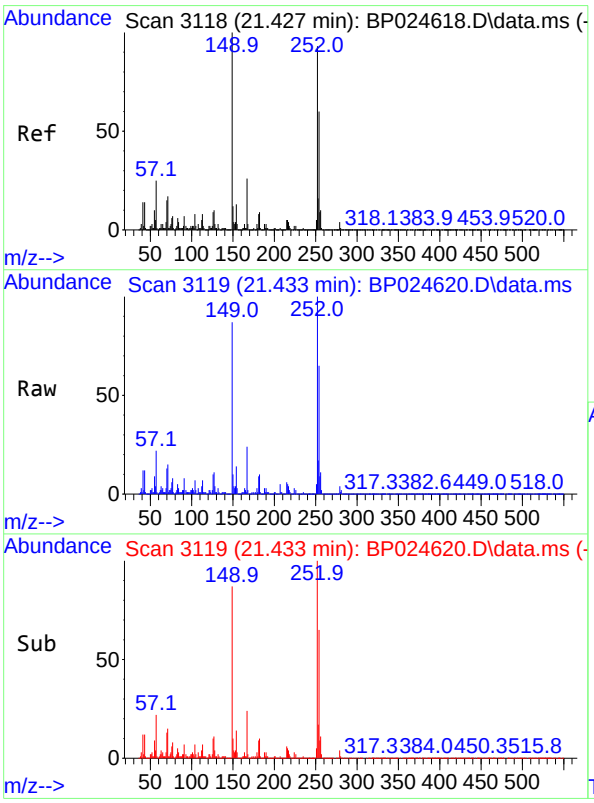
#81
Benzo(a)anthracene
Concen: 60.93 ng
RT: 21.504 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

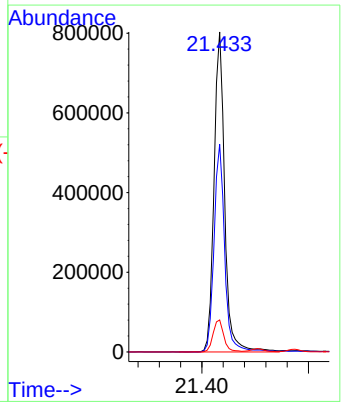


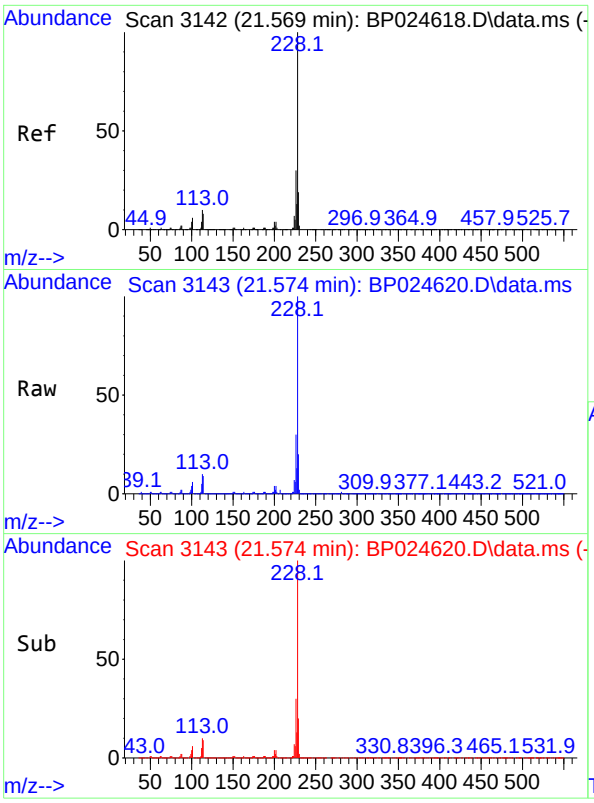


#82
3,3'-Dichlorobenzidine
Concen: 65.77 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



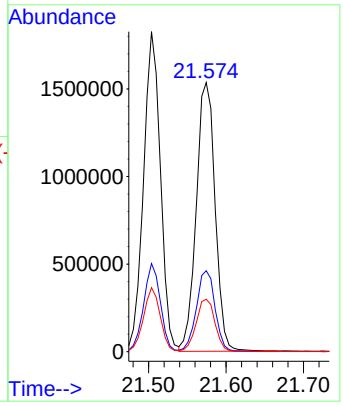


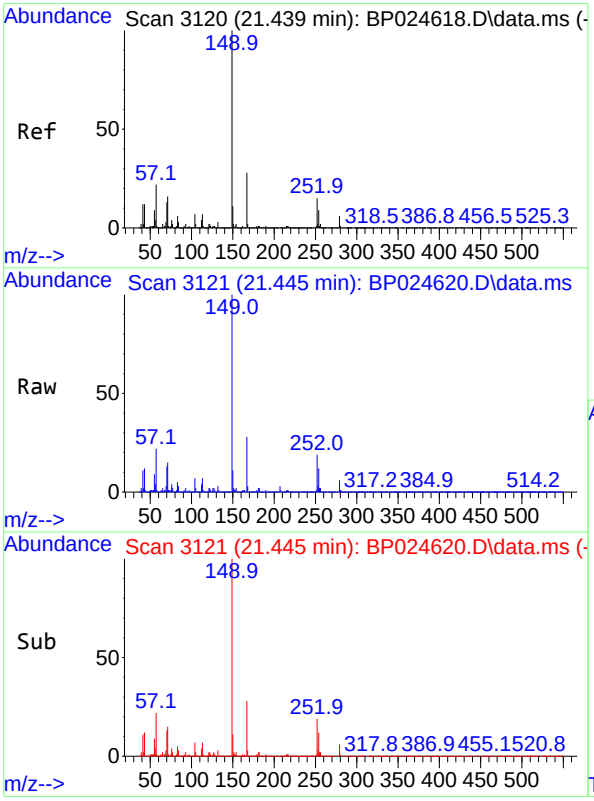
#83
Chrysene
Concen: 59.88 ng
RT: 21.574 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

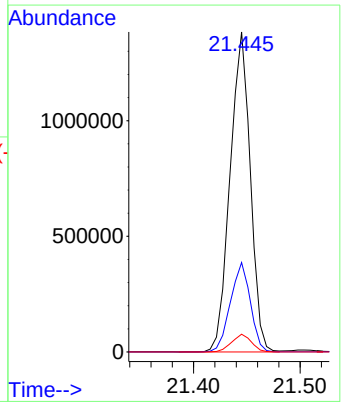


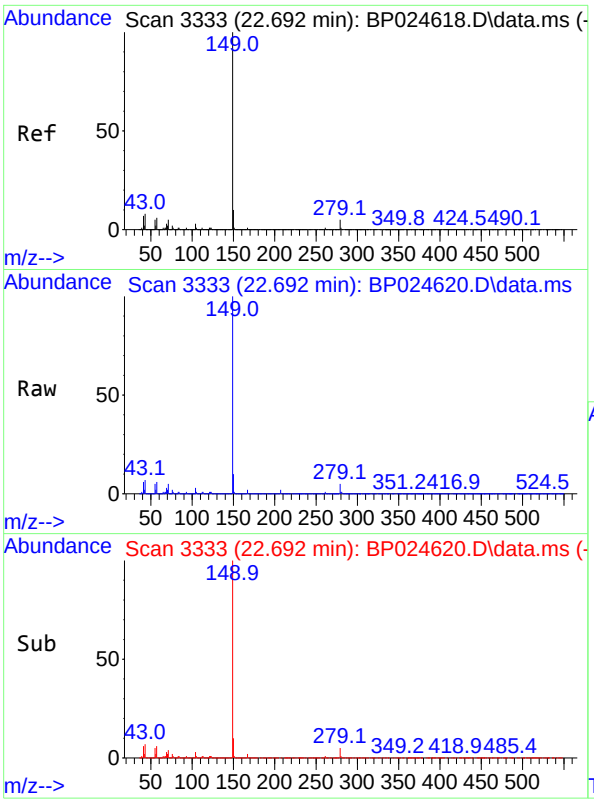


#84
Bis(2-ethylhexyl)phthalate
Concen: 64.05 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



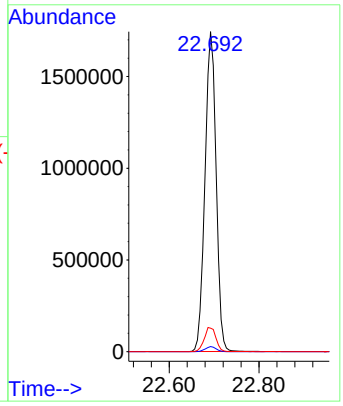


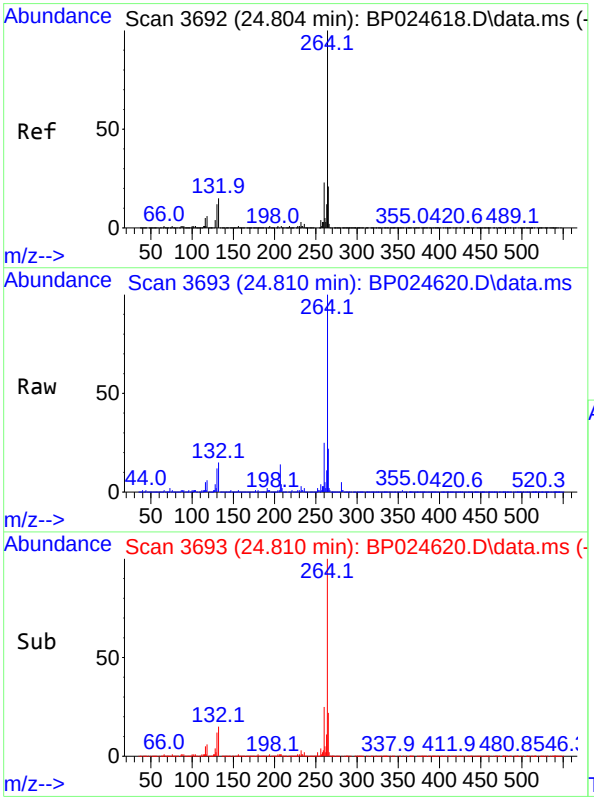
#85
Di-n-octyl phthalate
Concen: 64.47 ng
RT: 22.692 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

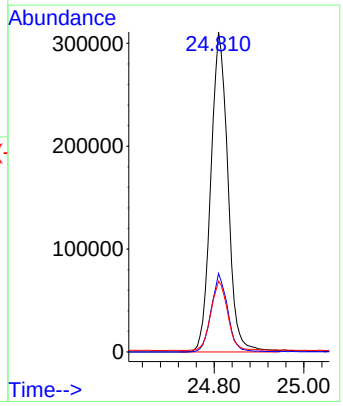


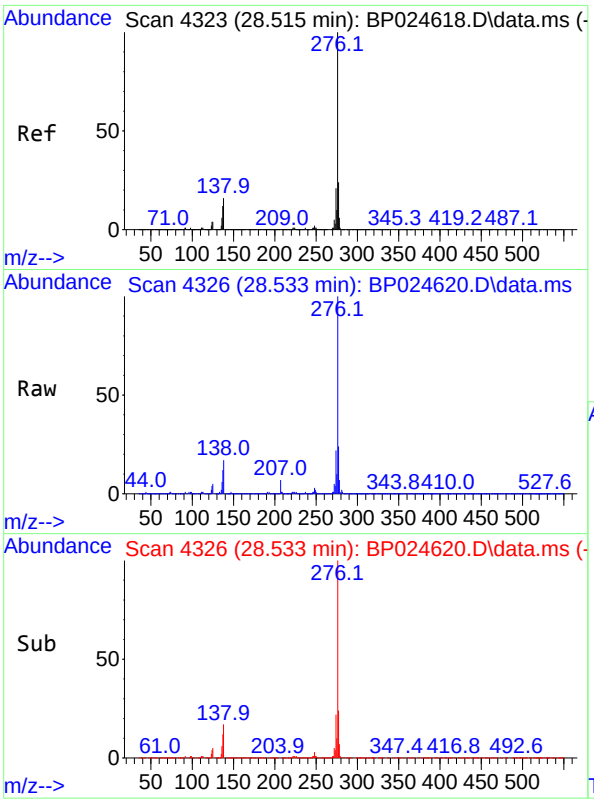


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



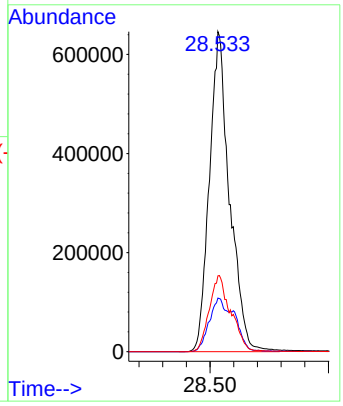


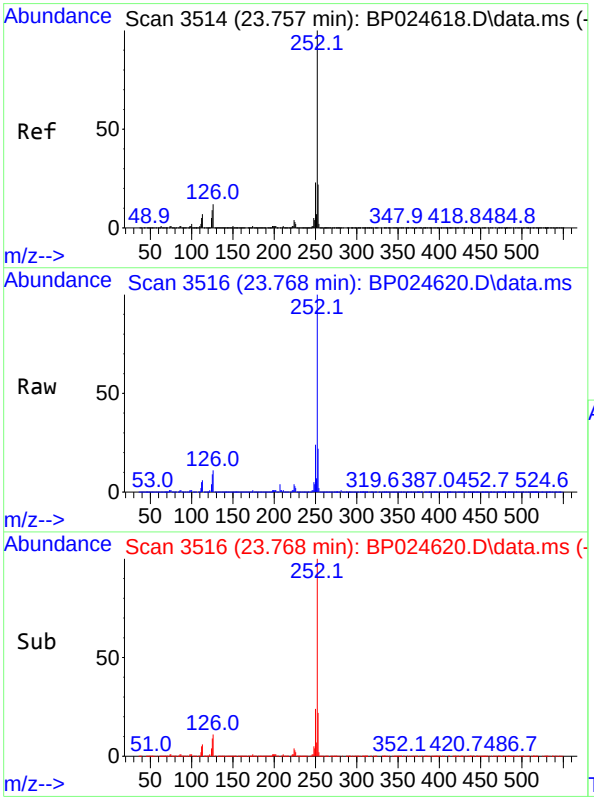
#87
Indeno(1,2,3-cd)pyrene
Concen: 63.64 ng
RT: 28.533 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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#

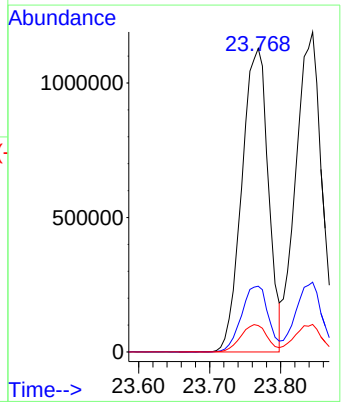


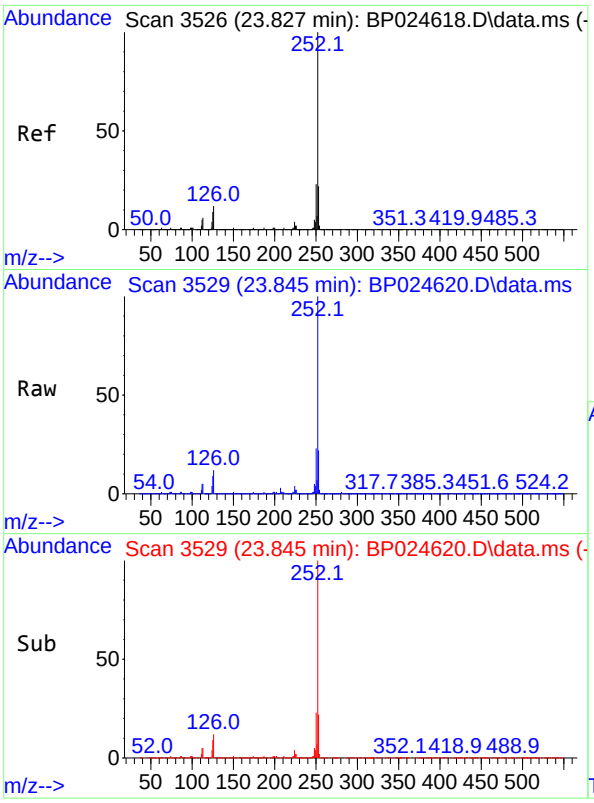


#88
Benzo(b)fluoranthene
Concen: 62.04 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



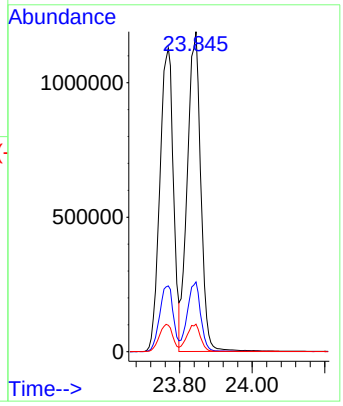


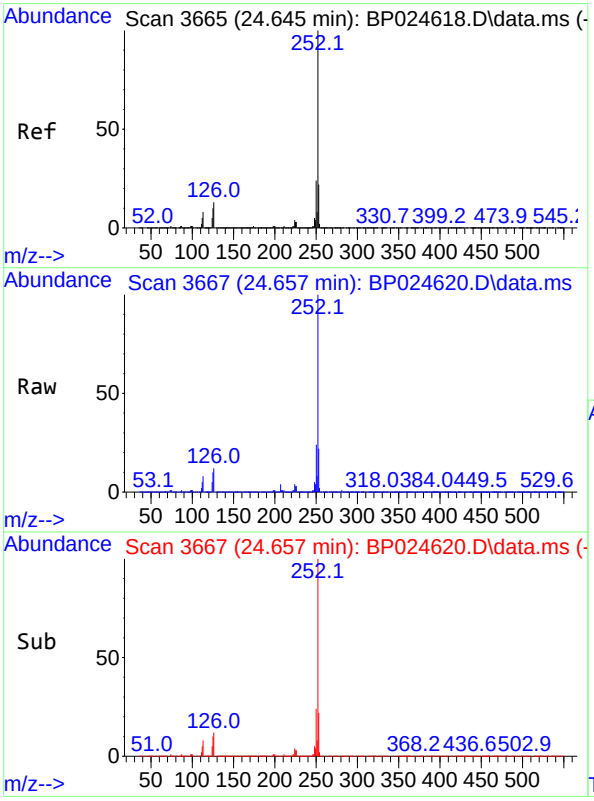
#89
Benzo(k)fluoranthene
Concen: 62.95 ng
RT: 23.845 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

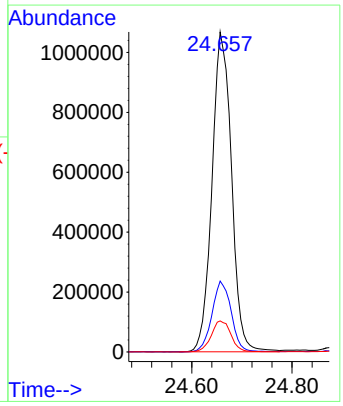


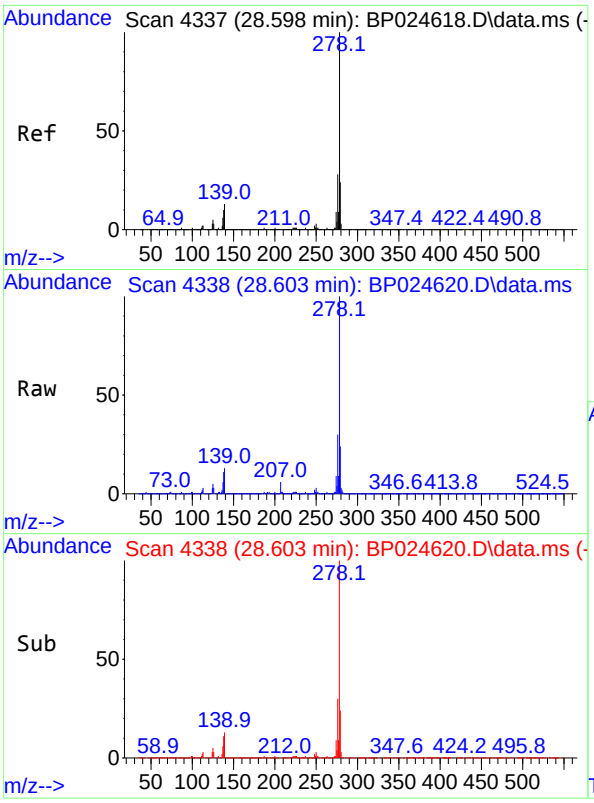


#90
Benzo(a)pyrene
Concen: 63.69 ng
RT: 24.657 min Scan# 3667
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



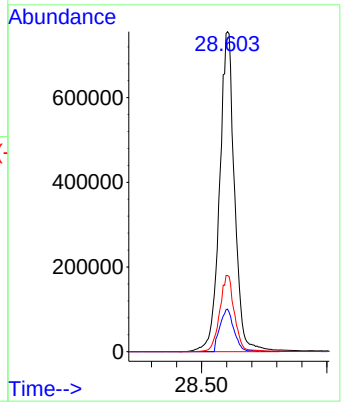


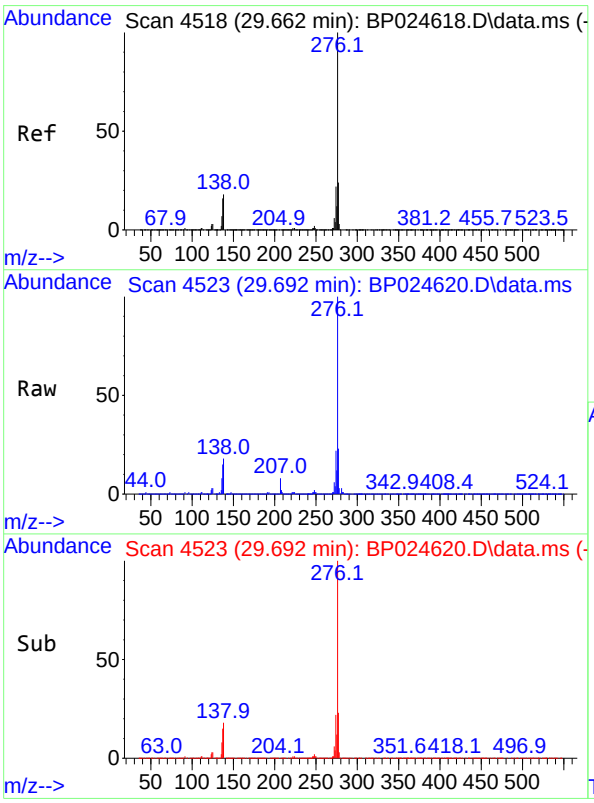
#91
Dibenzo(a,h)anthracene
Concen: 64.20 ng
RT: 28.603 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

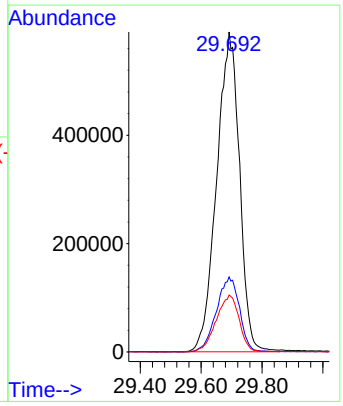




#92
Benzo(g,h,i)perylene
Concen: 63.07 ng
RT: 29.692 min Scan# 4523
Delta R.T. 0.029 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

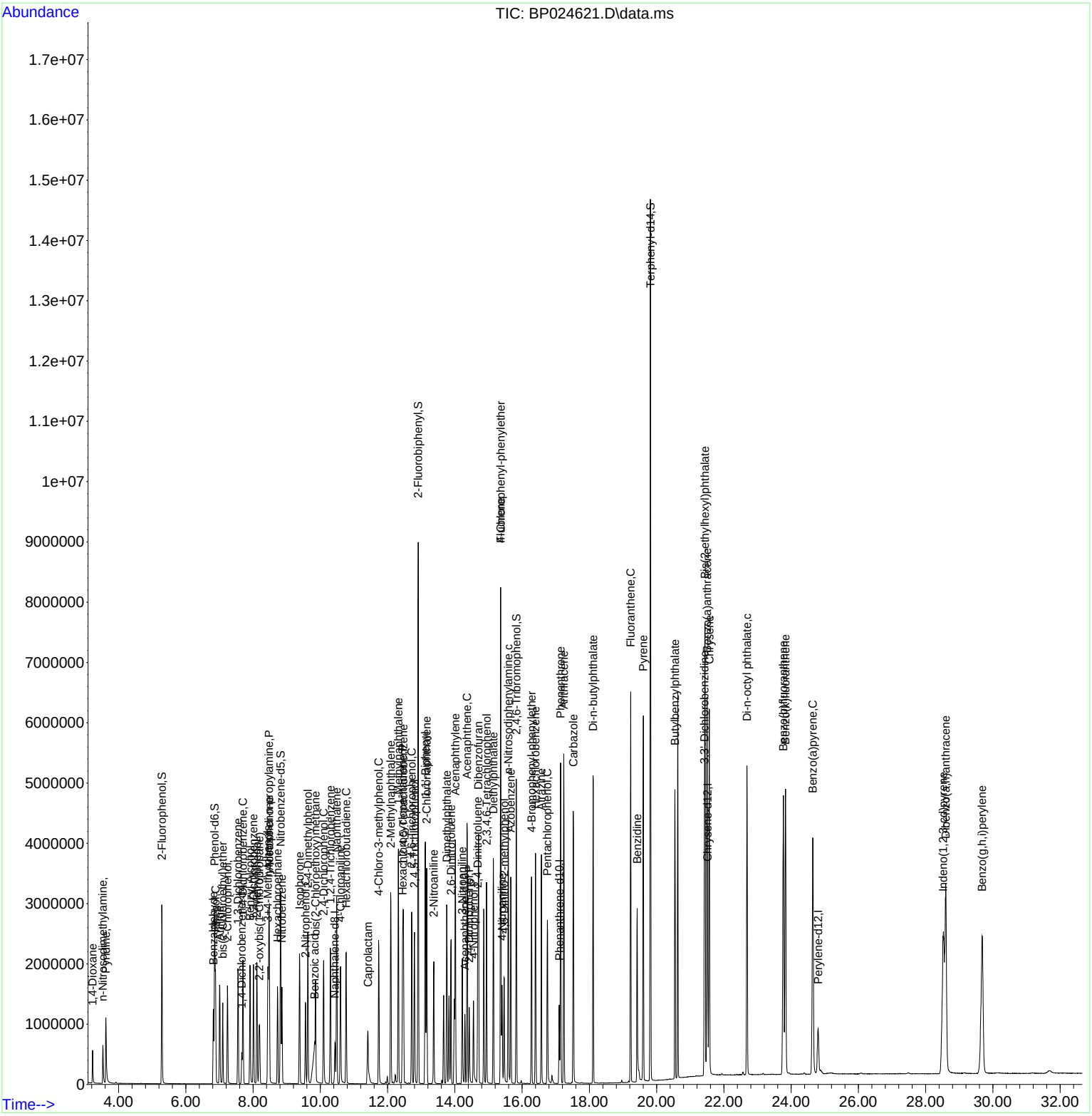
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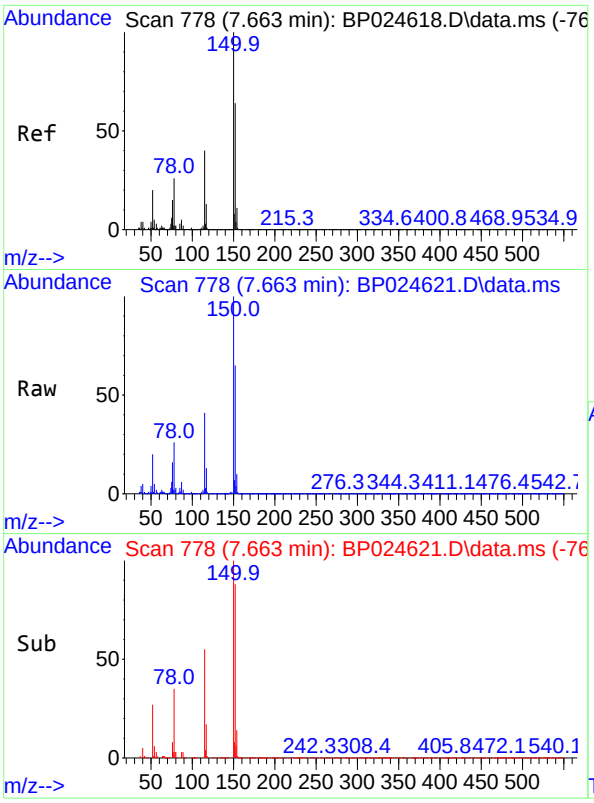
ICAL Form

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



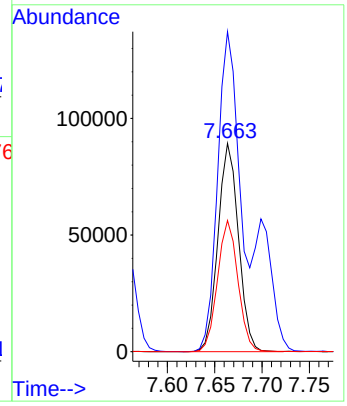


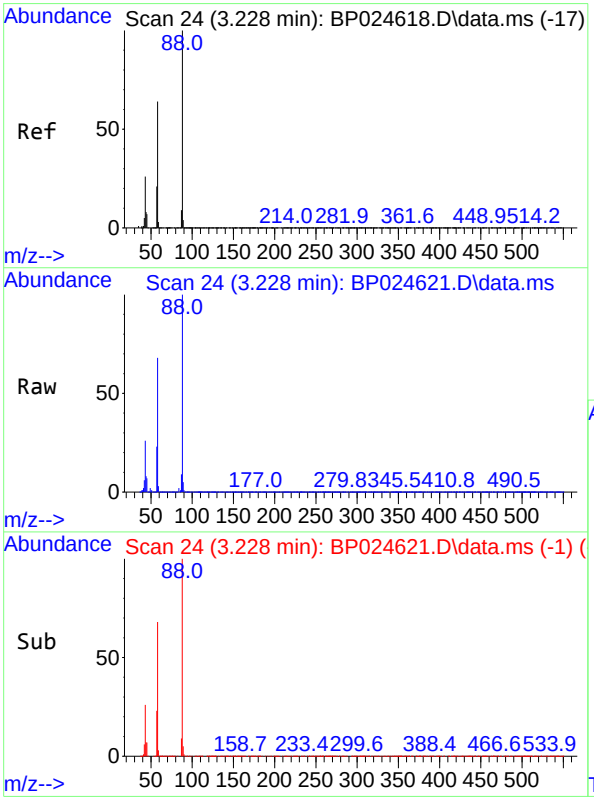
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

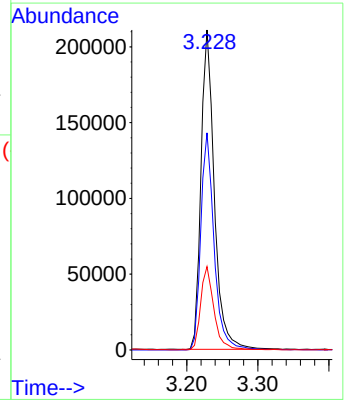


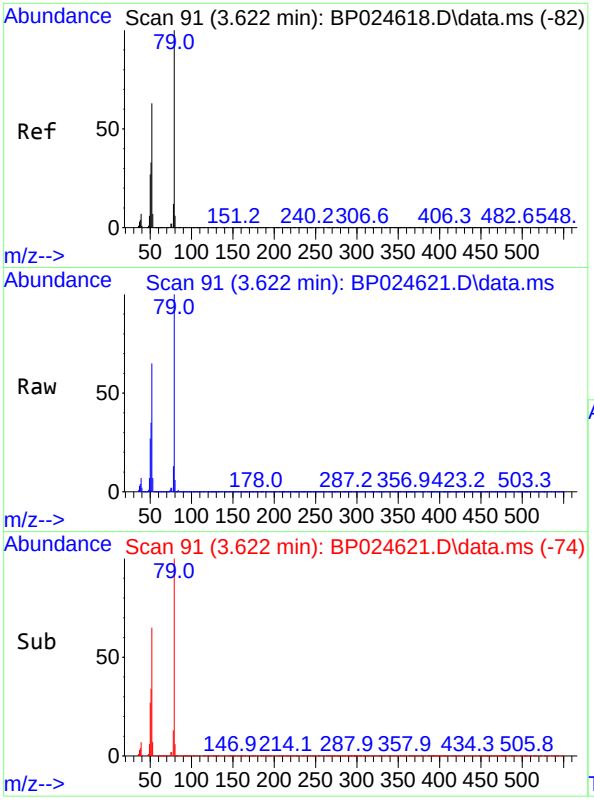


#2
1,4-Dioxane
Concen: 74.70 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



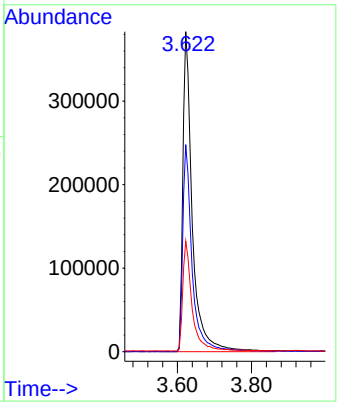


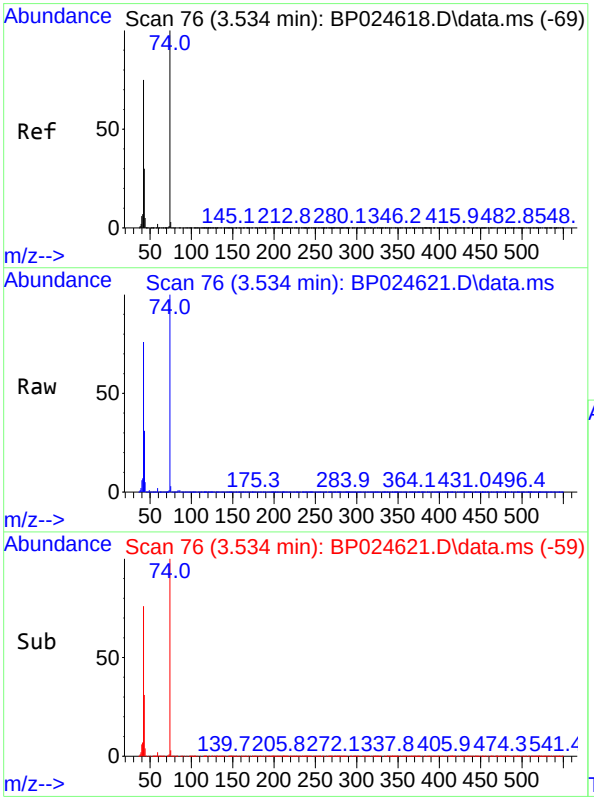
#3
Pyridine
Concen: 82.98 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

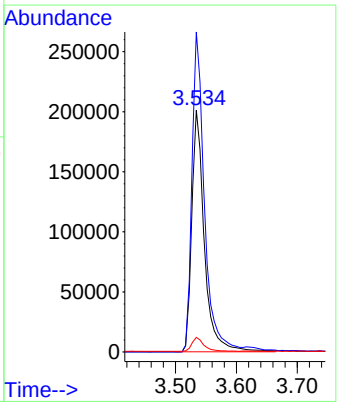


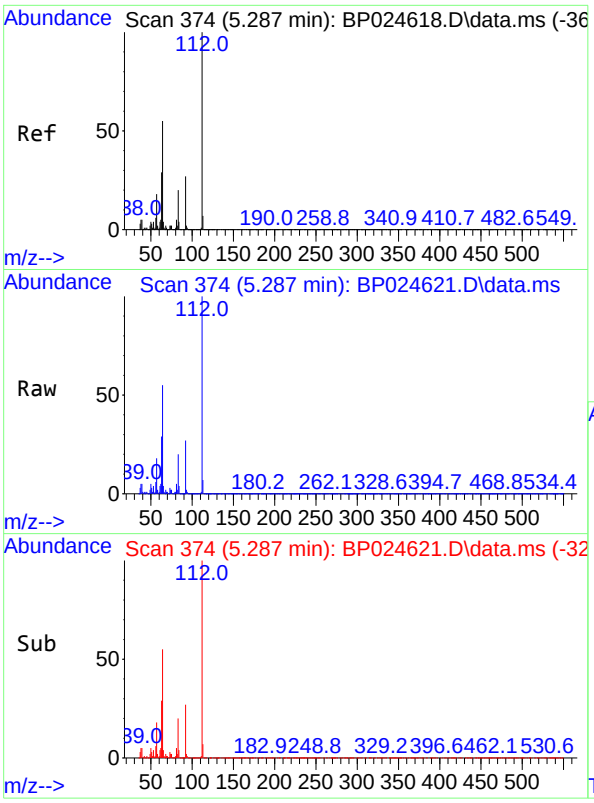


#4
n-Nitrosodimethylamine
Concen: 79.96 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



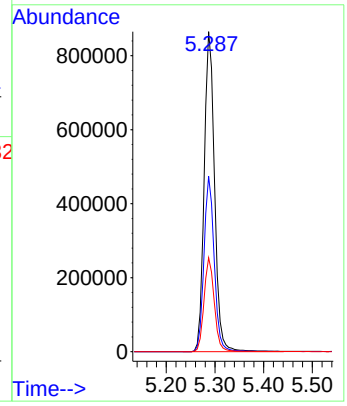


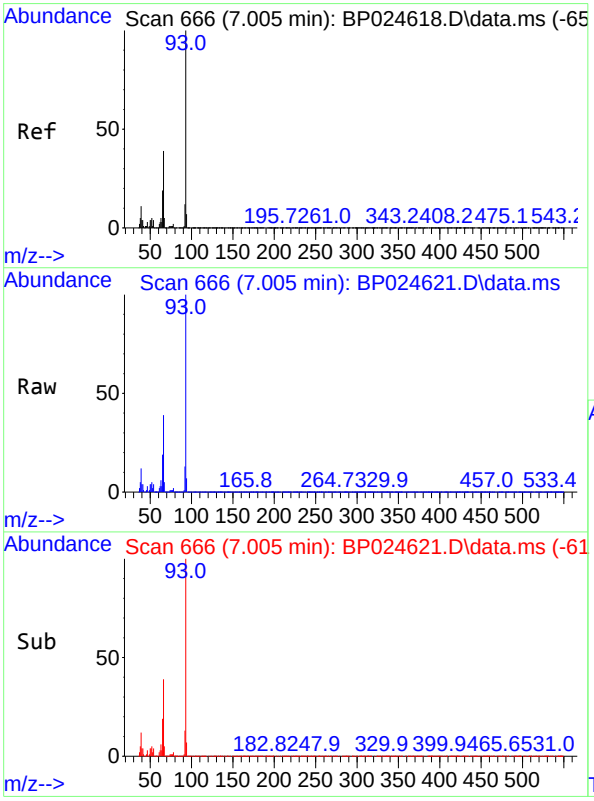
#5
2-Fluorophenol
Concen: 163.25 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

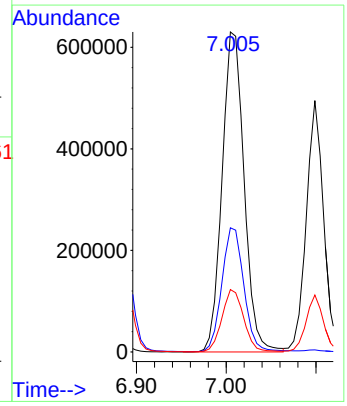


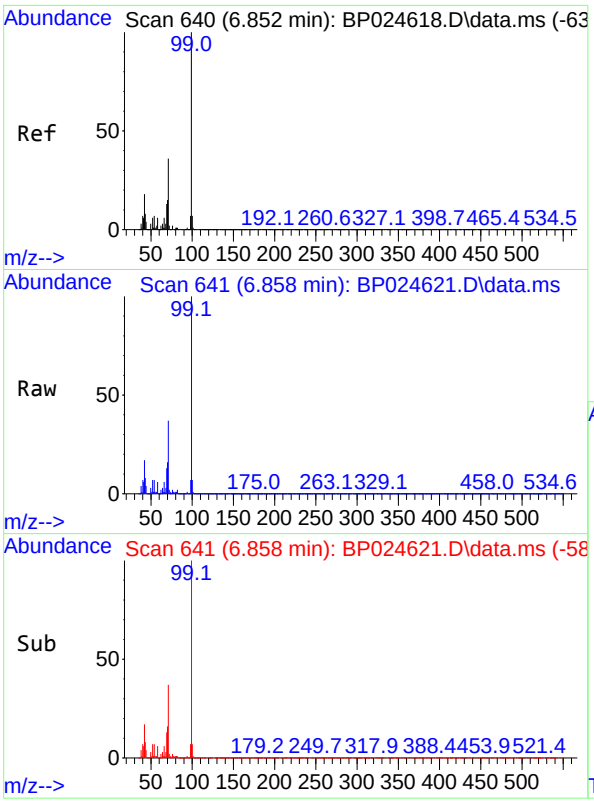


#6
Aniline
Concen: 82.99 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



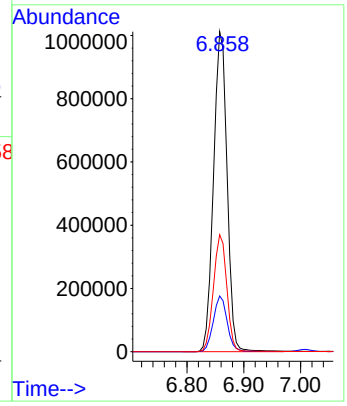


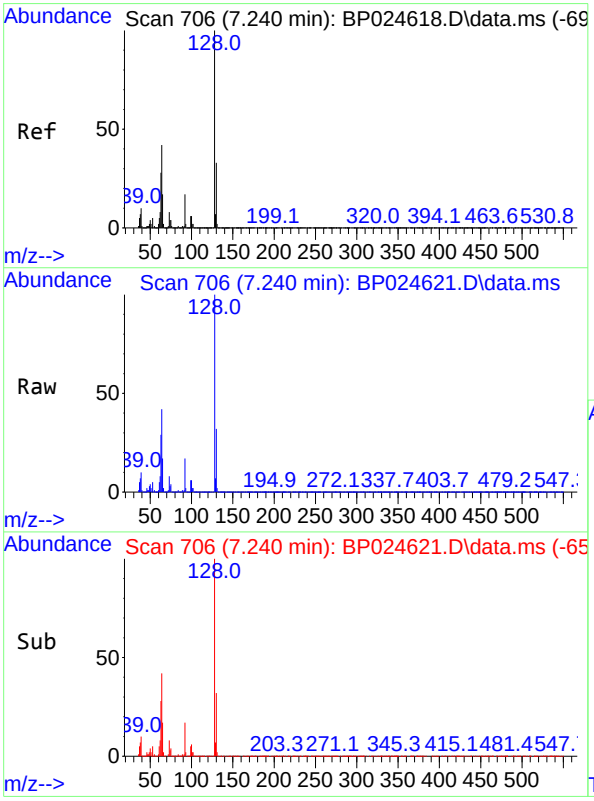
#7
Phenol-d6
Concen: 166.42 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

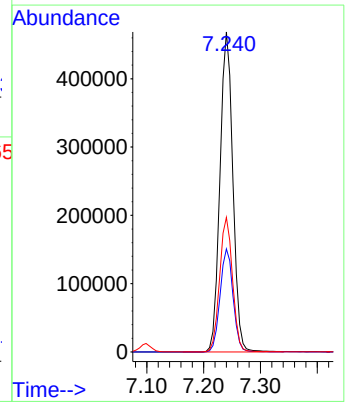


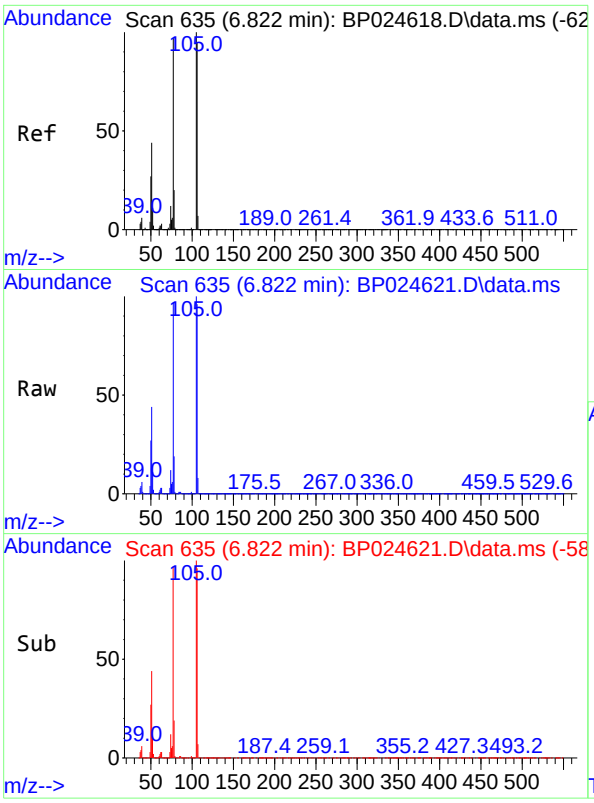


#8
2-Chlorophenol
Concen: 82.91 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



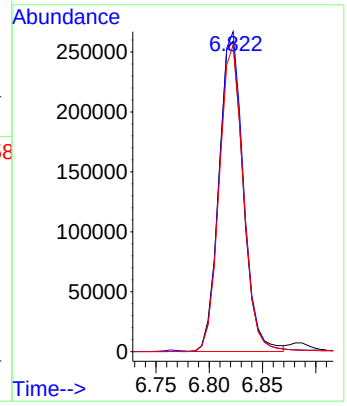


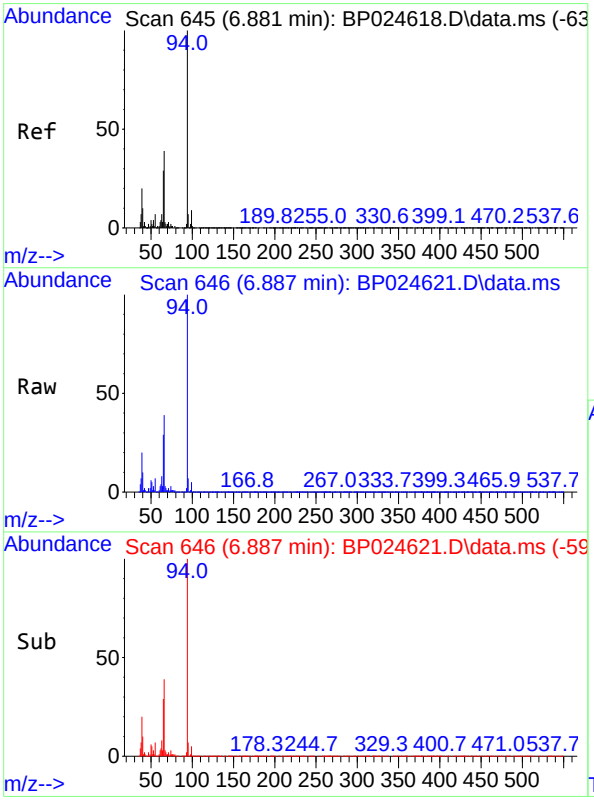
#9
Benzaldehyde
Concen: 63.54 ng
RT: 6.822 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

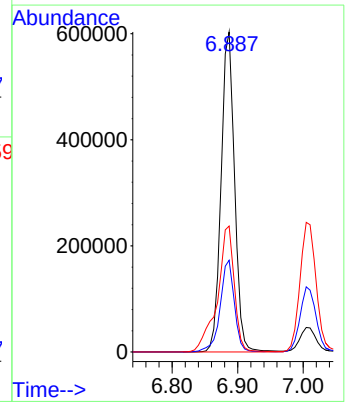


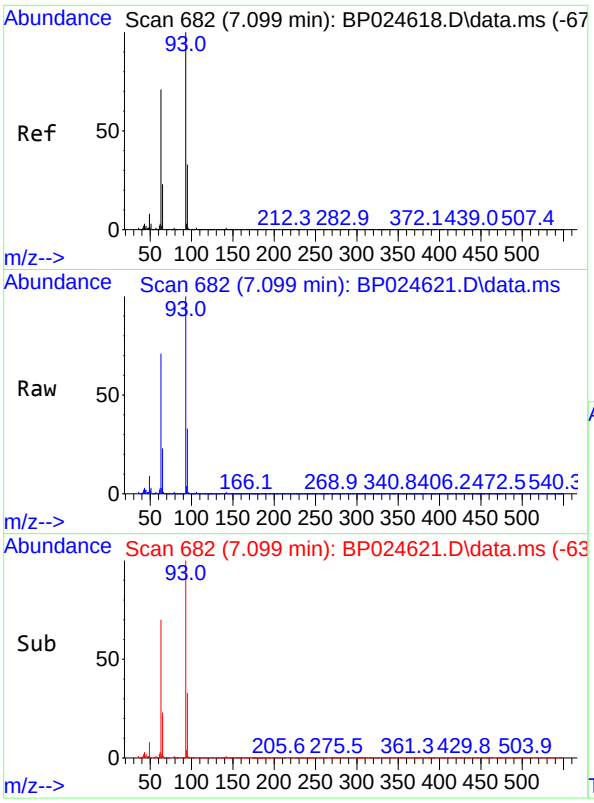


#10
Phenol
Concen: 82.95 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



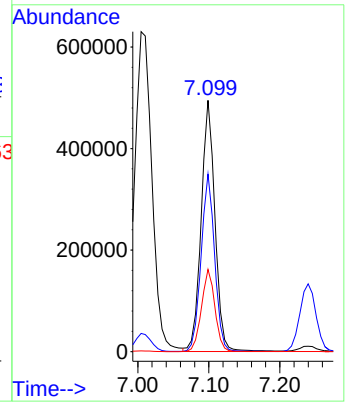


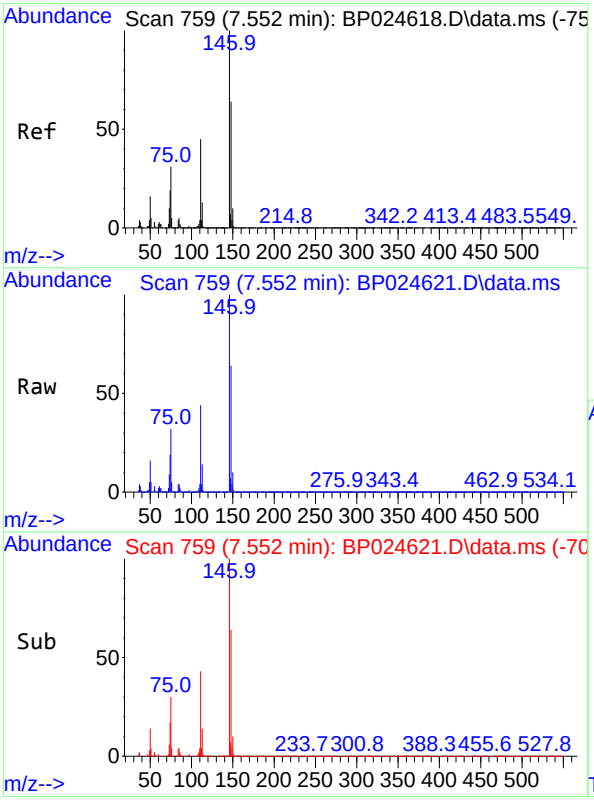
#11
bis(2-Chloroethyl)ether
Concen: 78.79 ng
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

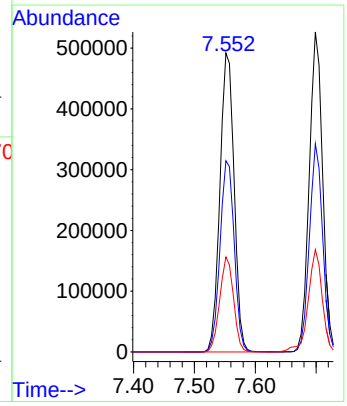


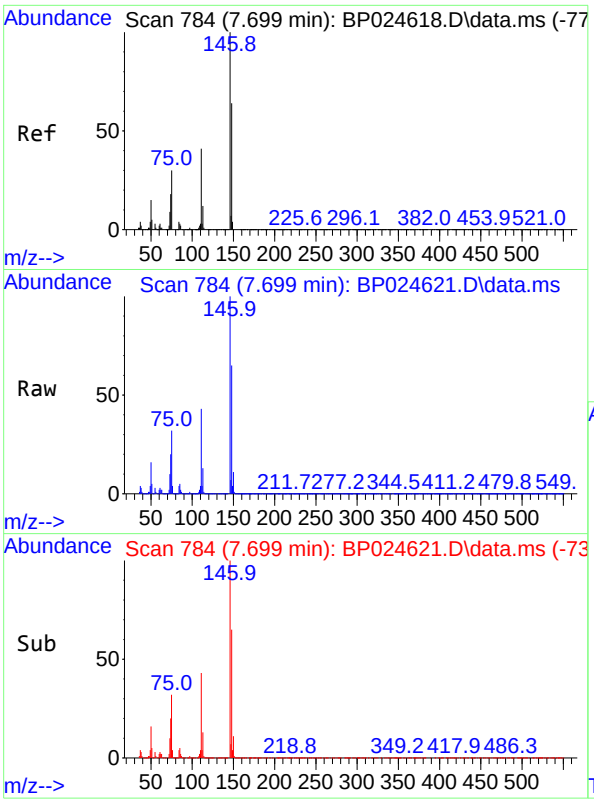


#12
1,3-Dichlorobenzene
Concen: 77.51 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



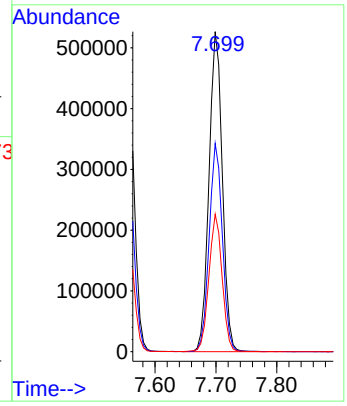


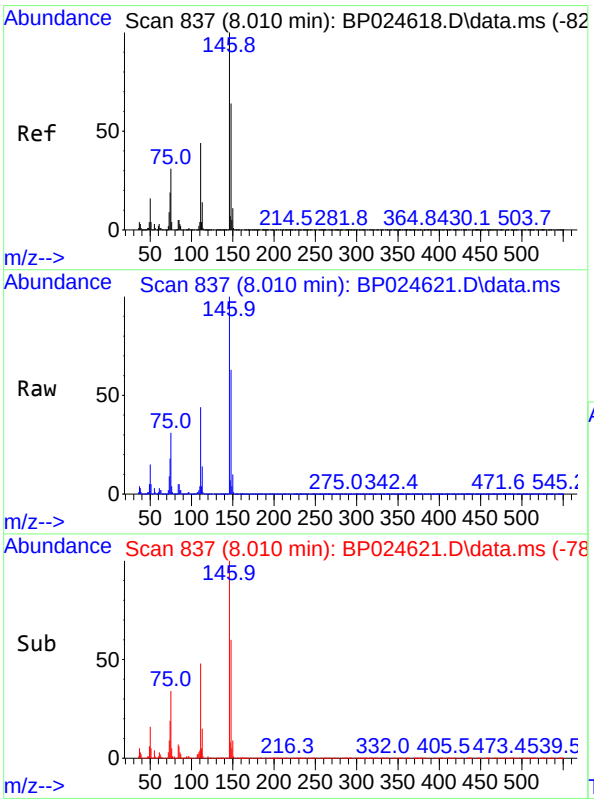
#13
1,4-Dichlorobenzene
Concen: 77.67 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

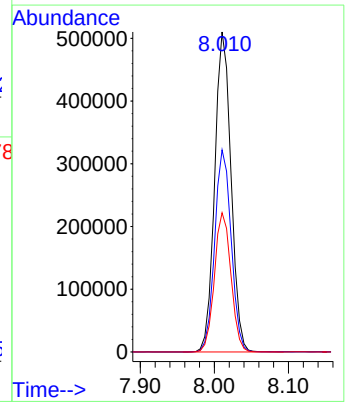


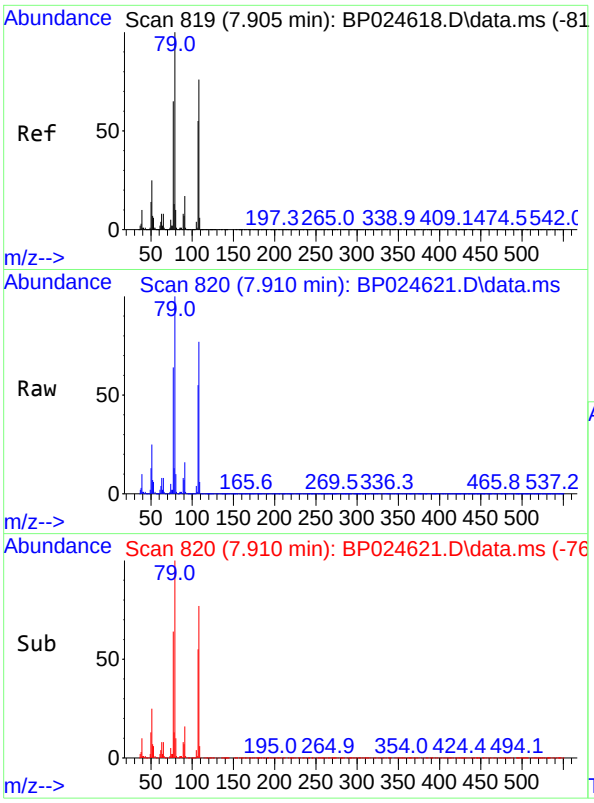


#14
1,2-Dichlorobenzene
Concen: 77.43 ng
RT: 8.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



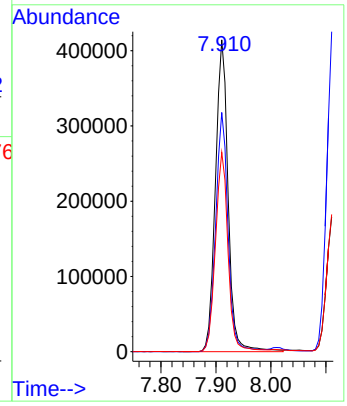


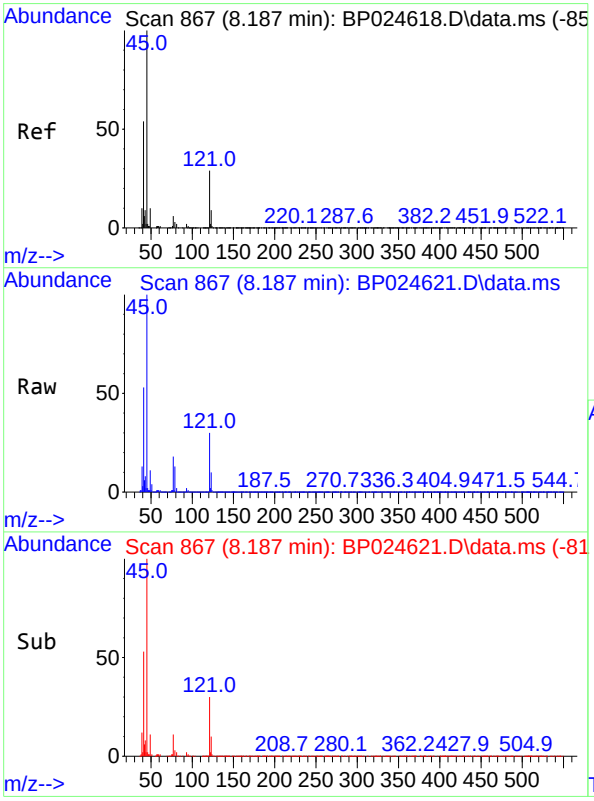
#15
Benzyl Alcohol
Concen: 87.16 ng
RT: 7.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

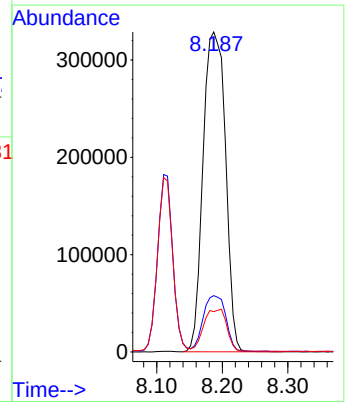


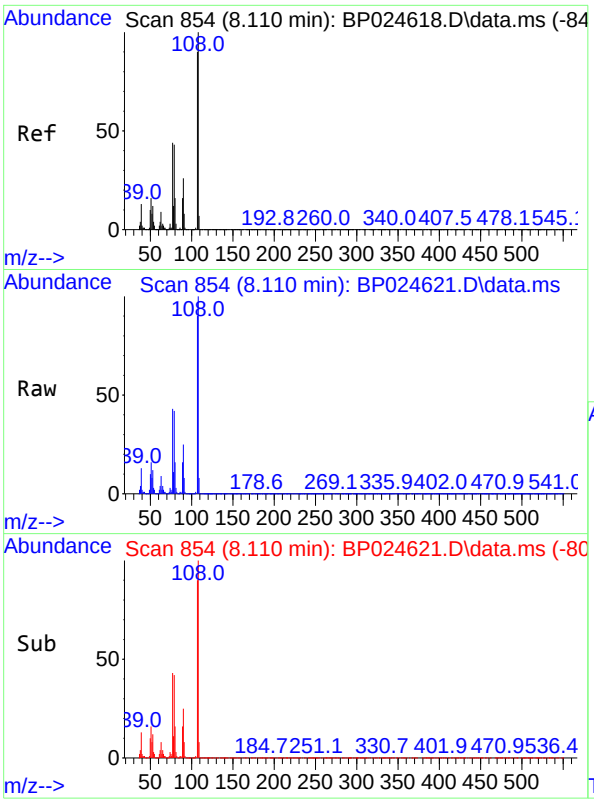


#16
2,2'-oxybis(1-Chloropropane)
Concen: 76.75 ng
RT: 8.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



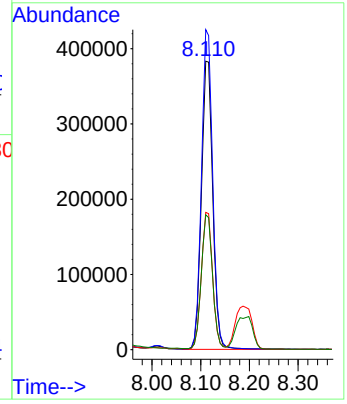


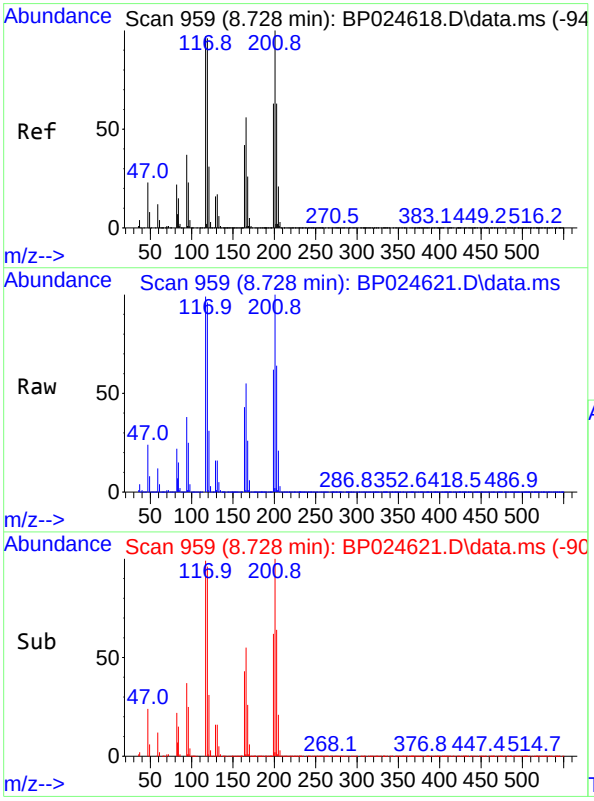
#17
2-Methylphenol
Concen: 83.58 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

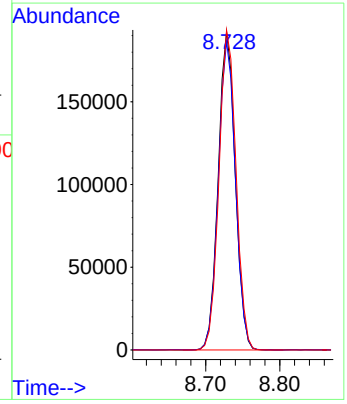


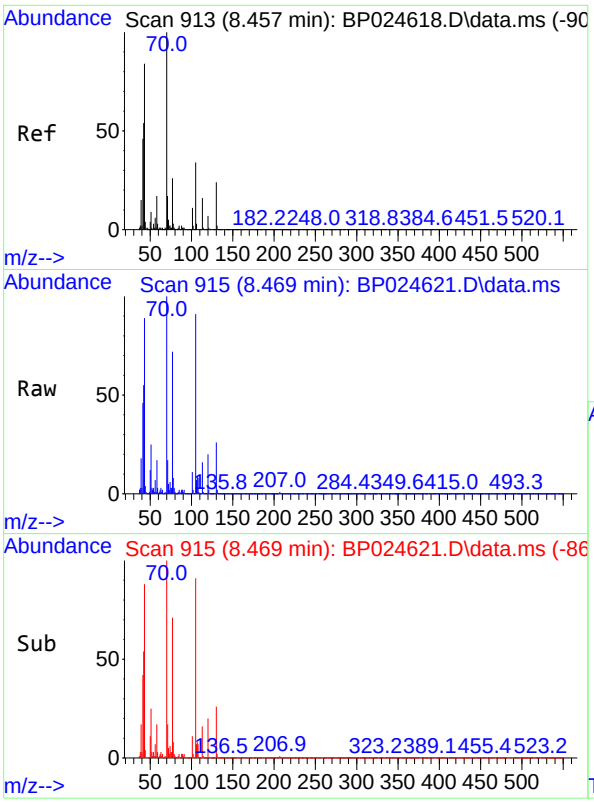


#18
Hexachloroethane
Concen: 77.52 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



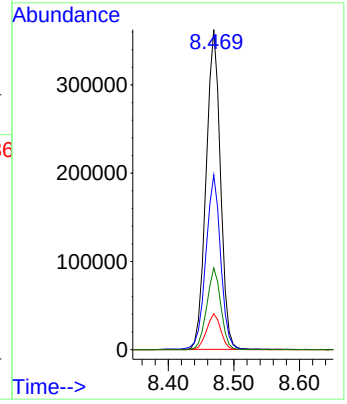


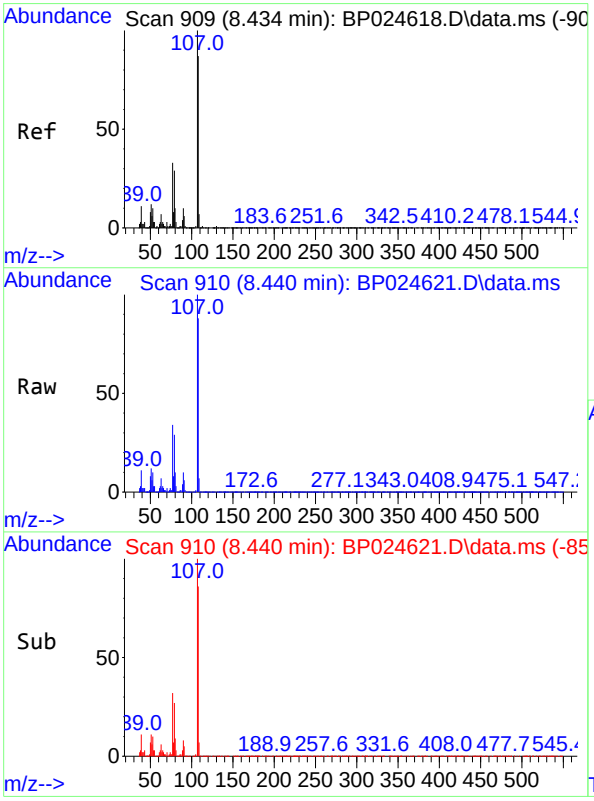
#19
n-Nitroso-di-n-propylamine
Concen: 79.50 ng
RT: 8.469 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

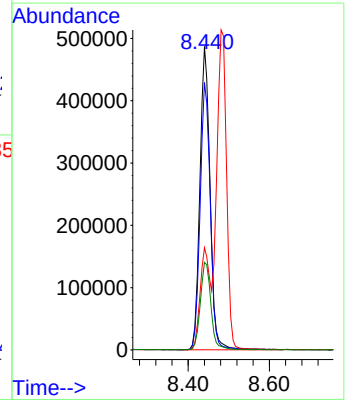


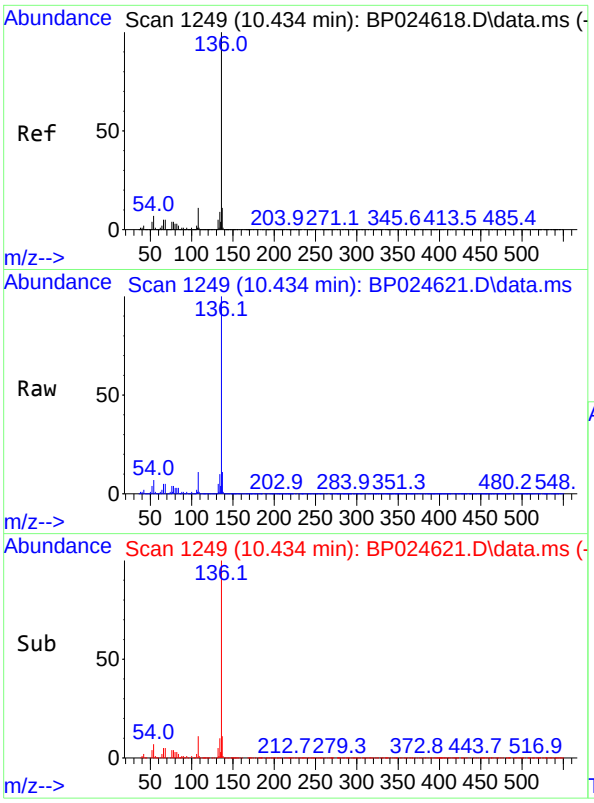


#20
3+4-Methylphenols
Concen: 84.32 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



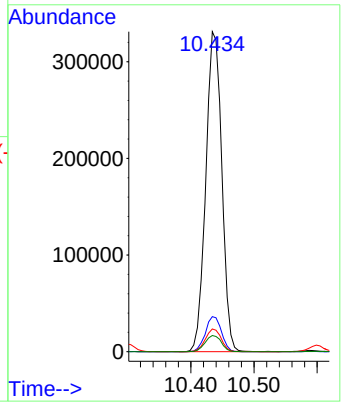


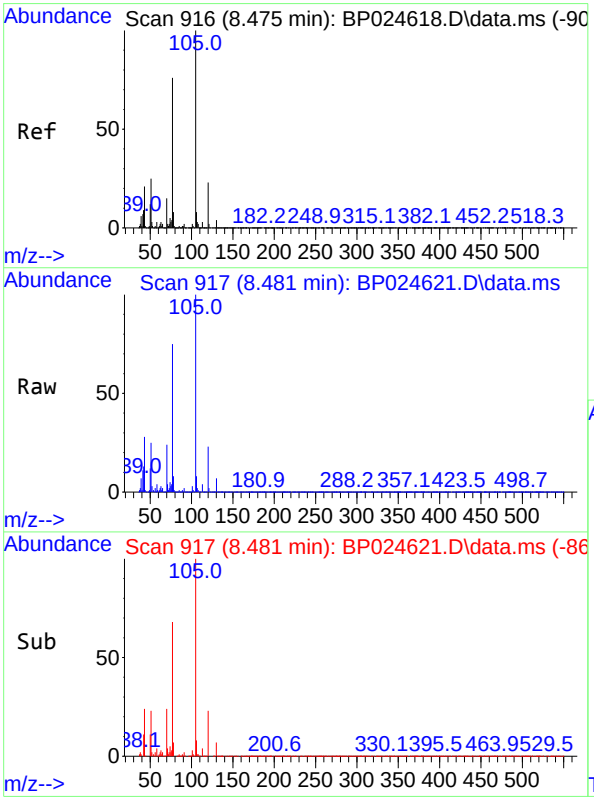
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

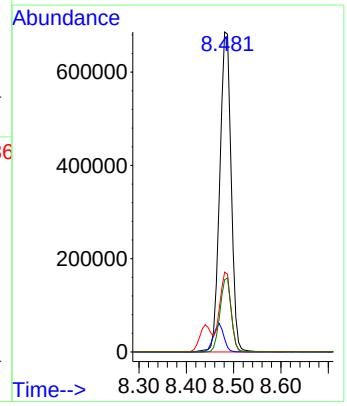


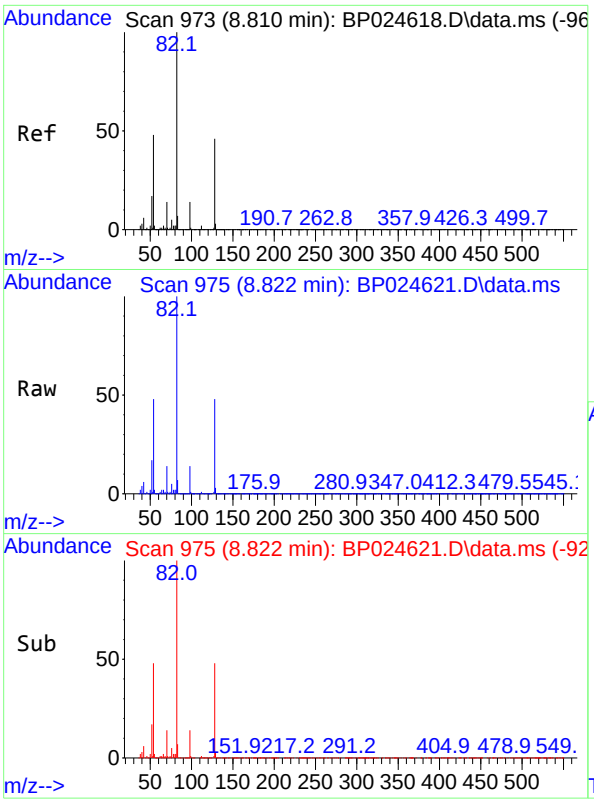


#22
Acetophenone
Concen: 78.62 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



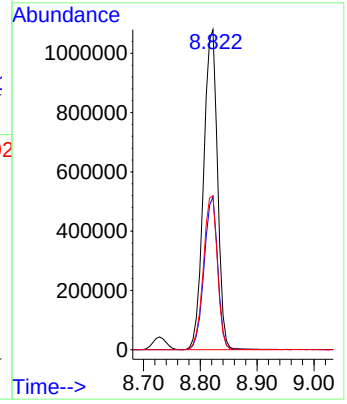


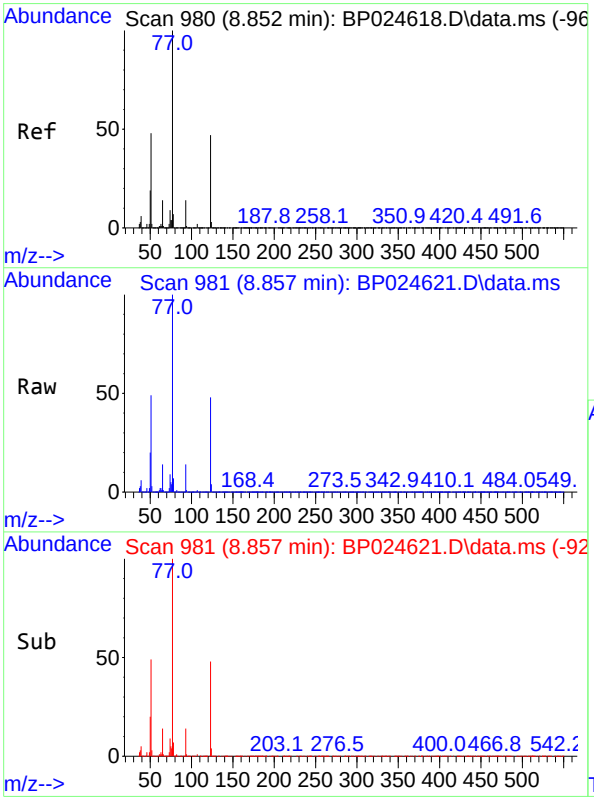
#23
Nitrobenzene-d5
Concen: 159.12 ng
RT: 8.822 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

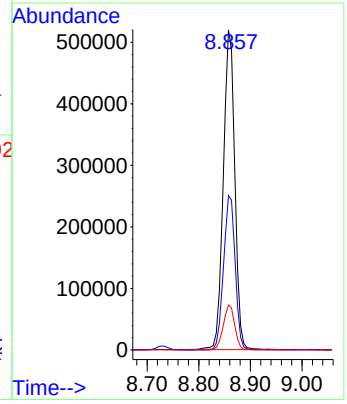


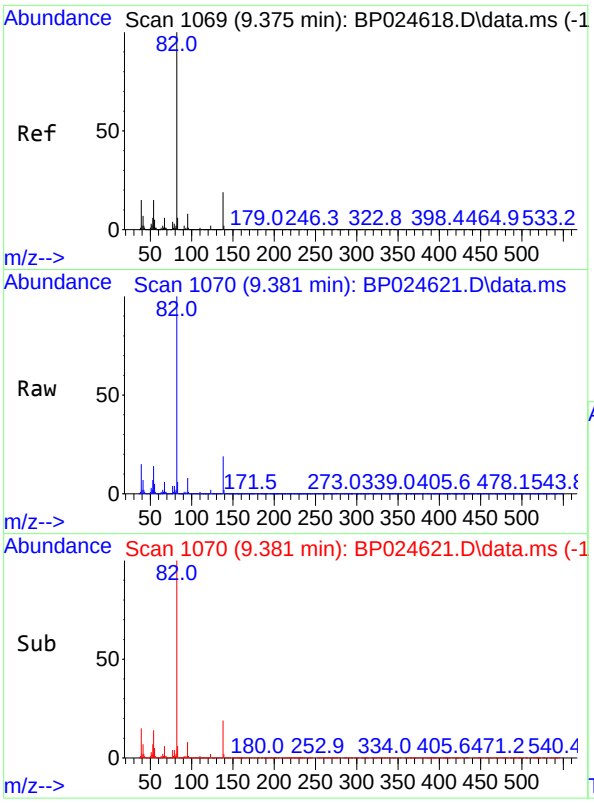


#24
Nitrobenzene
Concen: 79.02 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



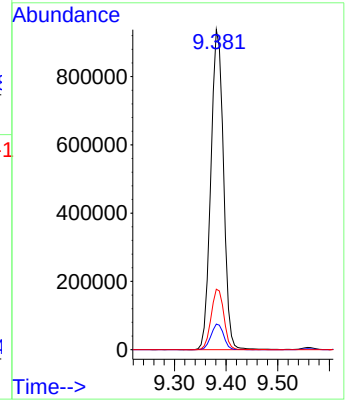


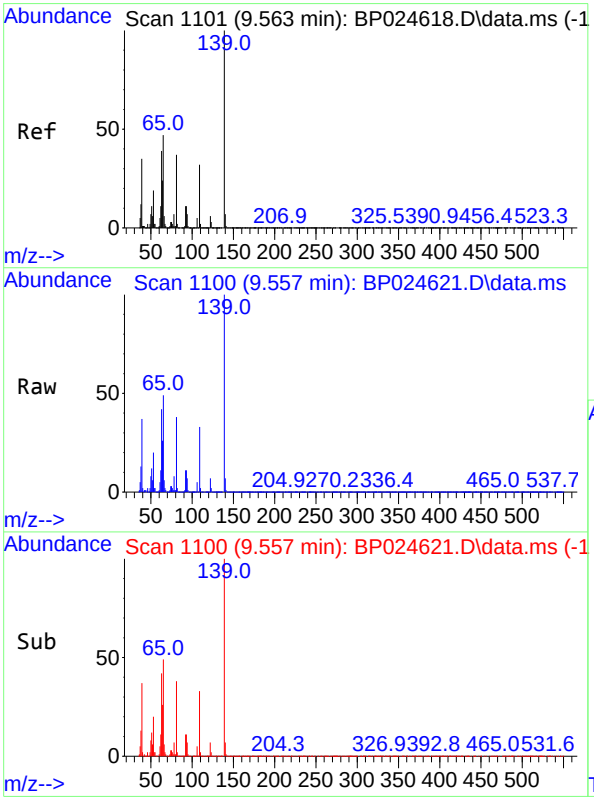
#25
Isophorone
Concen: 79.42 ng
RT: 9.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

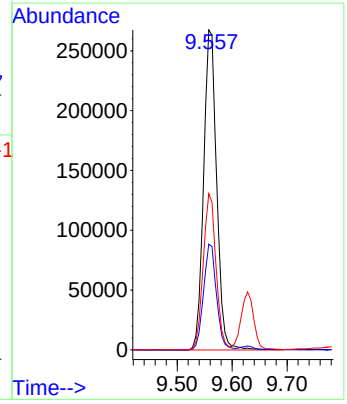


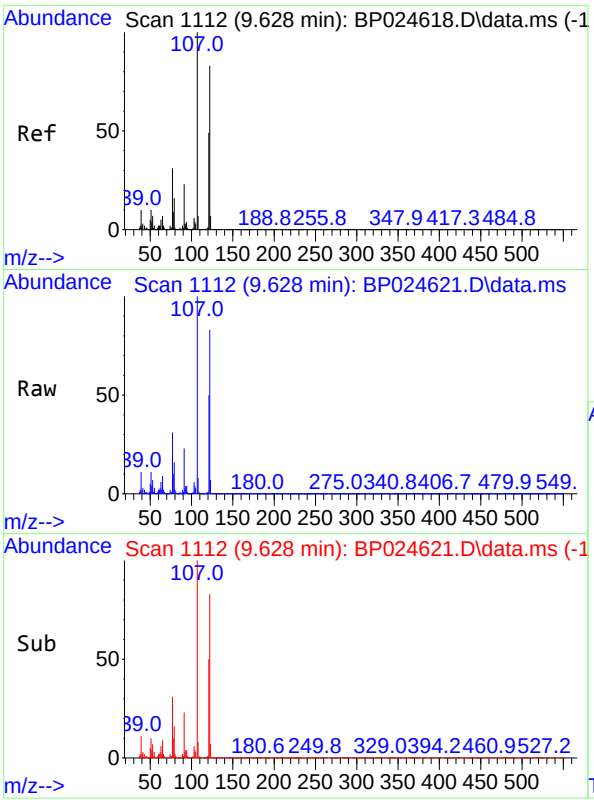


#26
2-Nitrophenol
Concen: 88.67 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



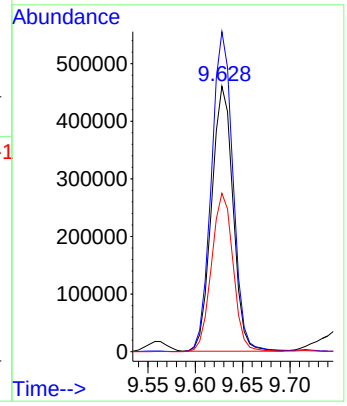


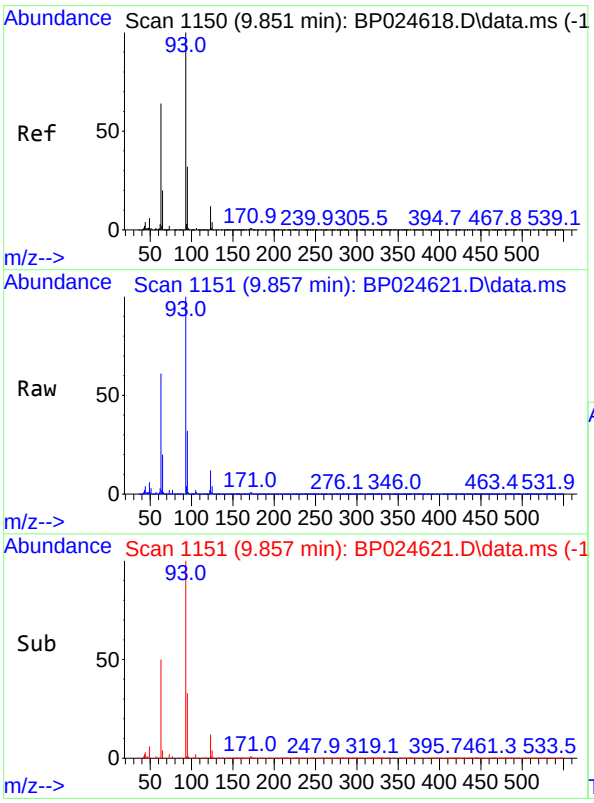
#27
2,4-Dimethylphenol
Concen: 82.17 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

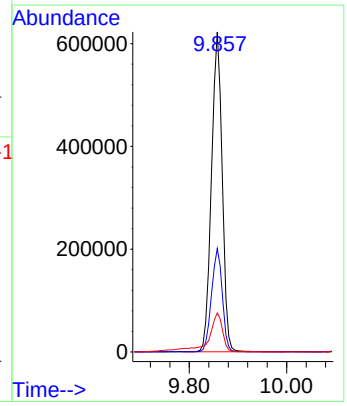


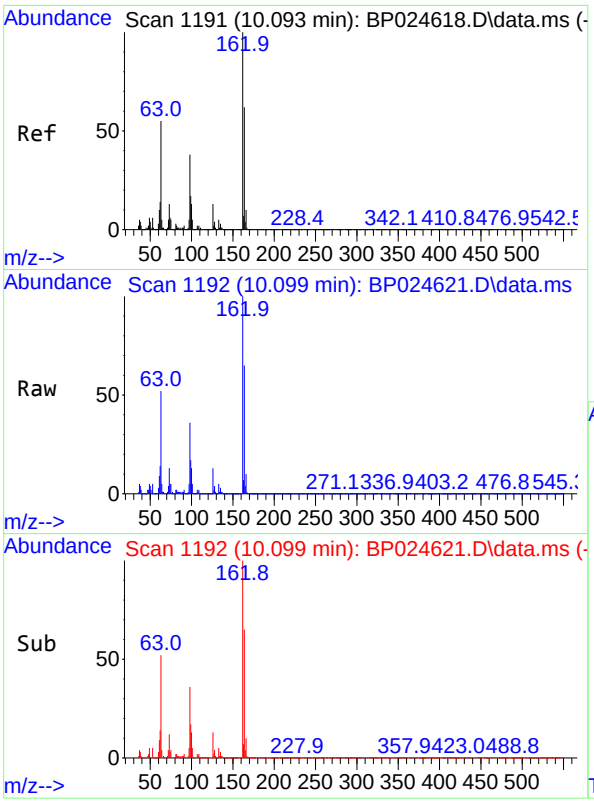


#28
bis(2-Chloroethoxy)methane
Concen: 78.98 ng
RT: 9.857 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



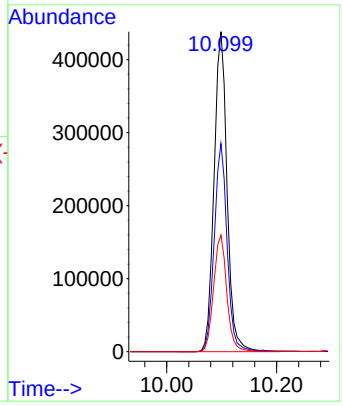


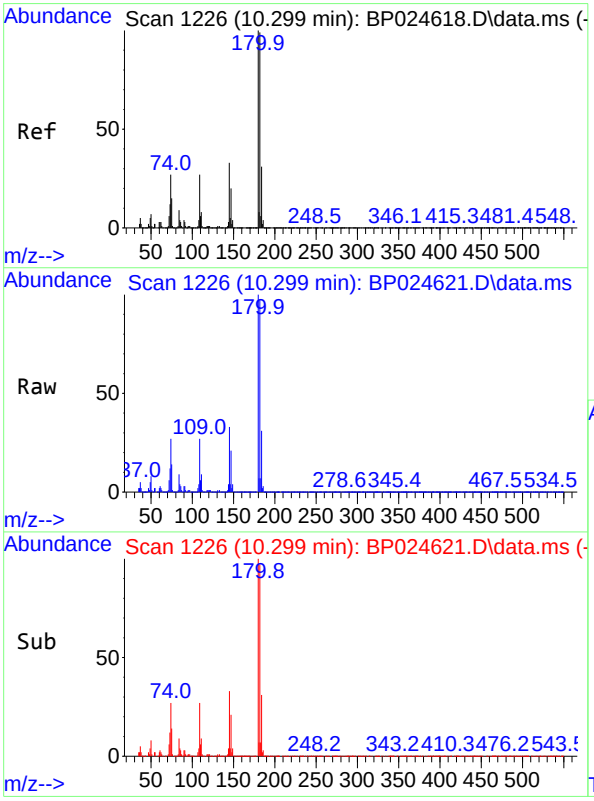
#29
2,4-Dichlorophenol
Concen: 84.70 ng
RT: 10.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

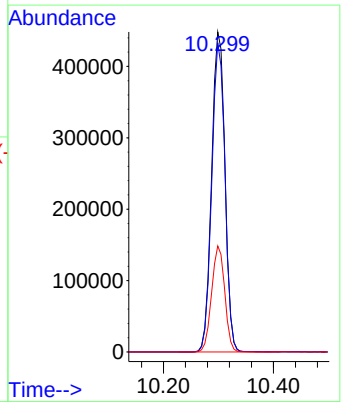


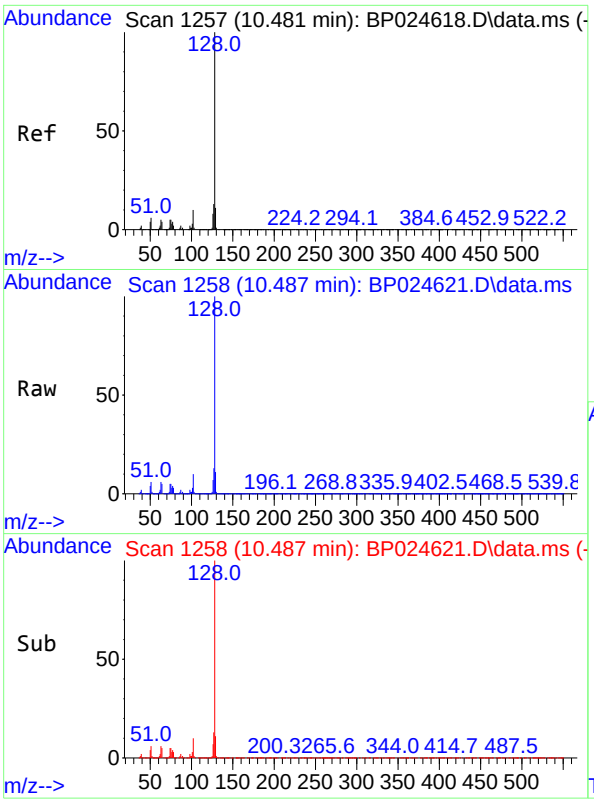


#30
1,2,4-Trichlorobenzene
Concen: 78.69 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



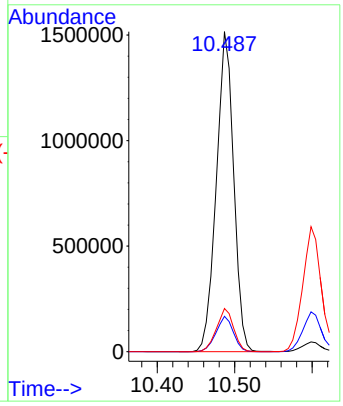


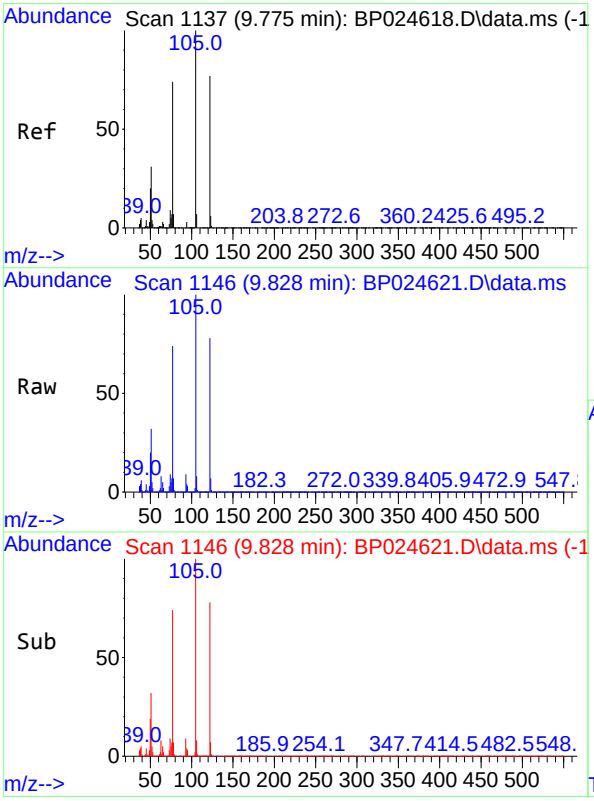
#31
Naphthalene
Concen: 77.77 ng
RT: 10.487 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

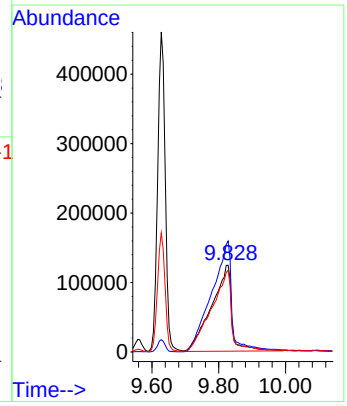


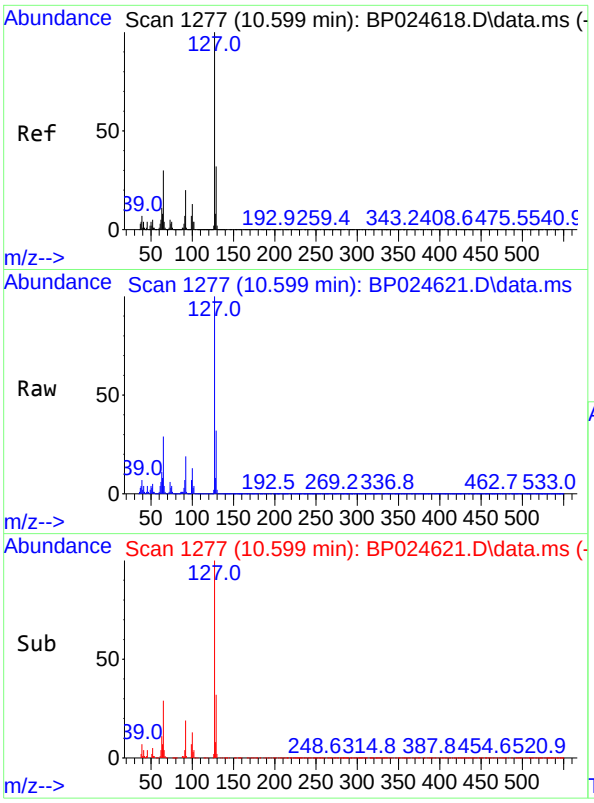


#32
Benzoic acid
Concen: 80.15 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.053 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



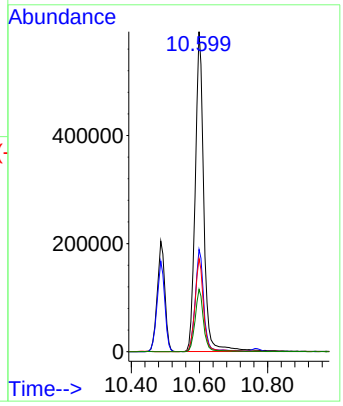


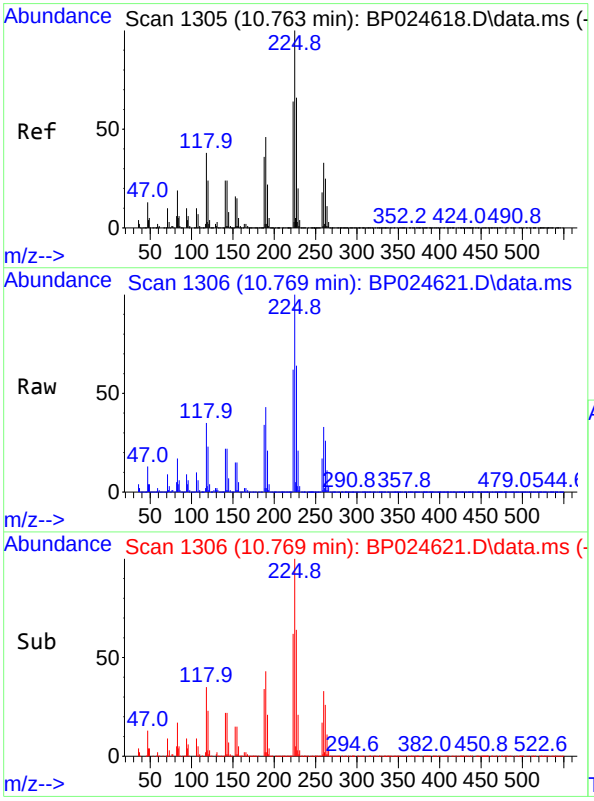
#33
4-Chloroaniline
Concen: 84.61 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

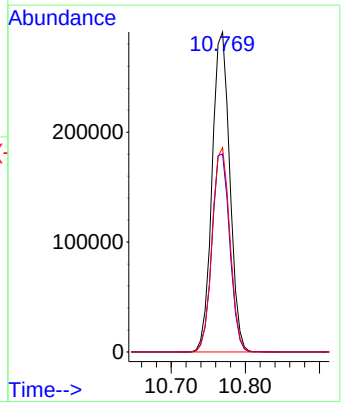


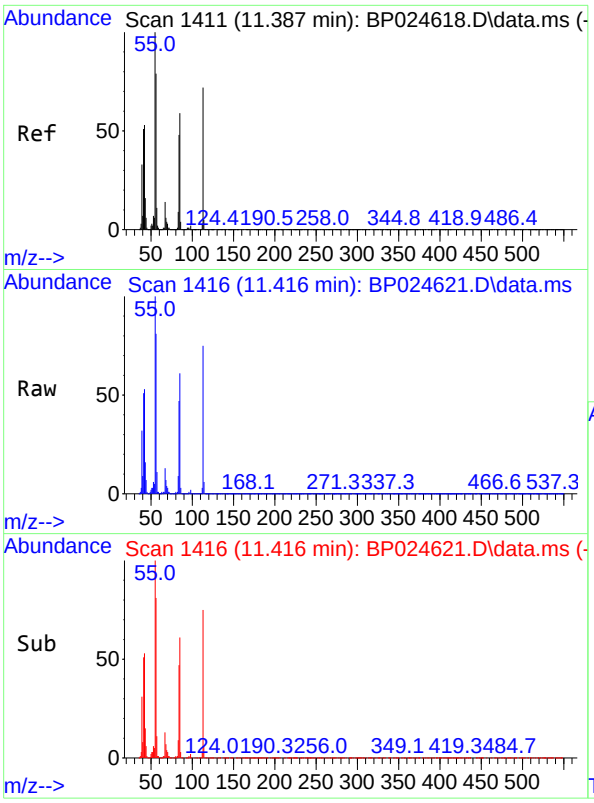


#34
Hexachlorobutadiene
Concen: 77.35 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



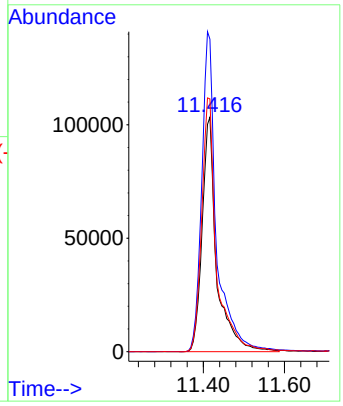


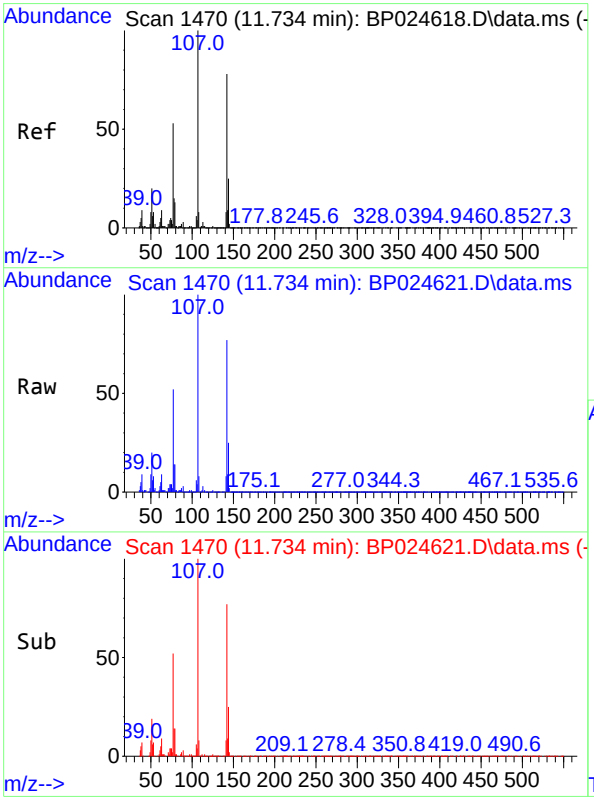
#35
Caprolactam
Concen: 83.50 ng
RT: 11.416 min Scan# 14
Delta R.T. 0.029 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

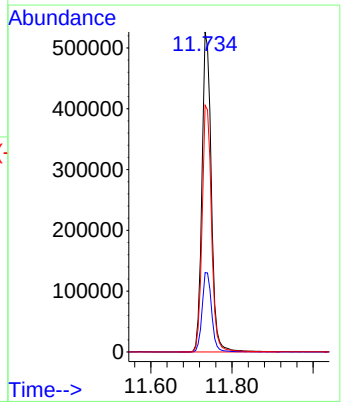


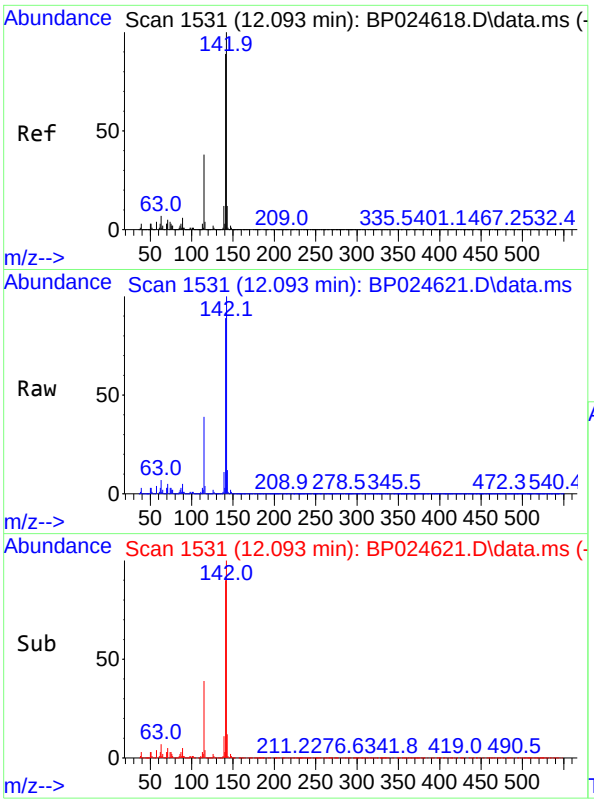


#36
4-Chloro-3-methylphenol
Concen: 80.74 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



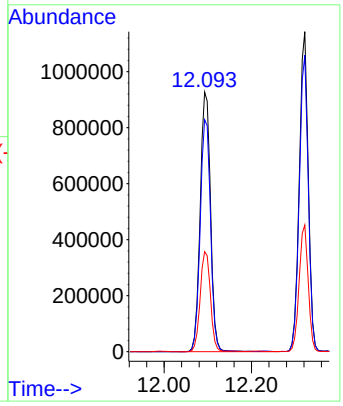


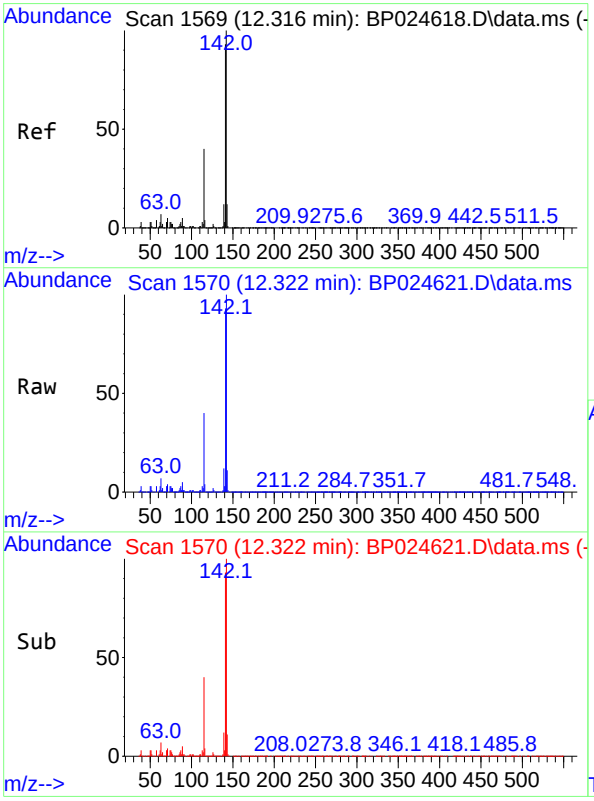
#37
2-Methylnaphthalene
Concen: 78.01 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

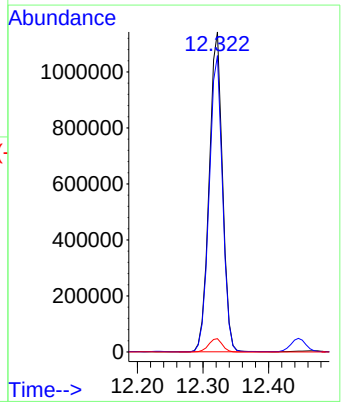


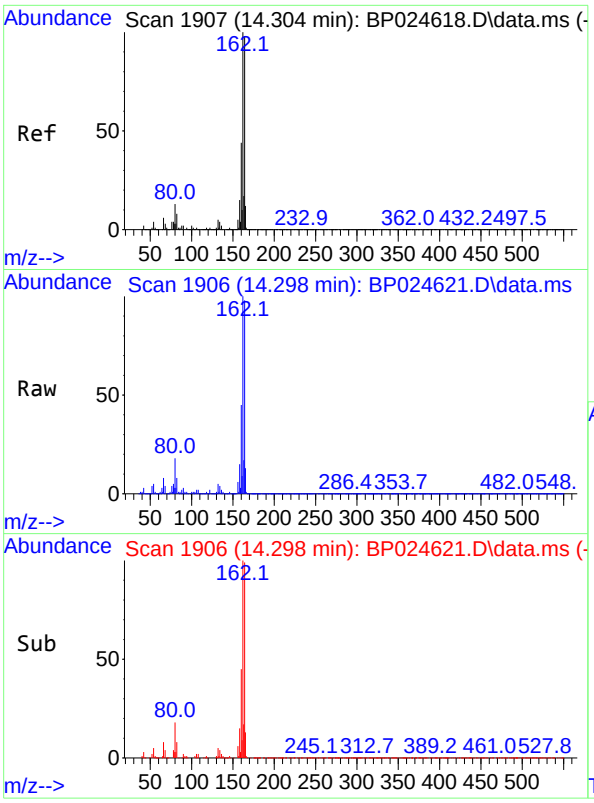


#38
1-Methylnaphthalene
Concen: 76.92 ng
RT: 12.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



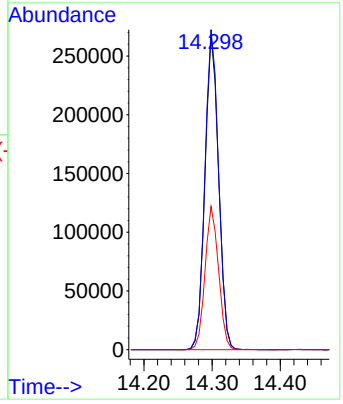


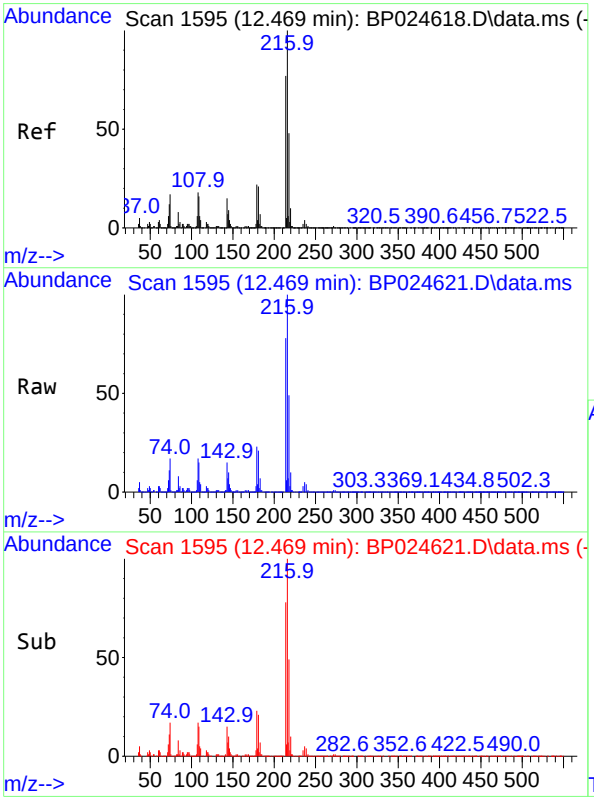
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.298 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

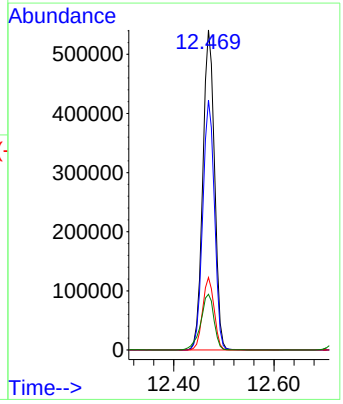


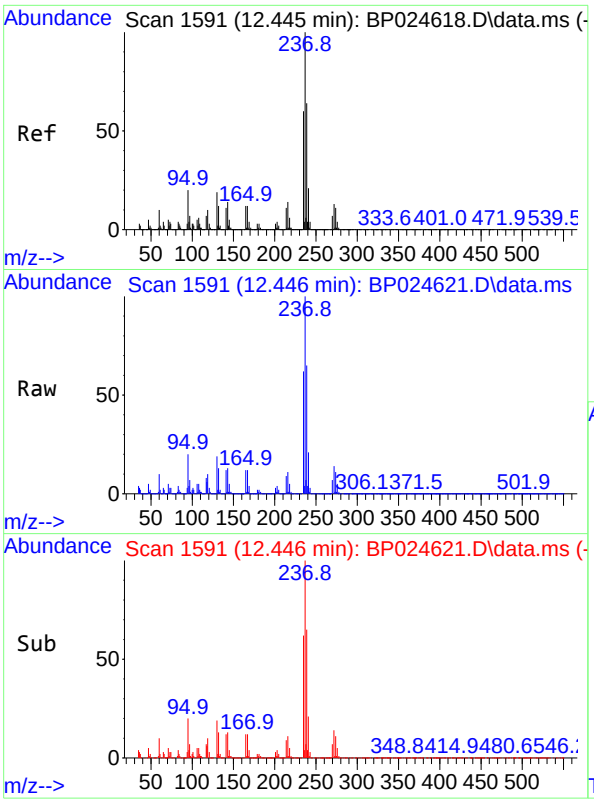


#40
1,2,4,5-Tetrachlorobenzene
Concen: 80.73 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



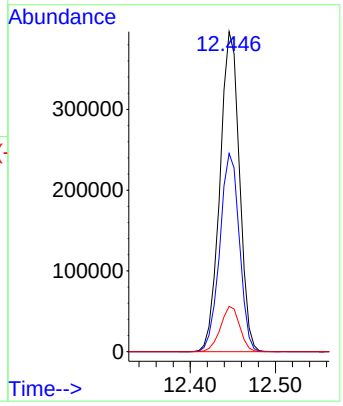


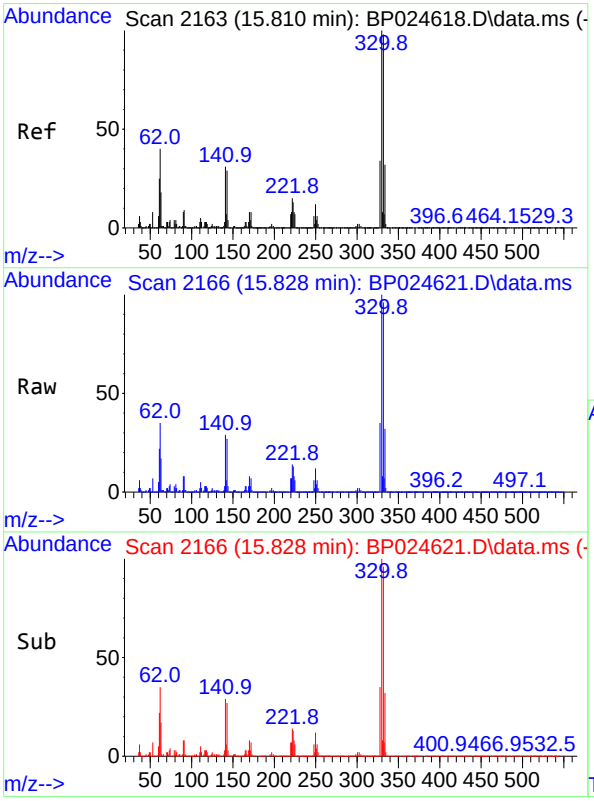
#41
Hexachlorocyclopentadiene
Concen: 95.54 ng
RT: 12.446 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

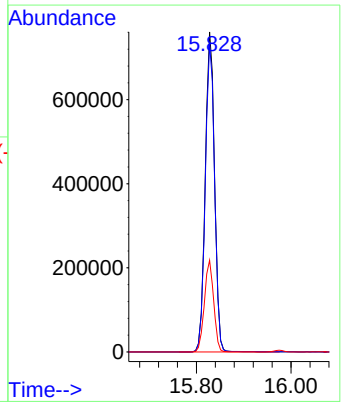


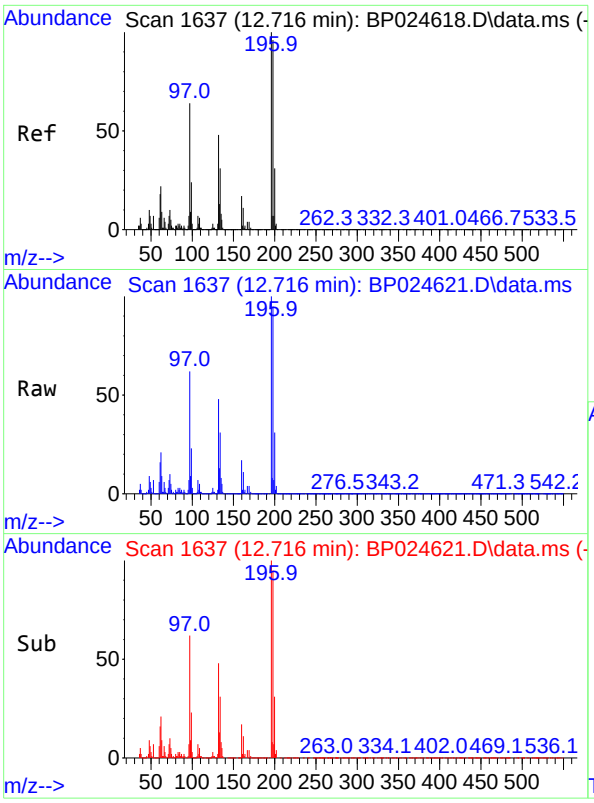


#42
2,4,6-Tribromophenol
Concen: 163.05 ng
RT: 15.828 min Scan# 2166
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



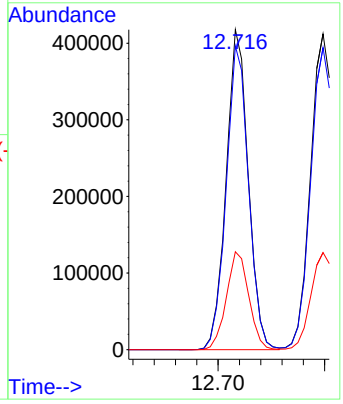


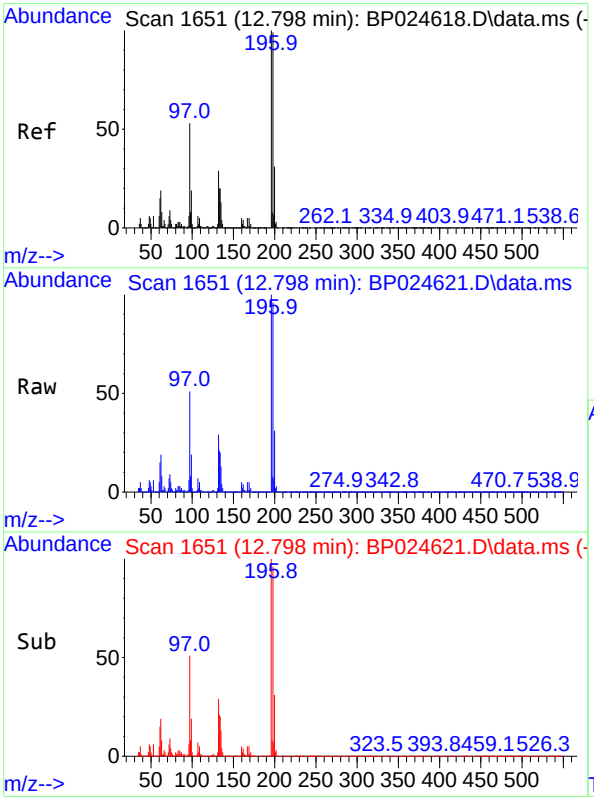
#43
2,4,6-Trichlorophenol
Concen: 85.58 ng
RT: 12.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

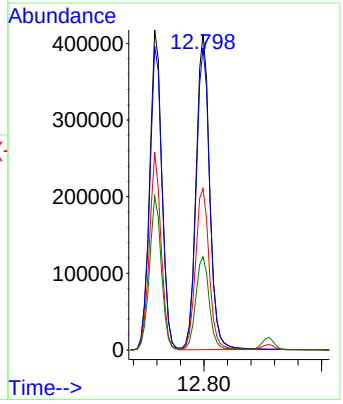


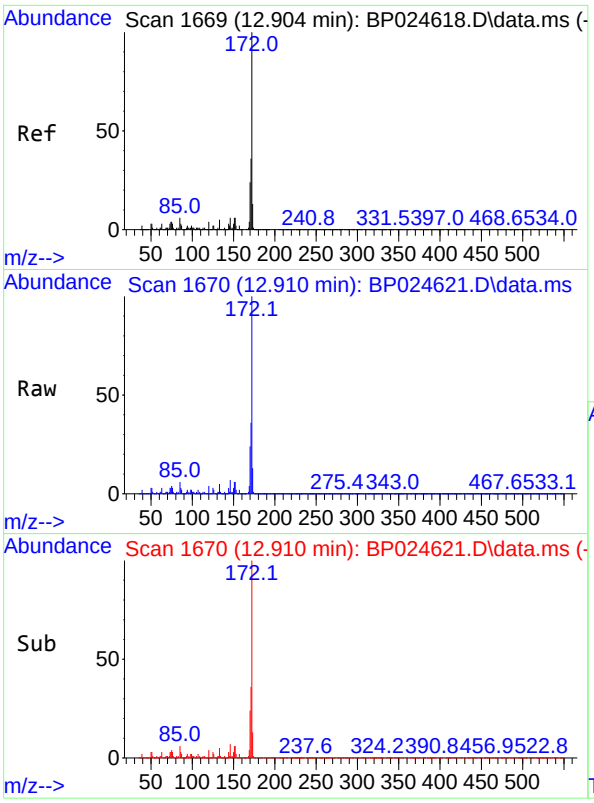


#44
2,4,5-Trichlorophenol
Concen: 84.05 ng
RT: 12.798 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



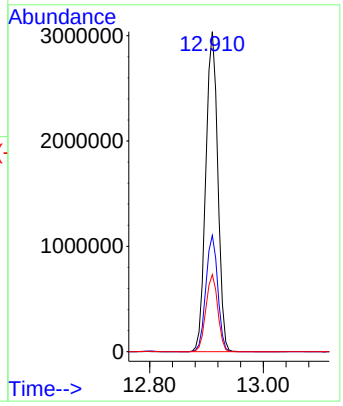


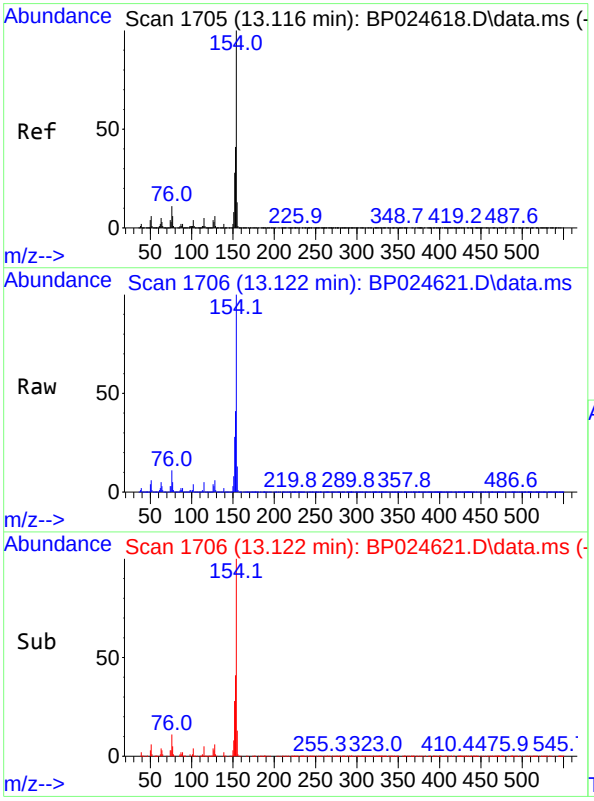
#45
2-Fluorobiphenyl
Concen: 155.65 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

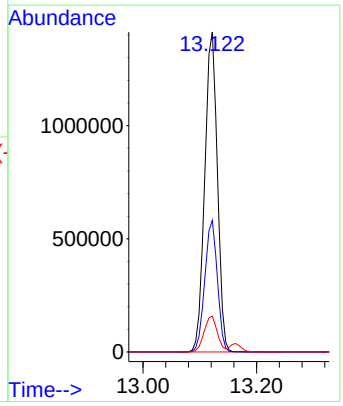


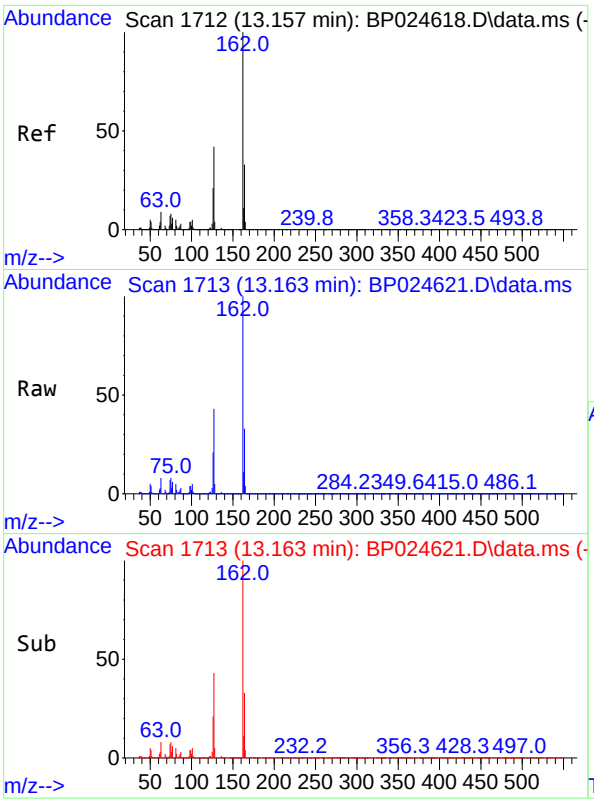


#46
1,1'-Biphenyl
Concen: 78.79 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



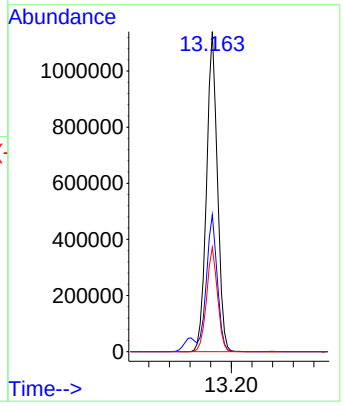


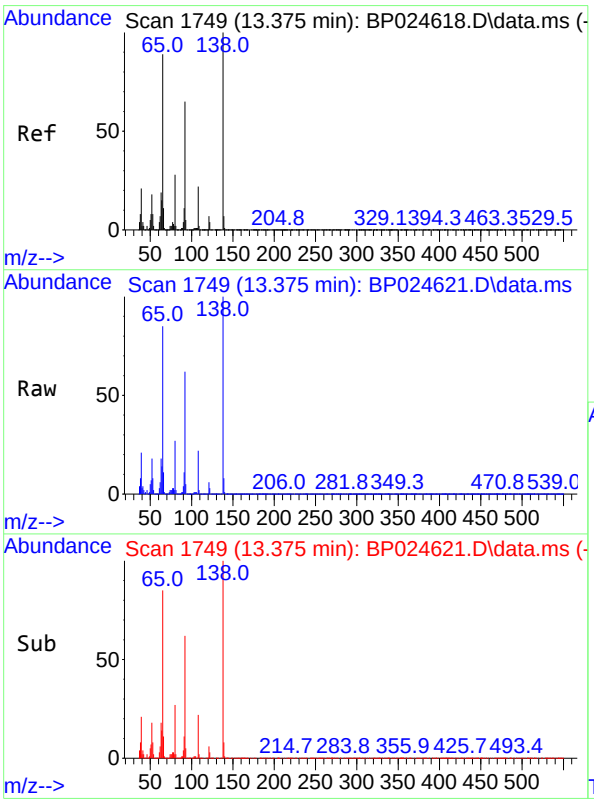
#47
2-Chloronaphthalene
Concen: 78.99 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

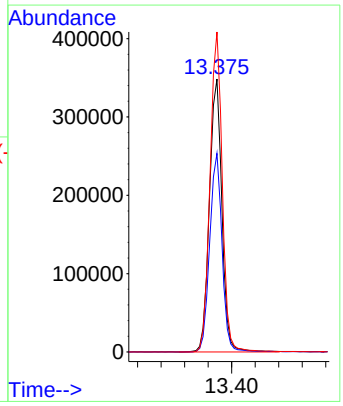


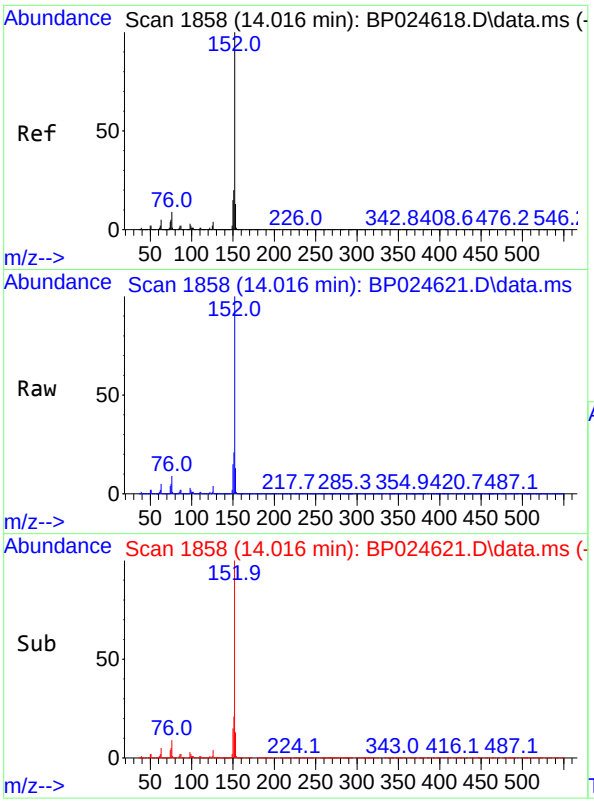


#48
2-Nitroaniline
Concen: 82.22 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



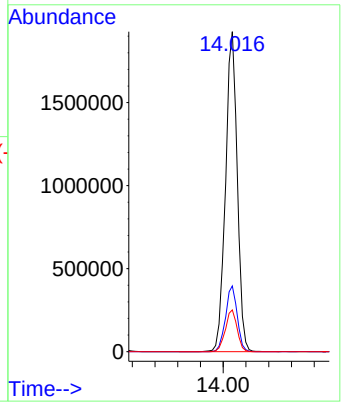


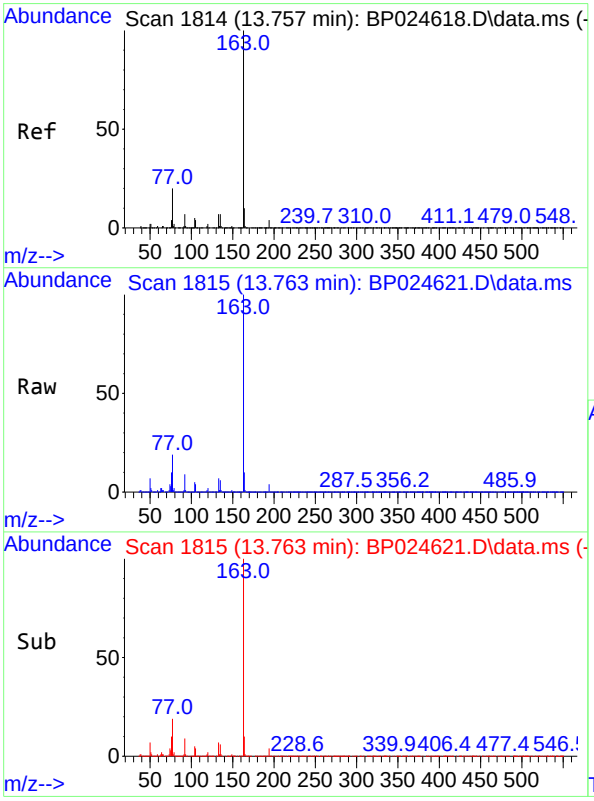
#49
Acenaphthylene
Concen: 78.73 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

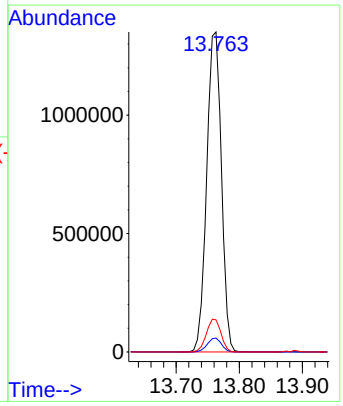


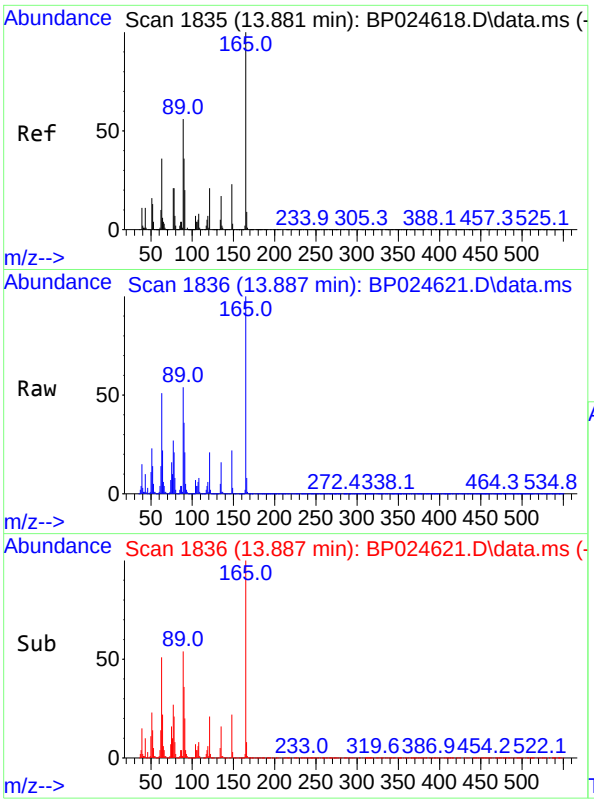


#50
Dimethylphthalate
Concen: 76.64 ng
RT: 13.763 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



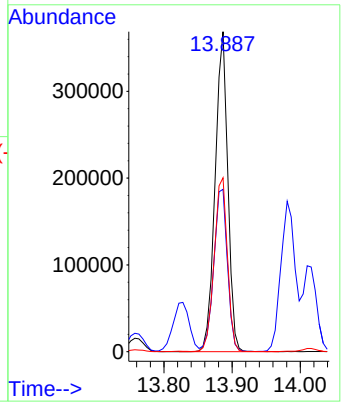


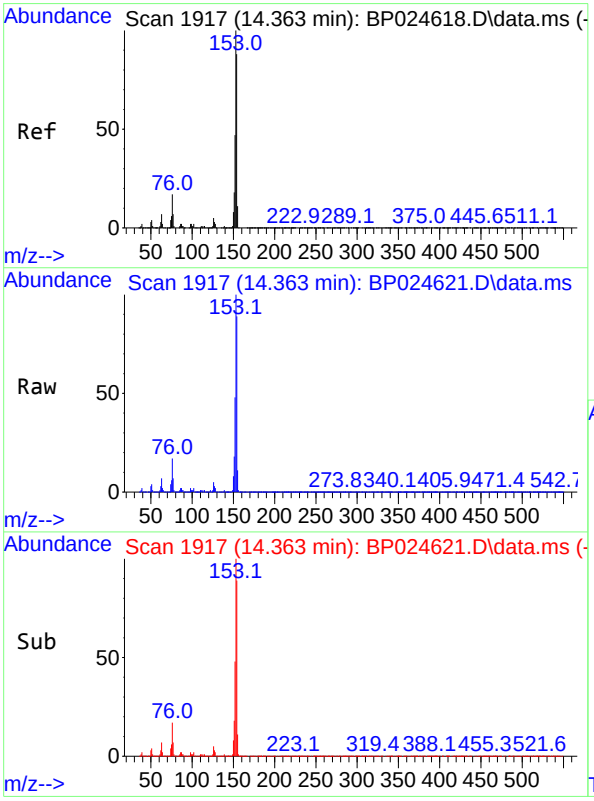
#51
2,6-Dinitrotoluene
Concen: 79.26 ng
RT: 13.887 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

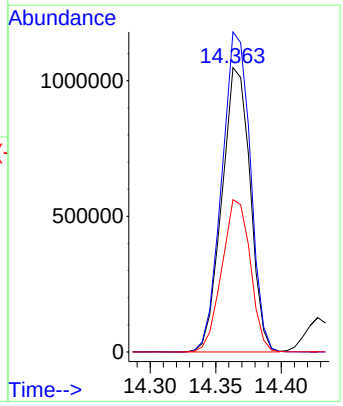


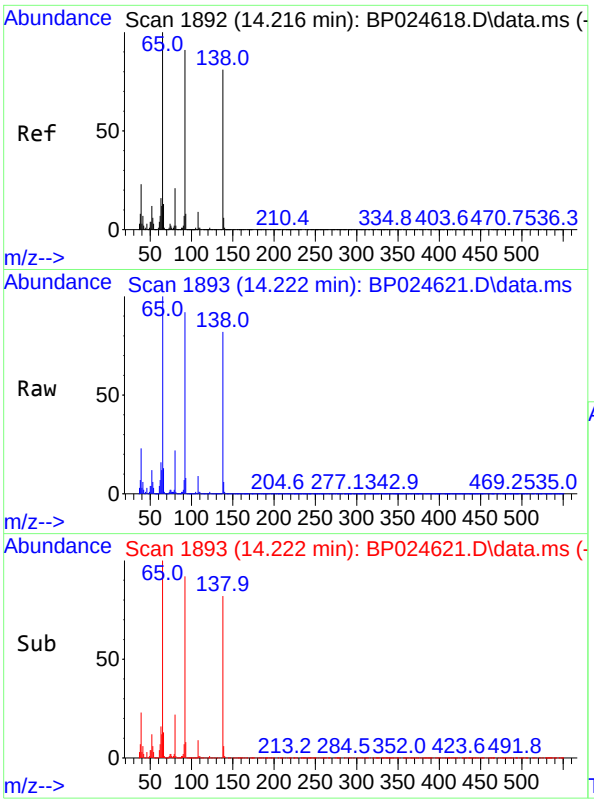


#52
Acenaphthene
Concen: 77.62 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



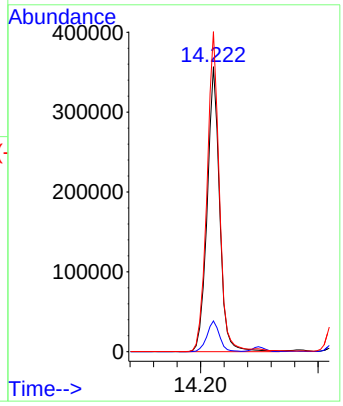


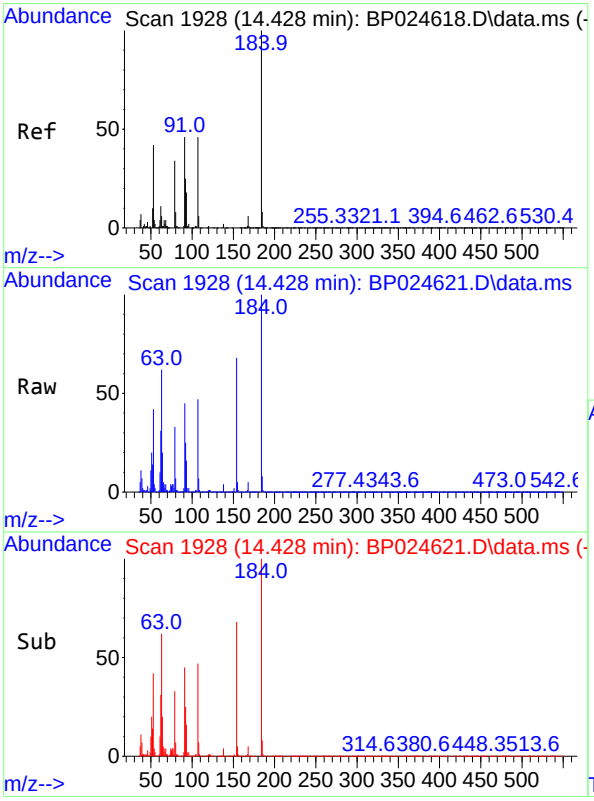
#53
3-Nitroaniline
Concen: 85.15 ng
RT: 14.222 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

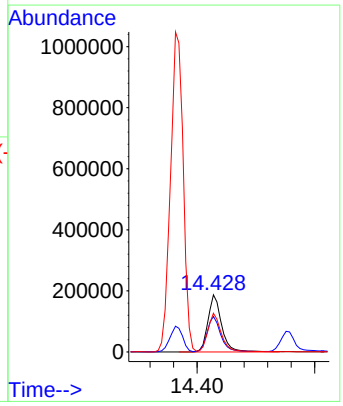


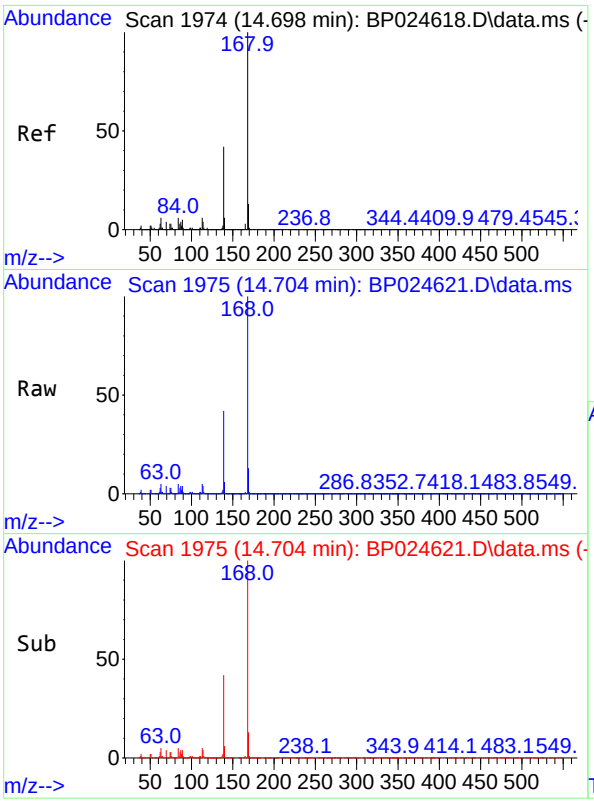


#54
2,4-Dinitrophenol
Concen: 79.29 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



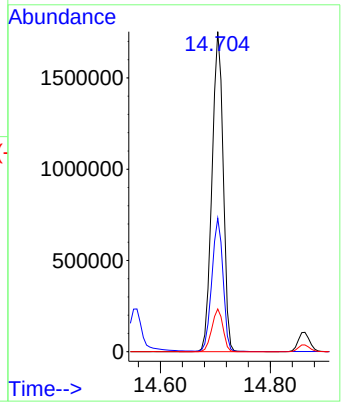


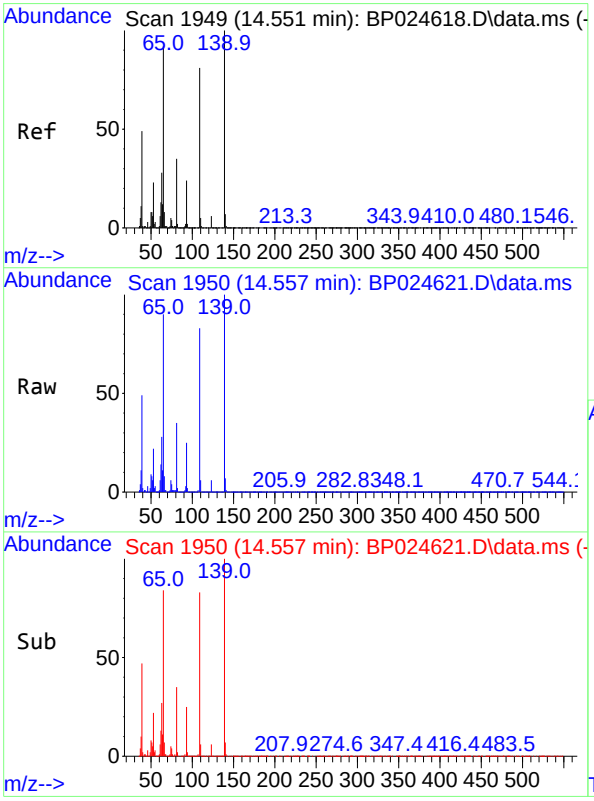
#55
Dibenzofuran
Concen: 76.68 ng
RT: 14.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

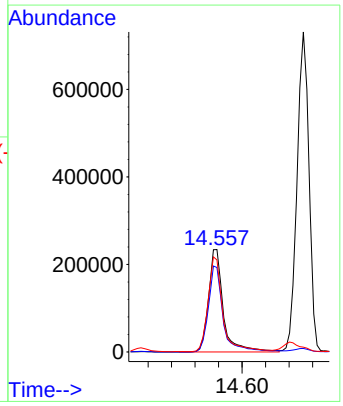


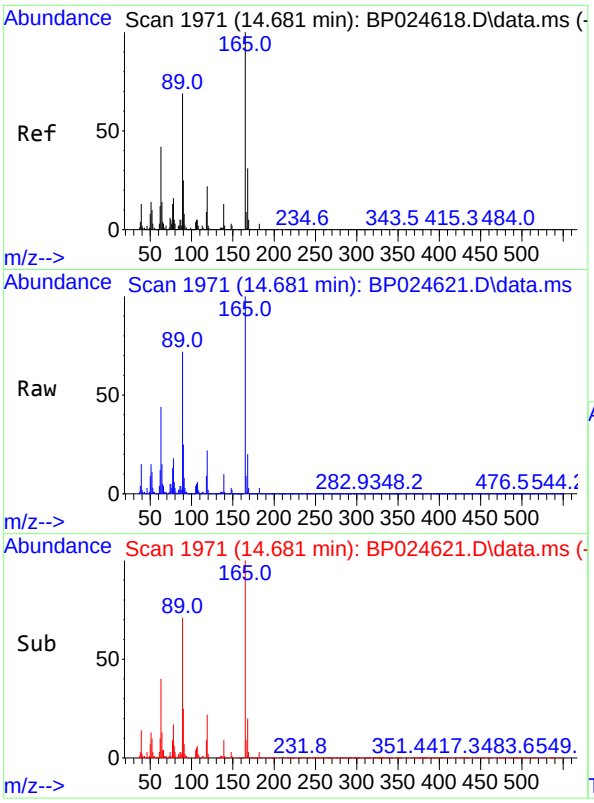


#56
4-Nitrophenol
Concen: 77.27 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



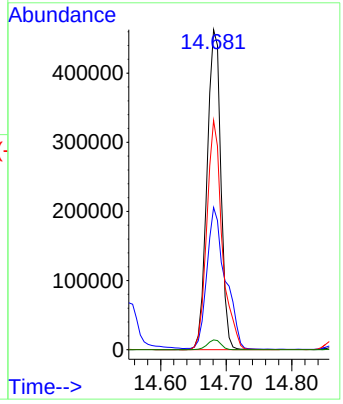


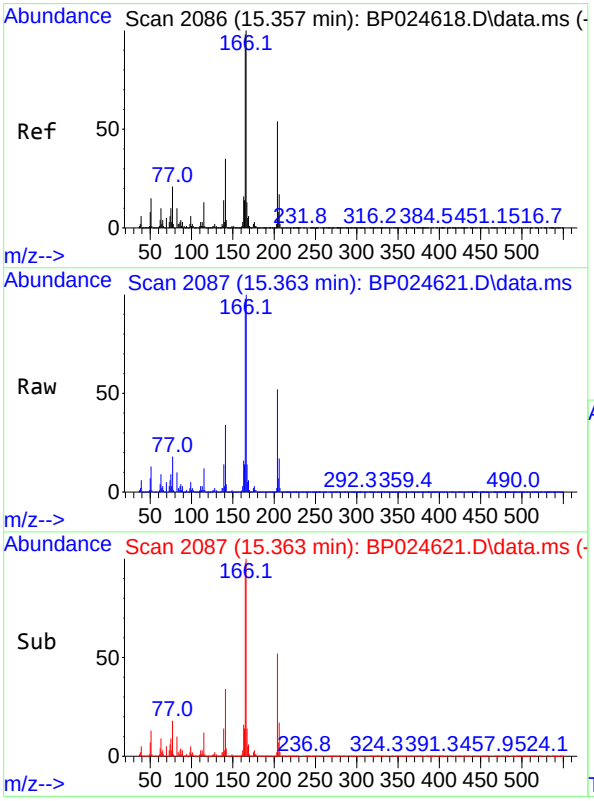
#57
2,4-Dinitrotoluene
Concen: 80.01 ng
RT: 14.681 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

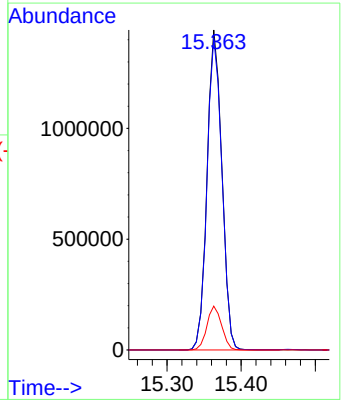


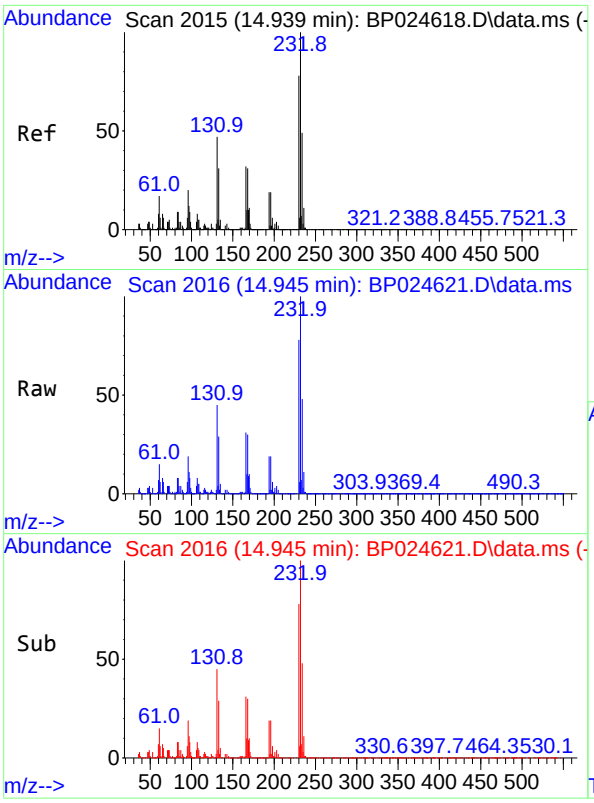


#58
Fluorene
Concen: 76.06 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



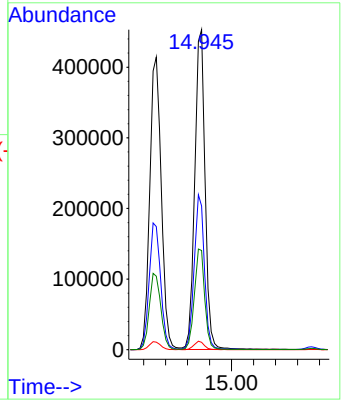


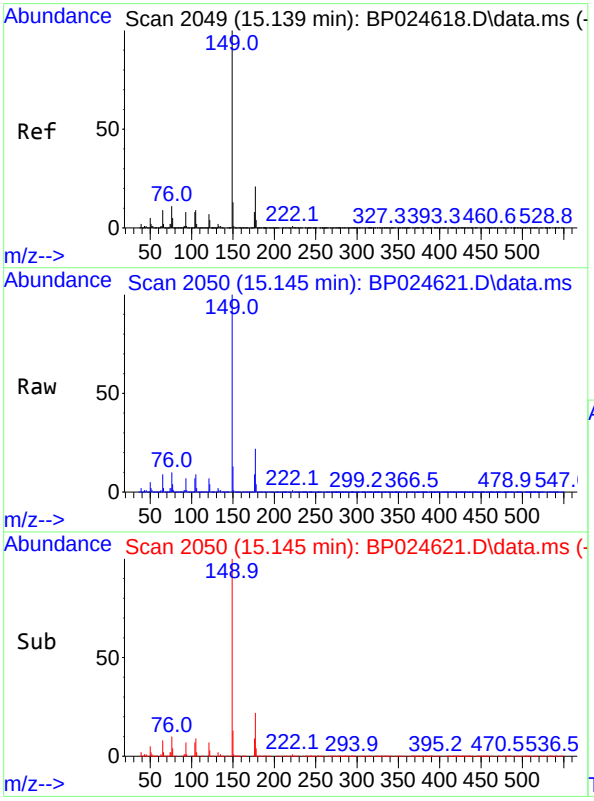
#59
2,3,4,6-Tetrachlorophenol
Concen: 81.17 ng
RT: 14.945 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

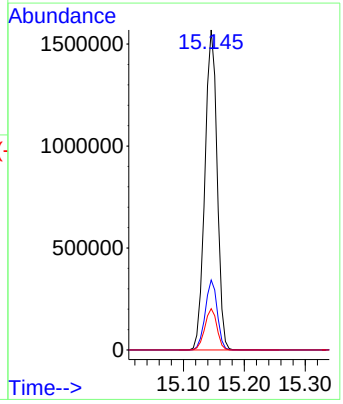


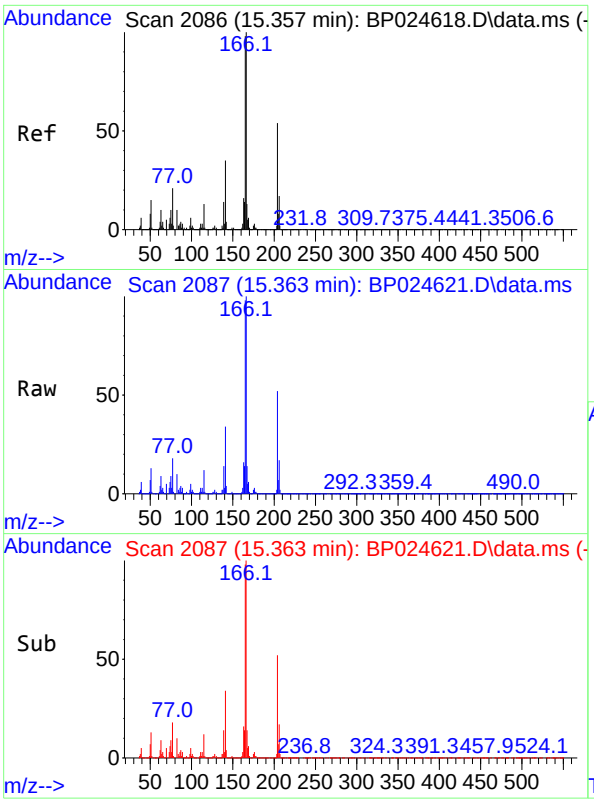


#60
Diethylphthalate
Concen: 76.22 ng
RT: 15.145 min Scan# 2050
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



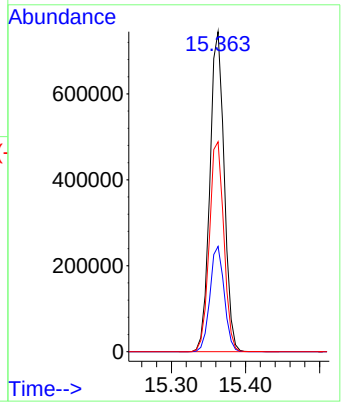


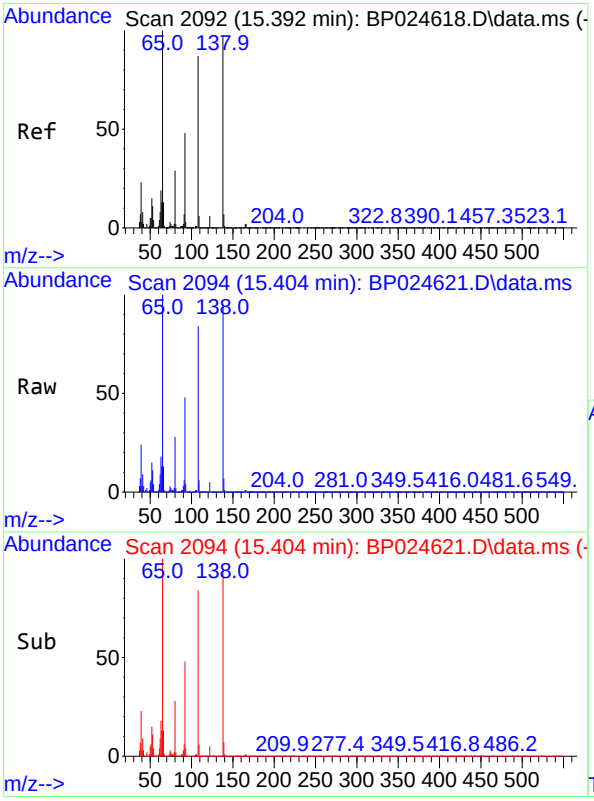
#61
4-Chlorophenyl-phenylether
Concen: 75.96 ng
RT: 15.363 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

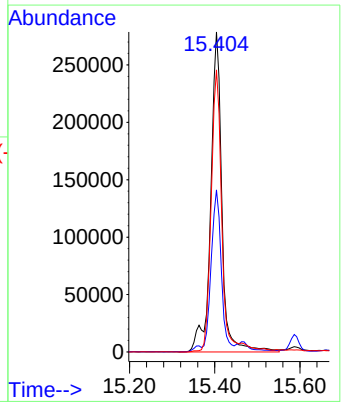


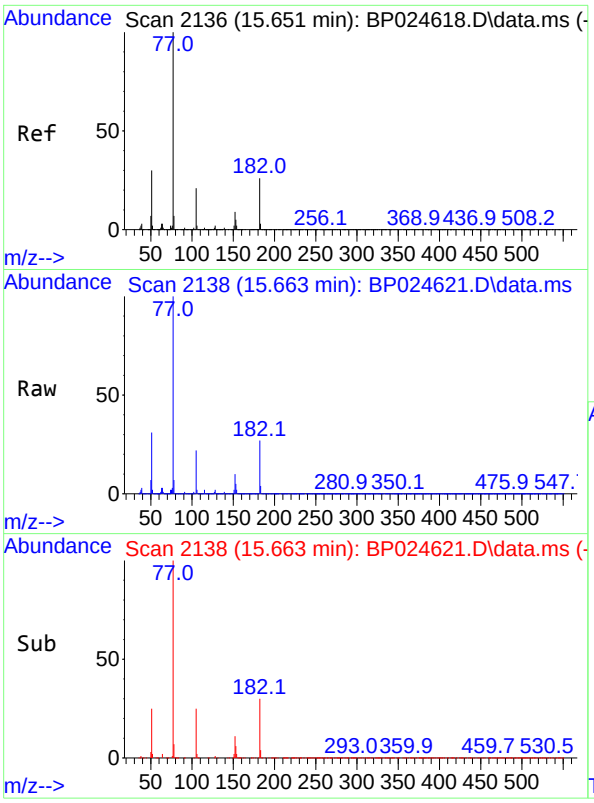


#62
4-Nitroaniline
Concen: 85.24 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



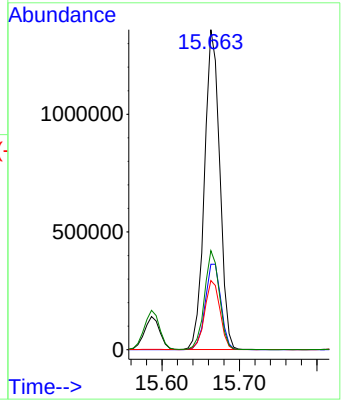


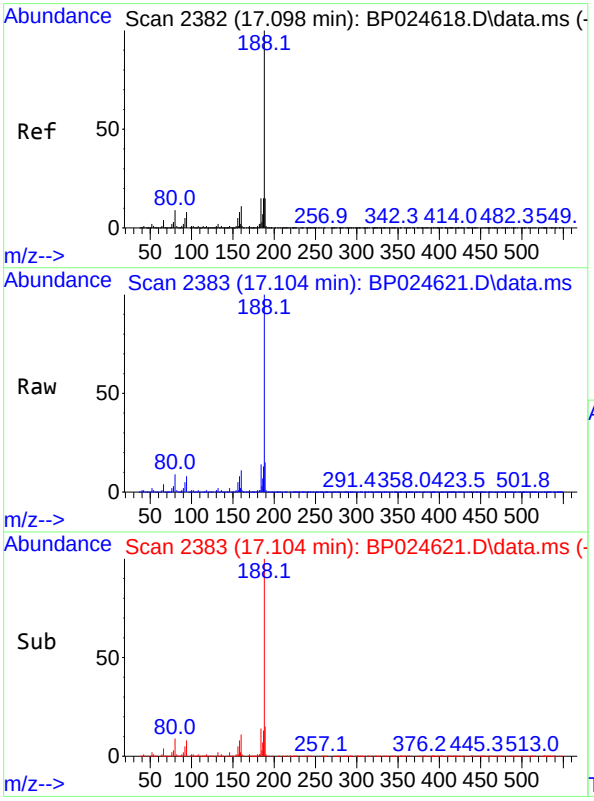
#63
Azobenzene
Concen: 75.47 ng
RT: 15.663 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

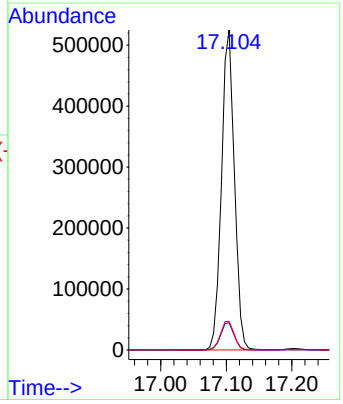


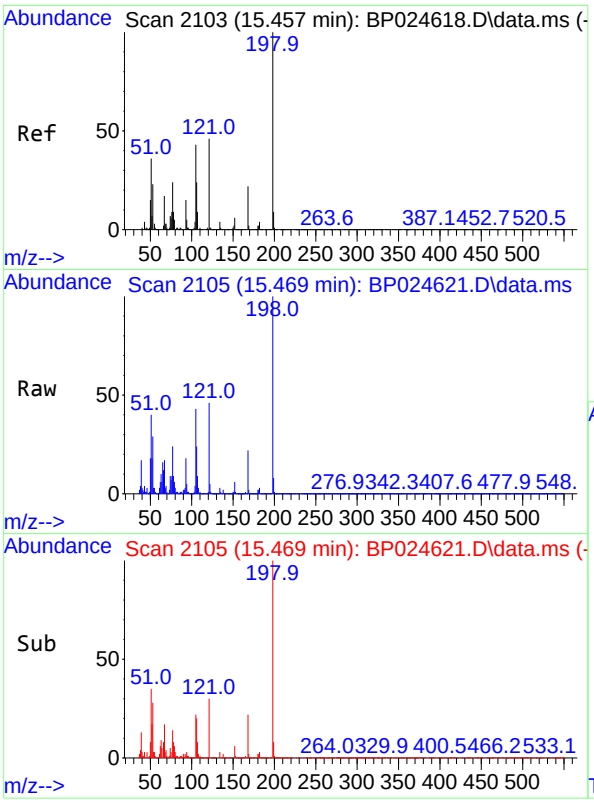


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



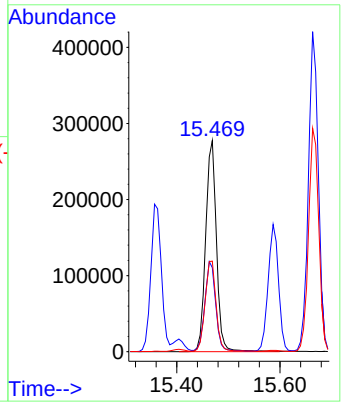


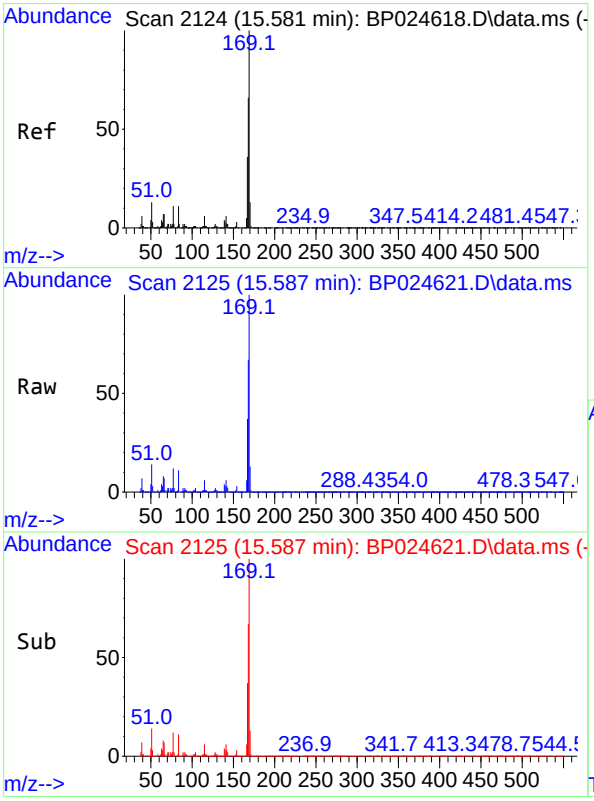
#65
4,6-Dinitro-2-methylphenol
Concen: 87.01 ng
RT: 15.469 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

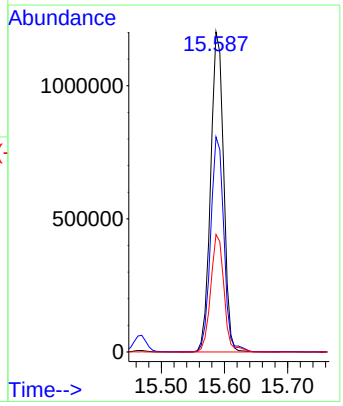


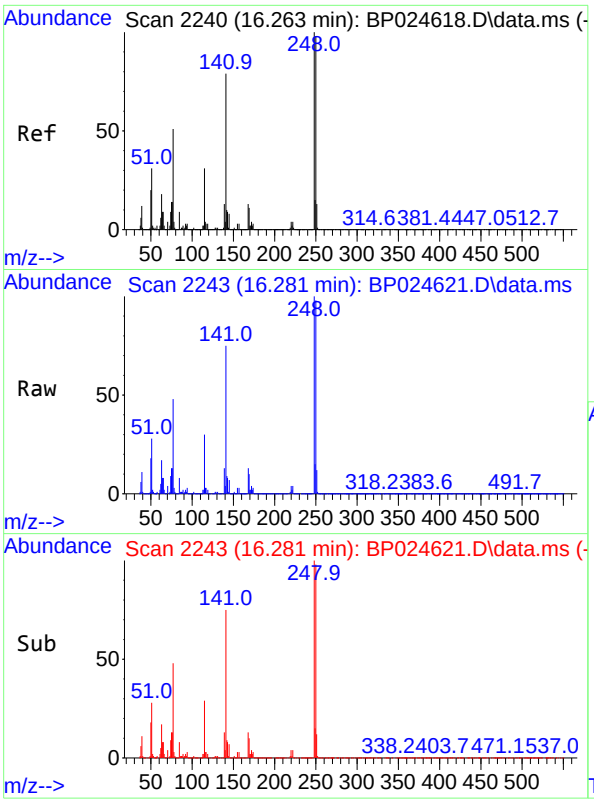


#66
n-Nitrosodiphenylamine
Concen: 78.10 ng
RT: 15.587 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



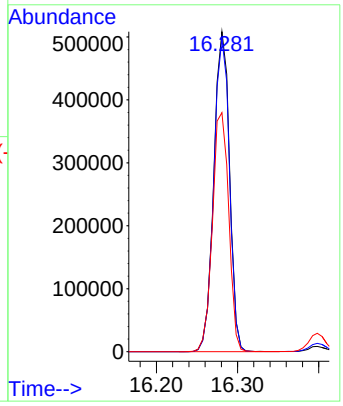


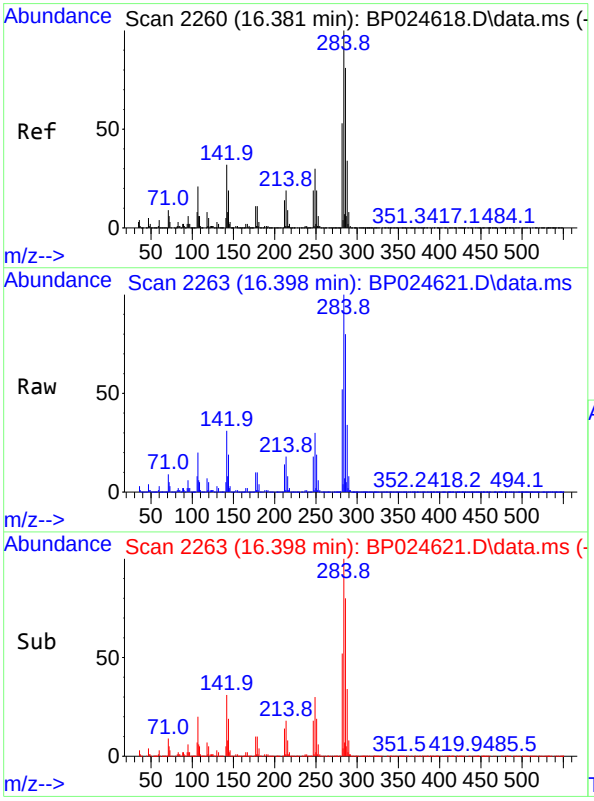
#67
4-Bromophenyl-phenylether
Concen: 81.43 ng
RT: 16.281 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

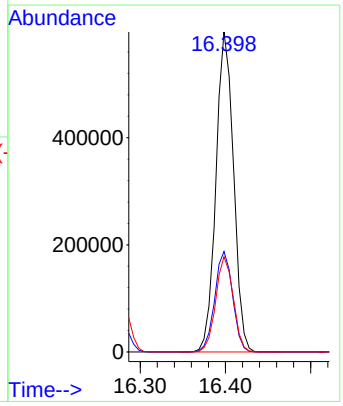


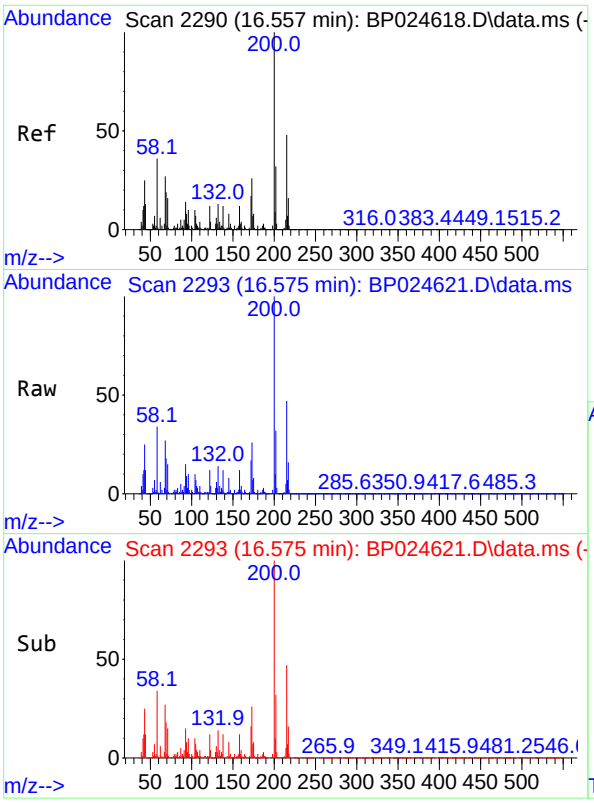


#68
Hexachlorobenzene
Concen: 80.18 ng
RT: 16.398 min Scan# 2263
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



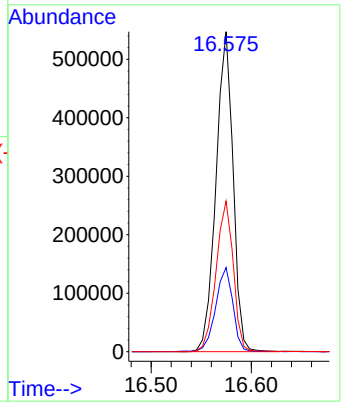


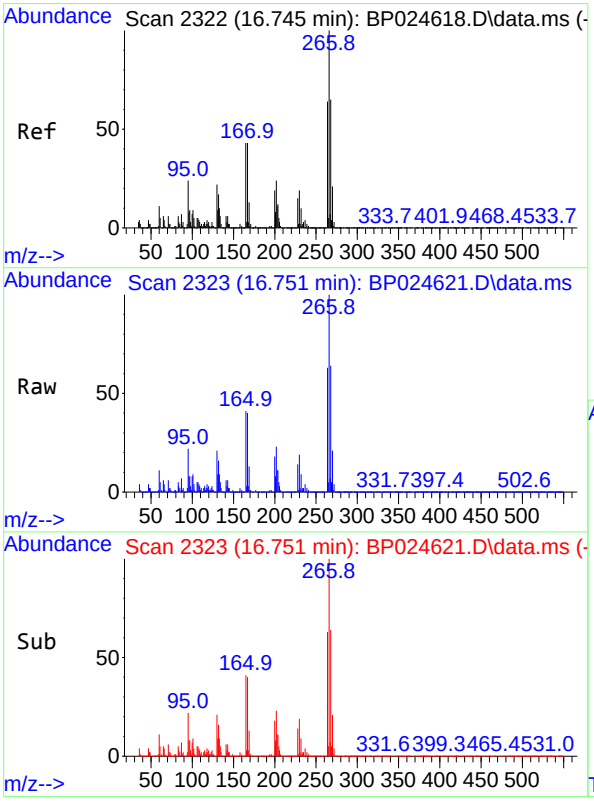
#69
Atrazine
Concen: 80.42 ng
RT: 16.575 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

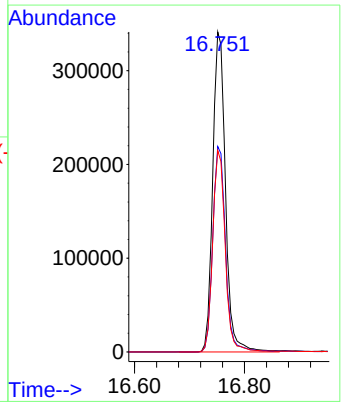


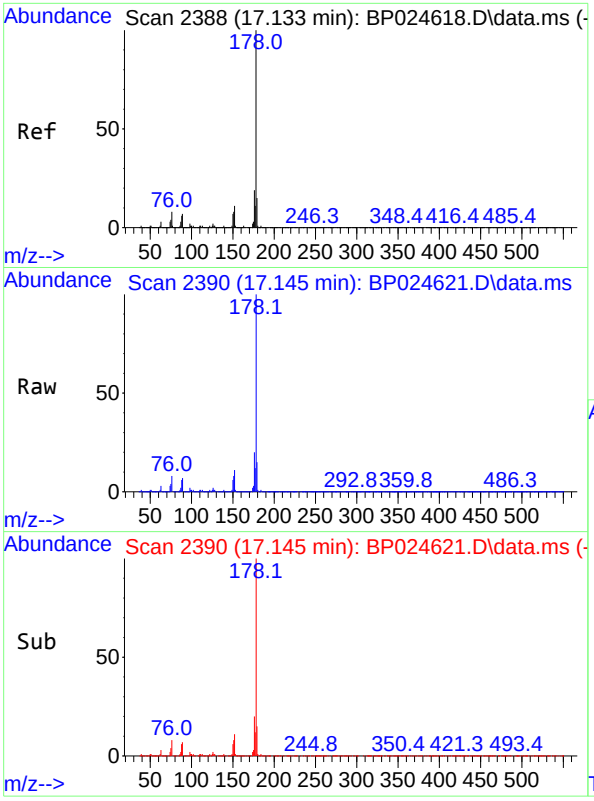


#70
Pentachlorophenol
Concen: 91.41 ng
RT: 16.751 min Scan# 2323
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



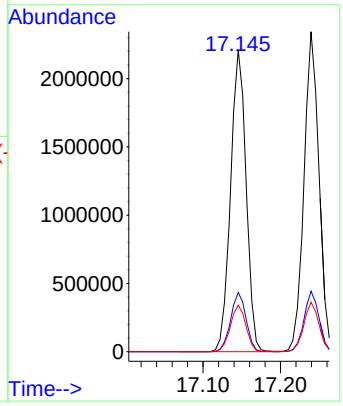


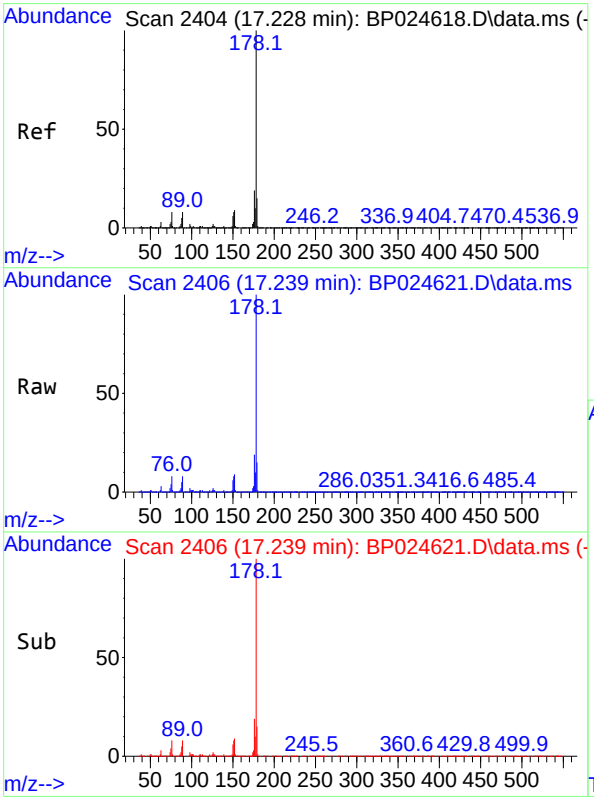
#71
Phenanthrene
Concen: 77.95 ng
RT: 17.145 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

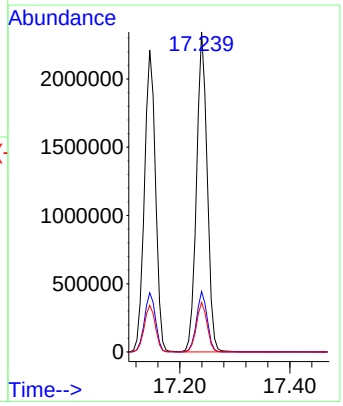


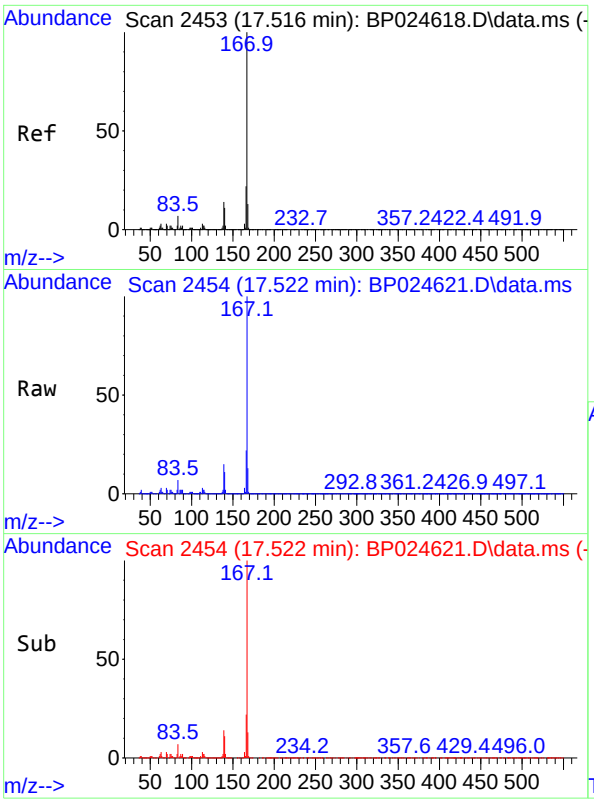


#72
Anthracene
Concen: 79.23 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



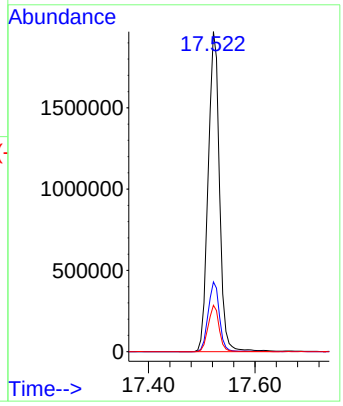


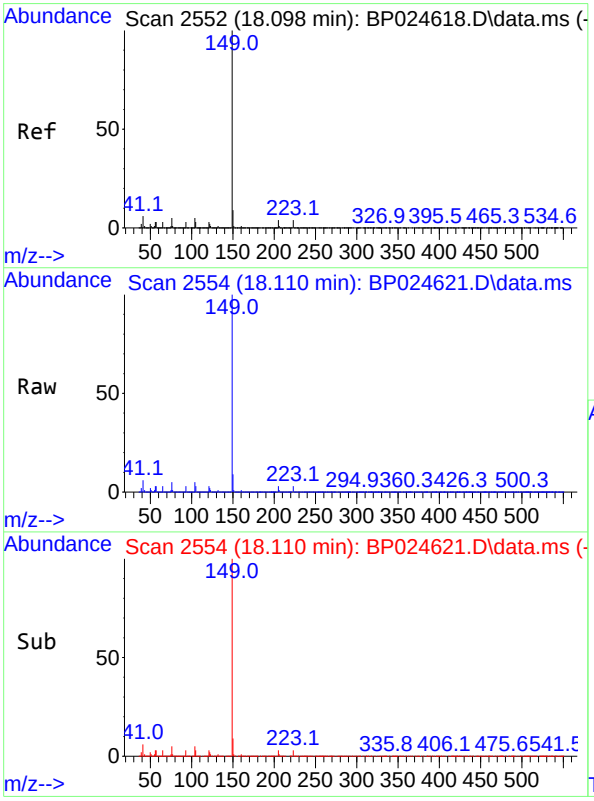
#73
Carbazole
Concen: 80.08 ng
RT: 17.522 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

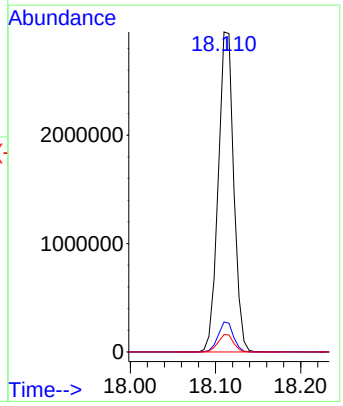


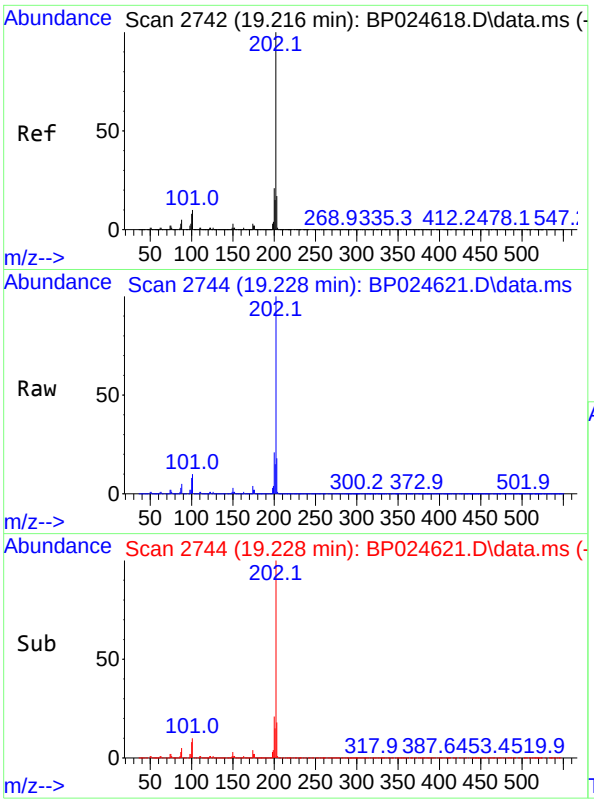


#74
Di-n-butylphthalate
Concen: 80.68 ng
RT: 18.110 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



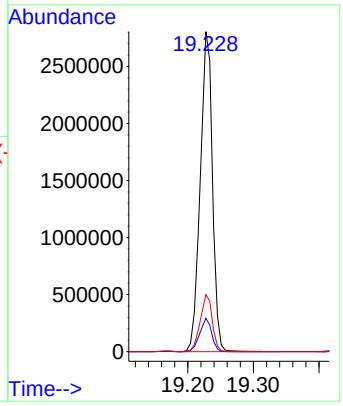


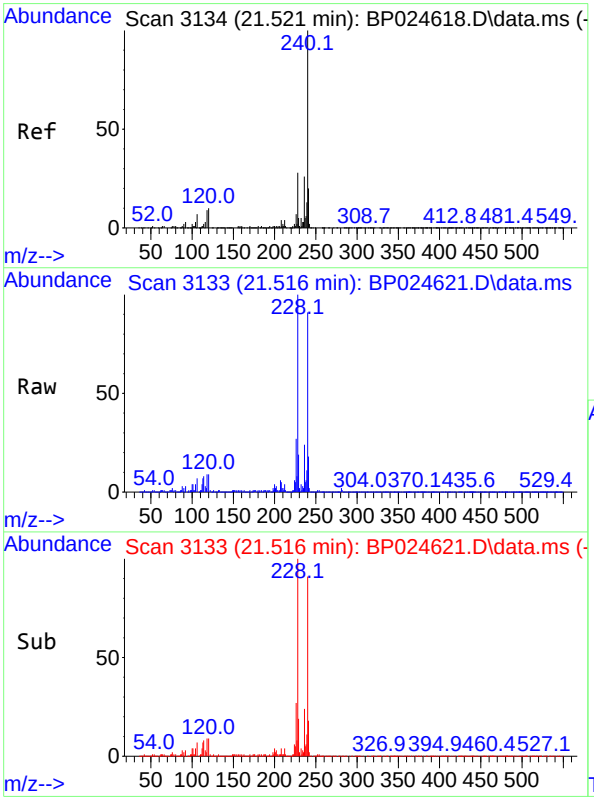
#75
Fluoranthene
Concen: 78.27 ng
RT: 19.228 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

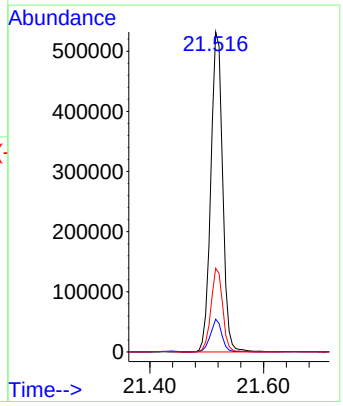


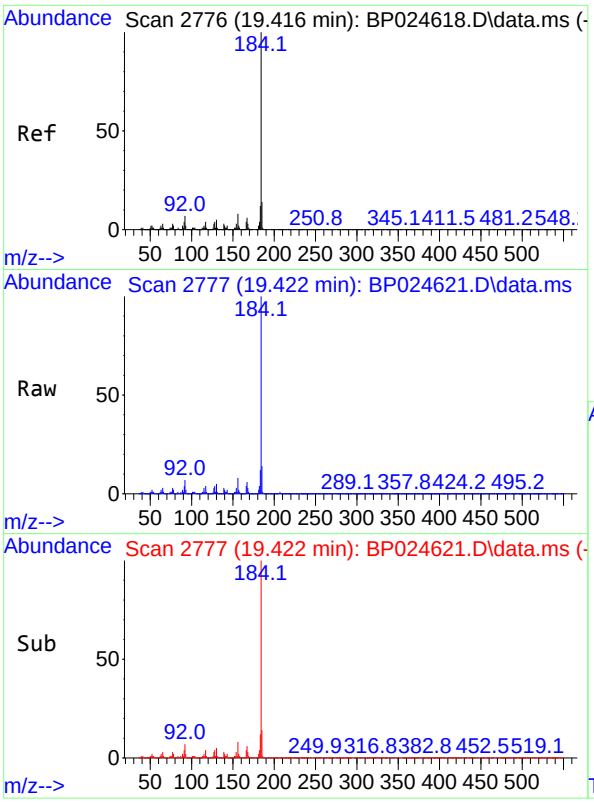


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



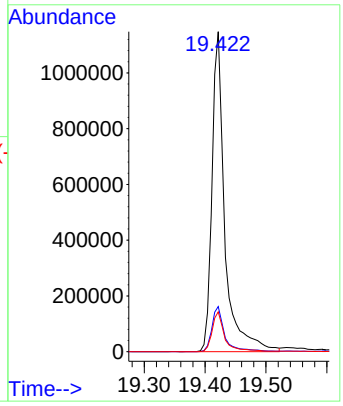


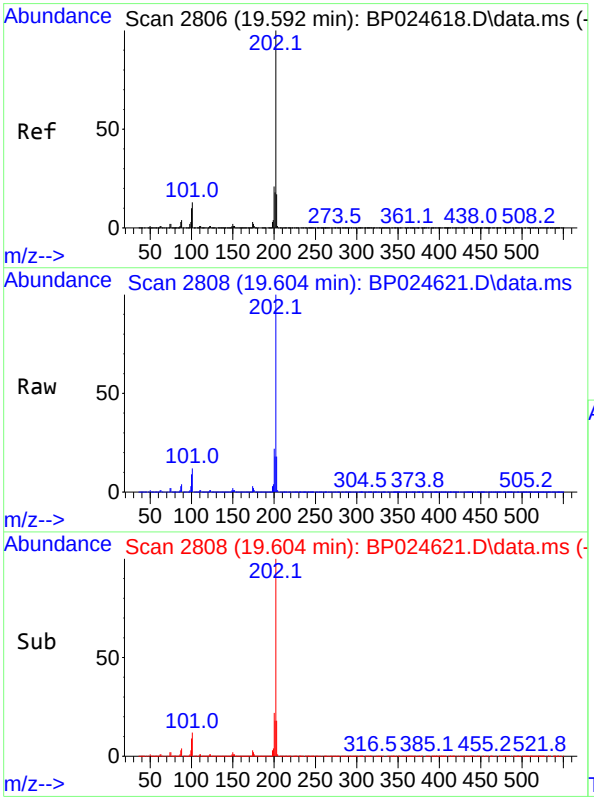
#77
Benzidine
Concen: 79.83 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

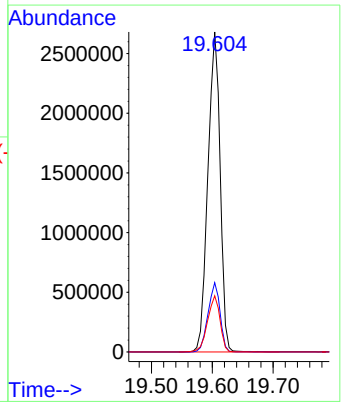


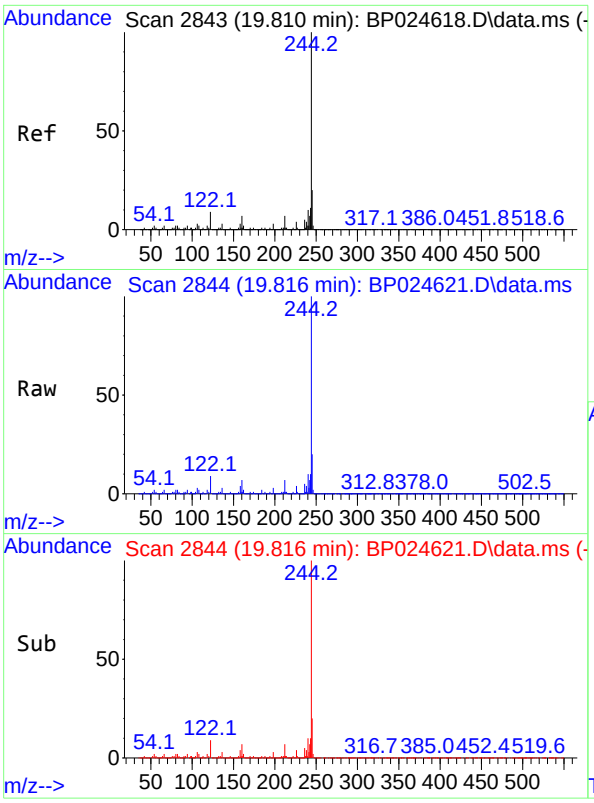


#78
Pyrene
Concen: 81.65 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



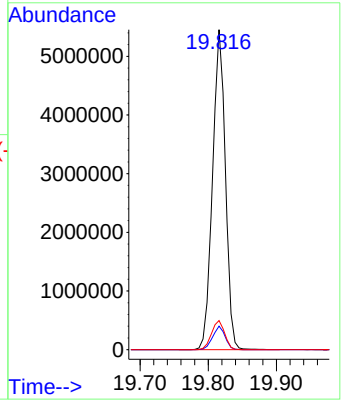


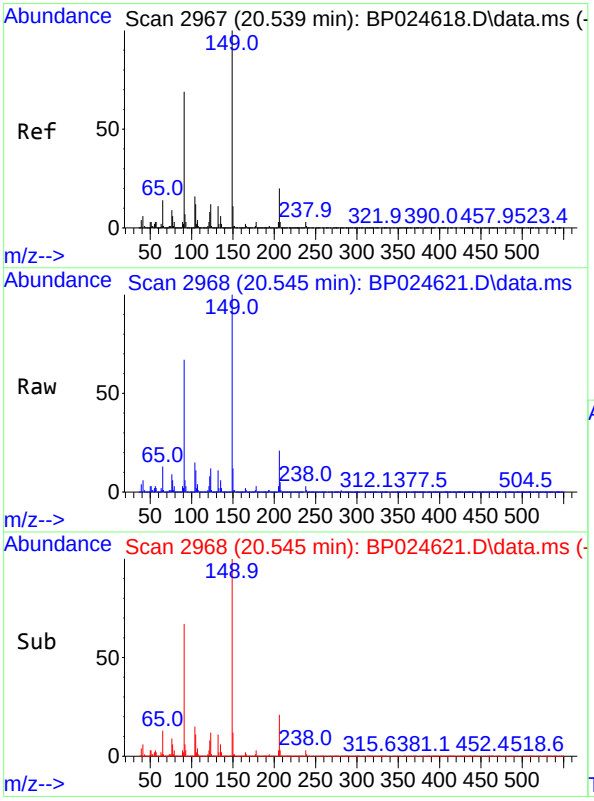
#79
Terphenyl-d14
Concen: 160.11 ng
RT: 19.816 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

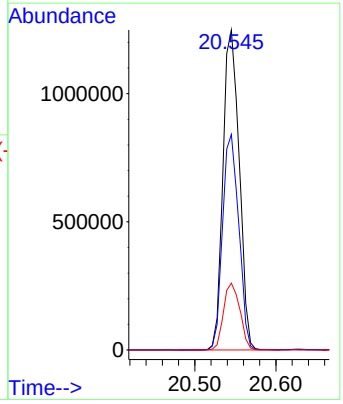


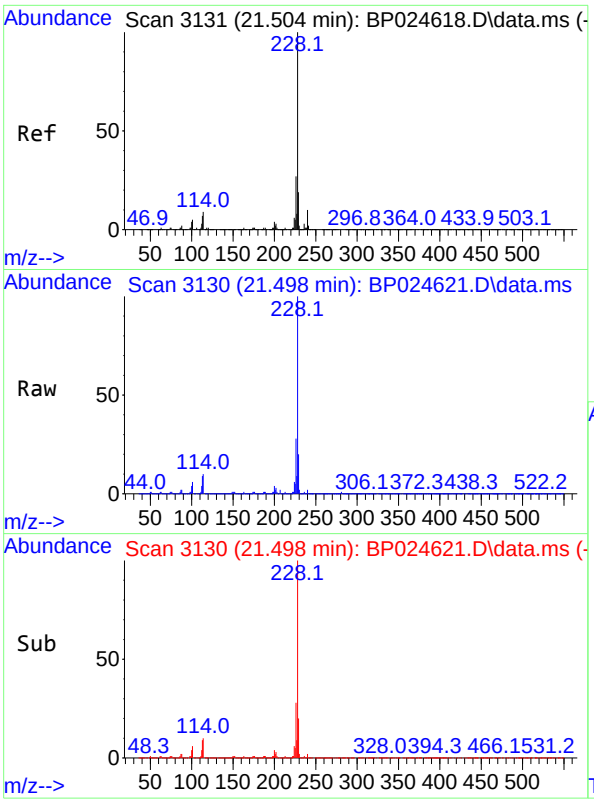


#80
Butylbenzylphthalate
Concen: 85.34 ng
RT: 20.545 min Scan# 2968
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



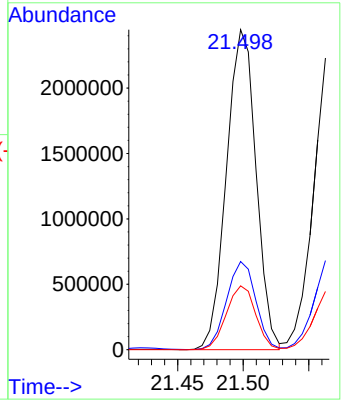


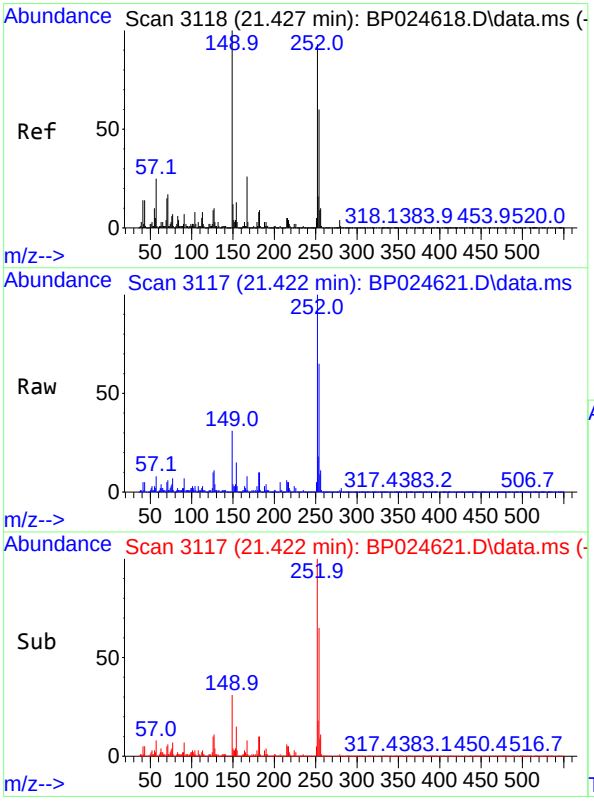
#81
Benzo(a)anthracene
Concen: 79.63 ng
RT: 21.498 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

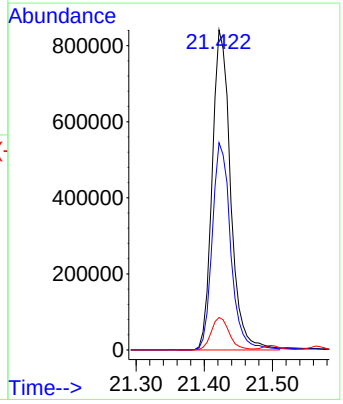


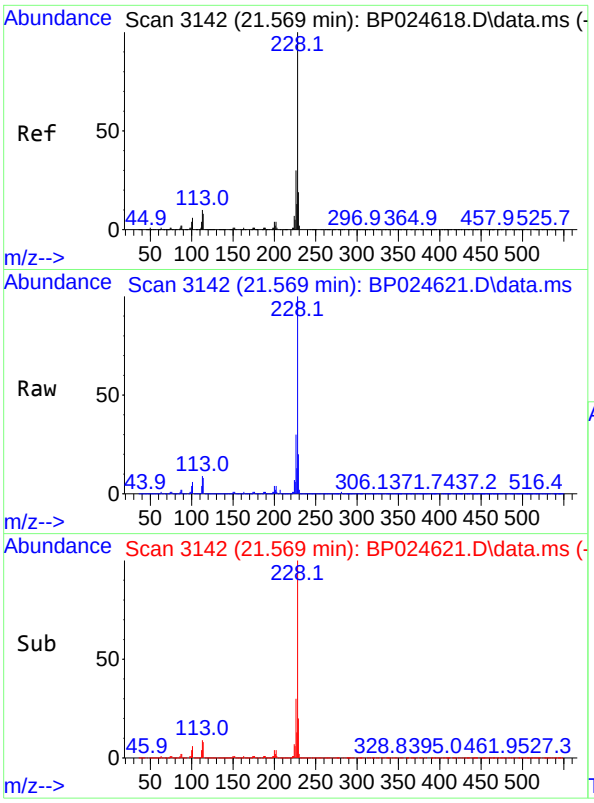


#82
3,3'-Dichlorobenzidine
Concen: 88.21 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



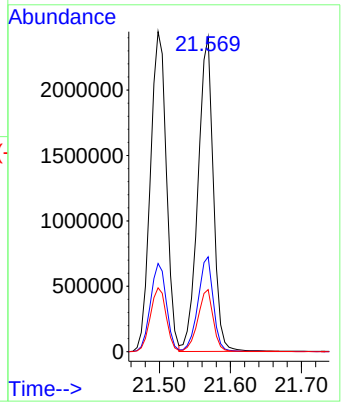


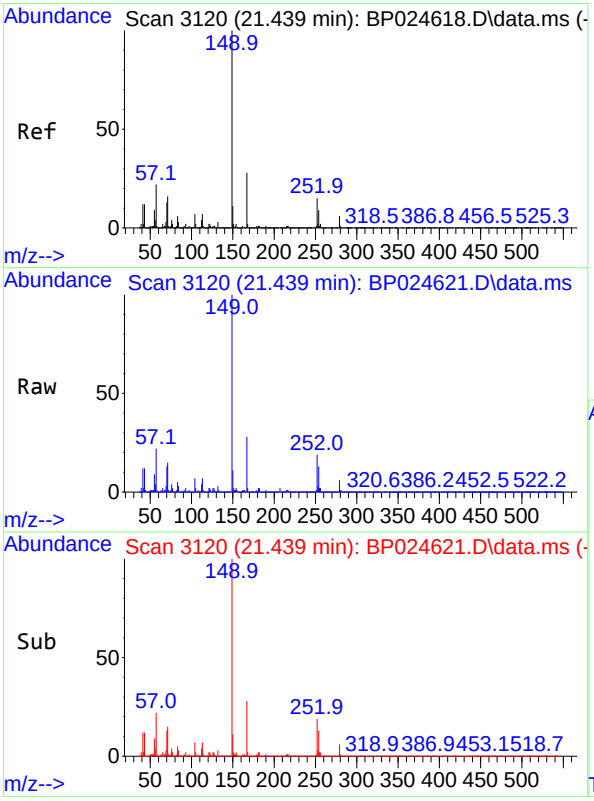
#83
Chrysene
Concen: 79.29 ng
RT: 21.569 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

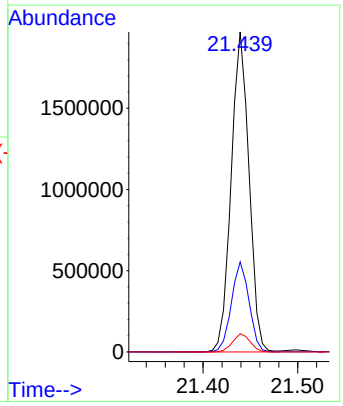


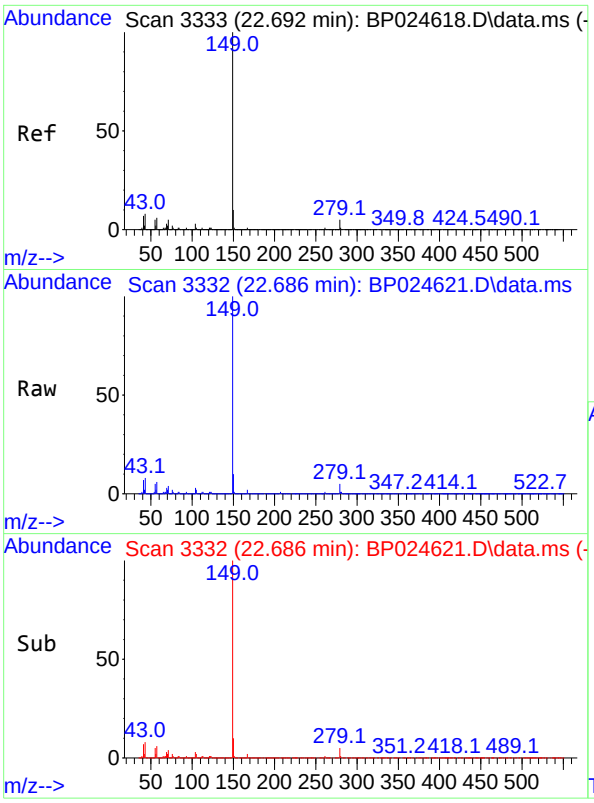


#84
Bis(2-ethylhexyl)phthalate
Concen: 85.91 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



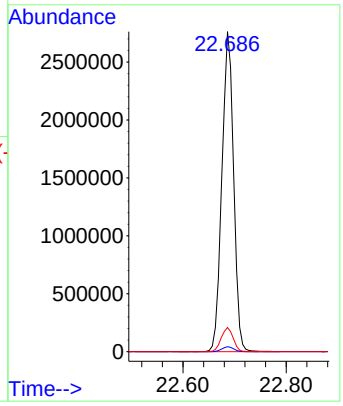


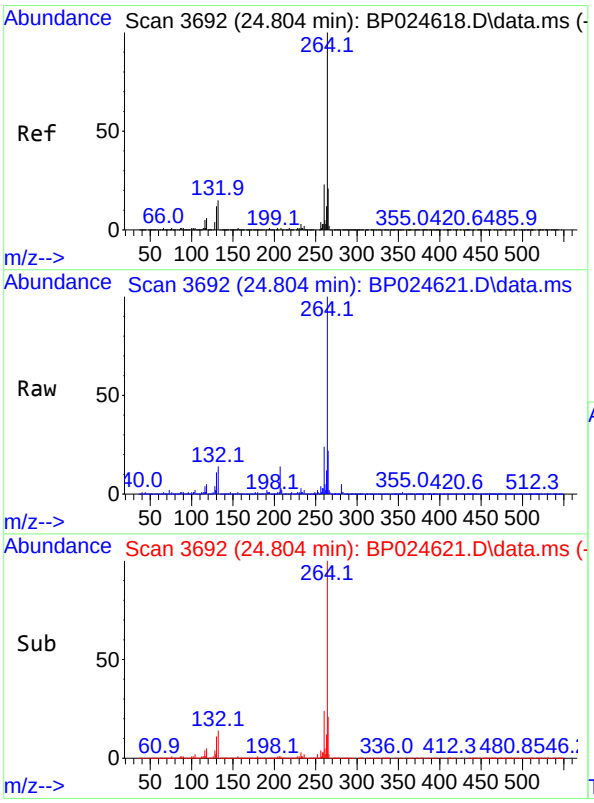
#85
Di-n-octyl phthalate
Concen: 88.50 ng
RT: 22.686 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

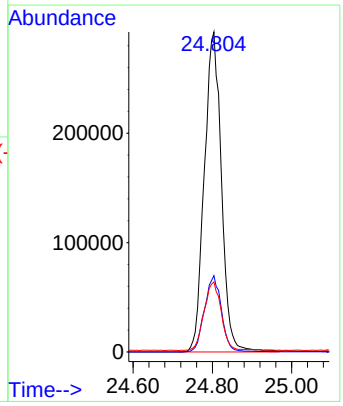


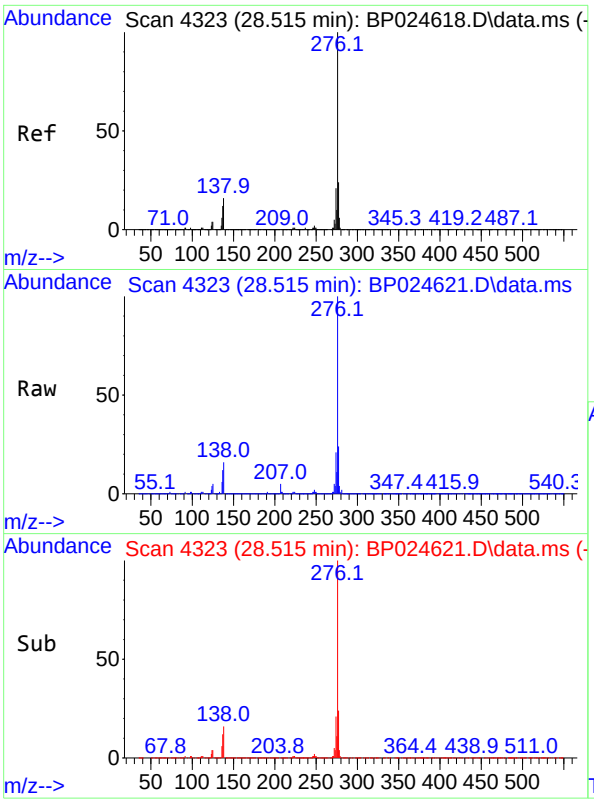


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.804 min Scan# 3692
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



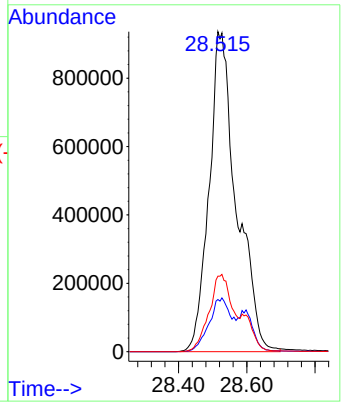


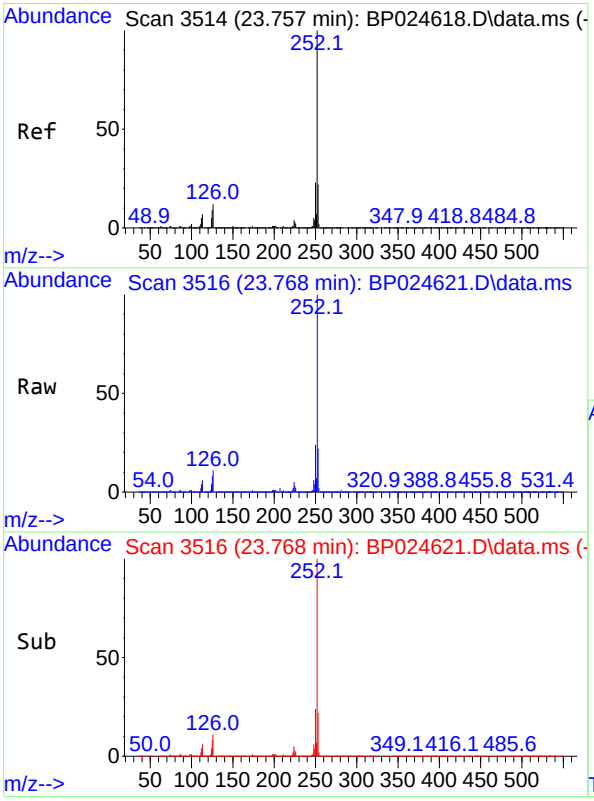
#87
Indeno(1,2,3-cd)pyrene
Concen: 81.85 ng m
RT: 28.515 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

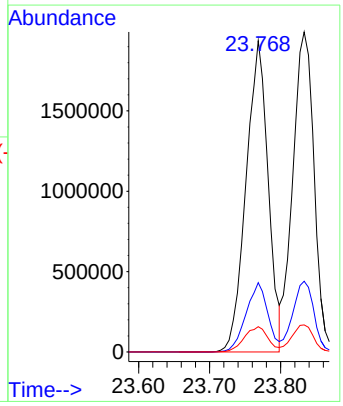


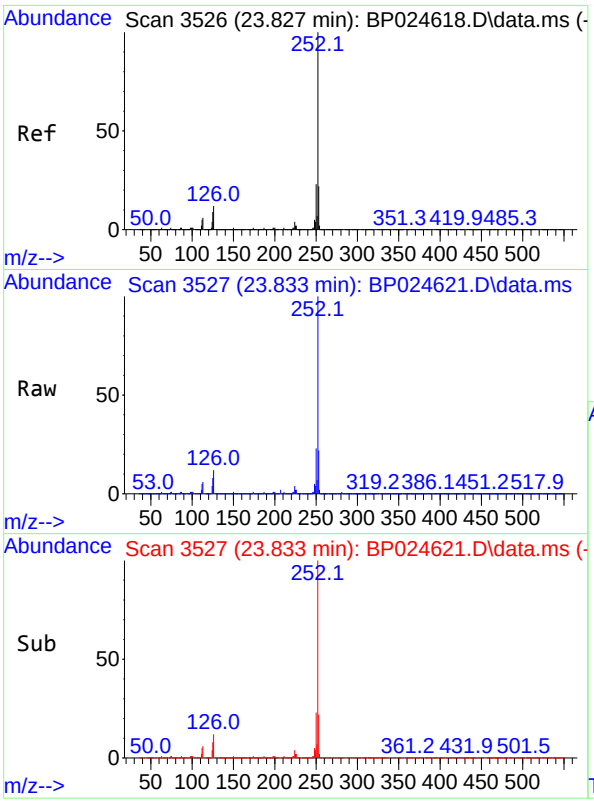


#88
Benzo(b)fluoranthene
Concen: 83.11 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



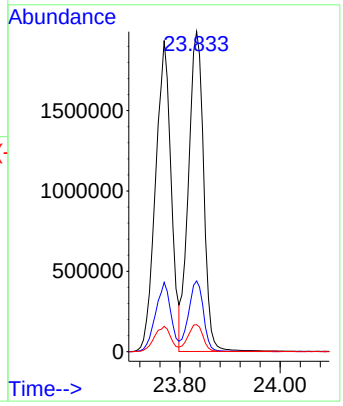


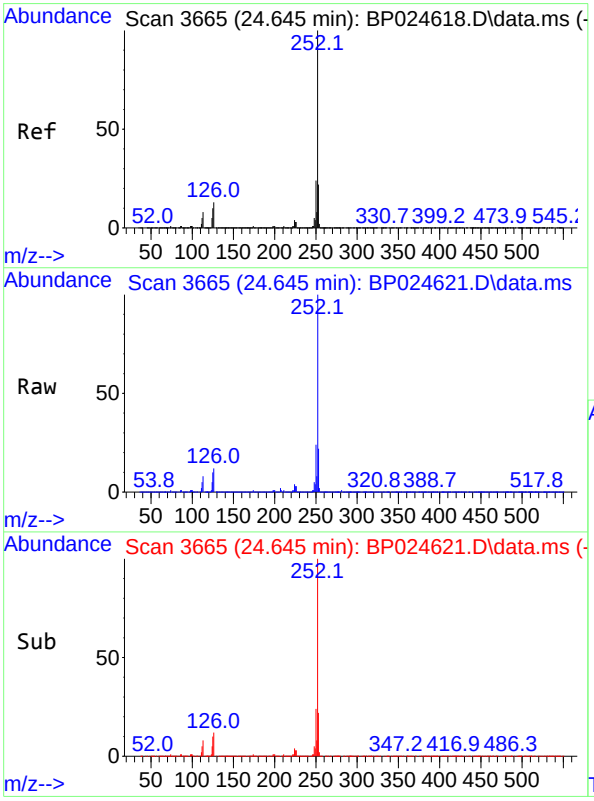
#89
Benzo(k)fluoranthene
Concen: 80.40 ng
RT: 23.833 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

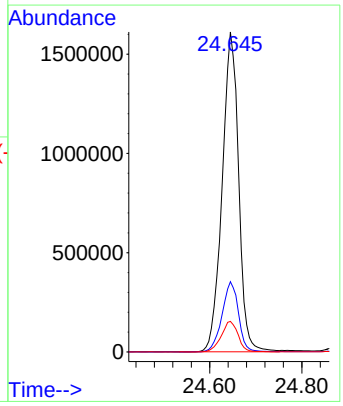


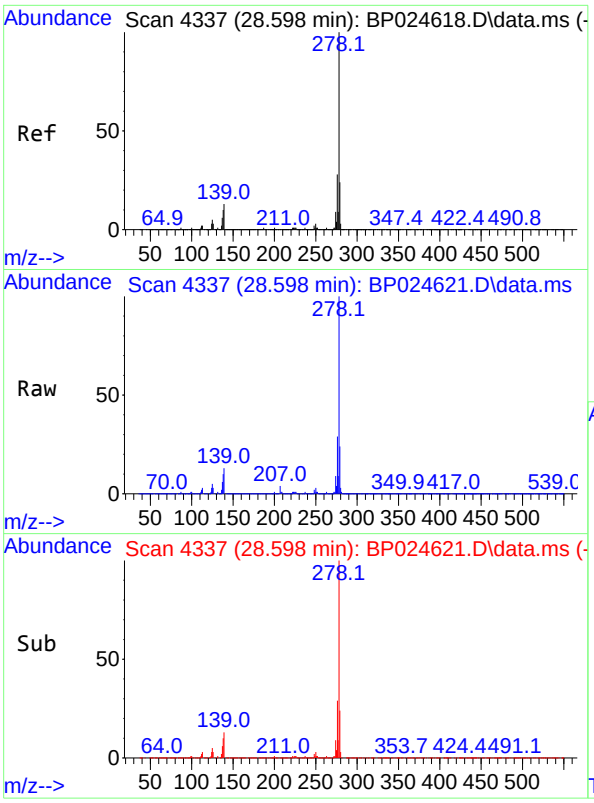


#90
Benzo(a)pyrene
Concen: 82.69 ng
RT: 24.645 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



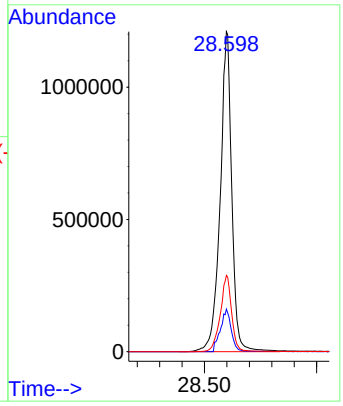


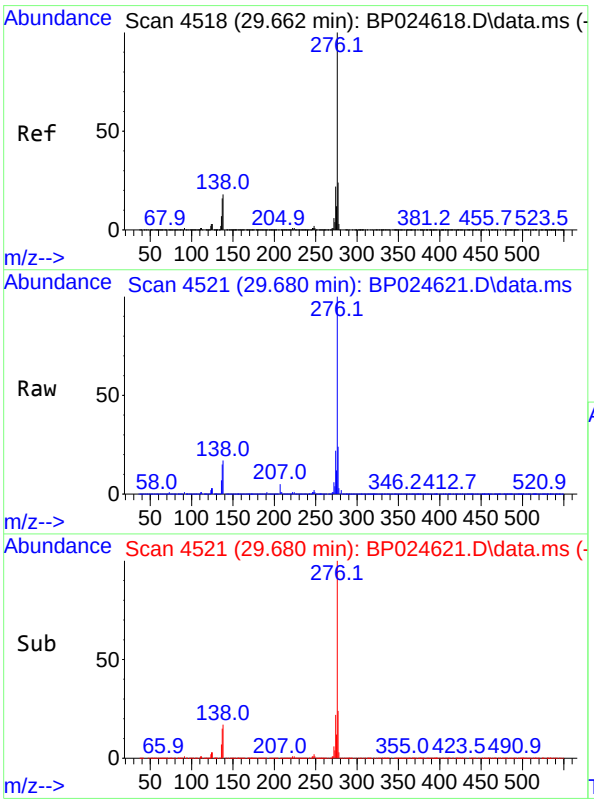
#91
Dibenzo(a,h)anthracene
Concen: 83.26 ng
RT: 28.598 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

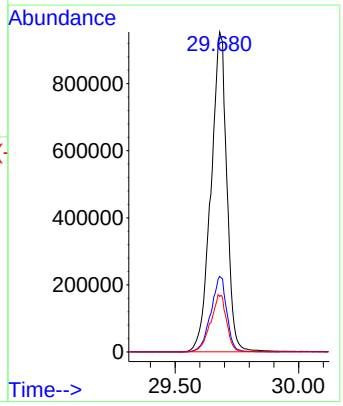




#92
Benzo(g,h,i)perylene
Concen: 82.08 ng
RT: 29.680 min Scan# 4521
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

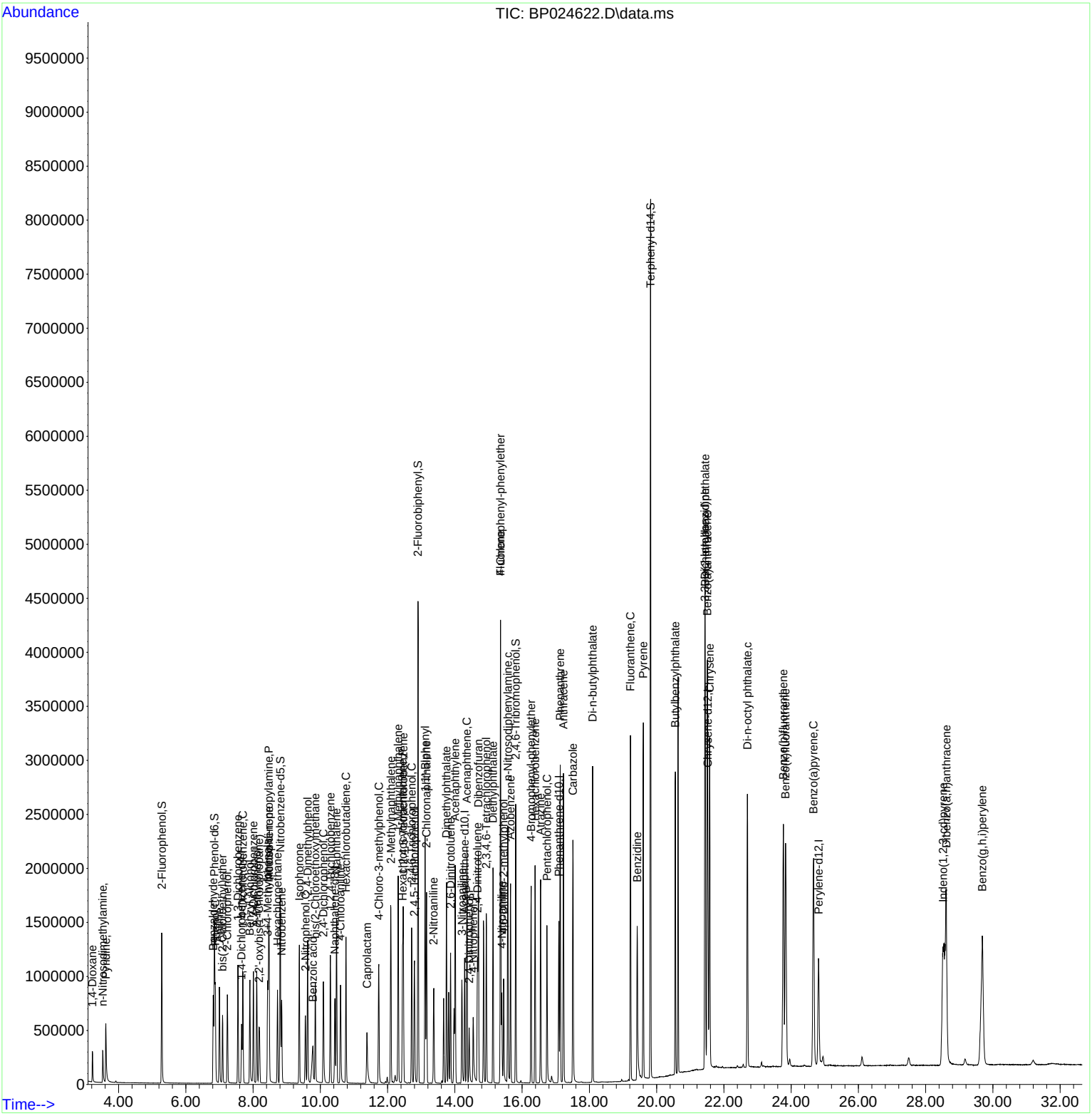
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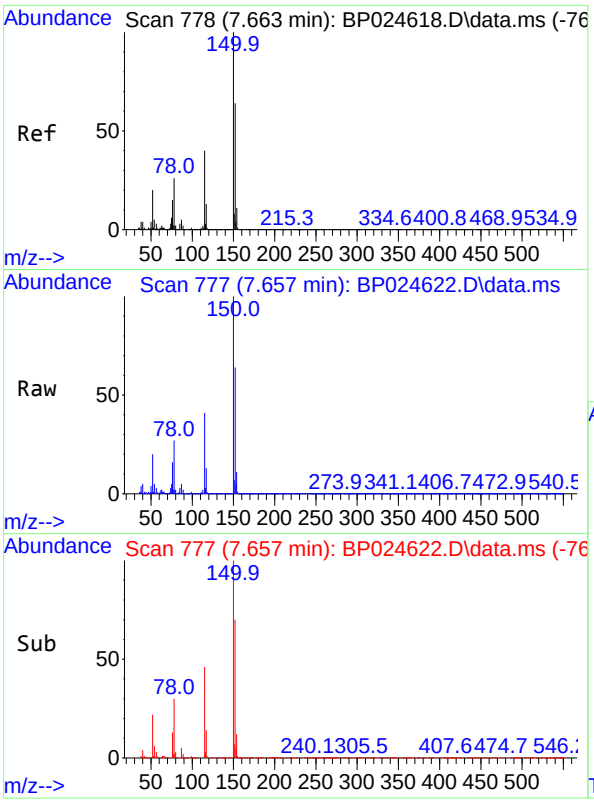
ICAL Form

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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



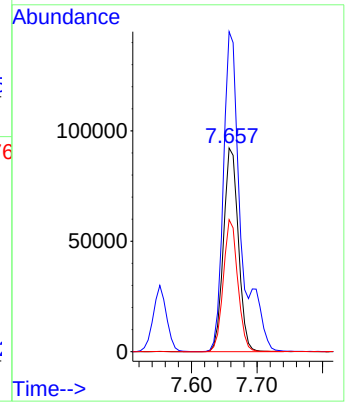


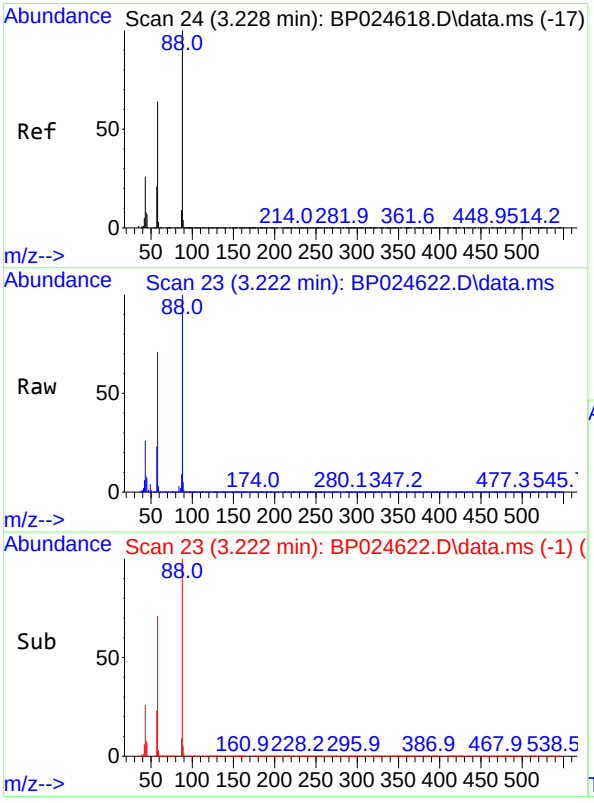
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

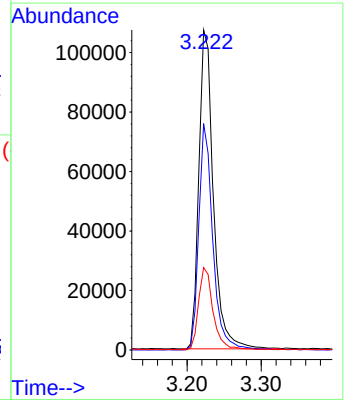


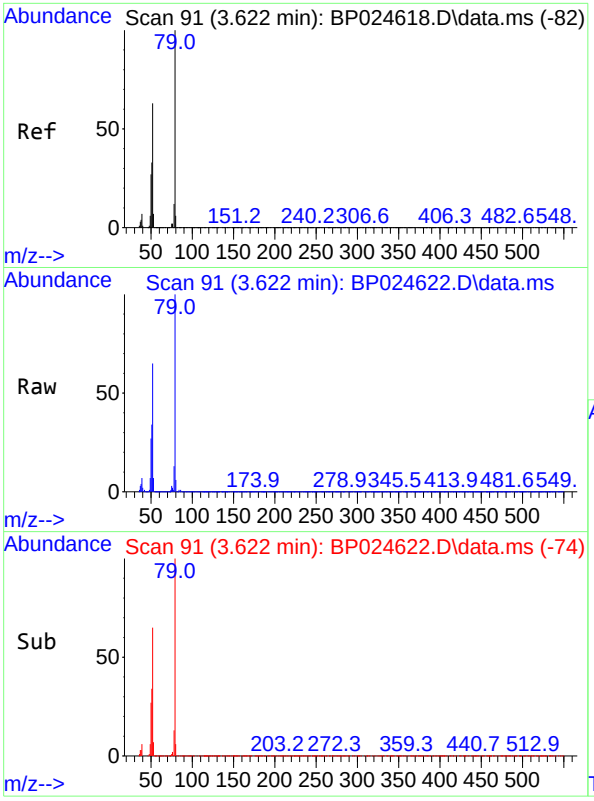


#2
1,4-Dioxane
Concen: 36.79 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



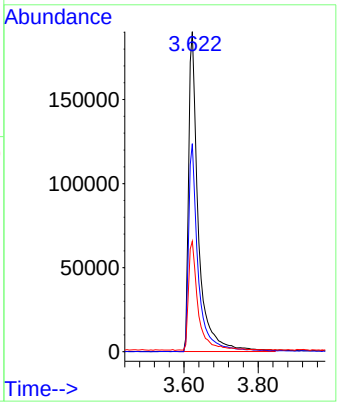


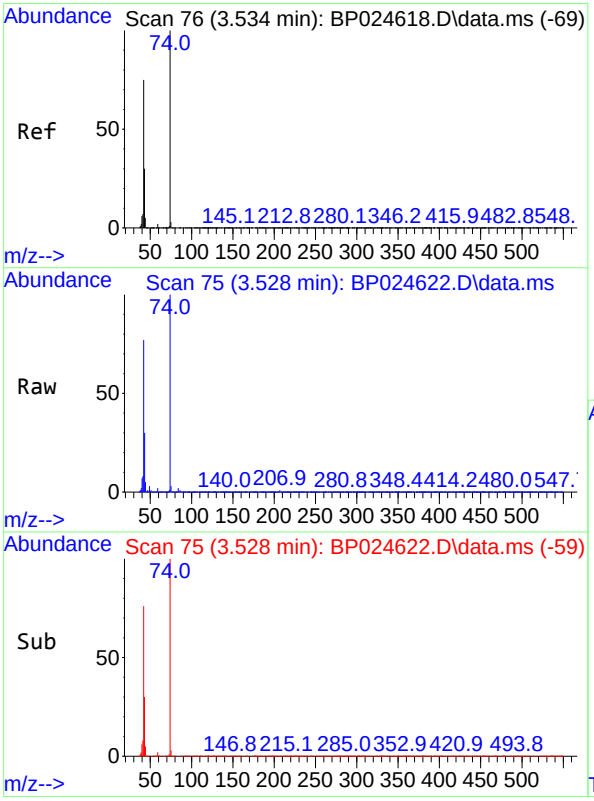
#3
Pyridine
Concen: 39.53 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

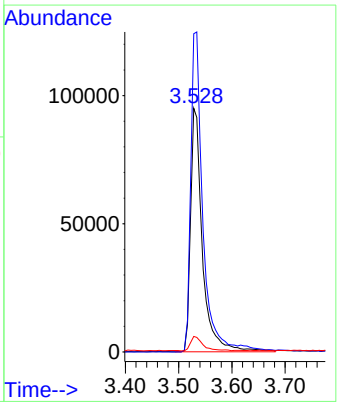


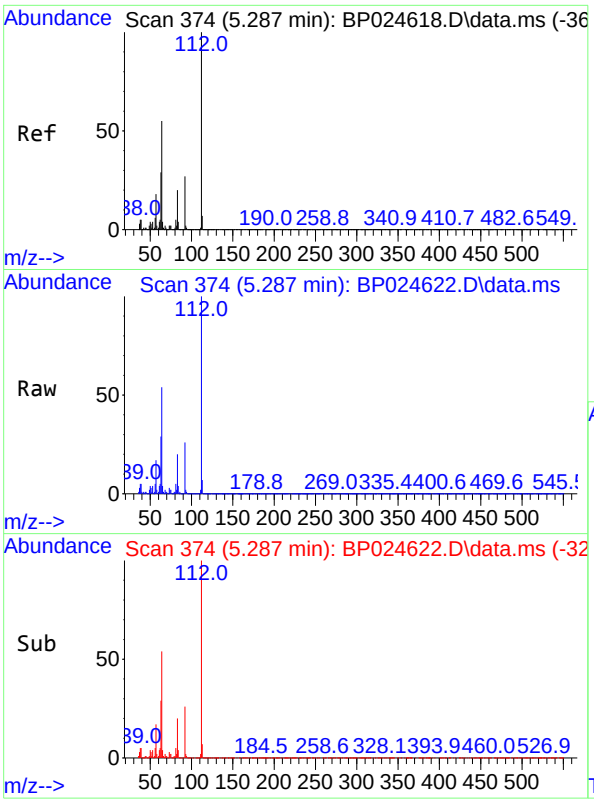


#4
n-Nitrosodimethylamine
Concen: 37.98 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



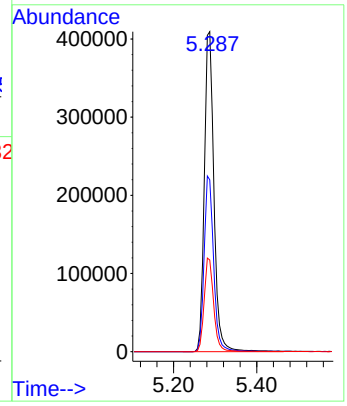


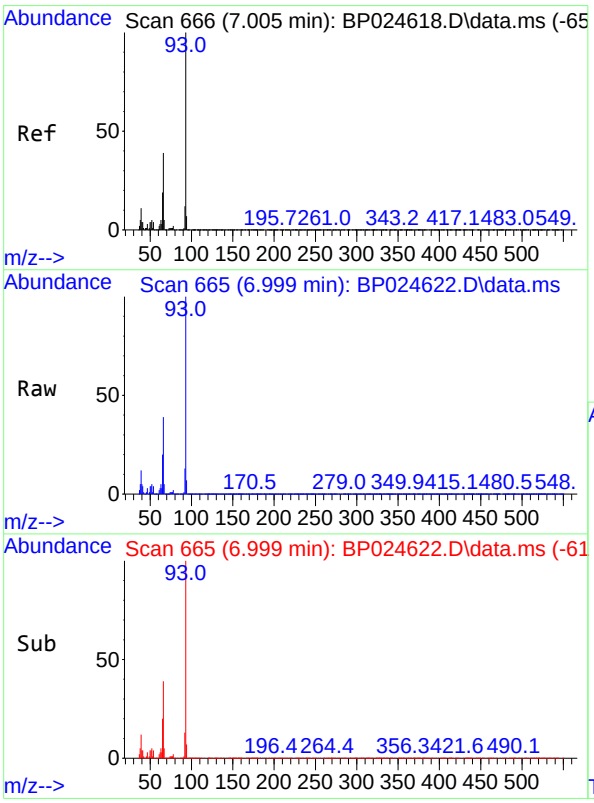
#5
2-Fluorophenol
Concen: 77.95 ng
RT: 5.287 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

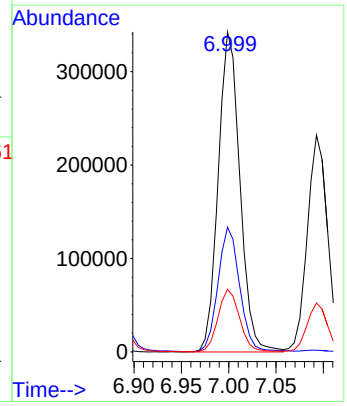


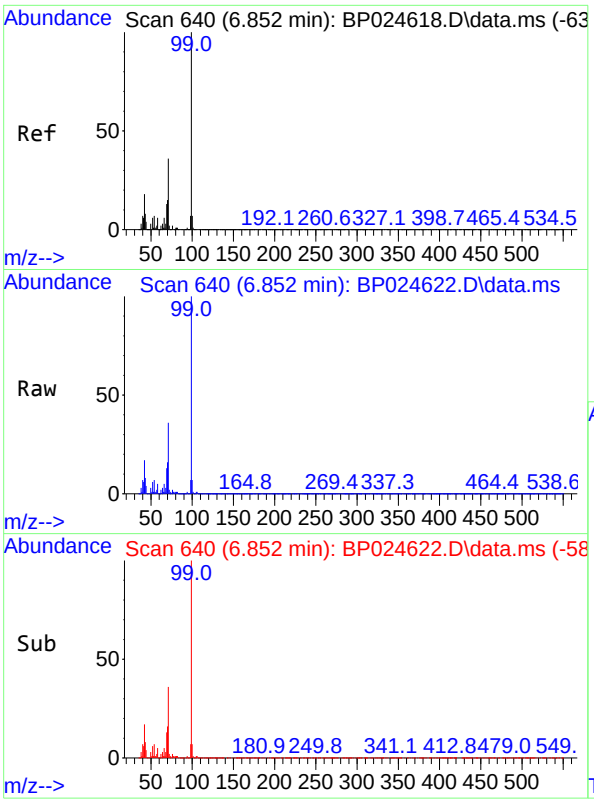


#6
Aniline
Concen: 39.21 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



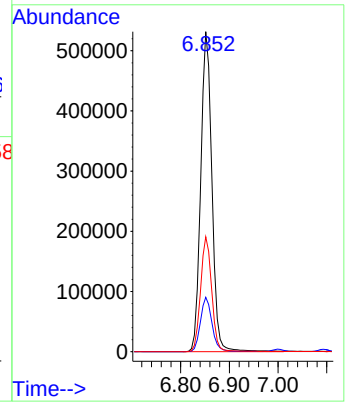


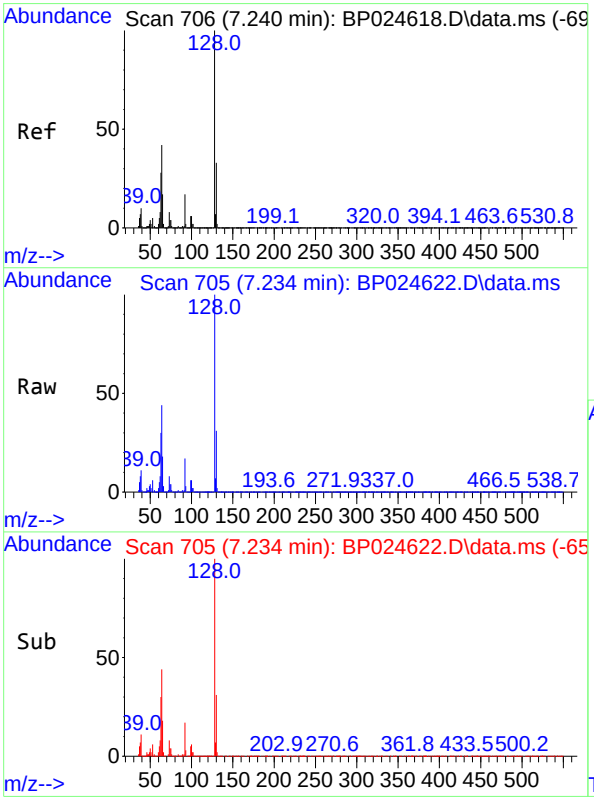
#7
Phenol-d6
Concen: 79.09 ng
RT: 6.852 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

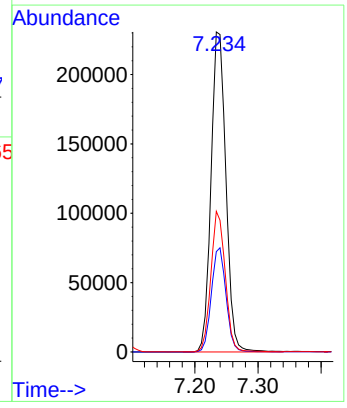


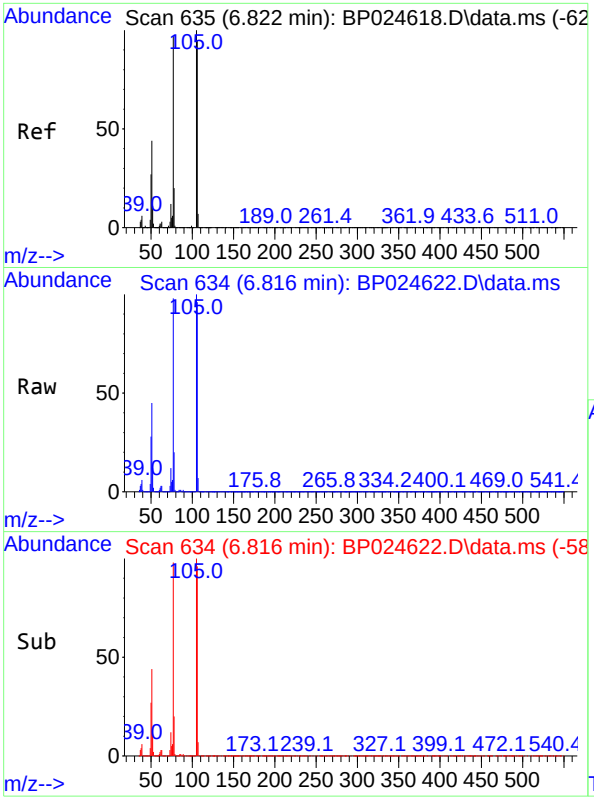


#8
2-Chlorophenol
Concen: 39.37 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



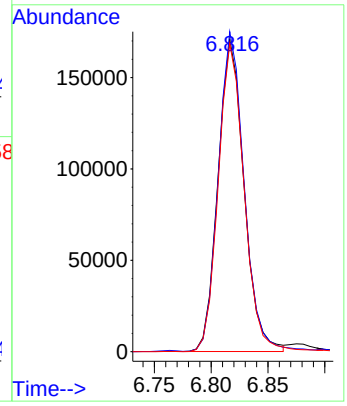


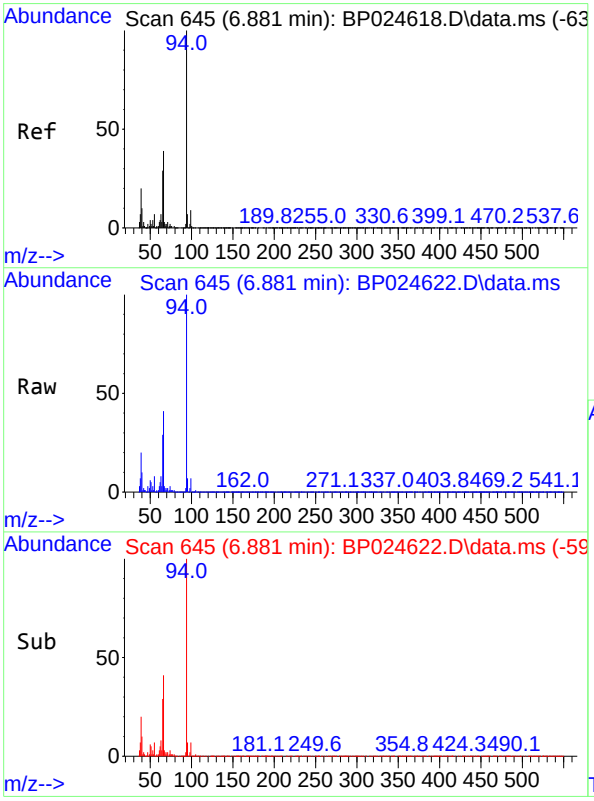
#9
Benzaldehyde
Concen: 39.03 ng
RT: 6.816 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

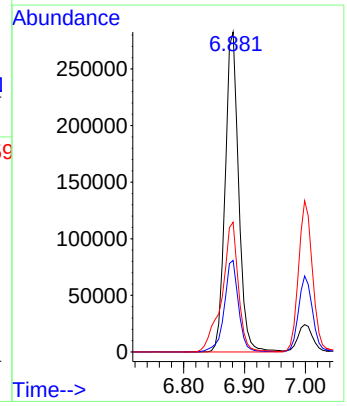


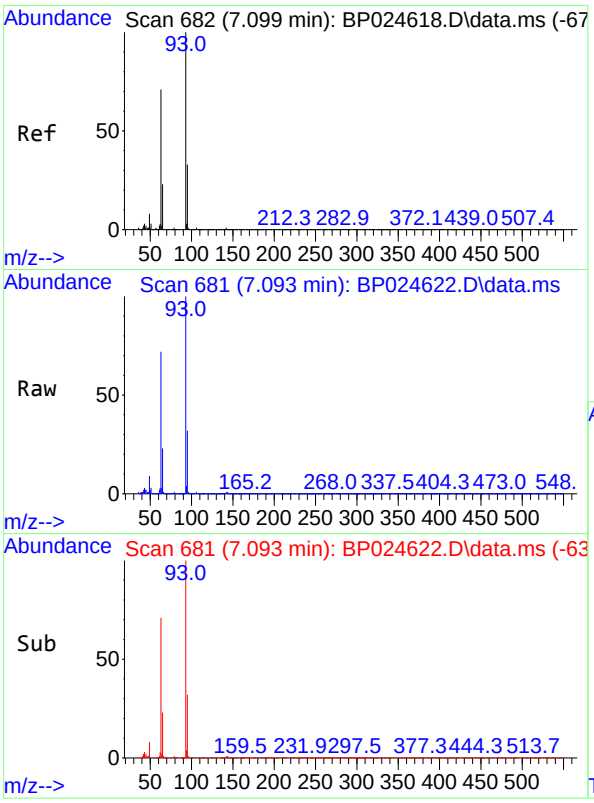


#10
Phenol
Concen: 39.09 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



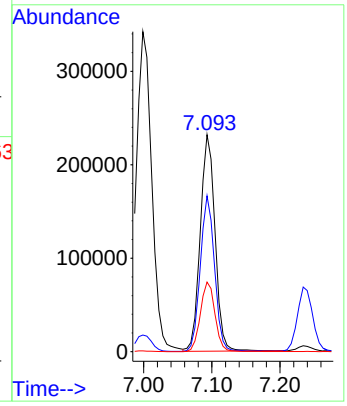


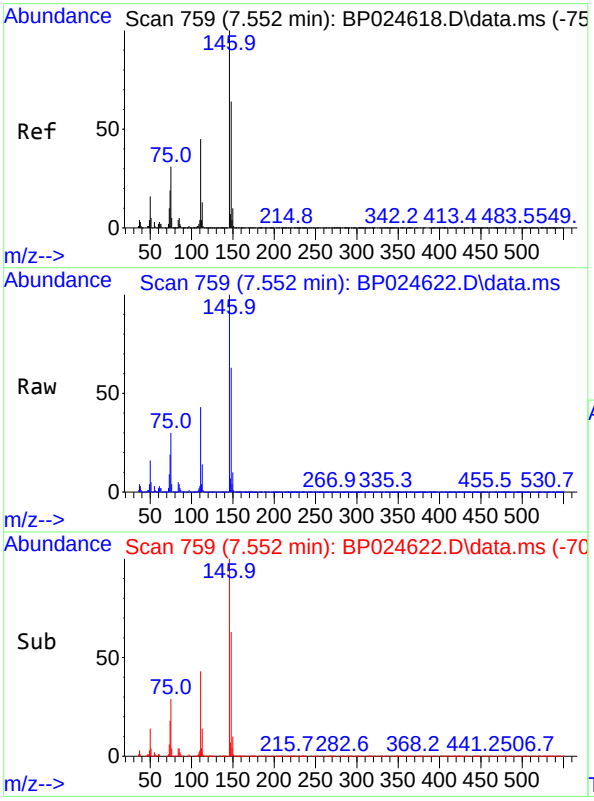
#11
bis(2-Chloroethyl)ether
Concen: 37.94 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

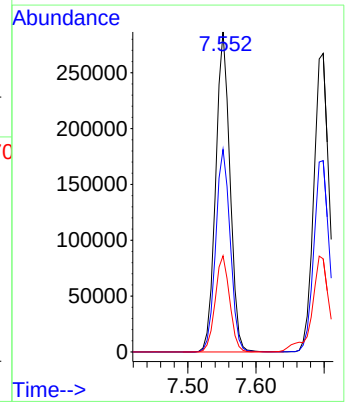


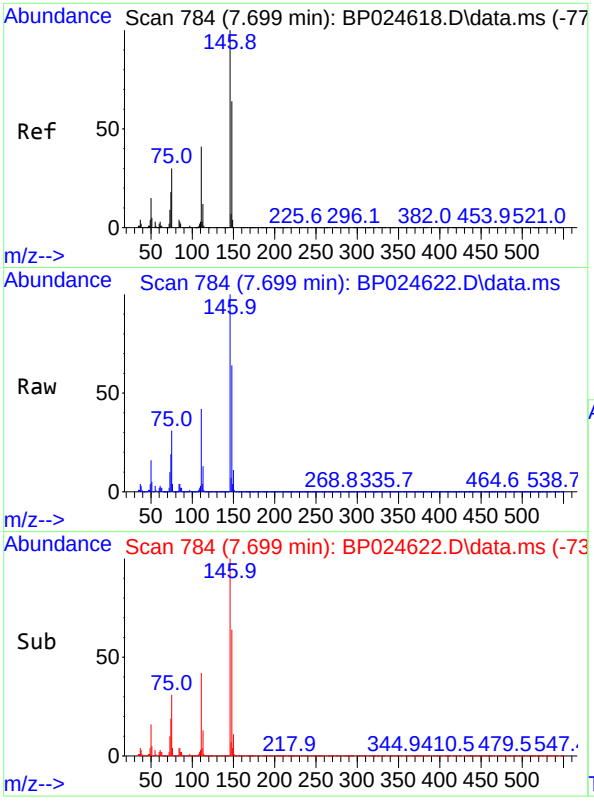


#12
1,3-Dichlorobenzene
Concen: 37.89 ng
RT: 7.552 min Scan# 759
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



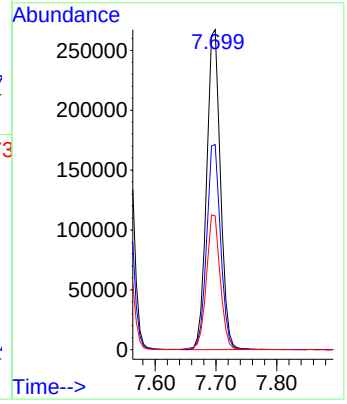


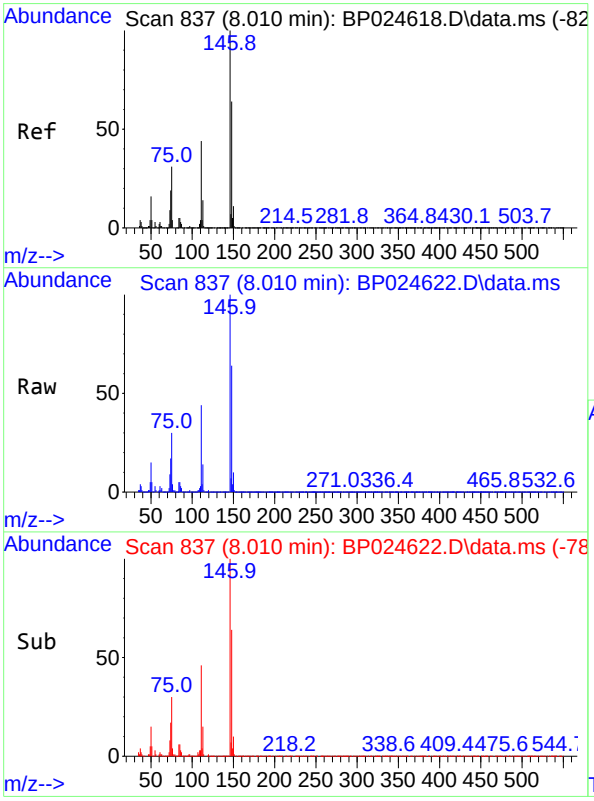
#13
1,4-Dichlorobenzene
Concen: 37.90 ng
RT: 7.699 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

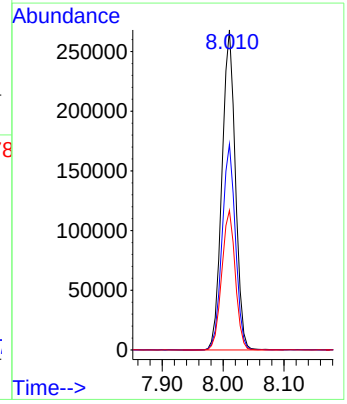


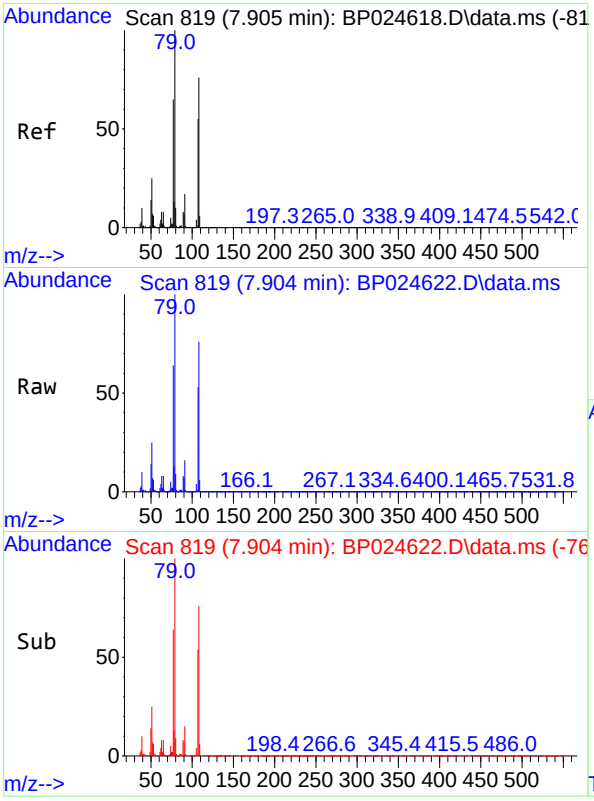


#14
1,2-Dichlorobenzene
Concen: 37.90 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



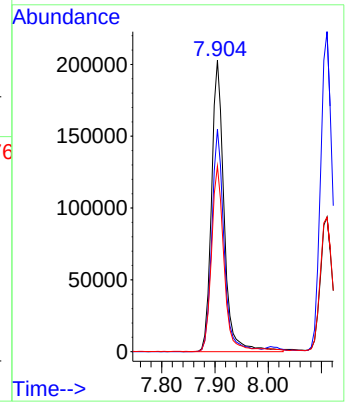


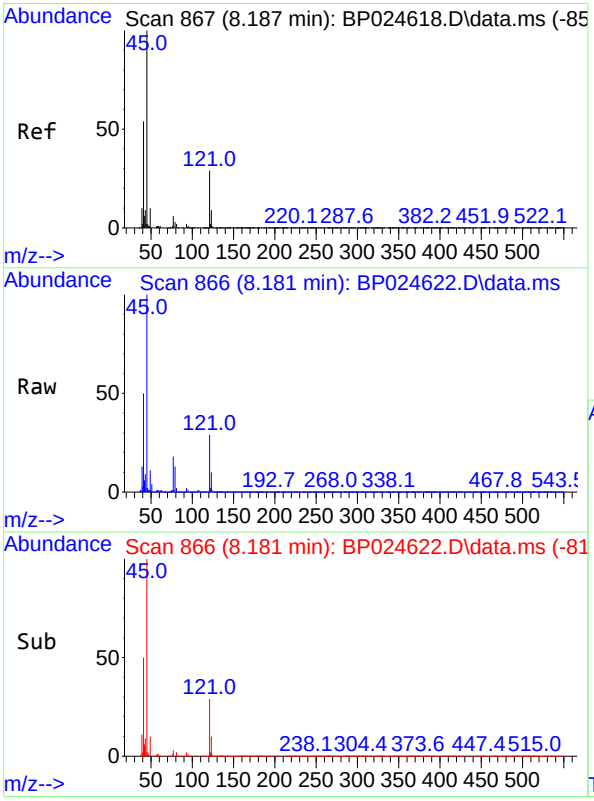
#15
Benzyl Alcohol
Concen: 40.54 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

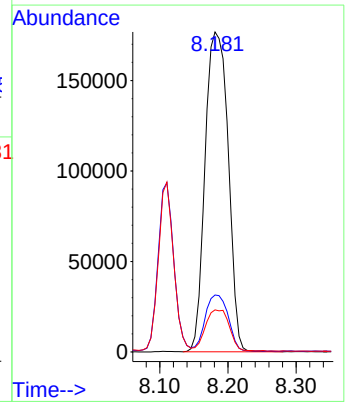


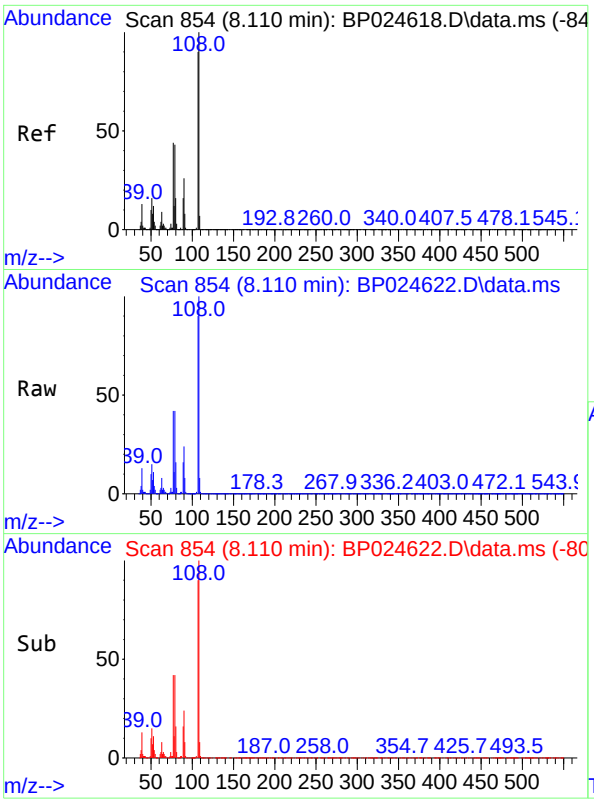


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.04 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



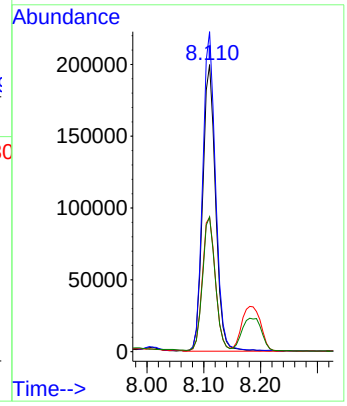


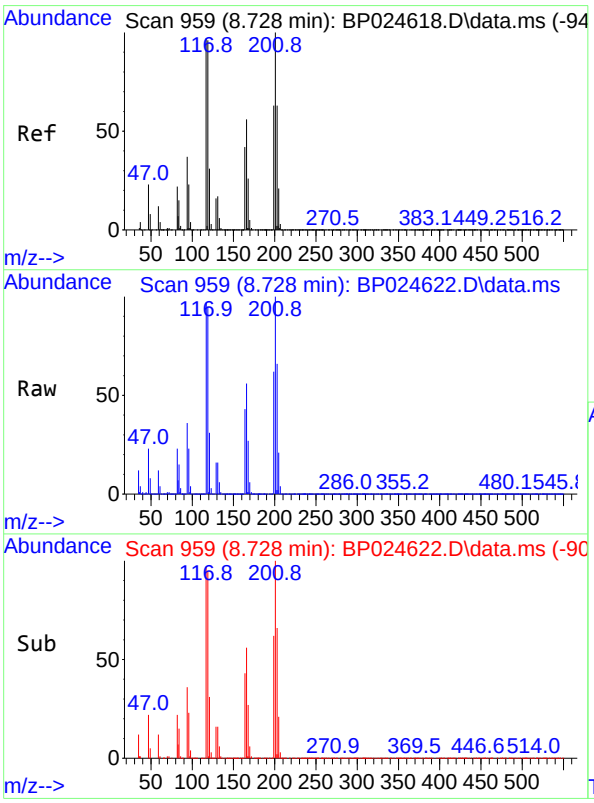
#17
2-Methylphenol
Concen: 39.62 ng
RT: 8.110 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

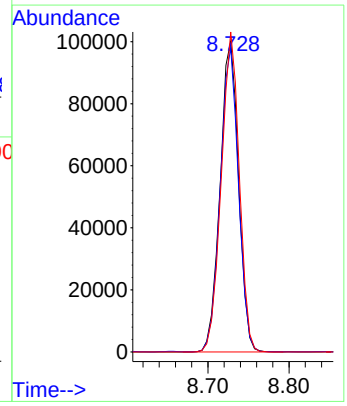


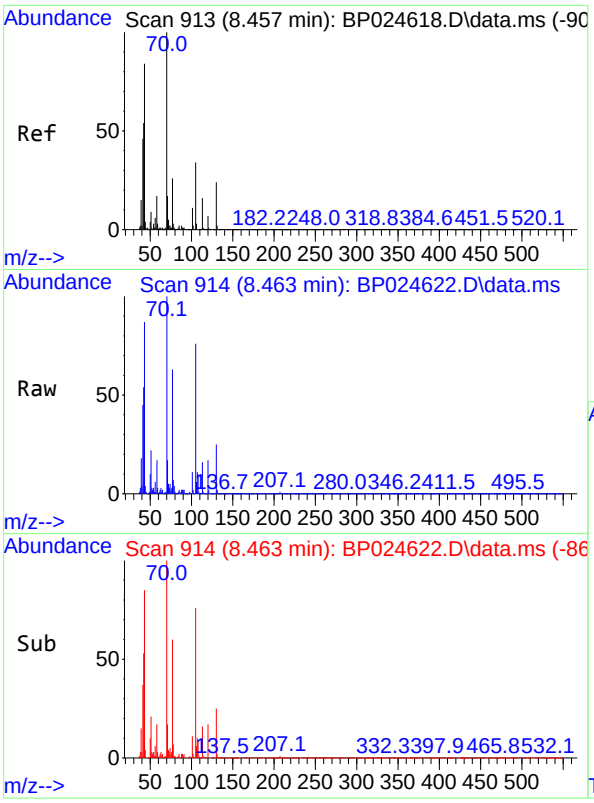


#18
Hexachloroethane
Concen: 37.21 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



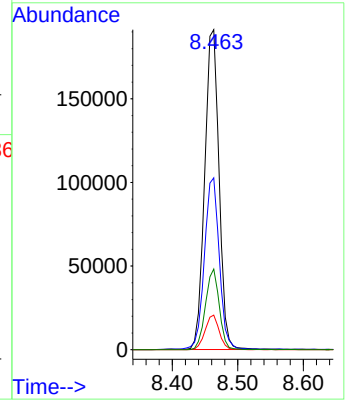


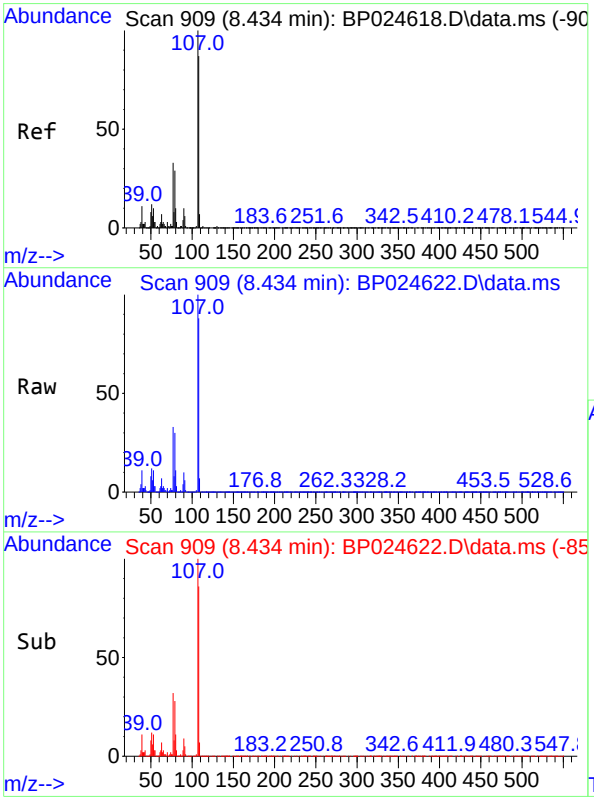
#19
n-Nitroso-di-n-propylamine
Concen: 39.16 ng
RT: 8.463 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

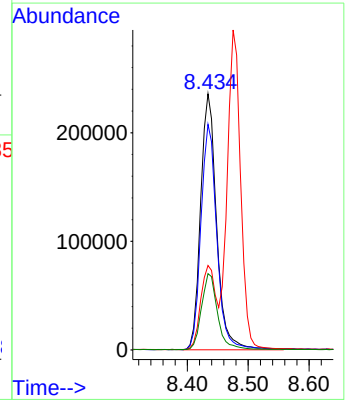


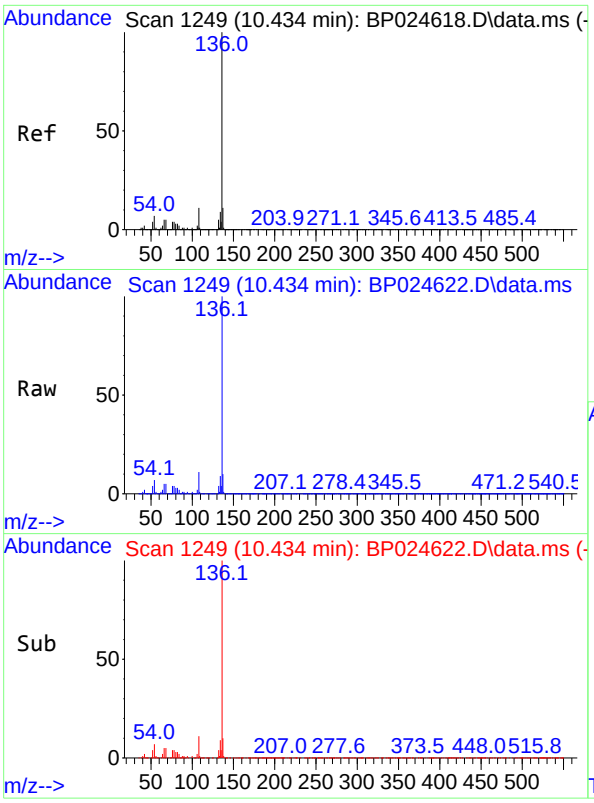


#20
3+4-Methylphenols
Concen: 39.56 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



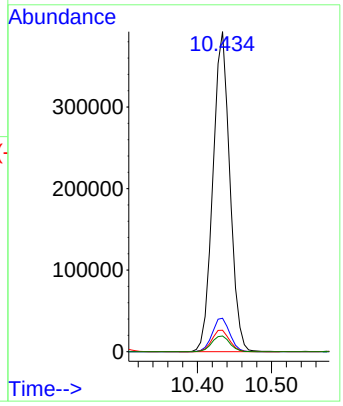


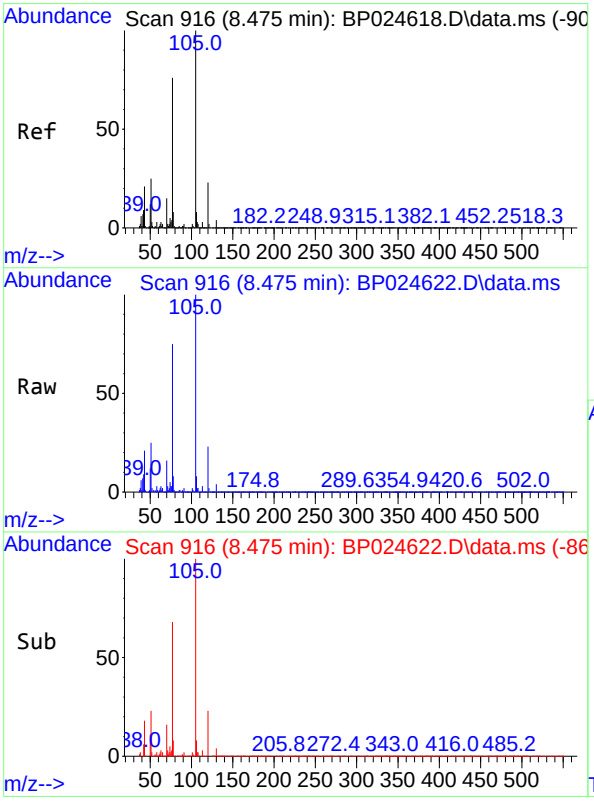
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

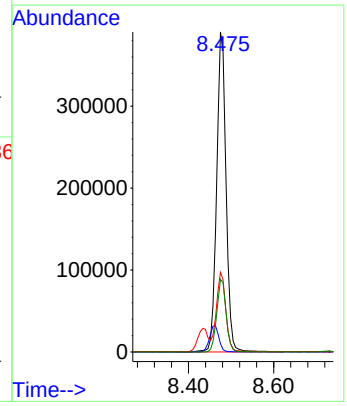


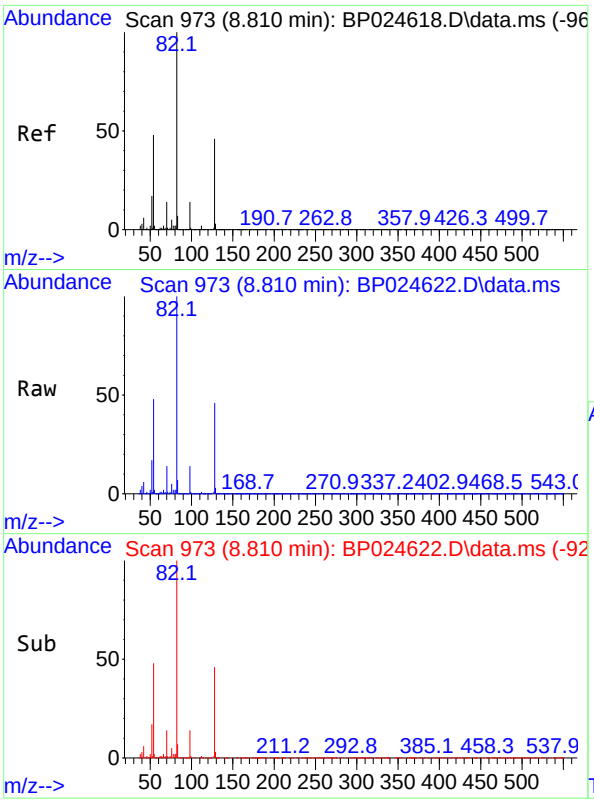


#22
Acetophenone
Concen: 38.47 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



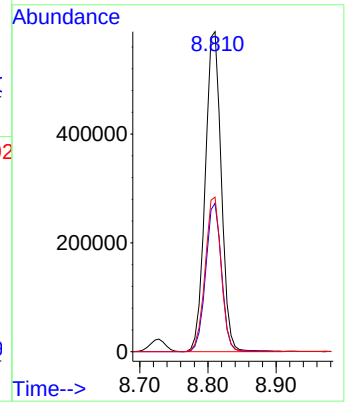


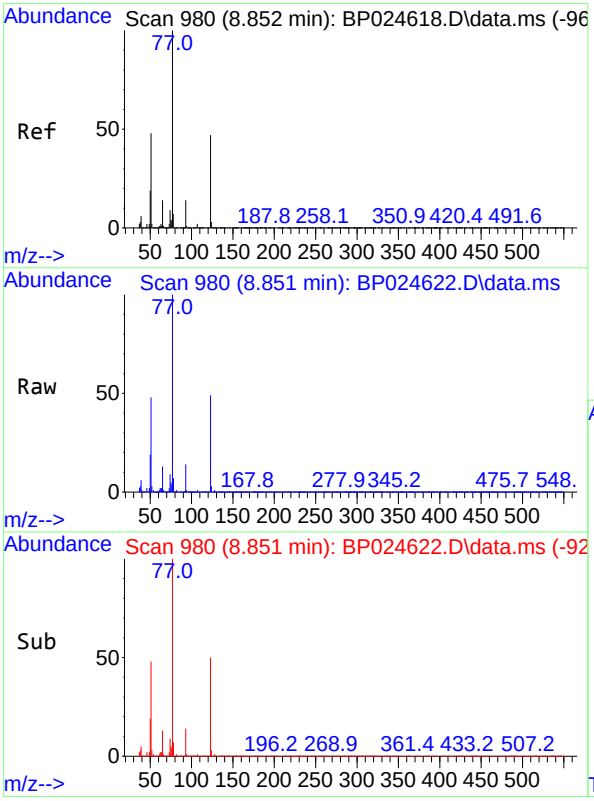
#23
Nitrobenzene-d5
Concen: 78.23 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

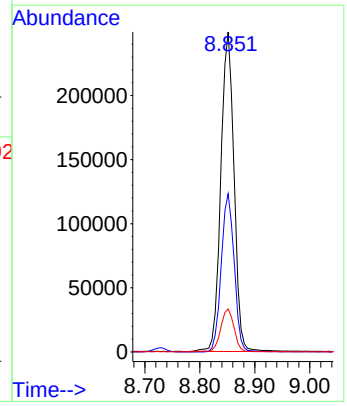


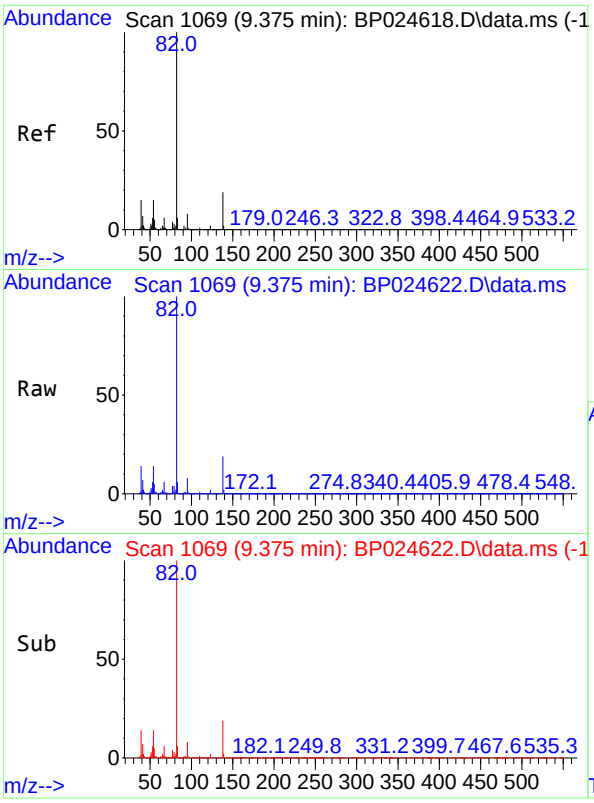


#24
Nitrobenzene
Concen: 38.50 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



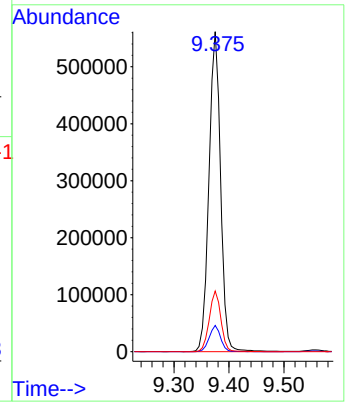


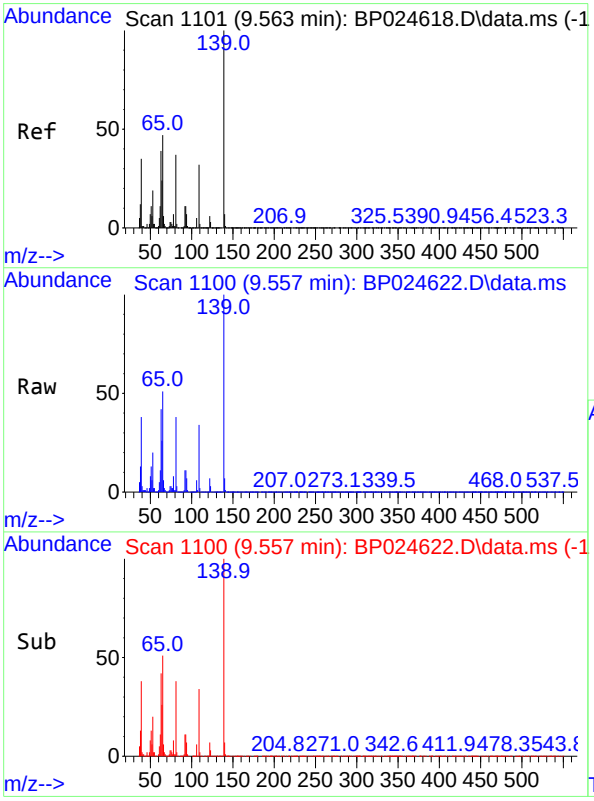
#25
Isophorone
Concen: 38.49 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

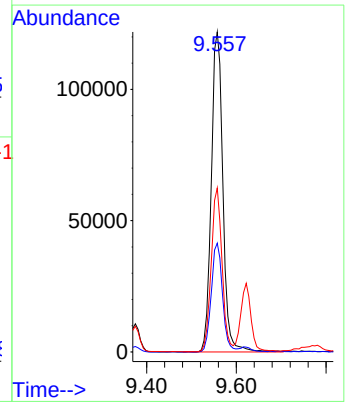


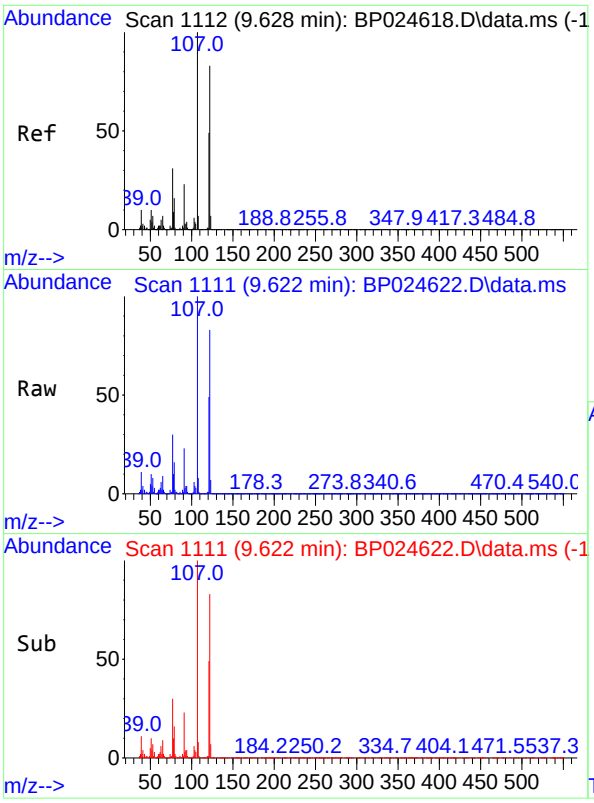


#26
2-Nitrophenol
Concen: 41.12 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



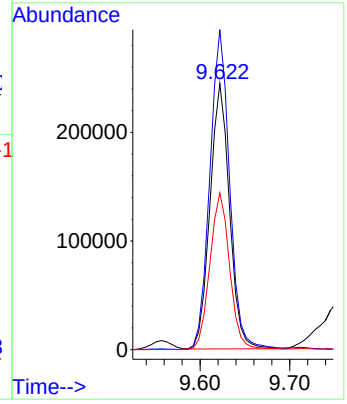


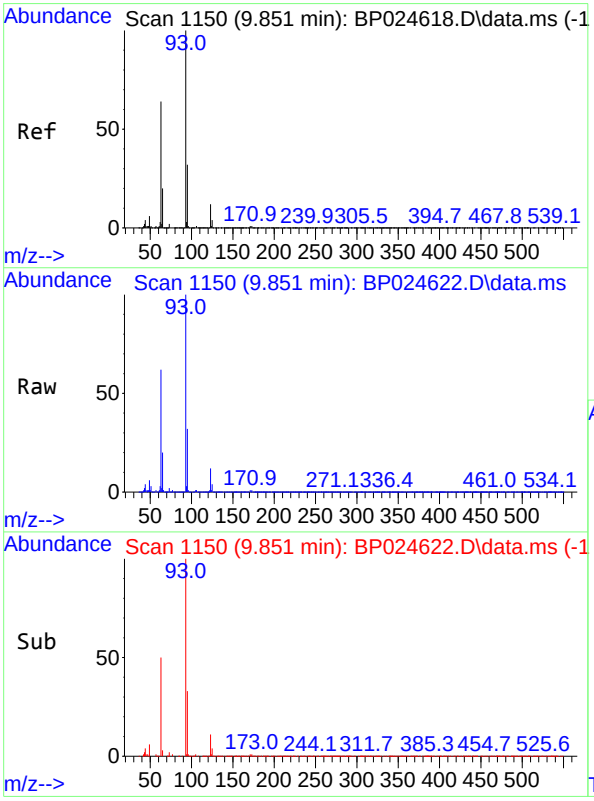
#27
2,4-Dimethylphenol
Concen: 39.48 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

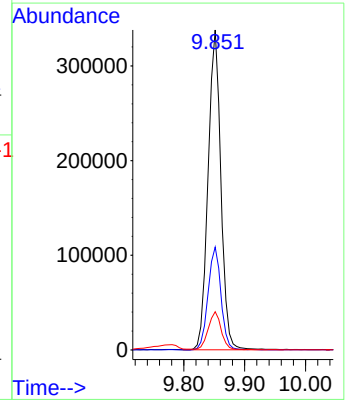


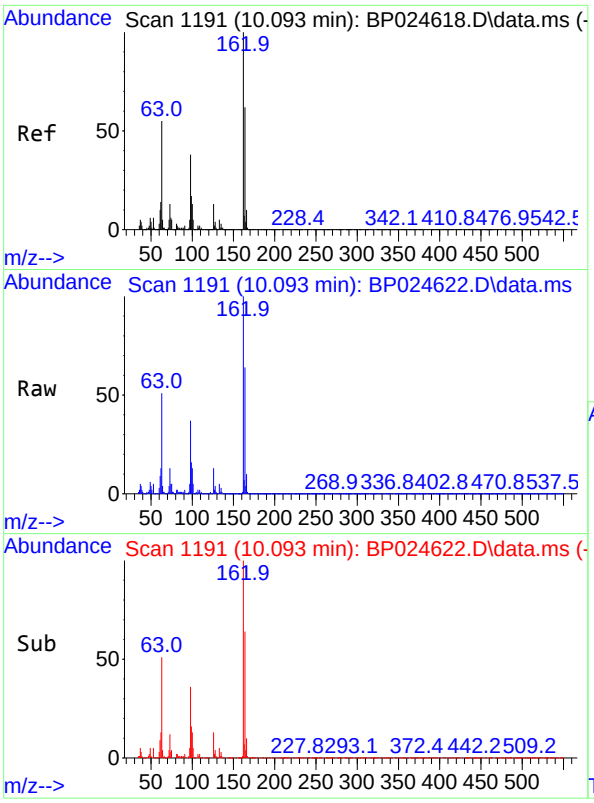


#28
bis(2-Chloroethoxy)methane
Concen: 38.71 ng
RT: 9.851 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



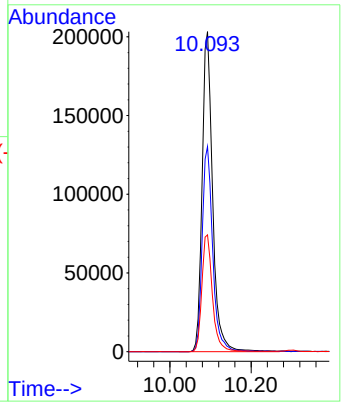


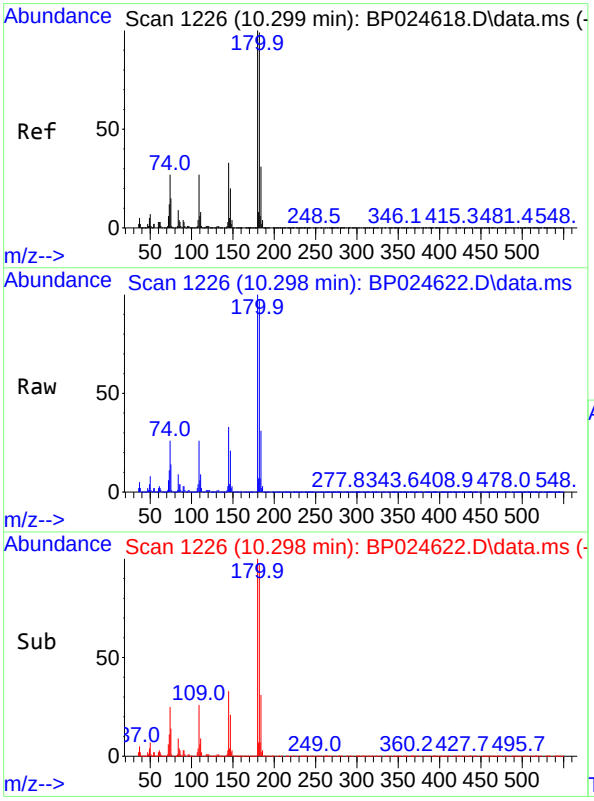
#29
2,4-Dichlorophenol
Concen: 40.19 ng
RT: 10.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

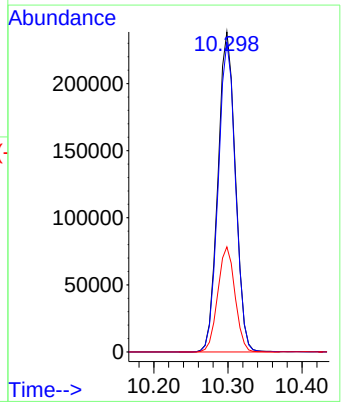


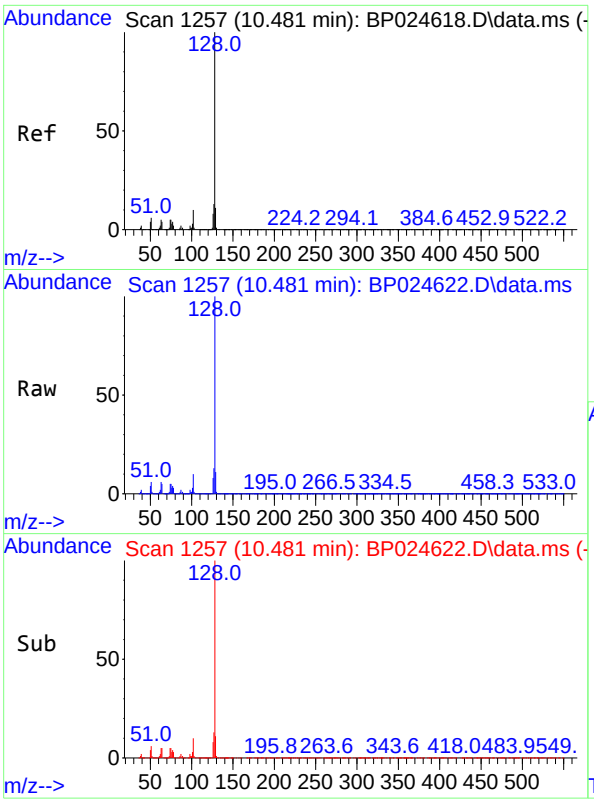


#30
1,2,4-Trichlorobenzene
Concen: 38.11 ng
RT: 10.298 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



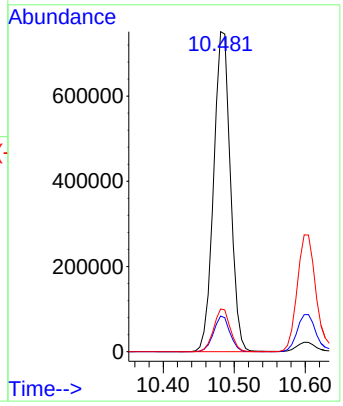


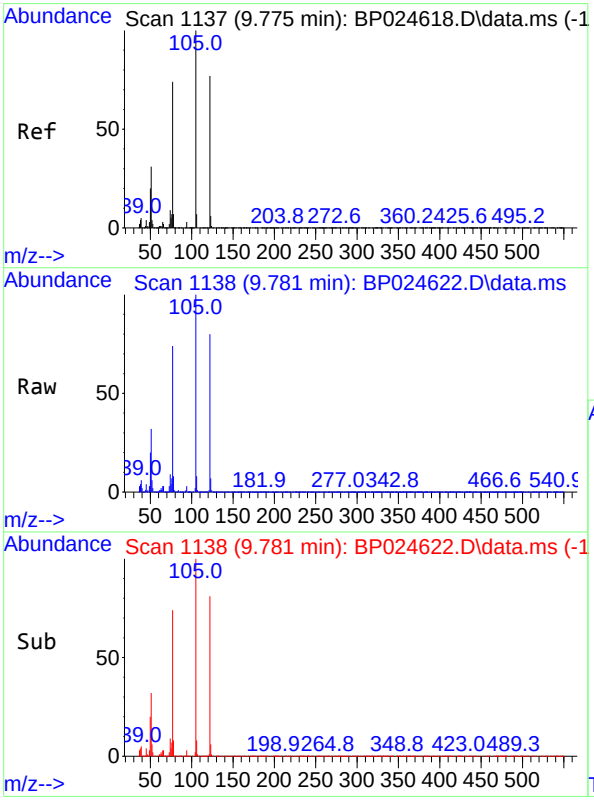
#31
Naphthalene
Concen: 38.07 ng
RT: 10.481 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

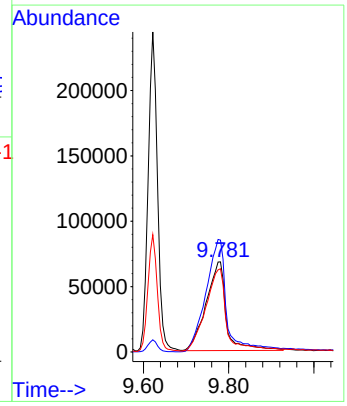


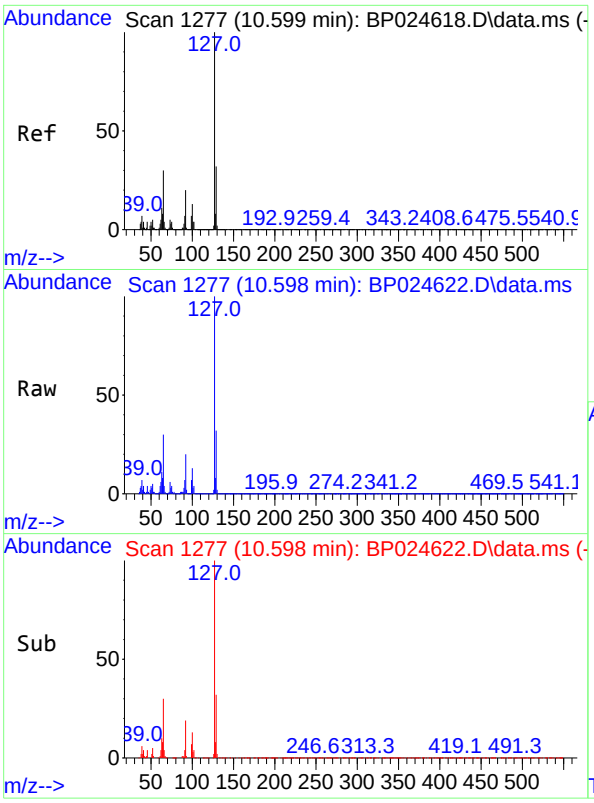


#32
Benzoic acid
Concen: 36.46 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



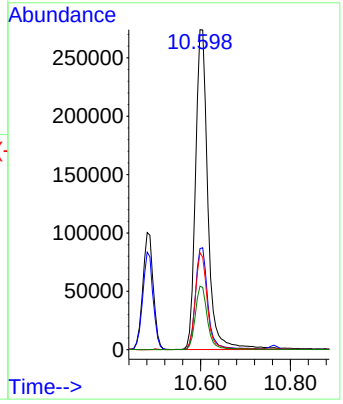


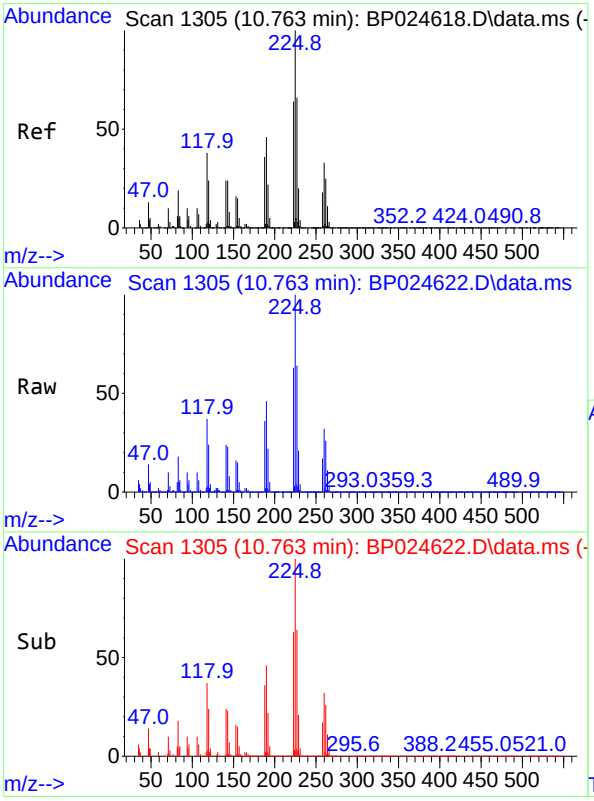
#33
4-Chloroaniline
Concen: 40.37 ng
RT: 10.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

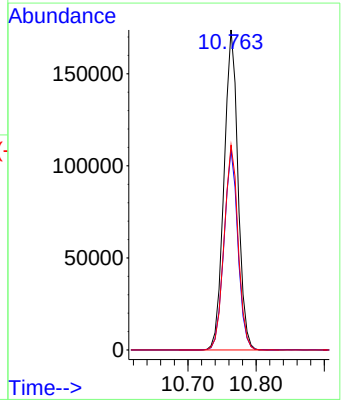


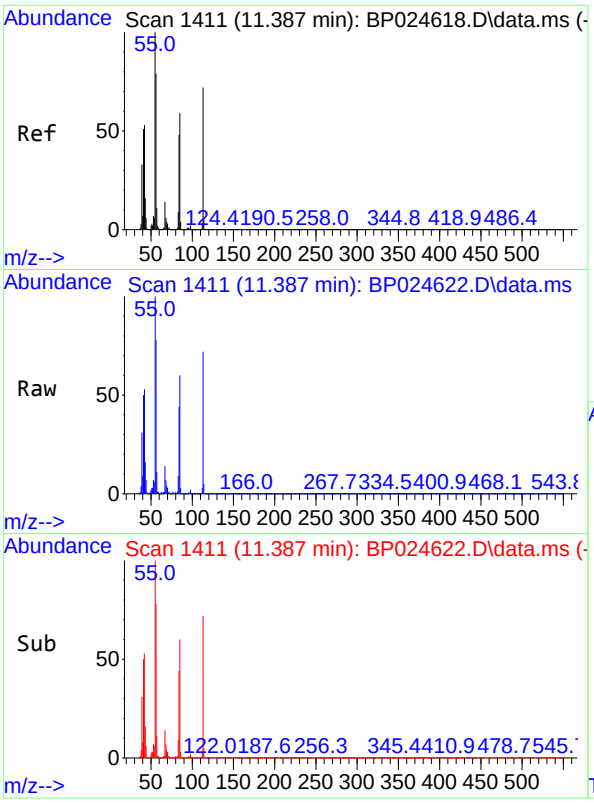


#34
Hexachlorobutadiene
Concen: 37.29 ng
RT: 10.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



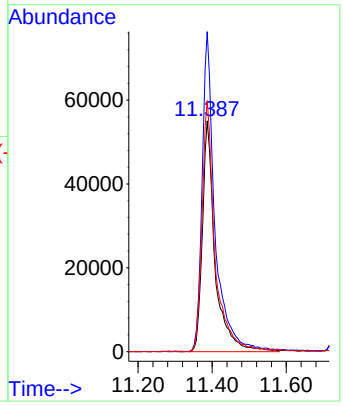


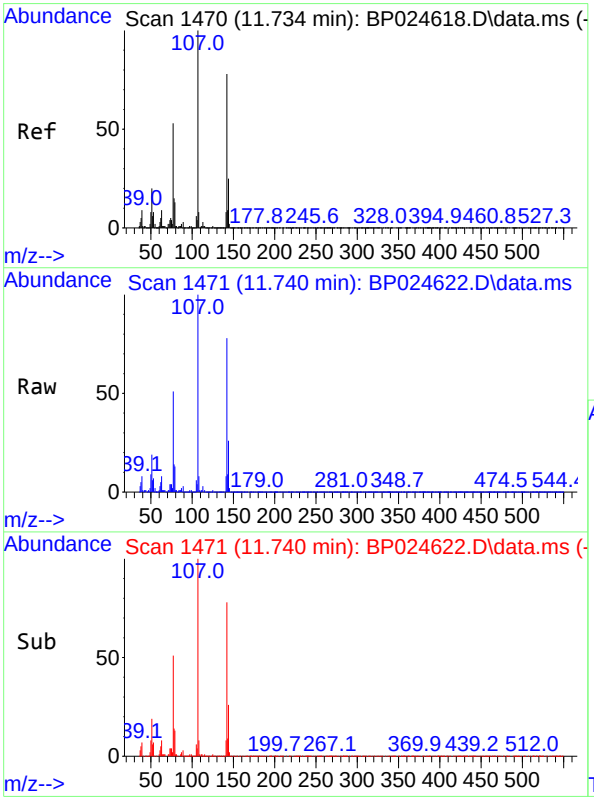
#35
Caprolactam
Concen: 39.75 ng
RT: 11.387 min Scan# 14
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

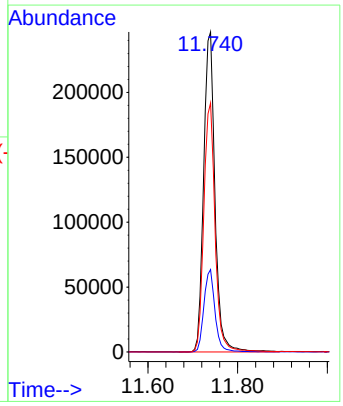


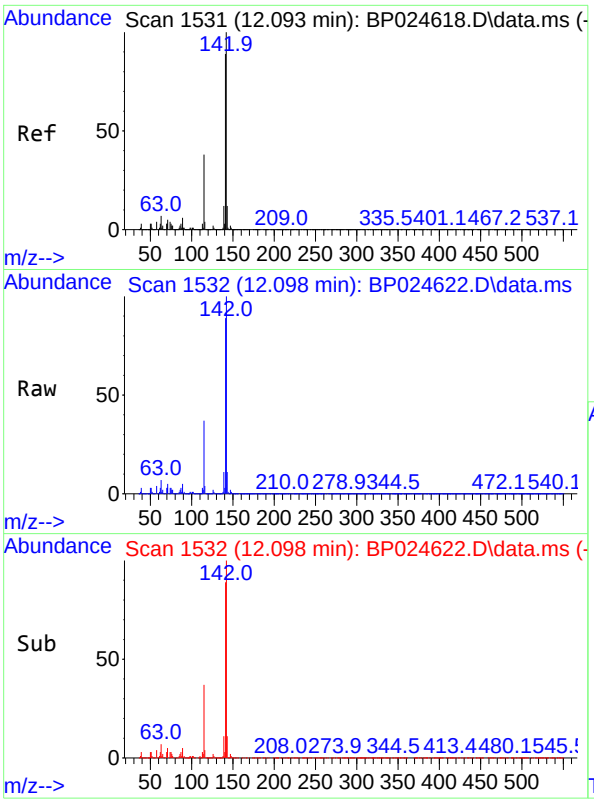


#36
4-Chloro-3-methylphenol
Concen: 39.01 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



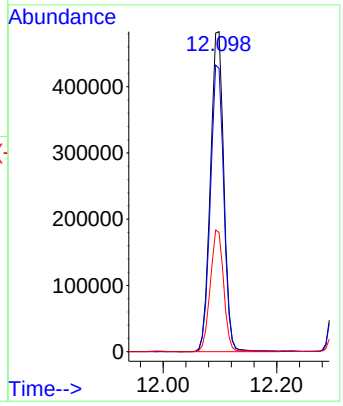


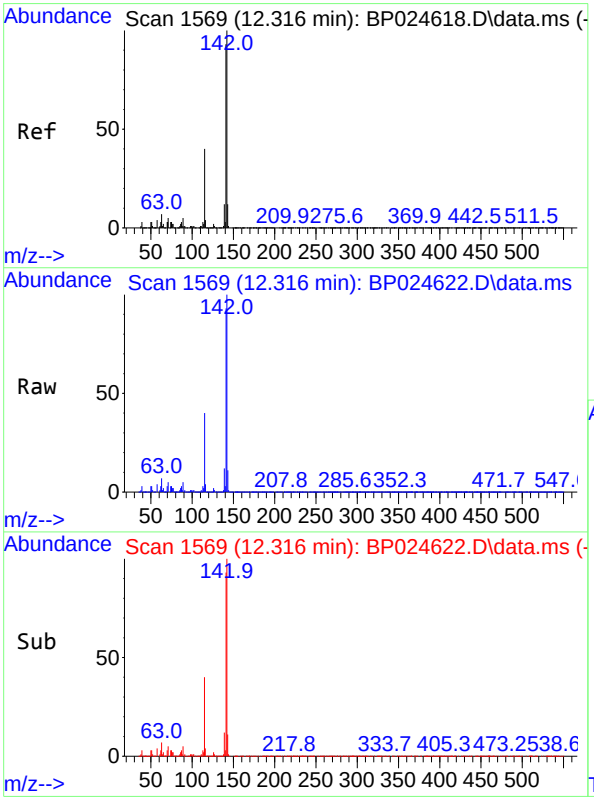
#37
2-Methylnaphthalene
Concen: 37.85 ng
RT: 12.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

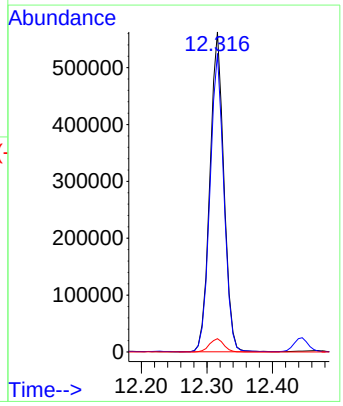


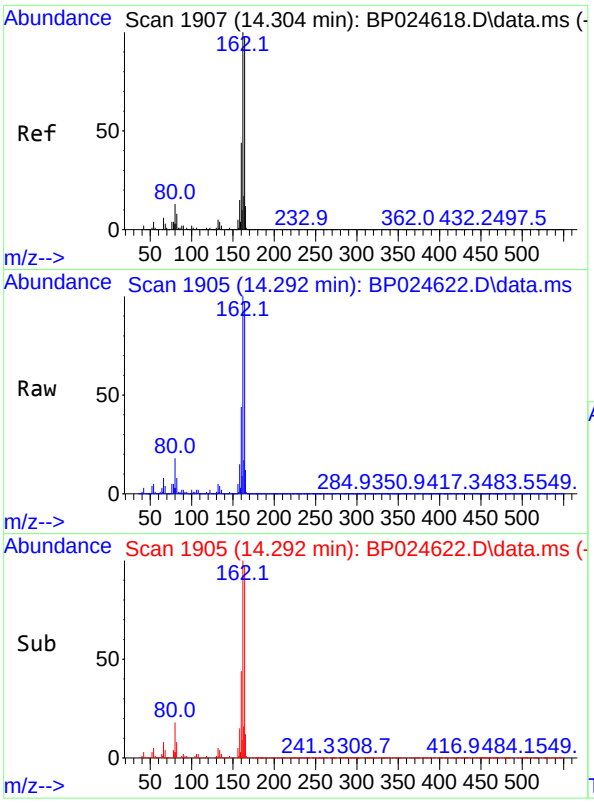


#38
1-Methylnaphthalene
Concen: 37.34 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



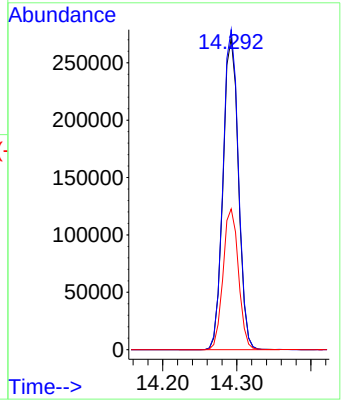


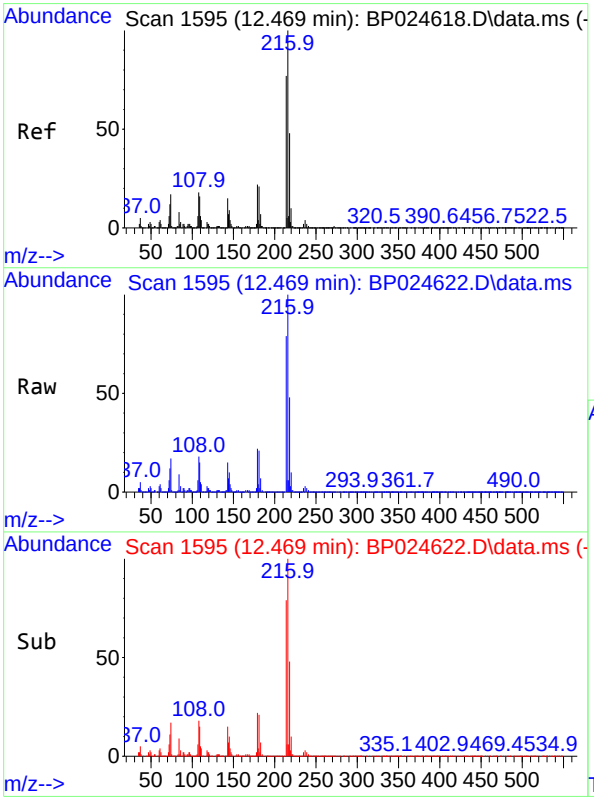
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

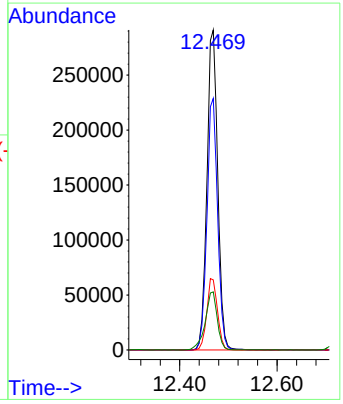


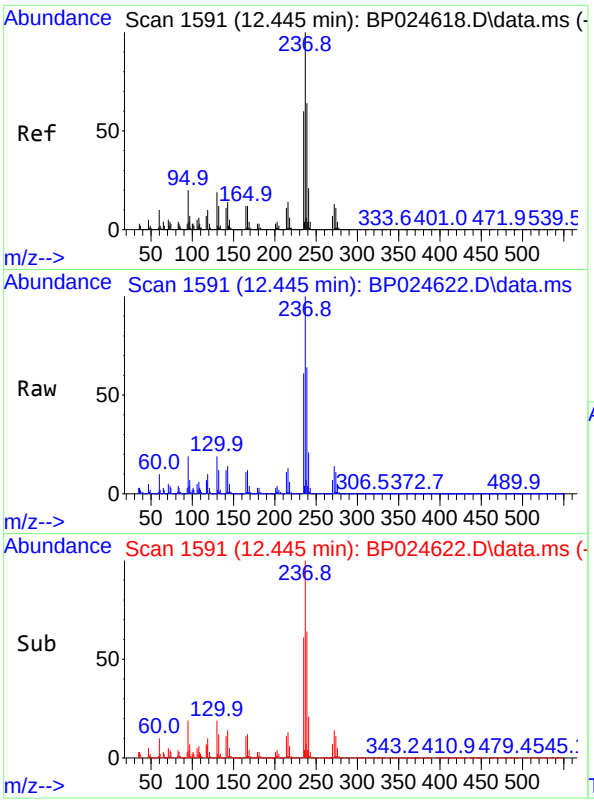


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.13 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



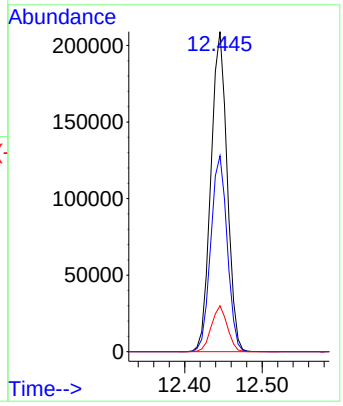


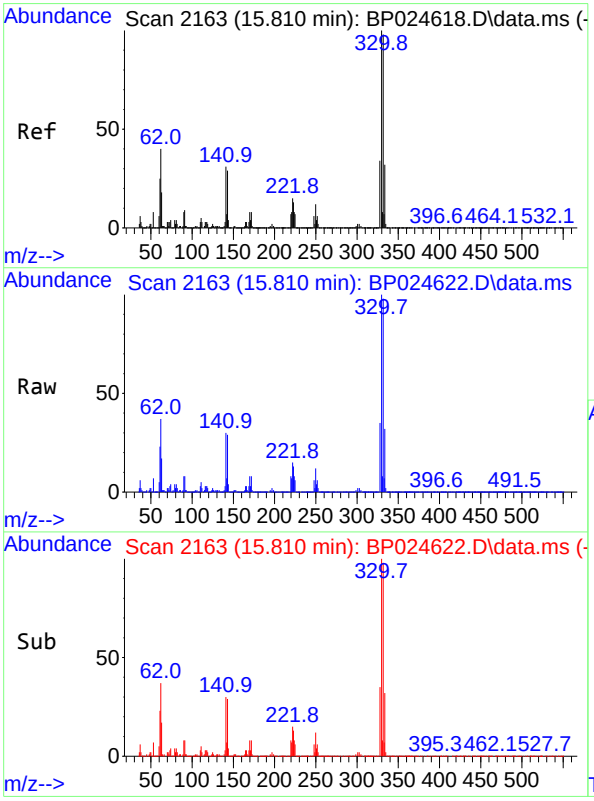
#41
Hexachlorocyclopentadiene
Concen: 44.37 ng
RT: 12.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

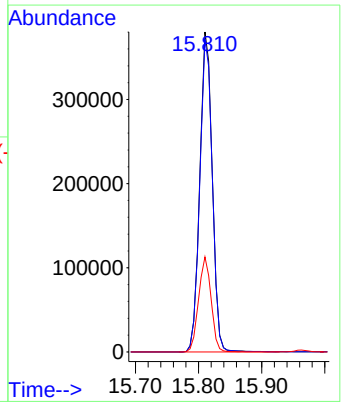


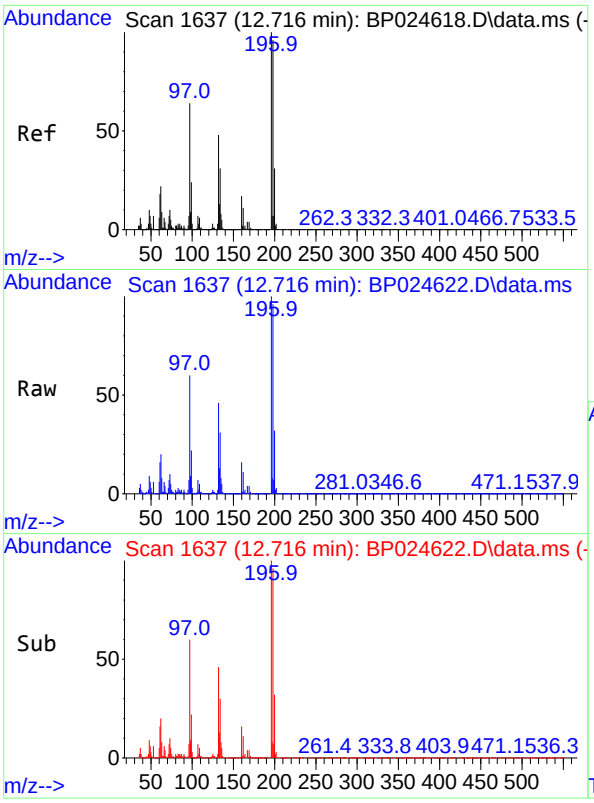


#42
2,4,6-Tribromophenol
Concen: 78.53 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



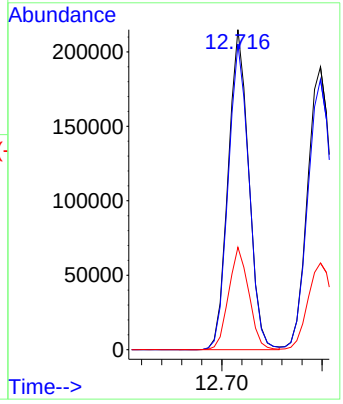


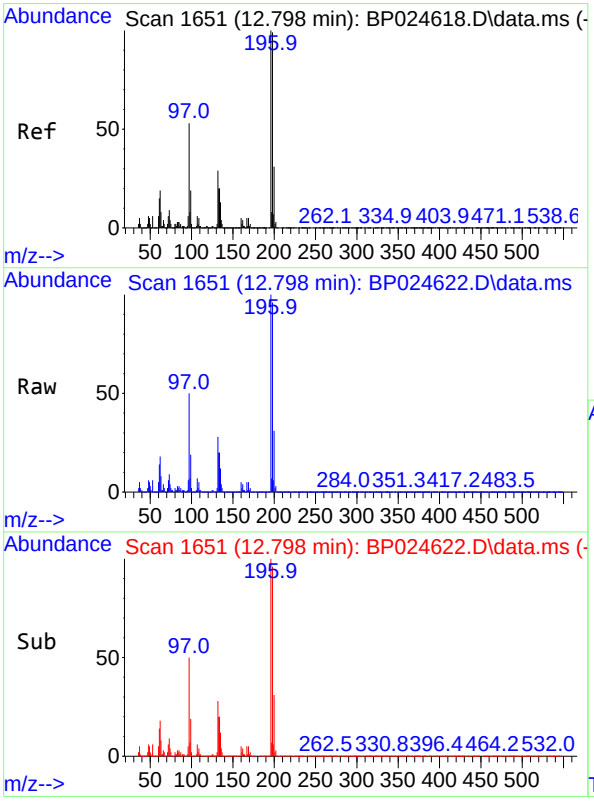
#43
2,4,6-Trichlorophenol
Concen: 41.55 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

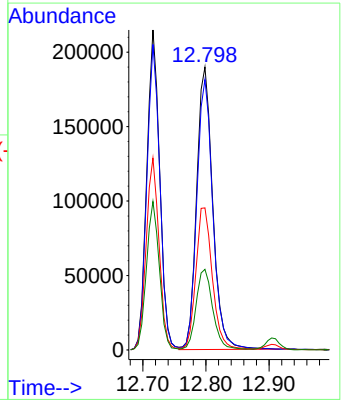


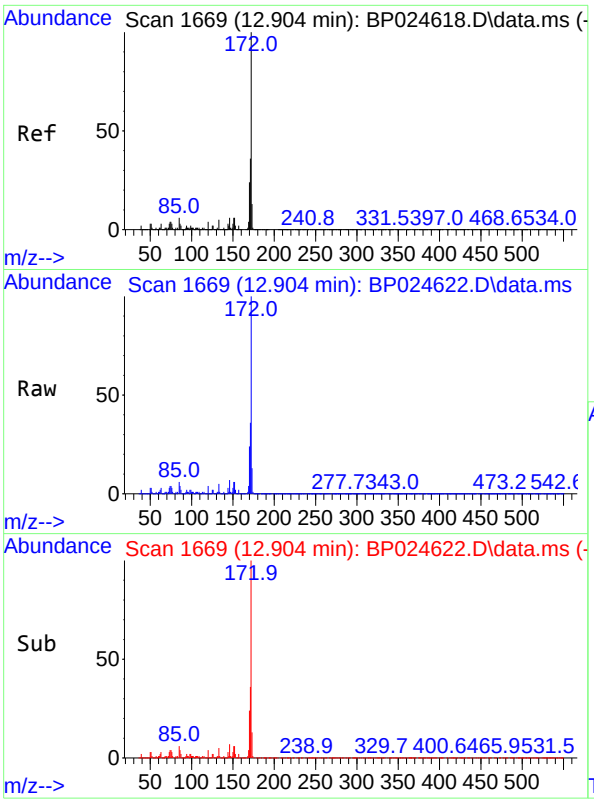


#44
2,4,5-Trichlorophenol
Concen: 41.06 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



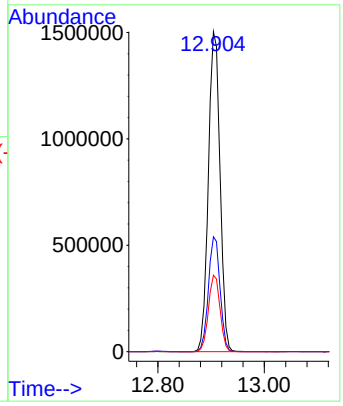


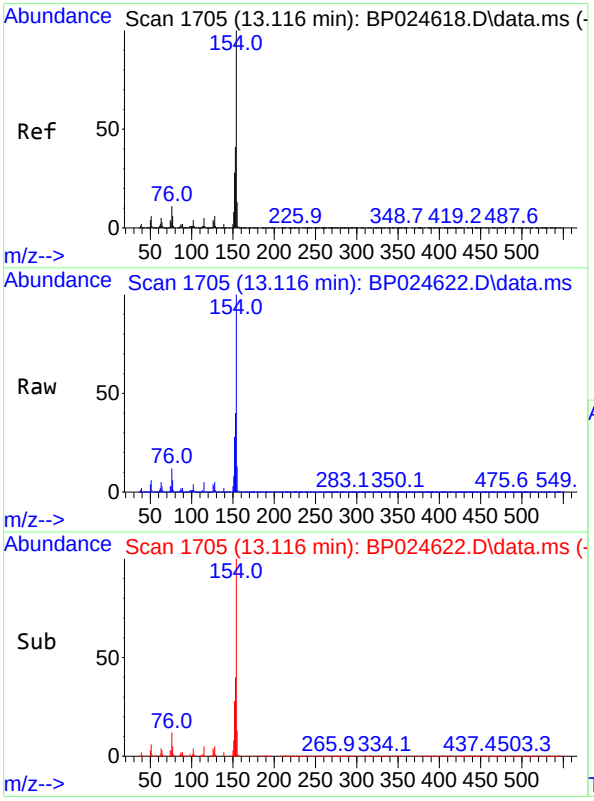
#45
2-Fluorobiphenyl
Concen: 76.73 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

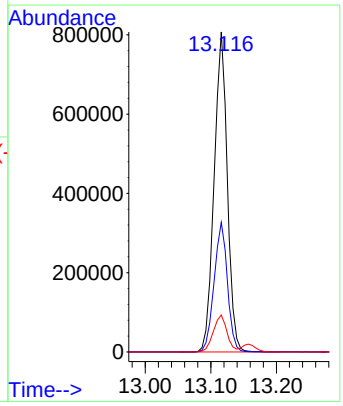


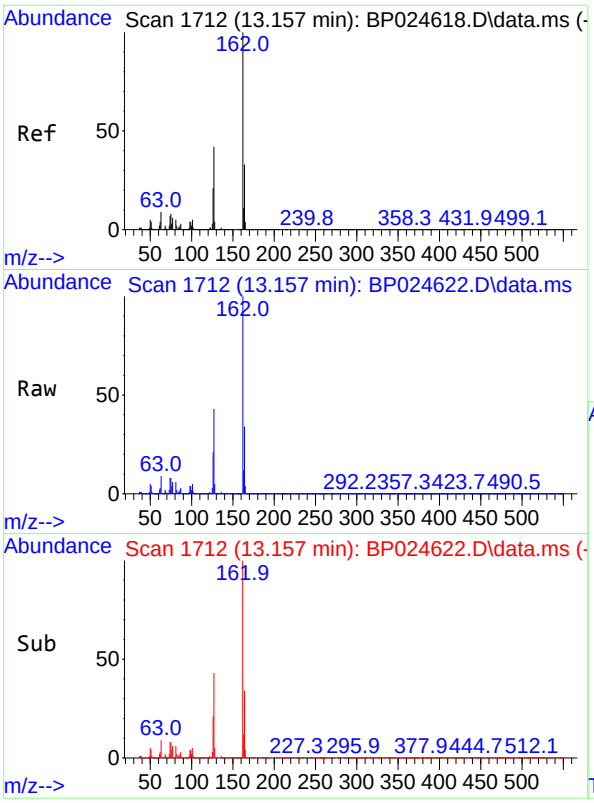


#46
1,1'-Biphenyl
Concen: 38.91 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



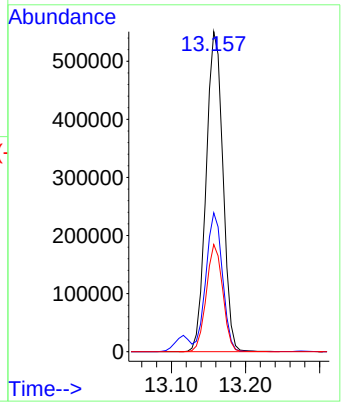


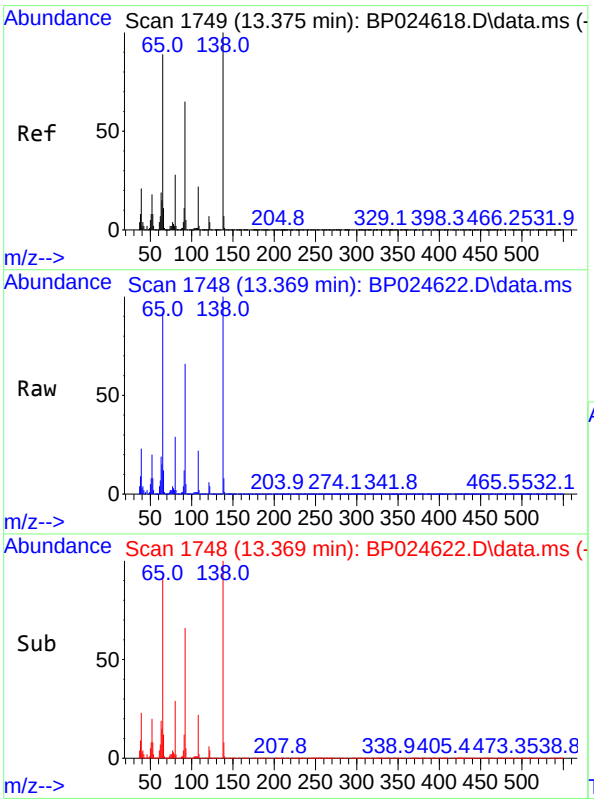
#47
2-Chloronaphthalene
Concen: 39.24 ng
RT: 13.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

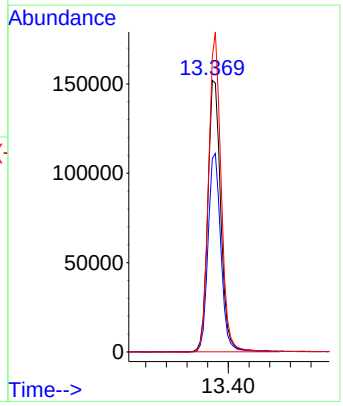


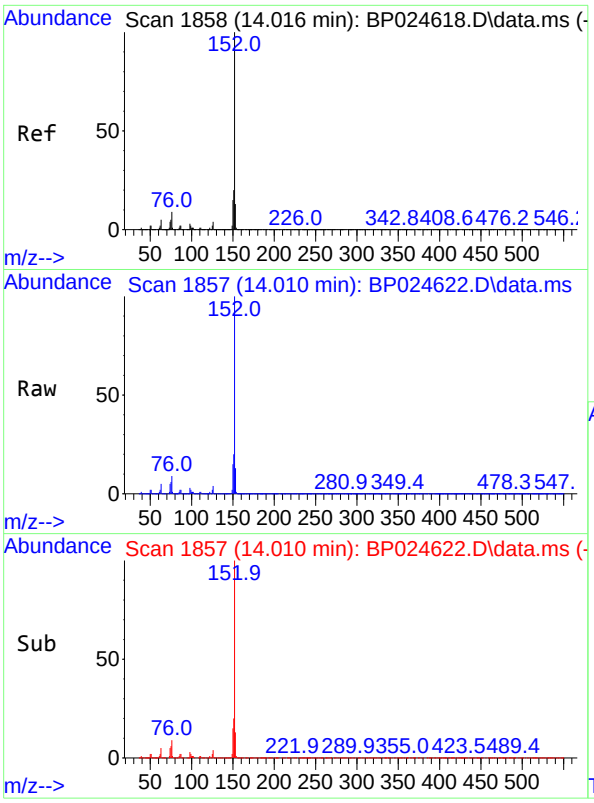


#48
2-Nitroaniline
Concen: 40.60 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



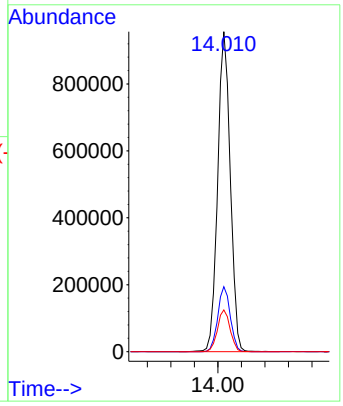


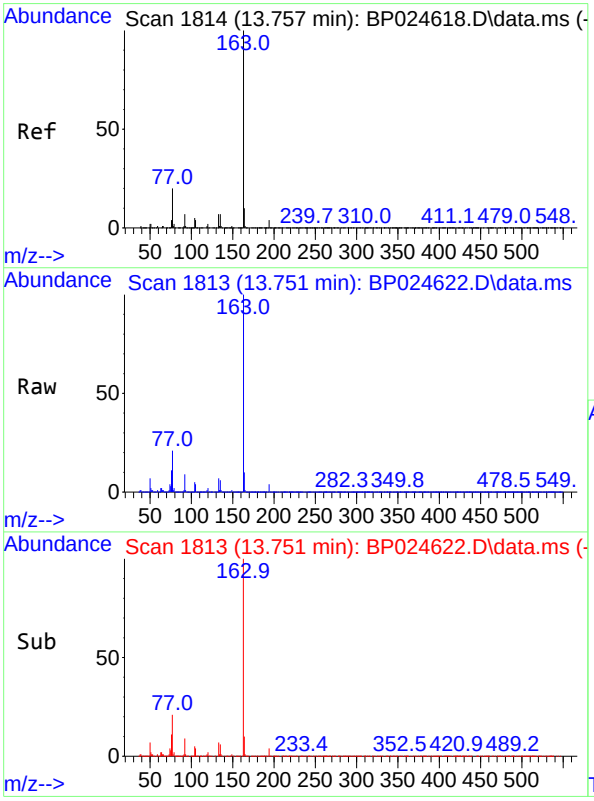
#49
Acenaphthylene
Concen: 38.49 ng
RT: 14.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

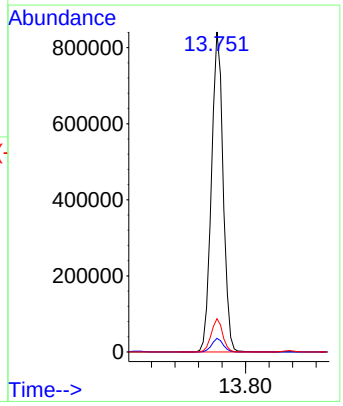


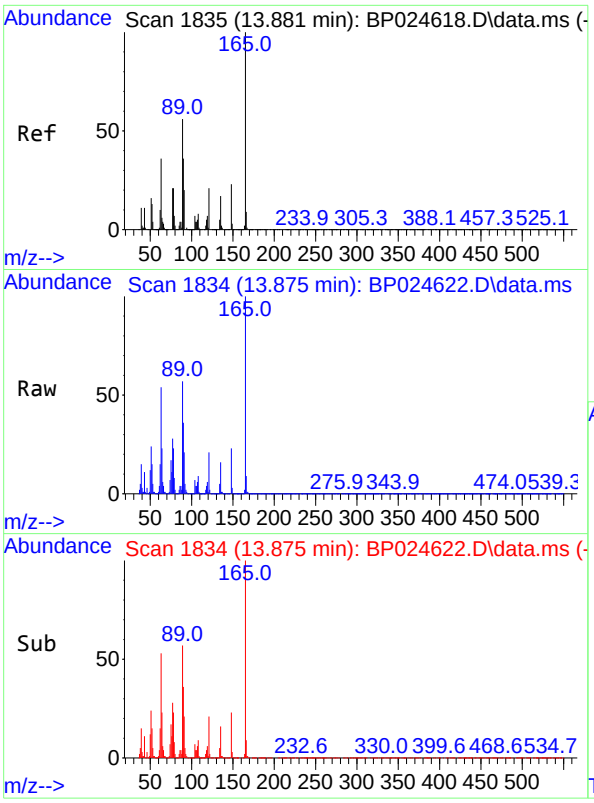


#50
Dimethylphthalate
Concen: 38.75 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



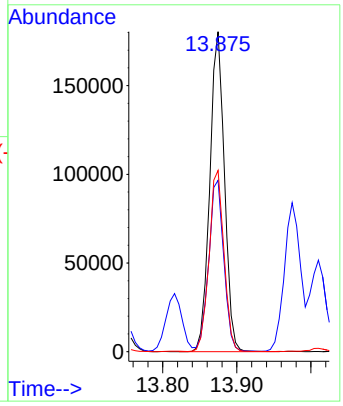


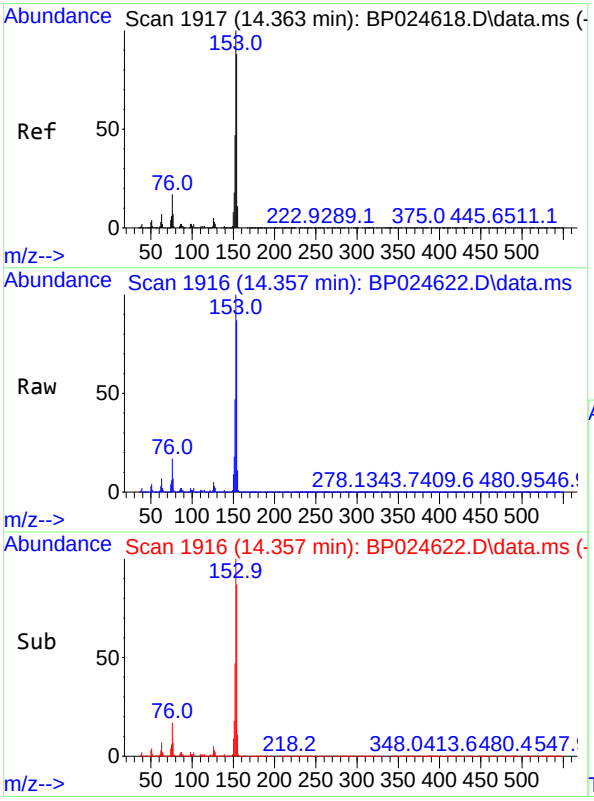
#51
2,6-Dinitrotoluene
Concen: 39.32 ng
RT: 13.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

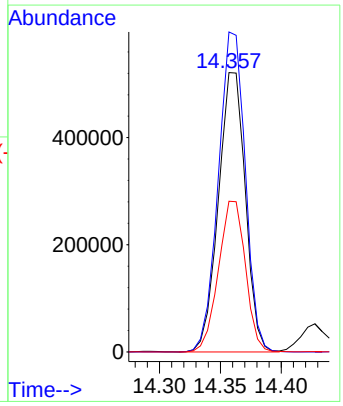


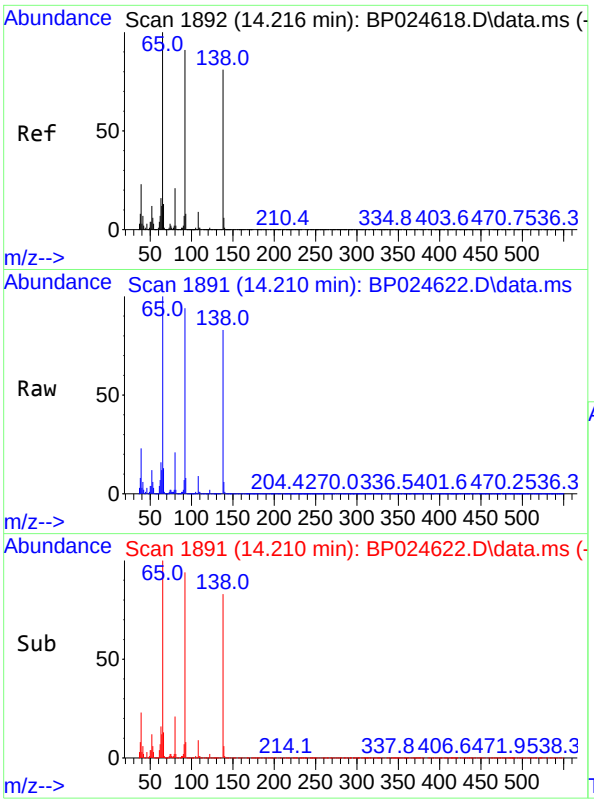


#52
Acenaphthene
Concen: 37.90 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



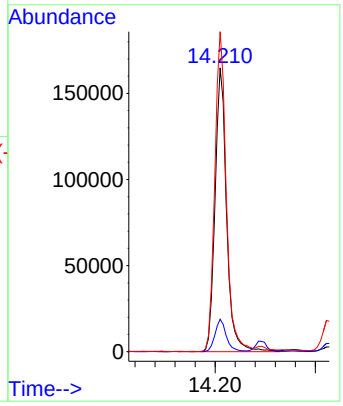


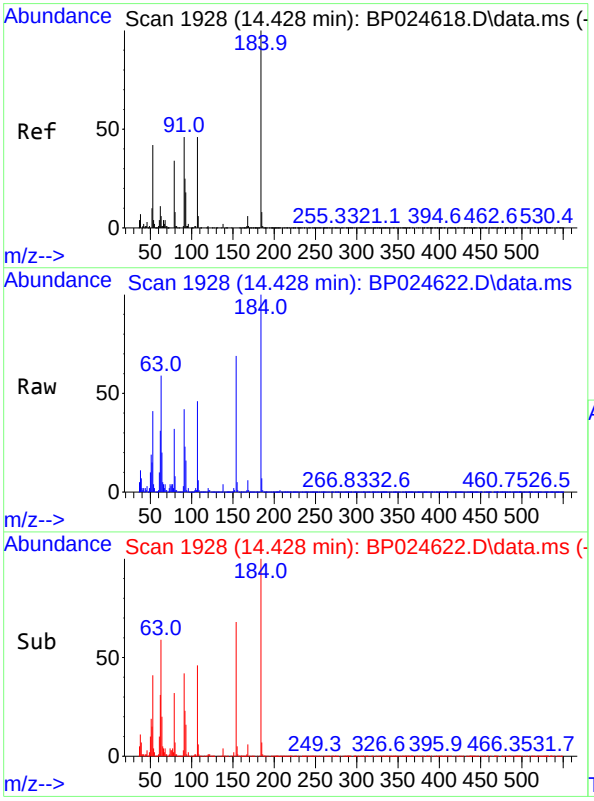
#53
3-Nitroaniline
Concen: 40.87 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

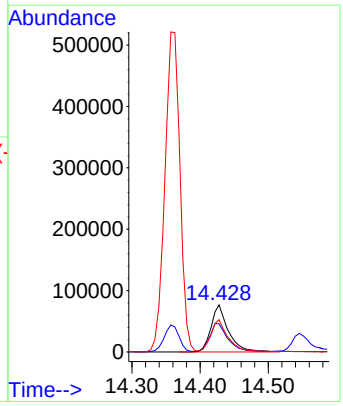


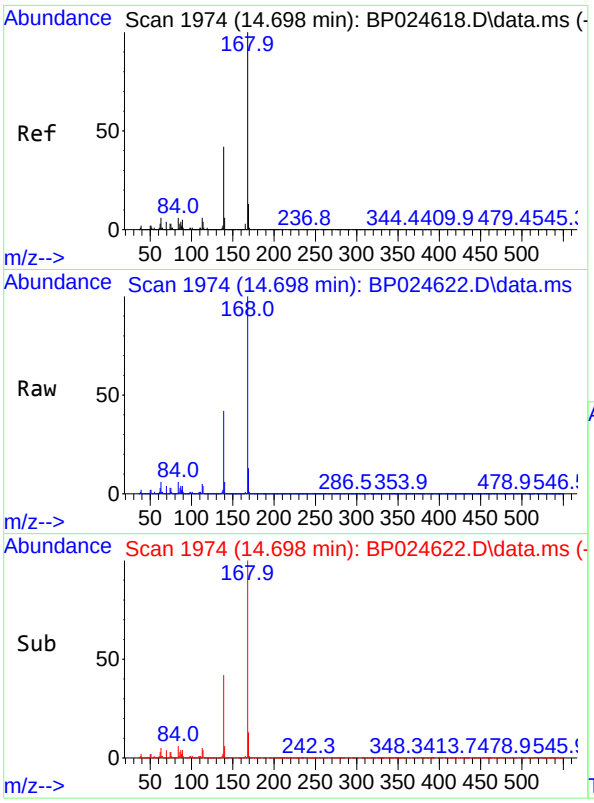


#54
2,4-Dinitrophenol
Concen: 37.83 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



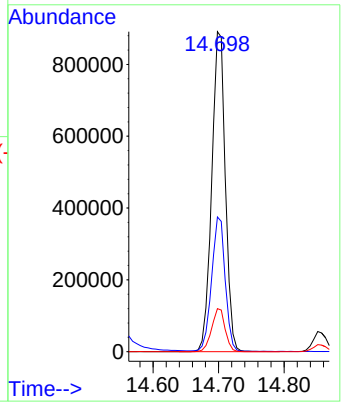


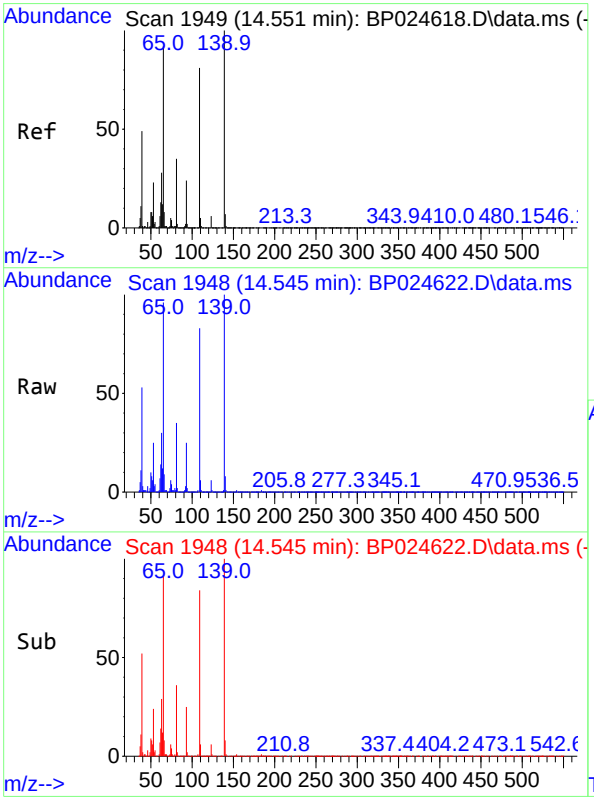
#55
Dibenzofuran
Concen: 37.91 ng
RT: 14.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

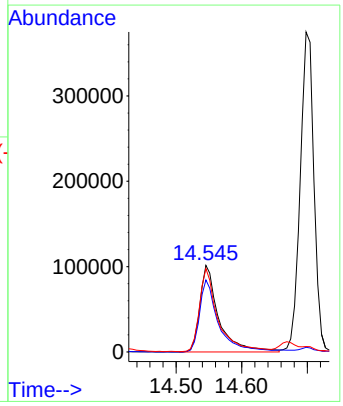


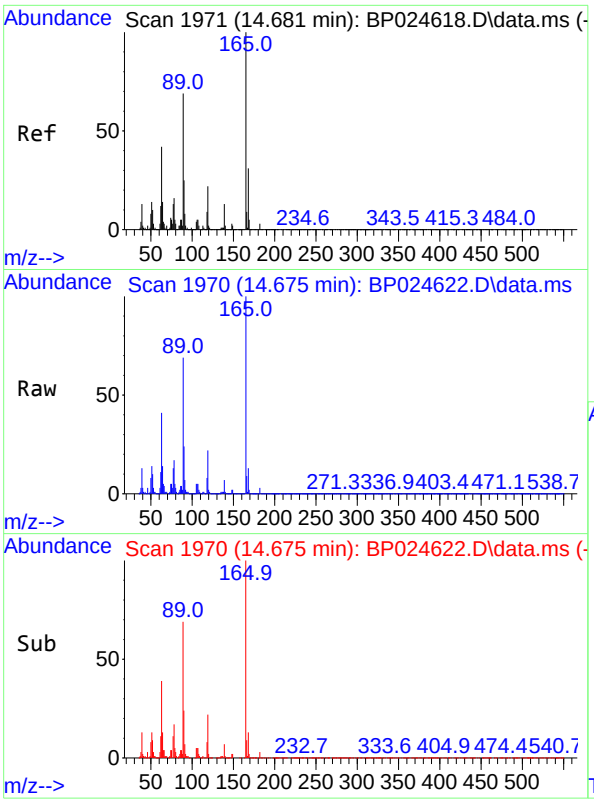


#56
4-Nitrophenol
Concen: 38.70 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



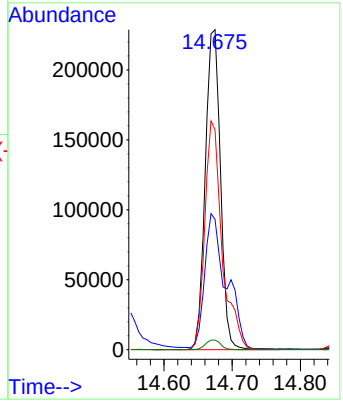


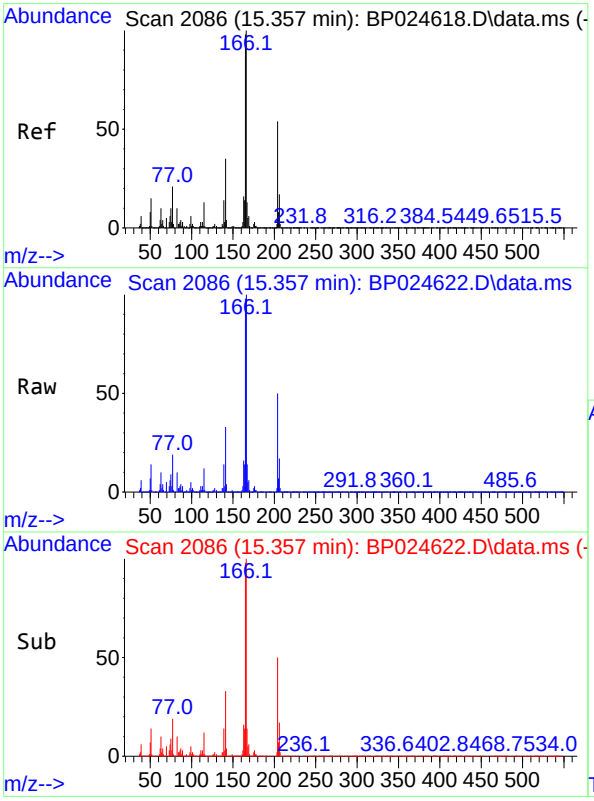
#57
2,4-Dinitrotoluene
Concen: 39.97 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

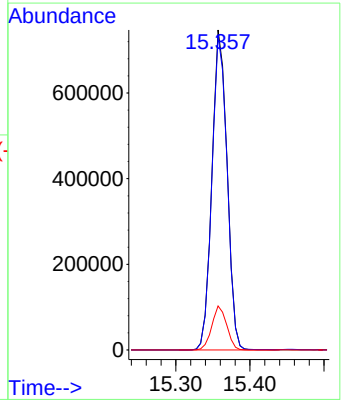


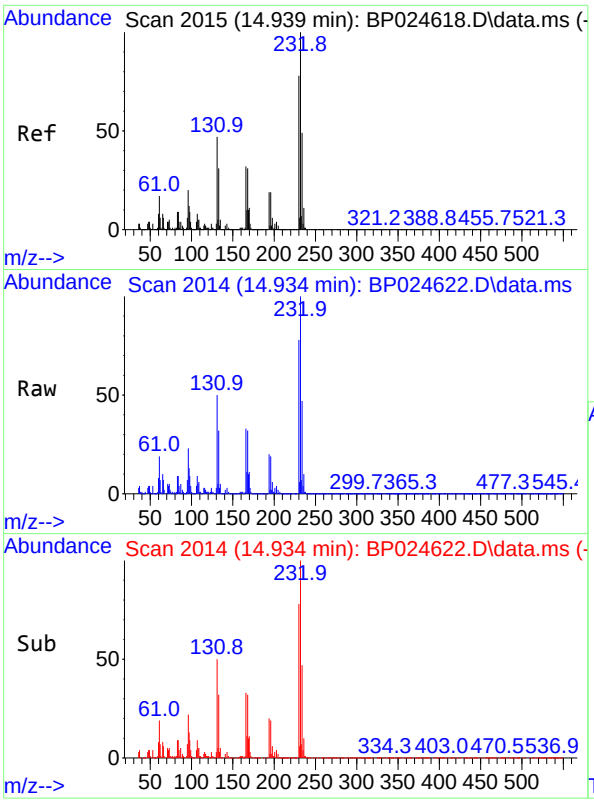


#58
Fluorene
Concen: 38.42 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



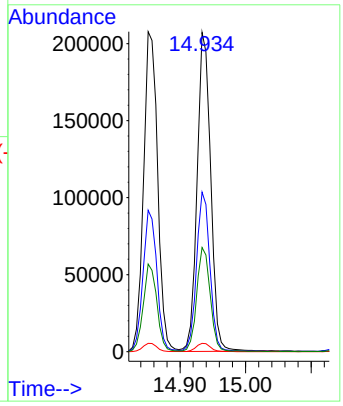


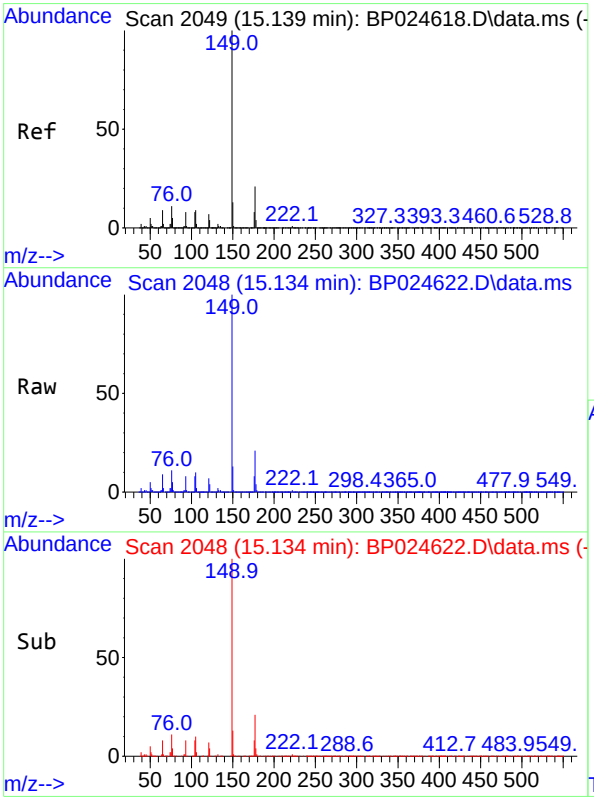
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.27 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

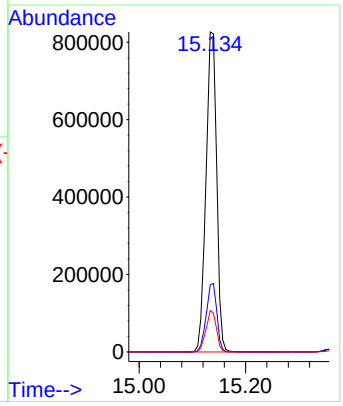


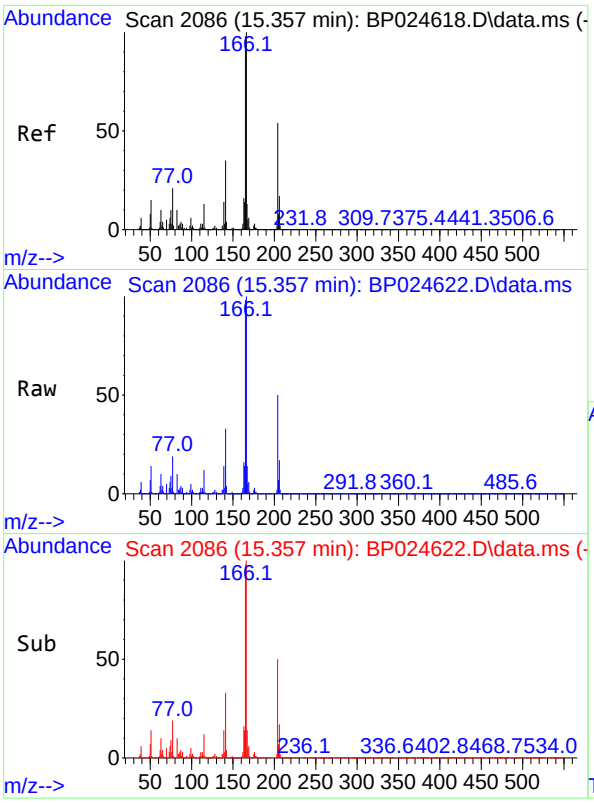


#60
Diethylphthalate
Concen: 38.17 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



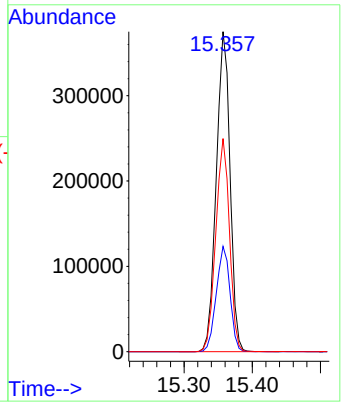


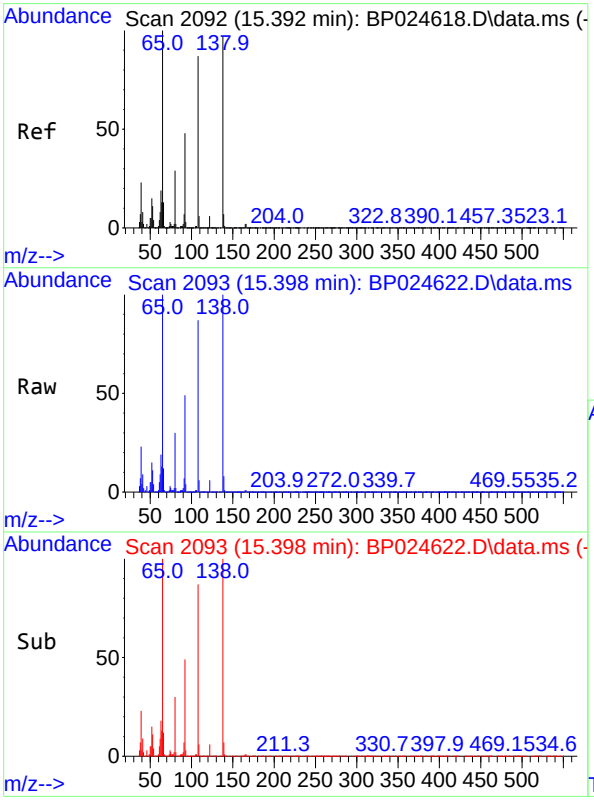
#61
4-Chlorophenyl-phenylether
Concen: 38.25 ng
RT: 15.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

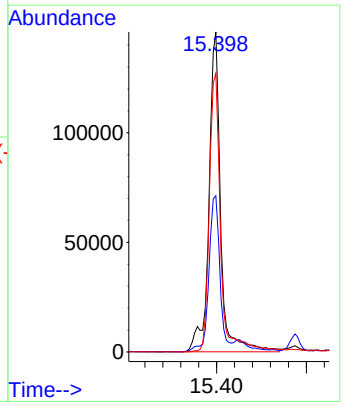


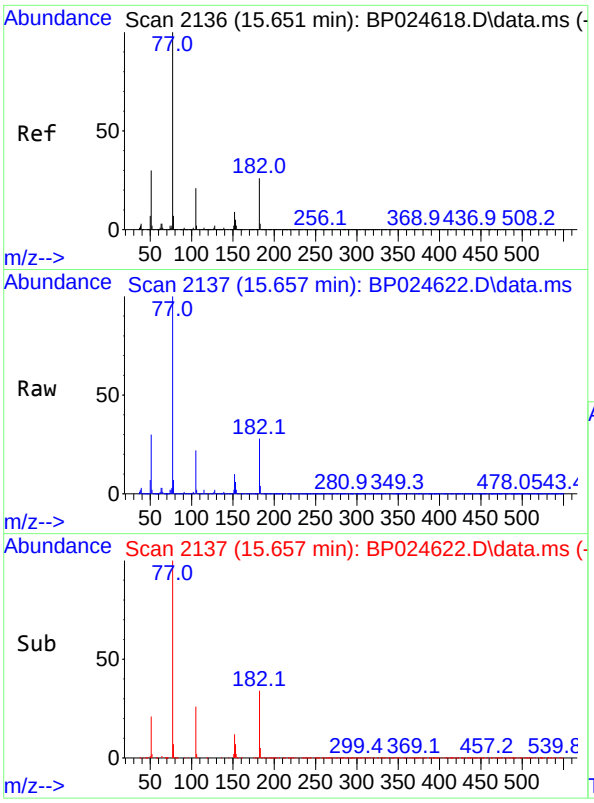


#62
4-Nitroaniline
Concen: 42.72 ng
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



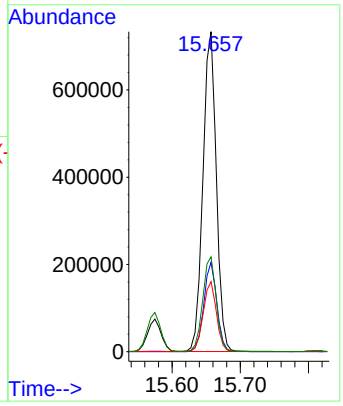


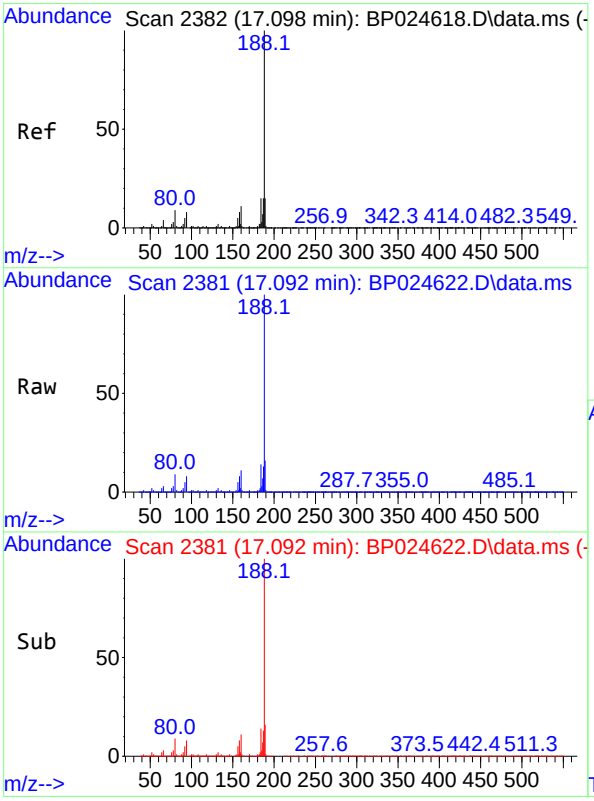
#63
Azobenzene
Concen: 38.82 ng
RT: 15.657 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

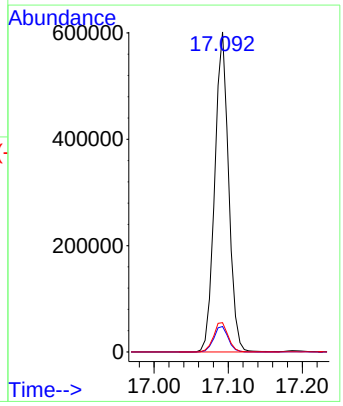


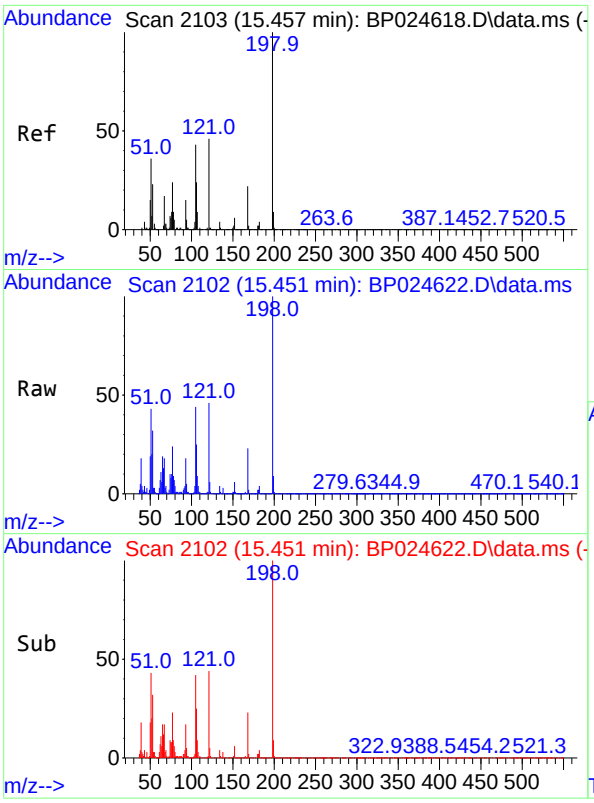


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



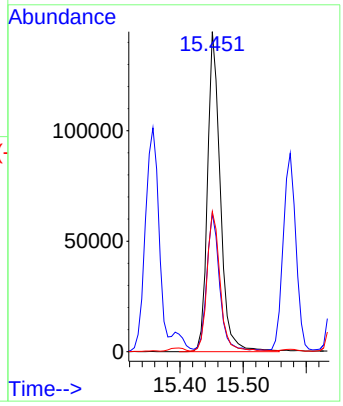


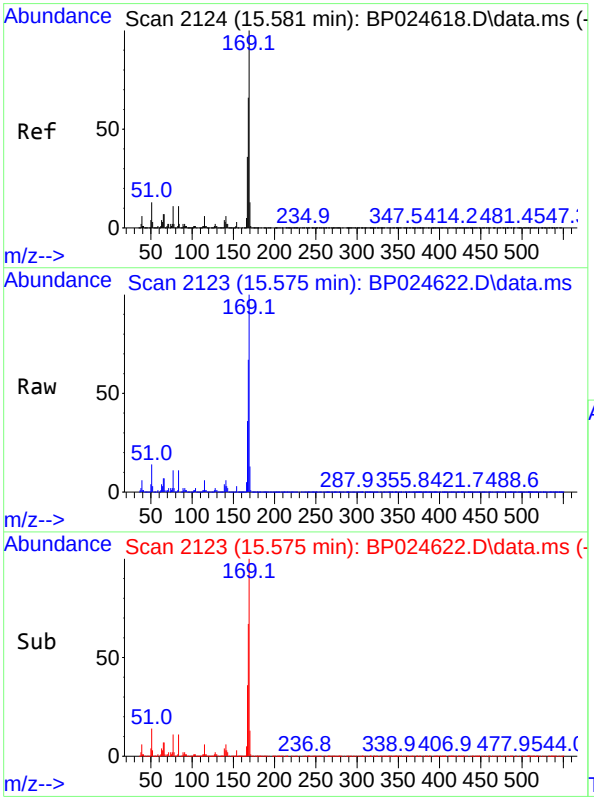
#65
4,6-Dinitro-2-methylphenol
Concen: 40.30 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

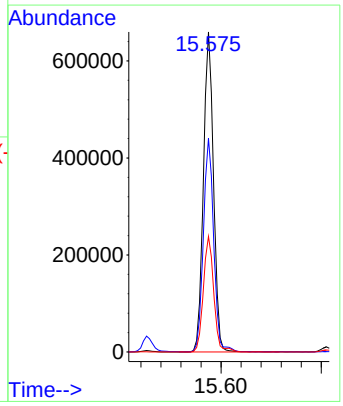


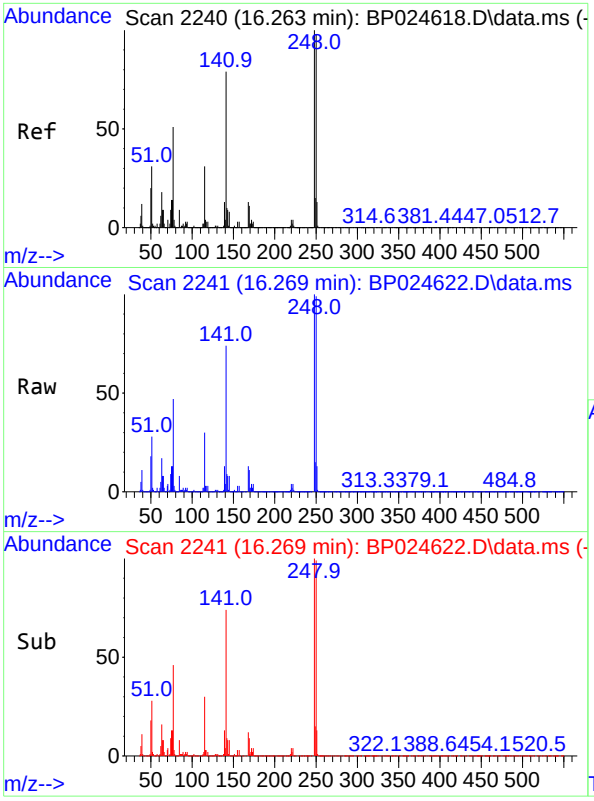


#66
n-Nitrosodiphenylamine
Concen: 38.38 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



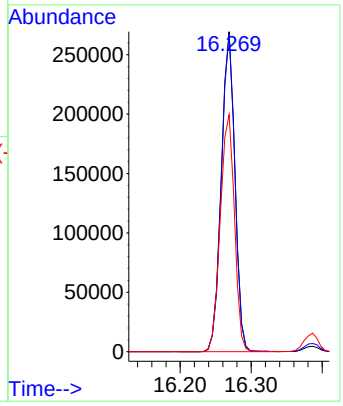


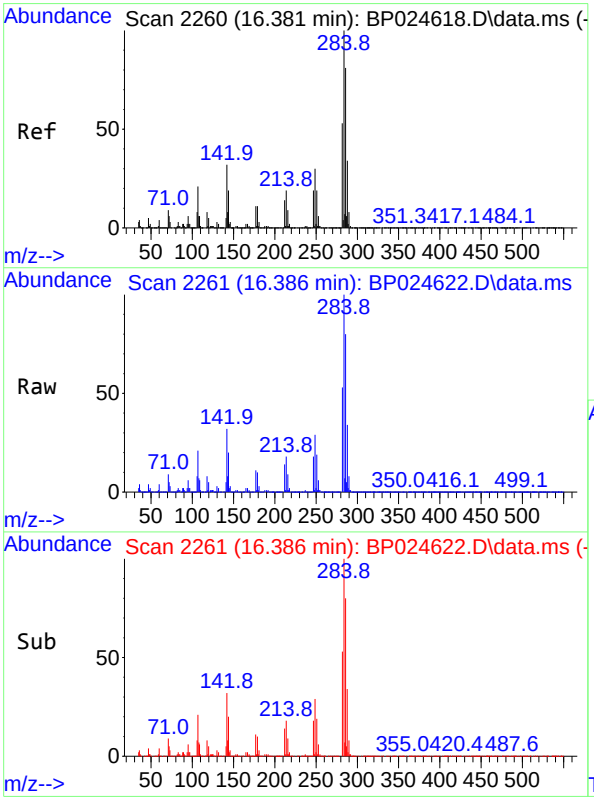
#67
4-Bromophenyl-phenylether
Concen: 38.91 ng
RT: 16.269 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

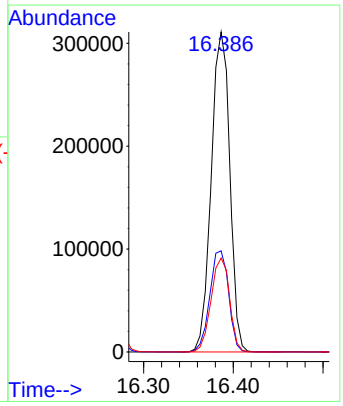


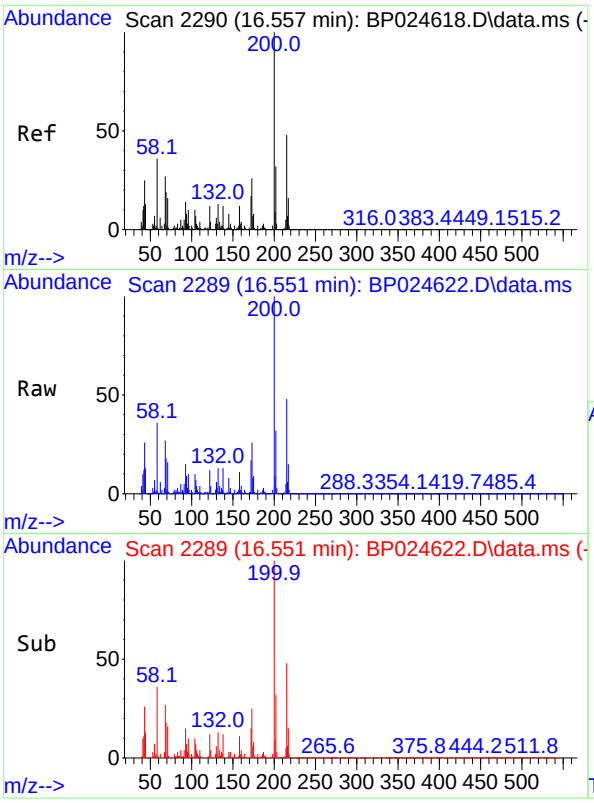


#68
Hexachlorobenzene
Concen: 38.18 ng
RT: 16.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



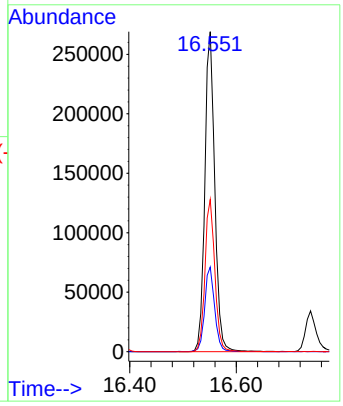


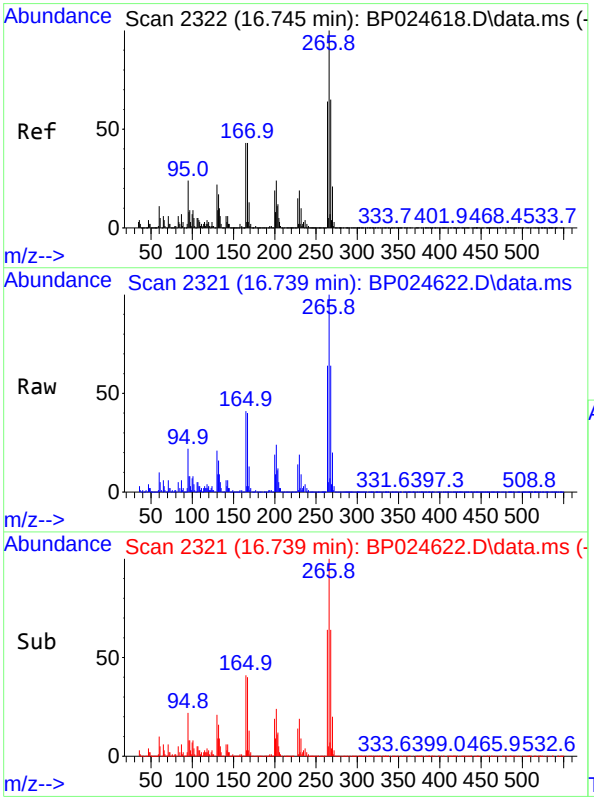
#69
Atrazine
Concen: 39.57 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

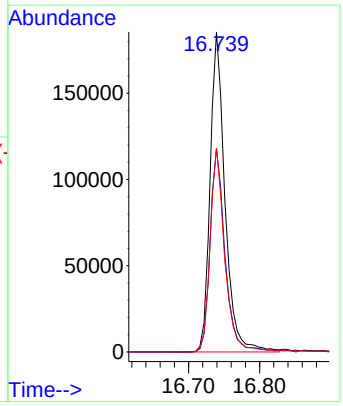


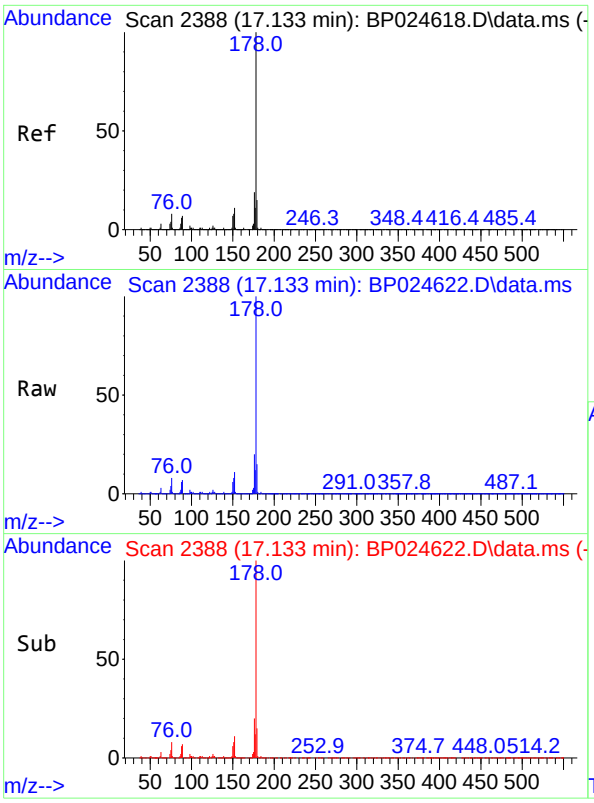


#70
Pentachlorophenol
Concen: 41.12 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



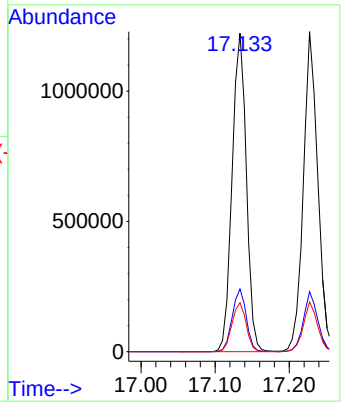


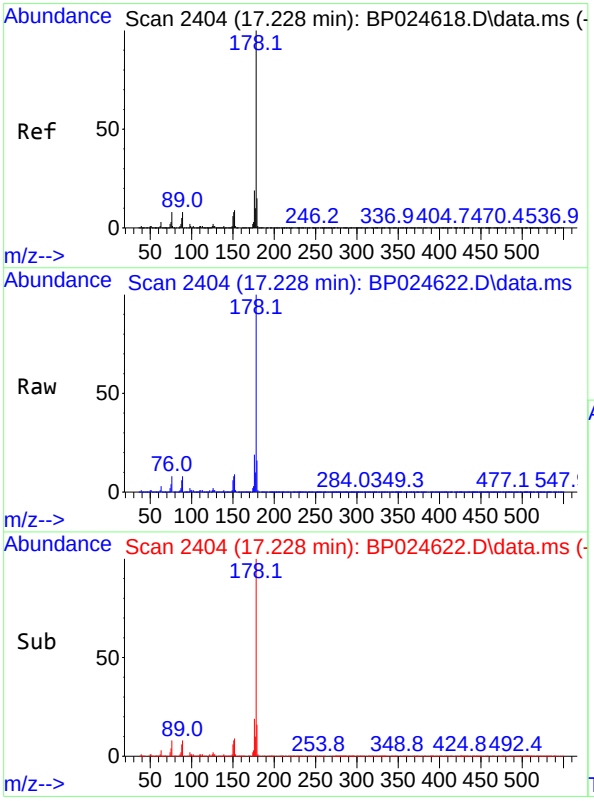
#71
Phenanthrene
Concen: 37.55 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

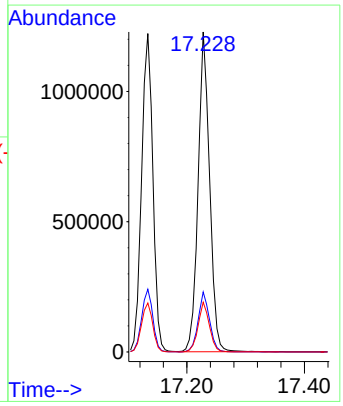


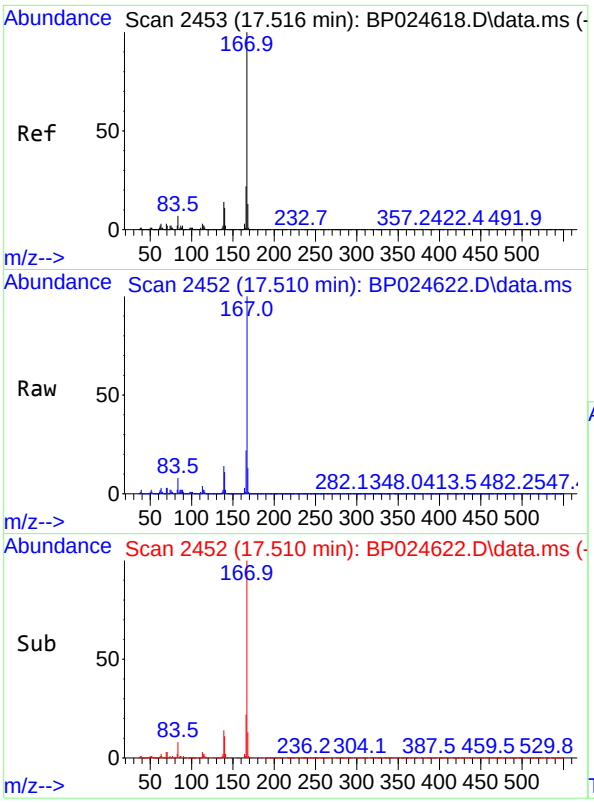


#72
Anthracene
Concen: 38.24 ng
RT: 17.228 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



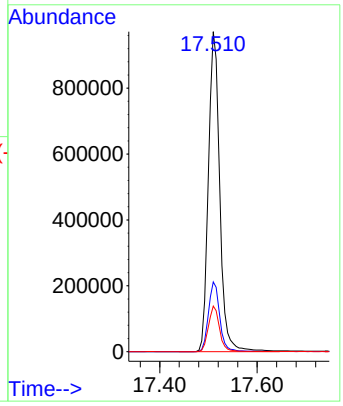


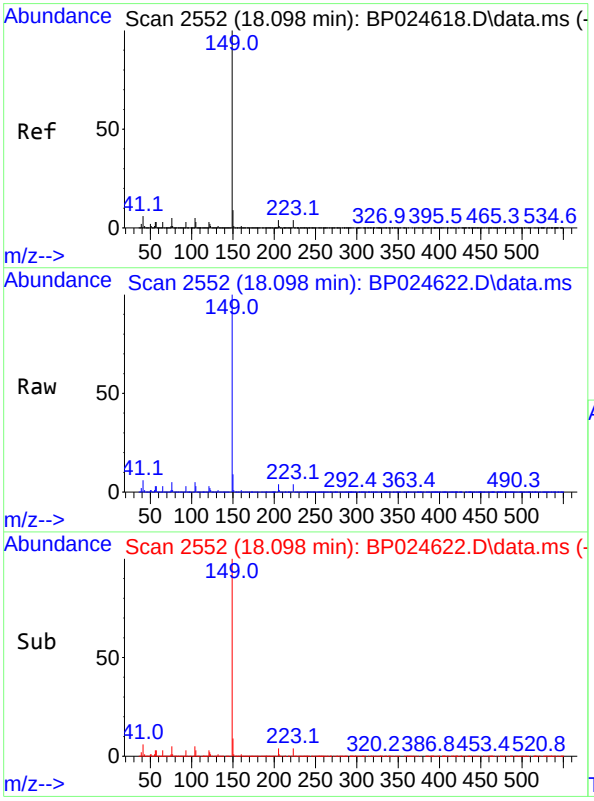
#73
Carbazole
Concen: 39.57 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

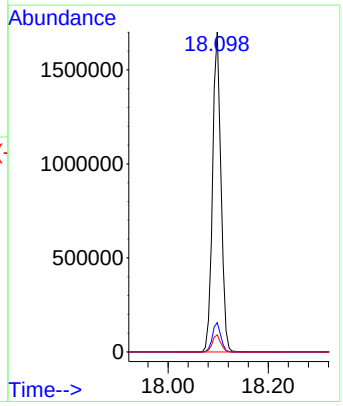


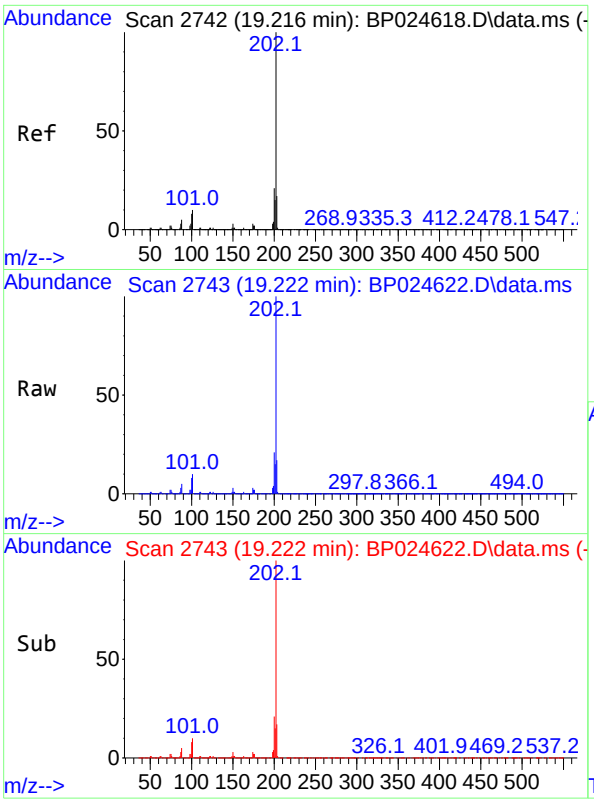


#74
Di-n-butylphthalate
Concen: 38.94 ng
RT: 18.098 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



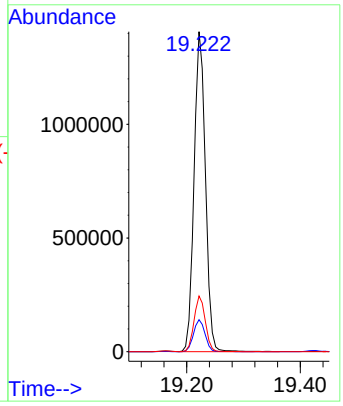


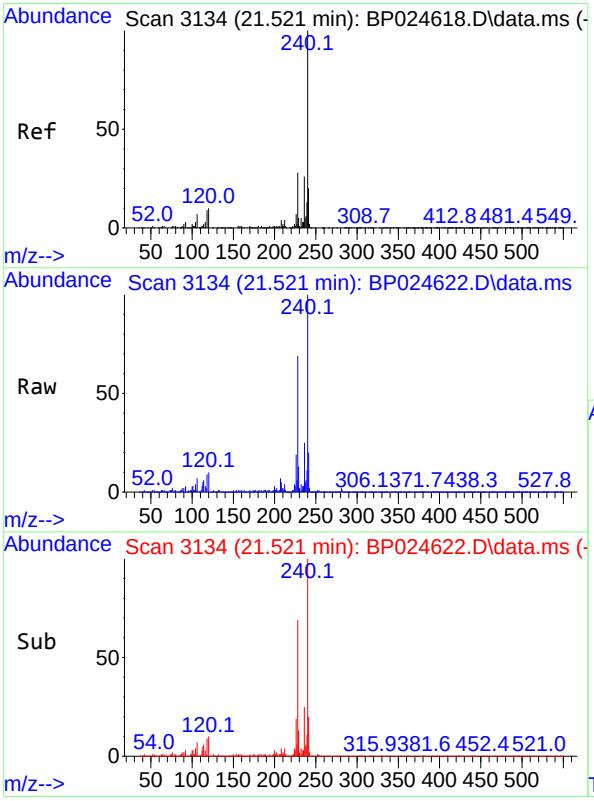
#75
Fluoranthene
Concen: 38.57 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

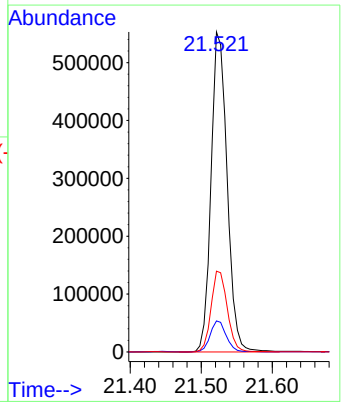


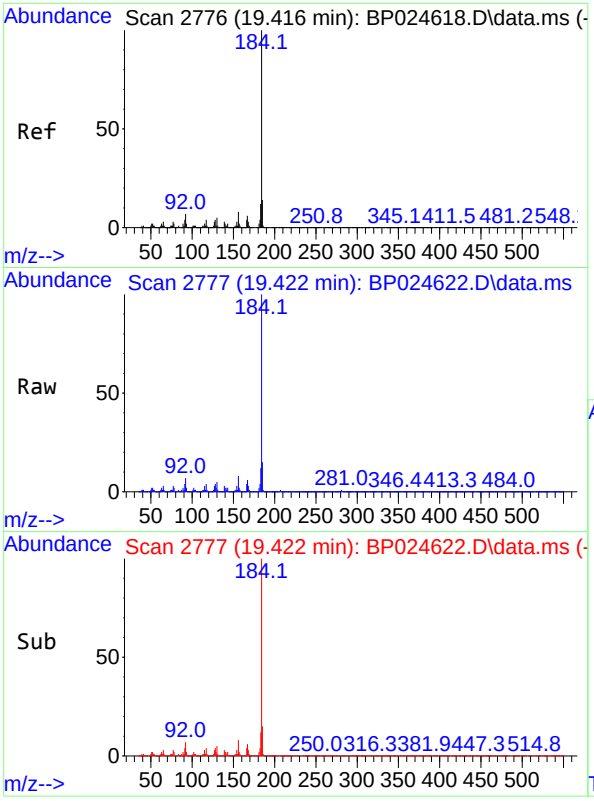


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



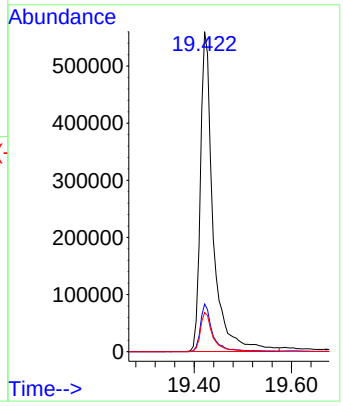


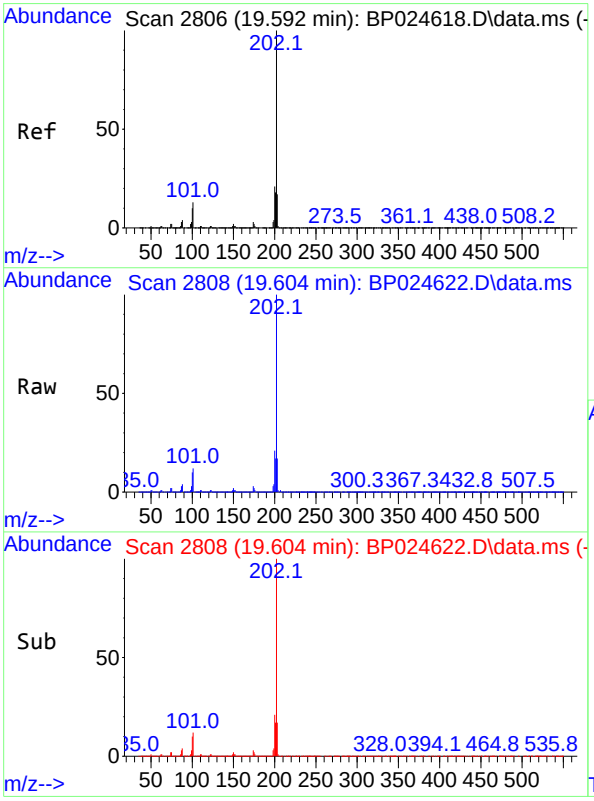
#77
Benzidine
Concen: 43.25 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

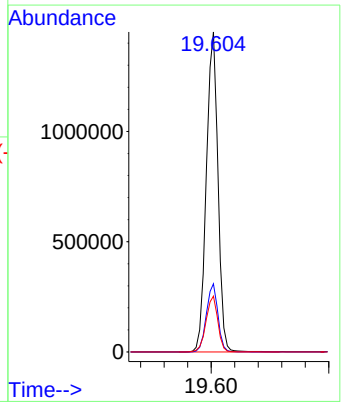


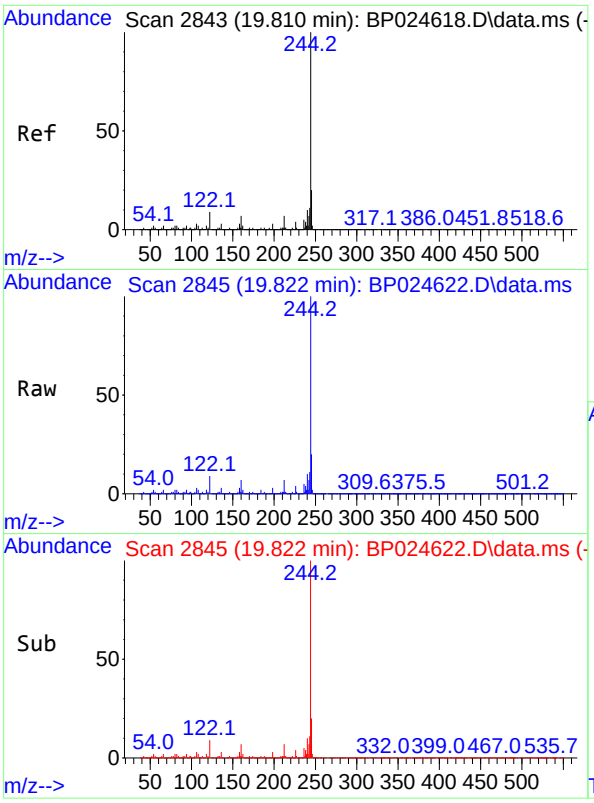


#78
Pyrene
Concen: 38.28 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



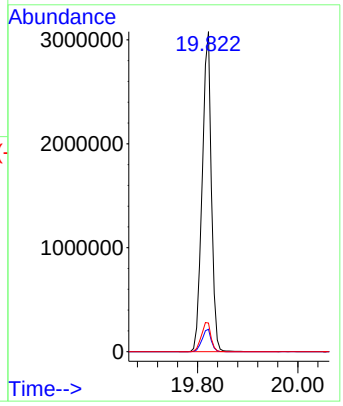


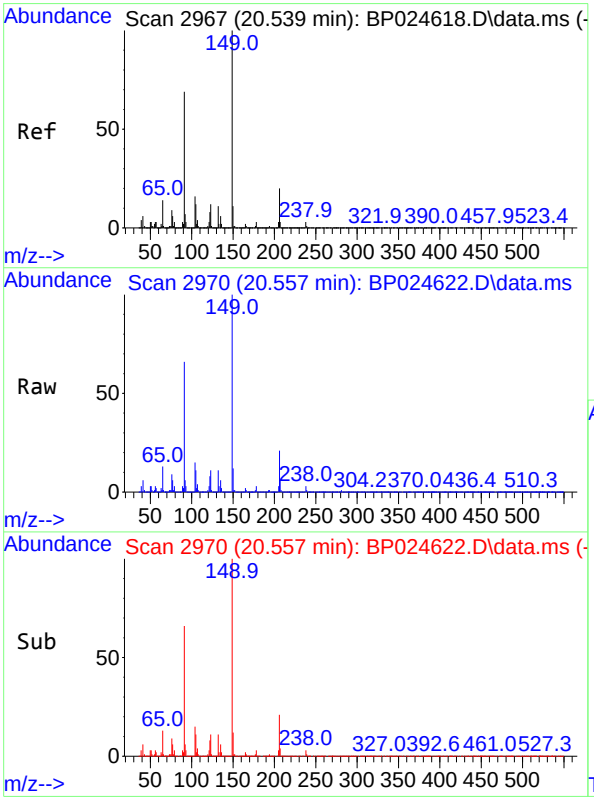
#79
Terphenyl-d14
Concen: 76.75 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

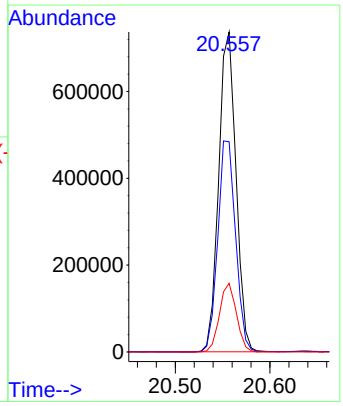


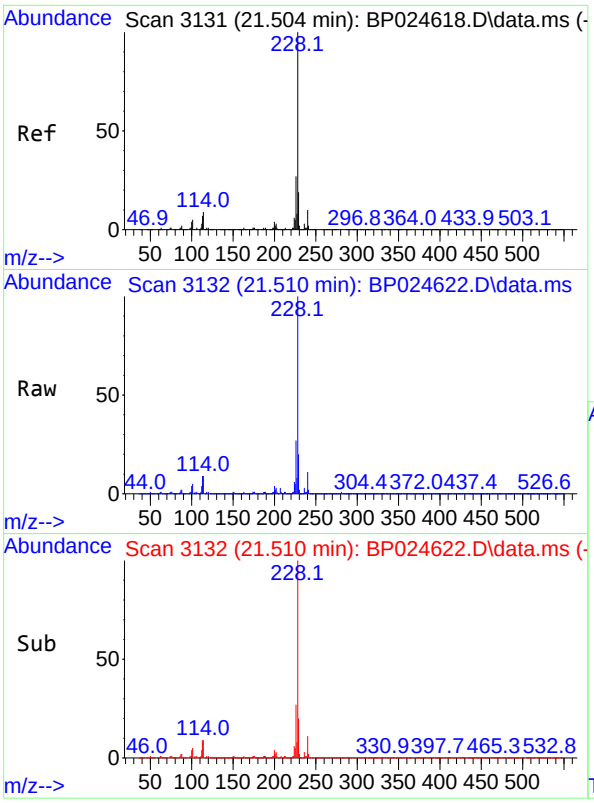


#80
Butylbenzylphthalate
Concen: 40.52 ng
RT: 20.557 min Scan# 2970
Delta R.T. 0.018 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



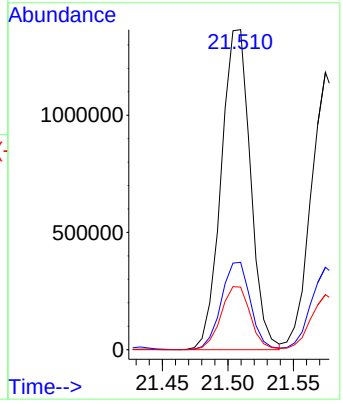


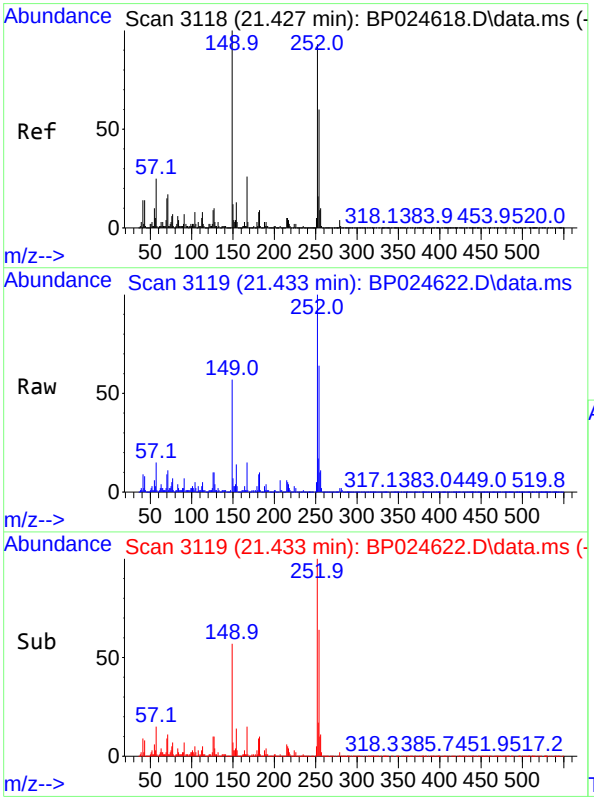
#81
Benzo(a)anthracene
Concen: 38.89 ng
RT: 21.510 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

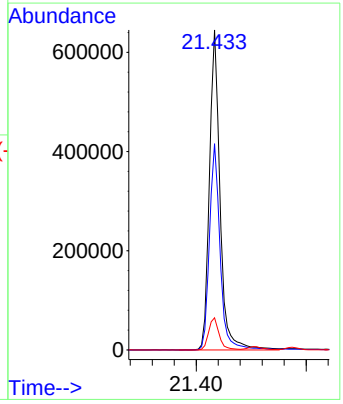


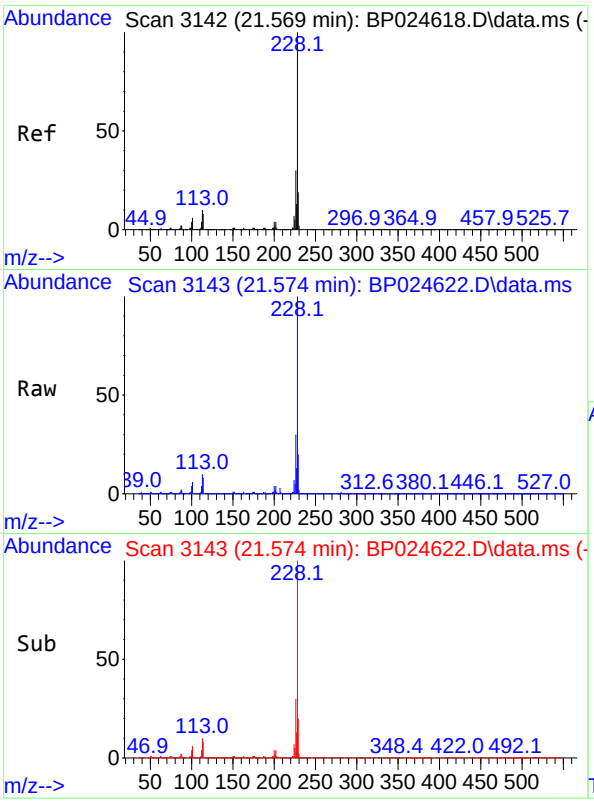


#82
3,3'-Dichlorobenzidine
Concen: 42.51 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



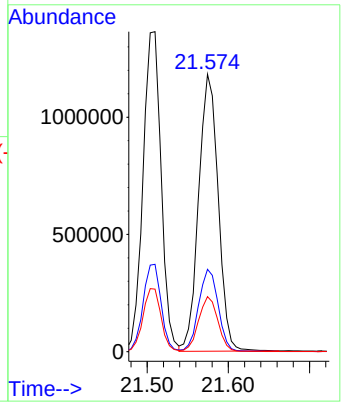


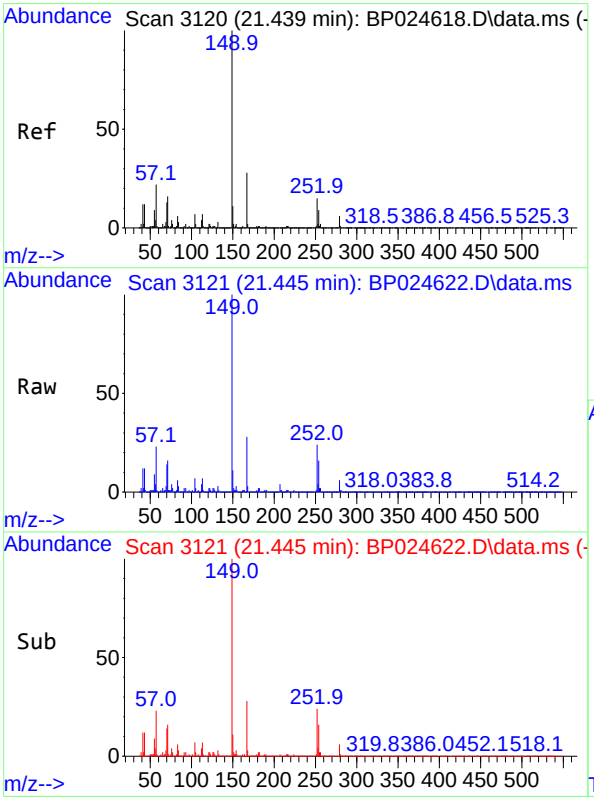
#83
Chrysene
Concen: 38.23 ng
RT: 21.574 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

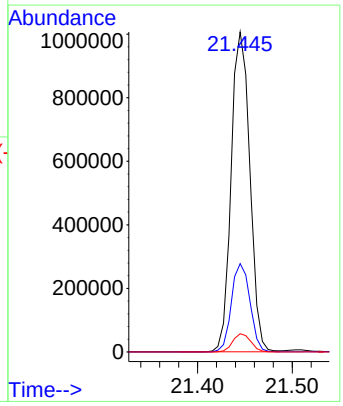


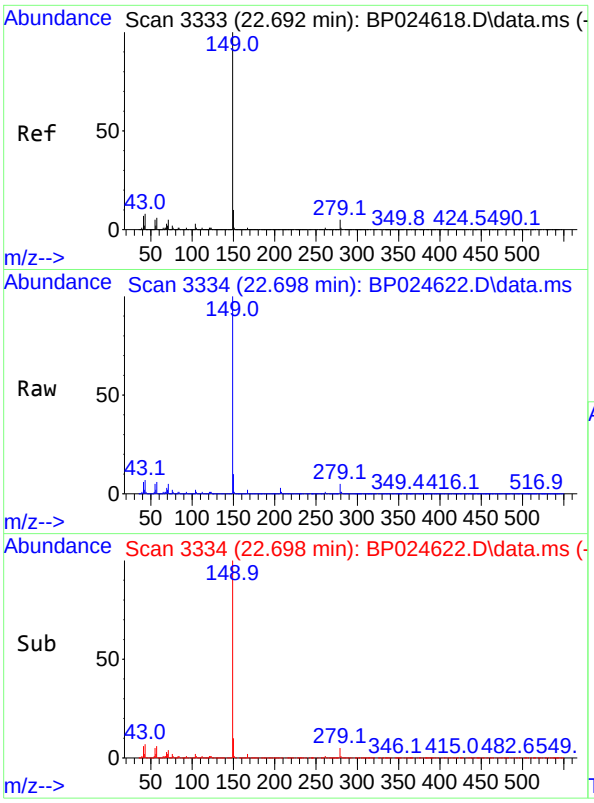


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.43 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



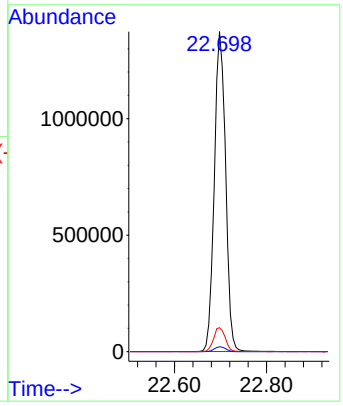


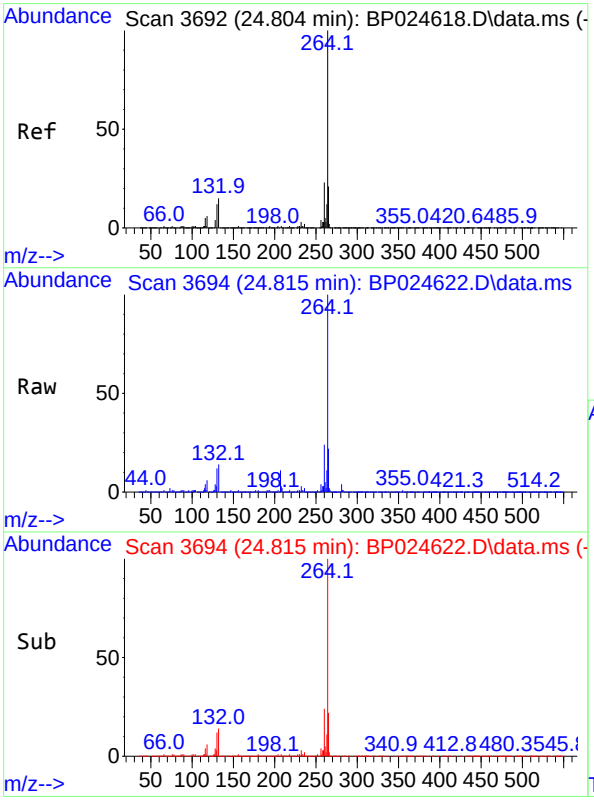
#85
Di-n-octyl phthalate
Concen: 41.72 ng
RT: 22.698 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

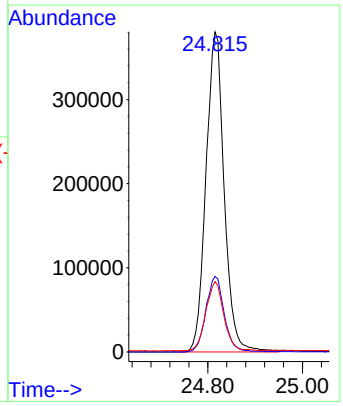


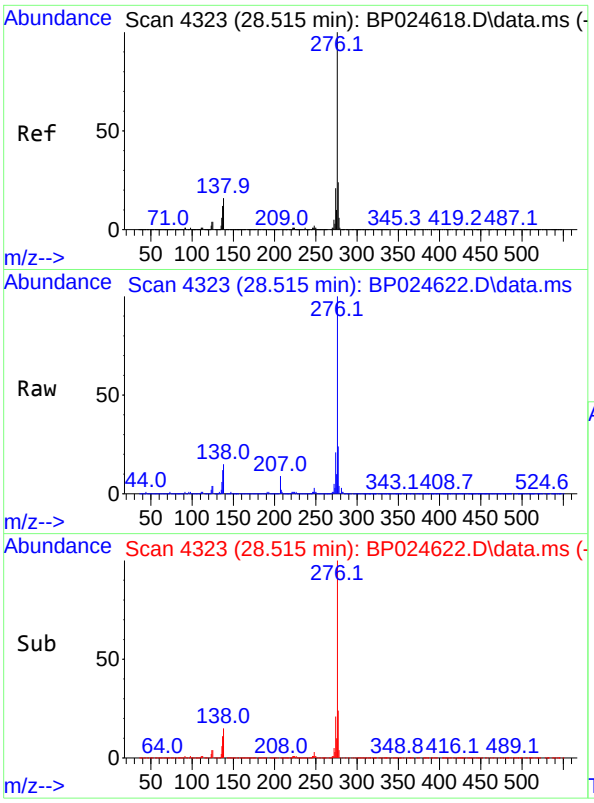


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.815 min Scan# 3694
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



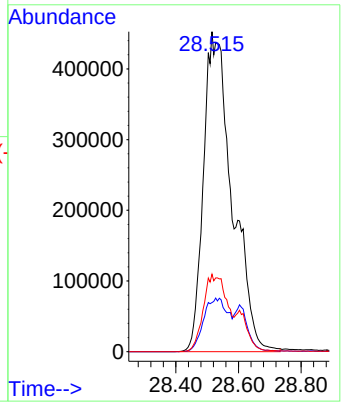


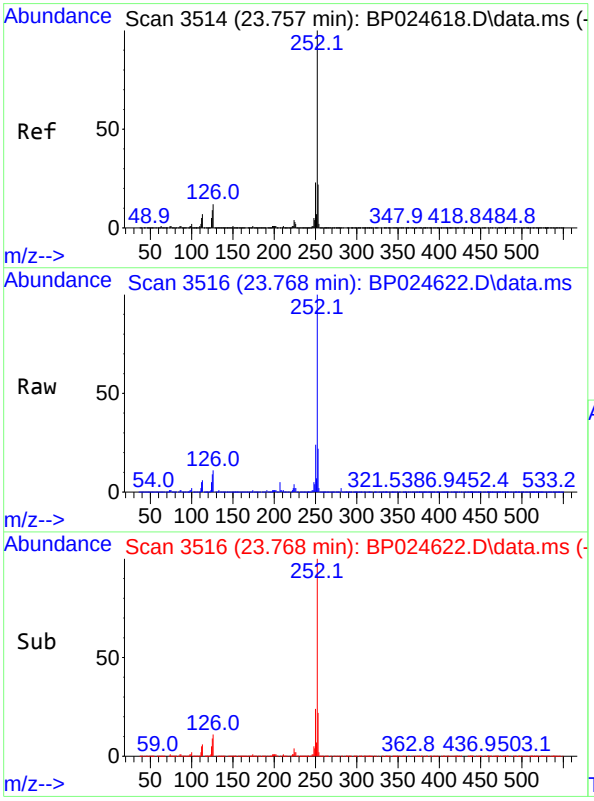
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.85 ng m
RT: 28.515 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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#

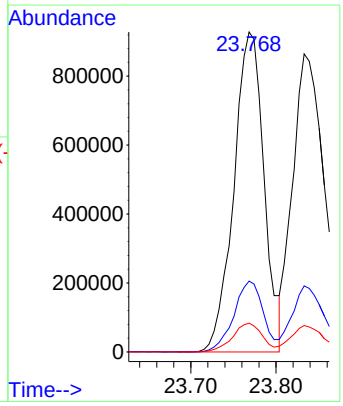


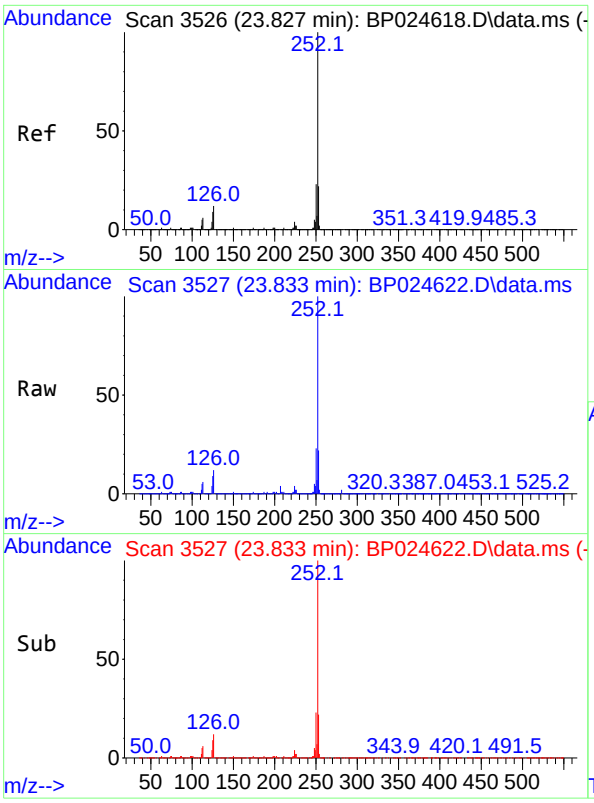


#88
Benzo(b)fluoranthene
Concen: 39.29 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



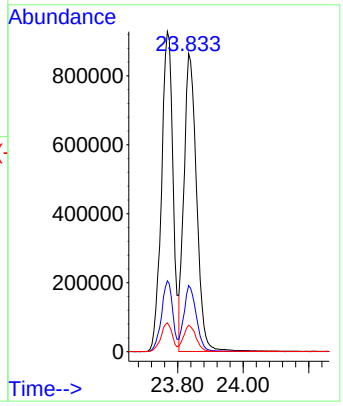


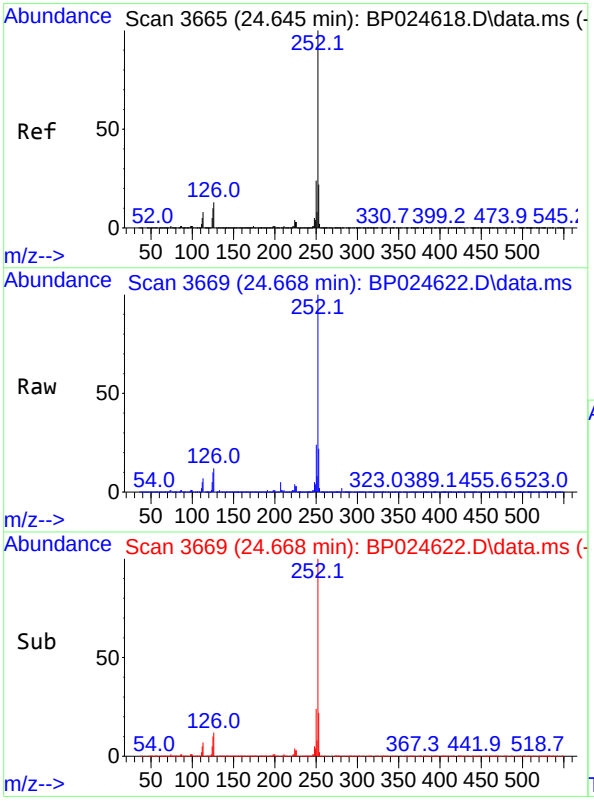
#89
Benzo(k)fluoranthene
Concen: 38.22 ng
RT: 23.833 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

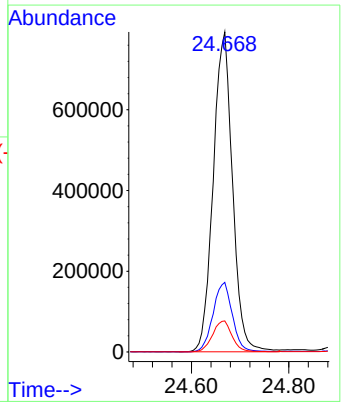


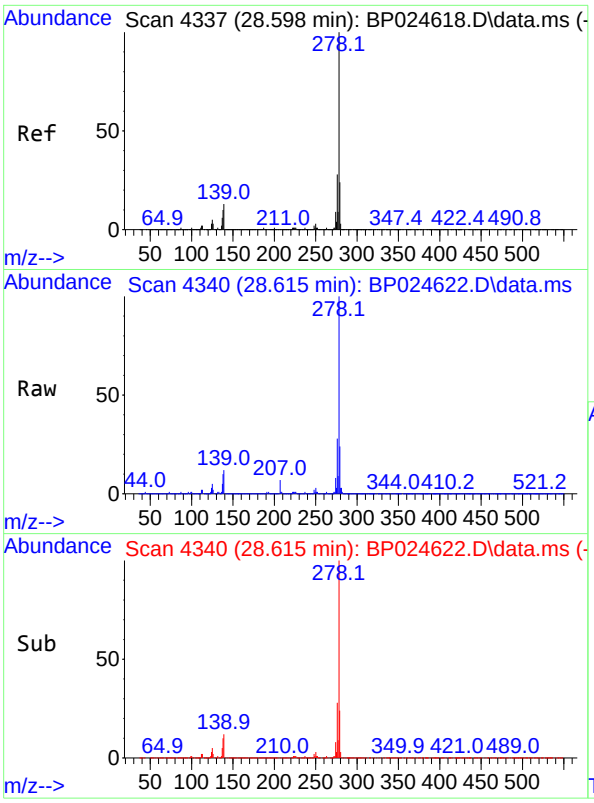


#90
Benzo(a)pyrene
Concen: 39.00 ng
RT: 24.668 min Scan# 3669
Delta R.T. 0.023 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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



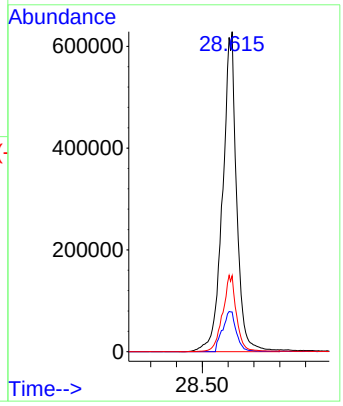


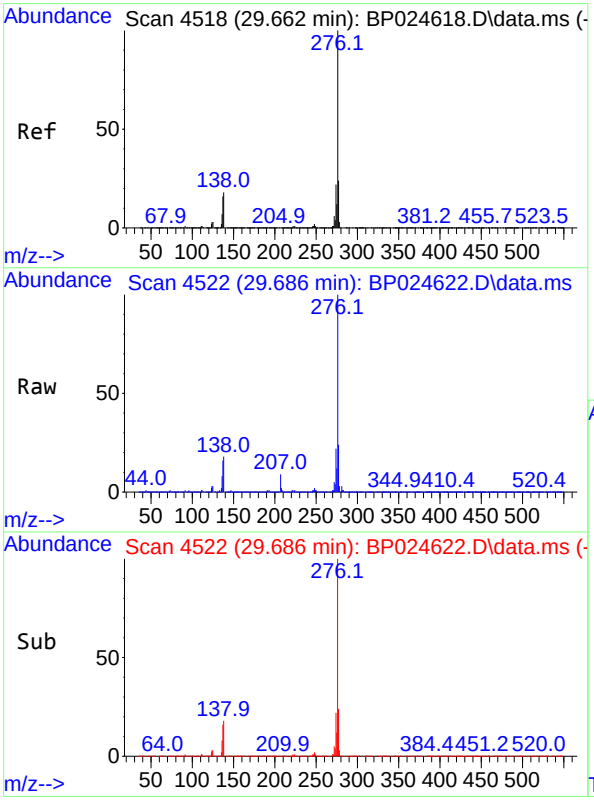
#91
Dibenzo(a,h)anthracene
Concen: 39.38 ng
RT: 28.615 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

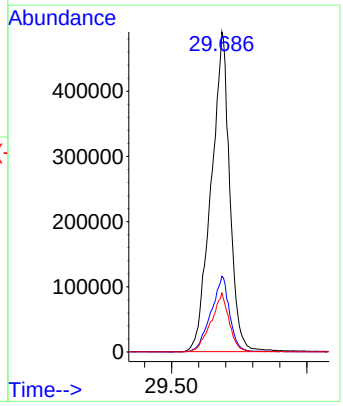




#92
Benzo(g,h,i)perylene
Concen: 38.91 ng
RT: 29.686 min Scan# 4522
Delta R.T. 0.023 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

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: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG No.: Q2001

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
Pyridine	1.239	1.348		8.8	
2-Fluorophenol	1.172	1.192		1.7	
Phenol-d6	1.441	1.456		1.0	
1,4-Dichlorobenzene	1.438	1.412		-1.8	20.0
2-Methylphenol	1.014	1.011		-0.3	
3+4-Methylphenols	1.265	1.279		1.1	
Nitrobenzene-d5	0.328	0.358		9.1	
Hexachloroethane	0.478	0.481		0.6	
Nitrobenzene	0.309	0.334		8.1	
Hexachlorobutadiene	0.177	0.173		-2.3	20.0
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	
2,4-Dinitrotoluene	0.308	0.369		19.8	
2,4,6-Tribromophenol	0.193	0.212		9.8	
Hexachlorobenzene	0.249	0.244		-2.0	
Pentachlorophenol	0.131	0.153		16.8	20.0
Terphenyl-d14	1.351	1.365		1.0	

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

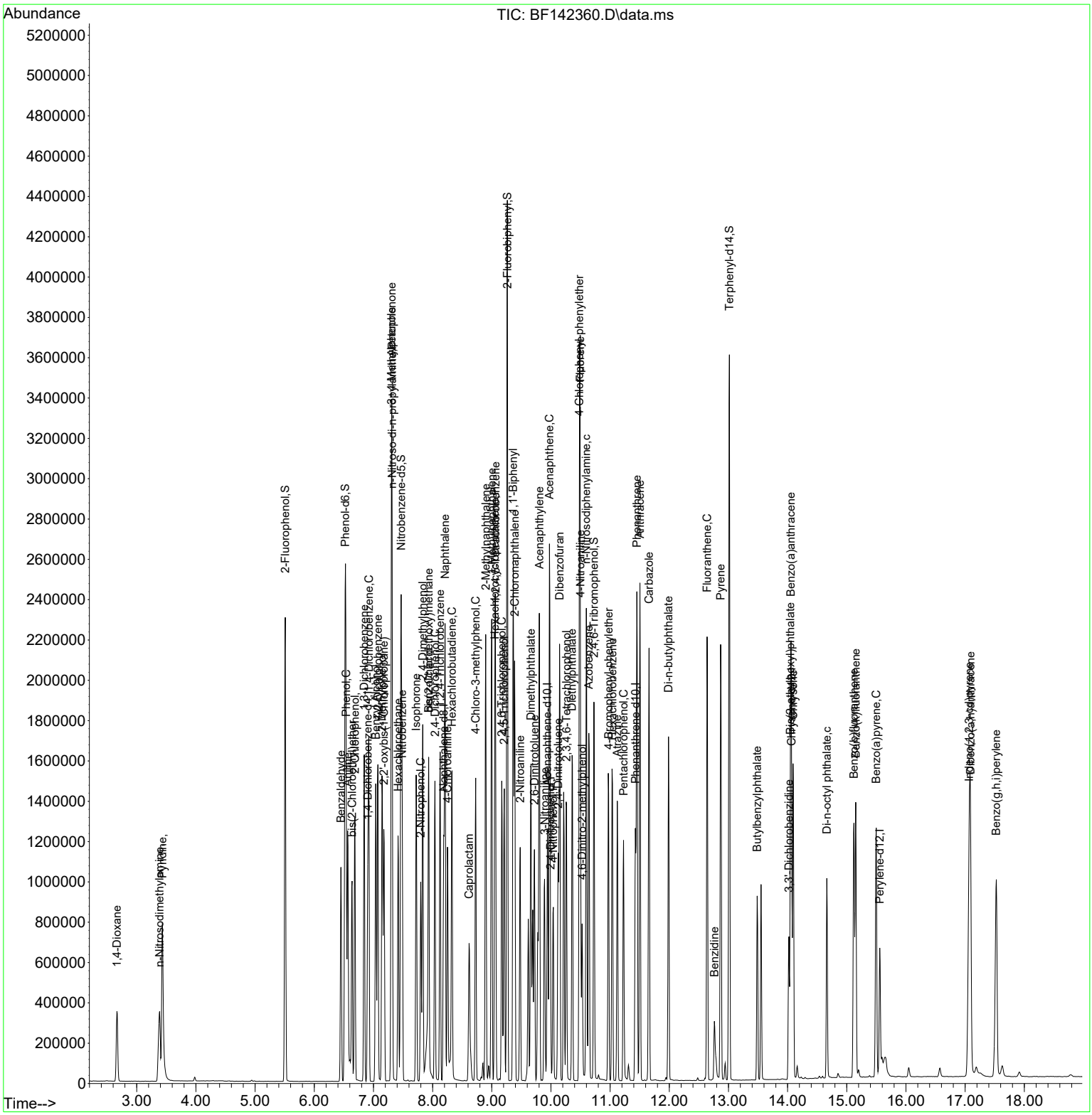
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	293179	41.477	ng		99
46) 1,1'-Biphenyl	9.363	154	1110207	38.397	ng		99
47) 2-Chloronaphthalene	9.386	162	829236	38.565	ng		99
48) 2-Nitroaniline	9.481	65	258025	46.815	ng		94
49) Acenaphthylene	9.804	152	1402068	38.978	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

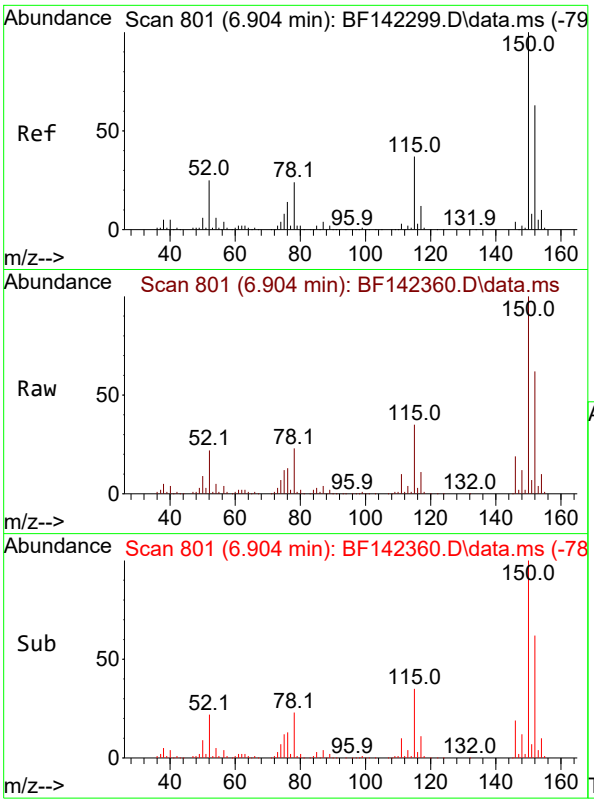
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



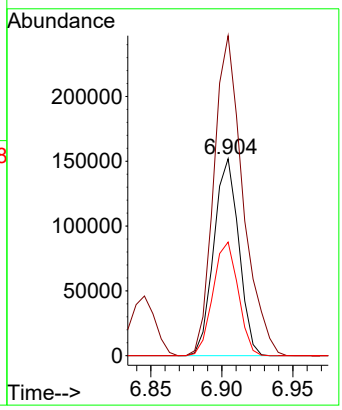


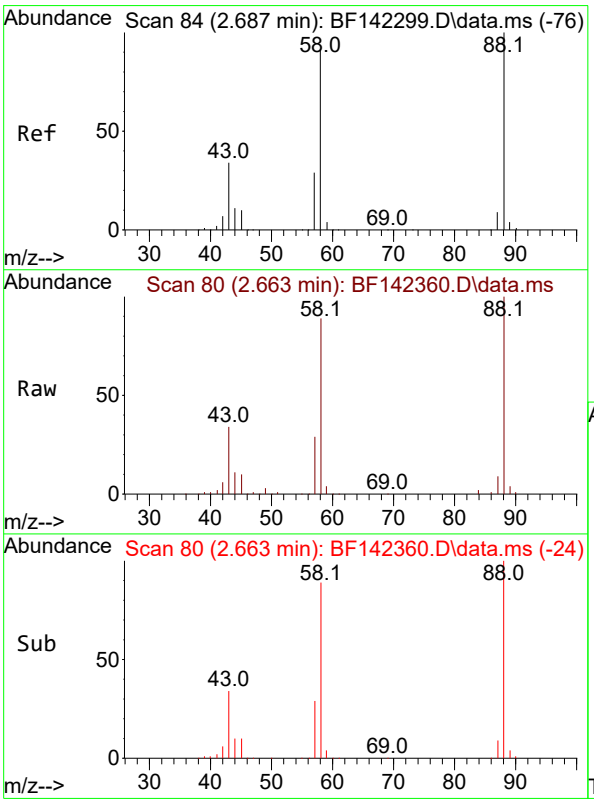
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

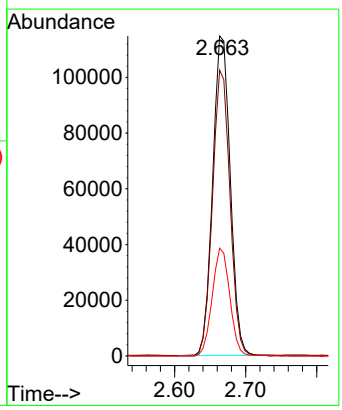


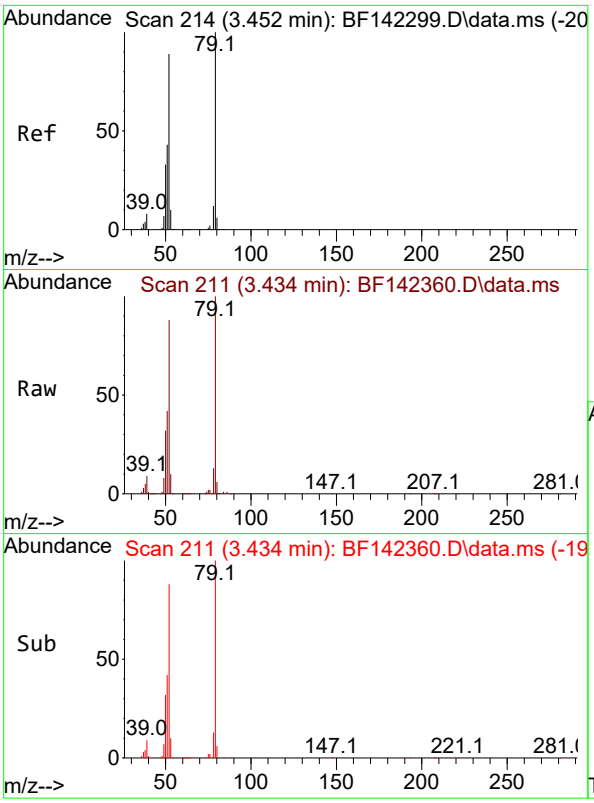


#2
1,4-Dioxane
Concen: 40.104 ng
RT: 2.663 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



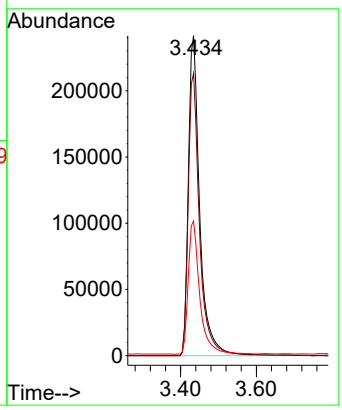


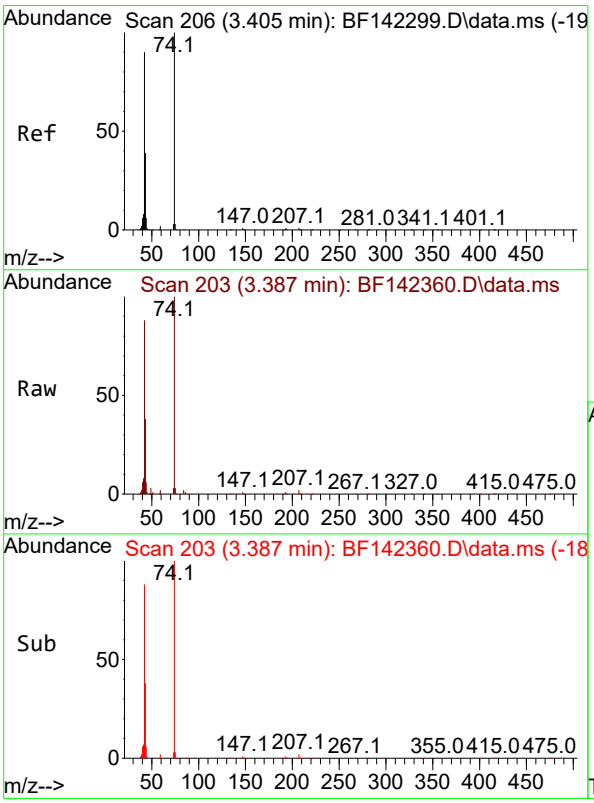
#3
Pyridine
Concen: 43.530 ng
RT: 3.434 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

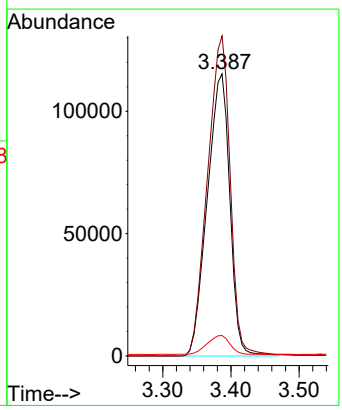


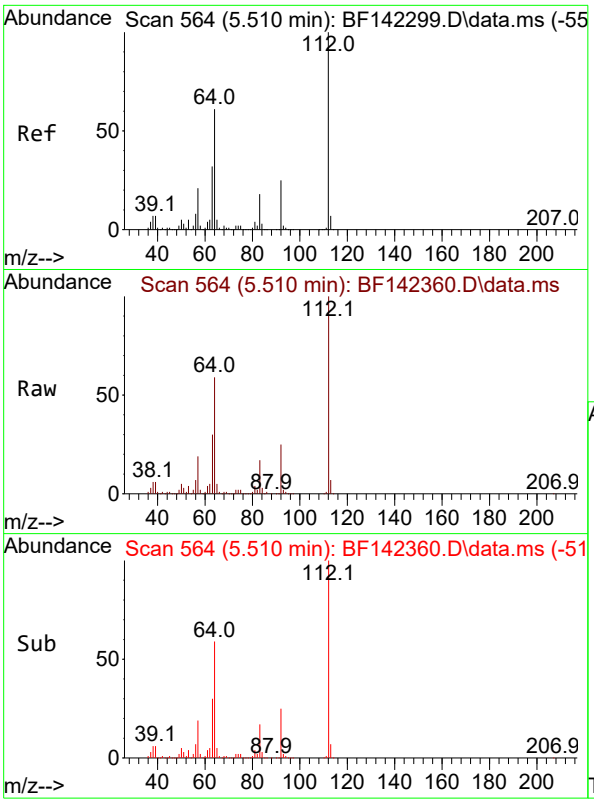


#4
n-Nitrosodimethylamine
Concen: 39.609 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



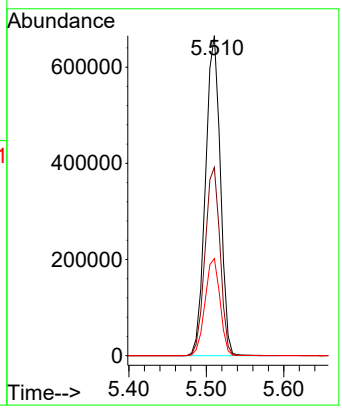


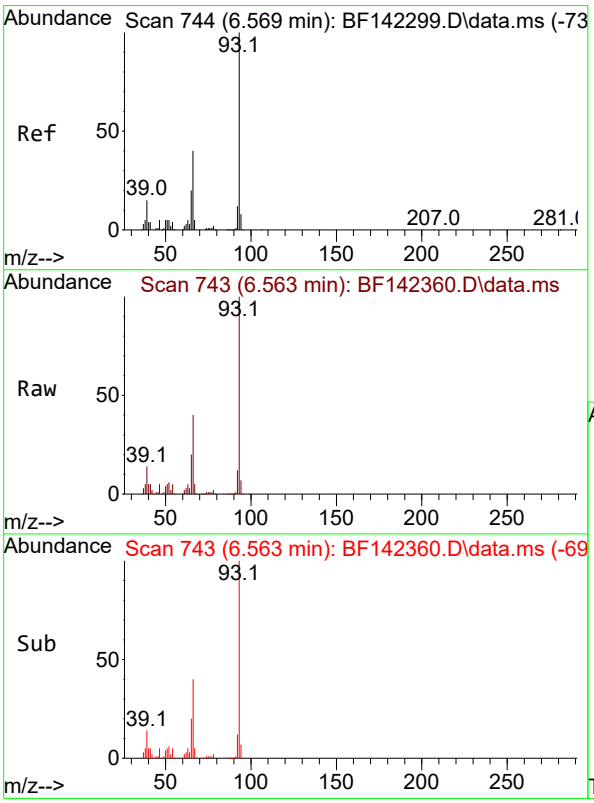
#5
2-Fluorophenol
Concen: 81.404 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

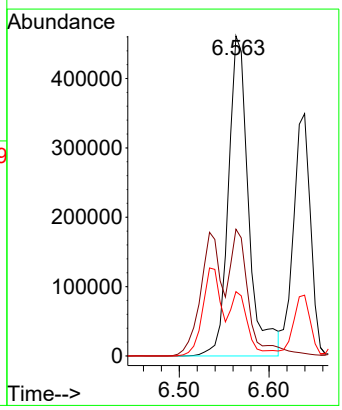


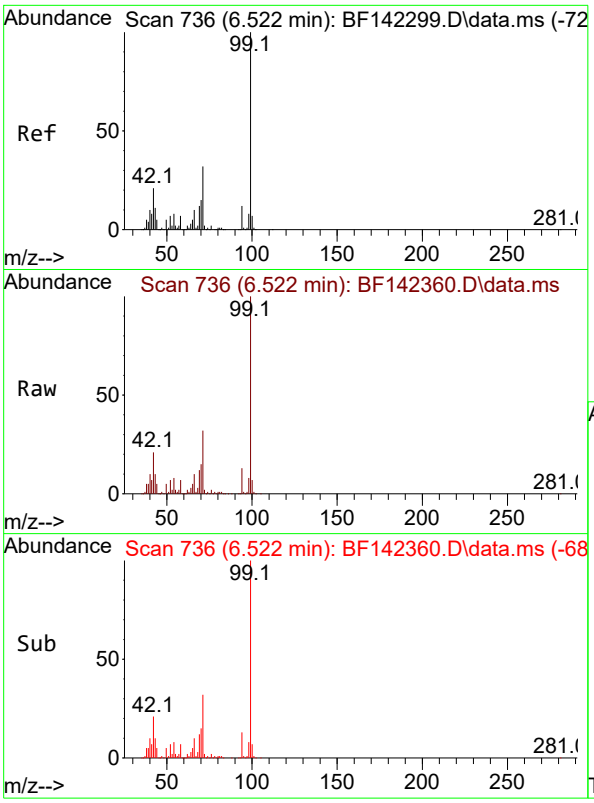


#6
Aniline
Concen: 54.814 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



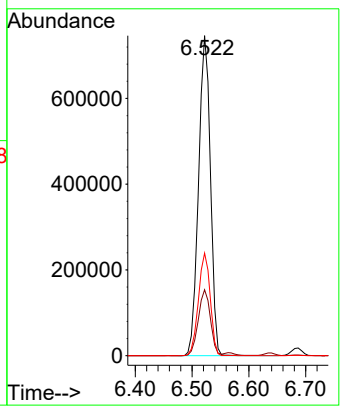


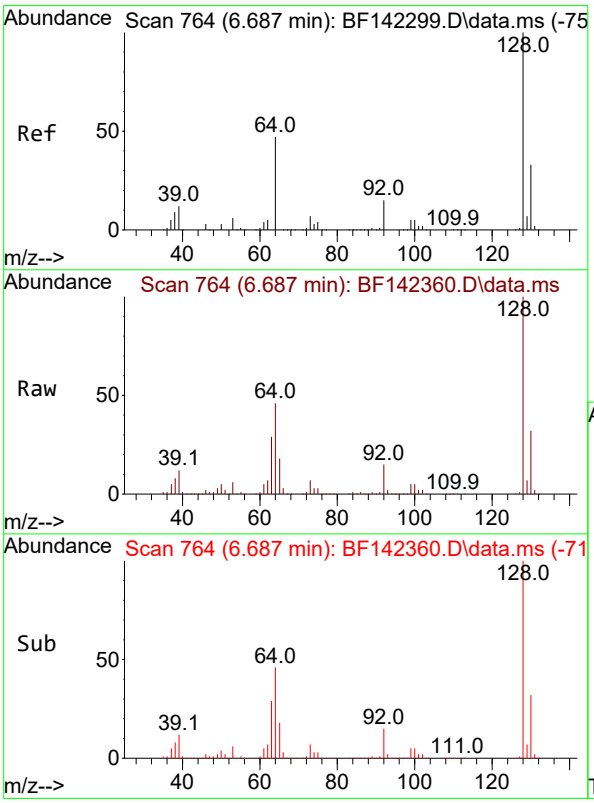
#7
Phenol-d6
Concen: 80.848 ng
RT: 6.522 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

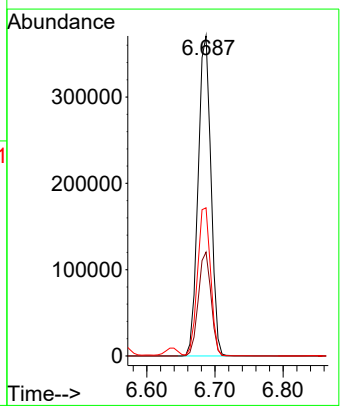


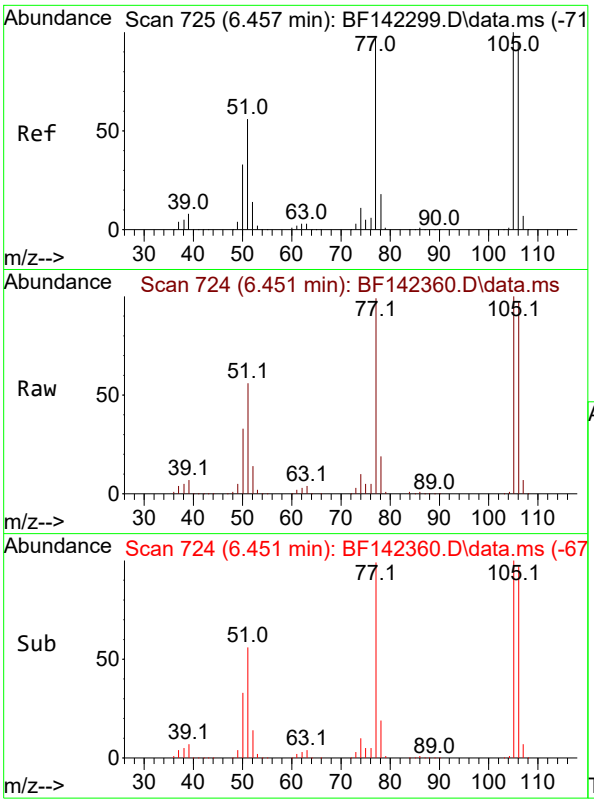


#8
2-Chlorophenol
Concen: 41.603 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



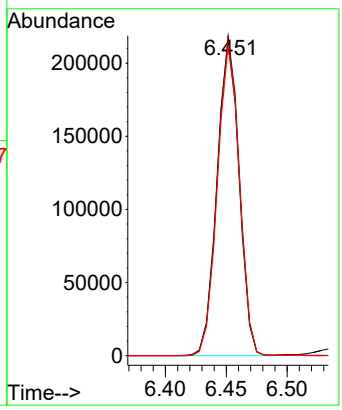


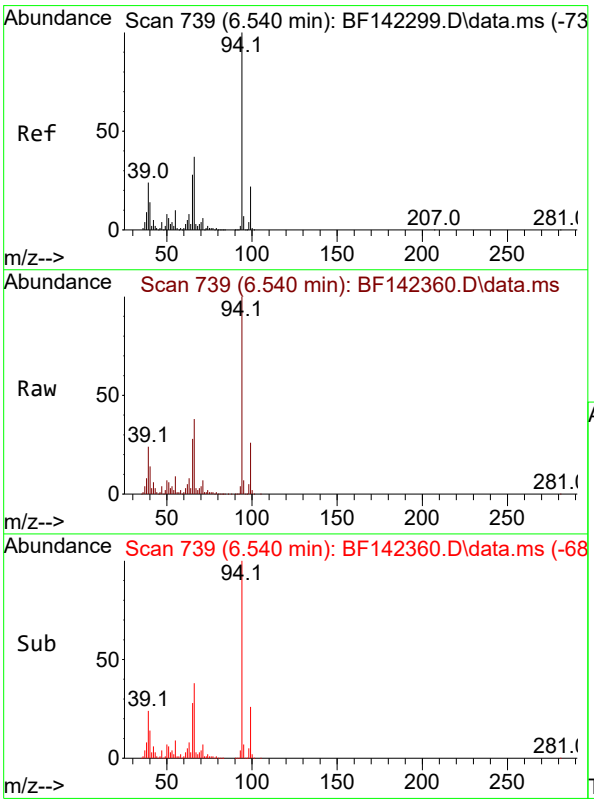
#9
Benzaldehyde
Concen: 34.655 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

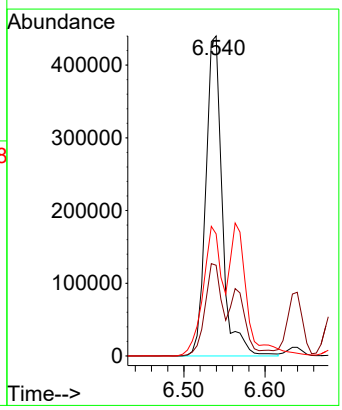


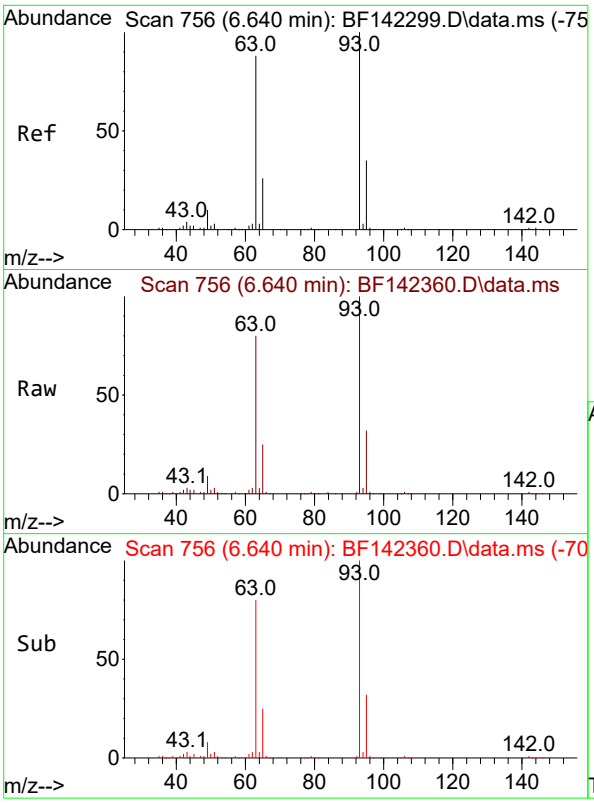


#10
Phenol
Concen: 43.529 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



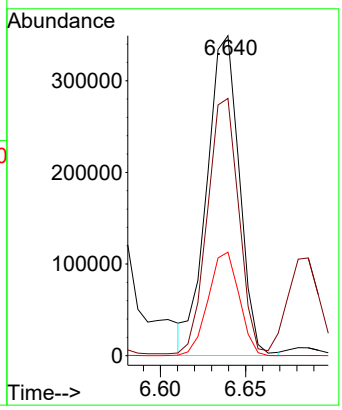


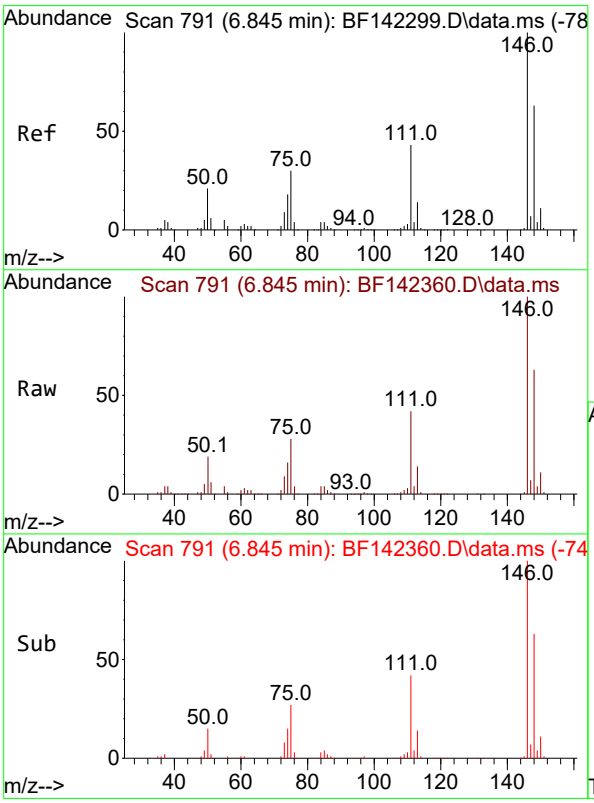
#11
bis(2-Chloroethyl)ether
Concen: 33.010 ng
RT: 6.640 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

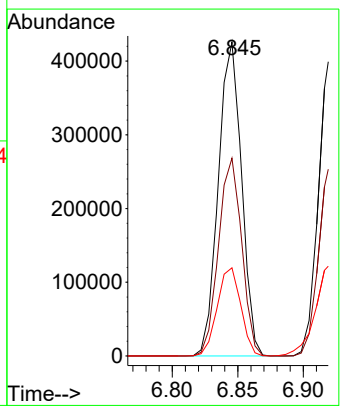


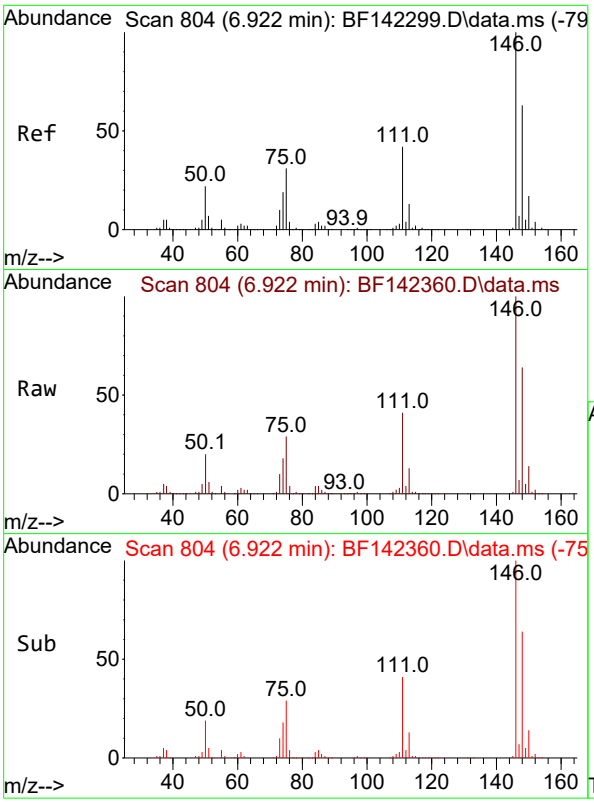


#12
1,3-Dichlorobenzene
Concen: 39.321 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



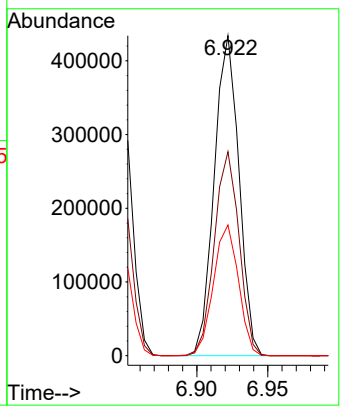


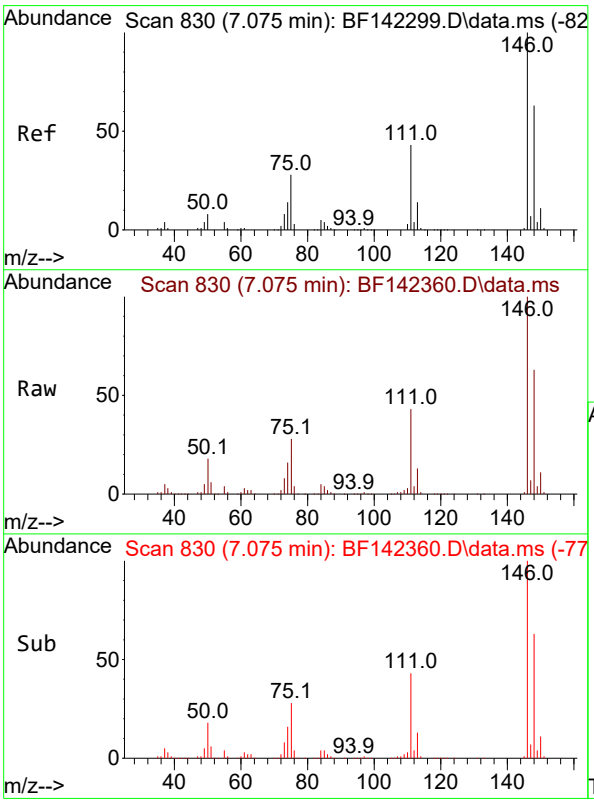
#13
1,4-Dichlorobenzene
Concen: 39.282 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

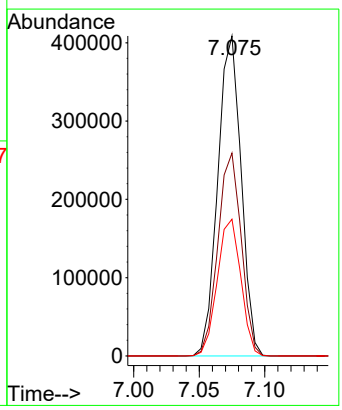


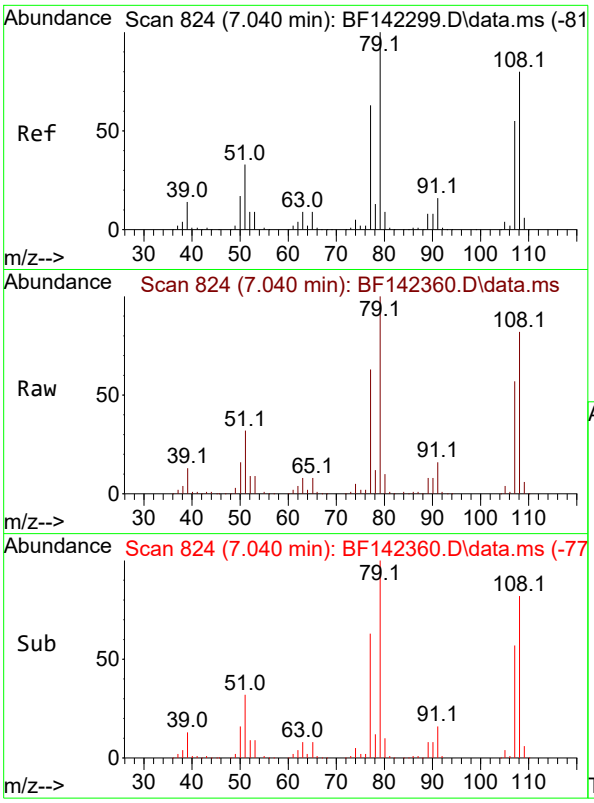


#14
1,2-Dichlorobenzene
Concen: 39.374 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



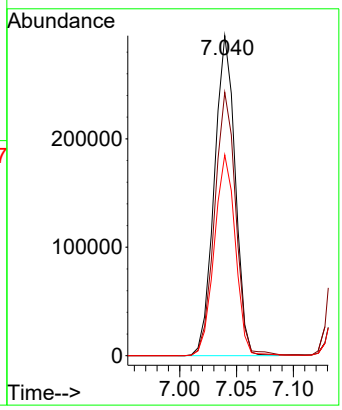


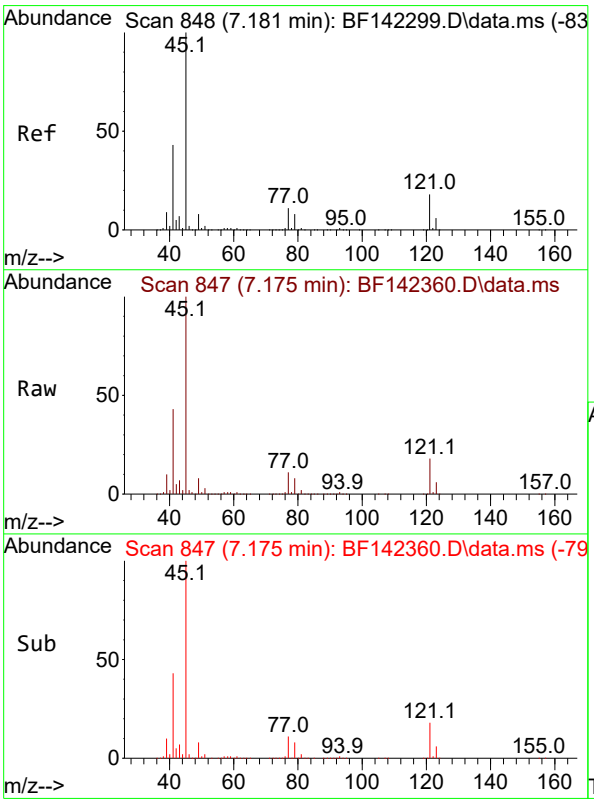
#15
Benzyl Alcohol
Concen: 43.553 ng
RT: 7.040 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

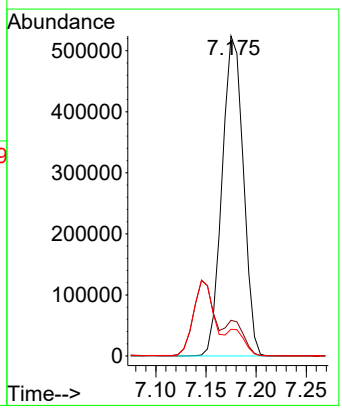


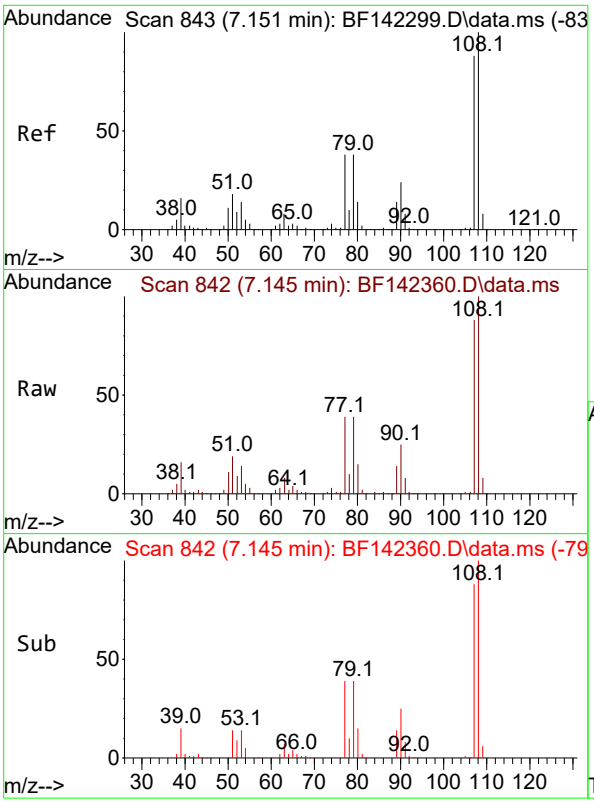


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.810 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



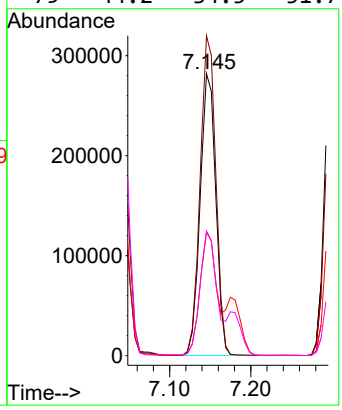


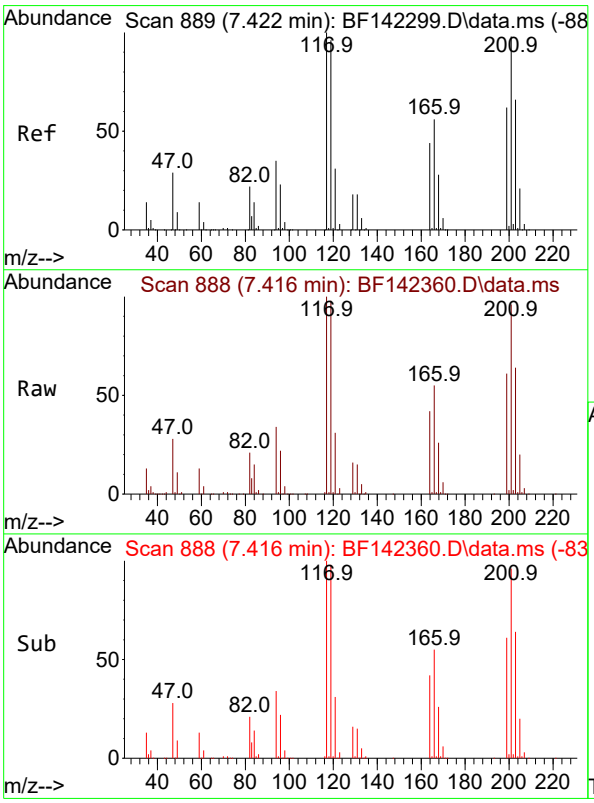
#17
2-Methylphenol
Concen: 39.915 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

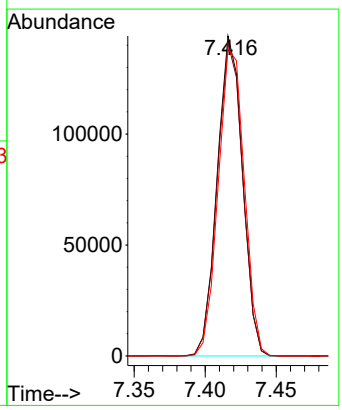


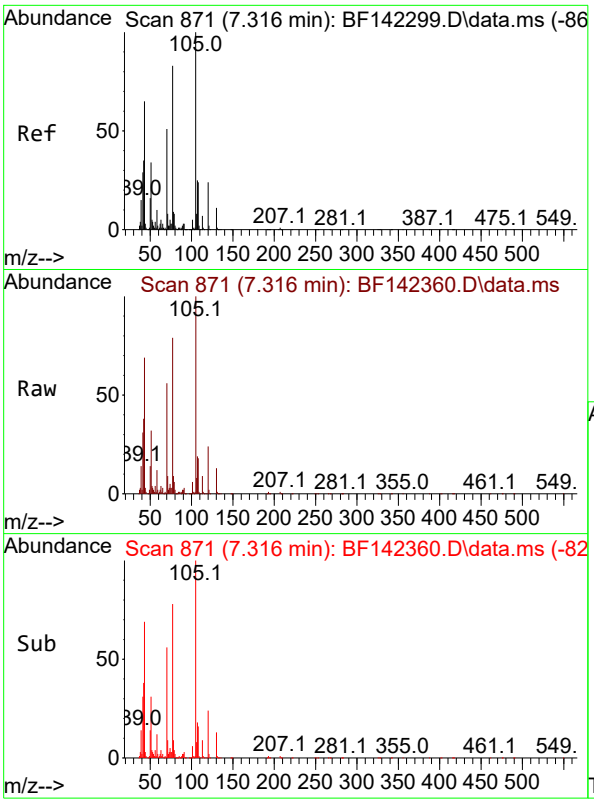


#18
Hexachloroethane
Concen: 40.200 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



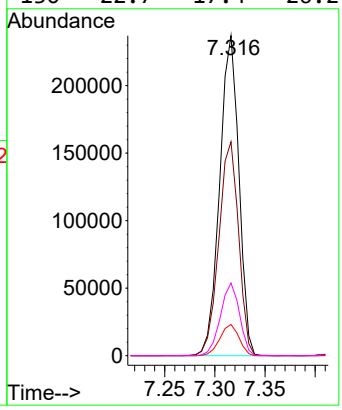


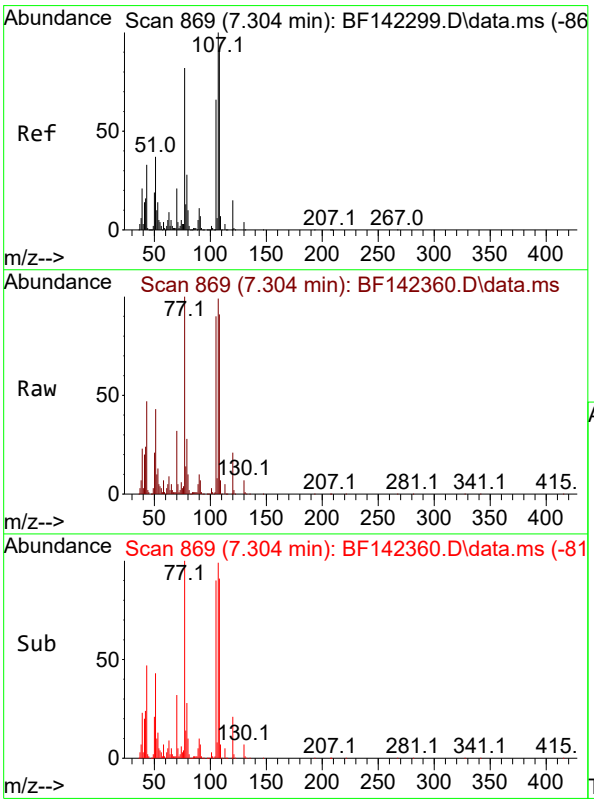
#19
n-Nitroso-di-n-propylamine
Concen: 37.947 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

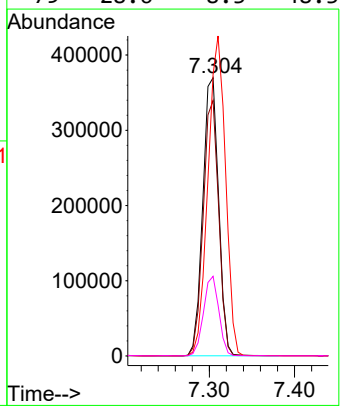


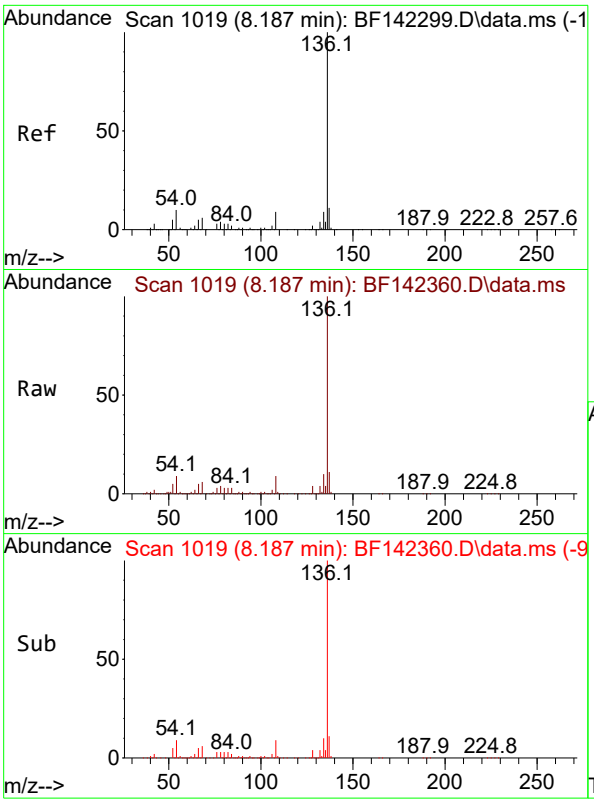


#20
3+4-Methylphenols
Concen: 40.437 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



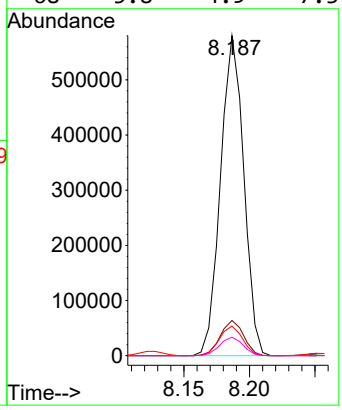


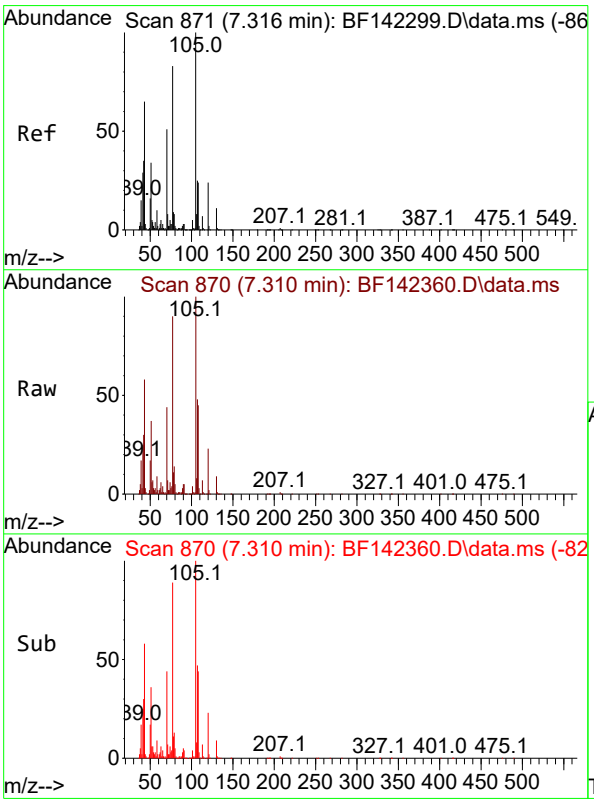
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

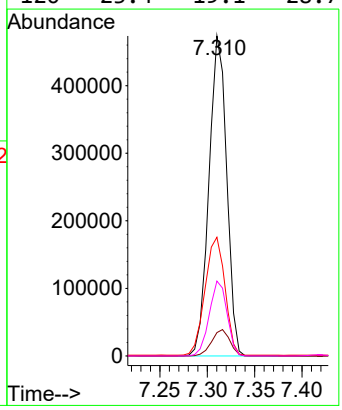


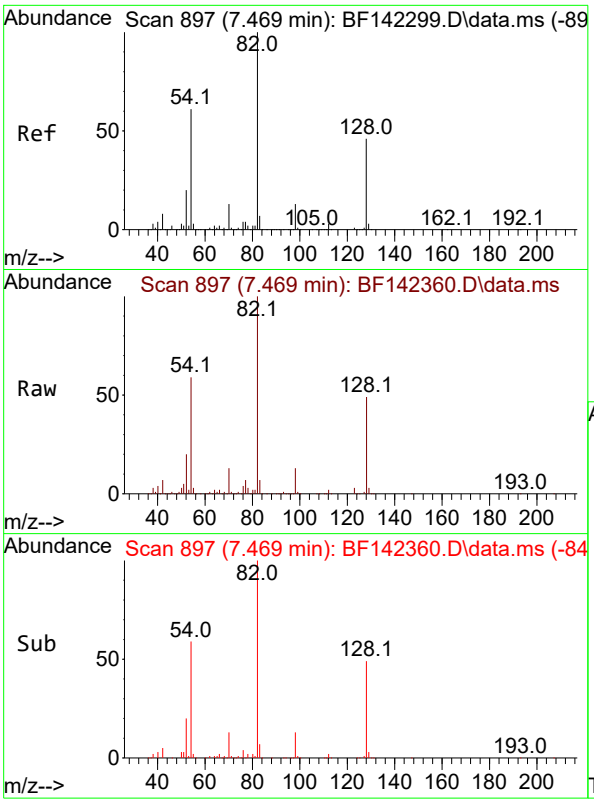


#22
Acetophenone
Concen: 38.738 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



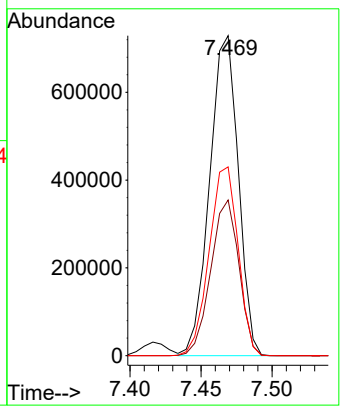


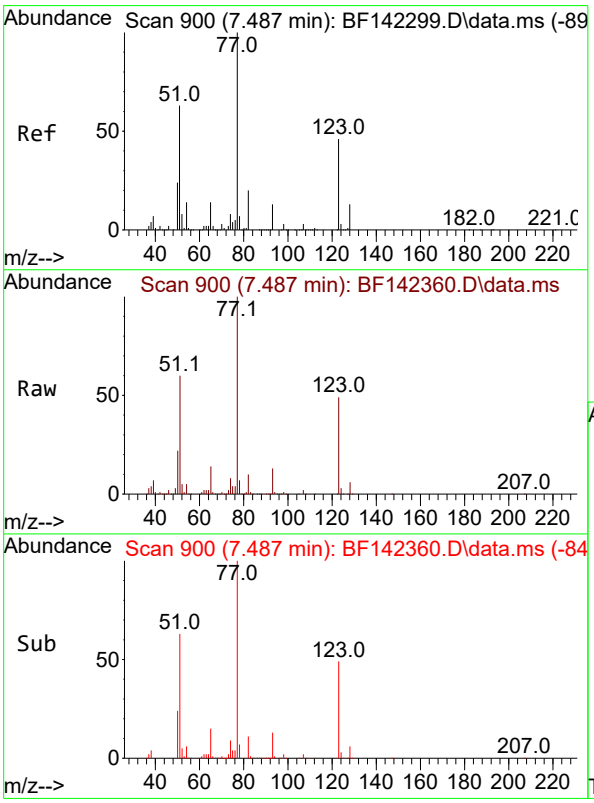
#23
Nitrobenzene-d5
Concen: 87.243 ng
RT: 7.469 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

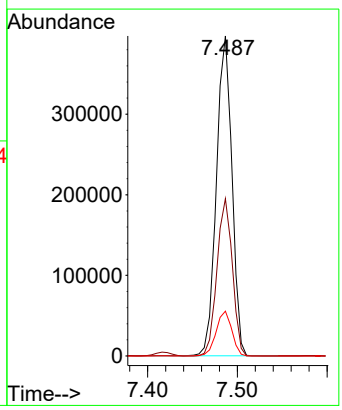


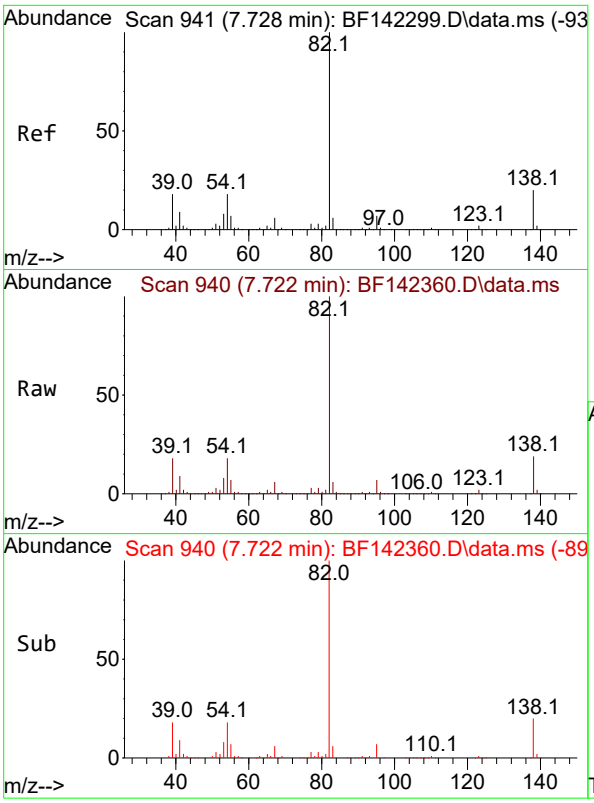


#24
Nitrobenzene
Concen: 43.176 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



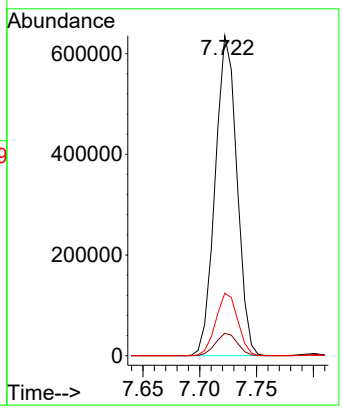


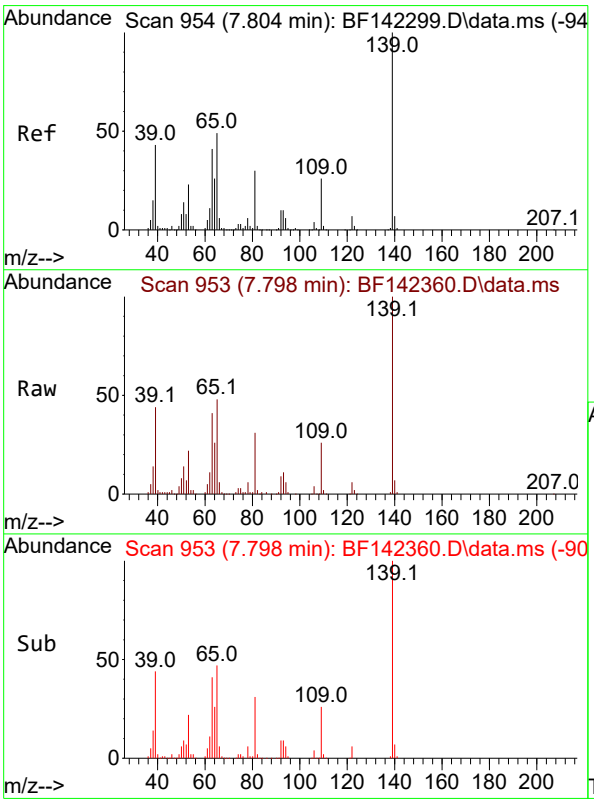
#25
Isophorone
Concen: 38.180 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

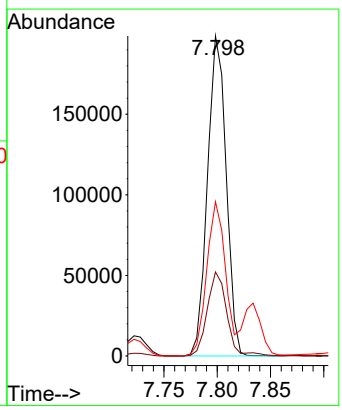


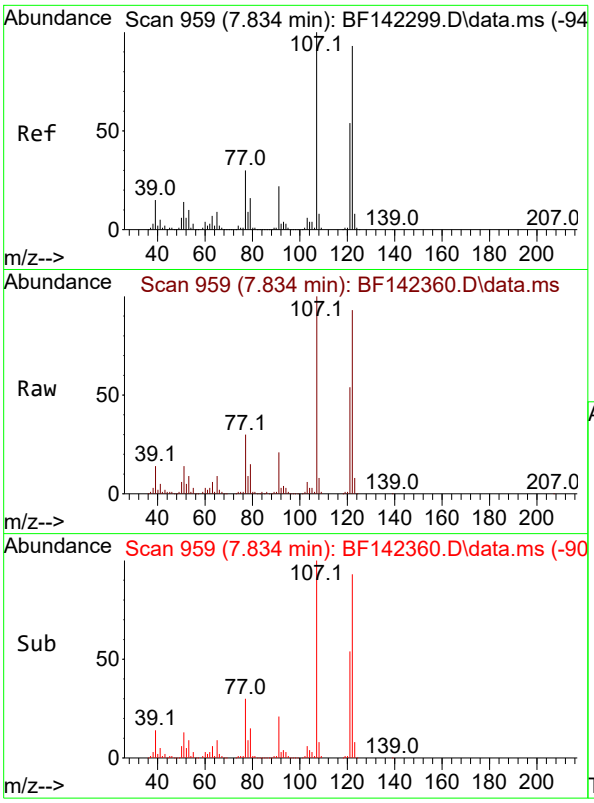


#26
2-Nitrophenol
Concen: 45.713 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



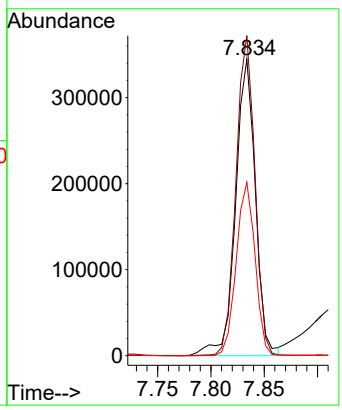


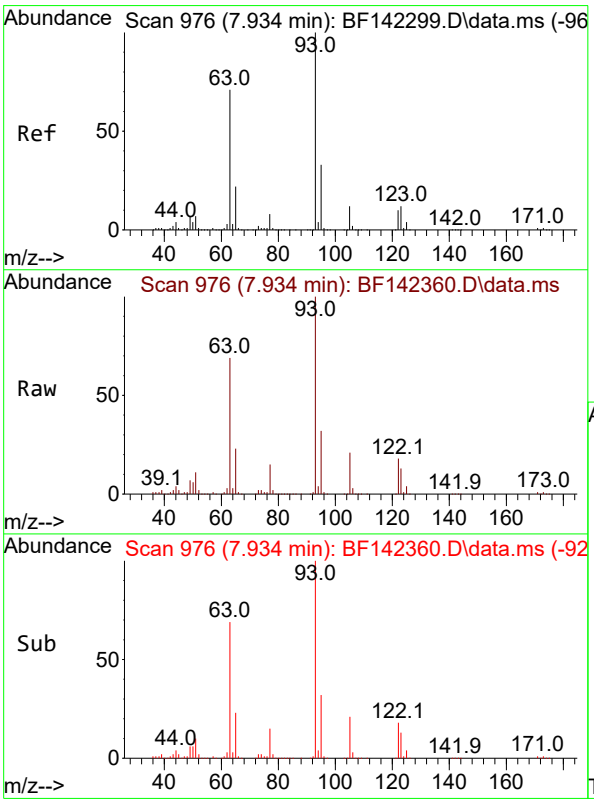
#27
2,4-Dimethylphenol
Concen: 40.153 ng
RT: 7.834 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

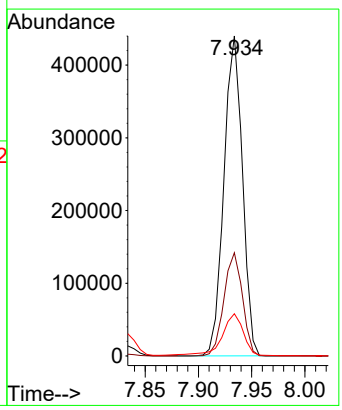


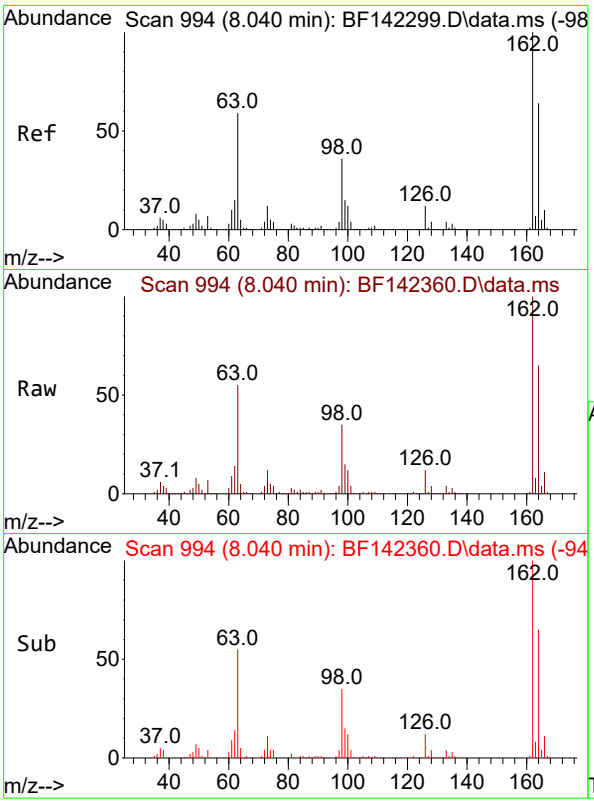


#28
bis(2-Chloroethoxy)methane
Concen: 37.109 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



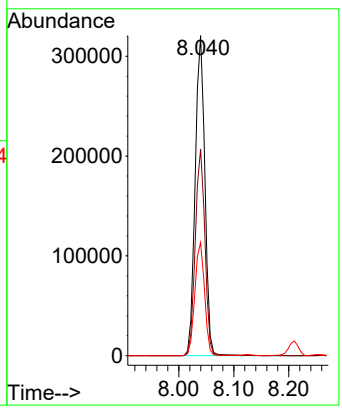


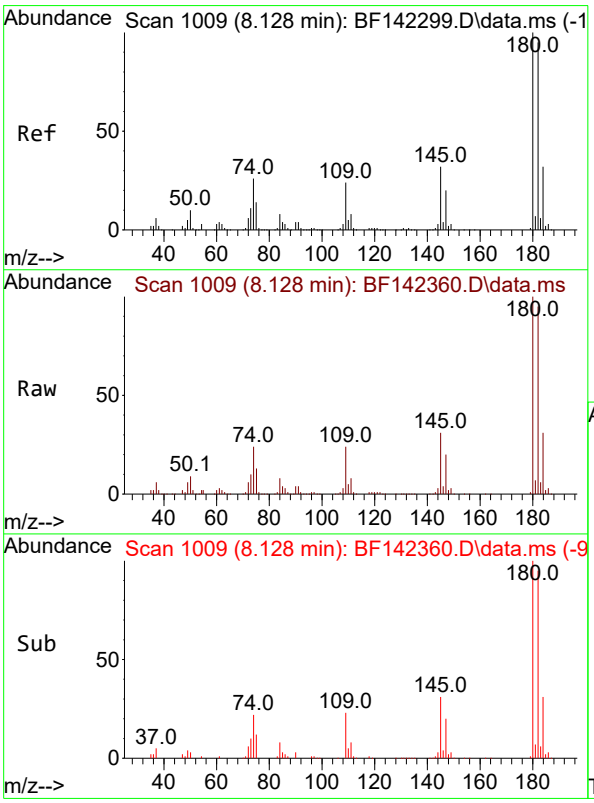
#29
2,4-Dichlorophenol
Concen: 41.422 ng
RT: 8.040 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

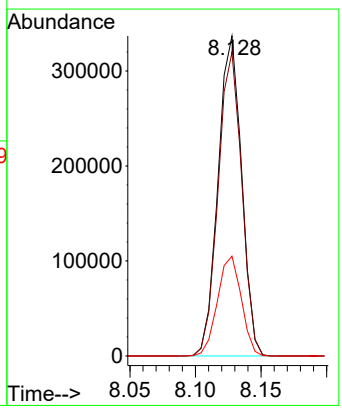


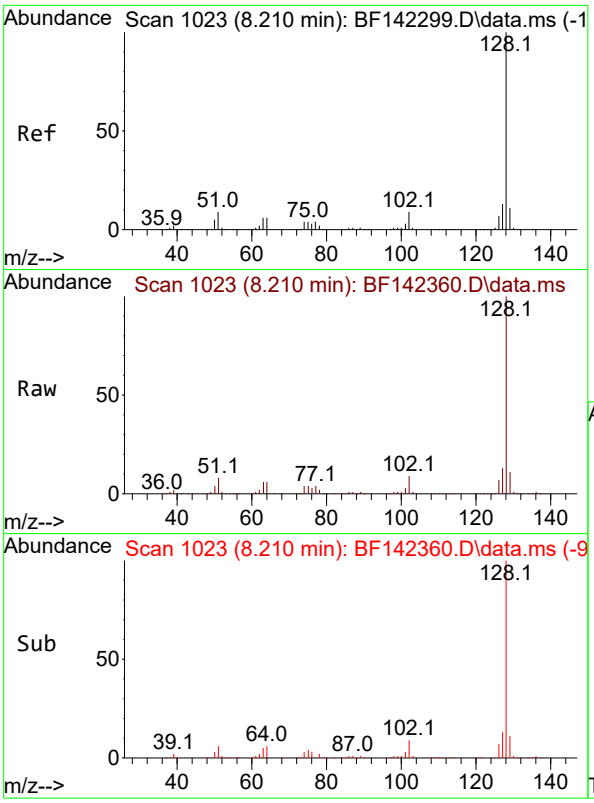


#30
1,2,4-Trichlorobenzene
Concen: 39.282 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



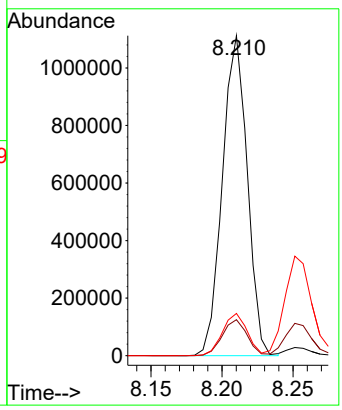


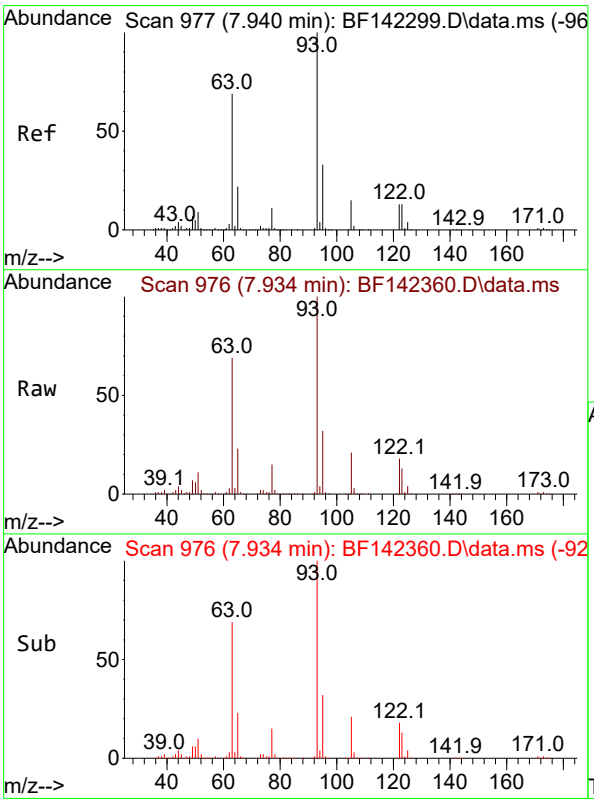
#31
Naphthalene
Concen: 39.092 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

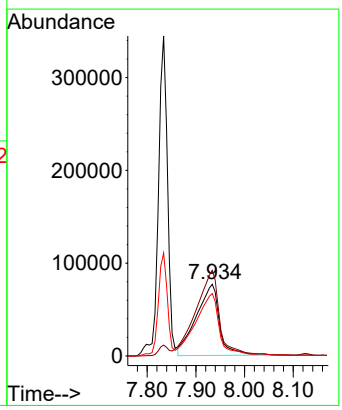


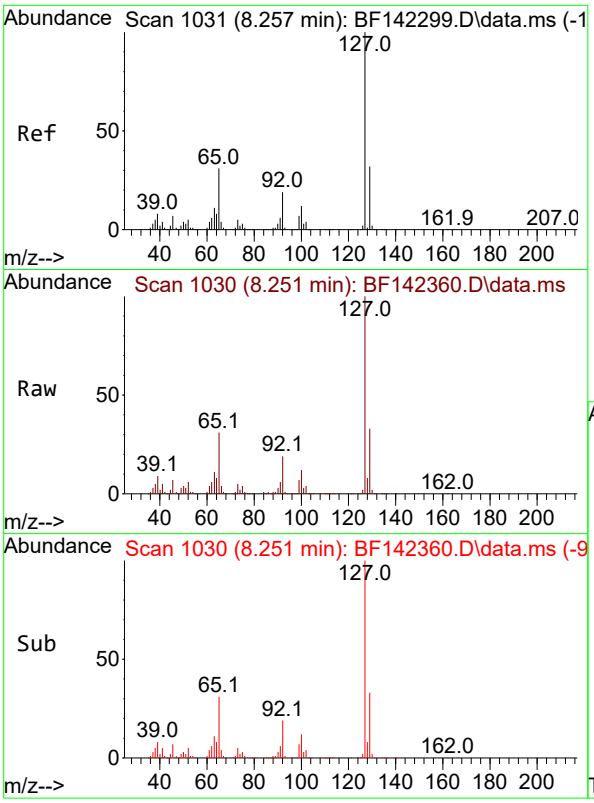


#32
Benzoic acid
Concen: 43.926 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



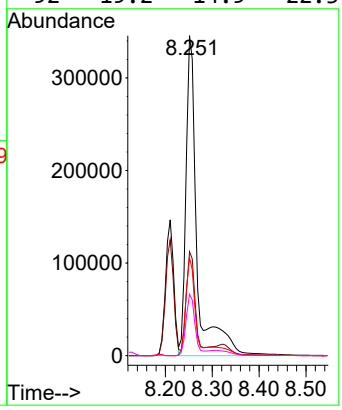


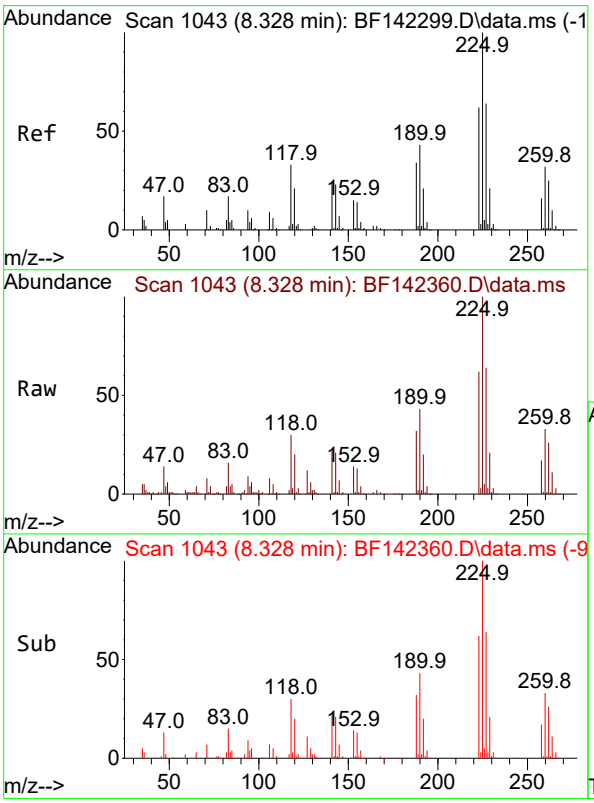
#33
4-Chloroaniline
Concen: 40.757 ng m
RT: 8.251 min Scan# 1
Delta R.T. -0.016 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

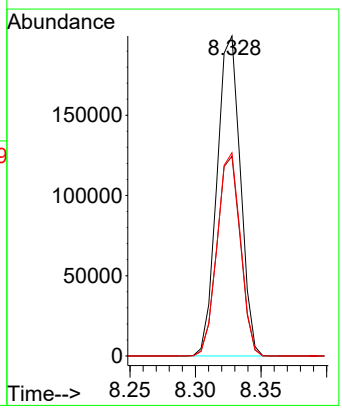


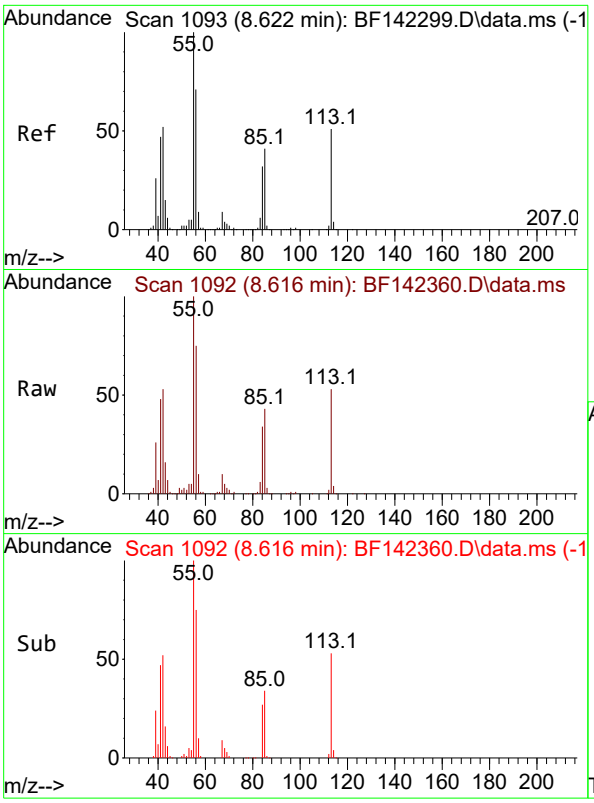


#34
Hexachlorobutadiene
Concen: 39.063 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



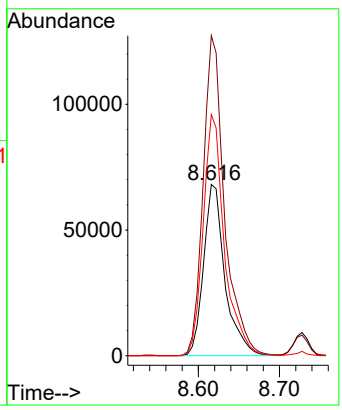


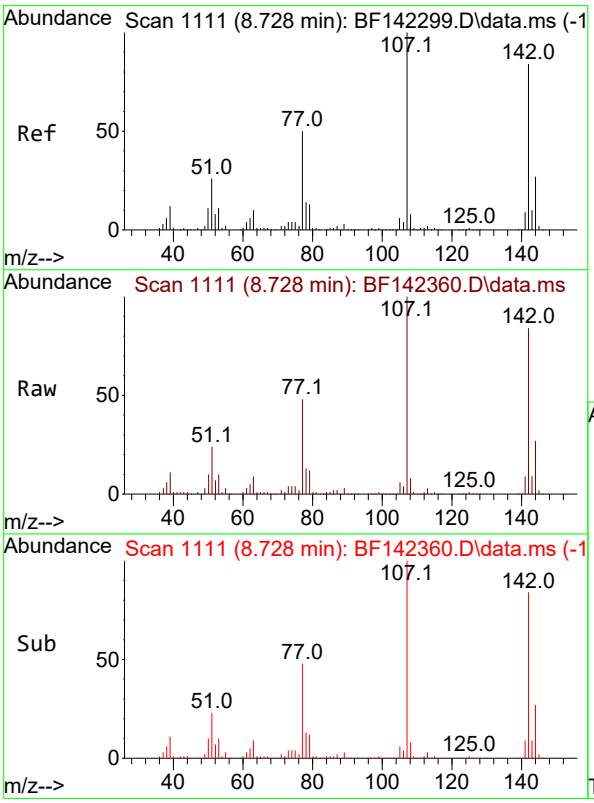
#35
Caprolactam
Concen: 44.986 ng
RT: 8.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

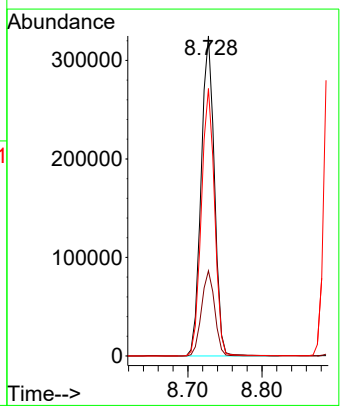


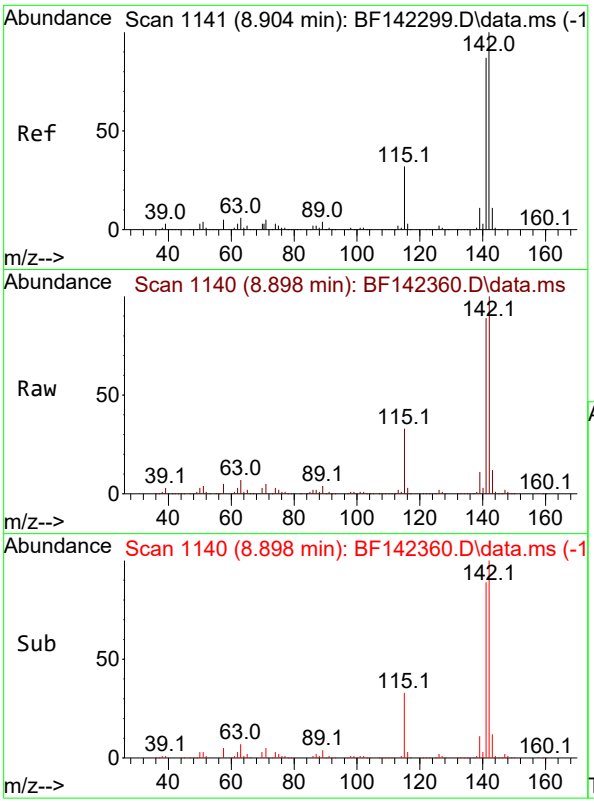


#36
4-Chloro-3-methylphenol
Concen: 40.986 ng
RT: 8.728 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



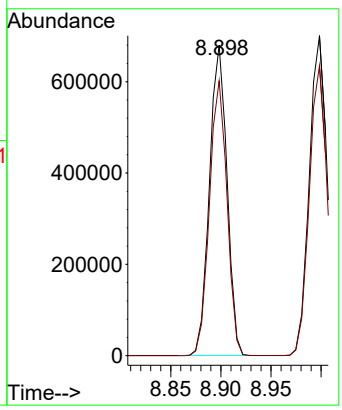


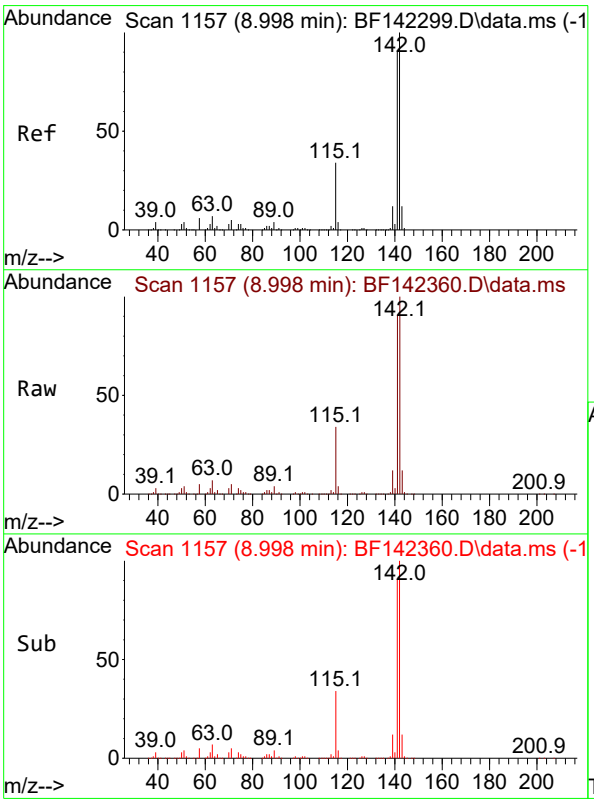
#37
2-Methylnaphthalene
Concen: 38.452 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 827869

Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.4	104.2

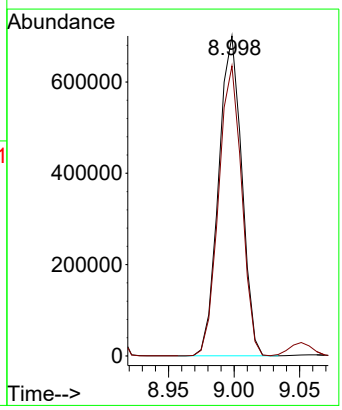


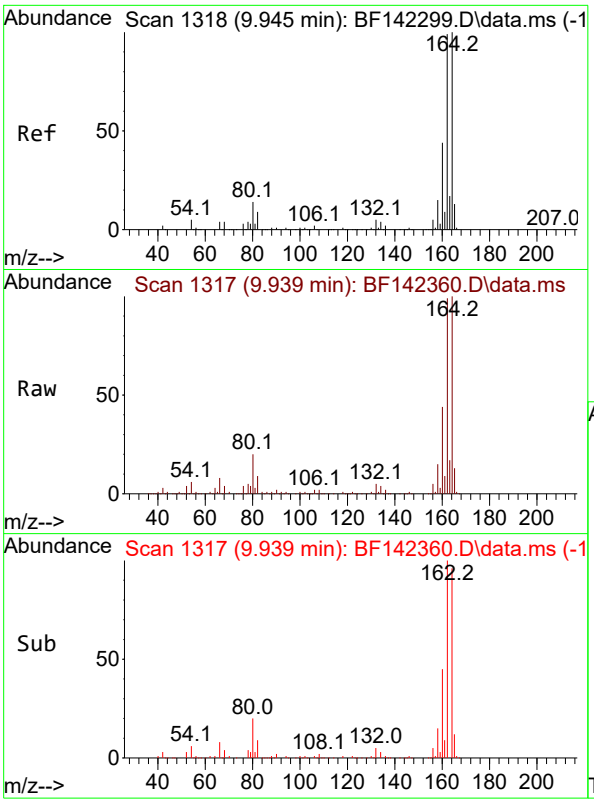


#38
1-Methylnaphthalene
Concen: 38.293 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

Tgt Ion:142 Resp: 859310

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.5	108.7



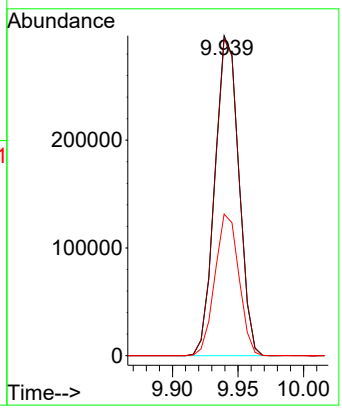


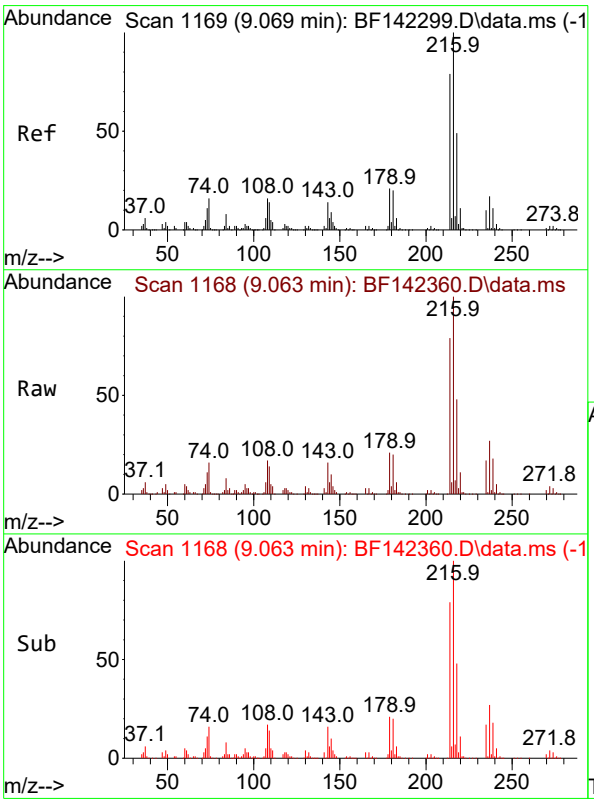
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

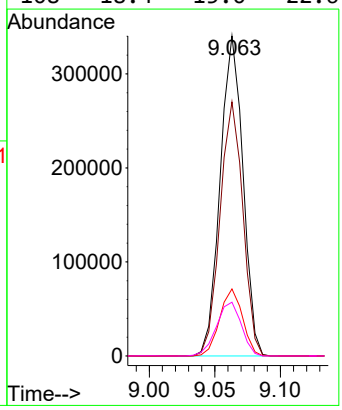


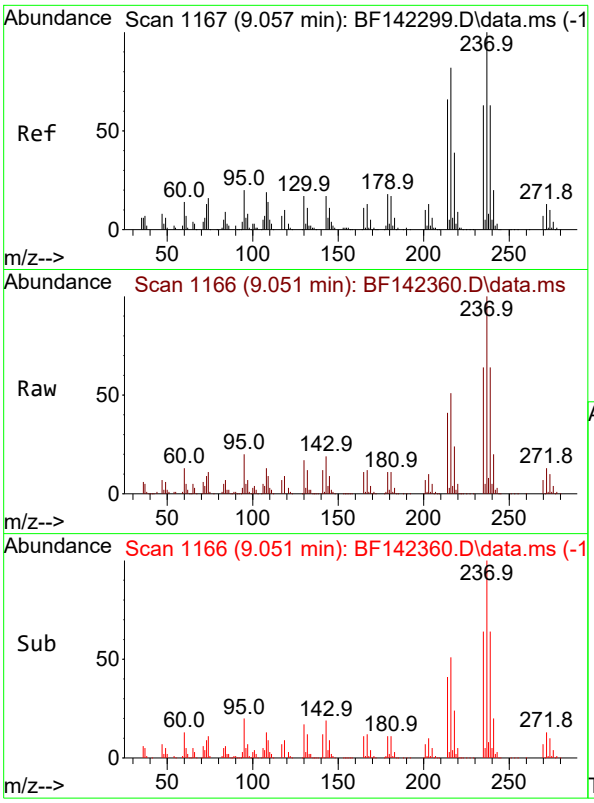


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.969 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



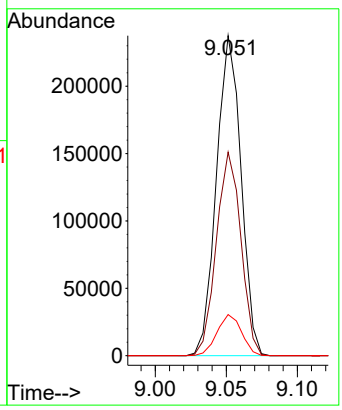


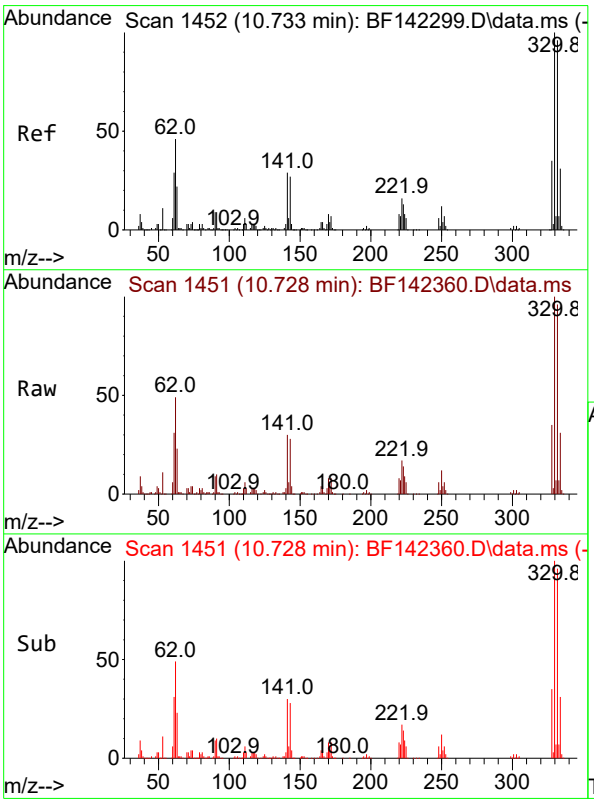
#41
Hexachlorocyclopentadiene
Concen: 43.908 ng
RT: 9.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

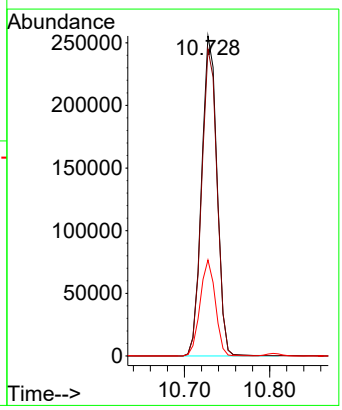


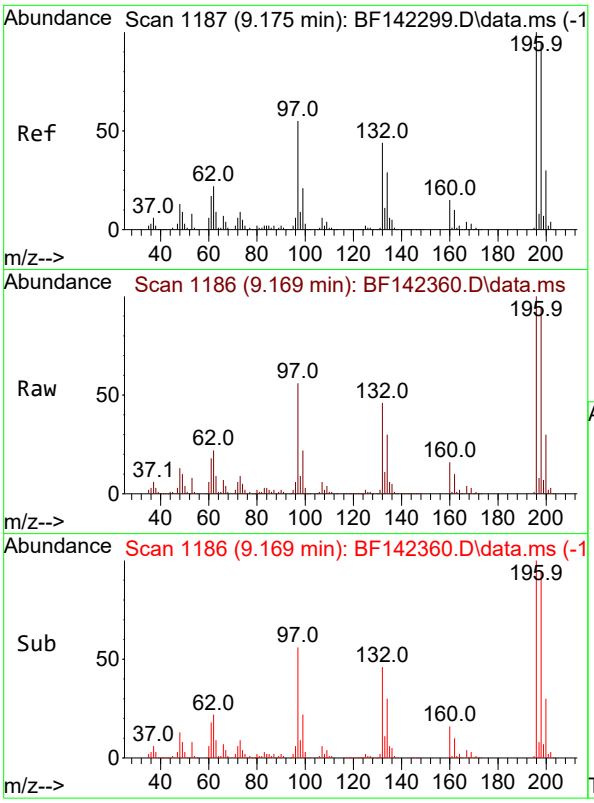


#42
2,4,6-Tribromophenol
Concen: 87.794 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



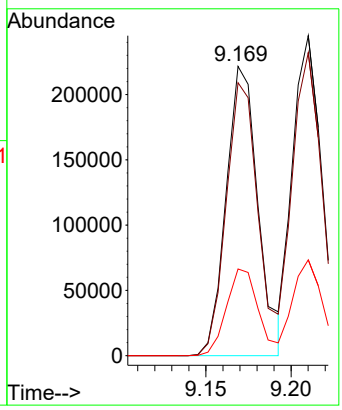


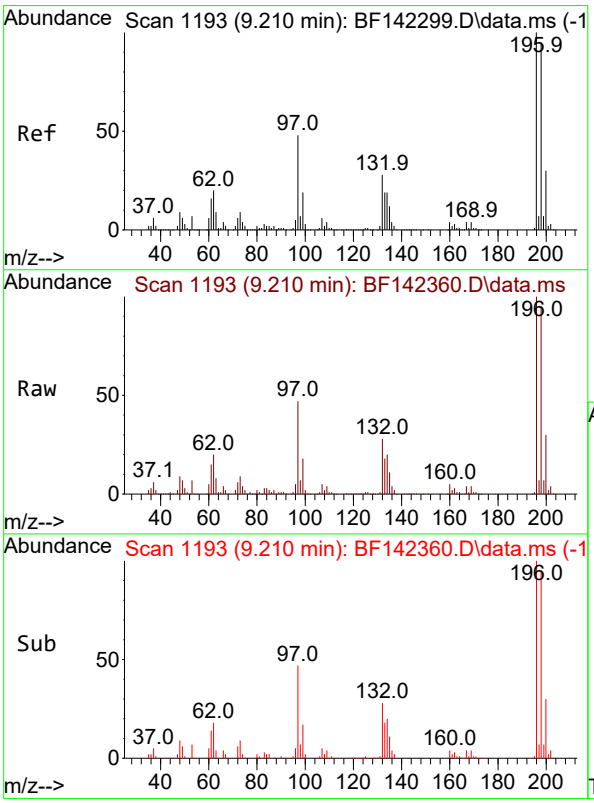
#43
2,4,6-Trichlorophenol
Concen: 43.508 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

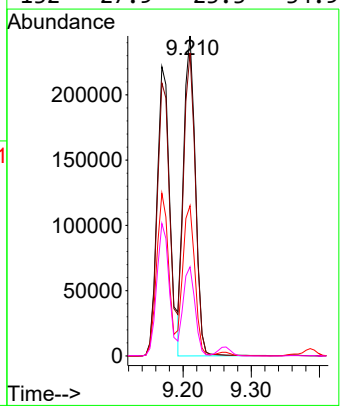


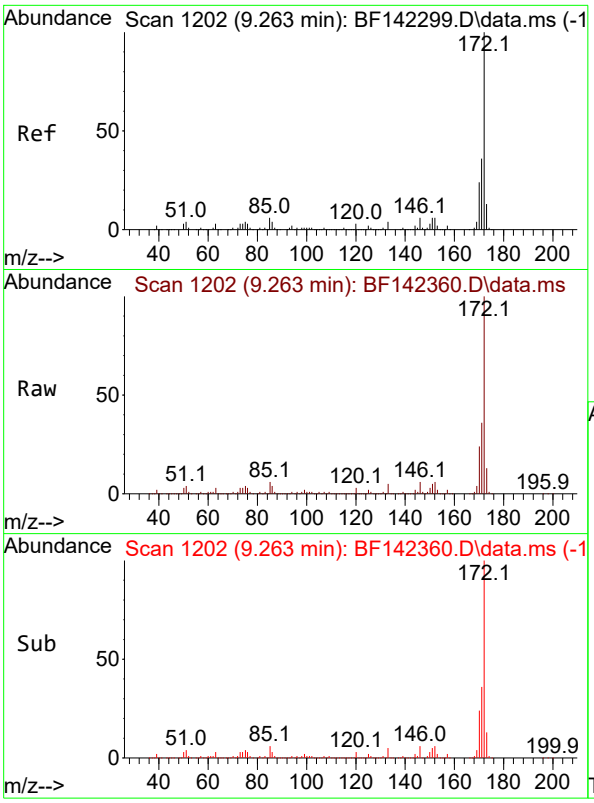


#44
2,4,5-Trichlorophenol
Concen: 41.477 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



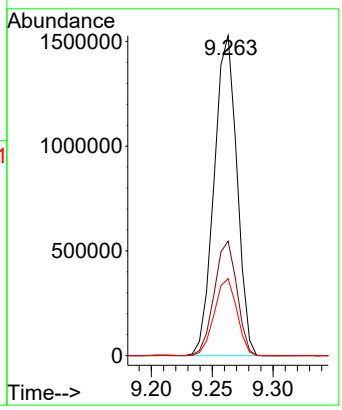


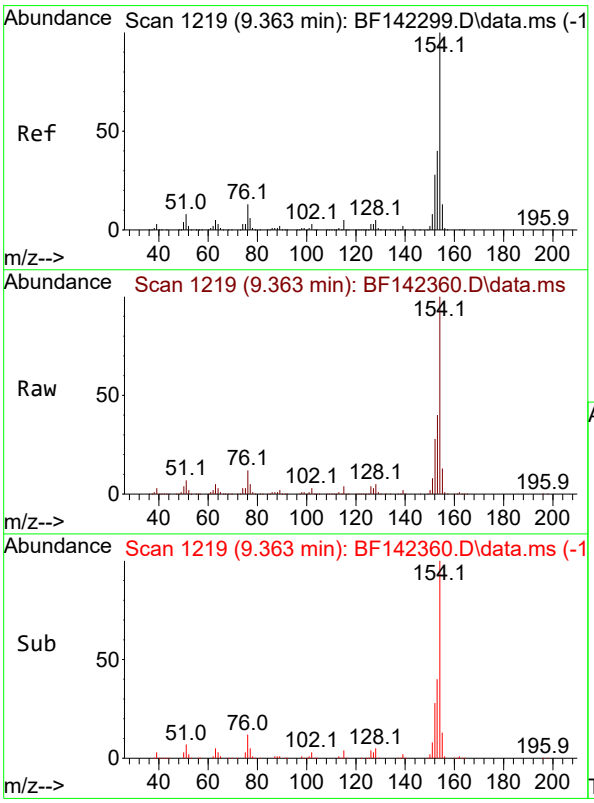
#45
2-Fluorobiphenyl
Concen: 75.319 ng
RT: 9.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

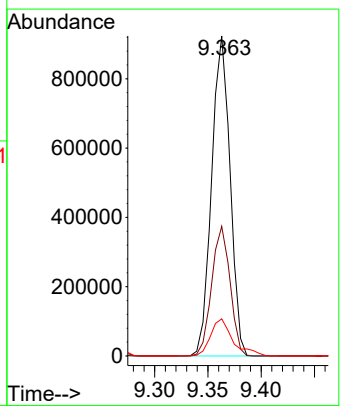


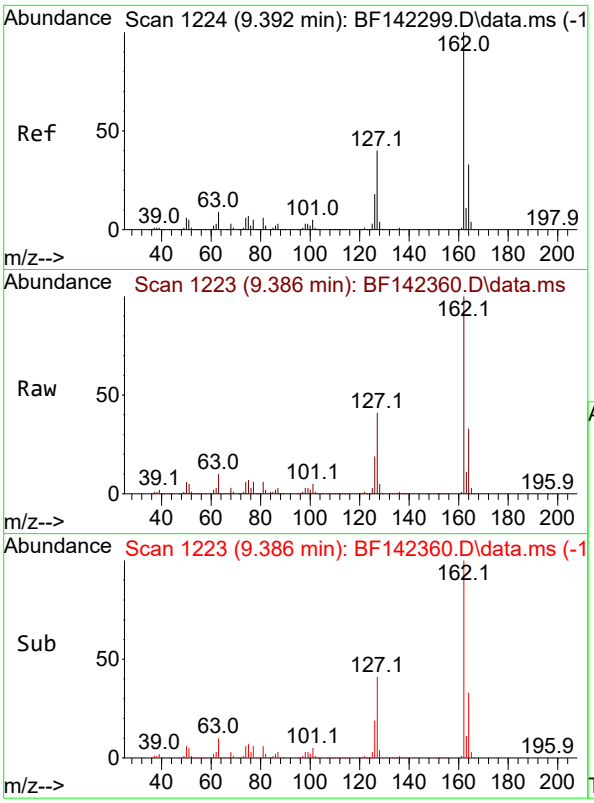


#46
1,1'-Biphenyl
Concen: 38.397 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



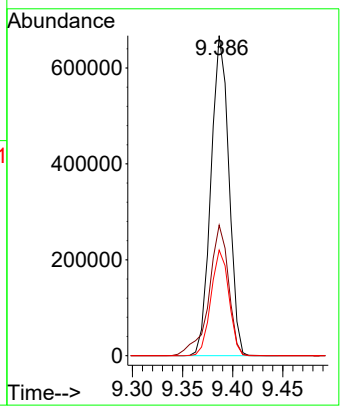


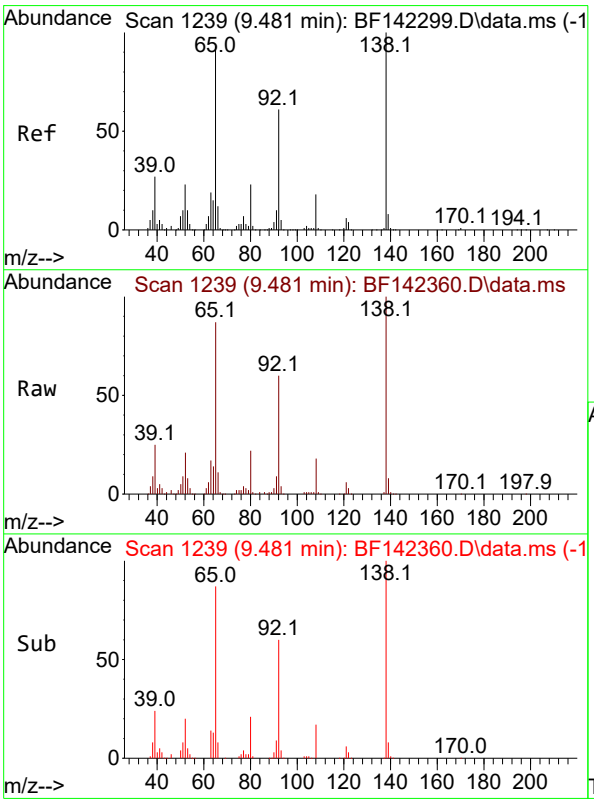
#47
2-Chloronaphthalene
Concen: 38.565 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

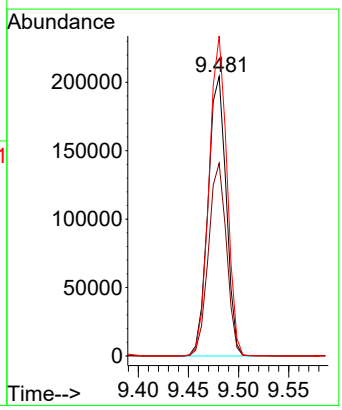


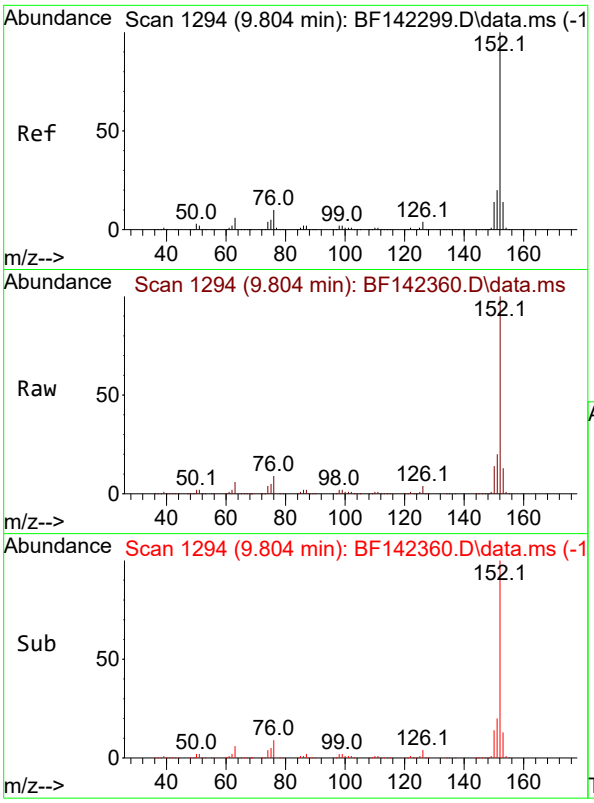


#48
2-Nitroaniline
Concen: 46.815 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



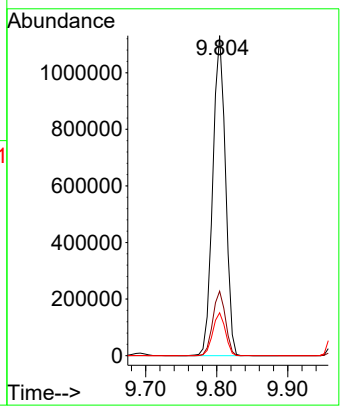


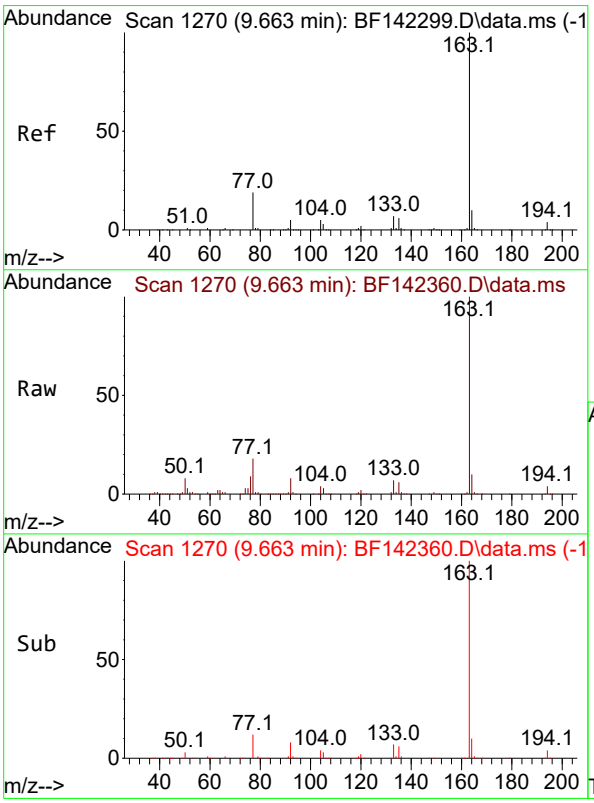
#49
Acenaphthylene
Concen: 38.978 ng
RT: 9.804 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

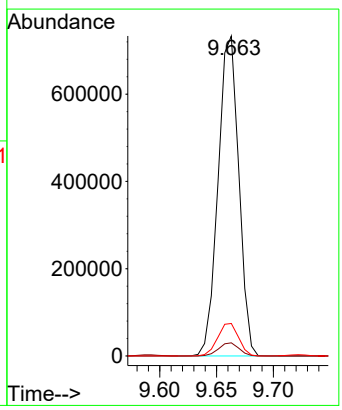


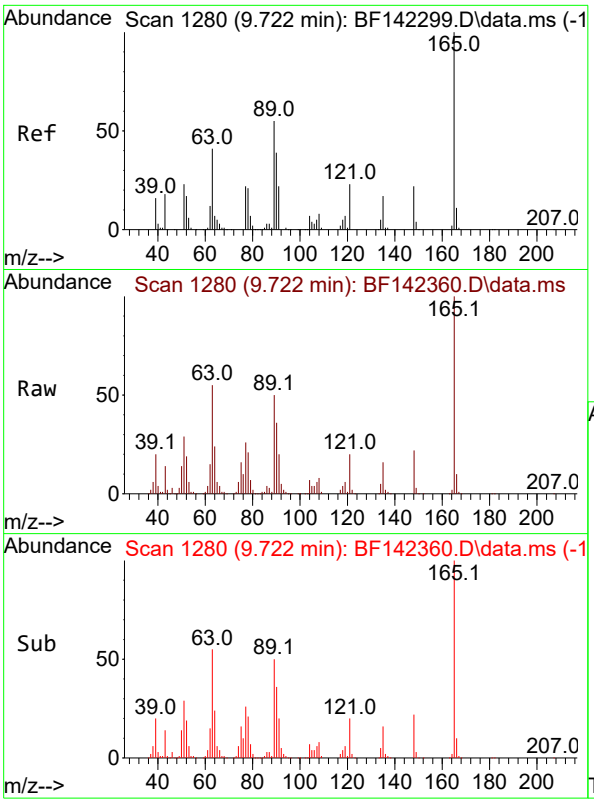


#50
Dimethylphthalate
Concen: 38.414 ng
RT: 9.663 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



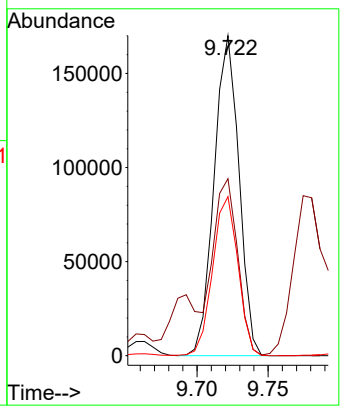


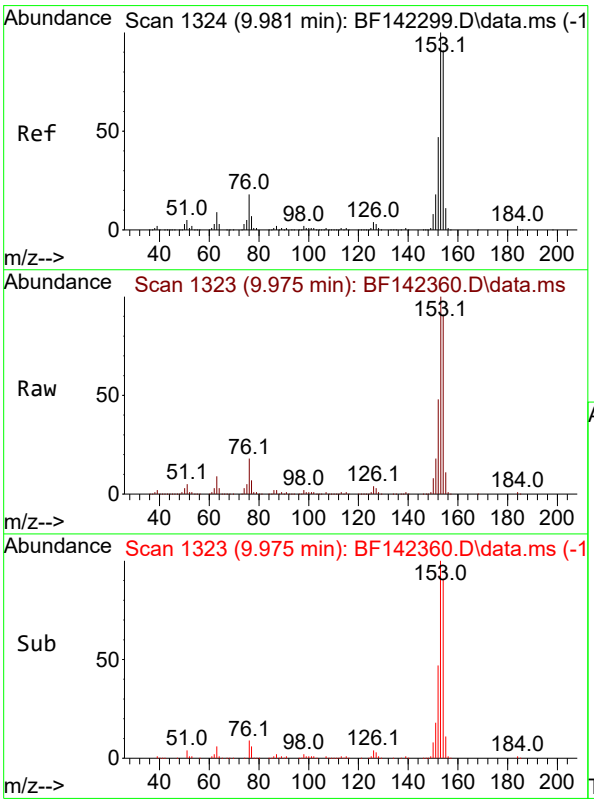
#51
2,6-Dinitrotoluene
Concen: 45.704 ng
RT: 9.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

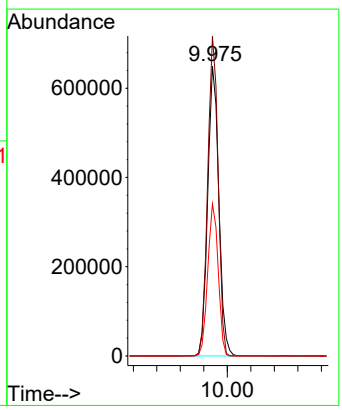


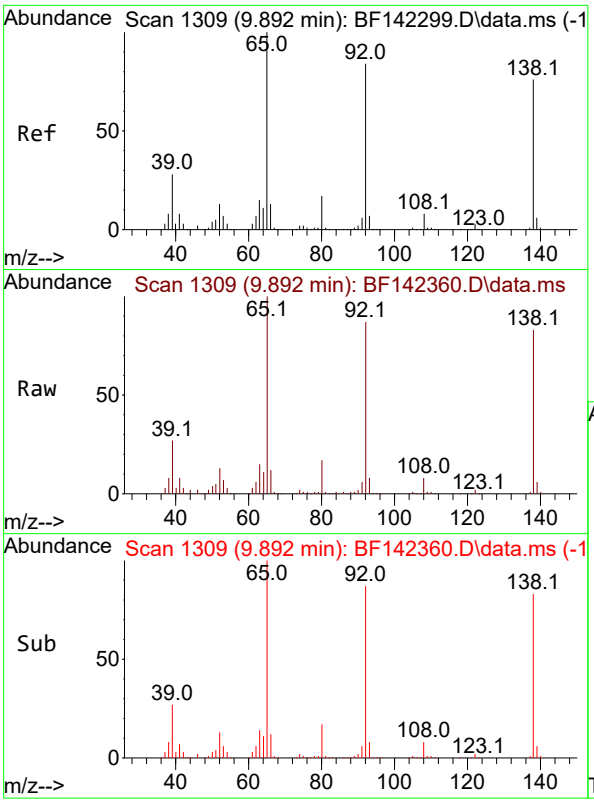


#52
Acenaphthene
Concen: 39.339 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



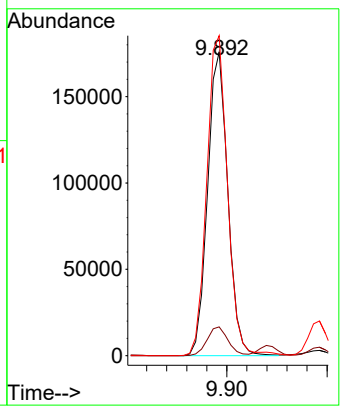


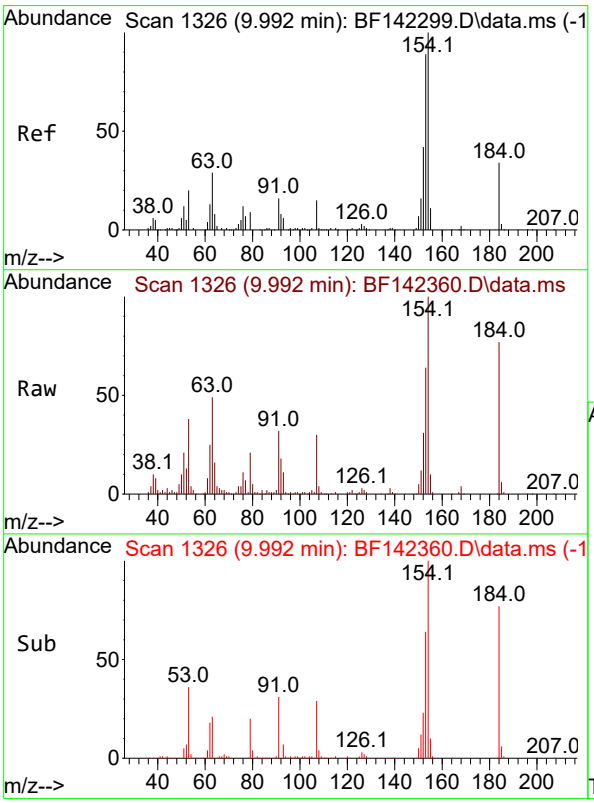
#53
3-Nitroaniline
Concen: 46.368 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

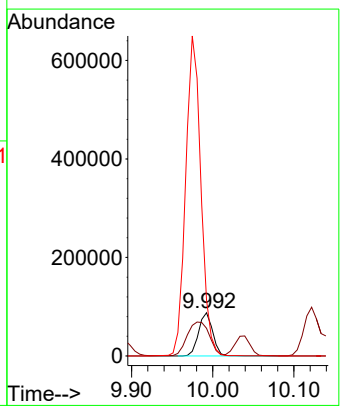


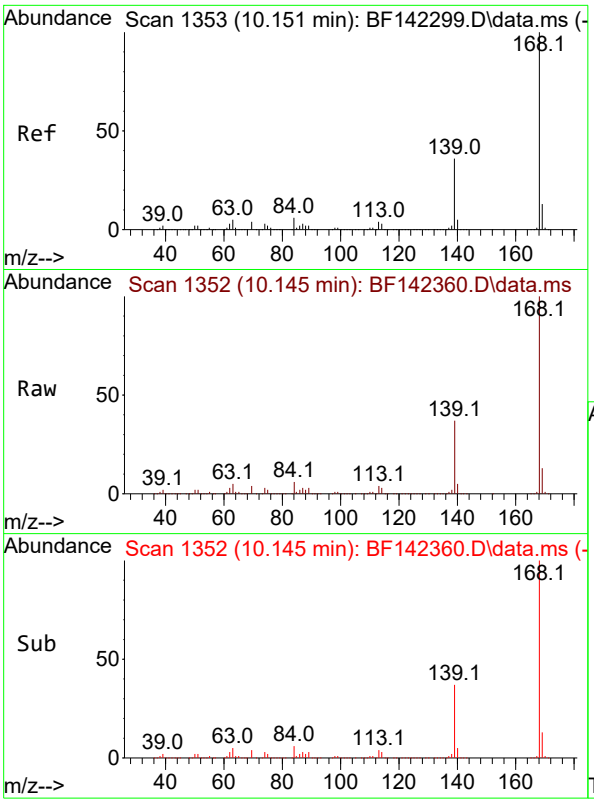


#54
2,4-Dinitrophenol
Concen: 48.209 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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#



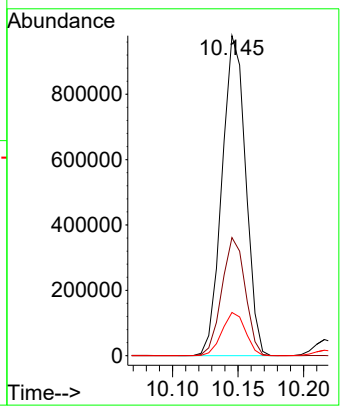


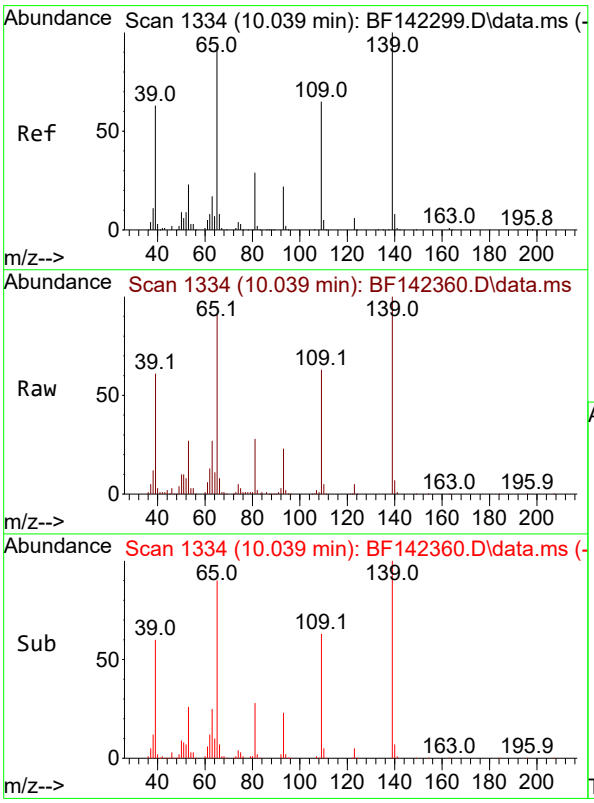
#55
Dibenzofuran
Concen: 38.461 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

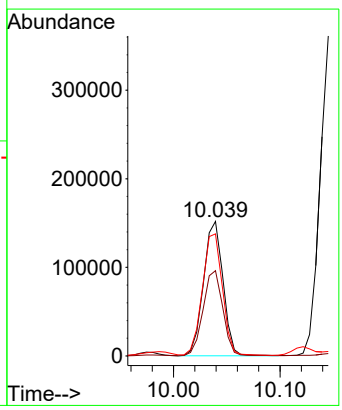


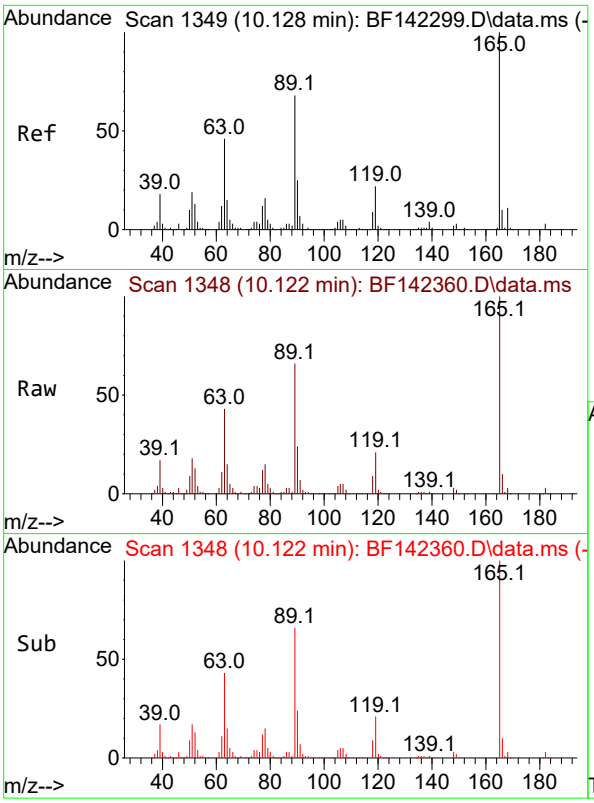


#56
4-Nitrophenol
Concen: 48.388 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



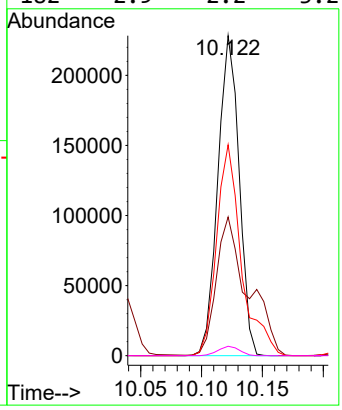


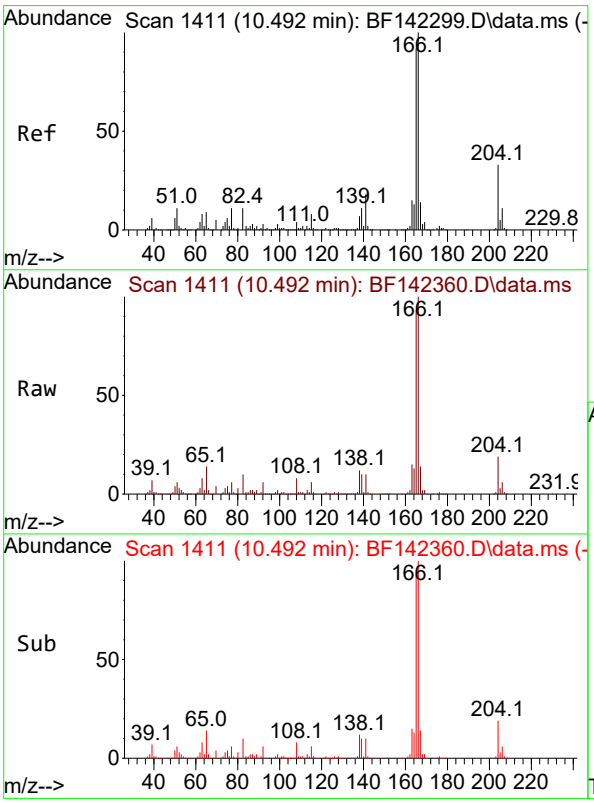
#57
2,4-Dinitrotoluene
Concen: 47.829 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

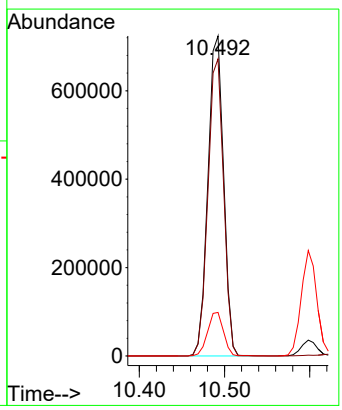


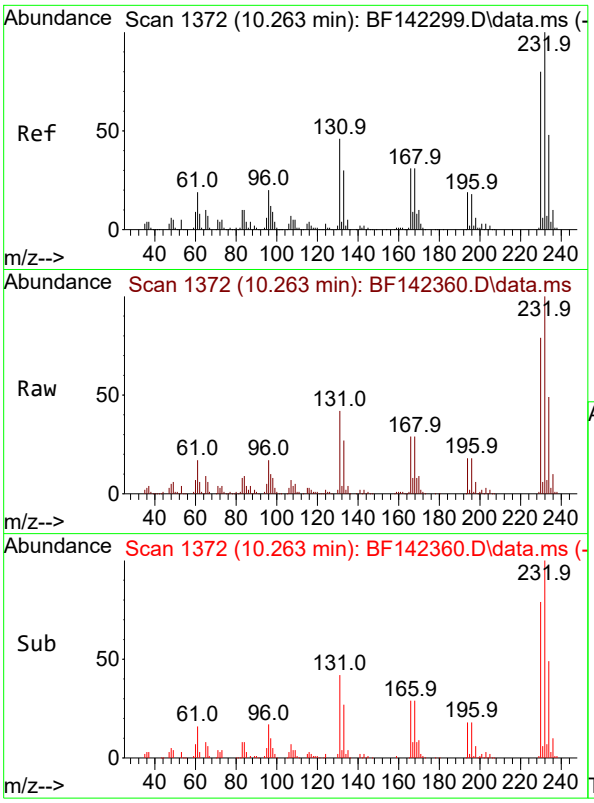


#58
Fluorene
Concen: 37.913 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



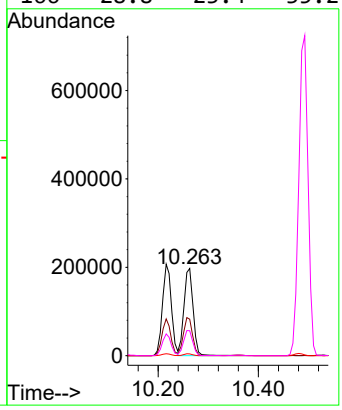


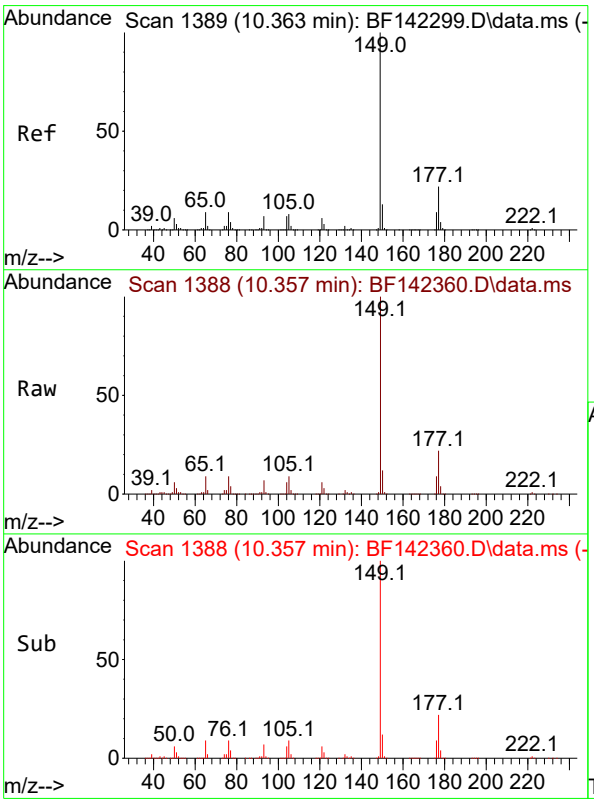
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.165 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

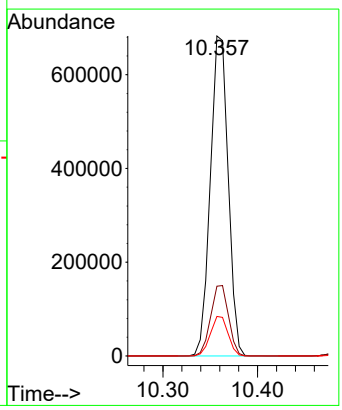


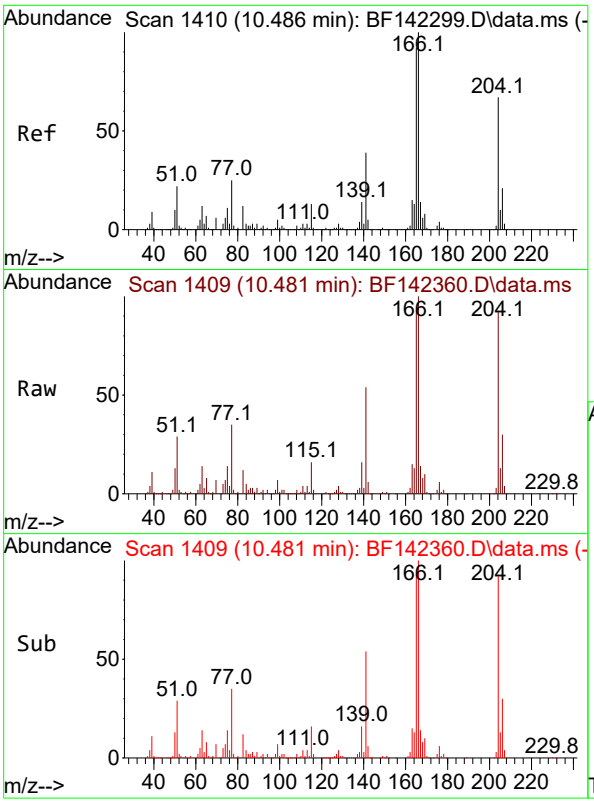


#60
Diethylphthalate
Concen: 37.017 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



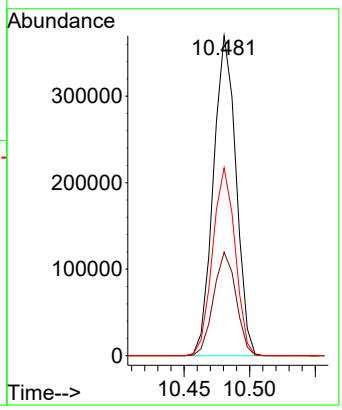


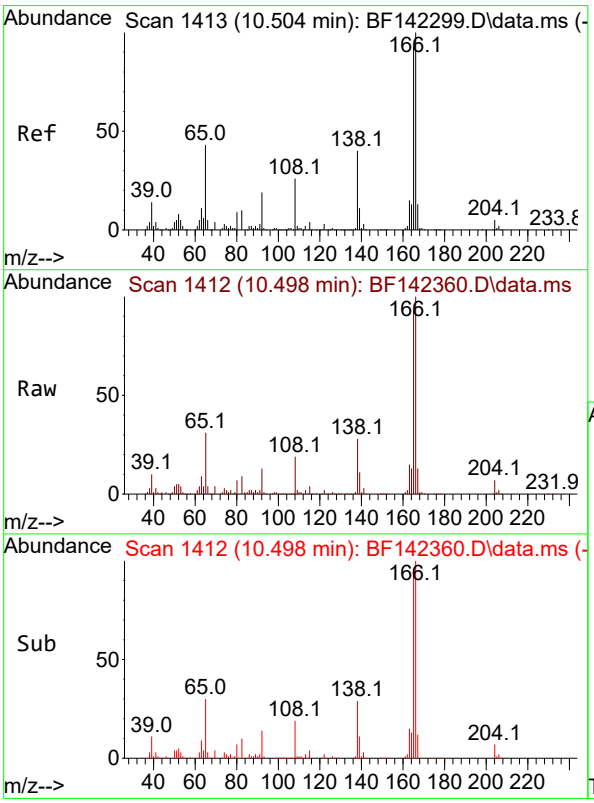
#61
4-Chlorophenyl-phenylether
Concen: 37.643 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

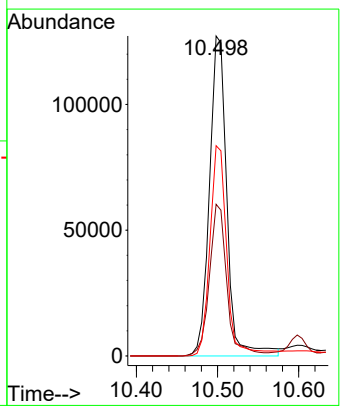


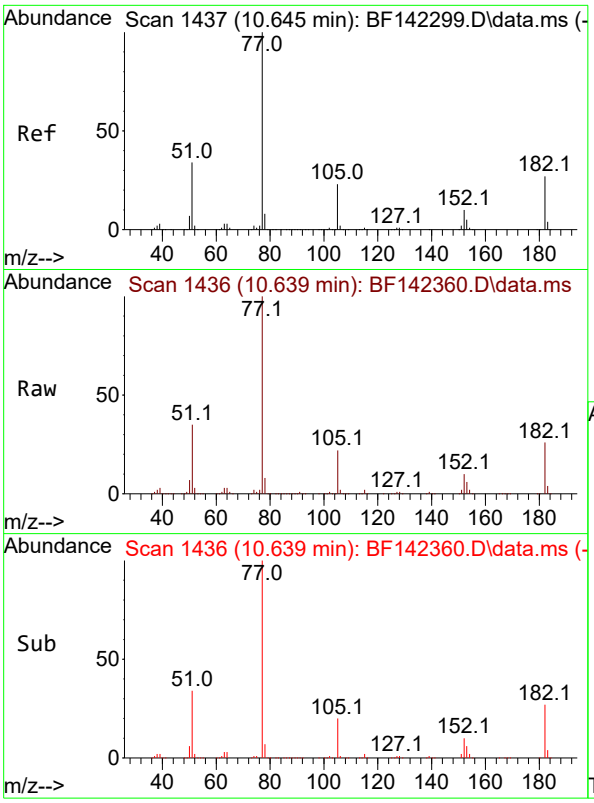


#62
4-Nitroaniline
Concen: 44.969 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



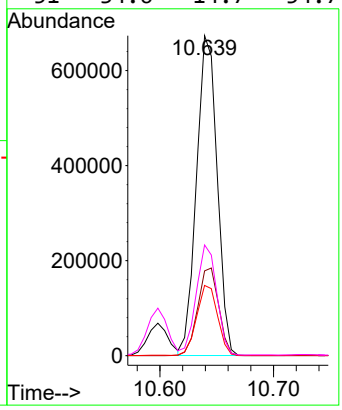


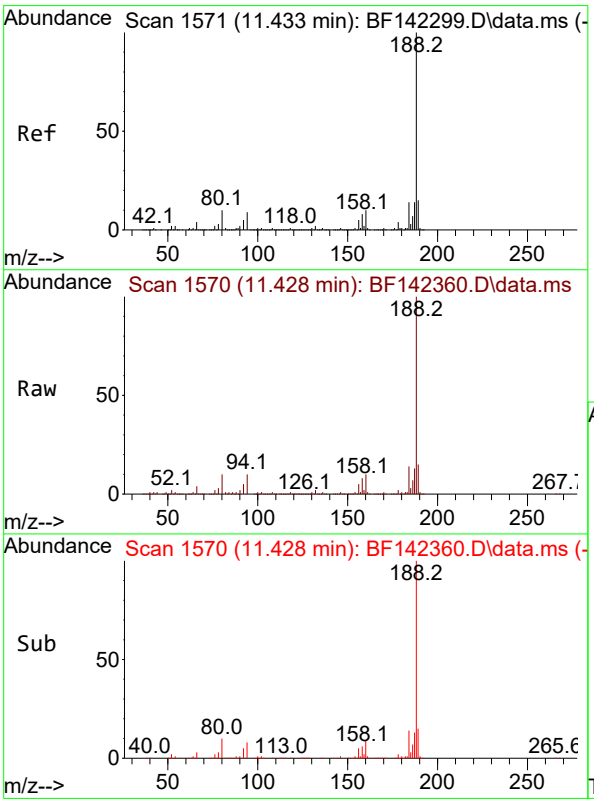
#63
Azobenzene
Concen: 36.836 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

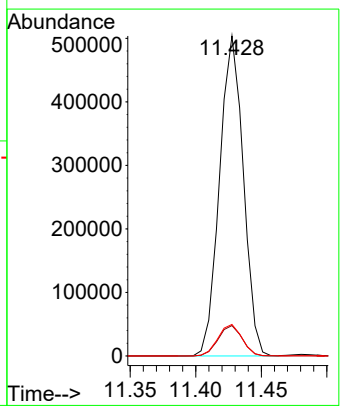


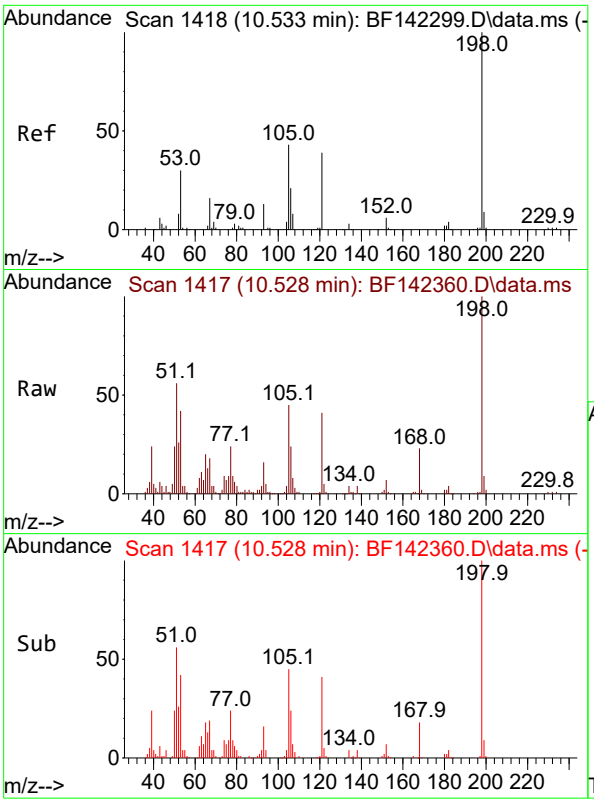


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



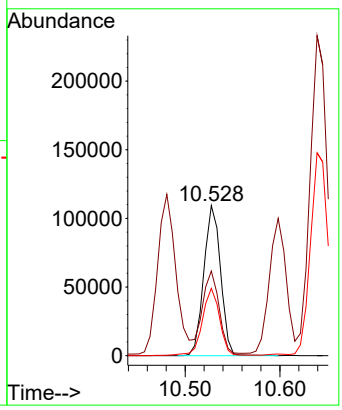


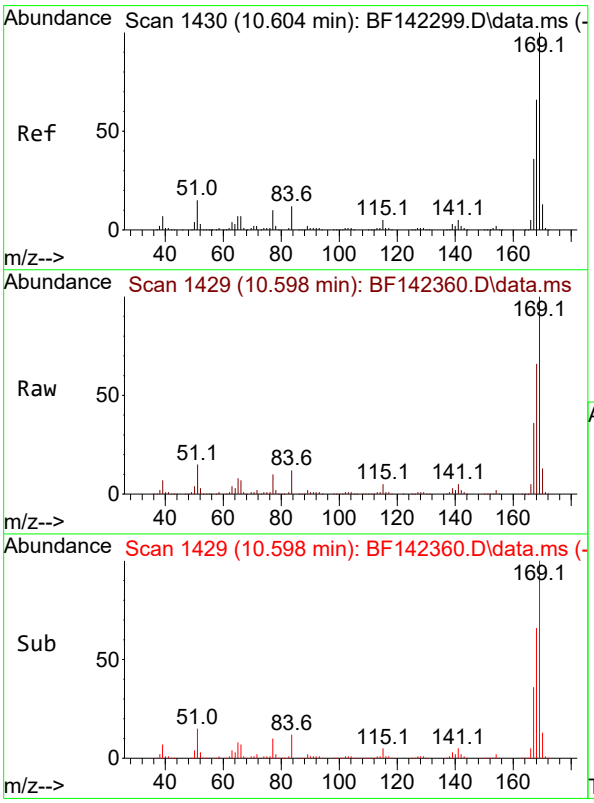
#65
4,6-Dinitro-2-methylphenol
Concen: 45.648 ng
RT: 10.528 min Scan# 14
Delta R.T. -0.005 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

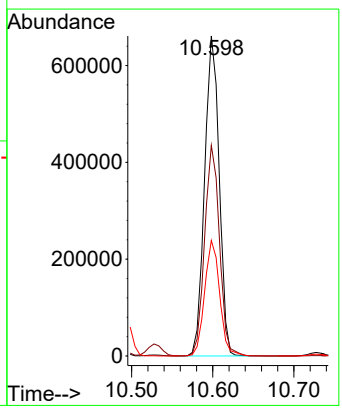


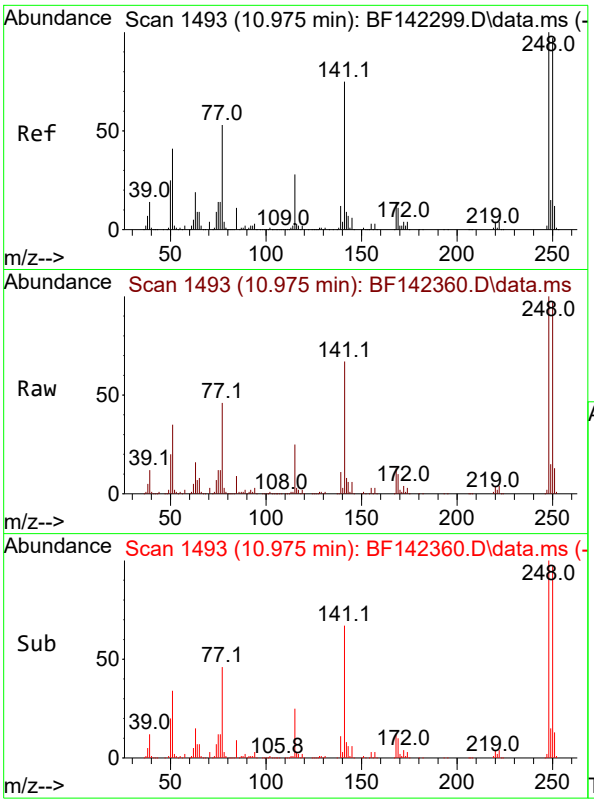


#66
n-Nitrosodiphenylamine
Concen: 38.913 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



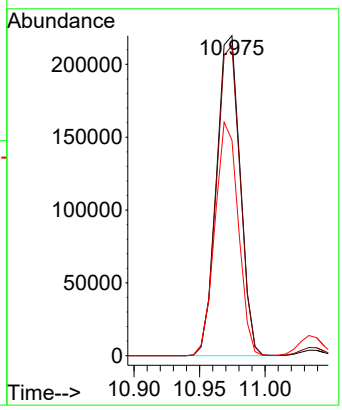


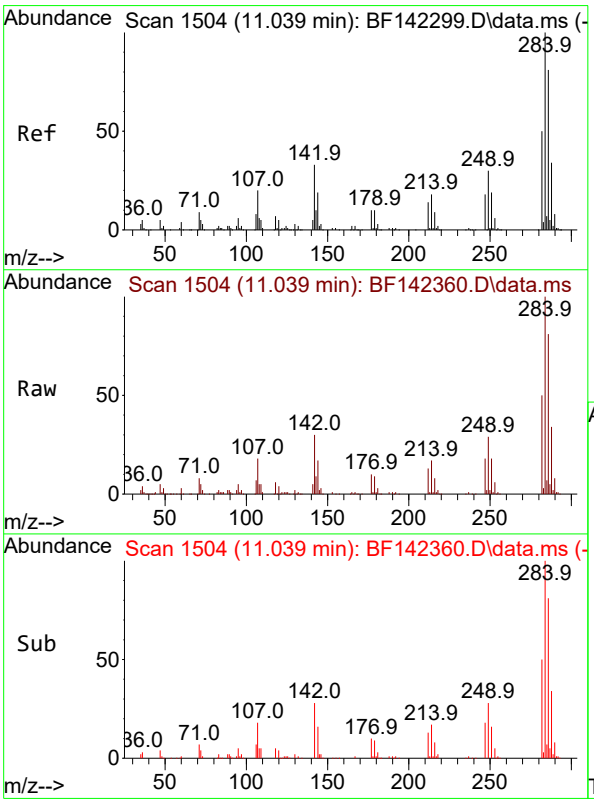
#67
4-Bromophenyl-phenylether
Concen: 38.384 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

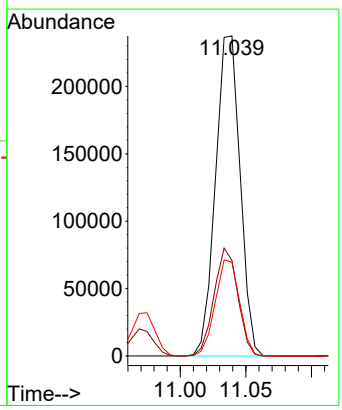


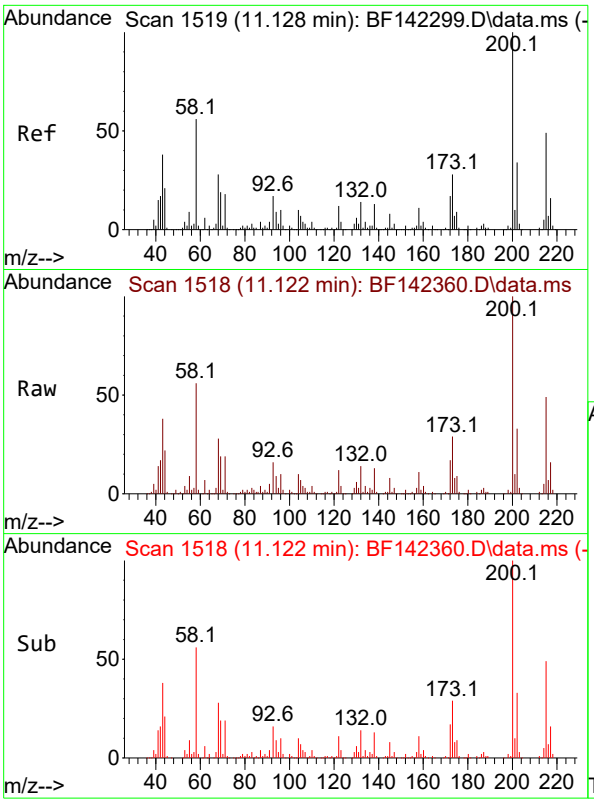


#68
Hexachlorobenzene
Concen: 39.066 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



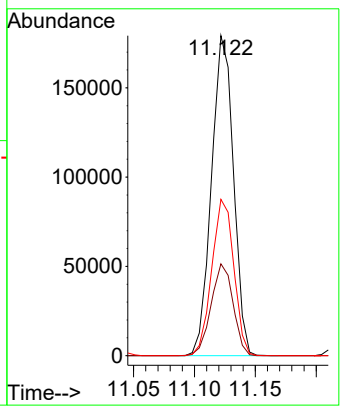


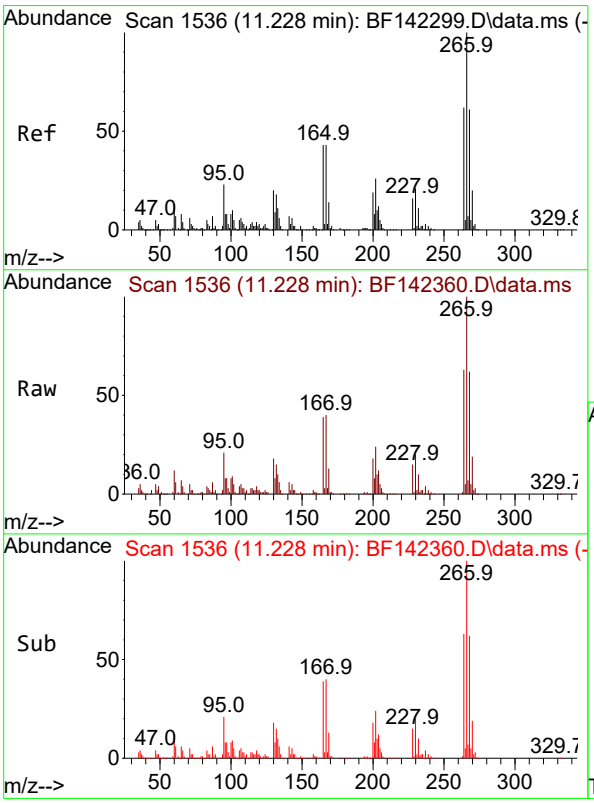
#69
Atrazine
Concen: 40.358 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

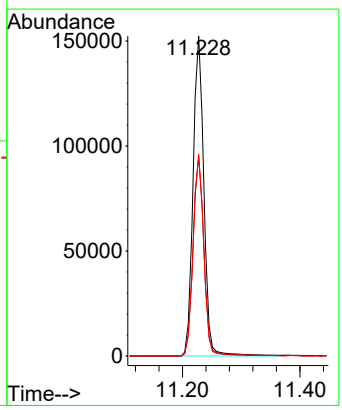


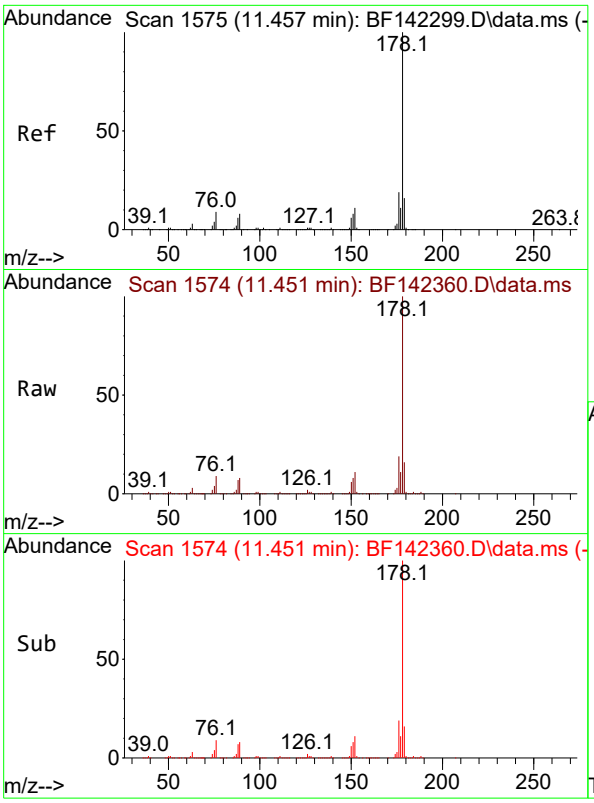


#70
Pentachlorophenol
Concen: 46.767 ng
RT: 11.228 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



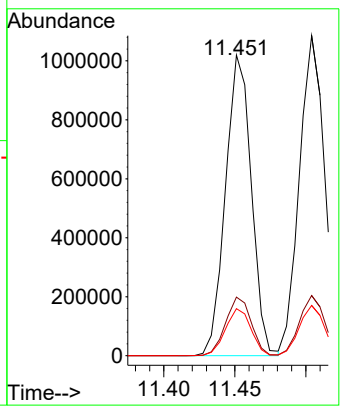


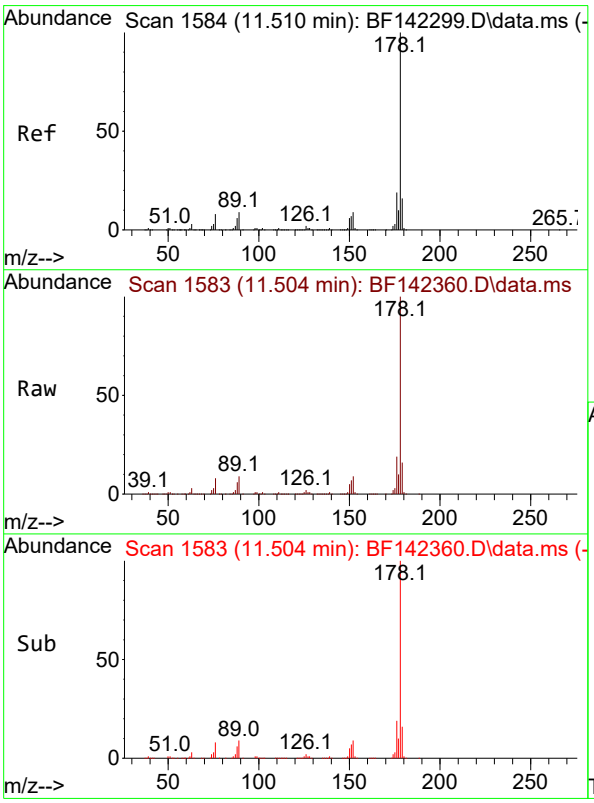
#71
Phenanthrene
Concen: 38.872 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

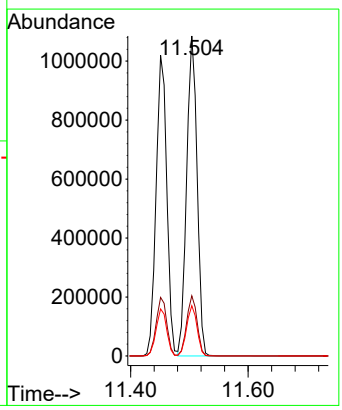


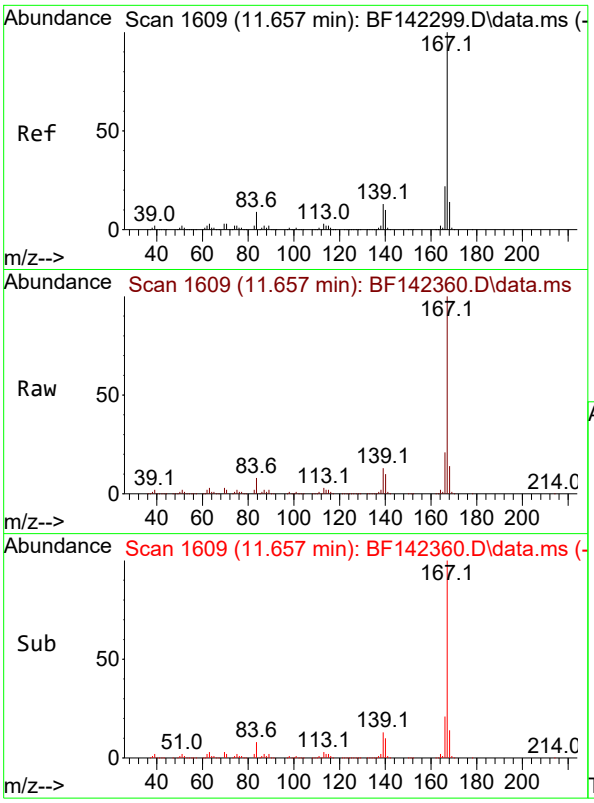


#72
Anthracene
Concen: 39.165 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



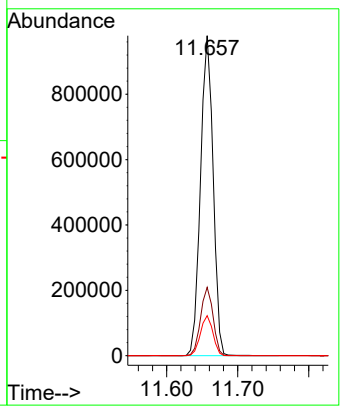


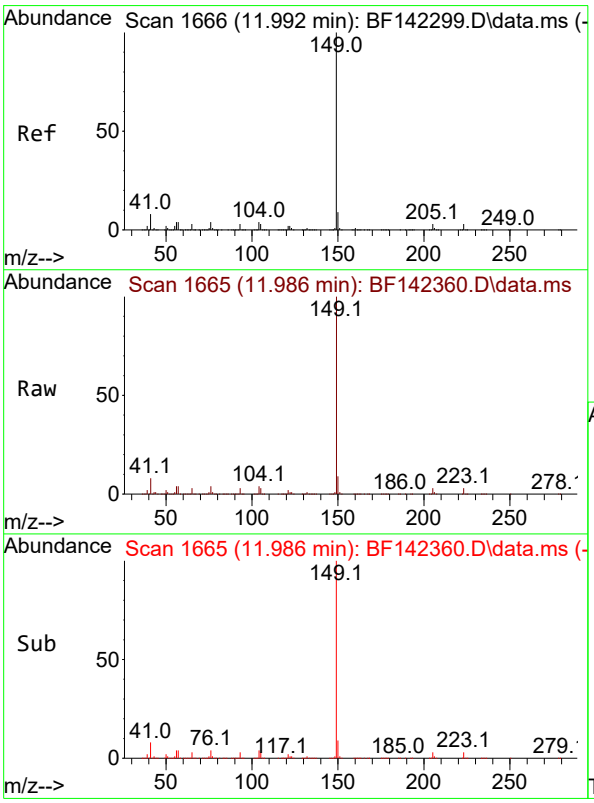
#73
Carbazole
Concen: 39.491 ng
RT: 11.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

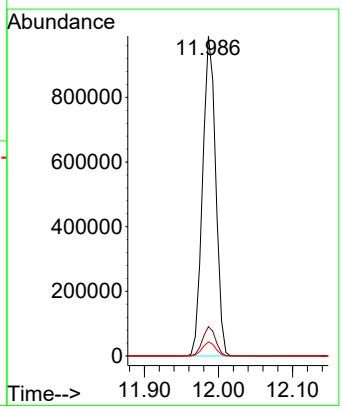


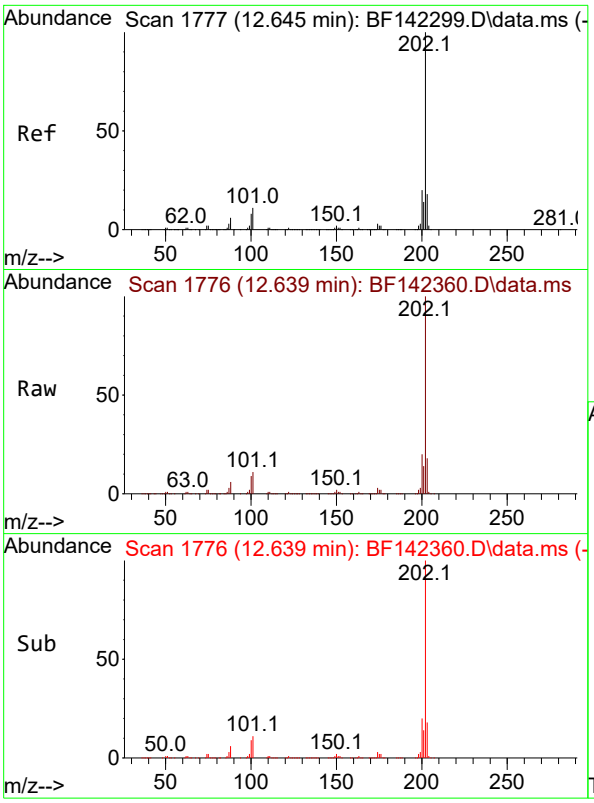


#74
Di-n-butylphthalate
Concen: 37.506 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



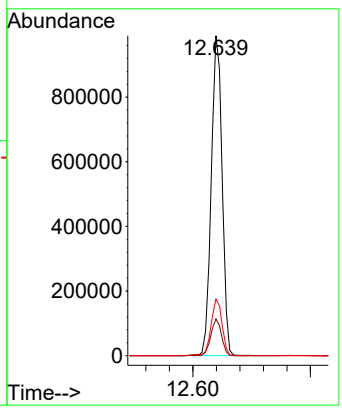


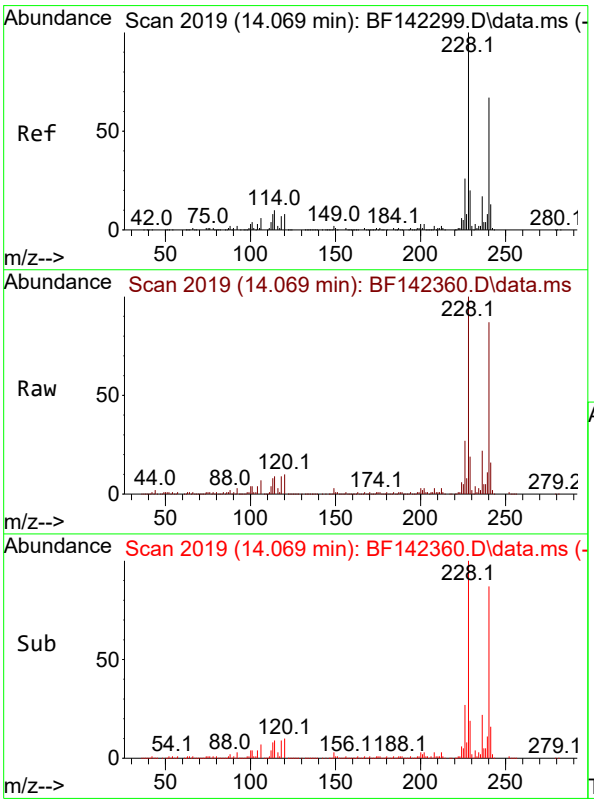
#75
Fluoranthene
Concen: 38.060 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

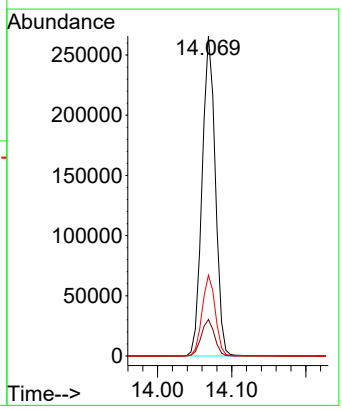


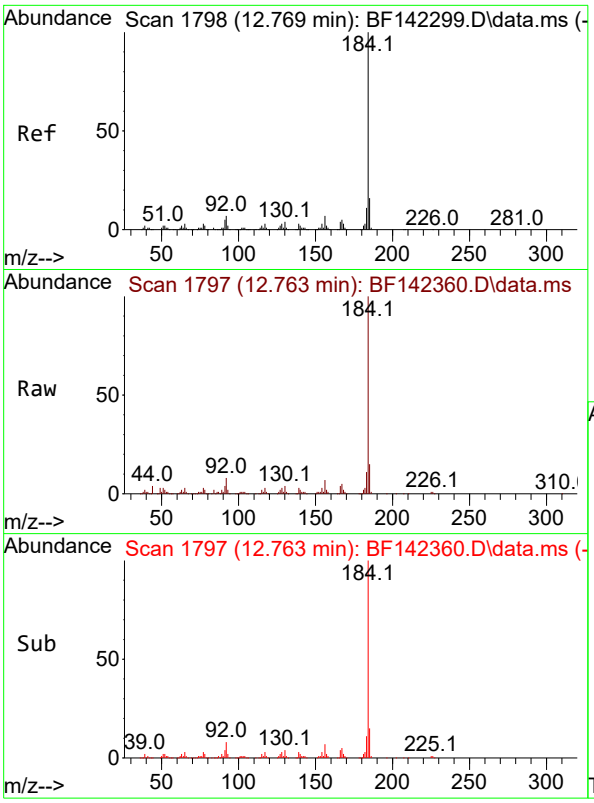


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



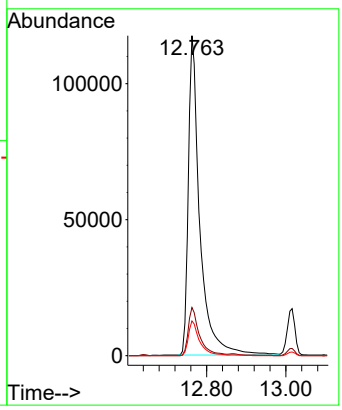


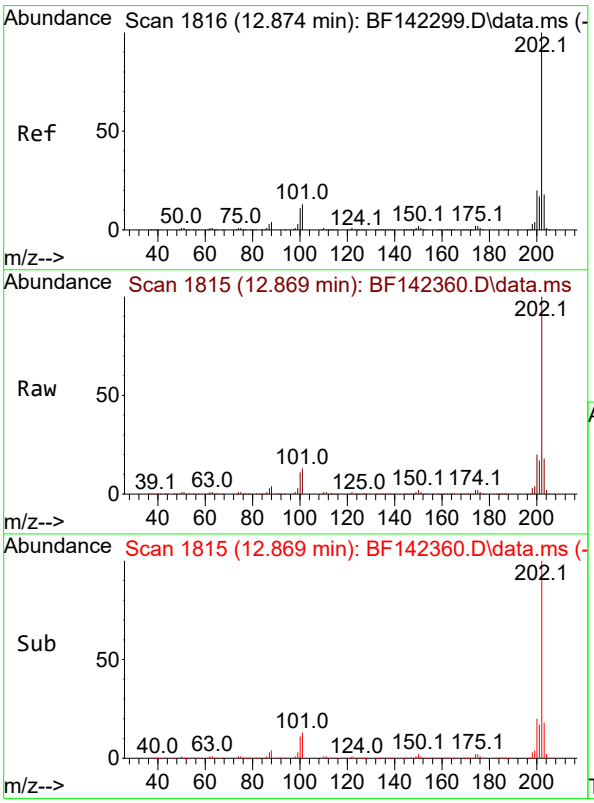
#77
Benzidine
Concen: 39.461 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

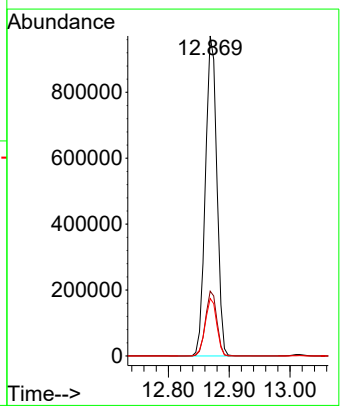


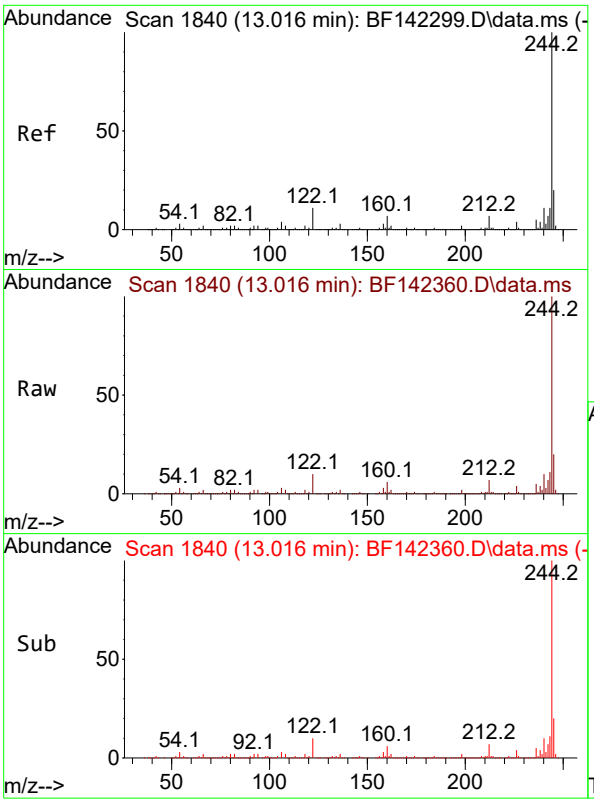


#78
Pyrene
Concen: 43.147 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



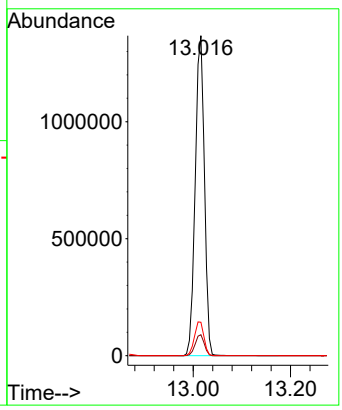


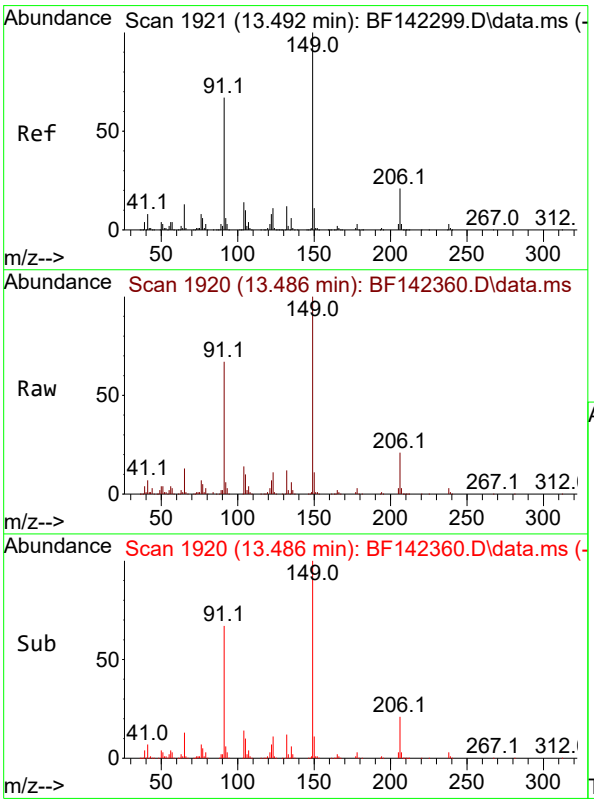
#79
Terphenyl-d14
Concen: 80.841 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

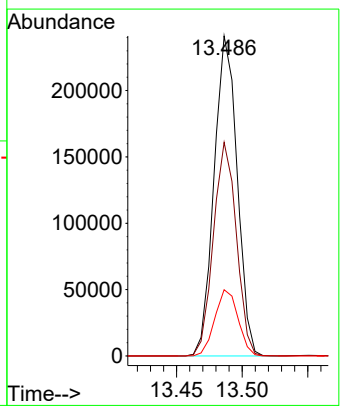


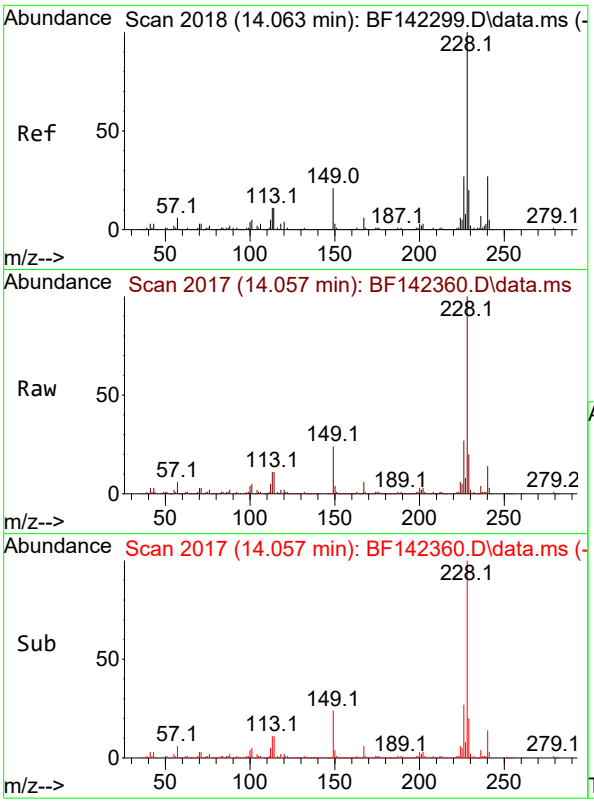


#80
Butylbenzylphthalate
Concen: 35.521 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



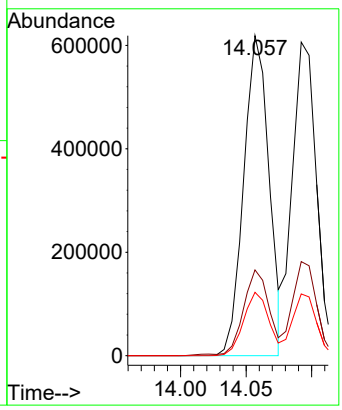


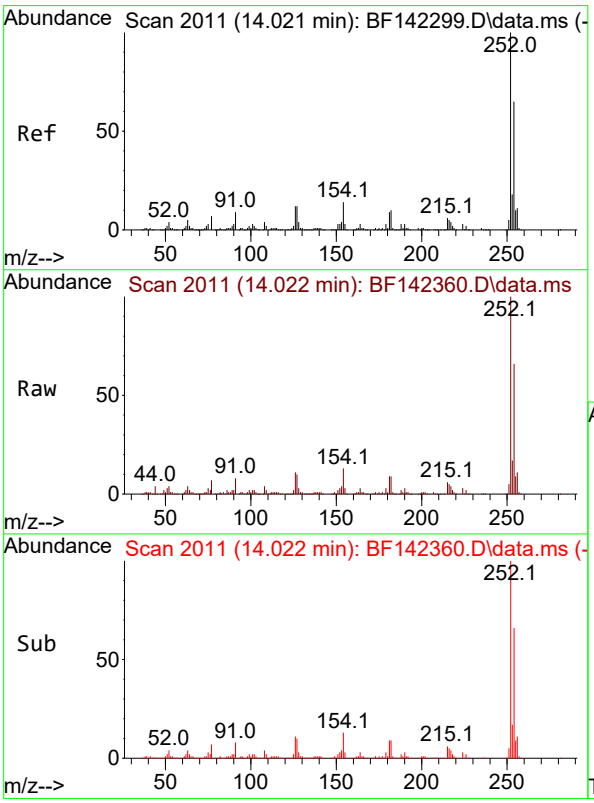
#81
Benzo(a)anthracene
Concen: 38.933 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

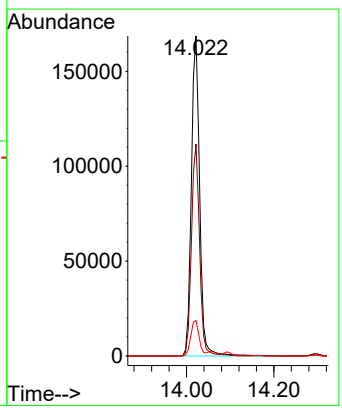


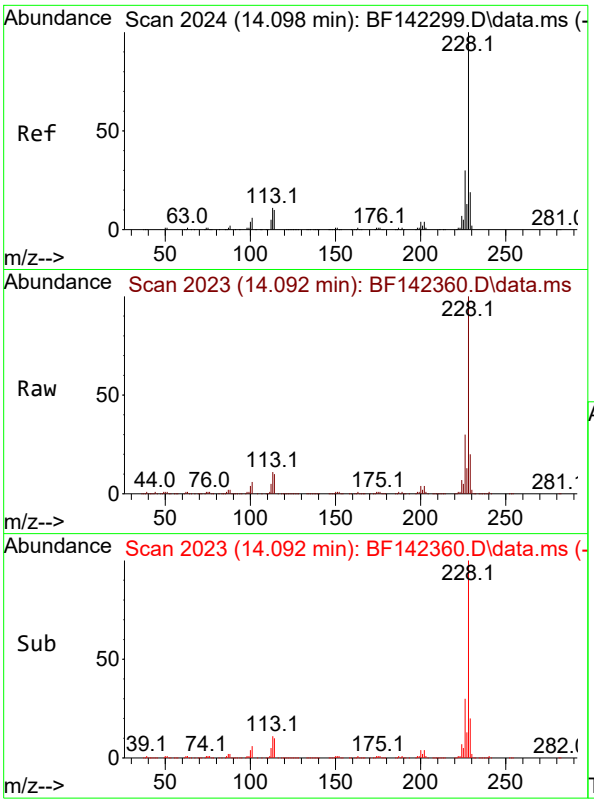


#82
3,3'-Dichlorobenzidine
Concen: 44.798 ng
RT: 14.022 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



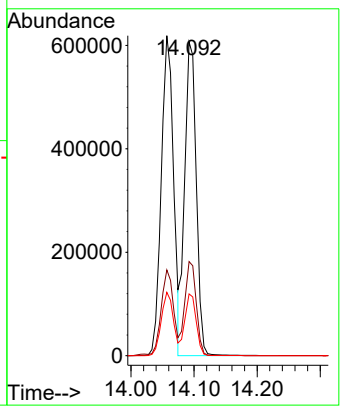


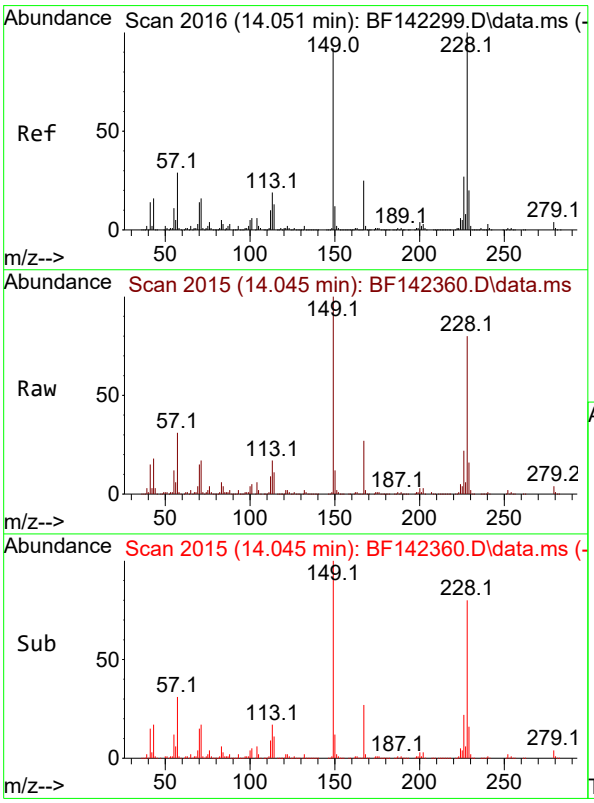
#83
Chrysene
Concen: 39.029 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

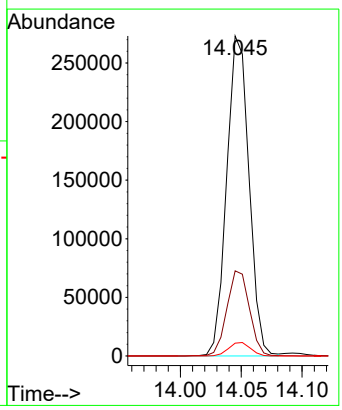


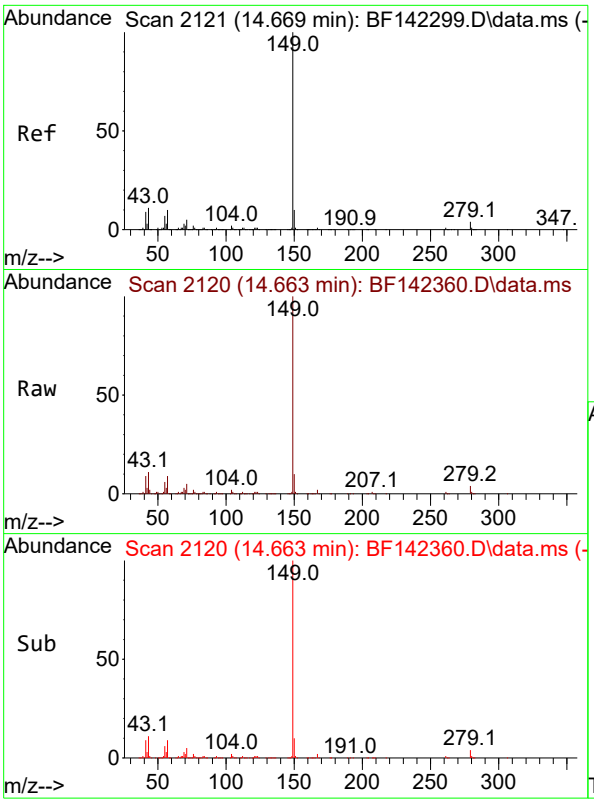


#84
Bis(2-ethylhexyl)phthalate
Concen: 32.669 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



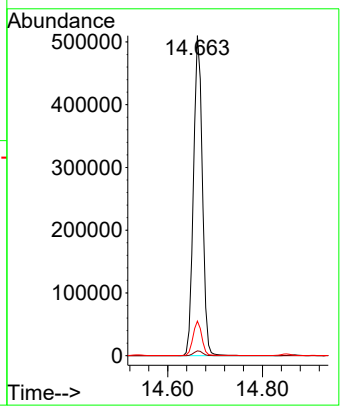


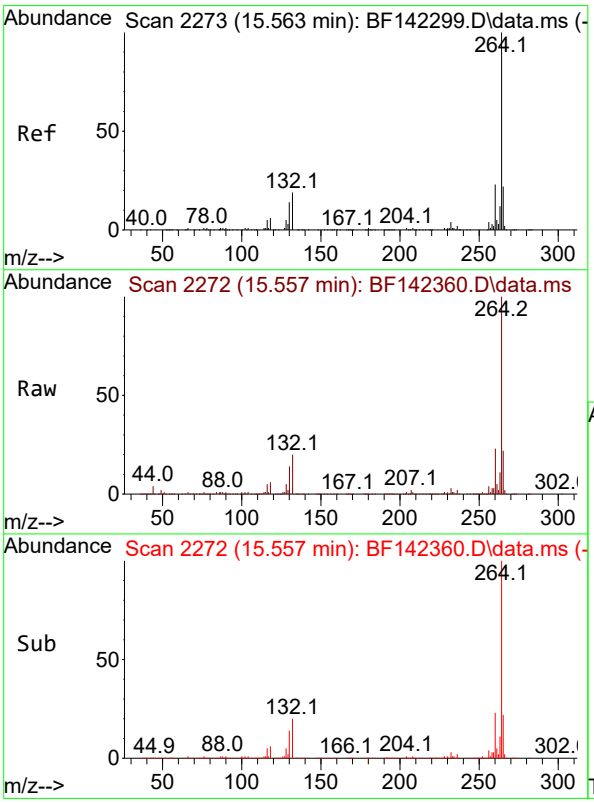
#85
Di-n-octyl phthalate
Concen: 35.330 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

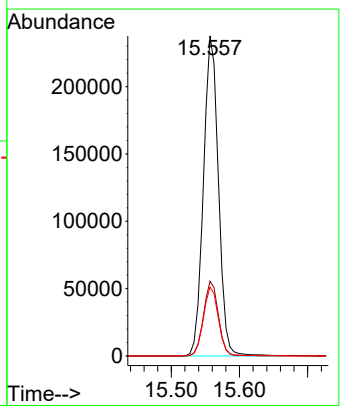


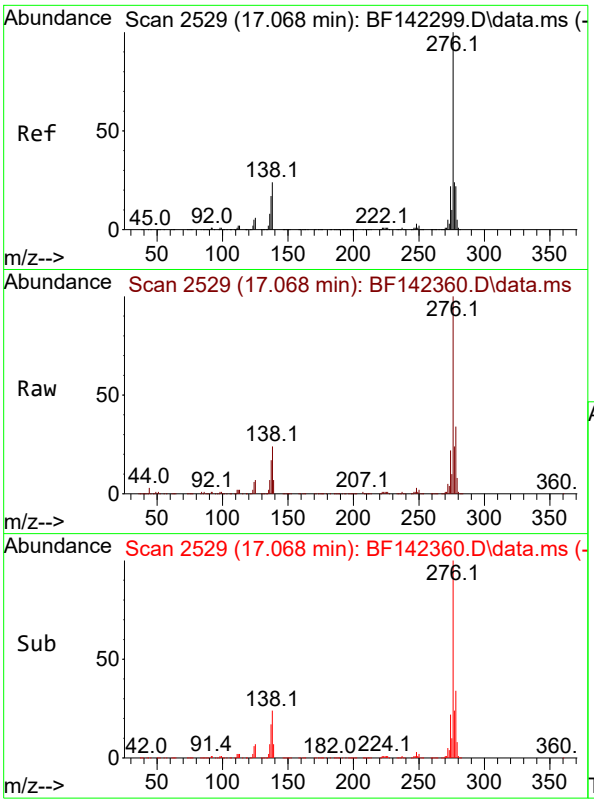


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



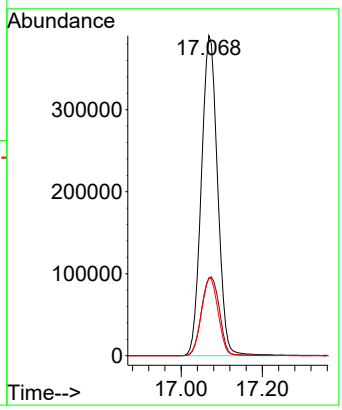


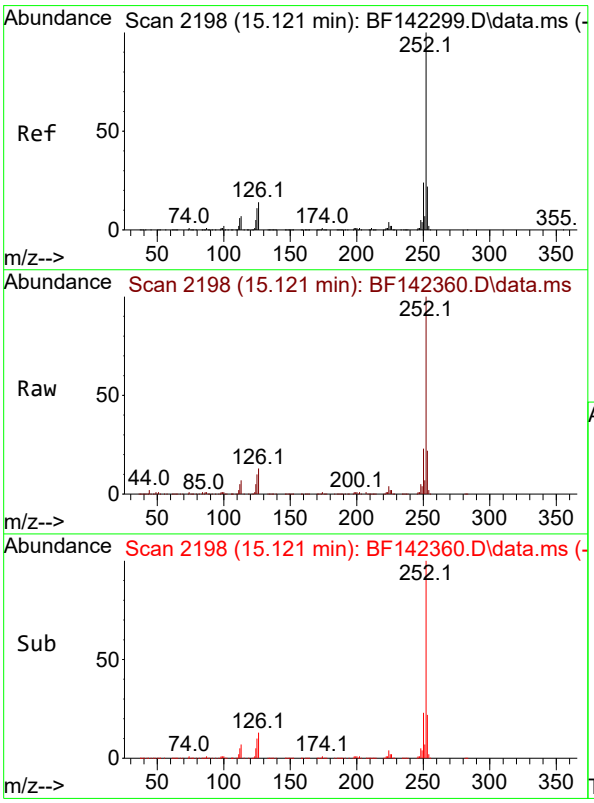
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.686 ng
RT: 17.068 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

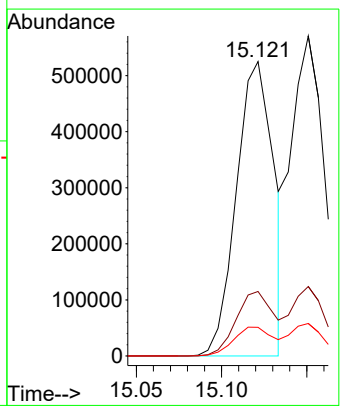


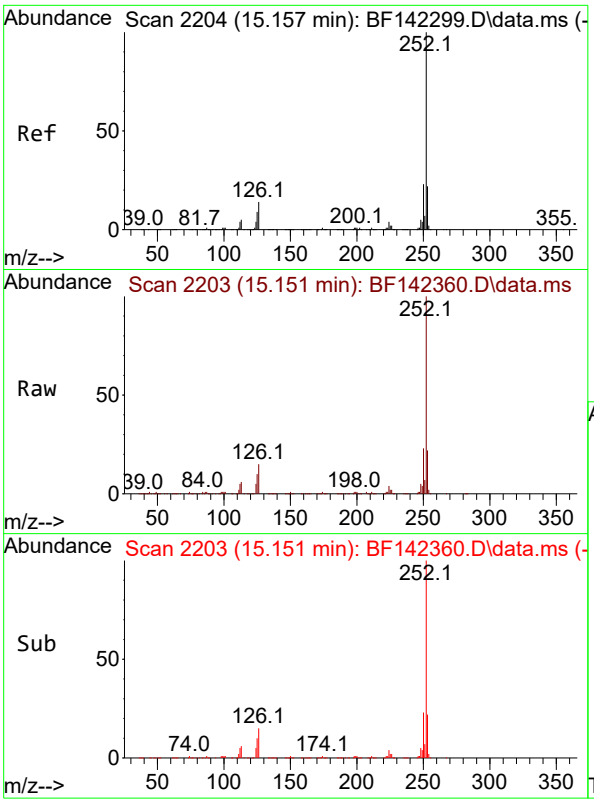


#88
Benzo(b)fluoranthene
Concen: 36.192 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



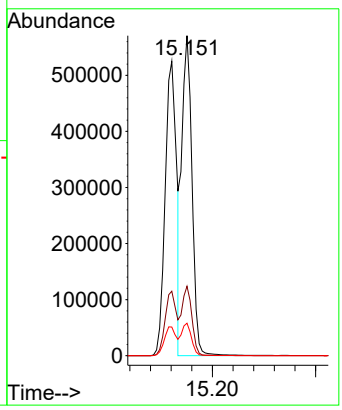


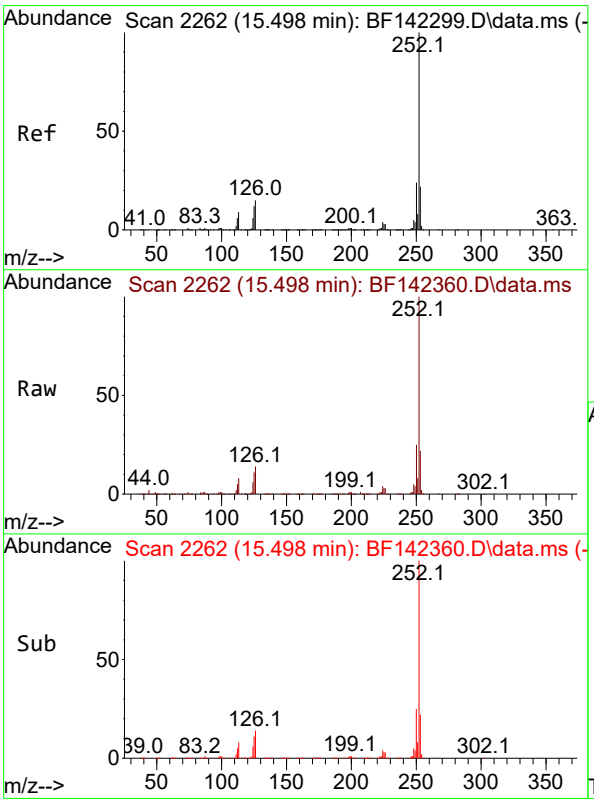
#89
Benzo(k)fluoranthene
Concen: 38.972 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

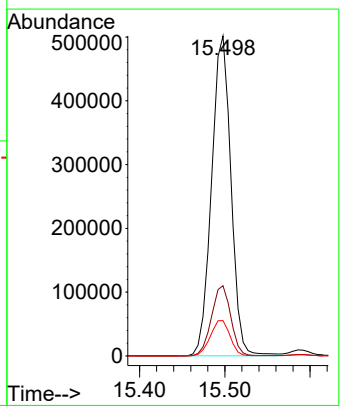


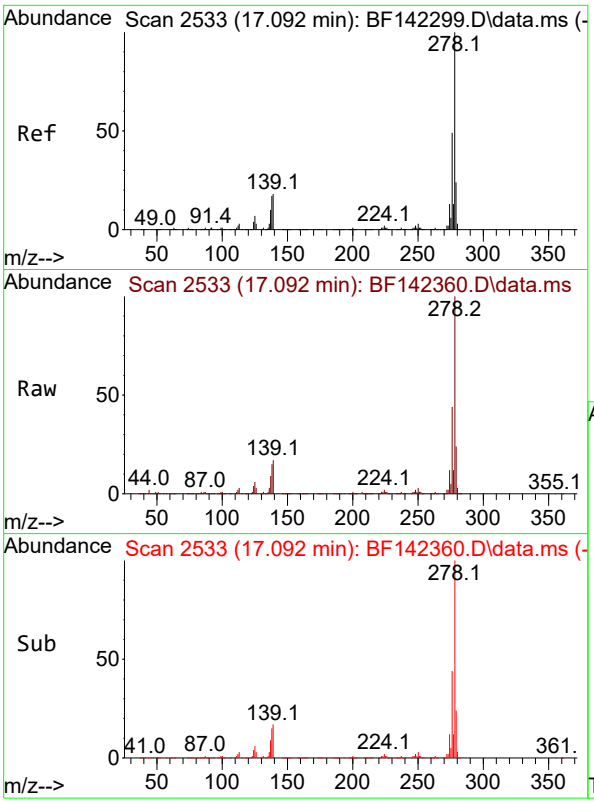


#90
Benzo(a)pyrene
Concen: 40.215 ng
RT: 15.498 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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



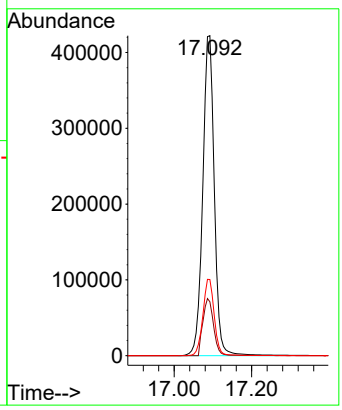


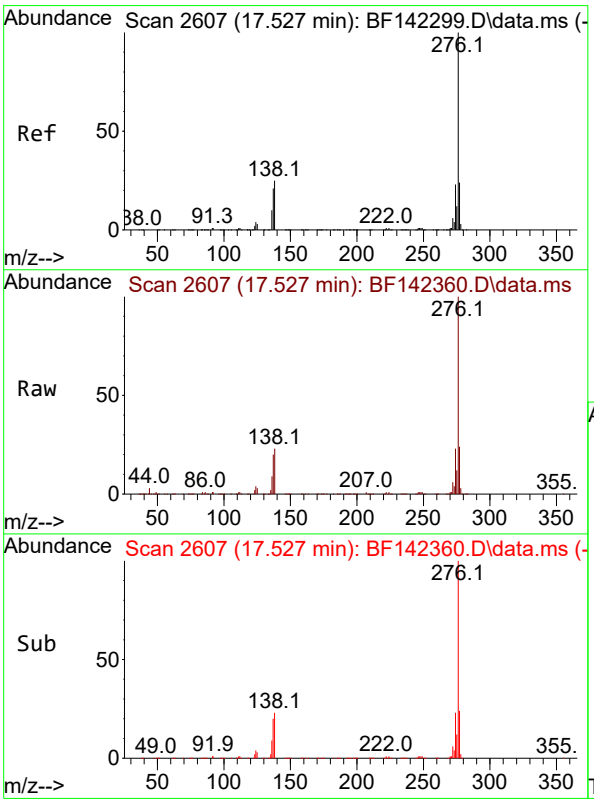
#91
Dibenzo(a,h)anthracene
Concen: 41.887 ng
RT: 17.092 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

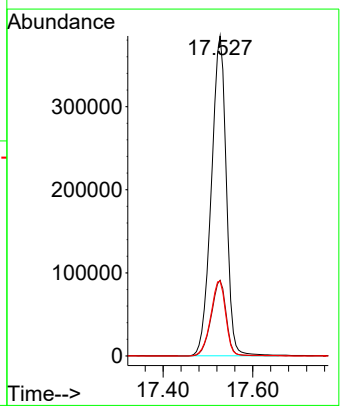




#92
Benzo(g,h,i)perylene
Concen: 42.938 ng
RT: 17.527 min Scan# 2607
Delta R.T. 0.000 min
Lab File: BF142360.D
Acq: 14 May 2025 12:19

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

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: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG No.: Q2001

Instrument ID: BNA_F Calibration Date/Time: 05/19/2025 10:09

Lab File ID: BF142441.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
Pyridine	1.239	1.321		6.6	
2-Fluorophenol	1.172	1.227		4.7	
Phenol-d6	1.441	1.481		2.8	
1,4-Dichlorobenzene	1.438	1.494		3.9	20.0
2-Methylphenol	1.014	1.039		2.5	
3+4-Methylphenols	1.265	1.317		4.1	
Nitrobenzene-d5	0.328	0.377		14.9	
Hexachloroethane	0.478	0.514		7.5	
Nitrobenzene	0.309	0.344		11.3	
Hexachlorobutadiene	0.177	0.193		9.0	20.0
2,4,6-Trichlorophenol	0.352	0.404		14.8	20.0
2-Fluorobiphenyl	1.403	1.407		0.3	
2,4,5-Trichlorophenol	0.375	0.421		12.3	
2,4-Dinitrotoluene	0.308	0.400		29.9	
2,4,6-Tribromophenol	0.193	0.230		19.2	
Hexachlorobenzene	0.249	0.263		5.6	
Pentachlorophenol	0.131	0.159		21.4	20.0
Terphenyl-d14	1.351	1.382		2.3	

All other compounds must meet a minimum RRF of 0.010.

Sample Results: **BF142441.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142441.D
Acq On : 19 May 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 19 10:33:14 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	140943	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	537518	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	282968	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	485793	20.000	ng	0.00
76) Chrysene-d12	14.068	240	261281	20.000	ng	0.00
86) Perylene-d12	15.557	264	285078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	691612	83.767	ng	0.00
7) Phenol-d6	6.528	99	835018	82.229	ng	0.00
23) Nitrobenzene-d5	7.469	82	809605	91.858	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	260814	95.466	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1592797	80.261	ng	0.00
79) Terphenyl-d14	13.010	244	1444134	81.807	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	144260	38.800	ng	98
3) Pyridine	3.451	79	372435	42.665	ng	97
4) n-Nitrosodimethylamine	3.404	42	191012	37.650	ng	93
6) Aniline	6.563	93	565664	56.792	ng	100
8) 2-Chlorophenol	6.687	128	380141	43.086	ng	98
9) Benzaldehyde	6.451	77	237542	39.968	ng	100
10) Phenol	6.539	94	482025	44.781	ng	96
11) bis(2-Chloroethyl)ether	6.639	93	340196	32.049	ng	97
12) 1,3-Dichlorobenzene	6.845	146	415545	41.168	ng	98
13) 1,4-Dichlorobenzene	6.922	146	421036	41.544	ng	99
14) 1,2-Dichlorobenzene	7.075	146	398761	40.991	ng	99
15) Benzyl Alcohol	7.039	79	304959	46.378	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	575521	36.307	ng	98
17) 2-Methylphenol	7.151	107	292856	40.999	ng	99
18) Hexachloroethane	7.416	117	144905	42.973	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	242886	38.668	ng	97
20) 3+4-Methylphenols	7.304	107	371253	41.645	ng	95
22) Acetophenone	7.310	105	480166	40.176	ng	95
24) Nitrobenzene	7.486	77	370305	44.572	ng	98
25) Isophorone	7.722	82	660518	39.576	ng	99
26) 2-Nitrophenol	7.798	139	199790	49.731	ng	99
27) 2,4-Dimethylphenol	7.834	122	348428	41.523	ng	98
28) bis(2-Chloroethoxy)met...	7.934	93	411744	38.366	ng	100
29) 2,4-Dichlorophenol	8.039	162	314216	44.045	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	338179	42.121	ng	99
31) Naphthalene	8.210	128	1066592	40.942	ng	100
32) Benzoic acid	7.939	122	213916	47.644	ng	99
33) 4-Chloroaniline	8.251	127	435130	40.933	ng	99
34) Hexachlorobutadiene	8.328	225	207500	43.646	ng	99
35) Caprolactam	8.622	113	94170	45.292	ng	90
36) 4-Chloro-3-methylphenol	8.728	107	313232	42.238	ng	98
37) 2-Methylnaphthalene	8.898	142	657251	40.602	ng	99
38) 1-Methylnaphthalene	8.998	142	680639	40.341	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	330821	41.860	ng	99
41) Hexachlorocyclopentadiene	9.051	237	231391	47.375	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	228513	45.840	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142441.D
Acq On : 19 May 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 19 10:33:14 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

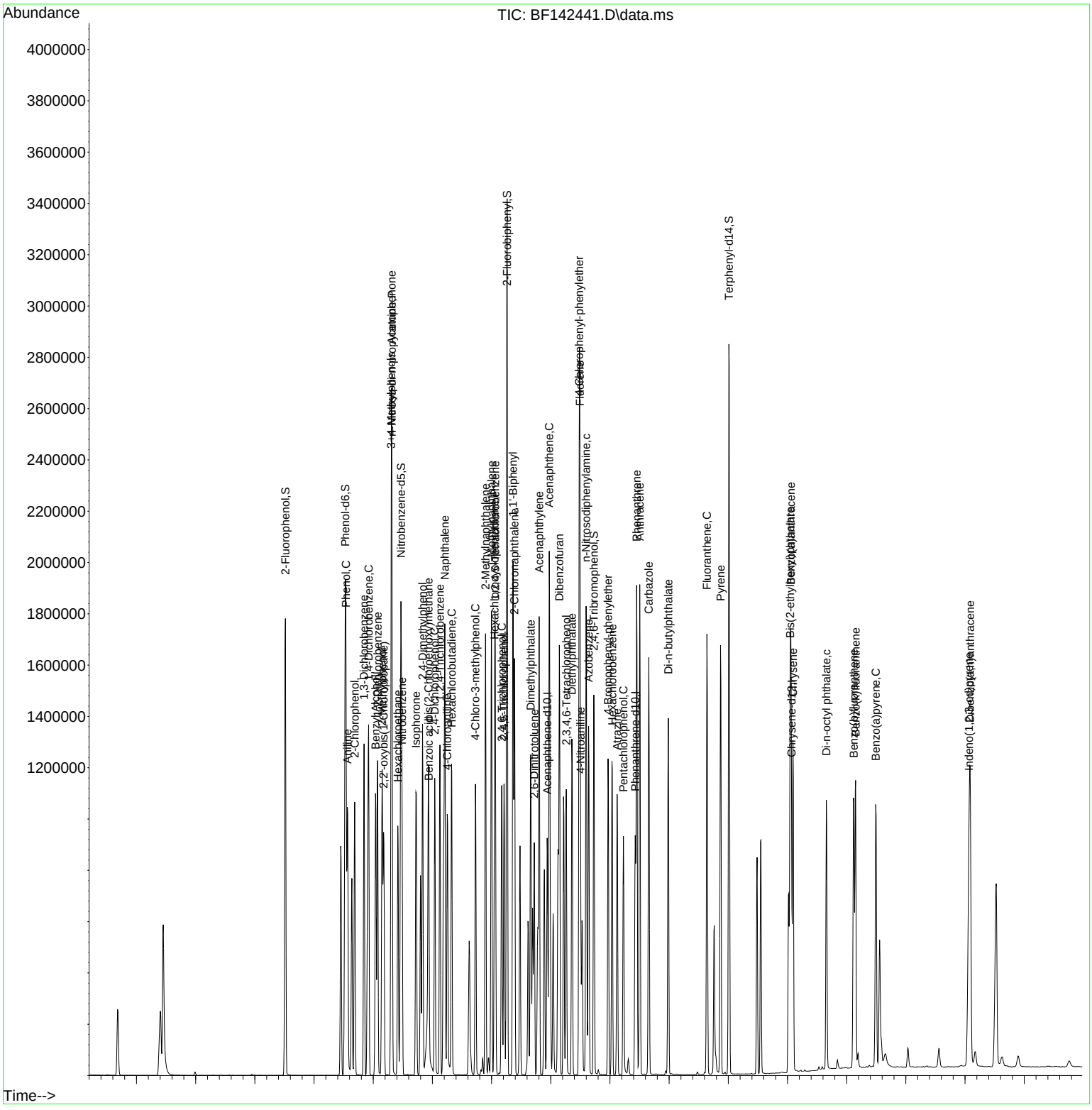
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	238350	44.937	ng		99
46) 1,1'-Biphenyl	9.363	154	877251	40.433	ng		99
47) 2-Chloronaphthalene	9.386	162	656341	40.678	ng		99
48) 2-Nitroaniline	9.480	65	199891	48.333	ng		93
49) Acenaphthylene	9.804	152	1099351	40.729	ng		100
50) Dimethylphthalate	9.663	163	752233	41.399	ng		99
51) 2,6-Dinitrotoluene	9.722	165	167128	49.139	ng		89
52) Acenaphthene	9.975	154	671611	41.382	ng		99
53) 3-Nitroaniline	9.892	138	189323	47.463	ng		93
54) 2,4-Dinitrophenol	9.992	184	88739	52.757	ng	#	24
55) Dibenzofuran	10.145	168	963600	40.230	ng		99
56) 4-Nitrophenol	10.039	139	146490	48.796	ng		98
57) 2,4-Dinitrotoluene	10.122	165	226288	51.869	ng		95
58) Fluorene	10.492	166	728683	39.864	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	200767	45.852	ng		98
60) Diethylphthalate	10.357	149	724798	39.943	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	353762	40.114	ng		99
62) 4-Nitroaniline	10.504	138	171811	54.345	ng		99
63) Azobenzene	10.639	77	664469	38.321	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	116161	50.803	ng		92
66) n-Nitrosodiphenylamine	10.598	169	646688	40.005	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	226238	41.092	ng		99
68) Hexachlorobenzene	11.039	284	255524	42.193	ng		94
69) Atrazine	11.122	200	185714	43.582	ng		99
70) Pentachlorophenol	11.227	266	154590	48.523	ng		97
71) Phenanthrene	11.451	178	1023301	40.186	ng		99
72) Anthracene	11.504	178	1061876	40.585	ng		99
73) Carbazole	11.657	167	944127	40.221	ng		99
74) Di-n-butylphthalate	11.986	149	994577	40.294	ng		99
75) Fluoranthene	12.639	202	1000110	39.290	ng		99
77) Benzidine	12.763	184	369422	77.802	ng		98
78) Pyrene	12.868	202	997434	42.888	ng		100
80) Butylbenzylphthalate	13.486	149	280970	41.901	ng		97
81) Benzo(a)anthracene	14.057	228	700998	41.428	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	224828	57.136	ng		99
83) Chrysene	14.092	228	648721	41.183	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	376713	43.096	ng		99
85) Di-n-octyl phthalate	14.657	149	722027	45.748	ng		97
87) Indeno(1,2,3-cd)pyrene	17.068	276	870689	43.906	ng		98
88) Benzo(b)fluoranthene	15.121	252	695598	40.287	ng		98
89) Benzo(k)fluoranthene	15.151	252	639163	40.452	ng		99
90) Benzo(a)pyrene	15.492	252	661378	42.746	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	704528	43.003	ng		98
92) Benzo(g,h,i)perylene	17.527	276	691150	42.505	ng		97

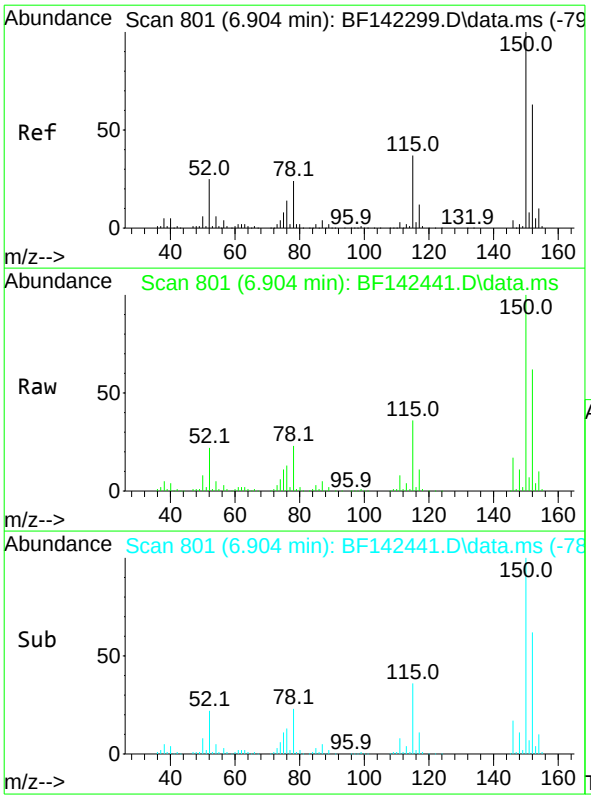
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Data File : BF142441.D
Acq On : 19 May 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 19 10:33:14 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



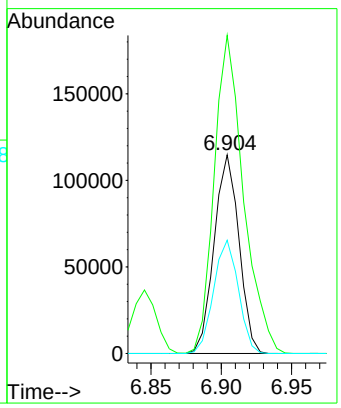


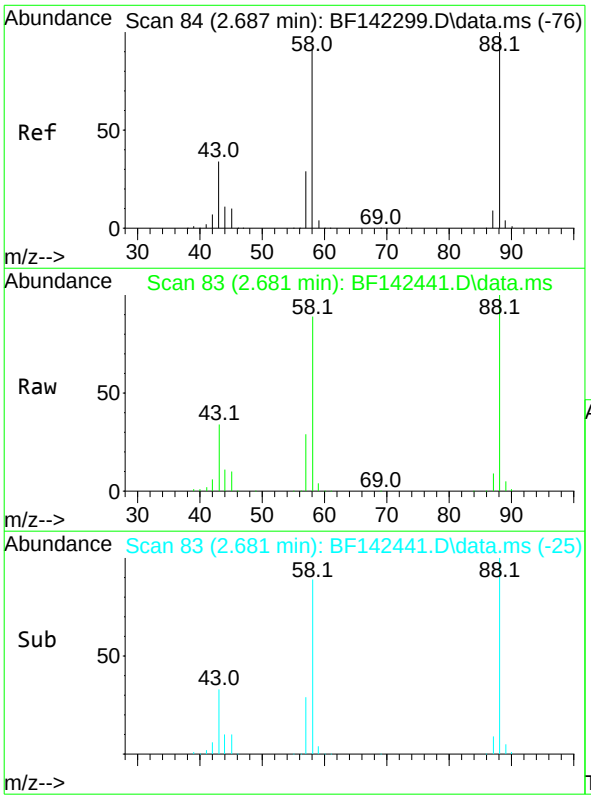
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 140943

Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.6	190.0
115	57.0	47.3	70.9

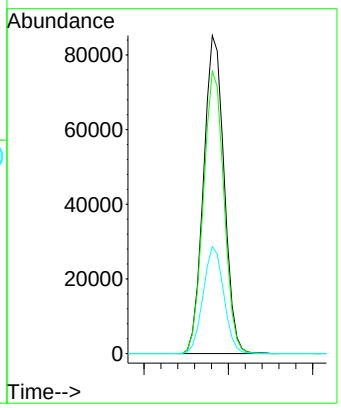


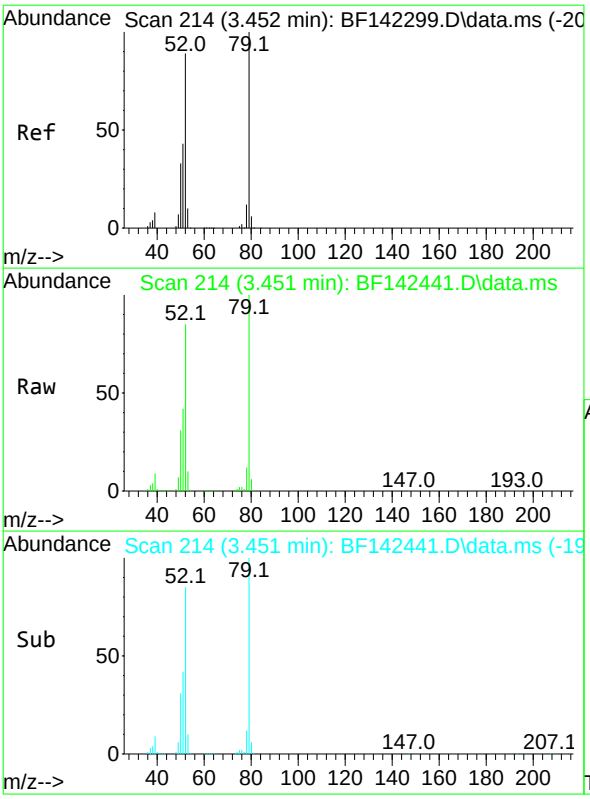


#2
1,4-Dioxane
Concen: 38.800 ng
RT: 2.681 min Scan# 83
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion: 88 Resp: 144260

Ion	Ratio	Lower	Upper
88	100		
58	88.7	73.0	109.4
43	33.8	27.8	41.6



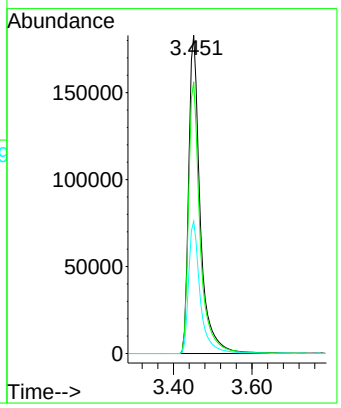


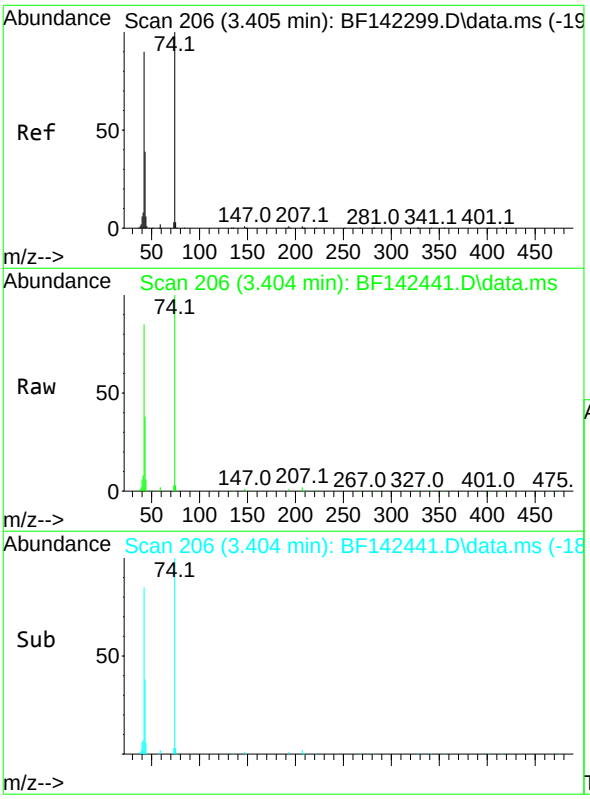
#3
Pyridine
Concen: 42.665 ng
RT: 3.451 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 372435

Ion	Ratio	Lower	Upper
79	100		
52	85.4	71.0	106.4
51	41.5	34.9	52.3

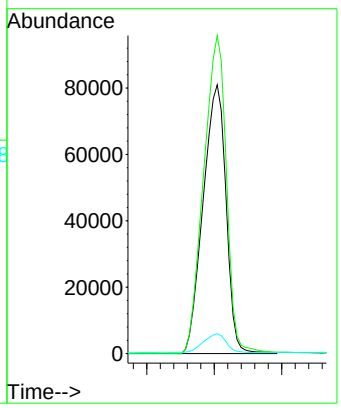


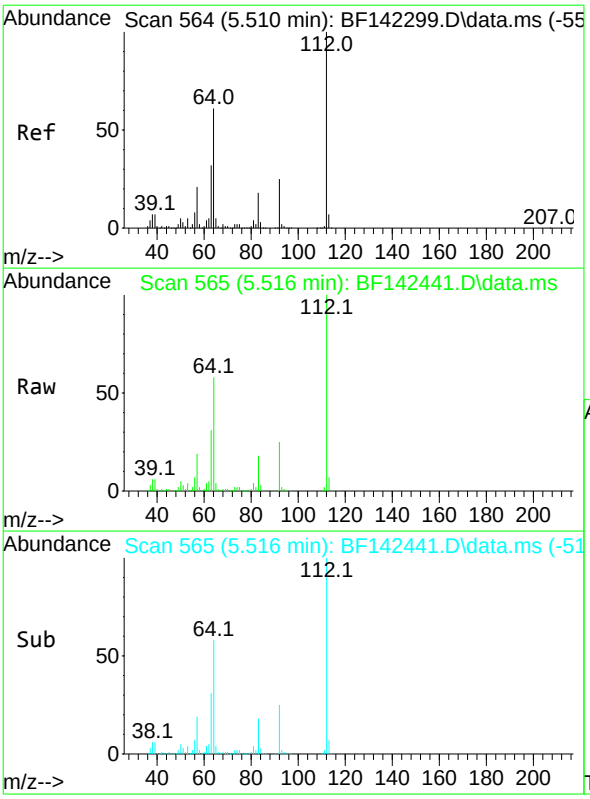


#4
n-Nitrosodimethylamine
Concen: 37.650 ng
RT: 3.404 min Scan# 206
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion: 42 Resp: 191012

Ion	Ratio	Lower	Upper
42	100		
74	118.3	88.5	132.7
44	7.4	5.8	8.8



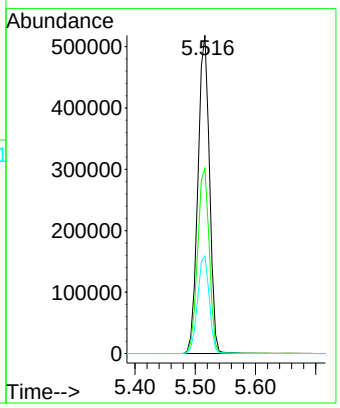


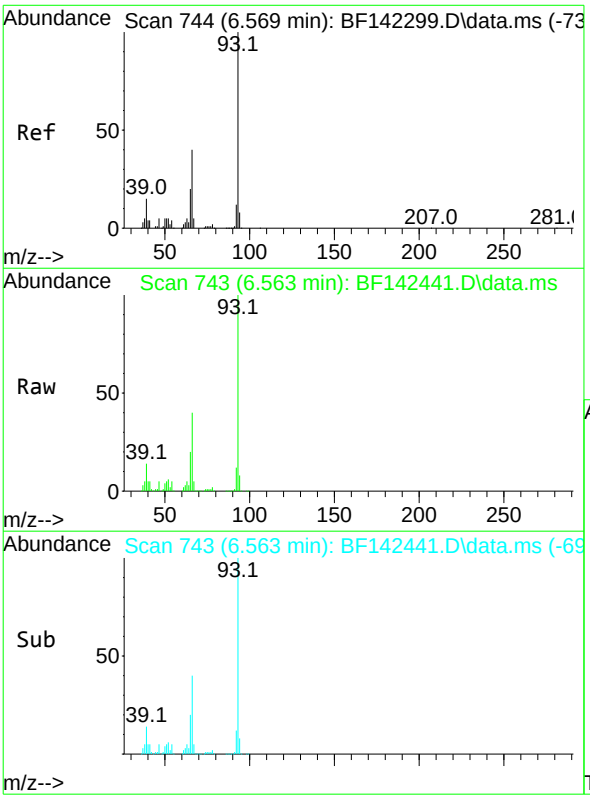
#5
2-Fluorophenol
Concen: 83.767 ng
RT: 5.516 min Scan# 56
Delta R.T. 0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 691612

Ion	Ratio	Lower	Upper
112	100		
64	58.1	48.9	73.3
63	30.6	25.6	38.4

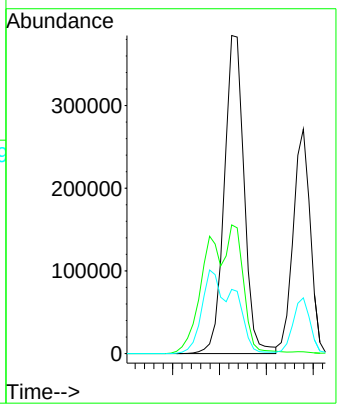


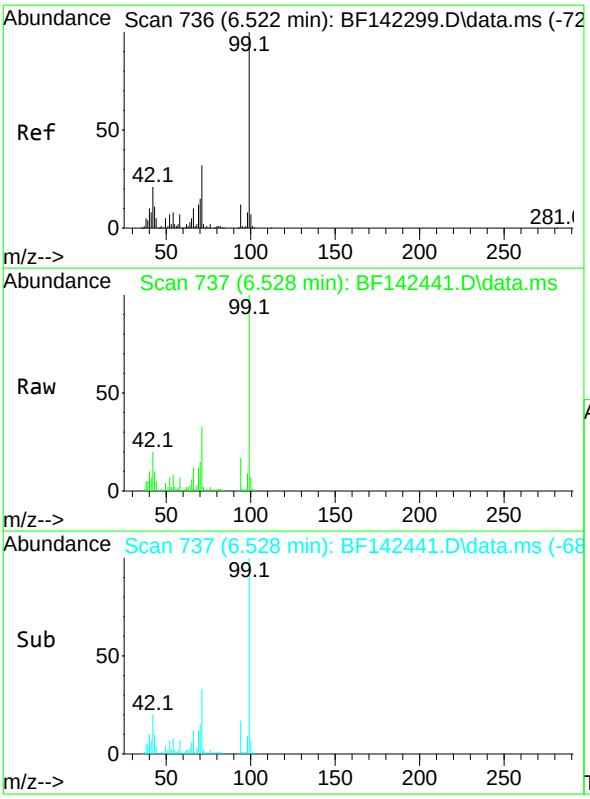


#6
Aniline
Concen: 56.792 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion: 93 Resp: 565664

Ion	Ratio	Lower	Upper
93	100		
66	40.5	32.2	48.4
65	20.2	16.3	24.5



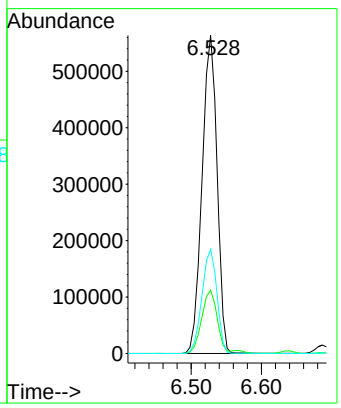


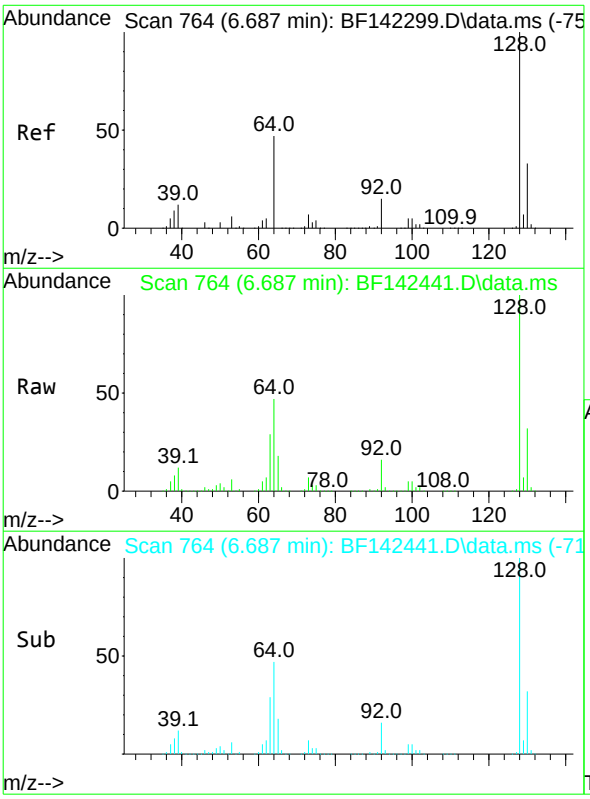
#7
Phenol-d6
Concen: 82.229 ng
RT: 6.528 min Scan# 73
Delta R.T. 0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 835018

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.0	25.4
71	32.8	25.8	38.8

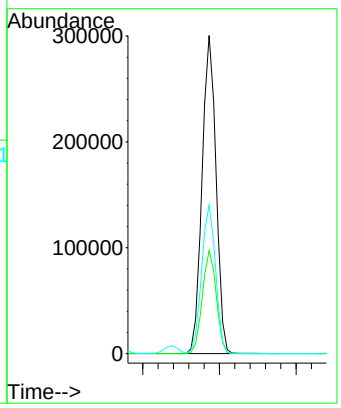


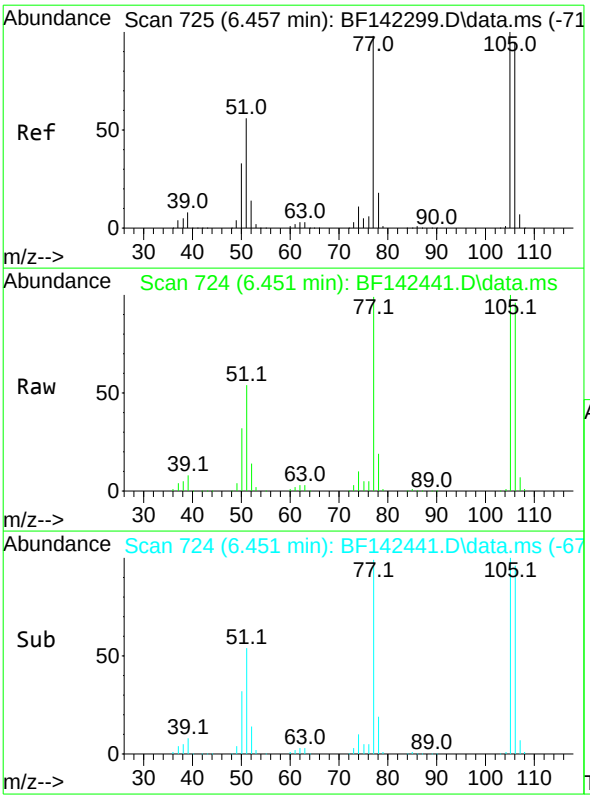


#8
2-Chlorophenol
Concen: 43.086 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:128 Resp: 380141

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.7	52.7
64	46.7	29.2	69.2



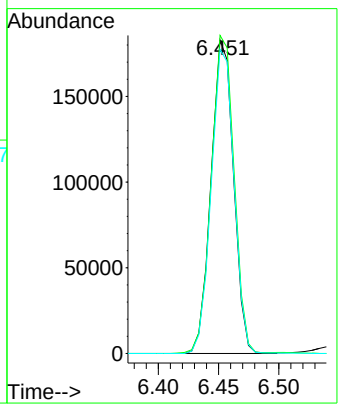


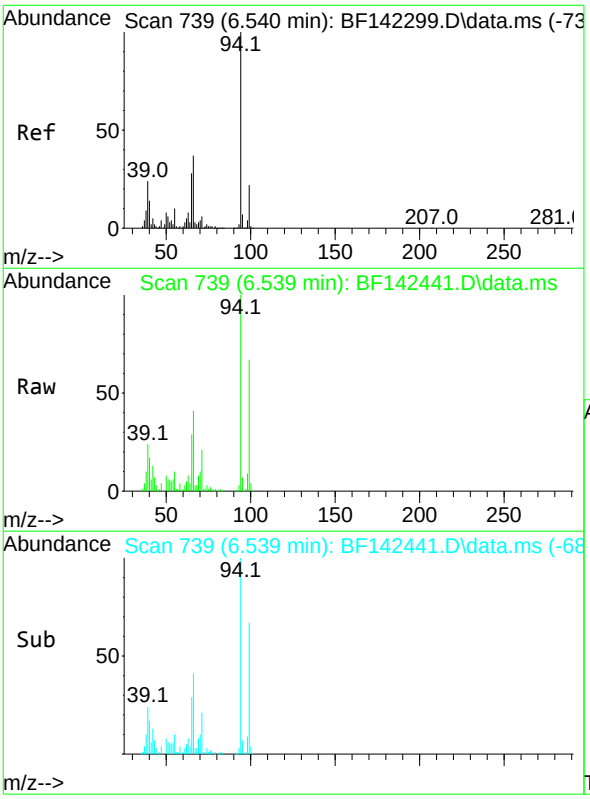
#9
Benzaldehyde
Concen: 39.968 ng
RT: 6.451 min Scan# 72
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 237542

Ion	Ratio	Lower	Upper
77	100		
105	101.5	82.0	122.0
106	97.1	77.2	117.2

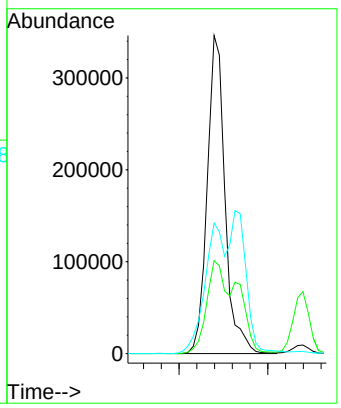


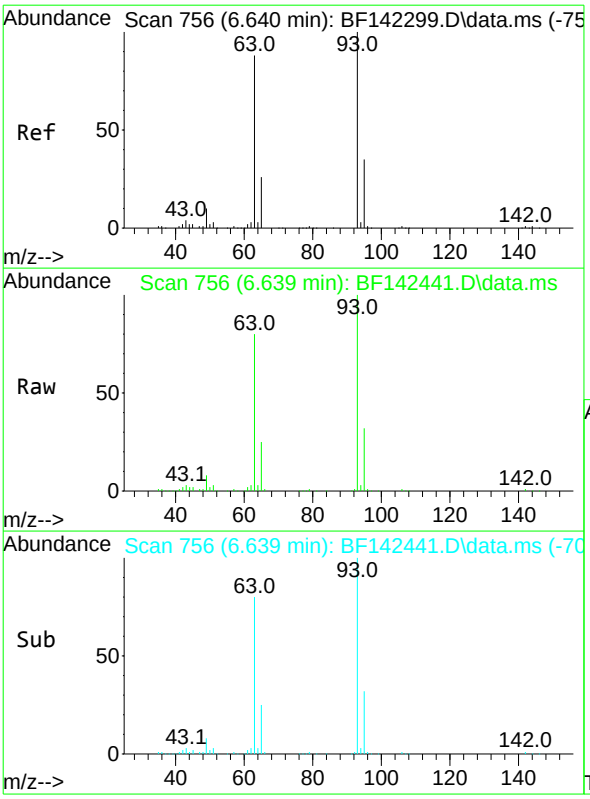


#10
Phenol
Concen: 44.781 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion: 94 Resp: 482025

Ion	Ratio	Lower	Upper
94	100		
65	29.2	8.5	48.5
66	41.0	17.3	57.3



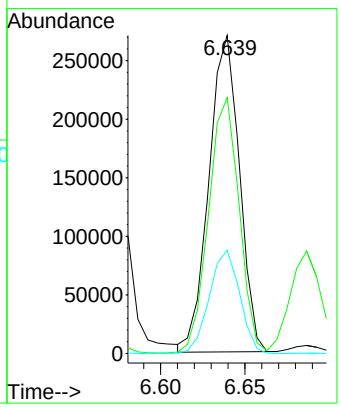


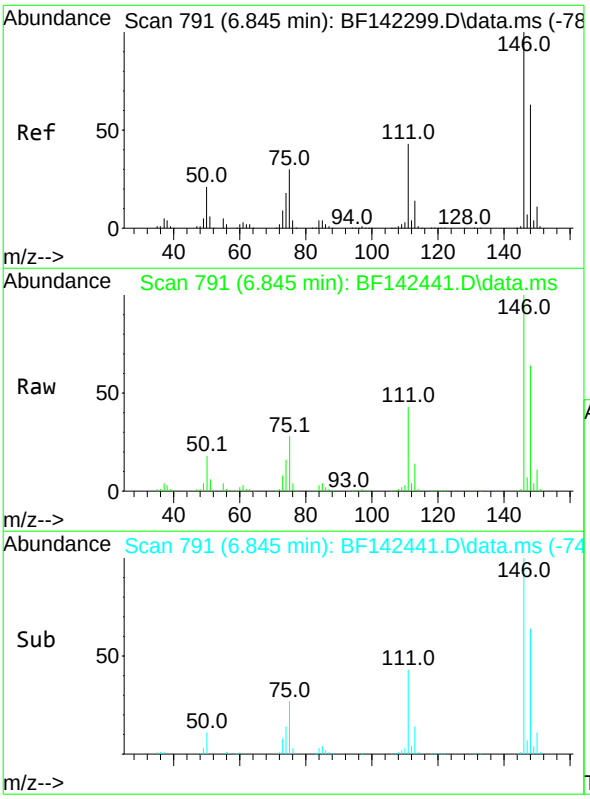
#11
bis(2-Chloroethyl)ether
Concen: 32.049 ng
RT: 6.639 min Scan# 75
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 340196

Ion	Ratio	Lower	Upper
93	100		
63	80.5	58.4	98.4
95	32.5	10.6	50.6

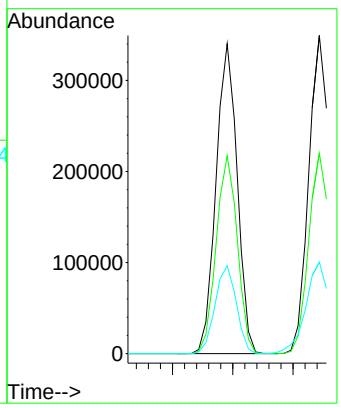


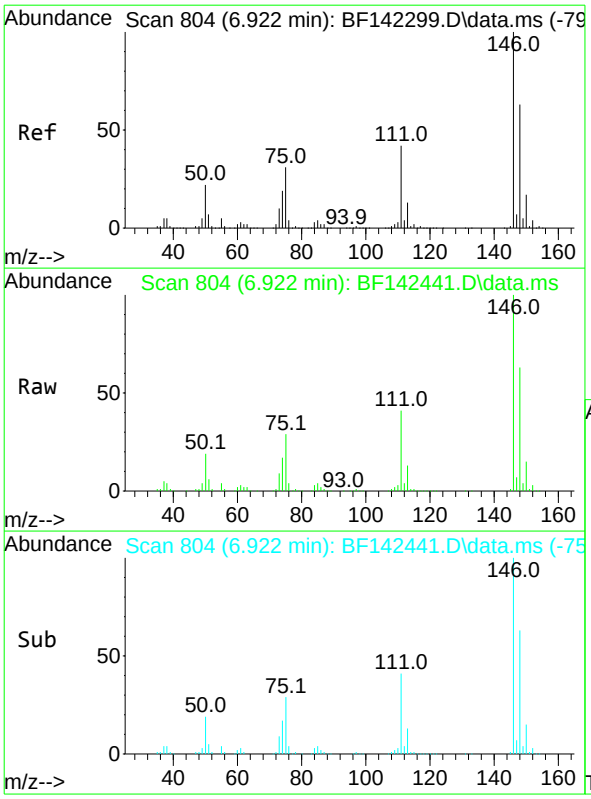


#12
1,3-Dichlorobenzene
Concen: 41.168 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:146 Resp: 415545

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	76.0
75	28.4	24.2	36.4



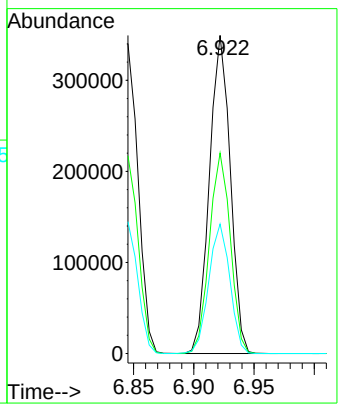


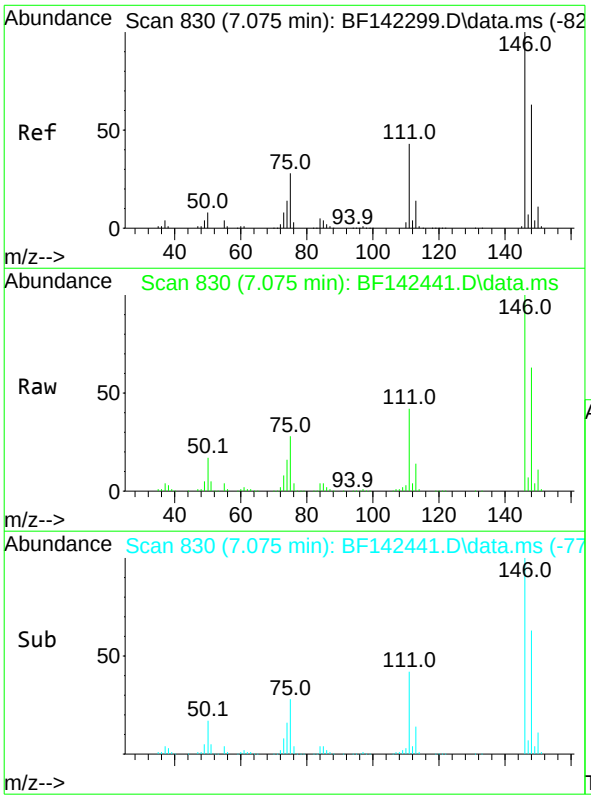
#13
1,4-Dichlorobenzene
Concen: 41.544 ng
RT: 6.922 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 421036

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.5	75.7
111	40.7	33.4	50.2

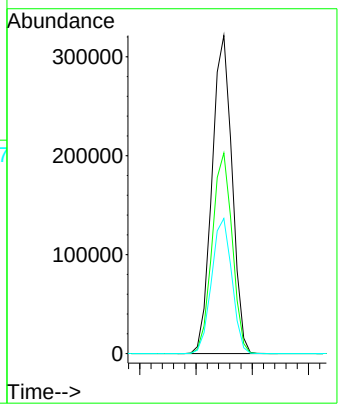


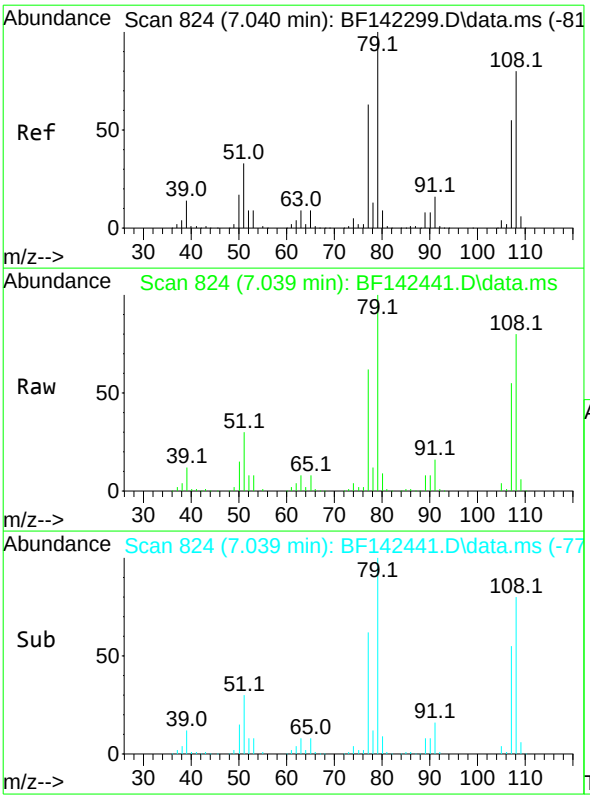


#14
1,2-Dichlorobenzene
Concen: 40.991 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:146 Resp: 398761

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.3	75.5
111	42.5	34.5	51.7



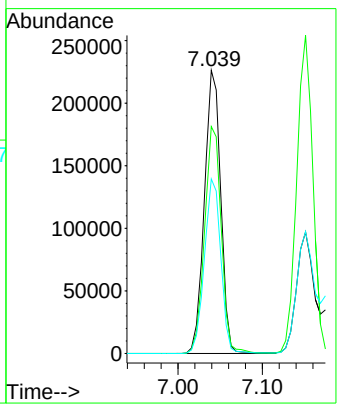


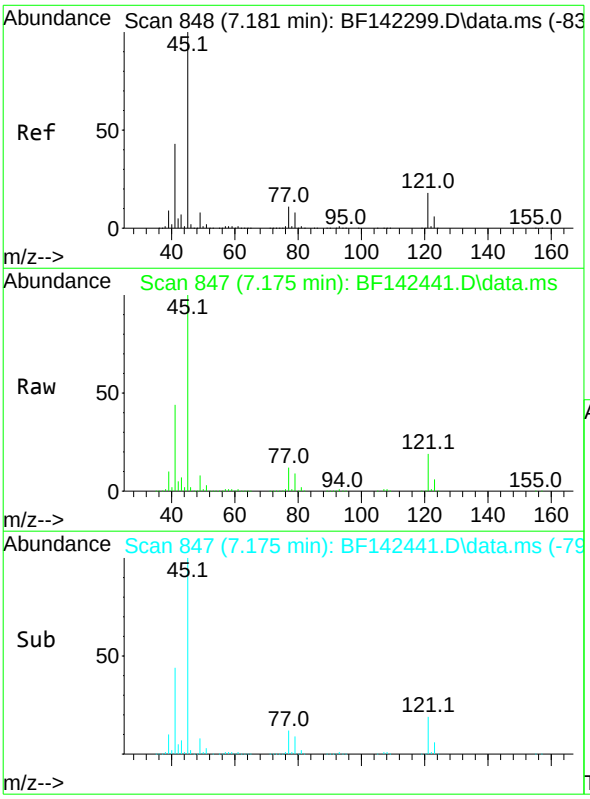
#15
Benzyl Alcohol
Concen: 46.378 ng
RT: 7.039 min Scan# 82
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 304959

Ion	Ratio	Lower	Upper
79	100		
108	80.1	63.9	95.9
77	61.6	50.7	76.1

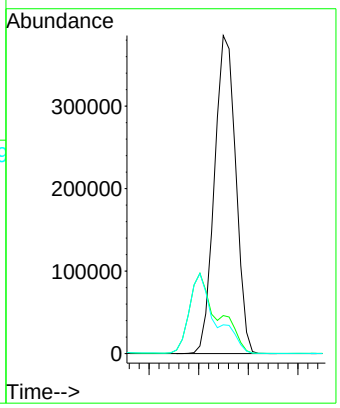


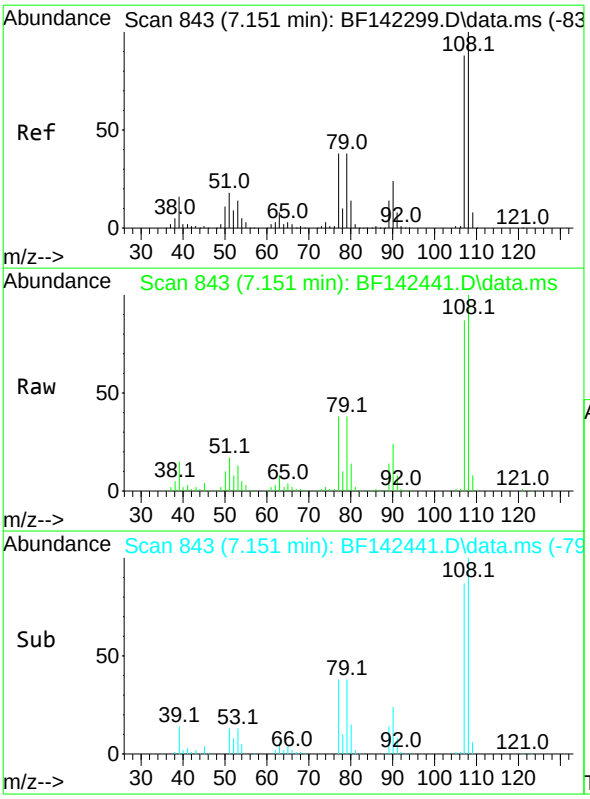


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.307 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion: 45 Resp: 575521

Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	31.2
79	9.0	0.0	28.5



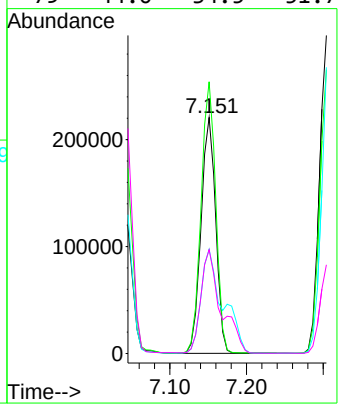


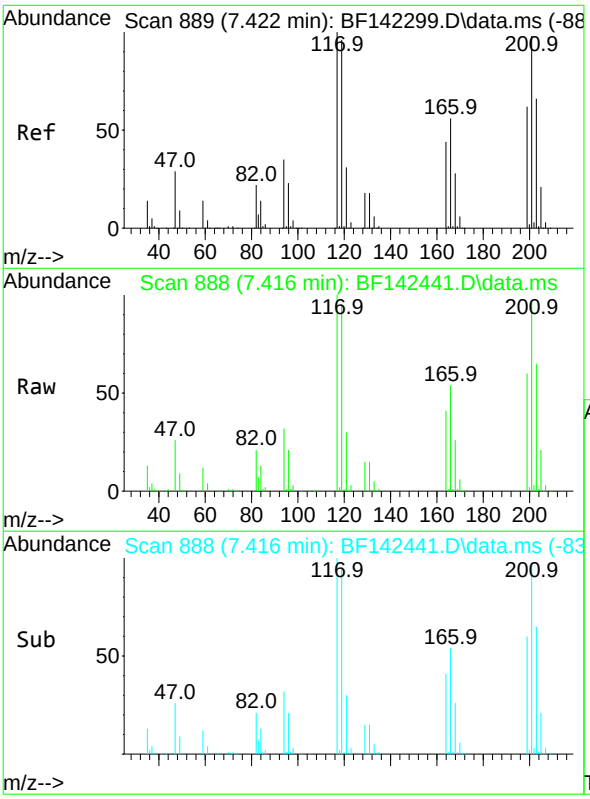
#17
2-Methylphenol
Concen: 40.999 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 292856

Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.1	136.7
77	44.1	34.7	52.1
79	44.0	34.5	51.7

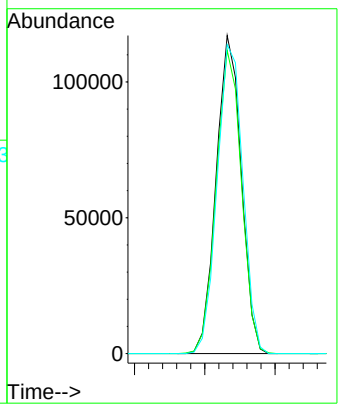


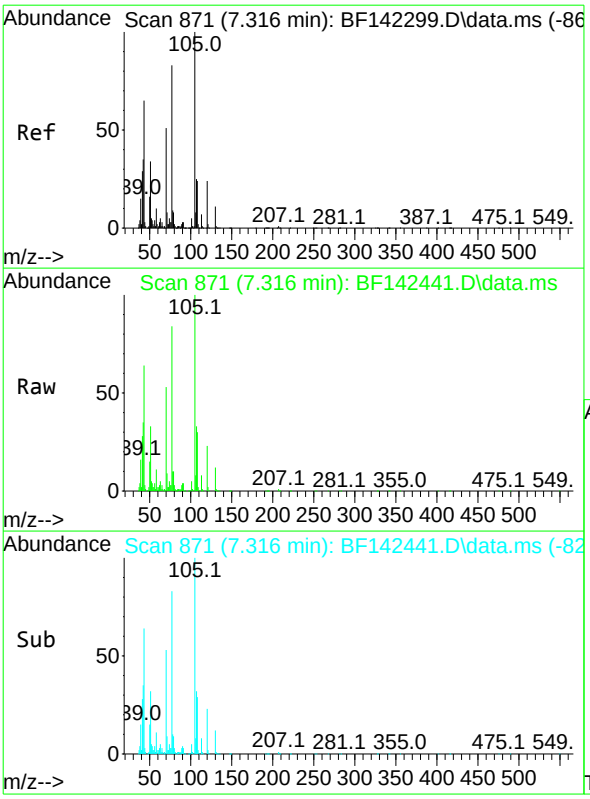


#18
Hexachloroethane
Concen: 42.973 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:117 Resp: 144905

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.9	115.3
201	97.1	78.0	117.0



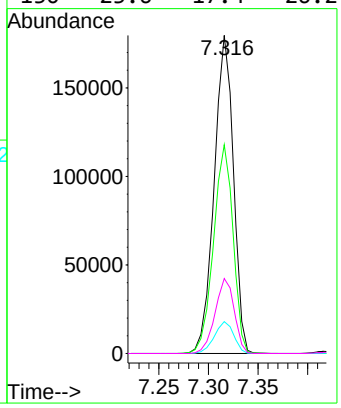


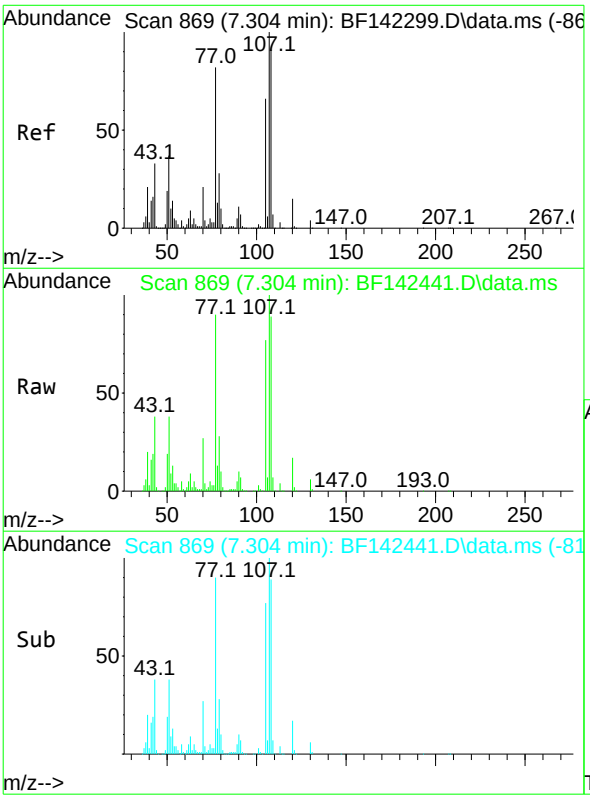
#19
n-Nitroso-di-n-propylamine
Concen: 38.668 ng
RT: 7.316 min Scan# 87
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 242886

Ion	Ratio	Lower	Upper
70	100		
42	65.6	54.8	82.2
101	10.0	7.7	11.5
130	23.6	17.4	26.2

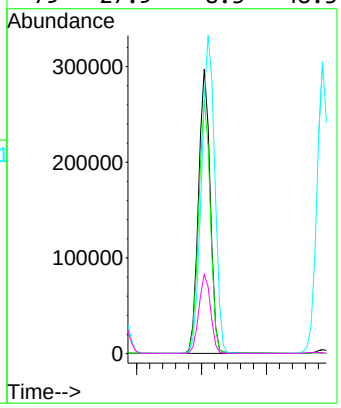


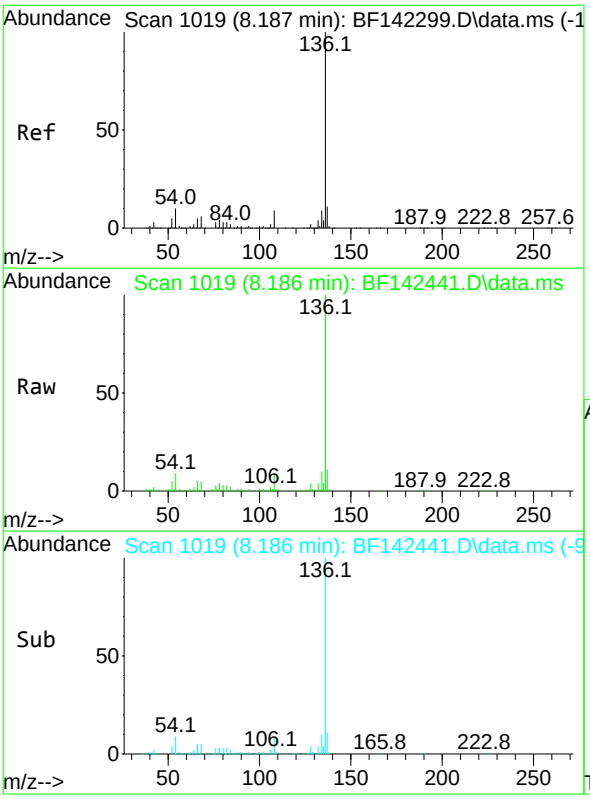


#20
3+4-Methylphenols
Concen: 41.645 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:107 Resp: 371253

Ion	Ratio	Lower	Upper
107	100		
108	89.2	71.5	111.5
77	90.0	61.6	101.6
79	27.9	8.3	48.3



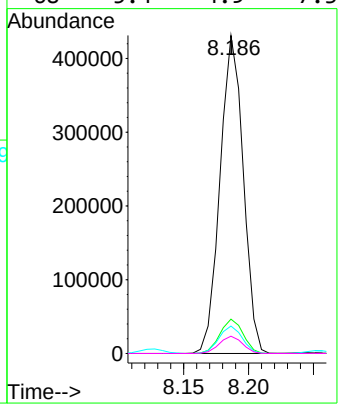


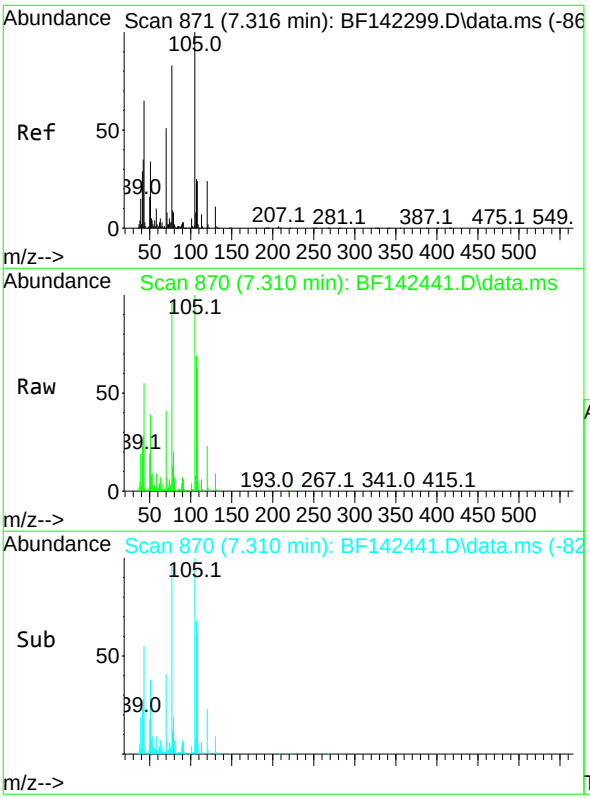
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 537518

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.6	7.7	11.5
68	5.4	4.9	7.3

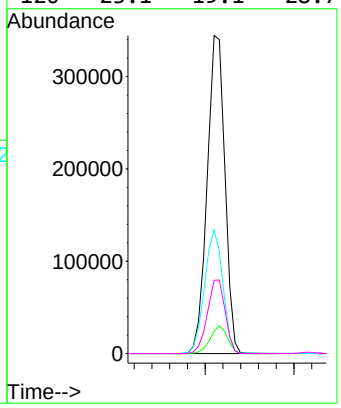


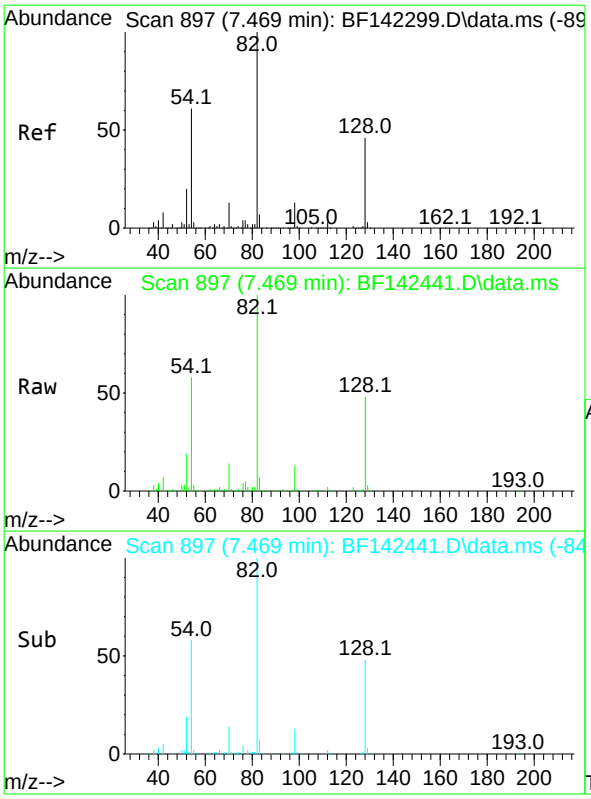


#22
Acetophenone
Concen: 40.176 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:105 Resp: 480166

Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.7	10.1
51	38.9	27.6	41.4
120	23.1	19.1	28.7



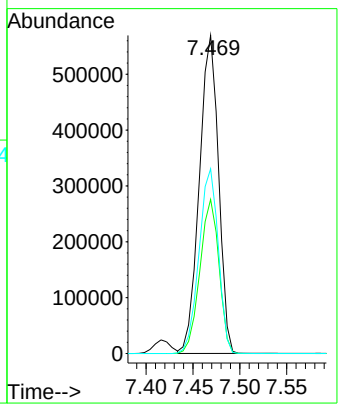


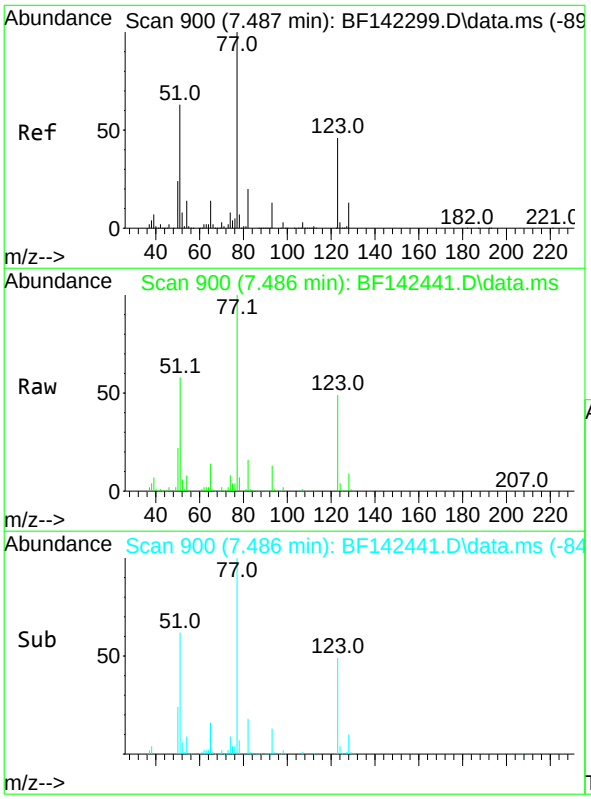
#23
Nitrobenzene-d5
Concen: 91.858 ng
RT: 7.469 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 809605

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.0	55.6
54	58.1	48.6	73.0

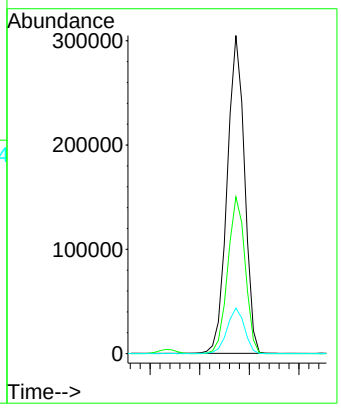


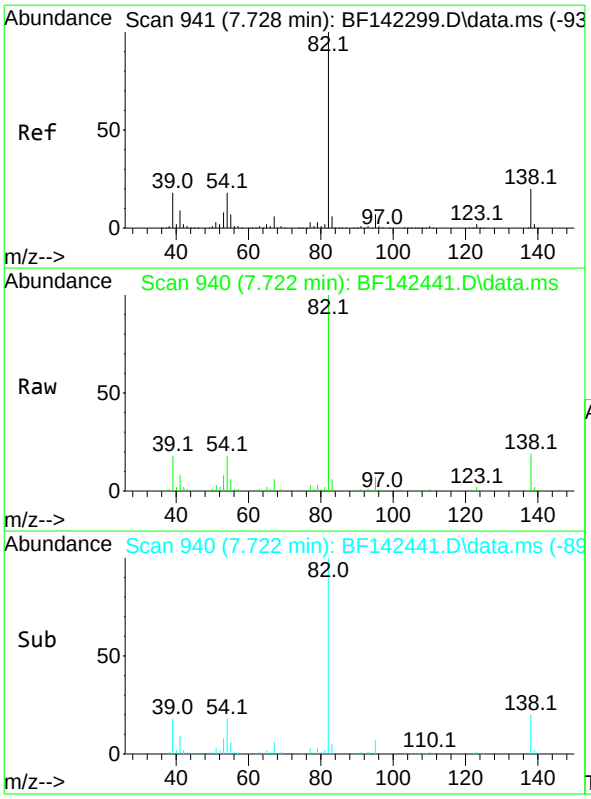


#24
Nitrobenzene
Concen: 44.572 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion: 77 Resp: 370305

Ion	Ratio	Lower	Upper
77	100		
123	49.3	37.8	56.8
65	14.3	11.4	17.0



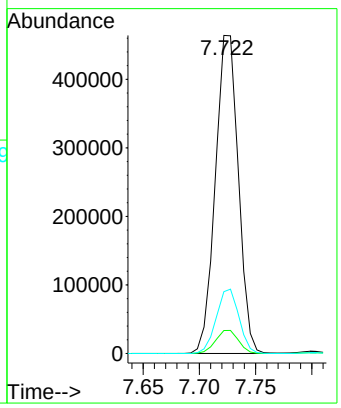


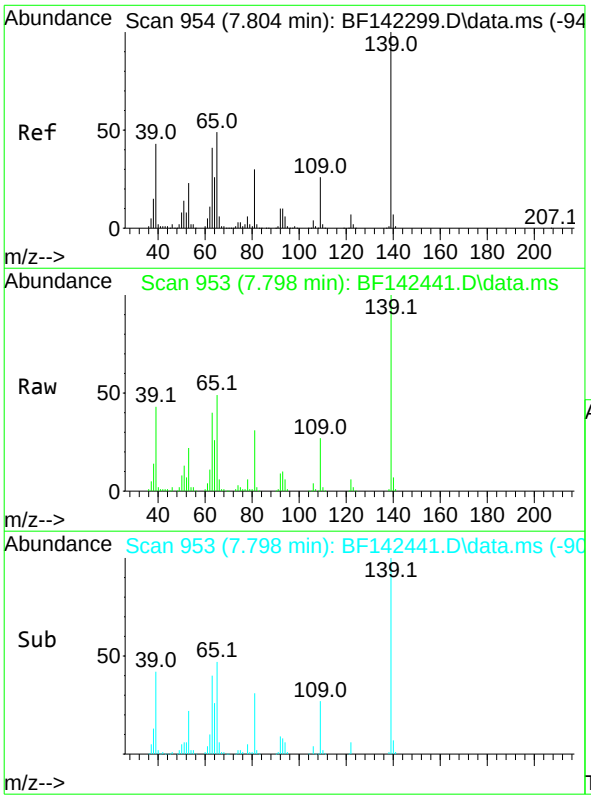
#25
Isophorone
Concen: 39.576 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 660518

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	19.4	16.1	24.1

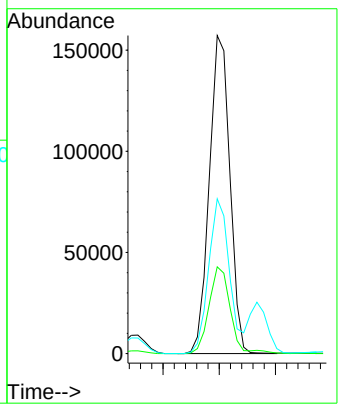


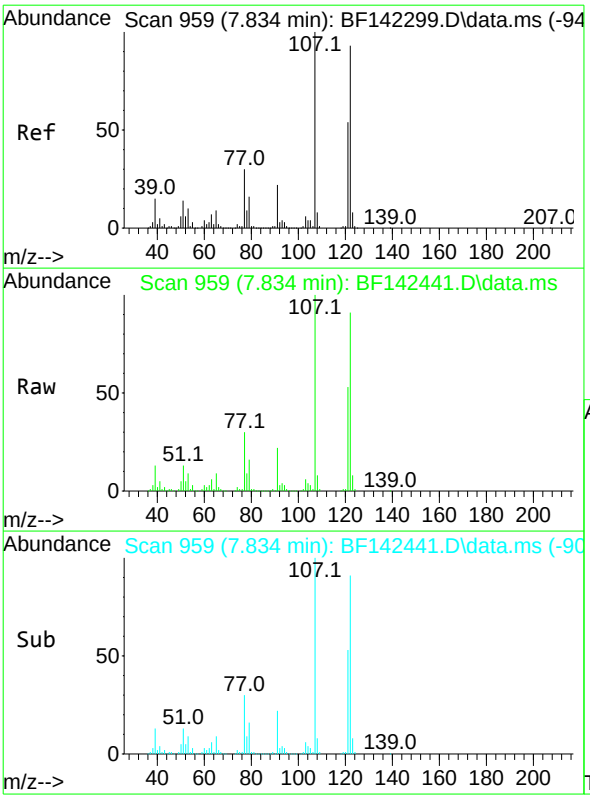


#26
2-Nitrophenol
Concen: 49.731 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:139 Resp: 199790

Ion	Ratio	Lower	Upper
139	100		
109	27.3	20.8	31.2
65	48.7	38.9	58.3



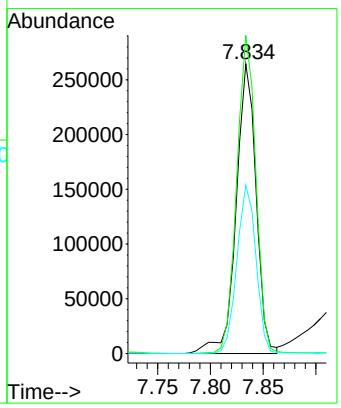


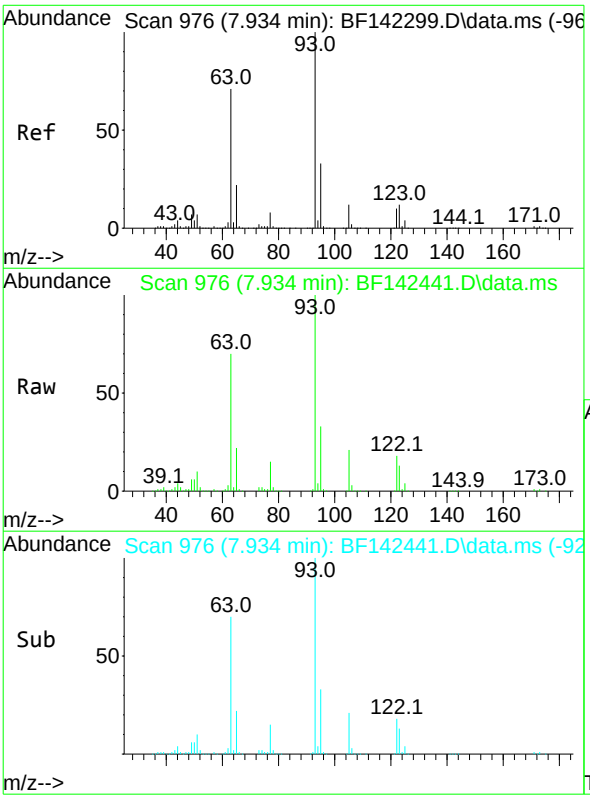
#27
2,4-Dimethylphenol
Concen: 41.523 ng
RT: 7.834 min Scan# 95
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 348428

Ion	Ratio	Lower	Upper
122	100		
107	109.8	86.0	129.0
121	58.1	46.2	69.4

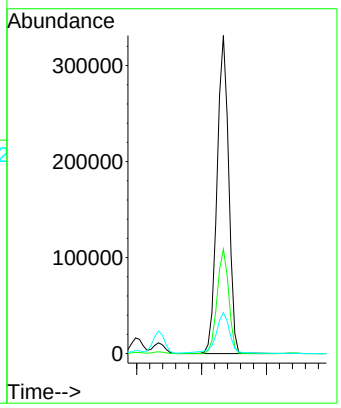


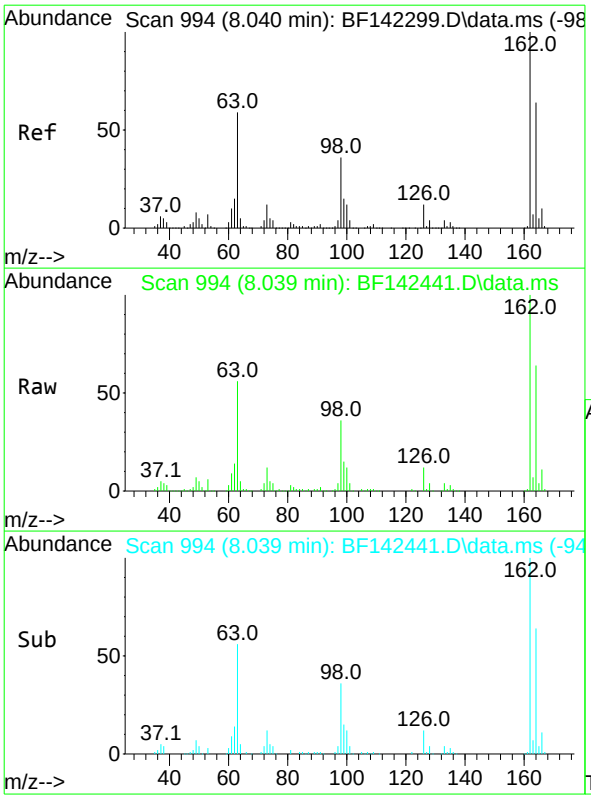


#28
bis(2-Chloroethoxy)methane
Concen: 38.366 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion: 93 Resp: 411744

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.1	39.1
123	12.9	10.2	15.4



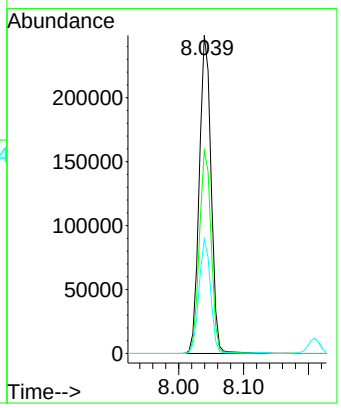


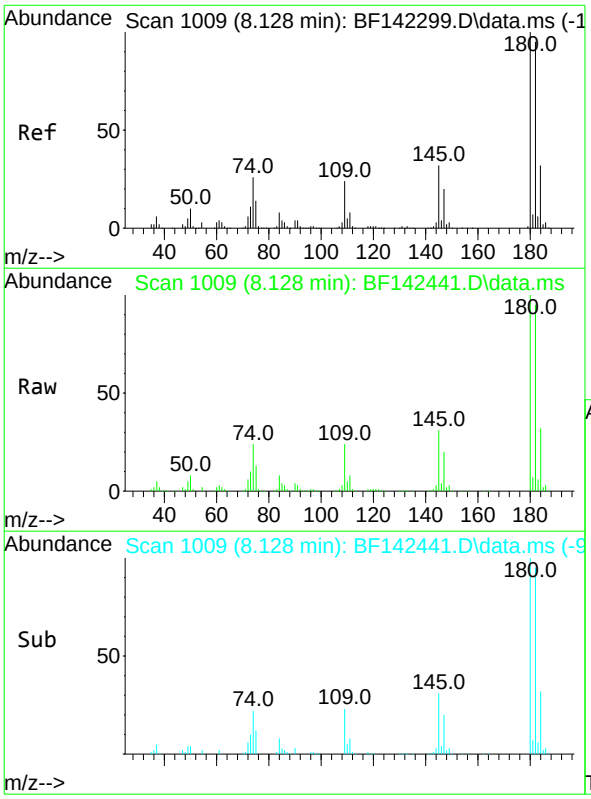
#29
2,4-Dichlorophenol
Concen: 44.045 ng
RT: 8.039 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 314216

Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.6	83.6
98	35.9	16.5	56.5

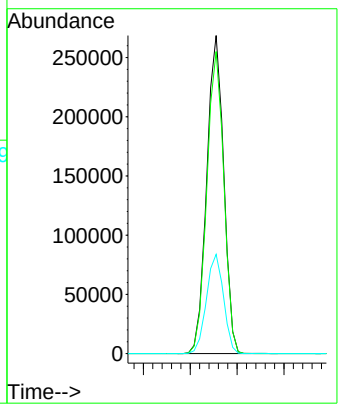




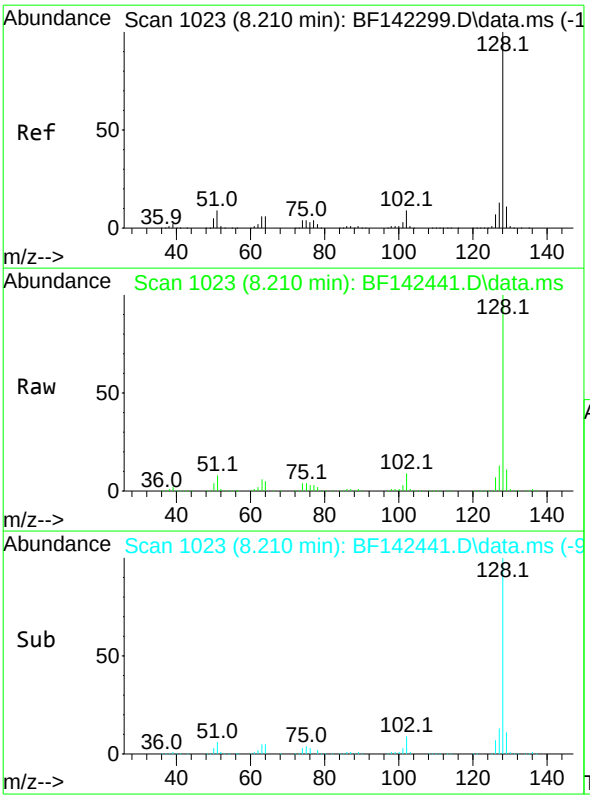
#30
1,2,4-Trichlorobenzene
Concen: 42.121 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:180 Resp: 338179

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.2	114.4
145	31.2	25.8	38.6



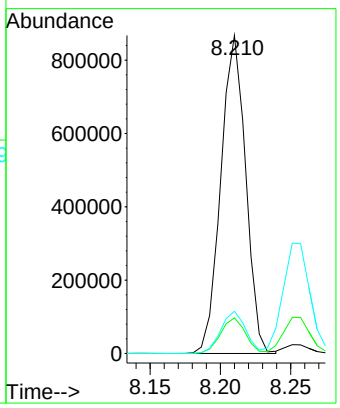
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

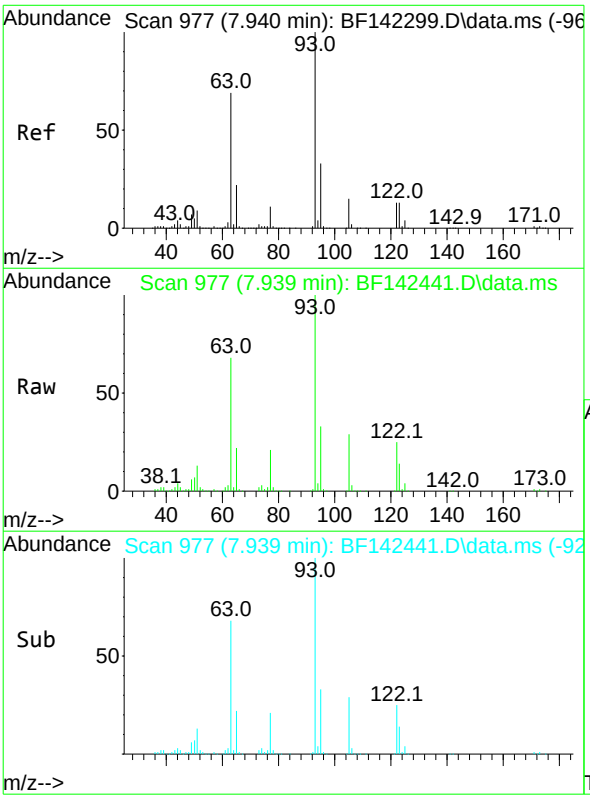


#31
Naphthalene
Concen: 40.942 ng
RT: 8.210 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:128 Resp: 1066592

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.3	10.5	15.7

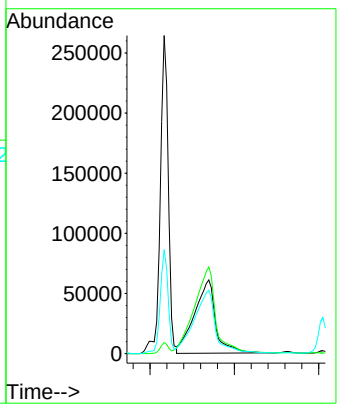


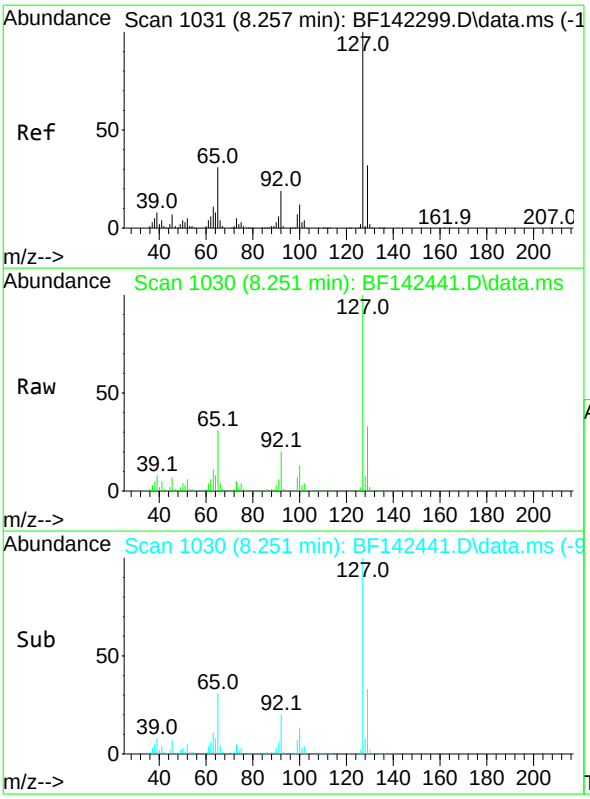


#32
Benzoic acid
Concen: 47.644 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.001 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:122 Resp: 213916

Ion	Ratio	Lower	Upper
122	100		
105	117.6	97.9	137.9
77	86.0	67.7	107.7



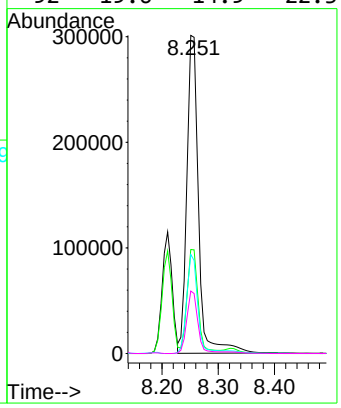


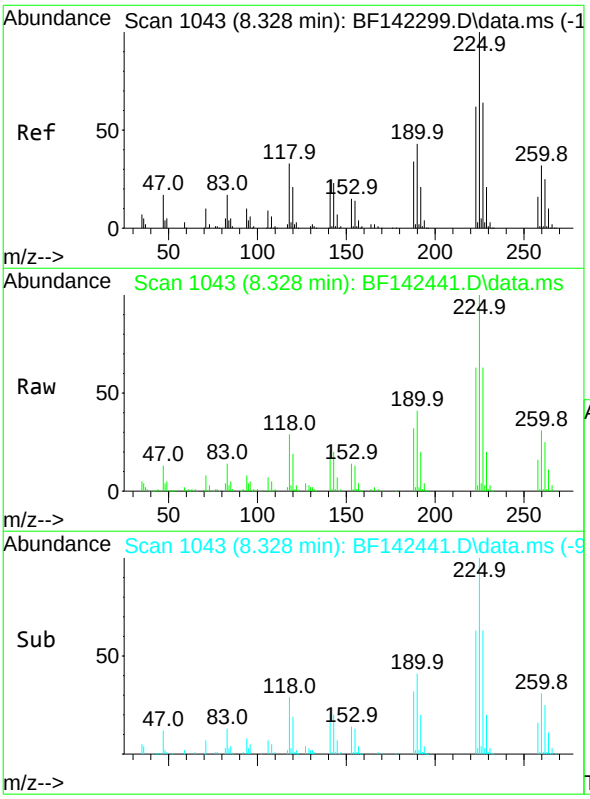
#33
4-Chloroaniline
Concen: 40.933 ng
RT: 8.251 min Scan# 10
Delta R.T. -0.016 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 435130

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	31.1	24.9	37.3
92	19.6	14.9	22.3

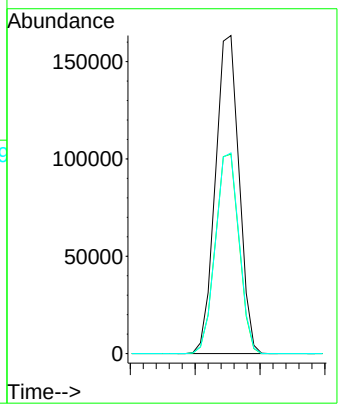


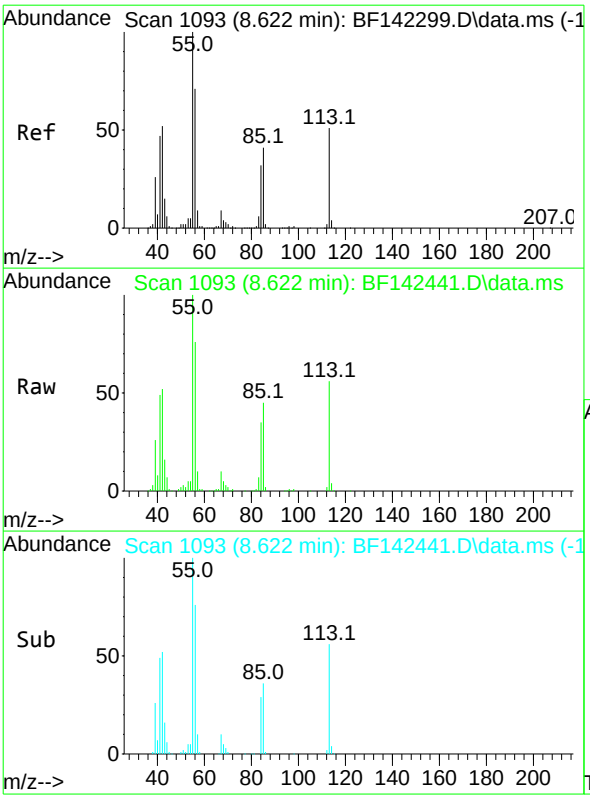


#34
Hexachlorobutadiene
Concen: 43.646 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:225 Resp: 207500

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.8	74.6
227	63.1	50.9	76.3



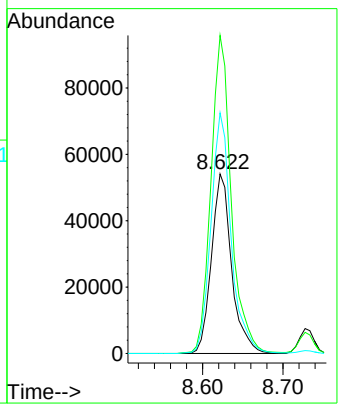


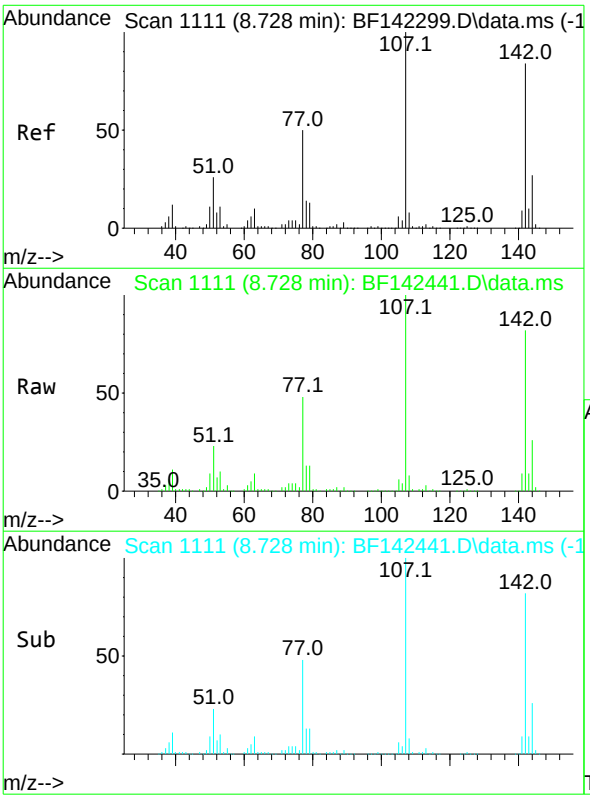
#35
Caprolactam
Concen: 45.292 ng
RT: 8.622 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 94170

Ion	Ratio	Lower	Upper
113	100		
55	177.1	176.4	216.4
56	134.0	120.3	160.3

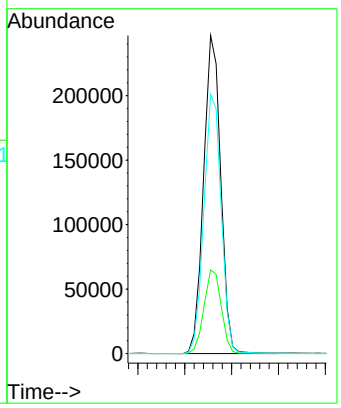


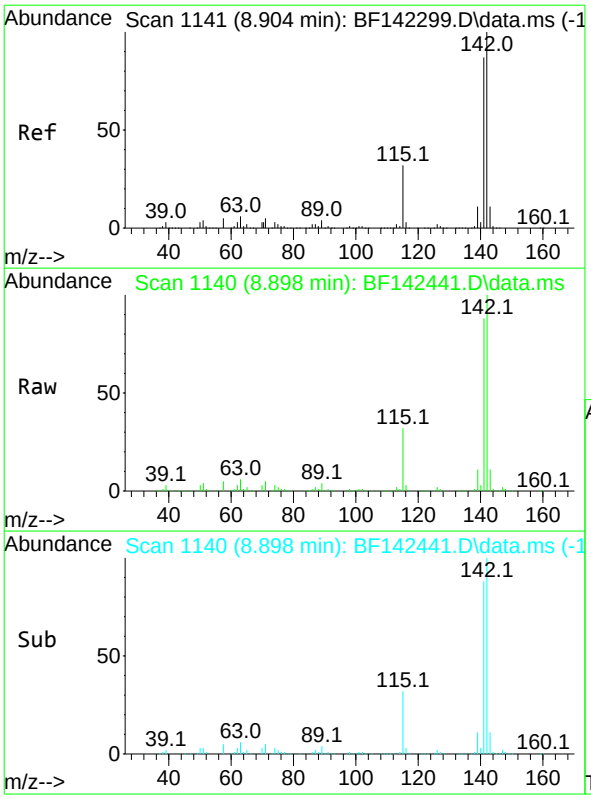


#36
4-Chloro-3-methylphenol
Concen: 42.238 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:107 Resp: 313232

Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.3	31.9
142	81.6	66.9	100.3



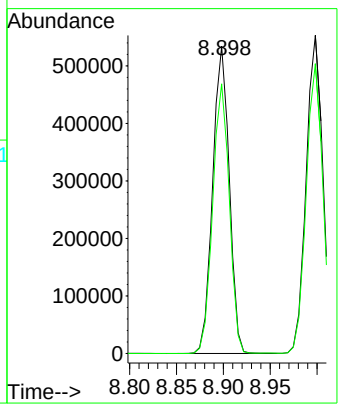


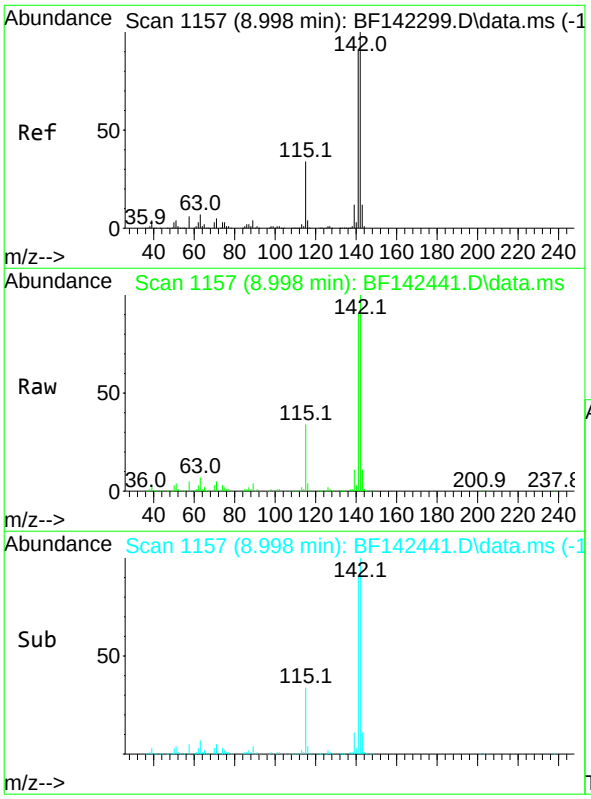
#37
2-Methylnaphthalene
Concen: 40.602 ng
RT: 8.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 657251

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.4	104.2

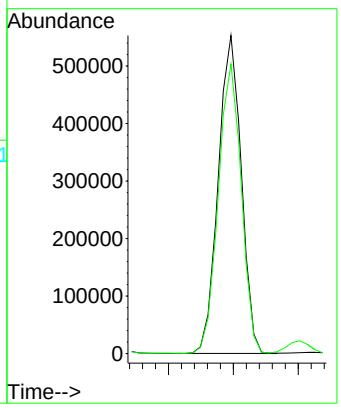


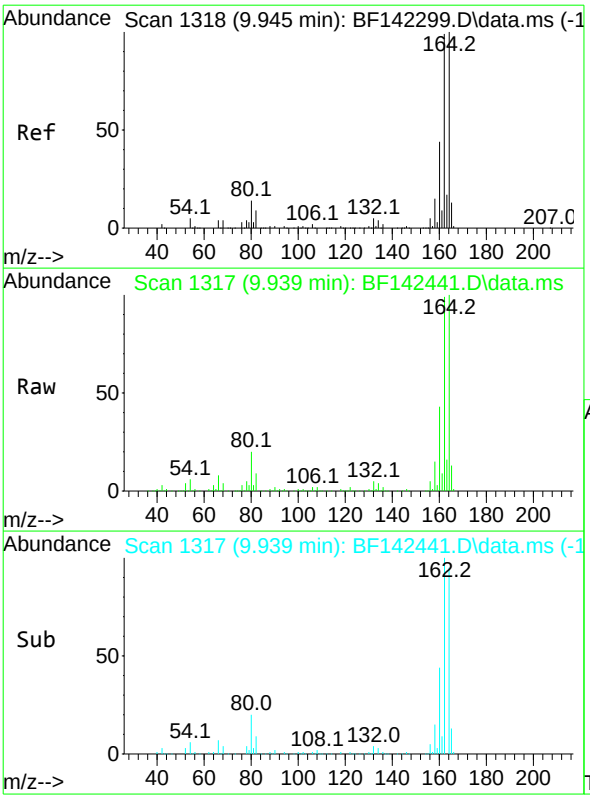


#38
1-Methylnaphthalene
Concen: 40.341 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:142 Resp: 680639

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.5	108.7



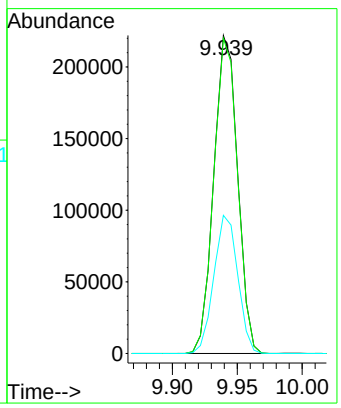


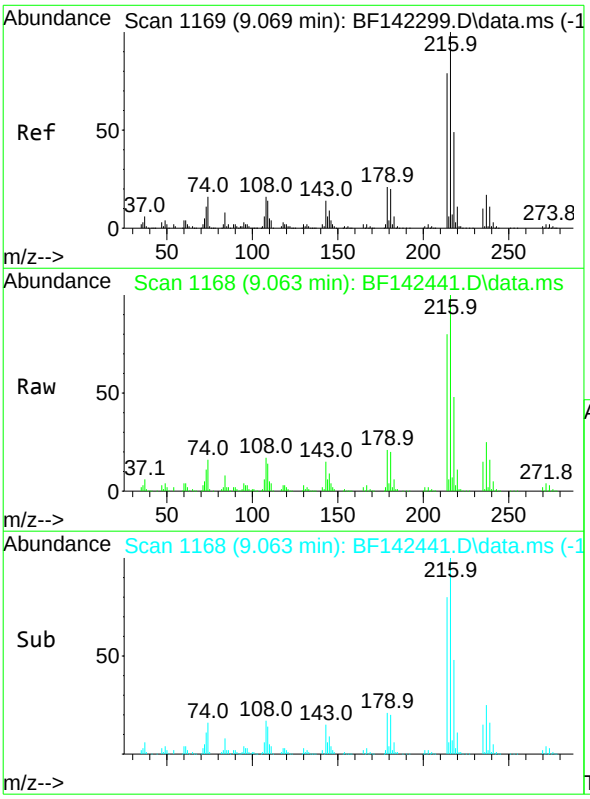
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 282968

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.2	118.8
160	43.4	35.3	52.9

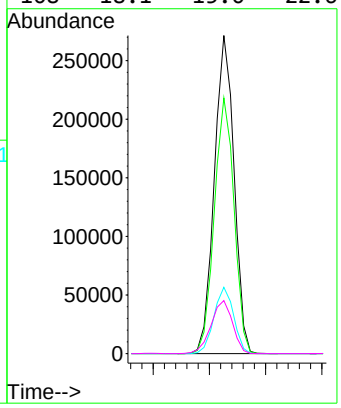


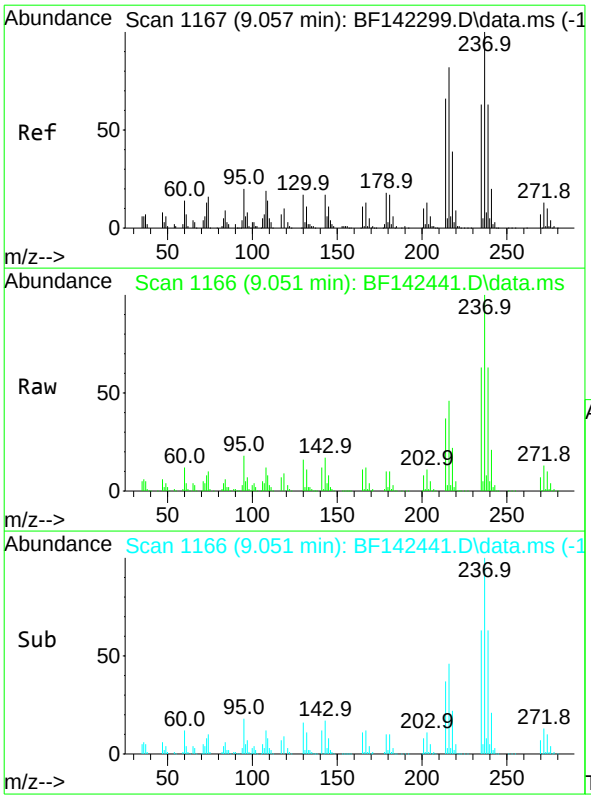


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.860 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:216 Resp: 330821

Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.8	95.6
179	20.7	17.0	25.6
108	18.1	15.0	22.6



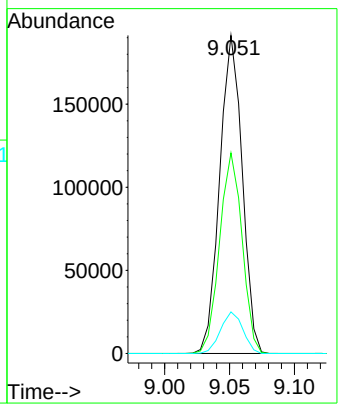


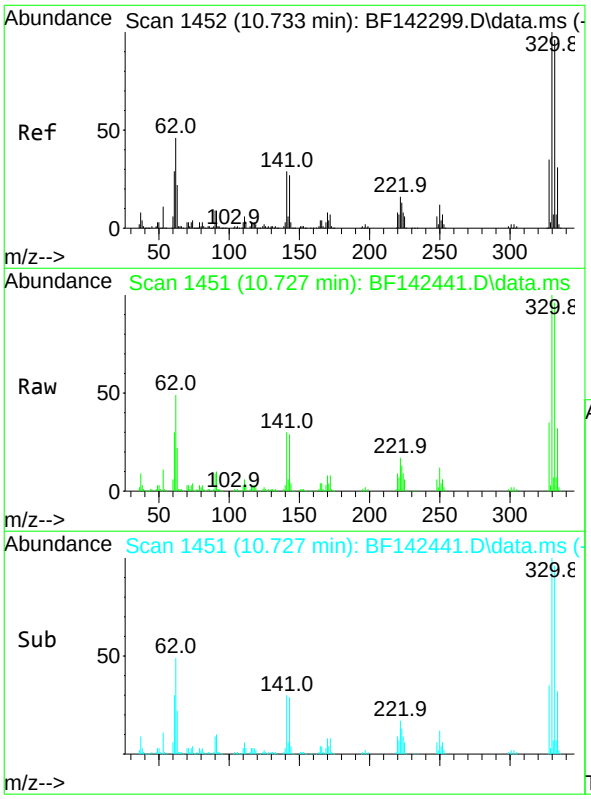
#41
Hexachlorocyclopentadiene
Concen: 47.375 ng
RT: 9.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 231391

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.8	82.8
272	13.1	0.0	33.0

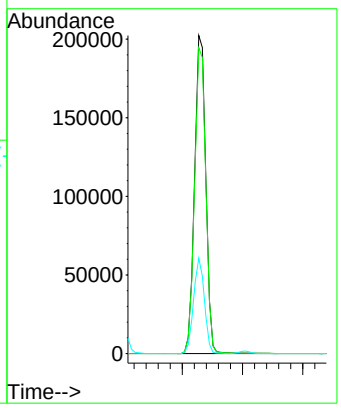


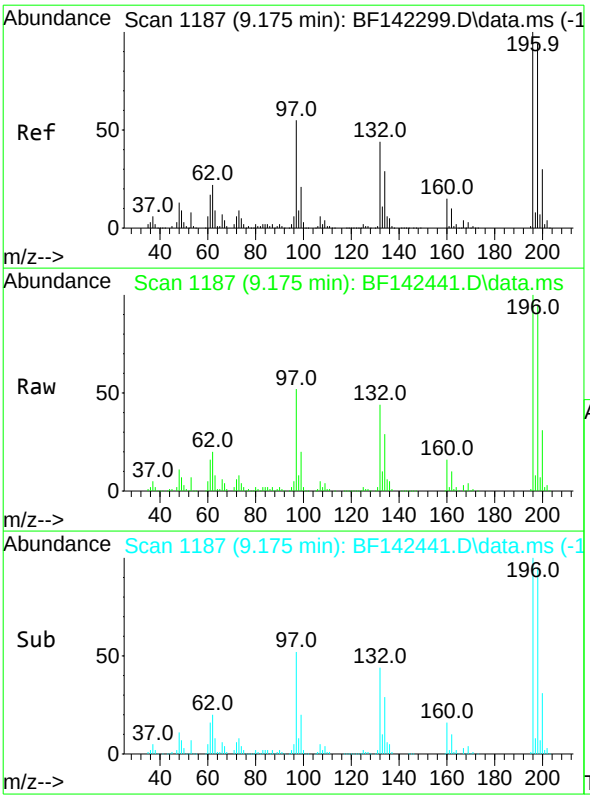


#42
2,4,6-Tribromophenol
Concen: 95.466 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:330 Resp: 260814

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	29.1	24.9	37.3



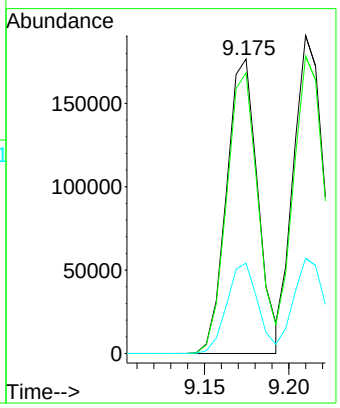


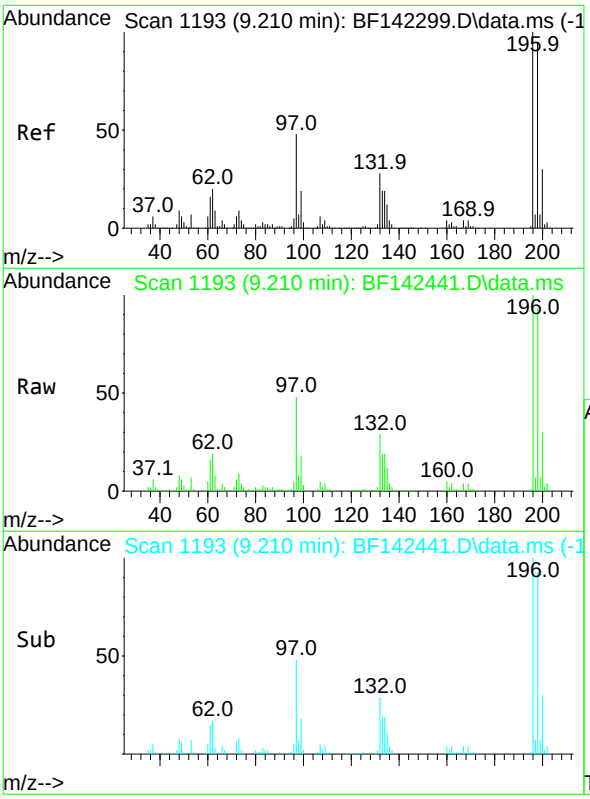
#43
2,4,6-Trichlorophenol
Concen: 45.840 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 228513

Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.4	113.0
200	30.7	24.3	36.5

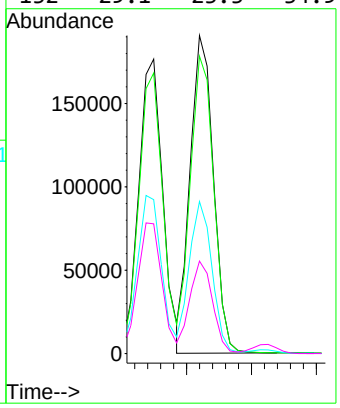


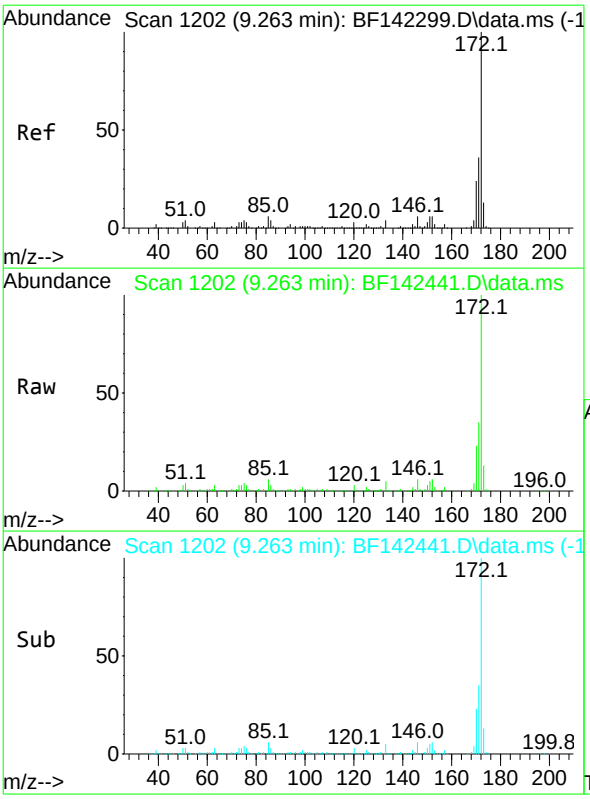


#44
2,4,5-Trichlorophenol
Concen: 44.937 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:196 Resp: 238350

Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.1	114.1
97	47.8	39.0	58.4
132	29.1	23.3	34.9



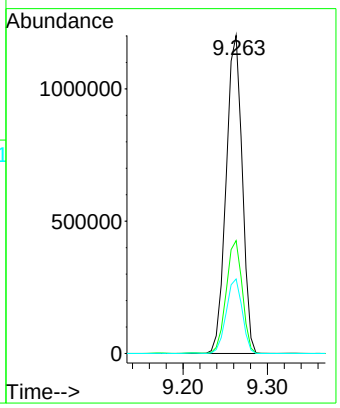


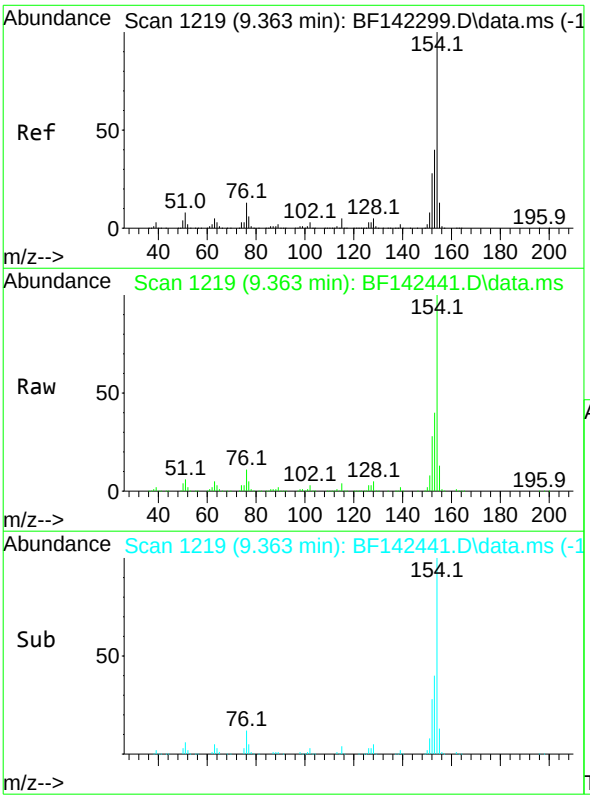
#45
2-Fluorobiphenyl
Concen: 80.261 ng
RT: 9.263 min Scan# 12
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1592797

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.4	19.0	28.4

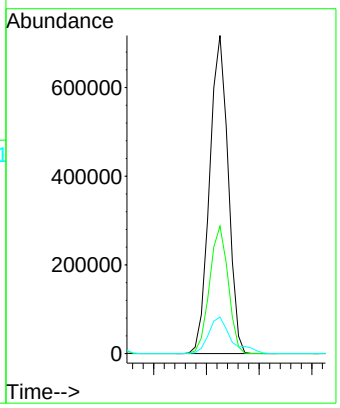


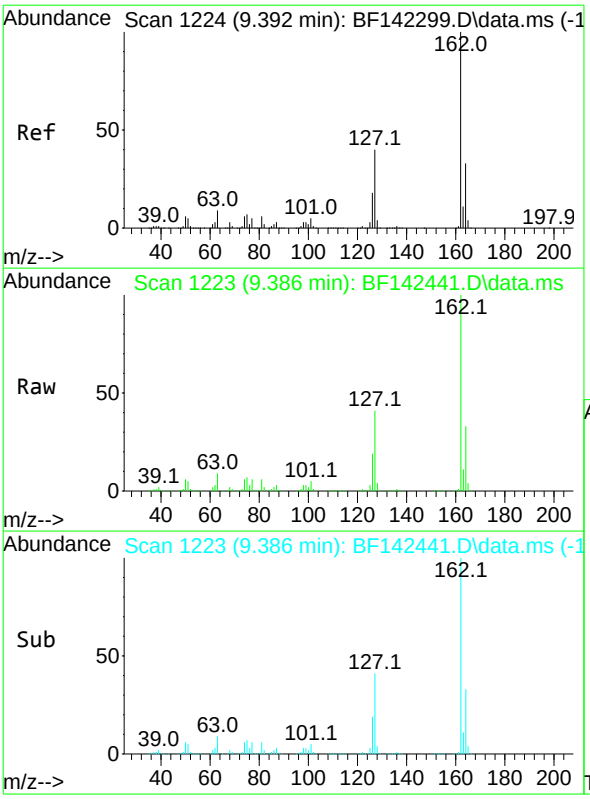


#46
1,1'-Biphenyl
Concen: 40.433 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:154 Resp: 877251

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.5	60.5
76	11.5	0.0	32.8



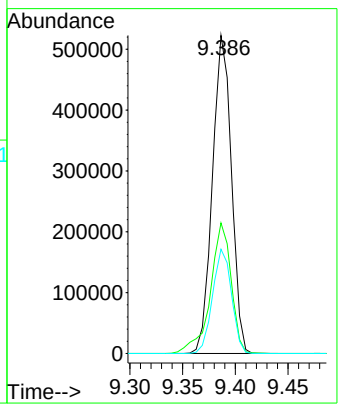


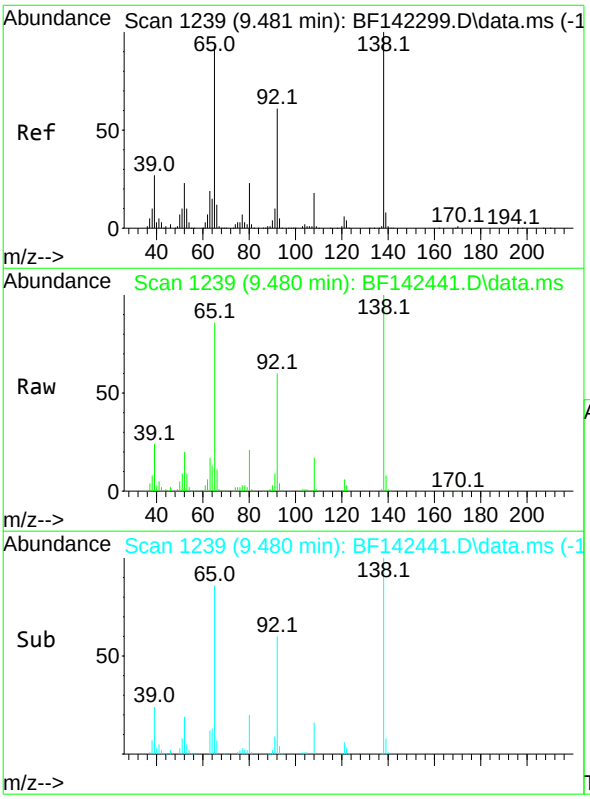
#47
2-Chloronaphthalene
Concen: 40.678 ng
RT: 9.386 min Scan# 12
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 656341

Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.3	48.5
164	32.8	26.6	40.0

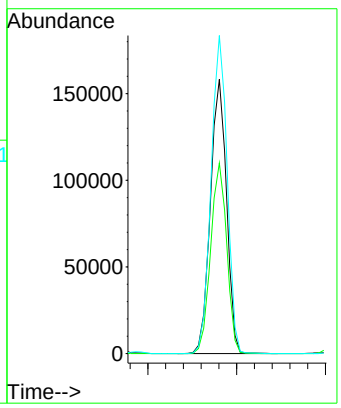


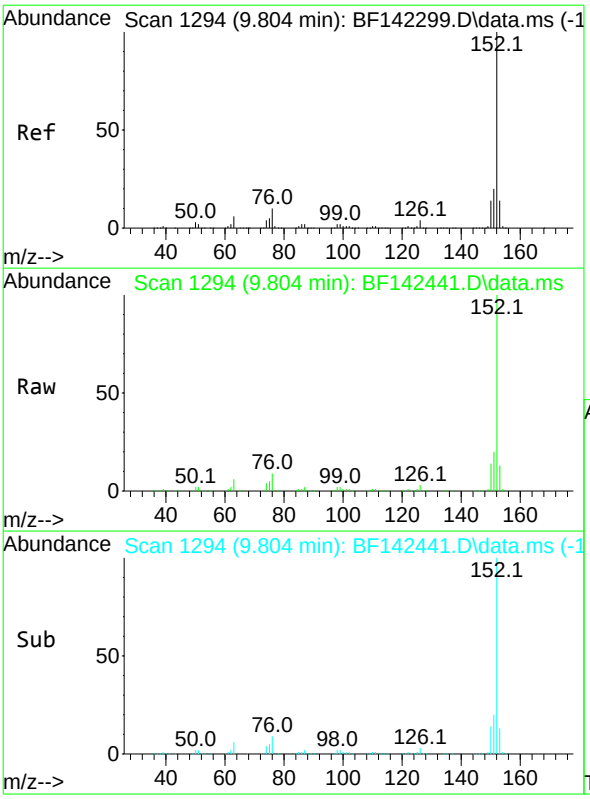


#48
2-Nitroaniline
Concen: 48.333 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion: 65 Resp: 199891

Ion	Ratio	Lower	Upper
65	100		
92	69.5	52.3	78.5
138	116.0	85.6	128.4



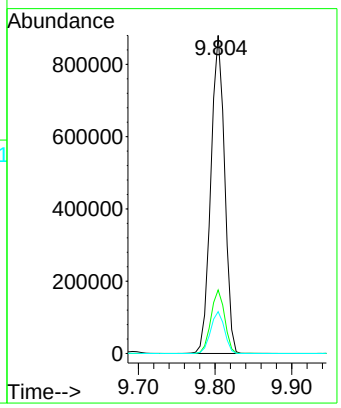


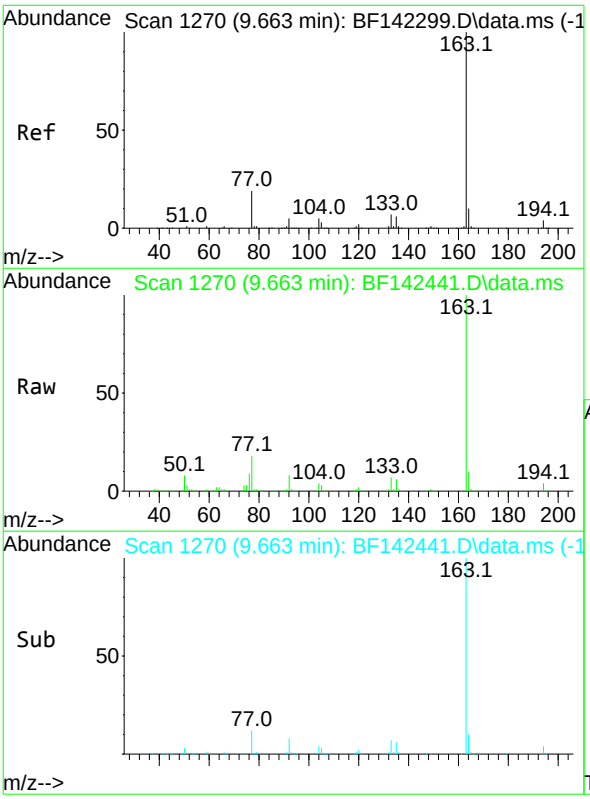
#49
Acenaphthylene
Concen: 40.729 ng
RT: 9.804 min Scan# 12
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1099351

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.2	10.8	16.2

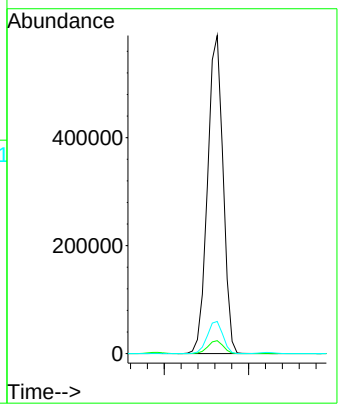


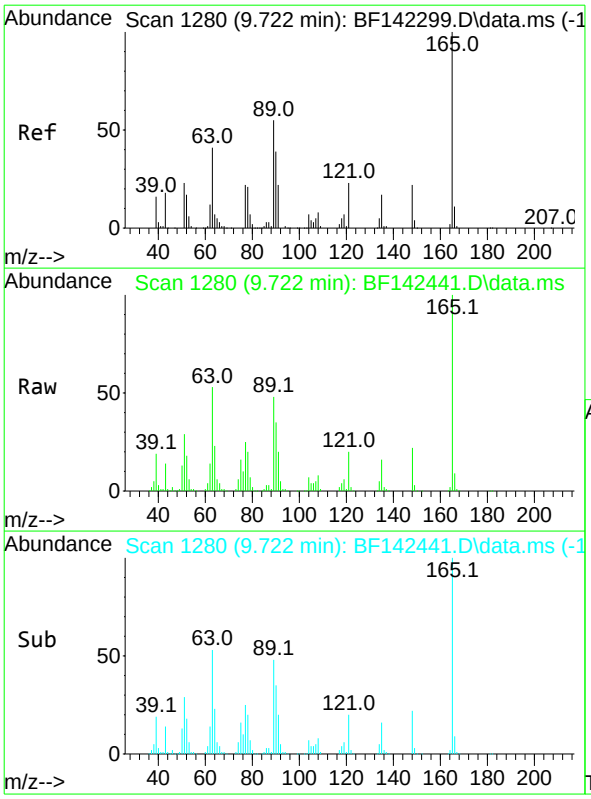


#50
Dimethylphthalate
Concen: 41.399 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:163 Resp: 752233

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.1	8.3	12.5



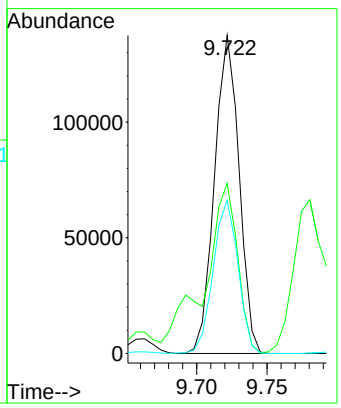


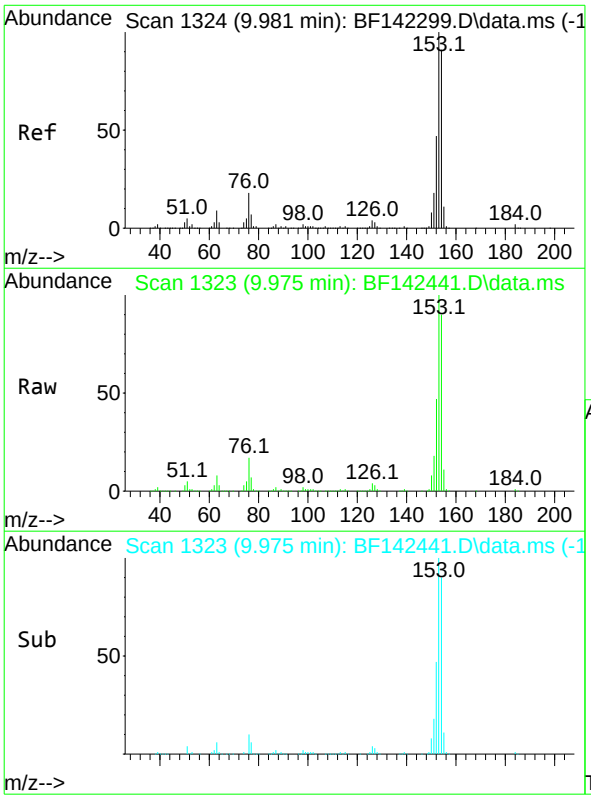
#51
2,6-Dinitrotoluene
Concen: 49.139 ng
RT: 9.722 min Scan# 12
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 167128

Ion	Ratio	Lower	Upper
165	100		
63	53.5	49.5	74.3
89	48.2	44.6	66.8

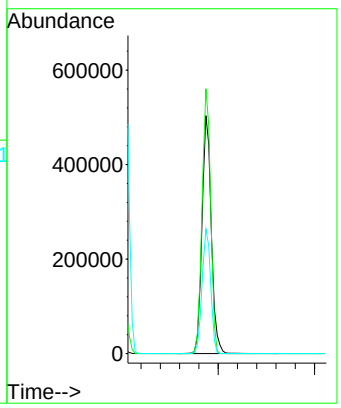


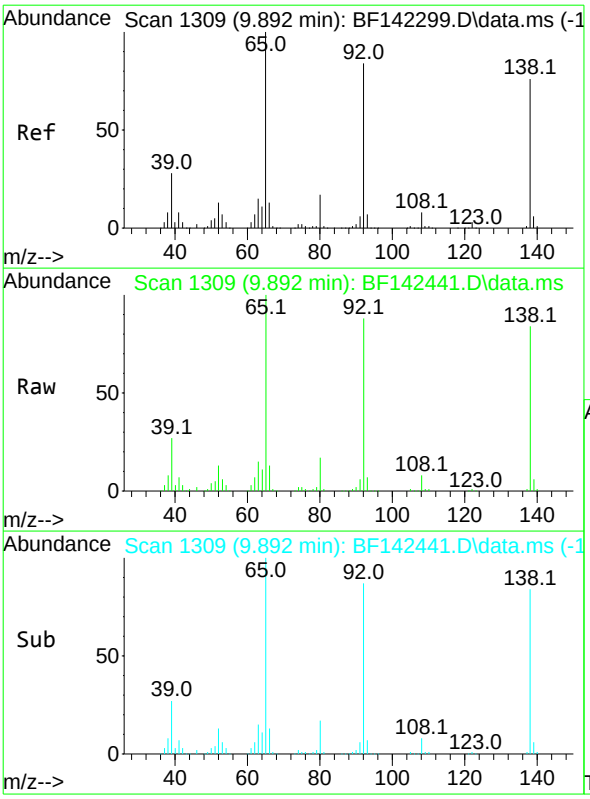


#52
Acenaphthene
Concen: 41.382 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:154 Resp: 671611

Ion	Ratio	Lower	Upper
154	100		
153	111.3	88.0	132.0
152	52.4	41.6	62.4



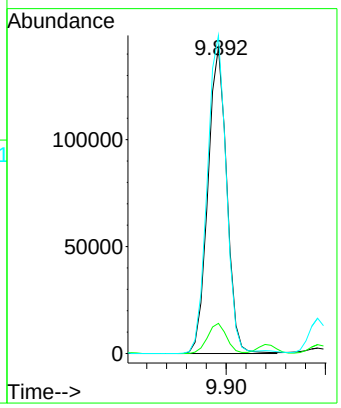


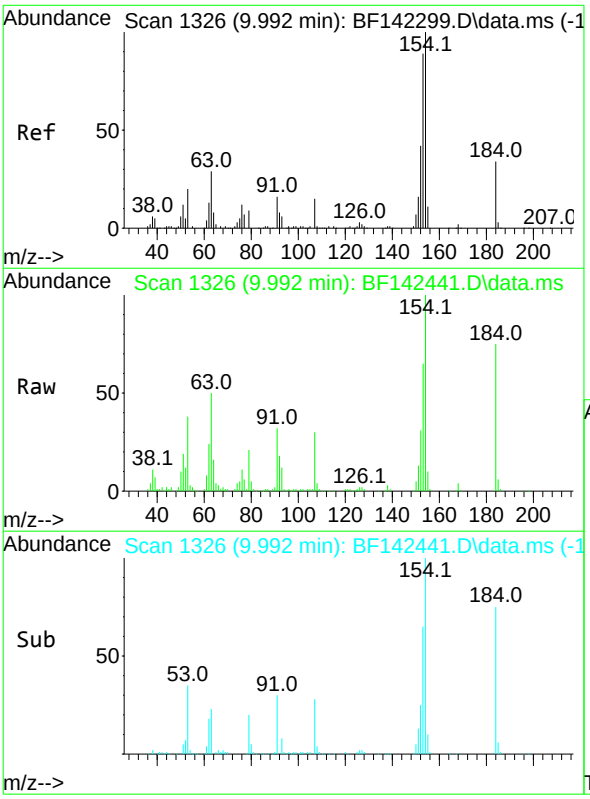
#53
3-Nitroaniline
Concen: 47.463 ng
RT: 9.892 min Scan# 13
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 189323

Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.7	13.1
92	103.9	89.5	134.3

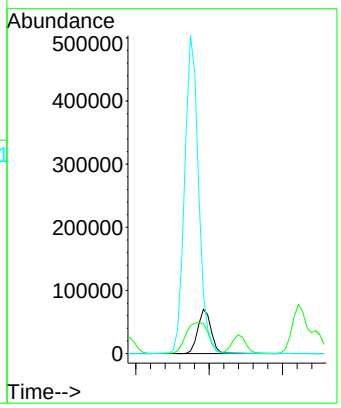


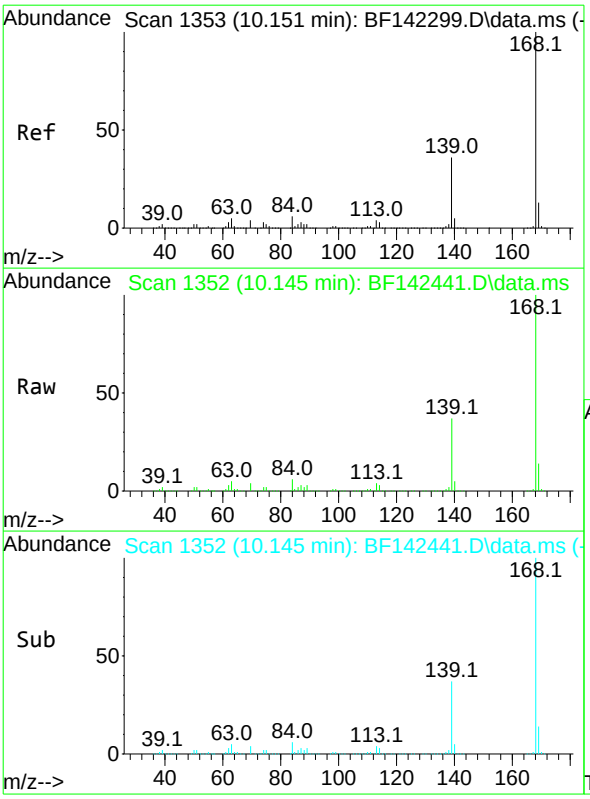


#54
2,4-Dinitrophenol
Concen: 52.757 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:184 Resp: 88739

Ion	Ratio	Lower	Upper
184	100		
63	67.4	70.6	105.8#
154	134.0	257.2	385.8#



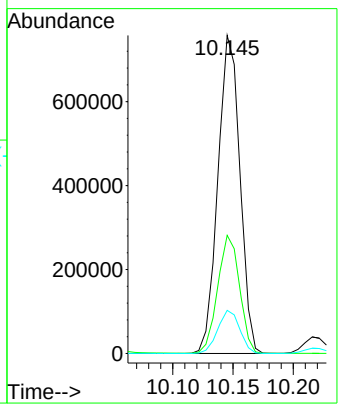


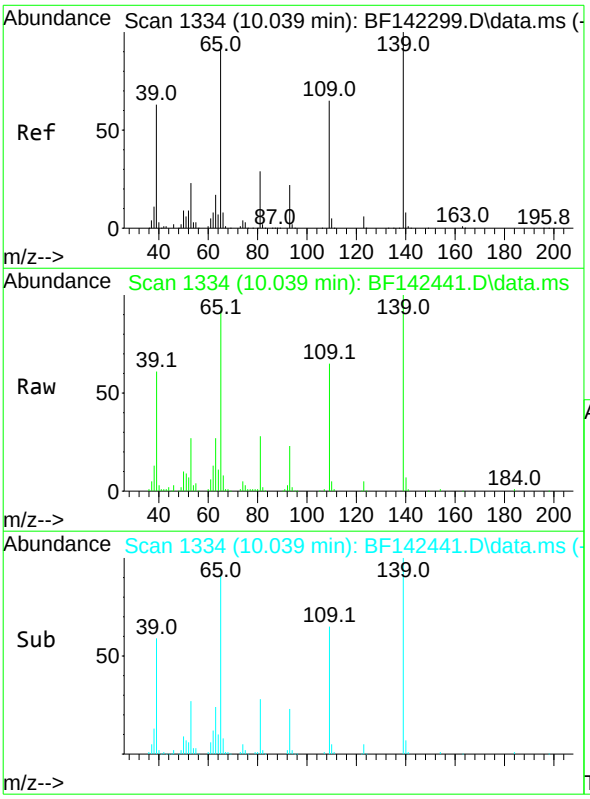
#55
Dibenzofuran
Concen: 40.230 ng
RT: 10.145 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 963600

Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.0	43.4
169	13.6	10.7	16.1

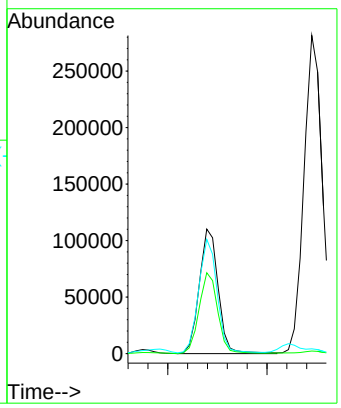


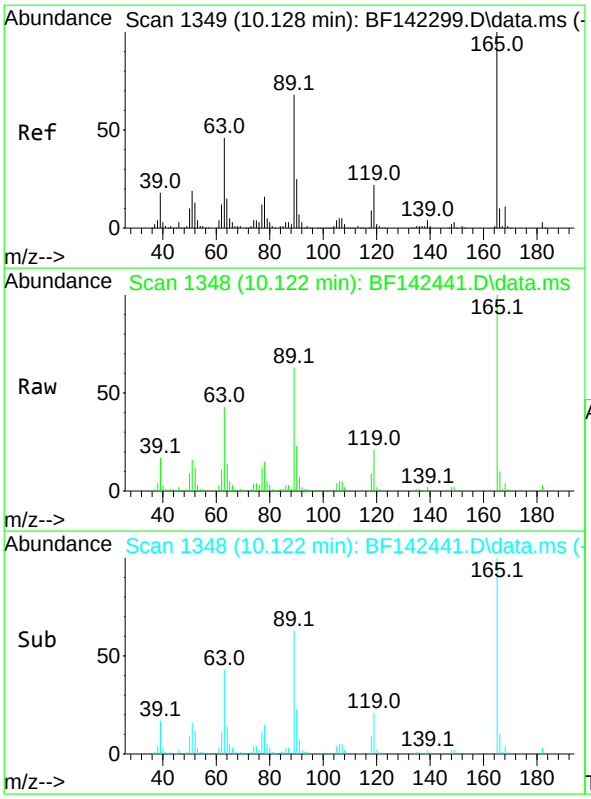


#56
4-Nitrophenol
Concen: 48.796 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:139 Resp: 146490

Ion	Ratio	Lower	Upper
139	100		
109	64.9	45.3	85.3
65	91.7	73.9	113.9



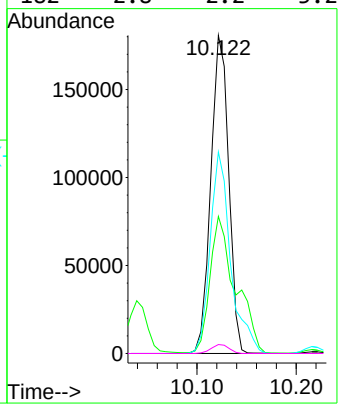


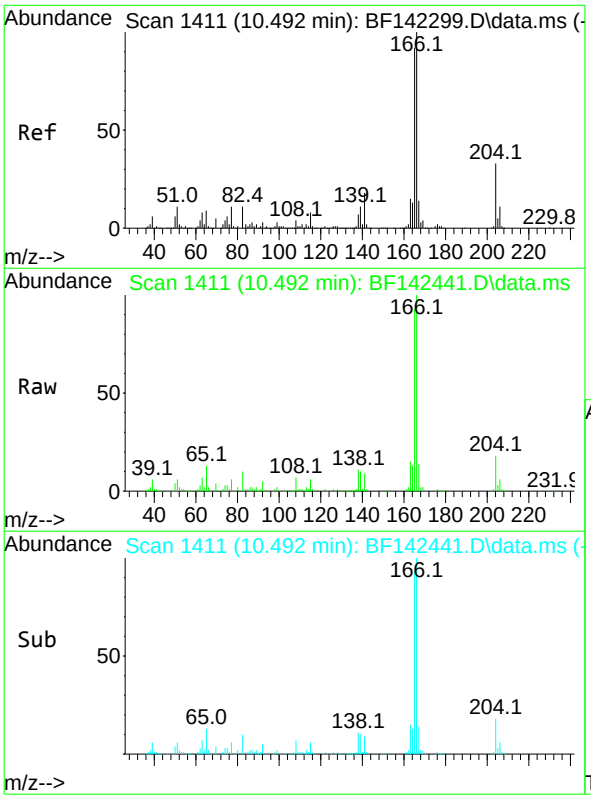
#57
2,4-Dinitrotoluene
Concen: 51.869 ng
RT: 10.122 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 226288

Ion	Ratio	Lower	Upper
165	100		
63	43.1	37.1	55.7
89	63.4	54.4	81.6
182	2.8	2.2	3.2

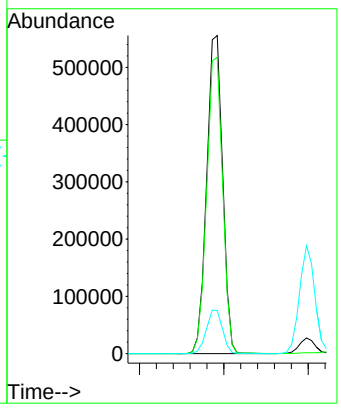


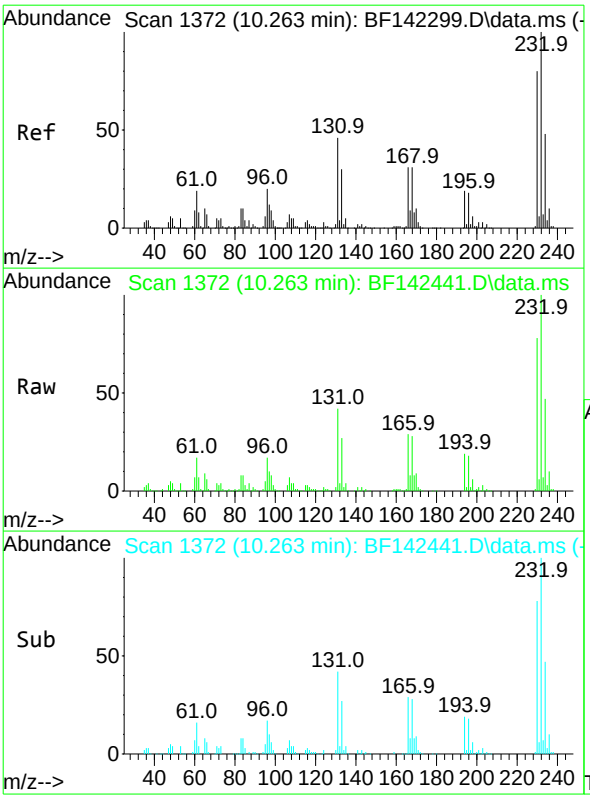


#58
Fluorene
Concen: 39.864 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:166 Resp: 728683

Ion	Ratio	Lower	Upper
166	100		
165	93.2	74.0	111.0
167	13.5	10.9	16.3



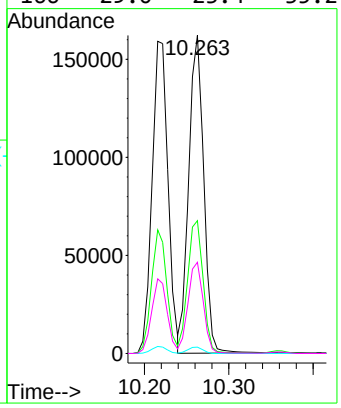


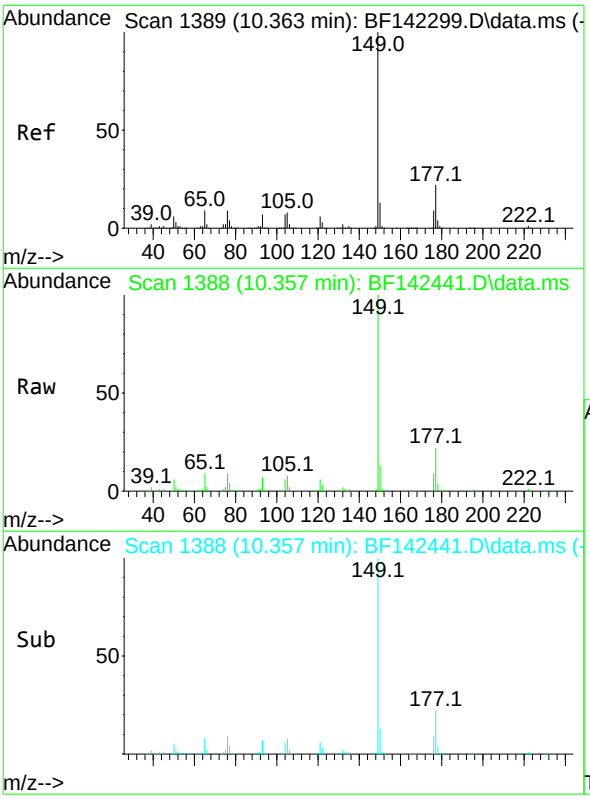
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.852 ng
RT: 10.263 min Scan# 13
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 200767

Ion	Ratio	Lower	Upper
232	100		
131	43.2	36.0	54.0
130	2.0	1.8	2.6
166	29.0	23.4	35.2

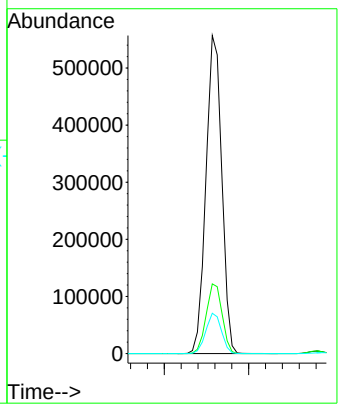


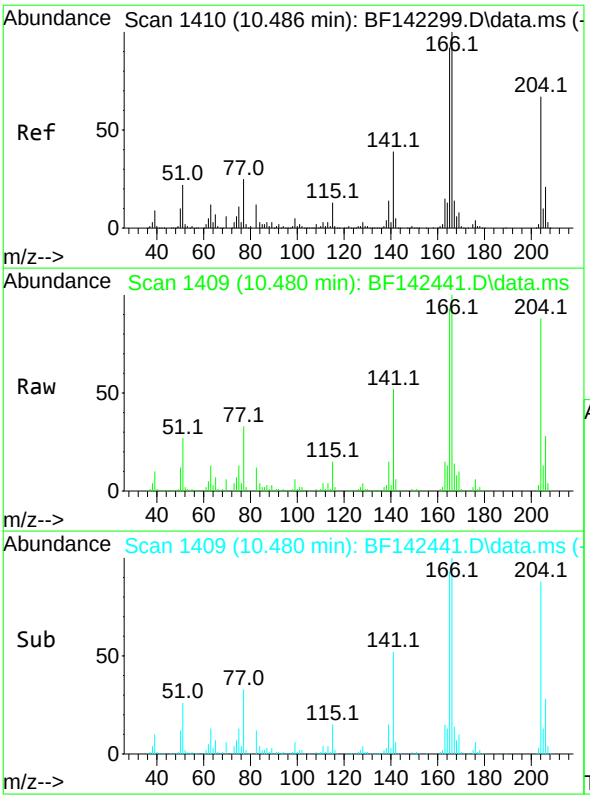


#60
Diethylphthalate
Concen: 39.943 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:149 Resp: 724798

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.6	26.4
150	12.7	10.1	15.1



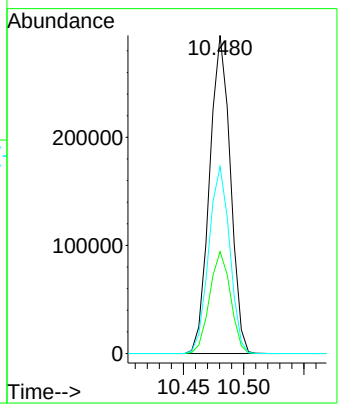


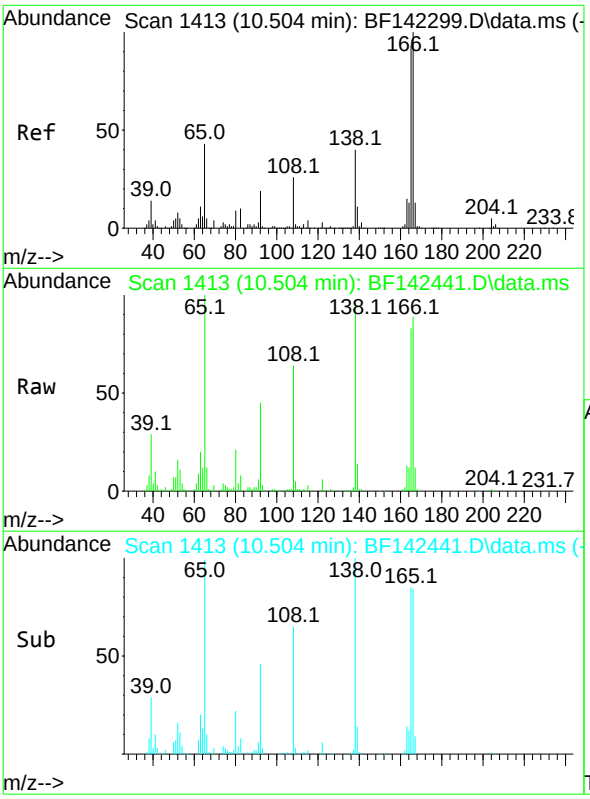
#61
4-Chlorophenyl-phenylether
Concen: 40.114 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 353762

Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.5	38.3
141	58.7	46.4	69.6

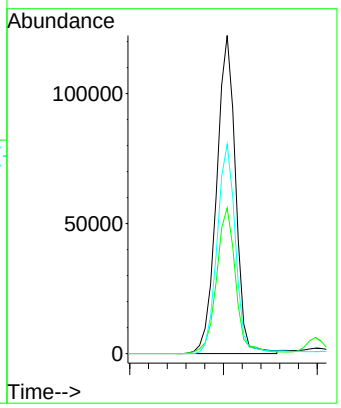


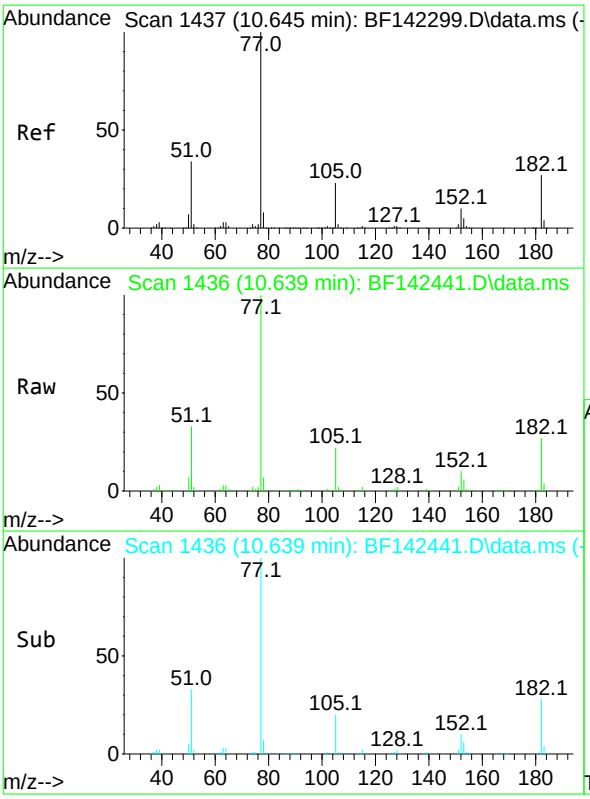


#62
4-Nitroaniline
Concen: 54.345 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:138 Resp: 171811

Ion	Ratio	Lower	Upper
138	100		
92	45.8	27.3	67.3
108	65.9	45.1	85.1



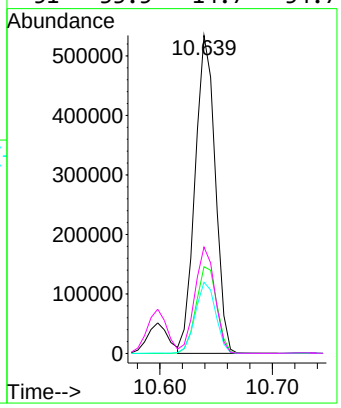


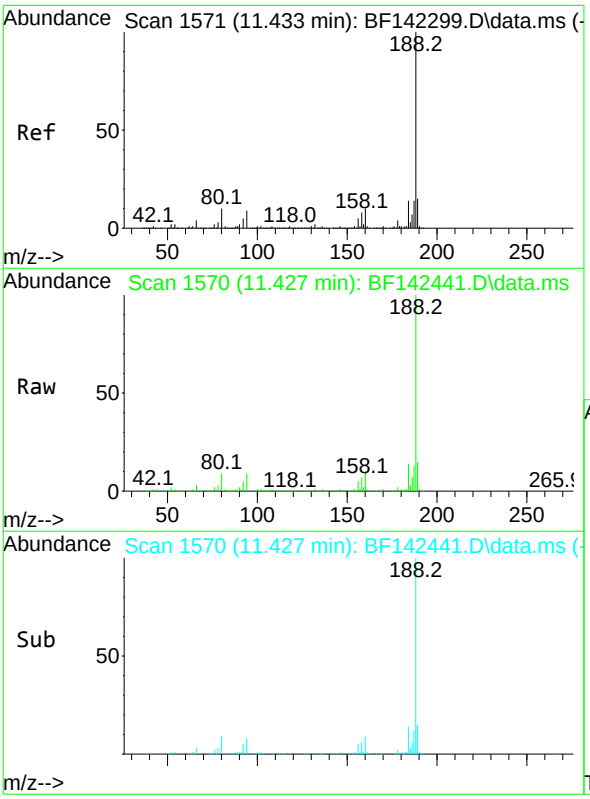
#63
Azobenzene
Concen: 38.321 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 664469

Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.9	46.9
105	22.4	2.7	42.7
51	33.5	14.7	54.7

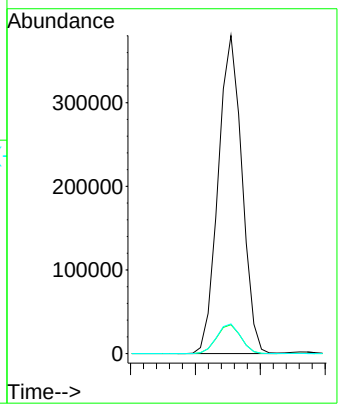


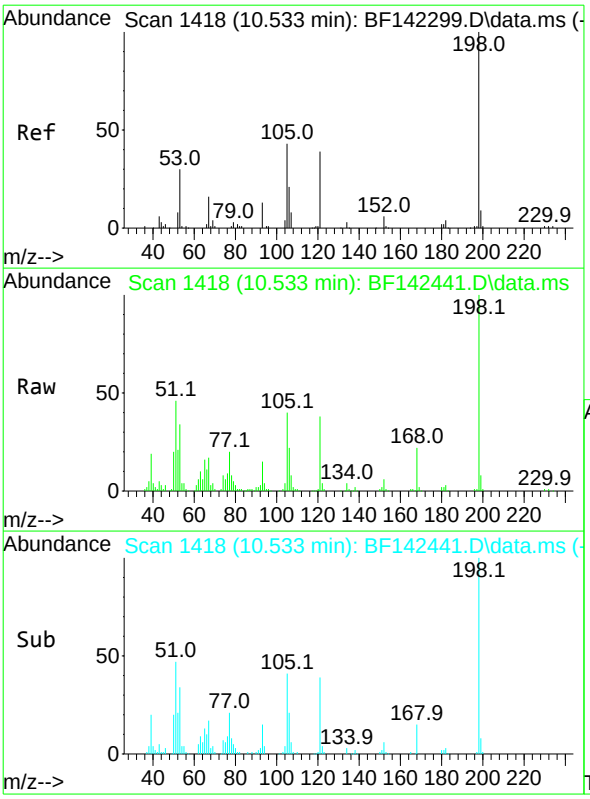


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:188 Resp: 485793

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	9.3	7.9	11.9



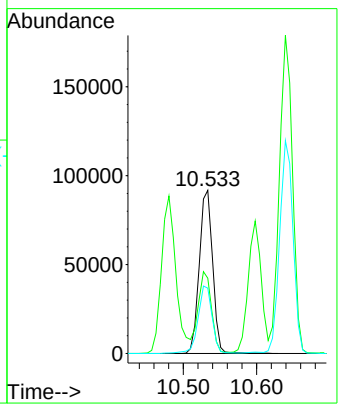


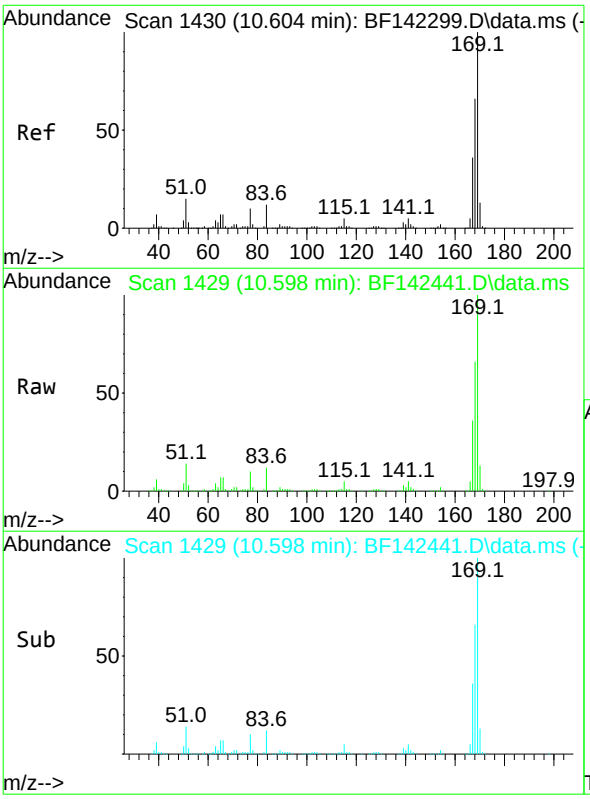
#65
4,6-Dinitro-2-methylphenol
Concen: 50.803 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 116161

Ion	Ratio	Lower	Upper
198	100		
51	46.1	32.9	72.9
105	40.1	23.7	63.7

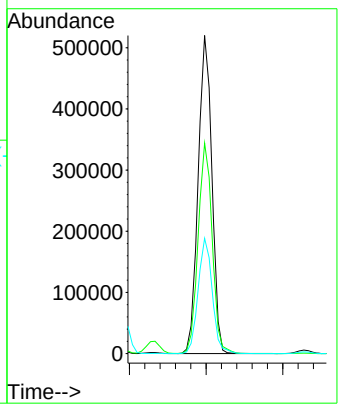


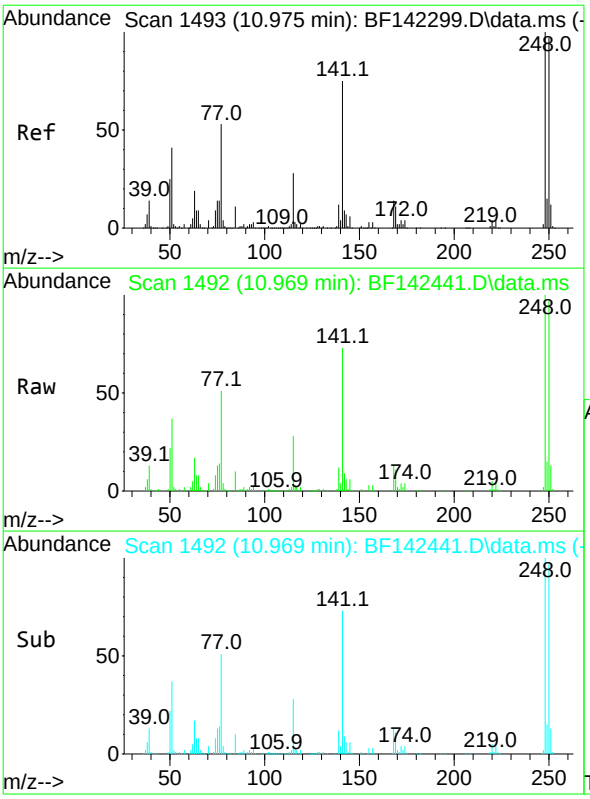


#66
n-Nitrosodiphenylamine
Concen: 40.005 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:169 Resp: 646688

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.2	79.8
167	36.2	28.9	43.3



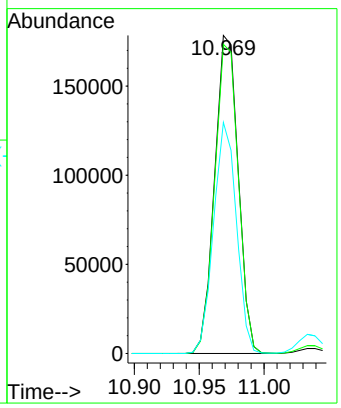


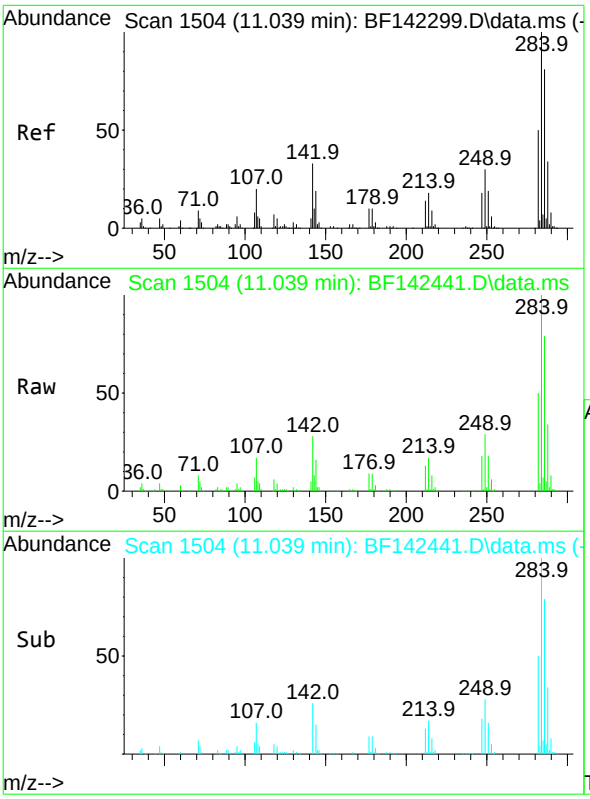
#67
4-Bromophenyl-phenylether
Concen: 41.092 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 226238

Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.9	116.9
141	72.6	59.8	89.8

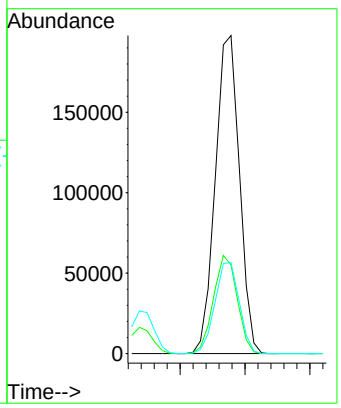


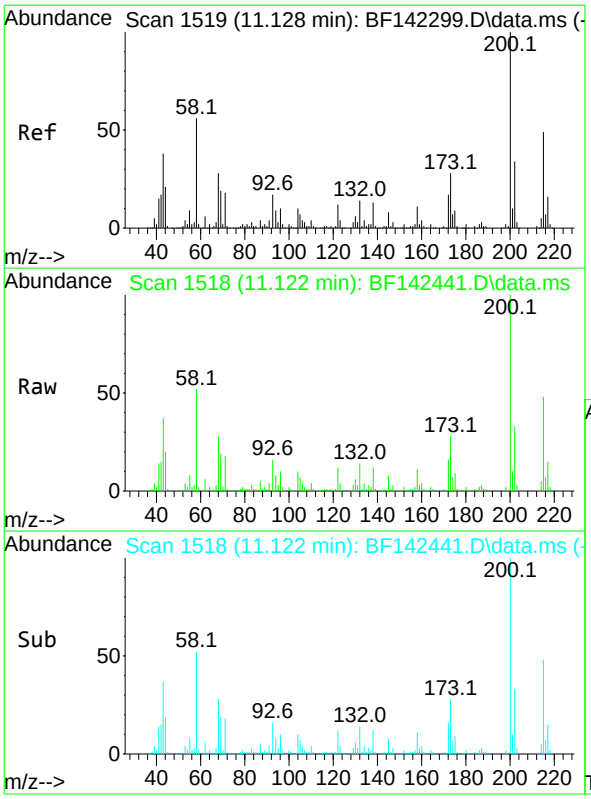


#68
Hexachlorobenzene
Concen: 42.193 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:284 Resp: 255524

Ion	Ratio	Lower	Upper
284	100		
142	27.9	26.6	39.8
249	28.6	24.1	36.1



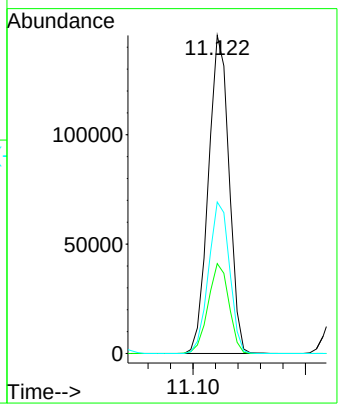


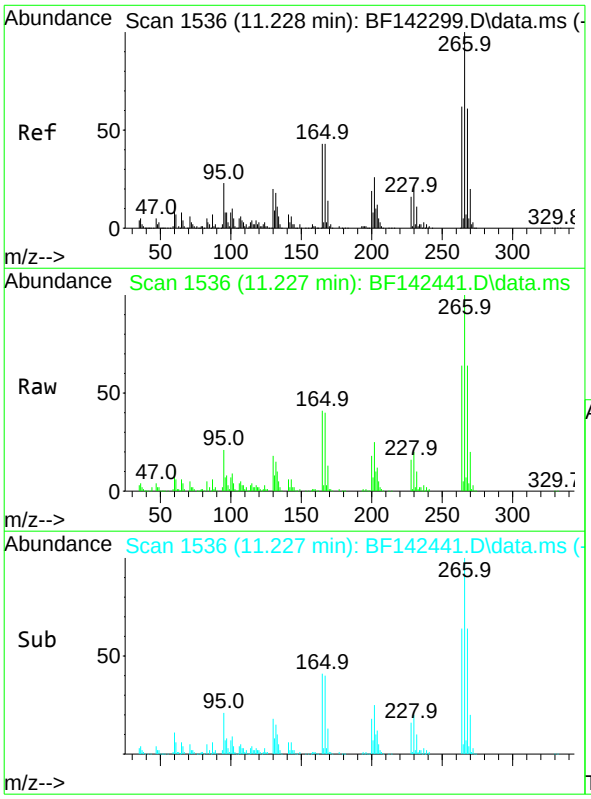
#69
Atrazine
Concen: 43.582 ng
RT: 11.122 min Scan# 15
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 185714

Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.1	48.1
215	47.6	28.8	68.8

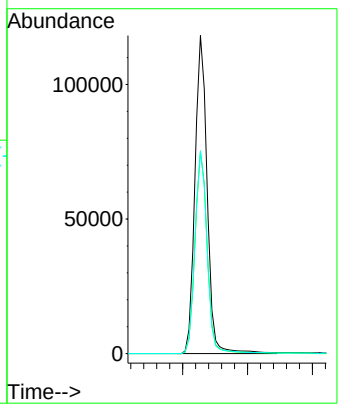


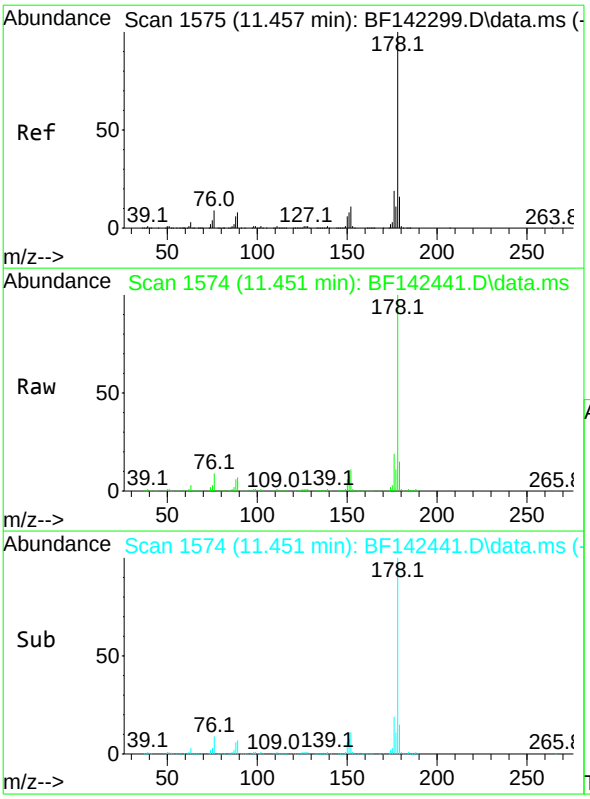


#70
Pentachlorophenol
Concen: 48.523 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:266 Resp: 154590

Ion	Ratio	Lower	Upper
266	100		
268	63.6	48.7	73.1
264	63.8	49.8	74.6



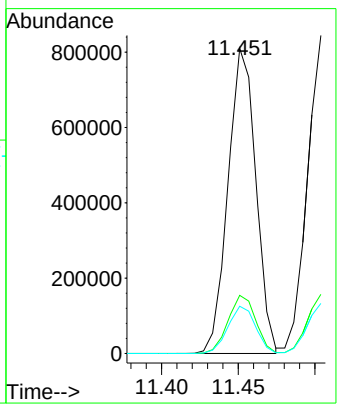


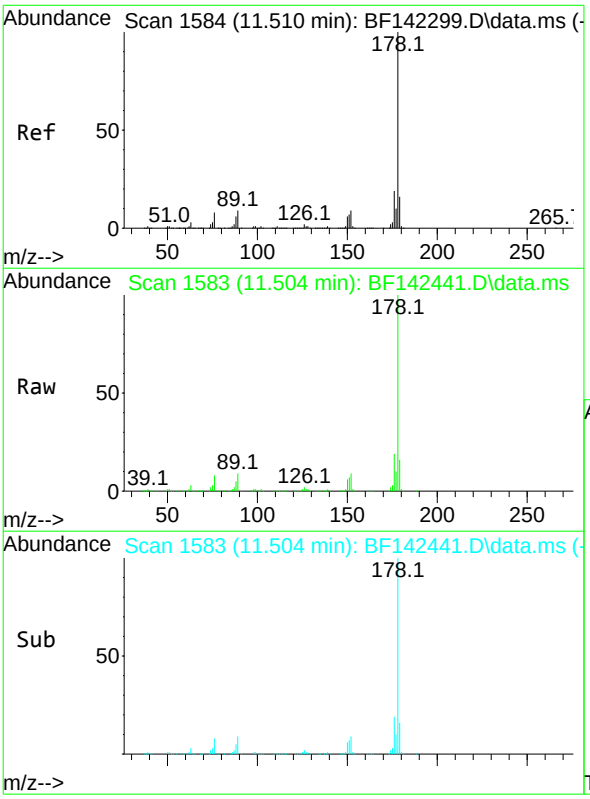
#71
Phenanthrene
Concen: 40.186 ng
RT: 11.451 min Scan# 15
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1023301

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.5	12.6	18.8

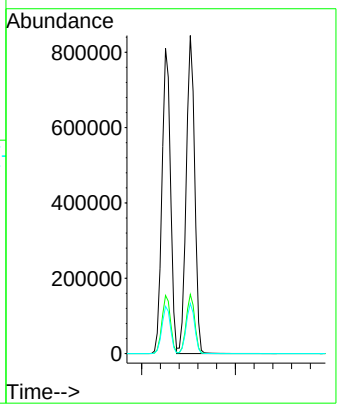


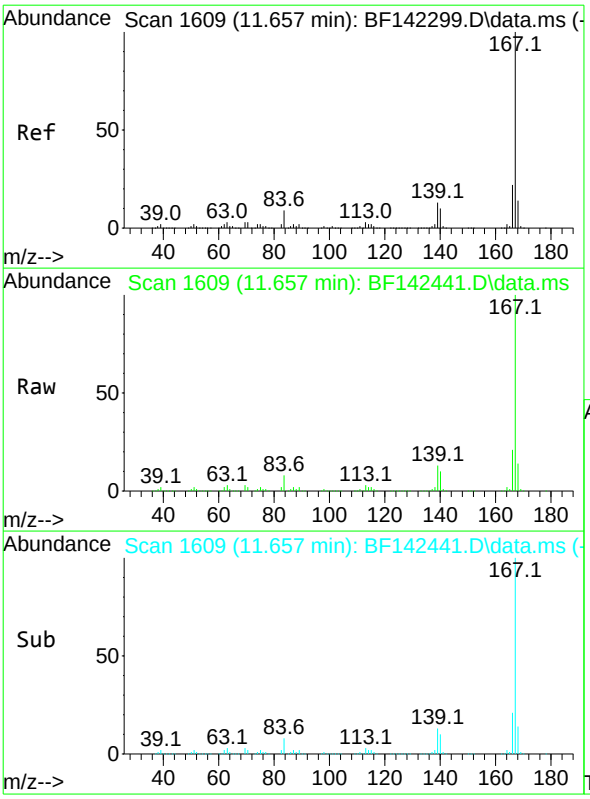


#72
Anthracene
Concen: 40.585 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:178 Resp: 1061876

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.7	12.6	18.8



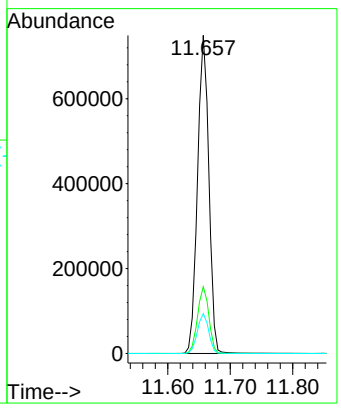


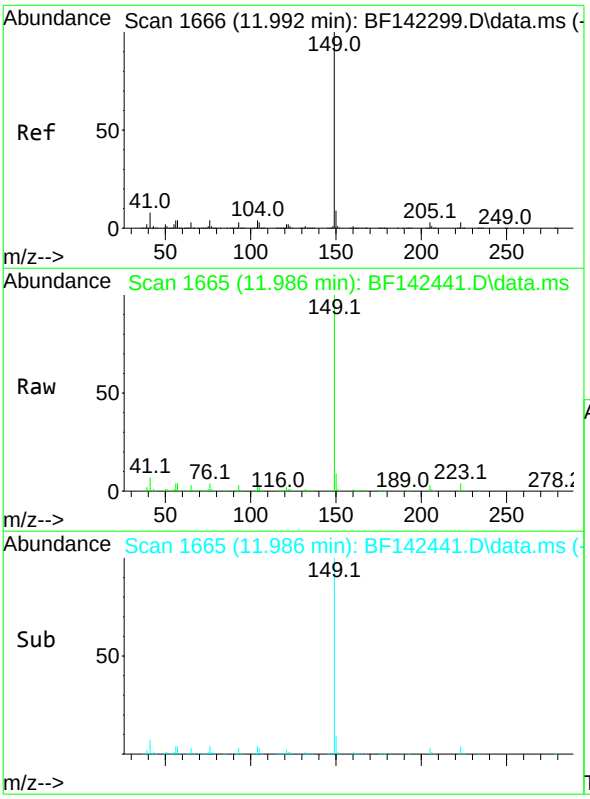
#73
Carbazole
Concen: 40.221 ng
RT: 11.657 min Scan# 16
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 944127

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.5	10.3	15.5

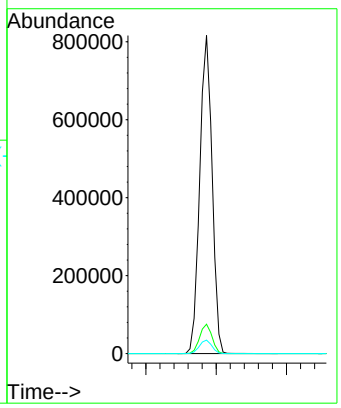


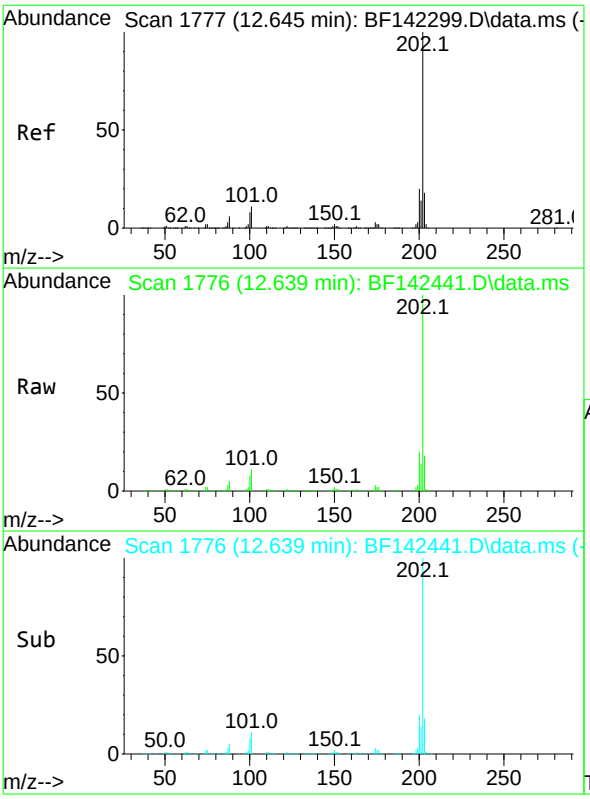


#74
Di-n-butylphthalate
Concen: 40.294 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:149 Resp: 994577

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.2	3.6	5.4



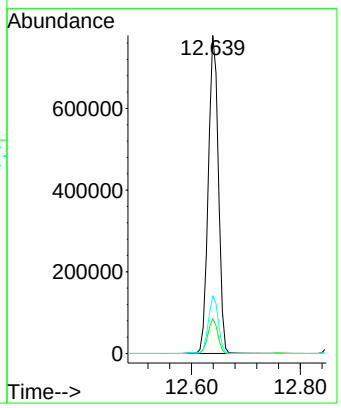


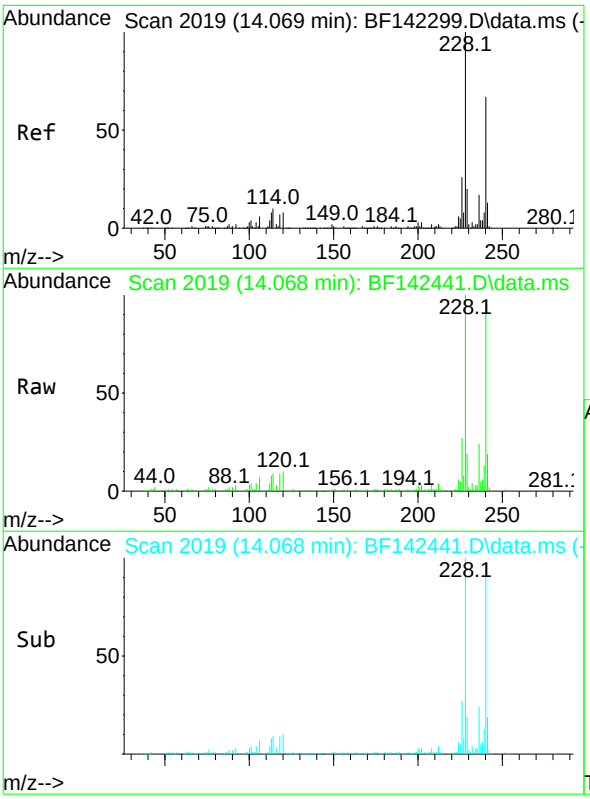
#75
Fluoranthene
Concen: 39.290 ng
RT: 12.639 min Scan# 17
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1000110

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.4
203	18.0	0.0	37.9

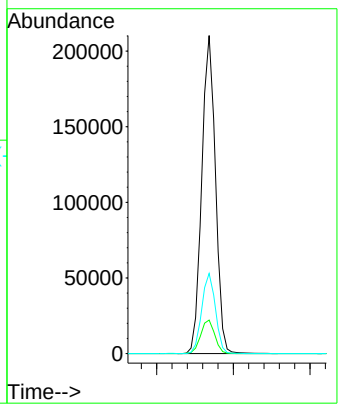


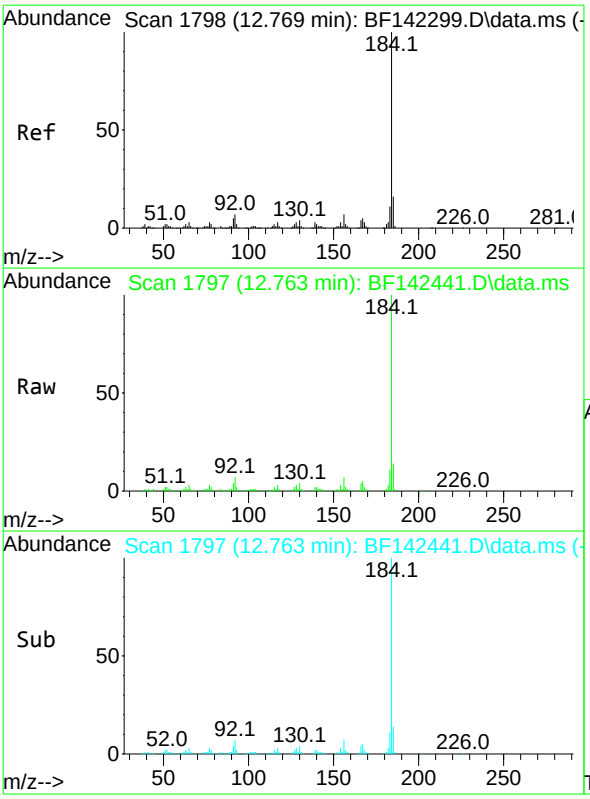


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:240 Resp: 261281

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.7	14.5
236	25.2	20.0	30.0



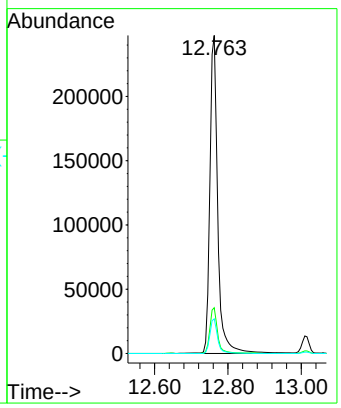


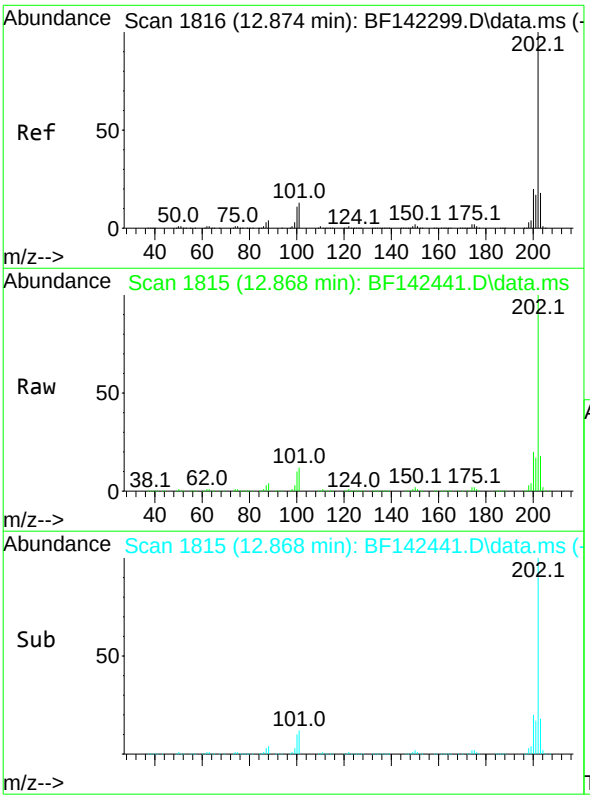
#77
Benzidine
Concen: 77.802 ng
RT: 12.763 min Scan# 17
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 369422

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	10.9	8.6	12.8

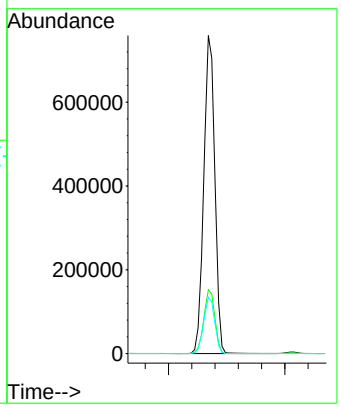


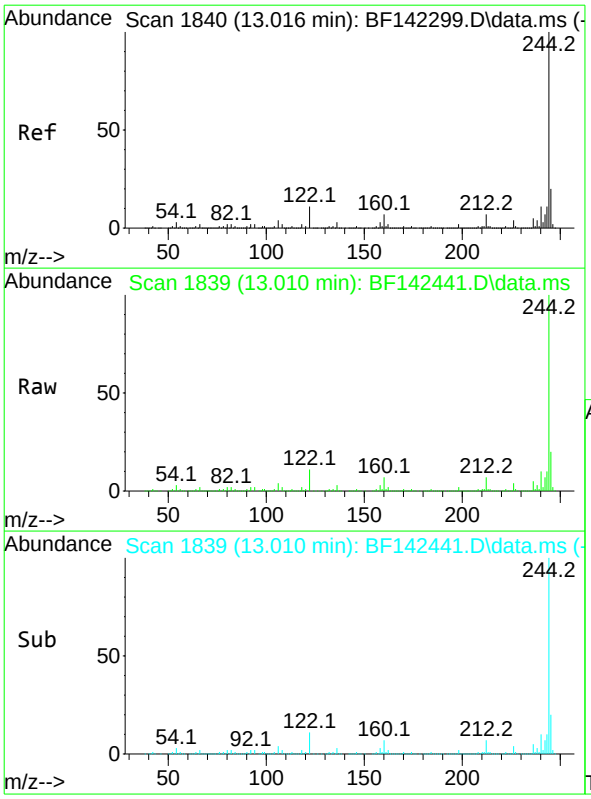


#78
Pyrene
Concen: 42.888 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:202 Resp: 997434

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.4
203	17.7	14.3	21.5



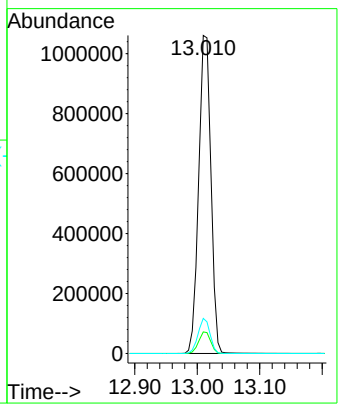


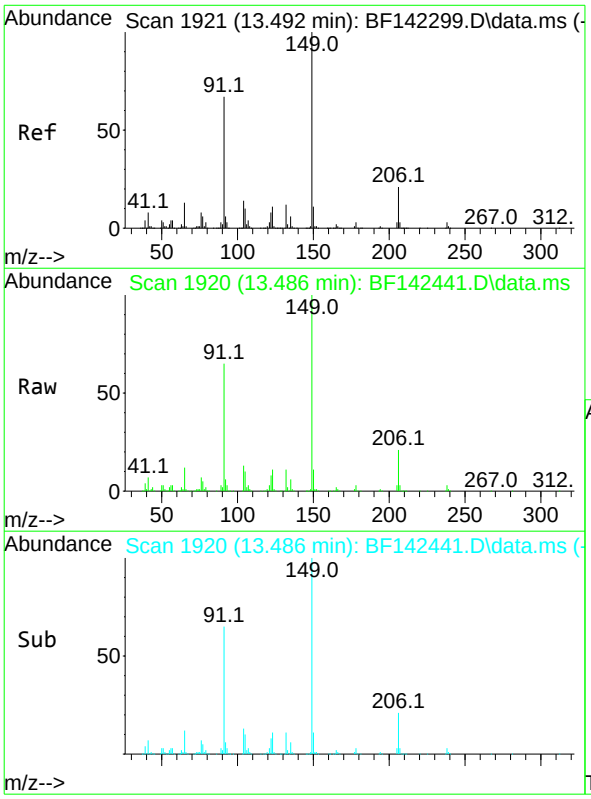
#79
Terphenyl-d14
Concen: 81.807 ng
RT: 13.010 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1444134

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.0	9.0	13.4

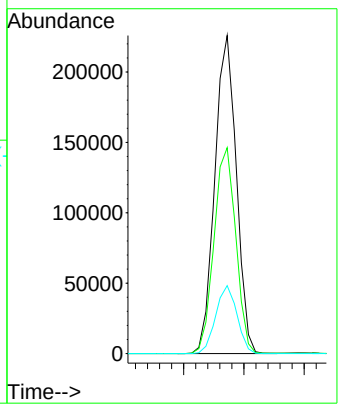


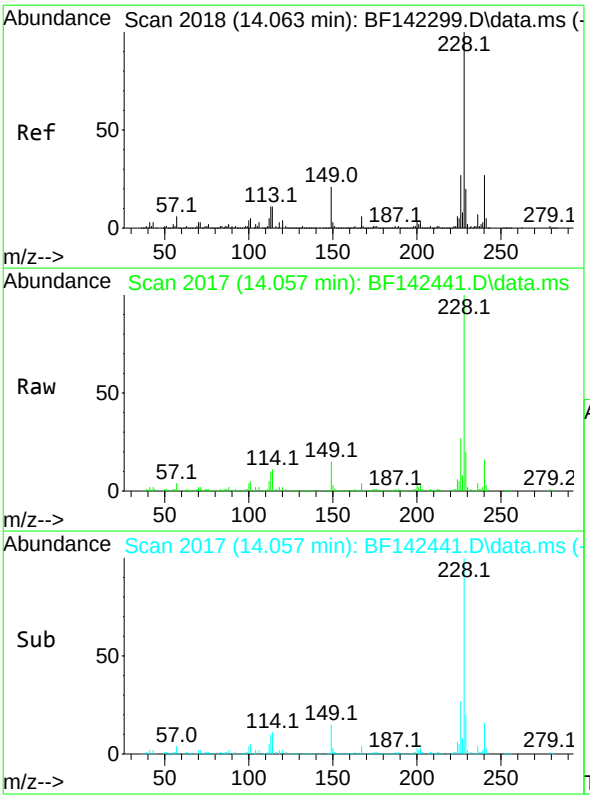


#80
Butylbenzylphthalate
Concen: 41.901 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:149 Resp: 280970

Ion	Ratio	Lower	Upper
149	100		
91	64.7	53.8	80.6
206	21.4	16.6	24.8



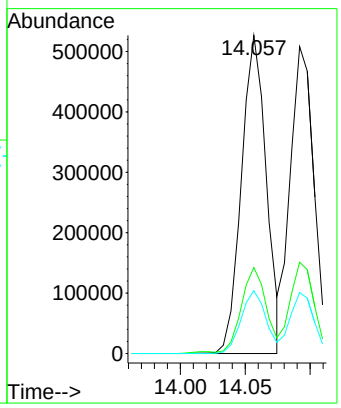


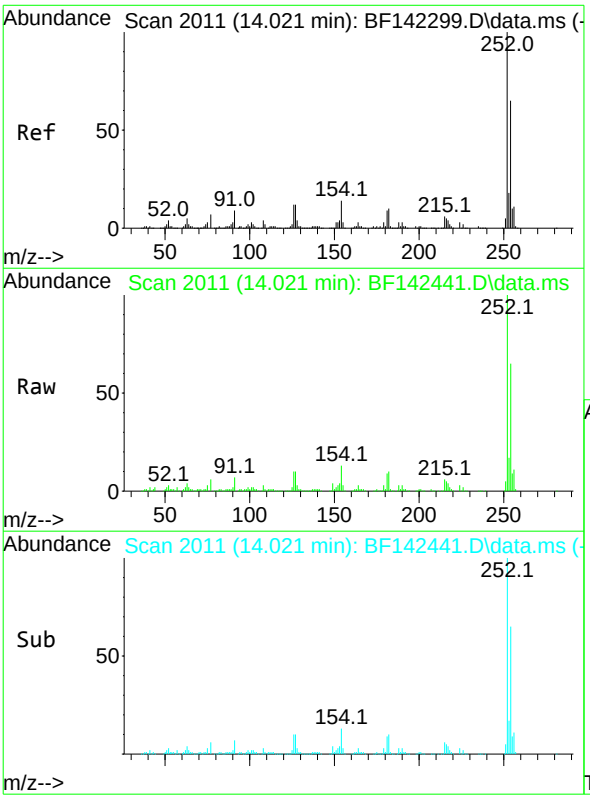
#81
Benzo(a)anthracene
Concen: 41.428 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 700998

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	19.7	15.9	23.9

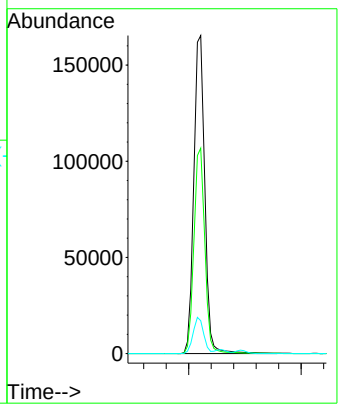


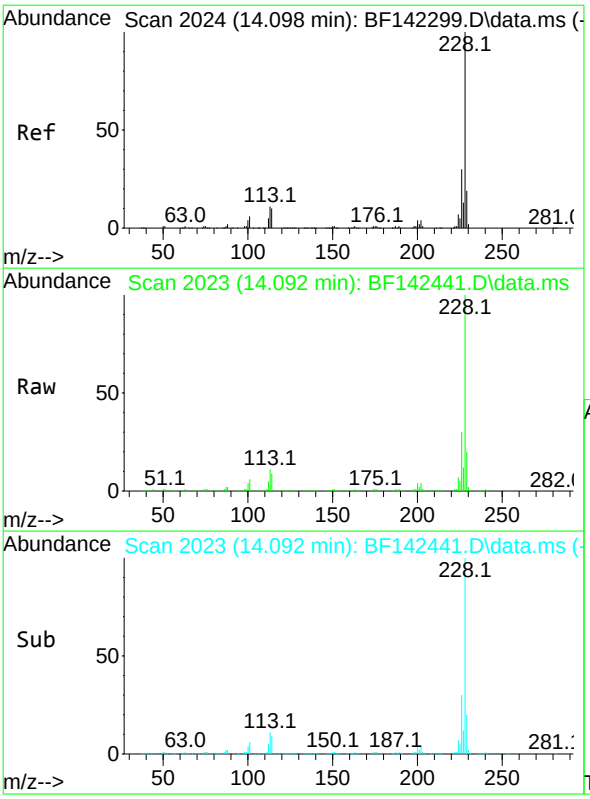


#82
3,3'-Dichlorobenzidine
Concen: 57.136 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:252 Resp: 224828

Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.0	78.0
126	10.3	9.7	14.5



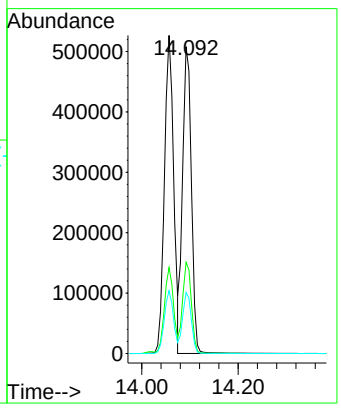


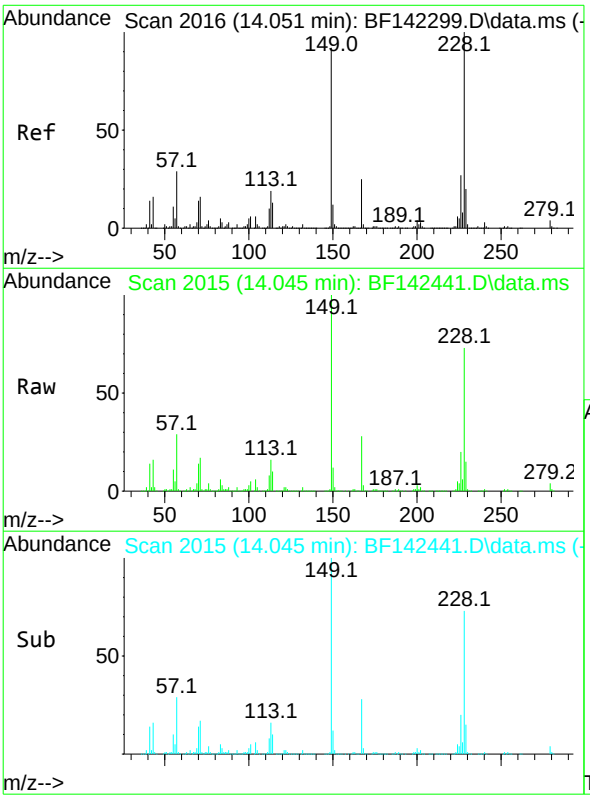
#83
Chrysene
Concen: 41.183 ng
RT: 14.092 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 648721

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	19.9	15.4	23.2

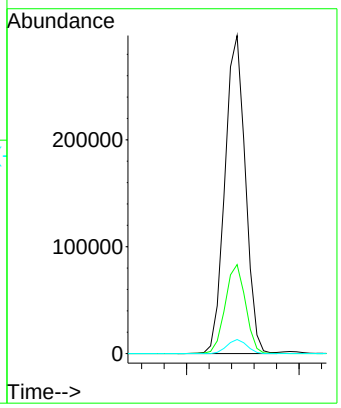


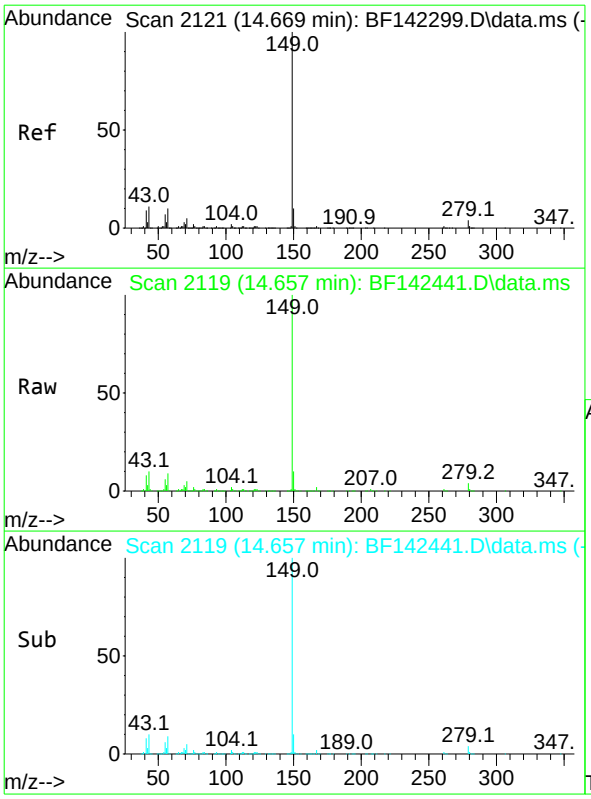


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.096 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:149 Resp: 376713

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.0	33.0
279	4.4	3.0	4.6



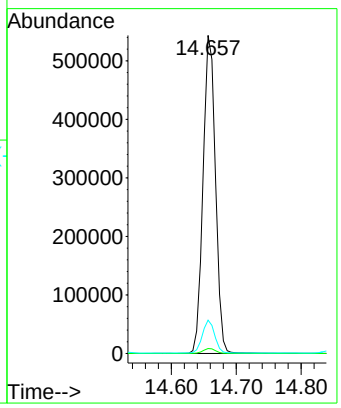


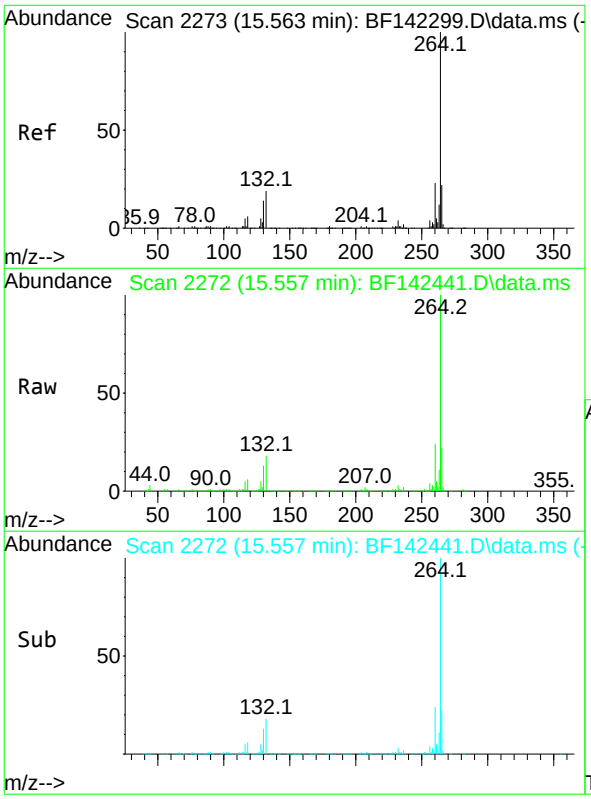
#85
Di-n-octyl phthalate
Concen: 45.748 ng
RT: 14.657 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 722027

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.1	1.7
43	10.3	9.2	13.8

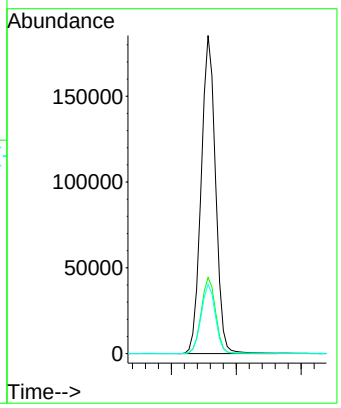


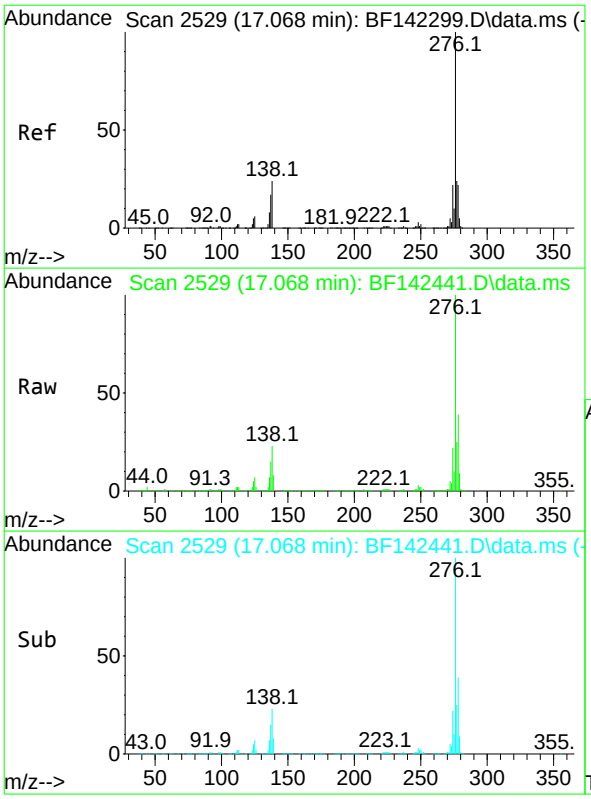


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:264 Resp: 285078

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.7	17.5	26.3



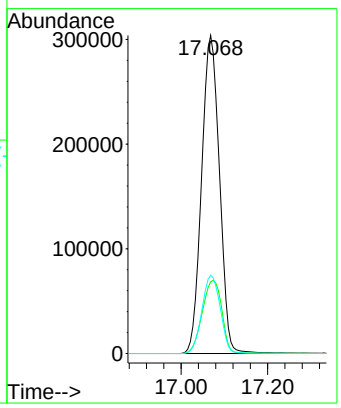


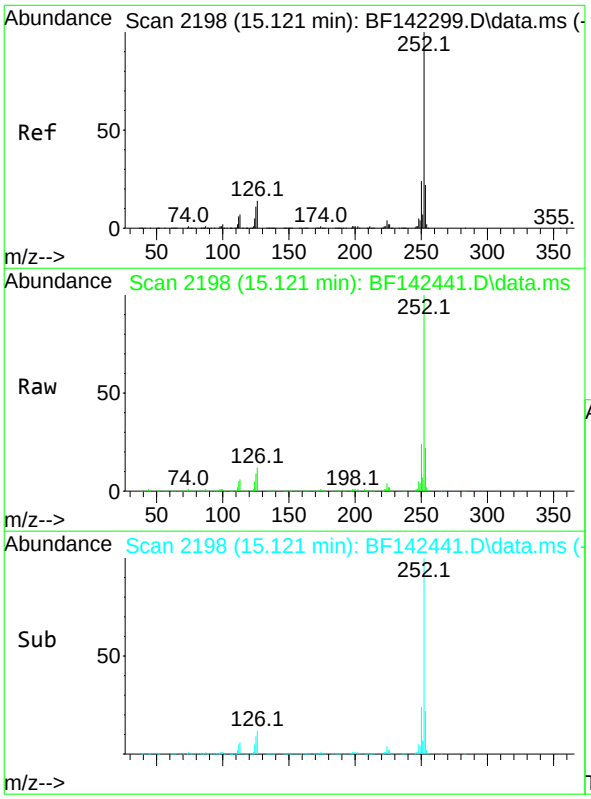
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.906 ng
RT: 17.068 min Scan# 25
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 870689

Ion	Ratio	Lower	Upper
276	100		
138	25.2	22.0	33.0
277	25.3	20.1	30.1

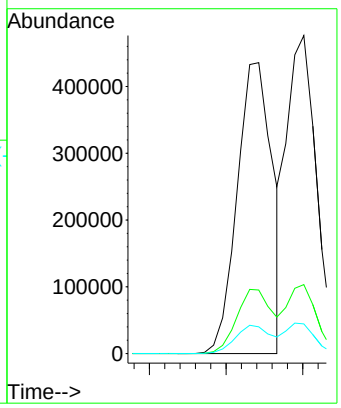


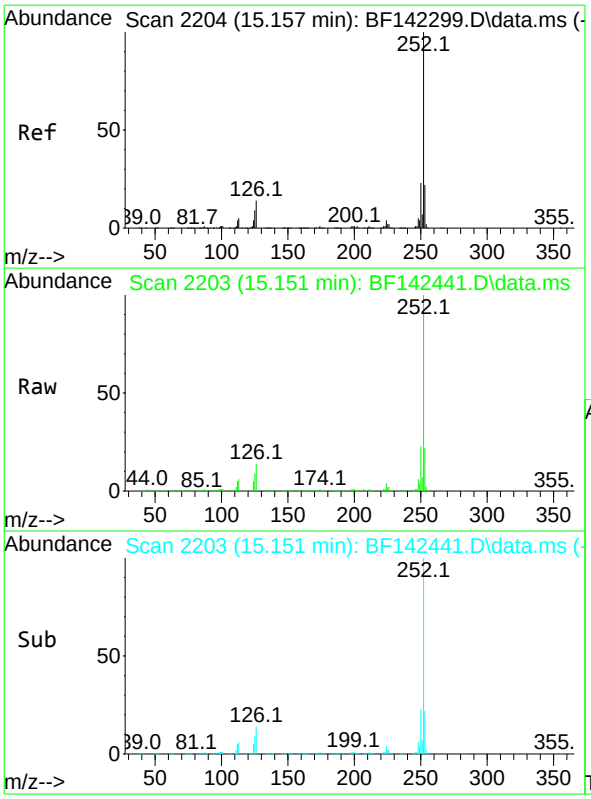


#88
Benzo(b)fluoranthene
Concen: 40.287 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:252 Resp: 695598

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.2	8.7	13.1



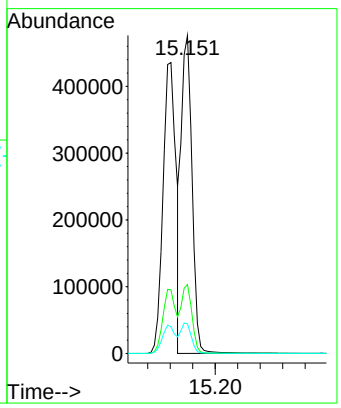


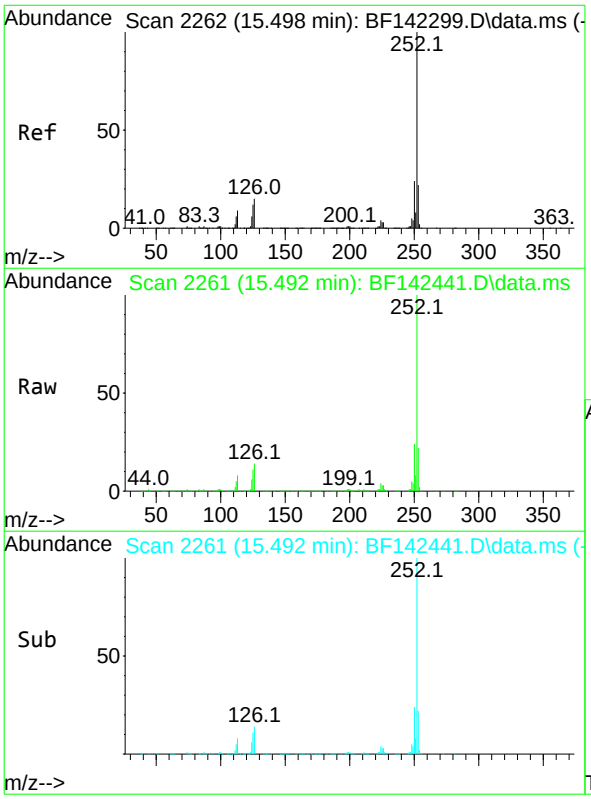
#89
Benzo(k)fluoranthene
Concen: 40.452 ng
RT: 15.151 min Scan# 22
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 639163

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.3	8.1	12.1

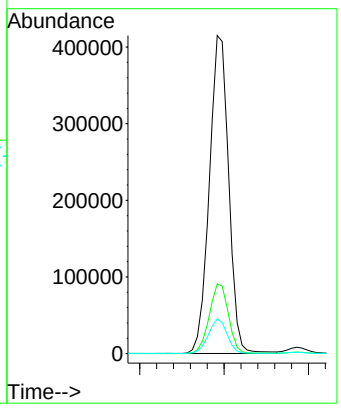


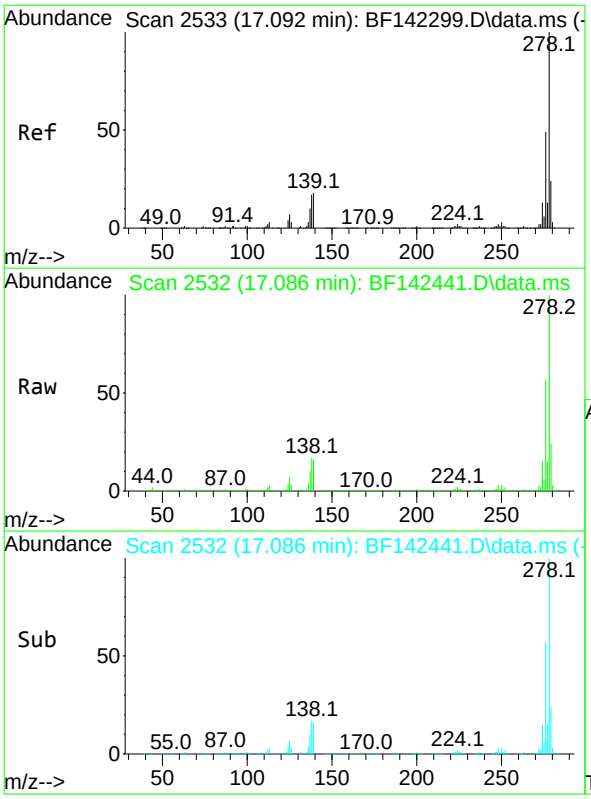


#90
Benzo(a)pyrene
Concen: 42.746 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:252 Resp: 661378

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.9	9.4	14.0



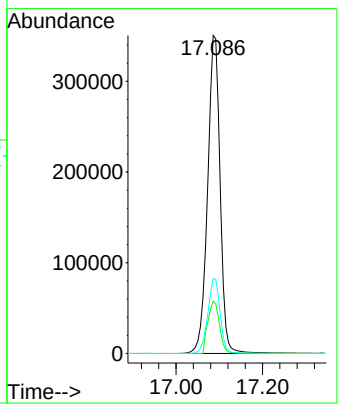


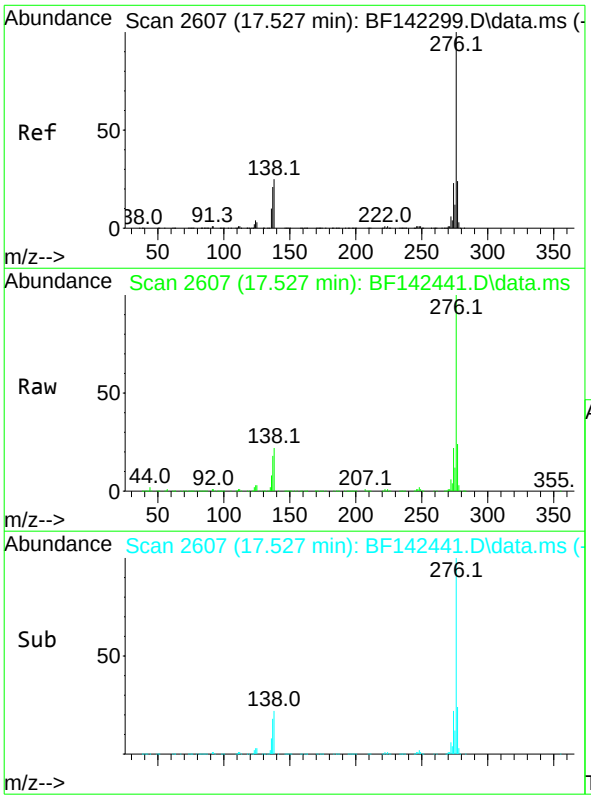
#91
Dibenzo(a,h)anthracene
Concen: 43.003 ng
RT: 17.086 min Scan# 25
Delta R.T. -0.006 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 704528

Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.5	21.7
279	23.5	18.9	28.3

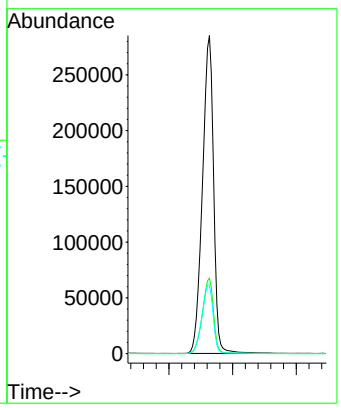




#92
Benzo(g,h,i)perylene
Concen: 42.505 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF142441.D
Acq: 19 May 2025 10:09

Tgt Ion:276 Resp: 691150

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	21.5	19.8	29.6



Sample Results: **BF142441.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142441.D
Acq On : 19 May 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 19 10:33:14 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	66	0.00
2		1,4-Dioxane	0.528	0.512	3.0	67	0.00
3		Pyridine	1.239	1.321	-6.6	74	0.00
4		n-Nitrosodimethylamine	0.720	0.678	5.8	64	0.00
5	S	2-Fluorophenol	1.172	1.227	-4.7	71	0.00
6		Aniline	1.413	2.007	-42.0#	90	0.00
7	S	Phenol-d6	1.441	1.481	-2.8	71	0.00
8		2-Chlorophenol	1.252	1.349	-7.7	72	0.00
9		Benzaldehyde	0.843	0.843	0.0	75	0.00
10	C	Phenol	1.527	1.710	-12.0	76	0.00
11		bis(2-Chloroethyl)ether	1.506	1.207	19.9	58	0.00
12		1,3-Dichlorobenzene	1.432	1.474	-2.9	72	0.00
13	C	1,4-Dichlorobenzene	1.438	1.494	-3.9	72	0.00
14		1,2-Dichlorobenzene	1.380	1.415	-2.5	70	0.00
15		Benzyl Alcohol	0.933	1.082	-16.0	76	0.00
16		2,2'-oxybis(1-Chloropropane	2.249	2.042	9.2	63	0.00
17		2-Methylphenol	1.014	1.039	-2.5	70	0.00
18		Hexachloroethane	0.478	0.514	-7.5	73	0.00
19	P	n-Nitroso-di-n-propylamine	0.891	0.862	3.3	66	0.00
20		3+4-Methylphenols	1.265	1.317	-4.1	71	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	64	0.00
22		Acetophenone	0.445	0.447	-0.4	68	0.00
23	S	Nitrobenzene-d5	0.328	0.377	-14.9	73	0.00
24		Nitrobenzene	0.309	0.344	-11.3	72	0.00
25		Isophorone	0.621	0.614	1.1	67	0.00
26	C	2-Nitrophenol	0.129	0.186	-44.2#	90	0.00
27		2,4-Dimethylphenol	0.312	0.324	-3.8	69	0.00
28		bis(2-Chloroethoxy)methane	0.399	0.383	4.0	65	0.00
29	C	2,4-Dichlorophenol	0.265	0.292	-10.2	71	0.00
30		1,2,4-Trichlorobenzene	0.299	0.315	-5.4	71	0.00
31		Naphthalene	0.969	0.992	-2.4	70	0.00
32		Benzoic acid	0.150	0.199	-32.7#	91	0.00
33		4-Chloroaniline	0.396	0.405	-2.3	67	-0.02
34	C	Hexachlorobutadiene	0.177	0.193	-9.0	73	0.00
35		Caprolactam	0.077	0.088	-14.3	71	0.00
36	C	4-Chloro-3-methylphenol	0.276	0.291	-5.4	70	0.00
37		2-Methylnaphthalene	0.602	0.611	-1.5	69	0.00
38		1-Methylnaphthalene	0.628	0.633	-0.8	68	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	62	0.00
40		1,2,4,5-Tetrachlorobenzene	0.559	0.585	-4.7	71	0.00
41	P	Hexachlorocyclopentadiene	0.345	0.409	-18.6	74	0.00
42	S	2,4,6-Tribromophenol	0.193	0.230	-19.2	75	0.00
43	C	2,4,6-Trichlorophenol	0.352	0.404	-14.8	72	0.00
44		2,4,5-Trichlorophenol	0.375	0.421	-12.3	72	0.00
45	S	2-Fluorobiphenyl	1.403	1.407	-0.3	69	0.00
46		1,1'-Biphenyl	1.533	1.550	-1.1	68	0.00
47		2-Chloronaphthalene	1.140	1.160	-1.8	68	0.00

Sample Results: **BF142441.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142441.D
Acq On : 19 May 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 19 10:33:14 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	0.353	-20.9	74	0.00
49		Acenaphthylene	1.908	1.943	-1.8	68	0.00
50		Dimethylphthalate	1.284	1.329	-3.5	69	0.00
51		2,6-Dinitrotoluene	0.240	0.295	-22.9	75	0.00
52	C	Acenaphthene	1.147	1.187	-3.5	69	0.00
53		3-Nitroaniline	0.282	0.335	-18.8	73	0.00
54	P	2,4-Dinitrophenol	0.102	0.157	-53.9#	101	0.00
55		Dibenzofuran	1.693	1.703	-0.6	68	0.00
56	P	4-Nitrophenol	0.212	0.259	-22.2	75	0.00
57		2,4-Dinitrotoluene	0.308	0.400	-29.9#	78	0.00
58		Fluorene	1.292	1.288	0.3	67	0.00
59		2,3,4,6-Tetrachlorophenol	0.309	0.355	-14.9	72	0.00
60		Diethylphthalate	1.283	1.281	0.2	66	0.00
61		4-Chlorophenyl-phenylether	0.623	0.625	-0.3	68	0.00
62		4-Nitroaniline	0.223	0.304	-36.3#	84	0.00
63		Azobenzene	1.226	1.174	4.2	65	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	64	0.00
65		4,6-Dinitro-2-methylphenol	0.082	0.120	-46.3#	94	0.00
66	c	n-Nitrosodiphenylamine	0.666	0.666	0.0	68	0.00
67		4-Bromophenyl-phenylether	0.227	0.233	-2.6	69	0.00
68		Hexachlorobenzene	0.249	0.263	-5.6	71	0.00
69		Atrazine	0.175	0.191	-9.1	70	0.00
70	C	Pentachlorophenol	0.131	0.159	-21.4#	73	0.00
71		Phenanthrene	1.048	1.053	-0.5	68	0.00
72		Anthracene	1.077	1.093	-1.5	69	0.00
73		Carbazole	0.966	0.972	-0.6	67	0.00
74		Di-n-butylphthalate	1.016	1.024	-0.8	65	0.00
75	C	Fluoranthene	1.048	1.029	1.8	67	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	58	0.00
77		Benzidine	0.363	0.707	-94.8#	115	0.00
78		Pyrene	1.780	1.909	-7.2	65	0.00
79	S	Terphenyl-d14	1.351	1.382	-2.3	64	0.00
80		Butylbenzylphthalate	0.449	0.538	-19.8	67	0.00
81		Benzo(a)anthracene	1.295	1.341	-3.6	63	0.00
82		3,3'-Dichlorobenzidine	0.301	0.430	-42.9#	85	0.00
83		Chrysene	1.206	1.241	-2.9	66	0.00
84		Bis(2-ethylhexyl)phthalate	0.573	0.721	-25.8#	70	0.00
85	c	Di-n-octyl phthalate	1.057	1.382	-30.7#	78	-0.01
86	I	Perylene-d12	1.000	1.000	0.0	67	0.00
87		Indeno(1,2,3-cd)pyrene	1.391	1.527	-9.8	74	0.00
88		Benzo(b)fluoranthene	1.211	1.220	-0.7	70	0.00
89		Benzo(k)fluoranthene	1.109	1.121	-1.1	72	0.00
90	C	Benzo(a)pyrene	1.085	1.160	-6.9	73	0.00
91		Dibenzo(a,h)anthracene	1.149	1.236	-7.6	73	0.00
92		Benzo(g,h,i)perylene	1.141	1.212	-6.2	72	0.00

Sample Results: **BF142441.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142441.D
Acq On : 19 May 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 19 10:33:14 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: **BF142441.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142441.D
Acq On : 19 May 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 19 10:33:14 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	66	0.00
2		1,4-Dioxane	40.000	38.800	3.0	67	0.00
3		Pyridine	40.000	42.665	-6.7	74	0.00
4		n-Nitrosodimethylamine	40.000	37.650	5.9	64	0.00
5	S	2-Fluorophenol	80.000	83.767	-4.7	71	0.00
6		Aniline	40.000	56.792	-42.0#	90	0.00
7	S	Phenol-d6	80.000	82.229	-2.8	71	0.00
8		2-Chlorophenol	40.000	43.086	-7.7	72	0.00
9		Benzaldehyde	40.000	39.968	0.1	75	0.00
10	C	Phenol	40.000	44.781	-12.0	76	0.00
11		bis(2-Chloroethyl)ether	40.000	32.049	19.9	58	0.00
12		1,3-Dichlorobenzene	40.000	41.168	-2.9	72	0.00
13	C	1,4-Dichlorobenzene	40.000	41.544	-3.9	72	0.00
14		1,2-Dichlorobenzene	40.000	40.991	-2.5	70	0.00
15		Benzyl Alcohol	40.000	46.378	-15.9	76	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.307	9.2	63	0.00
17		2-Methylphenol	40.000	40.999	-2.5	70	0.00
18		Hexachloroethane	40.000	42.973	-7.4	73	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.668	3.3	66	0.00
20		3+4-Methylphenols	40.000	41.645	-4.1	71	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	64	0.00
22		Acetophenone	40.000	40.176	-0.4	68	0.00
23	S	Nitrobenzene-d5	80.000	91.858	-14.8	73	0.00
24		Nitrobenzene	40.000	44.572	-11.4	72	0.00
25		Isophorone	40.000	39.576	1.1	67	0.00
26	C	2-Nitrophenol	40.000	49.731	-24.3#	90	0.00
27		2,4-Dimethylphenol	40.000	41.523	-3.8	69	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.366	4.1	65	0.00
29	C	2,4-Dichlorophenol	40.000	44.045	-10.1	71	0.00
30		1,2,4-Trichlorobenzene	40.000	42.121	-5.3	71	0.00
31		Naphthalene	40.000	40.942	-2.4	70	0.00
32		Benzoic acid	40.000	47.644	-19.1	91	0.00
33		4-Chloroaniline	40.000	40.933	-2.3	67	-0.02
34	C	Hexachlorobutadiene	40.000	43.646	-9.1	73	0.00
35		Caprolactam	40.000	45.292	-13.2	71	0.00
36	C	4-Chloro-3-methylphenol	40.000	42.238	-5.6	70	0.00
37		2-Methylnaphthalene	40.000	40.602	-1.5	69	0.00
38		1-Methylnaphthalene	40.000	40.341	-0.9	68	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	62	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	41.860	-4.6	71	0.00
41	P	Hexachlorocyclopentadiene	40.000	47.375	-18.4	74	0.00
42	S	2,4,6-Tribromophenol	80.000	95.466	-19.3	75	0.00
43	C	2,4,6-Trichlorophenol	40.000	45.840	-14.6	72	0.00
44		2,4,5-Trichlorophenol	40.000	44.937	-12.3	72	0.00
45	S	2-Fluorobiphenyl	80.000	80.261	-0.3	69	0.00
46		1,1'-Biphenyl	40.000	40.433	-1.1	68	0.00
47		2-Chloronaphthalene	40.000	40.678	-1.7	68	0.00

Sample Results: **BF142441.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142441.D
Acq On : 19 May 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 19 10:33:14 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	48.333	-20.8	74	0.00
49		Acenaphthylene	40.000	40.729	-1.8	68	0.00
50		Dimethylphthalate	40.000	41.399	-3.5	69	0.00
51		2,6-Dinitrotoluene	40.000	49.139	-22.8	75	0.00
52	C	Acenaphthene	40.000	41.382	-3.5	69	0.00
53		3-Nitroaniline	40.000	47.463	-18.7	73	0.00
54	P	2,4-Dinitrophenol	40.000	52.757	-31.9#	101	0.00
55		Dibenzofuran	40.000	40.230	-0.6	68	0.00
56	P	4-Nitrophenol	40.000	48.796	-22.0	75	0.00
57		2,4-Dinitrotoluene	40.000	51.869	-29.7#	78	0.00
58		Fluorene	40.000	39.864	0.3	67	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	45.852	-14.6	72	0.00
60		Diethylphthalate	40.000	39.943	0.1	66	0.00
61		4-Chlorophenyl-phenylether	40.000	40.114	-0.3	68	0.00
62		4-Nitroaniline	40.000	54.345	-35.9#	84	0.00
63		Azobenzene	40.000	38.321	4.2	65	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	64	0.00
65		4,6-Dinitro-2-methylphenol	40.000	50.803	-27.0#	94	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.005	-0.0	68	0.00
67		4-Bromophenyl-phenylether	40.000	41.092	-2.7	69	0.00
68		Hexachlorobenzene	40.000	42.193	-5.5	71	0.00
69		Atrazine	40.000	43.582	-9.0	70	0.00
70	C	Pentachlorophenol	40.000	48.523	-21.3#	73	0.00
71		Phenanthrene	40.000	40.186	-0.5	68	0.00
72		Anthracene	40.000	40.585	-1.5	69	0.00
73		Carbazole	40.000	40.221	-0.6	67	0.00
74		Di-n-butylphthalate	40.000	40.294	-0.7	65	0.00
75	C	Fluoranthene	40.000	39.290	1.8	67	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	58	0.00
77		Benzidine	40.000	77.802	-94.5#	115	0.00
78		Pyrene	40.000	42.888	-7.2	65	0.00
79	S	Terphenyl-d14	80.000	81.807	-2.3	64	0.00
80		Butylbenzylphthalate	40.000	41.901	-4.8	67	0.00
81		Benzo(a)anthracene	40.000	41.428	-3.6	63	0.00
82		3,3'-Dichlorobenzidine	40.000	57.136	-42.8#	85	0.00
83		Chrysene	40.000	41.183	-3.0	66	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	43.096	-7.7	70	0.00
85	c	Di-n-octyl phthalate	40.000	45.748	-14.4	78	-0.01
86	I	Perylene-d12	20.000	20.000	0.0	67	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	43.906	-9.8	74	0.00
88		Benzo(b)fluoranthene	40.000	40.287	-0.7	70	0.00
89		Benzo(k)fluoranthene	40.000	40.452	-1.1	72	0.00
90	C	Benzo(a)pyrene	40.000	42.746	-6.9	73	0.00
91		Dibenzo(a,h)anthracene	40.000	43.003	-7.5	73	0.00
92		Benzo(g,h,i)perylene	40.000	42.505	-6.3	72	0.00

Sample Results: **BF142441.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142441.D
Acq On : 19 May 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 19 10:33:14 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

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: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG No.: Q2001

Instrument ID: BNA_P Calibration Date/Time: 05/19/2025 12:48

Lab File ID: BP024686.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
Pyridine	1.218	1.176		-3.4	
2-Fluorophenol	1.169	1.150		-1.6	
Phenol-d6	1.492	1.492		0.0	
1,4-Dichlorobenzene	1.536	1.497		-2.5	20.0
2-Methylphenol	1.105	1.105		0.0	
3+4-Methylphenols	1.503	1.498		-0.3	
Nitrobenzene-d5	0.396	0.371		-6.3	
Hexachloroethane	0.589	0.544		-7.6	
Nitrobenzene	0.348	0.326		-6.3	
Hexachlorobutadiene	0.213	0.203		-4.7	20.0
2,4,6-Trichlorophenol	0.376	0.389		3.5	20.0
2-Fluorobiphenyl	1.527	1.471		-3.7	
2,4,5-Trichlorophenol	0.419	0.420		0.2	
2,4-Dinitrotoluene	0.454	0.465		2.4	
2,4,6-Tribromophenol	0.339	0.350		3.2	
Hexachlorobenzene	0.299	0.295		-1.3	
Pentachlorophenol	0.168	0.164		-2.4	20.0
Terphenyl-d14	1.166	1.259		8.0	

All other compounds must meet a minimum RRF of 0.010.

Sample Results: **BP024686.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024686.D
Acq On : 19 May 2025 12:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 19 14:38:00 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	148955	20.000	ng		0.00
21) Naphthalene-d8	10.428	136	651543	20.000	ng		0.00
39) Acenaphthene-d10	14.292	164	426043	20.000	ng		-0.01
64) Phenanthrene-d10	17.092	188	875686	20.000	ng		0.00
76) Chrysene-d12	21.527	240	872281	20.000	ng		0.00
86) Perylene-d12	24.810	264	779874	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	685452	78.707	ng		0.00
7) Phenol-d6	6.863	99	889072	79.989	ng		0.01
23) Nitrobenzene-d5	8.805	82	966184	74.927	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	596739	82.620	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	2507287	77.102	ng		0.00
79) Terphenyl-d14	19.816	244	4391709	86.330	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	145677	35.623	ng		98
3) Pyridine	3.617	79	350313	38.632	ng		96
4) n-Nitrosodimethylamine	3.534	42	148599	37.120	ng		99
6) Aniline	6.999	93	555852	38.734	ng		99
8) 2-Chlorophenol	7.240	128	396752	40.131	ng		98
9) Benzaldehyde	6.811	77	276033	38.364	ng		99
10) Phenol	6.887	94	451200	39.330	ng		98
11) bis(2-Chloroethyl)ether	7.093	93	353209	37.469	ng		97
12) 1,3-Dichlorobenzene	7.546	146	435566	38.293	ng		99
13) 1,4-Dichlorobenzene	7.687	146	445903	38.977	ng		99
14) 1,2-Dichlorobenzene	8.005	146	427894	38.385	ng		100
15) Benzyl Alcohol	7.905	79	339203	40.159	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	421083	37.300	ng		98
17) 2-Methylphenol	8.116	107	329222	40.012	ng		98
18) Hexachloroethane	8.722	117	162073	36.970	ng		97
19) n-Nitroso-di-n-propyla...	8.457	70	296114	38.513	ng		99
20) 3+4-Methylphenols	8.446	107	446406	39.884	ng		99
22) Acetophenone	8.475	105	618238	37.987	ng	#	98
24) Nitrobenzene	8.846	77	425179	37.468	ng		96
25) Isophorone	9.369	82	842538	37.667	ng		99
26) 2-Nitrophenol	9.552	139	235757	42.398	ng		99
27) 2,4-Dimethylphenol	9.628	122	395068	40.297	ng		99
28) bis(2-Chloroethoxy)met...	9.846	93	497670	37.241	ng		99
29) 2,4-Dichlorophenol	10.104	162	383741	40.391	ng		97
30) 1,2,4-Trichlorobenzene	10.293	180	412457	38.526	ng		97
31) Naphthalene	10.475	128	1289180	38.183	ng		100
32) Benzoic acid	9.799	122	238678	36.998	ng		94
33) 4-Chloroaniline	10.599	127	554976	40.734	ng		99
34) Hexachlorobutadiene	10.757	225	264931	38.199	ng		97
35) Caprolactam	11.399	113	141941	41.294	ng		96
36) 4-Chloro-3-methylphenol	11.751	107	458991	39.617	ng		99
37) 2-Methylnaphthalene	12.087	142	844620	38.634	ng		98
38) 1-Methylnaphthalene	12.310	142	897341	38.361	ng		100
40) 1,2,4,5-Tetrachloroben...	12.469	216	483050	39.044	ng		100
41) Hexachlorocyclopentadiene	12.446	237	446152	59.472	ng		98
43) 2,4,6-Trichlorophenol	12.716	196	331738	41.398	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024686.D
Acq On : 19 May 2025 12:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 19 14:38:00 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

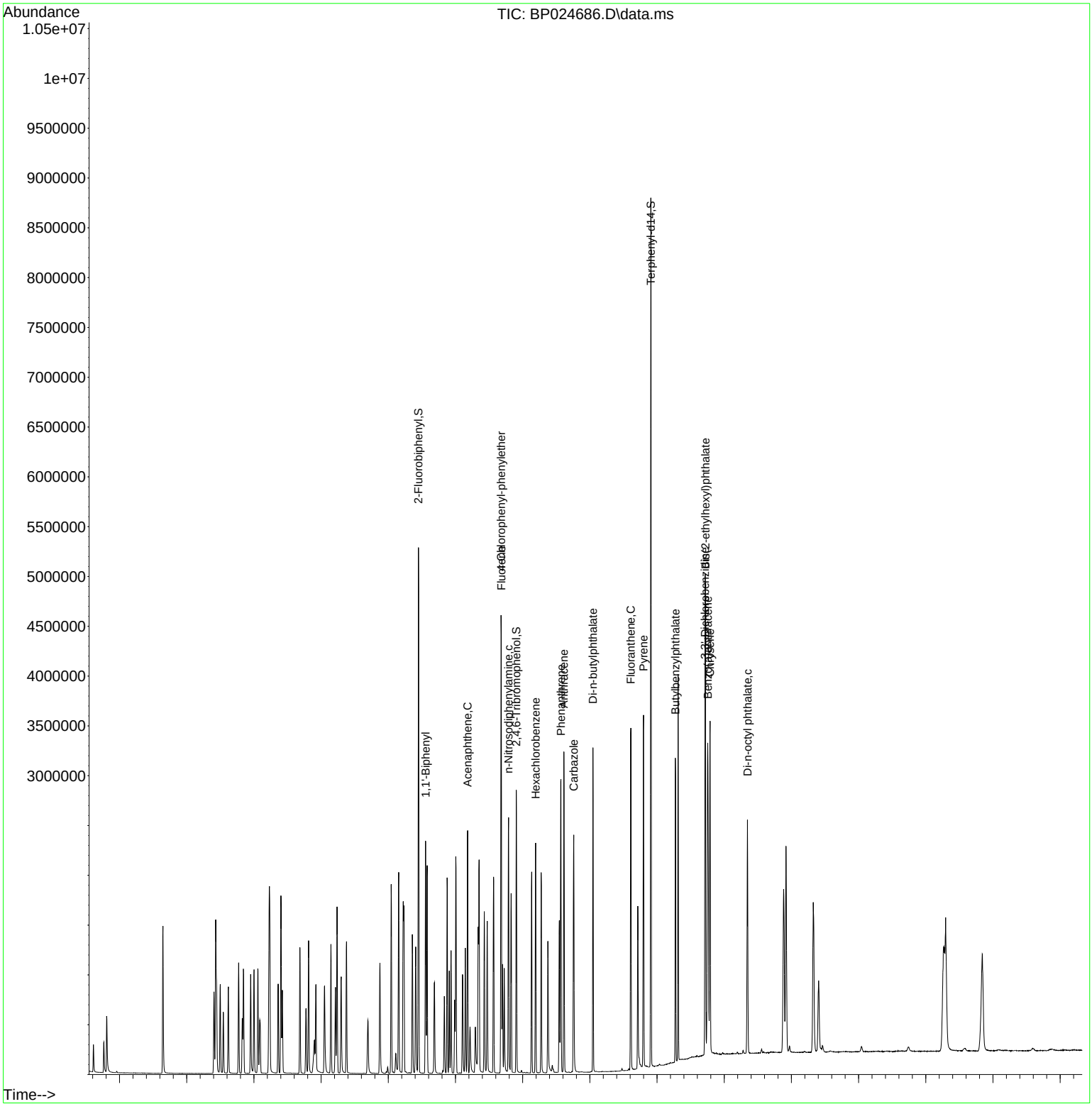
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	358296	40.168	ng		97
46) 1,1'-Biphenyl	13.110	154	1212140	38.494	ng		99
47) 2-Chloronaphthalene	13.157	162	936591	39.009	ng		100
48) 2-Nitroaniline	13.369	65	281236	39.564	ng		96
49) Acenaphthylene	14.010	152	1546043	38.478	ng		99
50) Dimethylphthalate	13.751	163	1219478	37.553	ng		100
51) 2,6-Dinitrotoluene	13.869	165	267422	38.993	ng		100
52) Acenaphthene	14.363	154	880942	38.138	ng		99
53) 3-Nitroaniline	14.210	138	284551	40.635	ng		99
54) 2,4-Dinitrophenol	14.434	184	147319	37.740	ng		96
55) Dibenzofuran	14.704	168	1412131	38.328	ng		98
56) 4-Nitrophenol	14.592	139	186704	33.400	ng		98
57) 2,4-Dinitrotoluene	14.675	165	396402	40.998	ng		95
58) Fluorene	15.363	166	1192750	39.702	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.945	232	330705	39.967	ng		97
60) Diethylphthalate	15.134	149	1273676	38.807	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	589348	39.337	ng		98
62) 4-Nitroaniline	15.398	138	291885	43.168	ng		99
63) Azobenzene	15.657	77	1043623	37.169	ng		96
65) 4,6-Dinitro-2-methylph...	15.451	198	231347	40.900	ng		99
66) n-Nitrosodiphenylamine	15.581	169	1025110	38.112	ng		99
67) 4-Bromophenyl-phenylether	16.269	248	404396	39.191	ng		98
68) Hexachlorobenzene	16.386	284	516422	39.386	ng		96
69) Atrazine	16.551	200	390518	39.617	ng		99
70) Pentachlorophenol	16.751	266	287810	39.104	ng		98
71) Phenanthrene	17.139	178	1834222	37.679	ng		100
72) Anthracene	17.228	178	1898802	38.768	ng		100
73) Carbazole	17.522	167	1742661	39.311	ng		99
74) Di-n-butylphthalate	18.092	149	2200144	38.591	ng		99
75) Fluoranthene	19.222	202	2164114	38.031	ng		99
77) Benzidine	19.427	184	1039374	43.749	ng		100
78) Pyrene	19.598	202	2200729	42.107	ng		100
80) Butylbenzylphthalate	20.545	149	994991	42.806	ng		97
81) Benzo(a)anthracene	21.510	228	2152203	39.294	ng		100
82) 3,3'-Dichlorobenzidine	21.427	252	793072	38.984	ng		100
83) Chrysene	21.580	228	2005387	38.624	ng		100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1380988	40.421	ng		100
85) Di-n-octyl phthalate	22.692	149	2024055	36.228	ng		99
87) Indeno(1,2,3-cd)pyrene	28.527	276	2231204	39.188	ng	#	92
88) Benzo(b)fluoranthene	23.768	252	1819580	40.762	ng		99
89) Benzo(k)fluoranthene	23.839	252	1877708	40.822	ng		100
90) Benzo(a)pyrene	24.651	252	1703325	39.731	ng		99
91) Dibenzo(a,h)anthracene	28.592	278	1814035	39.164	ng		99
92) Benzo(g,h,i)perylene	29.680	276	1801944	39.120	ng		99

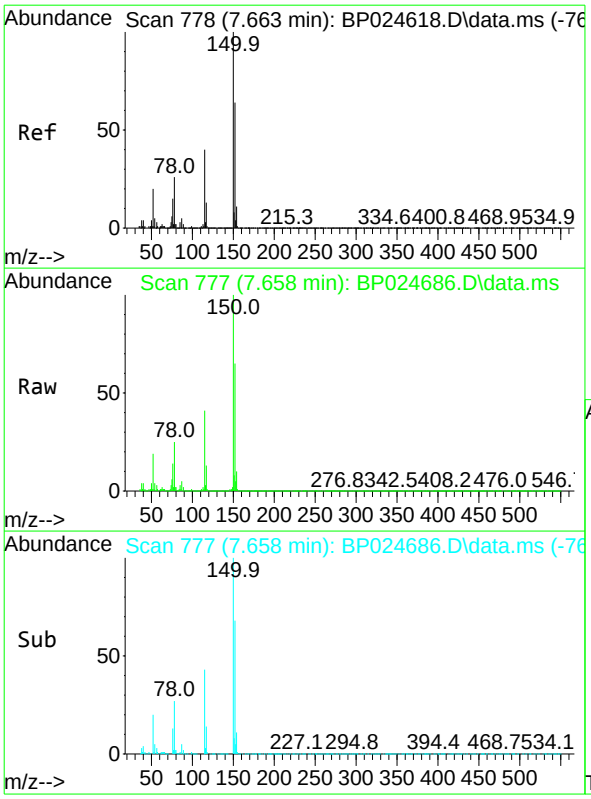
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024686.D
Acq On : 19 May 2025 12:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 19 14:38:00 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



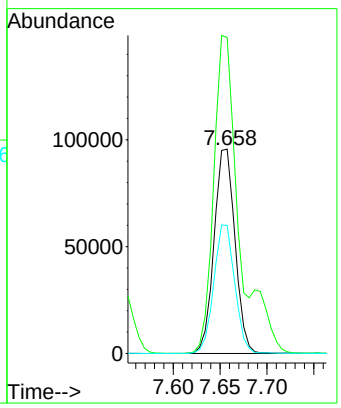


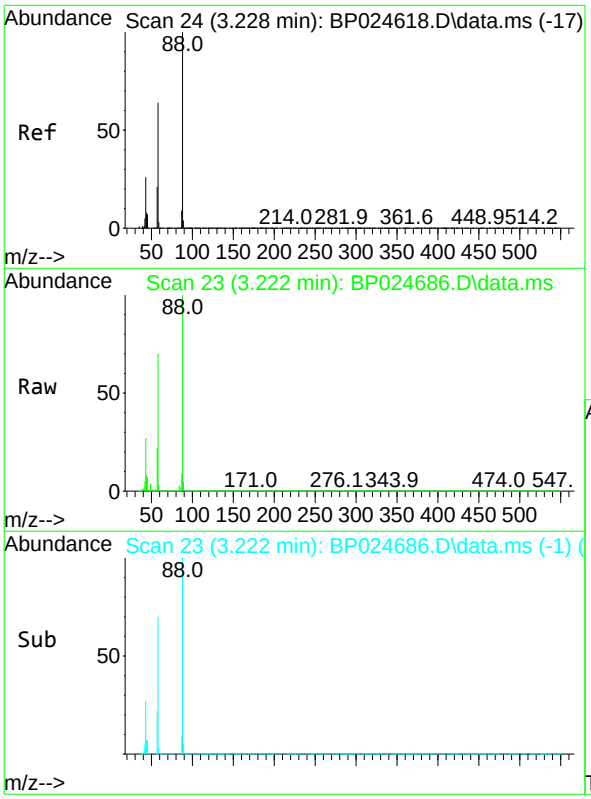
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 77
Delta R.T. -0.005 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 148955

Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.9	188.9
115	62.7	50.1	75.1

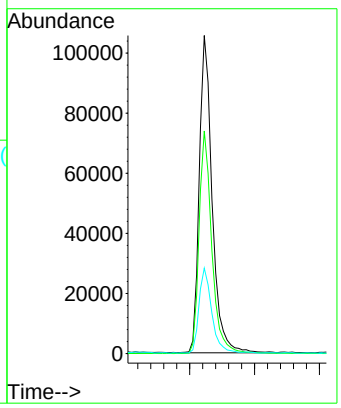


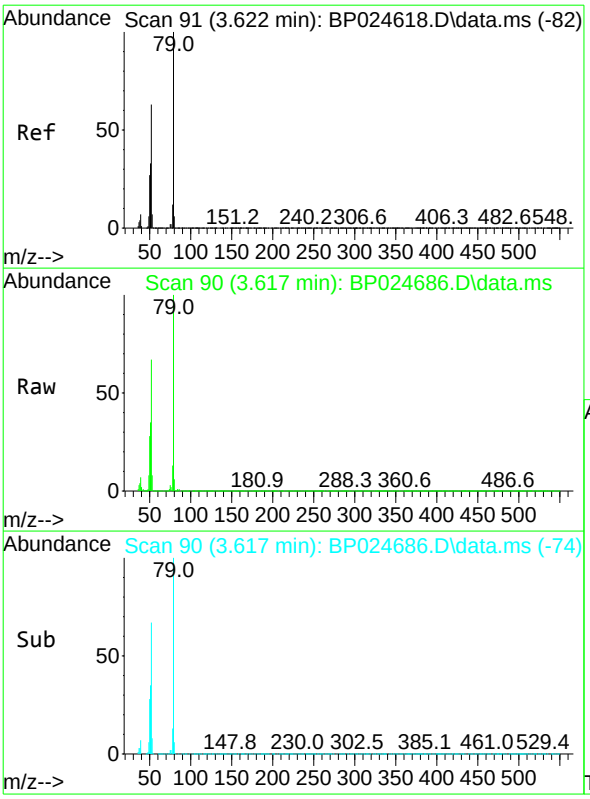


#2
1,4-Dioxane
Concen: 35.623 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion: 88 Resp: 145677

Ion	Ratio	Lower	Upper
88	100		
58	69.3	54.0	81.0
43	26.2	21.4	32.0



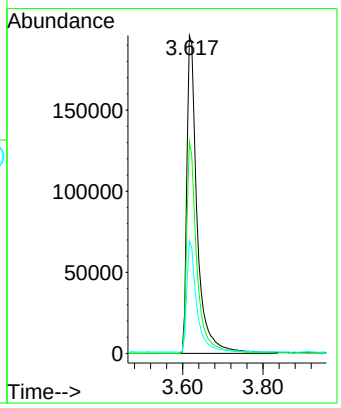


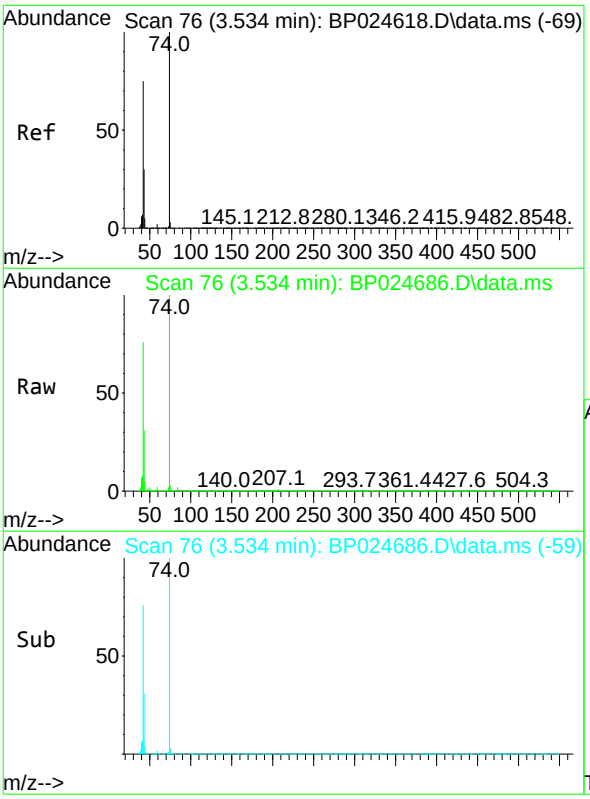
#3
Pyridine
Concen: 38.632 ng
RT: 3.617 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 350313

Ion	Ratio	Lower	Upper
79	100		
52	66.6	50.2	75.2
51	35.4	26.8	40.2

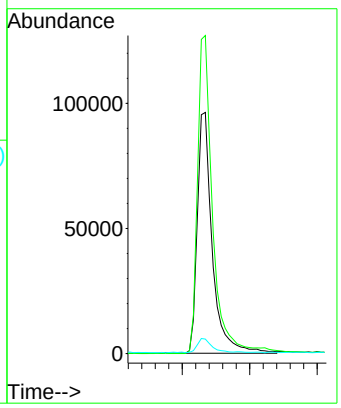


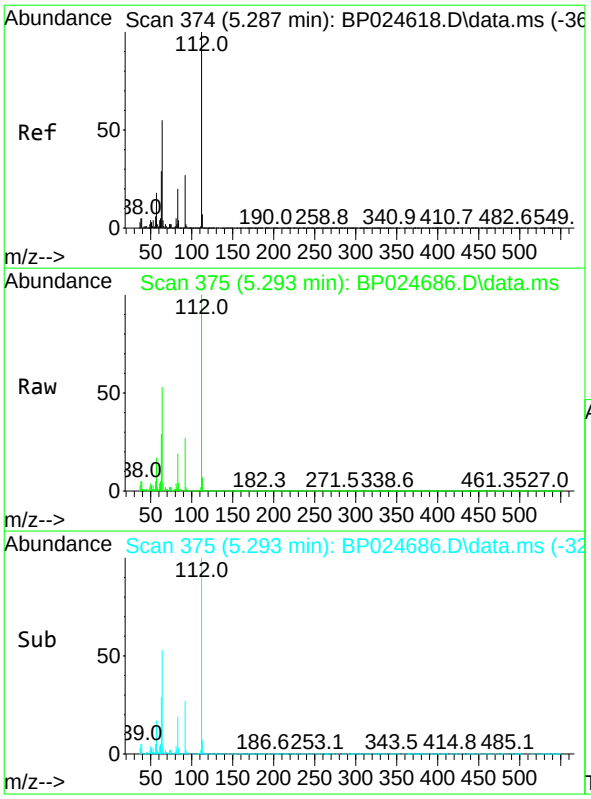


#4
n-Nitrosodimethylamine
Concen: 37.120 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion: 42 Resp: 148599

Ion	Ratio	Lower	Upper
42	100		
74	131.9	106.2	159.2
44	6.0	5.4	8.2



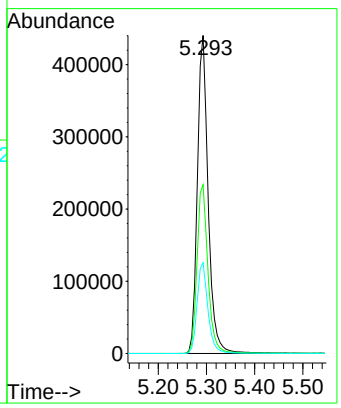


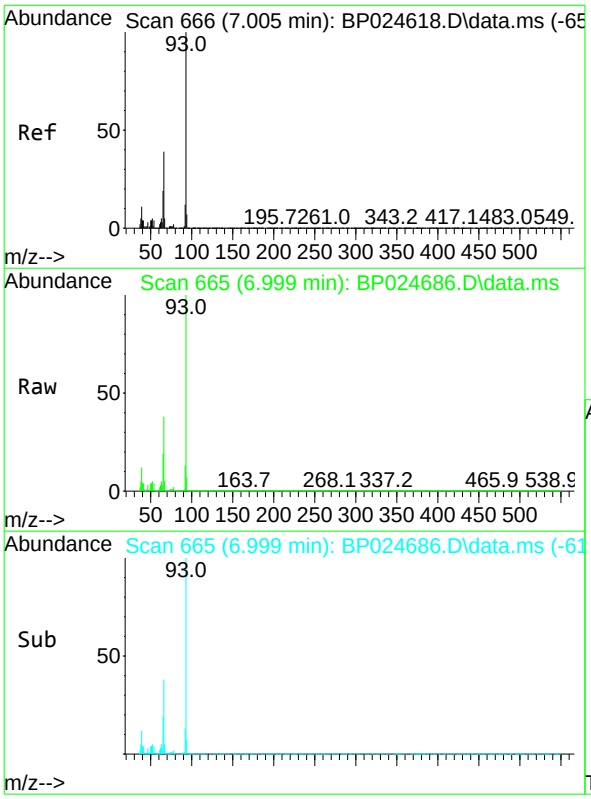
#5
2-Fluorophenol
Concen: 78.707 ng
RT: 5.293 min Scan# 37
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 685452

Ion	Ratio	Lower	Upper
112	100		
64	53.1	44.1	66.1
63	28.5	23.5	35.3

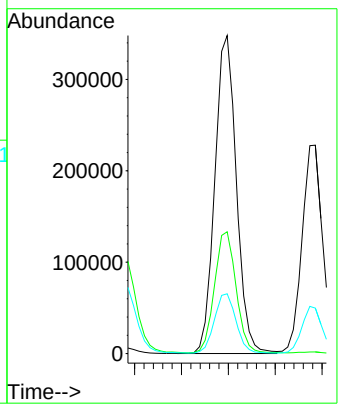


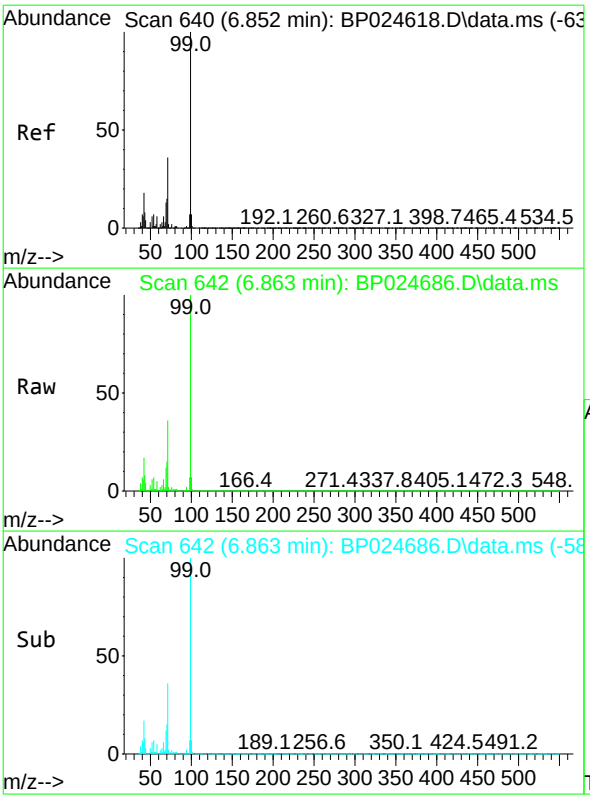


#6
Aniline
Concen: 38.734 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion: 93 Resp: 555852

Ion	Ratio	Lower	Upper
93	100		
66	38.3	31.0	46.6
65	18.8	15.5	23.3



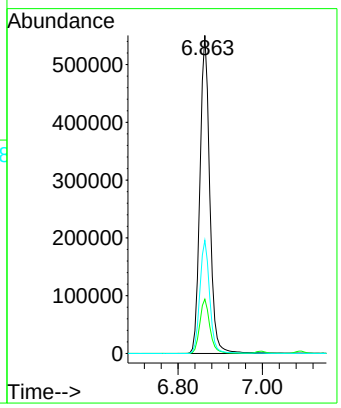


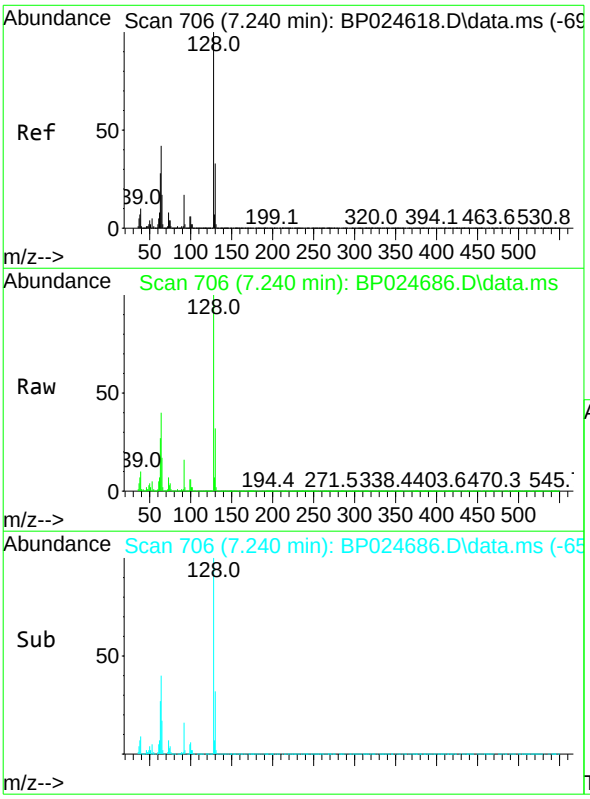
#7
Phenol-d6
Concen: 79.989 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 889072

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.4	21.6
71	35.6	29.2	43.8

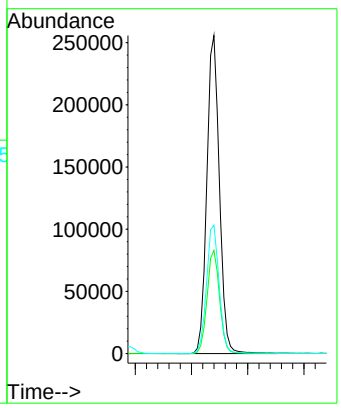


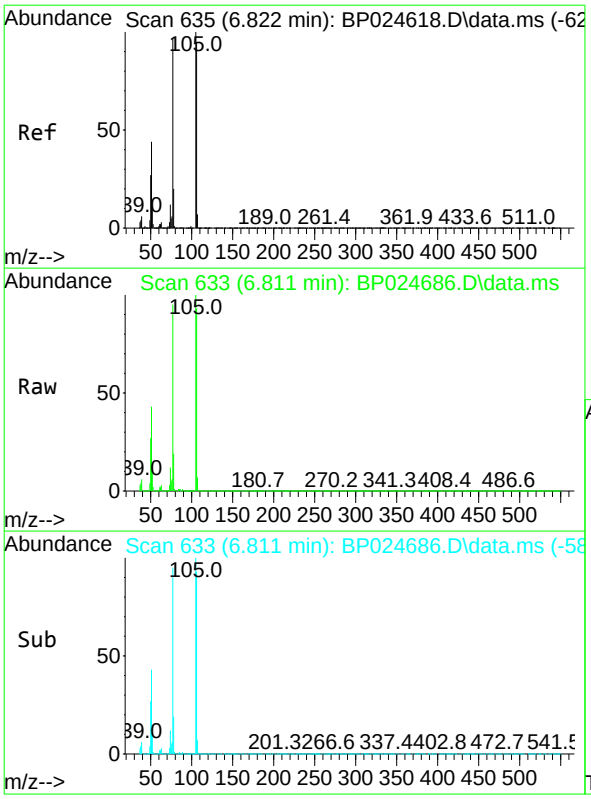


#8
2-Chlorophenol
Concen: 40.131 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:128 Resp: 396752

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	40.3	22.3	62.3



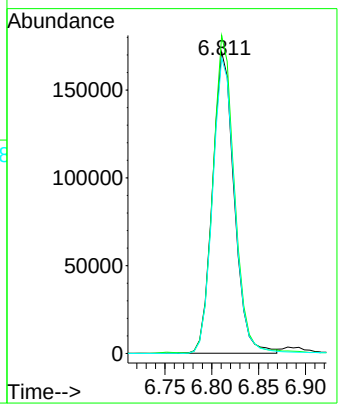


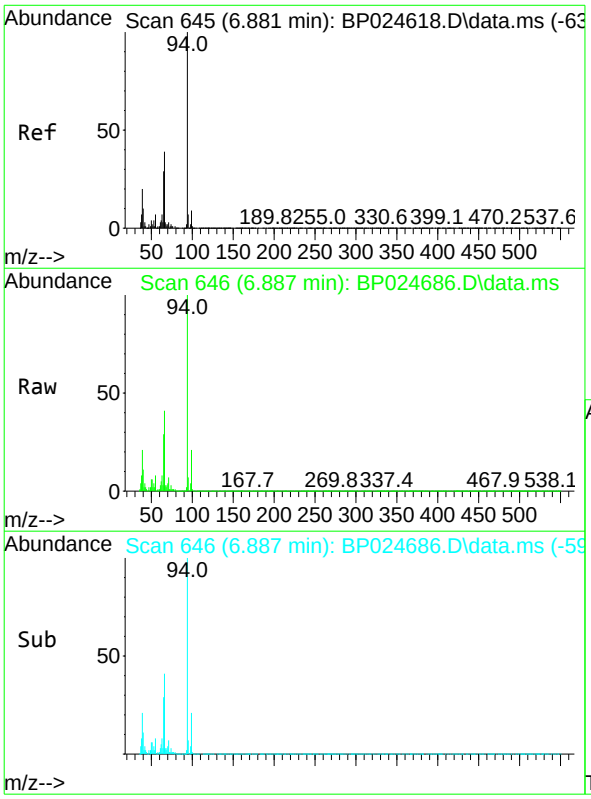
#9
Benzaldehyde
Concen: 38.364 ng
RT: 6.811 min Scan# 63
Delta R.T. -0.012 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 276033

Ion	Ratio	Lower	Upper
77	100		
105	105.5	83.3	123.3
106	98.1	78.0	118.0

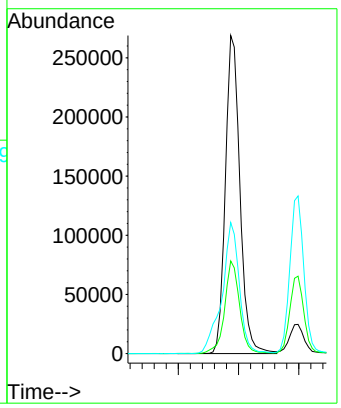


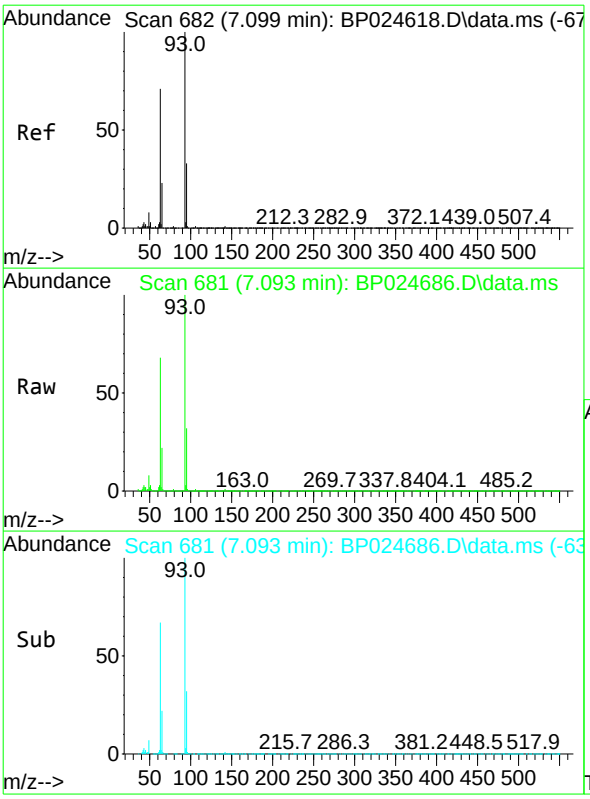


#10
Phenol
Concen: 39.330 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion: 94 Resp: 451200

Ion	Ratio	Lower	Upper
94	100		
65	29.1	8.7	48.7
66	41.2	19.4	59.4



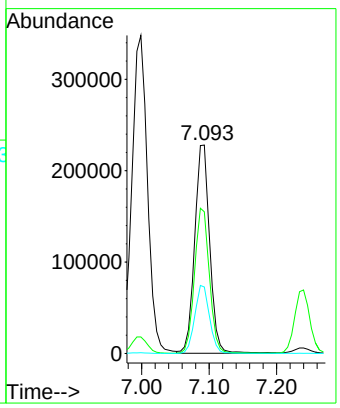


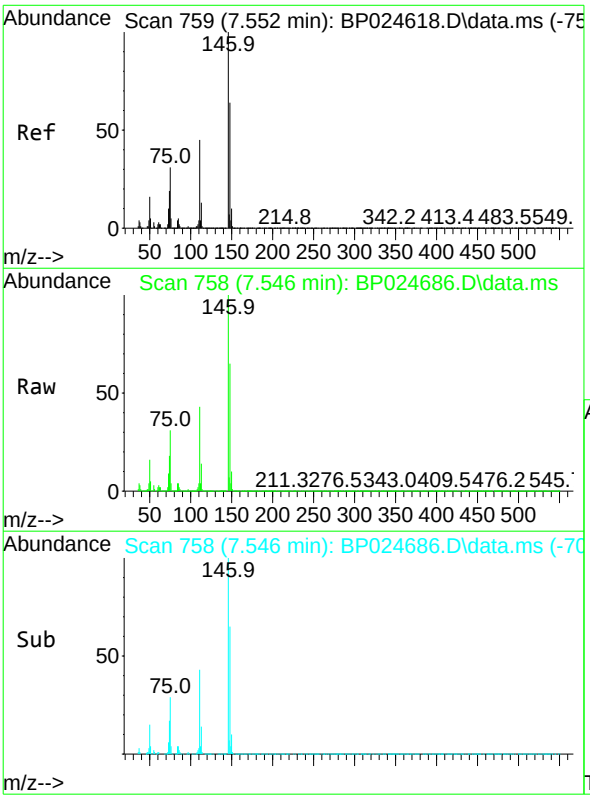
#11
bis(2-Chloroethyl)ether
Concen: 37.469 ng
RT: 7.093 min Scan# 68
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 353209

Ion	Ratio	Lower	Upper
93	100		
63	68.0	50.6	90.6
95	31.9	12.9	52.9

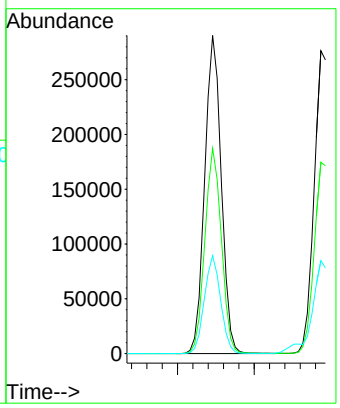


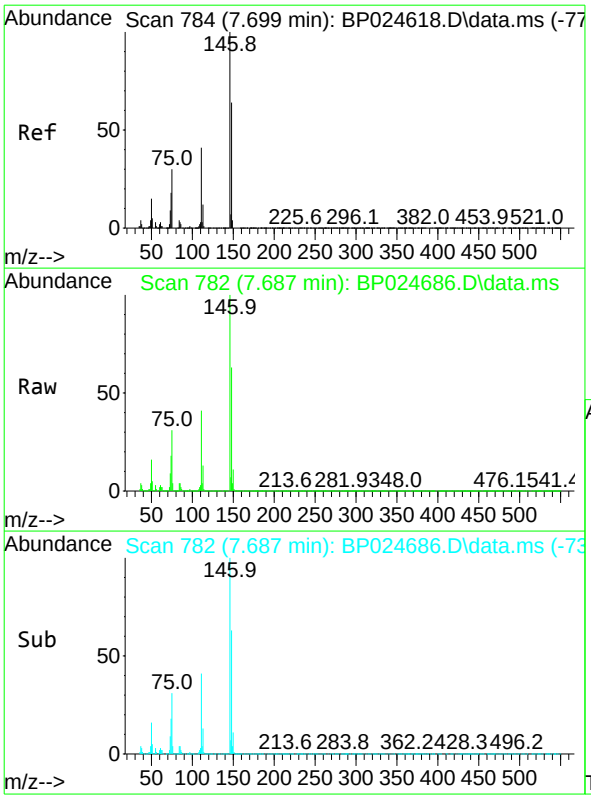


#12
1,3-Dichlorobenzene
Concen: 38.293 ng
RT: 7.546 min Scan# 758
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:146 Resp: 435566

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.2
75	30.8	25.2	37.8



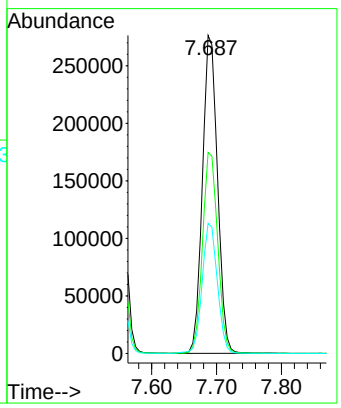


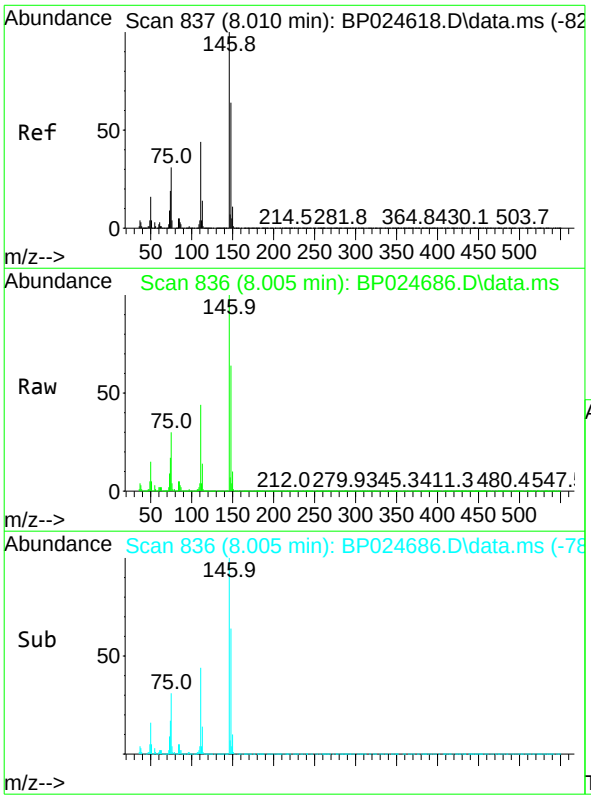
#13
1,4-Dichlorobenzene
Concen: 38.977 ng
RT: 7.687 min Scan# 78
Delta R.T. -0.012 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 445903

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.6
111	40.9	33.0	49.6

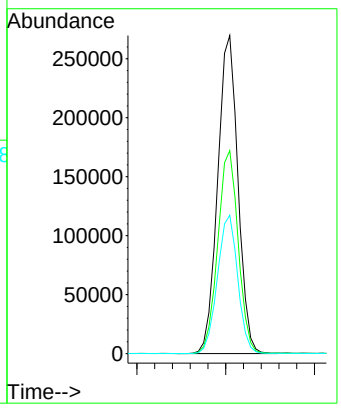


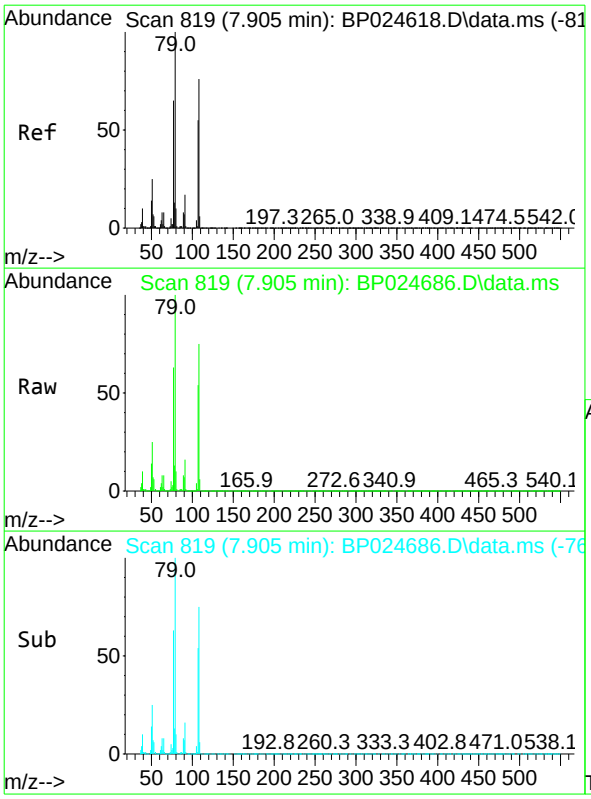


#14
1,2-Dichlorobenzene
Concen: 38.385 ng
RT: 8.005 min Scan# 836
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:146 Resp: 427894

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.4
111	43.5	35.2	52.8



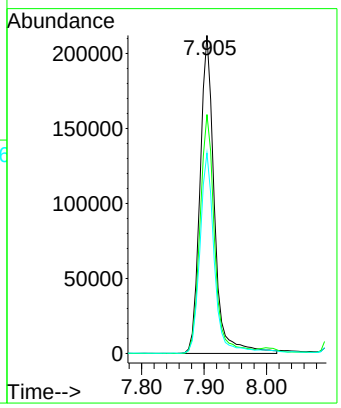


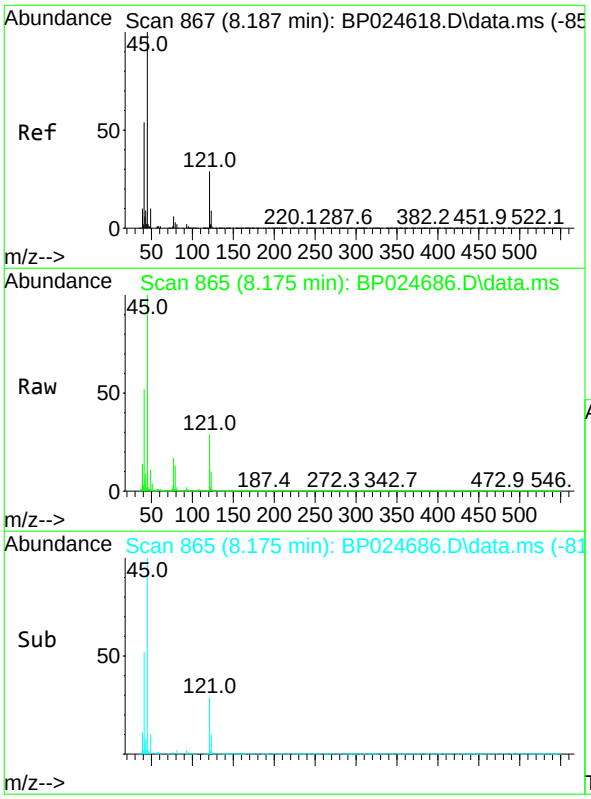
#15
Benzyl Alcohol
Concen: 40.159 ng
RT: 7.905 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 339203

Ion	Ratio	Lower	Upper
79	100		
108	75.1	60.8	91.2
77	63.0	51.9	77.9

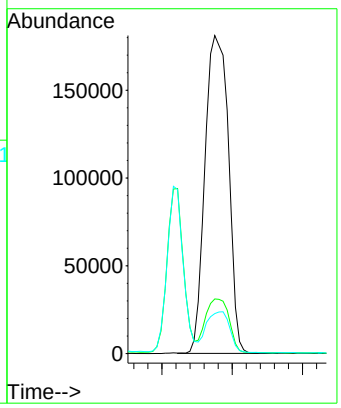


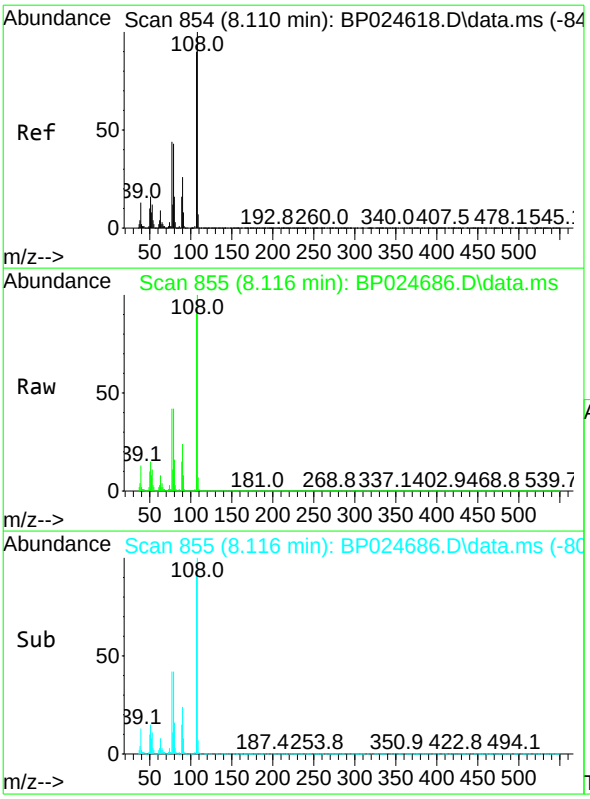


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.300 ng
RT: 8.175 min Scan# 865
Delta R.T. -0.012 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion: 45 Resp: 421083

Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	37.7
79	12.6	0.0	34.0



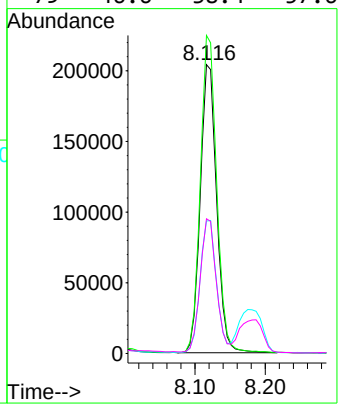


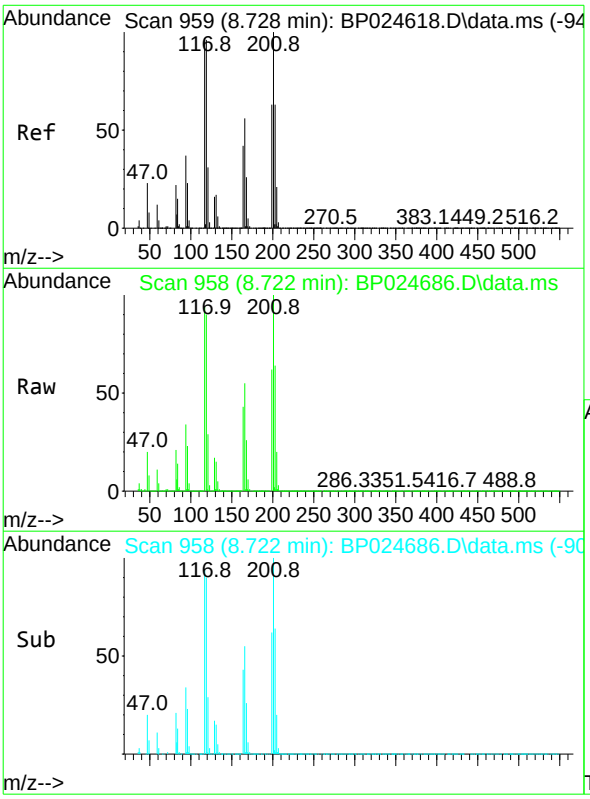
#17
2-Methylphenol
Concen: 40.012 ng
RT: 8.116 min Scan# 85
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 329222

Ion	Ratio	Lower	Upper
107	100		
108	110.1	88.9	133.3
77	45.9	39.0	58.6
79	46.6	38.4	57.6

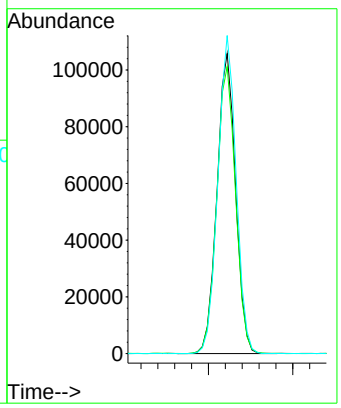


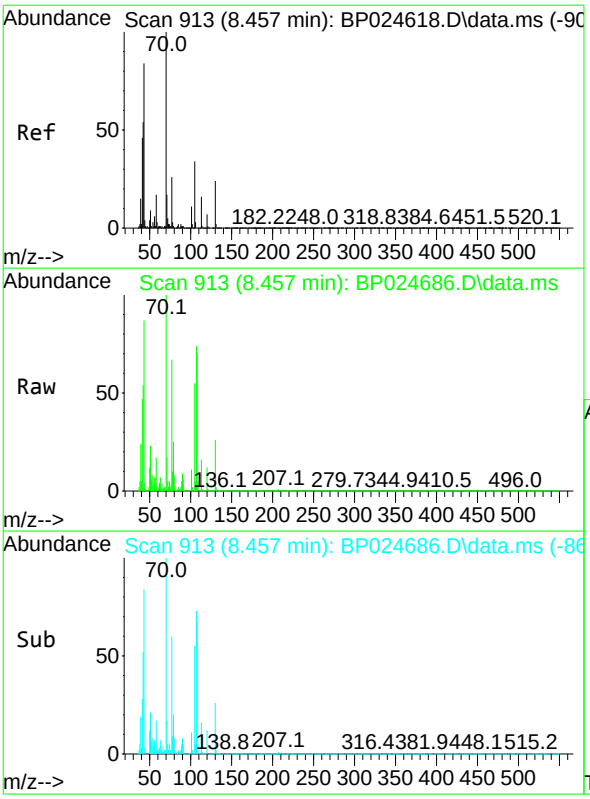


#18
Hexachloroethane
Concen: 36.970 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:117 Resp: 162073

Ion	Ratio	Lower	Upper
117	100		
119	95.7	79.4	119.0
201	106.0	82.7	124.1



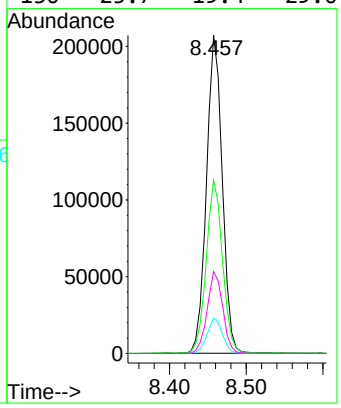


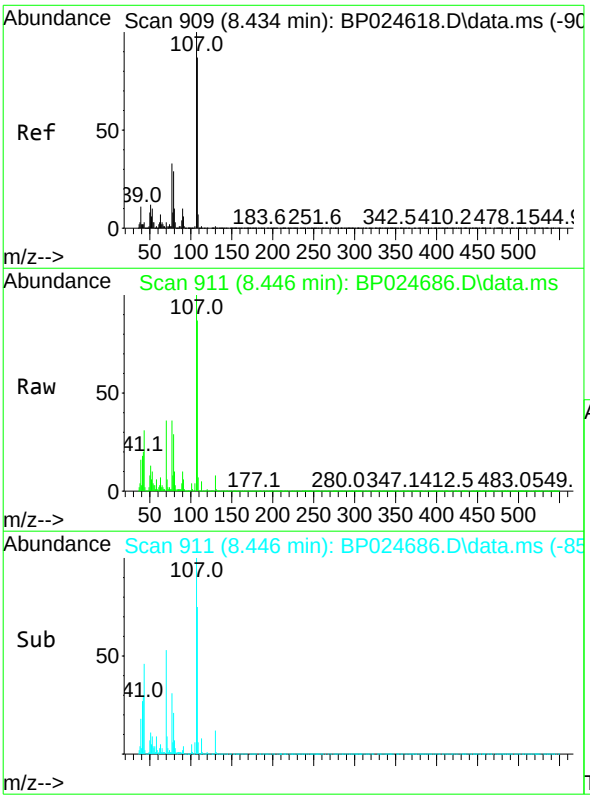
#19
n-Nitroso-di-n-propylamine
Concen: 38.513 ng
RT: 8.457 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 296114

Ion	Ratio	Lower	Upper
70	100		
42	54.4	43.0	64.6
101	11.2	8.7	13.1
130	25.7	19.4	29.0

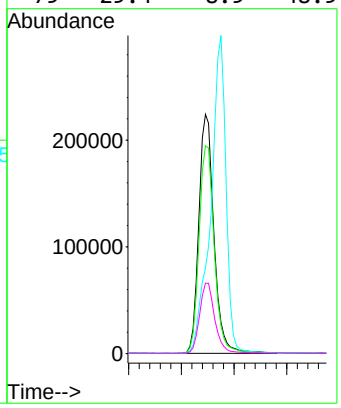


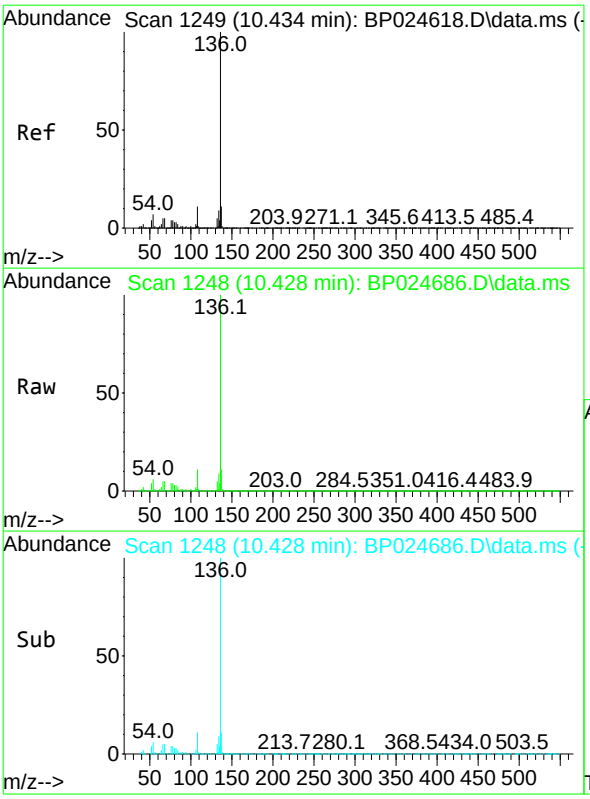


#20
3+4-Methylphenols
Concen: 39.884 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.012 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:107 Resp: 446406

Ion	Ratio	Lower	Upper
107	100		
108	86.8	66.7	106.7
77	35.8	13.1	53.1
79	29.4	8.9	48.9



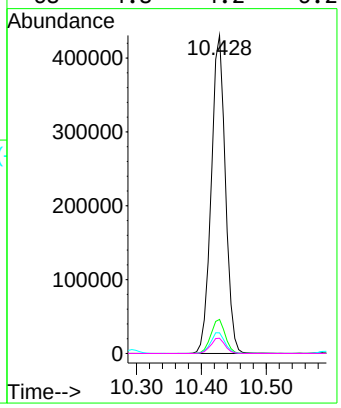


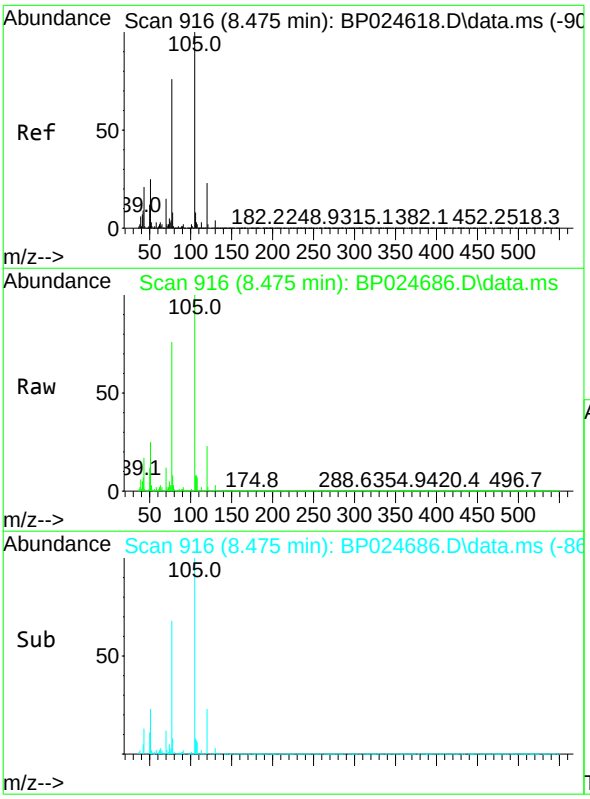
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 12
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 651543

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.5	5.5	8.3
68	4.8	4.2	6.2

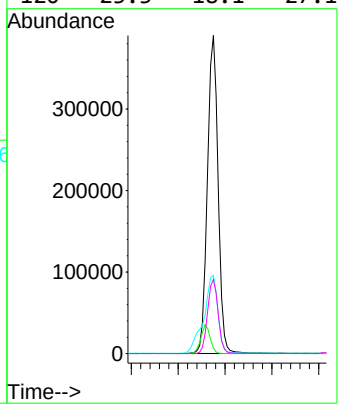


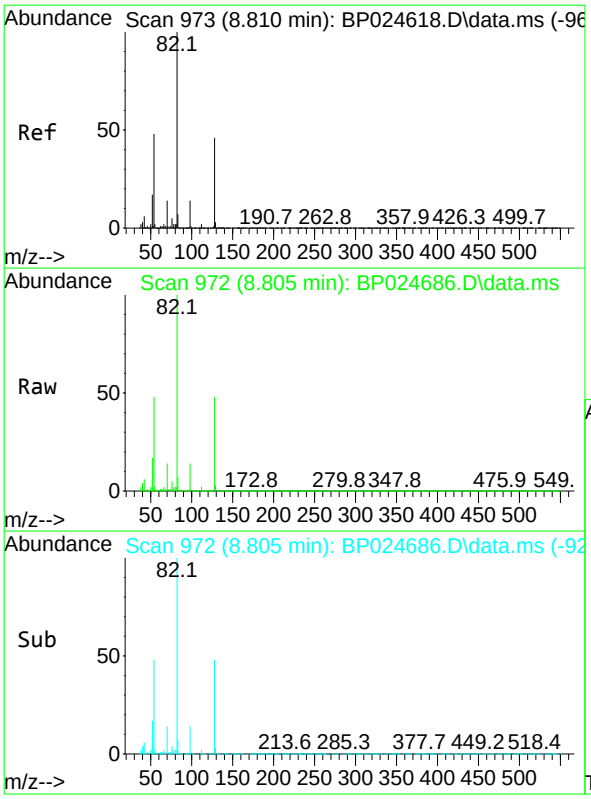


#22
Acetophenone
Concen: 37.987 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:105 Resp: 618238

Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.0	3.0#
51	24.6	20.4	30.6
120	23.3	18.1	27.1



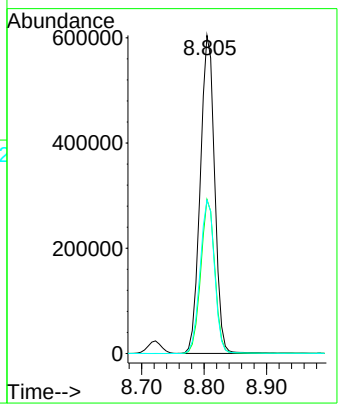


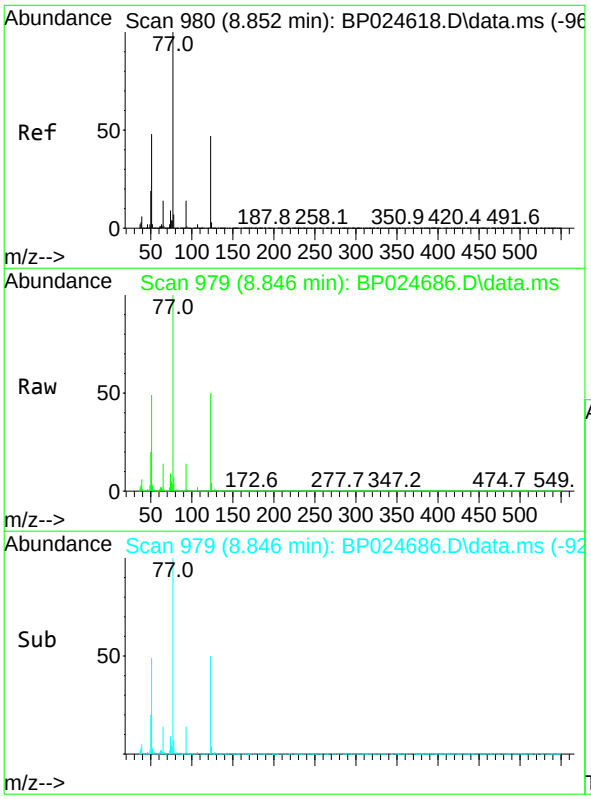
#23
Nitrobenzene-d5
Concen: 74.927 ng
RT: 8.805 min Scan# 97
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 966184

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.0	55.4
54	48.2	38.7	58.1

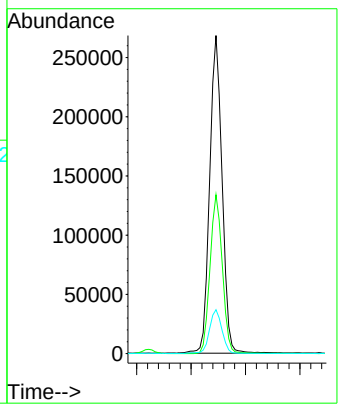


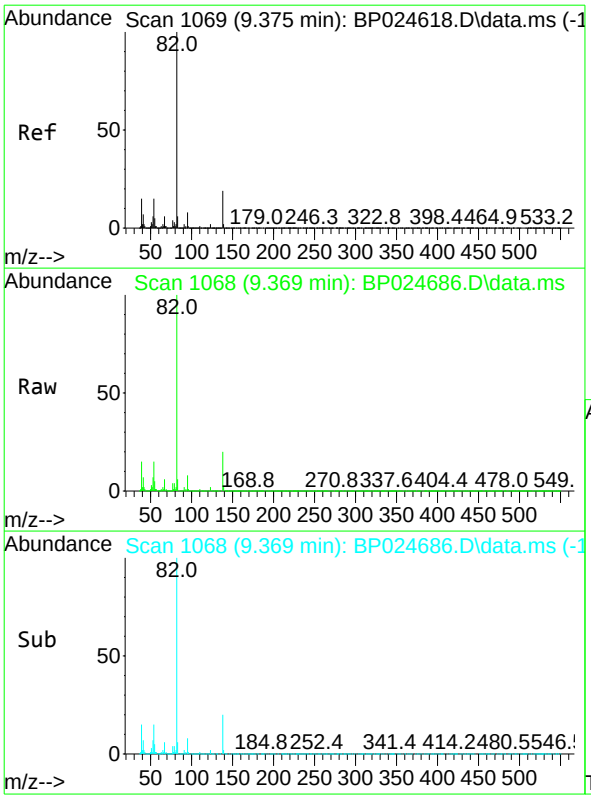


#24
Nitrobenzene
Concen: 37.468 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion: 77 Resp: 425179

Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.4	56.0
65	13.8	11.3	16.9



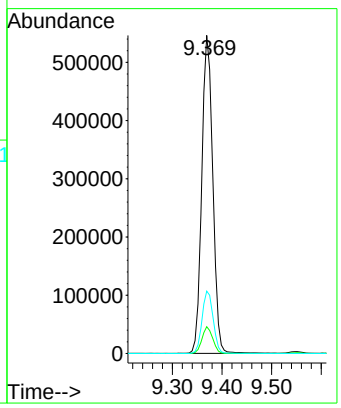


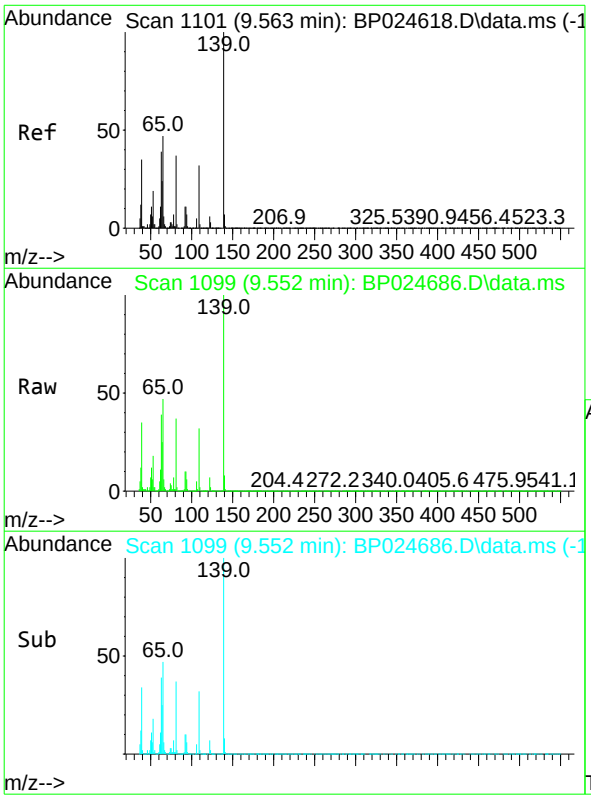
#25
Isophorone
Concen: 37.667 ng
RT: 9.369 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 842538

Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.3	9.5
138	19.6	15.3	22.9

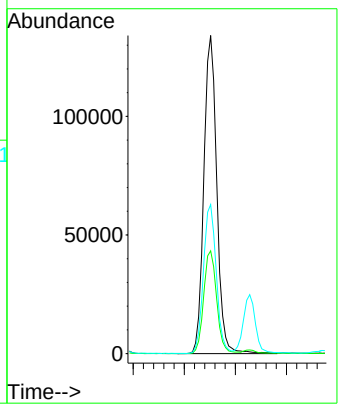


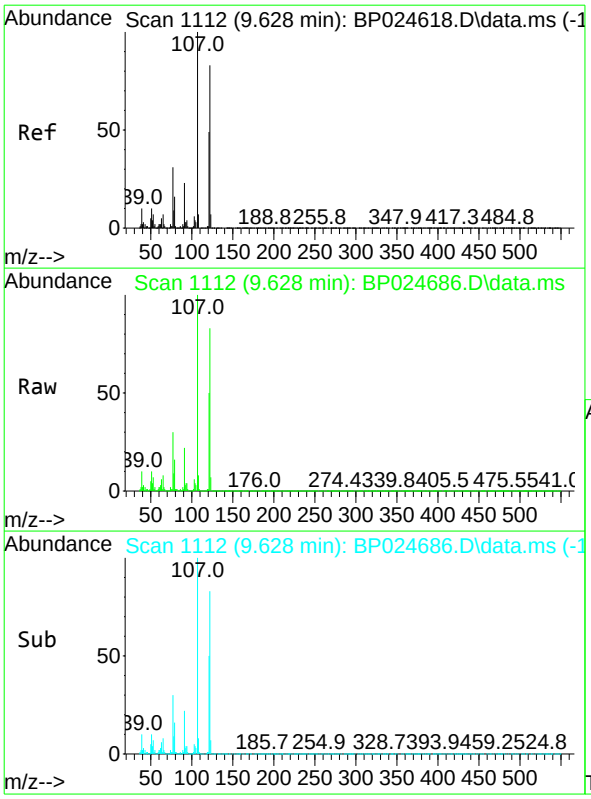


#26
2-Nitrophenol
Concen: 42.398 ng
RT: 9.552 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:139 Resp: 235757

Ion	Ratio	Lower	Upper
139	100		
109	32.3	25.9	38.9
65	46.9	37.9	56.9



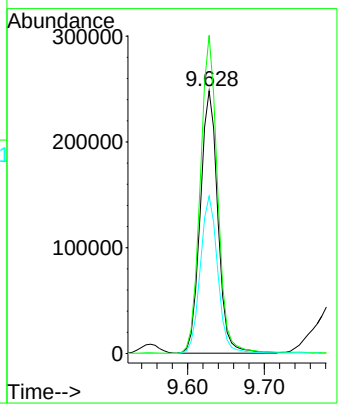


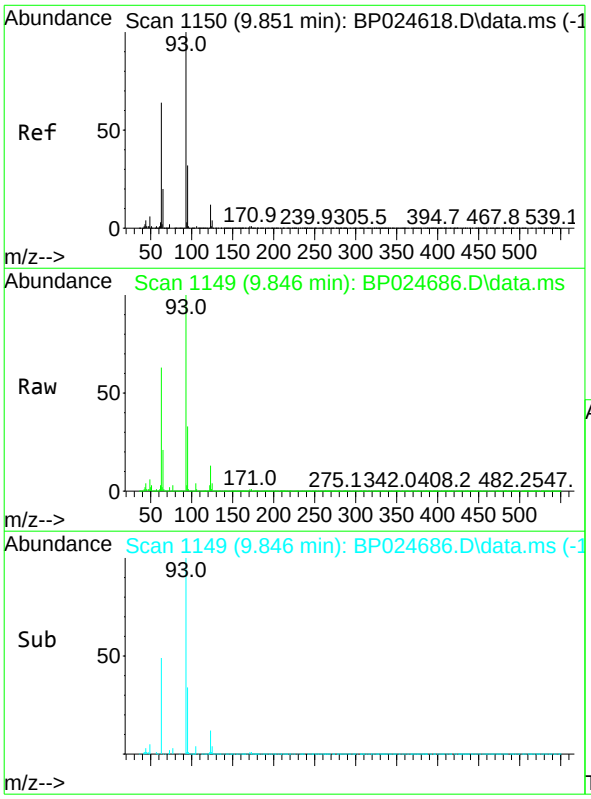
#27
2,4-Dimethylphenol
Concen: 40.297 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 395068

Ion	Ratio	Lower	Upper
122	100		
107	121.1	96.2	144.2
121	60.0	47.6	71.4

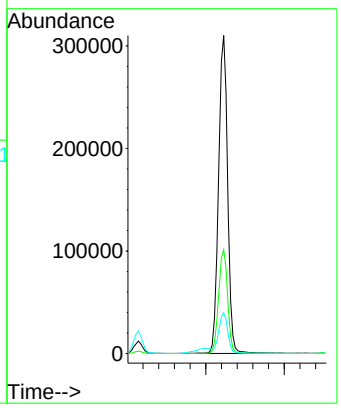


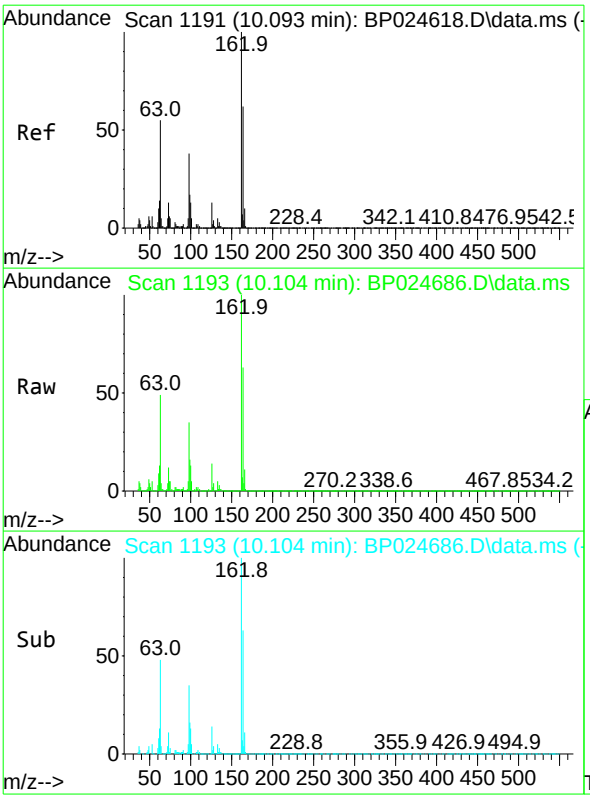


#28
bis(2-Chloroethoxy)methane
Concen: 37.241 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion: 93 Resp: 497670

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.5	38.3
123	12.9	9.7	14.5



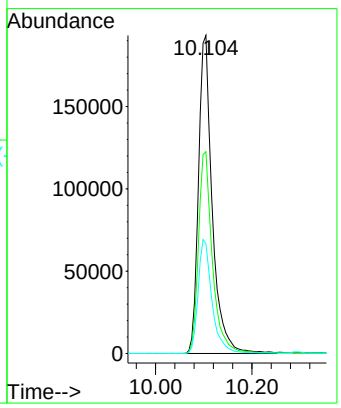


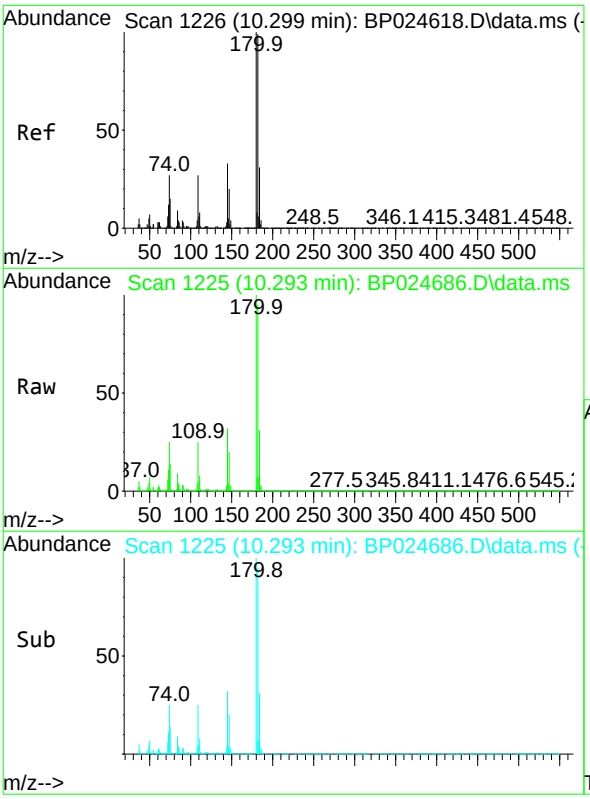
#29
2,4-Dichlorophenol
Concen: 40.391 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 383741

Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.3	82.3
98	34.5	18.4	58.4

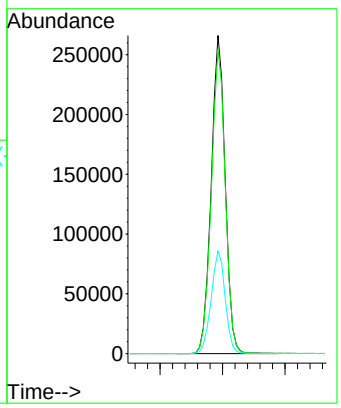


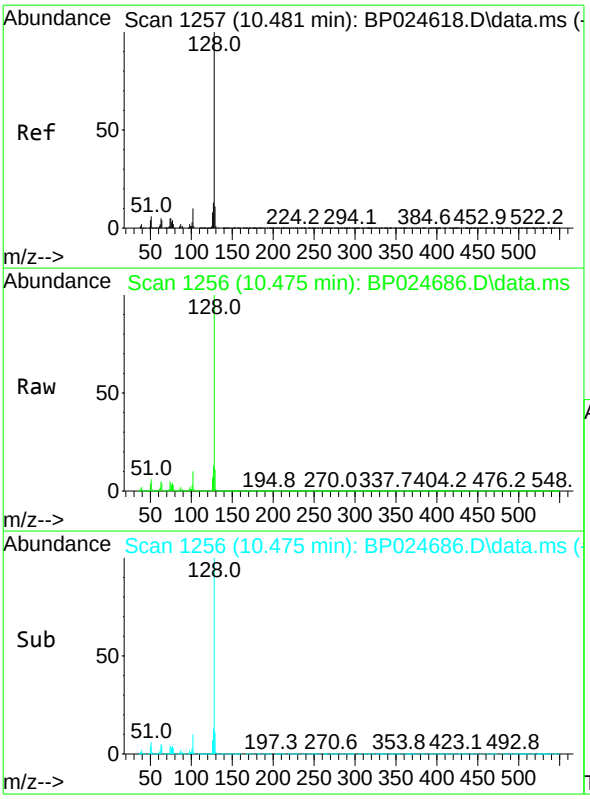


#30
1,2,4-Trichlorobenzene
Concen: 38.526 ng
RT: 10.293 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:180 Resp: 412457

Ion	Ratio	Lower	Upper
180	100		
182	95.5	79.0	118.4
145	32.2	26.6	39.8



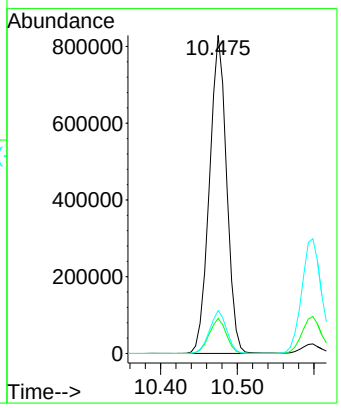


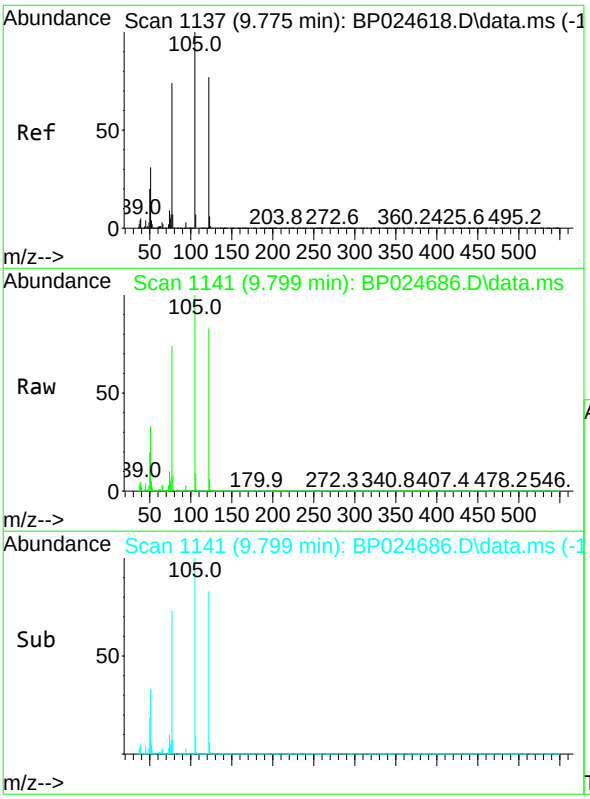
#31
Naphthalene
Concen: 38.183 ng
RT: 10.475 min Scan# 12
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1289180

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.5	10.7	16.1

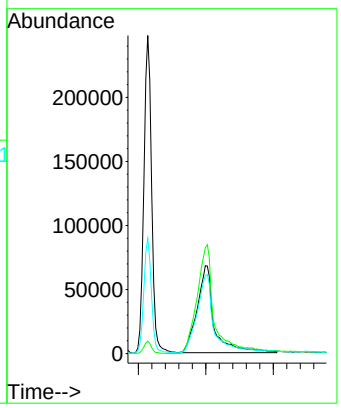


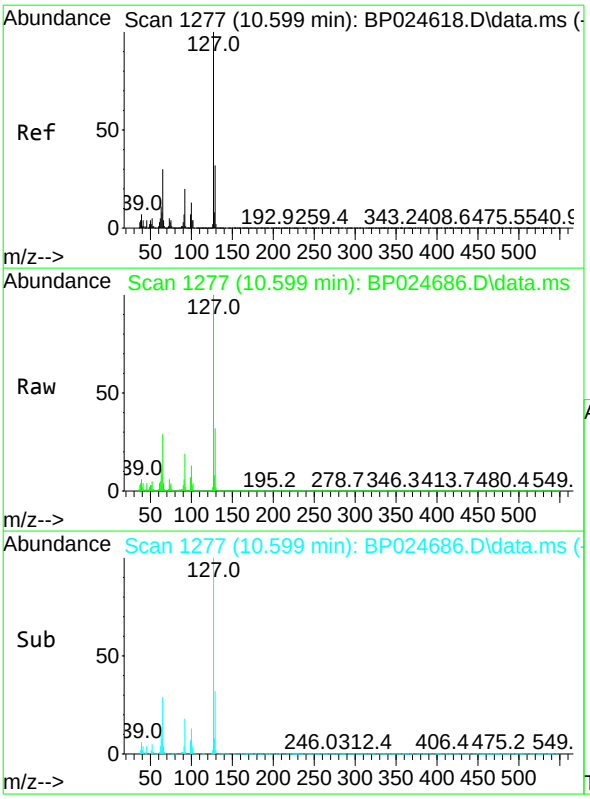


#32
Benzoic acid
Concen: 36.998 ng
RT: 9.799 min Scan# 1141
Delta R.T. 0.024 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:122 Resp: 238678

Ion	Ratio	Lower	Upper
122	100		
105	120.5	106.9	146.9
77	88.8	75.1	115.1



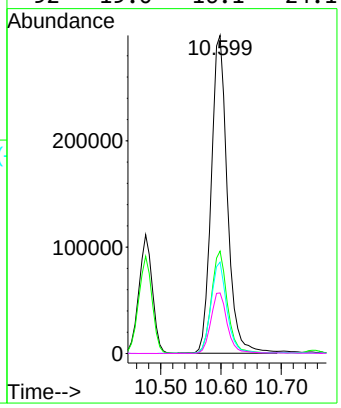


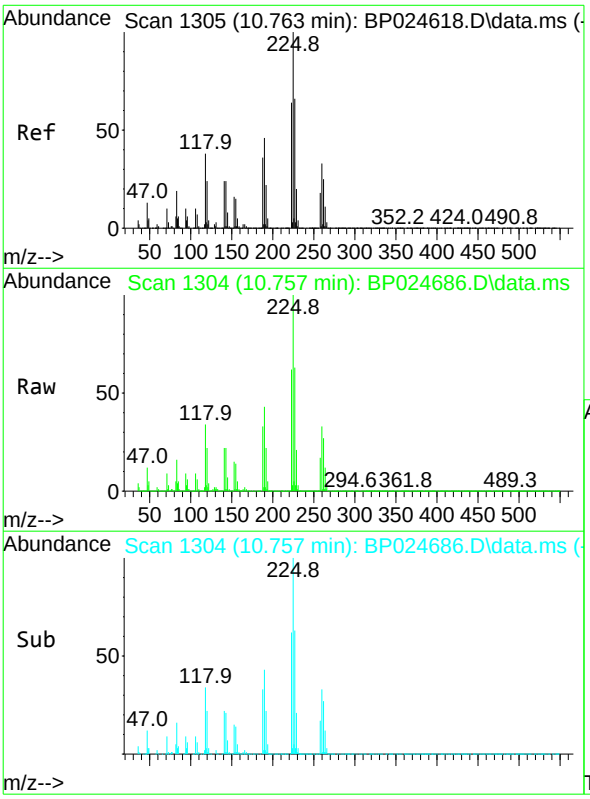
#33
4-Chloroaniline
Concen: 40.734 ng
RT: 10.599 min Scan# 12
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 554976

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	28.7	23.9	35.9
92	19.0	16.1	24.1

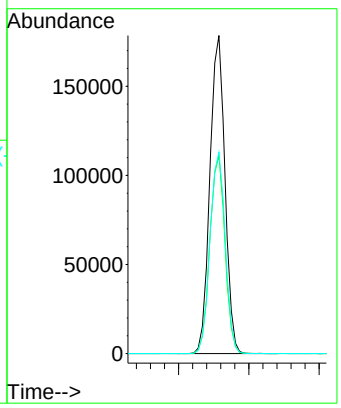


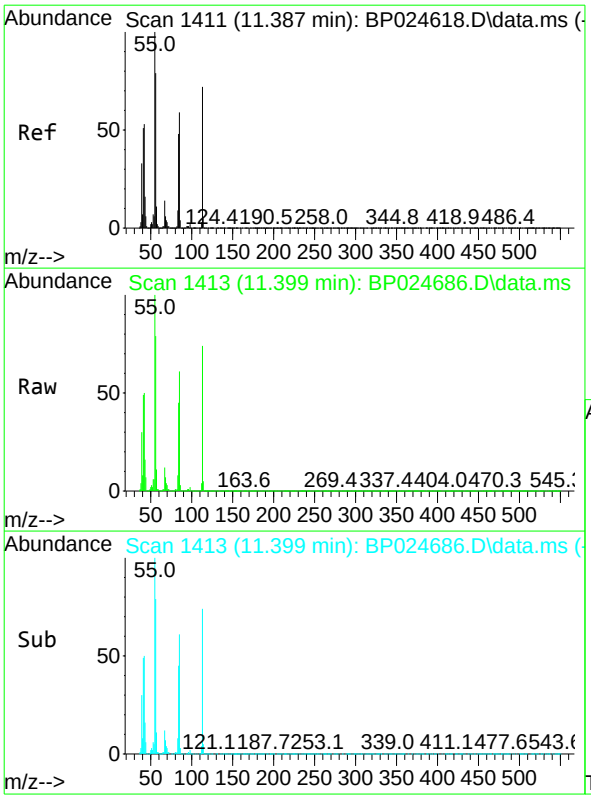


#34
Hexachlorobutadiene
Concen: 38.199 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:225 Resp: 264931

Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	63.3	53.1	79.7



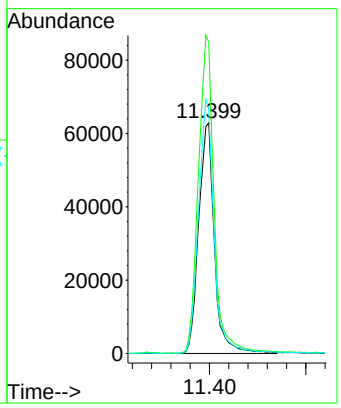


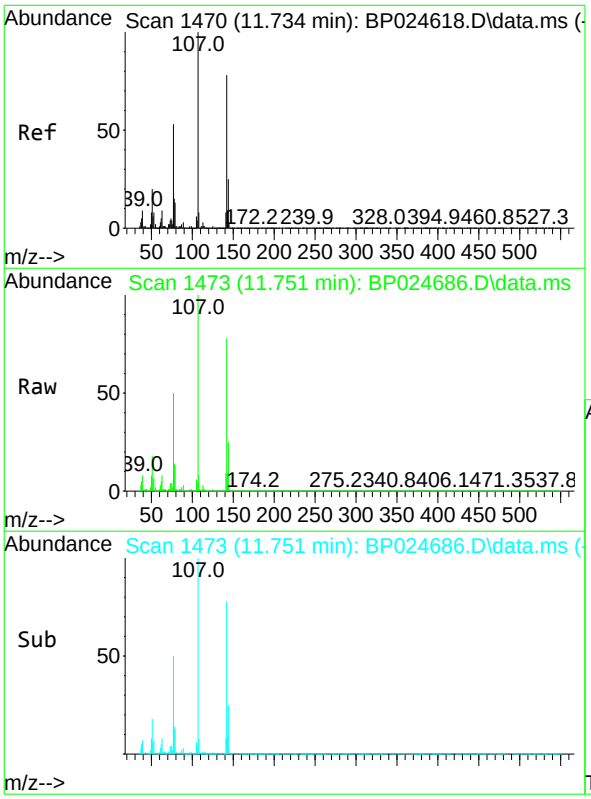
#35
Caprolactam
Concen: 41.294 ng
RT: 11.399 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 141941

Ion	Ratio	Lower	Upper
113	100		
55	135.0	119.0	159.0
56	106.1	90.3	130.3

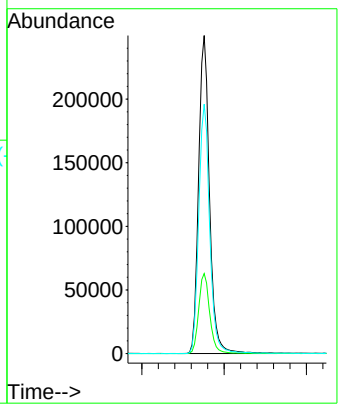


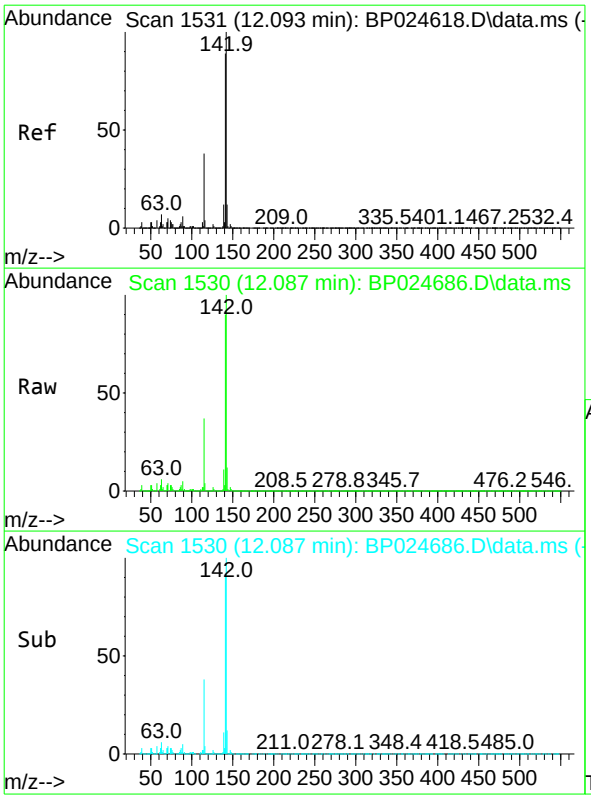


#36
4-Chloro-3-methylphenol
Concen: 39.617 ng
RT: 11.751 min Scan# 1473
Delta R.T. 0.018 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:107 Resp: 458991

Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.1	30.1
142	78.4	62.1	93.1



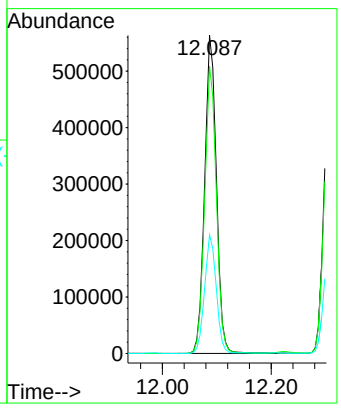


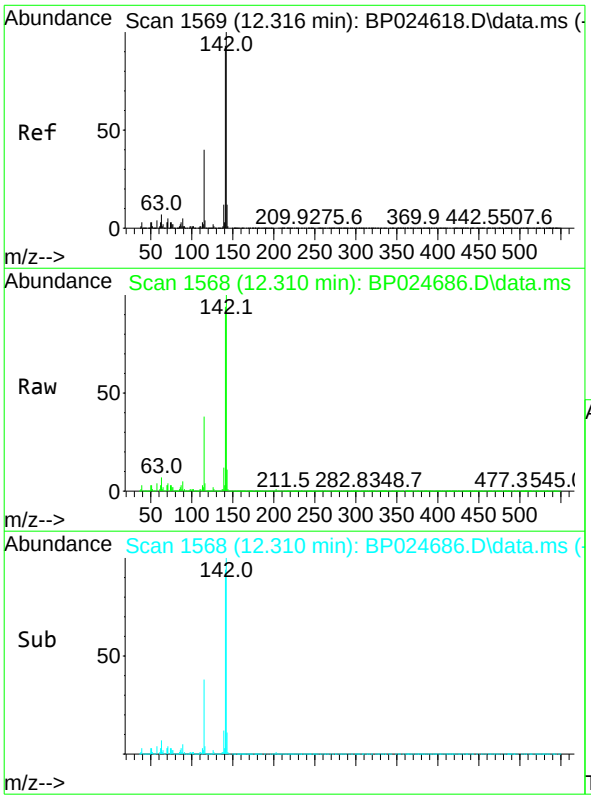
#37
2-Methylnaphthalene
Concen: 38.634 ng
RT: 12.087 min Scan# 15
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 844620

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.2	106.8
115	37.3	30.6	46.0

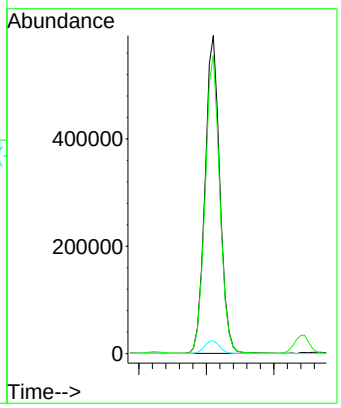


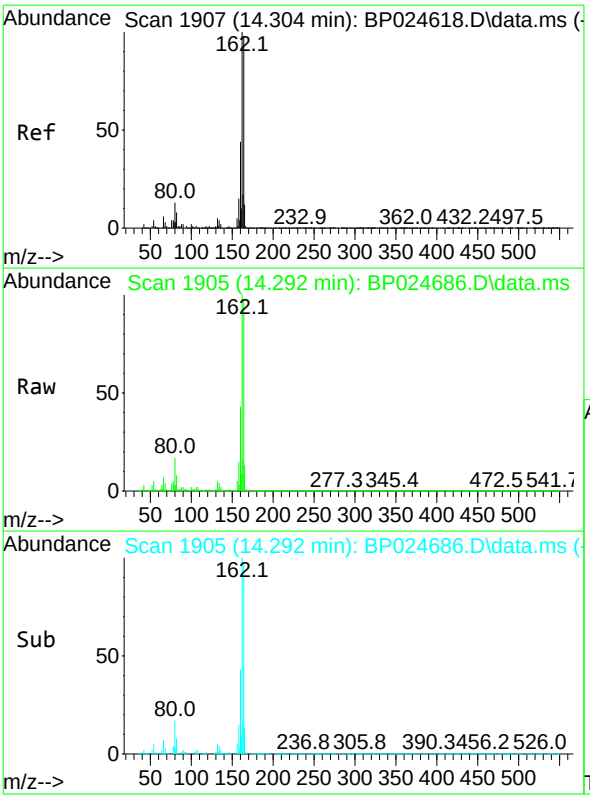


#38
1-Methylnaphthalene
Concen: 38.361 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:142 Resp: 897341

Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.7	112.1
116	4.1	3.4	5.2



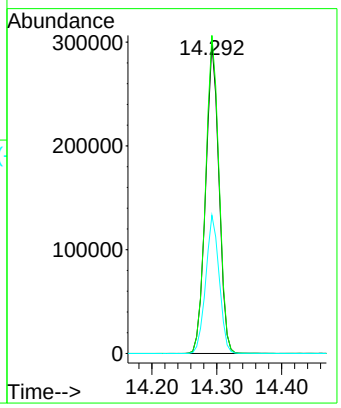


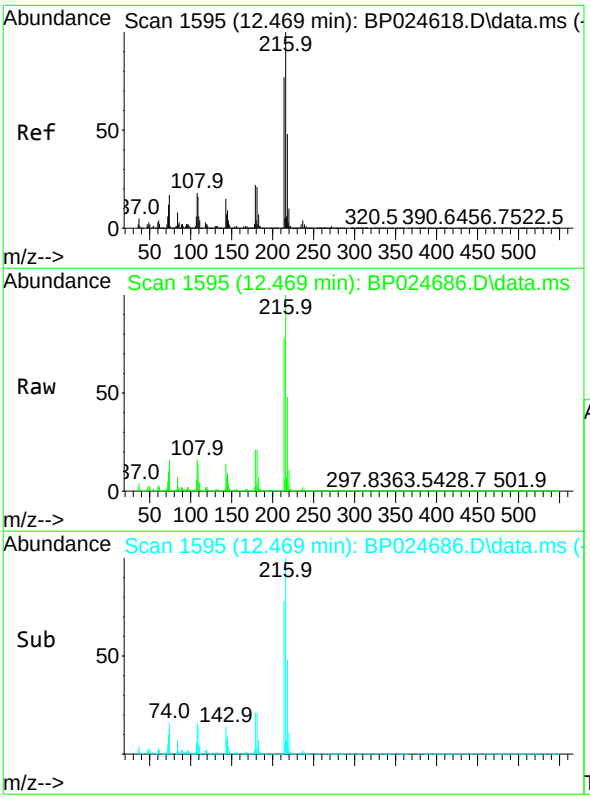
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 426043

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.8	122.6
160	44.5	36.3	54.5

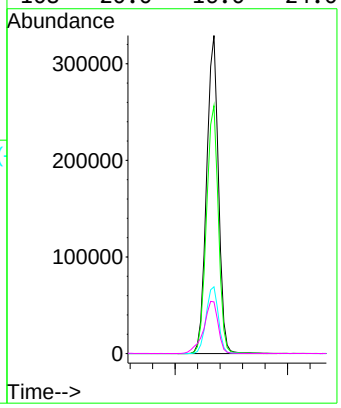


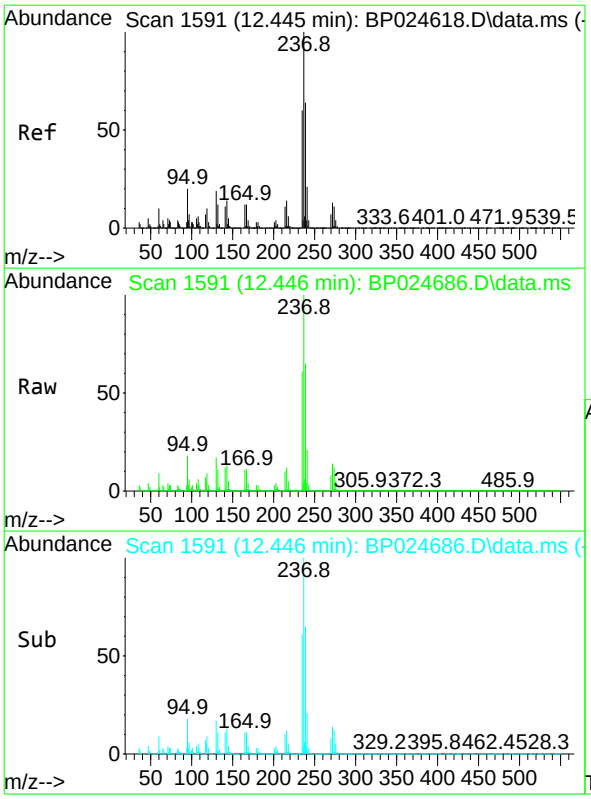


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.044 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:216 Resp: 483050

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.3	93.5
179	21.8	17.7	26.5
108	20.0	16.0	24.0



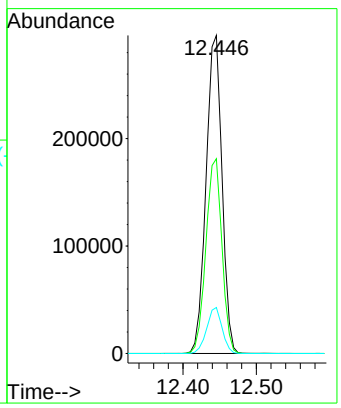


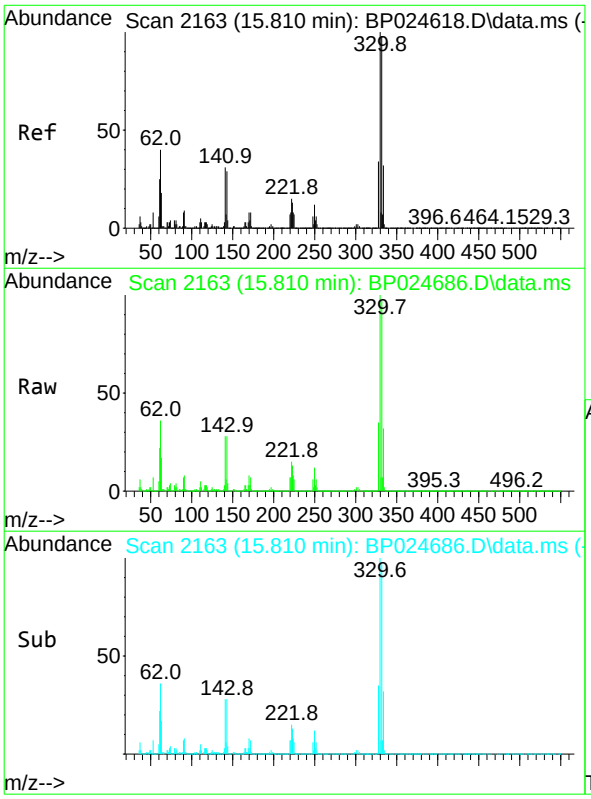
#41
Hexachlorocyclopentadiene
Concen: 59.472 ng
RT: 12.446 min Scan# 15
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 446152

Ion	Ratio	Lower	Upper
237	100		
235	61.2	39.9	79.9
272	14.5	0.0	33.2

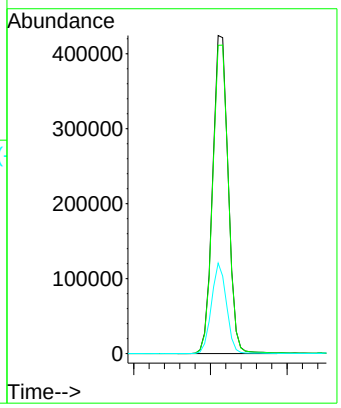


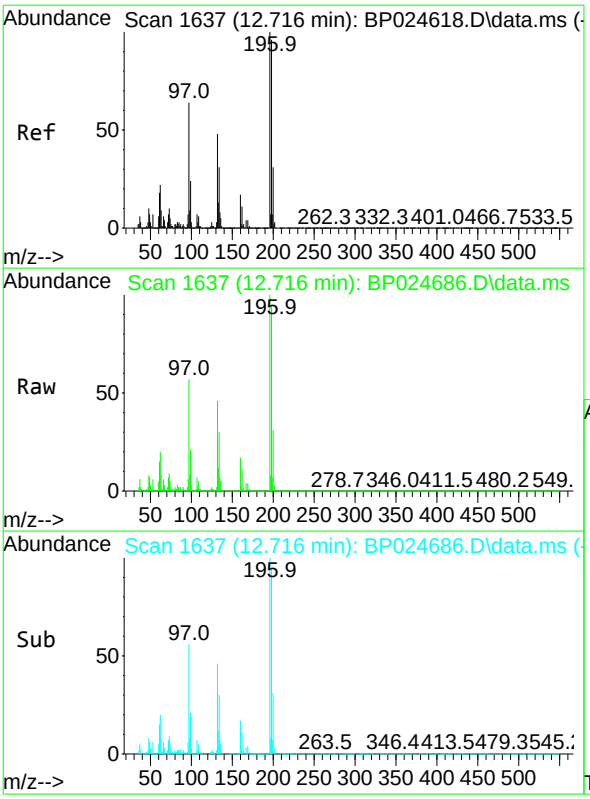


#42
2,4,6-Tribromophenol
Concen: 82.620 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:330 Resp: 596739

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.2	117.4
141	27.4	24.3	36.5



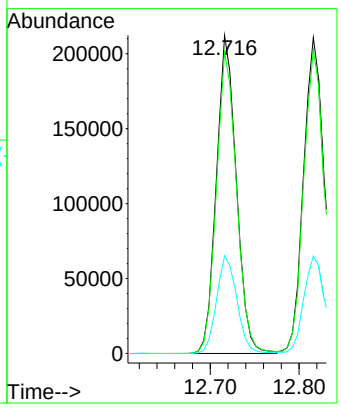


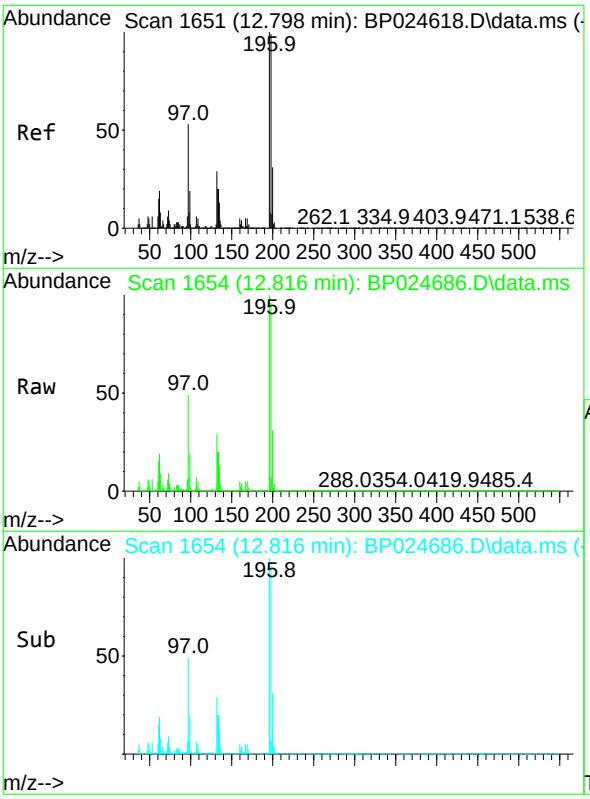
#43
2,4,6-Trichlorophenol
Concen: 41.398 ng
RT: 12.716 min Scan# 16
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 331738

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.9	115.3
200	30.7	25.2	37.8

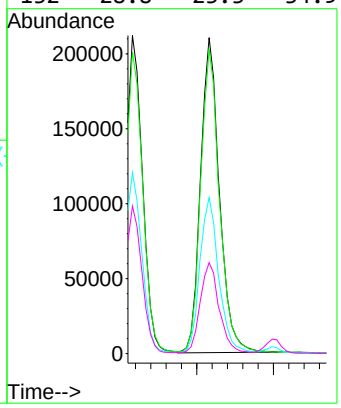


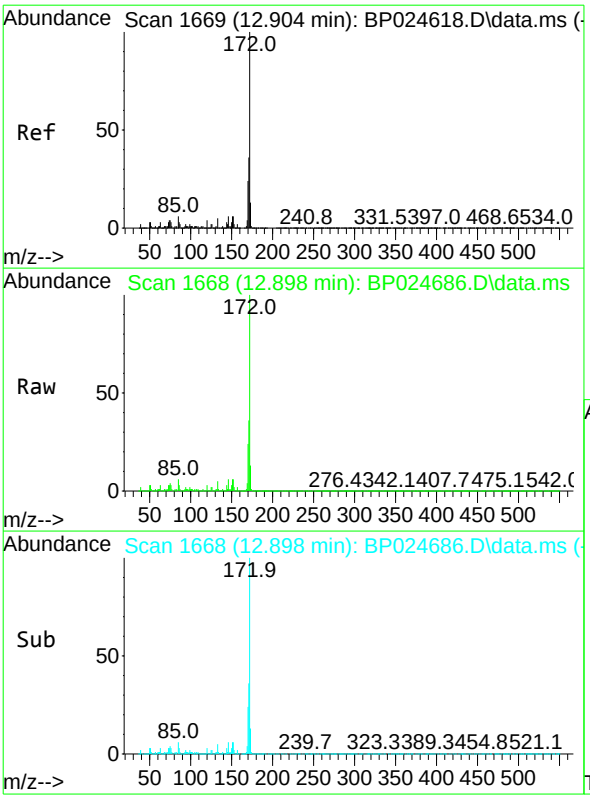


#44
2,4,5-Trichlorophenol
Concen: 40.168 ng
RT: 12.816 min Scan# 1654
Delta R.T. 0.018 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:196 Resp: 358296

Ion	Ratio	Lower	Upper
196	100		
198	96.1	79.2	118.8
97	49.3	42.3	63.5
132	28.8	23.3	34.9



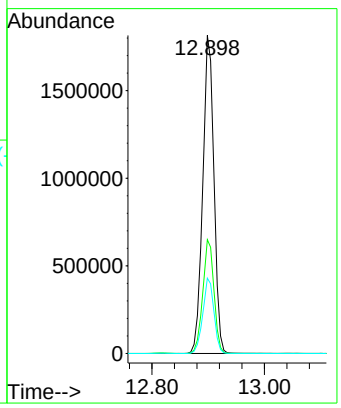


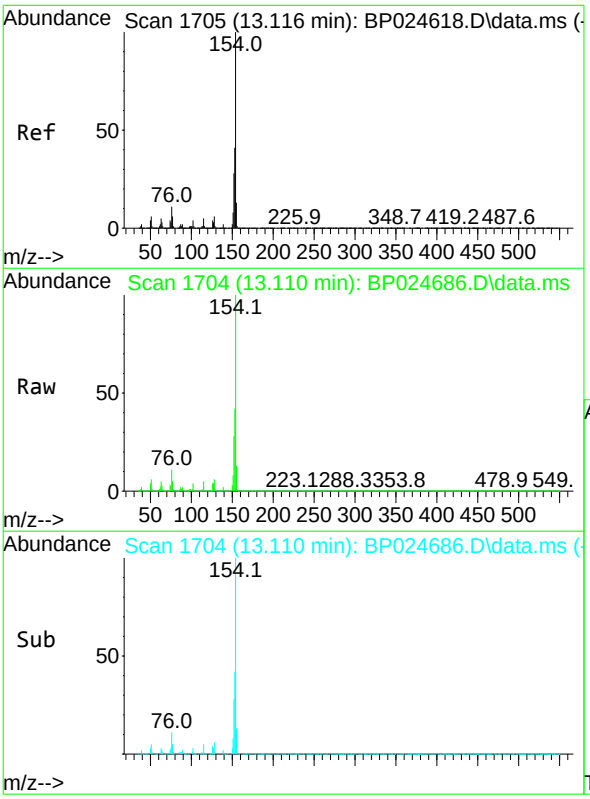
#45
2-Fluorobiphenyl
Concen: 77.102 ng
RT: 12.898 min Scan# 16
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 2507287

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

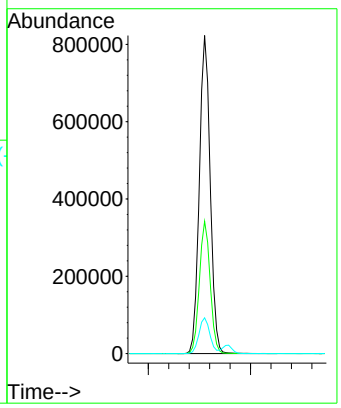


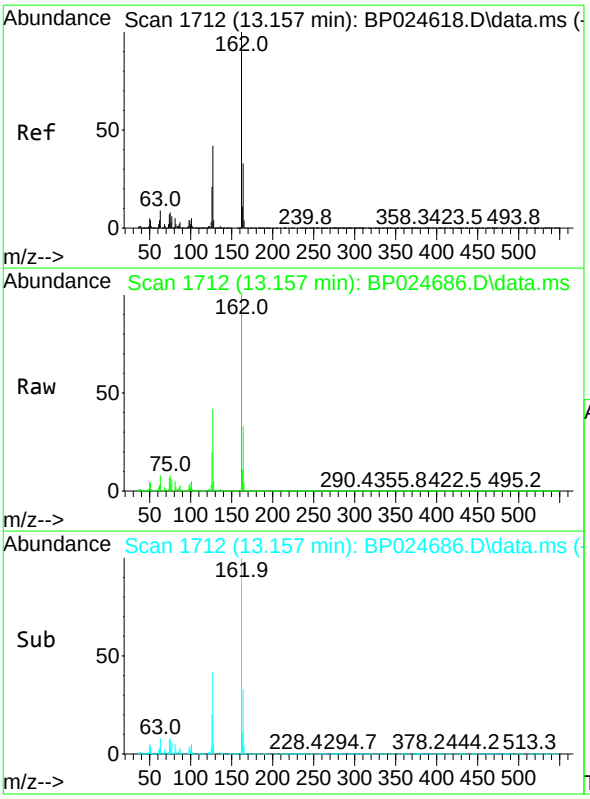


#46
1,1'-Biphenyl
Concen: 38.494 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:154 Resp: 1212140

Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.0	61.0
76	11.3	0.0	31.5



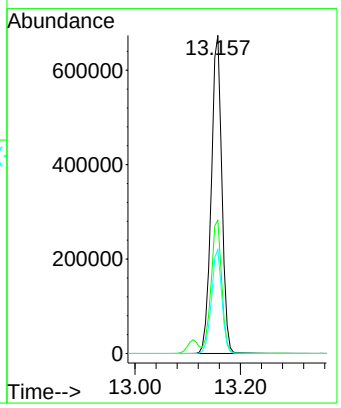


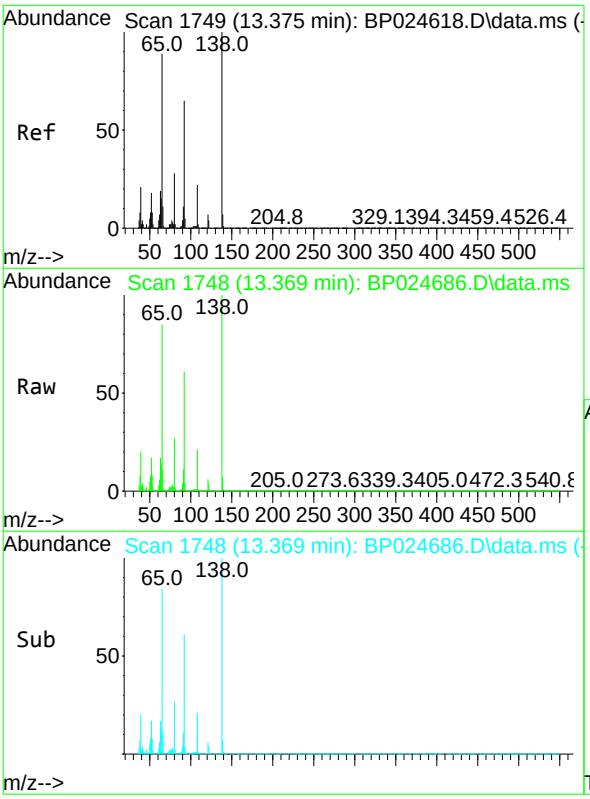
#47
2-Chloronaphthalene
Concen: 39.009 ng
RT: 13.157 min Scan# 17
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 936591

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.8	50.6
164	32.7	26.0	39.0

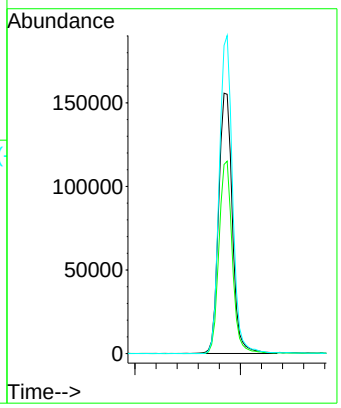


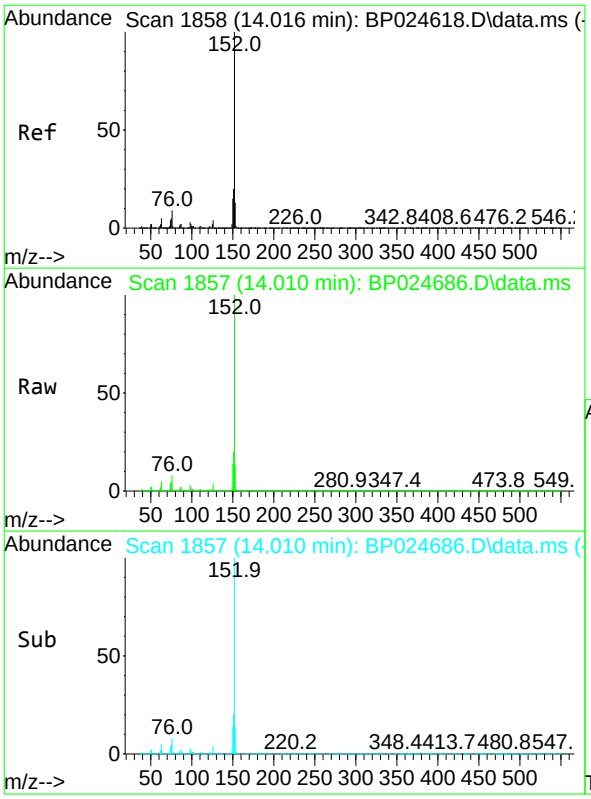


#48
2-Nitroaniline
Concen: 39.564 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion: 65 Resp: 281236

Ion	Ratio	Lower	Upper
65	100		
92	72.6	58.7	88.1
138	118.3	90.2	135.2



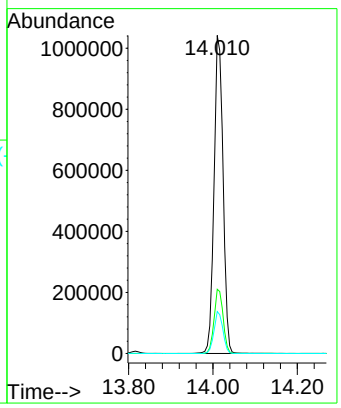


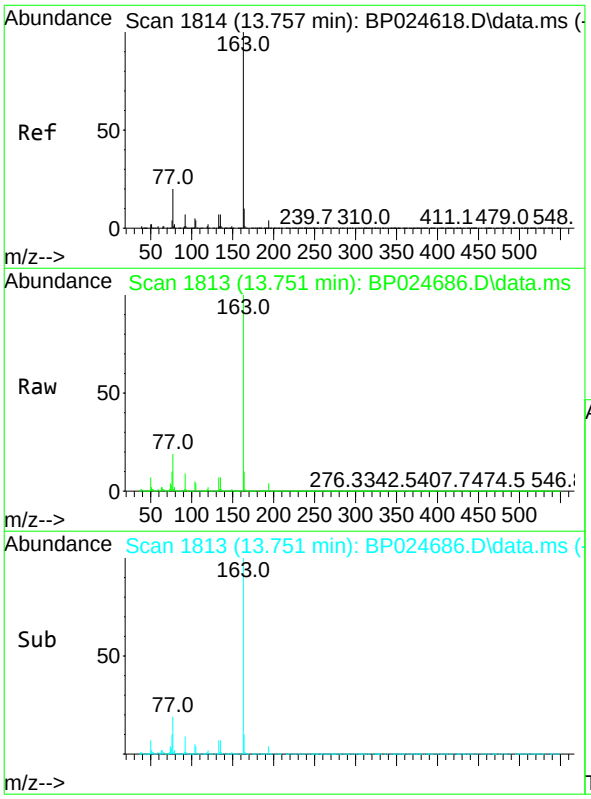
#49
Acenaphthylene
Concen: 38.478 ng
RT: 14.010 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1546043

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.2	10.2	15.4

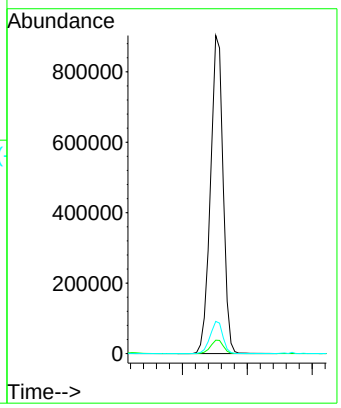


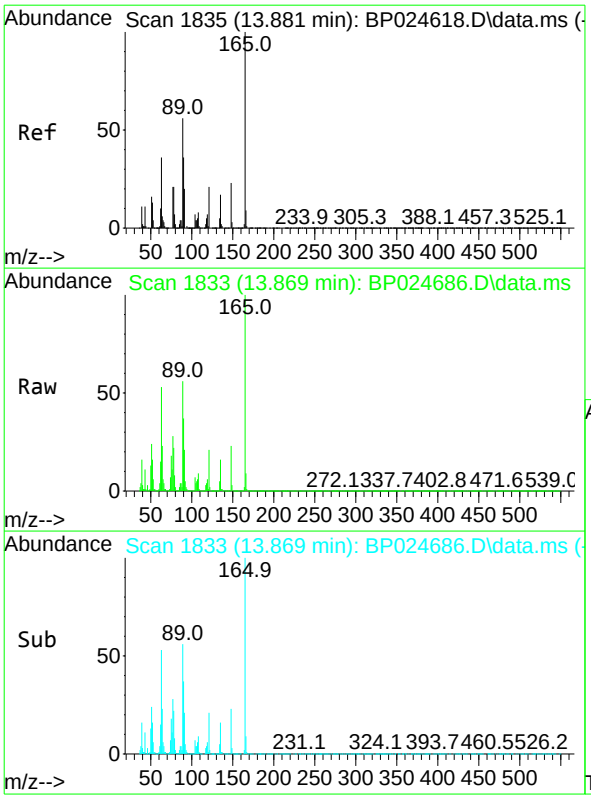


#50
Dimethylphthalate
Concen: 37.553 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:163 Resp: 1219478

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.1	12.1



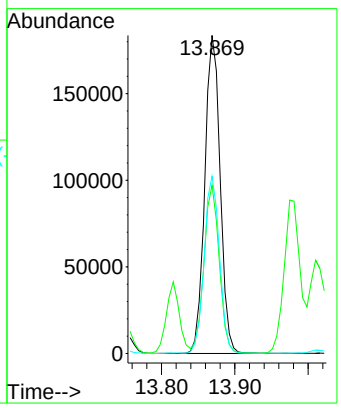


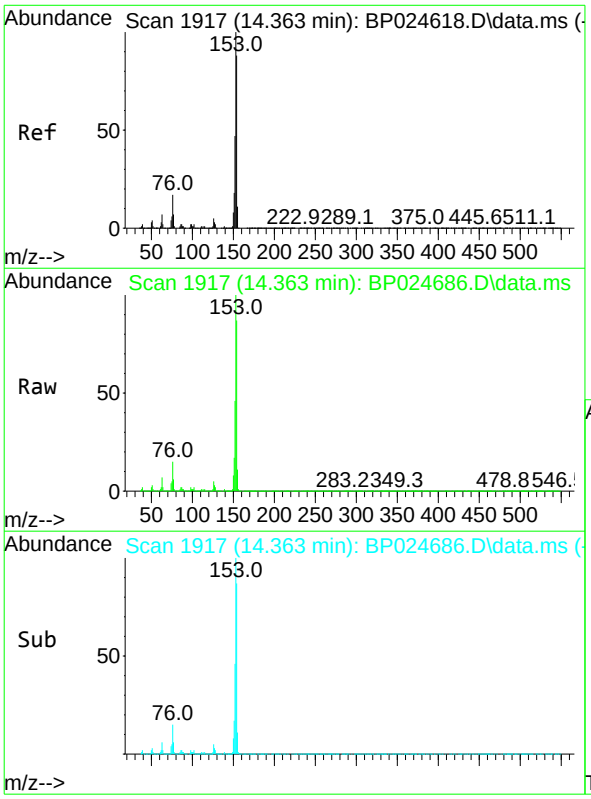
#51
2,6-Dinitrotoluene
Concen: 38.993 ng
RT: 13.869 min Scan# 18
Delta R.T. -0.012 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 267422

Ion	Ratio	Lower	Upper
165	100		
63	52.9	42.4	63.6
89	55.7	44.8	67.2

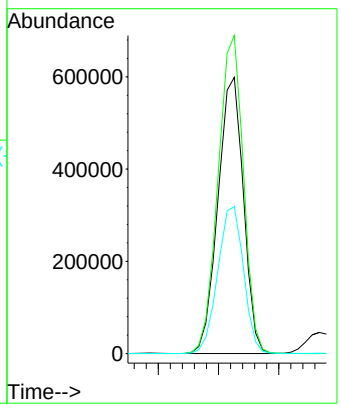


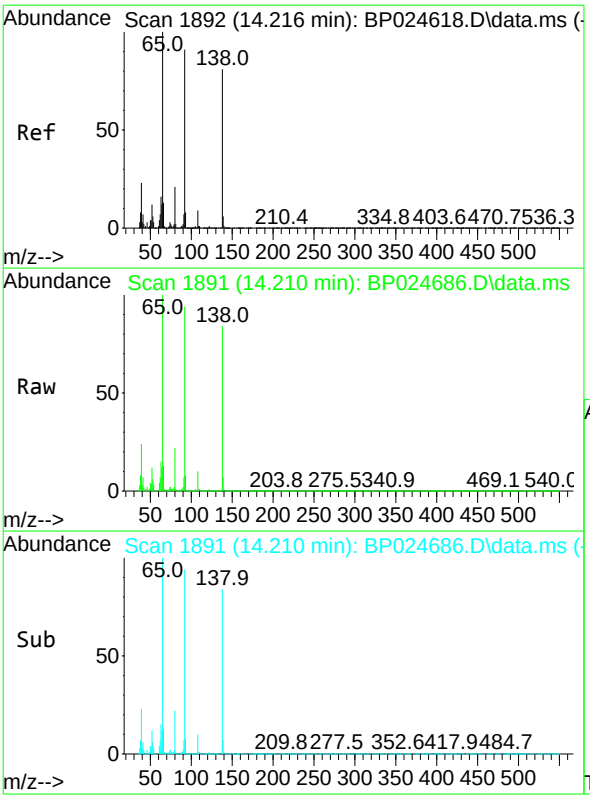


#52
Acenaphthene
Concen: 38.138 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:154 Resp: 880942

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.0	136.4
152	53.3	42.9	64.3



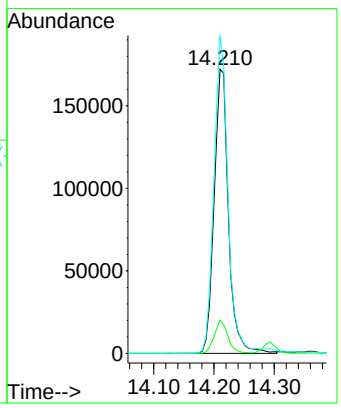


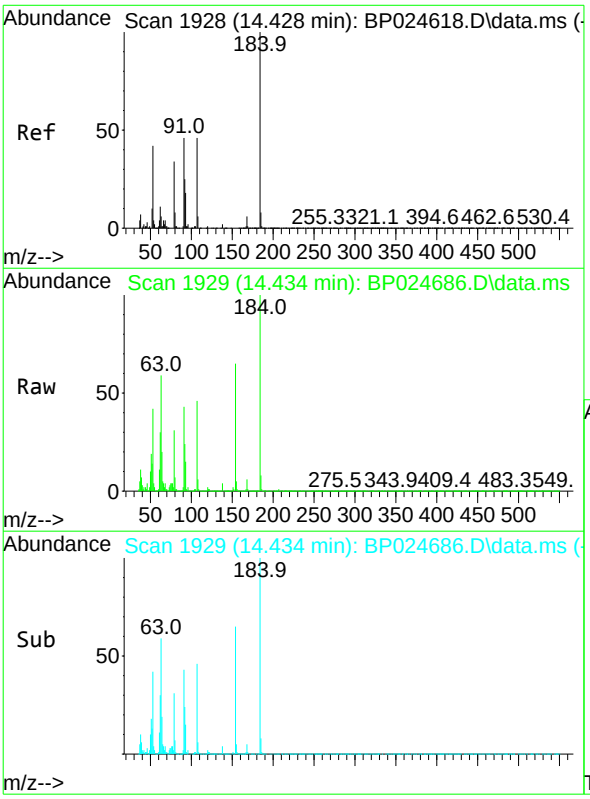
#53
3-Nitroaniline
Concen: 40.635 ng
RT: 14.210 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 284551

Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.0	13.4
92	111.9	90.1	135.1

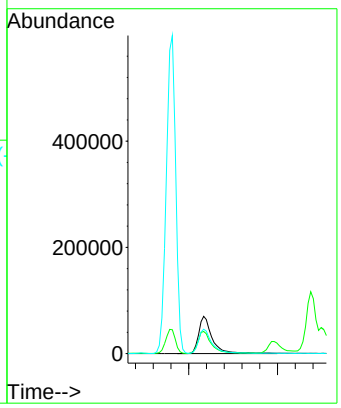


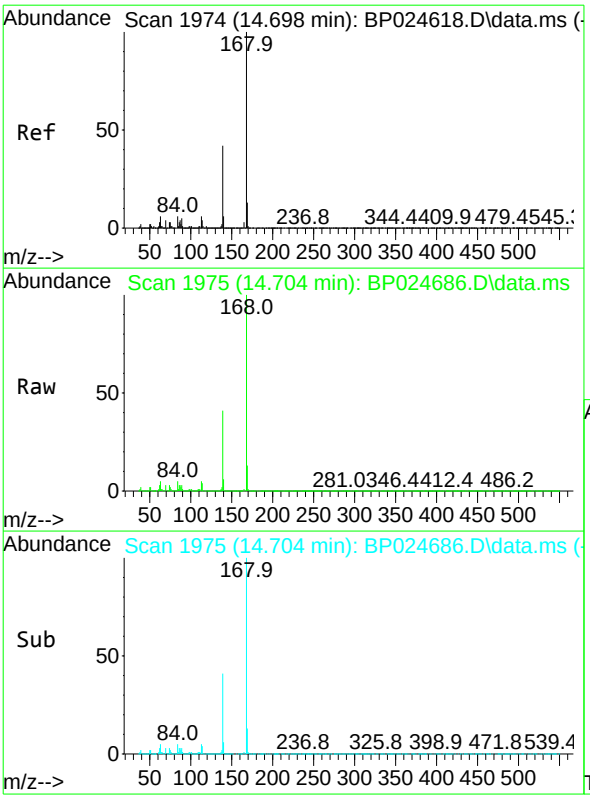


#54
2,4-Dinitrophenol
Concen: 37.740 ng
RT: 14.434 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:184 Resp: 147319

Ion	Ratio	Lower	Upper
184	100		
63	59.3	51.3	76.9
154	65.3	53.5	80.3



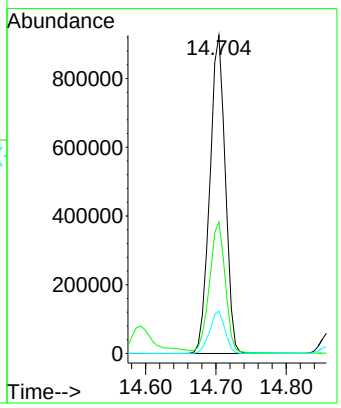


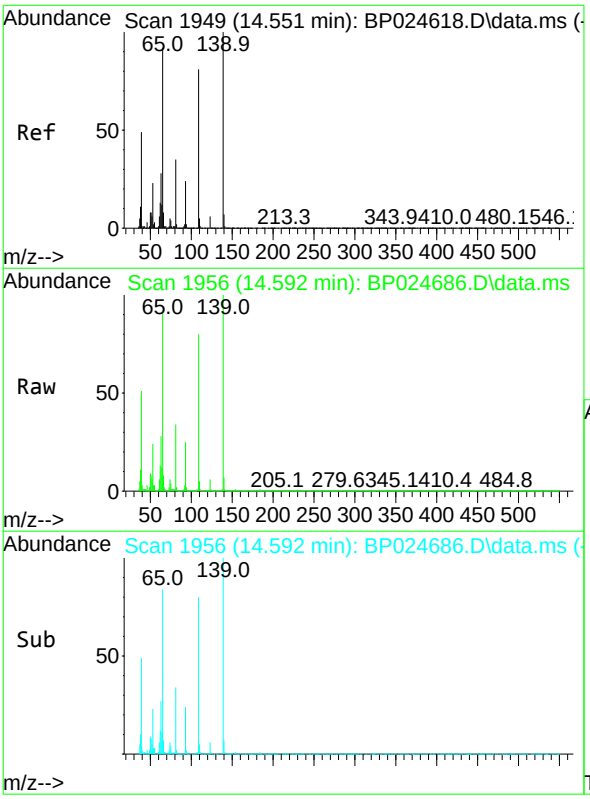
#55
Dibenzofuran
Concen: 38.328 ng
RT: 14.704 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1412131

Ion	Ratio	Lower	Upper
168	100		
139	41.3	34.2	51.4
169	13.3	10.8	16.2

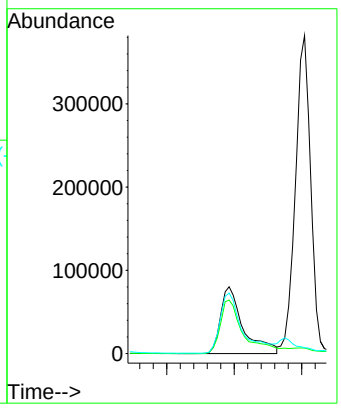


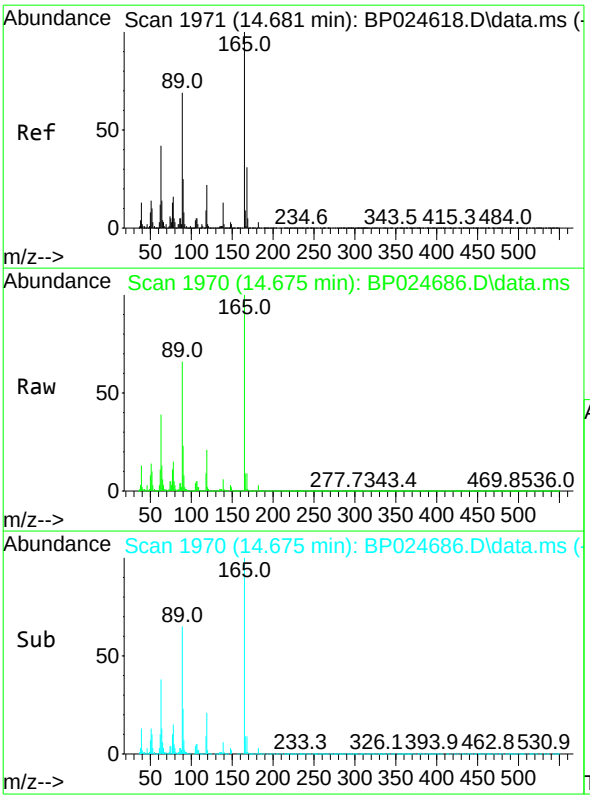


#56
4-Nitrophenol
Concen: 33.400 ng
RT: 14.592 min Scan# 1956
Delta R.T. 0.041 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:139 Resp: 186704

Ion	Ratio	Lower	Upper
139	100		
109	80.2	61.4	101.4
65	90.6	72.2	112.2



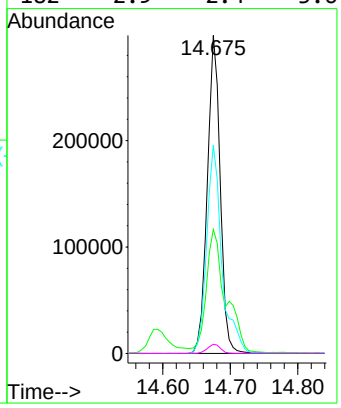


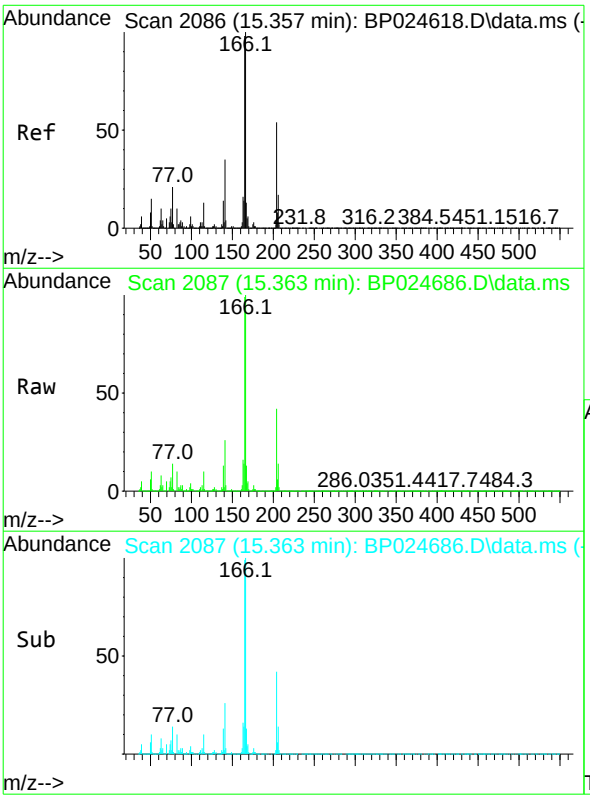
#57
2,4-Dinitrotoluene
Concen: 40.998 ng
RT: 14.675 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 396402

Ion	Ratio	Lower	Upper
165	100		
63	39.0	33.8	50.6
89	65.5	55.6	83.4
182	2.9	2.4	3.6

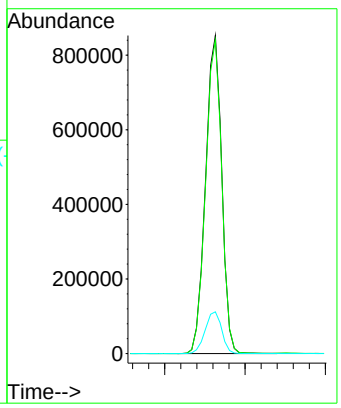


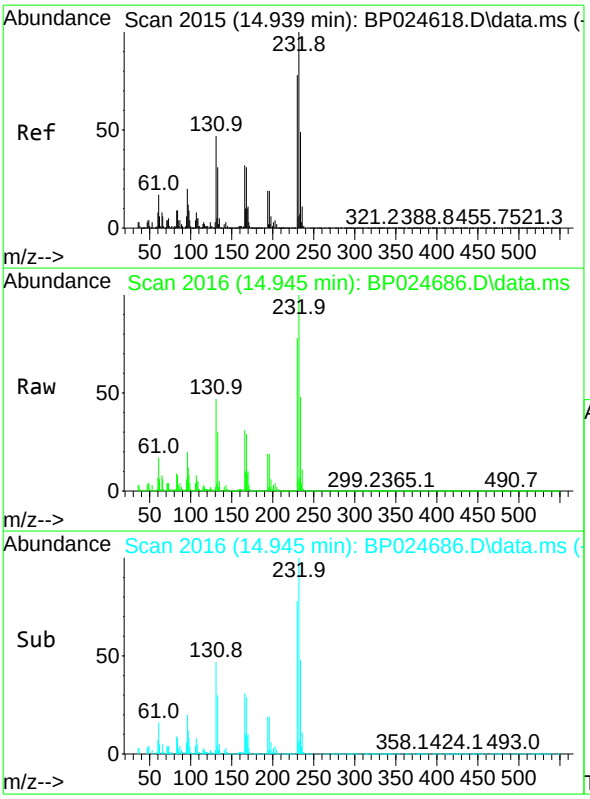


#58
Fluorene
Concen: 39.702 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:166 Resp: 1192750

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.5	117.7
167	13.1	10.7	16.1



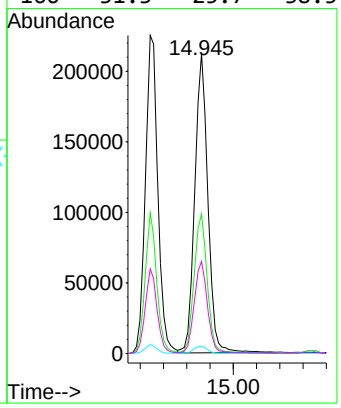


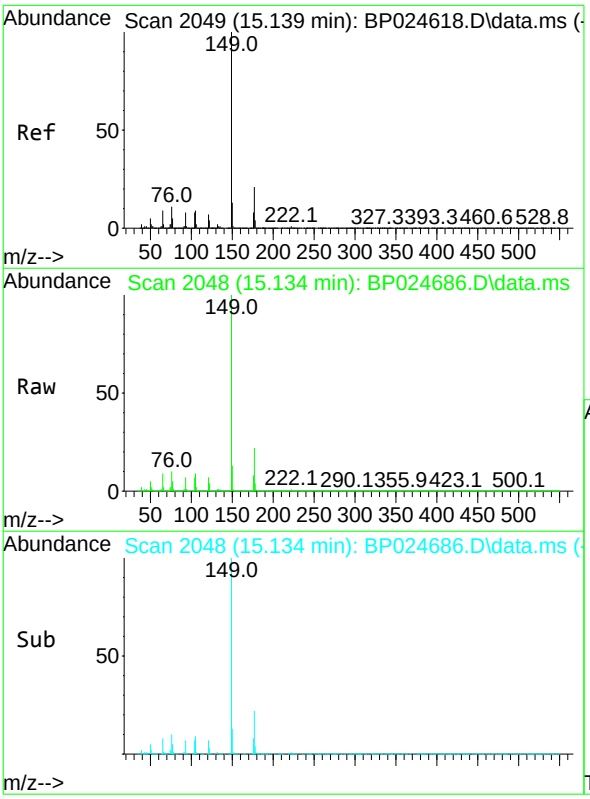
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.967 ng
RT: 14.945 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 330705

Ion	Ratio	Lower	Upper
232	100		
131	46.1	39.5	59.3
130	2.6	2.2	3.4
166	31.3	25.7	38.5

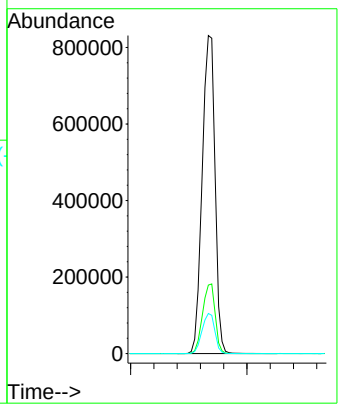


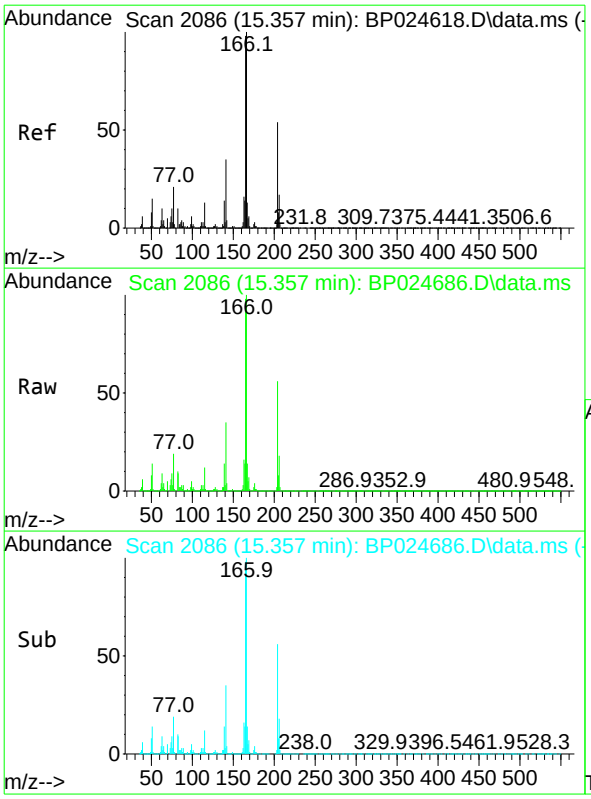


#60
Diethylphthalate
Concen: 38.807 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:149 Resp: 1273676

Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.6	10.2	15.2



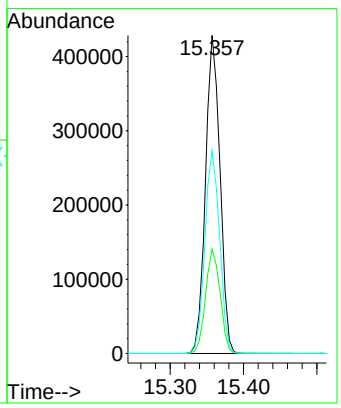


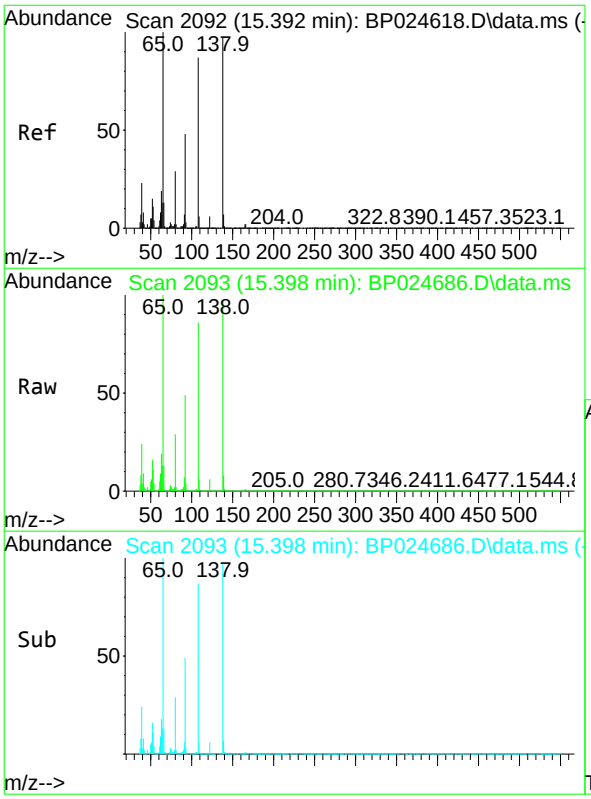
#61
4-Chlorophenyl-phenylether
Concen: 39.337 ng
RT: 15.357 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 589348

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.0	39.0
141	63.7	52.9	79.3

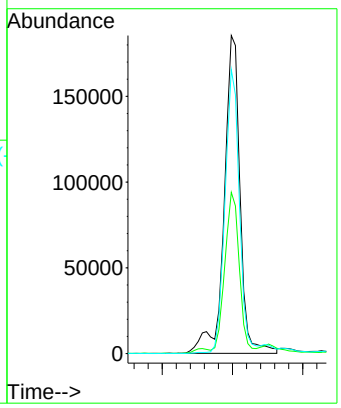


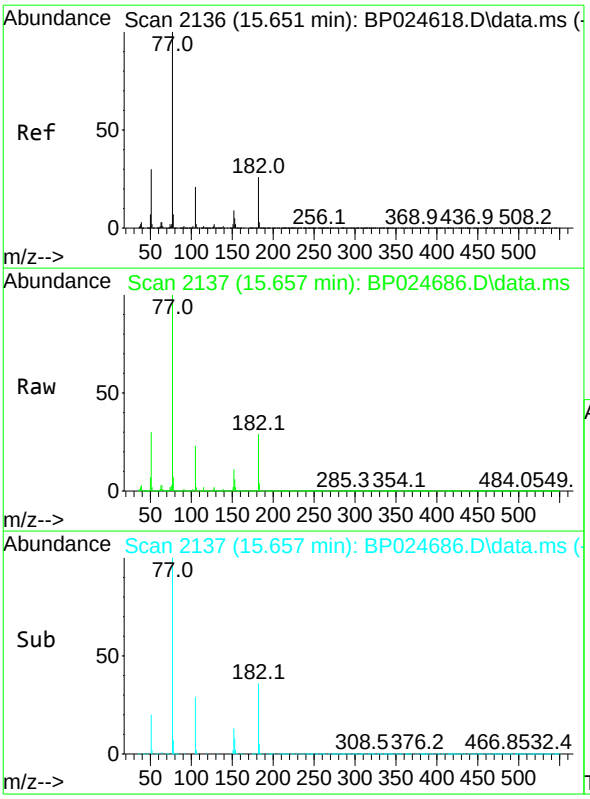


#62
4-Nitroaniline
Concen: 43.168 ng
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:138 Resp: 291885

Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.2	69.2
108	89.2	69.0	109.0



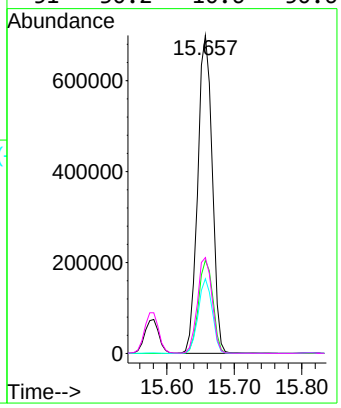


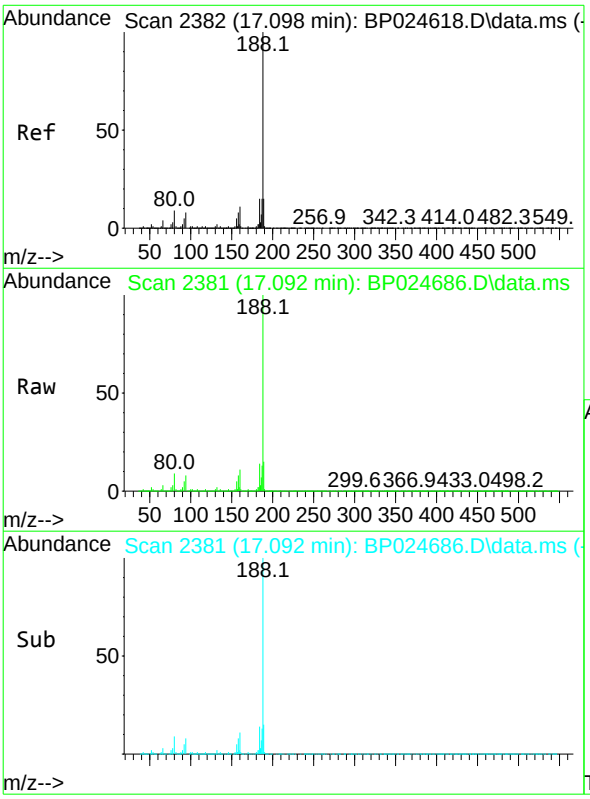
#63
Azobenzene
Concen: 37.169 ng
RT: 15.657 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1043623

Ion	Ratio	Lower	Upper
77	100		
182	29.3	5.7	45.7
105	23.5	1.3	41.3
51	30.2	10.6	50.6

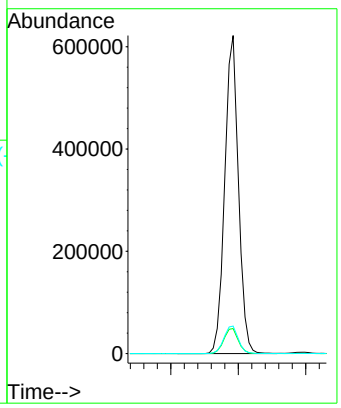


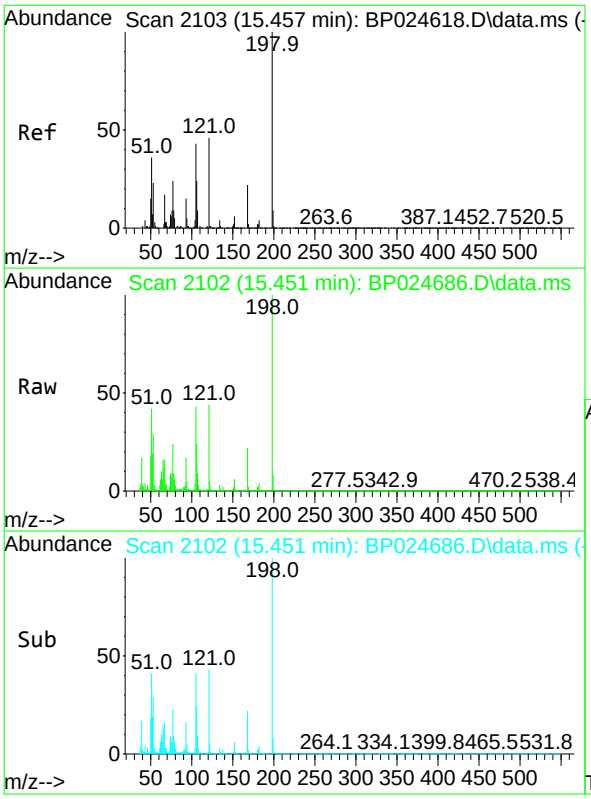


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:188 Resp: 875686

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.5	9.7
80	8.6	7.3	10.9



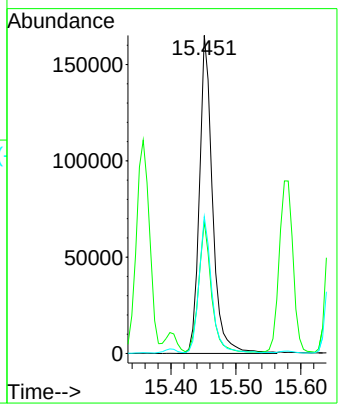


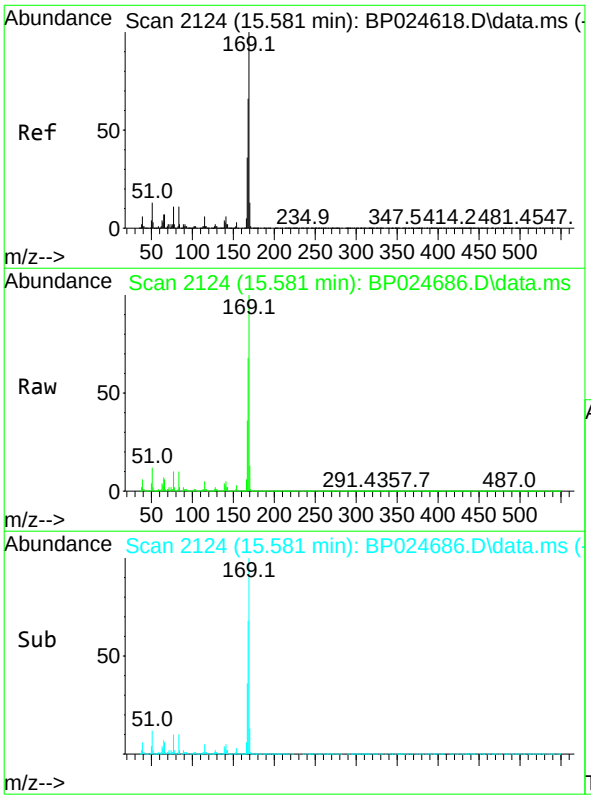
#65
4,6-Dinitro-2-methylphenol
Concen: 40.900 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 231347

Ion	Ratio	Lower	Upper
198	100		
51	41.5	21.1	61.1
105	43.0	23.6	63.6

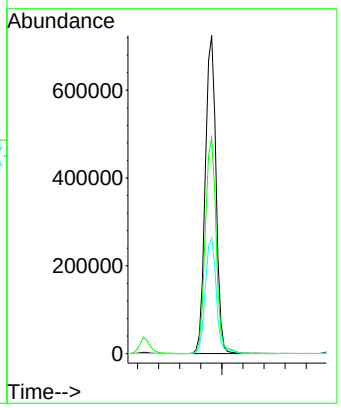


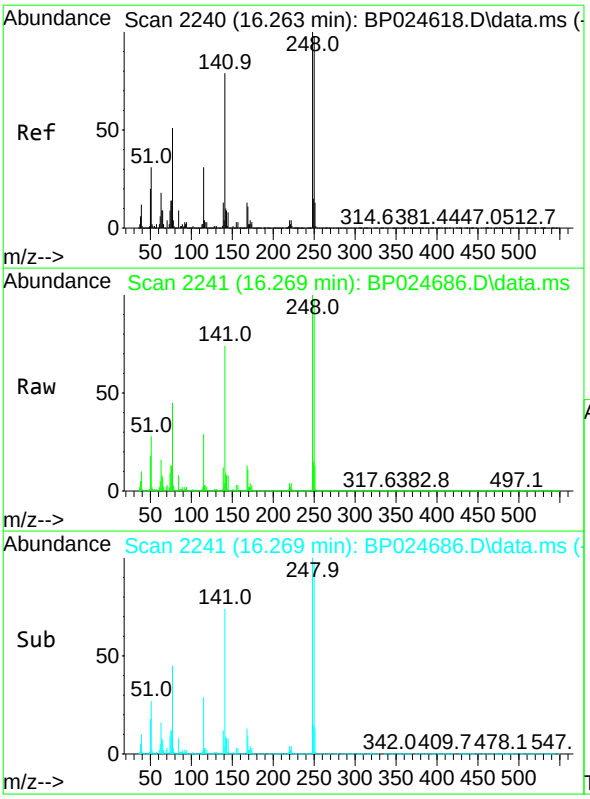


#66
n-Nitrosodiphenylamine
Concen: 38.112 ng
RT: 15.581 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:169 Resp: 1025110

Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.2	79.8
167	36.3	28.6	43.0



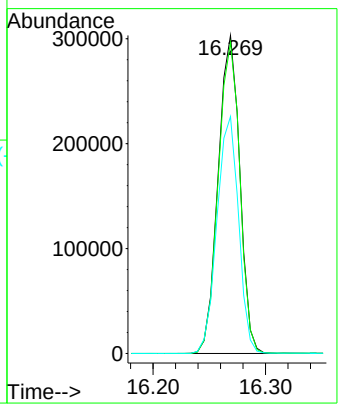


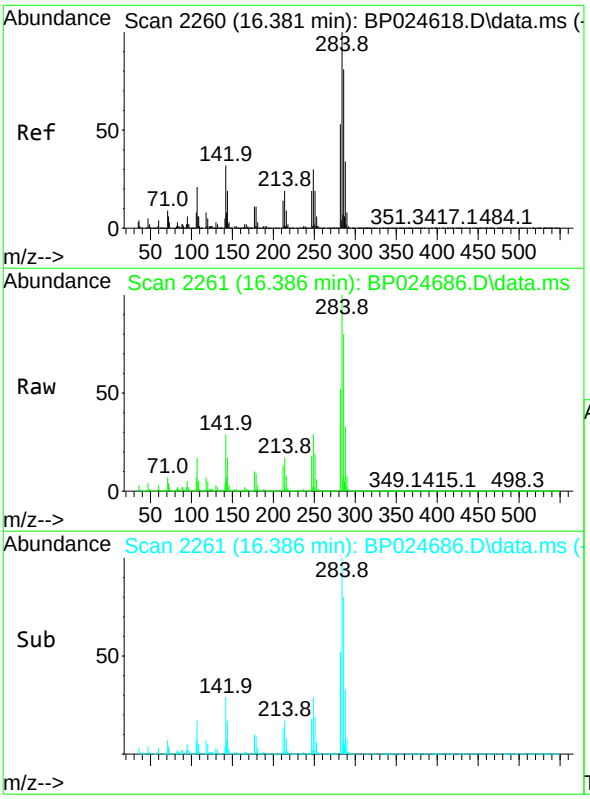
#67
4-Bromophenyl-phenylether
Concen: 39.191 ng
RT: 16.269 min Scan# 22
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 404396

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.2	117.4
141	74.5	63.0	94.6

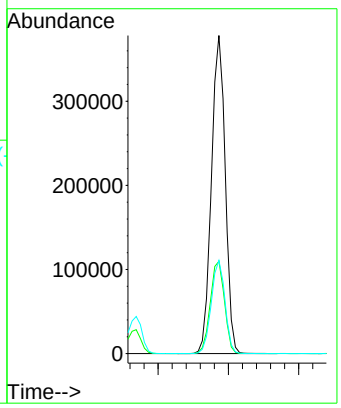


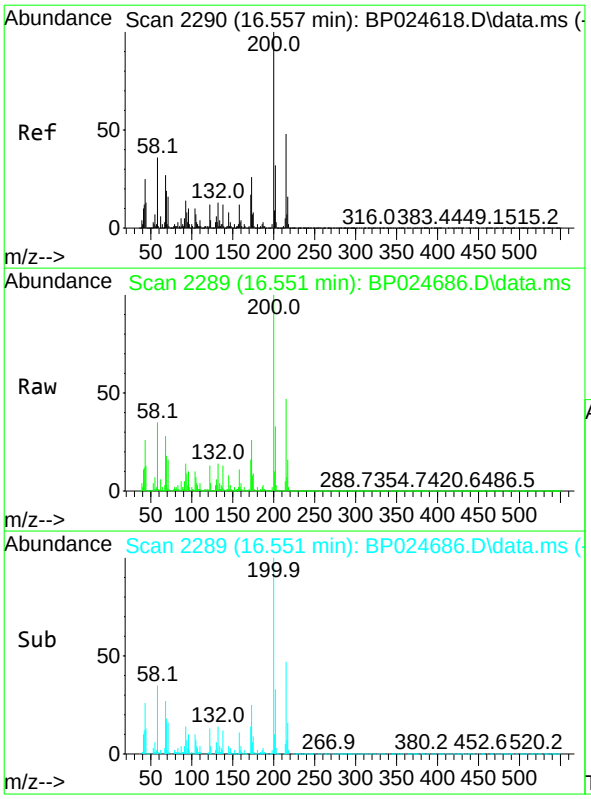


#68
Hexachlorobenzene
Concen: 39.386 ng
RT: 16.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:284 Resp: 516422

Ion	Ratio	Lower	Upper
284	100		
142	29.0	25.9	38.9
249	29.3	24.1	36.1



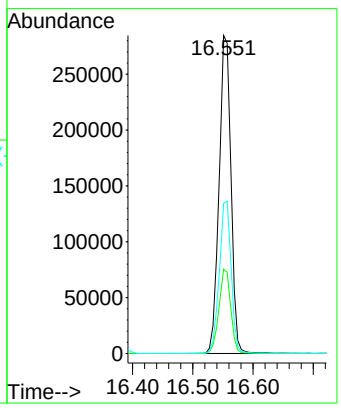


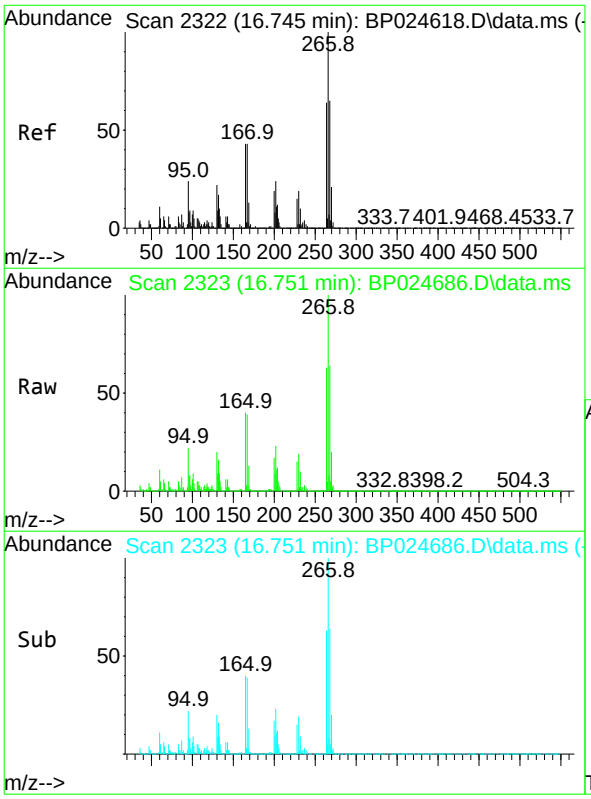
#69
Atrazine
Concen: 39.617 ng
RT: 16.551 min Scan# 22
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 390518

Ion	Ratio	Lower	Upper
200	100		
173	26.5	5.9	45.9
215	47.3	28.3	68.3

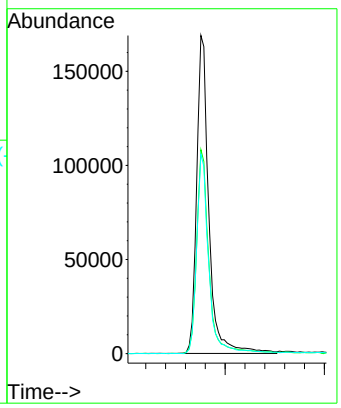


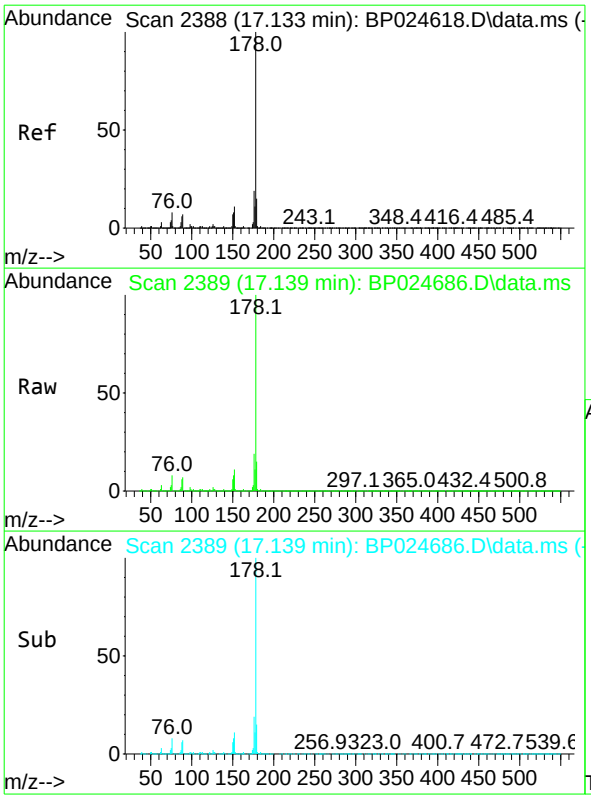


#70
Pentachlorophenol
Concen: 39.104 ng
RT: 16.751 min Scan# 2323
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:266 Resp: 287810

Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.2	78.4
264	62.7	51.1	76.7



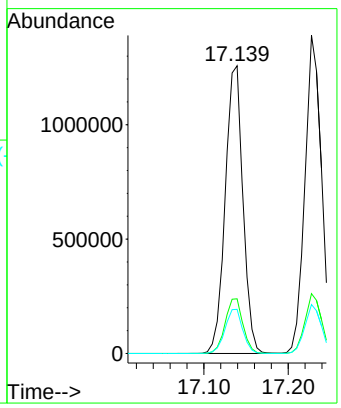


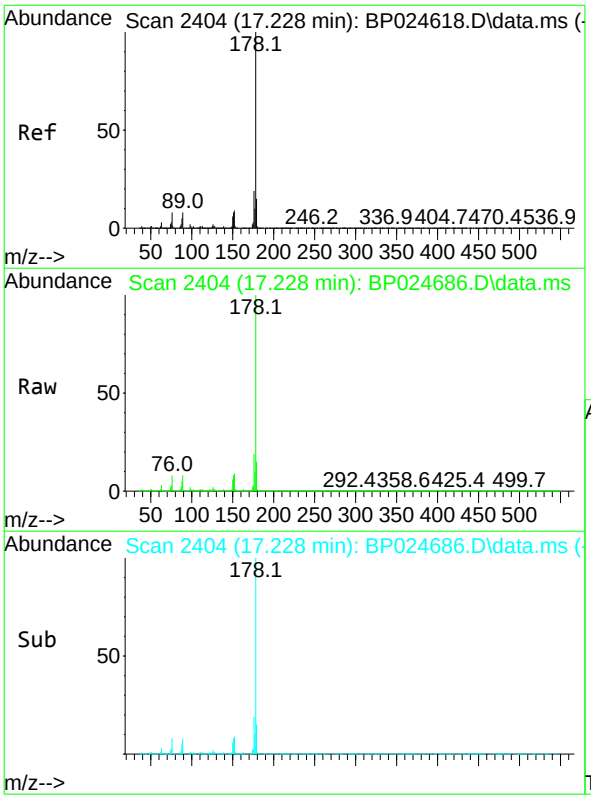
#71
Phenanthrene
Concen: 37.679 ng
RT: 17.139 min Scan# 23
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1834222

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.2	18.4

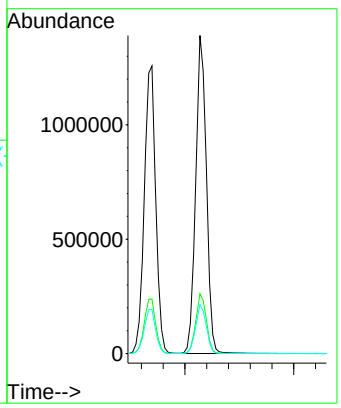


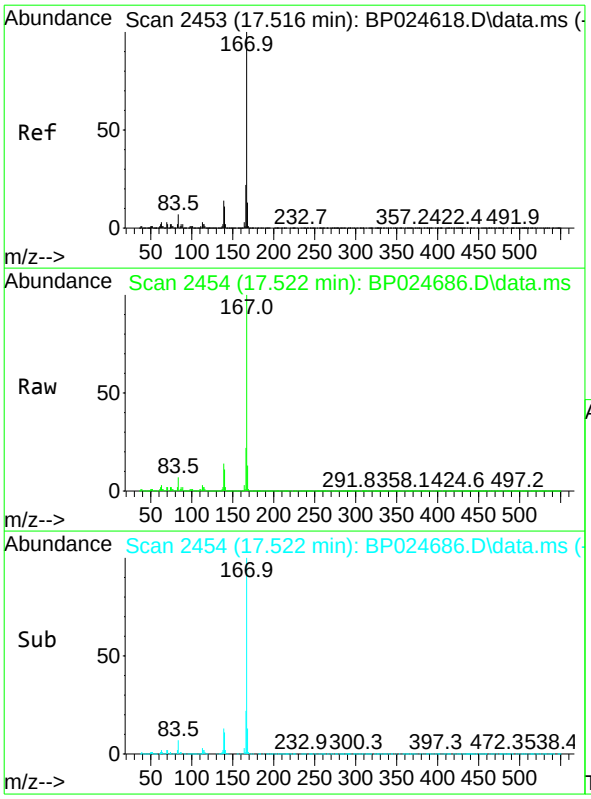


#72
Anthracene
Concen: 38.768 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:178 Resp: 1898802

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.4	12.2	18.2



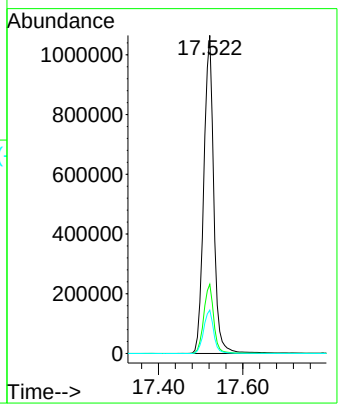


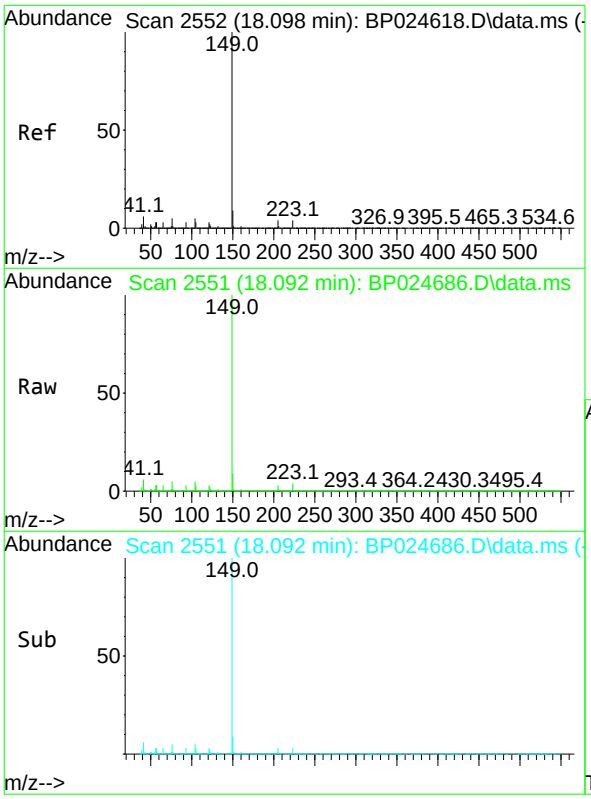
#73
Carbazole
Concen: 39.311 ng
RT: 17.522 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 1742661

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	13.7	11.3	16.9

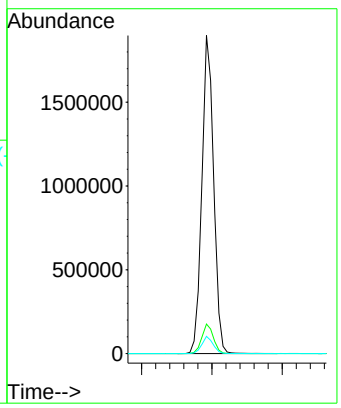


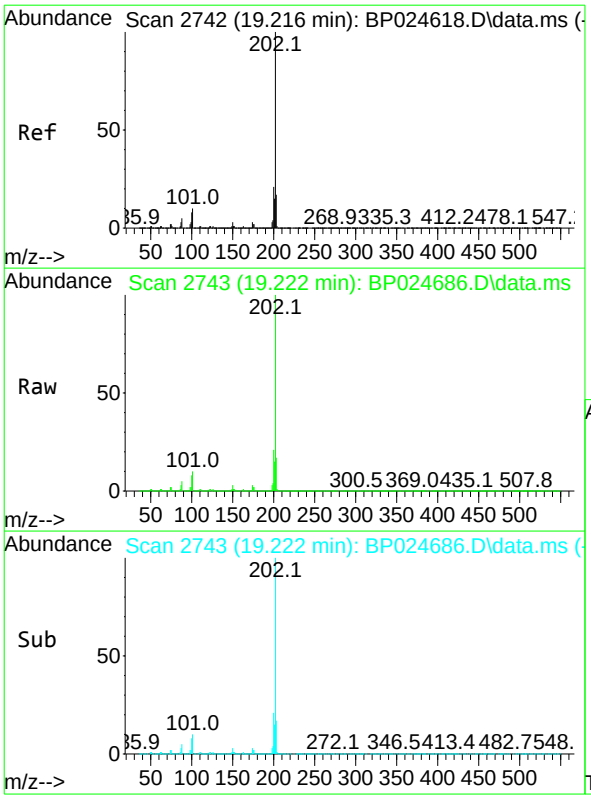


#74
Di-n-butylphthalate
Concen: 38.591 ng
RT: 18.092 min Scan# 2551
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:149 Resp: 2200144

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.4	4.3	6.5



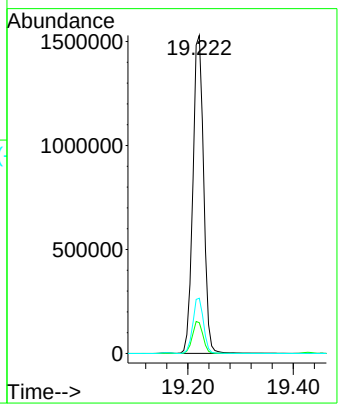


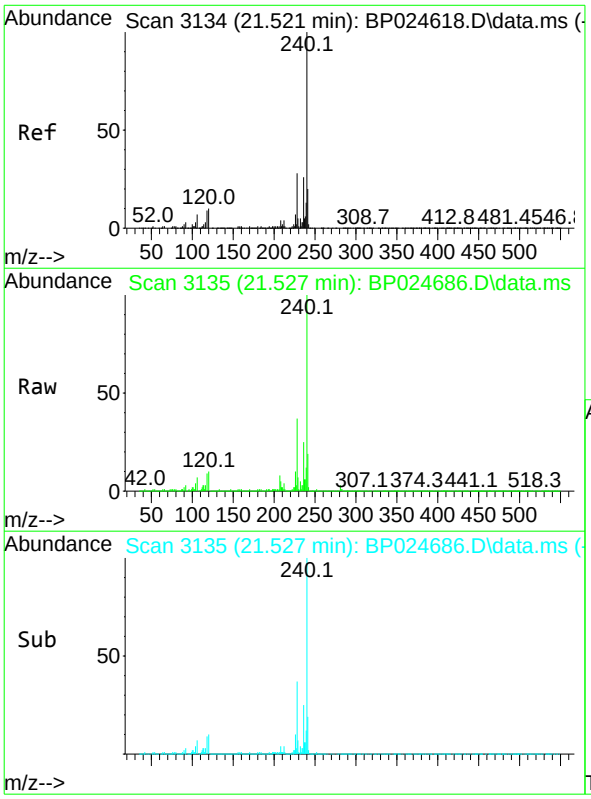
#75
Fluoranthene
Concen: 38.031 ng
RT: 19.222 min Scan# 27
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 2164114

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.3
203	17.4	0.0	37.5

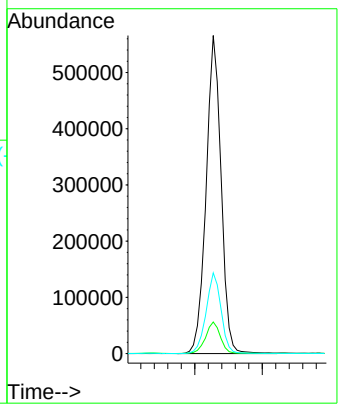


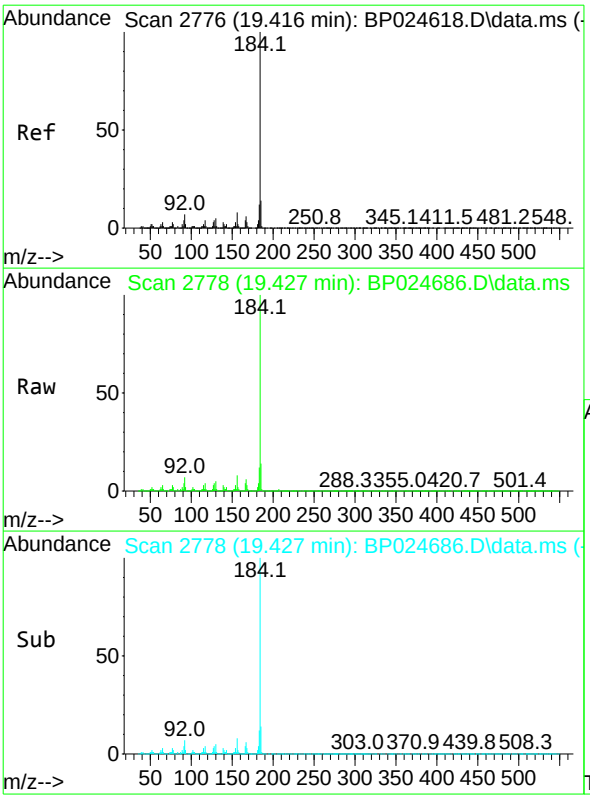


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:240 Resp: 872281

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.8	11.6
236	25.4	20.6	31.0



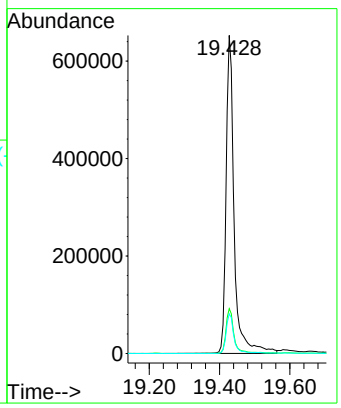


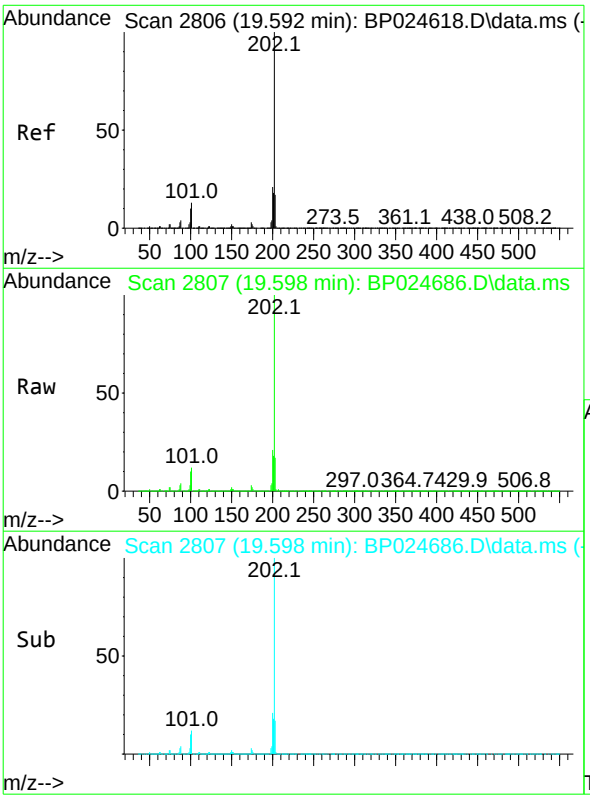
#77
Benzidine
Concen: 43.749 ng
RT: 19.427 min Scan# 27
Delta R.T. 0.011 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1039374

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.2	16.8
183	12.5	9.8	14.8

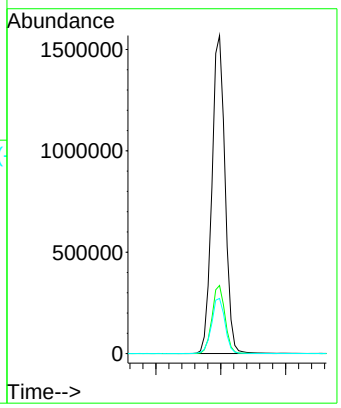


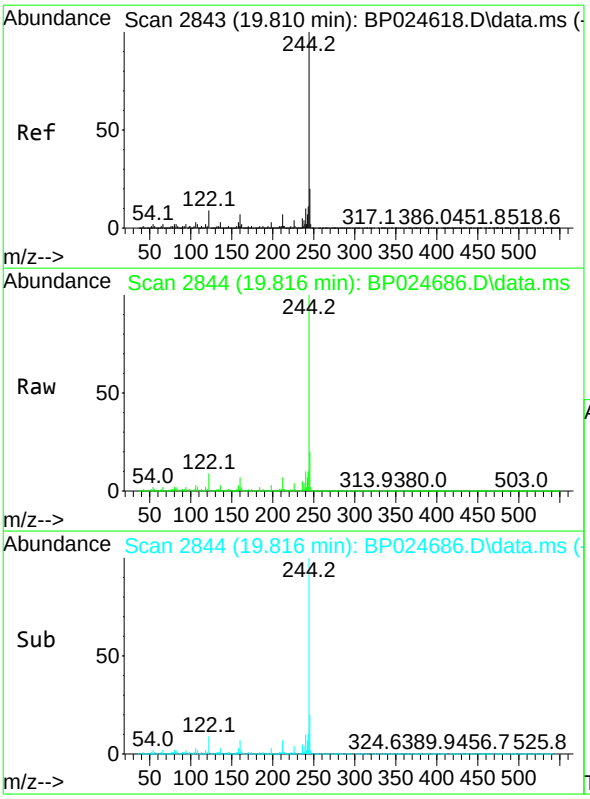


#78
Pyrene
Concen: 42.107 ng
RT: 19.598 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:202 Resp: 2200729

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.4	13.9	20.9



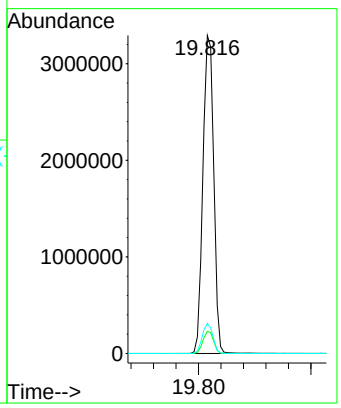


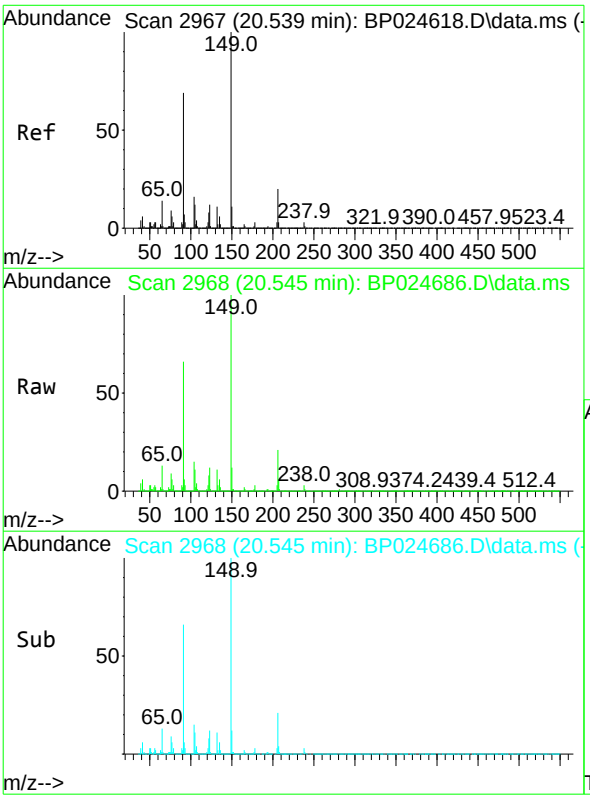
#79
Terphenyl-d14
Concen: 86.330 ng
RT: 19.816 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 4391709

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.4	7.4	11.0

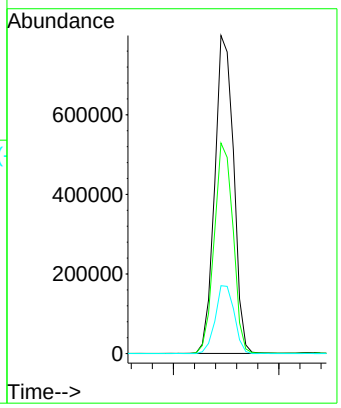


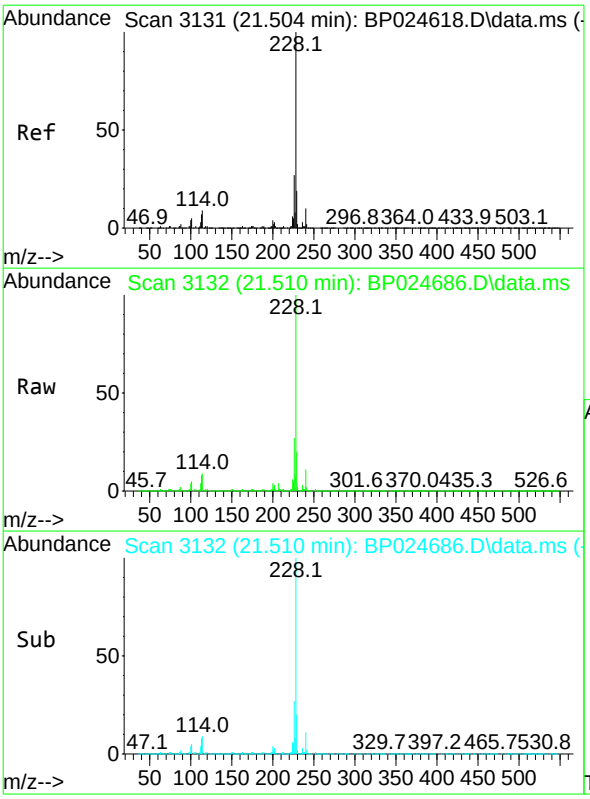


#80
Butylbenzylphthalate
Concen: 42.806 ng
RT: 20.545 min Scan# 2968
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:149 Resp: 994991

Ion	Ratio	Lower	Upper
149	100		
91	66.2	55.4	83.0
206	21.3	16.2	24.2



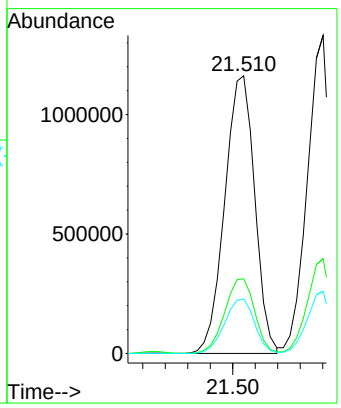


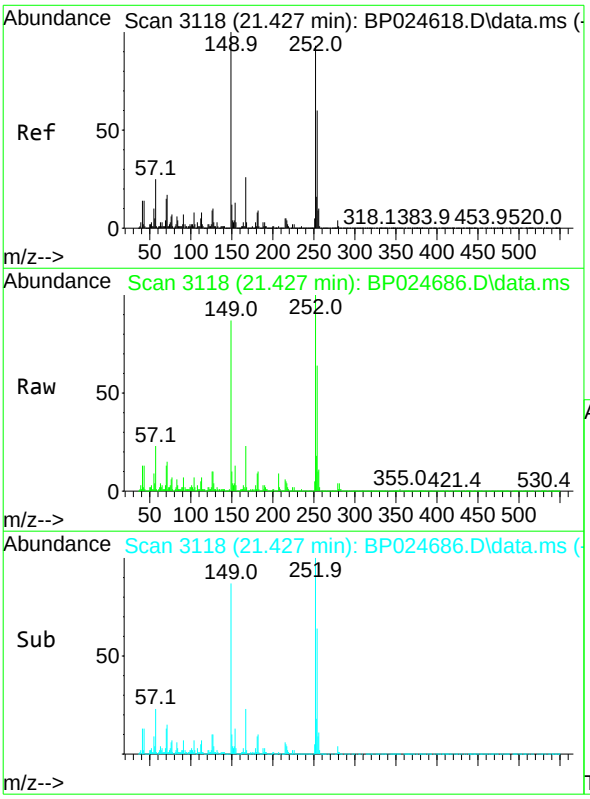
#81
Benzo(a)anthracene
Concen: 39.294 ng
RT: 21.510 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2152203

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.0
229	19.6	15.5	23.3

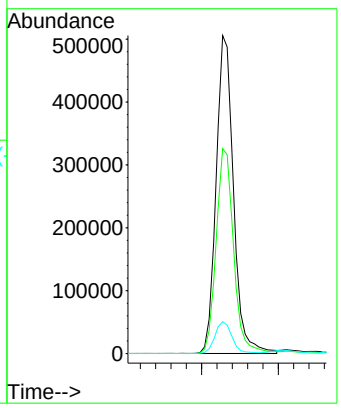


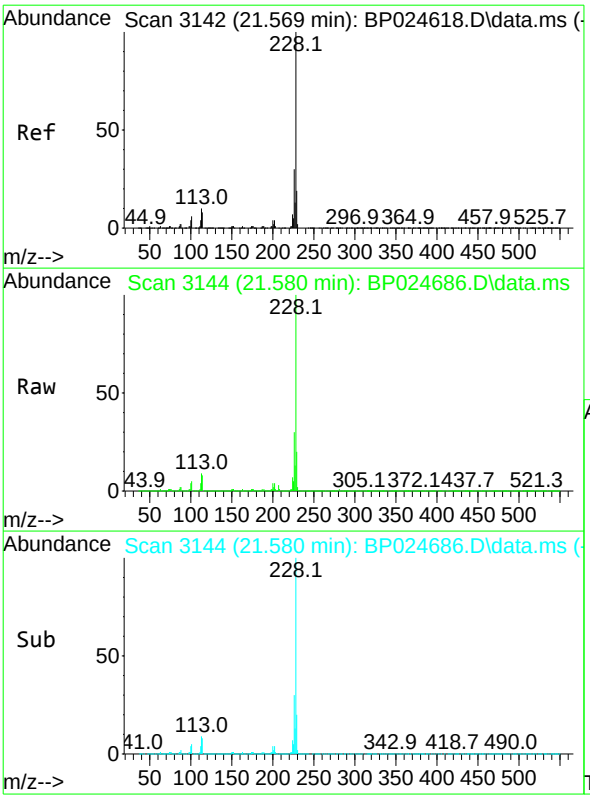


#82
3,3'-Dichlorobenzidine
Concen: 38.984 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:252 Resp: 793072

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.6
126	10.0	7.7	11.5



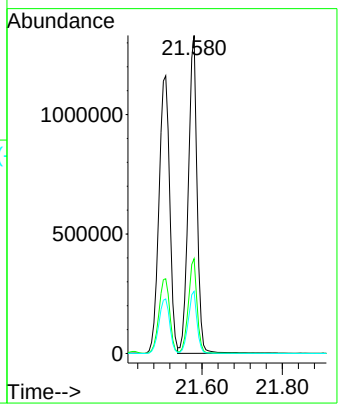


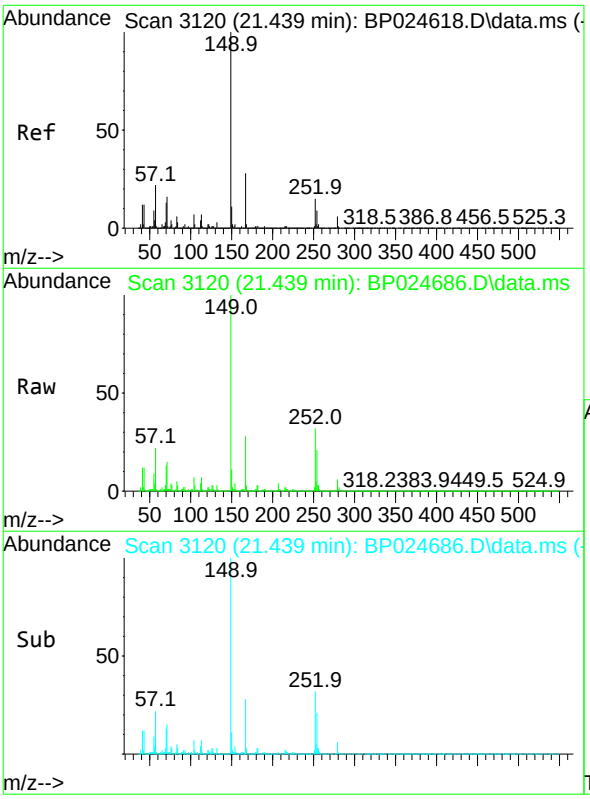
#83
Chrysene
Concen: 38.624 ng
RT: 21.580 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2005387

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	19.5	15.5	23.3

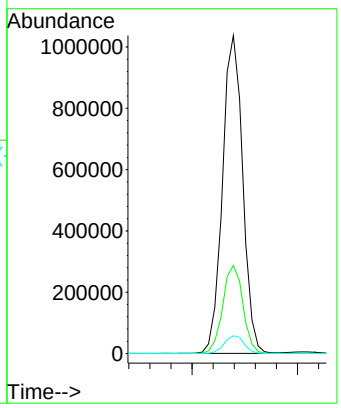


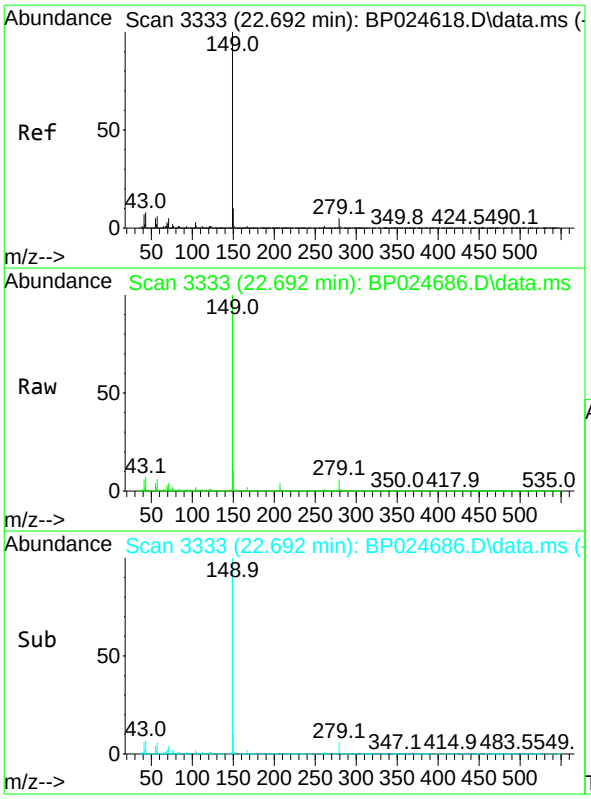


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.421 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:149 Resp: 1380988

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.1	33.1
279	5.6	4.6	6.8



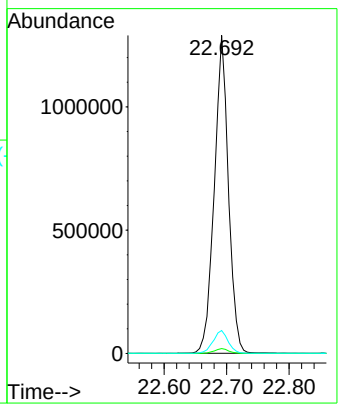


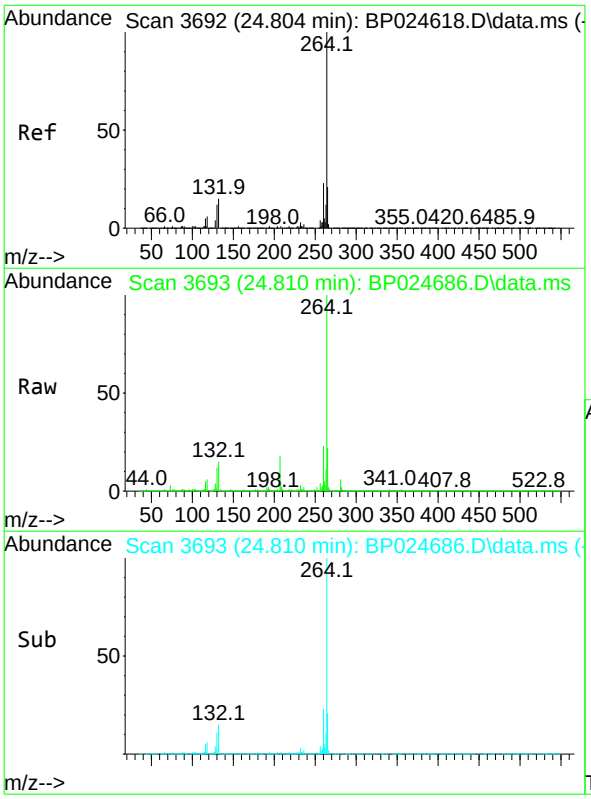
#85
Di-n-octyl phthalate
Concen: 36.228 ng
RT: 22.692 min Scan# 33
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 2024055

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.6	6.3	9.5

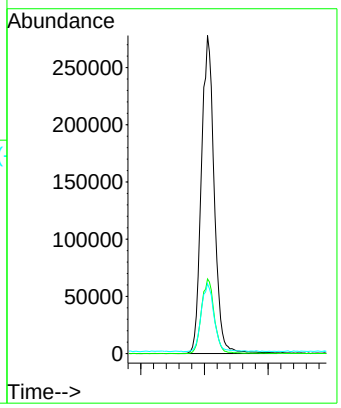


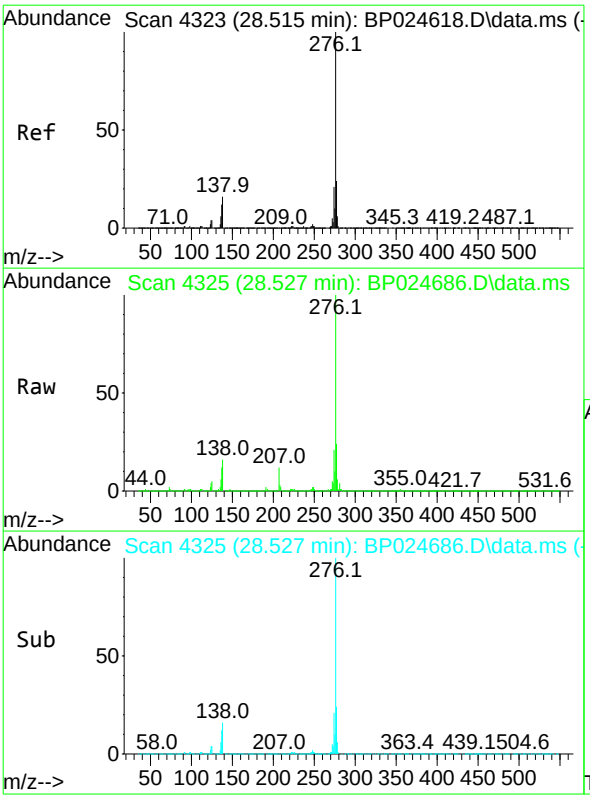


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:264 Resp: 779874

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.0	17.0	25.6



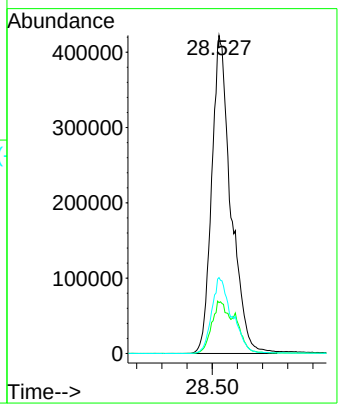


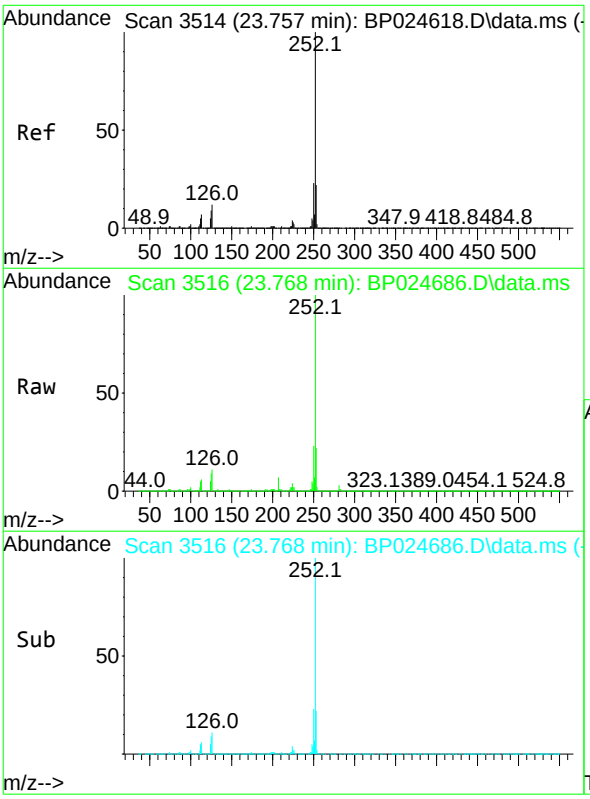
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.188 ng
RT: 28.527 min Scan# 43
Delta R.T. 0.012 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 2231204

Ion	Ratio	Lower	Upper
276	100		
138	14.1	11.2	16.8
277	25.4	15.7	23.5#

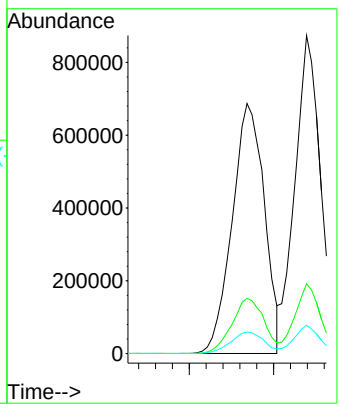


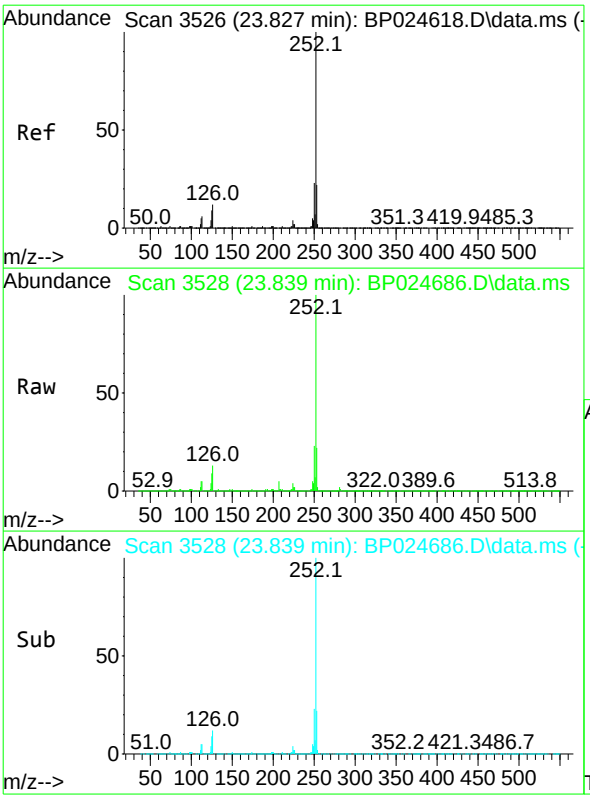


#88
Benzo(b)fluoranthene
Concen: 40.762 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:252 Resp: 1819580

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	8.6	7.5	11.3



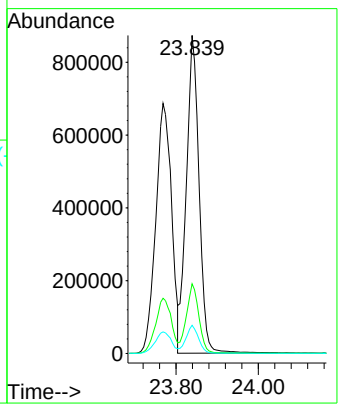


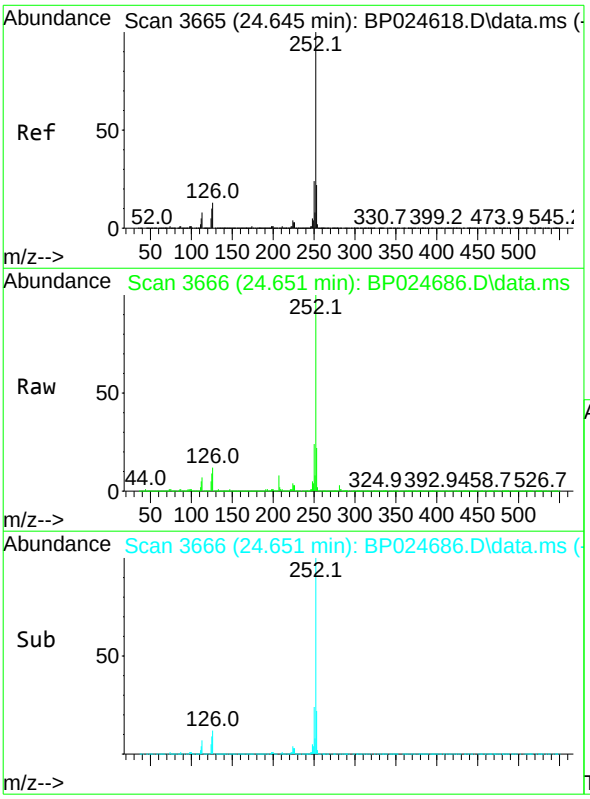
#89
Benzo(k)fluoranthene
Concen: 40.822 ng
RT: 23.839 min Scan# 35
Delta R.T. 0.012 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1877708

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	8.9	7.0	10.4

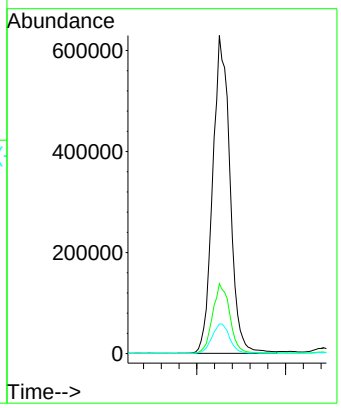


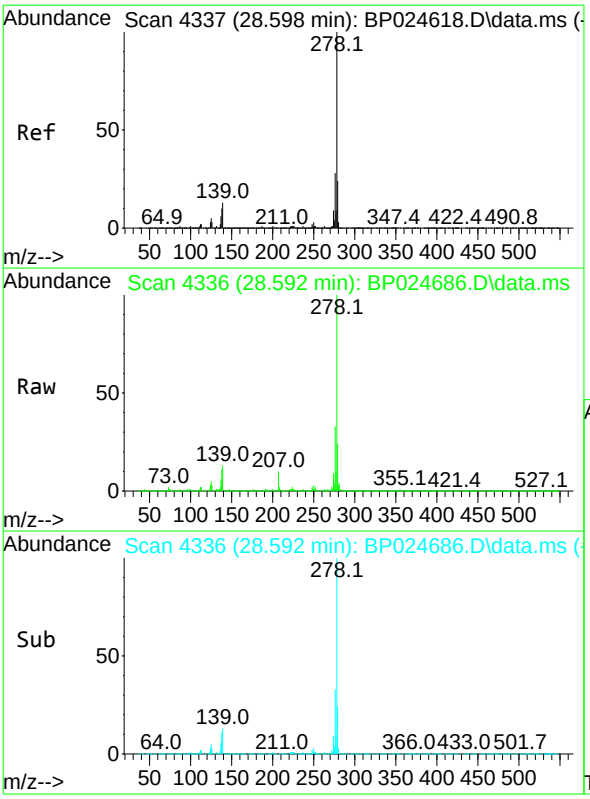


#90
Benzo(a)pyrene
Concen: 39.731 ng
RT: 24.651 min Scan# 3666
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:252 Resp: 1703325

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.3	8.1	12.1



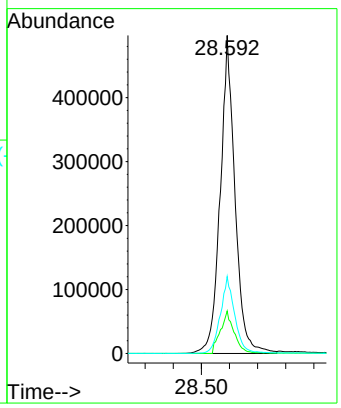


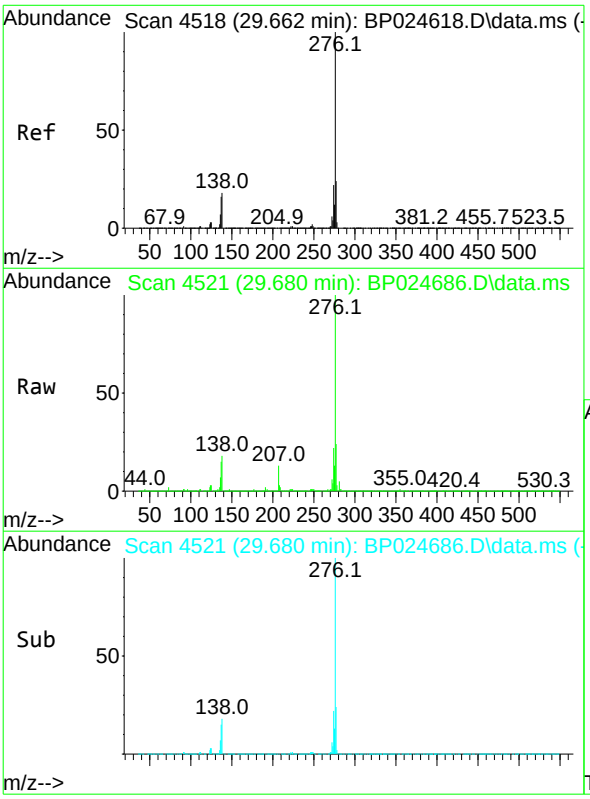
#91
Dibenzo(a,h)anthracene
Concen: 39.164 ng
RT: 28.592 min Scan# 43
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 1814035

Ion	Ratio	Lower	Upper
278	100		
139	13.4	10.2	15.4
279	24.2	19.0	28.4

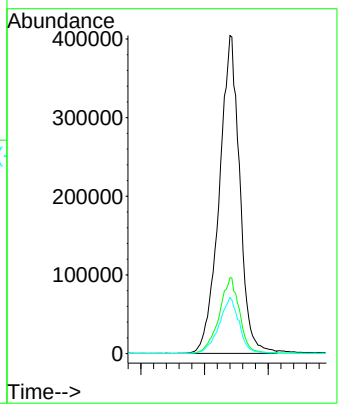




#92
Benzo(g,h,i)perylene
Concen: 39.120 ng
RT: 29.680 min Scan# 4521
Delta R.T. 0.018 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:276 Resp: 1801944

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	17.6	14.4	21.6



Sample Results: **BP024686.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024686.D
Acq On : 19 May 2025 12:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 19 14:38:00 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

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	123	0.00
2		1,4-Dioxane	0.549	0.489	10.9	119	0.00
3		Pyridine	1.218	1.176	3.4	121	0.00
4		n-Nitrosodimethylamine	0.538	0.499	7.2	119	0.00
5	S	2-Fluorophenol	1.169	1.150	1.6	128	0.00
6		Aniline	1.927	1.866	3.2	120	0.00
7	S	Phenol-d6	1.492	1.492	0.0	125	0.01
8		2-Chlorophenol	1.327	1.332	-0.4	126	0.00
9		Benzaldehyde	0.966	0.927	4.0	119	-0.01
10	C	Phenol	1.540	1.515	1.6	124	0.00
11		bis(2-Chloroethyl)ether	1.266	1.186	6.3	120	0.00
12		1,3-Dichlorobenzene	1.527	1.462	4.3	125	0.00
13	C	1,4-Dichlorobenzene	1.536	1.497	2.5	125	-0.01
14		1,2-Dichlorobenzene	1.497	1.436	4.1	124	0.00
15		Benzyl Alcohol	1.134	1.139	-0.4	122	0.00
16		2,2'-oxybis(1-Chloropropane	1.516	1.413	6.8	119	-0.01
17		2-Methylphenol	1.105	1.105	0.0	124	0.00
18		Hexachloroethane	0.589	0.544	7.6	122	0.00
19	P	n-Nitroso-di-n-propylamine	1.032	0.994	3.7	117	0.00
20		3+4-Methylphenols	1.503	1.498	0.3	122	0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	121	0.00
22		Acetophenone	0.500	0.474	5.2	119	0.00
23	S	Nitrobenzene-d5	0.396	0.371	6.3	117	0.00
24		Nitrobenzene	0.348	0.326	6.3	117	0.00
25		Isophorone	0.687	0.647	5.8	116	0.00
26	C	2-Nitrophenol	0.171	0.181	-5.8	127	-0.01
27		2,4-Dimethylphenol	0.301	0.303	-0.7	123	0.00
28		bis(2-Chloroethoxy)methane	0.410	0.382	6.8	115	0.00
29	C	2,4-Dichlorophenol	0.292	0.294	-0.7	122	0.01
30		1,2,4-Trichlorobenzene	0.329	0.317	3.6	125	0.00
31		Naphthalene	1.036	0.989	4.5	122	0.00
32		Benzoic acid	0.181	0.183	-1.1	115	0.02
33		4-Chloroaniline	0.418	0.426	-1.9	123	0.00
34	C	Hexachlorobutadiene	0.213	0.203	4.7	124	0.00
35		Caprolactam	0.106	0.109	-2.8	120	0.01
36	C	4-Chloro-3-methylphenol	0.356	0.352	1.1	119	0.02
37		2-Methylnaphthalene	0.671	0.648	3.4	122	0.00
38		1-Methylnaphthalene	0.718	0.689	4.0	120	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	118	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.581	0.567	2.4	121	0.00
41	P	Hexachlorocyclopentadiene	0.352	0.524	-48.9#	173#	0.00
42	S	2,4,6-Tribromophenol	0.339	0.350	-3.2	128	0.00
43	C	2,4,6-Trichlorophenol	0.376	0.389	-3.5	123	0.00
44		2,4,5-Trichlorophenol	0.419	0.420	-0.2	122	0.02
45	S	2-Fluorobiphenyl	1.527	1.471	3.7	121	0.00
46		1,1'-Biphenyl	1.478	1.423	3.7	121	0.00
47		2-Chloronaphthalene	1.127	1.099	2.5	121	0.00

Sample Results: **BP024686.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024686.D
Acq On : 19 May 2025 12:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 19 14:38:00 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

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	0.330	1.2	116	0.00
49		Acenaphthylene	1.886	1.814	3.8	118	0.00
50		Dimethylphthalate	1.524	1.431	6.1	116	0.00
51		2,6-Dinitrotoluene	0.322	0.314	2.5	118	-0.01
52	C	Acenaphthene	1.084	1.034	4.6	118	0.00
53		3-Nitroaniline	0.329	0.334	-1.5	115	0.00
54	P	2,4-Dinitrophenol	0.169	0.173	-2.4	118	0.00
55		Dibenzofuran	1.730	1.657	4.2	119	0.00
56	P	4-Nitrophenol	0.250	0.219	12.4	100	0.04
57		2,4-Dinitrotoluene	0.454	0.465	-2.4	120	0.00
58		Fluorene	1.410	1.400	0.7	123	0.00
59		2,3,4,6-Tetrachlorophenol	0.388	0.388	0.0	121	0.00
60		Diethylphthalate	1.541	1.495	3.0	122	0.00
61		4-Chlorophenyl-phenylether	0.703	0.692	1.6	124	0.00
62		4-Nitroaniline	0.317	0.343	-8.2	122	0.00
63		Azobenzene	1.318	1.225	7.1	115	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	122	0.00
65		4,6-Dinitro-2-methylphenol	0.129	0.132	-2.3	125	0.00
66	c	n-Nitrosodiphenylamine	0.614	0.585	4.7	120	0.00
67		4-Bromophenyl-phenylether	0.236	0.231	2.1	125	0.00
68		Hexachlorobenzene	0.299	0.295	1.3	128	0.00
69		Atrazine	0.225	0.223	0.9	125	0.00
70	C	Pentachlorophenol	0.168	0.164	2.4	117	0.00
71		Phenanthrene	1.112	1.047	5.8	122	0.00
72		Anthracene	1.119	1.084	3.1	123	0.00
73		Carbazole	1.012	0.995	1.7	121	0.00
74		Di-n-butylphthalate	1.302	1.256	3.5	122	0.00
75	C	Fluoranthene	1.300	1.236	4.9	121	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	108	0.00
77		Benzidine	0.545	0.596	-9.4	115	0.01
78		Pyrene	1.198	1.261	-5.3	118	0.00
79	S	Terphenyl-d14	1.166	1.259	-8.0	120	0.00
80		Butylbenzylphthalate	0.533	0.570	-6.9	116	0.00
81		Benzo(a)anthracene	1.256	1.234	1.8	110	0.00
82		3,3'-Dichlorobenzidine	0.466	0.455	2.4	102	0.00
83		Chrysene	1.190	1.150	3.4	109	0.01
84		Bis(2-ethylhexyl)phthalate	0.783	0.792	-1.1	111	0.00
85	c	Di-n-octyl phthalate	1.281	1.160	9.4	98	0.00
86	I	Perylene-d12	1.000	1.000	0.0	84	0.00
87		Indeno(1,2,3-cd)pyrene	1.460	1.430	2.1	84	0.01
88		Benzo(b)fluoranthene	1.145	1.167	-1.9	89	0.01
89		Benzo(k)fluoranthene	1.180	1.204	-2.0	89	0.01
90	C	Benzo(a)pyrene	1.099	1.092	0.6	86	0.00
91		Dibenzo(a,h)anthracene	1.188	1.163	2.1	84	0.00
92		Benzo(g,h,i)perylene	1.181	1.155	2.2	84	0.02

Sample Results: **BP024686.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024686.D
Acq On : 19 May 2025 12:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 19 14:38:00 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

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: **BP024686.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024686.D
Acq On : 19 May 2025 12:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 19 14:38:00 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

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	123	0.00
2		1,4-Dioxane	40.000	35.623	10.9	119	0.00
3		Pyridine	40.000	38.632	3.4	121	0.00
4		n-Nitrosodimethylamine	40.000	37.120	7.2	119	0.00
5	S	2-Fluorophenol	80.000	78.707	1.6	128	0.00
6		Aniline	40.000	38.734	3.2	120	0.00
7	S	Phenol-d6	80.000	79.989	0.0	125	0.01
8		2-Chlorophenol	40.000	40.131	-0.3	126	0.00
9		Benzaldehyde	40.000	38.364	4.1	119	-0.01
10	C	Phenol	40.000	39.330	1.7	124	0.00
11		bis(2-Chloroethyl)ether	40.000	37.469	6.3	120	0.00
12		1,3-Dichlorobenzene	40.000	38.293	4.3	125	0.00
13	C	1,4-Dichlorobenzene	40.000	38.977	2.6	125	-0.01
14		1,2-Dichlorobenzene	40.000	38.385	4.0	124	0.00
15		Benzyl Alcohol	40.000	40.159	-0.4	122	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.300	6.8	119	-0.01
17		2-Methylphenol	40.000	40.012	-0.0	124	0.00
18		Hexachloroethane	40.000	36.970	7.6	122	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.513	3.7	117	0.00
20		3+4-Methylphenols	40.000	39.884	0.3	122	0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	121	0.00
22		Acetophenone	40.000	37.987	5.0	119	0.00
23	S	Nitrobenzene-d5	80.000	74.927	6.3	117	0.00
24		Nitrobenzene	40.000	37.468	6.3	117	0.00
25		Isophorone	40.000	37.667	5.8	116	0.00
26	C	2-Nitrophenol	40.000	42.398	-6.0	127	-0.01
27		2,4-Dimethylphenol	40.000	40.297	-0.7	123	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.241	6.9	115	0.00
29	C	2,4-Dichlorophenol	40.000	40.391	-1.0	122	0.01
30		1,2,4-Trichlorobenzene	40.000	38.526	3.7	125	0.00
31		Naphthalene	40.000	38.183	4.5	122	0.00
32		Benzoic acid	40.000	36.998	7.5	115	0.02
33		4-Chloroaniline	40.000	40.734	-1.8	123	0.00
34	C	Hexachlorobutadiene	40.000	38.199	4.5	124	0.00
35		Caprolactam	40.000	41.294	-3.2	120	0.01
36	C	4-Chloro-3-methylphenol	40.000	39.617	1.0	119	0.02
37		2-Methylnaphthalene	40.000	38.634	3.4	122	0.00
38		1-Methylnaphthalene	40.000	38.361	4.1	120	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	118	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	39.044	2.4	121	0.00
41	P	Hexachlorocyclopentadiene	40.000	59.472	-48.7#	173	0.00
42	S	2,4,6-Tribromophenol	80.000	82.620	-3.3	128	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.398	-3.5	123	0.00
44		2,4,5-Trichlorophenol	40.000	40.168	-0.4	122	0.02
45	S	2-Fluorobiphenyl	80.000	77.102	3.6	121	0.00
46		1,1'-Biphenyl	40.000	38.494	3.8	121	0.00
47		2-Chloronaphthalene	40.000	39.009	2.5	121	0.00

Sample Results: **BP024686.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024686.D
Acq On : 19 May 2025 12:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 19 14:38:00 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

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.564	1.1	116	0.00
49		Acenaphthylene	40.000	38.478	3.8	118	0.00
50		Dimethylphthalate	40.000	37.553	6.1	116	0.00
51		2,6-Dinitrotoluene	40.000	38.993	2.5	118	-0.01
52	C	Acenaphthene	40.000	38.138	4.7	118	0.00
53		3-Nitroaniline	40.000	40.635	-1.6	115	0.00
54	P	2,4-Dinitrophenol	40.000	37.740	5.6	118	0.00
55		Dibenzofuran	40.000	38.328	4.2	119	0.00
56	P	4-Nitrophenol	40.000	33.400	16.5	100	0.04
57		2,4-Dinitrotoluene	40.000	40.998	-2.5	120	0.00
58		Fluorene	40.000	39.702	0.7	123	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.967	0.1	121	0.00
60		Diethylphthalate	40.000	38.807	3.0	122	0.00
61		4-Chlorophenyl-phenylether	40.000	39.337	1.7	124	0.00
62		4-Nitroaniline	40.000	43.168	-7.9	122	0.00
63		Azobenzene	40.000	37.169	7.1	115	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	122	0.00
65		4,6-Dinitro-2-methylphenol	40.000	40.900	-2.2	125	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.112	4.7	120	0.00
67		4-Bromophenyl-phenylether	40.000	39.191	2.0	125	0.00
68		Hexachlorobenzene	40.000	39.386	1.5	128	0.00
69		Atrazine	40.000	39.617	1.0	125	0.00
70	C	Pentachlorophenol	40.000	39.104	2.2	117	0.00
71		Phenanthrene	40.000	37.679	5.8	122	0.00
72		Anthracene	40.000	38.768	3.1	123	0.00
73		Carbazole	40.000	39.311	1.7	121	0.00
74		Di-n-butylphthalate	40.000	38.591	3.5	122	0.00
75	C	Fluoranthene	40.000	38.031	4.9	121	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	108	0.00
77		Benzidine	40.000	43.749	-9.4	115	0.01
78		Pyrene	40.000	42.107	-5.3	118	0.00
79	S	Terphenyl-d14	80.000	86.330	-7.9	120	0.00
80		Butylbenzylphthalate	40.000	42.806	-7.0	116	0.00
81		Benzo(a)anthracene	40.000	39.294	1.8	110	0.00
82		3,3'-Dichlorobenzidine	40.000	38.984	2.5	102	0.00
83		Chrysene	40.000	38.624	3.4	109	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	40.421	-1.1	111	0.00
85	c	Di-n-octyl phthalate	40.000	36.228	9.4	98	0.00
86	I	Perylene-d12	20.000	20.000	0.0	84	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	39.188	2.0	84	0.01
88		Benzo(b)fluoranthene	40.000	40.762	-1.9	89	0.01
89		Benzo(k)fluoranthene	40.000	40.822	-2.1	89	0.01
90	C	Benzo(a)pyrene	40.000	39.731	0.7	86	0.00
91		Dibenzo(a,h)anthracene	40.000	39.164	2.1	84	0.00
92		Benzo(g,h,i)perylene	40.000	39.120	2.2	84	0.02

Sample Results: **BP024686.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024686.D
Acq On : 19 May 2025 12:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 19 14:38:00 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

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

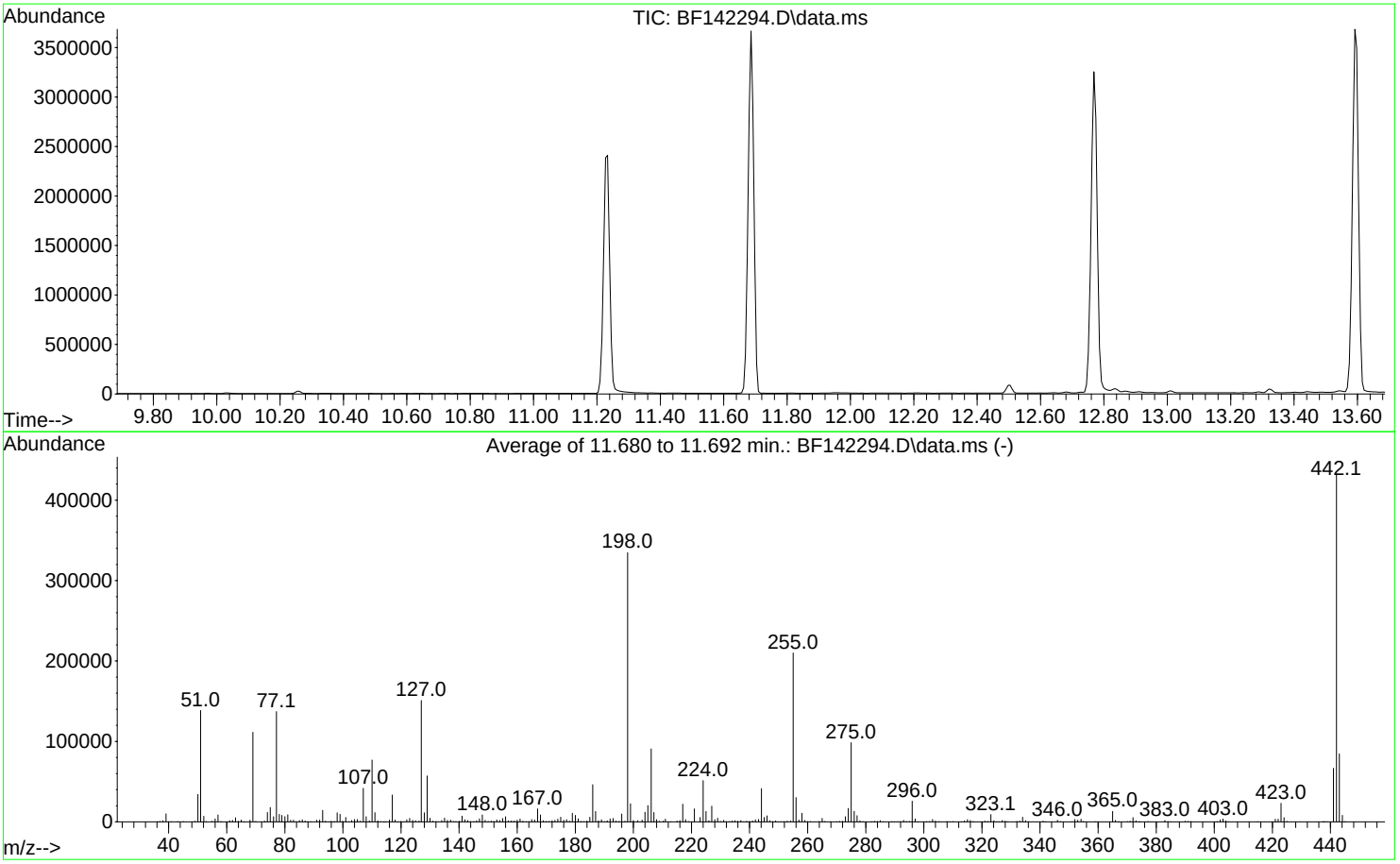
Sample Results: **BF142294.D**

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

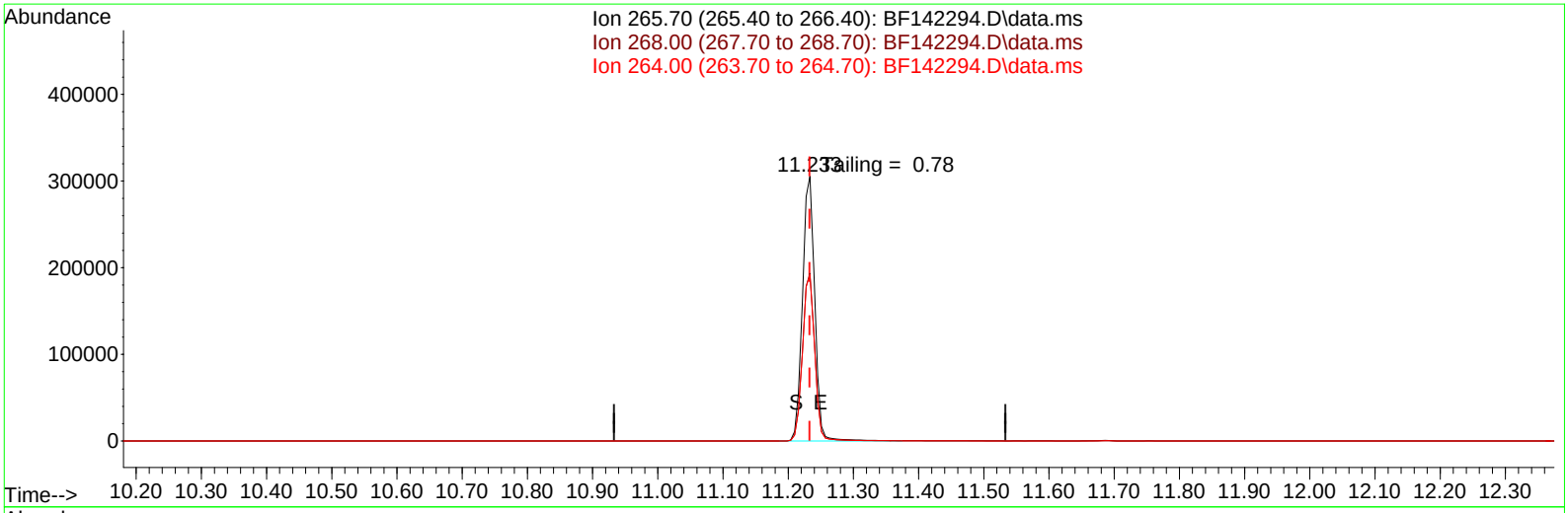
Instrument :
BNA_F
ClientSampleId :
DFTPP

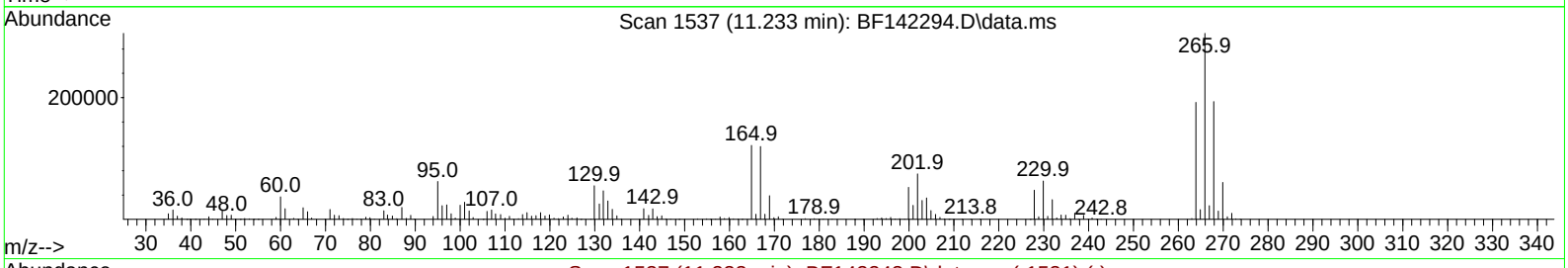
Sample Results: **BF142294.D**

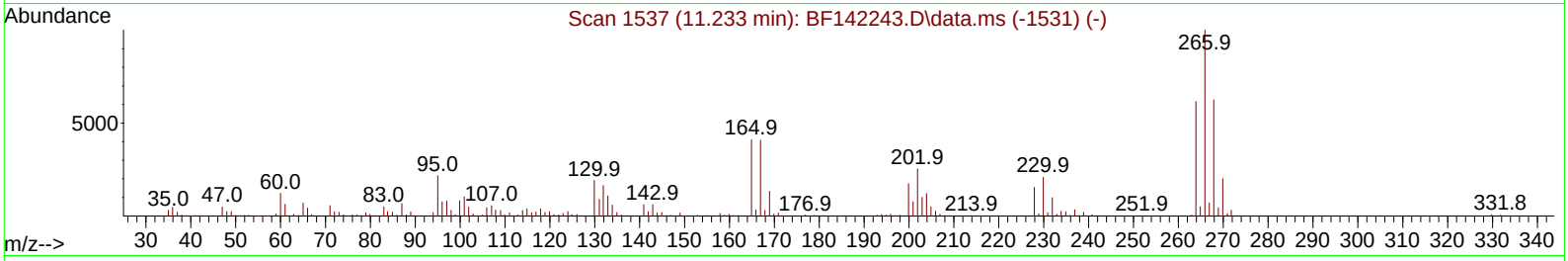
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142294.D
Acq On : 05 May 2025 13:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

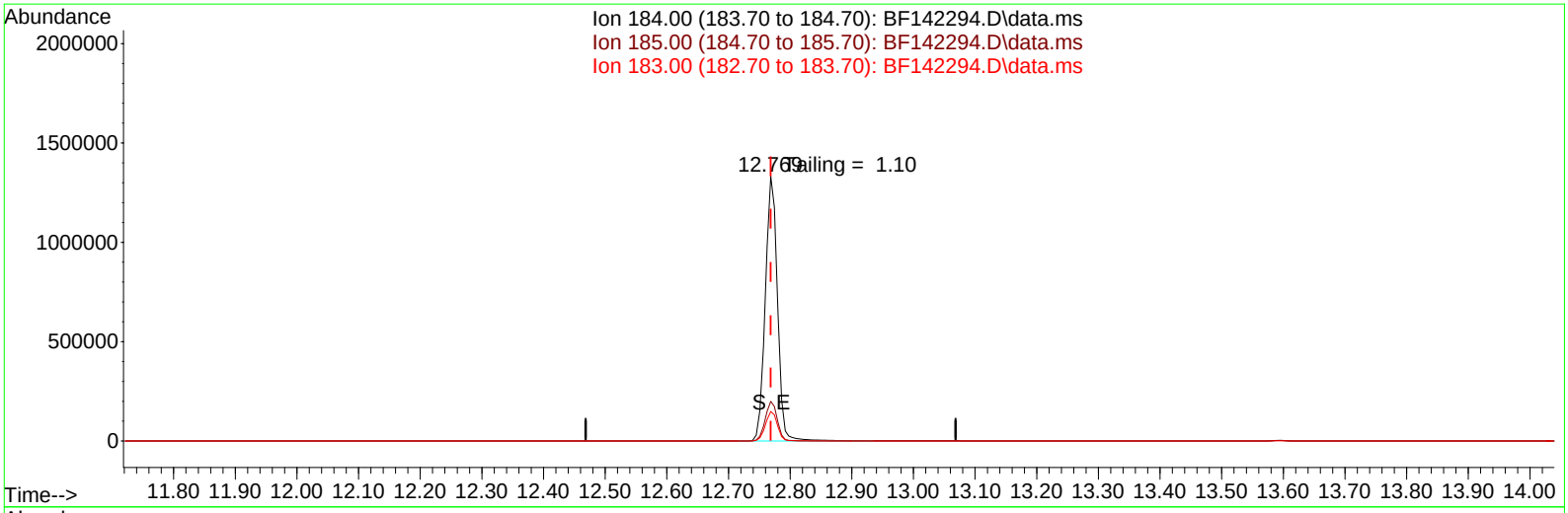
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.50	63.35
264.00	61.60	62.89
0.00	0.00	0.00

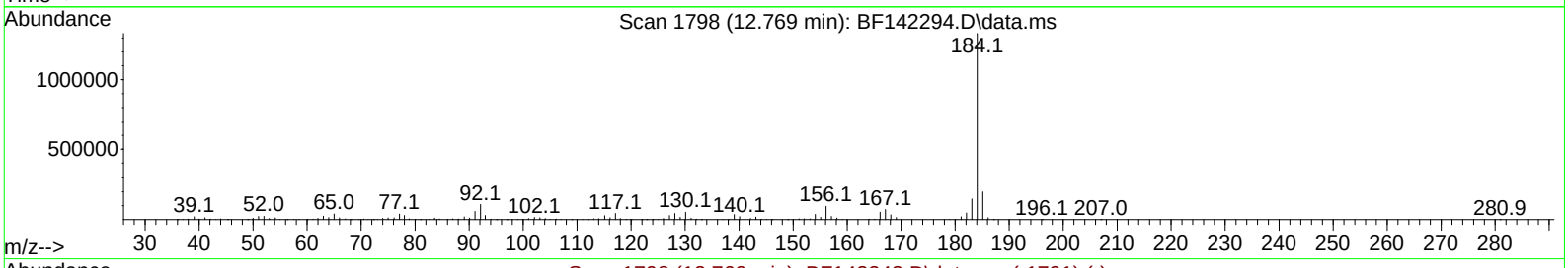
Sample Results: **BF142294.D**

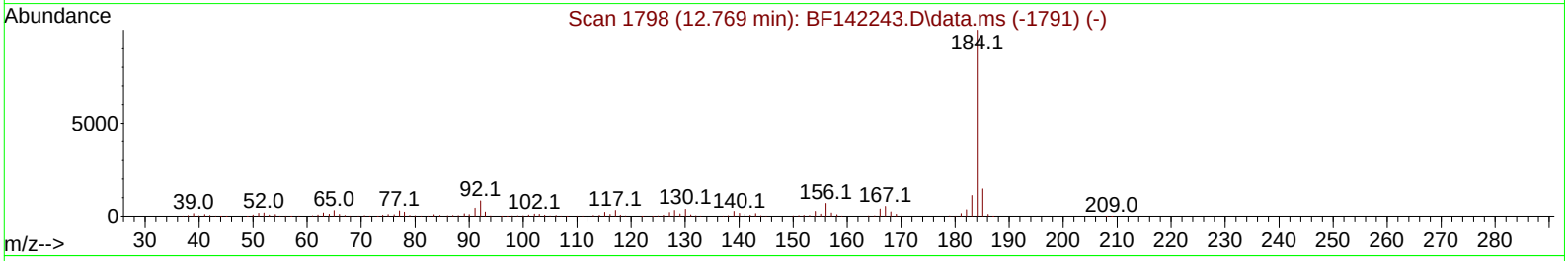
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142294.D
Acq On : 05 May 2025 13:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

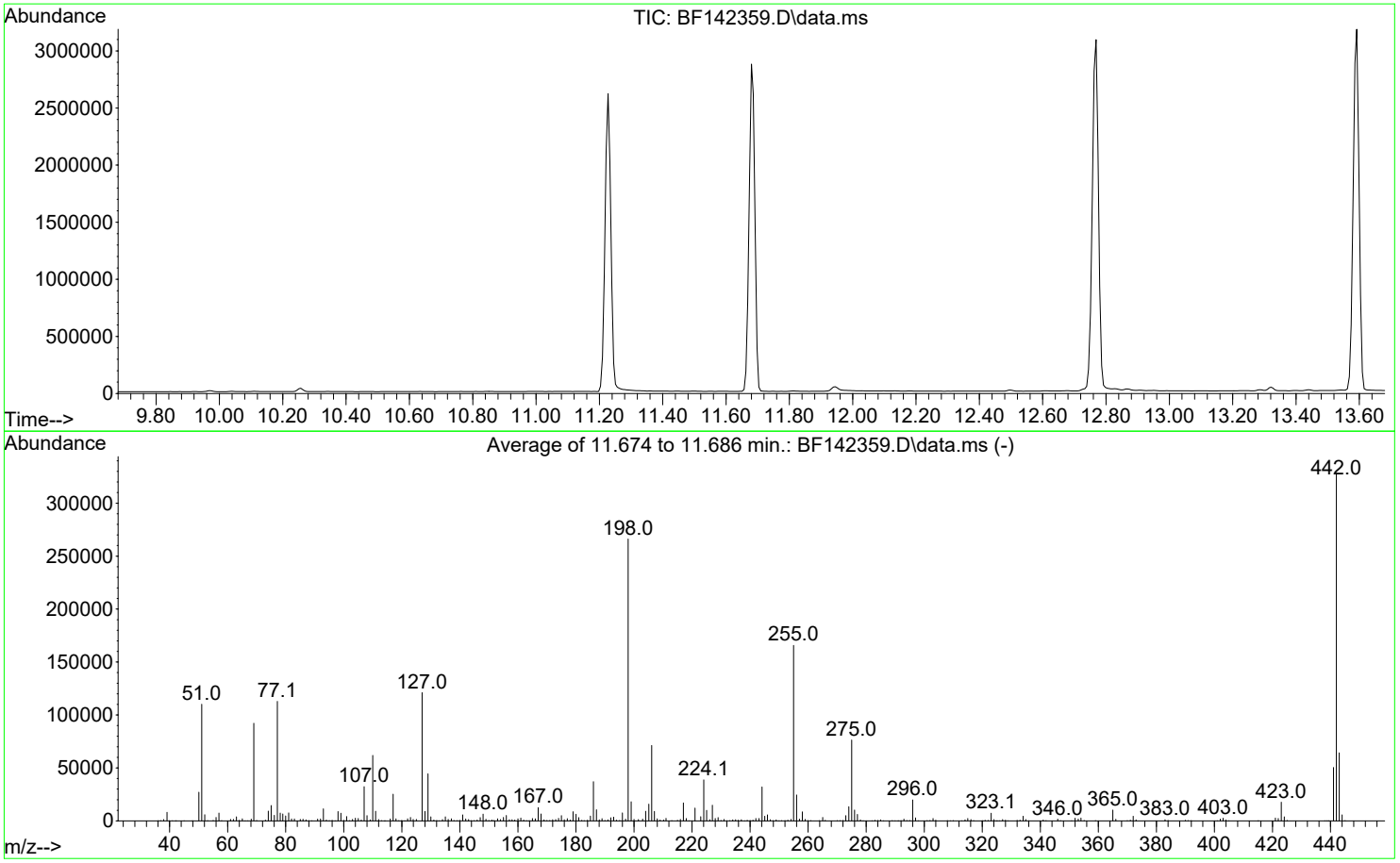
Sample Results: **BF142359.D**

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

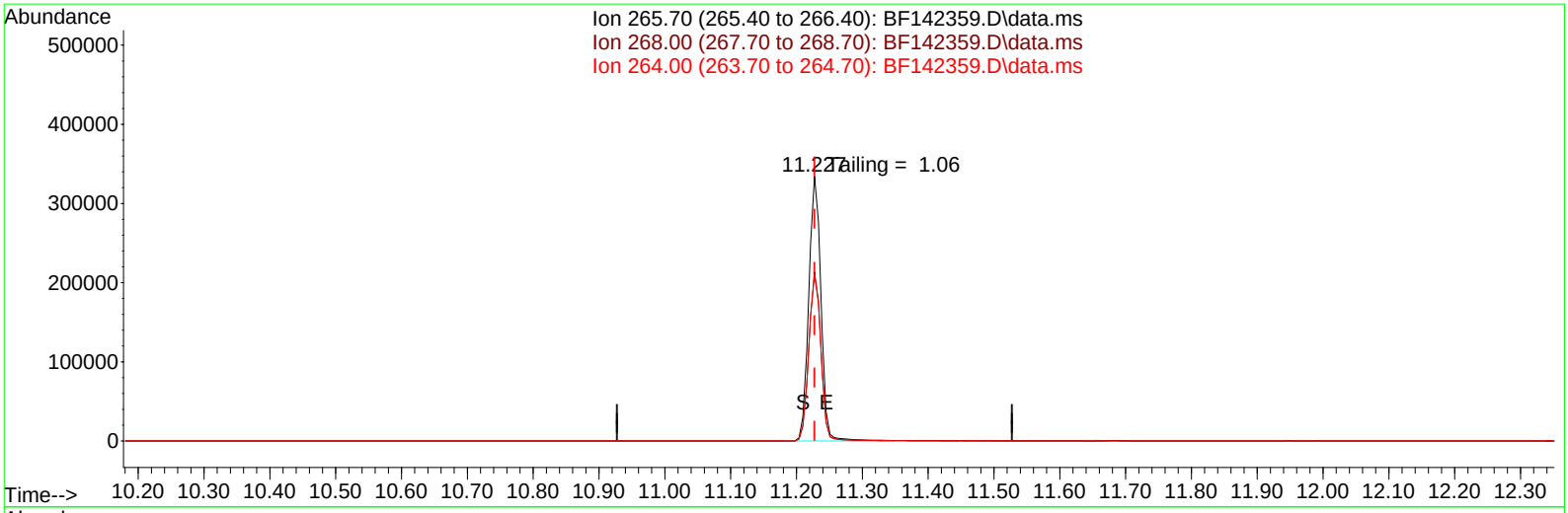
Instrument :
BNA_F
ClientSampleId :
DFTPP

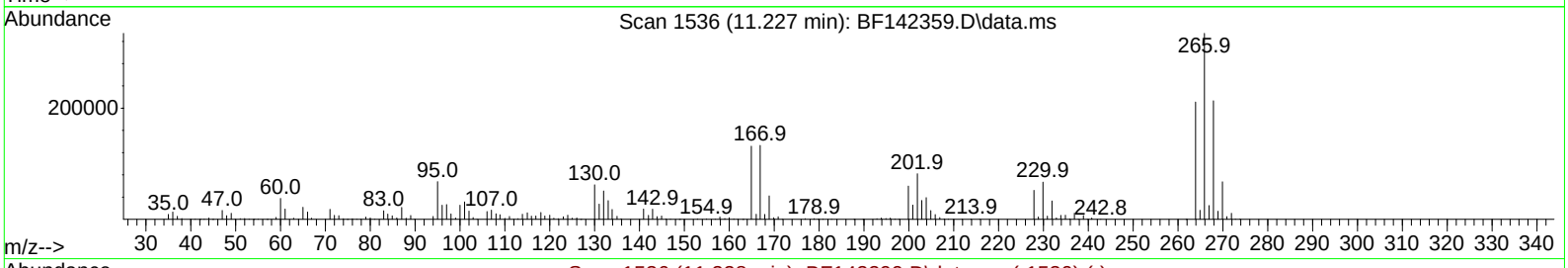
Sample Results: **BF142359.D**

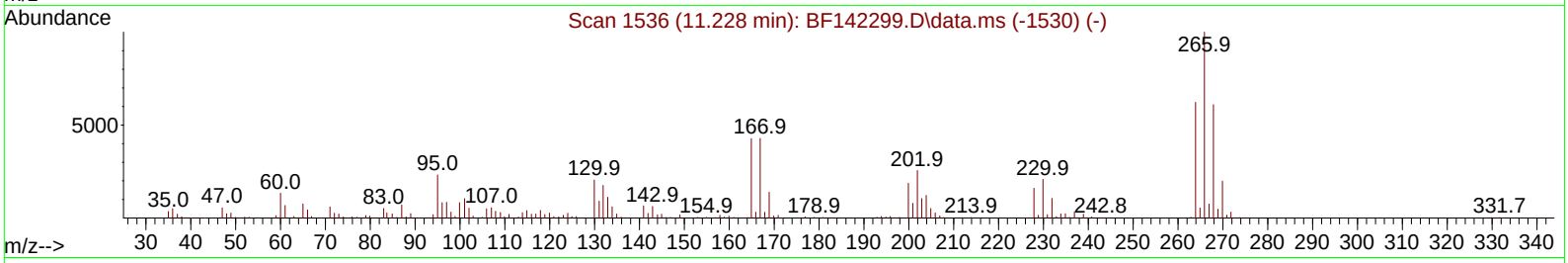
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142359.D
Acq On : 14 May 2025 11:22
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

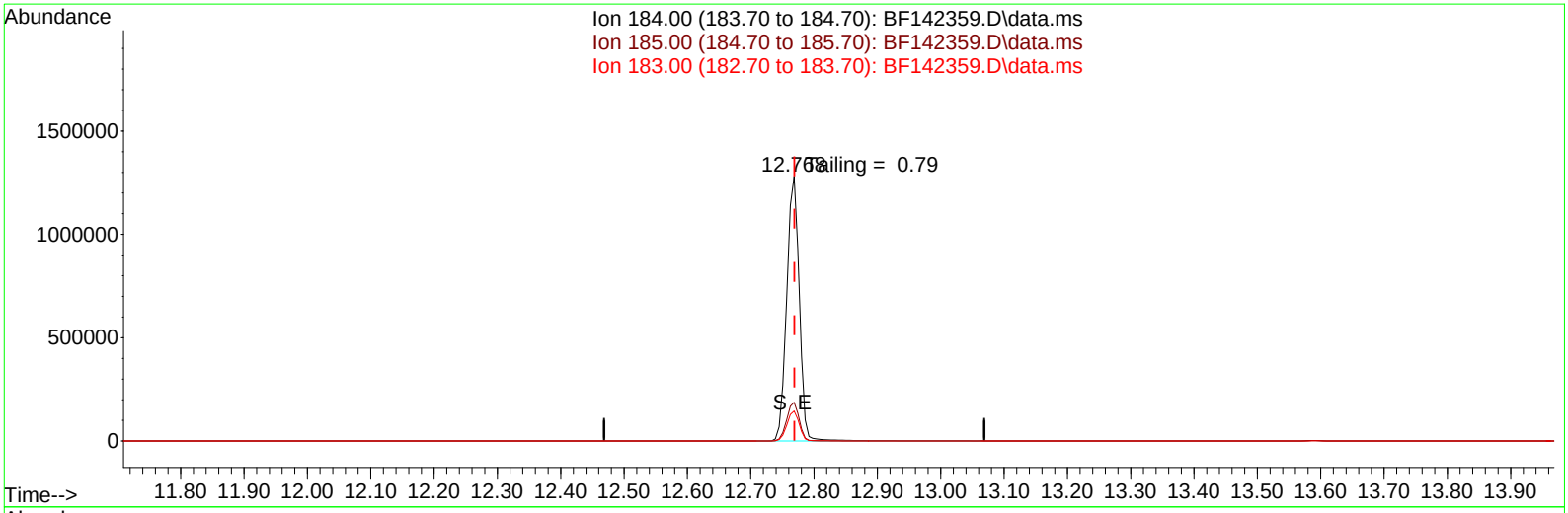
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	60.90	63.74
264.00	62.20	63.05
0.00	0.00	0.00

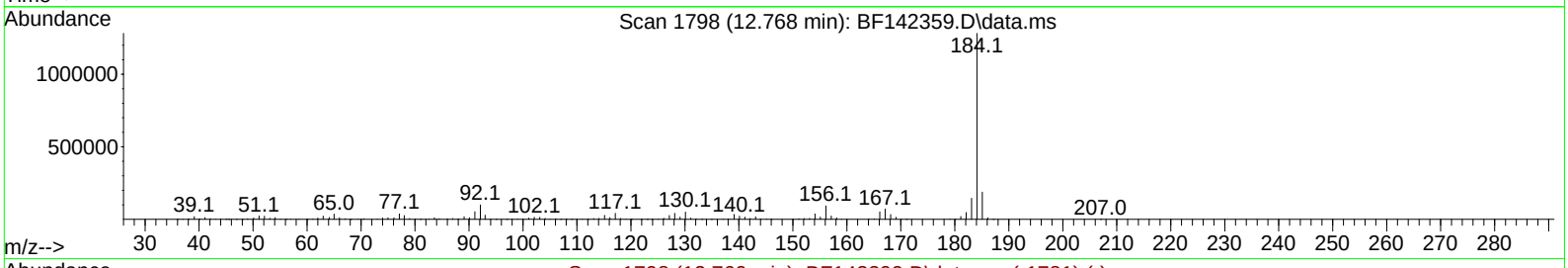
Sample Results: **BF142359.D**

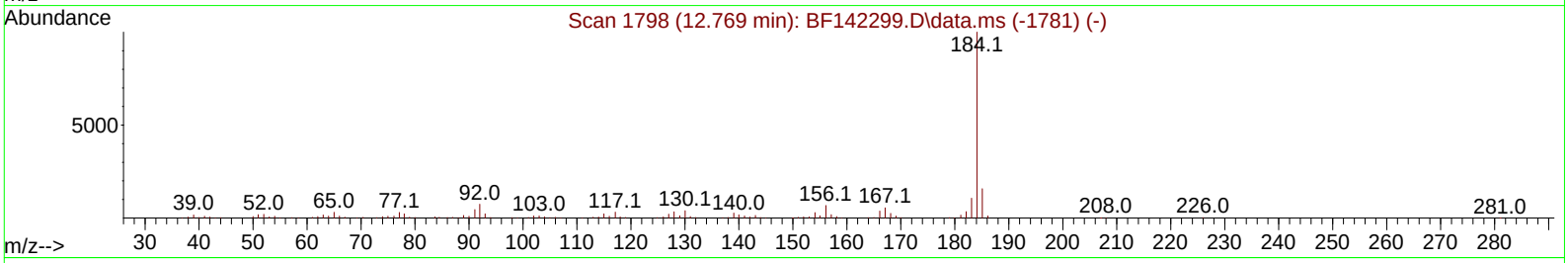
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142359.D
Acq On : 14 May 2025 11:22
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

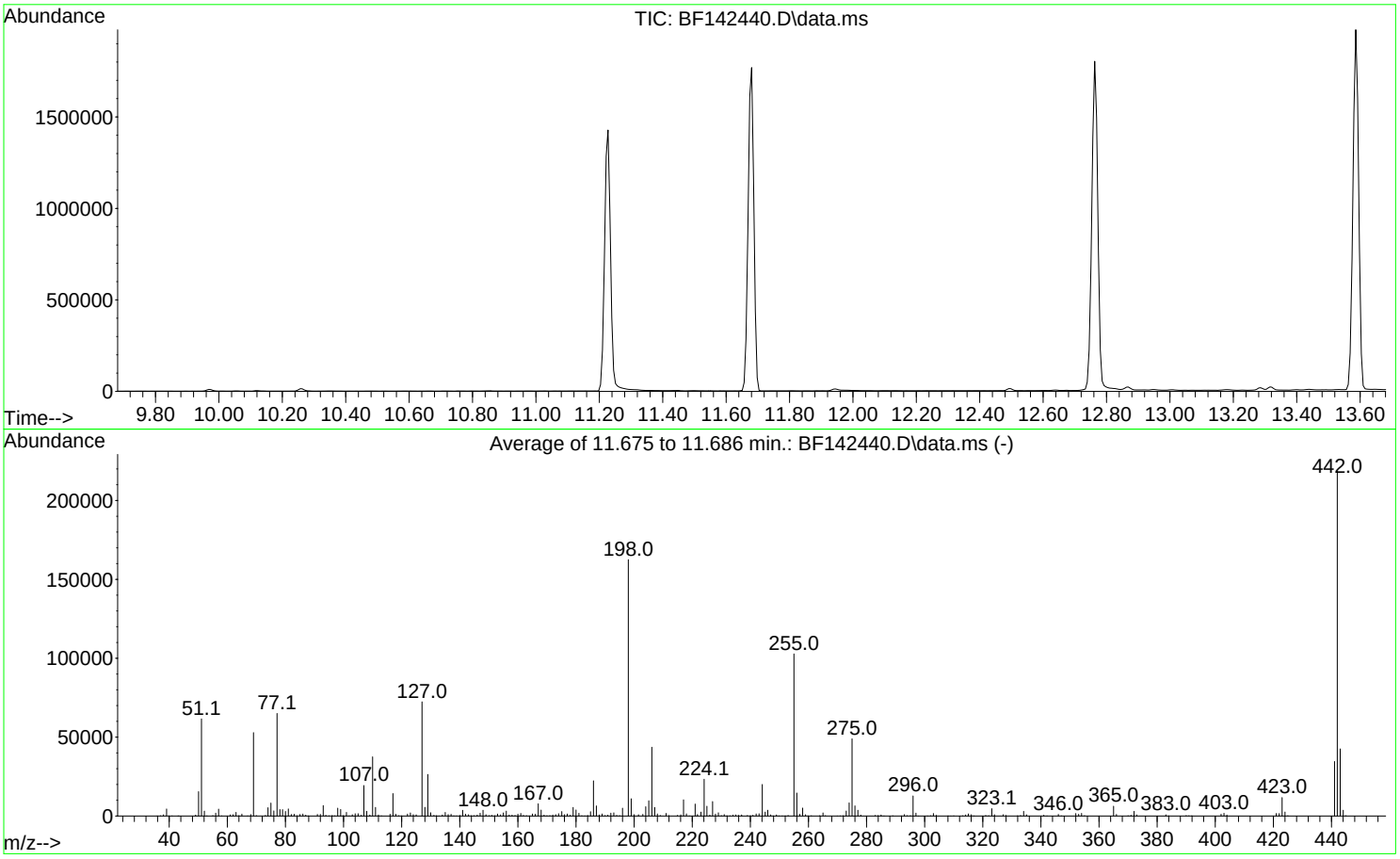
Sample Results: **BF142440.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142440.D
Acq On : 19 May 2025 09:40
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 1605

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	37.9	61579	PASS
68	69	0.00	2	1.8	950	PASS
69	198	0.00	100	32.5	52867	PASS
70	69	0.00	2	0.6	296	PASS
127	198	10	80	44.5	72395	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	162520	PASS
199	198	5	9	6.7	10962	PASS
275	198	10	60	30.1	48963	PASS
365	198	1	100	3.8	6225	PASS
441	198	0.01	100	21.3	34565	PASS
442	442	50	100	100.0	218325	PASS
443	442	15	24	19.5	42557	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/19/2025	BNA_F	BF142440.D
Compound Name	**Response**	**Retention Time**
DDT	508668	13.586
DDD	8513	13.316
DDE	1079	12.951
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
9592	518260	1.85

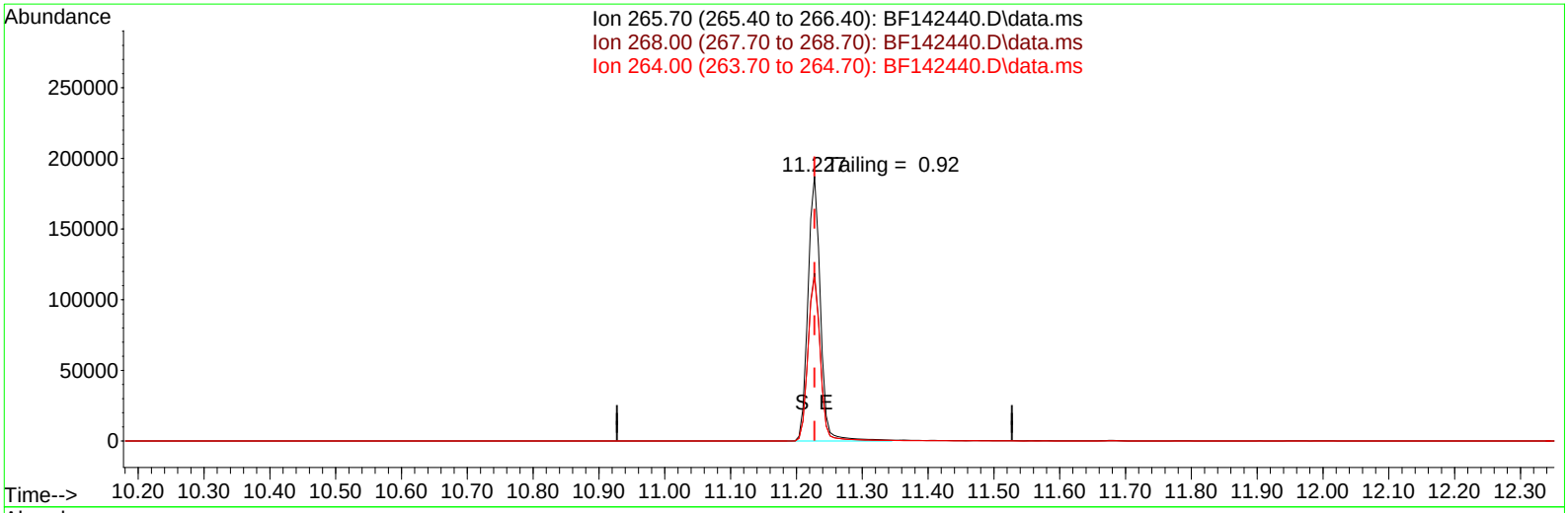
Instrument :
BNA_F
ClientSampleId :
DFTPP

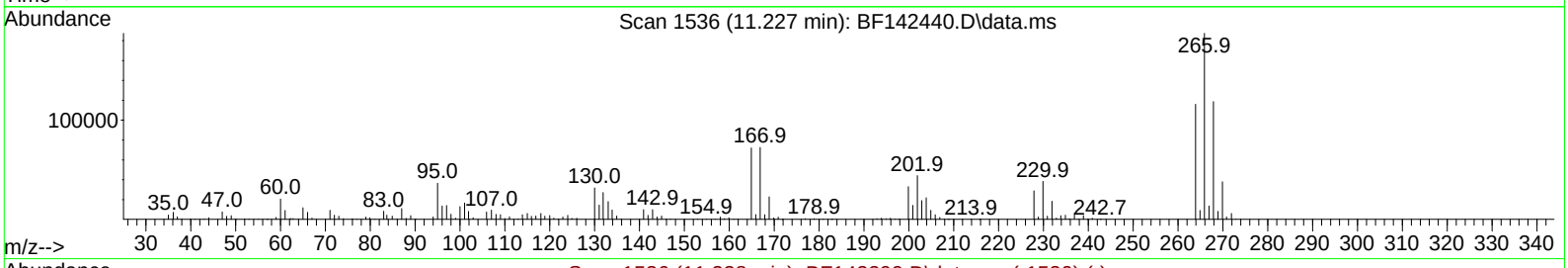
Sample Results: **BF142440.D**

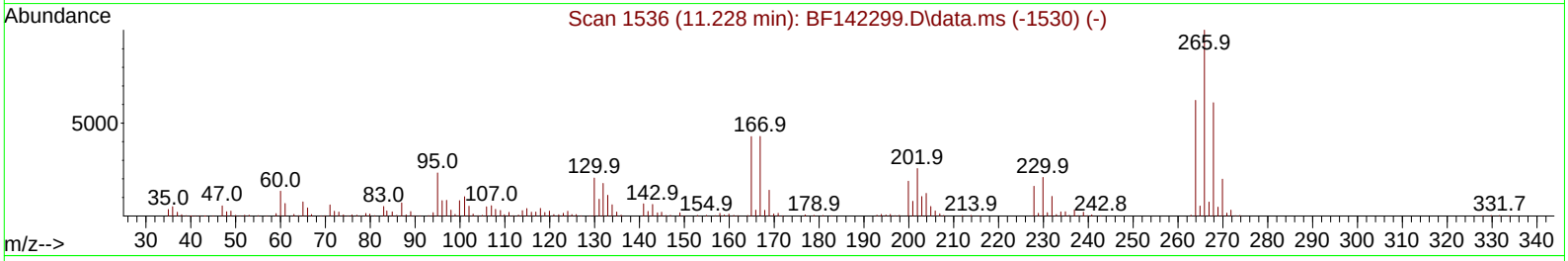
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142440.D
Acq On : 19 May 2025 09:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 19 11:53:17 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: BF142440.D\data.ms

(70) Pentachlorophenol (C)

11.227min (-0.000) 66651.09 ng

response 247406

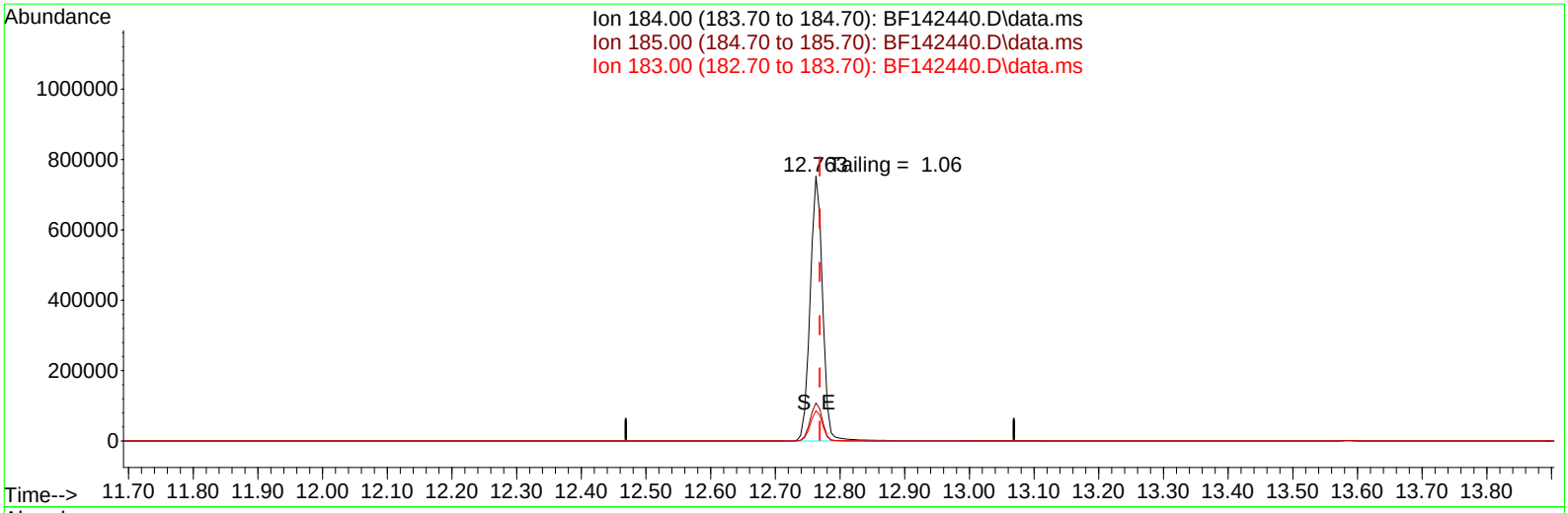
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	60.90	63.35
264.00	62.20	61.92
0.00	0.00	0.00

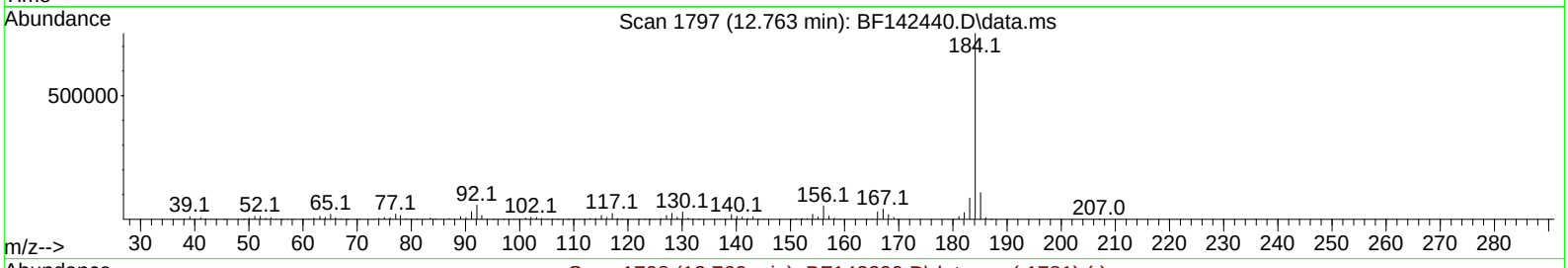
Sample Results: **BF142440.D**

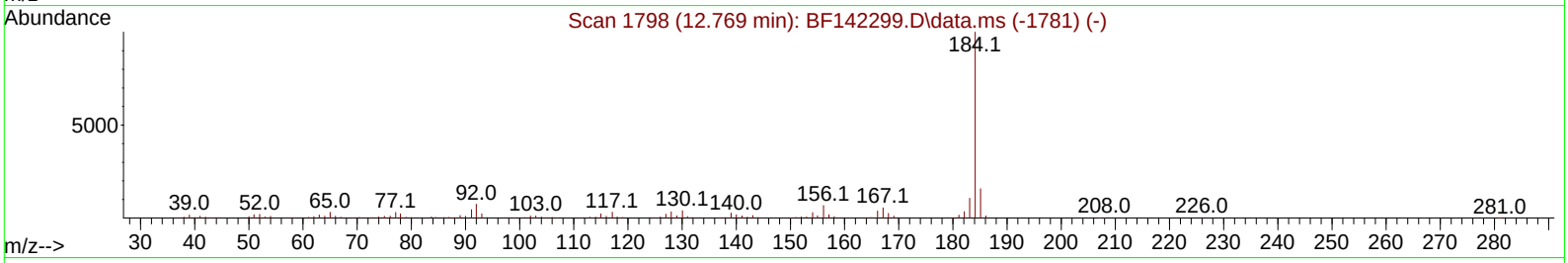
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142440.D
Acq On : 19 May 2025 09:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 19 11:53:17 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: BF142440.D\data.ms

(77) Benzidine

12.763min (-0.006) 146948.14 ng

response 1009435

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.41
183.00	10.70	11.41
0.00	0.00	0.00

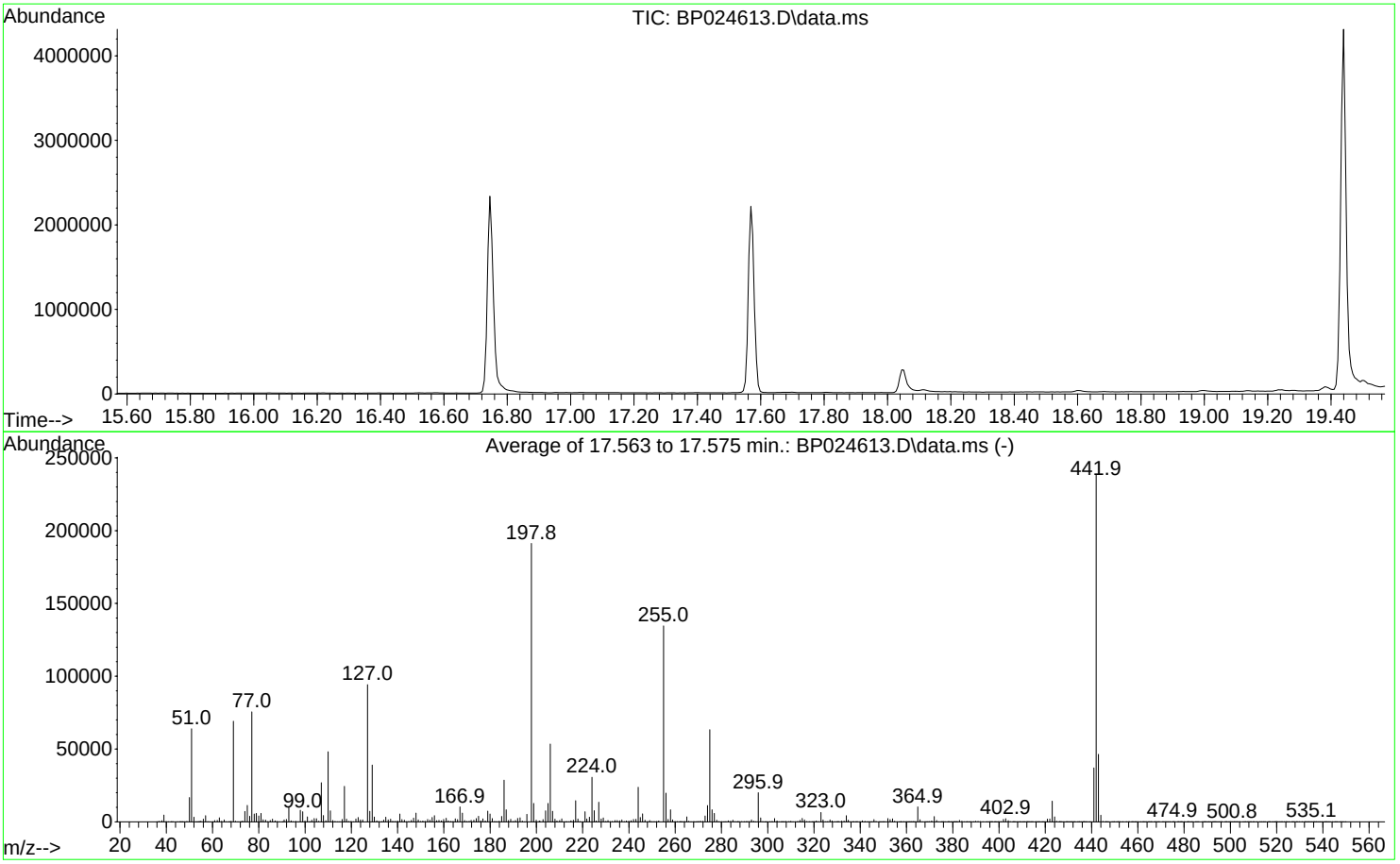
Sample Results: **BP024613.D**

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

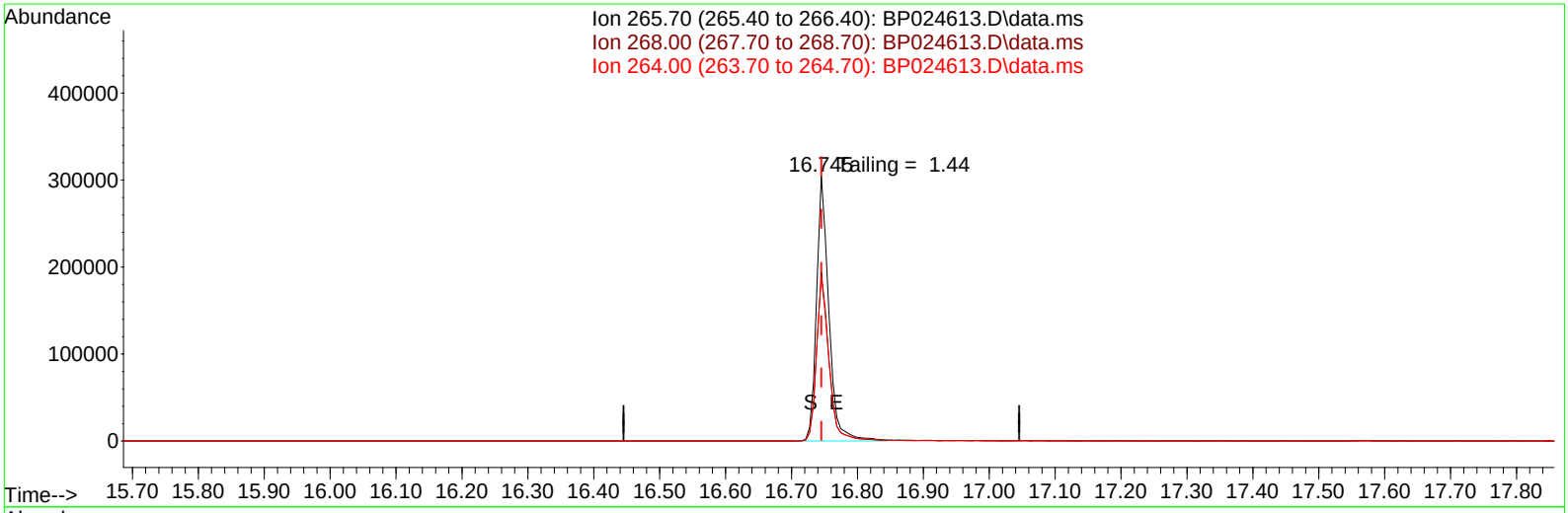
Instrument :
BNA_P
ClientSampleId :
DFTPP

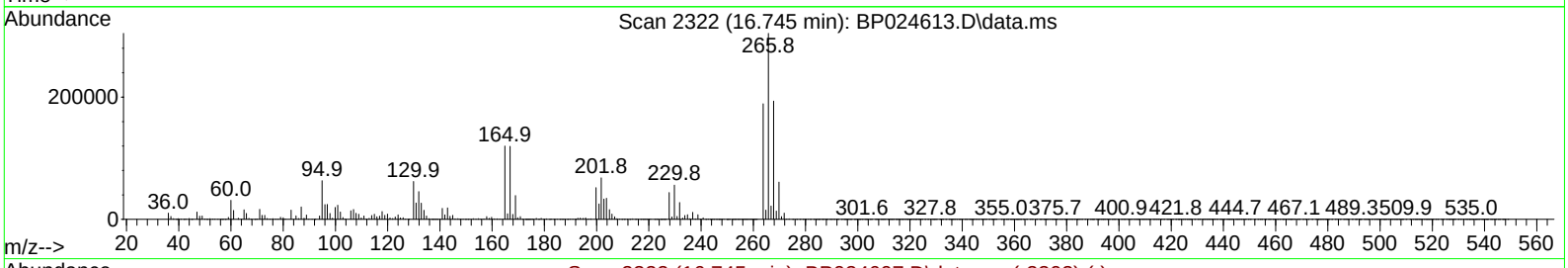
Sample Results: **BP024613.D**

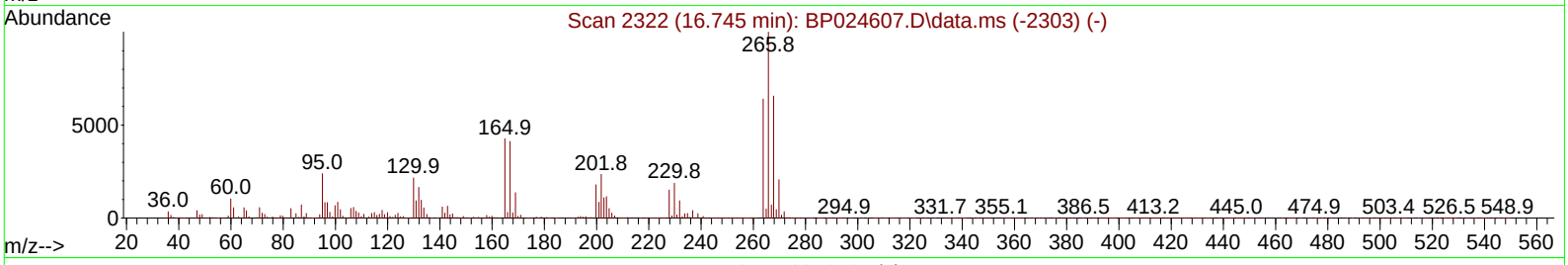
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024613.D
Acq On : 13 May 2025 10:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

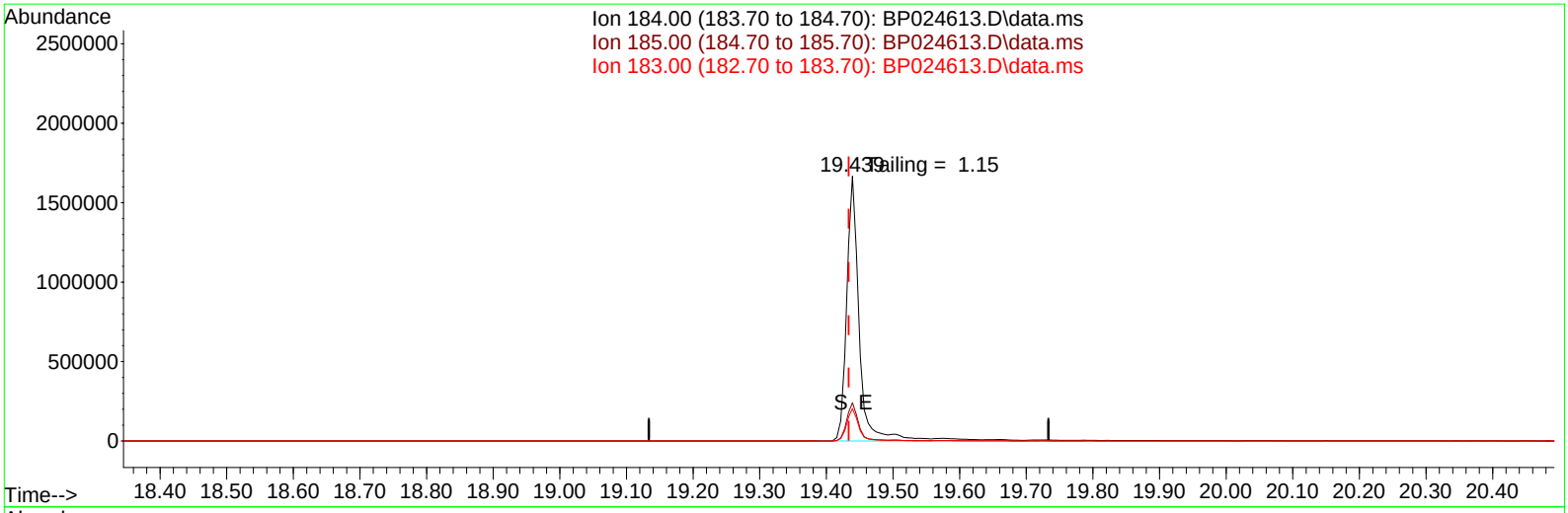
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.60	63.59
264.00	64.00	62.12
0.00	0.00	0.00

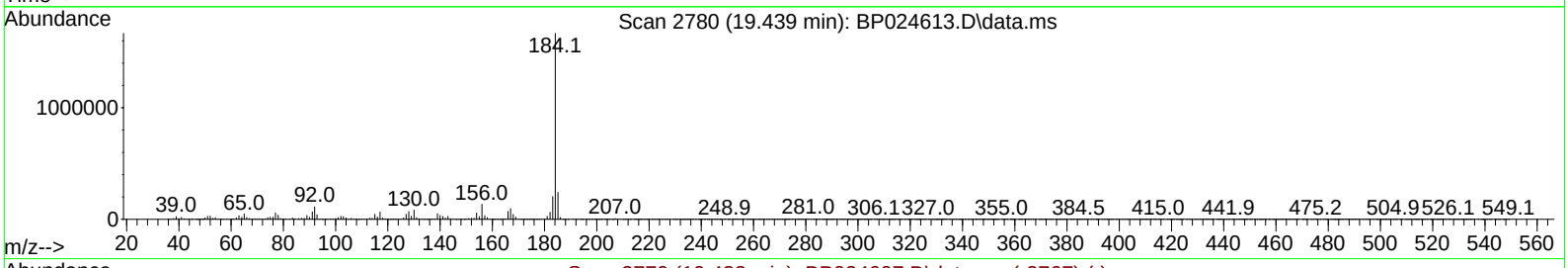
Sample Results: **BP024613.D**

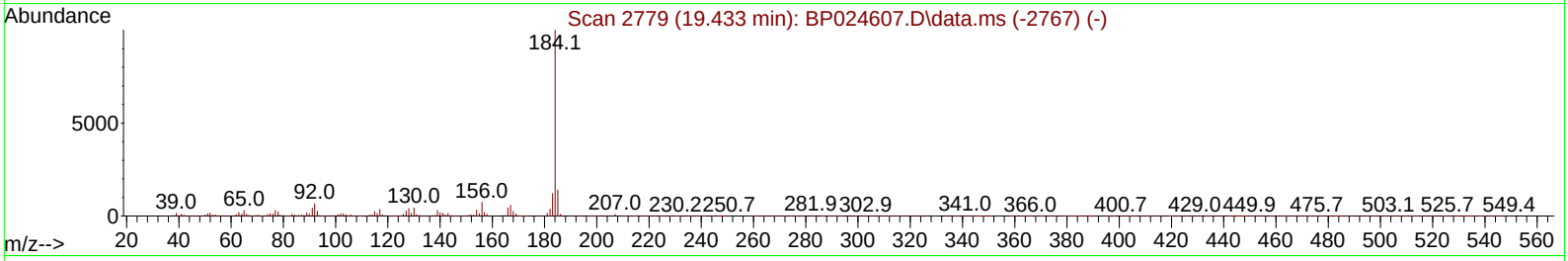
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024613.D
Acq On : 13 May 2025 10:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

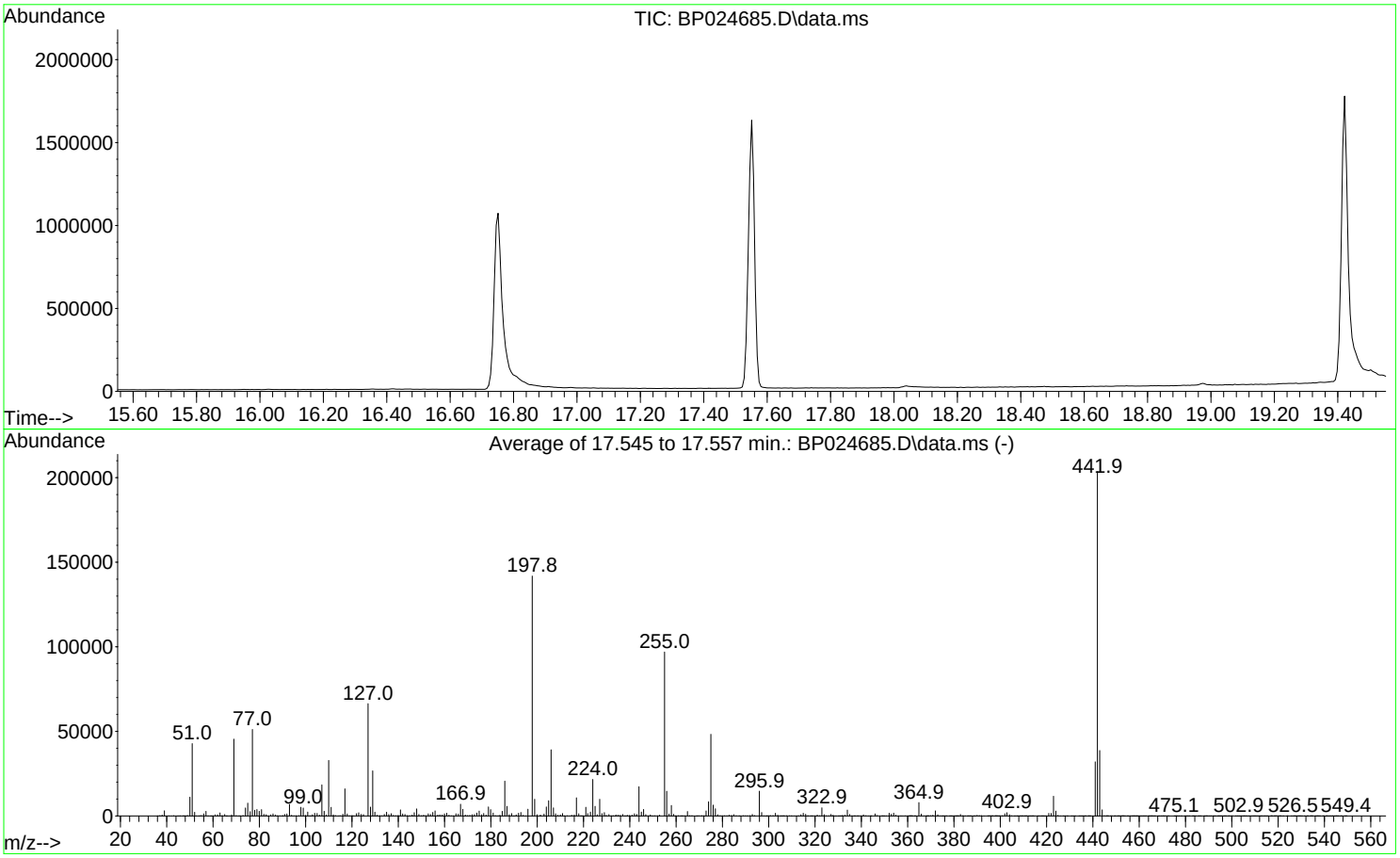
Sample Results: **BP024685.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024685.D
Acq On : 19 May 2025 11:26
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 2458, 2459, 2460; Background Corrected with Scan 2448

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	30.2	42781	PASS
68	69	0.00	2	1.3	608	PASS
69	198	0.00	100	32.0	45436	PASS
70	69	0.00	2	0.5	248	PASS
127	198	10	80	46.8	66420	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	141834	PASS
199	198	5	9	7.0	9883	PASS
275	198	10	60	34.1	48297	PASS
365	198	1	100	5.6	7951	PASS
441	198	0.01	100	22.6	32009	PASS
442	442	100	100	100.0	203603	PASS
443	442	15	24	19.0	38702	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/19/2025	BNA_P	BP024685.D
Compound Name	**Response**	**Retention Time**
DDT	528818	20.71
DDD	19377	20.251
DDE	3479	19.721
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
22856	551674	4.14

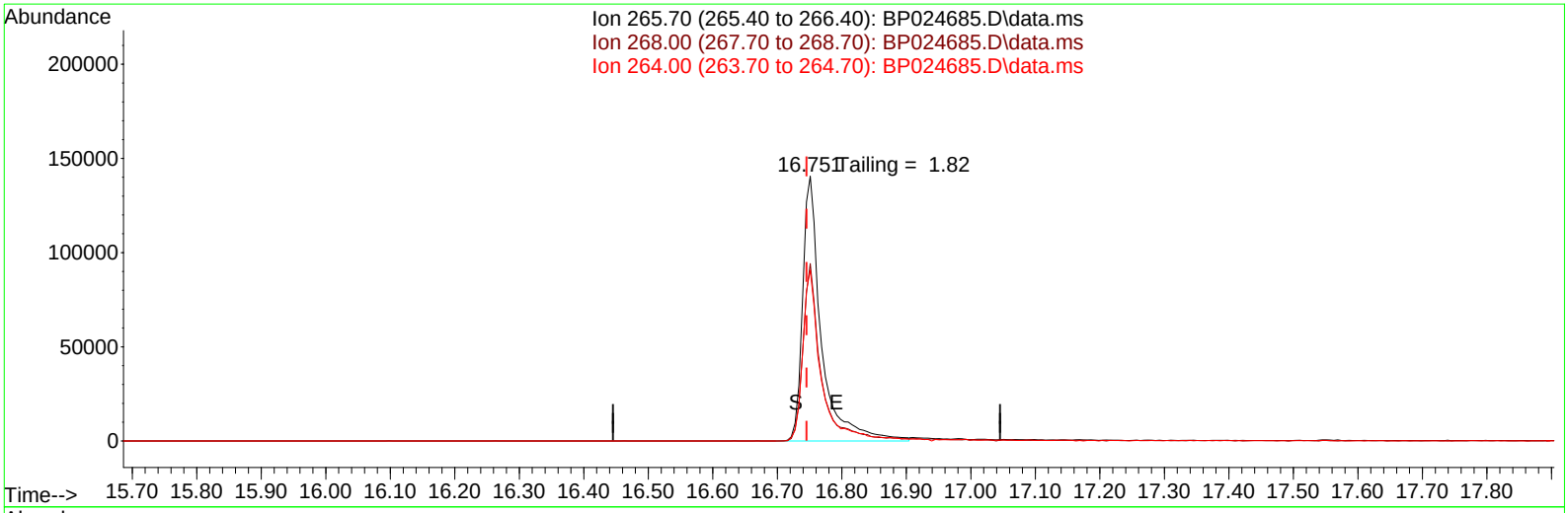
Instrument :
BNA_P
ClientSampleId :
DFTPP

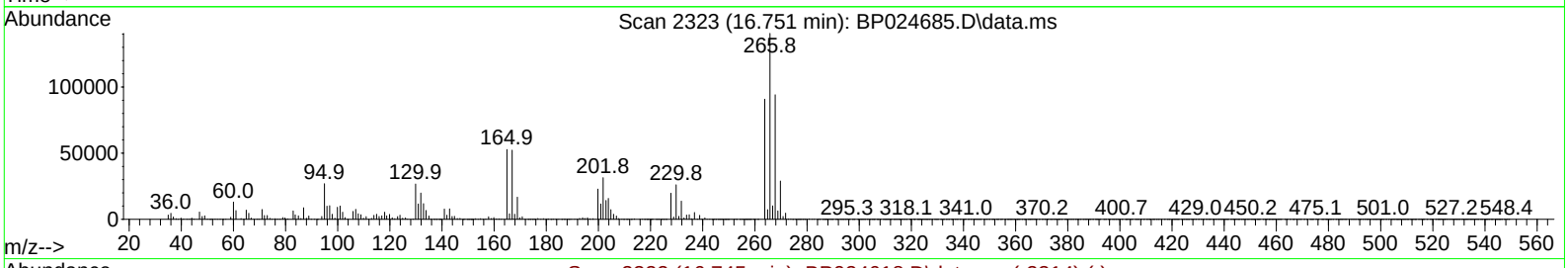
Sample Results: **BP024685.D**

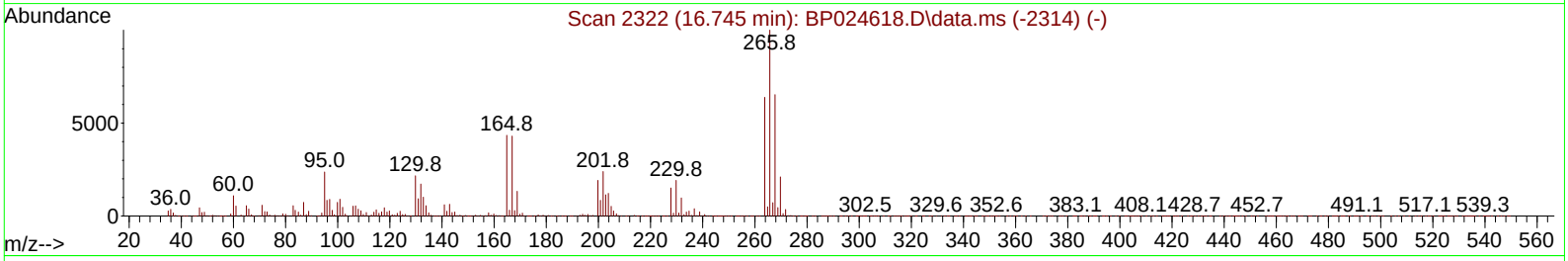
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024685.D
Acq On : 19 May 2025 11:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 19 14:36:59 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: BP024685.D\data.ms

(70) Pentachlorophenol (C)

16.751min (+ 0.006) 677862.06 ng

response 284874

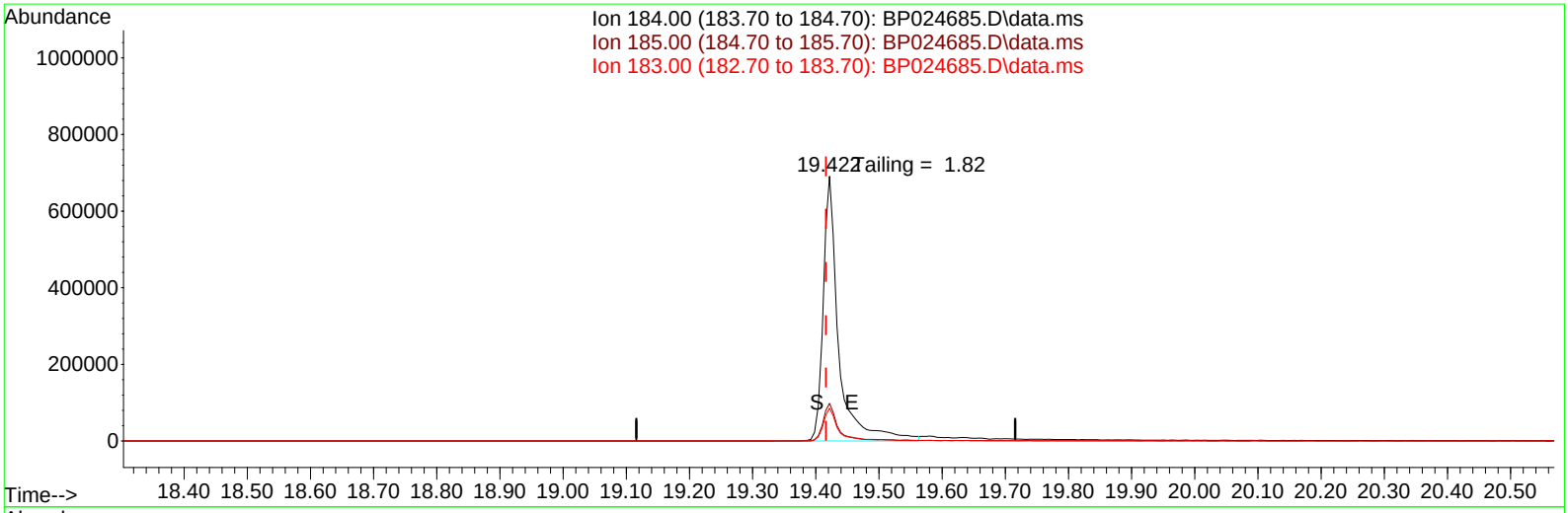
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.30	67.02
264.00	63.90	64.61
0.00	0.00	0.00

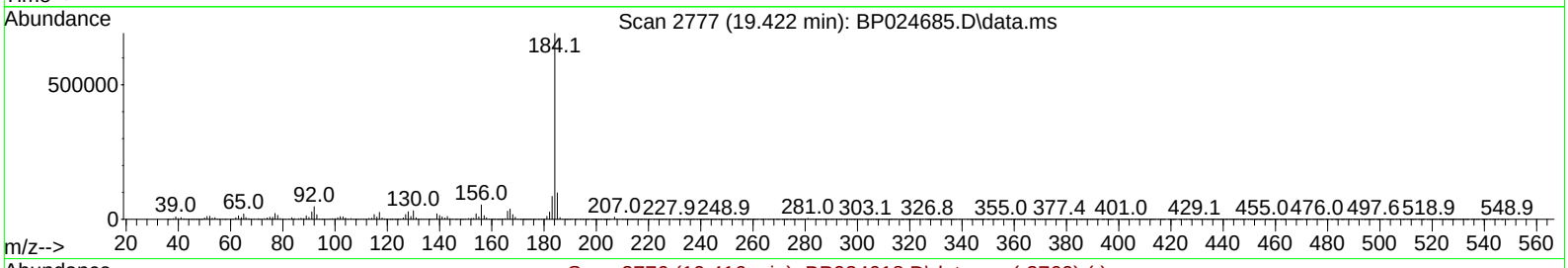
Sample Results: **BP024685.D**

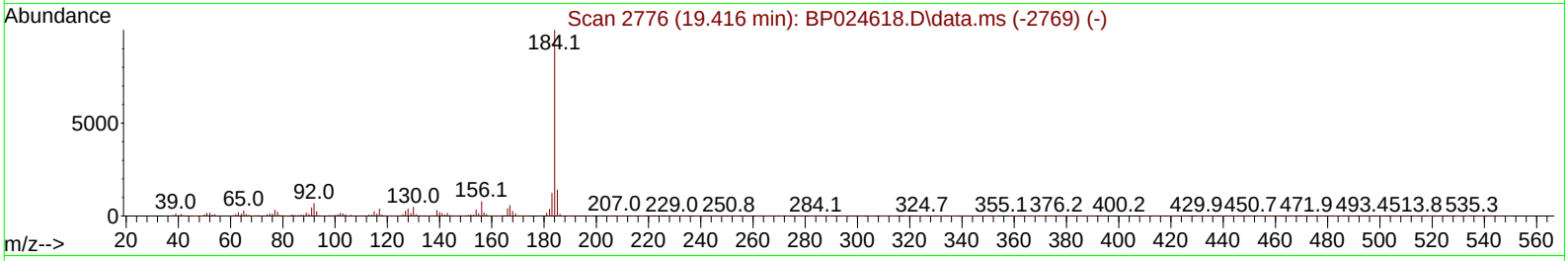
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024685.D
Acq On : 19 May 2025 11:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 19 14:36:59 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: BP024685.D\data.ms

(77) Benzidine

19.422min (+ 0.006) 78779.38 ng

response 1186534

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.00	14.18
183.00	12.30	12.34
0.00	0.00	0.00

Raw Data: **BF142444.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167987BL	SDG No.:	Q2001
Lab Sample ID:	PB167987BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142444.D	1	05/13/25 11:16	05/19/25 11:36	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	131		15 (10) - 110 (139)	87%	SPK: 150
13127-88-3	Phenol-d6	118		15 (10) - 110 (134)	79%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.0		30 (49) - 130 (133)	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.3		30 (52) - 130 (132)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		15 (44) - 110 (137)	100%	SPK: 150
1718-51-0	Terphenyl-d14	74.3		30 (48) - 130 (125)	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	144000	6.898			
1146-65-2	Naphthalene-d8	588000	8.181			
15067-26-2	Acenaphthene-d10	302000	9.939			
1517-22-2	Phenanthrene-d10	558000	11.428			
1719-03-5	Chrysene-d12	361000	14.063			
1520-96-3	Perylene-d12	292000	15.557			

Raw Data: **BF142444.D**

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

Report of Analysis

Client:	ENTACT			Date Collected:			
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:			
Client Sample ID:	PB167987BL			SDG No.:	Q2001		
Lab Sample ID:	PB167987BL			Matrix:	TCLP		
Analytical Method:	8270E			% Solid:	0		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000		uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA		
Extraction Type :			Decanted : N	Level :	LOW		
Injection Volume :			GPC Factor : 1.0	GPC Cleanup :	N	PH :	
Prep Method :	SW3510C						

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142444.D	1	05/13/25 11:16	05/19/25 11:36	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142444.D
Acq On : 19 May 2025 11:36
Operator : RC/JU
Sample : PB167987BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167987BL

Quant Time: May 19 11:58:23 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	144027	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	587978	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	302454	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	558171	20.000	ng	0.00
76) Chrysene-d12	14.063	240	360634	20.000	ng	0.00
86) Perylene-d12	15.557	264	291777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1105033	130.974	ng	0.02
7) Phenol-d6	6.522	99	1223807	117.935	ng	0.00
23) Nitrobenzene-d5	7.463	82	819894	85.042	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	438373	150.121	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1617605	76.260	ng	0.00
79) Terphenyl-d14	13.016	244	1809693	74.273	ng	0.00
Target Compounds						Qvalue

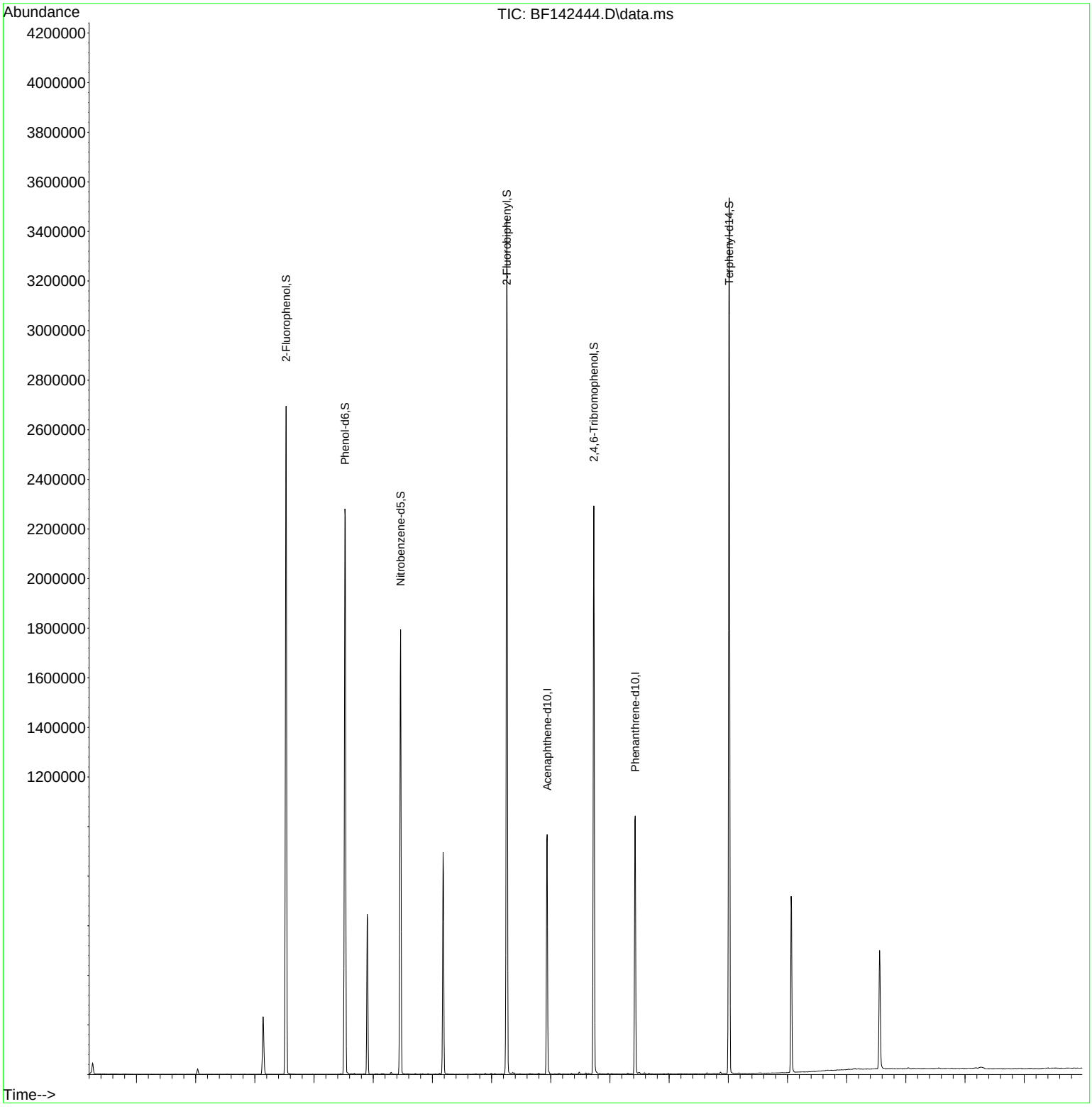
(#) = qualifier out of range (m) = manual integration (+) = signals summed

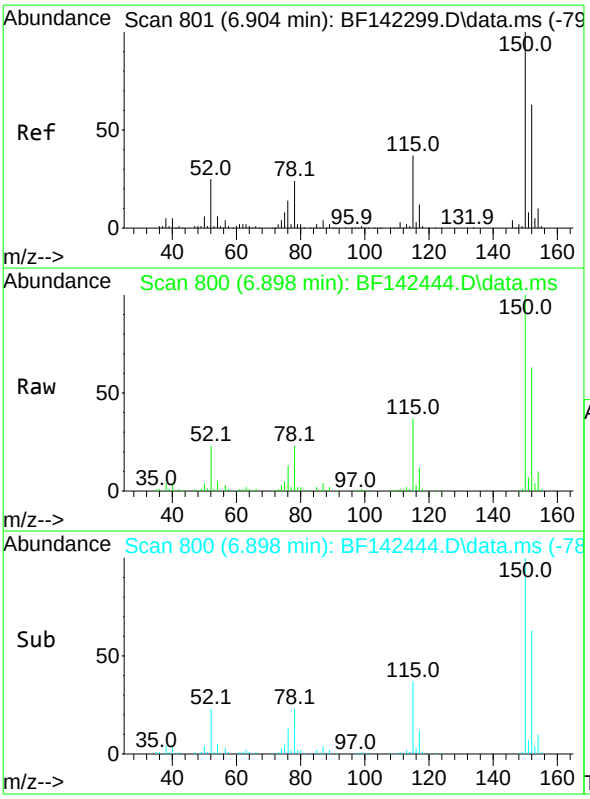
Sample Results: **BF142444.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142444.D
Acq On : 19 May 2025 11:36
Operator : RC/JU
Sample : PB167987BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167987BL

Quant Time: May 19 11:58:23 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



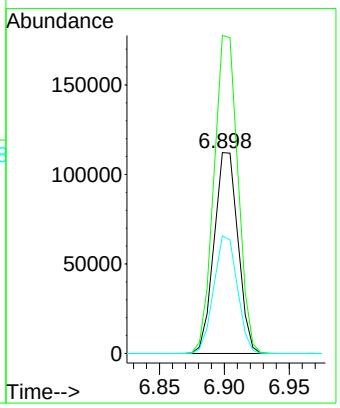


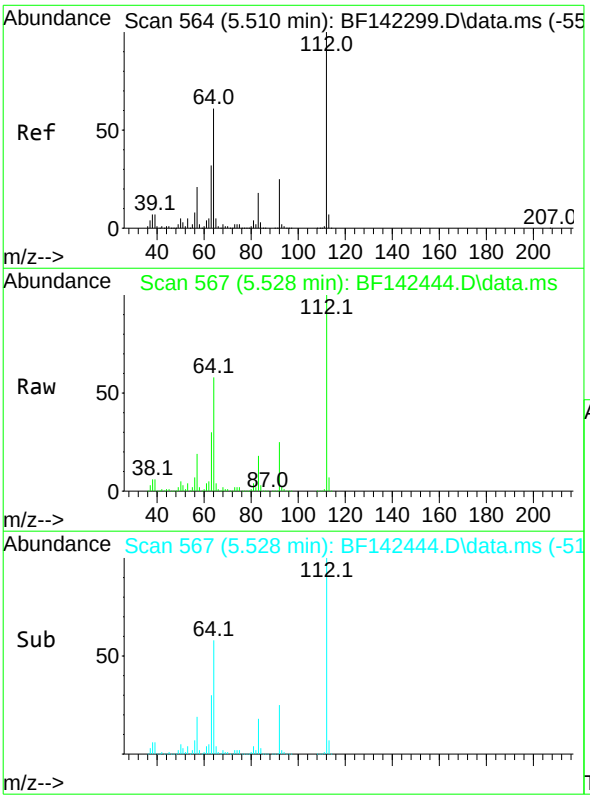
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Instrument :
BNA_F
ClientSampleId :
PB167987BL

Tgt Ion:152 Resp: 144027

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.6	190.0
115	58.6	47.3	70.9

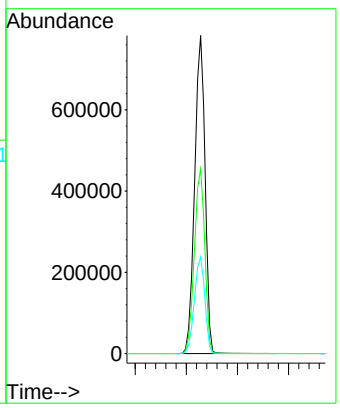


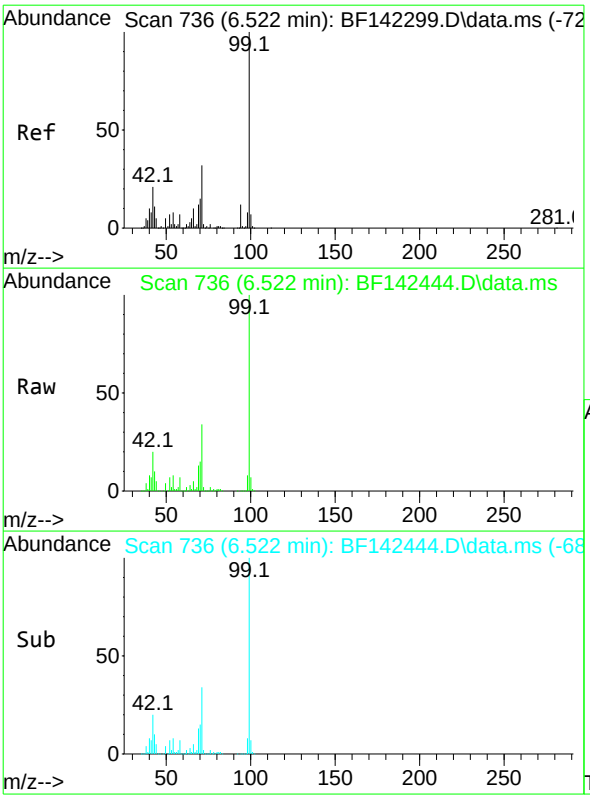


#5
2-Fluorophenol
Concen: 130.974 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Tgt Ion:112 Resp: 1105033

Ion	Ratio	Lower	Upper
112	100		
64	58.0	48.9	73.3
63	30.4	25.6	38.4



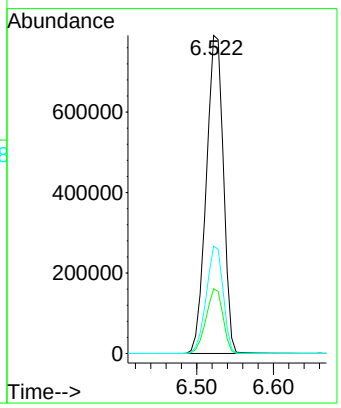


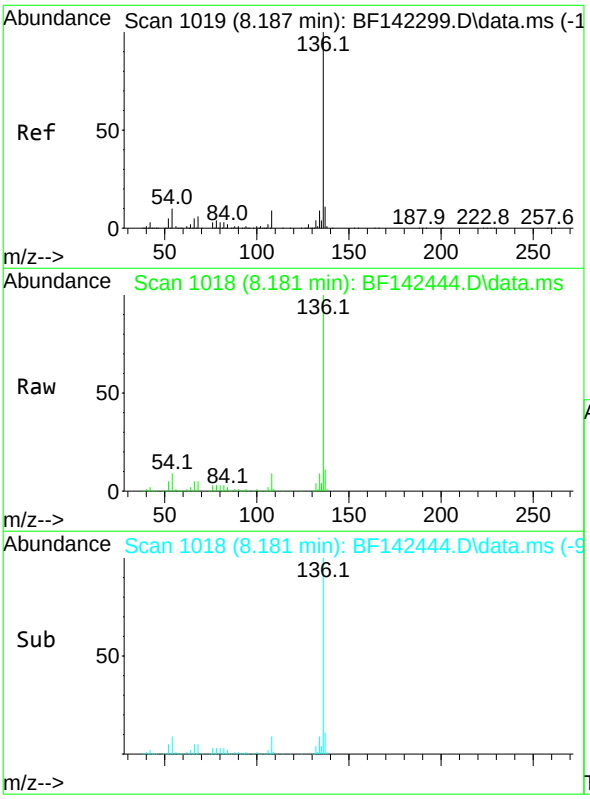
#7
Phenol-d6
Concen: 117.935 ng
RT: 6.522 min Scan# 73
Delta R.T. 0.000 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Instrument :
BNA_F
ClientSampleId :
PB167987BL

Tgt Ion: 99 Resp: 1223807

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.0	25.4
71	33.8	25.8	38.8

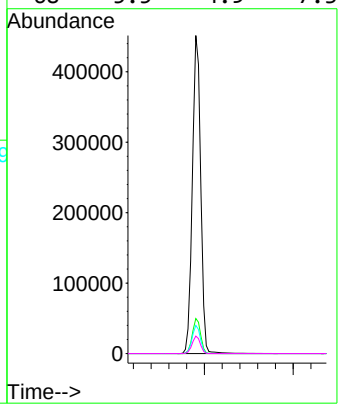


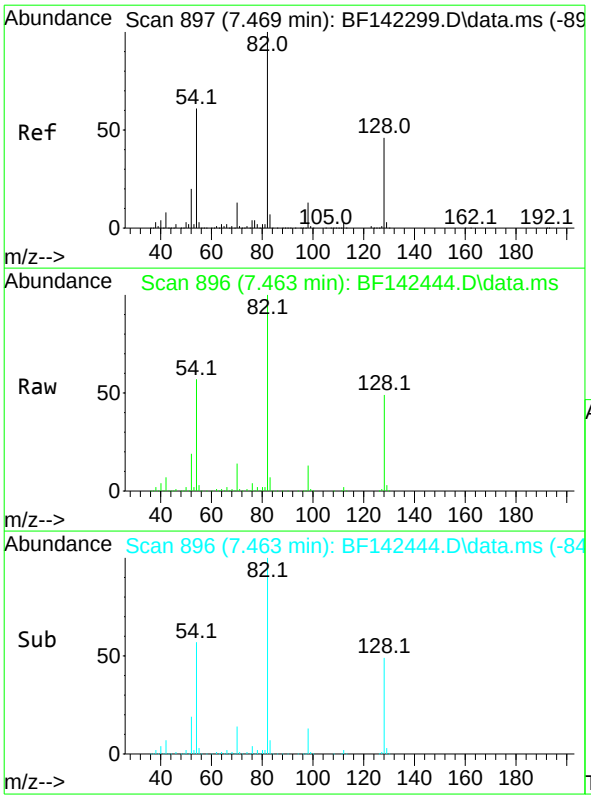


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Tgt Ion:136 Resp: 587978

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.9	7.7	11.5
68	5.5	4.9	7.3



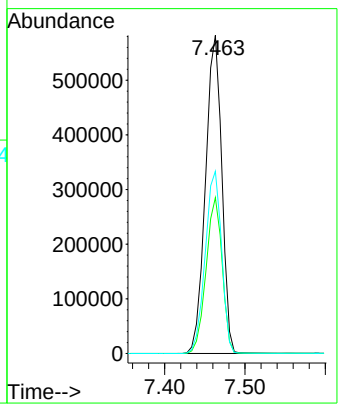


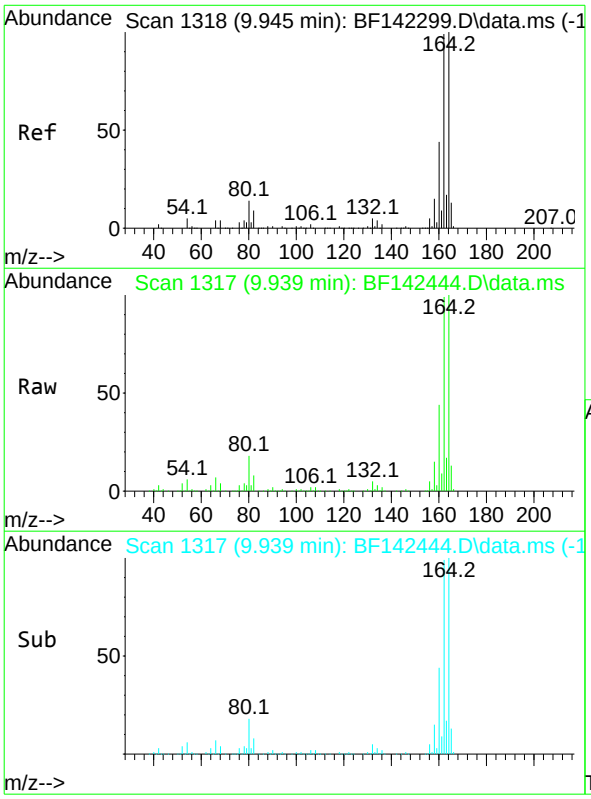
#23
Nitrobenzene-d5
Concen: 85.042 ng
RT: 7.463 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Instrument :
BNA_F
ClientSampleId :
PB167987BL

Tgt Ion: 82 Resp: 819894

Ion	Ratio	Lower	Upper
82	100		
128	49.0	37.0	55.6
54	57.3	48.6	73.0

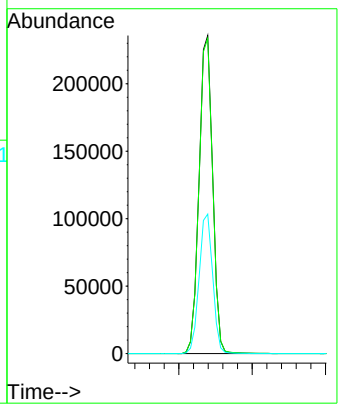


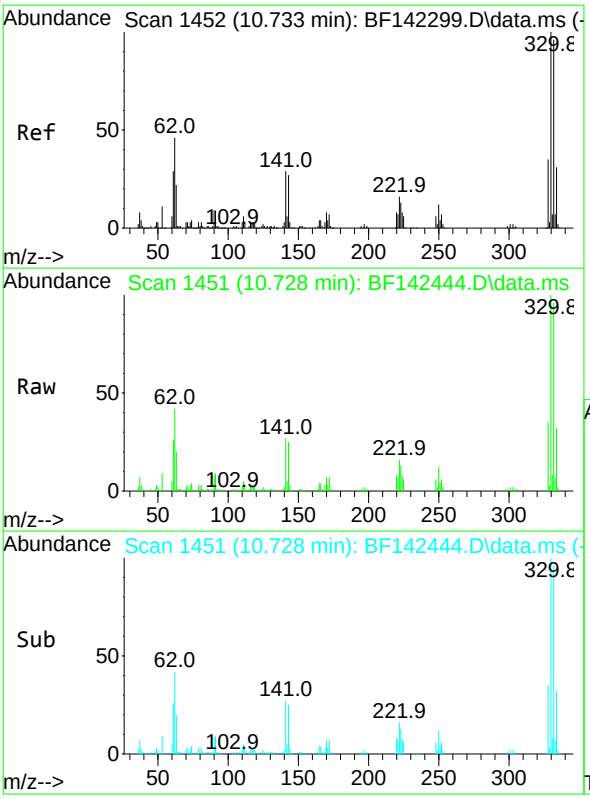


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Tgt Ion:164 Resp: 302454

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.2	118.8
160	43.9	35.3	52.9



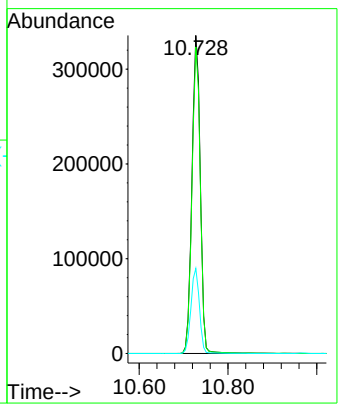


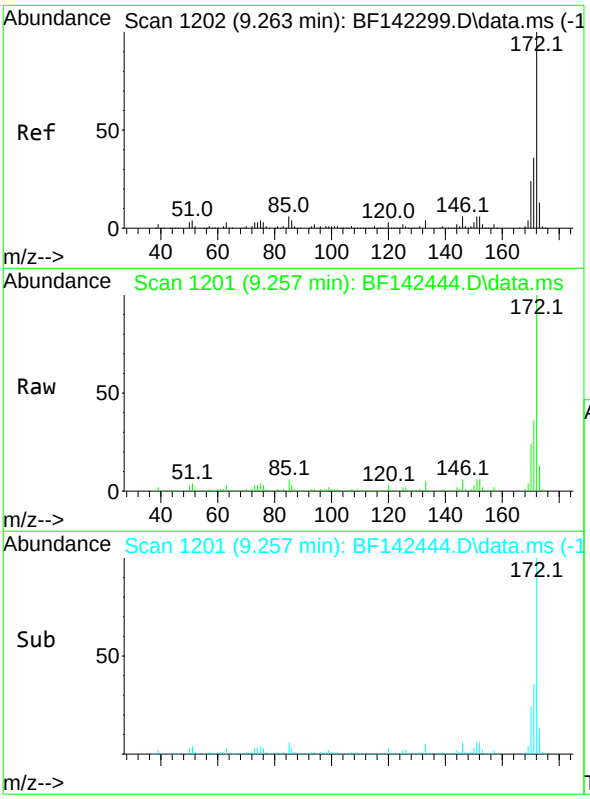
#42
2,4,6-Tribromophenol
Concen: 150.121 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Instrument :
BNA_F
ClientSampleId :
PB167987BL

Tgt Ion:330 Resp: 438373

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	27.1	24.9	37.3

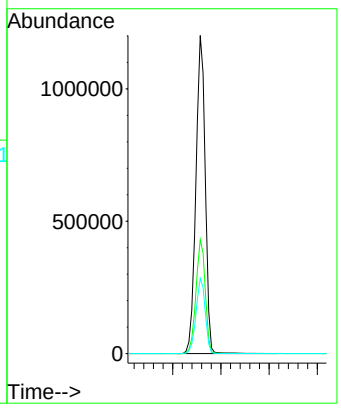


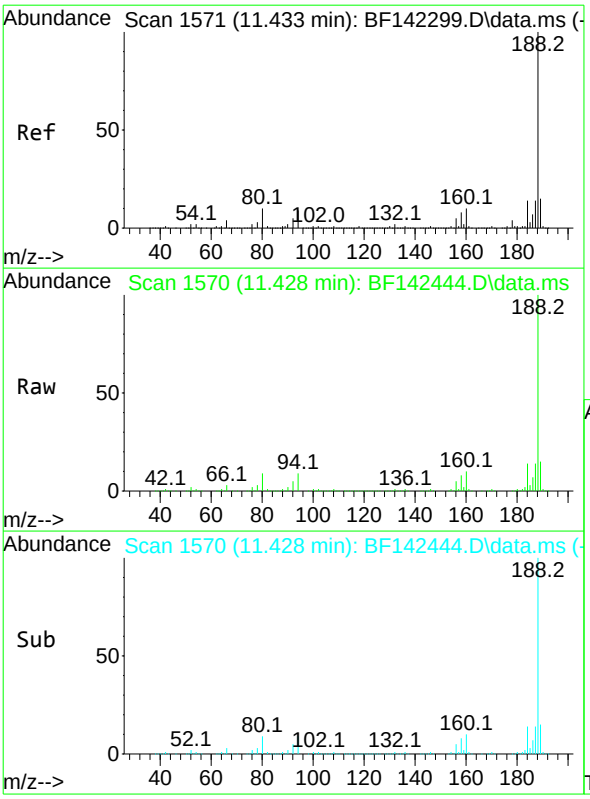


#45
2-Fluorobiphenyl
Concen: 76.260 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Tgt Ion:172 Resp: 1617605

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.6	19.0	28.4



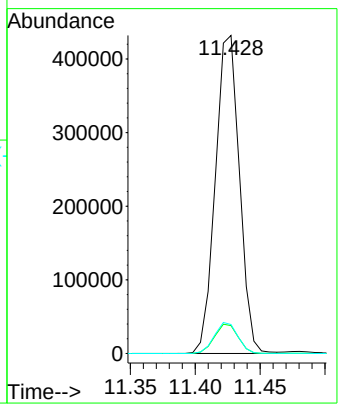


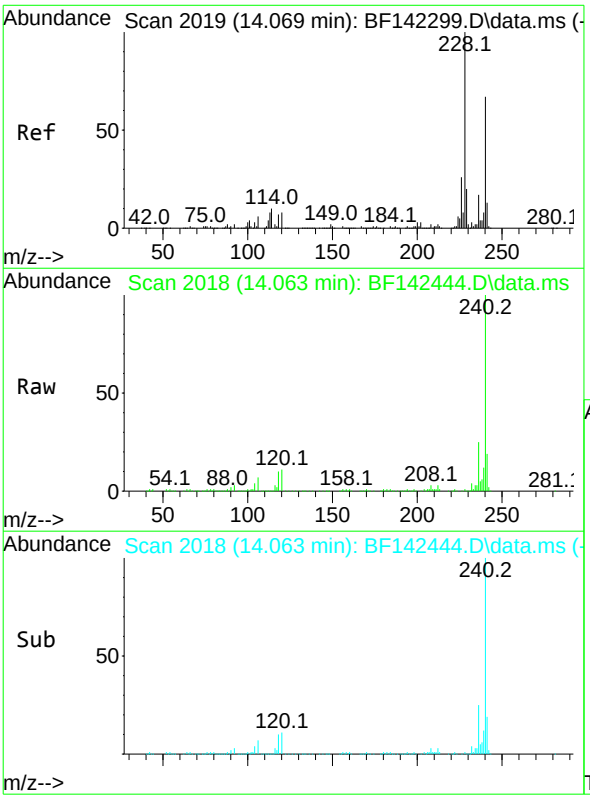
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 15
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Instrument :
BNA_F
ClientSampleId :
PB167987BL

Tgt Ion:188 Resp: 558171

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.5	11.3
80	9.1	7.9	11.9

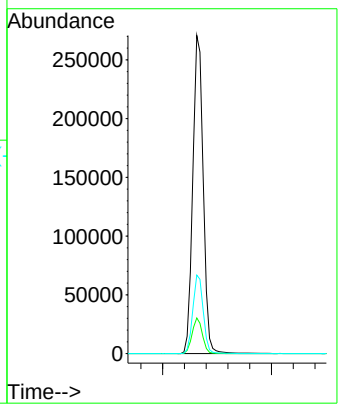


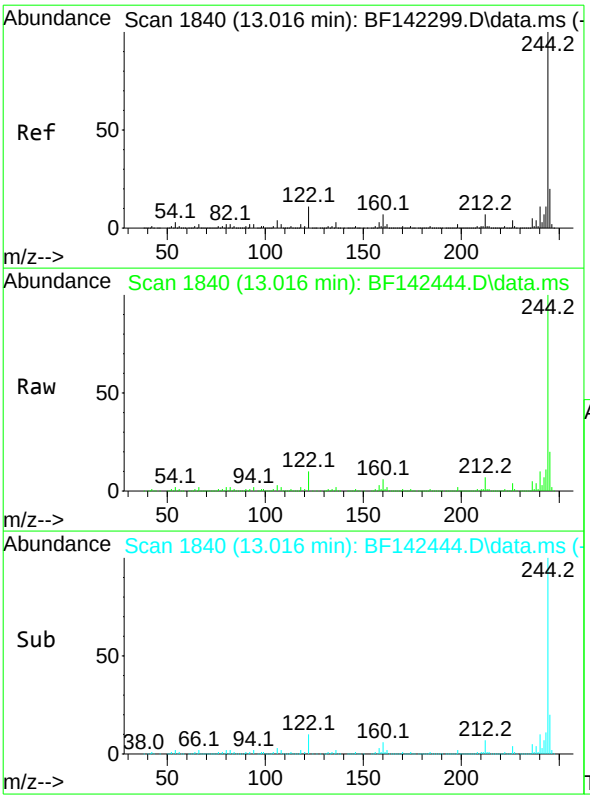


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Tgt Ion:240 Resp: 360634

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



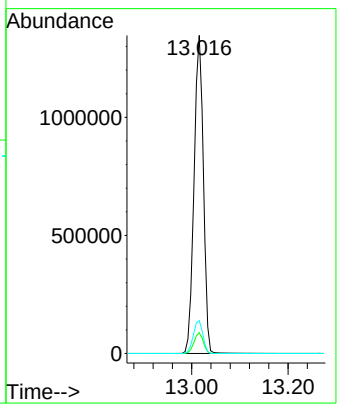


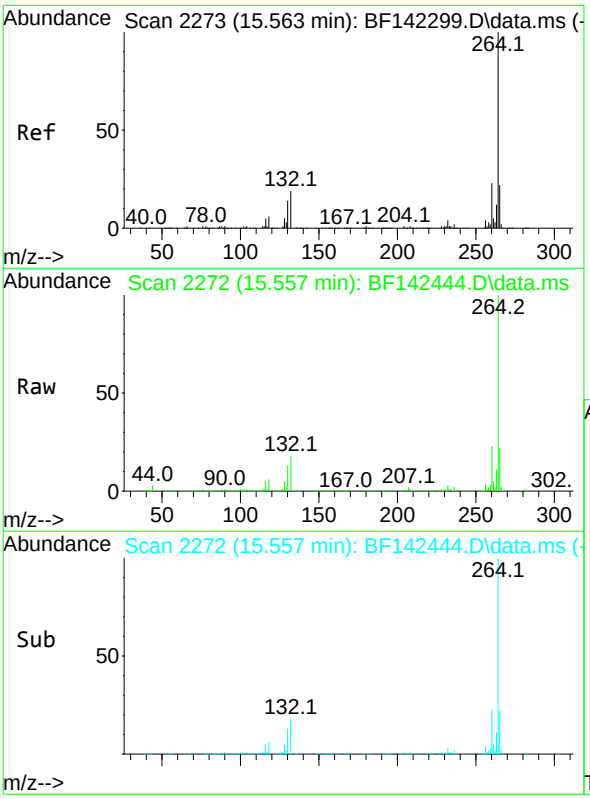
#79
Terphenyl-d14
Concen: 74.273 ng
RT: 13.016 min Scan# 18
Delta R.T. 0.000 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Instrument :
BNA_F
ClientSampleId :
PB167987BL

Tgt Ion:244 Resp: 1809693

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	10.3	9.0	13.4

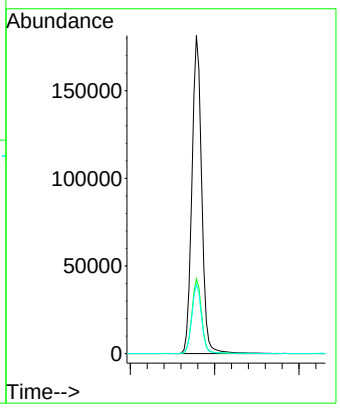




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Tgt Ion:264 Resp: 291777

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.8	17.5	26.3



Raw Data: **BF142445.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167987BS	SDG No.:	Q2001
Lab Sample ID:	PB167987BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142445.D	1	05/13/25 11:16	05/19/25 12:05	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	37.3		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	41.6		0.53	5.00	ug/L
95-48-7	2-Methylphenol	43.8		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	42.5		1.10	10.0	ug/L
67-72-1	Hexachloroethane	43.4		0.65	5.00	ug/L
98-95-3	Nitrobenzene	46.5		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	47.3		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	45.8		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.5		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	54.9		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	41.7		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	120		15 (10) - 110 (139)	80%	SPK: 150
13127-88-3	Phenol-d6	118		15 (10) - 110 (134)	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.0		30 (49) - 130 (133)	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.2		30 (52) - 130 (132)	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	141		15 (44) - 110 (137)	94%	SPK: 150
1718-51-0	Terphenyl-d14	80.6		30 (48) - 130 (125)	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	141000	6.904			
1146-65-2	Naphthalene-d8	537000	8.187			
15067-26-2	Acenaphthene-d10	294000	9.945			
1517-22-2	Phenanthrene-d10	521000	11.427			
1719-03-5	Chrysene-d12	267000	14.069			
1520-96-3	Perylene-d12	293000	15.563			

Raw Data: **BF142445.D**

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

Report of Analysis

Client:	ENTACT			Date Collected:			
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:			
Client Sample ID:	PB167987BS			SDG No.:	Q2001		
Lab Sample ID:	PB167987BS			Matrix:	TCLP		
Analytical Method:	8270E			% Solid:	0		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000		uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA		
Extraction Type :			Decanted : N	Level :	LOW		
Injection Volume :			GPC Factor : 1.0	GPC Cleanup :	N	PH :	
Prep Method :	SW3510C						

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142445.D	1	05/13/25 11:16	05/19/25 12:05	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142445.D
Acq On : 19 May 2025 12:05
Operator : RC/JU
Sample : PB167987BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Quant Time: May 19 13:00:08 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	141273	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	537403	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	293927	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	520931	20.000	ng	0.00
76) Chrysene-d12	14.069	240	267148	20.000	ng	0.00
86) Perylene-d12	15.563	264	292683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	993244	120.019	ng	0.02
7) Phenol-d6	6.528	99	1196777	117.579	ng	0.00
23) Nitrobenzene-d5	7.469	82	748856	84.984	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	401256	141.396	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1529900	74.217	ng	0.00
79) Terphenyl-d14	13.016	244	1454705	80.596	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	115562	31.009	ng	96
3) Pyridine	3.534	79	326165	37.277	ng	97
4) n-Nitrosodimethylamine	3.487	42	187605	36.892	ng	96
6) Aniline	6.563	93	408649	40.932	ng	97
8) 2-Chlorophenol	6.687	128	385040	43.539	ng	98
9) Benzaldehyde	6.451	77	217910	36.579	ng	99
10) Phenol	6.545	94	463027	42.915	ng	94
11) bis(2-Chloroethyl)ether	6.640	93	352078	33.091	ng	99
12) 1,3-Dichlorobenzene	6.845	146	420974	41.609	ng	98
13) 1,4-Dichlorobenzene	6.922	146	422486	41.590	ng	99
14) 1,2-Dichlorobenzene	7.075	146	401063	41.132	ng	99
15) Benzyl Alcohol	7.040	79	303095	45.987	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	599692	37.743	ng	97
17) 2-Methylphenol	7.151	107	313661	43.809	ng	98
18) Hexachloroethane	7.416	117	146824	43.440	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	259259	41.178	ng	97
20) 3+4-Methylphenols	7.304	107	379699	42.493	ng	90
22) Acetophenone	7.310	105	506395	42.380	ng	95
24) Nitrobenzene	7.487	77	386358	46.514	ng	97
25) Isophorone	7.722	82	674425	40.418	ng	99
26) 2-Nitrophenol	7.798	139	207337	51.465	ng	99
27) 2,4-Dimethylphenol	7.834	122	369725	44.070	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	430796	40.150	ng	99
29) 2,4-Dichlorophenol	8.039	162	326752	45.812	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	360887	44.959	ng	99
31) Naphthalene	8.210	128	1141003	43.808	ng	99
32) Benzoic acid	7.951	122	242101	52.371	ng	99
33) 4-Chloroaniline	8.251	127	116508m	10.962	ng	
34) Hexachlorobutadiene	8.322	225	224762	47.287	ng	99
35) Caprolactam	8.622	113	103323m	49.705	ng	
36) 4-Chloro-3-methylphenol	8.734	107	340576	45.935	ng	99
37) 2-Methylnaphthalene	8.898	142	689011	42.573	ng	99
38) 1-Methylnaphthalene	8.998	142	714047	42.331	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	345048	42.032	ng	99
41) Hexachlorocyclopentadiene	9.051	237	474110	93.450	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	237077	45.785	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142445.D
Acq On : 19 May 2025 12:05
Operator : RC/JU
Sample : PB167987BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Quant Time: May 19 13:00:08 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

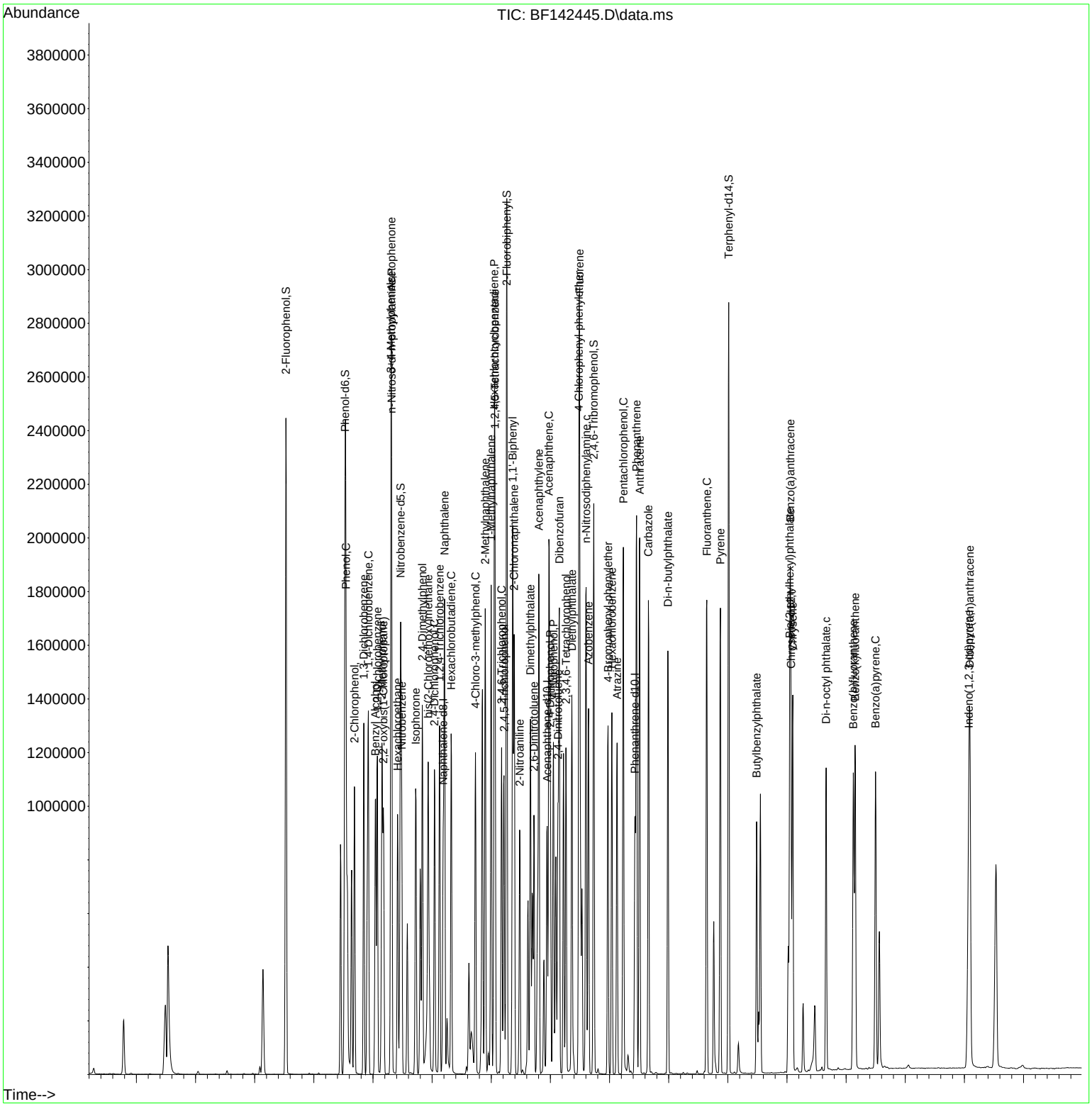
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	245310	44.525	ng		99
46) 1,1'-Biphenyl	9.363	154	909839	40.372	ng		99
47) 2-Chloronaphthalene	9.386	162	700494	41.796	ng		99
48) 2-Nitroaniline	9.481	65	205959	47.943	ng		92
49) Acenaphthylene	9.804	152	1168126	41.664	ng		100
50) Dimethylphthalate	9.663	163	795395	42.143	ng		99
51) 2,6-Dinitrotoluene	9.722	165	181999	51.516	ng		93
52) Acenaphthene	9.975	154	768200	45.568	ng		99
53) 3-Nitroaniline	9.892	138	102396	24.713	ng		93
54) 2,4-Dinitrophenol	9.998	184	217075	113.861	ng	#	1
55) Dibenzofuran	10.151	168	1025435	41.216	ng		100
56) 4-Nitrophenol	10.051	139	312516	100.218	ng		96
57) 2,4-Dinitrotoluene	10.128	165	248584	54.855	ng		94
58) Fluorene	10.492	166	790954	41.657	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	213557	46.955	ng		98
60) Diethylphthalate	10.363	149	763904	40.529	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	381635	41.661	ng		98
62) 4-Nitroaniline	10.510	138	188512	57.405	ng		99
63) Azobenzene	10.645	77	691397	38.387	ng		97
65) 4,6-Dinitro-2-methylph...	10.533	198	131234	53.139	ng		96
66) n-Nitrosodiphenylamine	10.604	169	697620	40.244	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	241048	40.829	ng		97
68) Hexachlorobenzene	11.039	284	270515	41.655	ng		96
69) Atrazine	11.128	200	212006	46.397	ng		100
70) Pentachlorophenol	11.233	266	343543	100.557	ng		98
71) Phenanthrene	11.457	178	1143757	41.887	ng		100
72) Anthracene	11.510	178	1166616	41.580	ng		99
73) Carbazole	11.657	167	1038886	41.272	ng		100
74) Di-n-butylphthalate	11.986	149	1127755	42.607	ng		100
75) Fluoranthene	12.645	202	1072447	39.290	ng		98
77) Benzidine	12.763	184	324707	66.883	ng		98
78) Pyrene	12.874	202	1042270	43.832	ng		99
80) Butylbenzylphthalate	13.486	149	306321	44.436	ng		99
81) Benzo(a)anthracene	14.057	228	782375	45.222	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	142856	35.507	ng		99
83) Chrysene	14.098	228	680676	42.263	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	410785	45.680	ng		99
85) Di-n-octyl phthalate	14.663	149	772141	47.489	ng		97
87) Indeno(1,2,3-cd)pyrene	17.074	276	956870	46.998	ng		98
88) Benzo(b)fluoranthene	15.121	252	756657	42.685	ng		99
89) Benzo(k)fluoranthene	15.151	252	652259	40.208	ng		100
90) Benzo(a)pyrene	15.498	252	704559	44.354	ng		98
91) Dibenzo(a,h)anthracene	17.092	278	780084	46.377	ng		99
92) Benzo(g,h,i)perylene	17.533	276	758122	45.412	ng		97

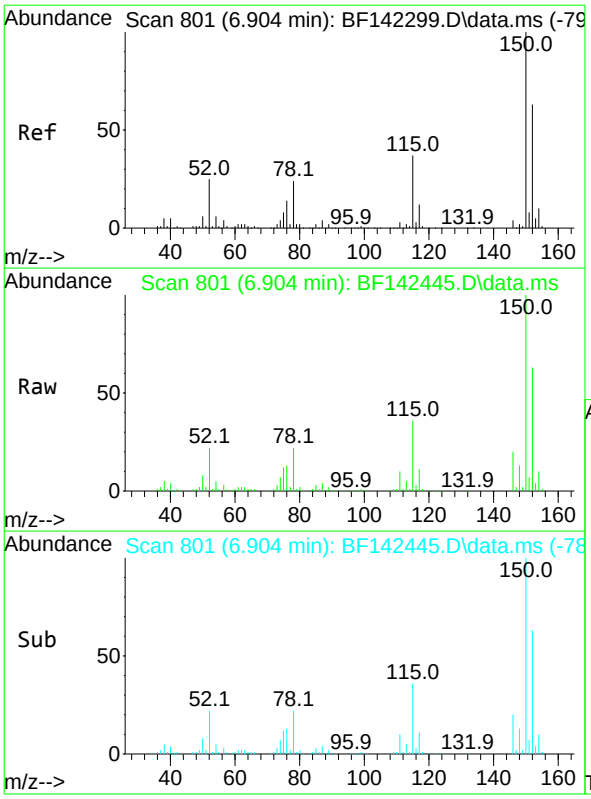
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142445.D
Acq On : 19 May 2025 12:05
Operator : RC/JU
Sample : PB167987BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Quant Time: May 19 13:00:08 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



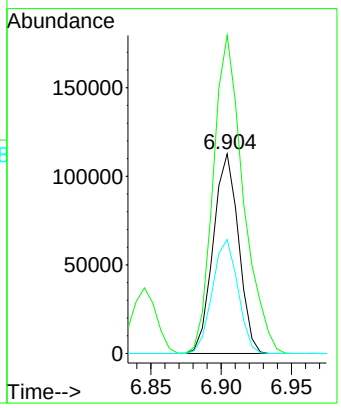


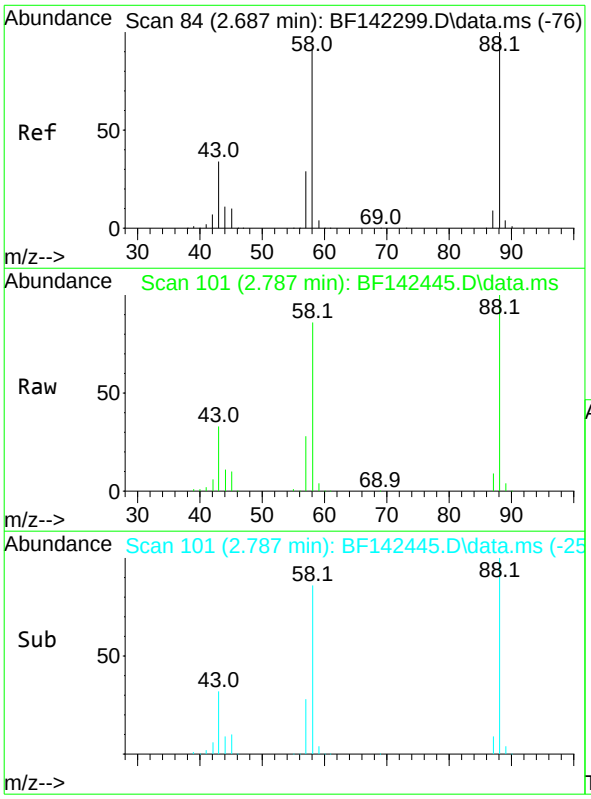
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:152 Resp: 141273

Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.6	190.0
115	57.1	47.3	70.9

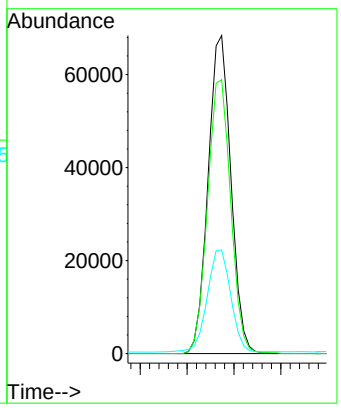




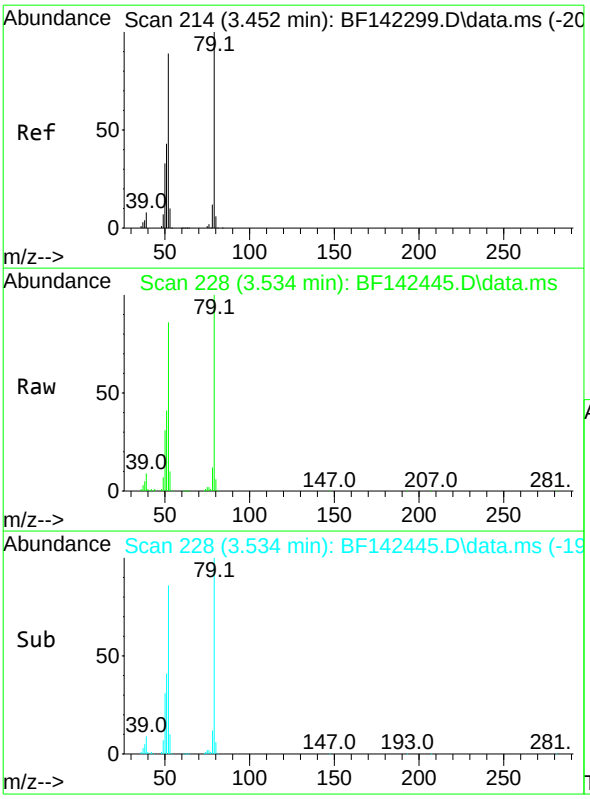
#2
1,4-Dioxane
Concen: 31.009 ng
RT: 2.787 min Scan# 101
Delta R.T. 0.100 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion: 88 Resp: 115562

Ion	Ratio	Lower	Upper
88	100		
58	87.5	73.0	109.4
43	33.2	27.8	41.6



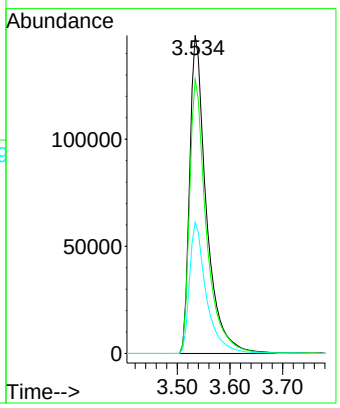
Instrument :
BNA_F
ClientSampleId :
PB167987BS

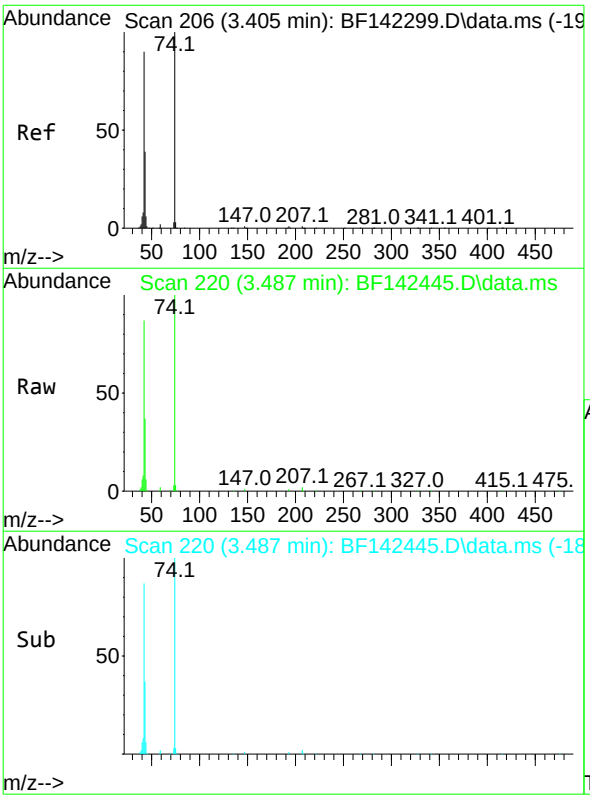


#3
Pyridine
Concen: 37.277 ng
RT: 3.534 min Scan# 22
Delta R.T. 0.082 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion: 79 Resp: 326165

Ion	Ratio	Lower	Upper
79	100		
52	86.2	71.0	106.4
51	41.2	34.9	52.3

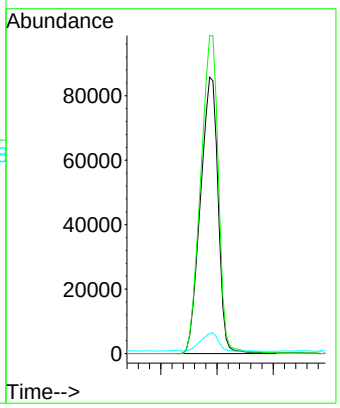


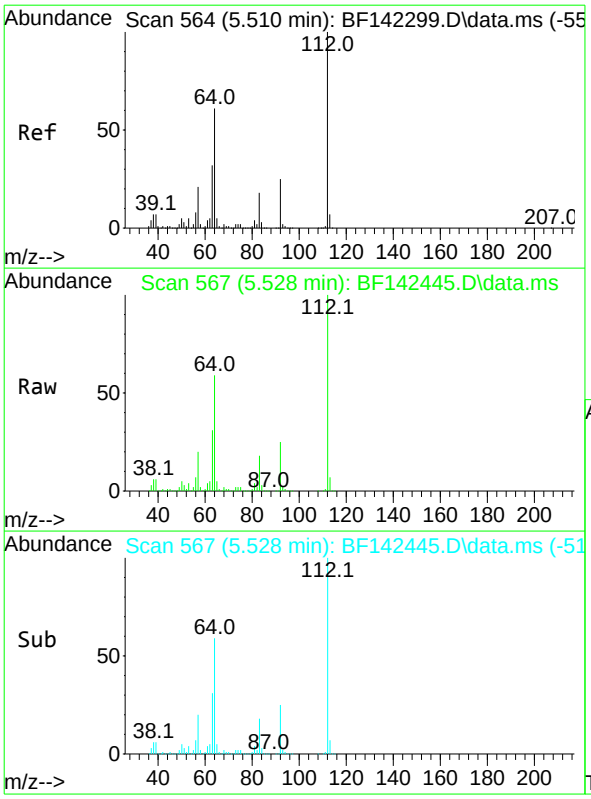


#4
n-Nitrosodimethylamine
Concen: 36.892 ng
RT: 3.487 min Scan# 220
Delta R.T. 0.082 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion: 42 Resp: 187605

Ion	Ratio	Lower	Upper
42	100		
74	115.1	88.5	132.7
44	7.3	5.8	8.8



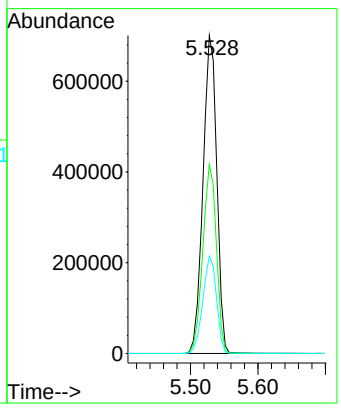


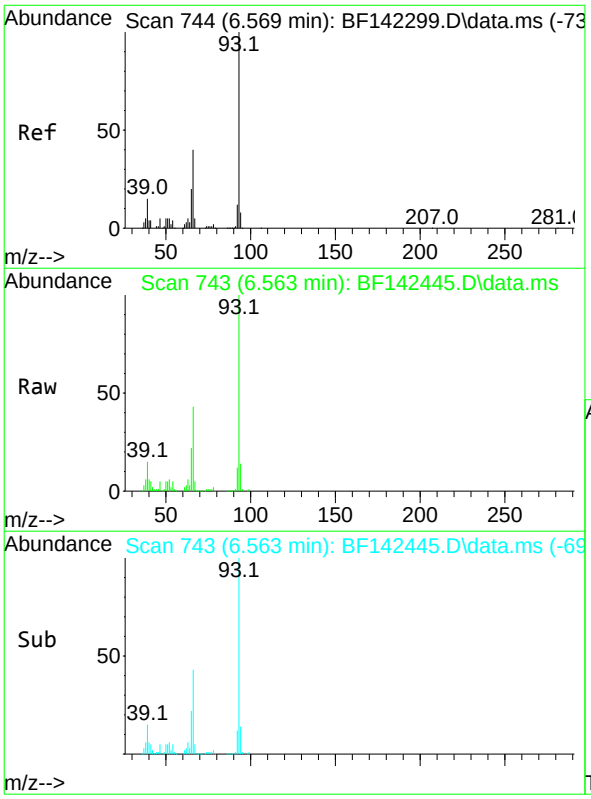
#5
2-Fluorophenol
Concen: 120.019 ng
RT: 5.528 min Scan# 56
Delta R.T. 0.018 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:112 Resp: 993244

Ion	Ratio	Lower	Upper
112	100		
64	59.4	48.9	73.3
63	30.6	25.6	38.4

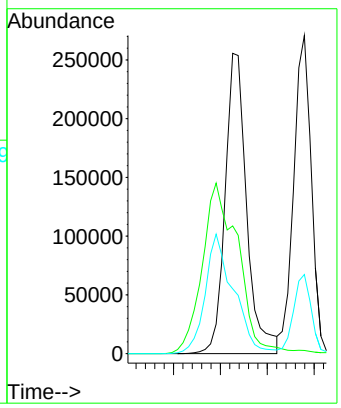


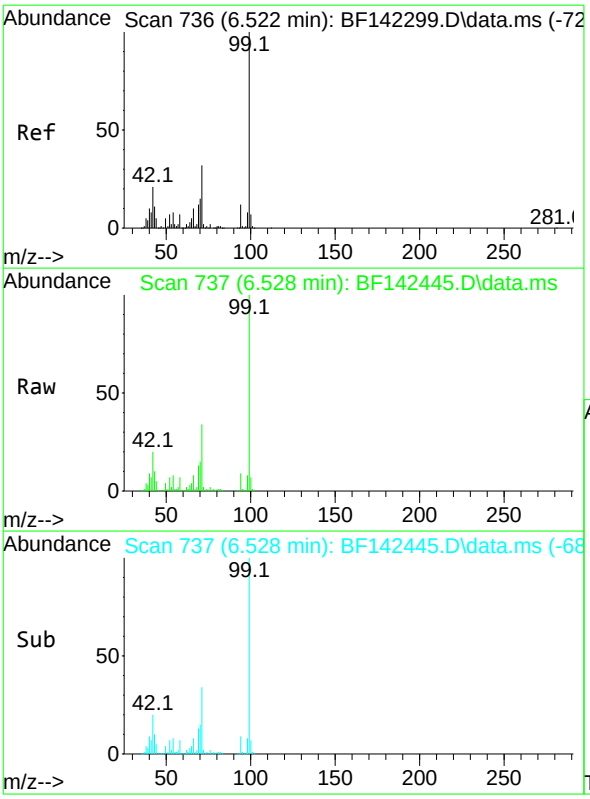


#6
Aniline
Concen: 40.932 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion: 93 Resp: 408649

Ion	Ratio	Lower	Upper
93	100		
66	42.5	32.2	48.4
65	21.6	16.3	24.5



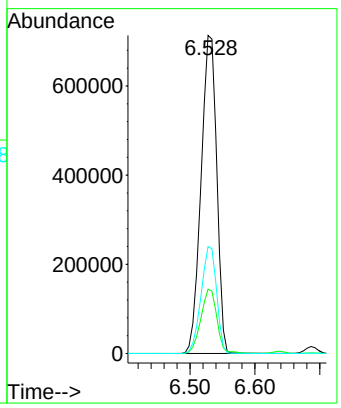


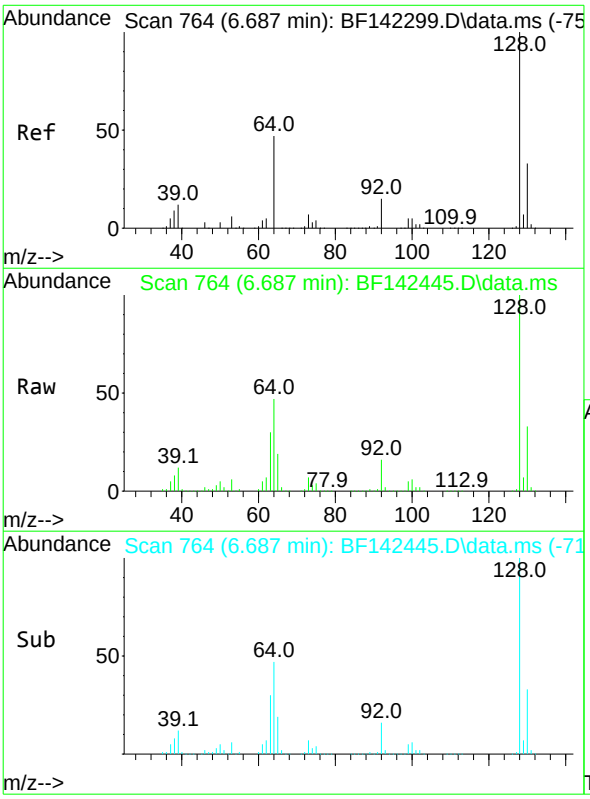
#7
Phenol-d6
Concen: 117.579 ng
RT: 6.528 min Scan# 73
Delta R.T. 0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion: 99 Resp: 1196777

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.0	25.4
71	33.6	25.8	38.8

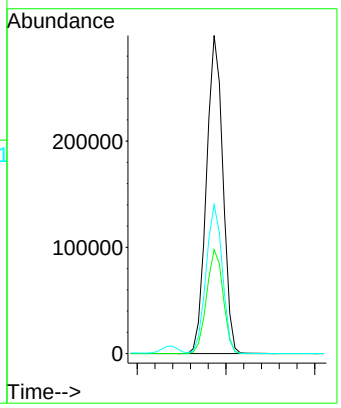




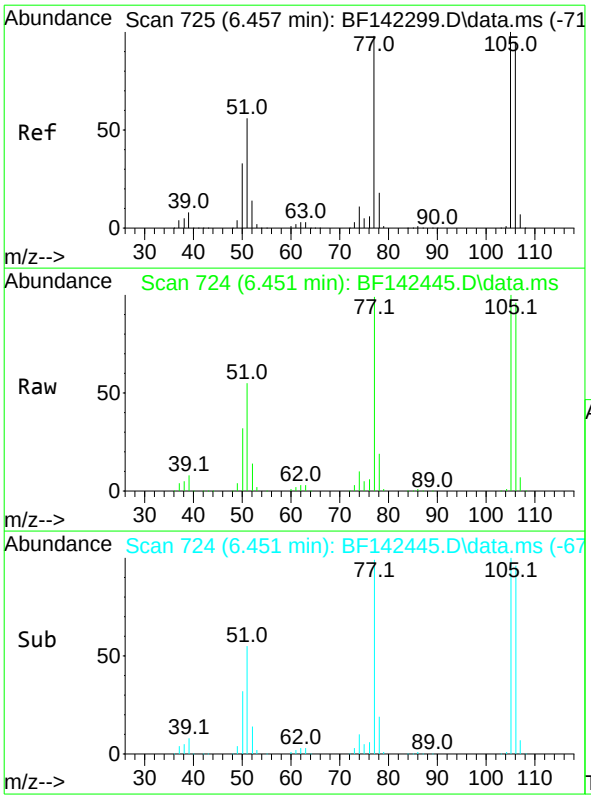
#8
2-Chlorophenol
Concen: 43.539 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:128 Resp: 385040

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	46.8	29.2	69.2



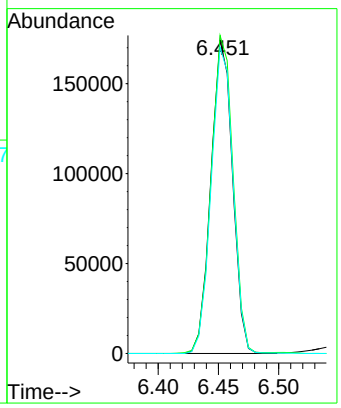
Instrument :
BNA_F
ClientSampleId :
PB167987BS

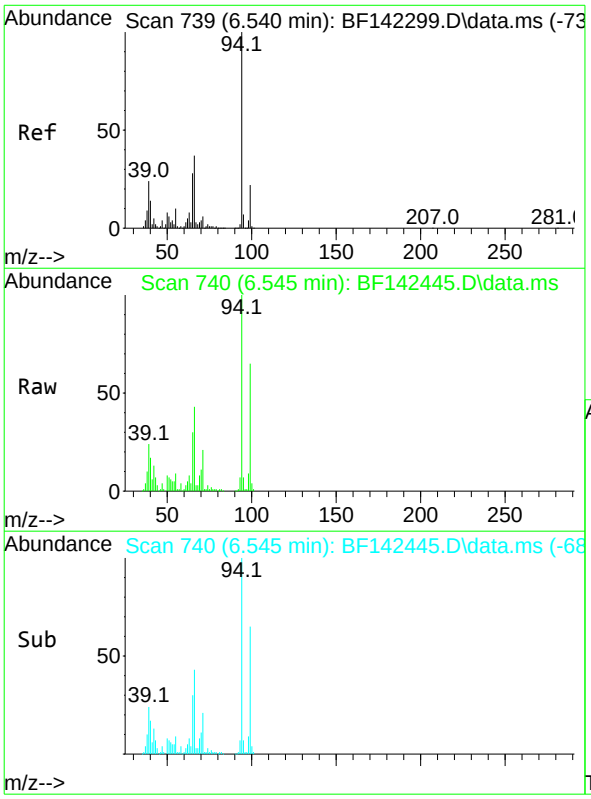


#9
Benzaldehyde
Concen: 36.579 ng
RT: 6.451 min Scan# 72
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion: 77 Resp: 217910

Ion	Ratio	Lower	Upper
77	100		
105	101.4	82.0	122.0
106	97.7	77.2	117.2

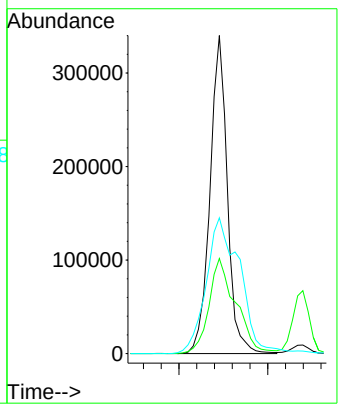


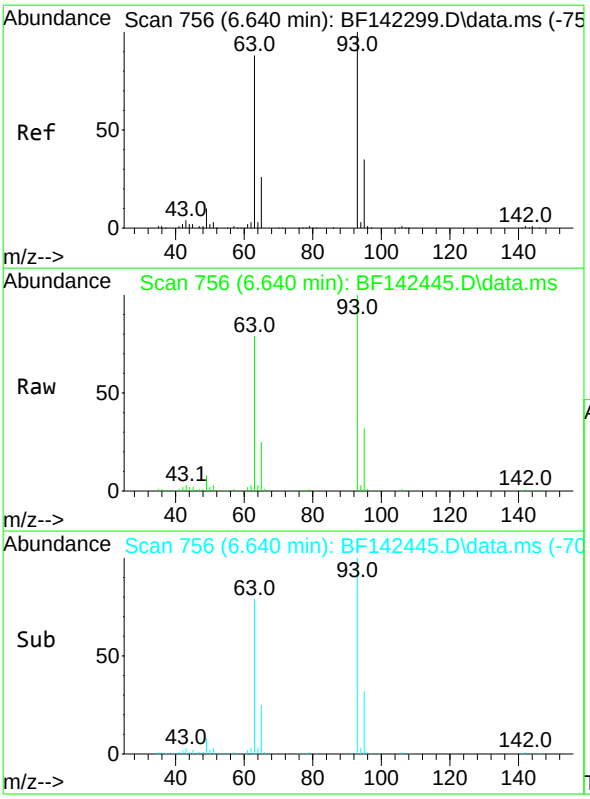


#10
Phenol
Concen: 42.915 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion: 94 Resp: 463027

Ion	Ratio	Lower	Upper
94	100		
65	29.9	8.5	48.5
66	42.7	17.3	57.3



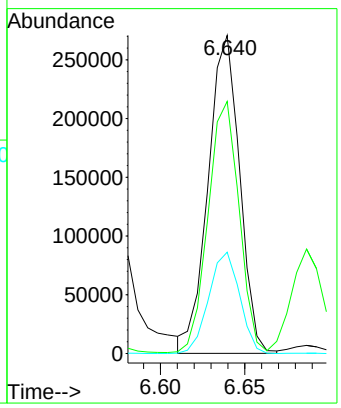


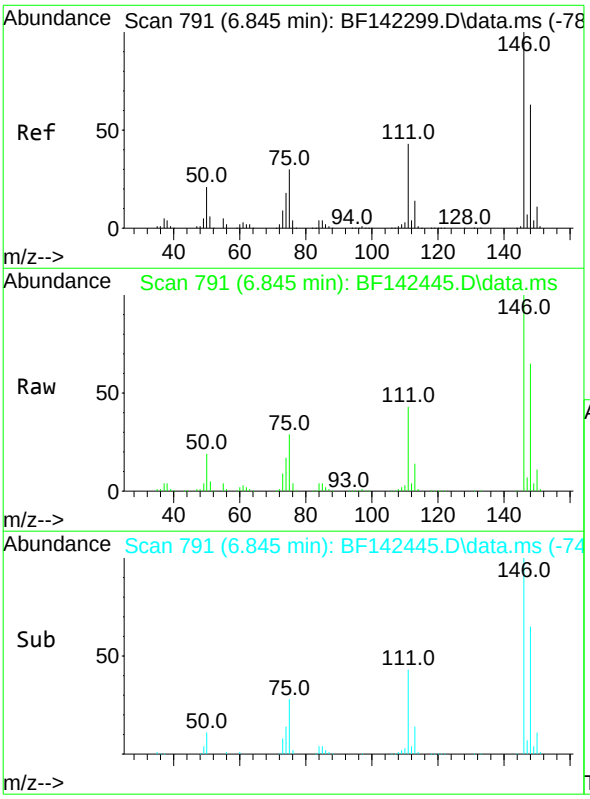
#11
bis(2-Chloroethyl)ether
Concen: 33.091 ng
RT: 6.640 min Scan# 75
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion: 93 Resp: 352078

Ion	Ratio	Lower	Upper
93	100		
63	79.2	58.4	98.4
95	31.8	10.6	50.6

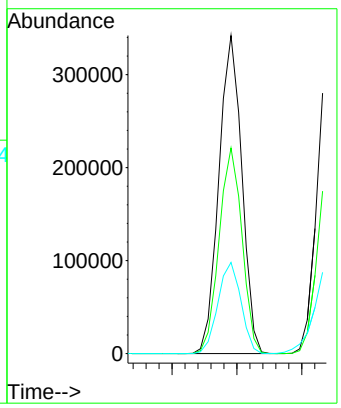


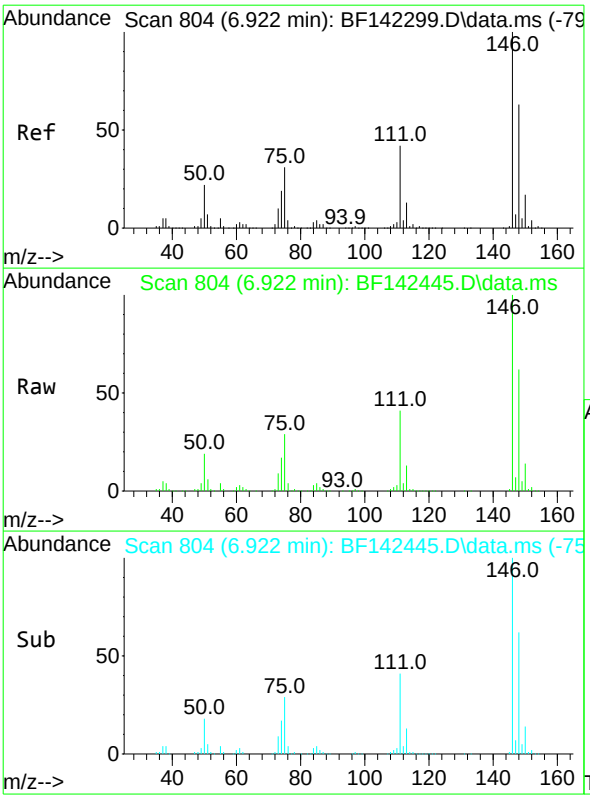


#12
1,3-Dichlorobenzene
Concen: 41.609 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:146 Resp: 420974

Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	76.0
75	28.7	24.2	36.4



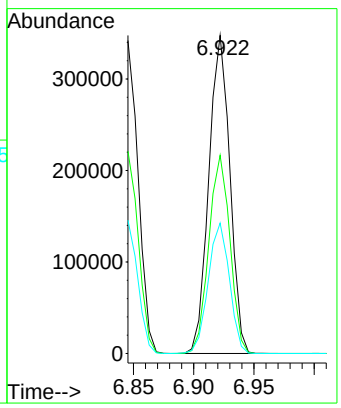


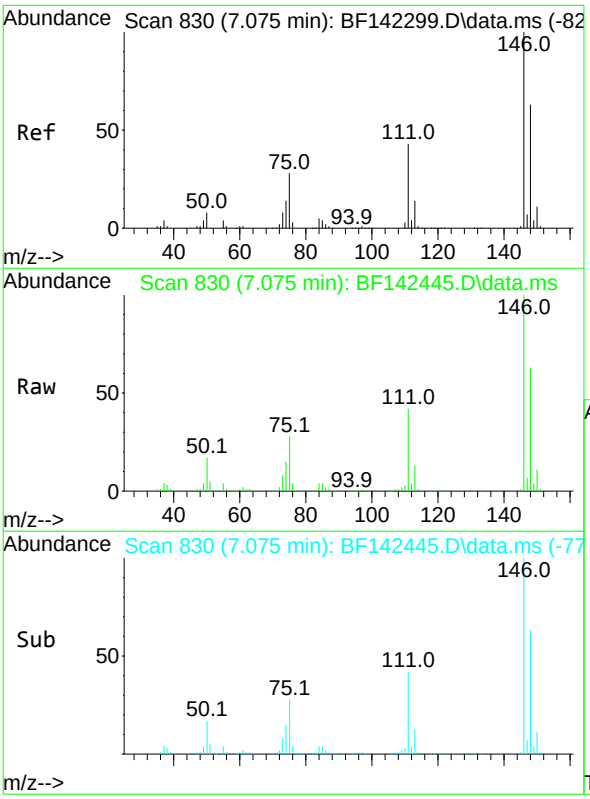
#13
1,4-Dichlorobenzene
Concen: 41.590 ng
RT: 6.922 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:146 Resp: 422486

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.5	75.7
111	41.0	33.4	50.2

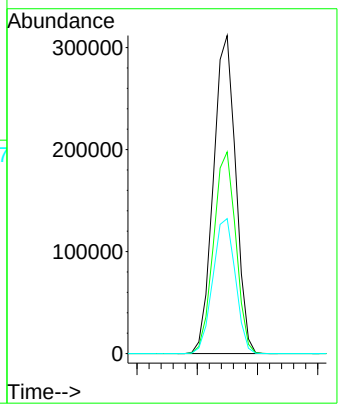


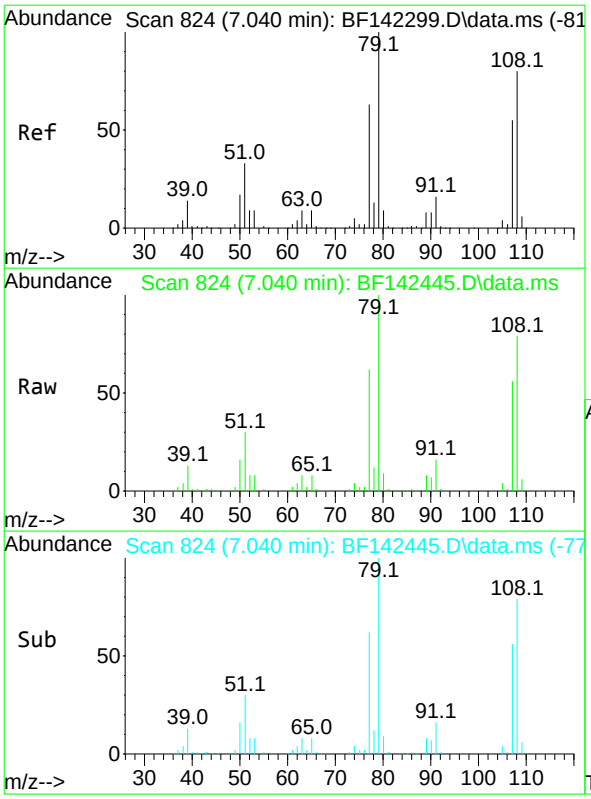


#14
1,2-Dichlorobenzene
Concen: 41.132 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:146 Resp: 401063

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.3	75.5
111	42.4	34.5	51.7



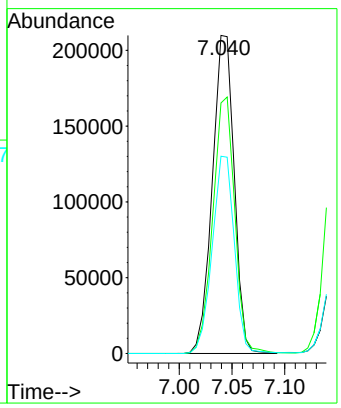


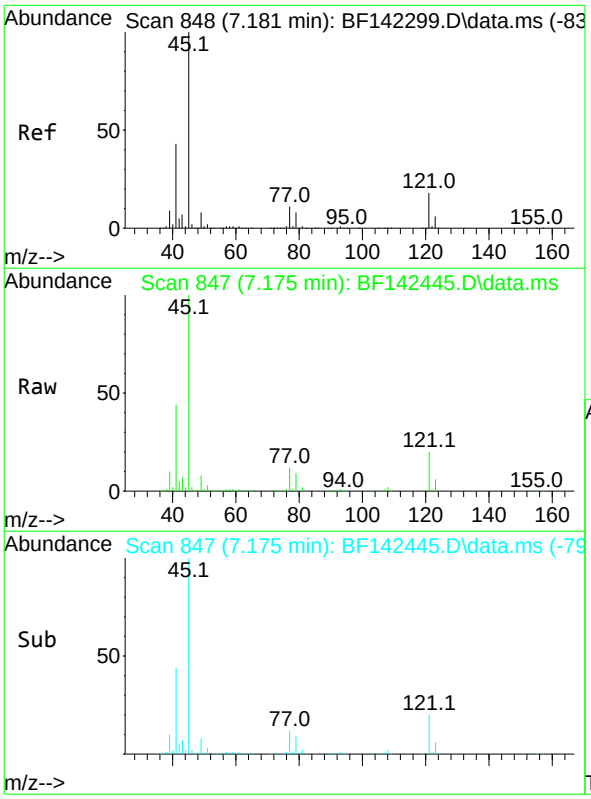
#15
Benzyl Alcohol
Concen: 45.987 ng
RT: 7.040 min Scan# 82
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion: 79 Resp: 303095

Ion	Ratio	Lower	Upper
79	100		
108	78.8	63.9	95.9
77	62.0	50.7	76.1

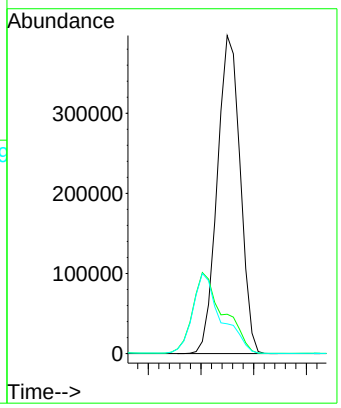


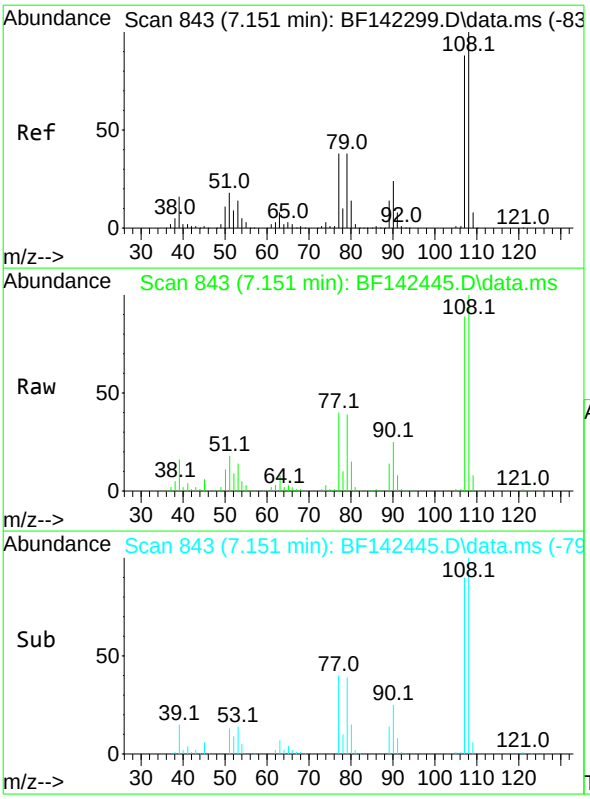


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.743 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion: 45 Resp: 599692

Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	31.2
79	9.4	0.0	28.5



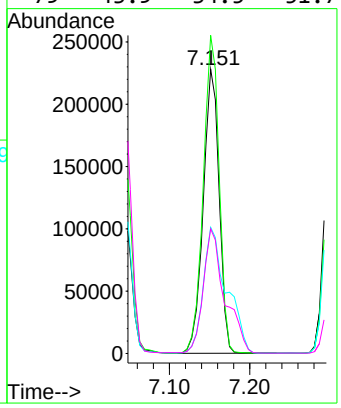


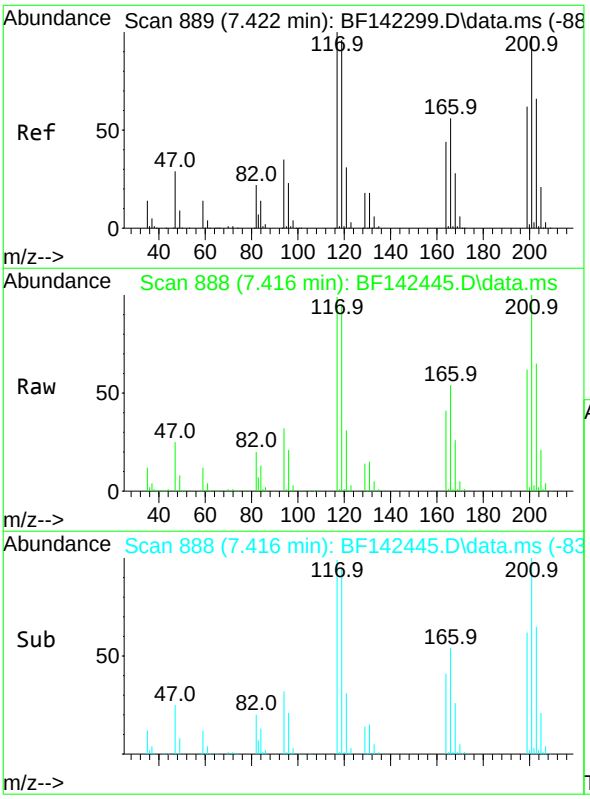
#17
2-Methylphenol
Concen: 43.809 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:107 Resp: 313661

Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.1	136.7
77	44.3	34.7	52.1
79	43.9	34.5	51.7

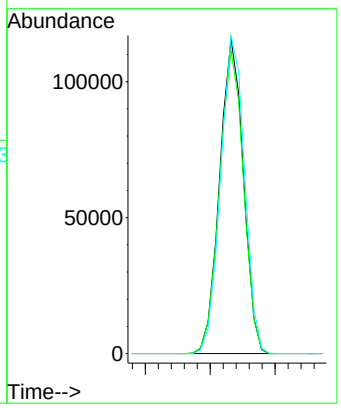


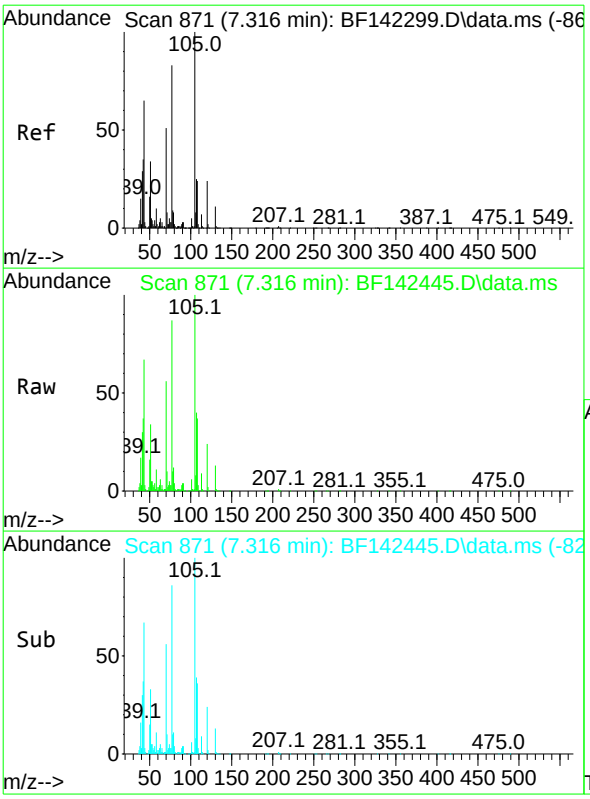


#18
Hexachloroethane
Concen: 43.440 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:117 Resp: 146824

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.9	115.3
201	101.2	78.0	117.0



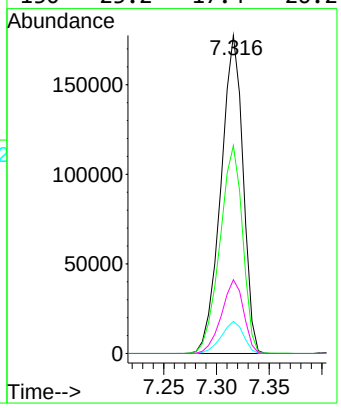


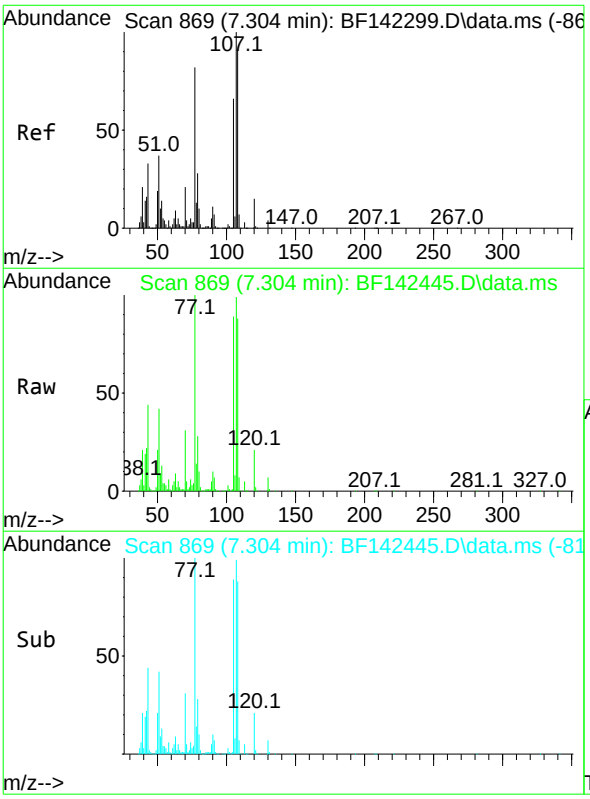
#19
n-Nitroso-di-n-propylamine
Concen: 41.178 ng
RT: 7.316 min Scan# 87
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion: 70 Resp: 259259

Ion	Ratio	Lower	Upper
70	100		
42	65.4	54.8	82.2
101	10.1	7.7	11.5
130	23.2	17.4	26.2

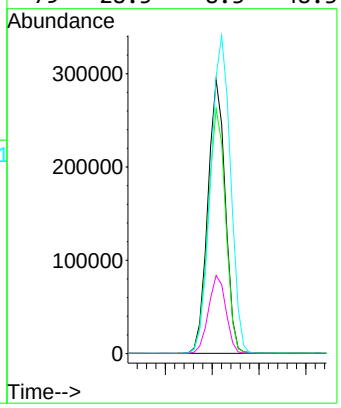


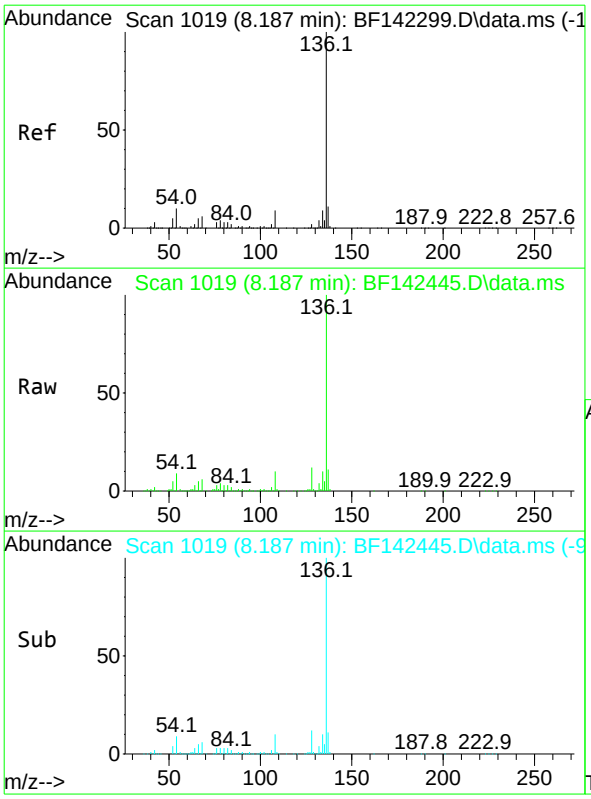


#20
3+4-Methylphenols
Concen: 42.493 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:107 Resp: 379699

Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.5	111.5
77	101.3	61.6	101.6
79	28.5	8.3	48.3



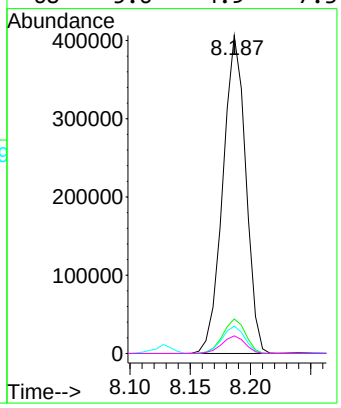


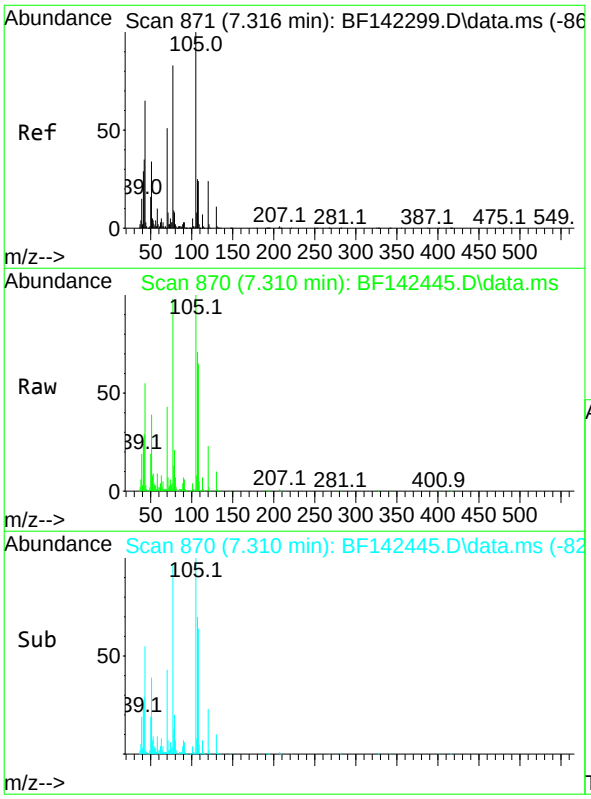
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:136 Resp: 537403

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.6	7.7	11.5
68	5.6	4.9	7.3

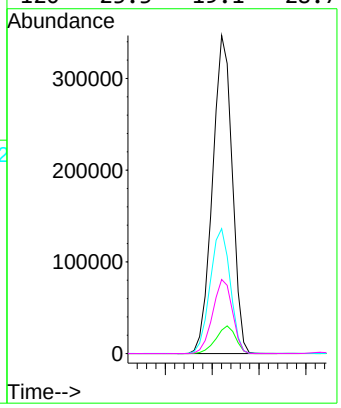


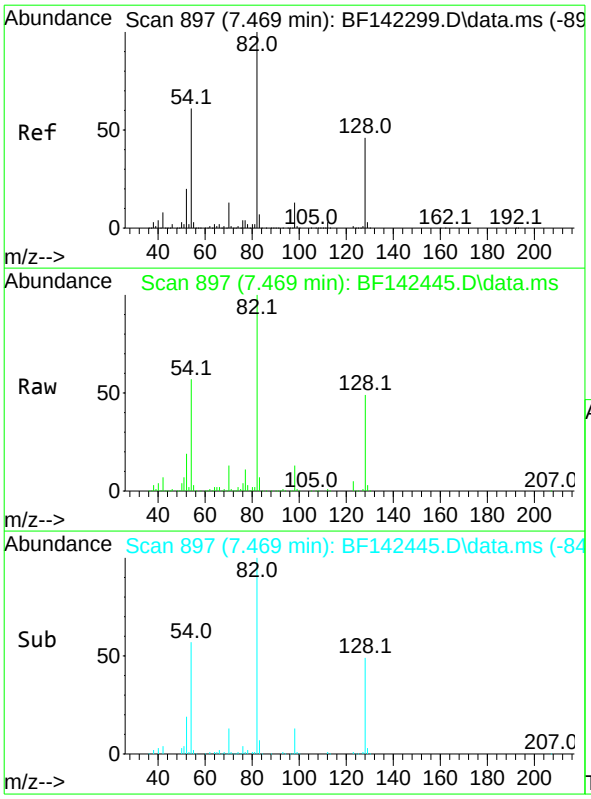


#22
Acetophenone
Concen: 42.380 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:105 Resp: 506395

Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.7	10.1
51	39.3	27.6	41.4
120	23.3	19.1	28.7



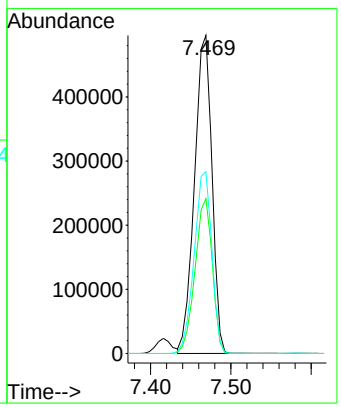


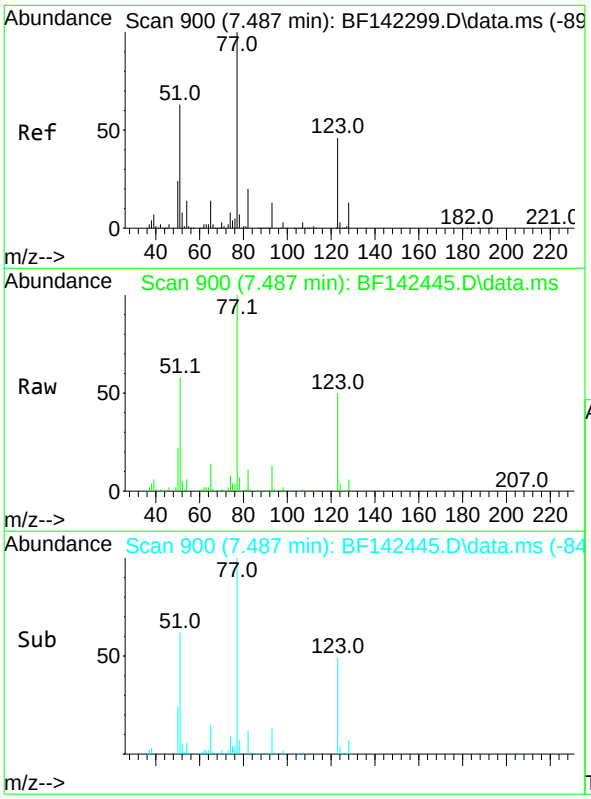
#23
Nitrobenzene-d5
Concen: 84.984 ng
RT: 7.469 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion: 82 Resp: 748856

Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.0	55.6
54	57.2	48.6	73.0

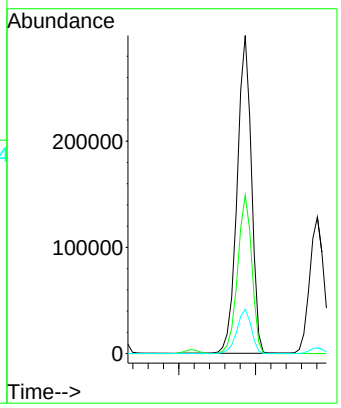


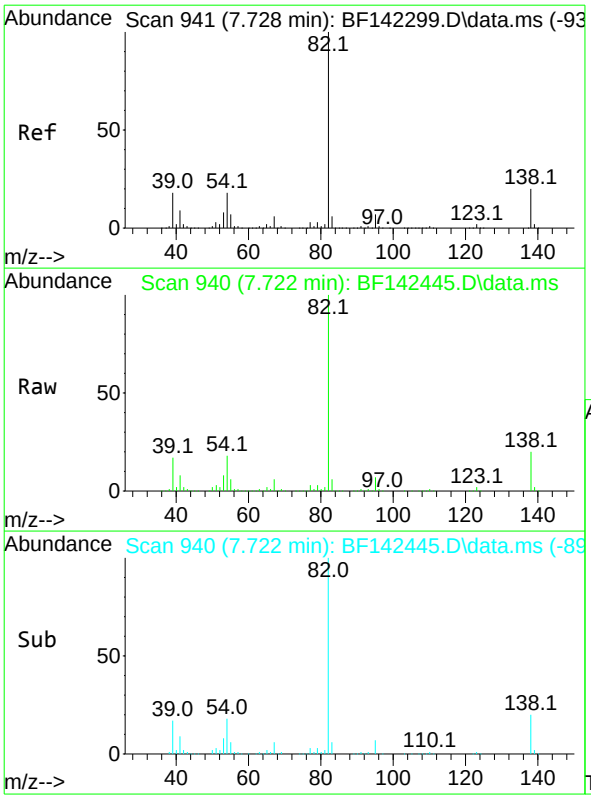


#24
Nitrobenzene
Concen: 46.514 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion: 77 Resp: 386358

Ion	Ratio	Lower	Upper
77	100		
123	49.8	37.8	56.8
65	13.9	11.4	17.0



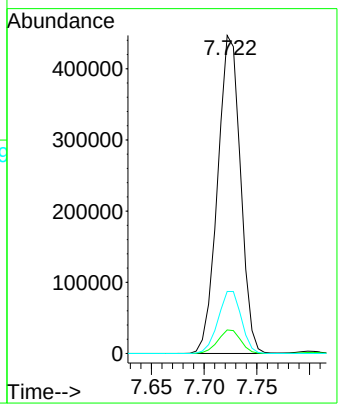


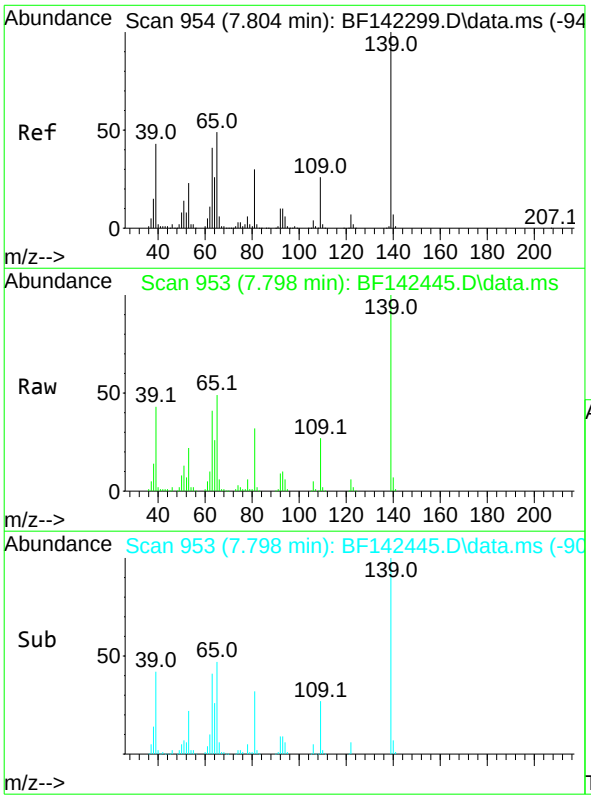
#25
Isophorone
Concen: 40.418 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion: 82 Resp: 674425

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.8
138	19.5	16.1	24.1

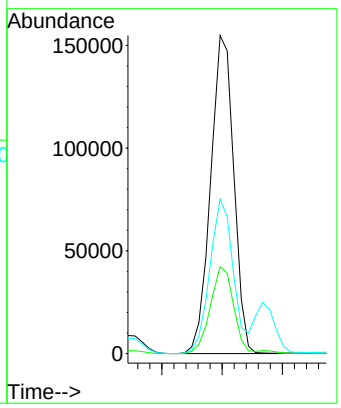


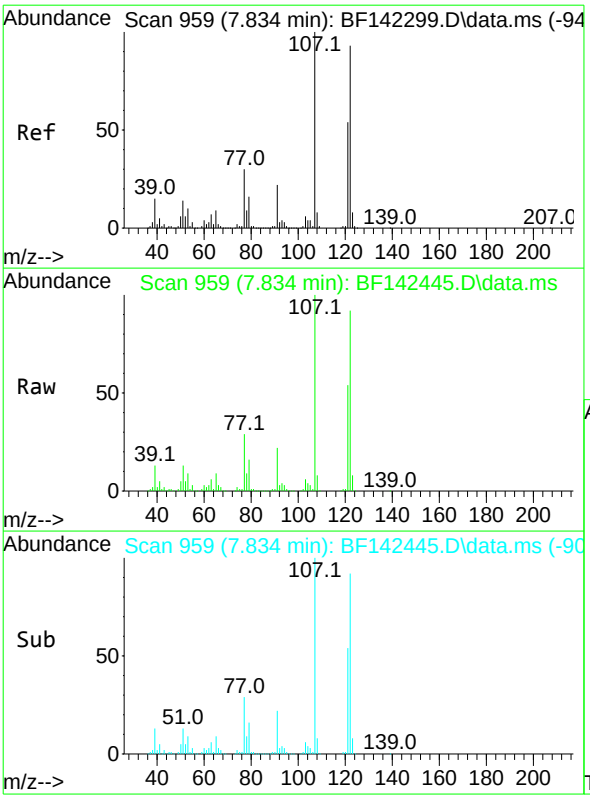


#26
2-Nitrophenol
Concen: 51.465 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:139 Resp: 207337

Ion	Ratio	Lower	Upper
139	100		
109	27.3	20.8	31.2
65	48.6	38.9	58.3



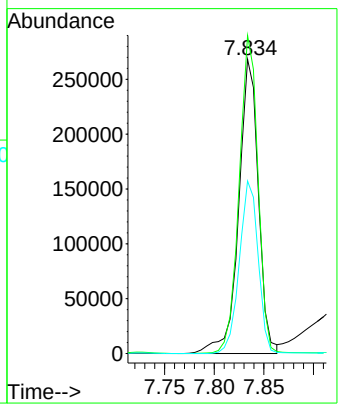


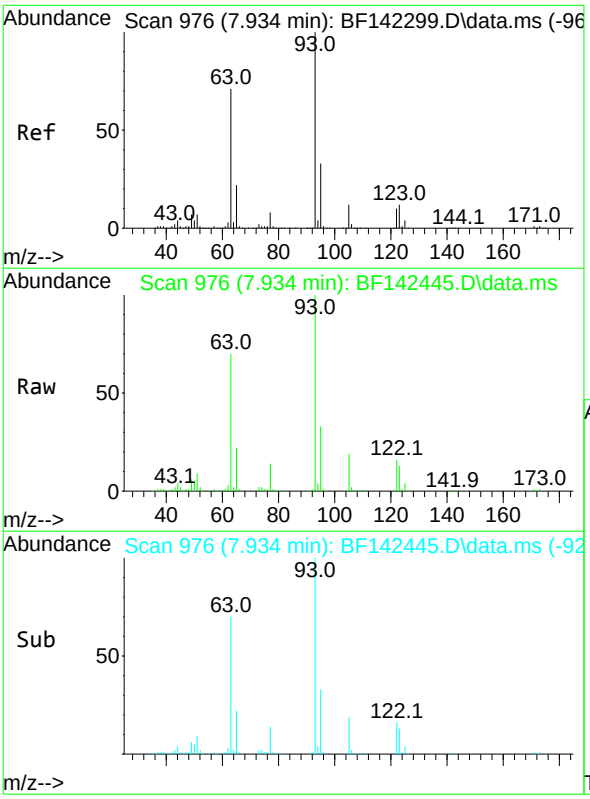
#27
2,4-Dimethylphenol
Concen: 44.070 ng
RT: 7.834 min Scan# 95
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:122 Resp: 369725

Ion	Ratio	Lower	Upper
122	100		
107	108.1	86.0	129.0
121	58.6	46.2	69.4

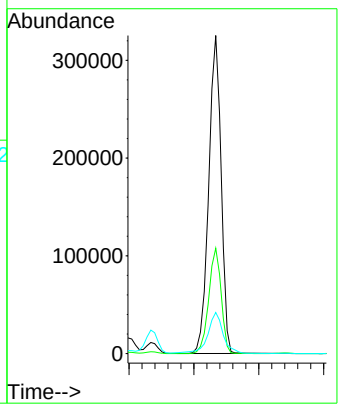


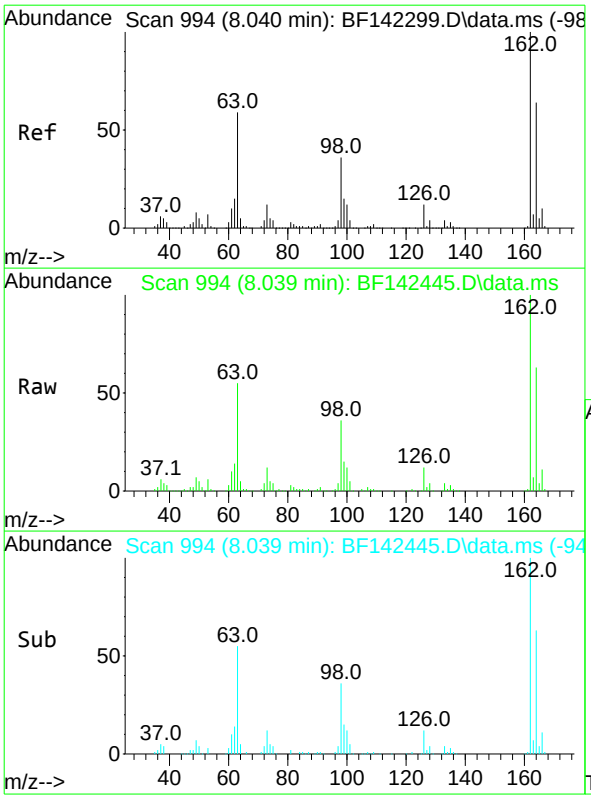


#28
bis(2-Chloroethoxy)methane
Concen: 40.150 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion: 93 Resp: 430796

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.1	39.1
123	12.9	10.2	15.4



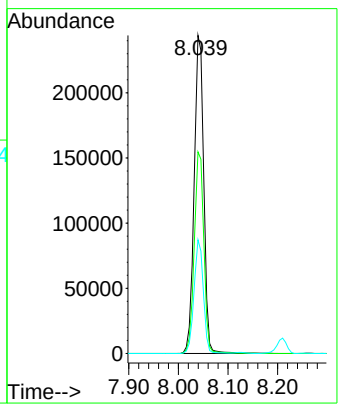


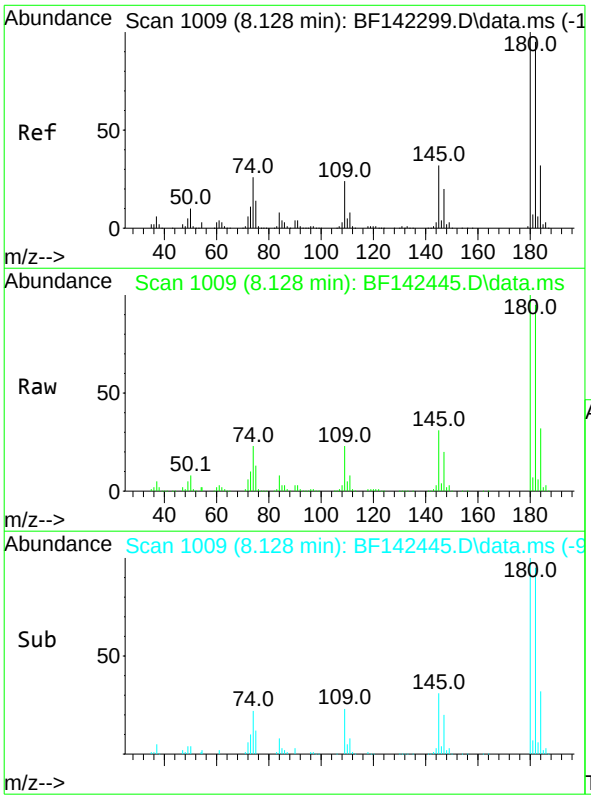
#29
2,4-Dichlorophenol
Concen: 45.812 ng
RT: 8.039 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:162 Resp: 326752

Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.6	83.6
98	35.7	16.5	56.5

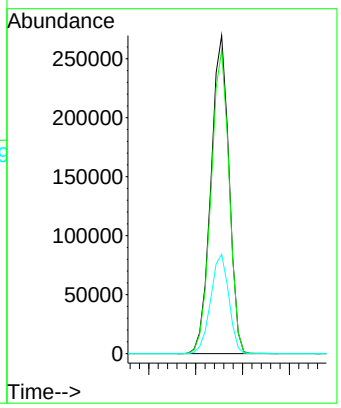


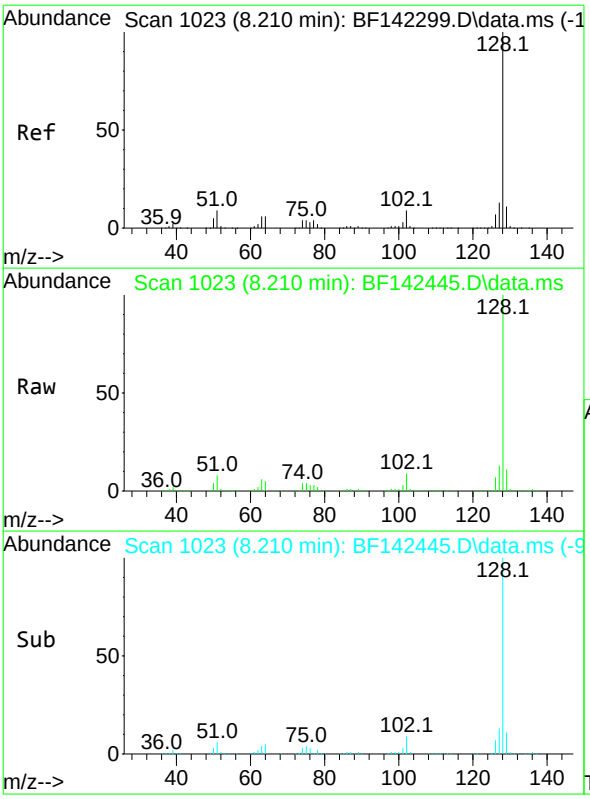


#30
1,2,4-Trichlorobenzene
Concen: 44.959 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:180 Resp: 360887

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.2	114.4
145	31.2	25.8	38.6



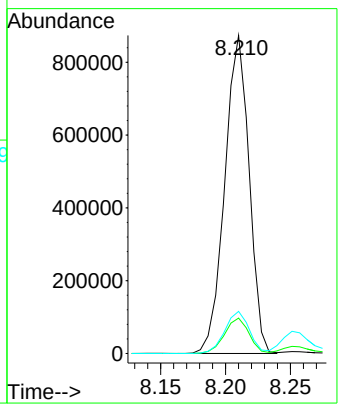


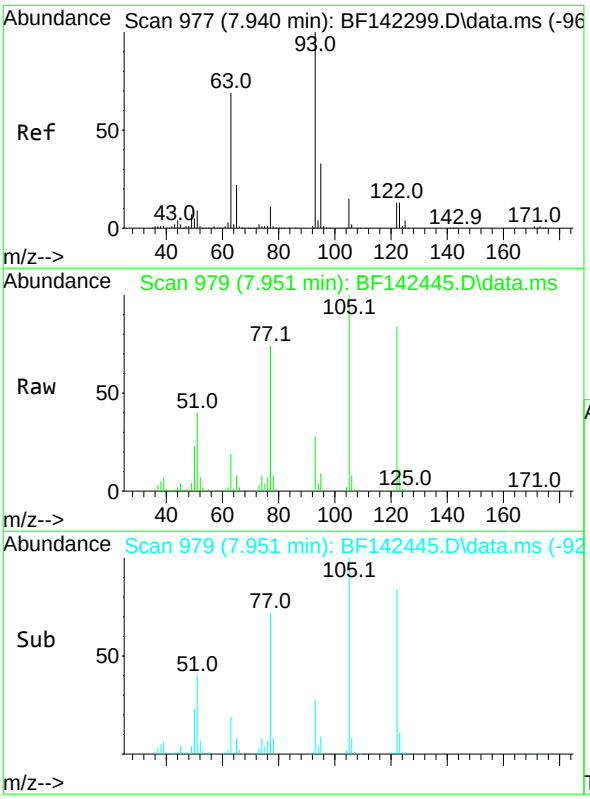
#31
Naphthalene
Concen: 43.808 ng
RT: 8.210 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:128 Resp: 1141003

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.2	10.5	15.7

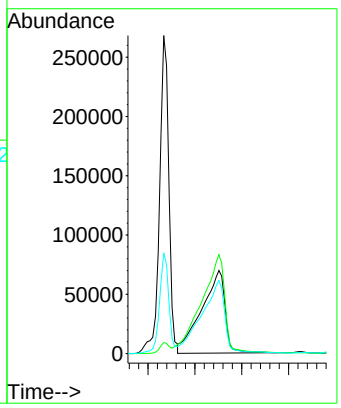


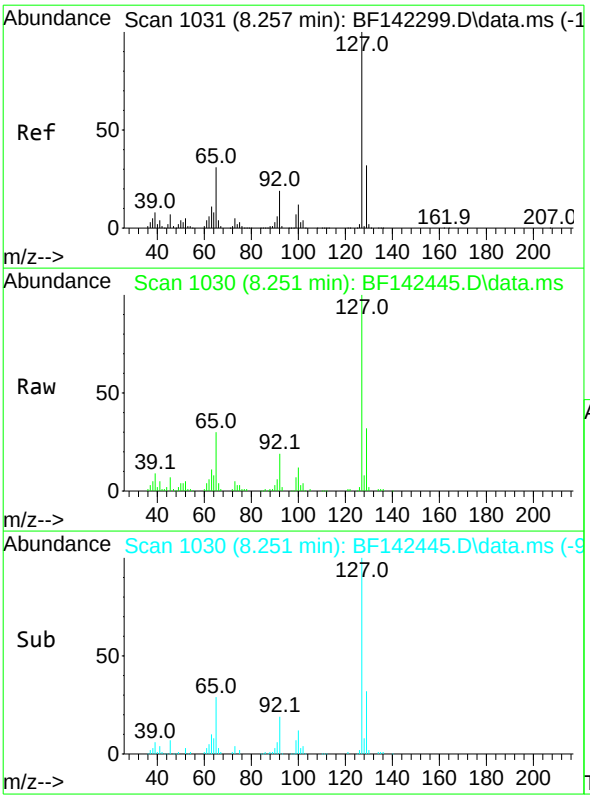


#32
Benzoic acid
Concen: 52.371 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.011 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:122 Resp: 242101

Ion	Ratio	Lower	Upper
122	100		
105	119.1	97.9	137.9
77	88.0	67.7	107.7



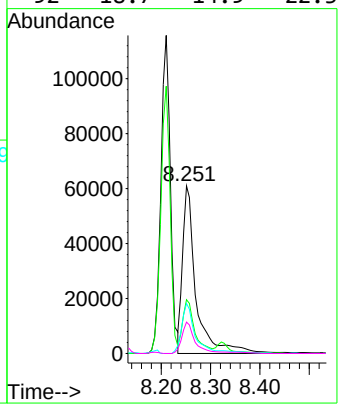


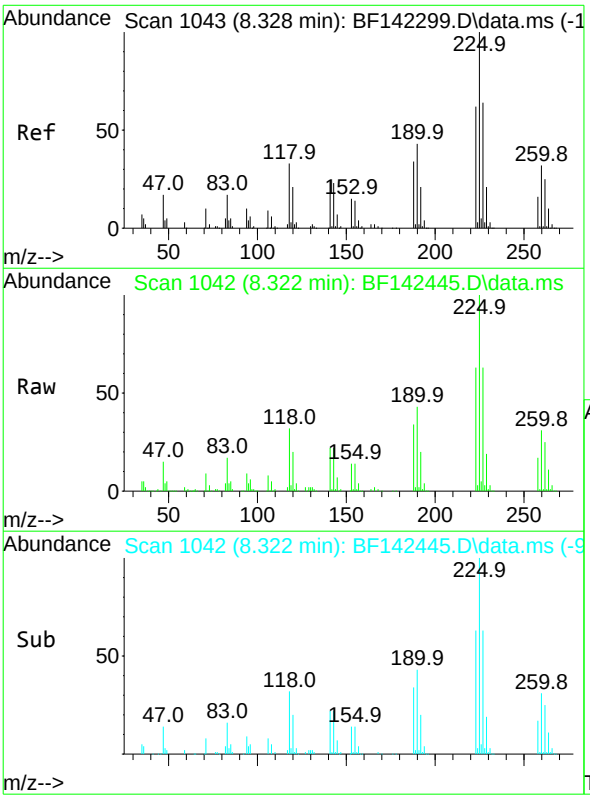
#33
4-Chloroaniline
Concen: 10.962 ng m
RT: 8.251 min Scan# 10
Delta R.T. -0.016 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:127 Resp: 116508

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	29.8	24.9	37.3
92	18.7	14.9	22.3

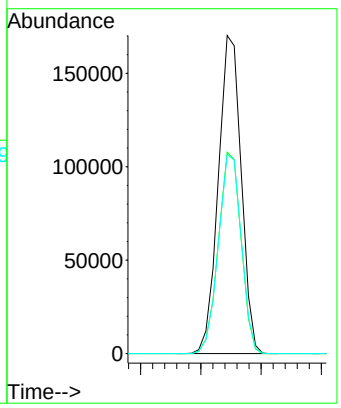


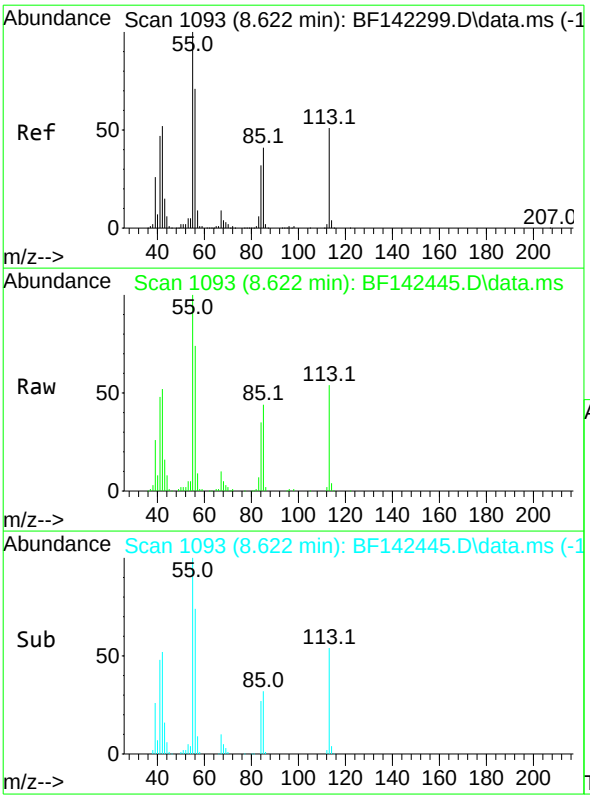


#34
Hexachlorobutadiene
Concen: 47.287 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:225 Resp: 224762

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.8	74.6
227	62.6	50.9	76.3



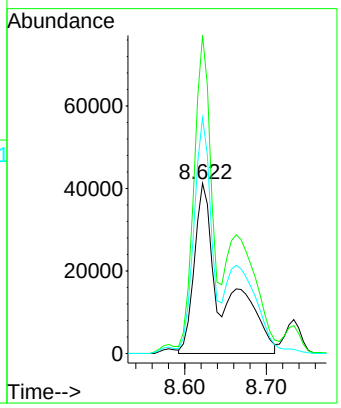


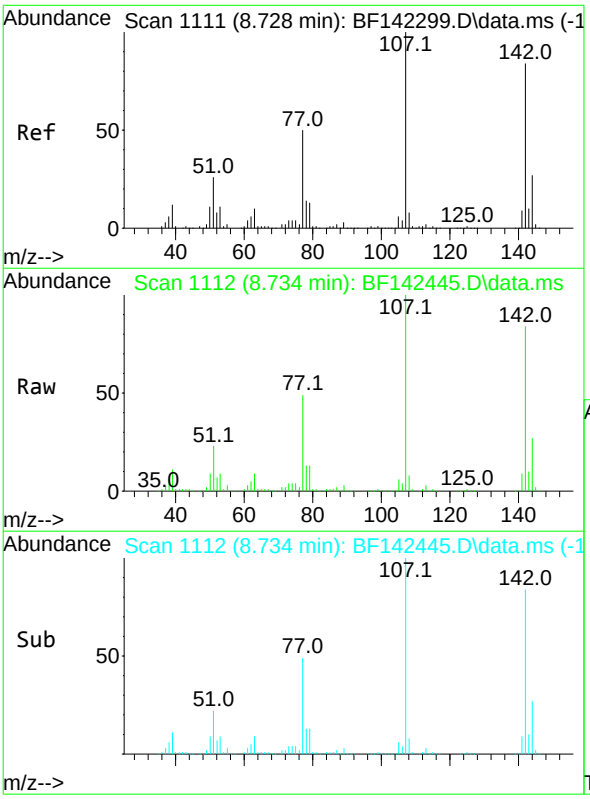
#35
Caprolactam
Concen: 49.705 ng m
RT: 8.622 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:113 Resp: 103323

Ion	Ratio	Lower	Upper
113	100		
55	186.9	176.4	216.4
56	138.5	120.3	160.3

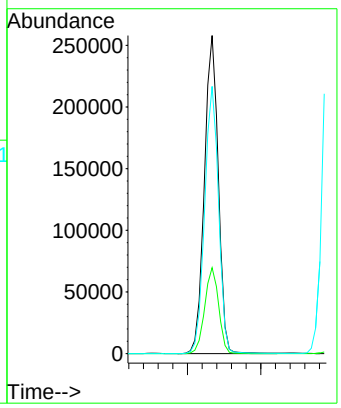


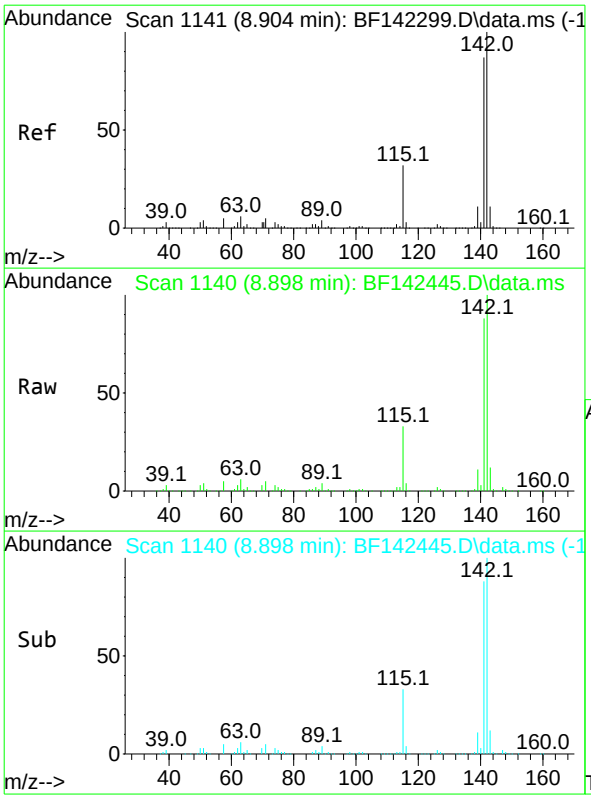


#36
4-Chloro-3-methylphenol
Concen: 45.935 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:107 Resp: 340576

Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.3	31.9
142	84.0	66.9	100.3



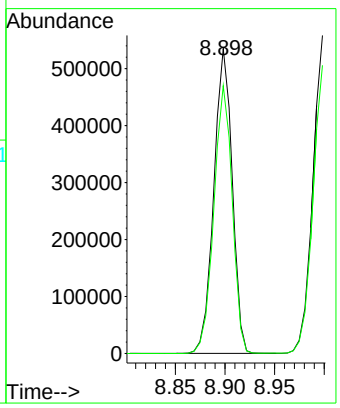


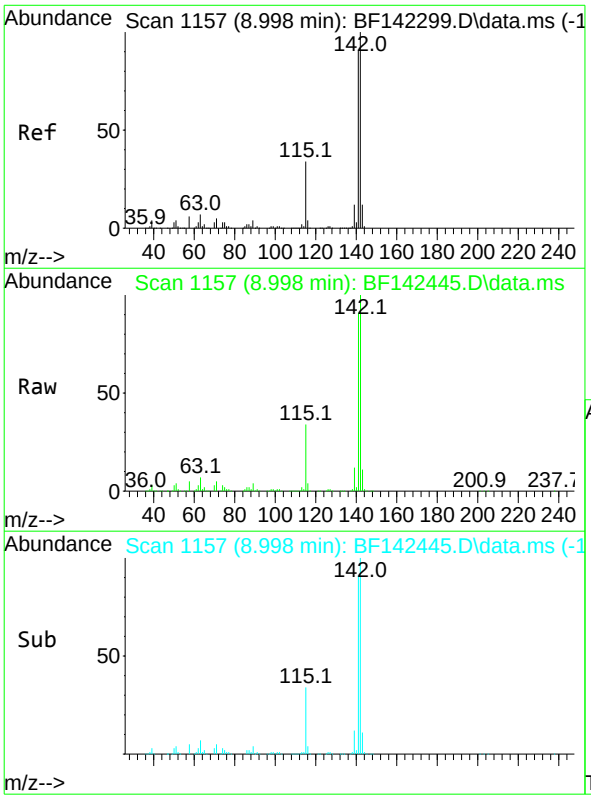
#37
2-Methylnaphthalene
Concen: 42.573 ng
RT: 8.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:142 Resp: 689011

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.4	104.2

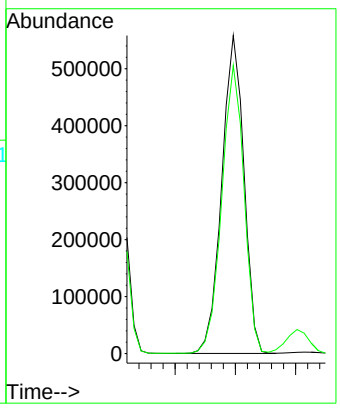


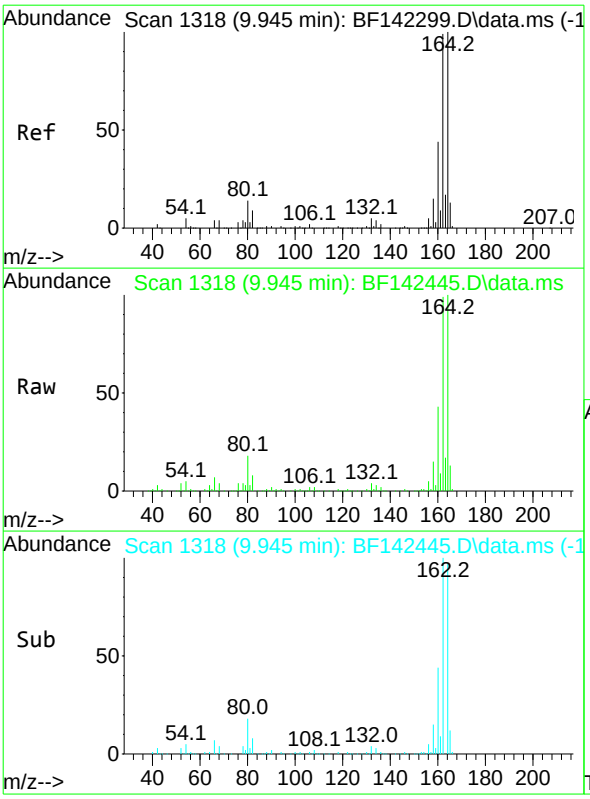


#38
1-Methylnaphthalene
Concen: 42.331 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:142 Resp: 714047

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.5	108.7



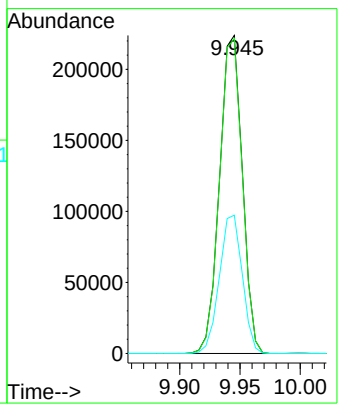


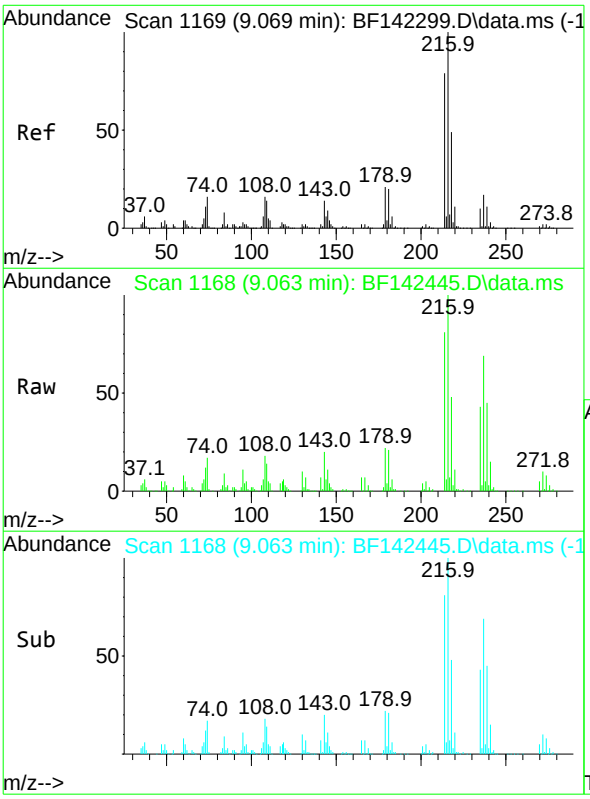
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 13
Delta R.T. 0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:164 Resp: 293927

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.2	118.8
160	43.5	35.3	52.9

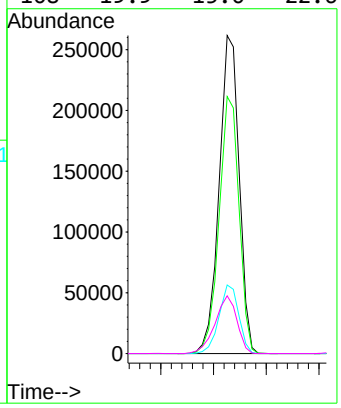


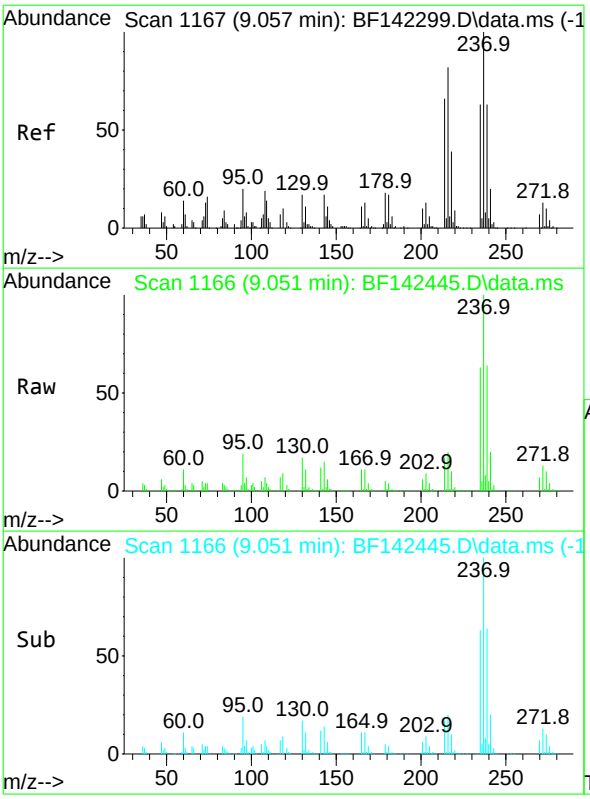


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.032 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:216 Resp: 345048

Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.8	95.6
179	21.3	17.0	25.6
108	19.9	15.0	22.6



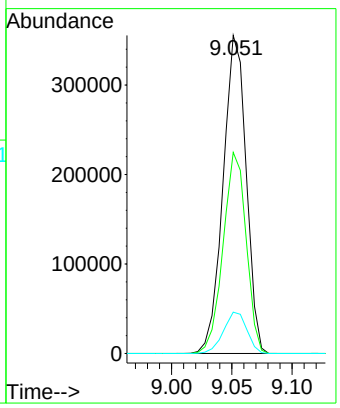


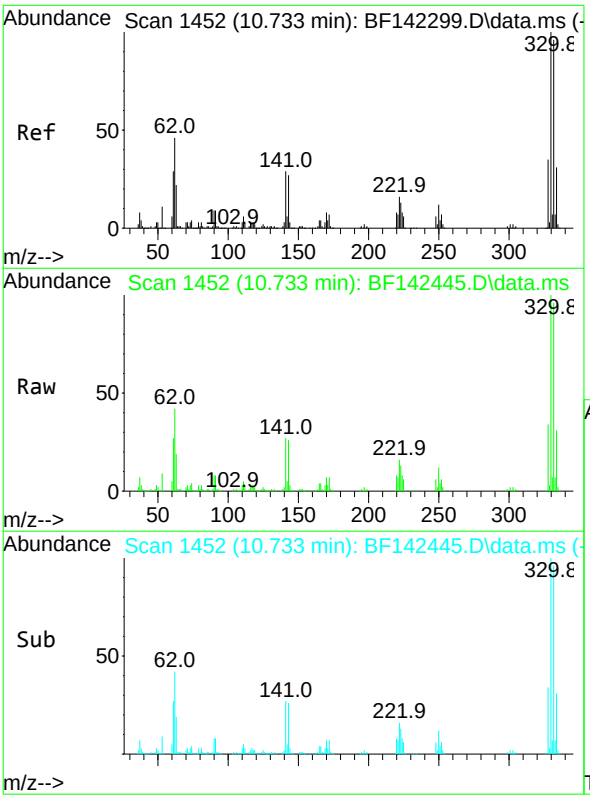
#41
Hexachlorocyclopentadiene
Concen: 93.450 ng
RT: 9.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:237 Resp: 474110

Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.8	82.8
272	13.0	0.0	33.0

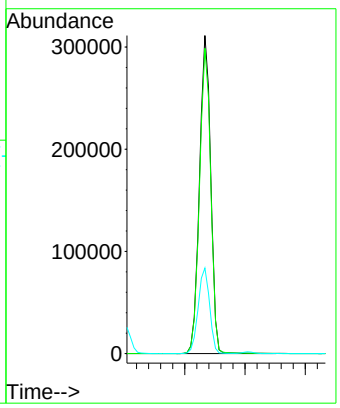


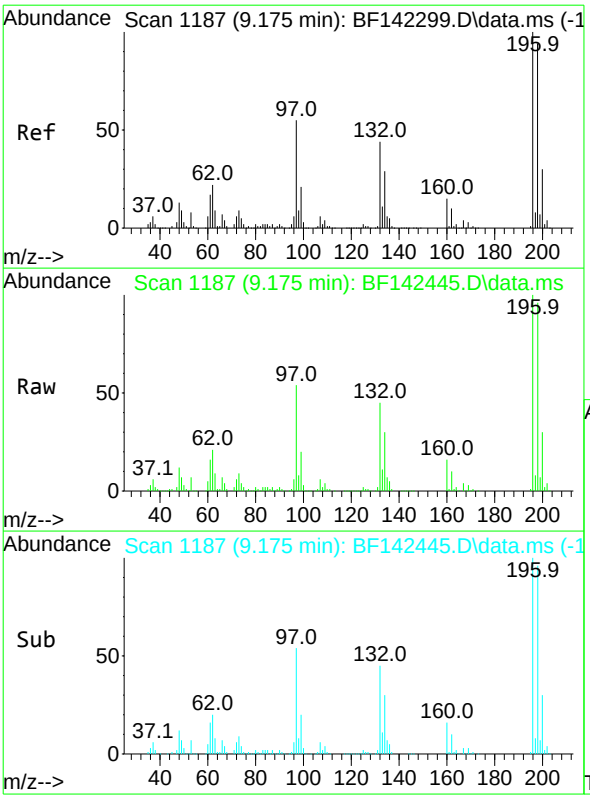


#42
2,4,6-Tribromophenol
Concen: 141.396 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:330 Resp: 401256

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	27.4	24.9	37.3



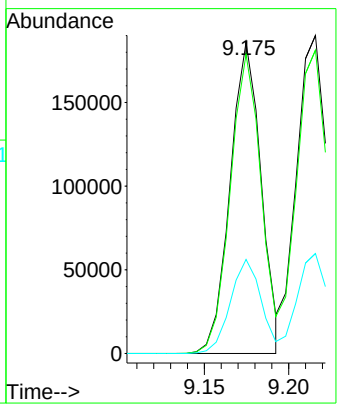


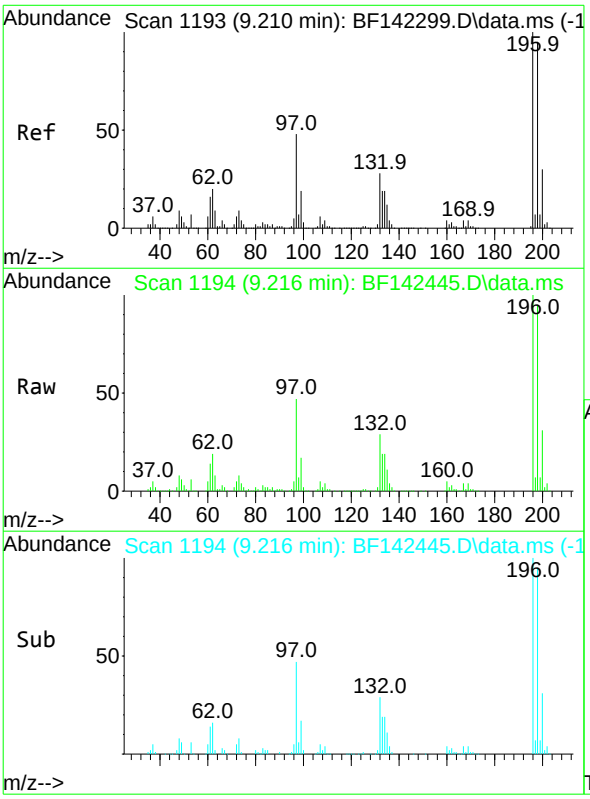
#43
2,4,6-Trichlorophenol
Concen: 45.785 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:196 Resp: 237077

Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.4	113.0
200	30.2	24.3	36.5

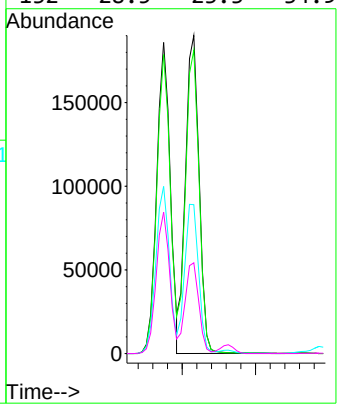


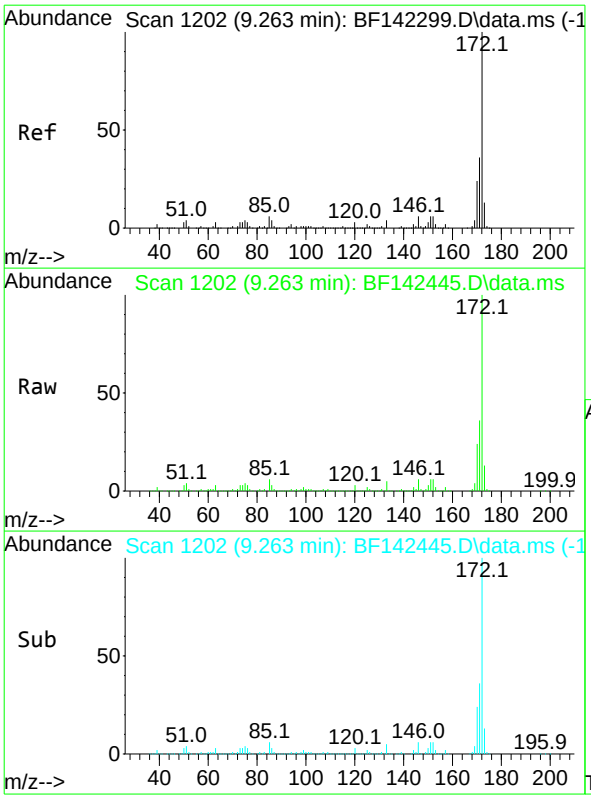


#44
2,4,5-Trichlorophenol
Concen: 44.525 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:196 Resp: 245310

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.1	114.1
97	46.8	39.0	58.4
132	28.5	23.3	34.9



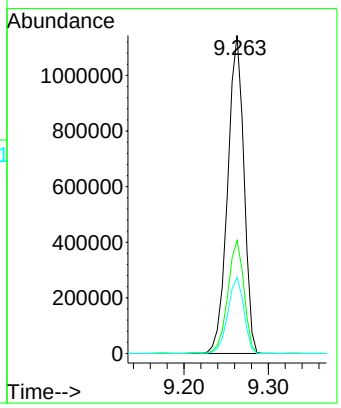


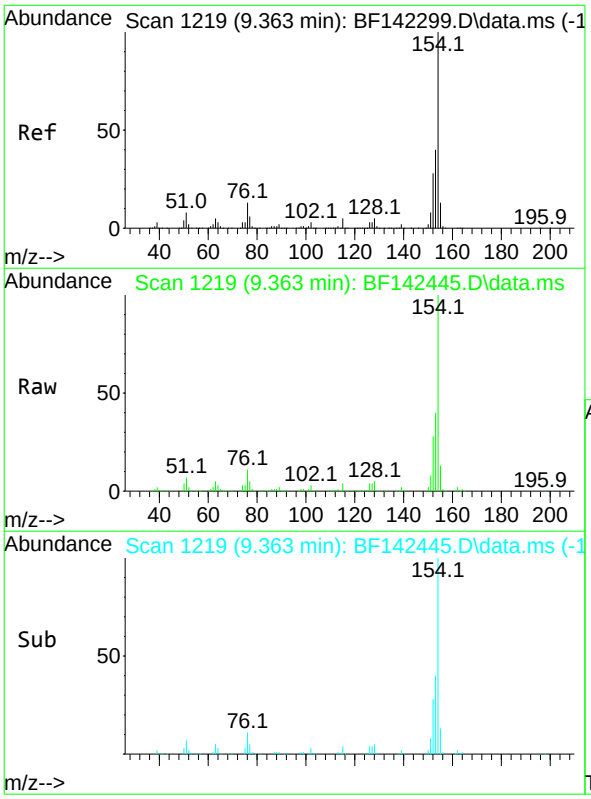
#45
2-Fluorobiphenyl
Concen: 74.217 ng
RT: 9.263 min Scan# 12
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:172 Resp: 1529900

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.9	19.0	28.4

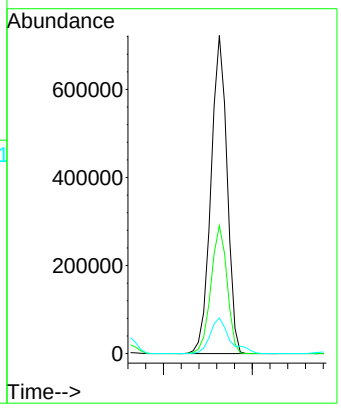


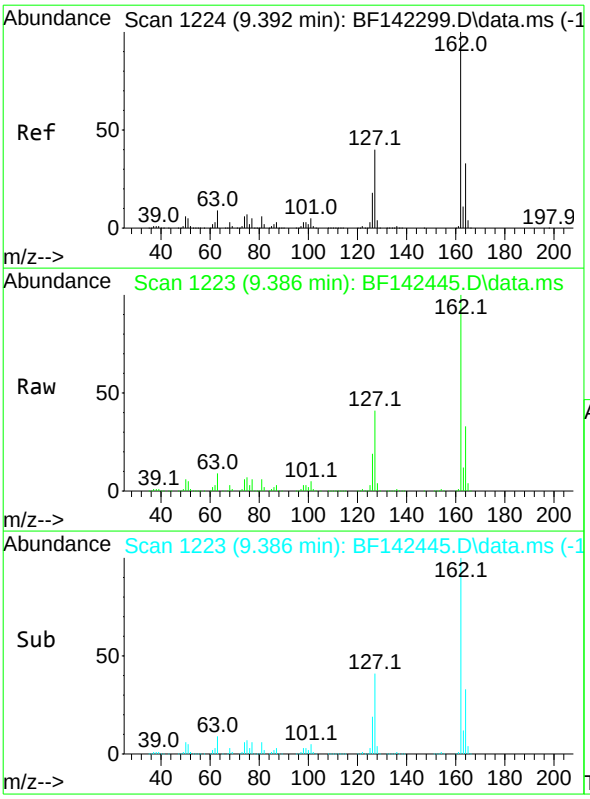


#46
1,1'-Biphenyl
Concen: 40.372 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:154 Resp: 909839

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.5	60.5
76	11.2	0.0	32.8



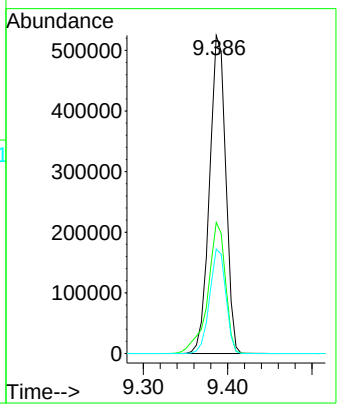


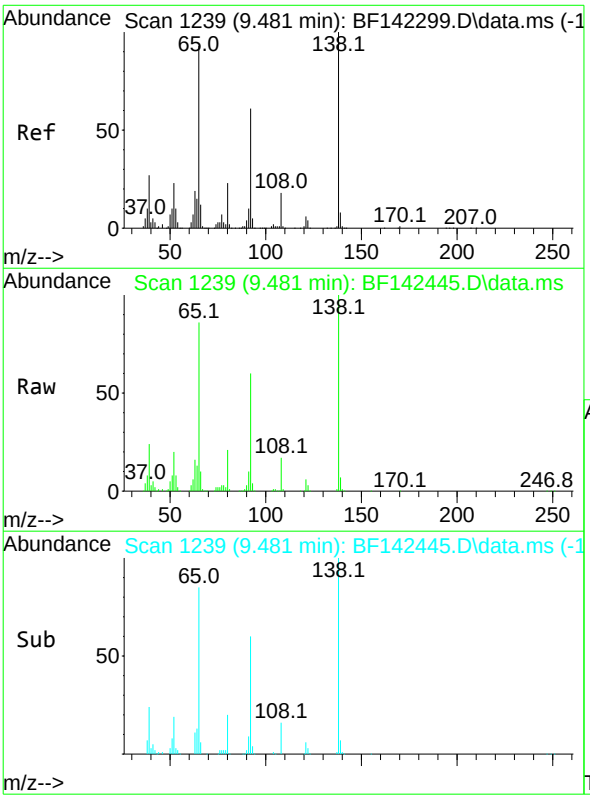
#47
2-Chloronaphthalene
Concen: 41.796 ng
RT: 9.386 min Scan# 12
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:162 Resp: 700494

Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.3	48.5
164	32.9	26.6	40.0

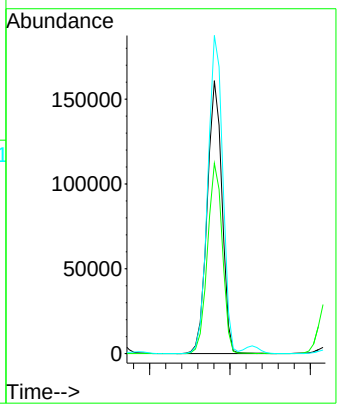


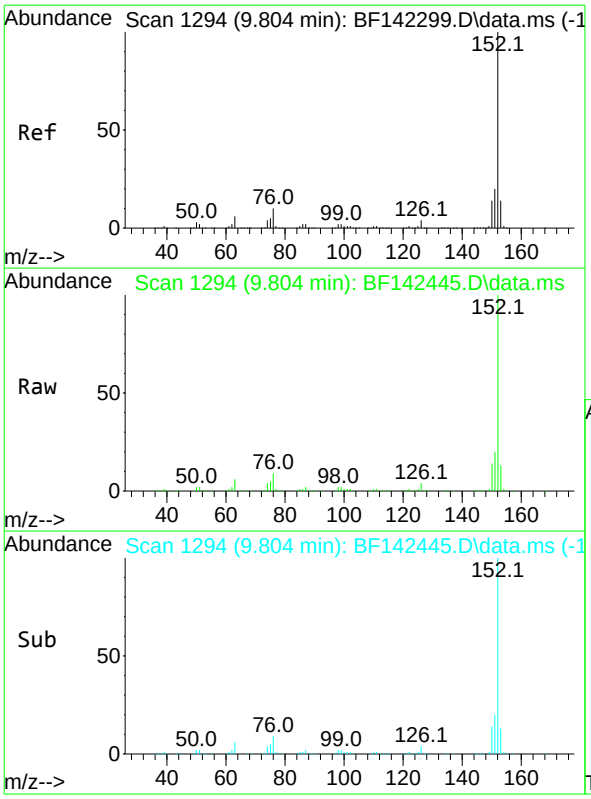


#48
2-Nitroaniline
Concen: 47.943 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion: 65 Resp: 205959

Ion	Ratio	Lower	Upper
65	100		
92	69.7	52.3	78.5
138	116.5	85.6	128.4



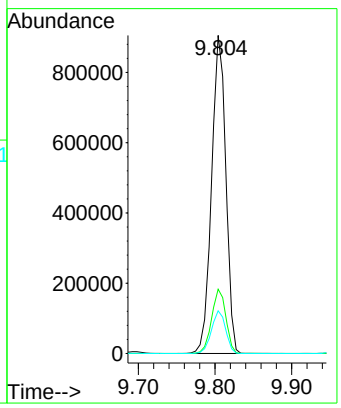


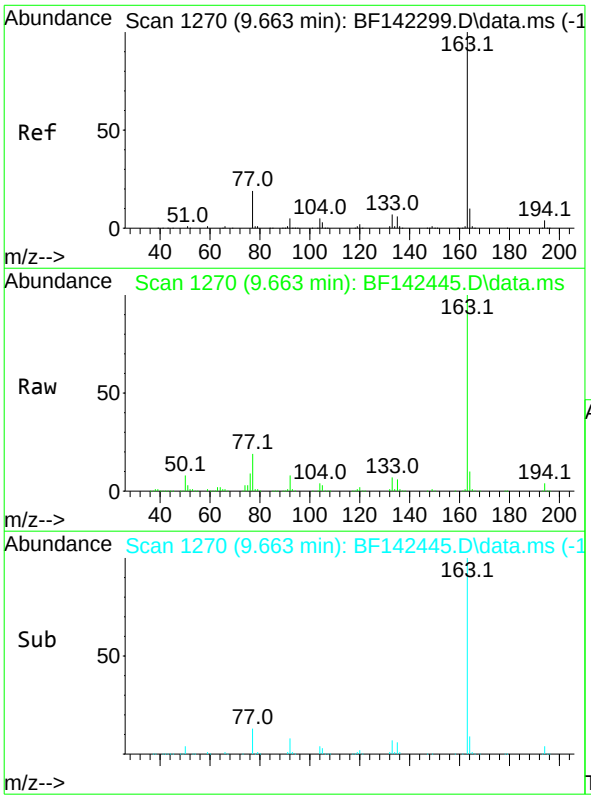
#49
Acenaphthylene
Concen: 41.664 ng
RT: 9.804 min Scan# 12
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:152 Resp: 1168126

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.4	10.8	16.2

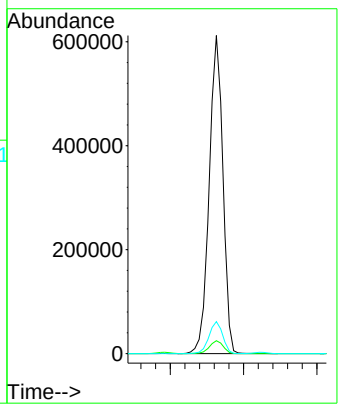


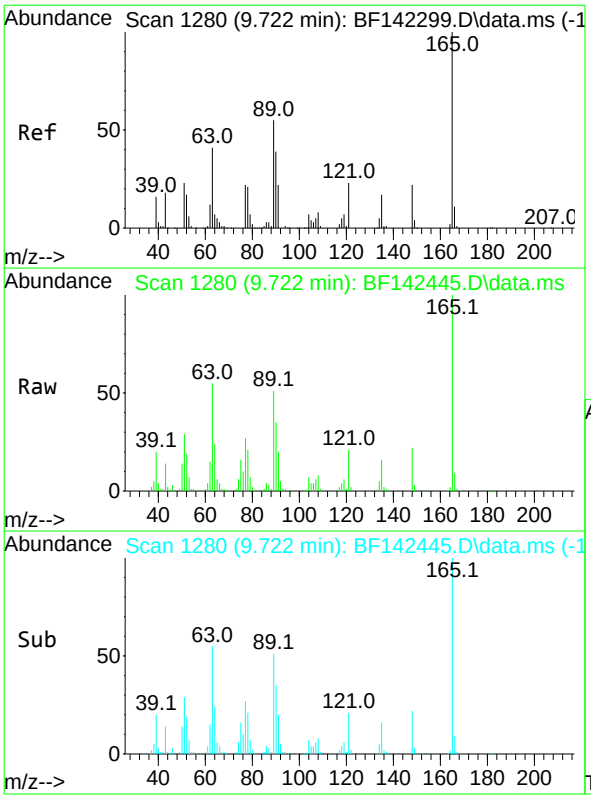


#50
Dimethylphthalate
Concen: 42.143 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:163 Resp: 795395

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.1	8.3	12.5



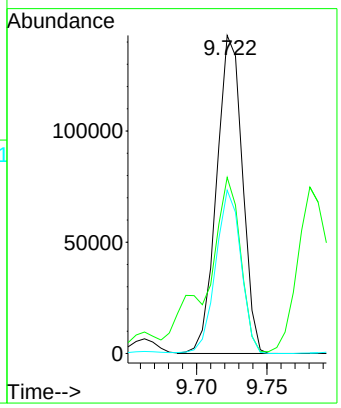


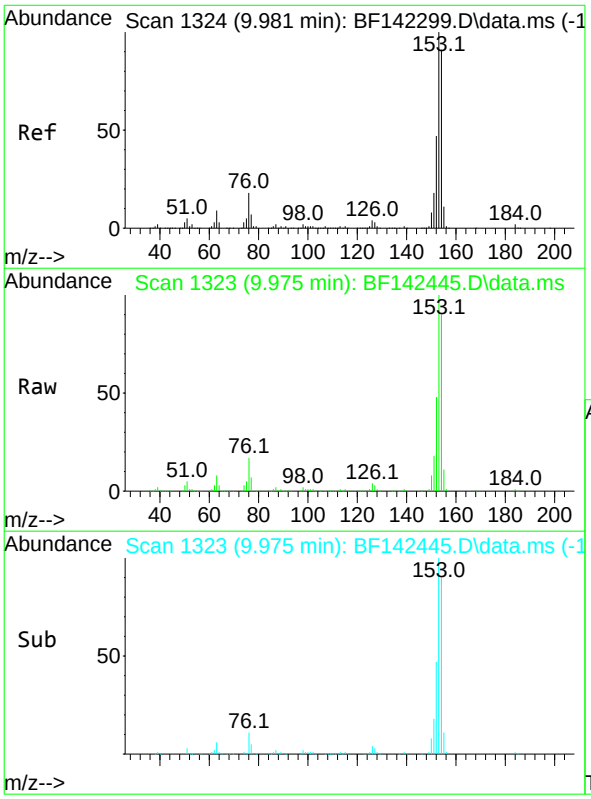
#51
2,6-Dinitrotoluene
Concen: 51.516 ng
RT: 9.722 min Scan# 12
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:165 Resp: 181999

Ion	Ratio	Lower	Upper
165	100		
63	55.4	49.5	74.3
89	51.3	44.6	66.8

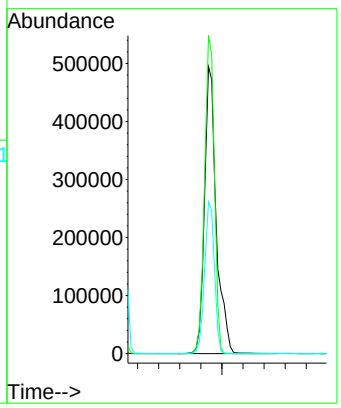


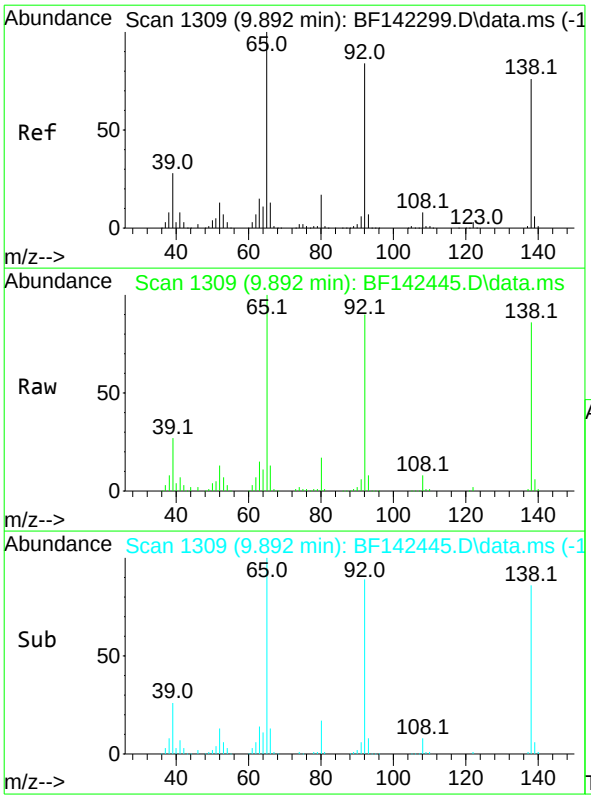


#52
Acenaphthene
Concen: 45.568 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:154 Resp: 768200

Ion	Ratio	Lower	Upper
154	100		
153	110.9	88.0	132.0
152	52.9	41.6	62.4



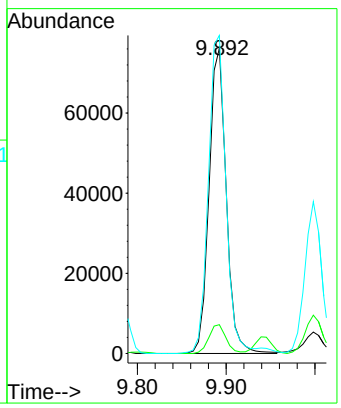


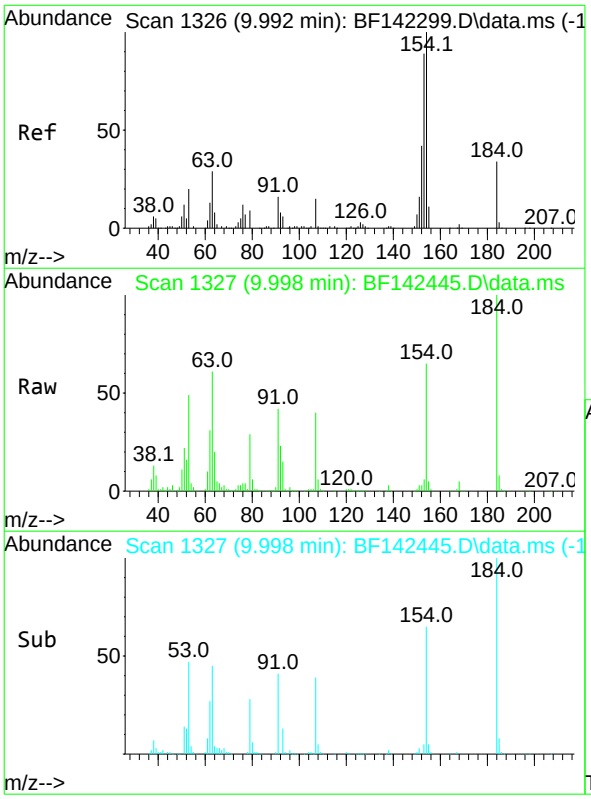
#53
3-Nitroaniline
Concen: 24.713 ng
RT: 9.892 min Scan# 13
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:138 Resp: 102396

Ion	Ratio	Lower	Upper
138	100		
108	9.5	8.7	13.1
92	104.3	89.5	134.3

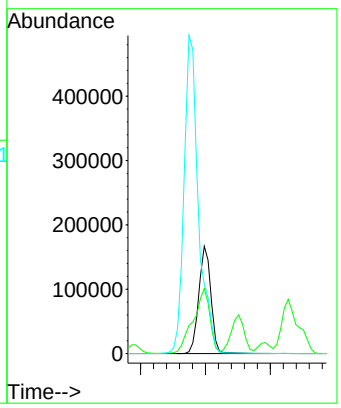


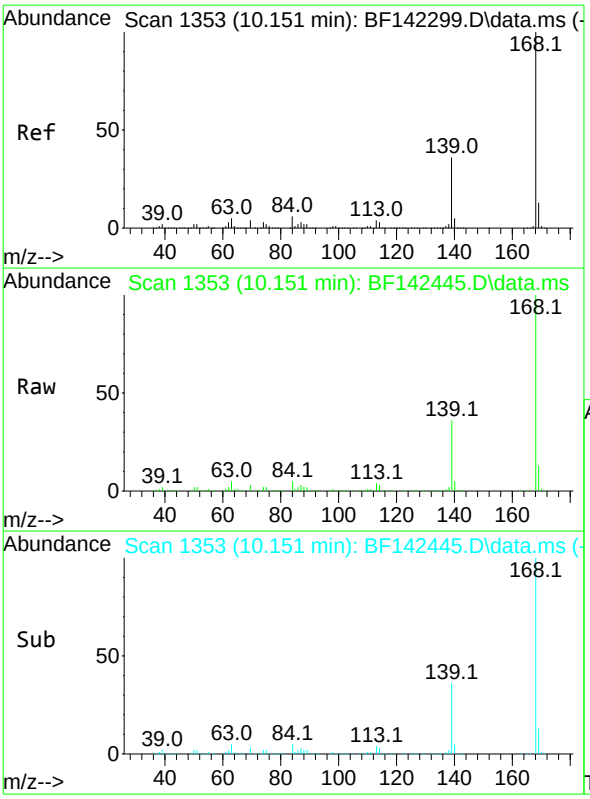


#54
2,4-Dinitrophenol
Concen: 113.861 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:184 Resp: 217075

Ion	Ratio	Lower	Upper
184	100		
63	60.5	70.6	105.8#
154	64.9	257.2	385.8#



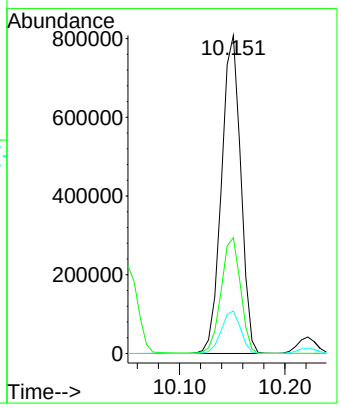


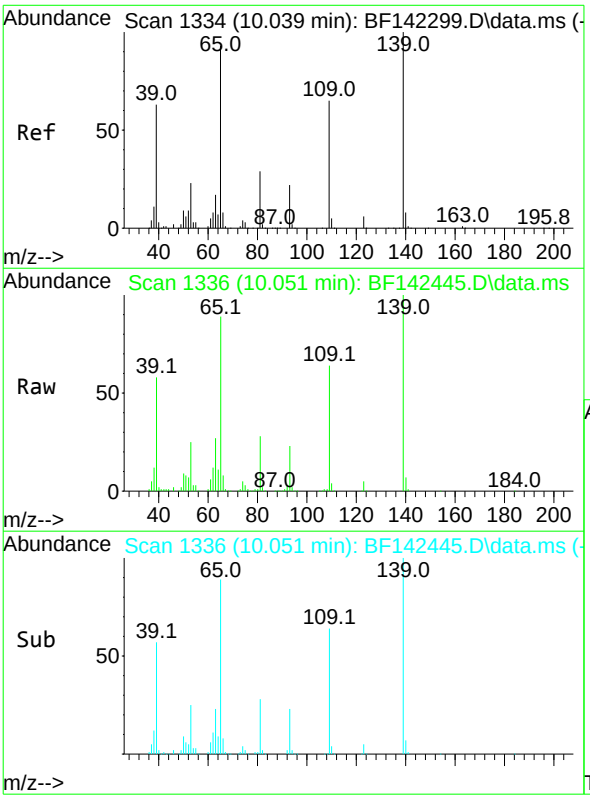
#55
Dibenzofuran
Concen: 41.216 ng
RT: 10.151 min Scan# 13
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:168 Resp: 1025435

Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.0	43.4
169	13.4	10.7	16.1

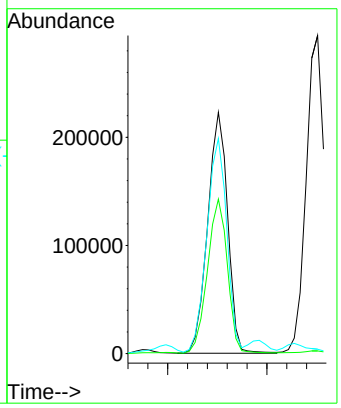


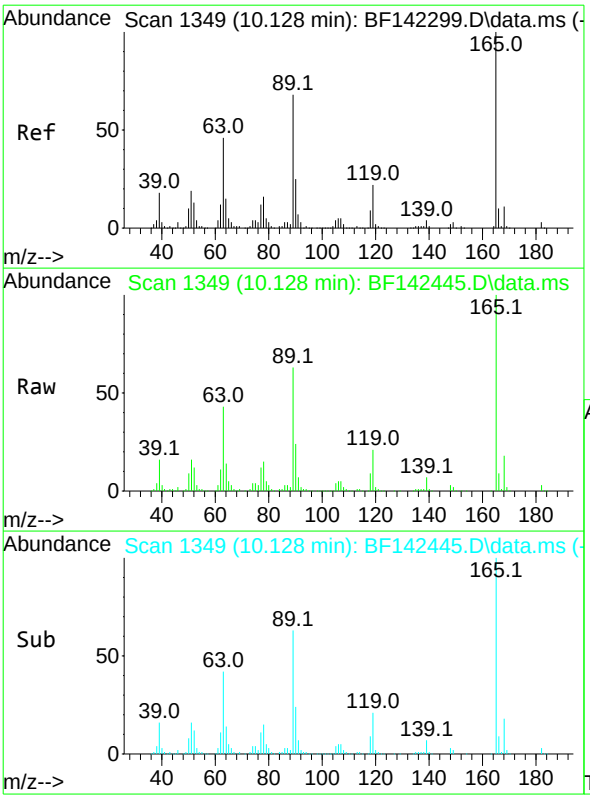


#56
4-Nitrophenol
Concen: 100.218 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:139 Resp: 312516

Ion	Ratio	Lower	Upper
139	100		
109	64.0	45.3	85.3
65	89.1	73.9	113.9



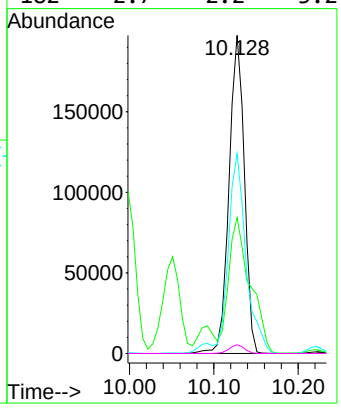


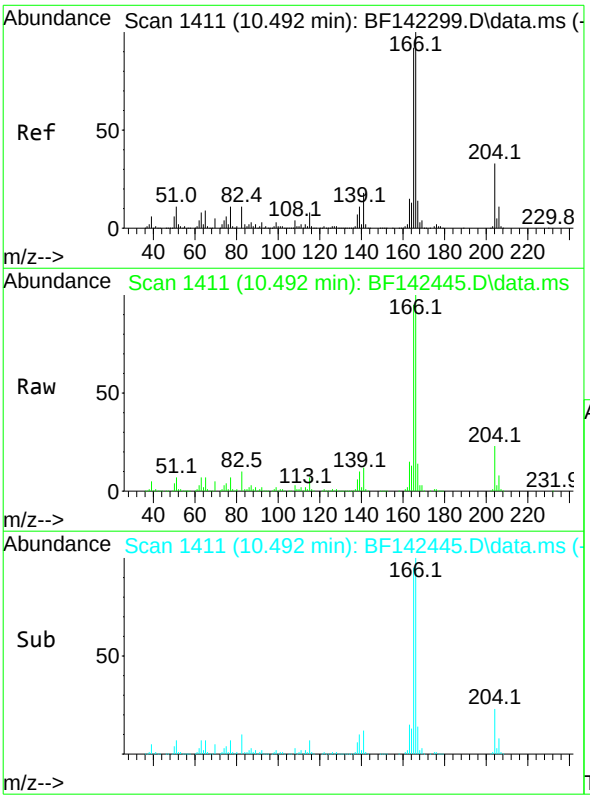
#57
2,4-Dinitrotoluene
Concen: 54.855 ng
RT: 10.128 min Scan# 13
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:165 Resp: 248584

Ion	Ratio	Lower	Upper
165	100		
63	42.7	37.1	55.7
89	62.7	54.4	81.6
182	2.7	2.2	3.2

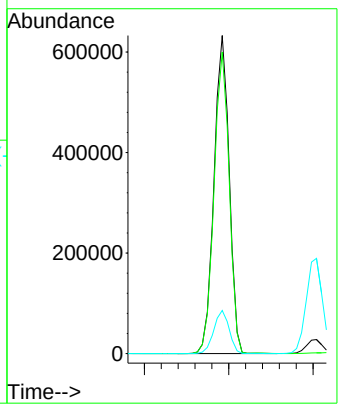


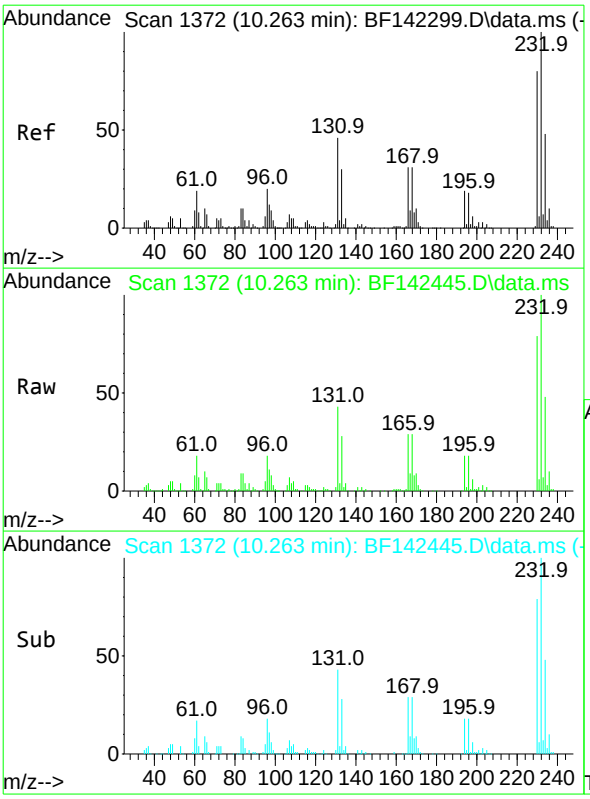


#58
Fluorene
Concen: 41.657 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:166 Resp: 790954

Ion	Ratio	Lower	Upper
166	100		
165	94.8	74.0	111.0
167	13.6	10.9	16.3



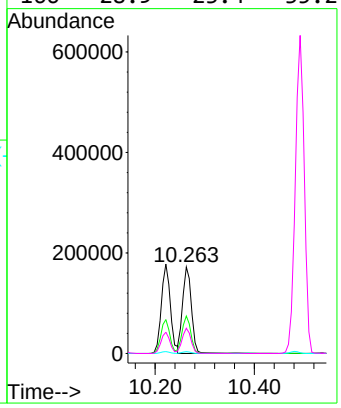


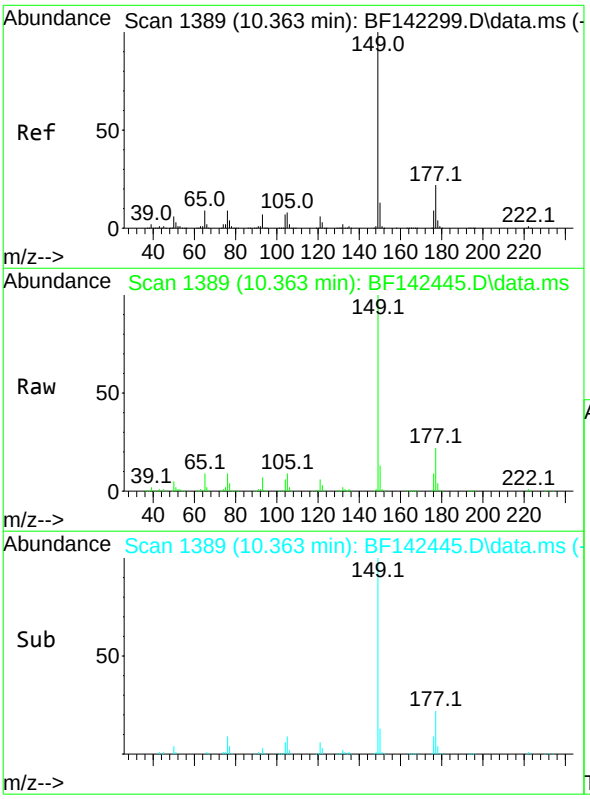
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.955 ng
RT: 10.263 min Scan# 13
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:232 Resp: 213557

Ion	Ratio	Lower	Upper
232	100		
131	43.5	36.0	54.0
130	2.1	1.8	2.6
166	28.9	23.4	35.2

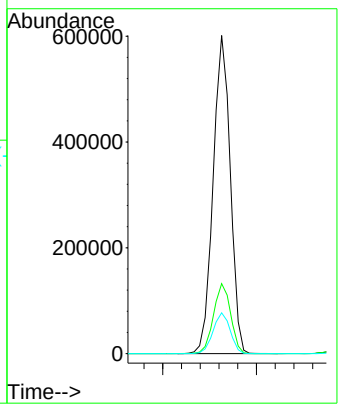


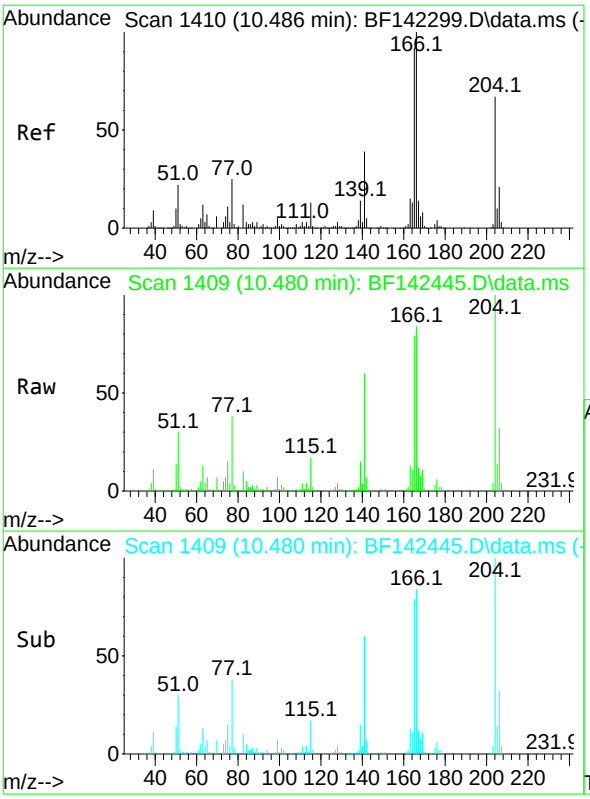


#60
Diethylphthalate
Concen: 40.529 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:149 Resp: 763904

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.8	10.1	15.1



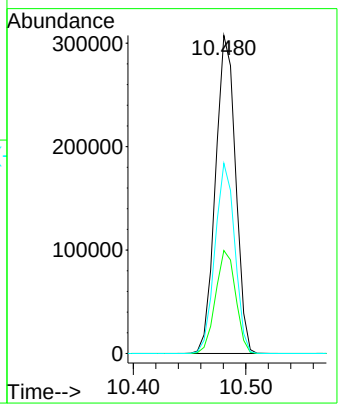


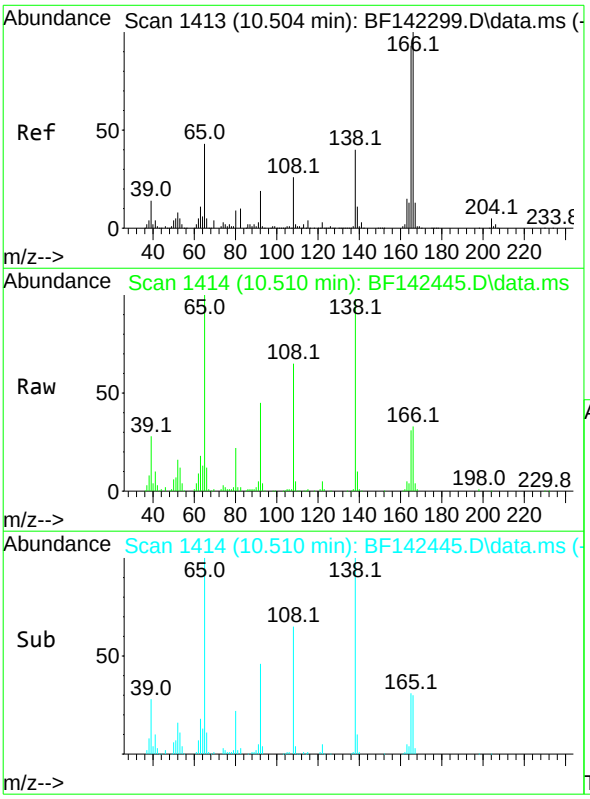
#61
4-Chlorophenyl-phenylether
Concen: 41.661 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:204 Resp: 381635

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.5	38.3
141	59.8	46.4	69.6

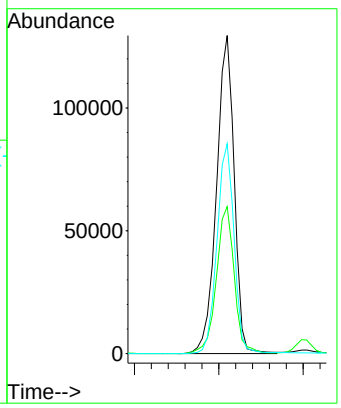


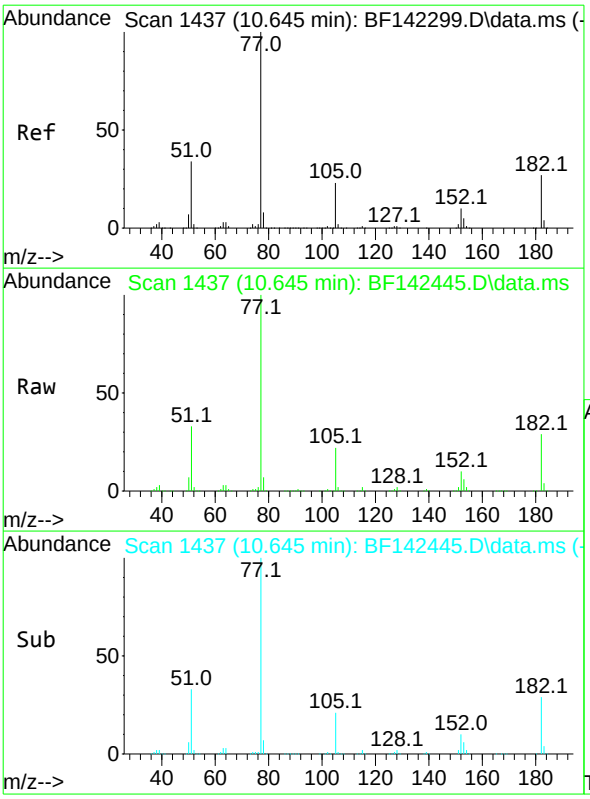


#62
4-Nitroaniline
Concen: 57.405 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:138 Resp: 188512

Ion	Ratio	Lower	Upper
138	100		
92	46.2	27.3	67.3
108	66.0	45.1	85.1



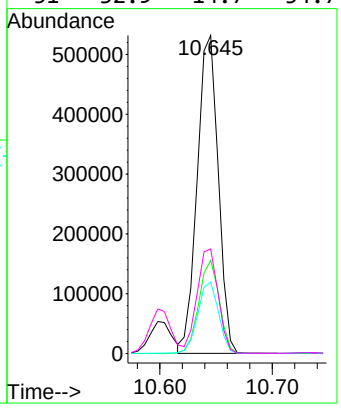


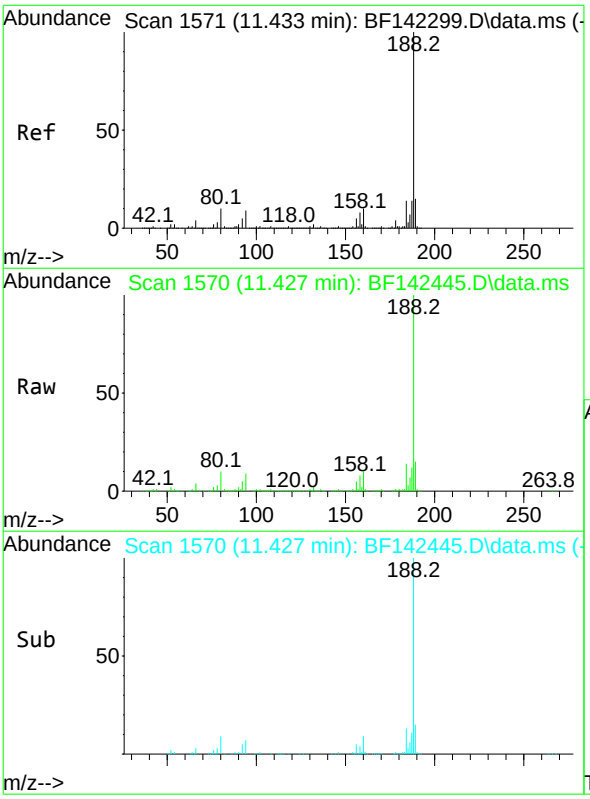
#63
Azobenzene
Concen: 38.387 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion: 77 Resp: 691397

Ion	Ratio	Lower	Upper
77	100		
182	29.3	6.9	46.9
105	22.5	2.7	42.7
51	32.9	14.7	54.7

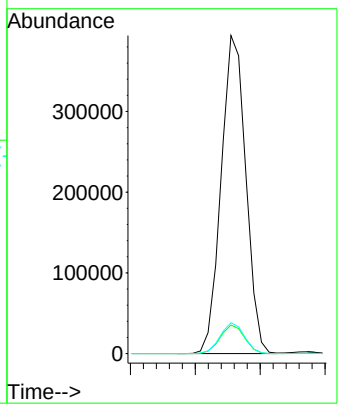


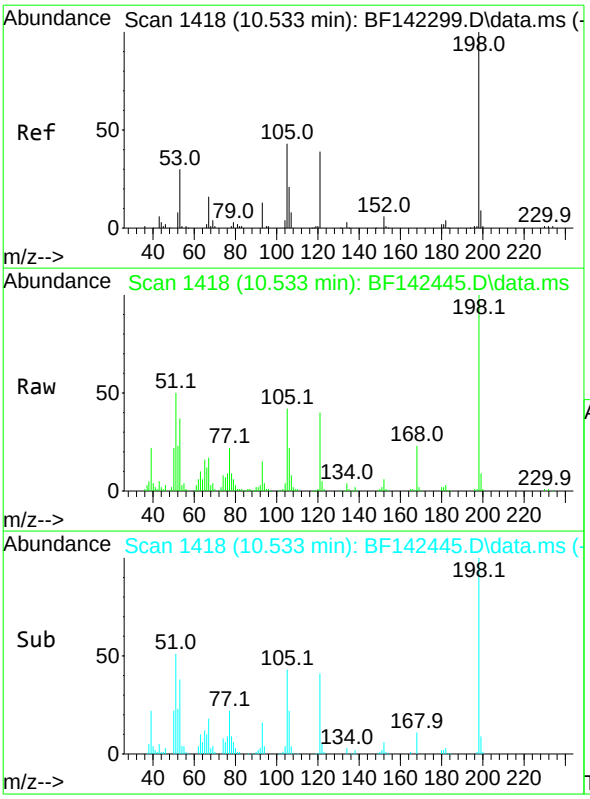


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:188 Resp: 520931

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	9.7	7.9	11.9



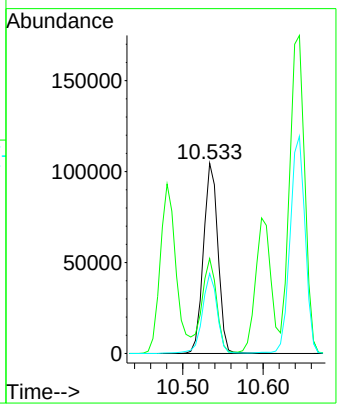


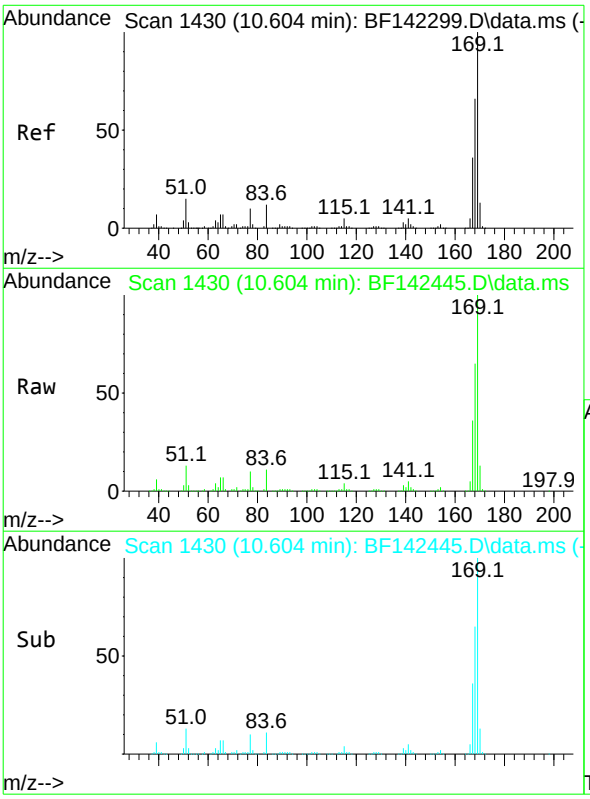
#65
4,6-Dinitro-2-methylphenol
Concen: 53.139 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:198 Resp: 131234

Ion	Ratio	Lower	Upper
198	100		
51	49.9	32.9	72.9
105	42.0	23.7	63.7

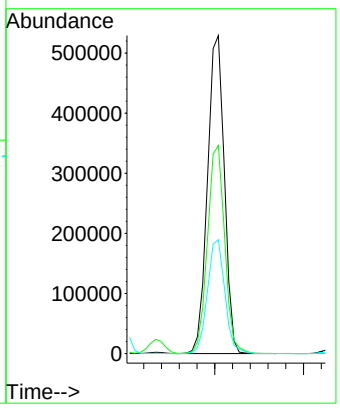


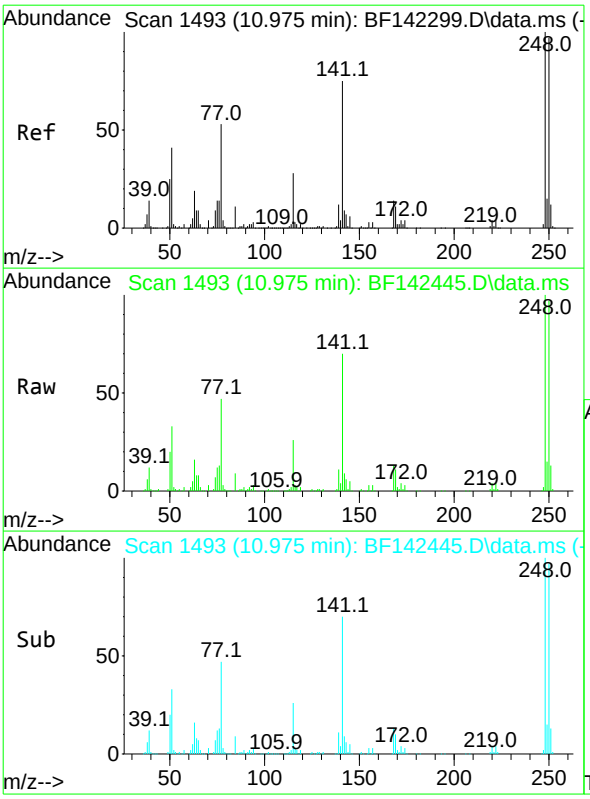


#66
n-Nitrosodiphenylamine
Concen: 40.244 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:169 Resp: 697620

Ion	Ratio	Lower	Upper
169	100		
168	65.5	53.2	79.8
167	35.8	28.9	43.3



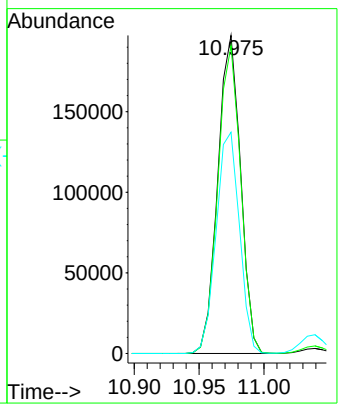


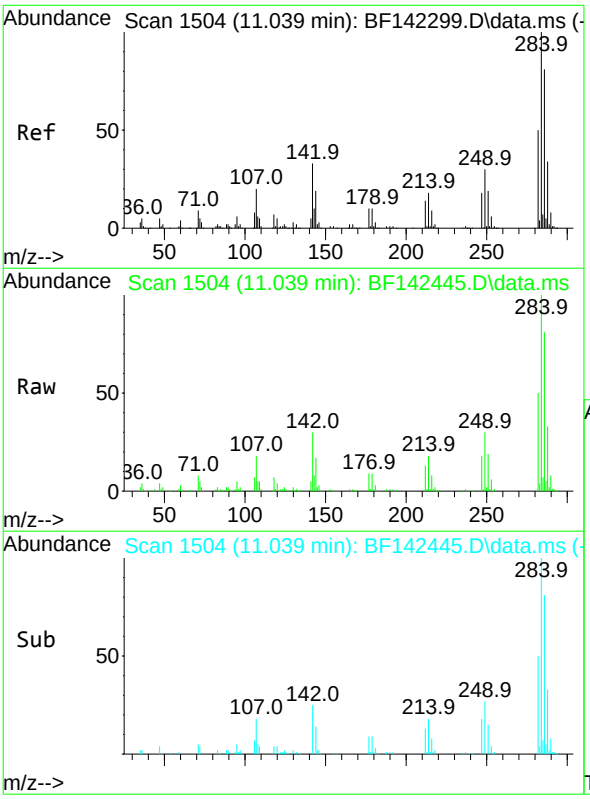
#67
4-Bromophenyl-phenylether
Concen: 40.829 ng
RT: 10.975 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:248 Resp: 241048

Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.9	116.9
141	69.6	59.8	89.8

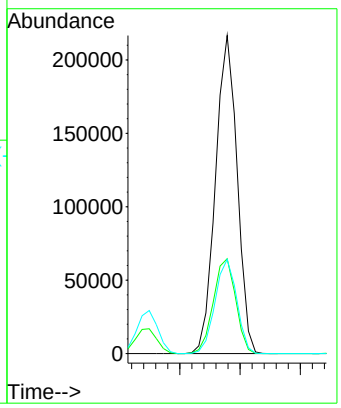


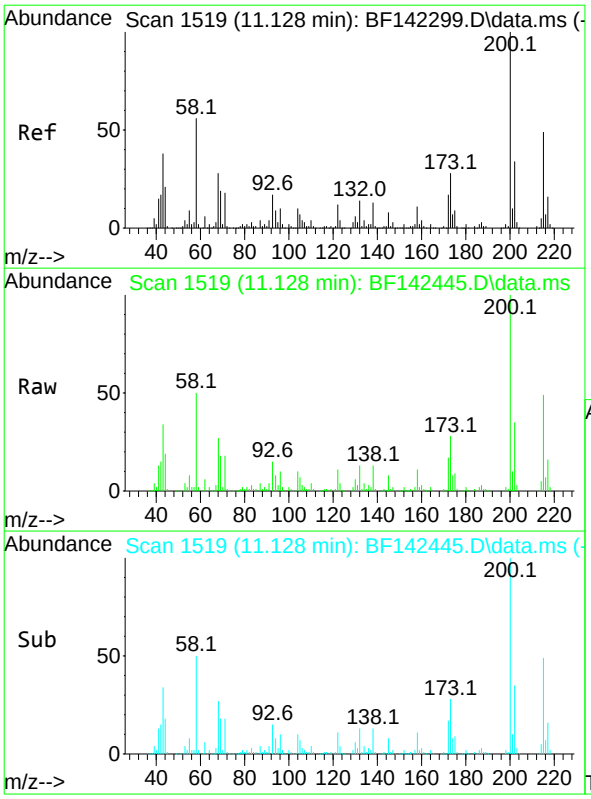


#68
Hexachlorobenzene
Concen: 41.655 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:284 Resp: 270515

Ion	Ratio	Lower	Upper
284	100		
142	29.8	26.6	39.8
249	29.6	24.1	36.1



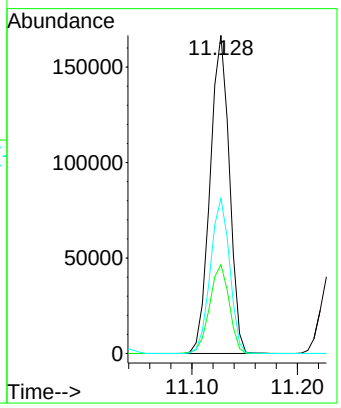


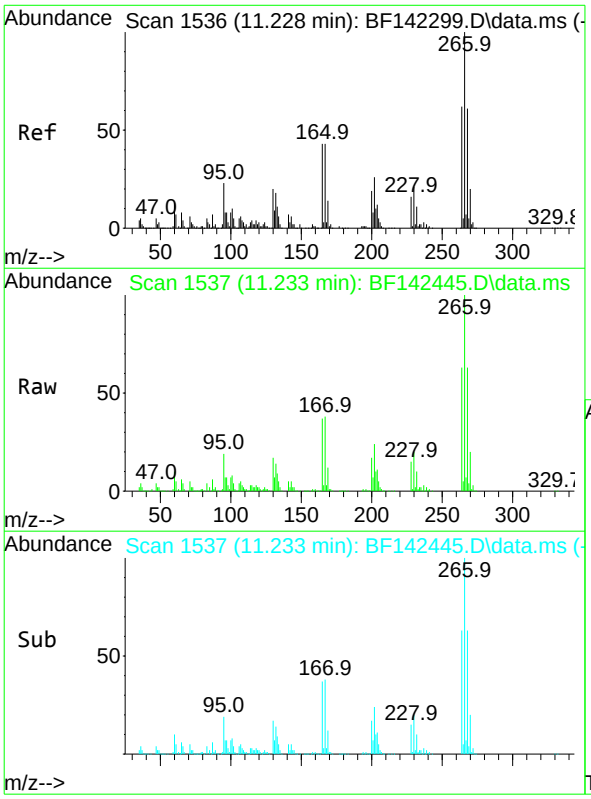
#69
Atrazine
Concen: 46.397 ng
RT: 11.128 min Scan# 15
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:200 Resp: 212006

Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.1	48.1
215	48.7	28.8	68.8

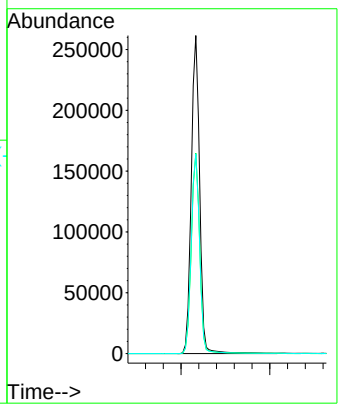


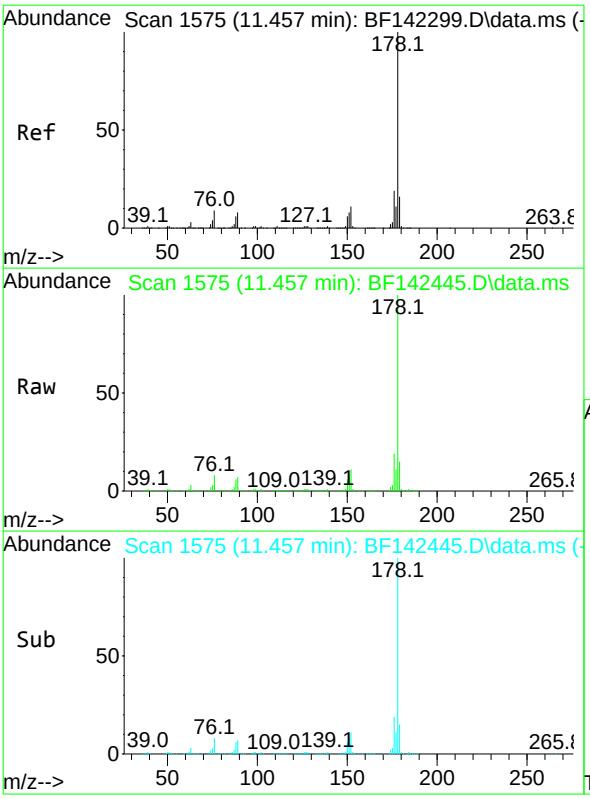


#70
Pentachlorophenol
Concen: 100.557 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:266 Resp: 343543

Ion	Ratio	Lower	Upper
266	100		
268	63.0	48.7	73.1
264	62.8	49.8	74.6



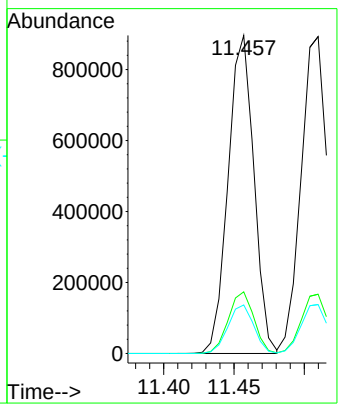


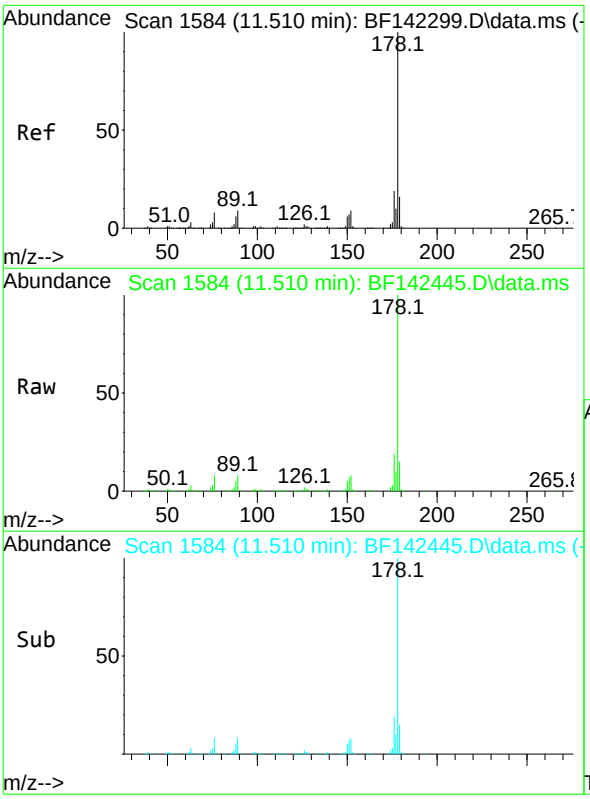
#71
Phenanthrene
Concen: 41.887 ng
RT: 11.457 min Scan# 15
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:178 Resp: 1143757

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.3	12.6	18.8

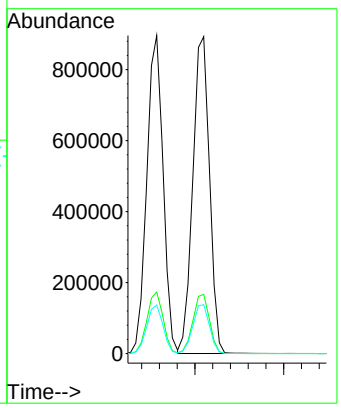


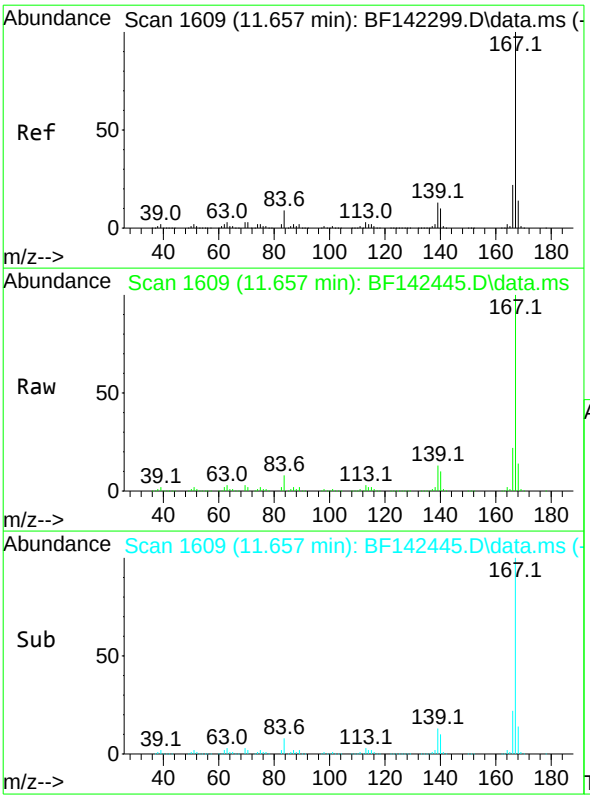


#72
Anthracene
Concen: 41.580 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:178 Resp: 1166616

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.4	12.6	18.8



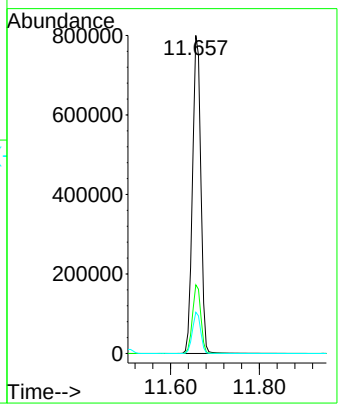


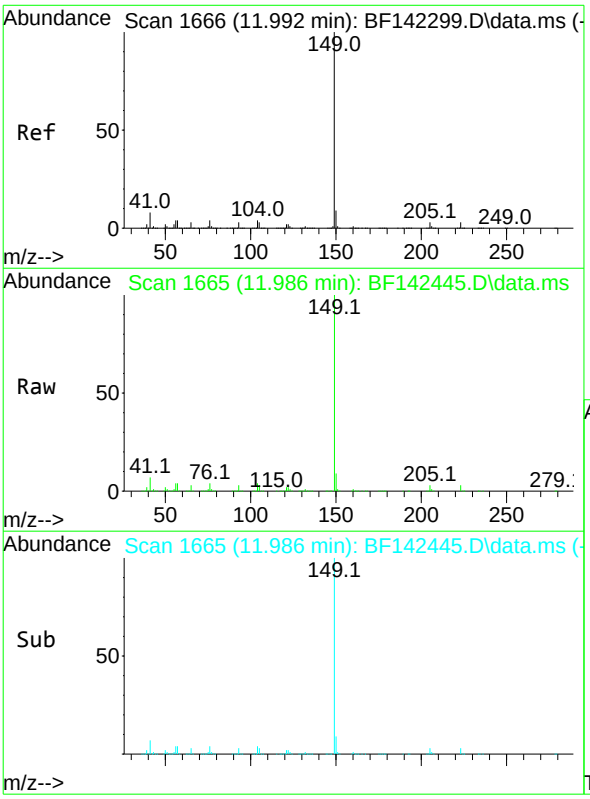
#73
Carbazole
Concen: 41.272 ng
RT: 11.657 min Scan# 16
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:167 Resp: 1038886

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.0	10.3	15.5

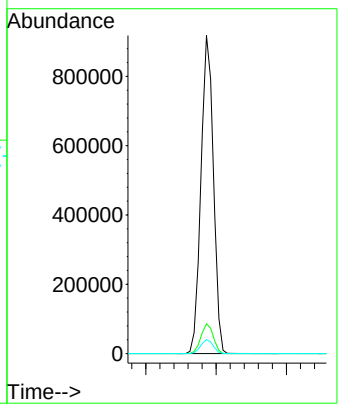


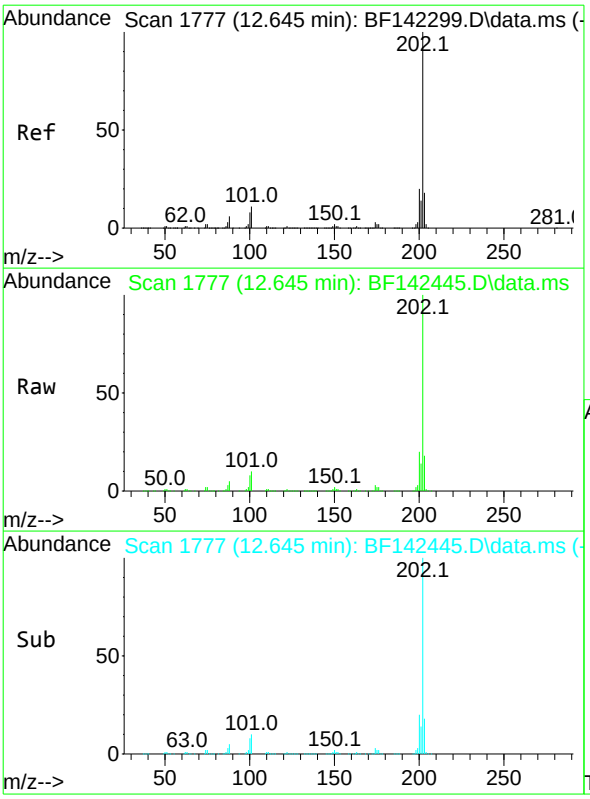


#74
Di-n-butylphthalate
Concen: 42.607 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:149 Resp: 1127755

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.4	3.6	5.4



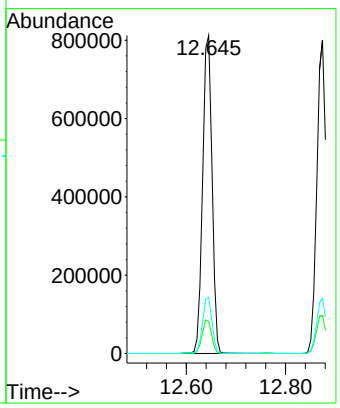


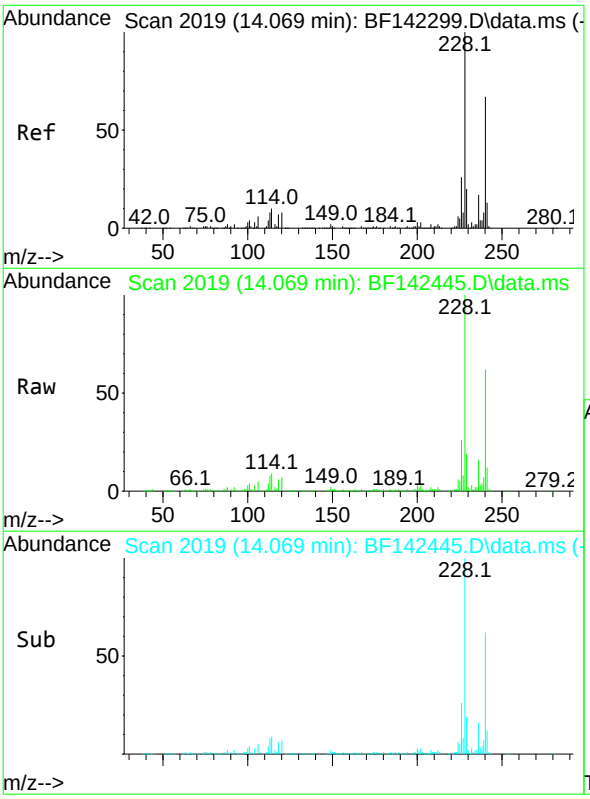
#75
Fluoranthene
Concen: 39.290 ng
RT: 12.645 min Scan# 17
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:202 Resp: 1072447

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.4
203	17.6	0.0	37.9

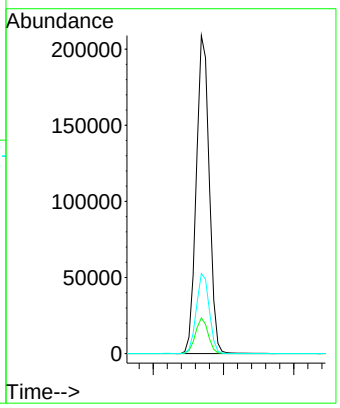


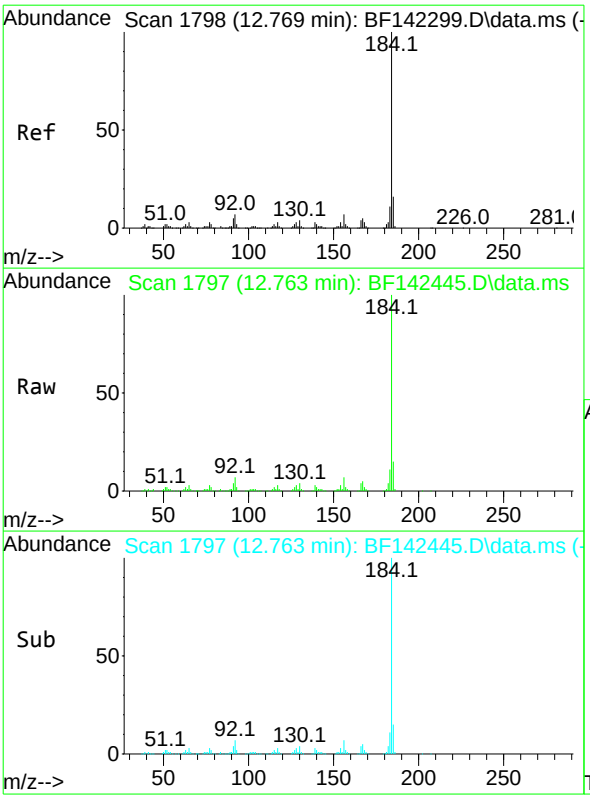


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:240 Resp: 267148

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.7	14.5
236	25.2	20.0	30.0



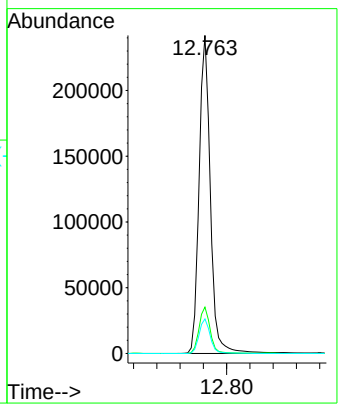


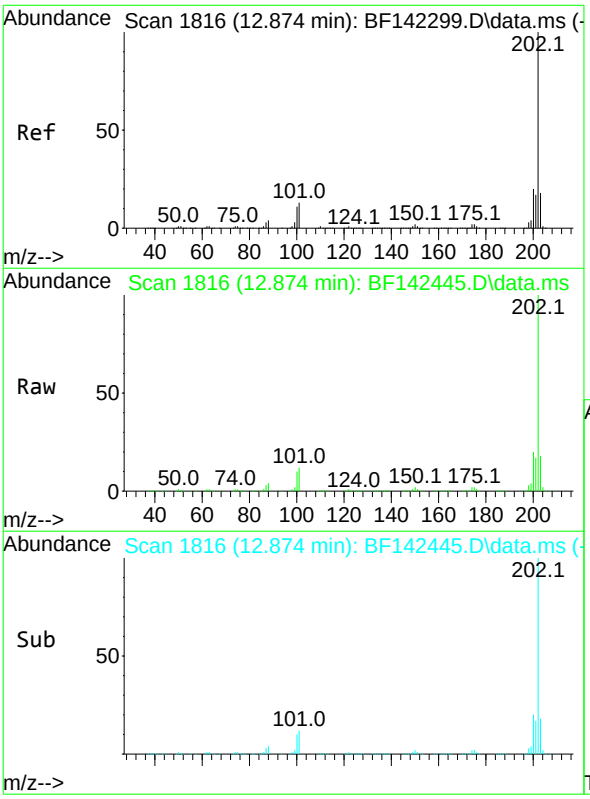
#77
Benzidine
Concen: 66.883 ng
RT: 12.763 min Scan# 17
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:184 Resp: 324707

Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	18.8
183	10.9	8.6	12.8

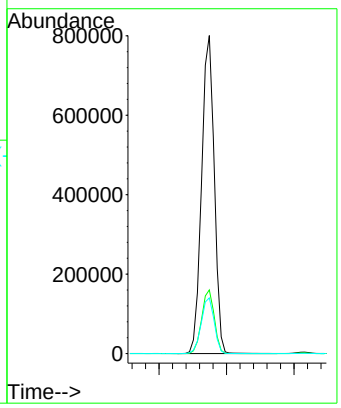


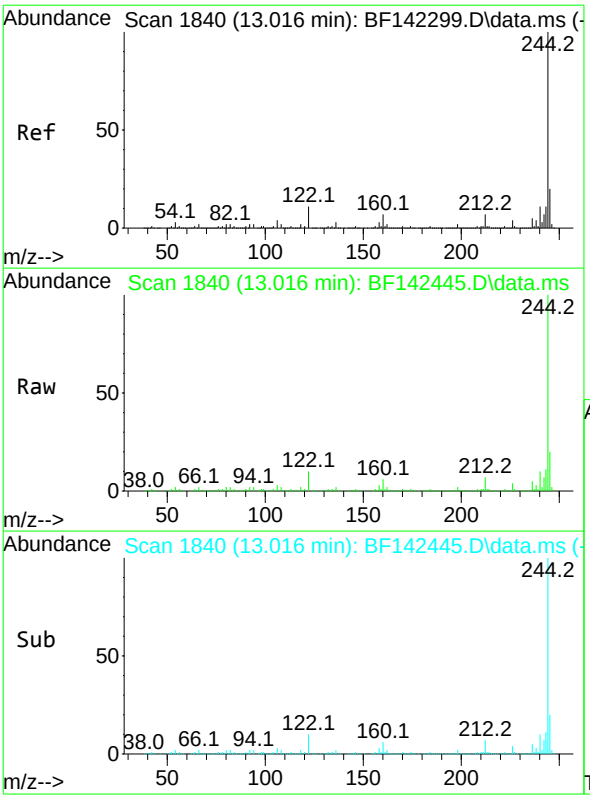


#78
Pyrene
Concen: 43.832 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:202 Resp: 1042270

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.2	24.4
203	17.5	14.3	21.5



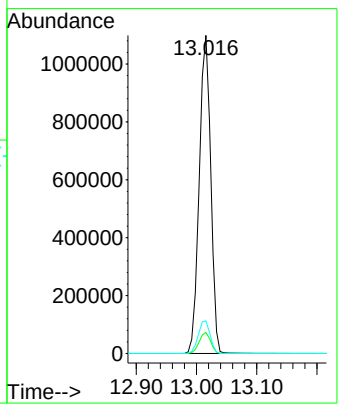


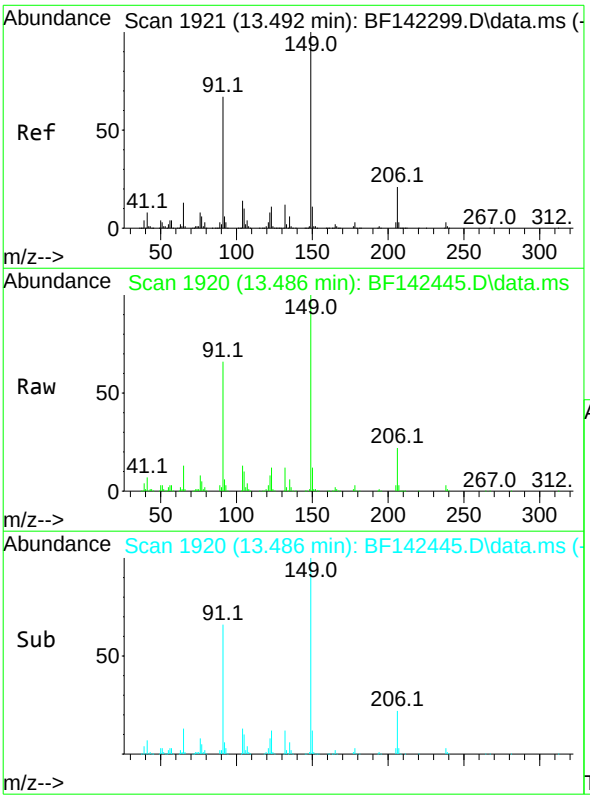
#79
Terphenyl-d14
Concen: 80.596 ng
RT: 13.016 min Scan# 18
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:244 Resp: 1454705

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.2	9.0	13.4

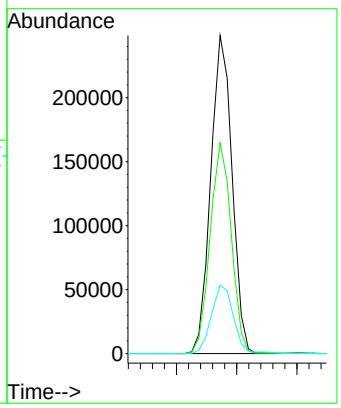


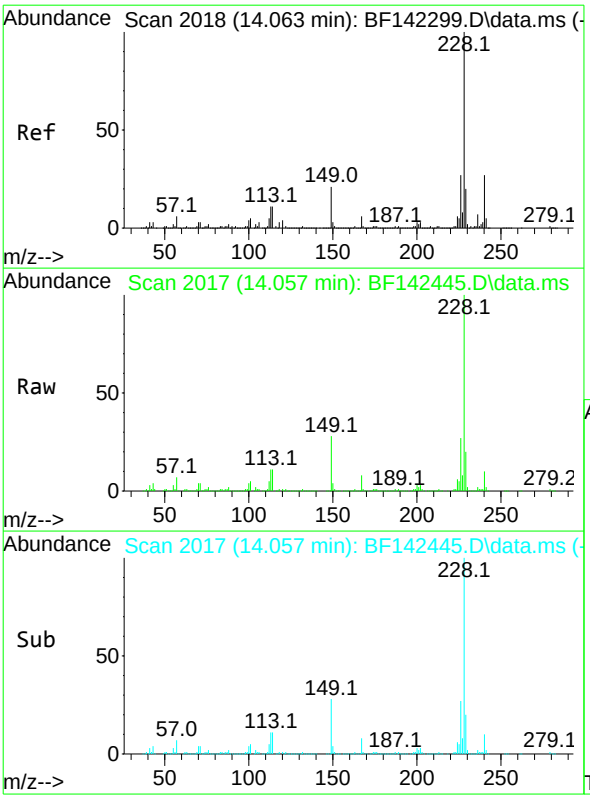


#80
Butylbenzylphthalate
Concen: 44.436 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:149 Resp: 306321

Ion	Ratio	Lower	Upper
149	100		
91	66.2	53.8	80.6
206	21.5	16.6	24.8



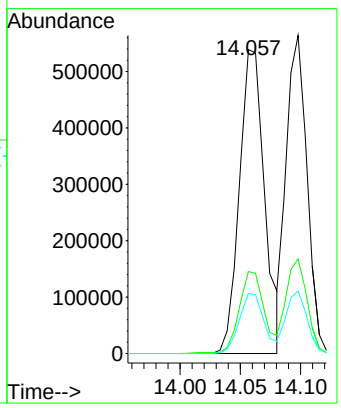


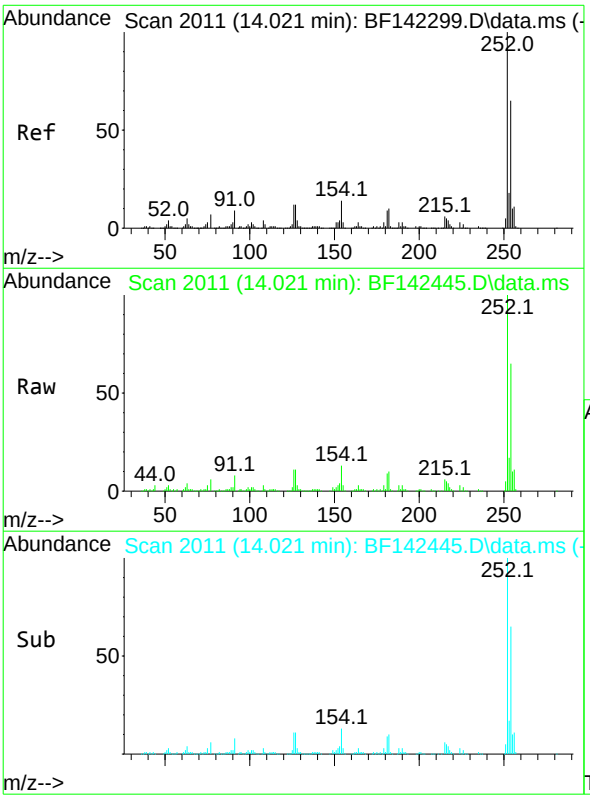
#81
Benzo(a)anthracene
Concen: 45.222 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:228 Resp: 782375

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	19.8	15.9	23.9

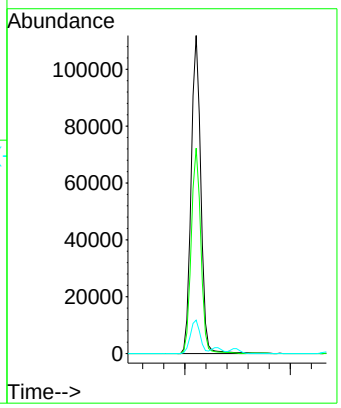


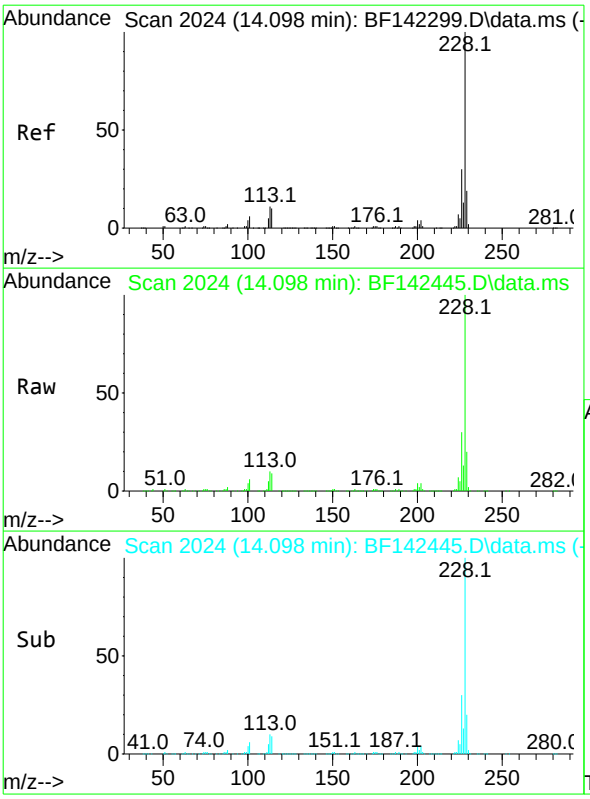


#82
3,3'-Dichlorobenzidine
Concen: 35.507 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:252 Resp: 142856

Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.0	78.0
126	10.5	9.7	14.5



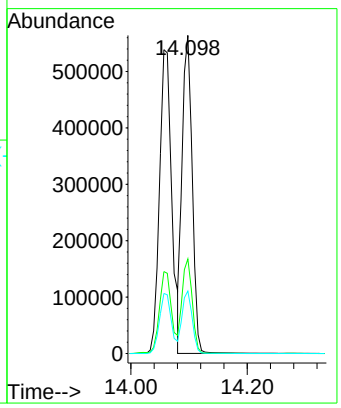


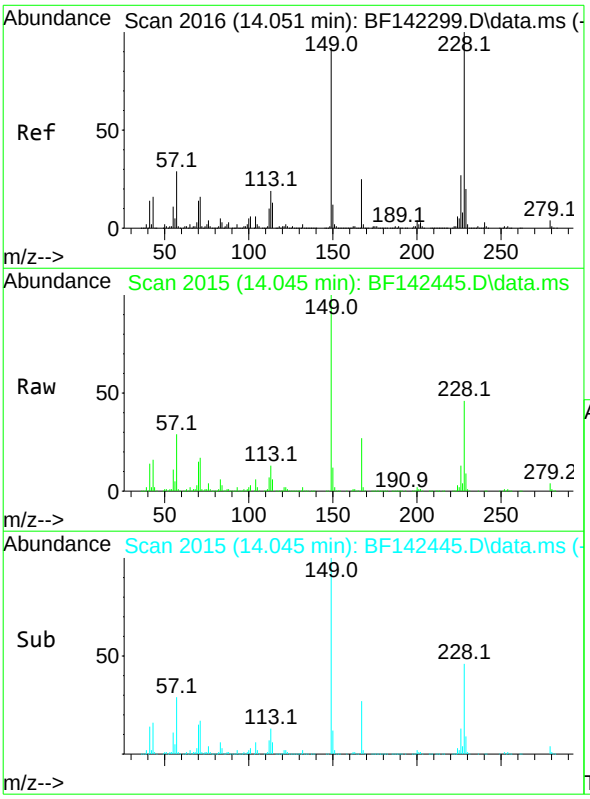
#83
Chrysene
Concen: 42.263 ng
RT: 14.098 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:228 Resp: 680676

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.6	15.4	23.2

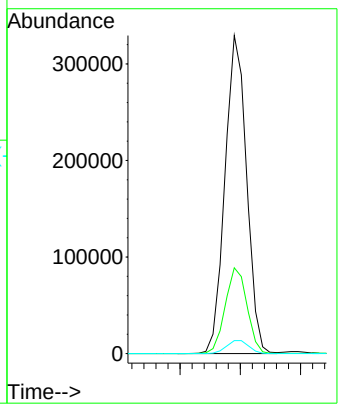


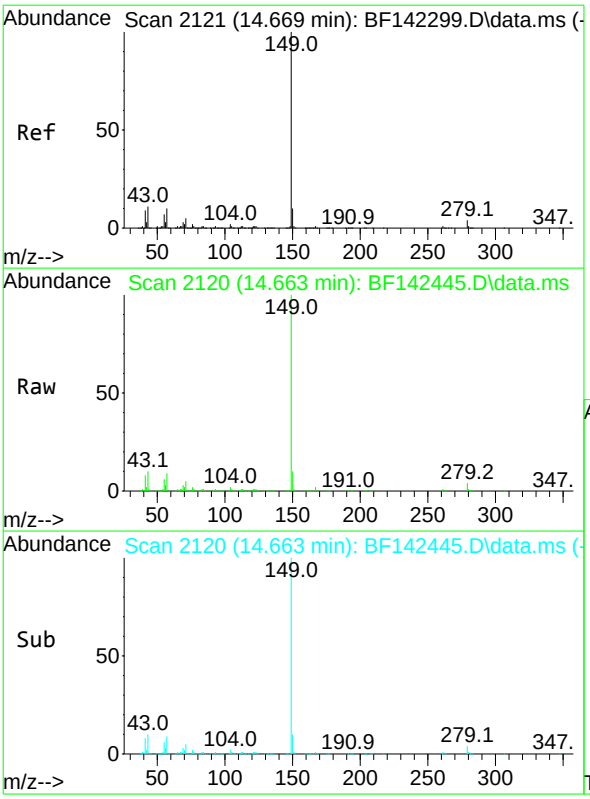


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.680 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:149 Resp: 410785

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.0	33.0
279	4.1	3.0	4.6



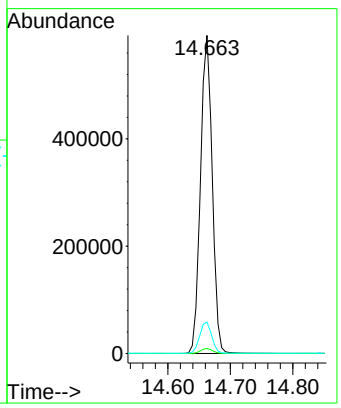


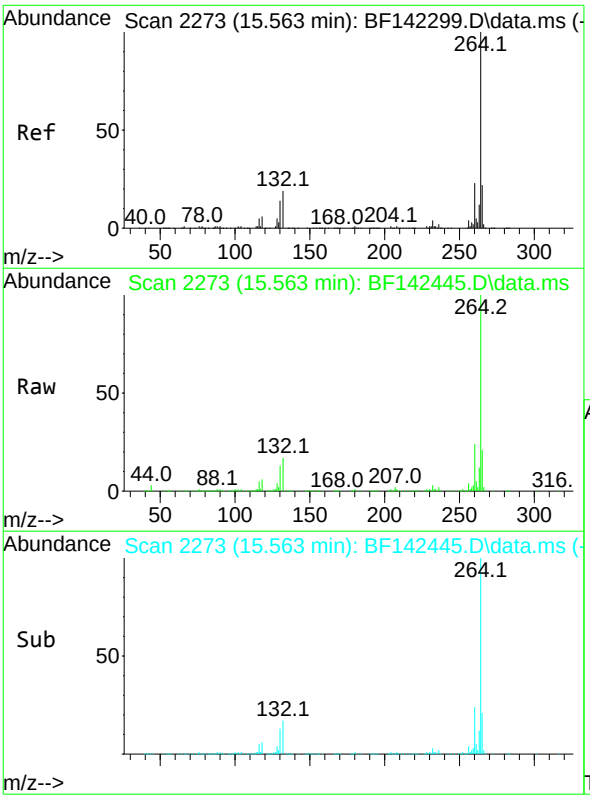
#85
Di-n-octyl phthalate
Concen: 47.489 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:149 Resp: 772141

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.1	9.2	13.8

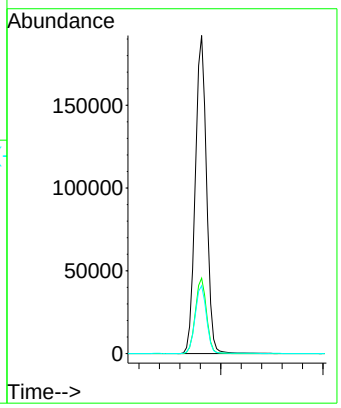


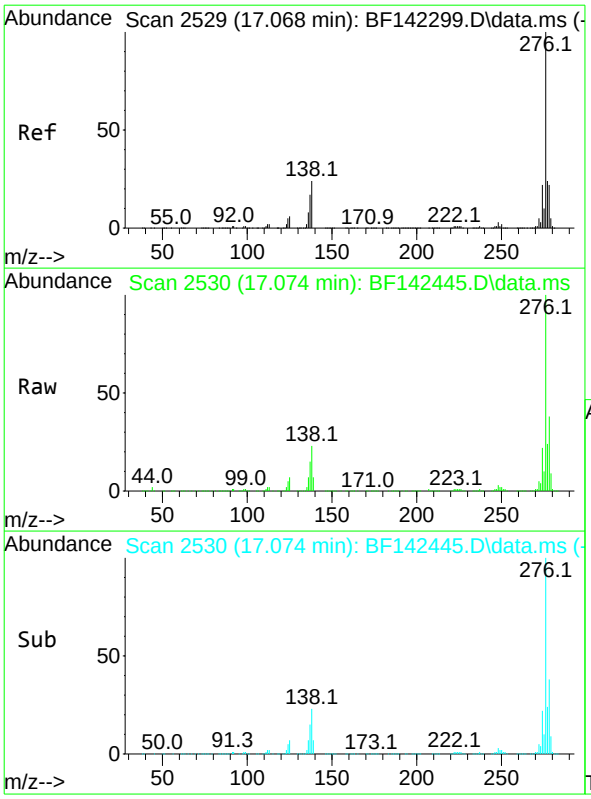


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:264 Resp: 292683

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.3	17.5	26.3



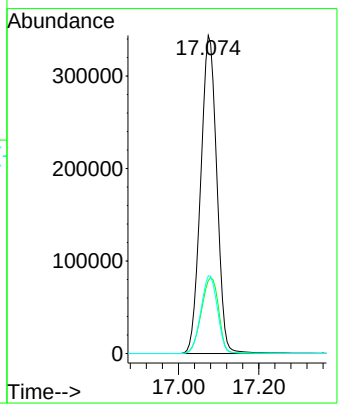


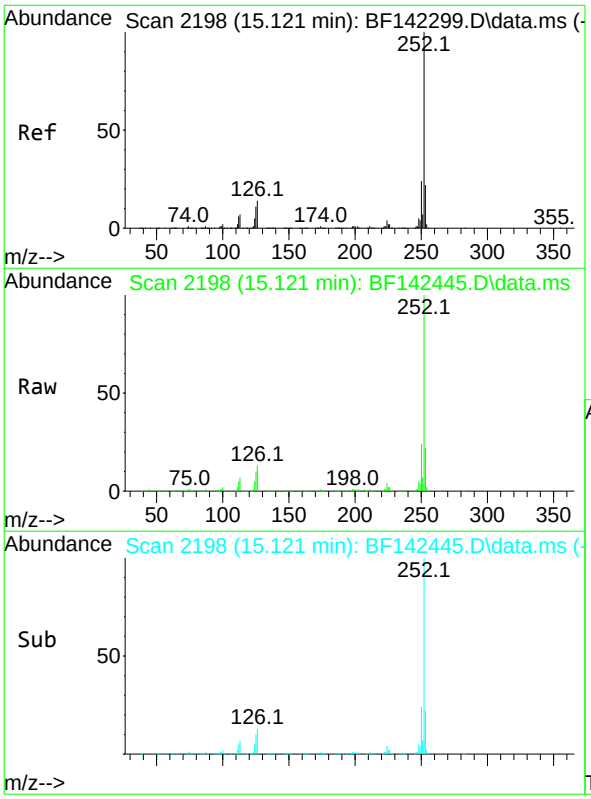
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.998 ng
RT: 17.074 min Scan# 25
Delta R.T. 0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:276 Resp: 956870

Ion	Ratio	Lower	Upper
276	100		
138	25.6	22.0	33.0
277	25.3	20.1	30.1

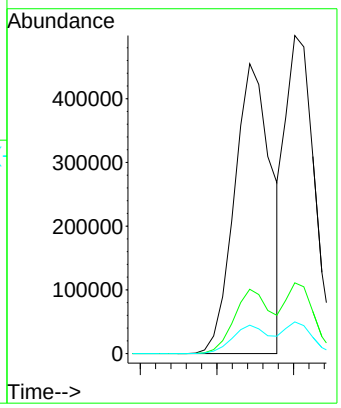


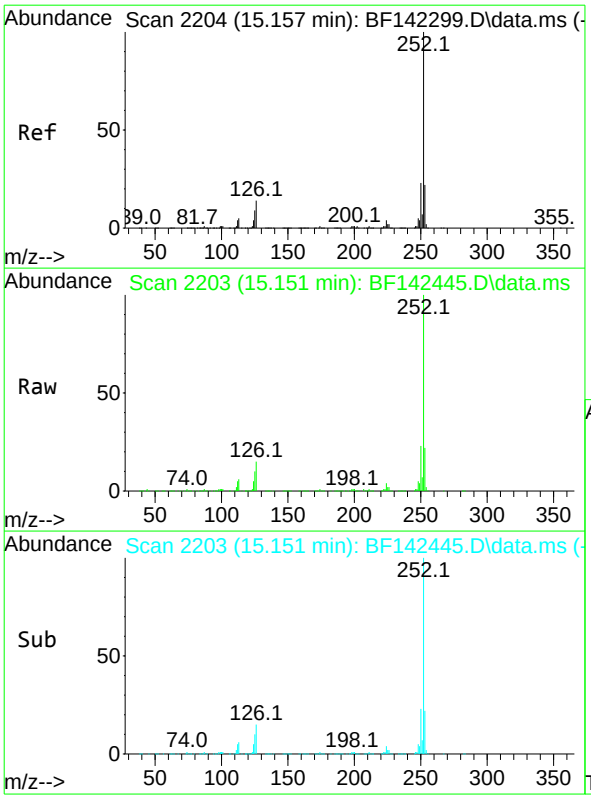


#88
Benzo(b)fluoranthene
Concen: 42.685 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:252 Resp: 756657

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.8	8.7	13.1



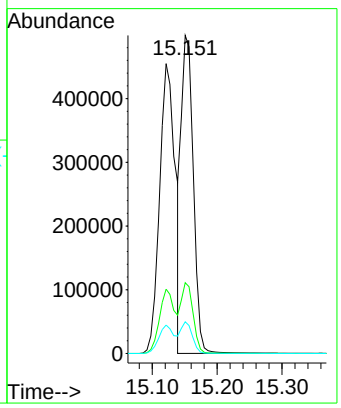


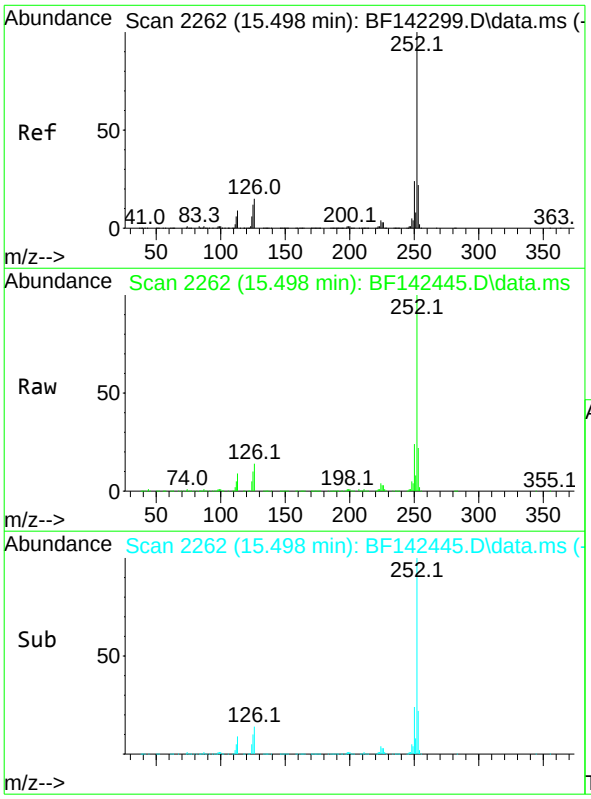
#89
Benzo(k)fluoranthene
Concen: 40.208 ng
RT: 15.151 min Scan# 22
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:252 Resp: 652259

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.0	8.1	12.1

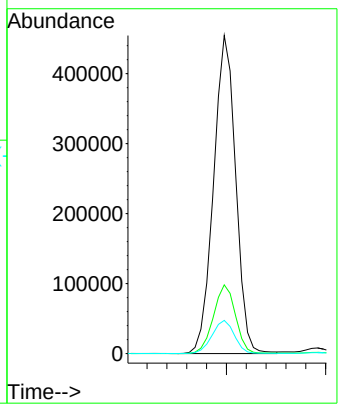


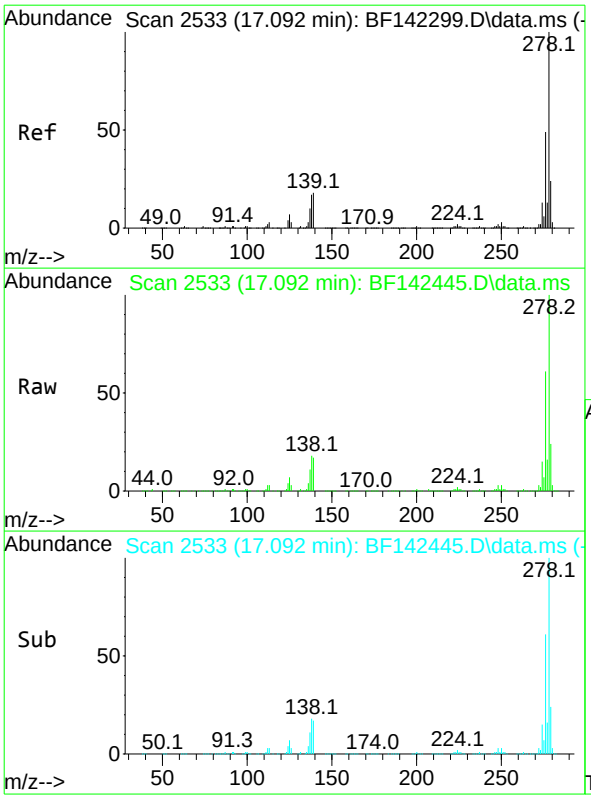


#90
Benzo(a)pyrene
Concen: 44.354 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:252 Resp: 704559

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	10.4	9.4	14.0



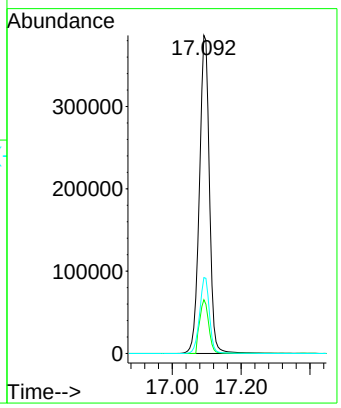


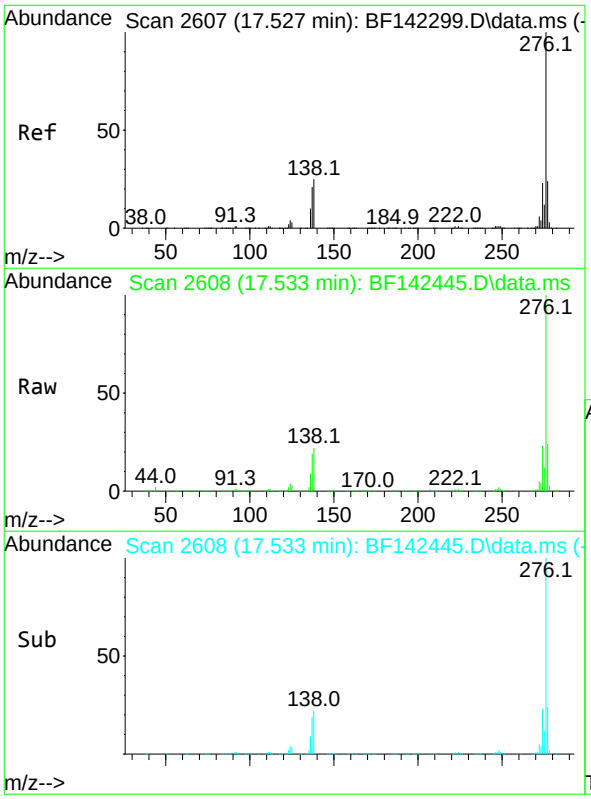
#91
Dibenzo(a,h)anthracene
Concen: 46.377 ng
RT: 17.092 min Scan# 25
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

Tgt Ion:278 Resp: 780084

Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.5	21.7
279	23.9	18.9	28.3

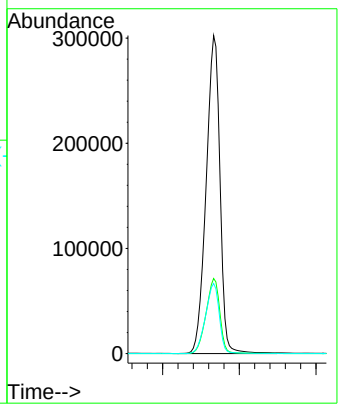




#92
Benzo(g,h,i)perylene
Concen: 45.412 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:276 Resp: 758122

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.6
138	22.0	19.8	29.6



Raw Data: **BF142372.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	05/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A4-03-CMS	SDG No.:	Q2001
Lab Sample ID:	Q2001-03MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142372.D	1	05/13/25 11:16	05/14/25 18:12	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	330		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	350		5.30	50.0	ug/L
95-48-7	2-Methylphenol	430		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	440		11.0	100	ug/L
67-72-1	Hexachloroethane	390		6.50	50.0	ug/L
98-95-3	Nitrobenzene	450		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	410		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	490		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	470		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	620		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	440		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	1100	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	113		15 (10) - 110 (139)	75%	SPK: 150
13127-88-3	Phenol-d6	108		15 (10) - 110 (134)	72%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.8		30 (49) - 130 (133)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.3		30 (52) - 130 (132)	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	155		15 (44) - 110 (137)	104%	SPK: 150
1718-51-0	Terphenyl-d14	71.3		30 (48) - 130 (125)	71%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	163000	6.898			
1146-65-2	Naphthalene-d8	631000	8.186			
15067-26-2	Acenaphthene-d10	378000	9.939			
1517-22-2	Phenanthrene-d10	722000	11.427			
1719-03-5	Chrysene-d12	523000	14.068			
1520-96-3	Perylene-d12	455000	15.556			

Raw Data: **BF142372.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	05/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A4-03-CMS	SDG No.:	Q2001
Lab Sample ID:	Q2001-03MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142372.D	1	05/13/25 11:16	05/14/25 18:12	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **BF142372.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142372.D
Acq On : 14 May 2025 18:12
Operator : RC/JU
Sample : Q2001-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Quant Time: May 15 01:02:05 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	162738	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	630639	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	377760	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	721905	20.000	ng		0.00
76) Chrysene-d12	14.068	240	522947	20.000	ng		0.00
86) Perylene-d12	15.556	264	454587	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1074523	112.715	ng		0.02
7) Phenol-d6	6.522	99	1271696	108.460	ng		0.00
23) Nitrobenzene-d5	7.463	82	867047	83.849	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	566824	155.413	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1916439	72.337	ng		0.00
79) Terphenyl-d14	13.015	244	2517488	71.253	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	137926	32.128	ng	#	81
3) Pyridine	3.534	79	333735	33.112	ng		98
4) n-Nitrosodimethylamine	3.475	42	211879	36.170	ng		94
6) Aniline	6.569	93	292837	25.463	ng		100
8) 2-Chlorophenol	6.686	128	445692	43.750	ng		97
9) Benzaldehyde	6.451	77	181024	26.379	ng	#	83
10) Phenol	6.539	94	493274	39.688	ng		98
11) bis(2-Chloroethyl)ether	6.634	93	433818	35.395	ng		98
12) 1,3-Dichlorobenzene	6.839	146	405446	34.788	ng		98
13) 1,4-Dichlorobenzene	6.916	146	413585	35.343	ng		100
14) 1,2-Dichlorobenzene	7.069	146	402756	35.857	ng		100
15) Benzyl Alcohol	7.039	79	375436	49.449	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	685387	37.447	ng		99
17) 2-Methylphenol	7.145	107	351317	42.596	ng		99
18) Hexachloroethane	7.416	117	152037	39.049	ng		99
19) n-Nitroso-di-n-propyla...	7.310	70	308723	42.567	ng		99
20) 3+4-Methylphenols	7.298	107	450919	43.807	ng		96
22) Acetophenone	7.310	105	600618	42.834	ng		100
24) Nitrobenzene	7.481	77	439040	45.042	ng		97
25) Isophorone	7.722	82	889845	45.444	ng		99
26) 2-Nitrophenol	7.798	139	231628	49.190	ng		99
27) 2,4-Dimethylphenol	7.833	122	464197	47.151	ng		99
28) bis(2-Chloroethoxy)met...	7.933	93	540601	42.935	ng		99
29) 2,4-Dichlorophenol	8.039	162	407981	48.744	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	394248	41.854	ng		98
31) Naphthalene	8.216	128	5907098	193.267	ng		96
32) Benzoic acid	7.939	122	291877	53.461	ng		98
33) 4-Chloroaniline	8.257	127	255915m	20.520	ng		
34) Hexachlorobutadiene	8.322	225	226120	40.539	ng		99
35) Caprolactam	8.616	113	132522m	54.327	ng		
36) 4-Chloro-3-methylphenol	8.728	107	441090	50.696	ng		99
37) 2-Methylnaphthalene	8.898	142	1427181	75.146	ng		99
38) 1-Methylnaphthalene	8.998	142	1475266	74.528	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	427277	40.498	ng		99
41) Hexachlorocyclopentadiene	9.051	237	539719	82.773	ng		100
43) 2,4,6-Trichlorophenol	9.169	196	325096	48.851	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142372.D
Acq On : 14 May 2025 18:12
Operator : RC/JU
Sample : Q2001-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Quant Time: May 15 01:02:05 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

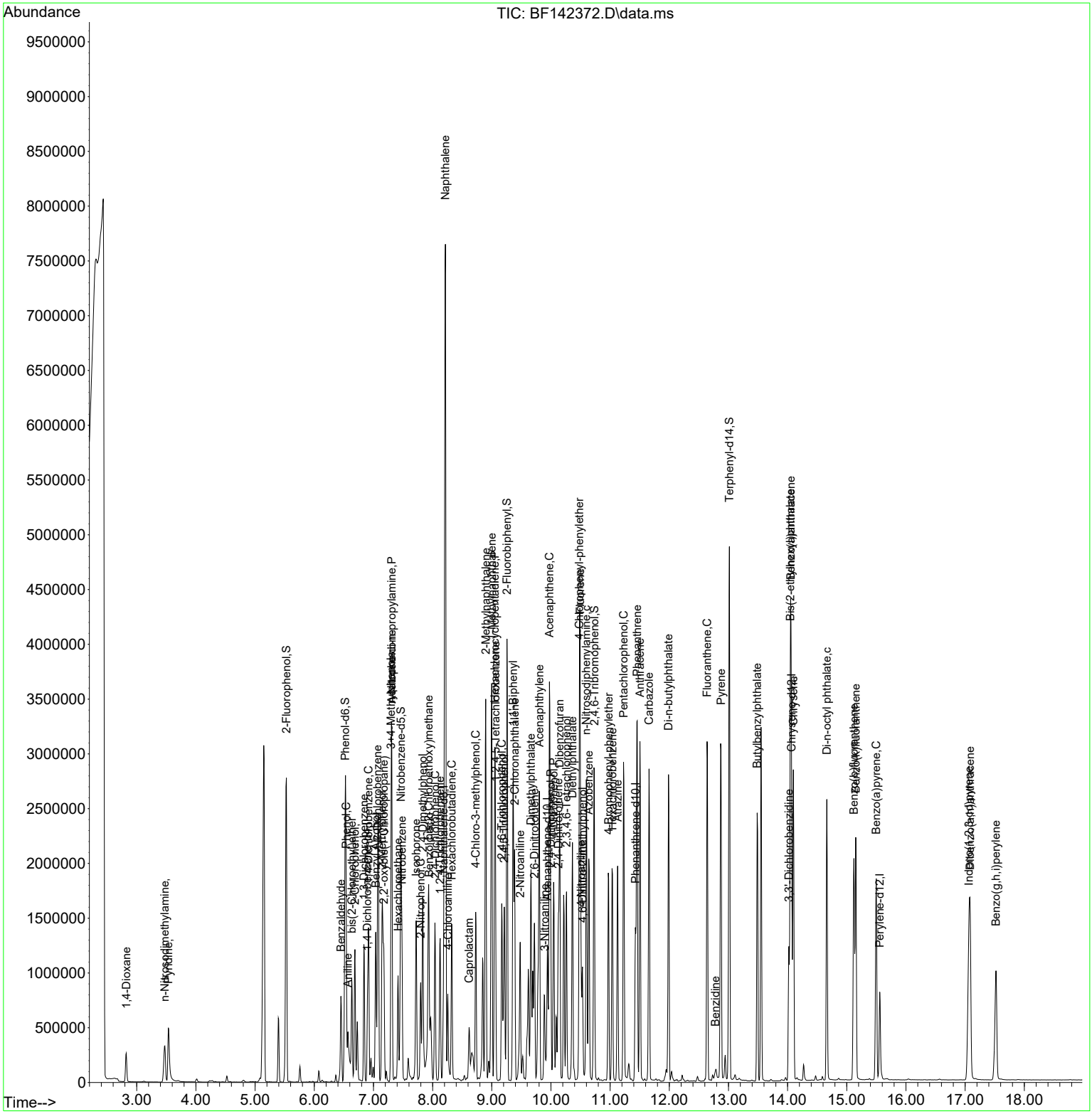
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	332806	47.001	ng		99
46) 1,1'-Biphenyl	9.363	154	1291111	44.576	ng		99
47) 2-Chloronaphthalene	9.386	162	887639	41.209	ng		99
48) 2-Nitroaniline	9.480	65	295451	53.512	ng		92
49) Acenaphthylene	9.804	152	1641352	45.550	ng		100
50) Dimethylphthalate	9.663	163	1180045	48.648	ng		100
51) 2,6-Dinitrotoluene	9.722	165	253851	55.909	ng		92
52) Acenaphthene	9.975	154	1330307	61.399	ng		100
53) 3-Nitroaniline	9.892	138	216852	40.722	ng		93
54) 2,4-Dinitrophenol	9.998	184	303669	123.256	ng	#	1
55) Dibenzofuran	10.145	168	1432463	44.798	ng		99
56) 4-Nitrophenol	10.045	139	452026	112.787	ng		98
57) 2,4-Dinitrotoluene	10.127	165	362477	62.237	ng		96
58) Fluorene	10.492	166	1234838	50.603	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	308281	52.740	ng		99
60) Diethylphthalate	10.363	149	1216822	50.231	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	531908	45.180	ng		99
62) 4-Nitroaniline	10.510	138	273368	64.771	ng		99
63) Azobenzene	10.639	77	1055114	45.580	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	192541	55.837	ng		97
66) n-Nitrosodiphenylamine	10.598	169	1020454	42.480	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	354444	43.322	ng		96
68) Hexachlorobenzene	11.039	284	396421	44.049	ng		95
69) Atrazine	11.127	200	334569	52.835	ng		100
70) Pentachlorophenol	11.227	266	512510	108.252	ng		98
71) Phenanthrene	11.457	178	1886016	49.841	ng		99
72) Anthracene	11.504	178	1742097	44.806	ng		99
73) Carbazole	11.657	167	1668872	47.842	ng		100
74) Di-n-butylphthalate	11.986	149	2039460	55.601	ng		100
75) Fluoranthene	12.639	202	1893989	50.071	ng		100
77) Benzidine	12.780	184	118011m	12.418	ng		
78) Pyrene	12.874	202	1909520	41.023	ng		100
80) Butylbenzylphthalate	13.486	149	823405	59.653	ng		99
81) Benzo(a)anthracene	14.057	228	1562122	46.126	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	365646	46.427	ng		99
83) Chrysene	14.098	228	1365169	43.301	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	1118306	61.873	ng		99
85) Di-n-octyl phthalate	14.662	149	1725527	53.104	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1230565	38.914	ng		99
88) Benzo(b)fluoranthene	15.121	252	1288343	46.794	ng		99
89) Benzo(k)fluoranthene	15.151	252	1294089	51.362	ng		100
90) Benzo(a)pyrene	15.498	252	1187074	48.114	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	1015018	38.852	ng		99
92) Benzo(g,h,i)perylene	17.521	276	931726	35.933	ng		98

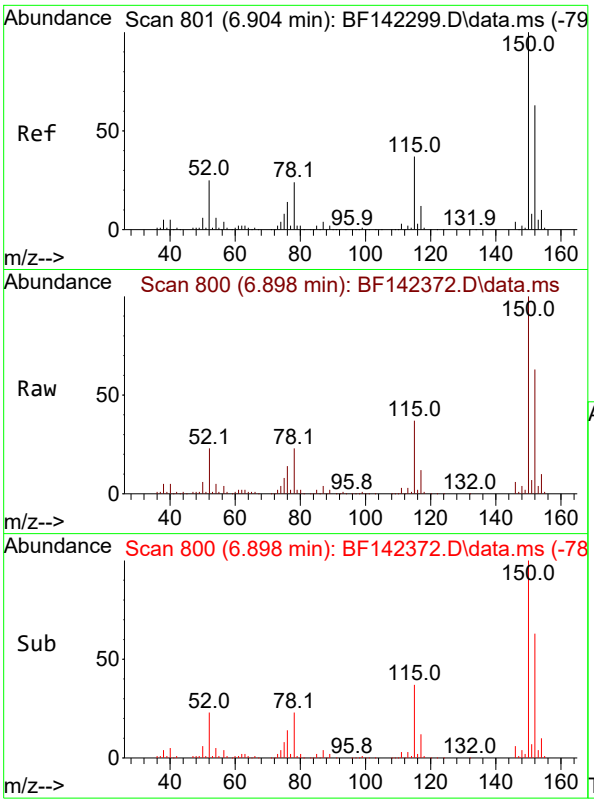
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142372.D
Acq On : 14 May 2025 18:12
Operator : RC/JU
Sample : Q2001-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Quant Time: May 15 01:02:05 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



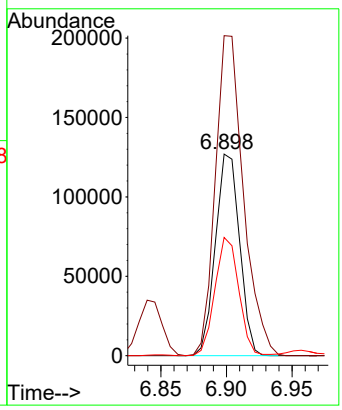


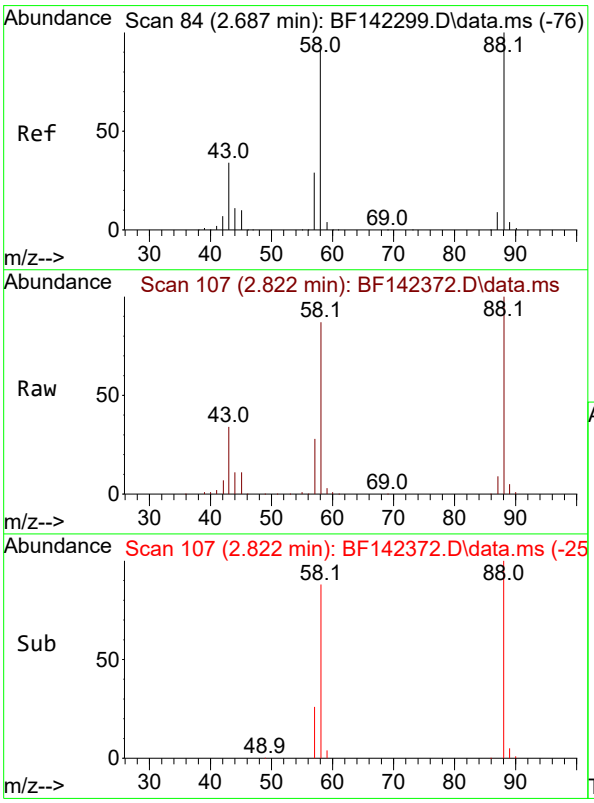
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:152 Resp: 162738

Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.6	190.0
115	58.7	47.3	70.9

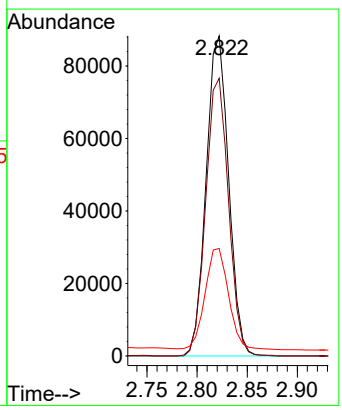


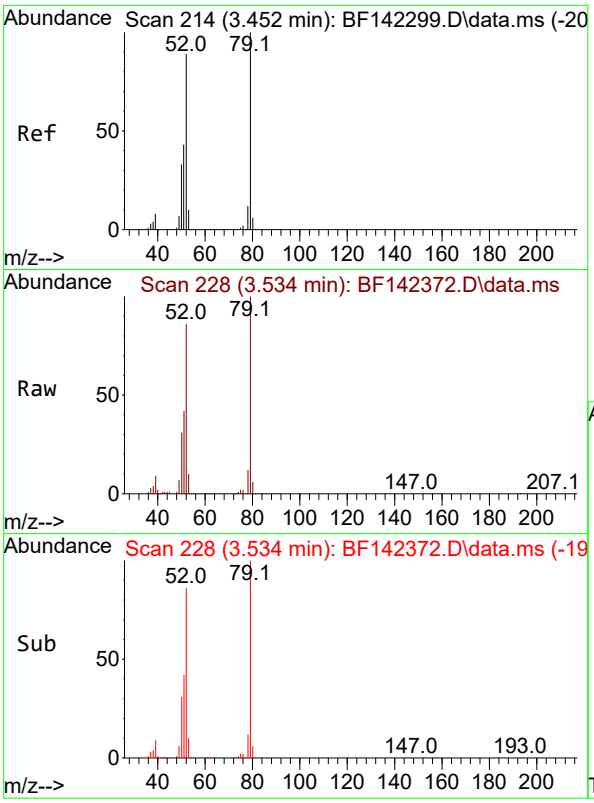


#2
1,4-Dioxane
Concen: 32.128 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.135 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion: 88 Resp: 137926

Ion	Ratio	Lower	Upper
88	100		
58	88.2	73.0	109.4
43	0.0	27.8	41.6#



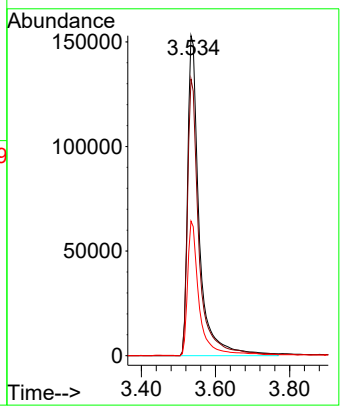


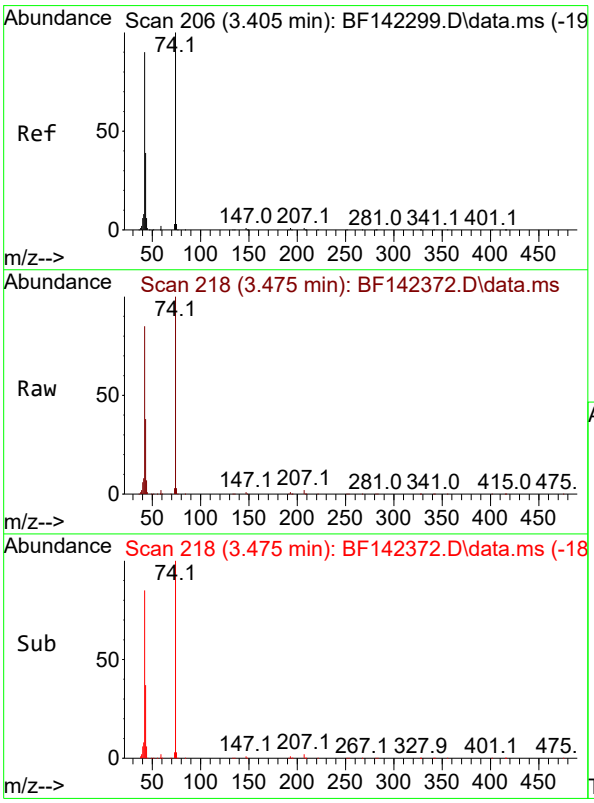
#3
Pyridine
Concen: 33.112 ng
RT: 3.534 min Scan# 2
Delta R.T. 0.082 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion: 79 Resp: 333735

Ion	Ratio	Lower	Upper
79	100		
52	86.4	71.0	106.4
51	42.1	34.9	52.3

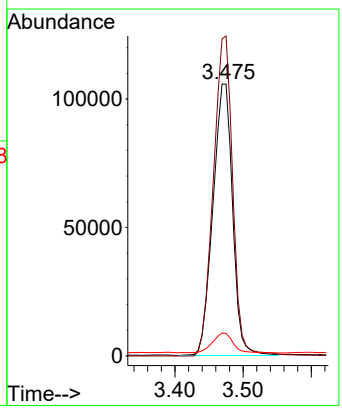


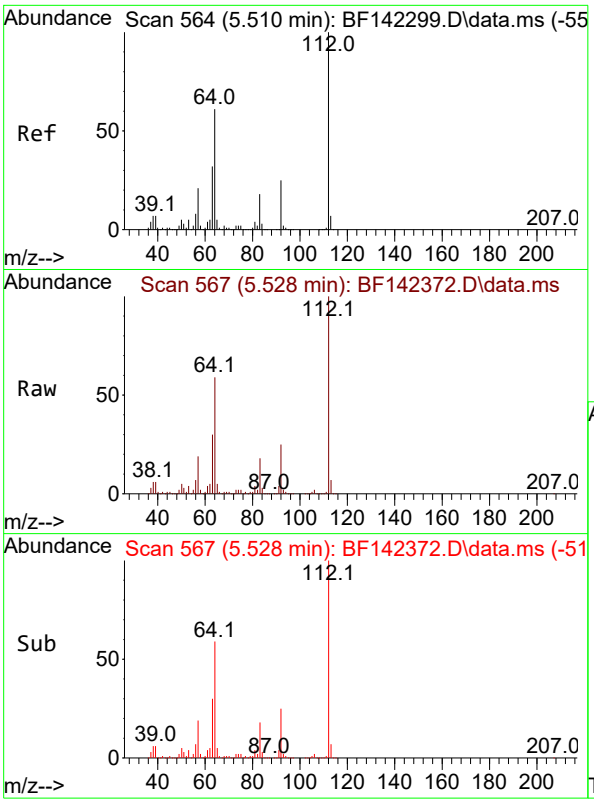


#4
n-Nitrosodimethylamine
Concen: 36.170 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.070 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion: 42 Resp: 211879

Ion	Ratio	Lower	Upper
42	100		
74	117.7	88.5	132.7
44	8.3	5.8	8.8



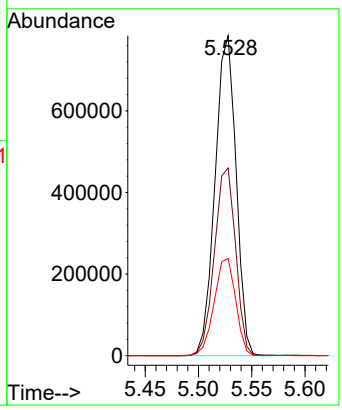


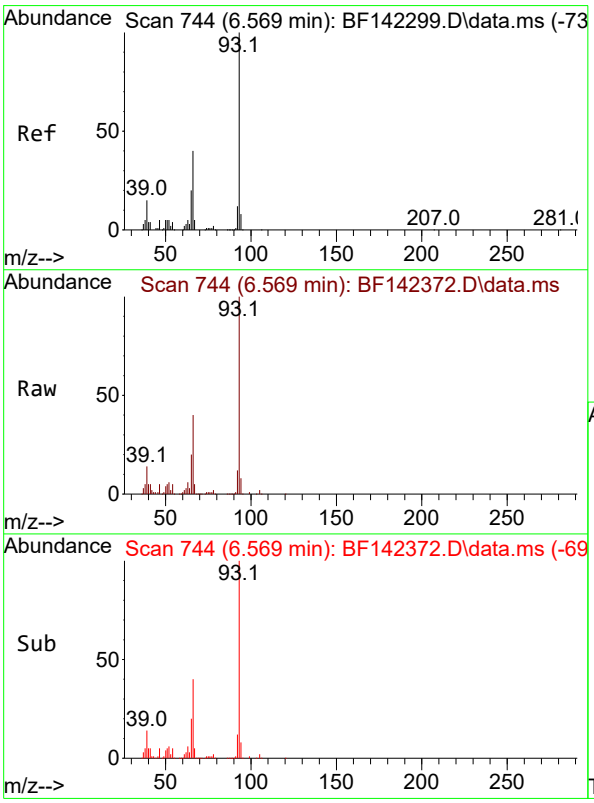
#5
2-Fluorophenol
Concen: 112.715 ng
RT: 5.528 min Scan# 5
Delta R.T. 0.017 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:112 Resp: 1074523

Ion	Ratio	Lower	Upper
112	100		
64	58.6	48.9	73.3
63	30.4	25.6	38.4

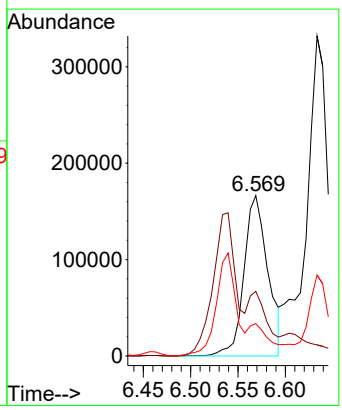


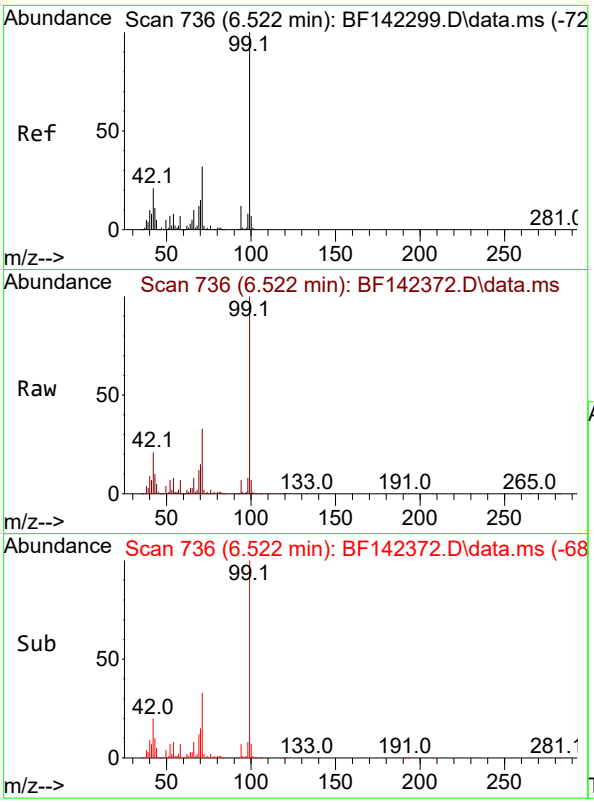


#6
Aniline
Concen: 25.463 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion: 93 Resp: 292837

Ion	Ratio	Lower	Upper
93	100		
66	40.3	32.2	48.4
65	20.1	16.3	24.5



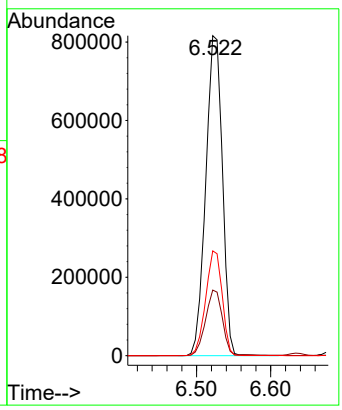


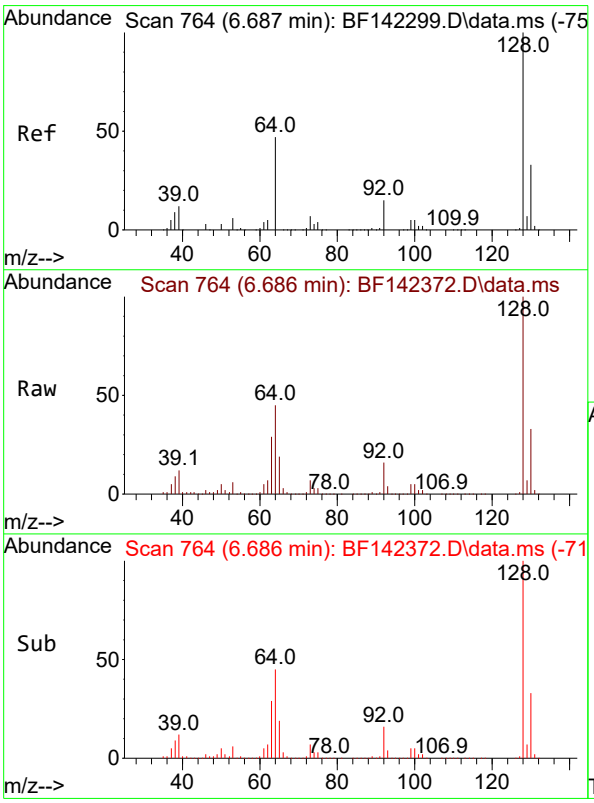
#7
Phenol-d6
Concen: 108.460 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion: 99 Resp: 1271696

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.0	25.4
71	32.8	25.8	38.8

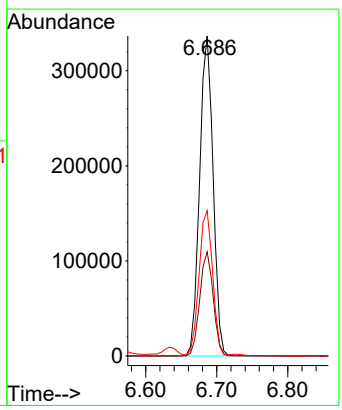


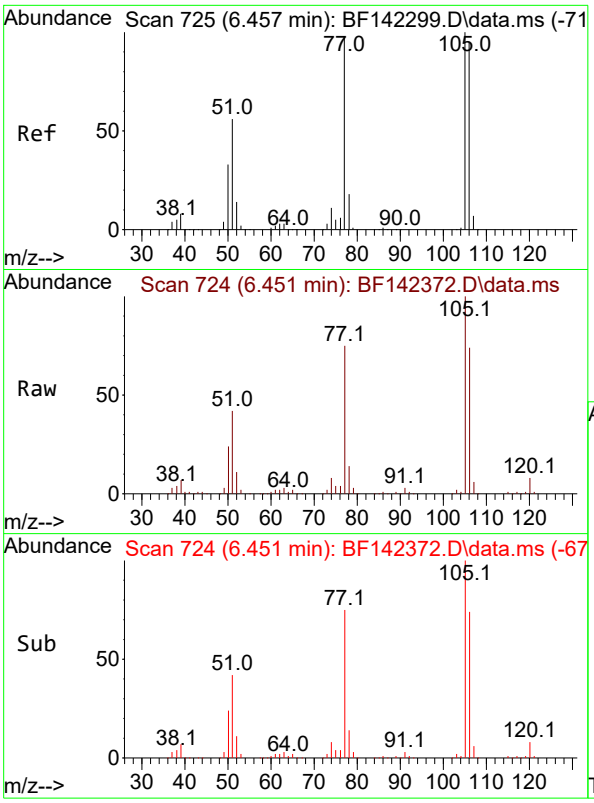


#8
2-Chlorophenol
Concen: 43.750 ng
RT: 6.686 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:128 Resp: 445692

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.7	52.7
64	45.4	29.2	69.2



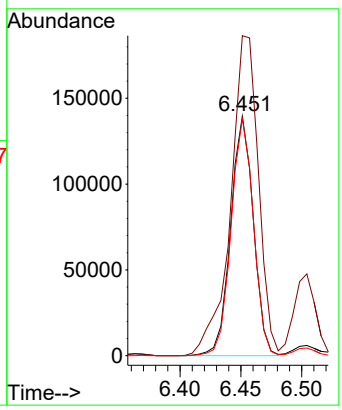


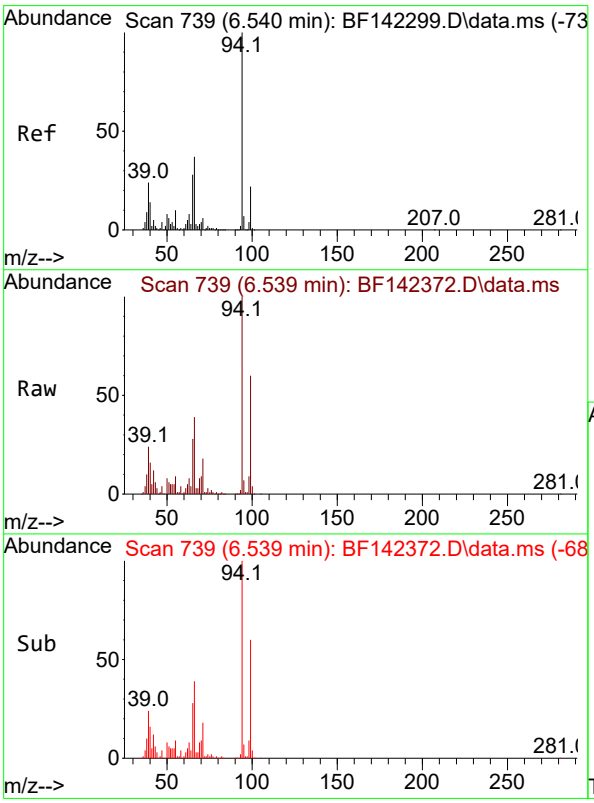
#9
Benzaldehyde
Concen: 26.379 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion: 77 Resp: 181024

Ion	Ratio	Lower	Upper
77	100		
105	133.6	82.0	122.0#
106	99.0	77.2	117.2

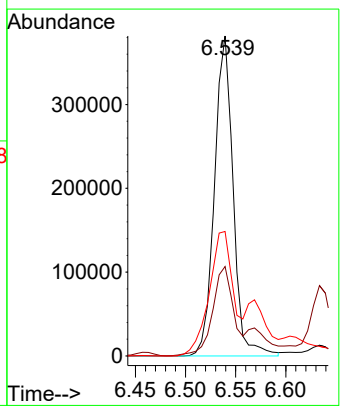


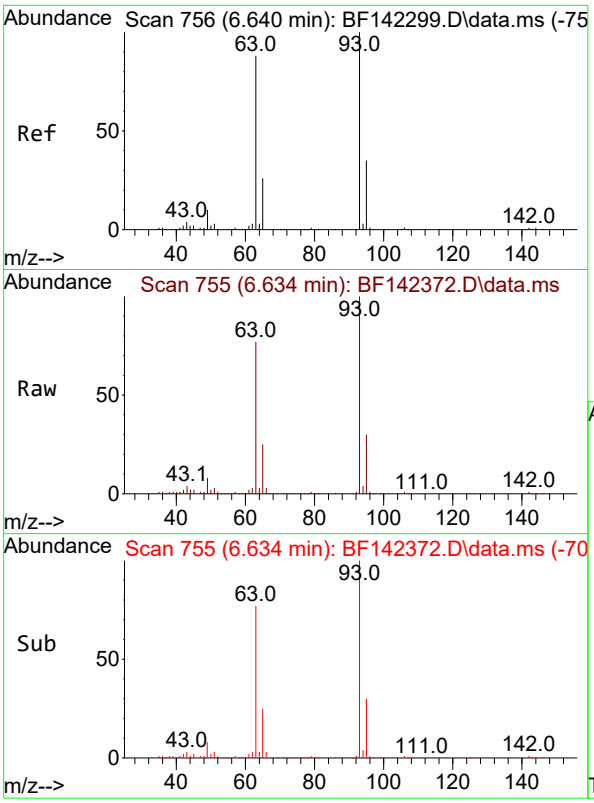


#10
Phenol
Concen: 39.688 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion: 94 Resp: 493274

Ion	Ratio	Lower	Upper
94	100		
65	28.0	8.5	48.5
66	38.9	17.3	57.3



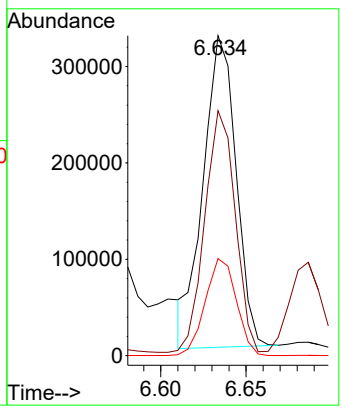


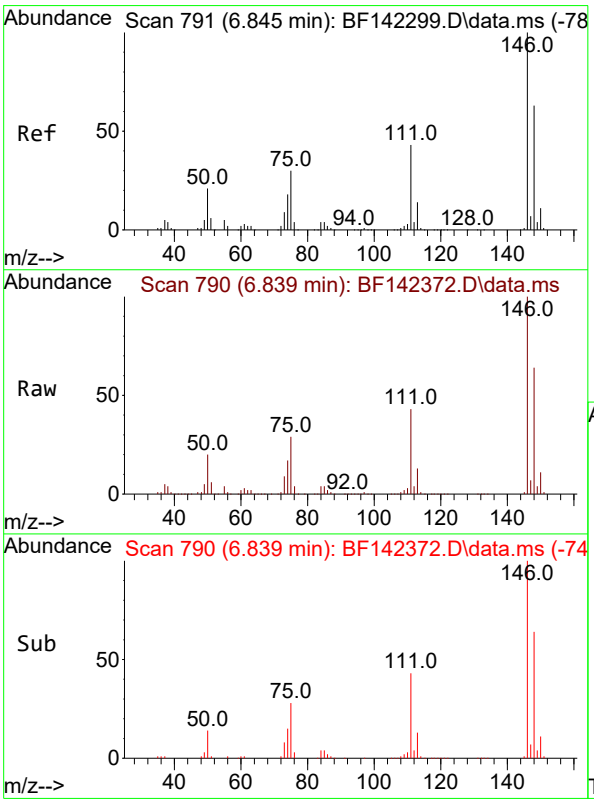
#11
bis(2-Chloroethyl)ether
Concen: 35.395 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion: 93 Resp: 433818

Ion	Ratio	Lower	Upper
93	100		
63	76.6	58.4	98.4
95	30.4	10.6	50.6

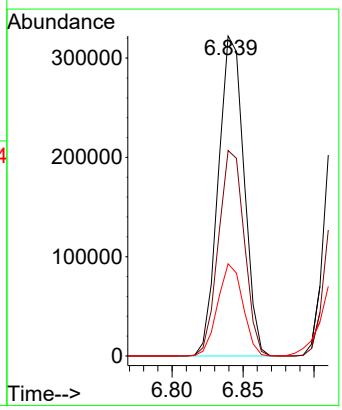


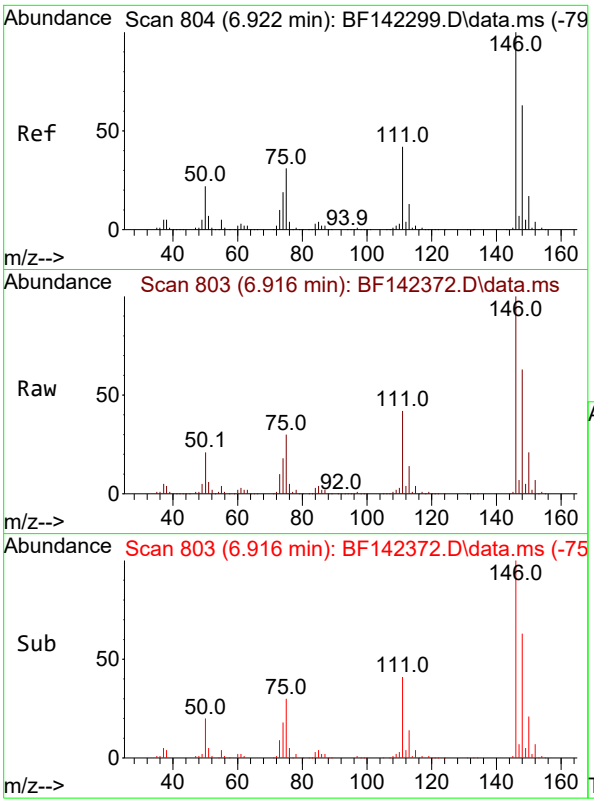


#12
1,3-Dichlorobenzene
Concen: 34.788 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:146 Resp: 405446

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	76.0
75	28.8	24.2	36.4



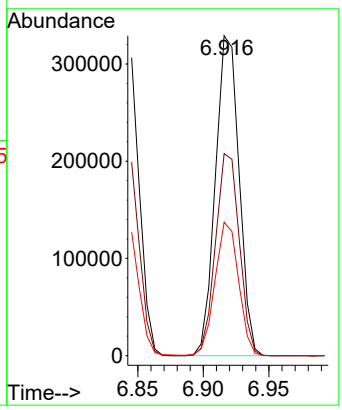


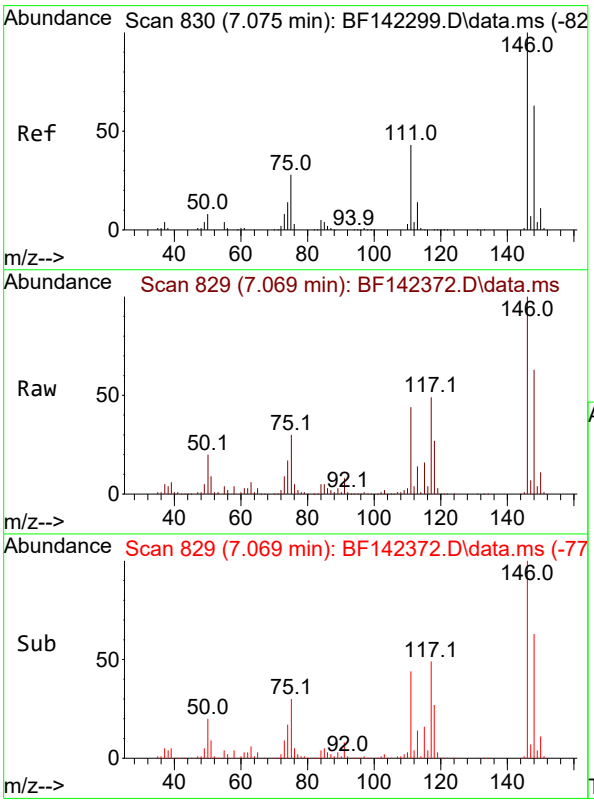
#13
1,4-Dichlorobenzene
Concen: 35.343 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:146 Resp: 413585

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	41.7	33.4	50.2

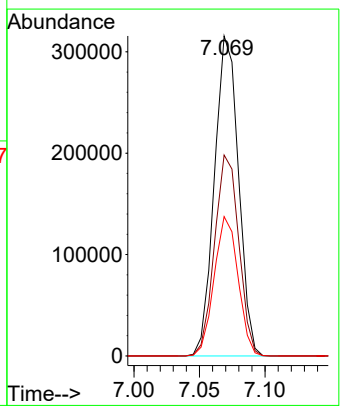


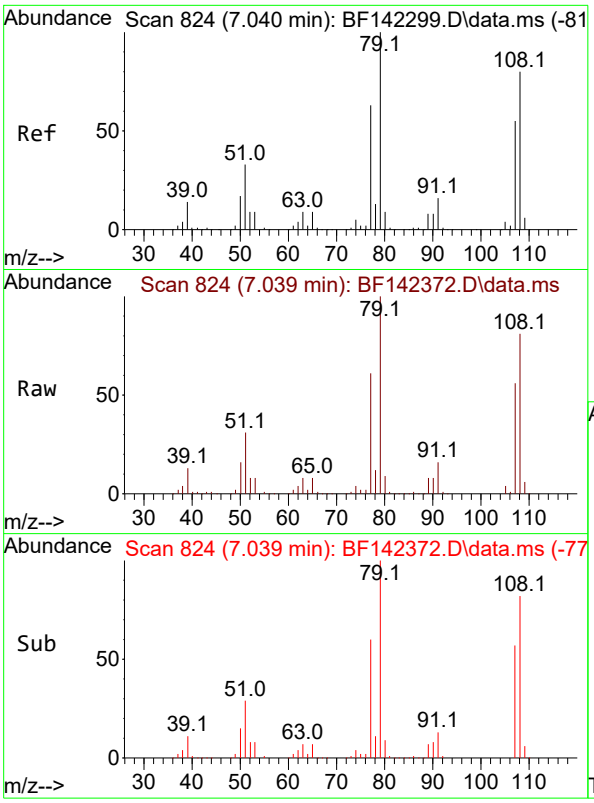


#14
1,2-Dichlorobenzene
Concen: 35.857 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:146 Resp: 402756

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.3	75.5
111	43.6	34.5	51.7



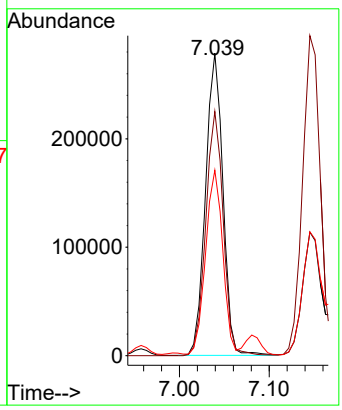


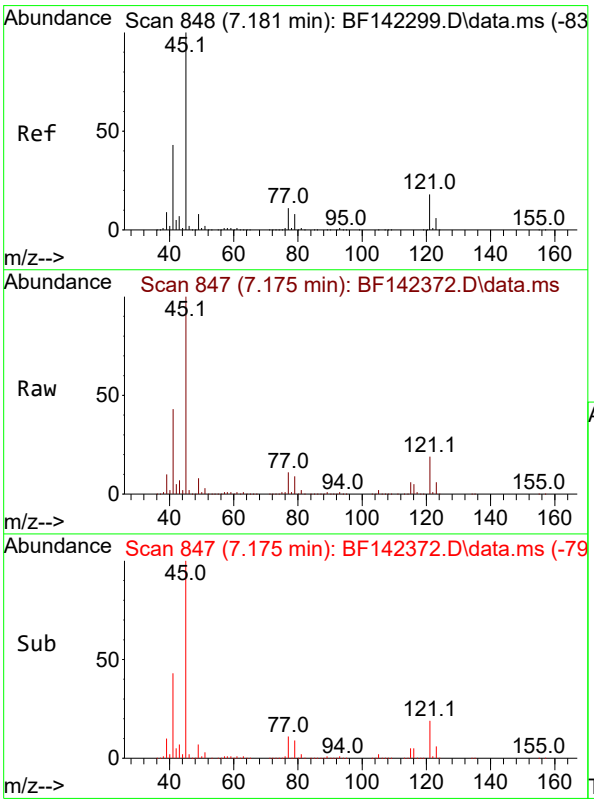
#15
Benzyl Alcohol
Concen: 49.449 ng
RT: 7.039 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion: 79 Resp: 375436

Ion	Ratio	Lower	Upper
79	100		
108	80.7	63.9	95.9
77	61.3	50.7	76.1

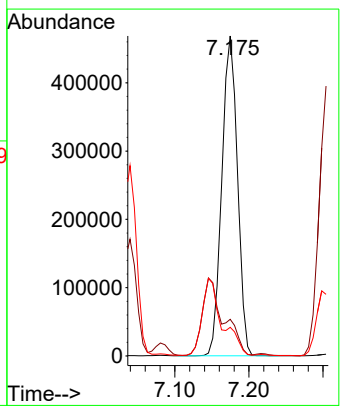


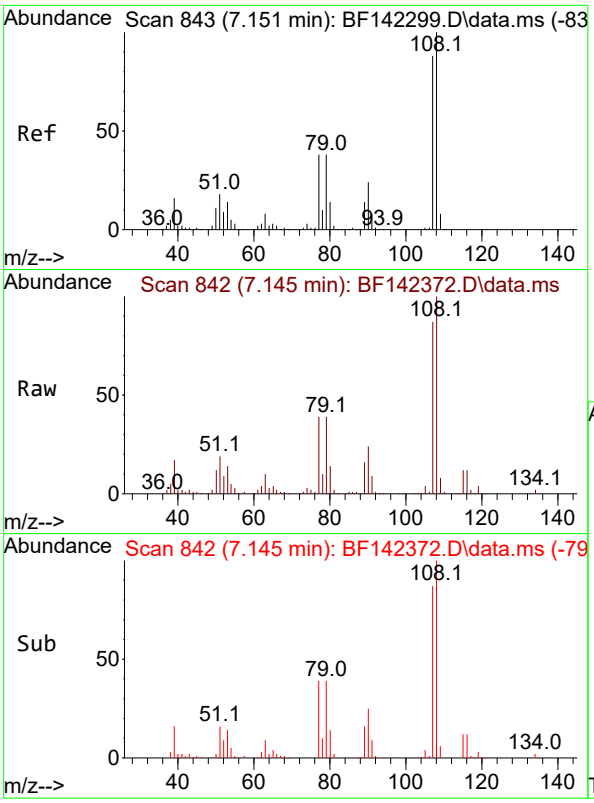


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.447 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion: 45 Resp: 685387

Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	31.2
79	8.9	0.0	28.5



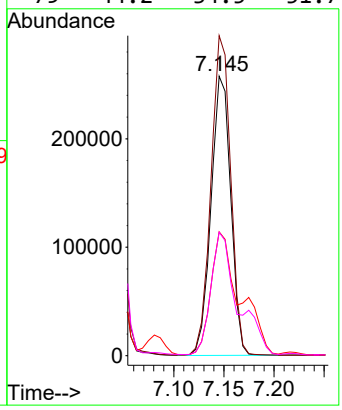


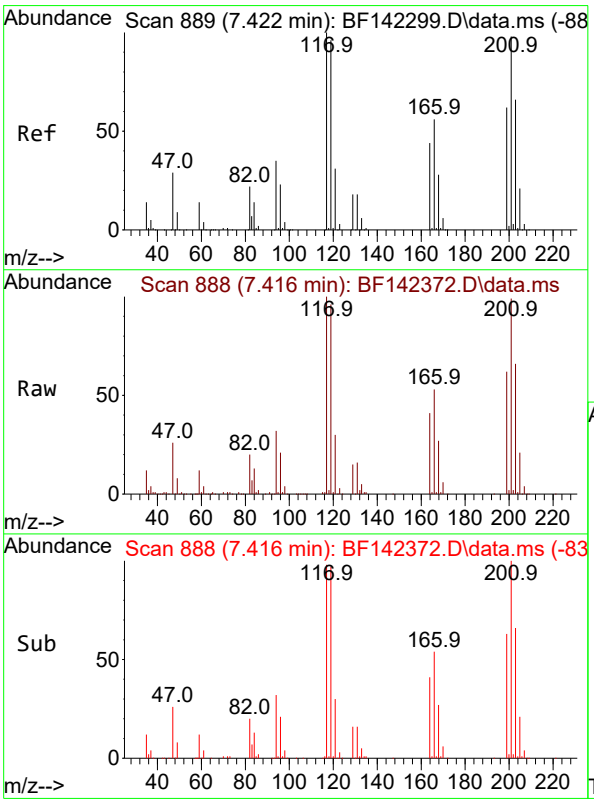
#17
2-Methylphenol
Concen: 42.596 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:107 Resp: 351317

Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.1	136.7
77	44.3	34.7	52.1
79	44.2	34.5	51.7

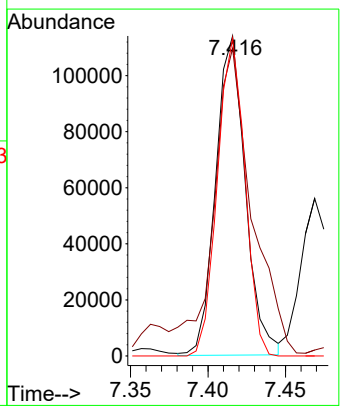


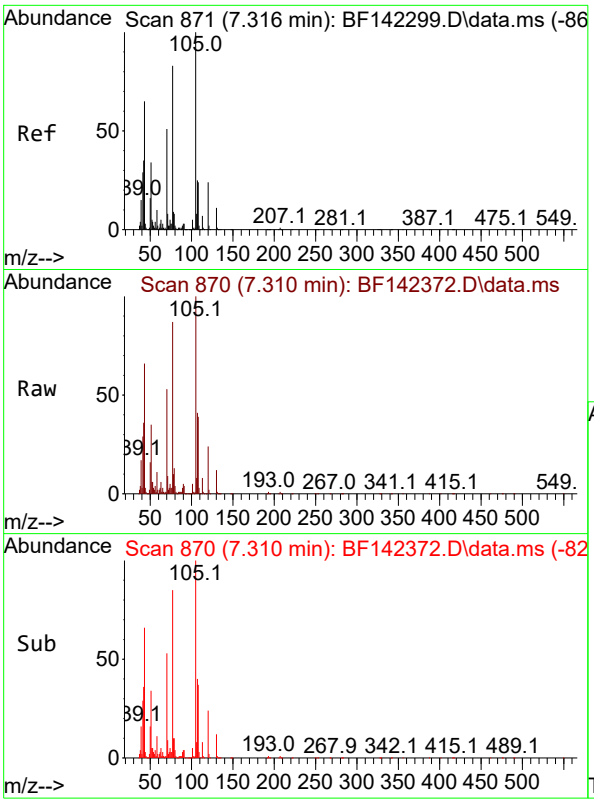


#18
Hexachloroethane
Concen: 39.049 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:117 Resp: 152037

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
201	99.4	78.0	117.0



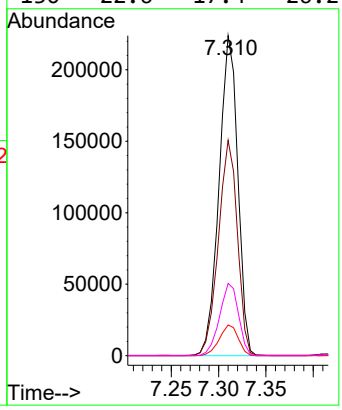


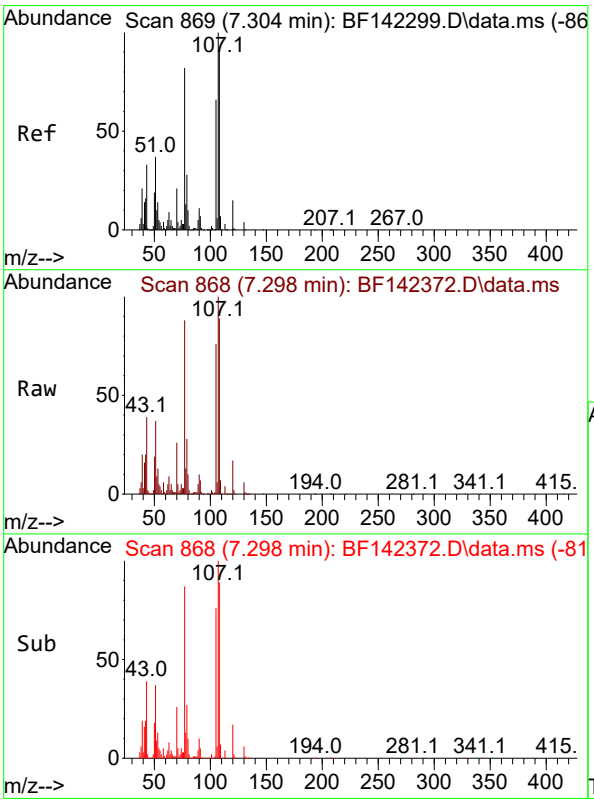
#19
n-Nitroso-di-n-propylamine
Concen: 42.567 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion: 70 Resp: 308723

Ion	Ratio	Lower	Upper
70	100		
42	67.3	54.8	82.2
101	9.6	7.7	11.5
130	22.6	17.4	26.2

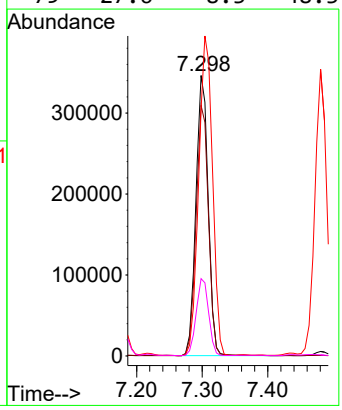


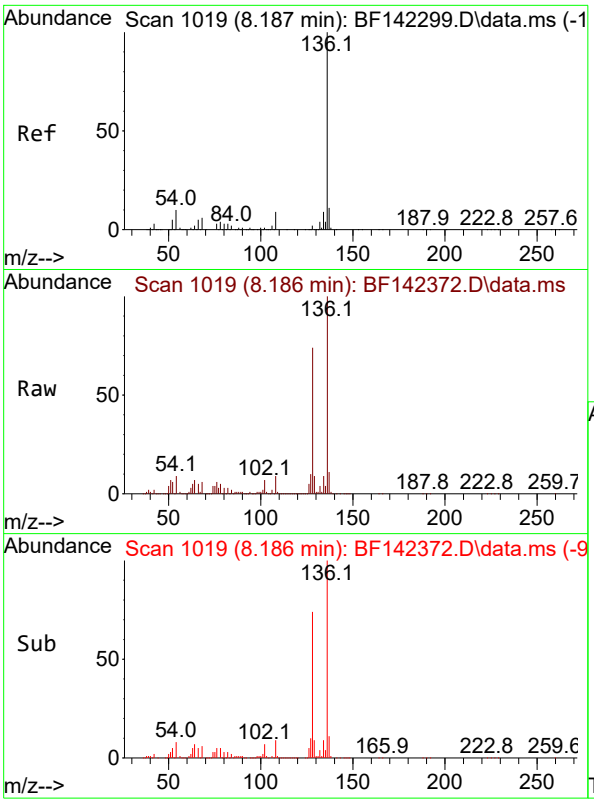


#20
3+4-Methylphenols
Concen: 43.807 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:107 Resp: 450919

Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.5	111.5
77	87.9	61.6	101.6
79	27.6	8.3	48.3



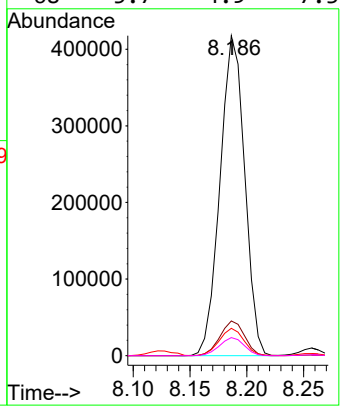


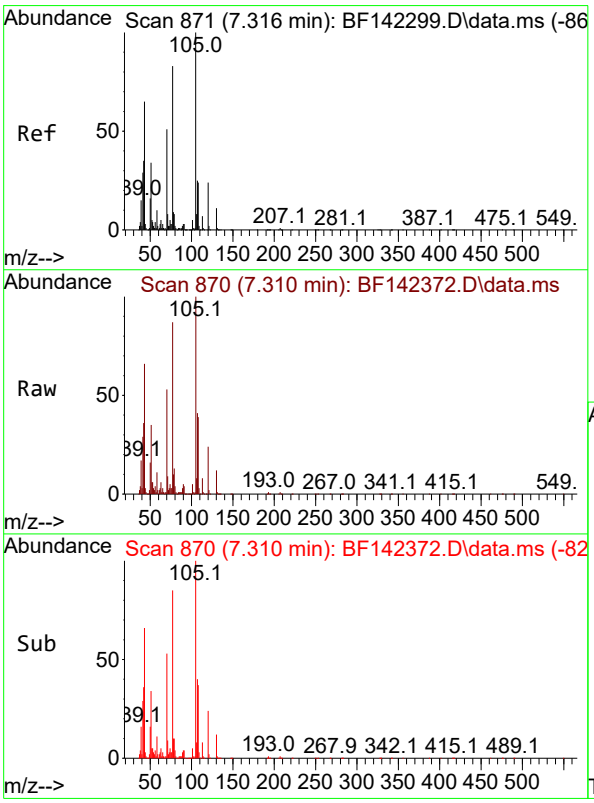
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:136 Resp: 630639

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.5	7.7	11.5
68	5.7	4.9	7.3

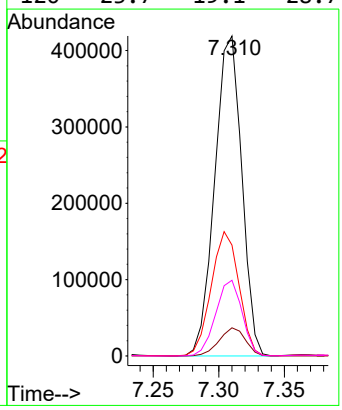


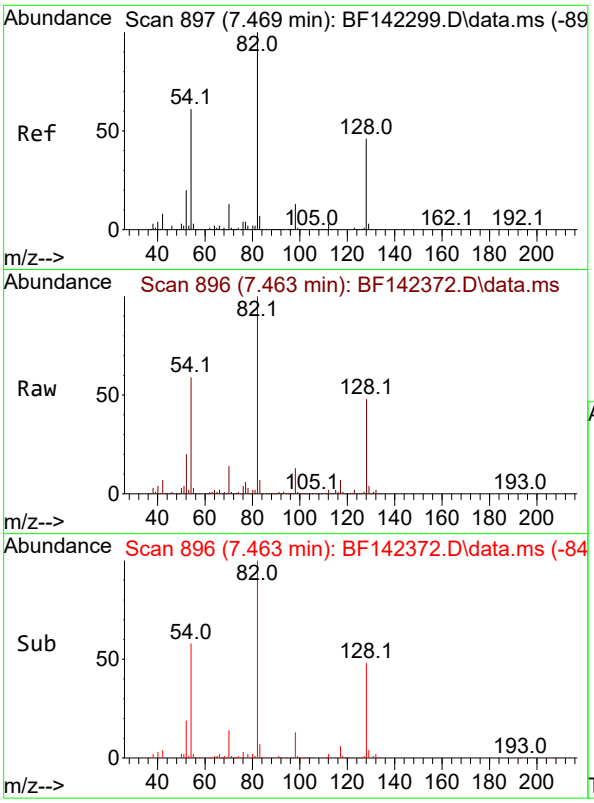


#22
Acetophenone
Concen: 42.834 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:105 Resp: 600618

Ion	Ratio	Lower	Upper
105	100		
71	8.8	6.7	10.1
51	34.7	27.6	41.4
120	23.7	19.1	28.7



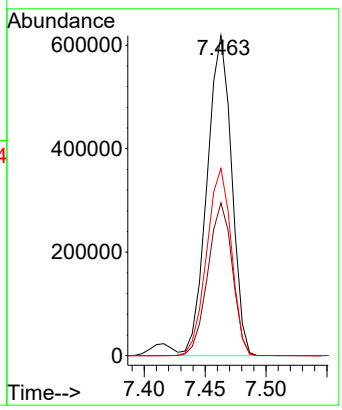


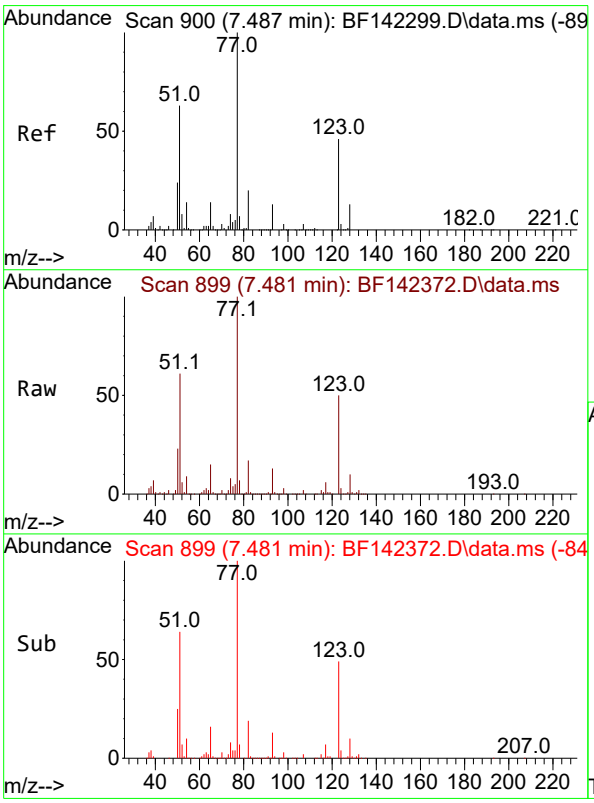
#23
Nitrobenzene-d5
Concen: 83.849 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion: 82 Resp: 867047

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.0	55.6
54	58.6	48.6	73.0

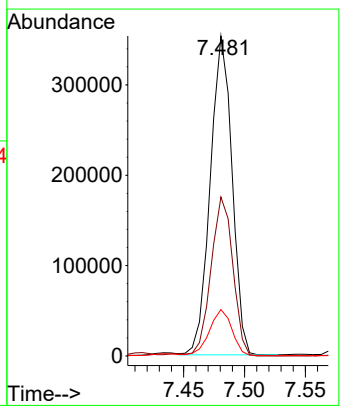


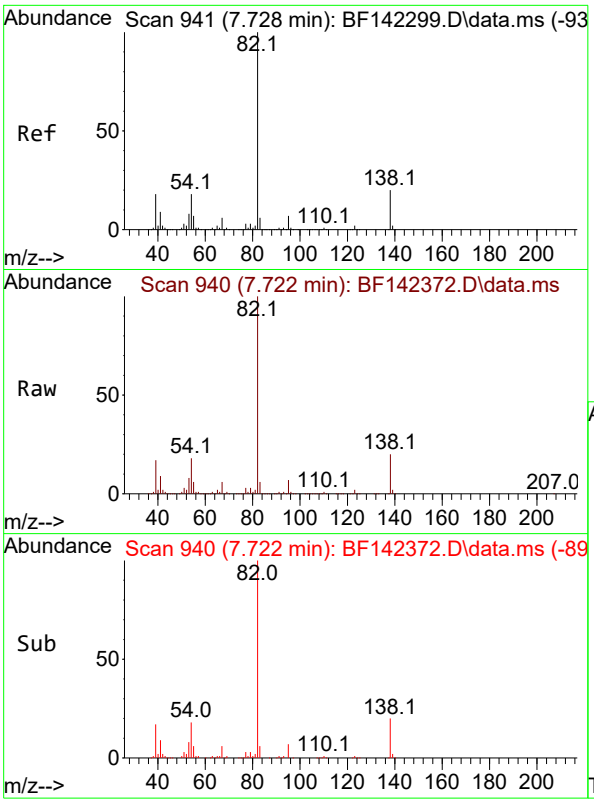


#24
Nitrobenzene
Concen: 45.042 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion: 77 Resp: 439040

Ion	Ratio	Lower	Upper
77	100		
123	49.7	37.8	56.8
65	14.5	11.4	17.0



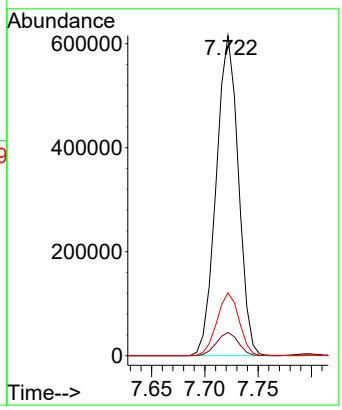


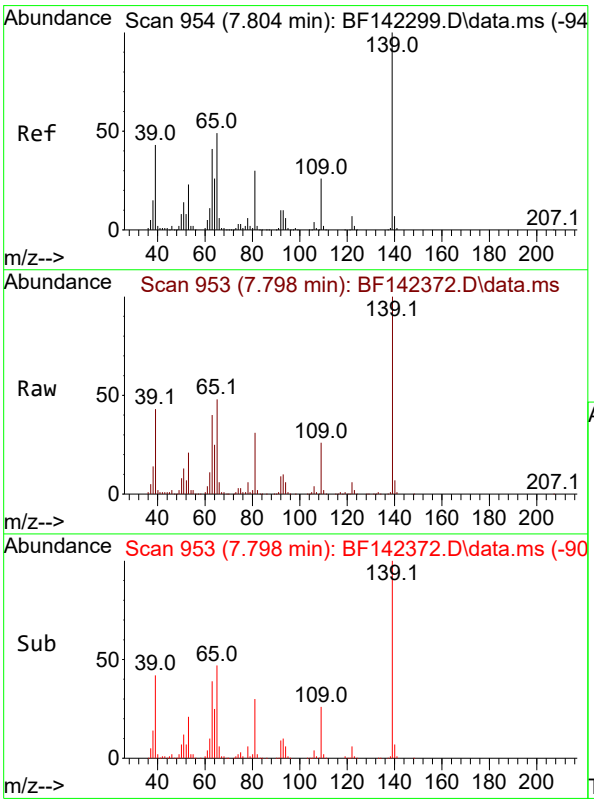
#25
Isophorone
Concen: 45.444 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion: 82 Resp: 889845

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	19.6	16.1	24.1

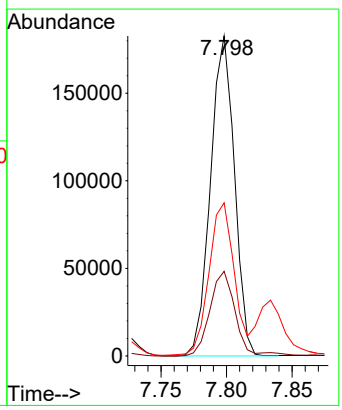


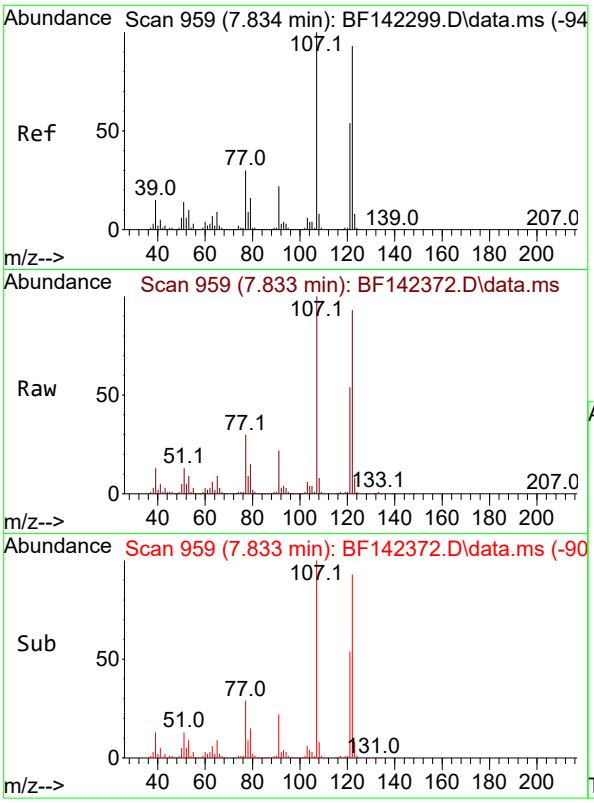


#26
2-Nitrophenol
Concen: 49.190 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:139 Resp: 231628

Ion	Ratio	Lower	Upper
139	100		
109	26.4	20.8	31.2
65	47.9	38.9	58.3



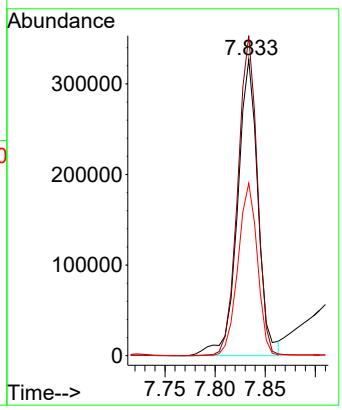


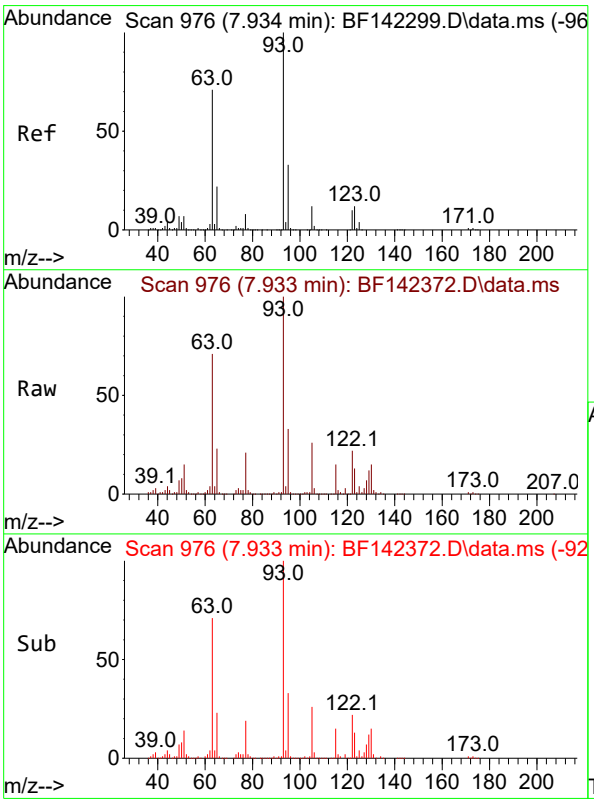
#27
2,4-Dimethylphenol
Concen: 47.151 ng
RT: 7.833 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:122 Resp: 464197

Ion	Ratio	Lower	Upper
122	100		
107	108.0	86.0	129.0
121	58.2	46.2	69.4

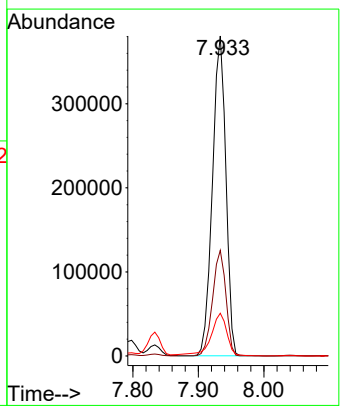


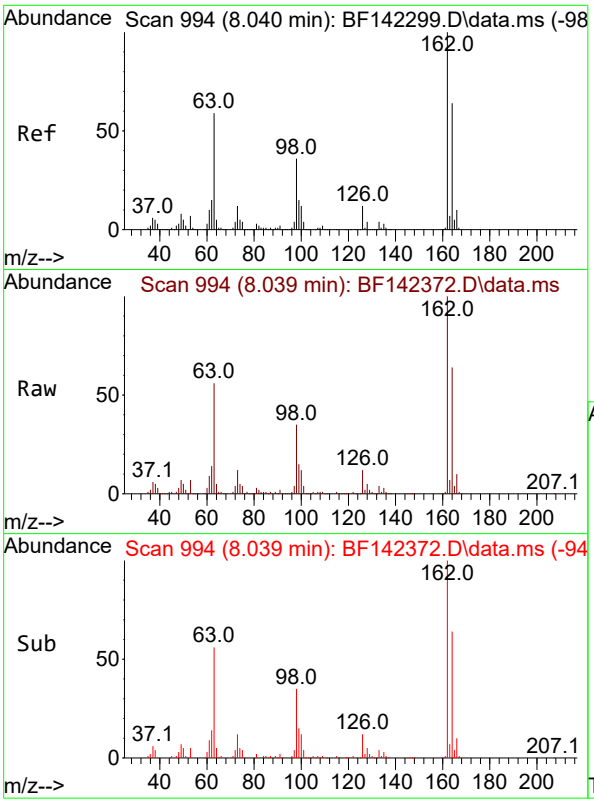


#28
bis(2-Chloroethoxy)methane
Concen: 42.935 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion: 93 Resp: 540601

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.1	39.1
123	13.3	10.2	15.4



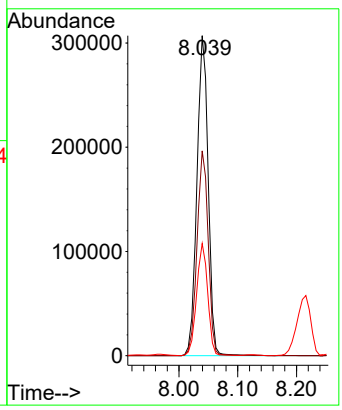


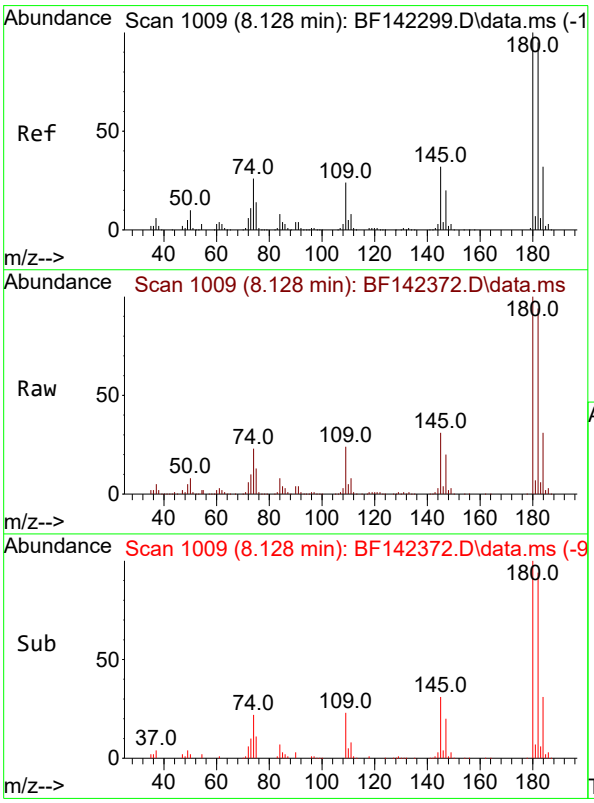
#29
2,4-Dichlorophenol
Concen: 48.744 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:162 Resp: 407981

Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.6	83.6
98	35.0	16.5	56.5

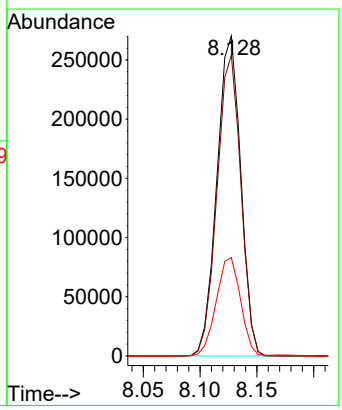


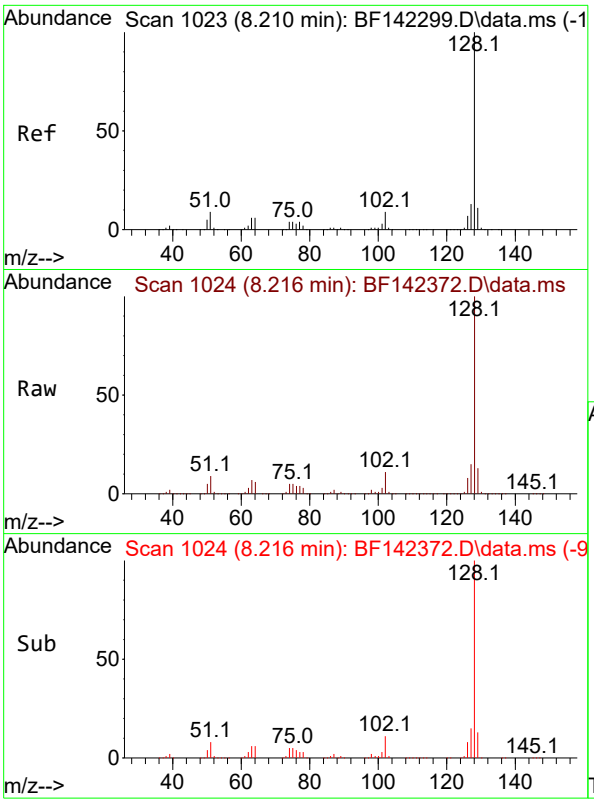


#30
1,2,4-Trichlorobenzene
Concen: 41.854 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:180 Resp: 394248

Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.2	114.4
145	30.8	25.8	38.6



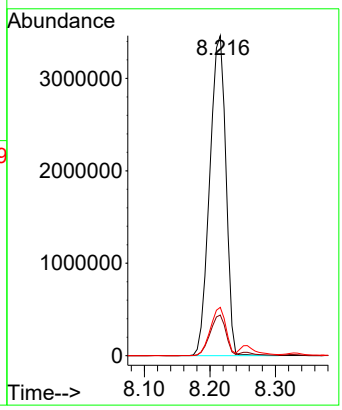


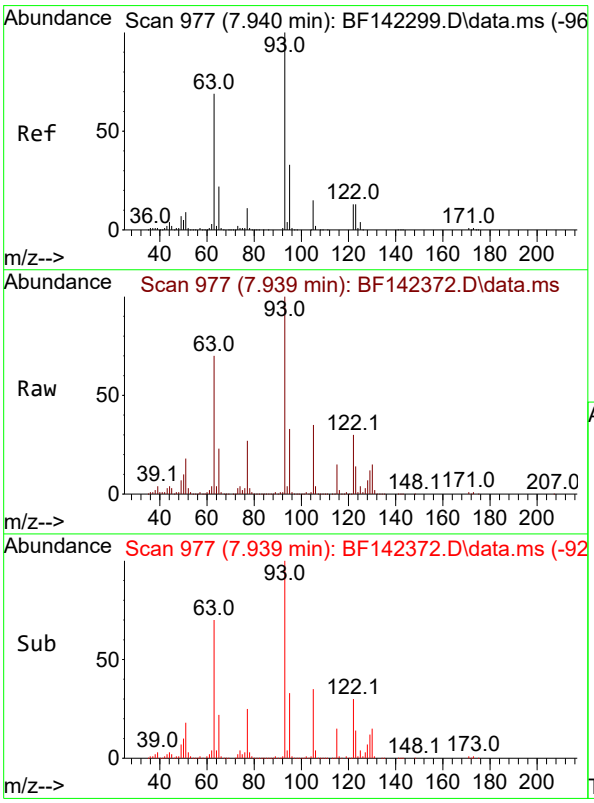
#31
Naphthalene
Concen: 193.267 ng
RT: 8.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:128 Resp: 5907098

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.1	13.7
127	15.1	10.5	15.7

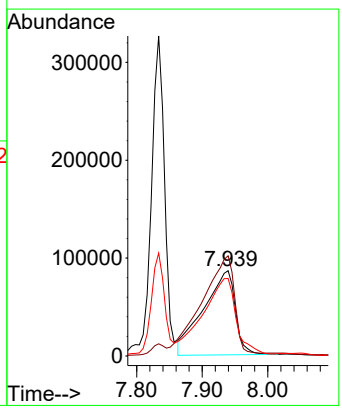


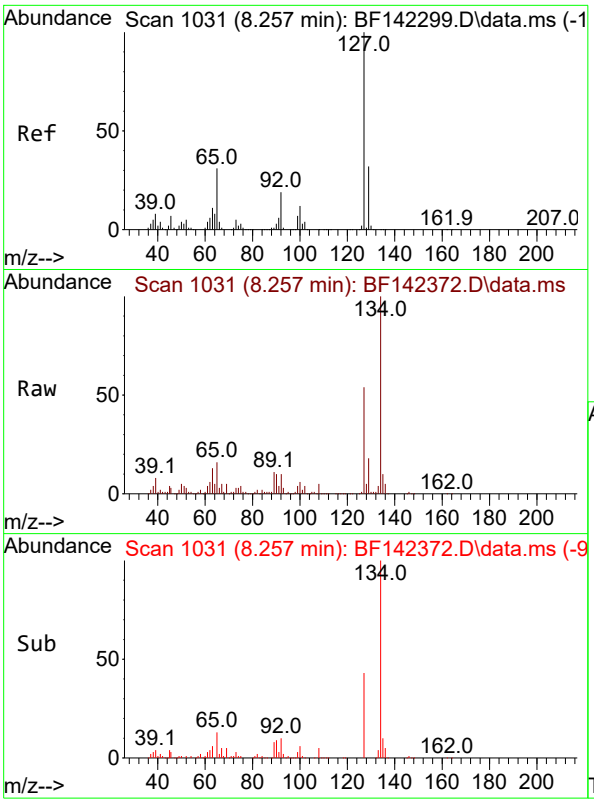


#32
Benzoic acid
Concen: 53.461 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.001 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:122 Resp: 291877

Ion	Ratio	Lower	Upper
122	100		
105	117.4	97.9	137.9
77	90.8	67.7	107.7



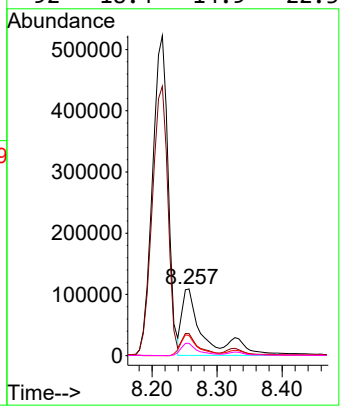


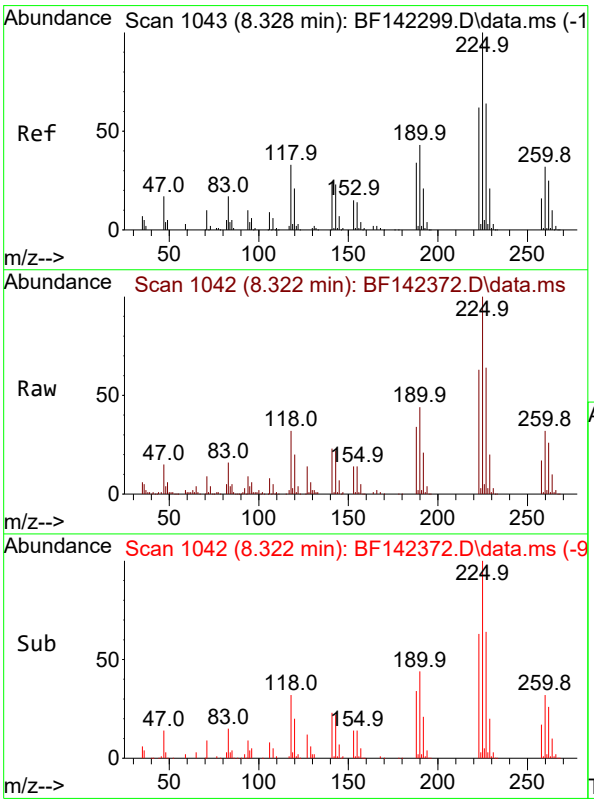
#33
4-Chloroaniline
Concen: 20.520 ng m
RT: 8.257 min Scan# 1
Delta R.T. -0.010 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:127 Resp: 255915

Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.7	38.5
65	30.1	24.9	37.3
92	18.4	14.9	22.3

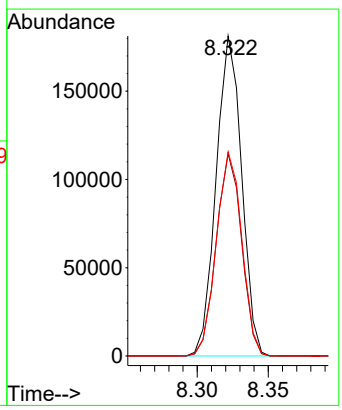


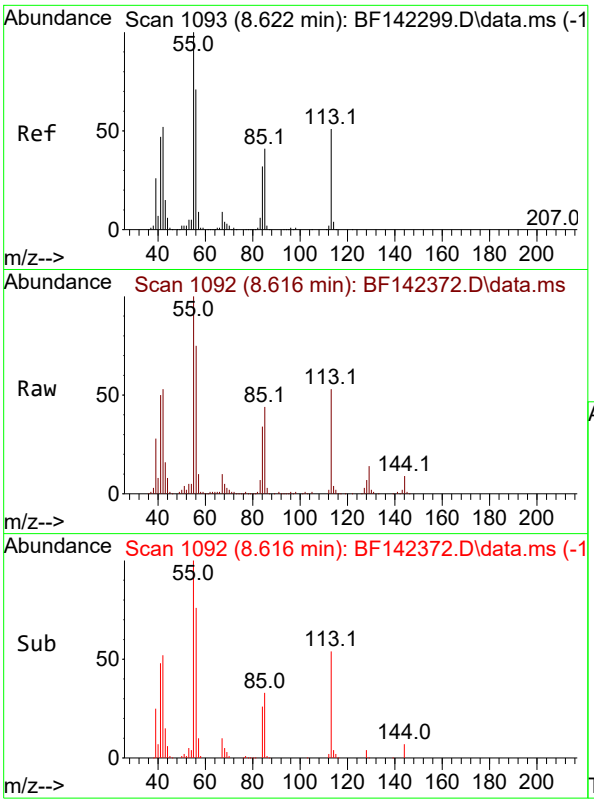


#34
Hexachlorobutadiene
Concen: 40.539 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:225 Resp: 226120

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.6
227	63.8	50.9	76.3



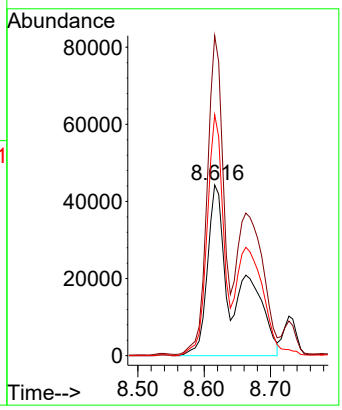


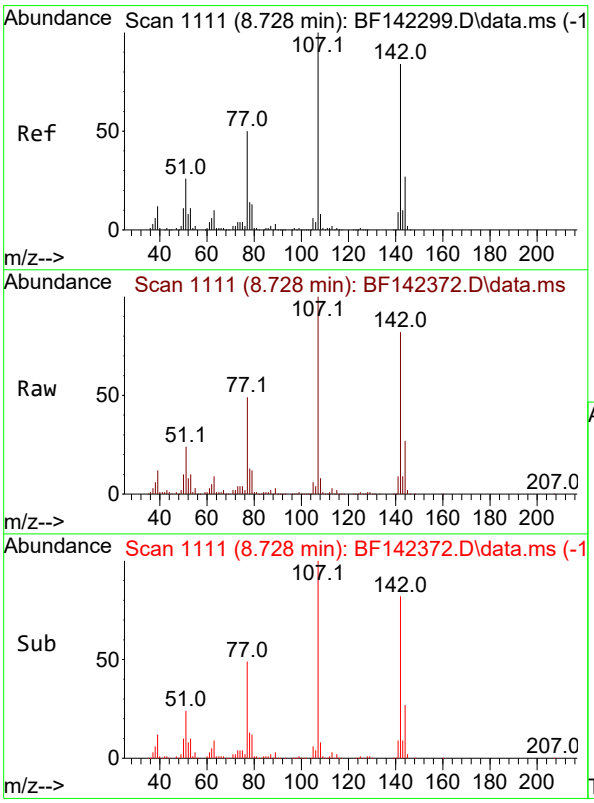
#35
Caprolactam
Concen: 54.327 ng m
RT: 8.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:113 Resp: 132522

Ion	Ratio	Lower	Upper
113	100		
55	187.4	176.4	216.4
56	141.2	120.3	160.3

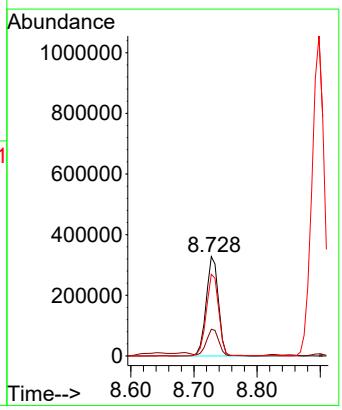


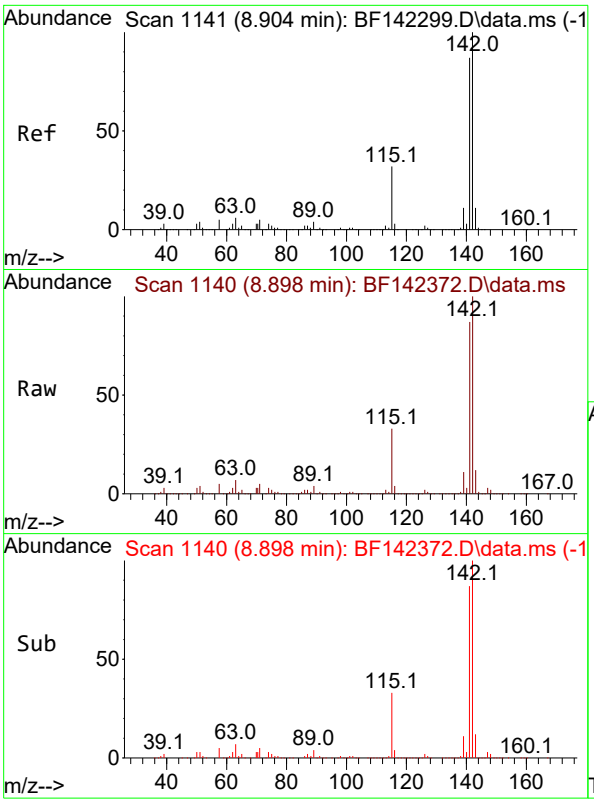


#36
4-Chloro-3-methylphenol
Concen: 50.696 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:107 Resp: 441090

Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.3	31.9
142	82.3	66.9	100.3



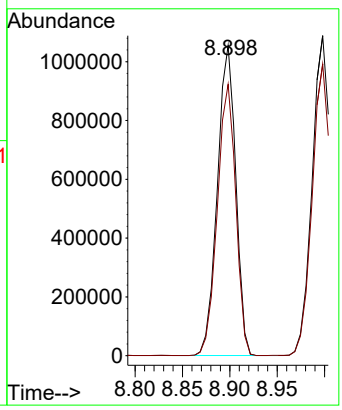


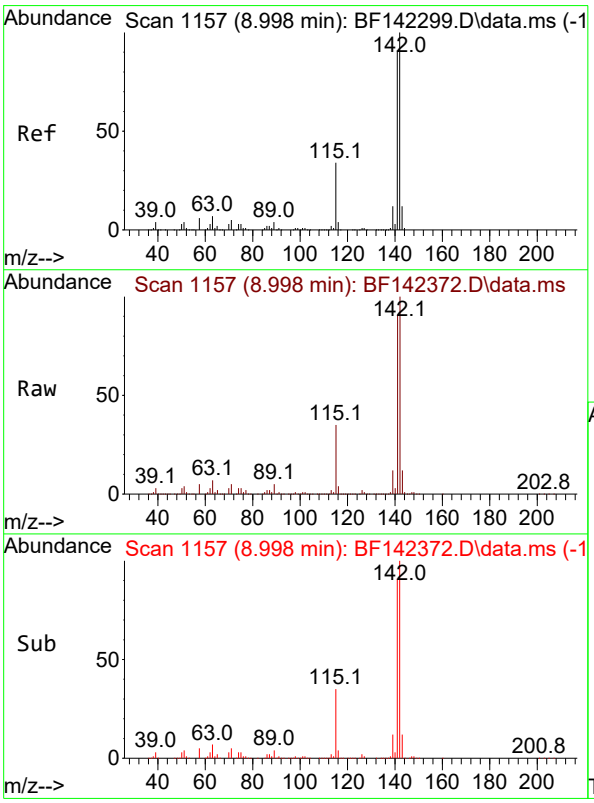
#37
2-Methylnaphthalene
Concen: 75.146 ng
RT: 8.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:142 Resp: 1427181

Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.4	104.2

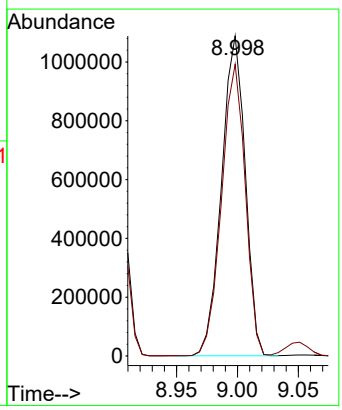


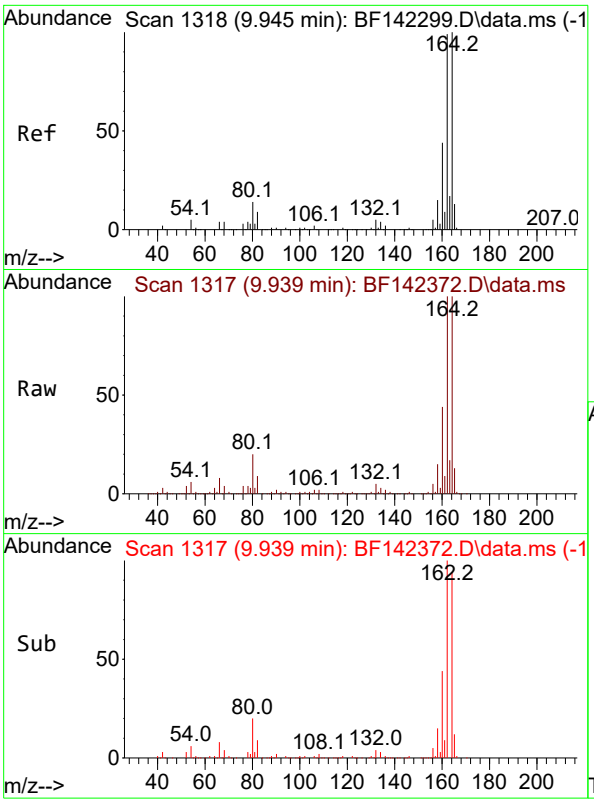


#38
1-Methylnaphthalene
Concen: 74.528 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:142 Resp: 1475266

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.5	108.7



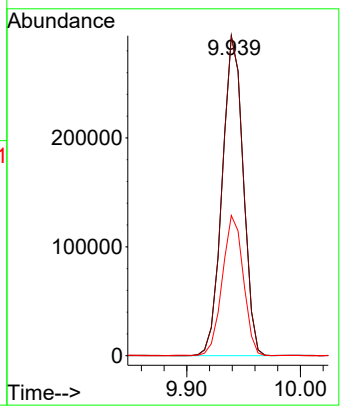


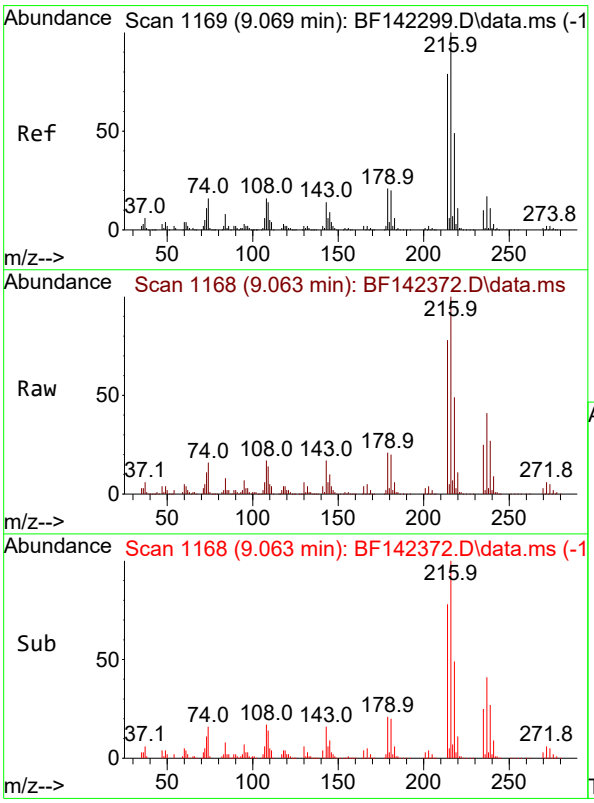
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:164 Resp: 377760

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.2	118.8
160	43.8	35.3	52.9

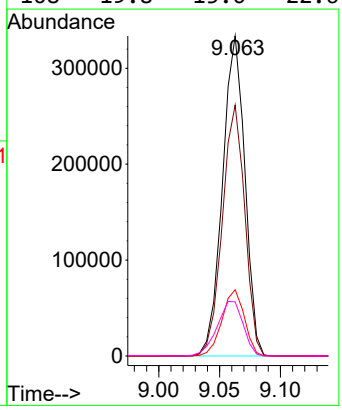


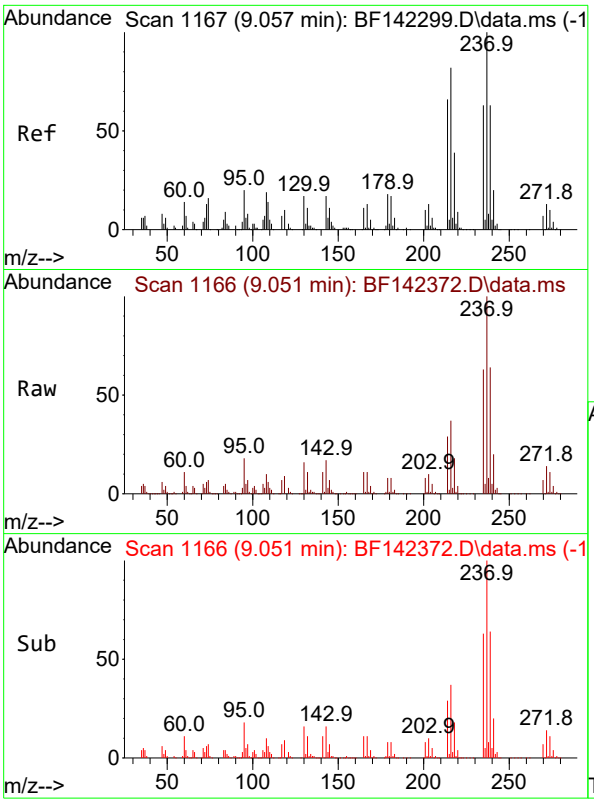


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.498 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:216 Resp: 427277

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.8	95.6
179	20.8	17.0	25.6
108	19.8	15.0	22.6



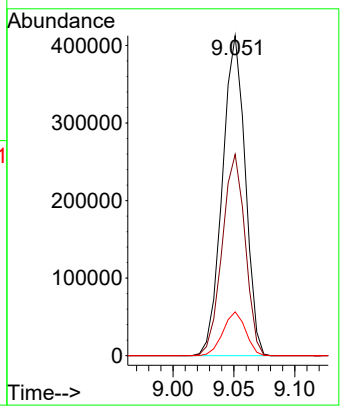


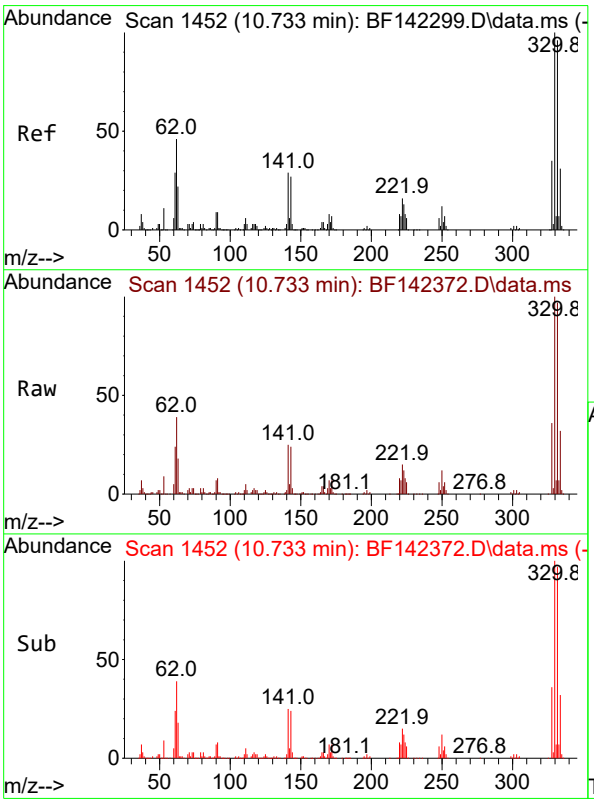
#41
Hexachlorocyclopentadiene
Concen: 82.773 ng
RT: 9.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:237 Resp: 539719

Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.8	82.8
272	13.7	0.0	33.0

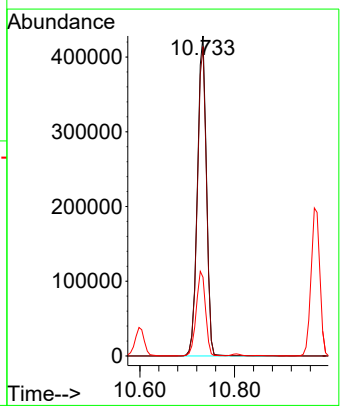


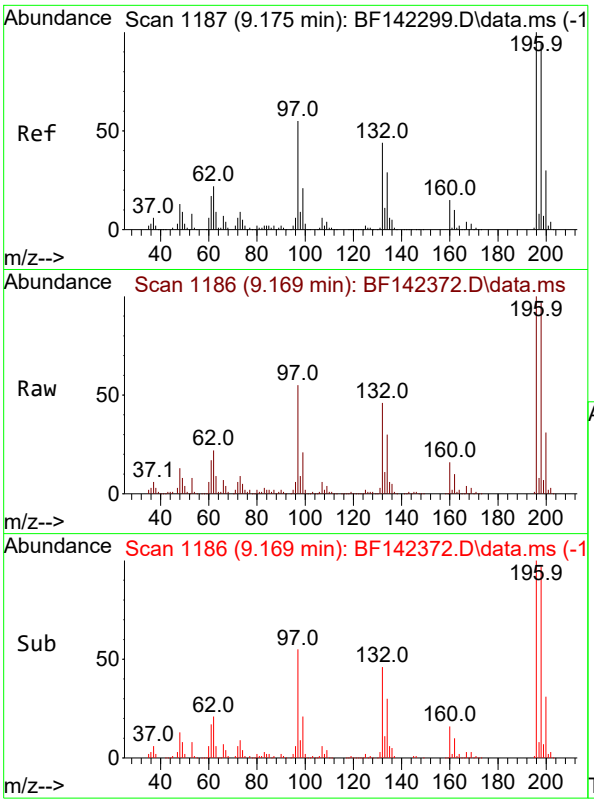


#42
2,4,6-Tribromophenol
Concen: 155.413 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:330 Resp: 566824

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	27.2	24.9	37.3



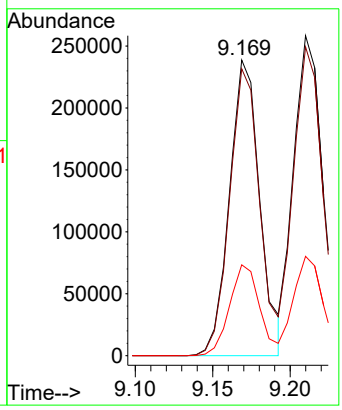


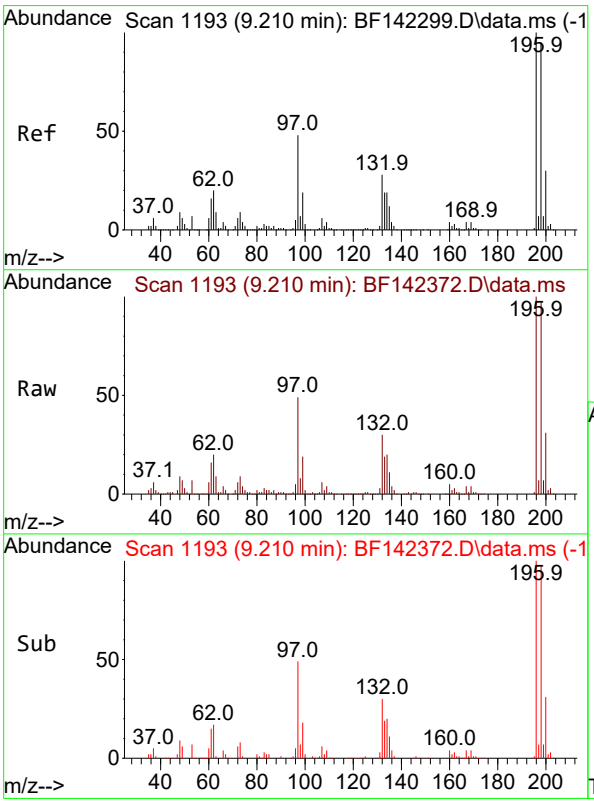
#43
2,4,6-Trichlorophenol
Concen: 48.851 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:196 Resp: 325096

Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.4	113.0
200	30.7	24.3	36.5

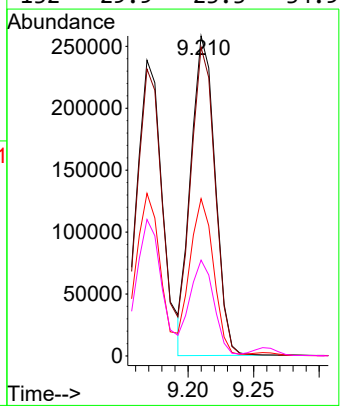


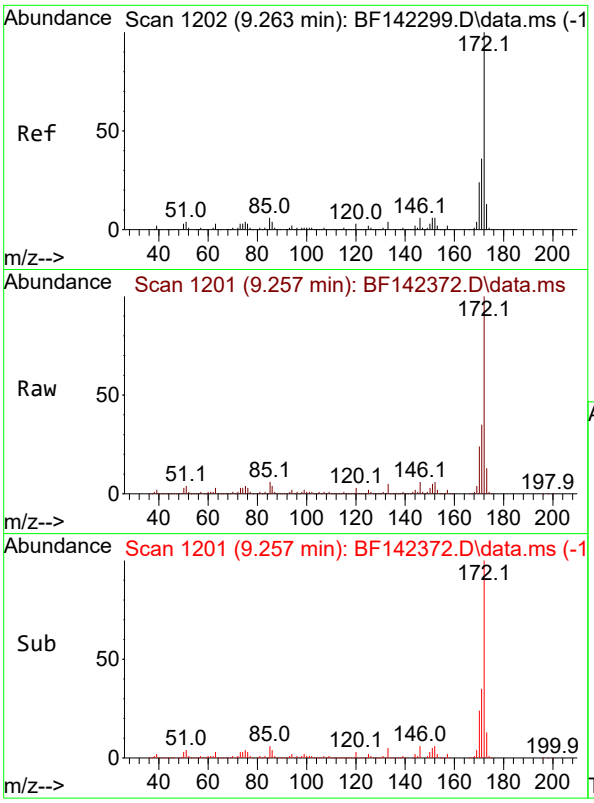


#44
2,4,5-Trichlorophenol
Concen: 47.001 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:196 Resp: 332806

Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.1	114.1
97	49.2	39.0	58.4
132	29.9	23.3	34.9



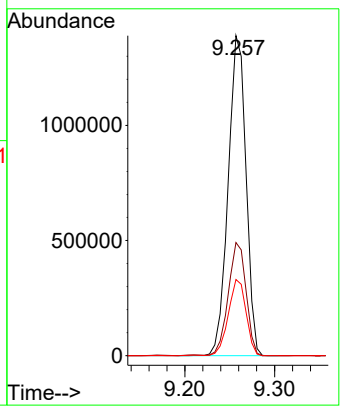


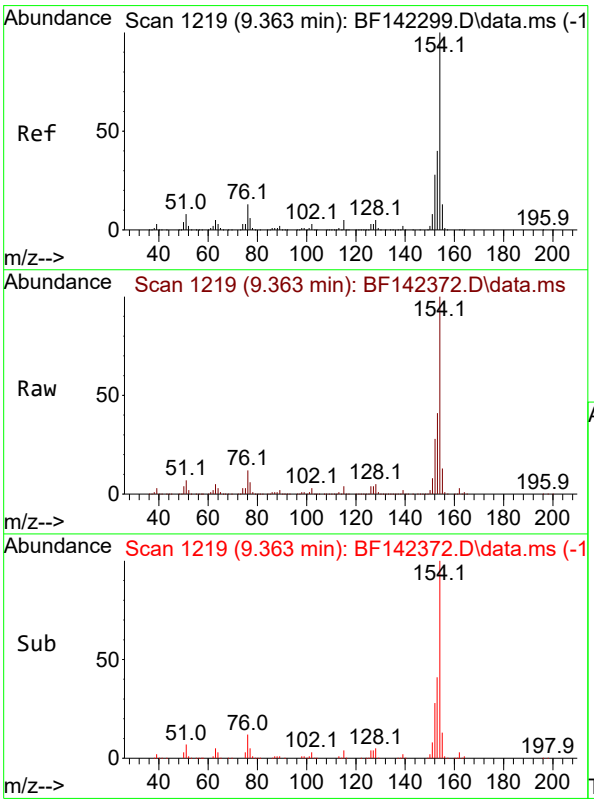
#45
2-Fluorobiphenyl
Concen: 72.337 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:172 Resp: 1916439

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.8	19.0	28.4

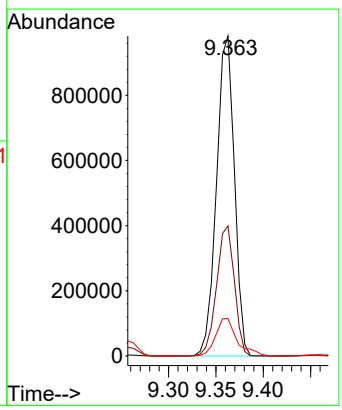


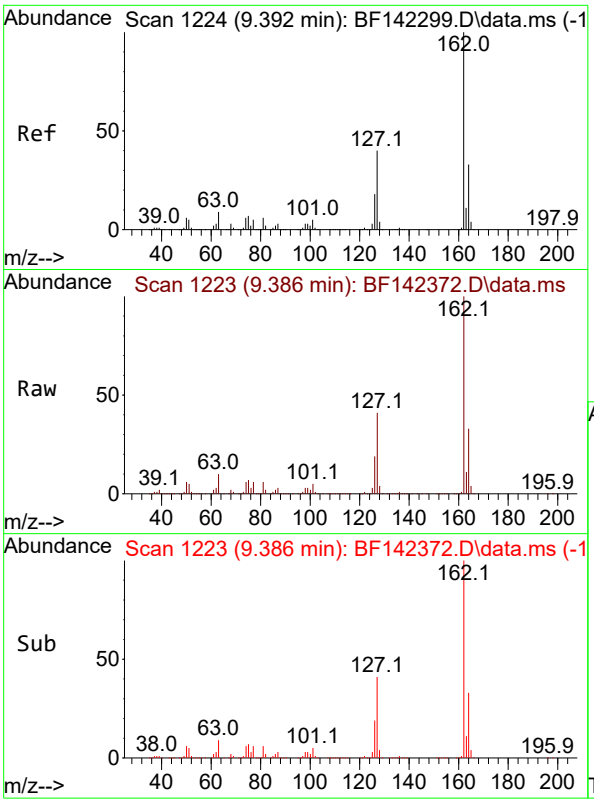


#46
1,1'-Biphenyl
Concen: 44.576 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:154 Resp: 1291111

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	11.7	0.0	32.8



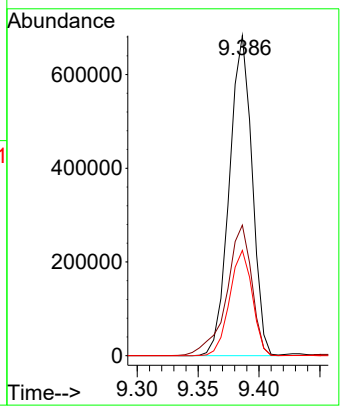


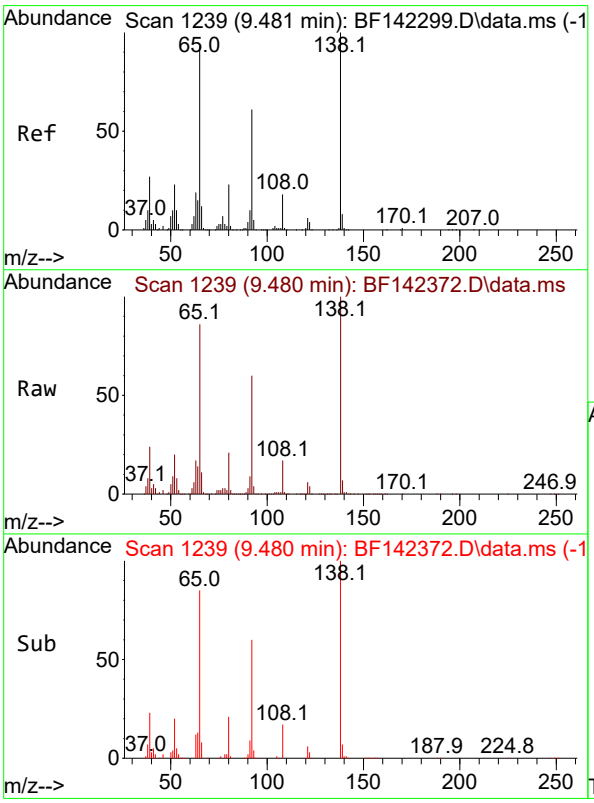
#47
2-Chloronaphthalene
Concen: 41.209 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:162 Resp: 887639

Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.3	48.5
164	32.9	26.6	40.0

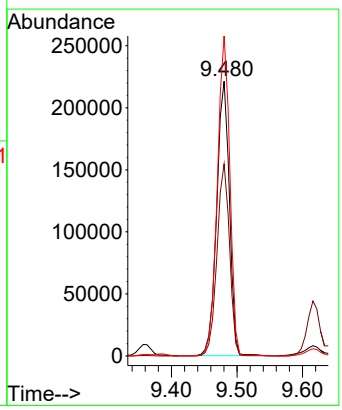


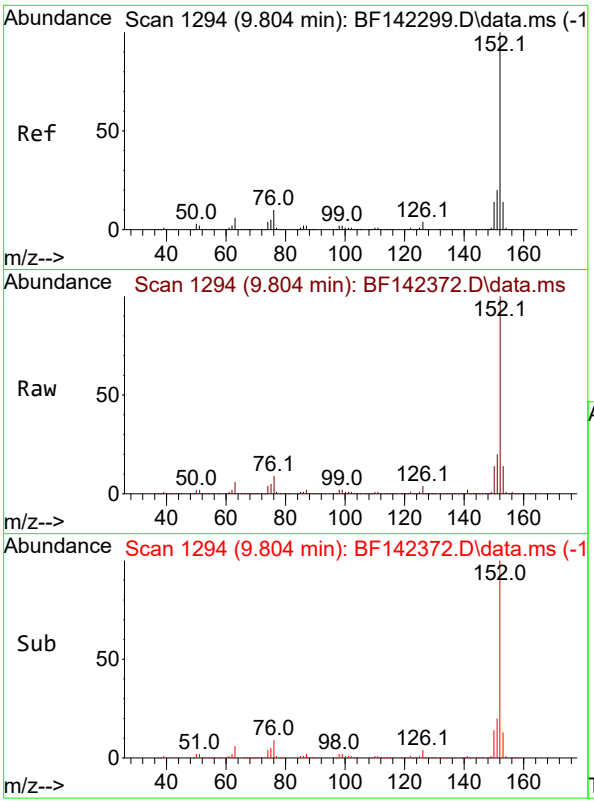


#48
2-Nitroaniline
Concen: 53.512 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion: 65 Resp: 295451

Ion	Ratio	Lower	Upper
65	100		
92	69.9	52.3	78.5
138	116.5	85.6	128.4



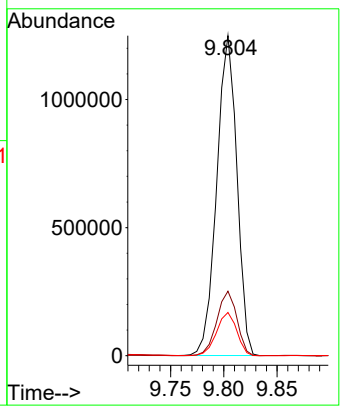


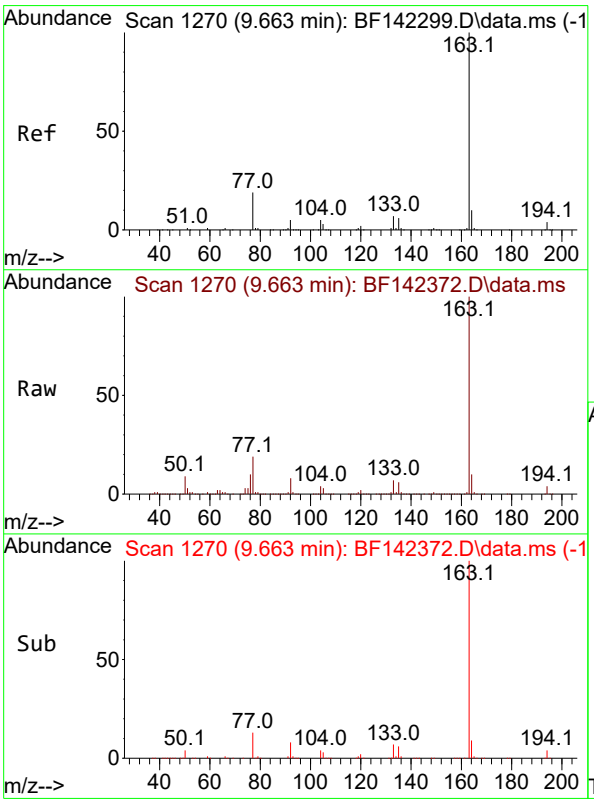
#49
Acenaphthylene
Concen: 45.550 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:152 Resp: 1641352

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.5	10.8	16.2

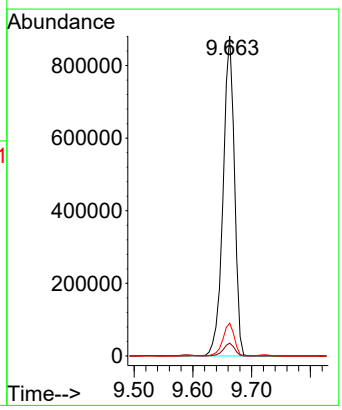


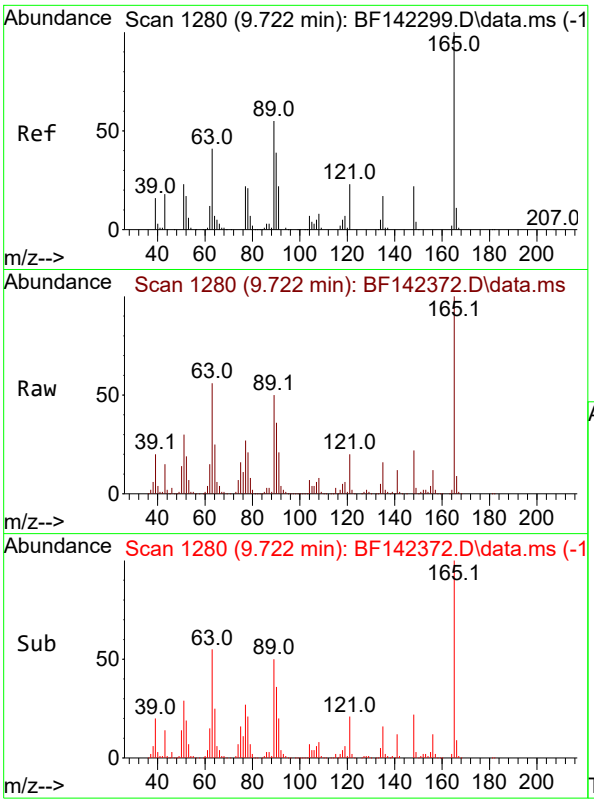


#50
Dimethylphthalate
Concen: 48.648 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:163 Resp: 1180045

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.2	8.3	12.5



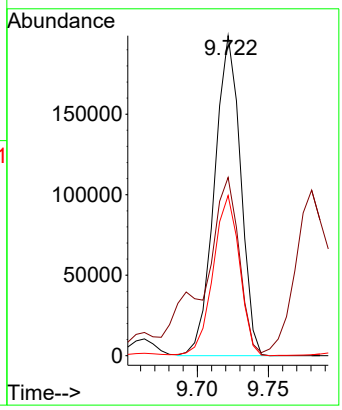


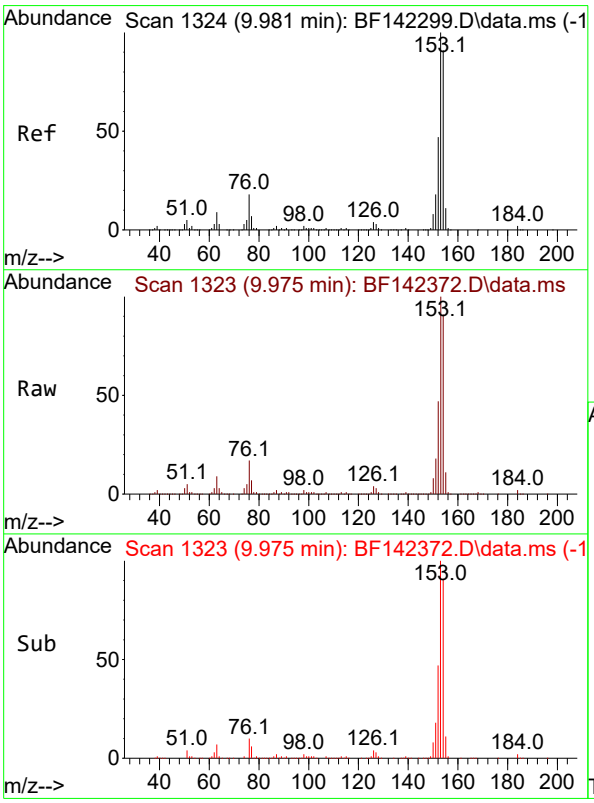
#51
2,6-Dinitrotoluene
Concen: 55.909 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:165 Resp: 253851

Ion	Ratio	Lower	Upper
165	100		
63	55.7	49.5	74.3
89	50.1	44.6	66.8

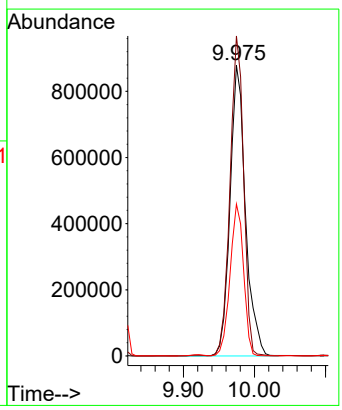


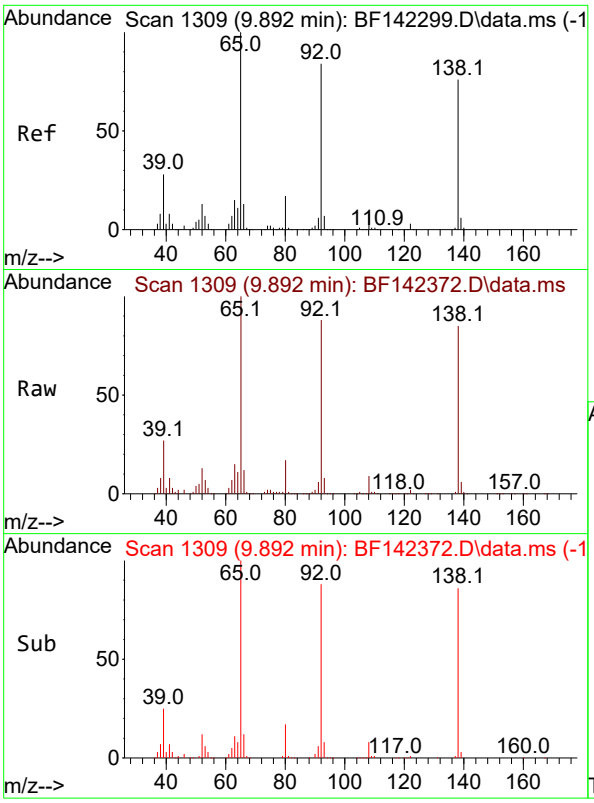


#52
Acenaphthene
Concen: 61.399 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:154 Resp: 1330307

Ion	Ratio	Lower	Upper
154	100		
153	110.1	88.0	132.0
152	52.3	41.6	62.4



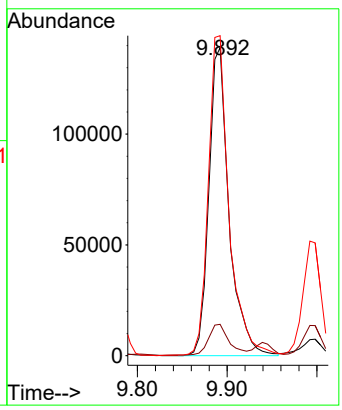


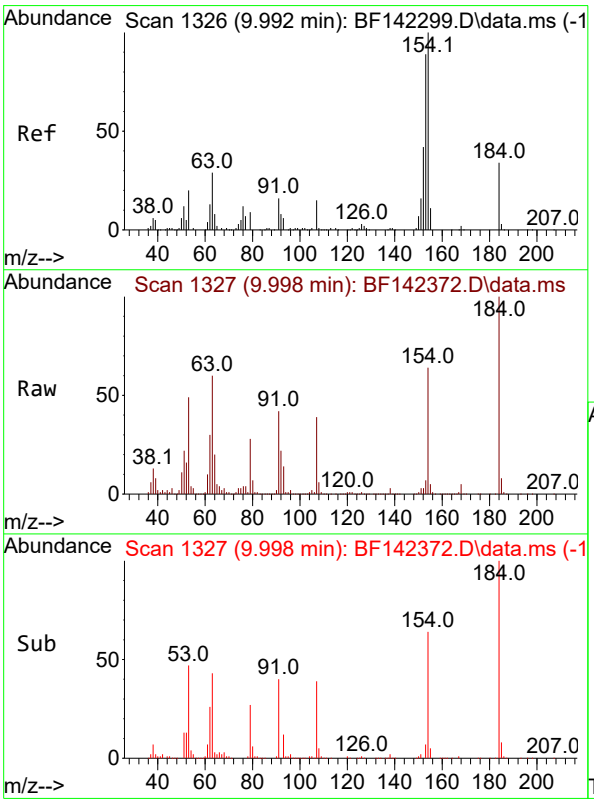
#53
3-Nitroaniline
Concen: 40.722 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:138 Resp: 216852

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.7	13.1
92	103.8	89.5	134.3

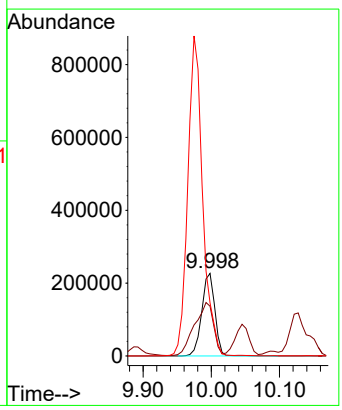


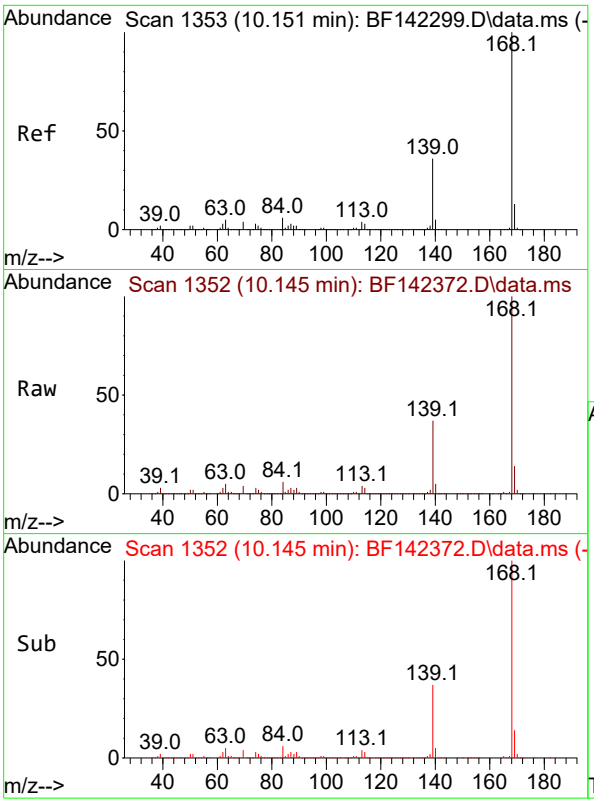


#54
2,4-Dinitrophenol
Concen: 123.256 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:184 Resp: 303669

Ion	Ratio	Lower	Upper
184	100		
63	60.3	70.6	105.8#
154	64.3	257.2	385.8#



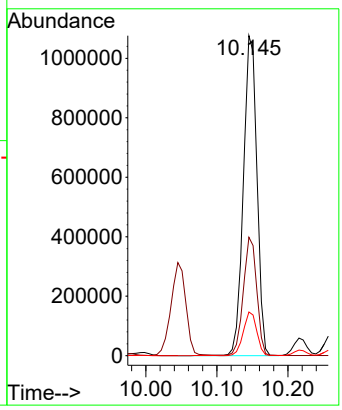


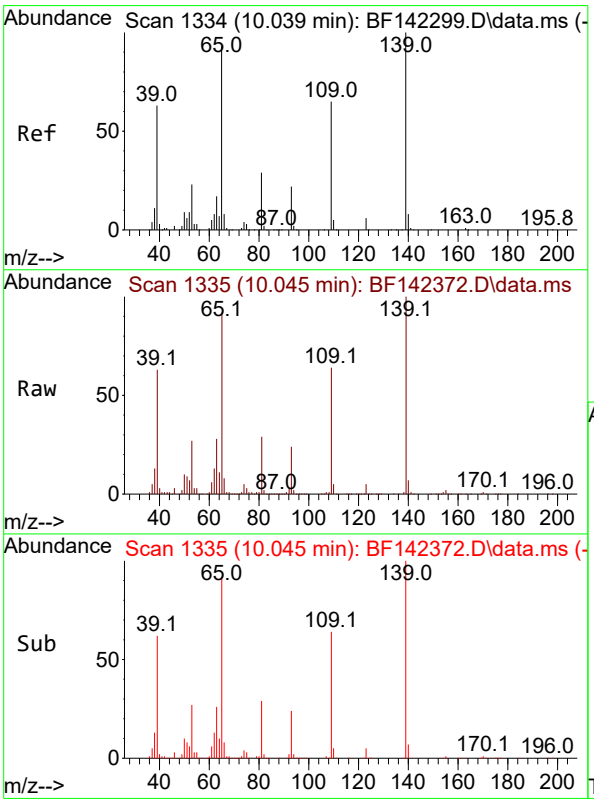
#55
Dibenzofuran
Concen: 44.798 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:168 Resp: 1432463

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.0	43.4
169	13.7	10.7	16.1

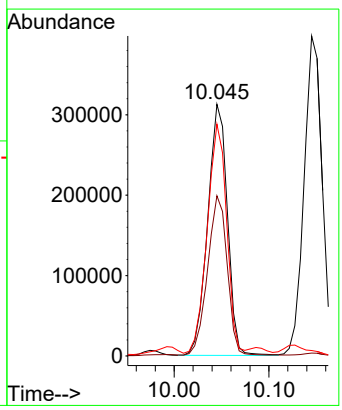


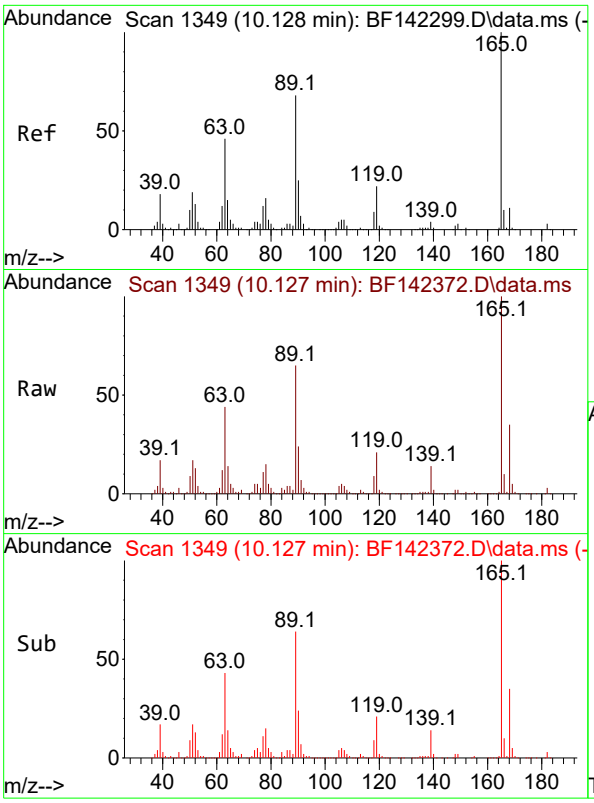


#56
4-Nitrophenol
Concen: 112.787 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:139 Resp: 452026

Ion	Ratio	Lower	Upper
139	100		
109	63.7	45.3	85.3
65	92.2	73.9	113.9



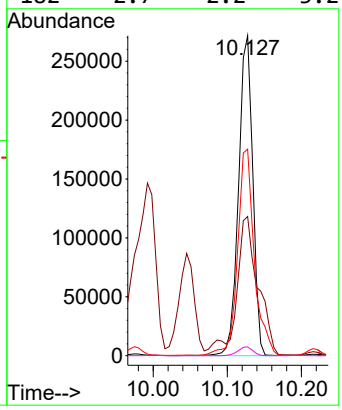


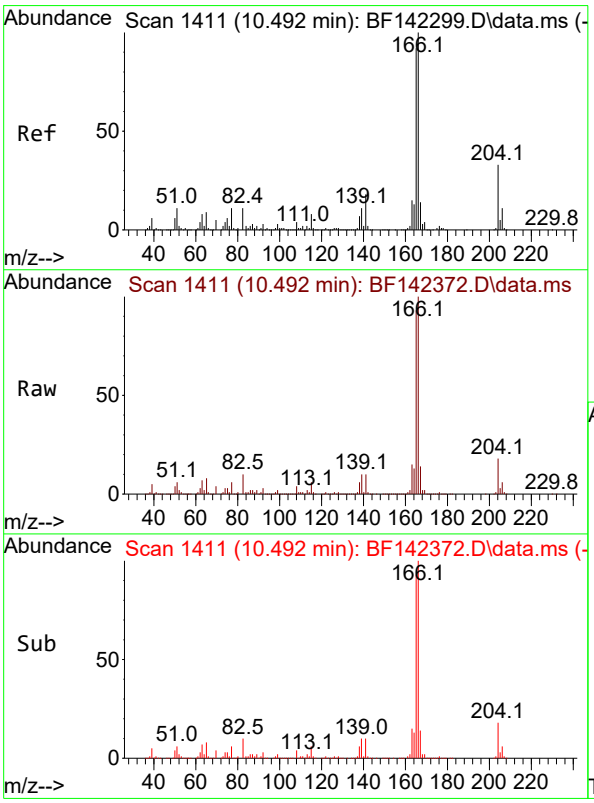
#57
2,4-Dinitrotoluene
Concen: 62.237 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:165 Resp: 362477

Ion	Ratio	Lower	Upper
165	100		
63	43.5	37.1	55.7
89	64.6	54.4	81.6
182	2.7	2.2	3.2

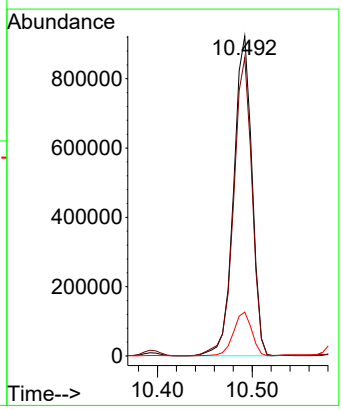


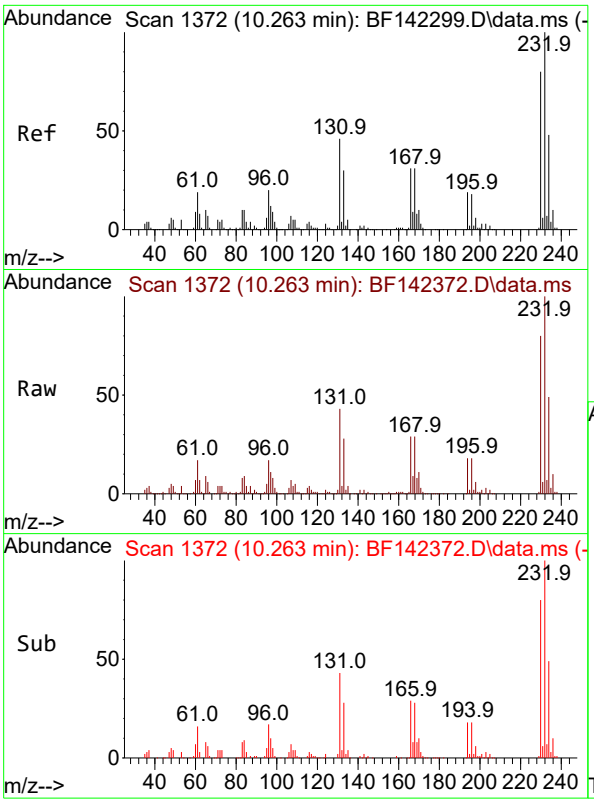


#58
Fluorene
Concen: 50.603 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:166 Resp: 1234838

Ion	Ratio	Lower	Upper
166	100		
165	93.2	74.0	111.0
167	13.7	10.9	16.3



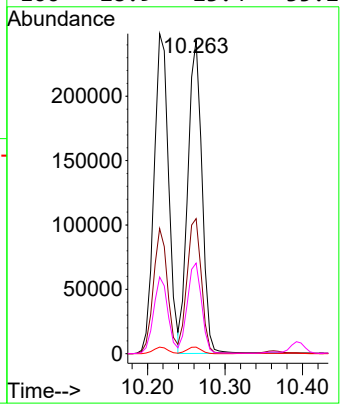


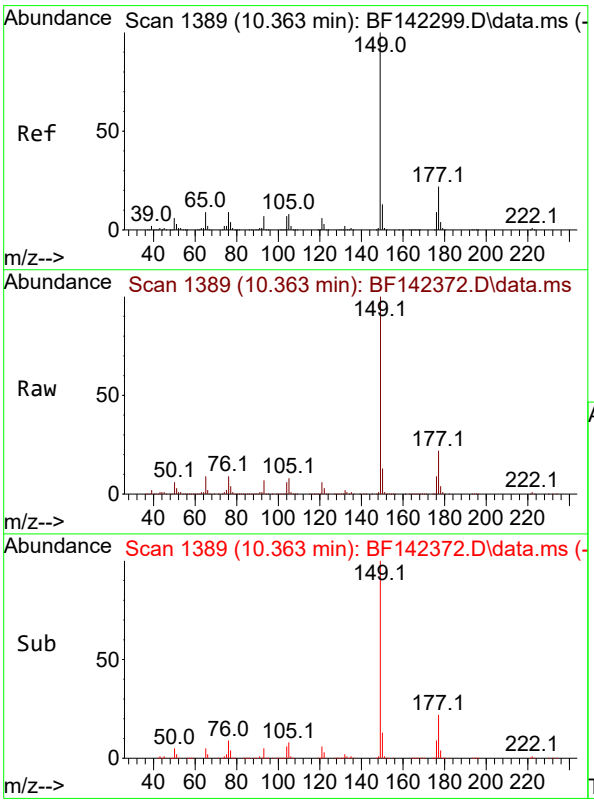
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.740 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:232 Resp: 308281

Ion	Ratio	Lower	Upper
232	100		
131	43.8	36.0	54.0
130	2.2	1.8	2.6
166	28.9	23.4	35.2

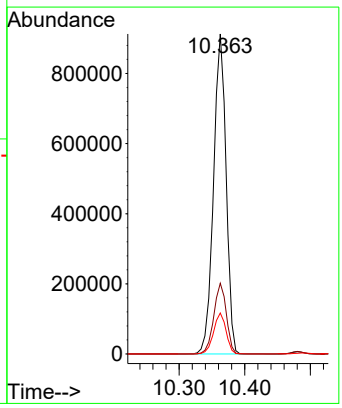


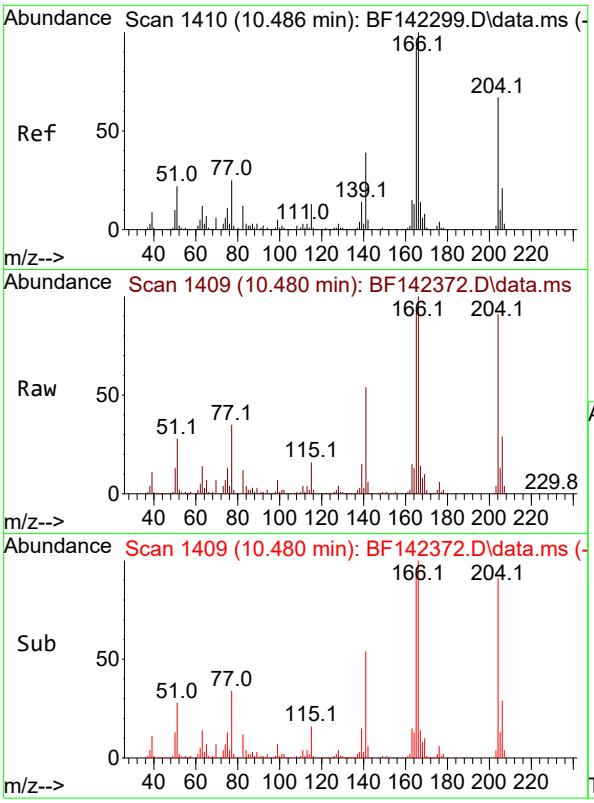


#60
Diethylphthalate
Concen: 50.231 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:149 Resp: 1216822

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.6	26.4
150	12.8	10.1	15.1



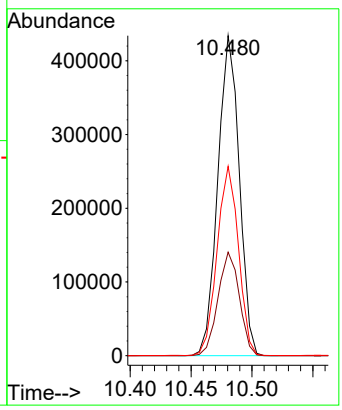


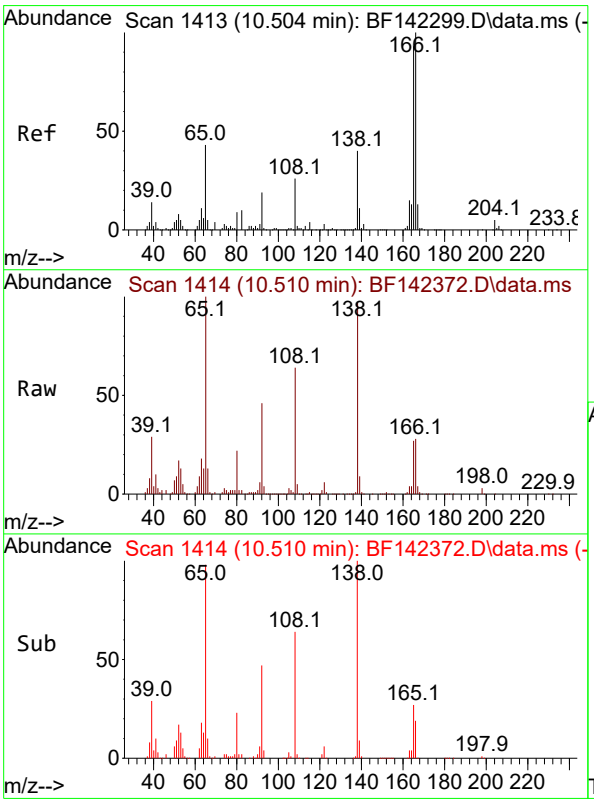
#61
4-Chlorophenyl-phenylether
Concen: 45.180 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:204 Resp: 531908

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.5	38.3
141	59.1	46.4	69.6

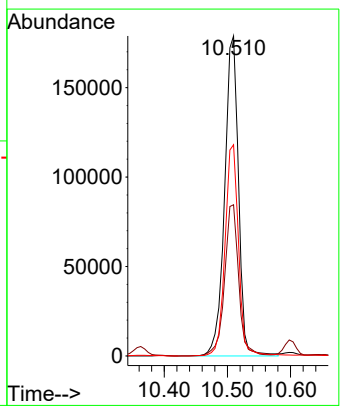


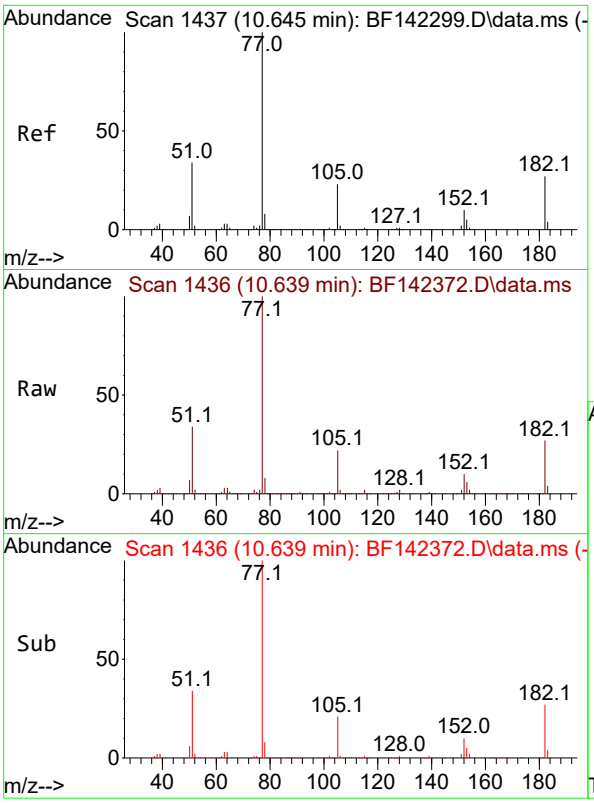


#62
4-Nitroaniline
Concen: 64.771 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:138 Resp: 273368

Ion	Ratio	Lower	Upper
138	100		
92	47.3	27.3	67.3
108	66.0	45.1	85.1



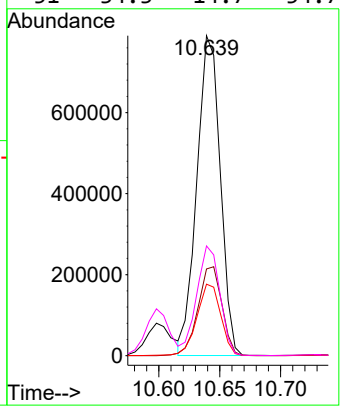


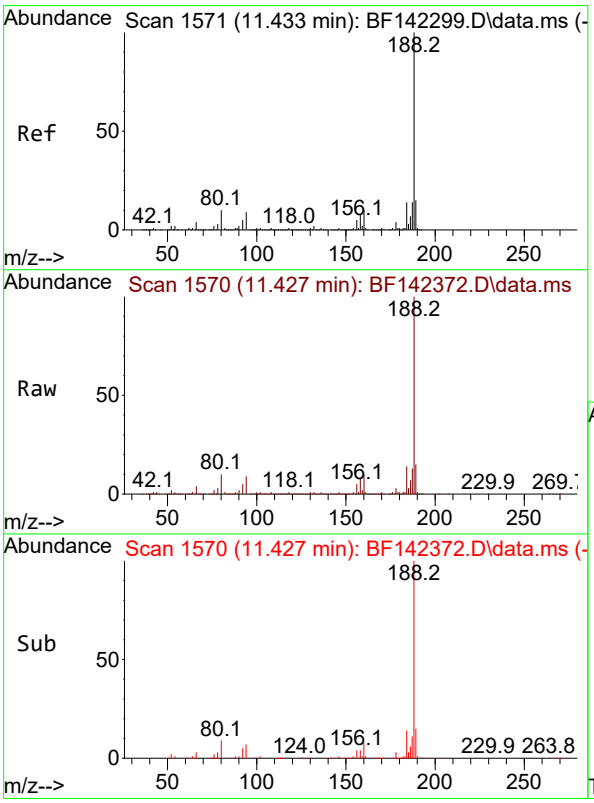
#63
Azobenzene
Concen: 45.580 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion: 77 Resp: 1055114

Ion	Ratio	Lower	Upper
77	100		
182	27.1	6.9	46.9
105	22.3	2.7	42.7
51	34.3	14.7	54.7

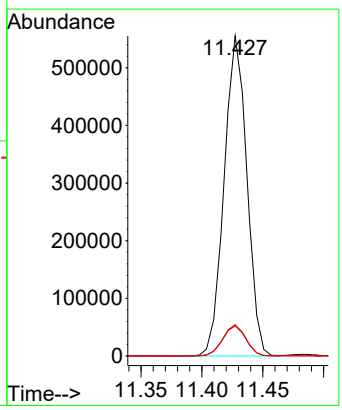


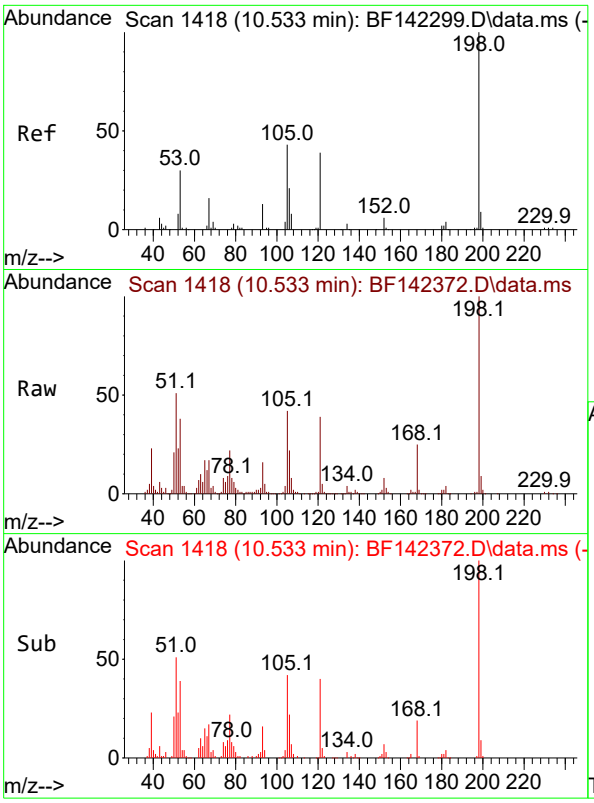


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:188 Resp: 721905

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	9.8	7.9	11.9



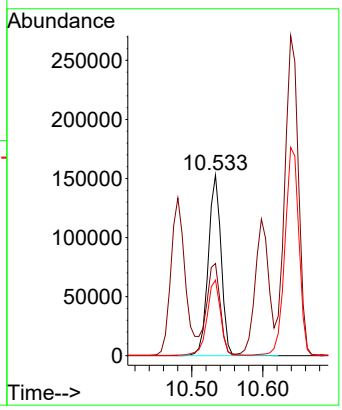


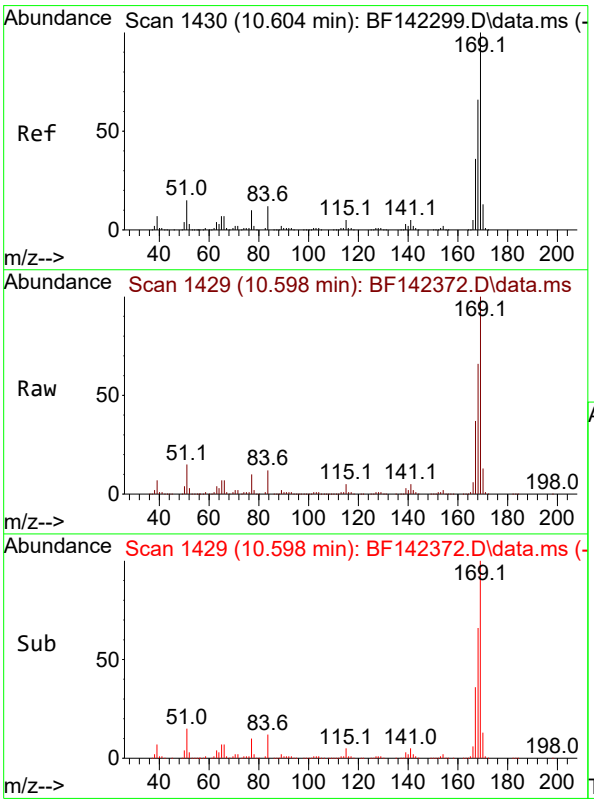
#65
4,6-Dinitro-2-methylphenol
Concen: 55.837 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:198 Resp: 192541

Ion	Ratio	Lower	Upper
198	100		
51	51.0	32.9	72.9
105	41.9	23.7	63.7

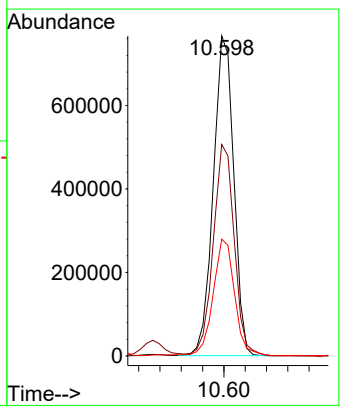


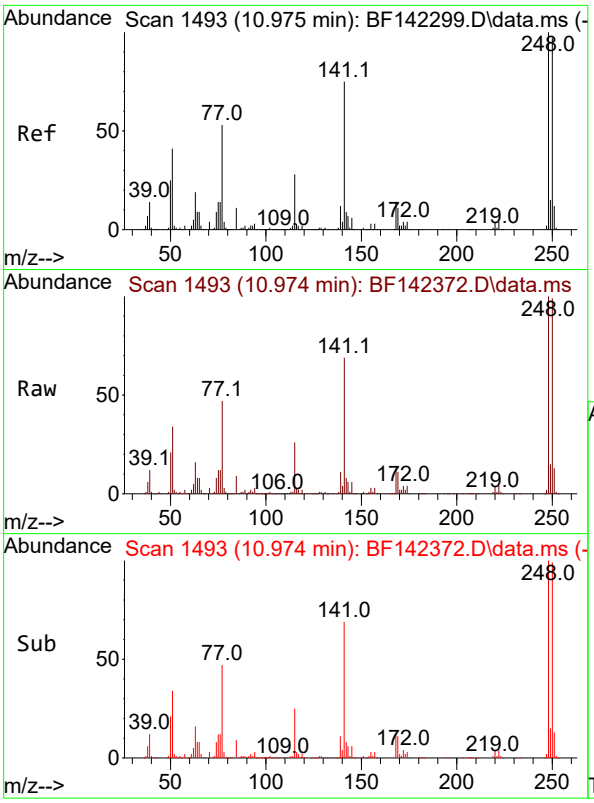


#66
n-Nitrosodiphenylamine
Concen: 42.480 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:169 Resp: 1020454

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.2	79.8
167	36.5	28.9	43.3



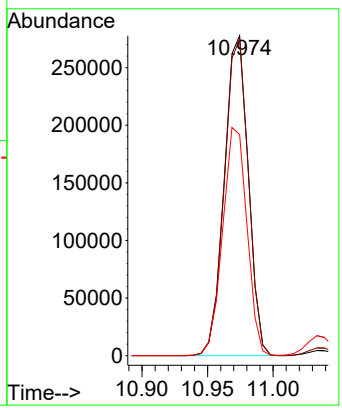


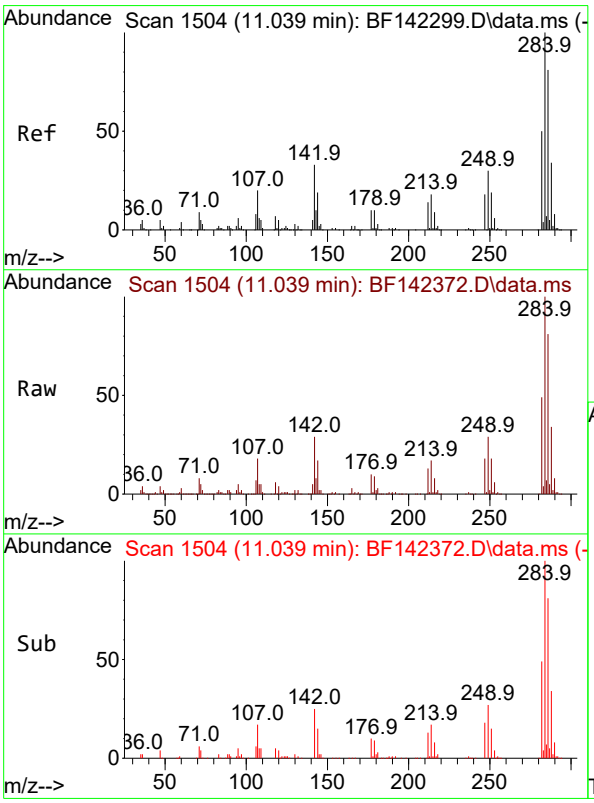
#67
4-Bromophenyl-phenylether
Concen: 43.322 ng
RT: 10.974 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:248 Resp: 354444

Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.9	116.9
141	69.1	59.8	89.8

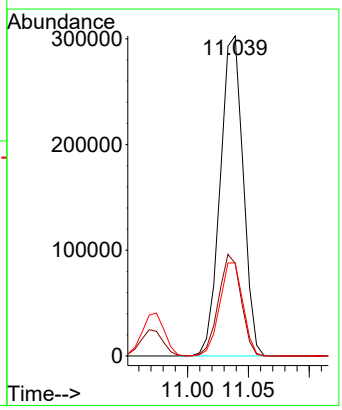


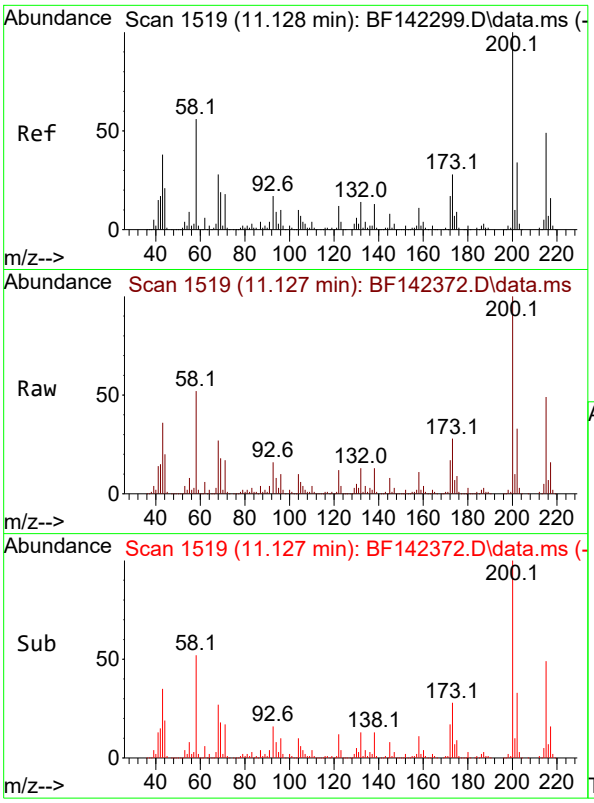


#68
Hexachlorobenzene
Concen: 44.049 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:284 Resp: 396421

Ion	Ratio	Lower	Upper
284	100		
142	28.9	26.6	39.8
249	29.1	24.1	36.1



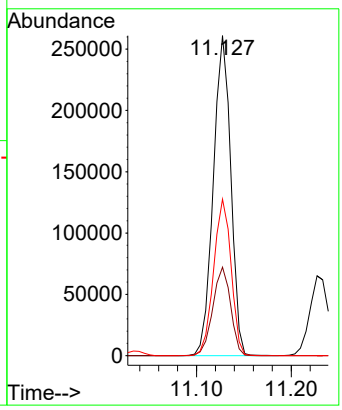


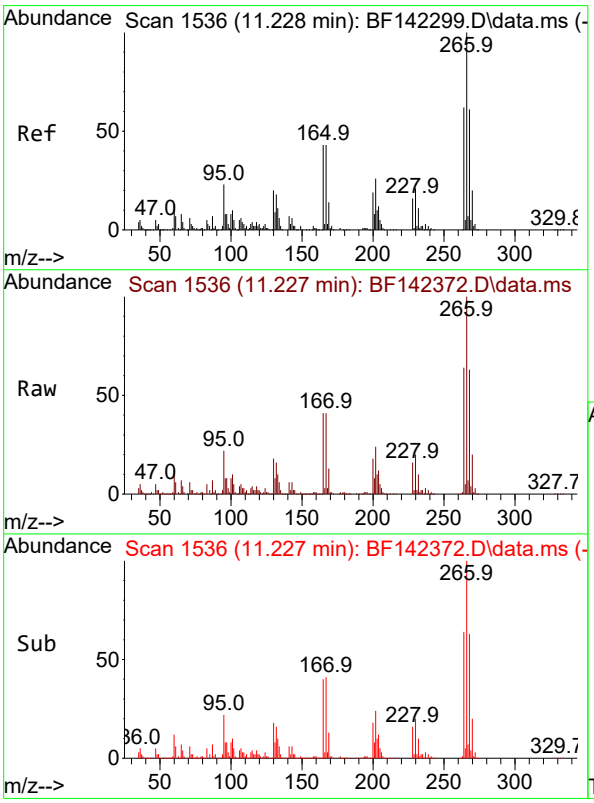
#69
Atrazine
Concen: 52.835 ng
RT: 11.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:200 Resp: 334569

Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.1	48.1
215	48.9	28.8	68.8

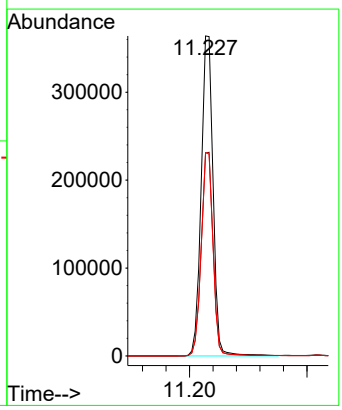


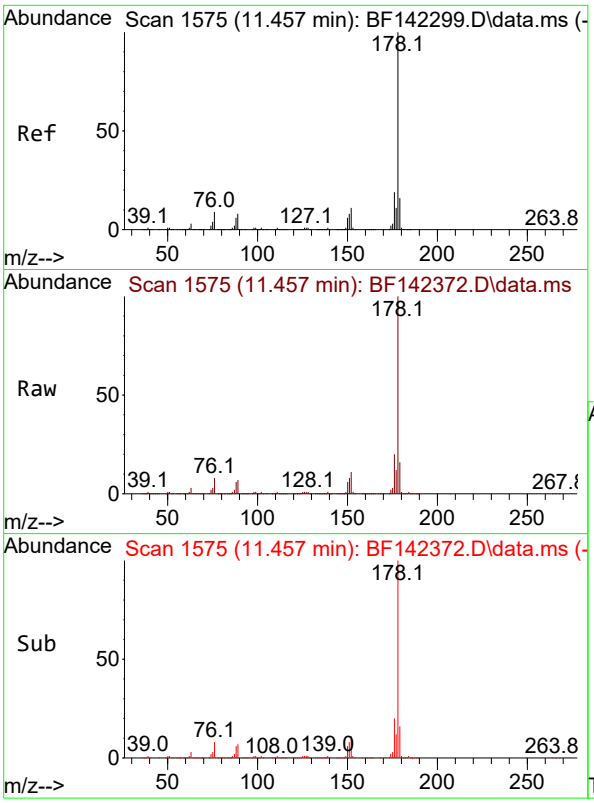


#70
Pentachlorophenol
Concen: 108.252 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:266 Resp: 512510

Ion	Ratio	Lower	Upper
266	100		
268	63.4	48.7	73.1
264	63.5	49.8	74.6



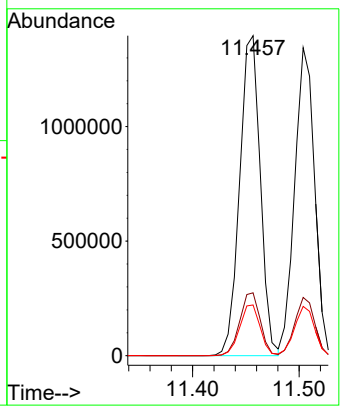


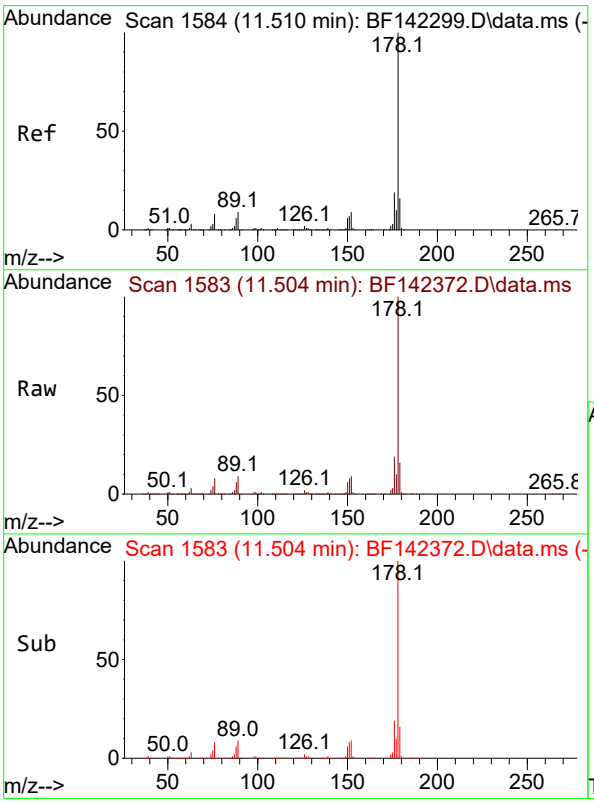
#71
Phenanthrene
Concen: 49.841 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:178 Resp: 1886016

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.9	12.6	18.8

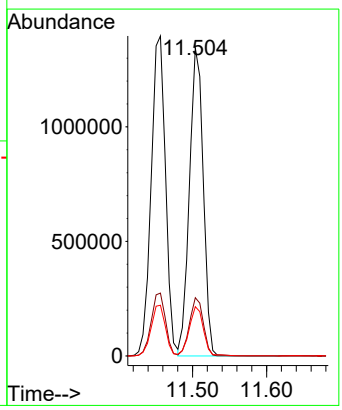


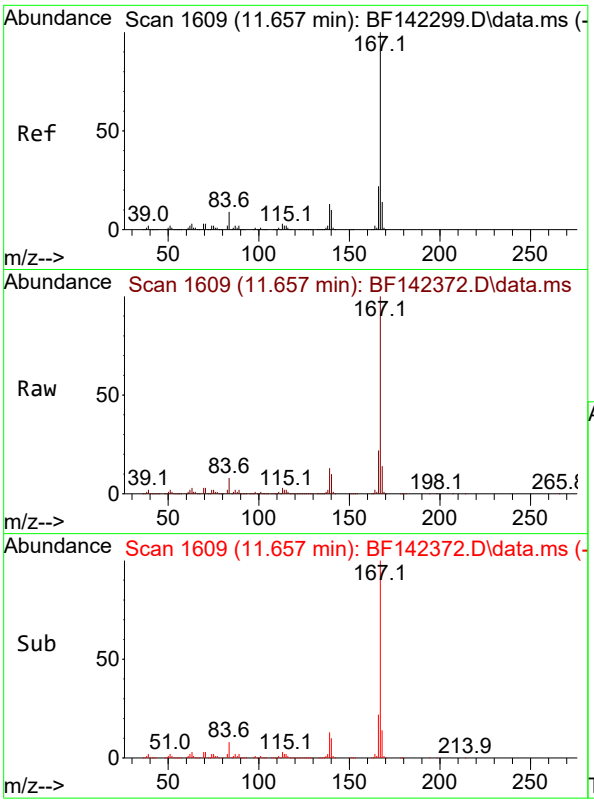


#72
Anthracene
Concen: 44.806 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:178 Resp: 1742097

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	16.0	12.6	18.8



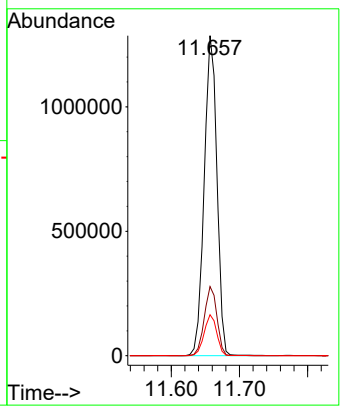


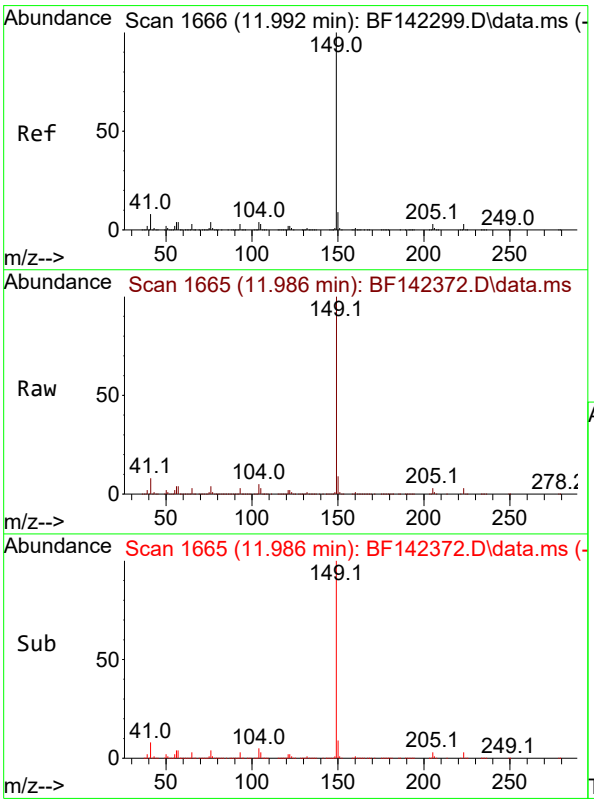
#73
Carbazole
Concen: 47.842 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:167 Resp: 1668872

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.8	10.3	15.5

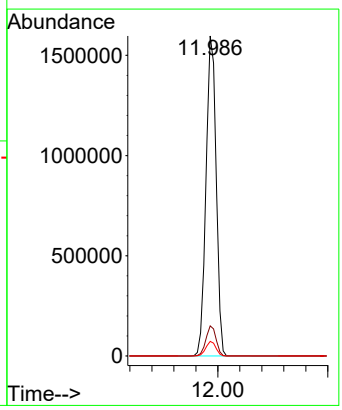


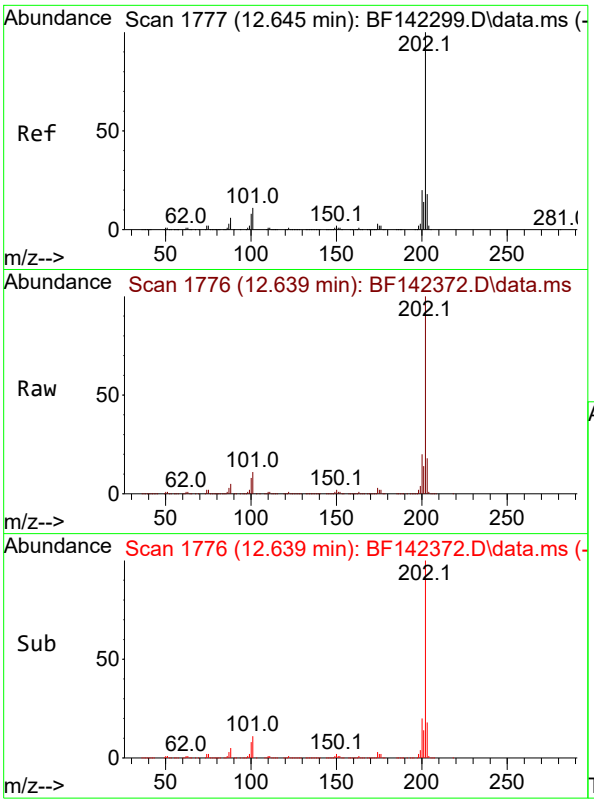


#74
Di-n-butylphthalate
Concen: 55.601 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:149 Resp: 2039460

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.6	3.6	5.4



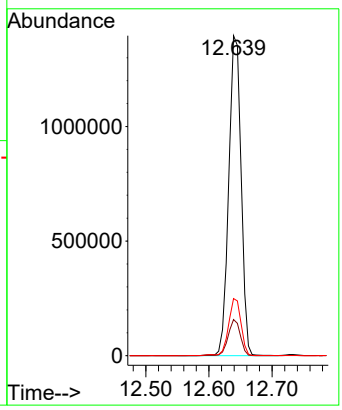


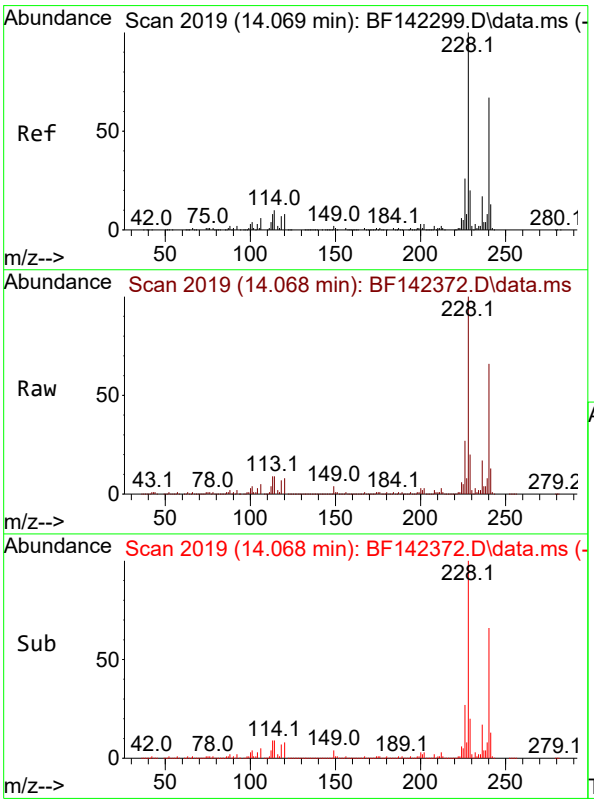
#75
Fluoranthene
Concen: 50.071 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:202 Resp: 1893989

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.4
203	17.9	0.0	37.9

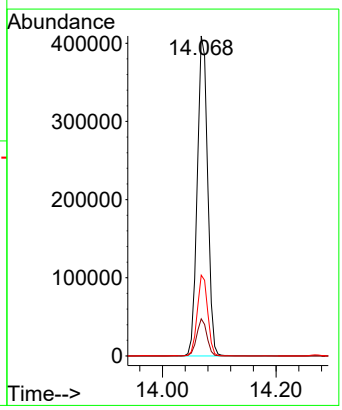


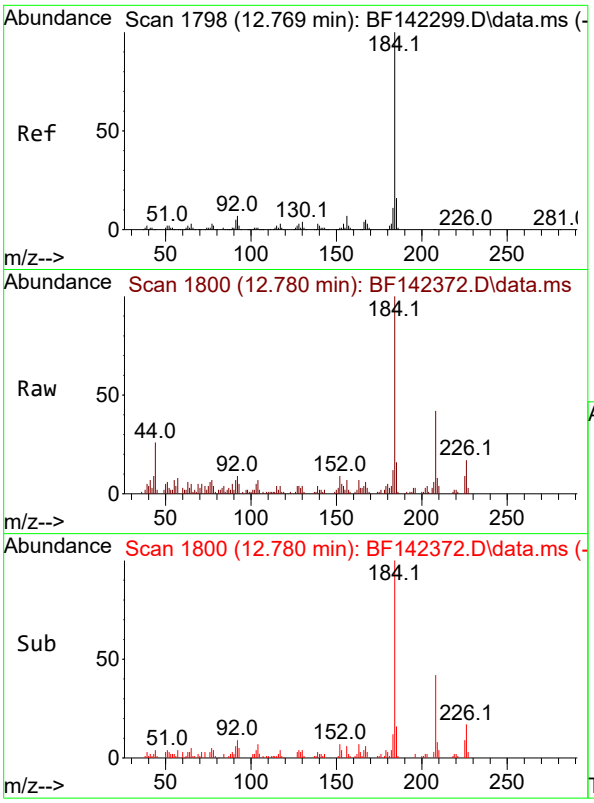


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:240 Resp: 522947

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.7	14.5
236	25.3	20.0	30.0



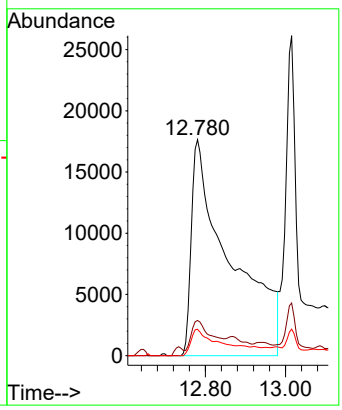


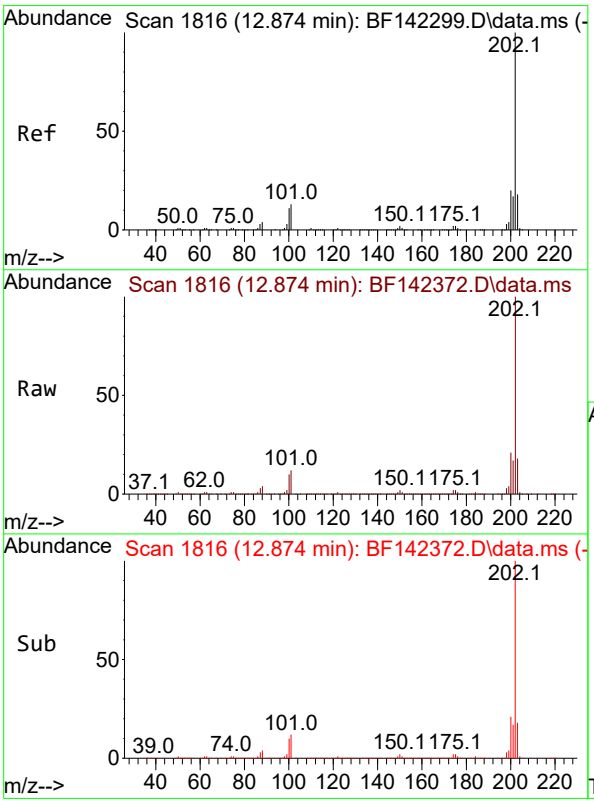
#77
Benzidine
Concen: 12.418 ng m
RT: 12.780 min Scan# 1
Delta R.T. 0.011 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:184 Resp: 118011

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.6	18.8
183	12.2	8.6	12.8

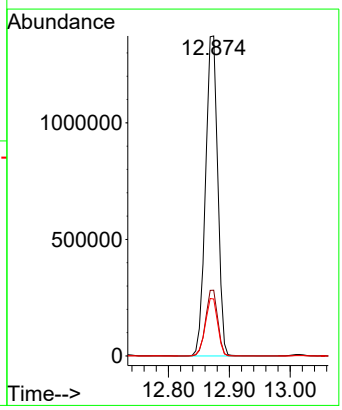


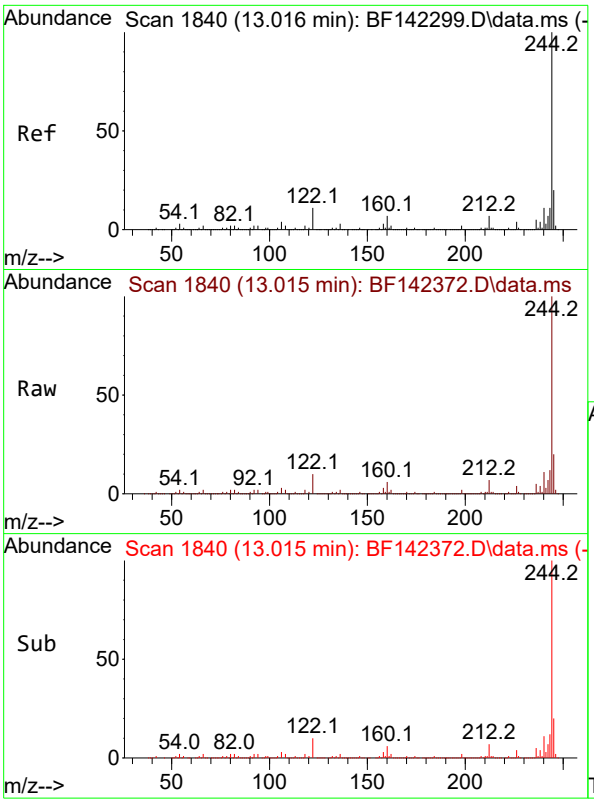


#78
Pyrene
Concen: 41.023 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:202 Resp: 1909520

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.4
203	17.8	14.3	21.5



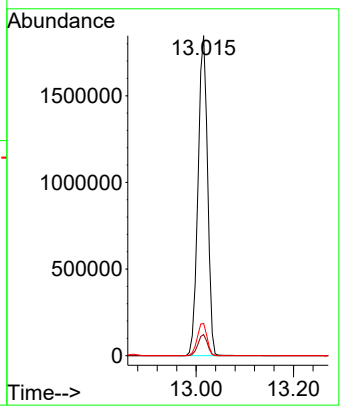


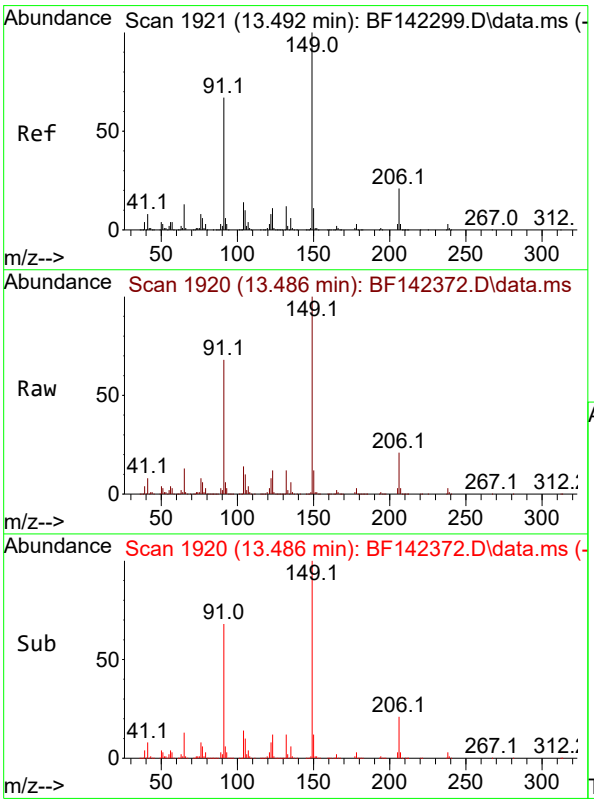
#79
Terphenyl-d14
Concen: 71.253 ng
RT: 13.015 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:244 Resp: 2517488

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.1	9.0	13.4

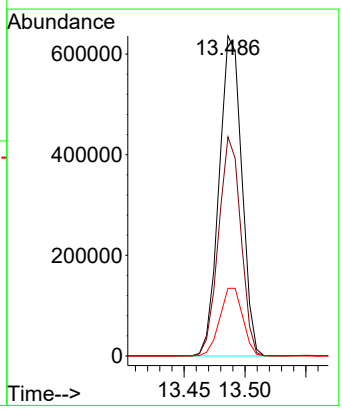


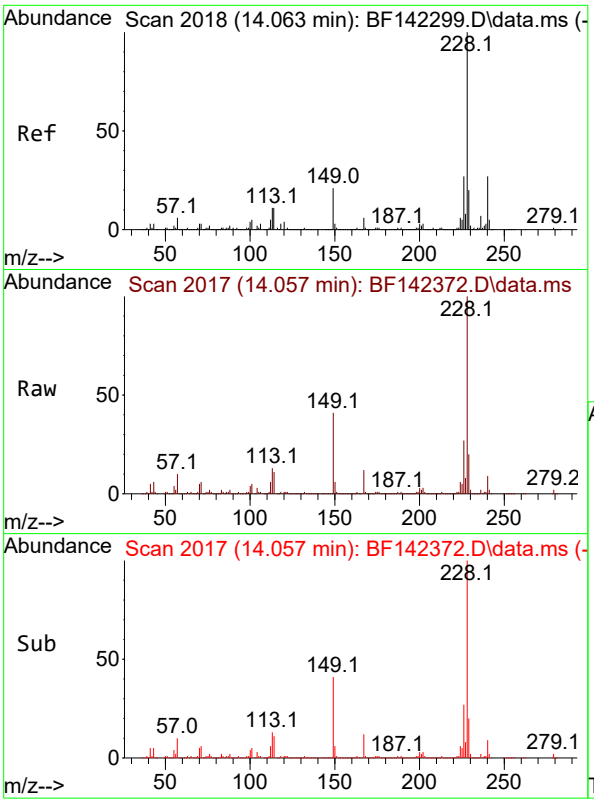


#80
Butylbenzylphthalate
Concen: 59.653 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:149 Resp: 823405

Ion	Ratio	Lower	Upper
149	100		
91	68.5	53.8	80.6
206	21.2	16.6	24.8



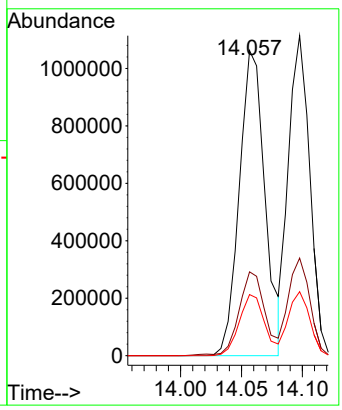


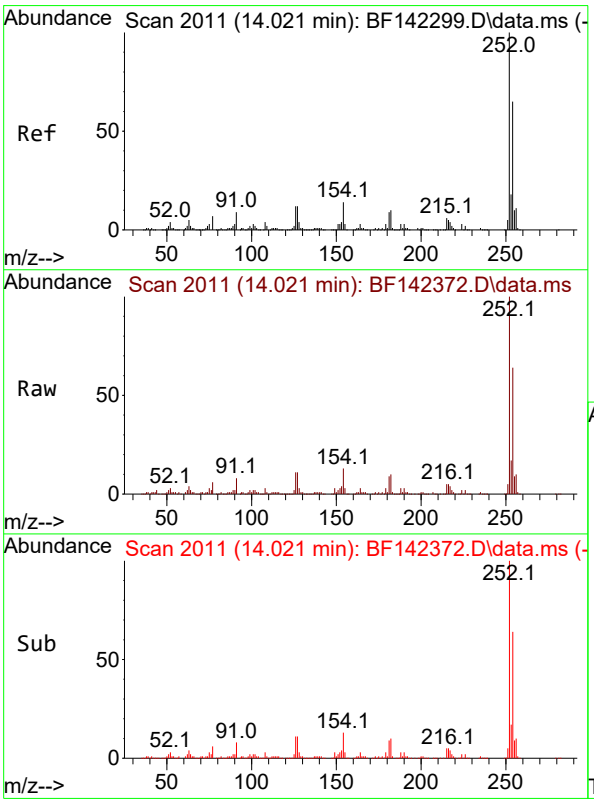
#81
Benzo(a)anthracene
Concen: 46.126 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:228 Resp: 1562122

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.5	32.3
229	20.1	15.9	23.9

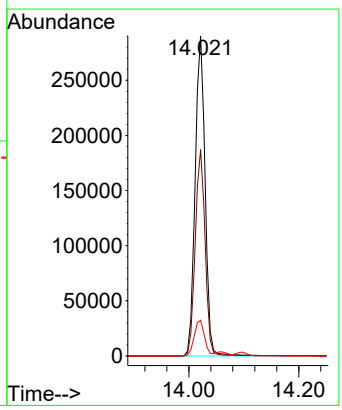


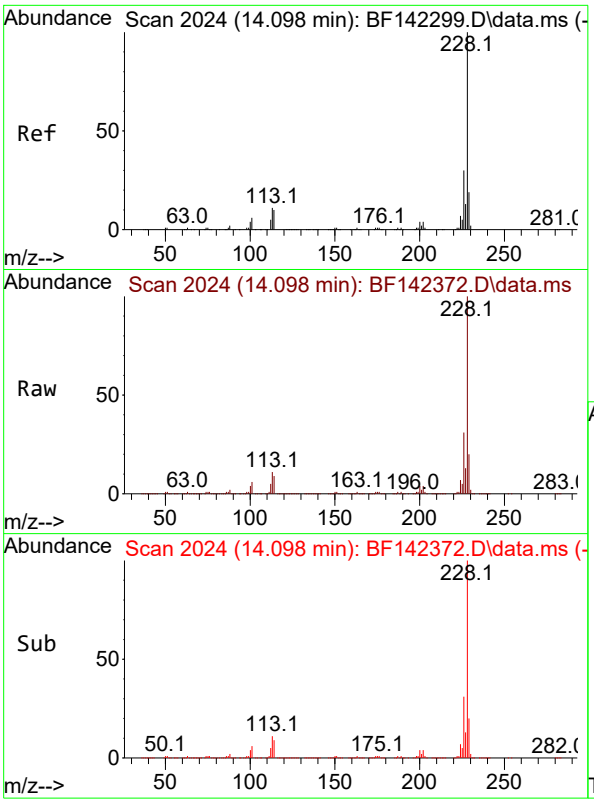


#82
3,3'-Dichlorobenzidine
Concen: 46.427 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:252 Resp: 365646

Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.0	78.0
126	11.2	9.7	14.5



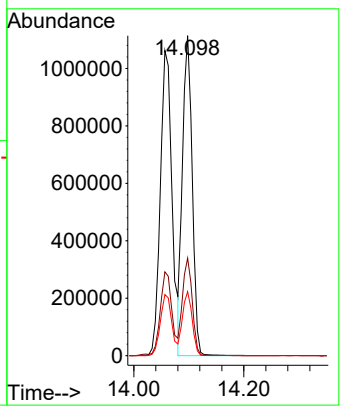


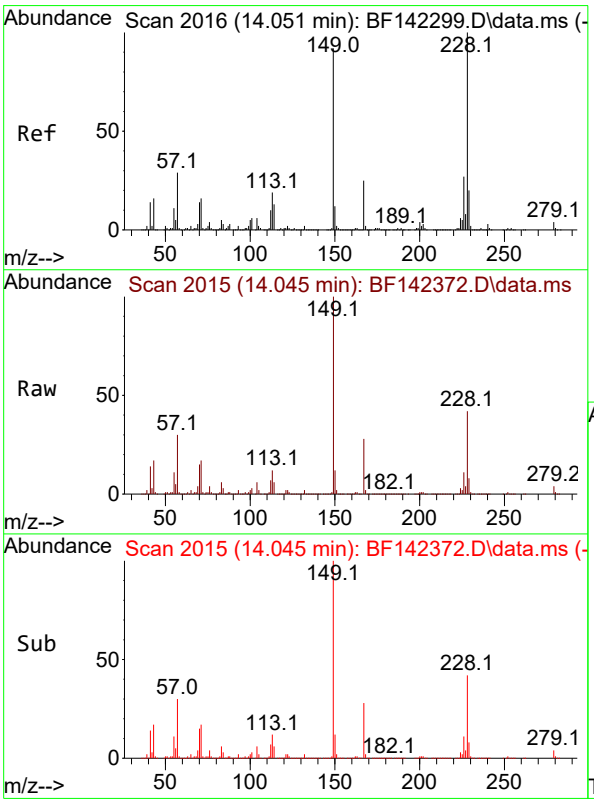
#83
Chrysene
Concen: 43.301 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:228 Resp: 1365169

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	20.0	15.4	23.2

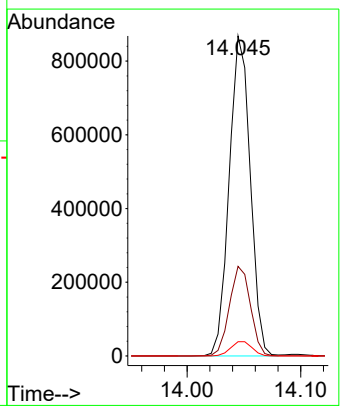


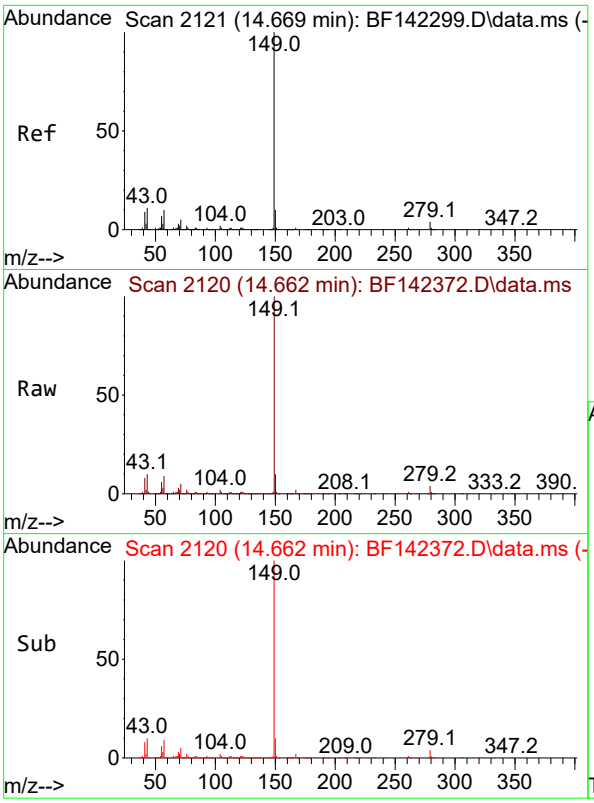


#84
Bis(2-ethylhexyl)phthalate
Concen: 61.873 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:149 Resp: 1118306

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.0	33.0
279	4.4	3.0	4.6



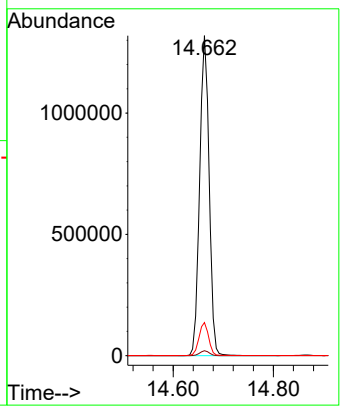


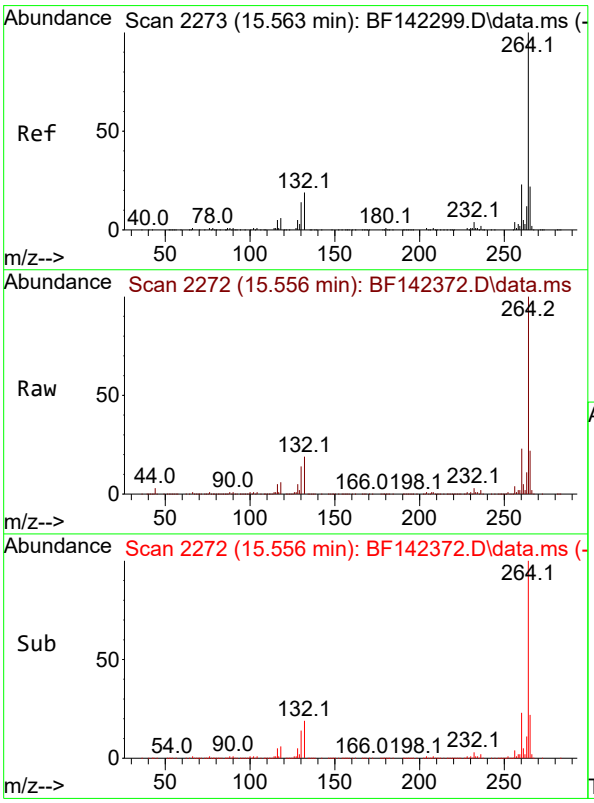
#85
Di-n-octyl phthalate
Concen: 53.104 ng
RT: 14.662 min Scan# 21
Delta R.T. -0.007 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:149 Resp: 1725527

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.4	9.2	13.8

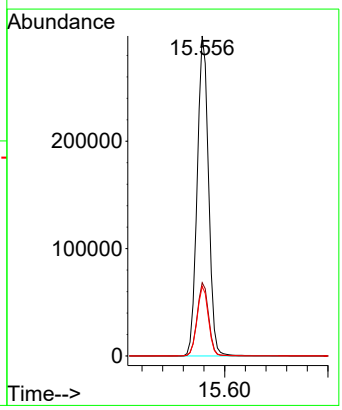


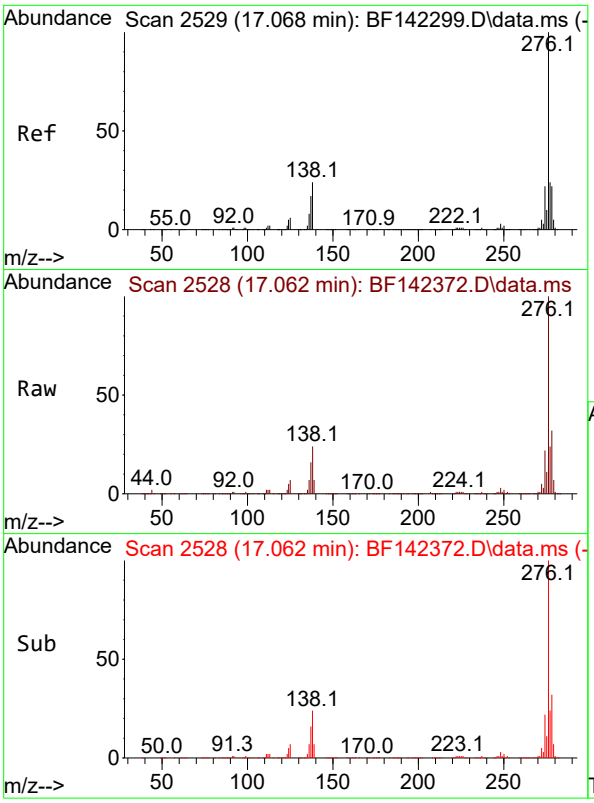


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:264 Resp: 454587

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.7	17.5	26.3



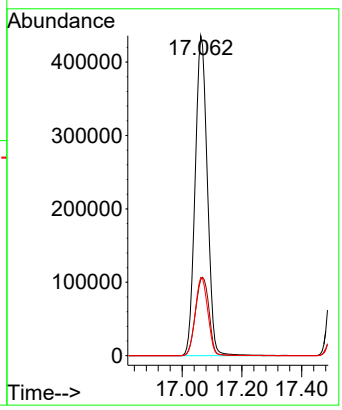


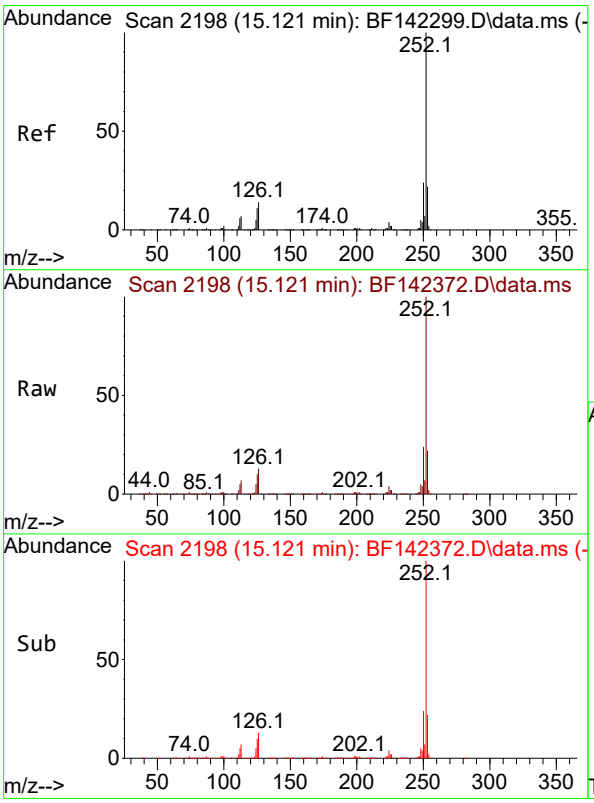
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.914 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:276 Resp: 1230565

Ion	Ratio	Lower	Upper
276	100		
138	27.1	22.0	33.0
277	25.3	20.1	30.1

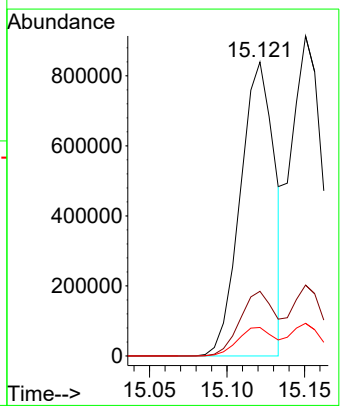


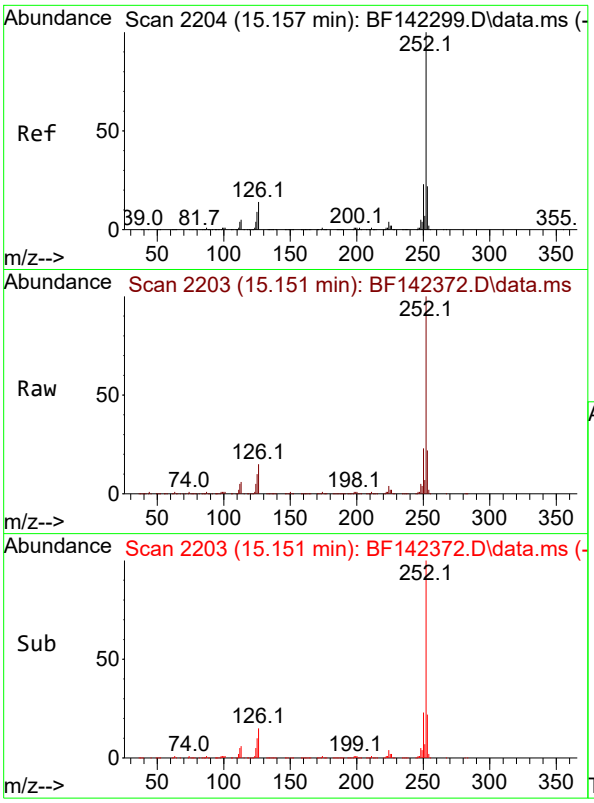


#88
Benzo(b)fluoranthene
Concen: 46.794 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:252 Resp: 1288343

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.7	8.7	13.1



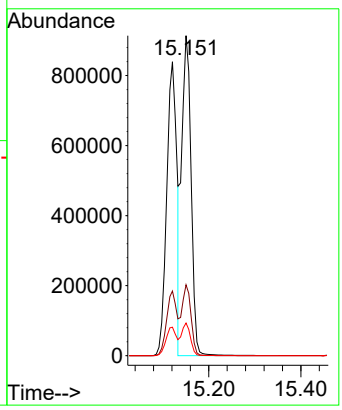


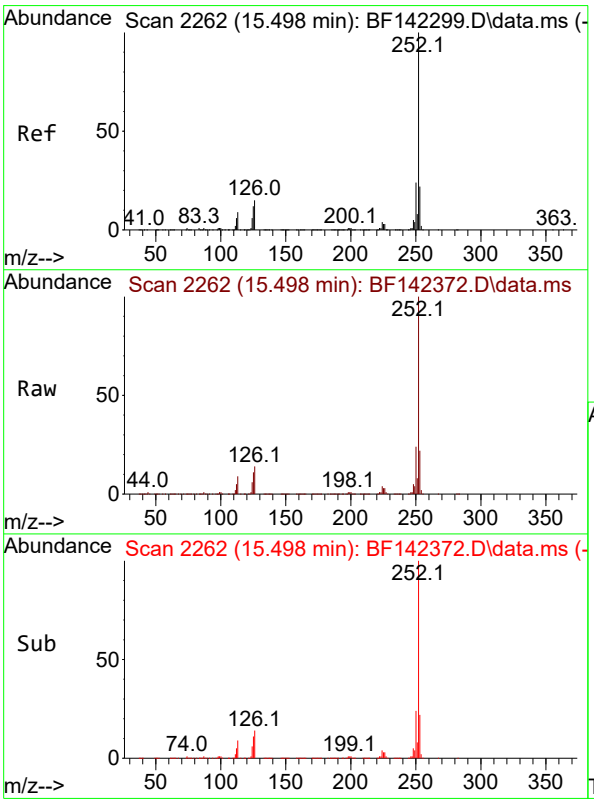
#89
Benzo(k)fluoranthene
Concen: 51.362 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:252 Resp: 1294089

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.2	8.1	12.1

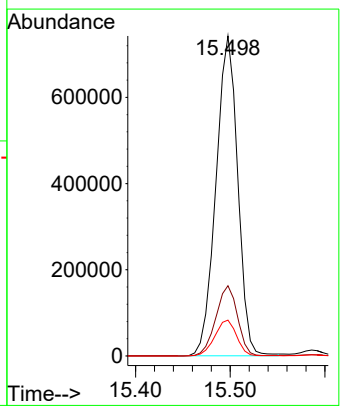


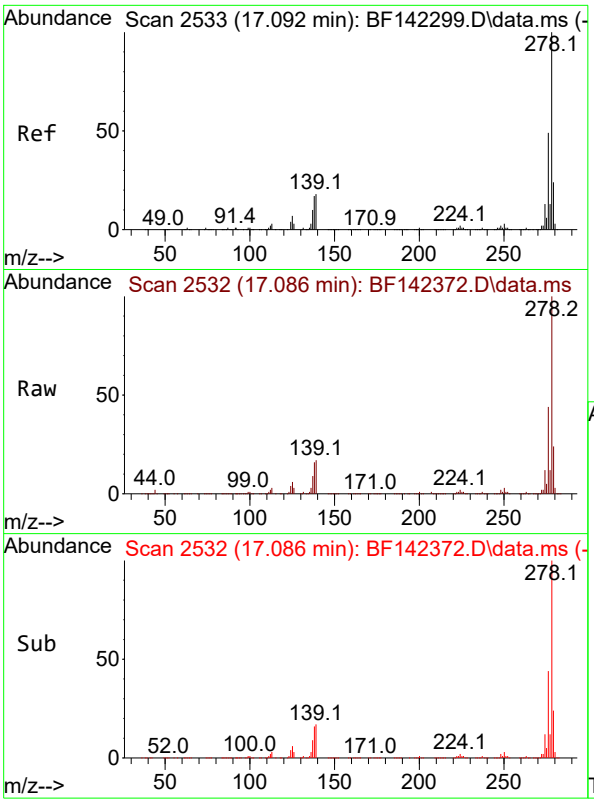


#90
Benzo(a)pyrene
Concen: 48.114 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:252 Resp: 1187074

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.2	9.4	14.0



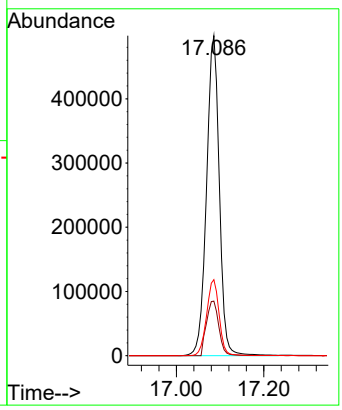


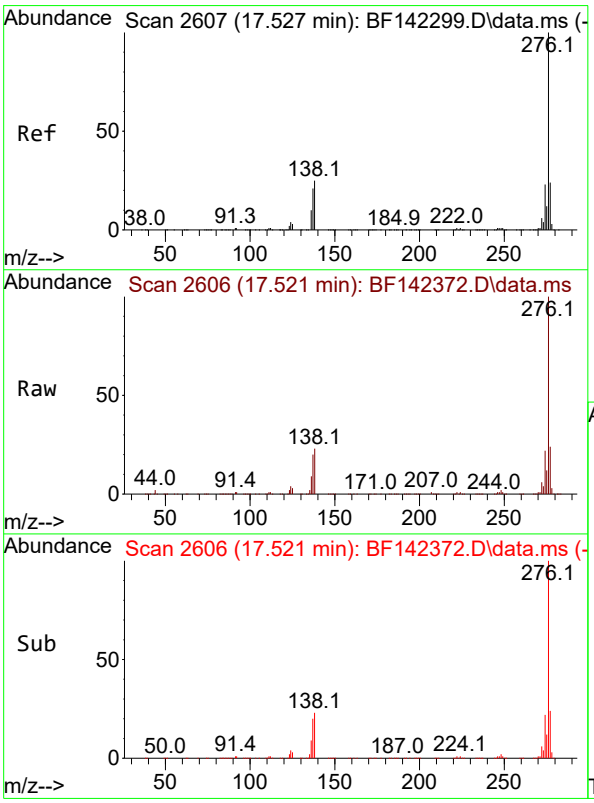
#91
Dibenzo(a,h)anthracene
Concen: 38.852 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMS

Tgt Ion:278 Resp: 1015018

Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.5	21.7
279	23.8	18.9	28.3

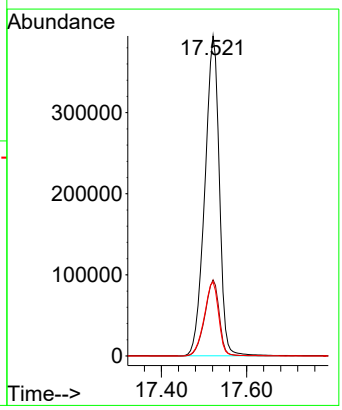




#92
Benzo(g,h,i)perylene
Concen: 35.933 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142372.D
Acq: 14 May 2025 18:12

Tgt Ion:276 Resp: 931726

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	23.1	19.8	29.6



Raw Data: **BF142373.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	05/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A4-03-CMSD	SDG No.:	Q2001
Lab Sample ID:	Q2001-03MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142373.D	1	05/13/25 11:16	05/14/25 18:41	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	330		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	360		5.30	50.0	ug/L
95-48-7	2-Methylphenol	440		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	450		11.0	100	ug/L
67-72-1	Hexachloroethane	400		6.50	50.0	ug/L
98-95-3	Nitrobenzene	460		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	410		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	500		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	480		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	620		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	450		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	1100	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	114		15 (10) - 110 (139)	76%	SPK: 150
13127-88-3	Phenol-d6	111		15 (10) - 110 (134)	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.0		30 (49) - 130 (133)	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.6		30 (52) - 130 (132)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	154		15 (44) - 110 (137)	103%	SPK: 150
1718-51-0	Terphenyl-d14	75.5		30 (48) - 130 (125)	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	179000	6.898			
1146-65-2	Naphthalene-d8	701000	8.187			
15067-26-2	Acenaphthene-d10	426000	9.939			
1517-22-2	Phenanthrene-d10	786000	11.428			
1719-03-5	Chrysene-d12	512000	14.069			
1520-96-3	Perylene-d12	442000	15.557			

Raw Data: **BF142373.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	05/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A4-03-CMSD	SDG No.:	Q2001
Lab Sample ID:	Q2001-03MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142373.D	1	05/13/25 11:16	05/14/25 18:41	PB167987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142373.D
Acq On : 14 May 2025 18:41
Operator : RC/JU
Sample : Q2001-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Quant Time: May 15 01:02:50 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	179060	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	701472	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	425907	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	786136	20.000	ng		0.00
76) Chrysene-d12	14.069	240	511971	20.000	ng		0.00
86) Perylene-d12	15.557	264	442353	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1200952	114.493	ng		0.02
7) Phenol-d6	6.528	99	1430117	110.853	ng		0.00
23) Nitrobenzene-d5	7.463	82	988742	85.963	ng		0.00
42) 2,4,6-Tribromophenol	10.734	330	634330	154.261	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2169889	72.645	ng		0.00
79) Terphenyl-d14	13.016	244	2609910	75.452	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	146687	31.055	ng	#	82
3) Pyridine	3.540	79	370436	33.403	ng		97
4) n-Nitrosodimethylamine	3.481	42	233322	36.200	ng		93
6) Aniline	6.569	93	360093	28.457	ng		99
8) 2-Chlorophenol	6.687	128	499755	44.585	ng		98
9) Benzaldehyde	6.451	77	201752	26.720	ng	#	84
10) Phenol	6.540	94	551307	40.314	ng		96
11) bis(2-Chloroethyl)ether	6.634	93	516122	38.272	ng		98
12) 1,3-Dichlorobenzene	6.840	146	451445	35.204	ng		99
13) 1,4-Dichlorobenzene	6.916	146	460914	35.798	ng		100
14) 1,2-Dichlorobenzene	7.069	146	451502	36.533	ng		100
15) Benzyl Alcohol	7.040	79	424218	50.781	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	762169	37.846	ng		98
17) 2-Methylphenol	7.151	107	401571	44.251	ng		98
18) Hexachloroethane	7.416	117	170275	39.747	ng		99
19) n-Nitroso-di-n-propyla...	7.310	70	351225	44.013	ng		99
20) 3+4-Methylphenols	7.298	107	504402	44.536	ng		96
22) Acetophenone	7.310	105	672460	43.115	ng		98
24) Nitrobenzene	7.481	77	502910	46.385	ng		97
25) Isophorone	7.722	82	1013860	46.549	ng		99
26) 2-Nitrophenol	7.798	139	269199	51.213	ng		99
27) 2,4-Dimethylphenol	7.834	122	531200	48.508	ng		100
28) bis(2-Chloroethoxy)met...	7.934	93	619391	44.225	ng		99
29) 2,4-Dichlorophenol	8.040	162	469349	50.413	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	446142	42.580	ng		98
31) Naphthalene	8.216	128	6414852	188.687	ng		95
32) Benzoic acid	7.945	122	344365	55.919	ng		99
33) 4-Chloroaniline	8.257	127	304277m	21.934	ng		
34) Hexachlorobutadiene	8.322	225	256194	41.293	ng		100
35) Caprolactam	8.622	113	146780m	54.096	ng		
36) 4-Chloro-3-methylphenol	8.734	107	502825	51.956	ng		99
37) 2-Methylnaphthalene	8.898	142	1610135	76.218	ng		99
38) 1-Methylnaphthalene	8.998	142	1657888	75.296	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	482550	40.567	ng		99
41) Hexachlorocyclopentadiene	9.051	237	610197	83.003	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	371527	49.517	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142373.D
Acq On : 14 May 2025 18:41
Operator : RC/JU
Sample : Q2001-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Quant Time: May 15 01:02:50 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

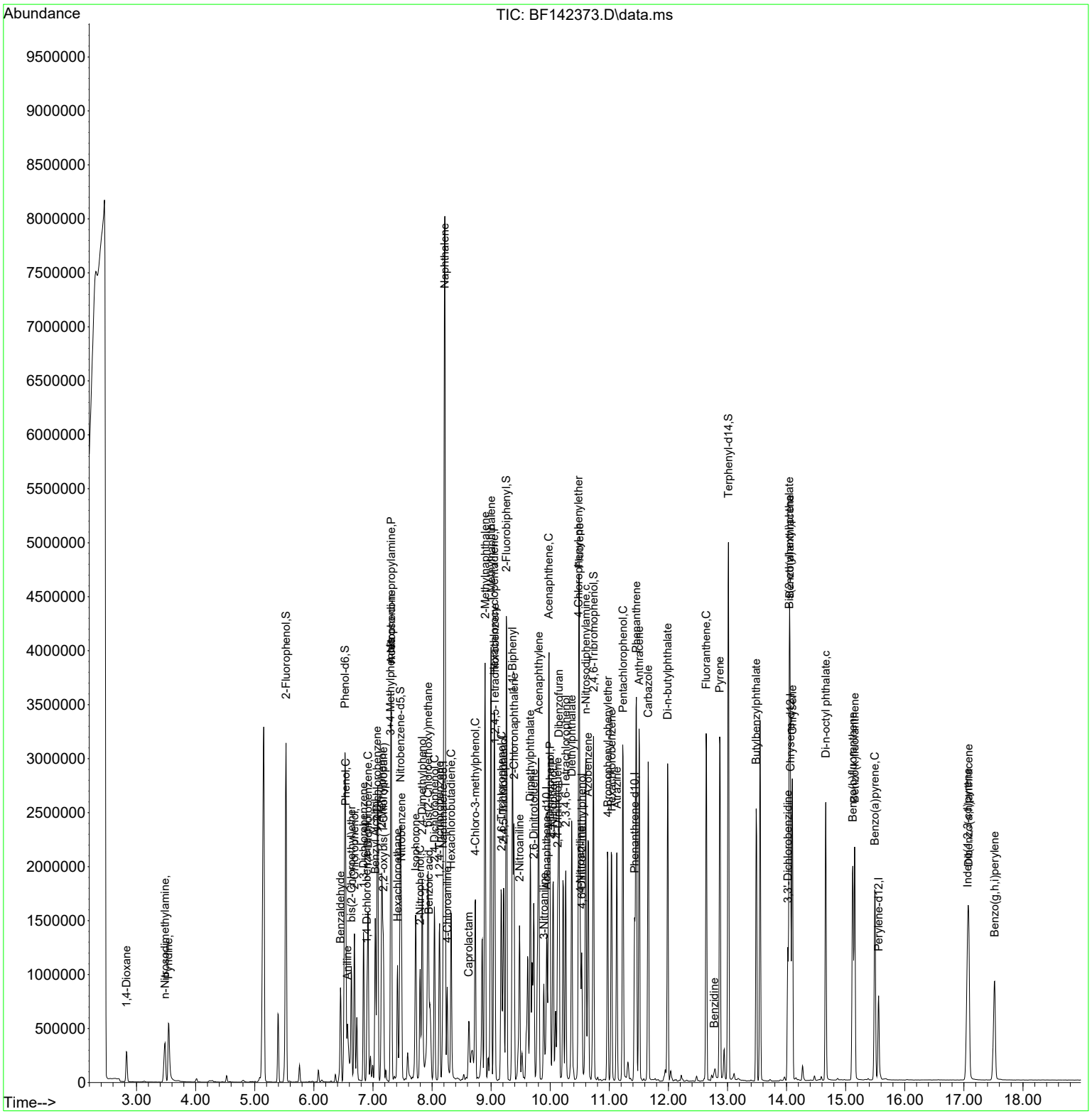
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	386591	48.425	ng		100
46) 1,1'-Biphenyl	9.363	154	1457266	44.625	ng		99
47) 2-Chloronaphthalene	9.387	162	1022257	42.093	ng		99
48) 2-Nitroaniline	9.481	65	338524	54.382	ng		92
49) Acenaphthylene	9.804	152	1864675	45.898	ng		99
50) Dimethylphthalate	9.663	163	1342328	49.082	ng		100
51) 2,6-Dinitrotoluene	9.722	165	293039	57.243	ng		93
52) Acenaphthene	9.975	154	1493853	61.153	ng		100
53) 3-Nitroaniline	9.892	138	240523	40.062	ng		96
54) 2,4-Dinitrophenol	9.998	184	354302	127.284	ng	#	1
55) Dibenzofuran	10.145	168	1615499	44.811	ng		98
56) 4-Nitrophenol	10.051	139	496548	109.890	ng		95
57) 2,4-Dinitrotoluene	10.128	165	406148	61.852	ng		95
58) Fluorene	10.492	166	1377632	50.072	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	351224	53.294	ng		98
60) Diethylphthalate	10.363	149	1356138	49.654	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	604128	45.513	ng		99
62) 4-Nitroaniline	10.510	138	296414	62.292	ng		99
63) Azobenzene	10.639	77	1184720	45.394	ng		99
65) 4,6-Dinitro-2-methylph...	10.534	198	217913	57.749	ng		99
66) n-Nitrosodiphenylamine	10.604	169	1144480	43.750	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	401569	45.072	ng		96
68) Hexachlorobenzene	11.039	284	440242	44.921	ng		95
69) Atrazine	11.128	200	359696	52.162	ng		100
70) Pentachlorophenol	11.233	266	558643	108.355	ng		97
71) Phenanthrene	11.457	178	2044231	49.608	ng		100
72) Anthracene	11.504	178	1877139	44.334	ng		99
73) Carbazole	11.657	167	1768267	46.550	ng		100
74) Di-n-butylphthalate	11.986	149	2155058	53.952	ng		100
75) Fluoranthene	12.639	202	1947140	47.270	ng		100
77) Benzidine	12.775	184	112582m	12.100	ng		
78) Pyrene	12.869	202	1968238	43.191	ng		100
80) Butylbenzylphthalate	13.486	149	841069	62.081	ng		99
81) Benzo(a)anthracene	14.057	228	1565824	47.226	ng		99
82) 3,3'-Dichlorobenzidine	14.022	252	368885	47.843	ng		99
83) Chrysene	14.098	228	1340162	43.419	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	1143777	64.450	ng		100
85) Di-n-octyl phthalate	14.663	149	1745181	54.601	ng		97
87) Indeno(1,2,3-cd)pyrene	17.063	276	1170623	38.042	ng		99
88) Benzo(b)fluoranthene	15.121	252	1295553	48.357	ng		99
89) Benzo(k)fluoranthene	15.151	252	1259782	51.383	ng		99
90) Benzo(a)pyrene	15.492	252	1183844	49.310	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	953494	37.507	ng		99
92) Benzo(g,h,i)perylene	17.521	276	871735	34.550	ng		97

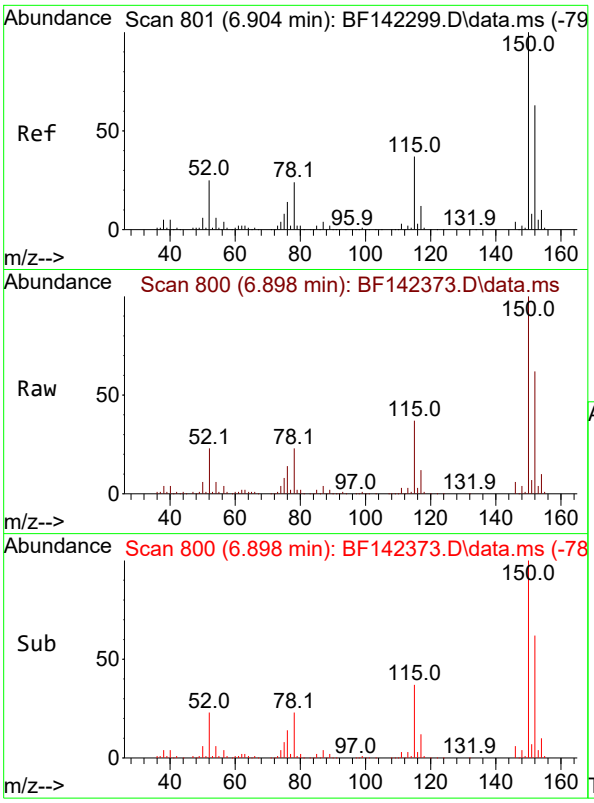
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142373.D
Acq On : 14 May 2025 18:41
Operator : RC/JU
Sample : Q2001-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Quant Time: May 15 01:02:50 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



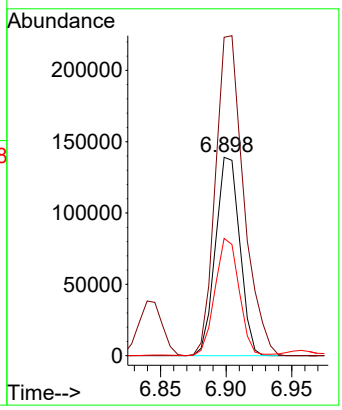


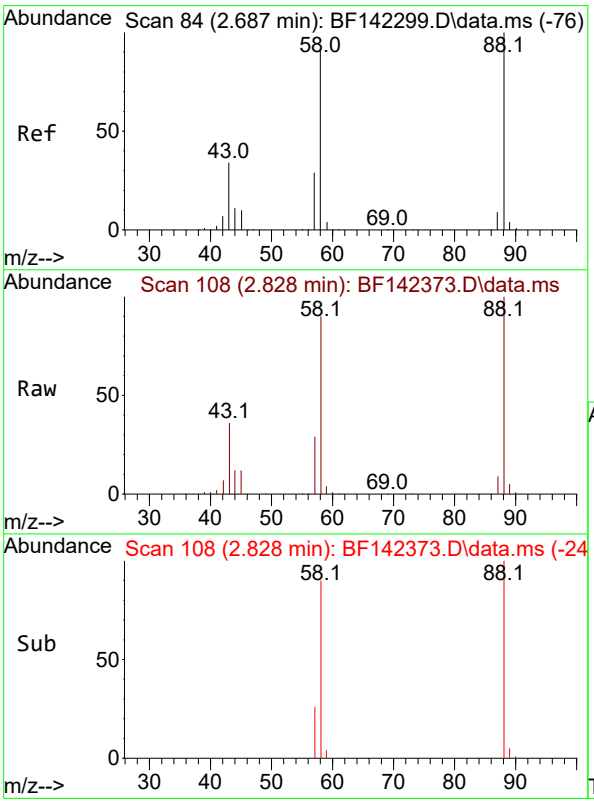
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:152 Resp: 179060

Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.6	190.0
115	59.1	47.3	70.9

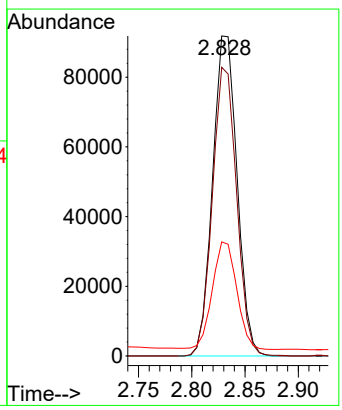


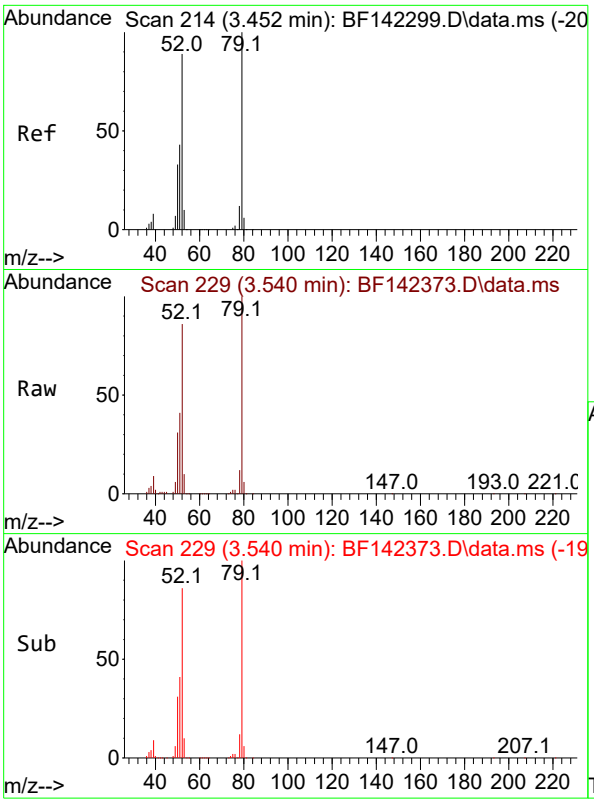


#2
1,4-Dioxane
Concen: 31.055 ng
RT: 2.828 min Scan# 108
Delta R.T. 0.141 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion: 88 Resp: 146687

Ion	Ratio	Lower	Upper
88	100		
58	89.4	73.0	109.4
43	0.0	27.8	41.6#



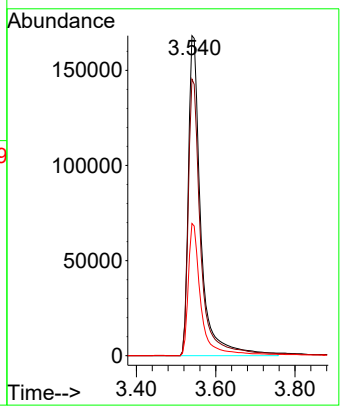


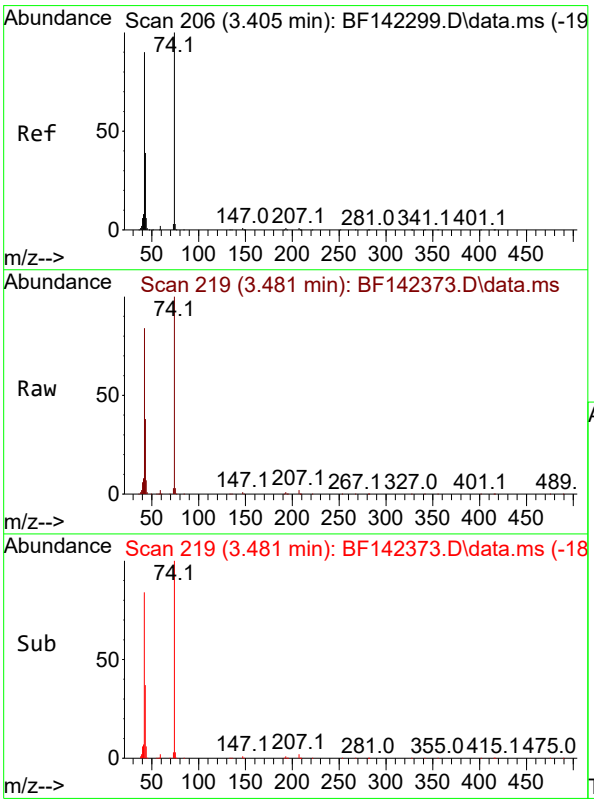
#3
Pyridine
Concen: 33.403 ng
RT: 3.540 min Scan# 2
Delta R.T. 0.088 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion: 79 Resp: 370436

Ion	Ratio	Lower	Upper
79	100		
52	86.4	71.0	106.4
51	41.3	34.9	52.3

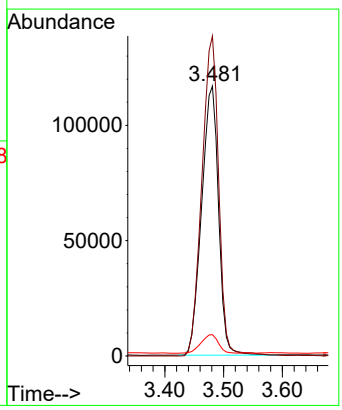


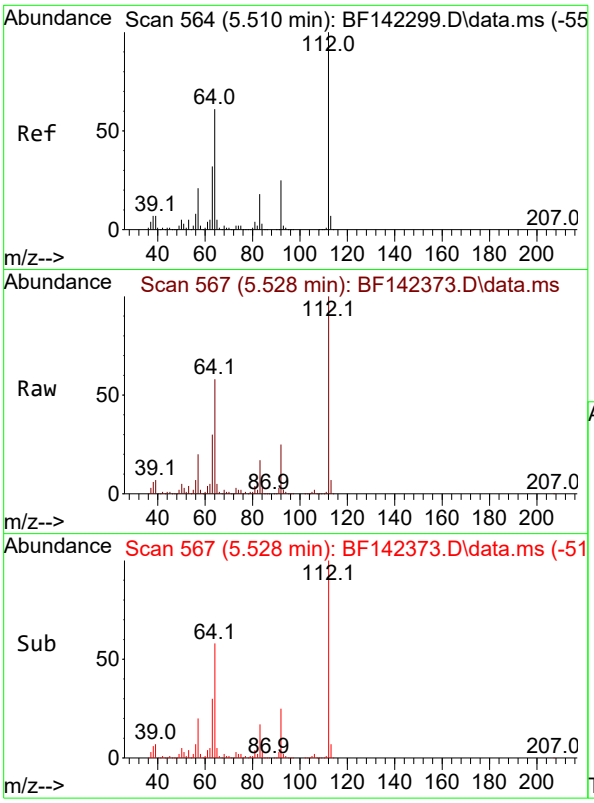


#4
n-Nitrosodimethylamine
Concen: 36.200 ng
RT: 3.481 min Scan# 219
Delta R.T. 0.077 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion: 42 Resp: 233322

Ion	Ratio	Lower	Upper
42	100		
74	118.6	88.5	132.7
44	7.9	5.8	8.8



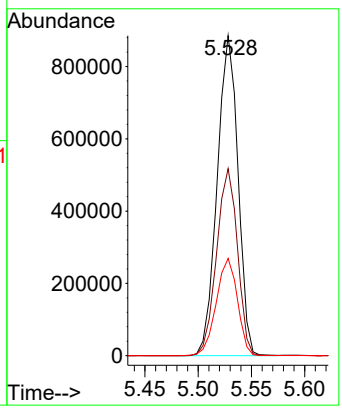


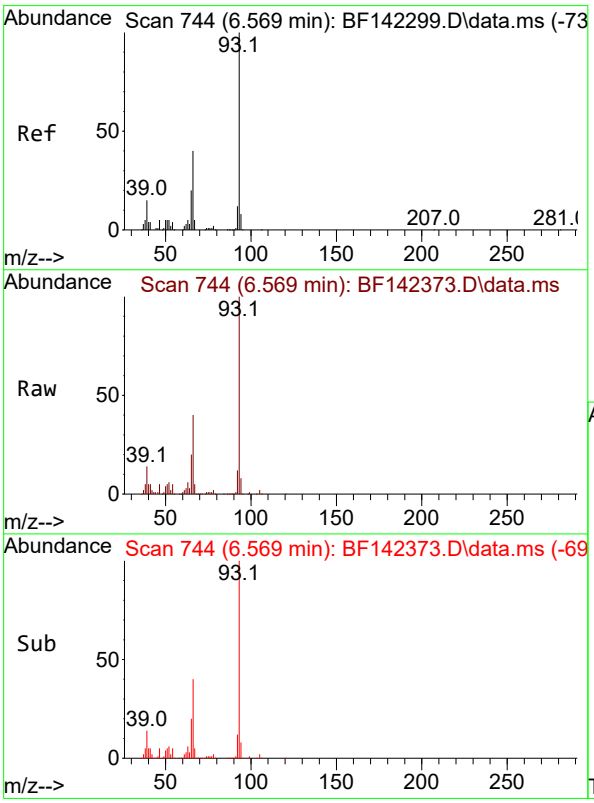
#5
2-Fluorophenol
Concen: 114.493 ng
RT: 5.528 min Scan# 5
Delta R.T. 0.018 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:112 Resp: 1200952

Ion	Ratio	Lower	Upper
112	100		
64	58.4	48.9	73.3
63	30.4	25.6	38.4

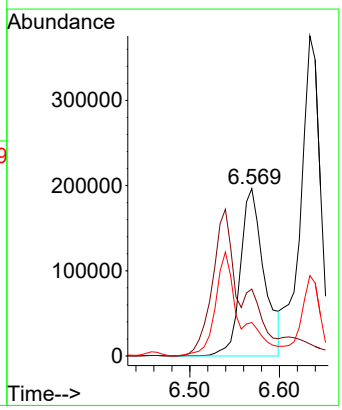


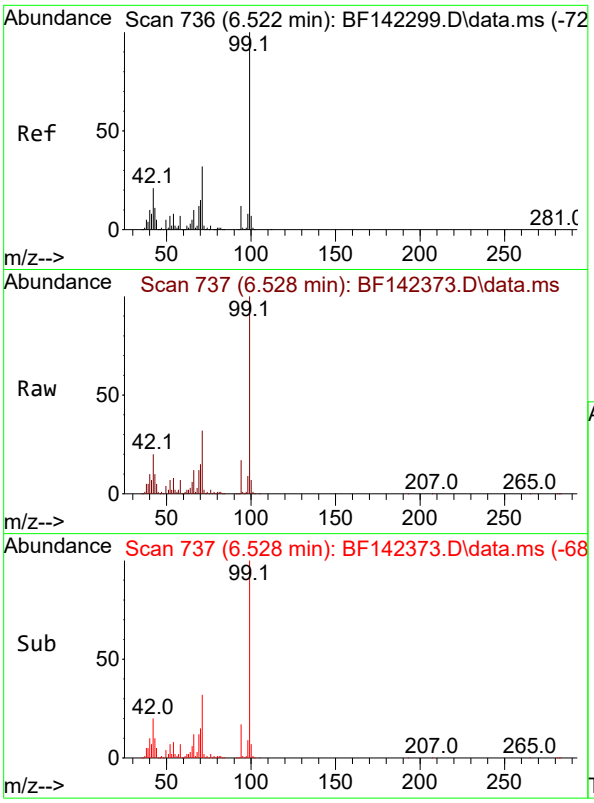


#6
Aniline
Concen: 28.457 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion: 93 Resp: 360093

Ion	Ratio	Lower	Upper
93	100		
66	40.0	32.2	48.4
65	20.0	16.3	24.5



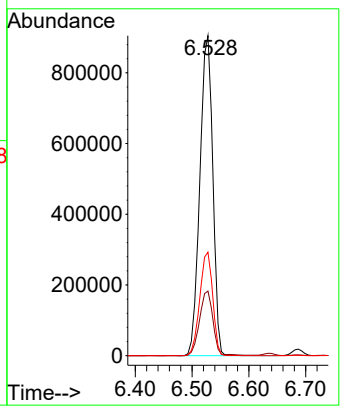


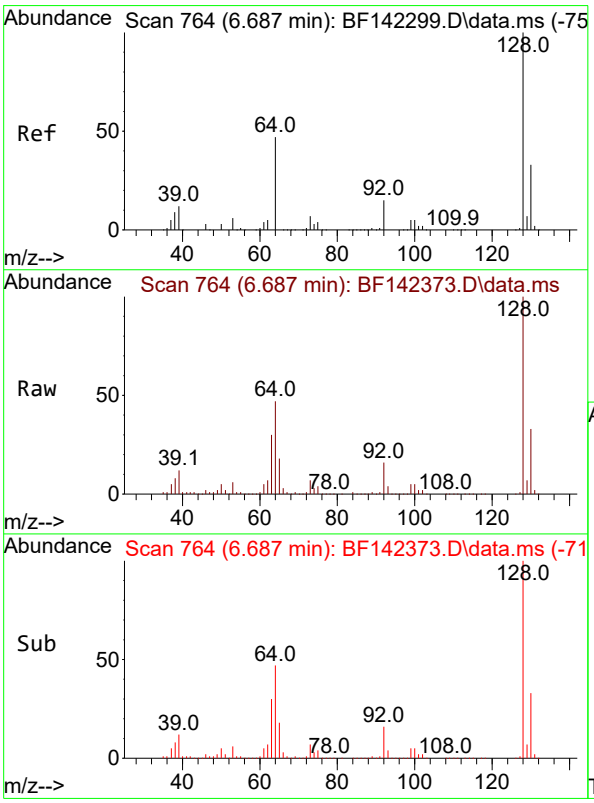
#7
Phenol-d6
Concen: 110.853 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion: 99 Resp: 1430117

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.0	25.4
71	32.4	25.8	38.8

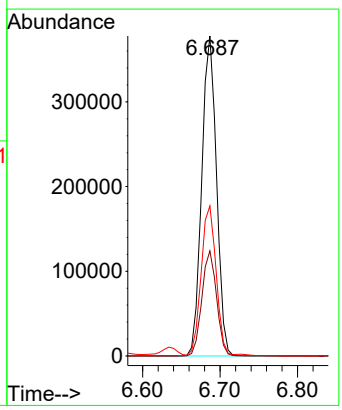


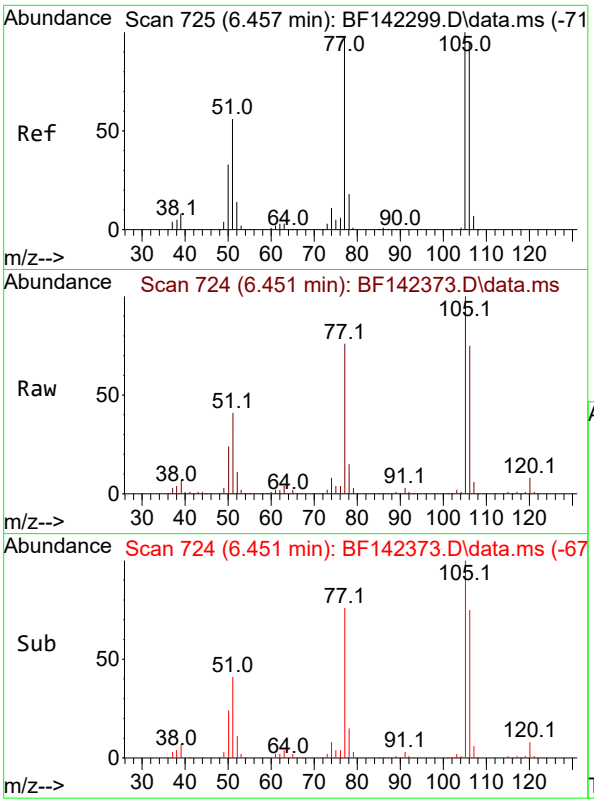


#8
2-Chlorophenol
Concen: 44.585 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:128 Resp: 499755

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	46.9	29.2	69.2



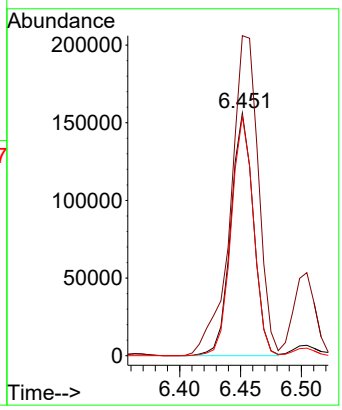


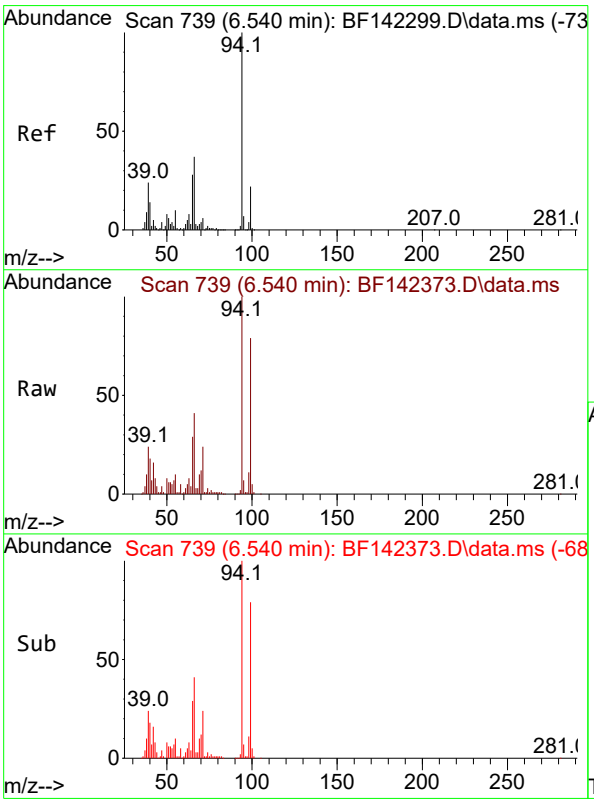
#9
Benzaldehyde
Concen: 26.720 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion: 77 Resp: 201752

Ion	Ratio	Lower	Upper
77	100		
105	131.9	82.0	122.0#
106	98.8	77.2	117.2

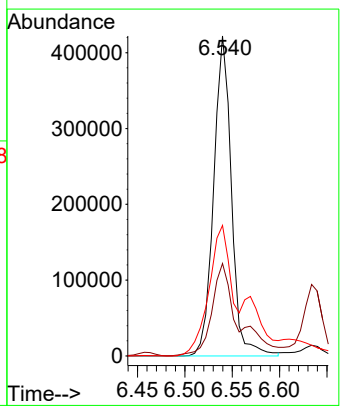


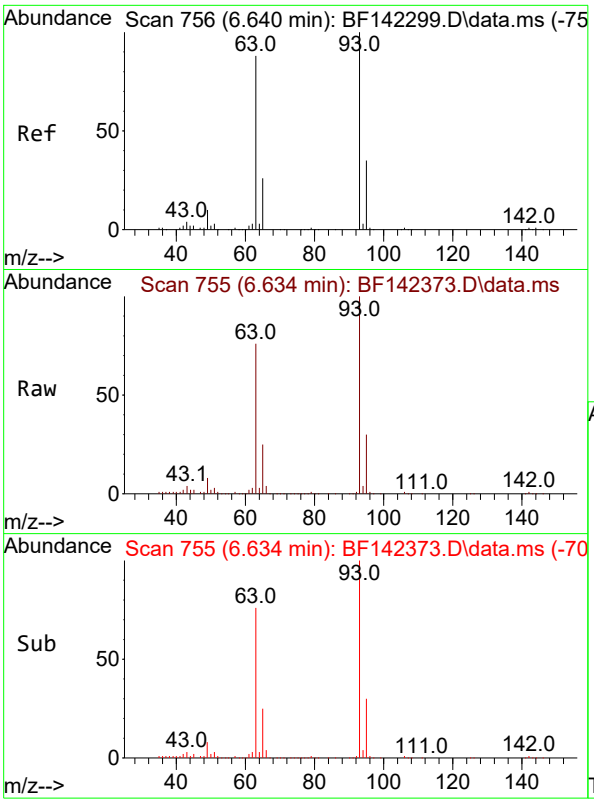


#10
Phenol
Concen: 40.314 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion: 94 Resp: 551307

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.5	48.5
66	40.8	17.3	57.3



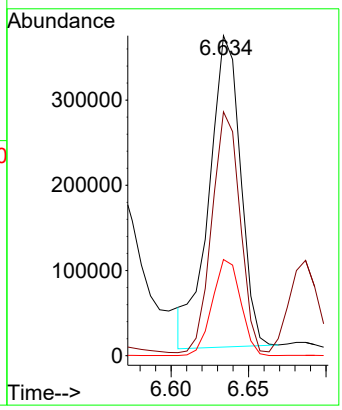


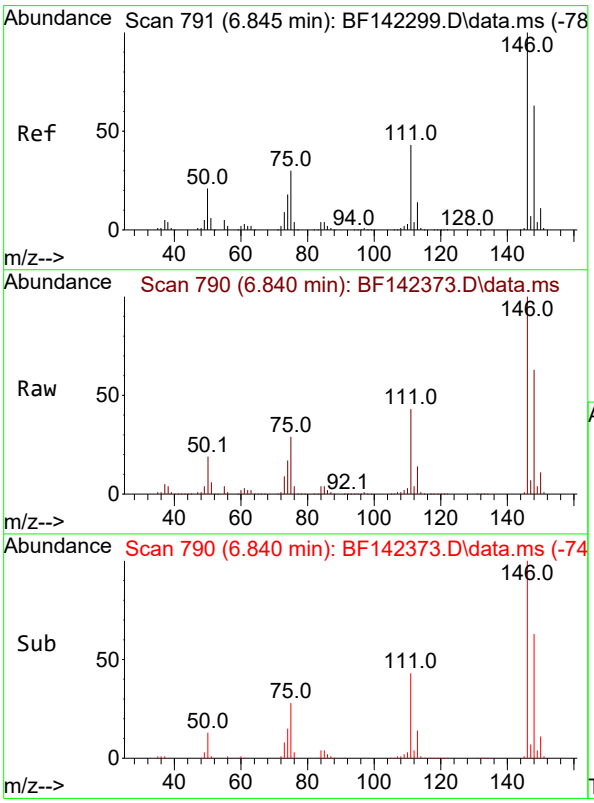
#11
bis(2-Chloroethyl)ether
Concen: 38.272 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion: 93 Resp: 516122

Ion	Ratio	Lower	Upper
93	100		
63	76.2	58.4	98.4
95	30.1	10.6	50.6

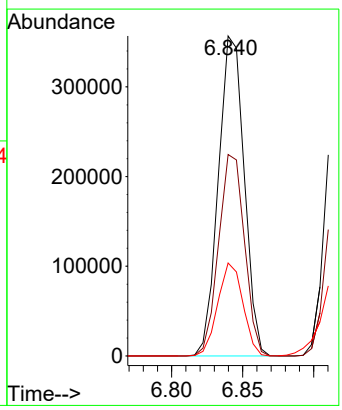


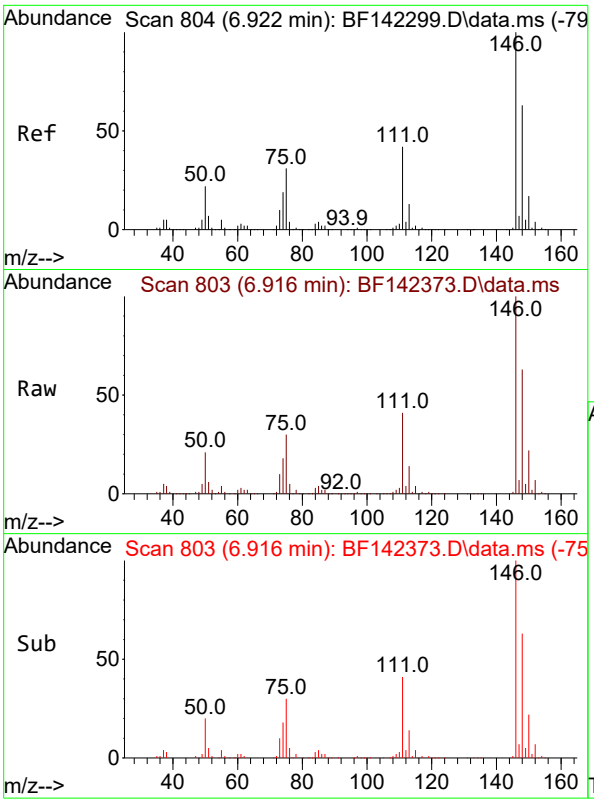


#12
1,3-Dichlorobenzene
Concen: 35.204 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:146 Resp: 451445

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	76.0
75	29.1	24.2	36.4



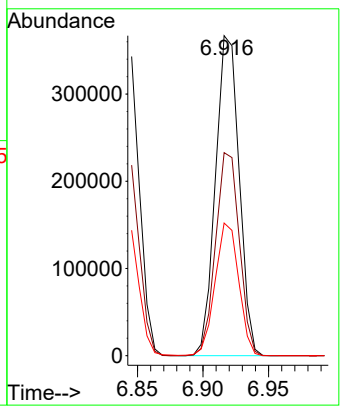


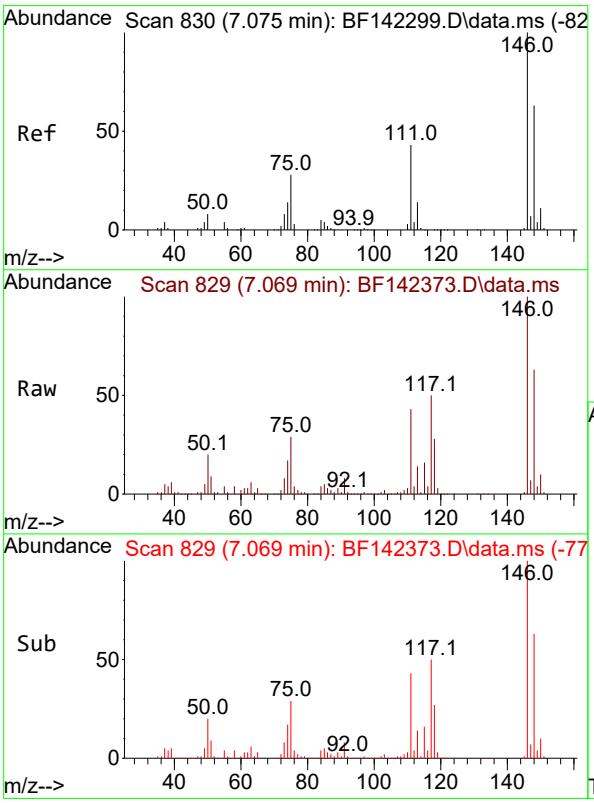
#13
1,4-Dichlorobenzene
Concen: 35.798 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:146 Resp: 460914

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
111	41.4	33.4	50.2

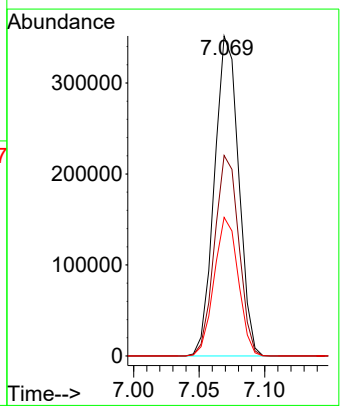


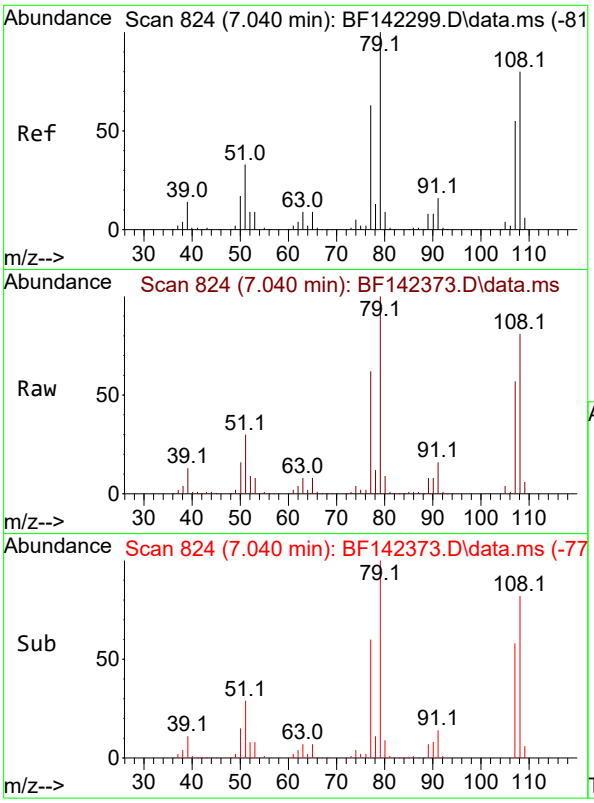


#14
1,2-Dichlorobenzene
Concen: 36.533 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:146 Resp: 451502

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.3	75.5
111	43.3	34.5	51.7



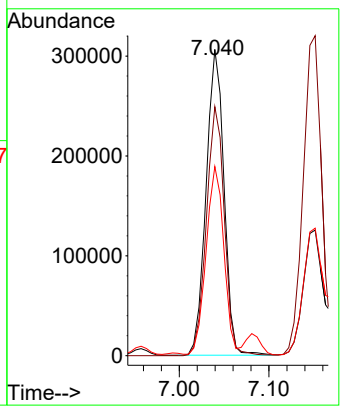


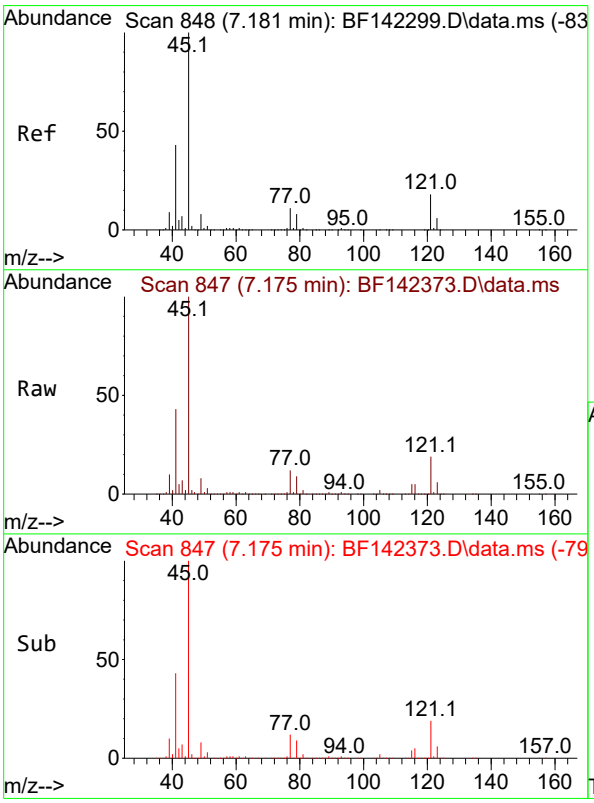
#15
Benzyl Alcohol
Concen: 50.781 ng
RT: 7.040 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion: 79 Resp: 424218

Ion	Ratio	Lower	Upper
79	100		
108	81.3	63.9	95.9
77	61.8	50.7	76.1

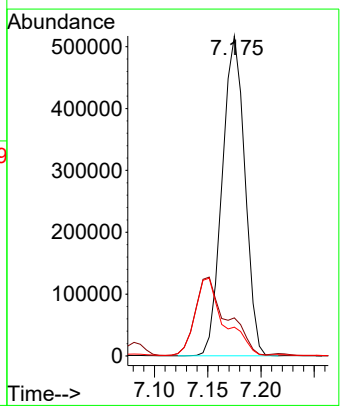


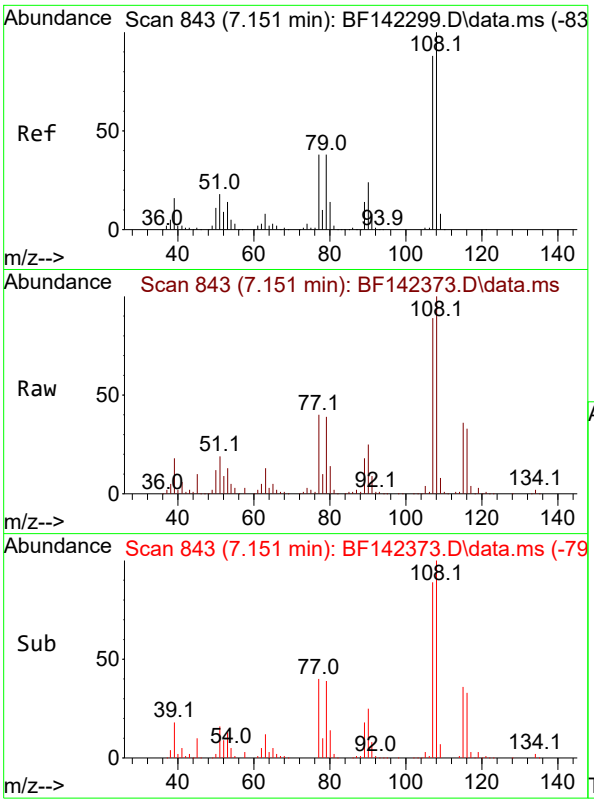


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.846 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion: 45 Resp: 762169

Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	31.2
79	9.0	0.0	28.5



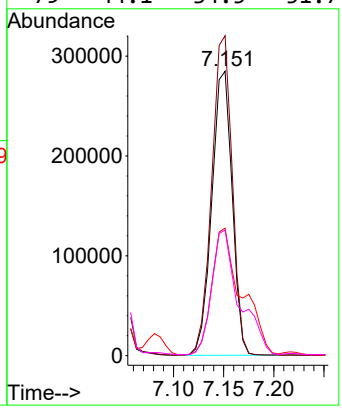


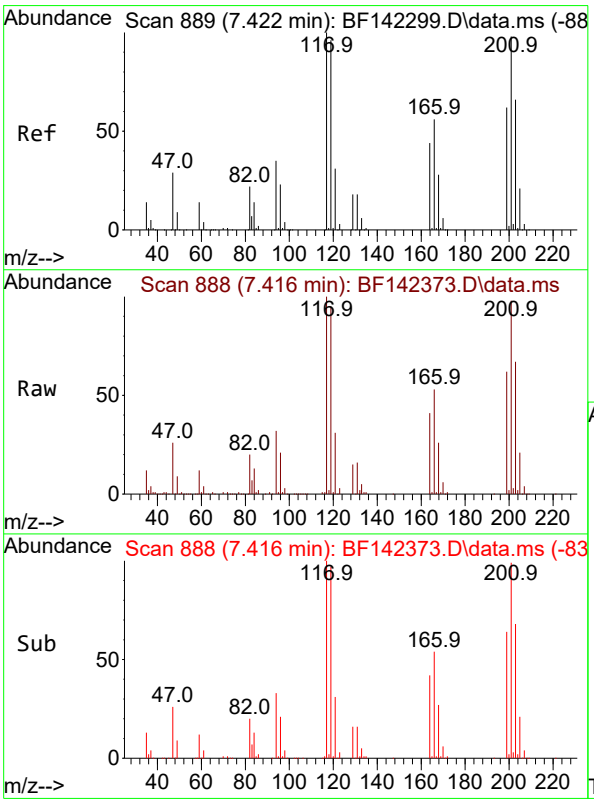
#17
2-Methylphenol
Concen: 44.251 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:107 Resp: 401571

Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.1	136.7
77	44.8	34.7	52.1
79	44.1	34.5	51.7

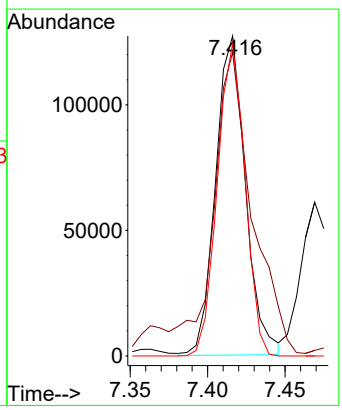


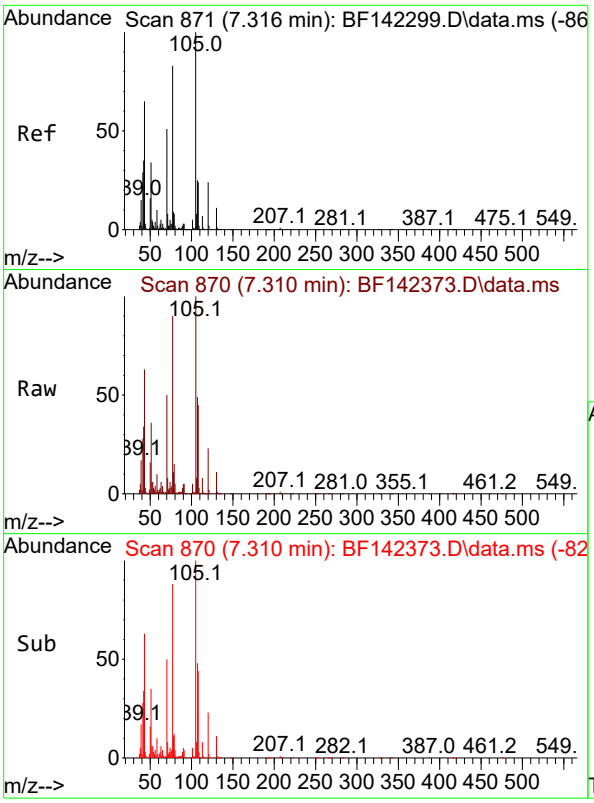


#18
Hexachloroethane
Concen: 39.747 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:117 Resp: 170275

Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.9	115.3
201	97.5	78.0	117.0



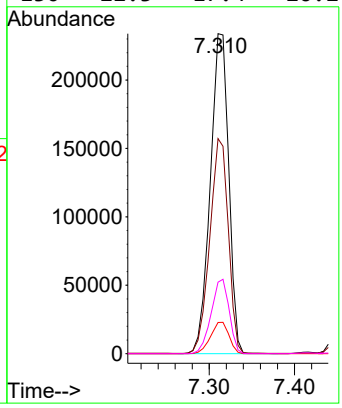


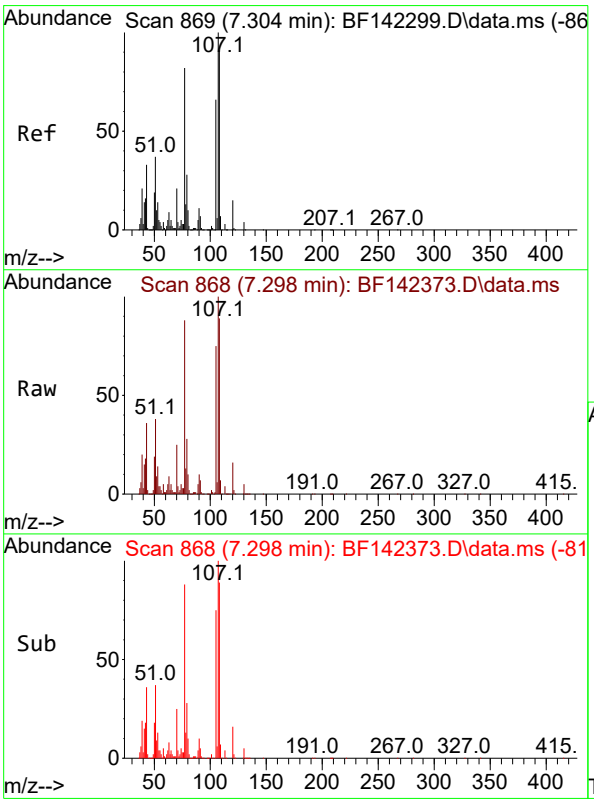
#19
n-Nitroso-di-n-propylamine
Concen: 44.013 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion: 70 Resp: 351225

Ion	Ratio	Lower	Upper
70	100		
42	67.2	54.8	82.2
101	9.7	7.7	11.5
130	22.3	17.4	26.2

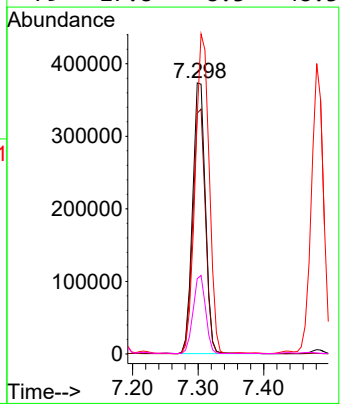


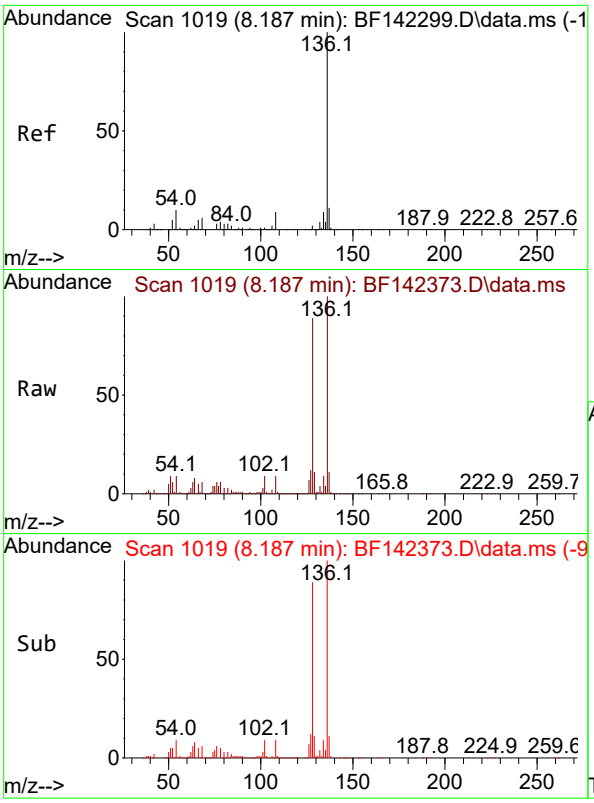


#20
3+4-Methylphenols
Concen: 44.536 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:107 Resp: 504402

Ion	Ratio	Lower	Upper
107	100		
108	88.8	71.5	111.5
77	88.0	61.6	101.6
79	27.8	8.3	48.3



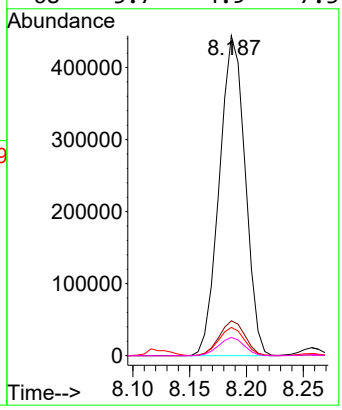


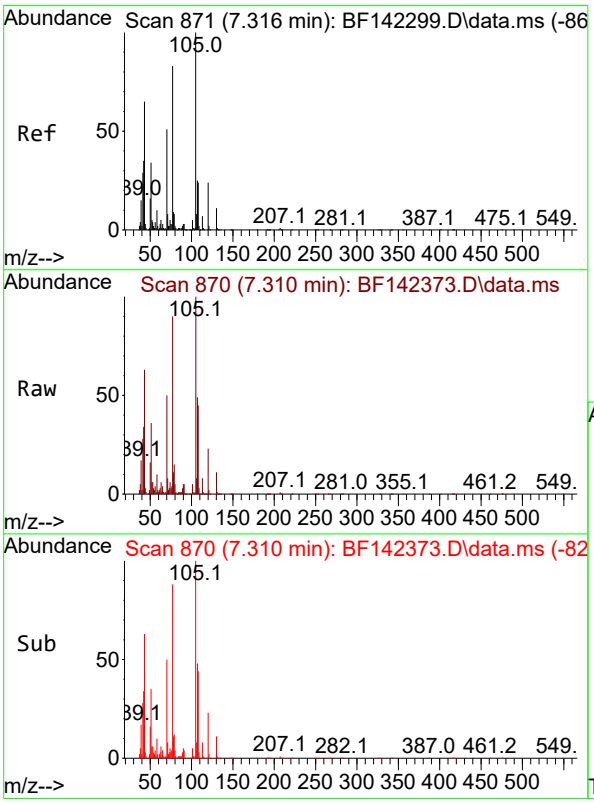
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:136 Resp: 701472

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	7.7	11.5
68	5.7	4.9	7.3

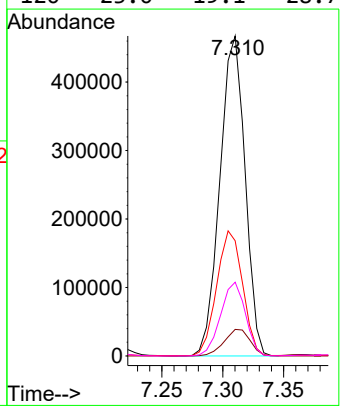


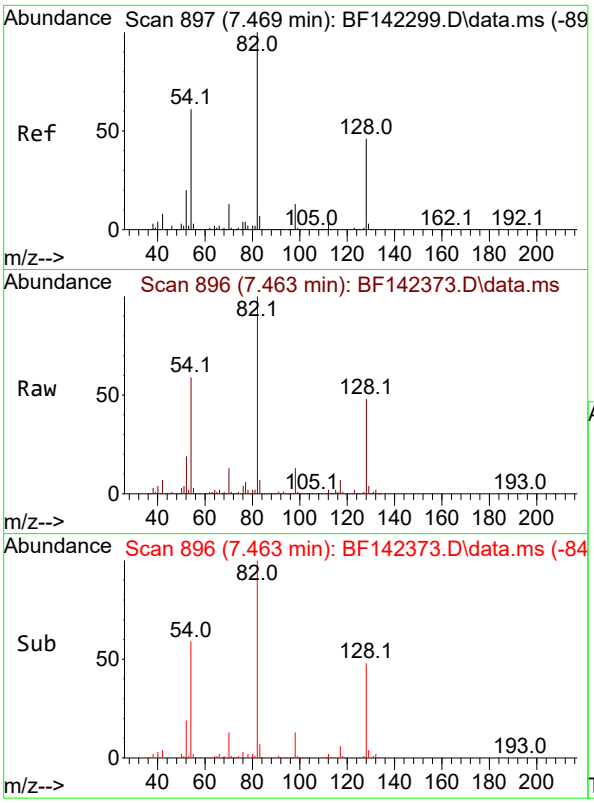


#22
Acetophenone
Concen: 43.115 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:105 Resp: 672460

Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.7	10.1
51	36.0	27.6	41.4
120	23.0	19.1	28.7



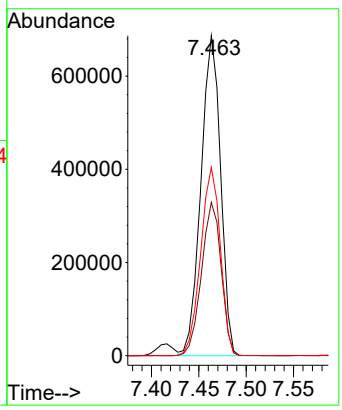


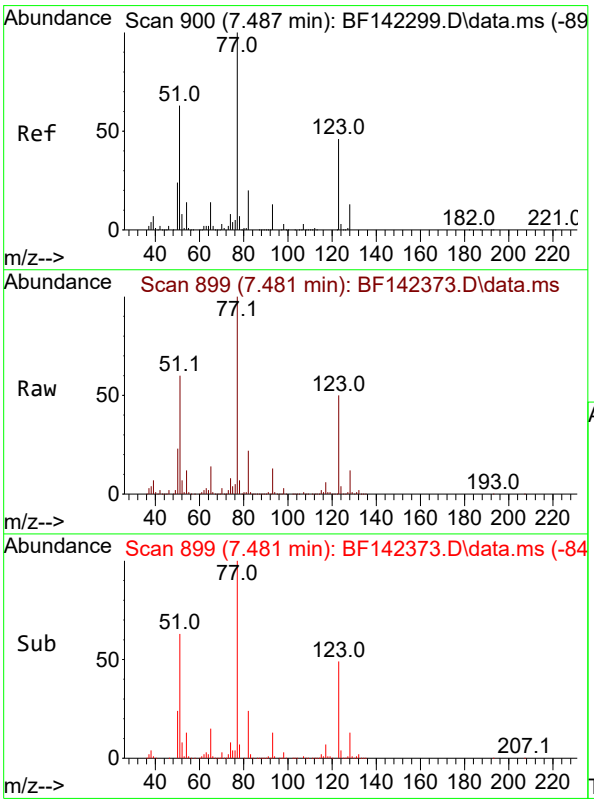
#23
Nitrobenzene-d5
Concen: 85.963 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion: 82 Resp: 988742

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.0	55.6
54	58.8	48.6	73.0

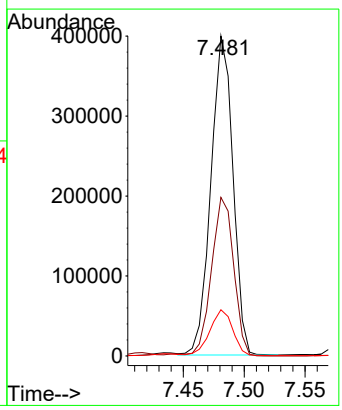


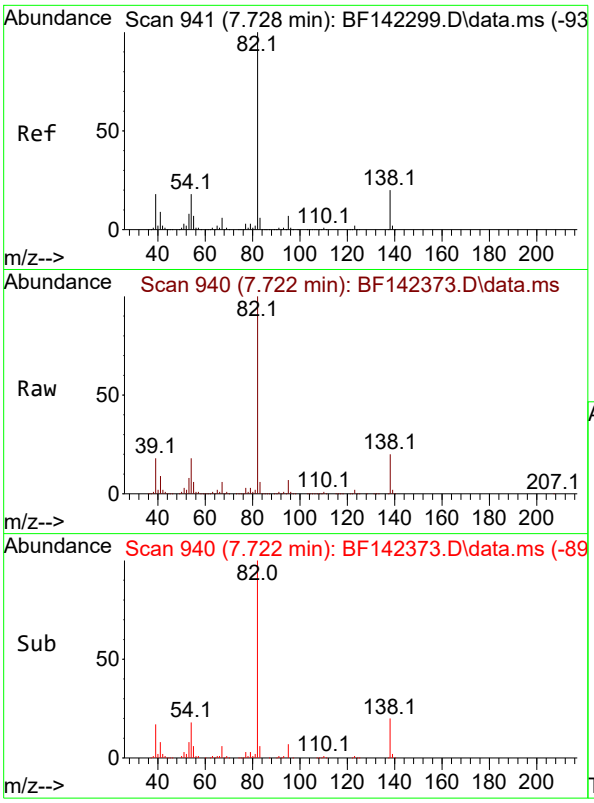


#24
Nitrobenzene
Concen: 46.385 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion: 77 Resp: 502910

Ion	Ratio	Lower	Upper
77	100		
123	49.6	37.8	56.8
65	14.4	11.4	17.0



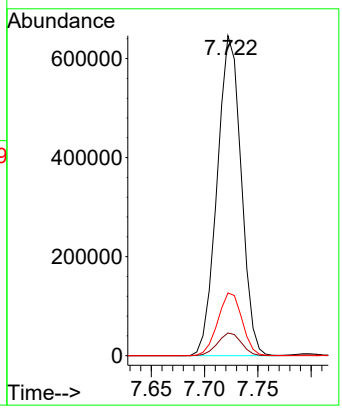


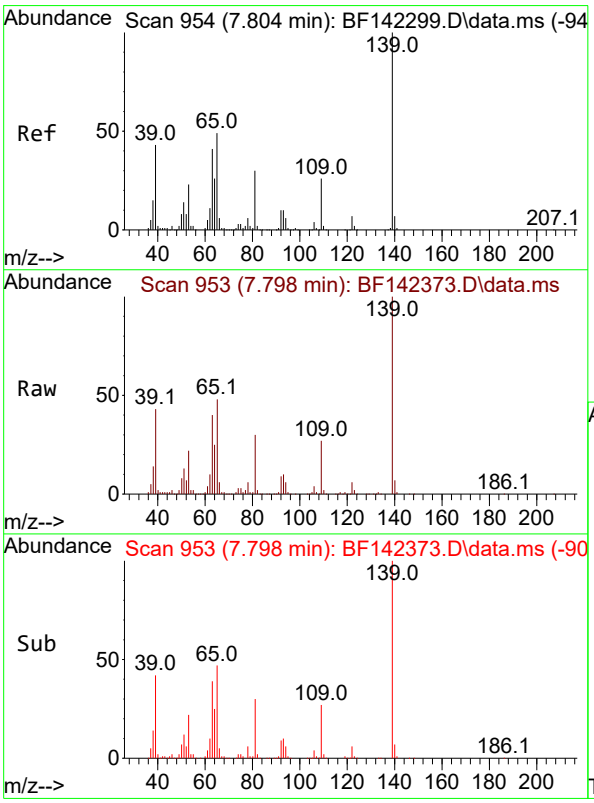
#25
Isophorone
Concen: 46.549 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion: 82 Resp: 1013860

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.8
138	19.6	16.1	24.1

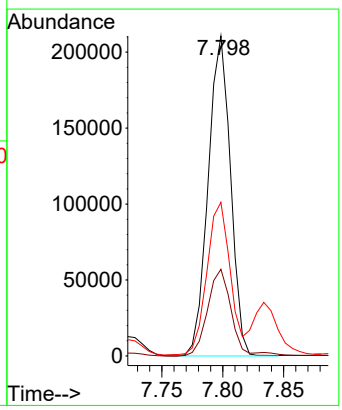


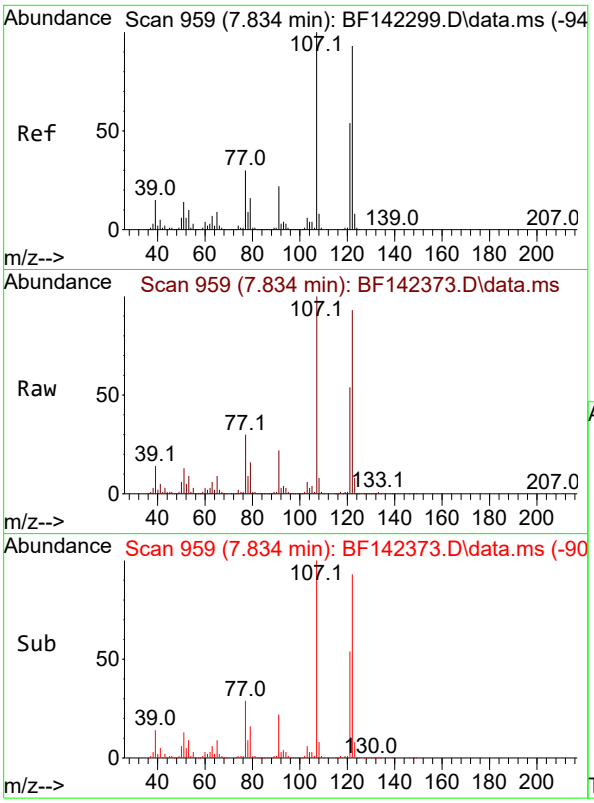


#26
2-Nitrophenol
Concen: 51.213 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:139 Resp: 269199

Ion	Ratio	Lower	Upper
139	100		
109	27.1	20.8	31.2
65	48.0	38.9	58.3



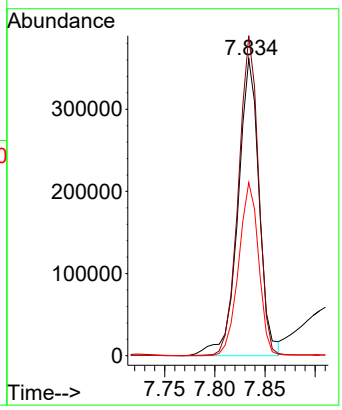


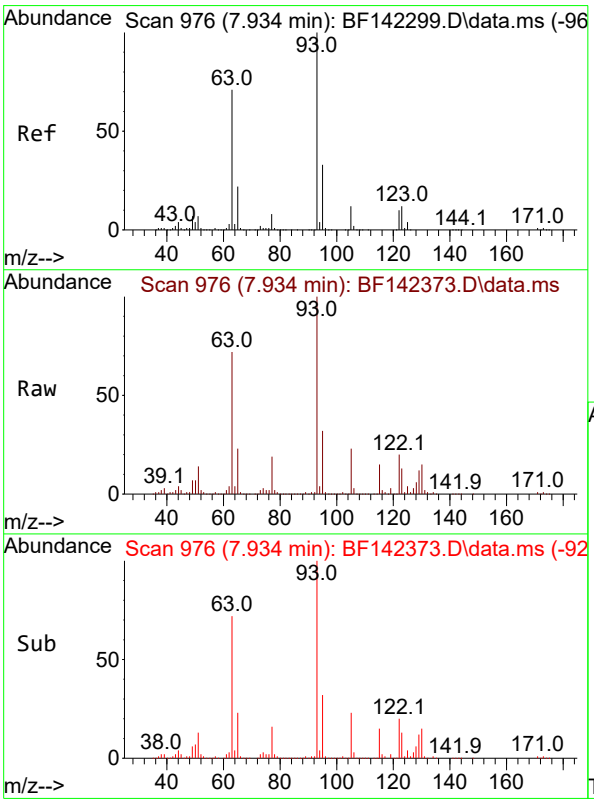
#27
2,4-Dimethylphenol
Concen: 48.508 ng
RT: 7.834 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:122 Resp: 531200

Ion	Ratio	Lower	Upper
122	100		
107	107.7	86.0	129.0
121	58.2	46.2	69.4

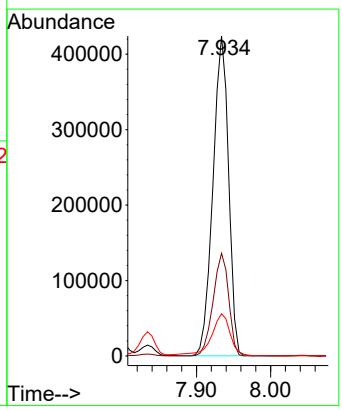


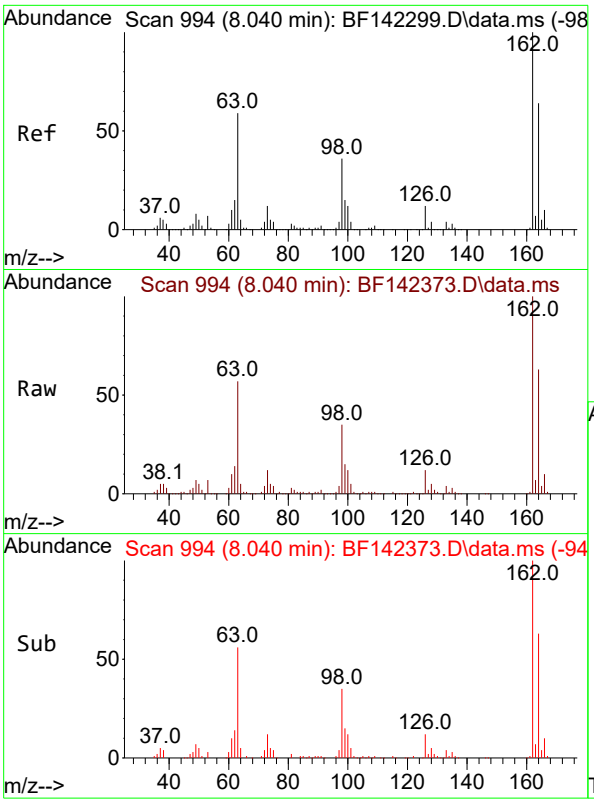


#28
bis(2-Chloroethoxy)methane
Concen: 44.225 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion: 93 Resp: 619391

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.1	39.1
123	13.2	10.2	15.4



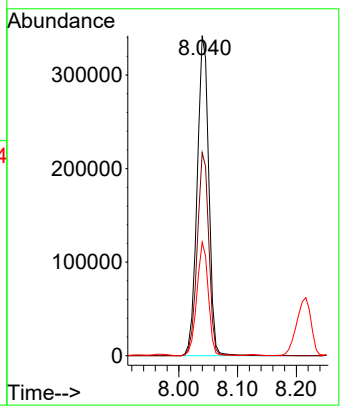


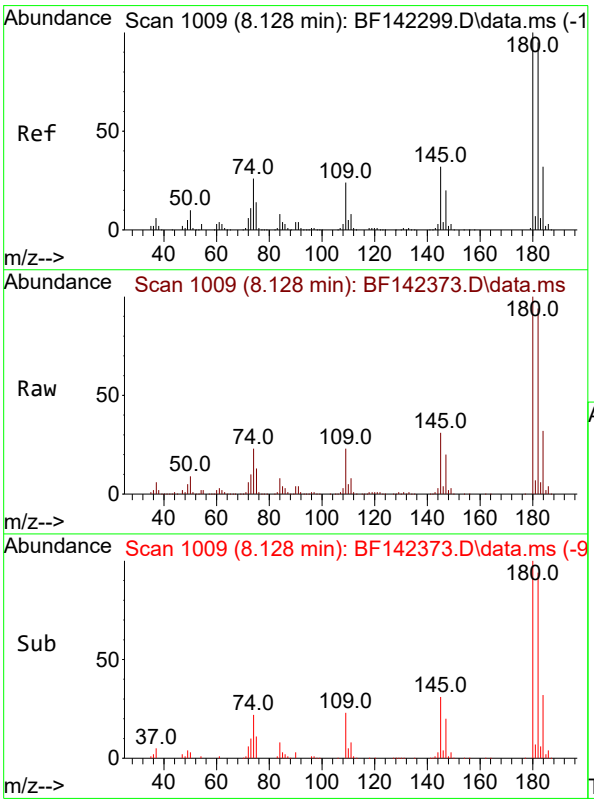
#29
2,4-Dichlorophenol
Concen: 50.413 ng
RT: 8.040 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:162 Resp: 469349

Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.6	83.6
98	35.5	16.5	56.5

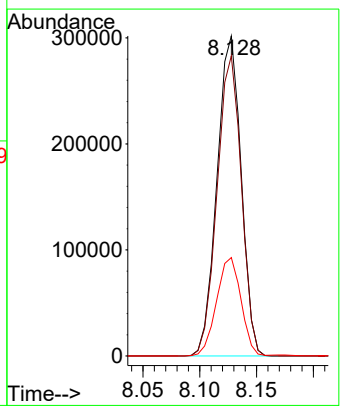


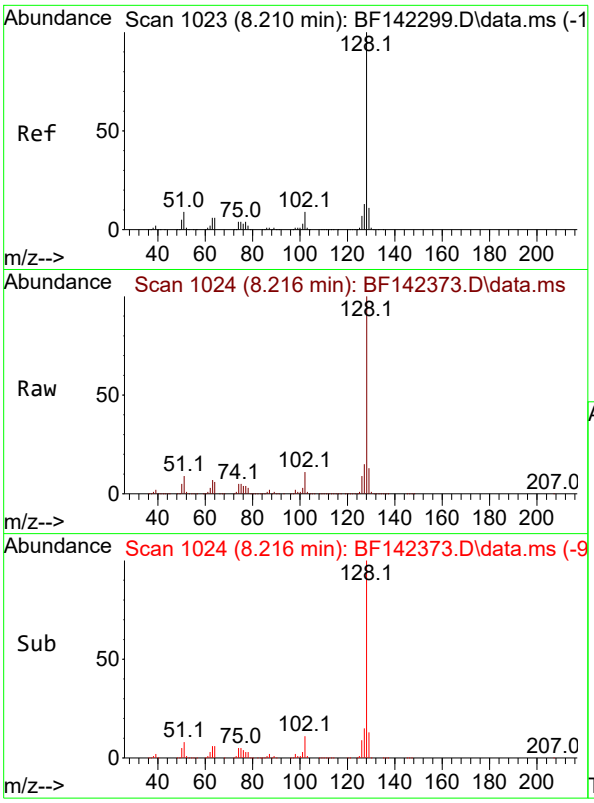


#30
1,2,4-Trichlorobenzene
Concen: 42.580 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:180 Resp: 446142

Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.2	114.4
145	30.8	25.8	38.6



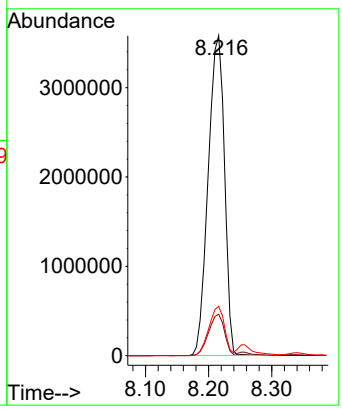


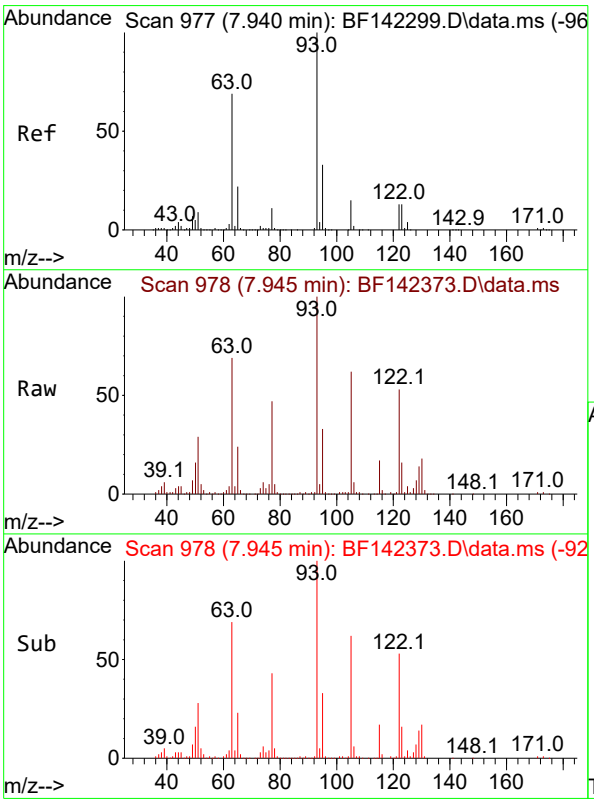
#31
Naphthalene
Concen: 188.687 ng
RT: 8.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:128 Resp: 6414852

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.1	13.7
127	15.5	10.5	15.7

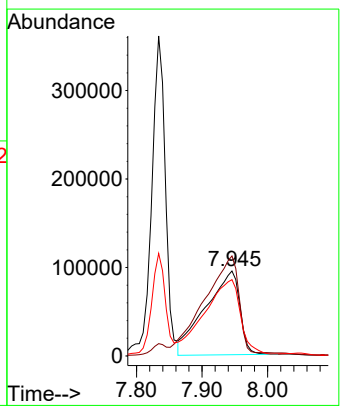


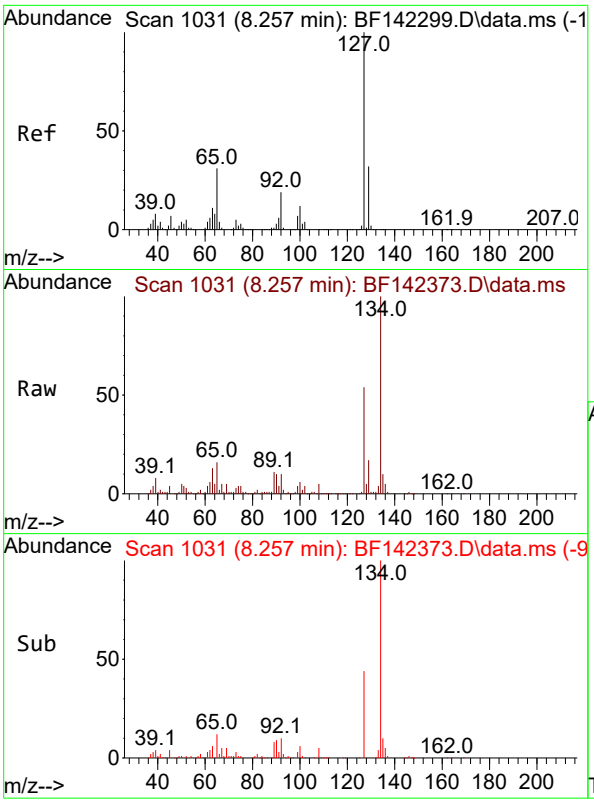


#32
Benzoic acid
Concen: 55.919 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.005 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:122 Resp: 344365

Ion	Ratio	Lower	Upper
122	100		
105	117.6	97.9	137.9
77	89.9	67.7	107.7



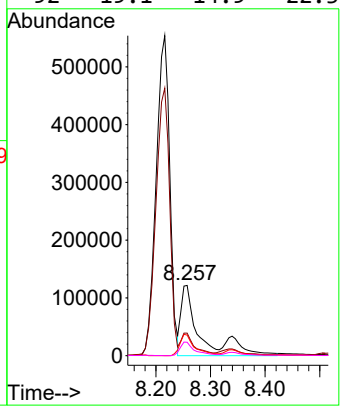


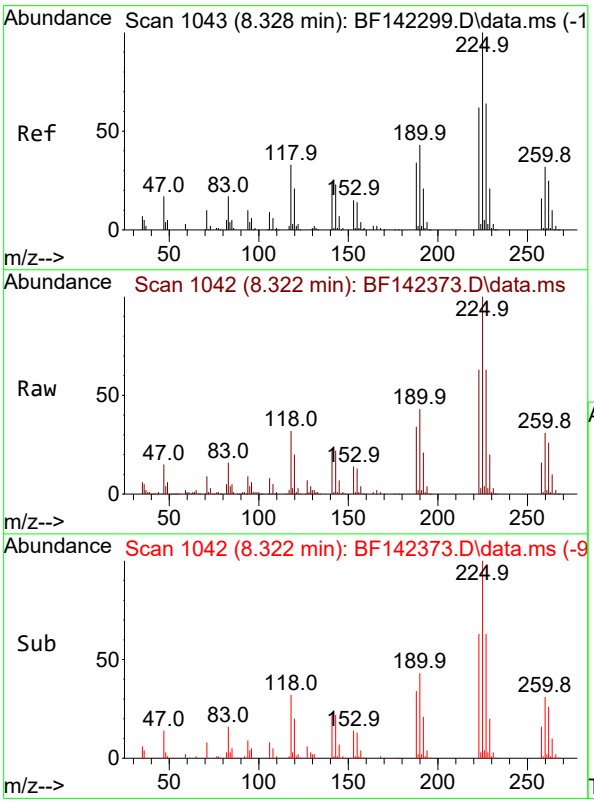
#33
4-Chloroaniline
Concen: 21.934 ng m
RT: 8.257 min Scan# 1
Delta R.T. -0.010 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:127 Resp: 304277

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	29.5	24.9	37.3
92	19.1	14.9	22.3

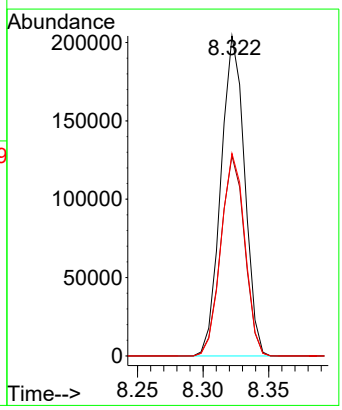


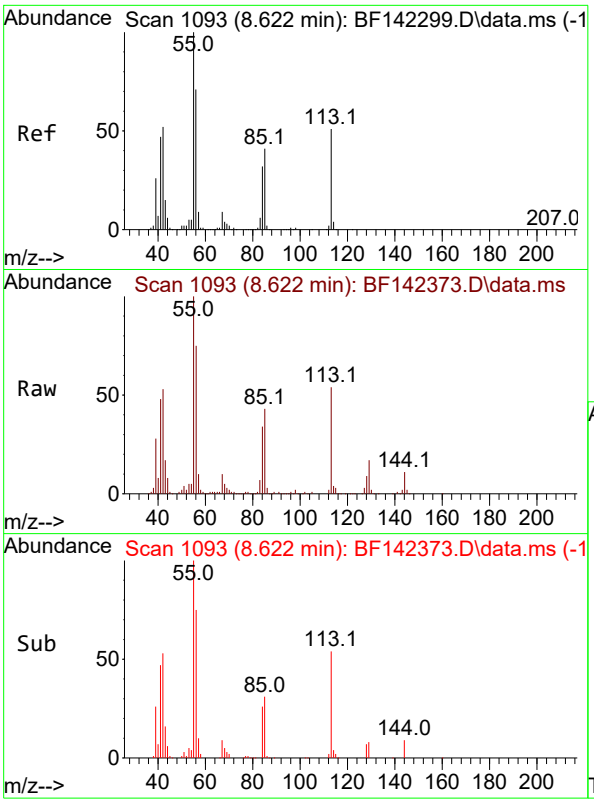


#34
Hexachlorobutadiene
Concen: 41.293 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:225 Resp: 256194

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	63.3	50.9	76.3



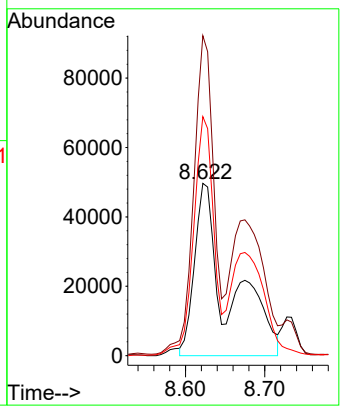


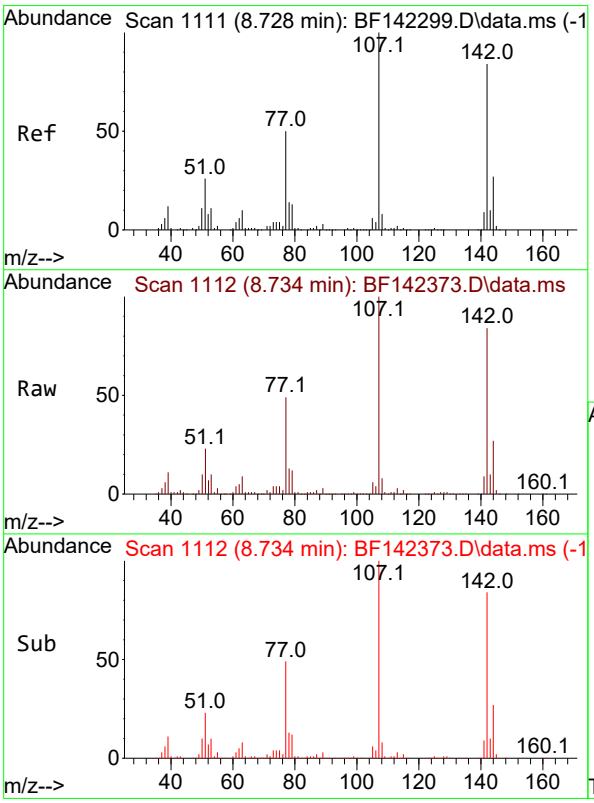
#35
Caprolactam
Concen: 54.096 ng m
RT: 8.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:113 Resp: 146780

Ion	Ratio	Lower	Upper
113	100		
55	185.7	176.4	216.4
56	138.8	120.3	160.3

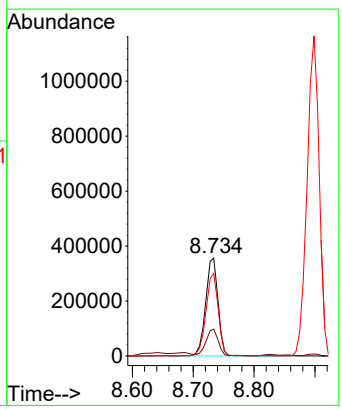


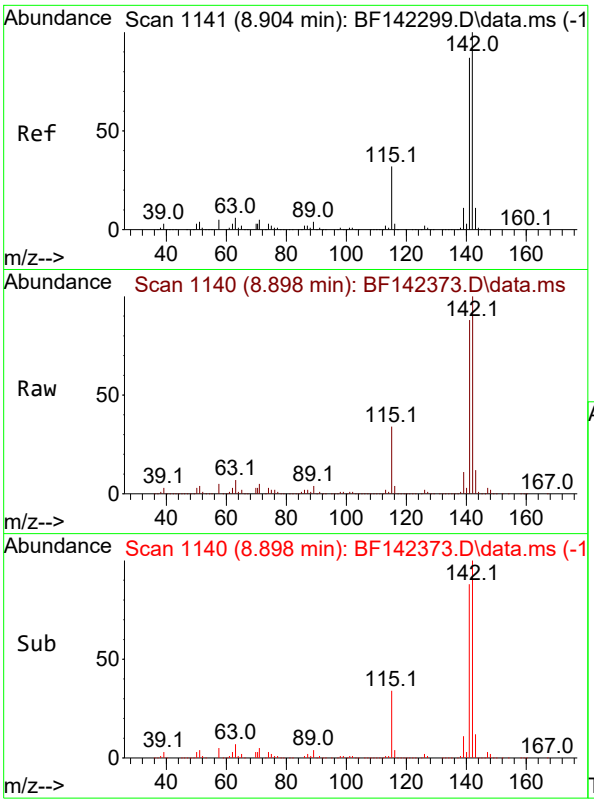


#36
4-Chloro-3-methylphenol
Concen: 51.956 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:107 Resp: 502825

Ion	Ratio	Lower	Upper
107	100		
144	27.4	21.3	31.9
142	84.3	66.9	100.3



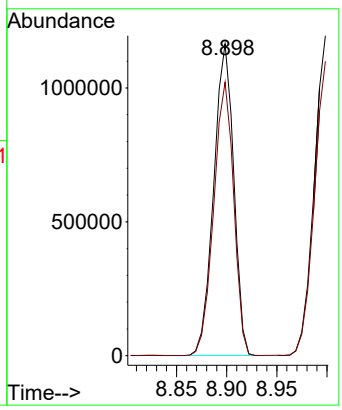


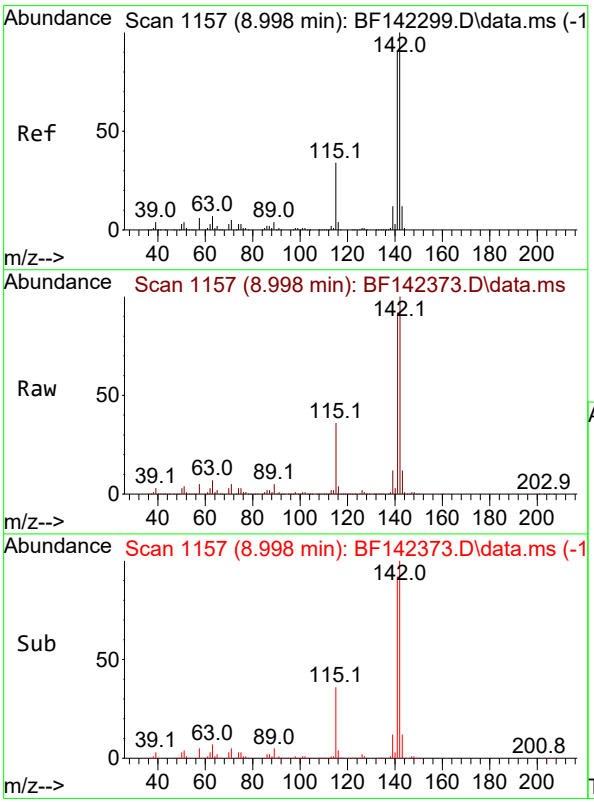
#37
2-Methylnaphthalene
Concen: 76.218 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:142 Resp: 1610135

Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.4	104.2

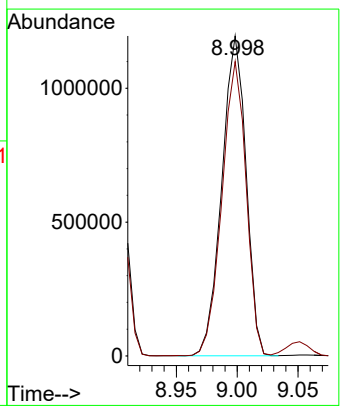


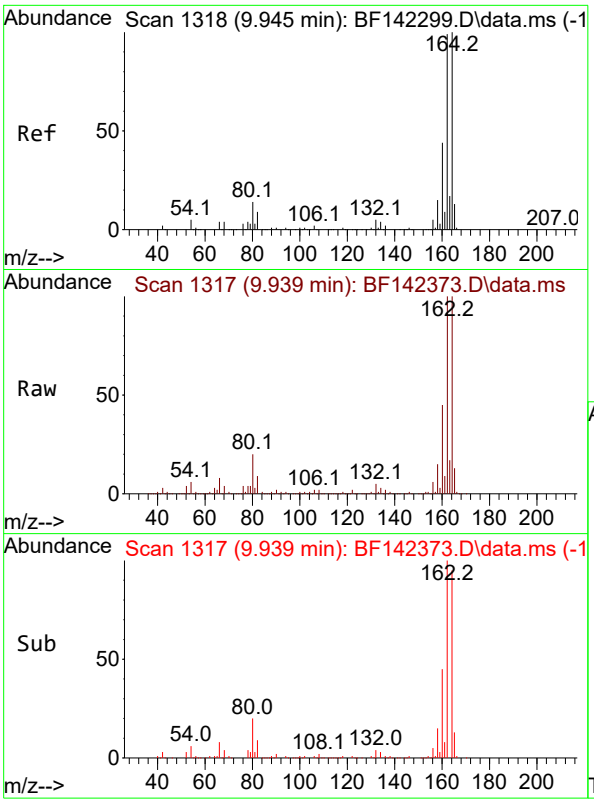


#38
1-Methylnaphthalene
Concen: 75.296 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:142 Resp: 1657888

Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.5	108.7



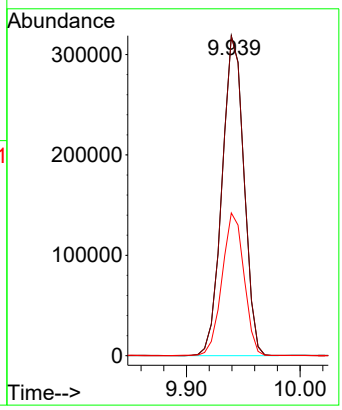


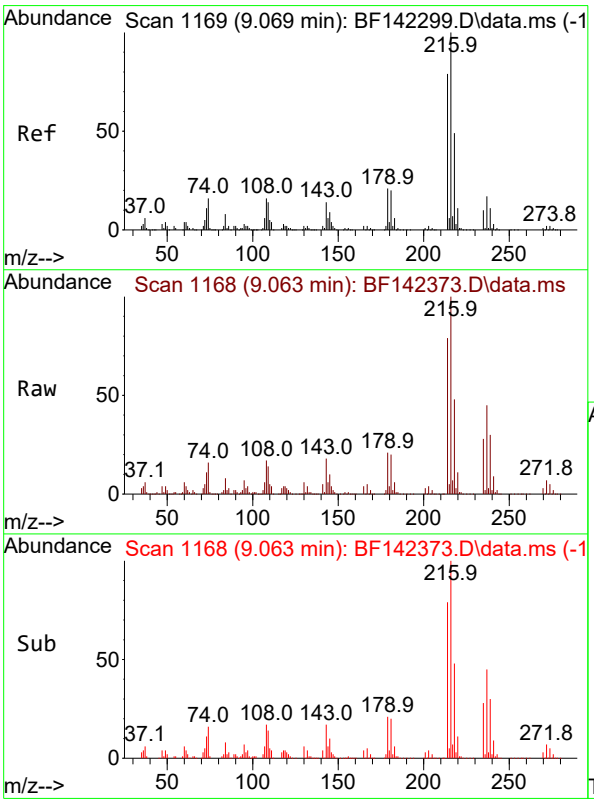
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:164 Resp: 425907

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.2	118.8
160	44.6	35.3	52.9

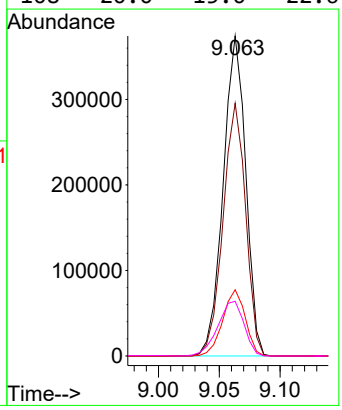


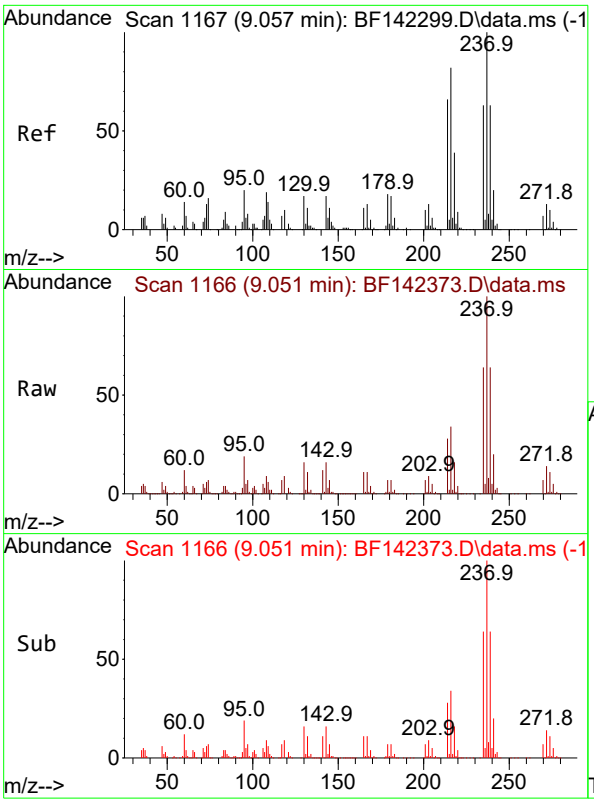


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.567 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:216 Resp: 482550

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	20.7	17.0	25.6
108	20.0	15.0	22.6



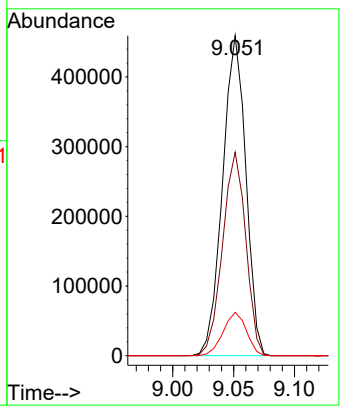


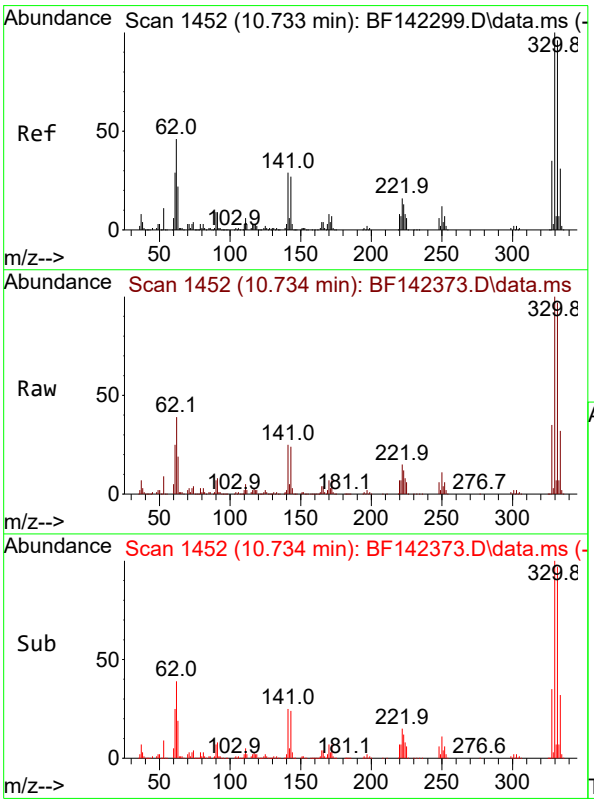
#41
Hexachlorocyclopentadiene
Concen: 83.003 ng
RT: 9.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:237 Resp: 610197

Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.8	82.8
272	13.5	0.0	33.0

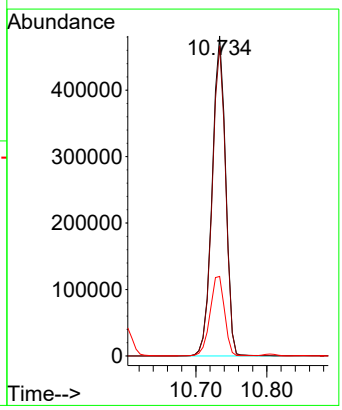


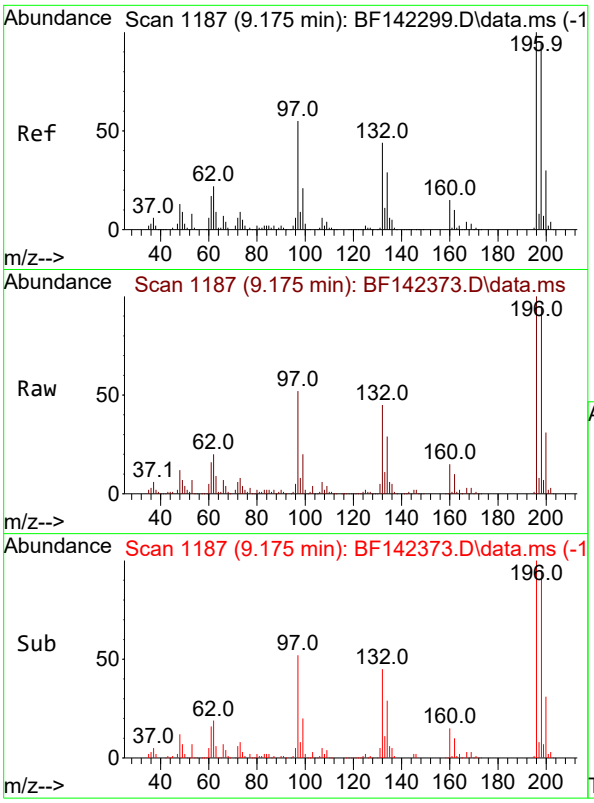


#42
2,4,6-Tribromophenol
Concen: 154.261 ng
RT: 10.734 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:330 Resp: 634330

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	26.7	24.9	37.3



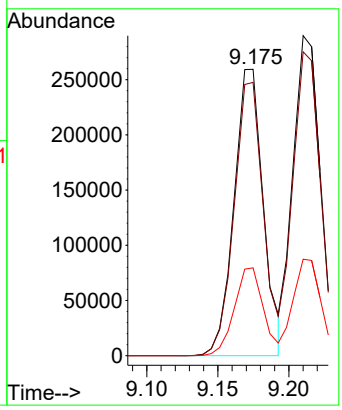


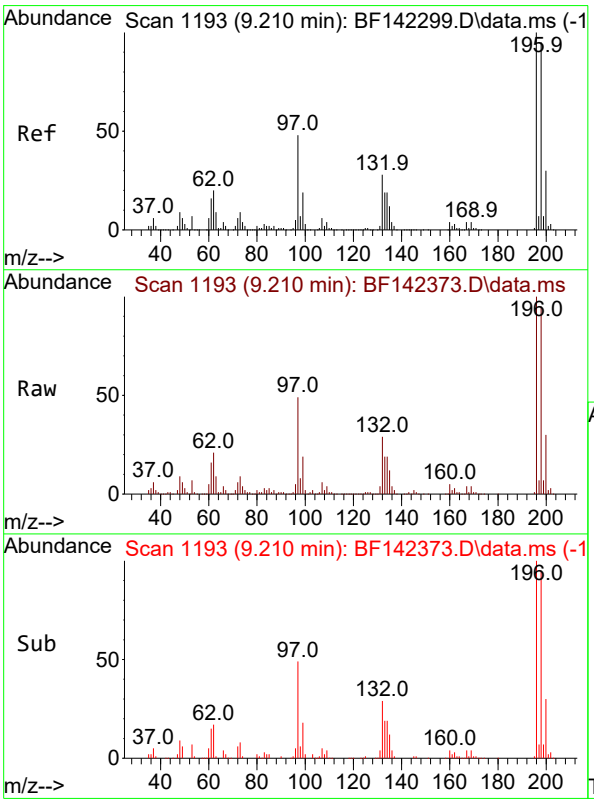
#43
2,4,6-Trichlorophenol
Concen: 49.517 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:196 Resp: 371527

Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.4	113.0
200	30.7	24.3	36.5

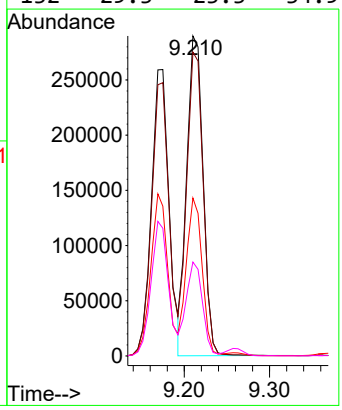


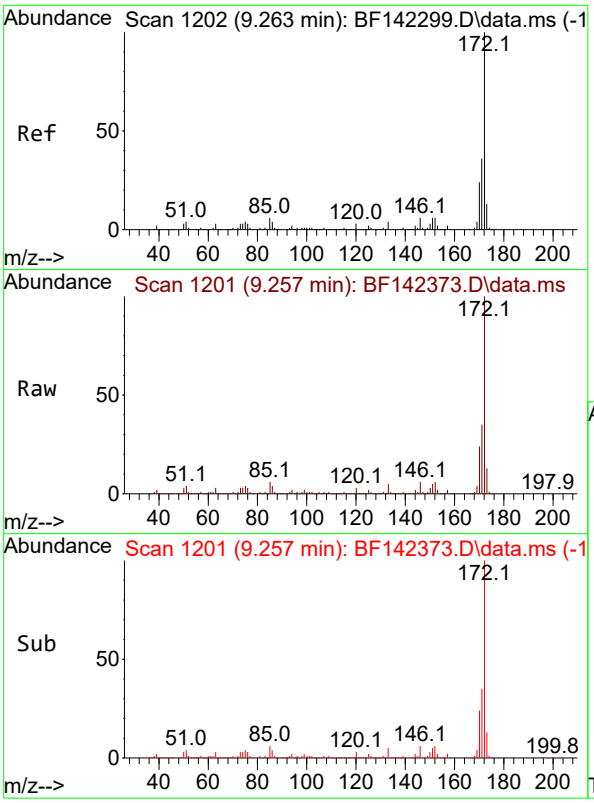


#44
2,4,5-Trichlorophenol
Concen: 48.425 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:196 Resp: 386591

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.1	114.1
97	49.4	39.0	58.4
132	29.3	23.3	34.9



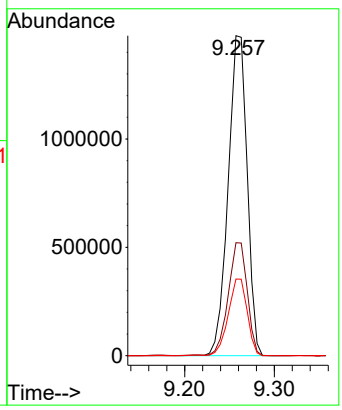


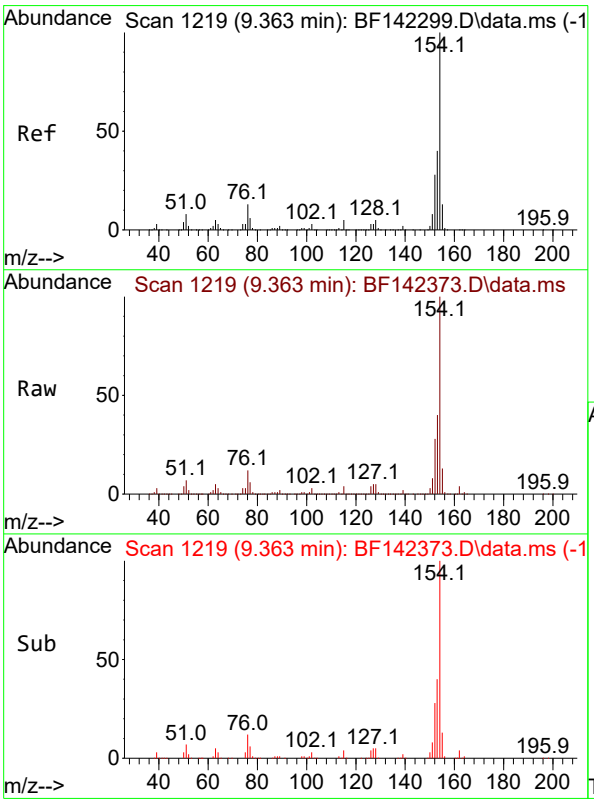
#45
2-Fluorobiphenyl
Concen: 72.645 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:172 Resp: 2169889

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	24.0	19.0	28.4

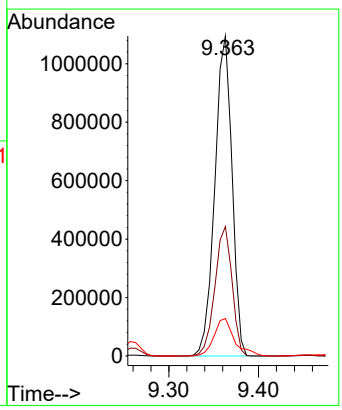


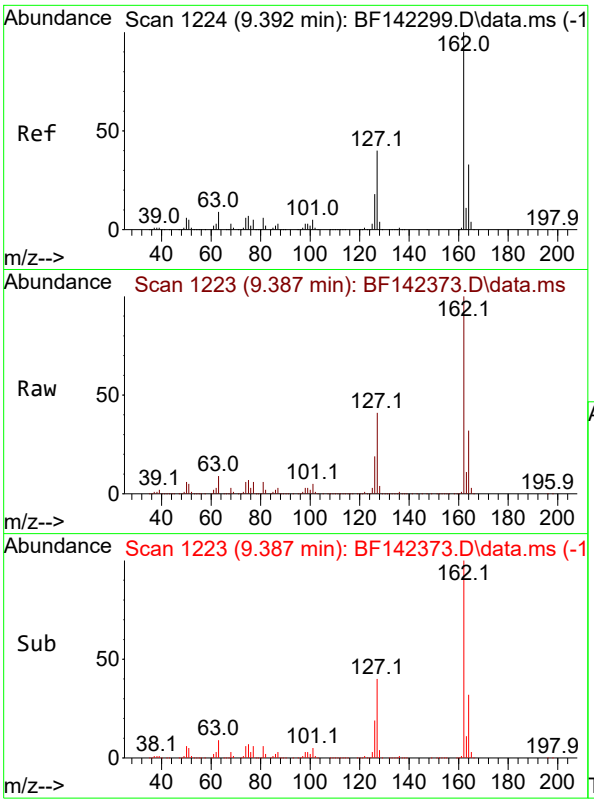


#46
1,1'-Biphenyl
Concen: 44.625 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:154 Resp: 1457266

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	11.7	0.0	32.8



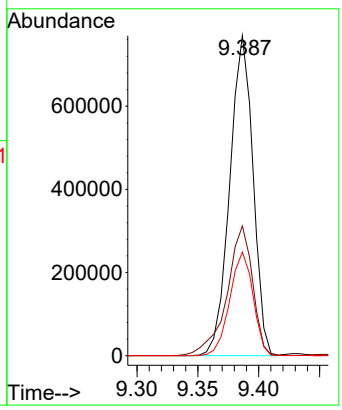


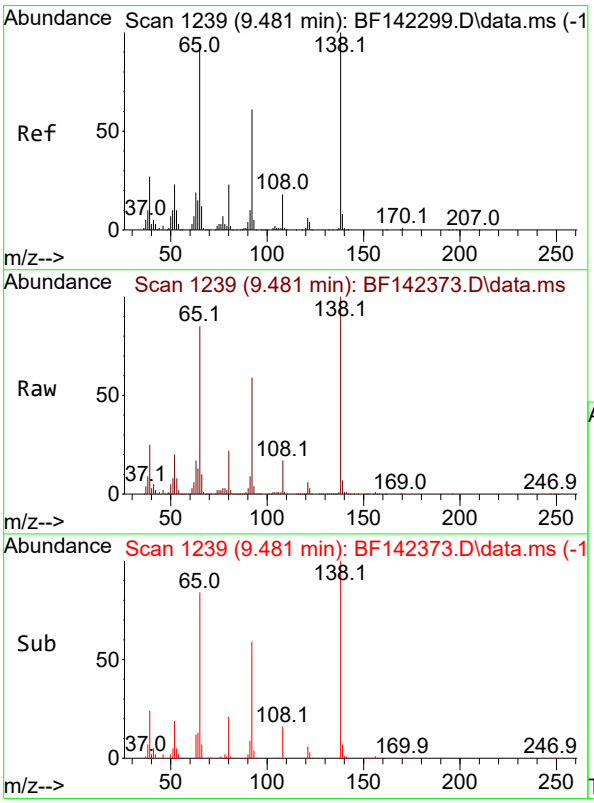
#47
2-Chloronaphthalene
Concen: 42.093 ng
RT: 9.387 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:162 Resp: 1022257

Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.3	48.5
164	32.4	26.6	40.0

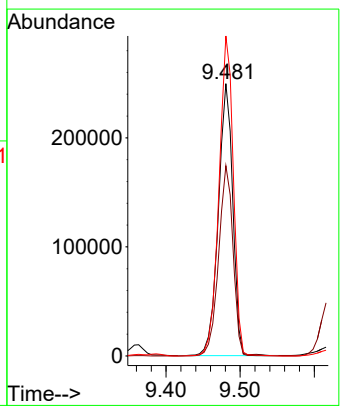


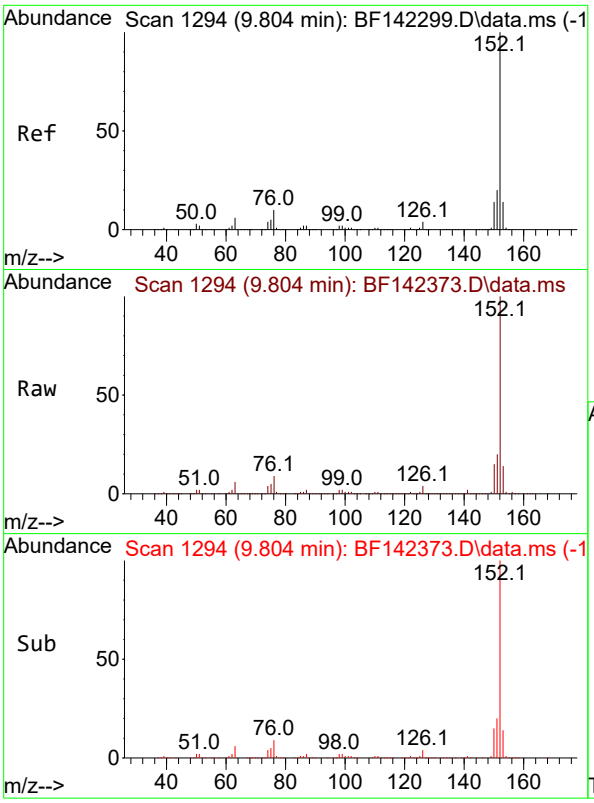


#48
2-Nitroaniline
Concen: 54.382 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion: 65 Resp: 338524

Ion	Ratio	Lower	Upper
65	100		
92	69.9	52.3	78.5
138	117.5	85.6	128.4



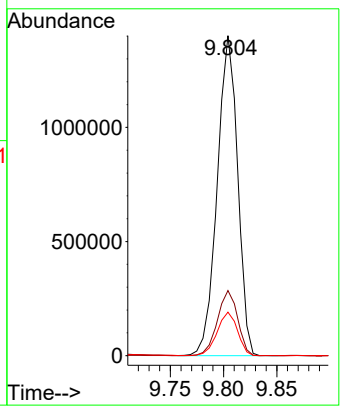


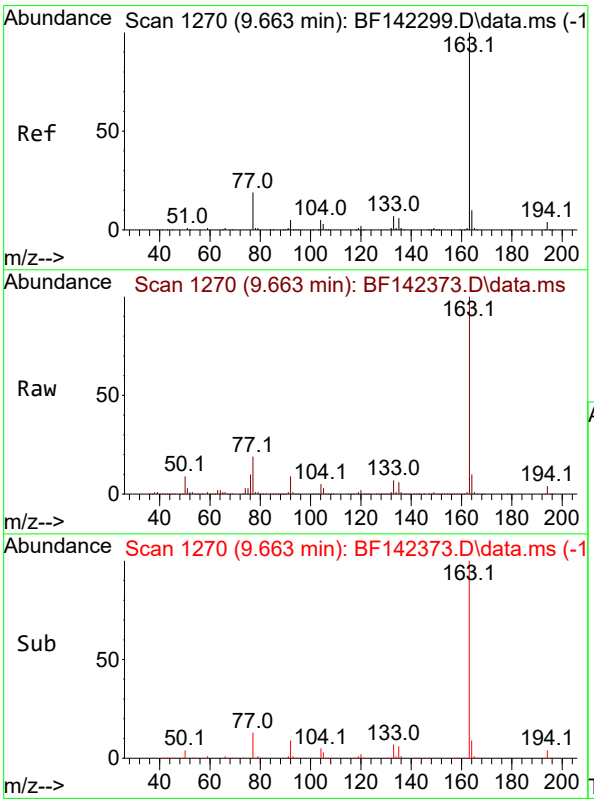
#49
Acenaphthylene
Concen: 45.898 ng
RT: 9.804 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:152 Resp: 1864675

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	13.6	10.8	16.2

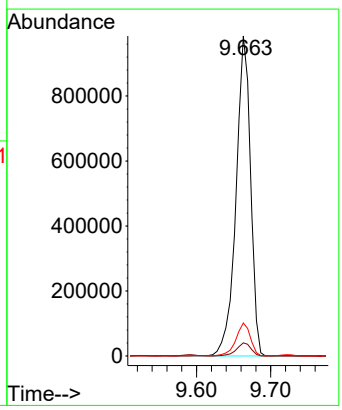


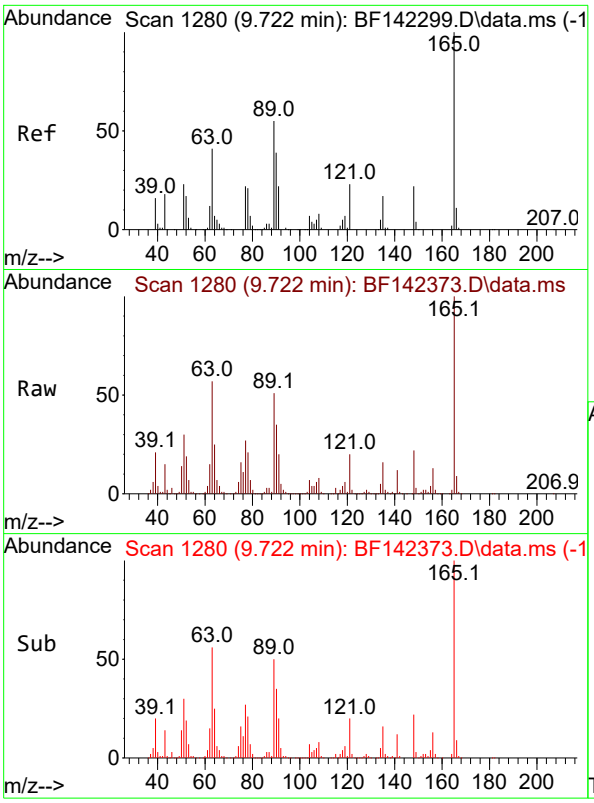


#50
Dimethylphthalate
Concen: 49.082 ng
RT: 9.663 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:163 Resp: 1342328

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	8.3	12.5



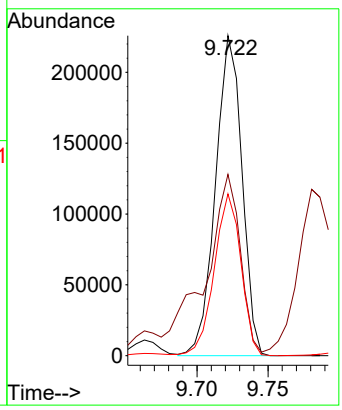


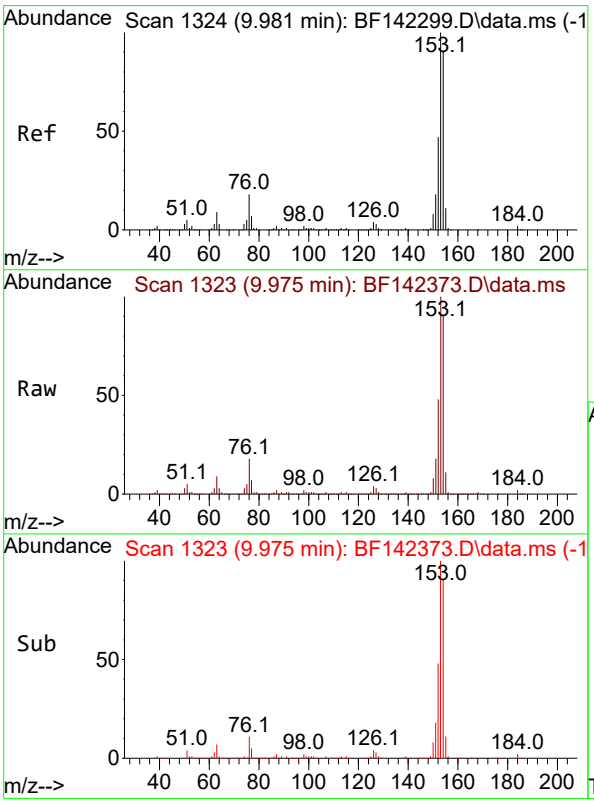
#51
2,6-Dinitrotoluene
Concen: 57.243 ng
RT: 9.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:165 Resp: 293039

Ion	Ratio	Lower	Upper
165	100		
63	56.7	49.5	74.3
89	50.5	44.6	66.8

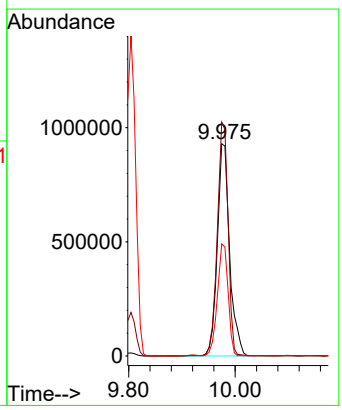


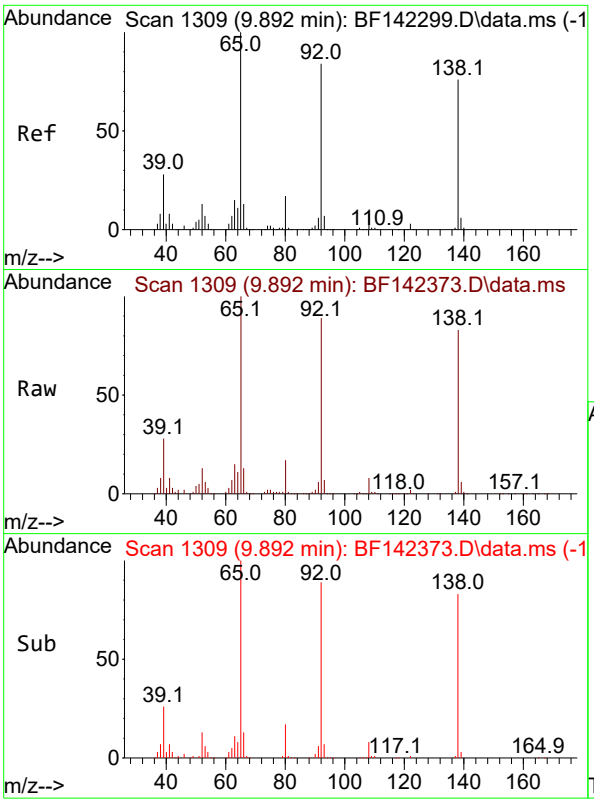


#52
Acenaphthene
Concen: 61.153 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:154 Resp: 1493853

Ion	Ratio	Lower	Upper
154	100		
153	110.2	88.0	132.0
152	52.8	41.6	62.4



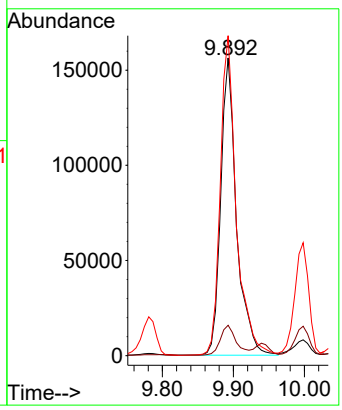


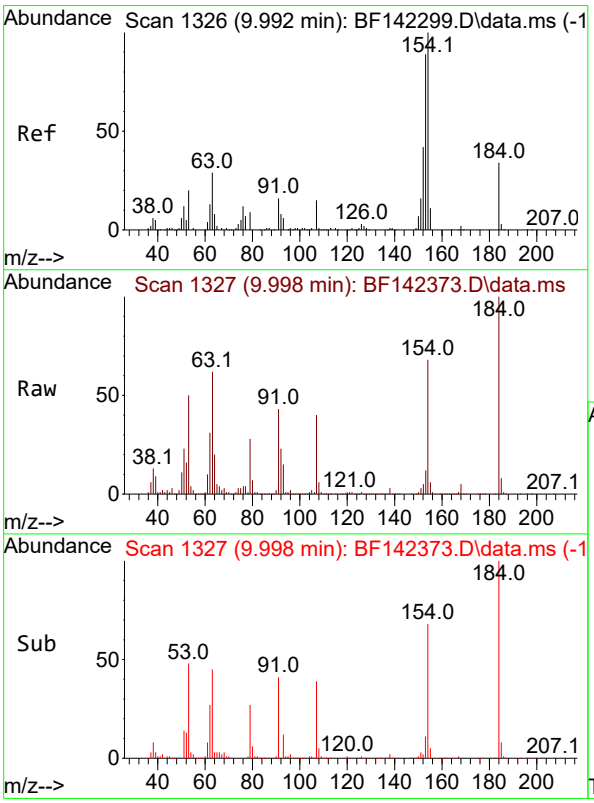
#53
3-Nitroaniline
Concen: 40.062 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:138 Resp: 240523

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.7	13.1
92	107.5	89.5	134.3

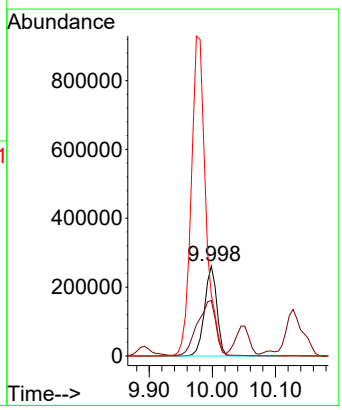


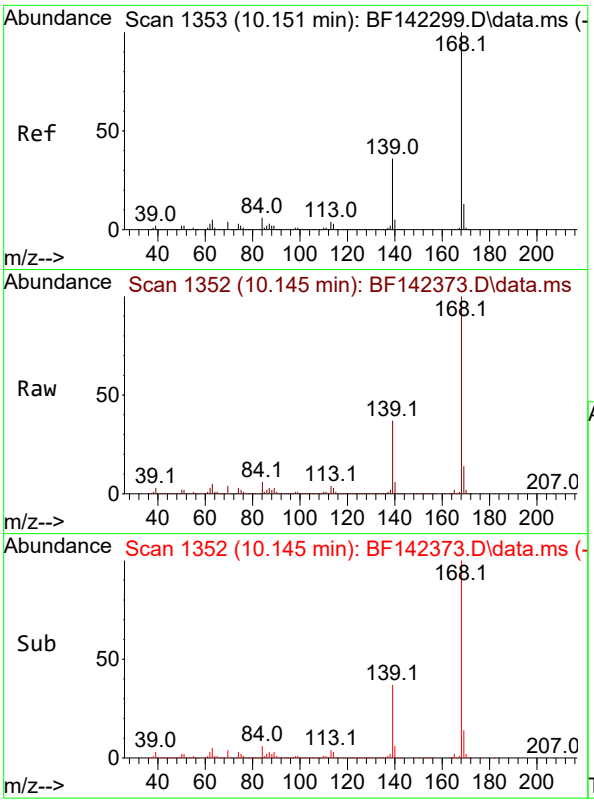


#54
2,4-Dinitrophenol
Concen: 127.284 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:184 Resp: 354302

Ion	Ratio	Lower	Upper
184	100		
63	61.6	70.6	105.8#
154	68.3	257.2	385.8#



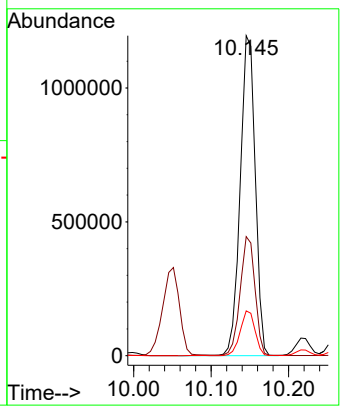


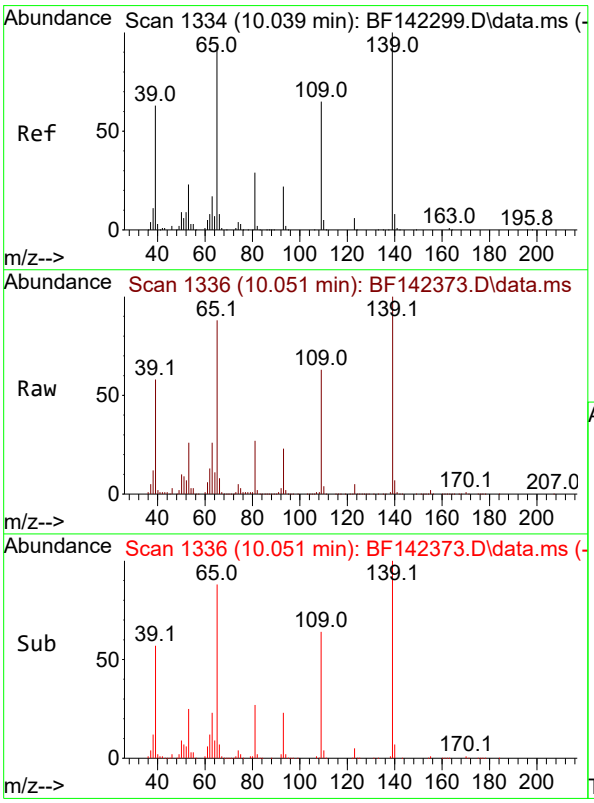
#55
Dibenzofuran
Concen: 44.811 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:168 Resp: 1615499

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.0	43.4
169	14.0	10.7	16.1

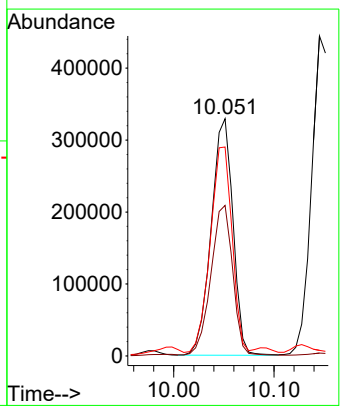


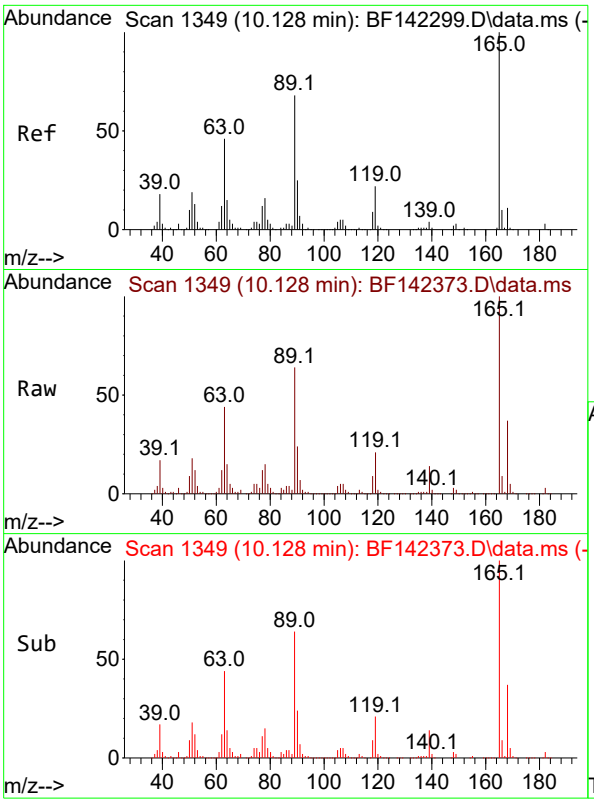


#56
4-Nitrophenol
Concen: 109.890 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:139 Resp: 496548

Ion	Ratio	Lower	Upper
139	100		
109	63.5	45.3	85.3
65	88.1	73.9	113.9



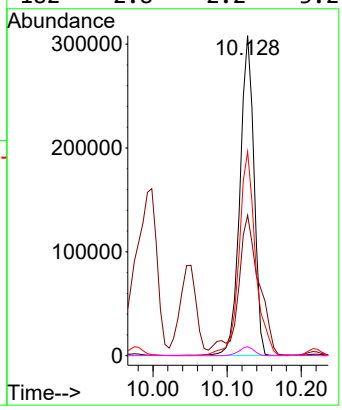


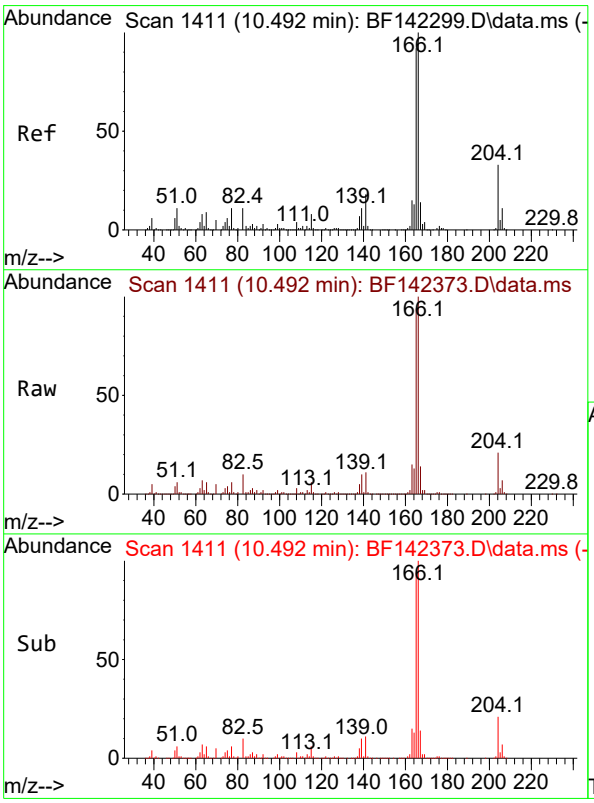
#57
2,4-Dinitrotoluene
Concen: 61.852 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:165 Resp: 406148

Ion	Ratio	Lower	Upper
165	100		
63	43.9	37.1	55.7
89	63.8	54.4	81.6
182	2.8	2.2	3.2

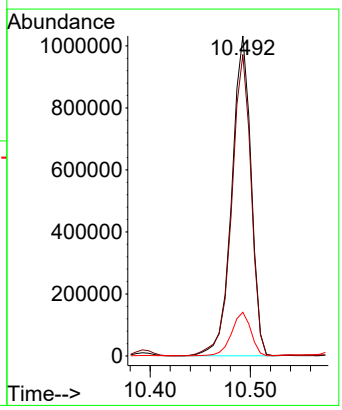


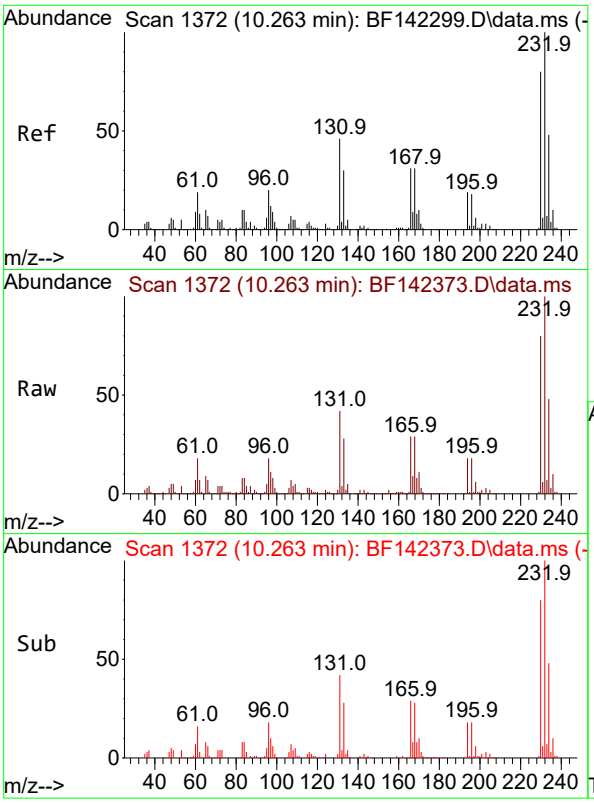


#58
Fluorene
Concen: 50.072 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:166 Resp: 1377632

Ion	Ratio	Lower	Upper
166	100		
165	94.2	74.0	111.0
167	13.6	10.9	16.3



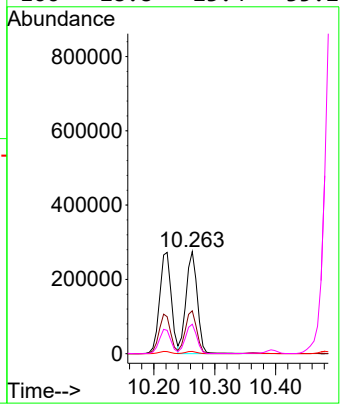


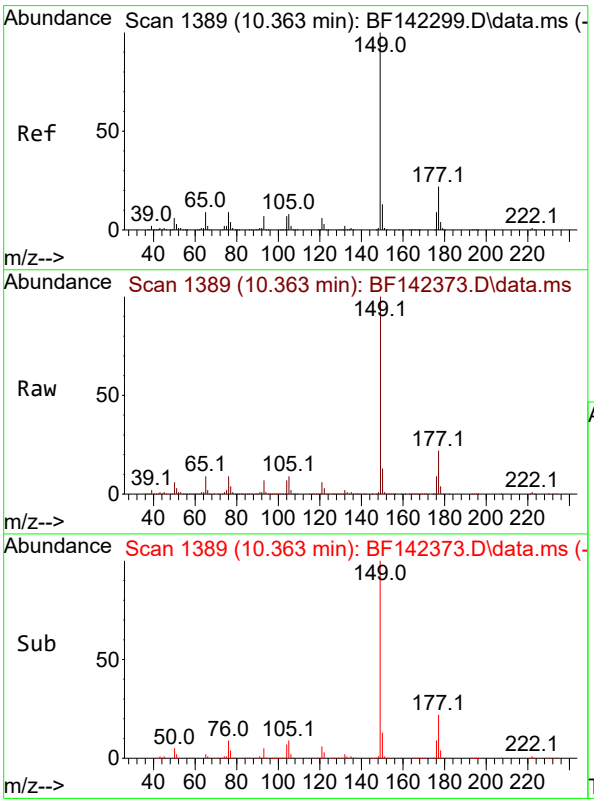
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.294 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:232 Resp: 351224

Ion	Ratio	Lower	Upper
232	100		
131	42.7	36.0	54.0
130	2.2	1.8	2.6
166	28.8	23.4	35.2

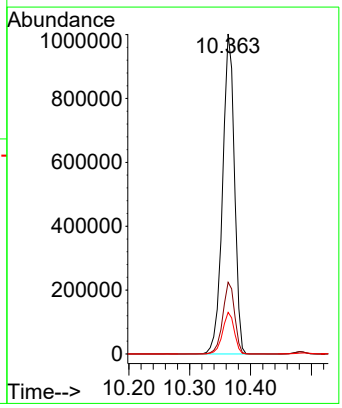


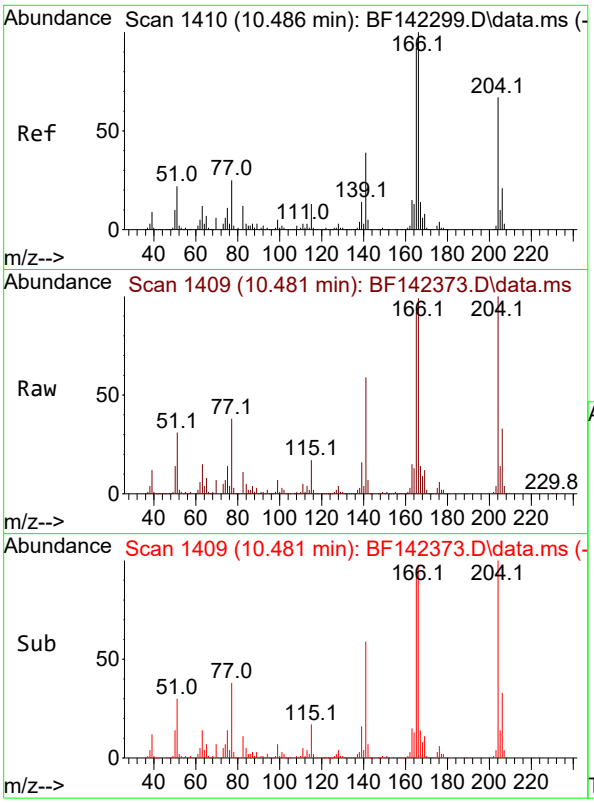


#60
Diethylphthalate
Concen: 49.654 ng
RT: 10.363 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:149 Resp: 1356138

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.6	26.4
150	13.0	10.1	15.1



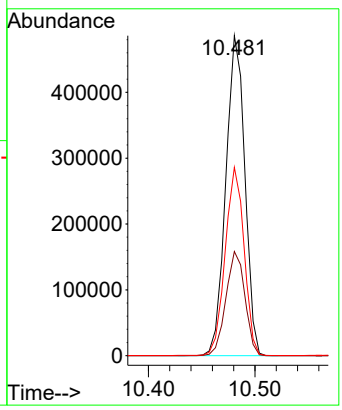


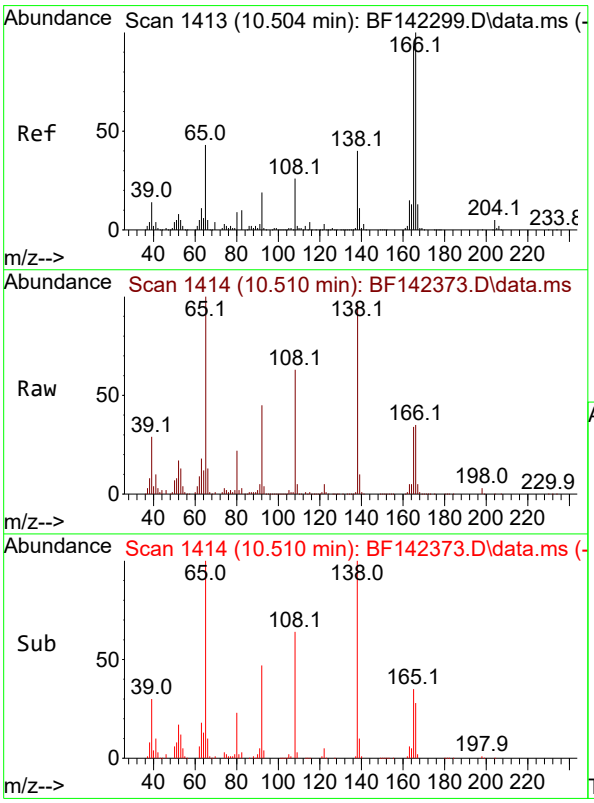
#61
4-Chlorophenyl-phenylether
Concen: 45.513 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:204 Resp: 604128

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.5	38.3
141	58.8	46.4	69.6

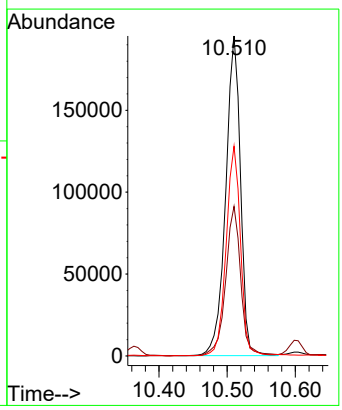


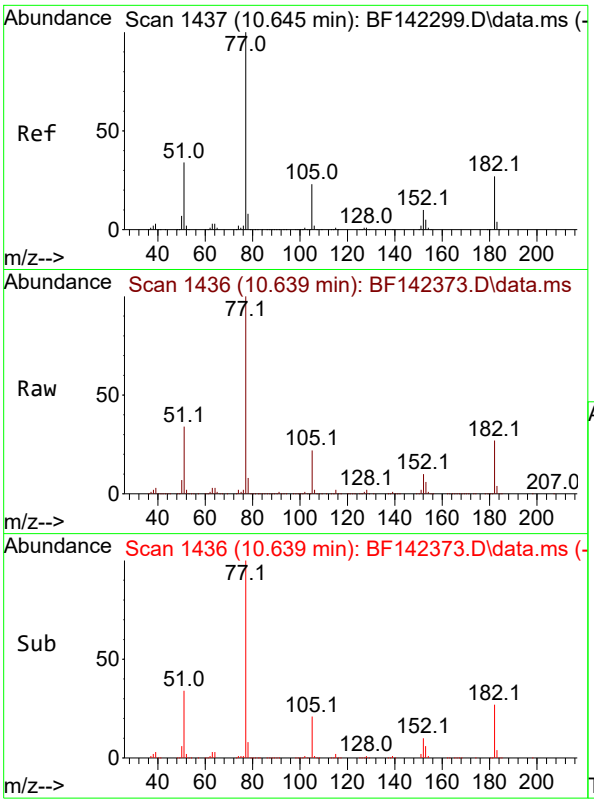


#62
4-Nitroaniline
Concen: 62.292 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:138 Resp: 296414

Ion	Ratio	Lower	Upper
138	100		
92	46.7	27.3	67.3
108	65.6	45.1	85.1



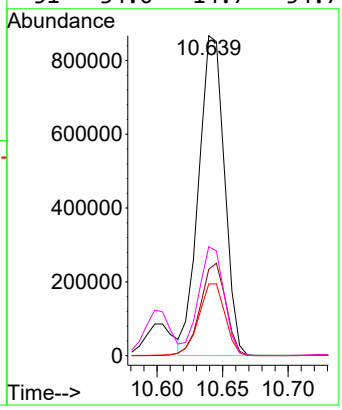


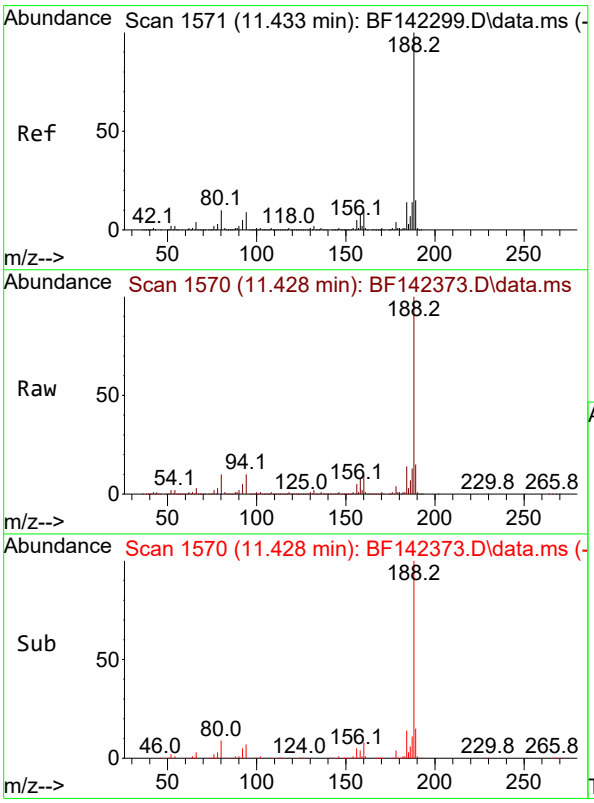
#63
Azobenzene
Concen: 45.394 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion: 77 Resp: 1184720

Ion	Ratio	Lower	Upper
77	100		
182	27.0	6.9	46.9
105	22.4	2.7	42.7
51	34.0	14.7	54.7

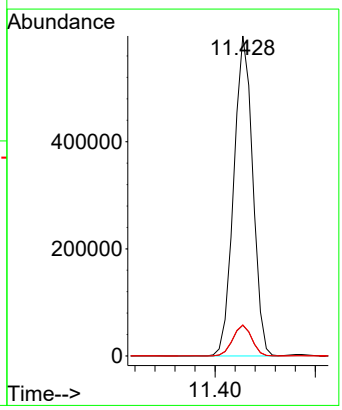


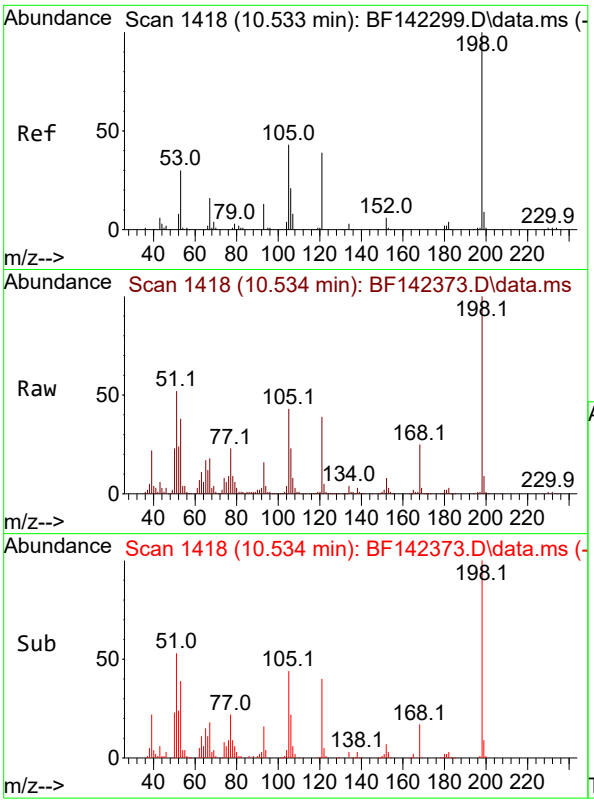


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:188 Resp: 786136

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.5	11.3
80	9.7	7.9	11.9



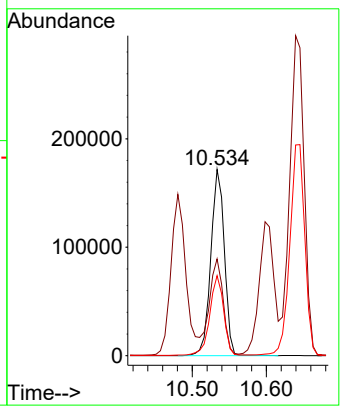


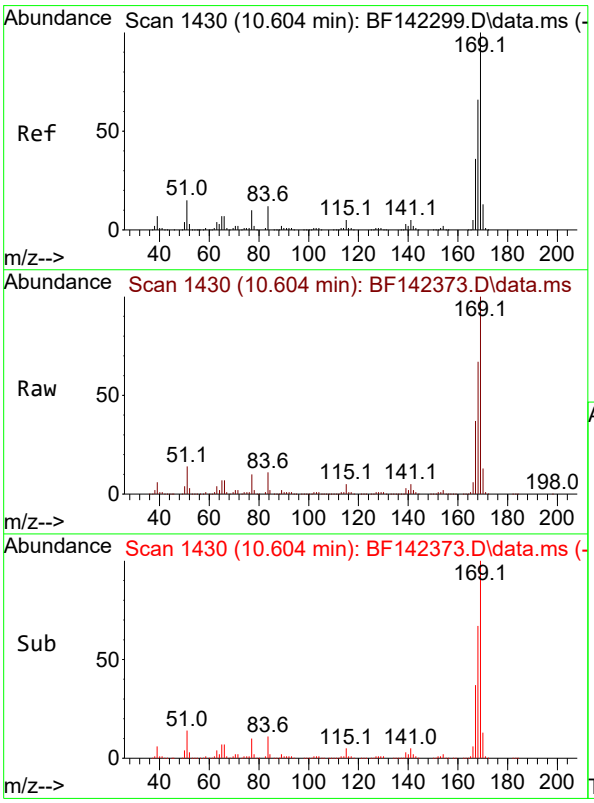
#65
4,6-Dinitro-2-methylphenol
Concen: 57.749 ng
RT: 10.534 min Scan# 14
Delta R.T. 0.001 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:198 Resp: 217913

Ion	Ratio	Lower	Upper
198	100		
51	52.0	32.9	72.9
105	43.0	23.7	63.7

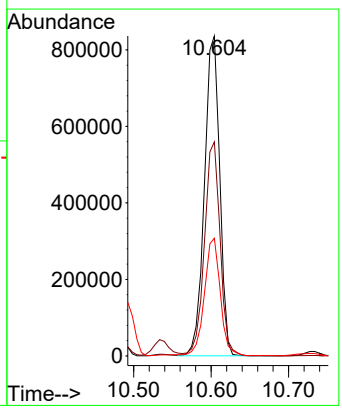


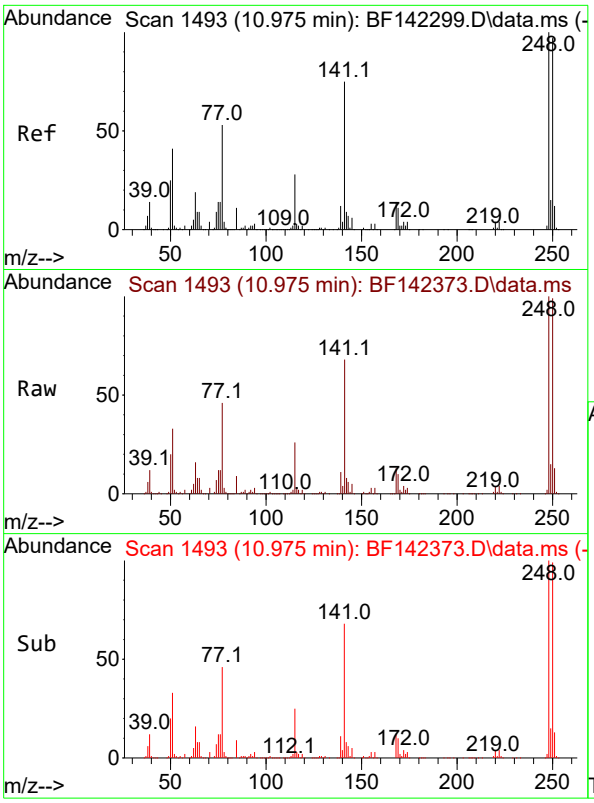


#66
n-Nitrosodiphenylamine
Concen: 43.750 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:169 Resp: 1144480

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.2	79.8
167	36.8	28.9	43.3



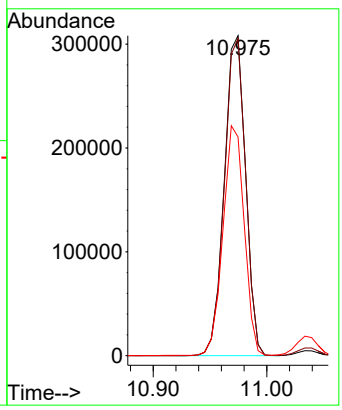


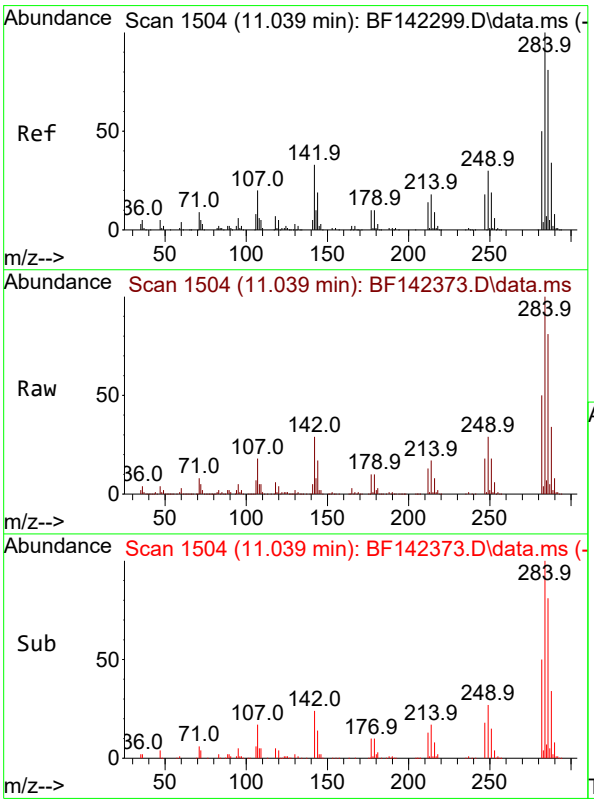
#67
4-Bromophenyl-phenylether
Concen: 45.072 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:248 Resp: 401569

Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.9	116.9
141	68.4	59.8	89.8

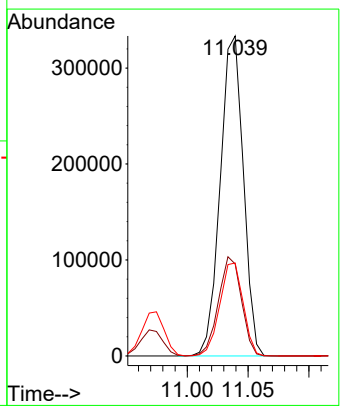


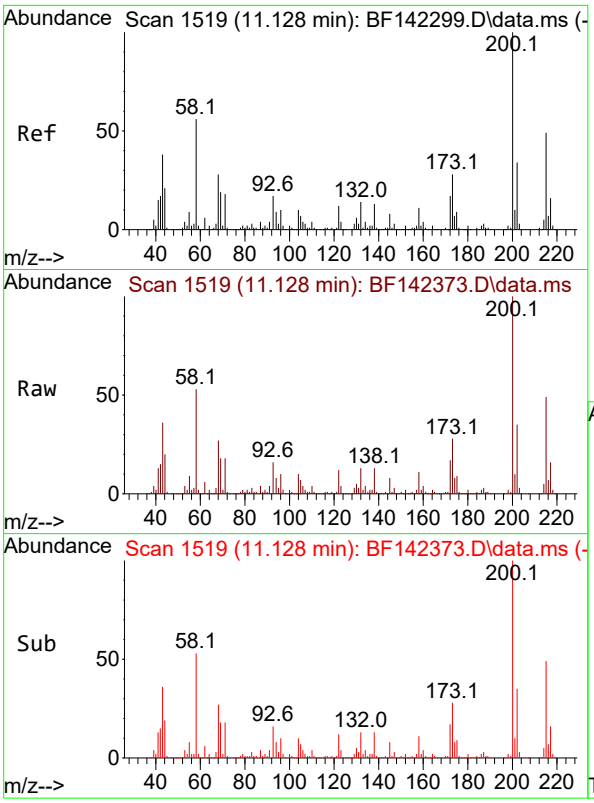


#68
Hexachlorobenzene
Concen: 44.921 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:284 Resp: 440242

Ion	Ratio	Lower	Upper
284	100		
142	28.7	26.6	39.8
249	29.0	24.1	36.1



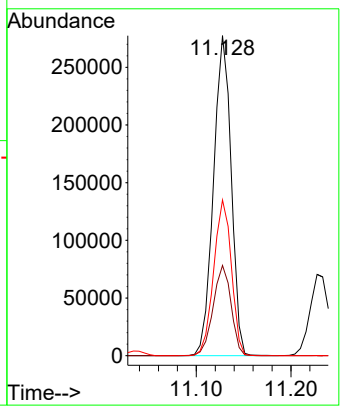


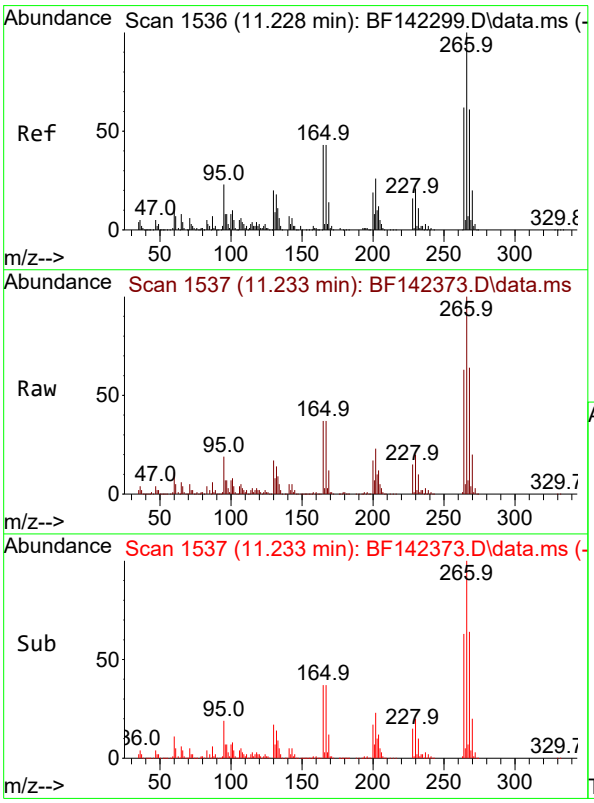
#69
Atrazine
Concen: 52.162 ng
RT: 11.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:200 Resp: 359696

Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.1	48.1
215	48.7	28.8	68.8

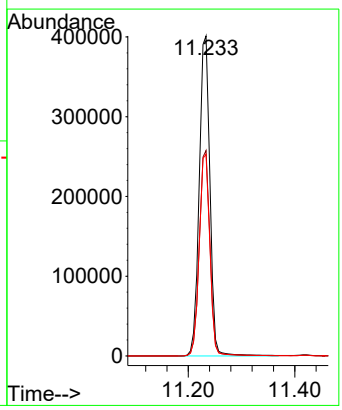


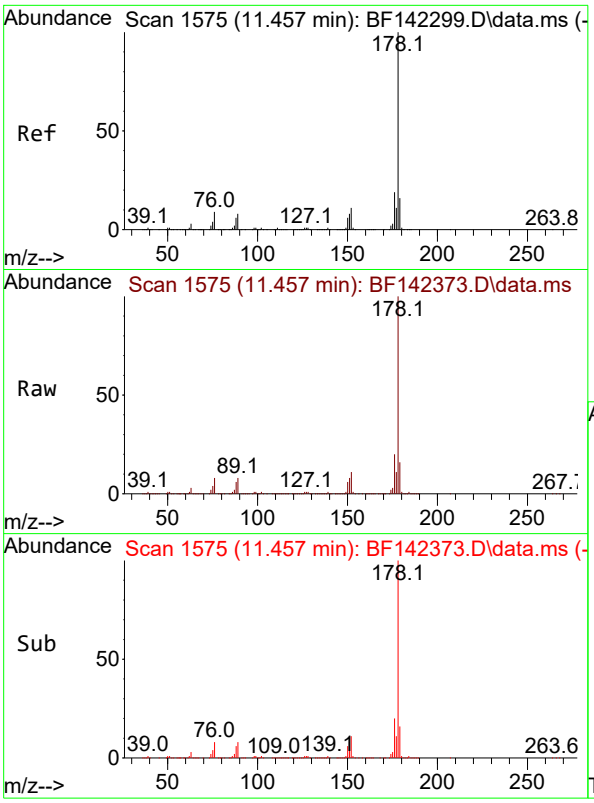


#70
Pentachlorophenol
Concen: 108.355 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:266 Resp: 558643

Ion	Ratio	Lower	Upper
266	100		
268	64.2	48.7	73.1
264	63.0	49.8	74.6



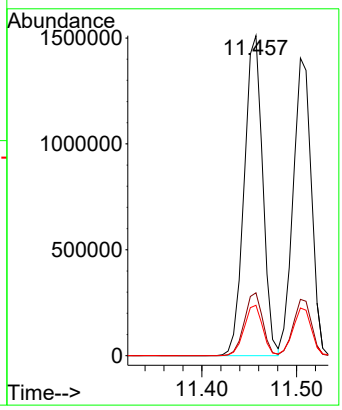


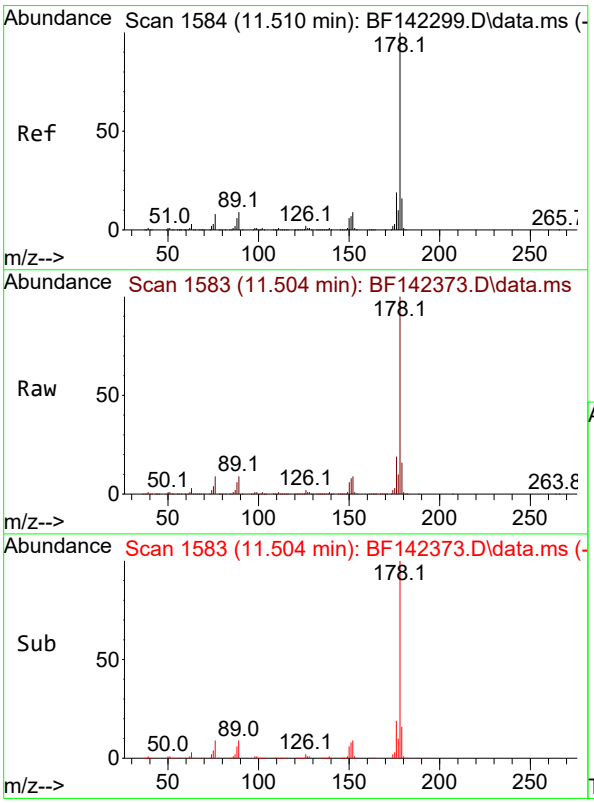
#71
Phenanthrene
Concen: 49.608 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:178 Resp: 2044231

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.8	12.6	18.8

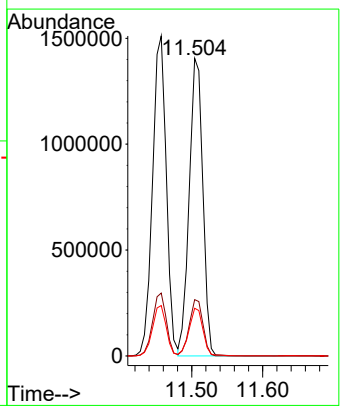


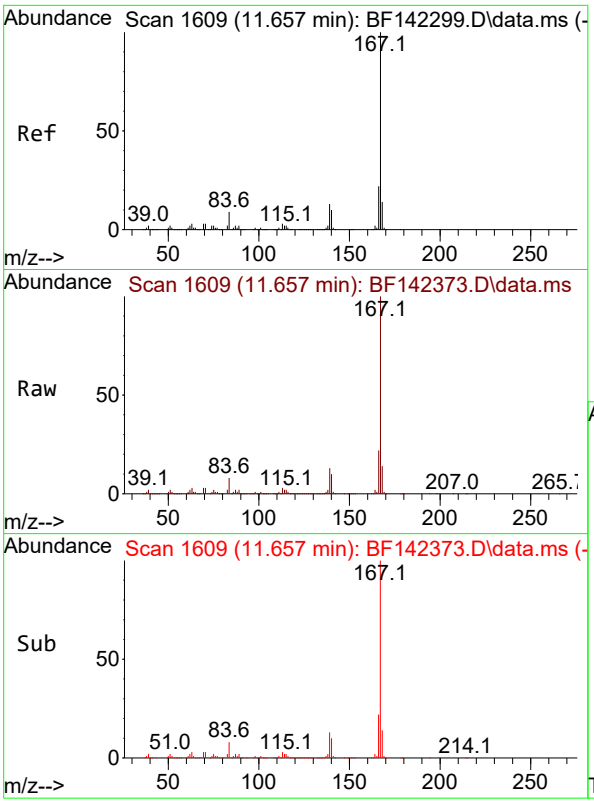


#72
Anthracene
Concen: 44.334 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:178 Resp: 1877139

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	16.1	12.6	18.8



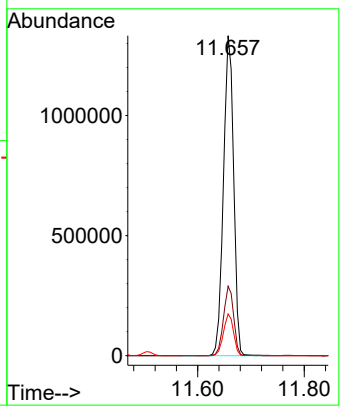


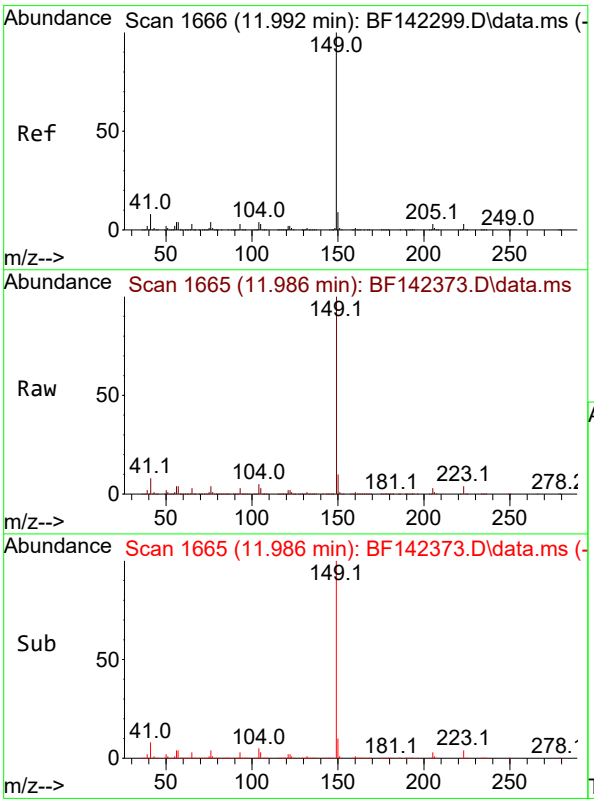
#73
Carbazole
Concen: 46.550 ng
RT: 11.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:167 Resp: 1768267

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	13.0	10.3	15.5

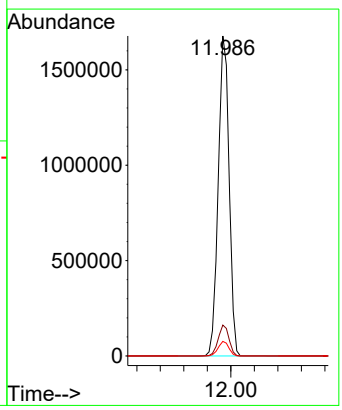


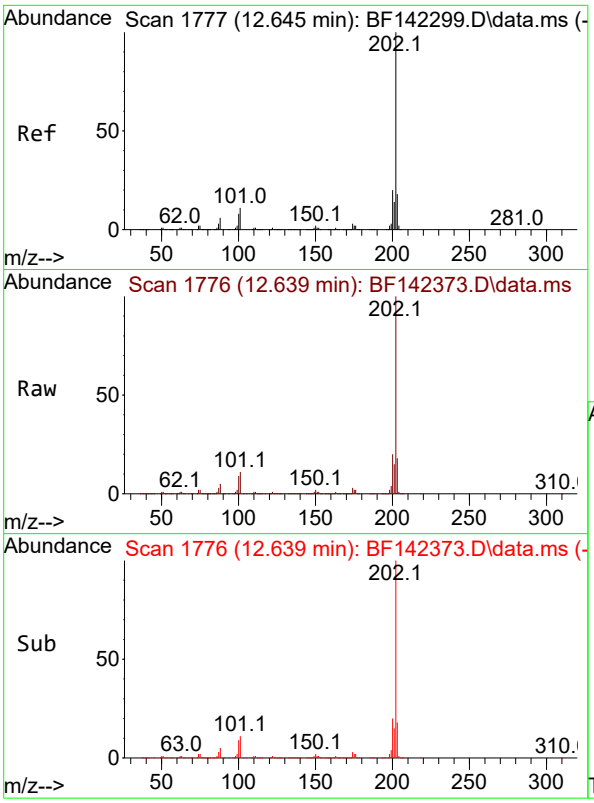


#74
Di-n-butylphthalate
Concen: 53.952 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:149 Resp: 2155058

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	4.5	3.6	5.4



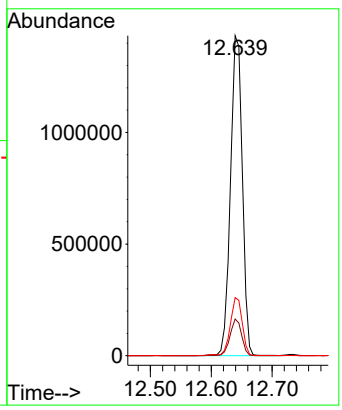


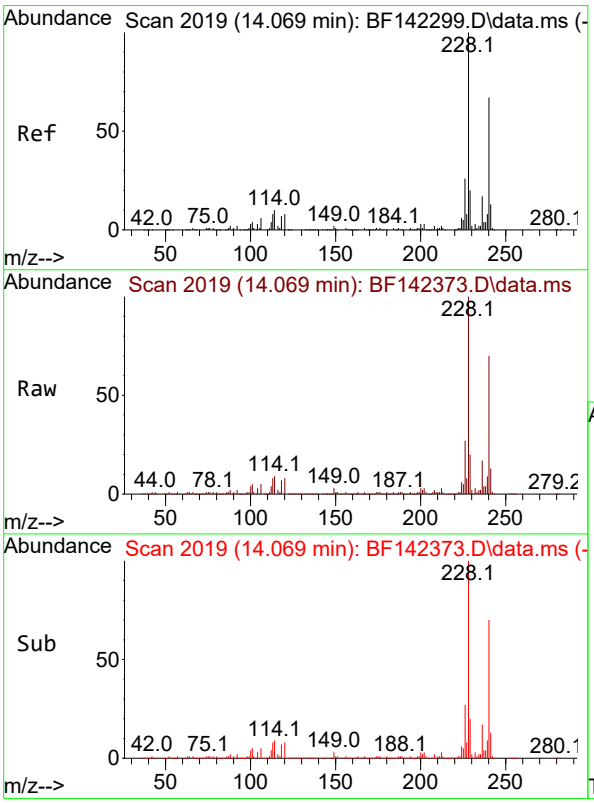
#75
Fluoranthene
Concen: 47.270 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:202 Resp: 1947140

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	18.2	0.0	37.9

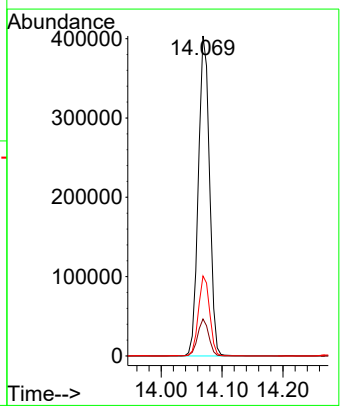


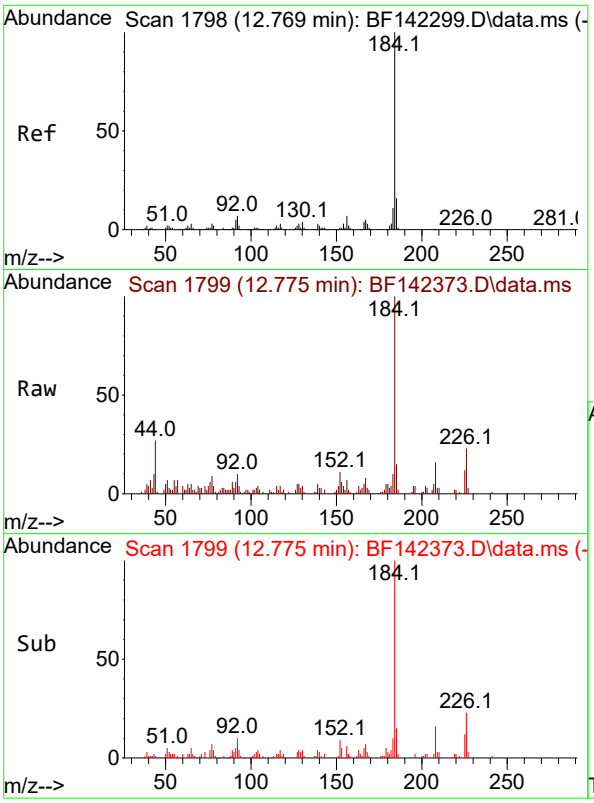


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:240 Resp: 511971

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.7	14.5
236	25.0	20.0	30.0



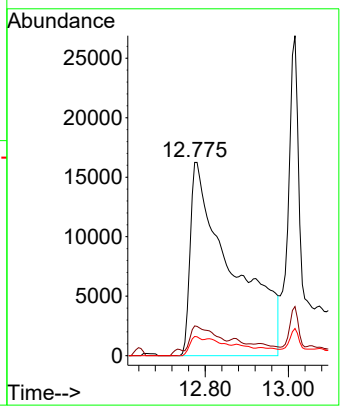


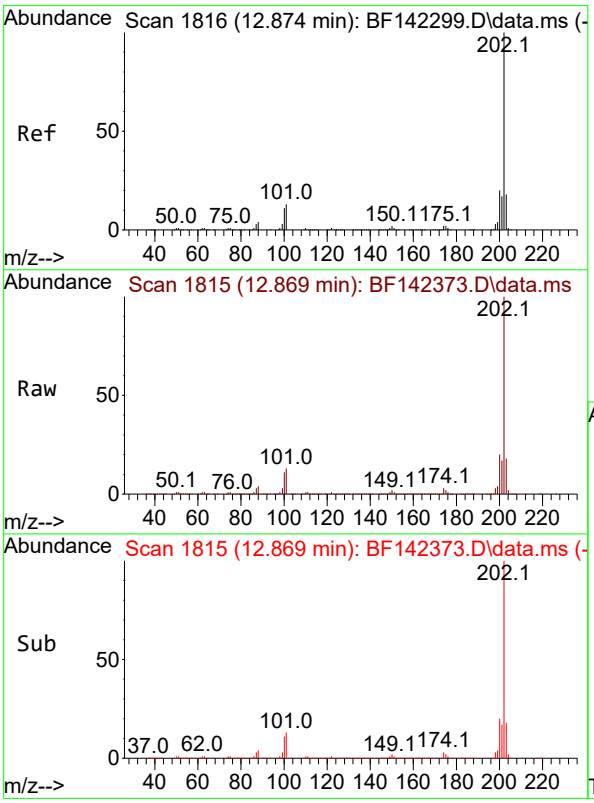
#77
Benzidine
Concen: 12.100 ng m
RT: 12.775 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:184 Resp: 112582

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	9.9	8.6	12.8

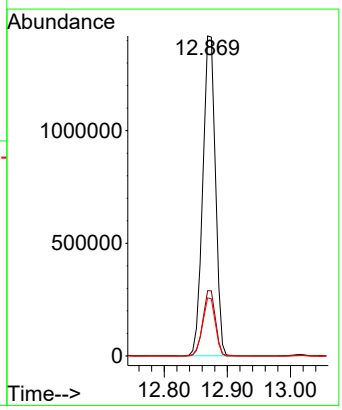


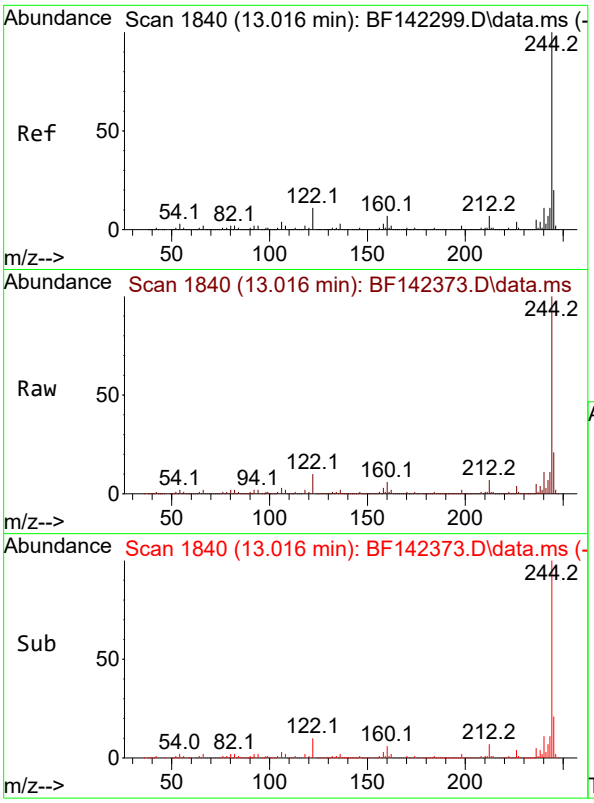


#78
Pyrene
Concen: 43.191 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:202 Resp: 1968238

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	18.2	14.3	21.5



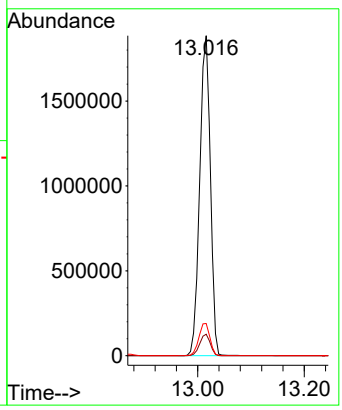


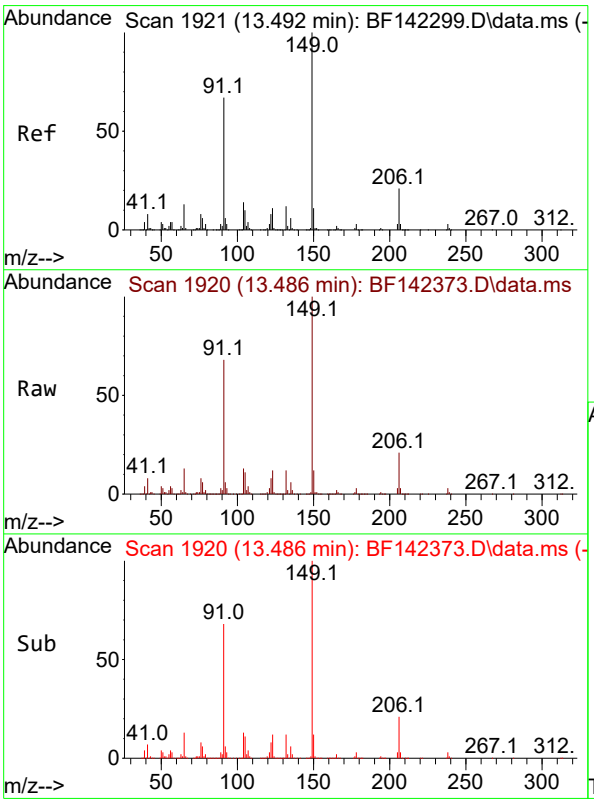
#79
Terphenyl-d14
Concen: 75.452 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:244 Resp: 2609910

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.0	9.0	13.4

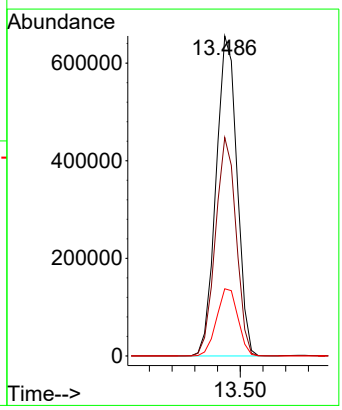


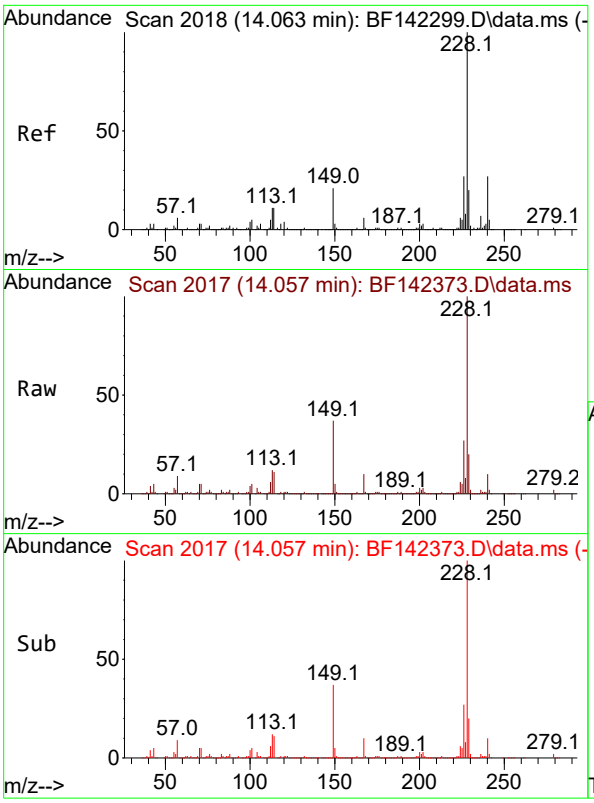


#80
Butylbenzylphthalate
Concen: 62.081 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:149 Resp: 841069

Ion	Ratio	Lower	Upper
149	100		
91	68.3	53.8	80.6
206	21.0	16.6	24.8



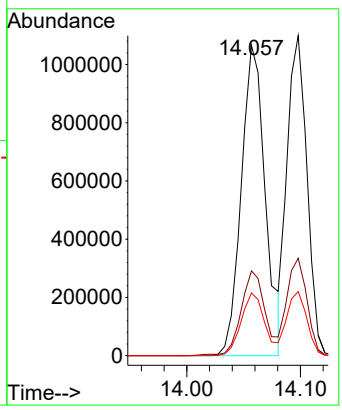


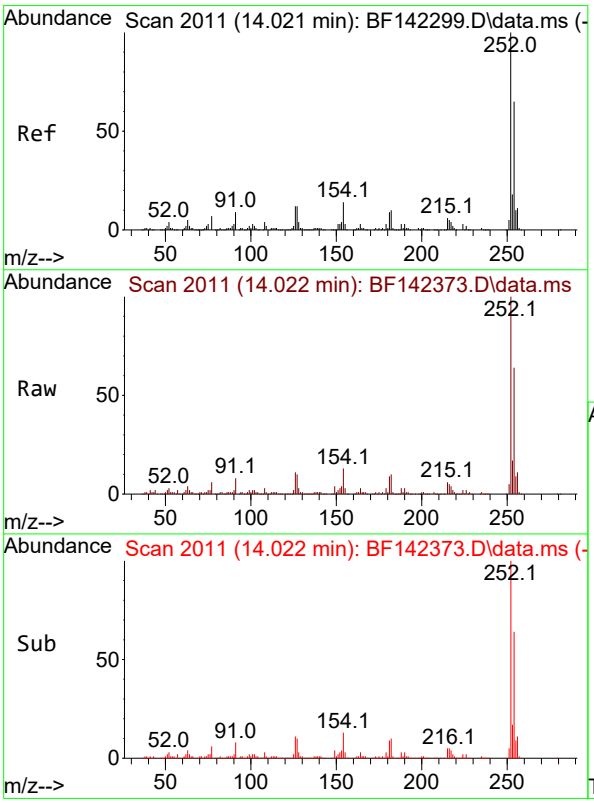
#81
Benzo(a)anthracene
Concen: 47.226 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:228 Resp: 1565824

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.5	32.3
229	20.2	15.9	23.9

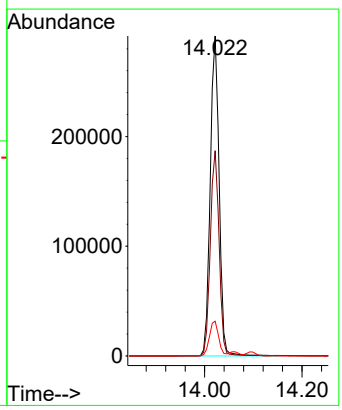


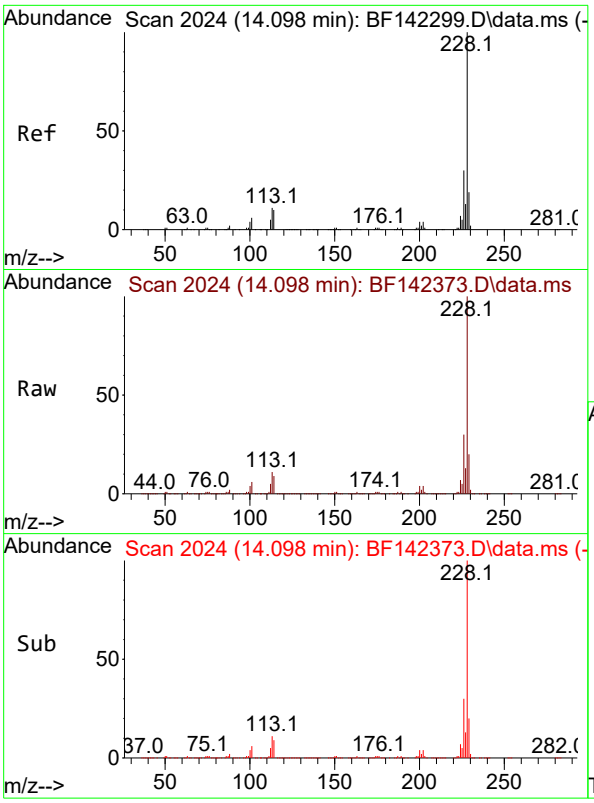


#82
3,3'-Dichlorobenzidine
Concen: 47.843 ng
RT: 14.022 min Scan# 2011
Delta R.T. 0.001 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:252 Resp: 368885

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.0	78.0
126	10.8	9.7	14.5



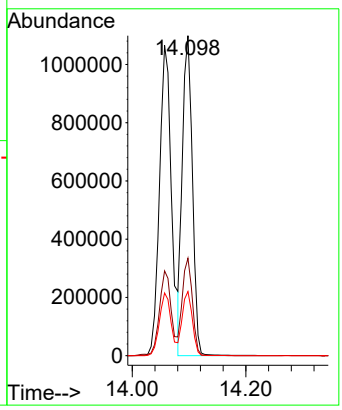


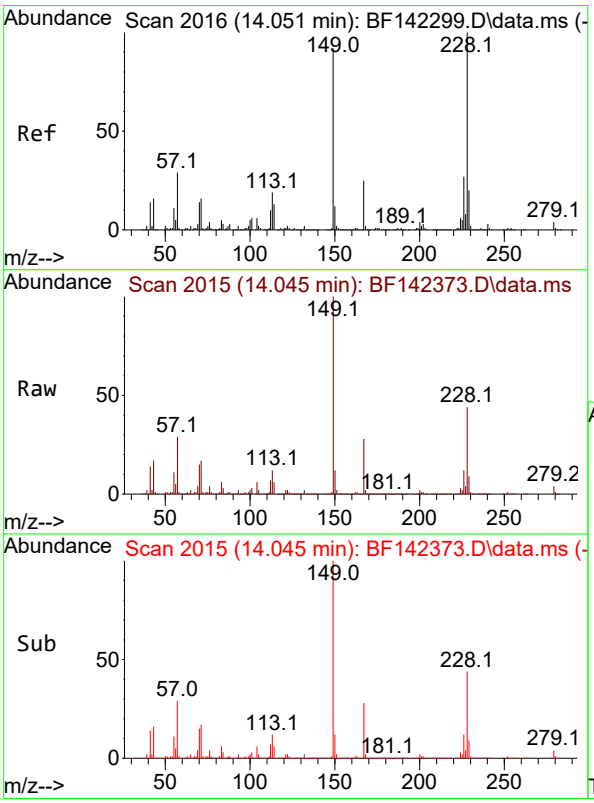
#83
Chrysene
Concen: 43.419 ng
RT: 14.098 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:228 Resp: 1340162

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	20.0	15.4	23.2

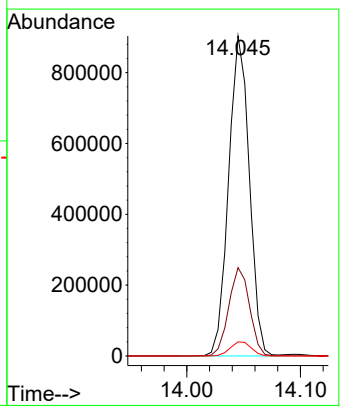


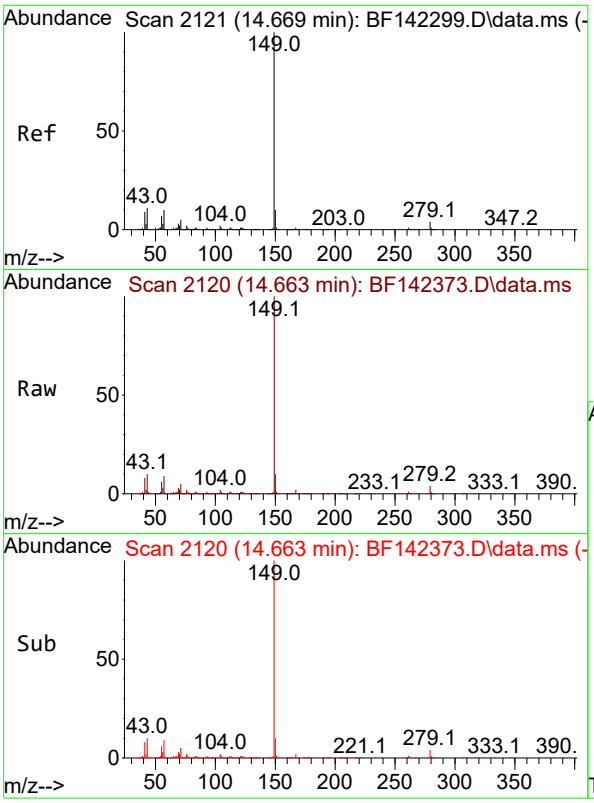


#84
Bis(2-ethylhexyl)phthalate
Concen: 64.450 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:149 Resp: 1143777

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.0	33.0
279	4.4	3.0	4.6



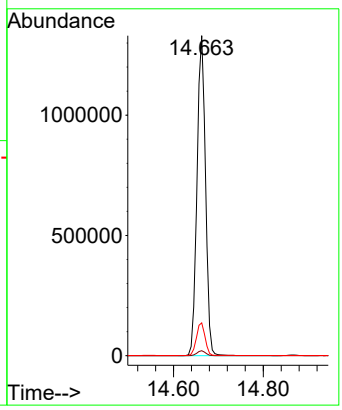


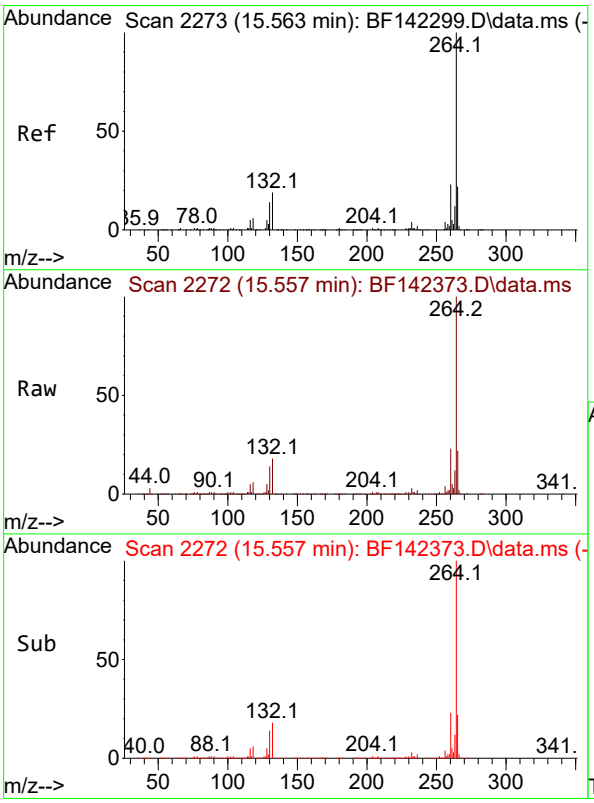
#85
Di-n-octyl phthalate
Concen: 54.601 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:149 Resp: 1745181

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.4	9.2	13.8

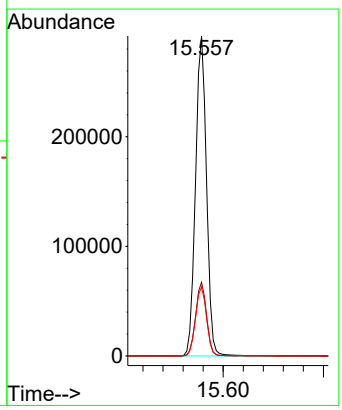


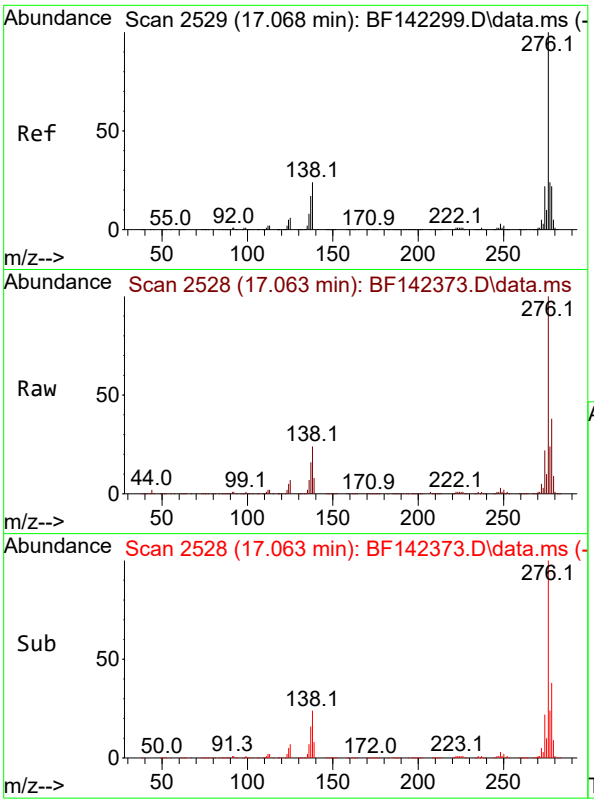


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:264 Resp: 442353

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.6	17.5	26.3



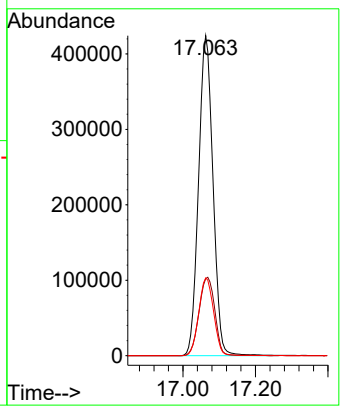


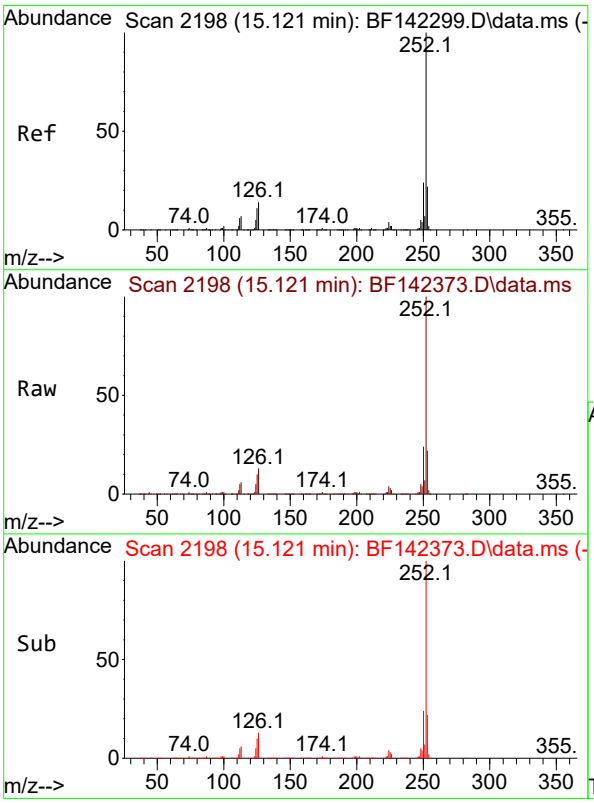
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.042 ng
RT: 17.063 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:276 Resp: 1170623

Ion	Ratio	Lower	Upper
276	100		
138	26.8	22.0	33.0
277	25.1	20.1	30.1

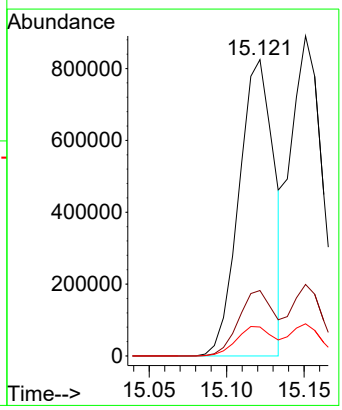


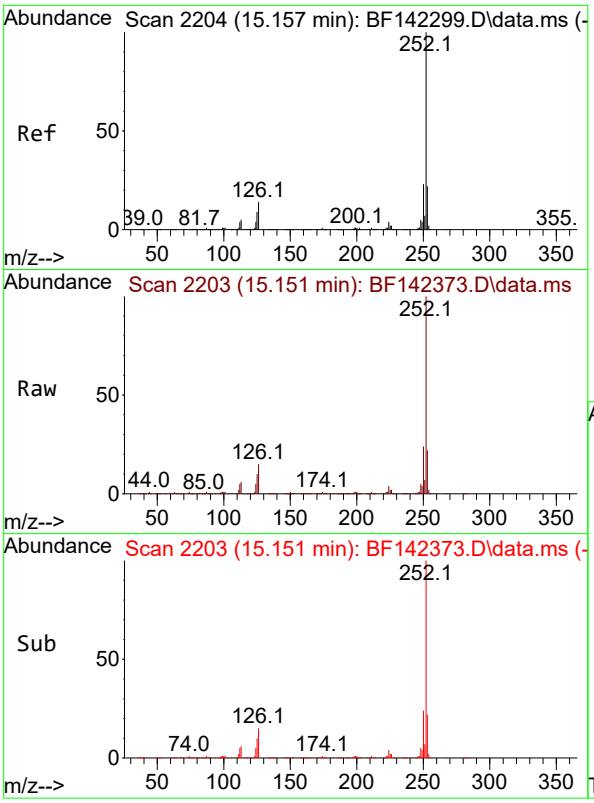


#88
Benzo(b)fluoranthene
Concen: 48.357 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:252 Resp: 1295553

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.8	8.7	13.1



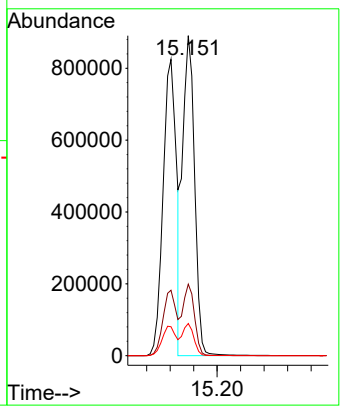


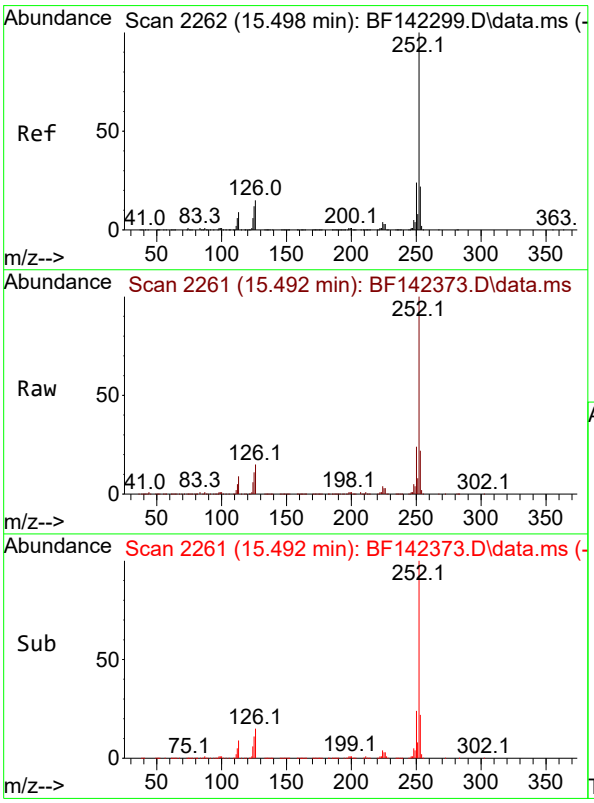
#89
Benzo(k)fluoranthene
Concen: 51.383 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:252 Resp: 1259782

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.0	8.1	12.1

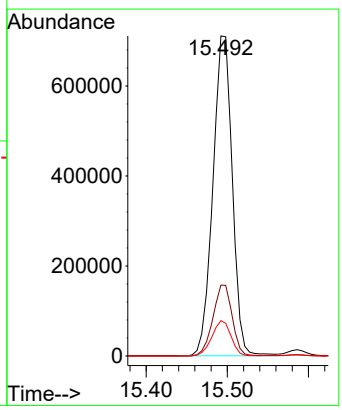


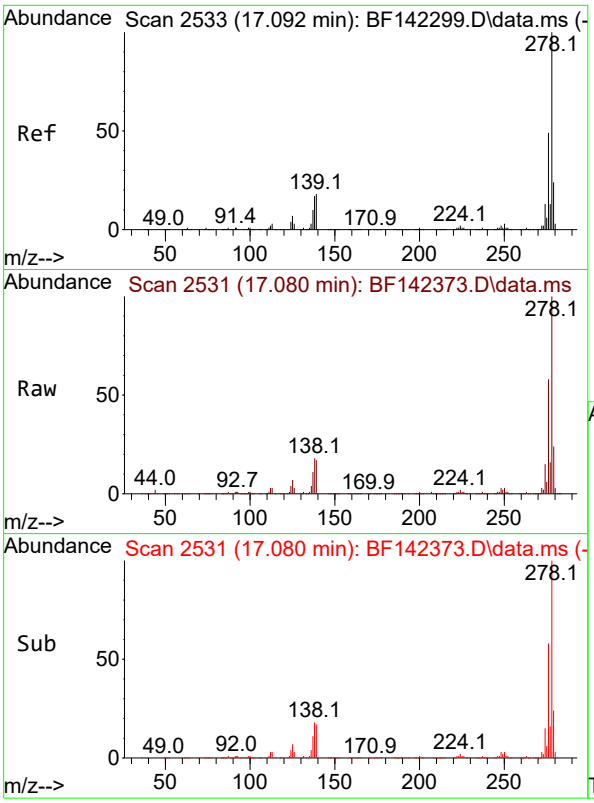


#90
Benzo(a)pyrene
Concen: 49.310 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:252 Resp: 1183844

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.1	9.4	14.0



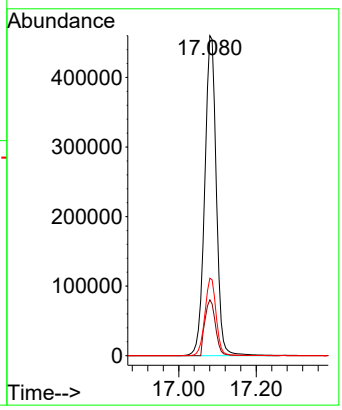


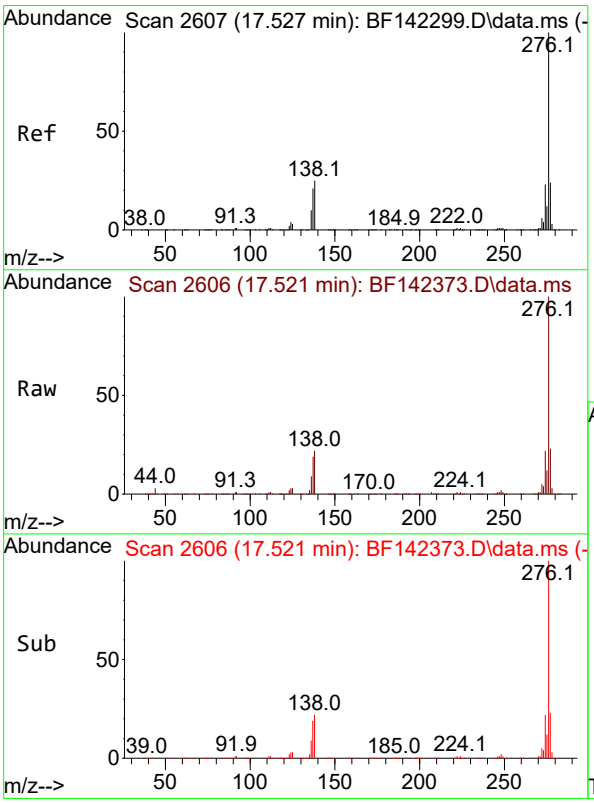
#91
Dibenzo(a,h)anthracene
Concen: 37.507 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:278 Resp: 953494

Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.5	21.7
279	24.2	18.9	28.3

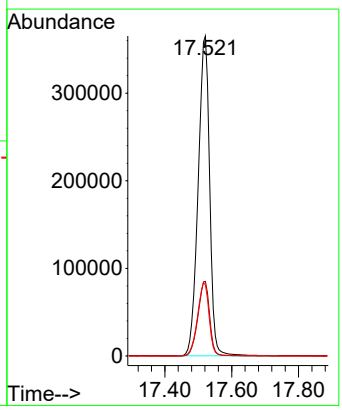




#92
Benzo(g,h,i)perylene
Concen: 34.550 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:276 Resp: 871735

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.6
138	22.2	19.8	29.6



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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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Manual Integration Report

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
Q2001-03MS	BF142372.D	4-Chloroaniline	Rahul	5/15/2025 9:03:50 AM	Jagrut	5/15/2025 3:45:06 PM	Peak Integrated by Software
Q2001-03MS	BF142372.D	Benzidine	Rahul	5/15/2025 9:03:50 AM	Jagrut	5/15/2025 3:45:06 PM	Peak Integrated by Software
Q2001-03MS	BF142372.D	Caprolactam	Rahul	5/15/2025 9:03:50 AM	Jagrut	5/15/2025 3:45:06 PM	Peak Integrated by Software
Q2001-03MSD	BF142373.D	4-Chloroaniline	Rahul	5/15/2025 9:03:54 AM	Jagrut	5/15/2025 3:45:26 PM	Peak Integrated by Software
Q2001-03MSD	BF142373.D	Benzidine	Rahul	5/15/2025 9:03:54 AM	Jagrut	5/15/2025 3:45:26 PM	Peak Integrated by Software
Q2001-03MSD	BF142373.D	Caprolactam	Rahul	5/15/2025 9:03:54 AM	Jagrut	5/15/2025 3:45:26 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF051925	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	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:	BP051925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # 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 # BF051925

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BF051925	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	S12665,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142440.D	19 May 2025 09:40	RC/JU	Ok
2	SSTDCCC040	BF142441.D	19 May 2025 10:09	RC/JU	Ok
3	PB168017BL	BF142442.D	19 May 2025 10:38	RC/JU	Ok
4	PB168017BS	BF142443.D	19 May 2025 11:07	RC/JU	Ok,NR
5	PB167987BL	BF142444.D	19 May 2025 11:36	RC/JU	Ok
6	PB167987BS	BF142445.D	19 May 2025 12:05	RC/JU	Ok,NR
7	Q2032-01	BF142446.D	19 May 2025 12:39	RC/JU	Ok
8	Q2032-02	BF142447.D	19 May 2025 13:08	RC/JU	Ok
9	Q2032-03	BF142448.D	19 May 2025 13:37	RC/JU	Ok
10	Q2048-01	BF142449.D	19 May 2025 14:06	RC/JU	Ok
11	Q2032-07	BF142450.D	19 May 2025 14:35	RC/JU	Ok
12	Q2032-08	BF142451.D	19 May 2025 15:04	RC/JU	Ok
13	Q2057-01	BF142452.D	19 May 2025 15:33	RC/JU	Ok
14	Q1984-03	BF142453.D	19 May 2025 16:02	RC/JU	Ok
15	Q2047-01	BF142454.D	19 May 2025 16:31	RC/JU	Ok,NR
16	Q2062-01	BF142455.D	19 May 2025 17:00	RC/JU	Ok
17	Q2062-05	BF142456.D	19 May 2025 17:29	RC/JU	Ok,NR
18	Q2062-09	BF142457.D	19 May 2025 17:58	RC/JU	Ok,NR
19	Q2062-13	BF142458.D	19 May 2025 18:27	RC/JU	Ok,NR
20	Q2062-17	BF142459.D	19 May 2025 18:56	RC/JU	Ok
21	Q2062-21	BF142460.D	19 May 2025 19:25	RC/JU	ReRun

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051925

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BF051925	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	S12665,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1984-09	BF142461.D	19 May 2025 19:54	RC/JU	Ok
23	Q1984-13	BF142462.D	19 May 2025 20:23	RC/JU	Ok
24	Q2071-17	BF142463.D	19 May 2025 20:52	RC/JU	ReRun
25	SSTDCCC040	BF142464.D	19 May 2025 21:21	RC/JU	Ok

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 # BP051925

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BP051925	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	S12665,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024685.D	19 May 2025 11:26	RC/JU	Ok
2	SSTDCCC040	BP024686.D	19 May 2025 12:48	RC/JU	Ok
3	PB167963TB	BP024687.D	19 May 2025 13:28	RC/JU	Ok
4	PB168041BL	BP024688.D	19 May 2025 14:09	RC/JU	Ok
5	PB168041BS	BP024689.D	19 May 2025 14:50	RC/JU	Not Ok
6	Q2032-04	BP024690.D	19 May 2025 15:35	RC/JU	Ok
7	Q2032-05MS	BP024691.D	19 May 2025 16:16	RC/JU	Ok
8	Q2032-06MSD	BP024692.D	19 May 2025 16:57	RC/JU	Ok
9	Q2032-11	BP024693.D	19 May 2025 17:38	RC/JU	ReRun
10	Q2033-01	BP024694.D	19 May 2025 18:19	RC/JU	Ok,NR
11	Q2068-03	BP024695.D	19 May 2025 18:59	RC/JU	ReRun
12	Q2067-01	BP024696.D	19 May 2025 19:40	RC/JU	Dilution
13	Q2070-01	BP024697.D	19 May 2025 20:21	RC/JU	Ok
14	Q2071-09	BP024698.D	19 May 2025 21:02	RC/JU	Ok
15	Q2071-01	BP024699.D	19 May 2025 21:43	RC/JU	Ok
16	Q2071-05	BP024700.D	19 May 2025 22:24	RC/JU	Ok
17	Q2065-01	BP024701.D	19 May 2025 23:04	RC/JU	ReRun

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 # BF051925

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BF051925	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	S12665,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142440.D	19 May 2025 09:40		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142441.D	19 May 2025 10:09		RC/JU	Ok
3	PB168017BL	PB168017BL	BF142442.D	19 May 2025 10:38		RC/JU	Ok
4	PB168017BS	PB168017BS	BF142443.D	19 May 2025 11:07		RC/JU	Ok,NR
5	PB167987BL	PB167987BL	BF142444.D	19 May 2025 11:36		RC/JU	Ok
6	PB167987BS	PB167987BS	BF142445.D	19 May 2025 12:05		RC/JU	Ok,NR
7	Q2032-01	TP-11	BF142446.D	19 May 2025 12:39		RC/JU	Ok
8	Q2032-02	TP-29	BF142447.D	19 May 2025 13:08		RC/JU	Ok
9	Q2032-03	TP-29-99	BF142448.D	19 May 2025 13:37		RC/JU	Ok
10	Q2048-01	L2-WC-1	BF142449.D	19 May 2025 14:06		RC/JU	Ok
11	Q2032-07	TP-37	BF142450.D	19 May 2025 14:35		RC/JU	Ok
12	Q2032-08	TP-32	BF142451.D	19 May 2025 15:04		RC/JU	Ok
13	Q2057-01	MH-L	BF142452.D	19 May 2025 15:33		RC/JU	Ok
14	Q1984-03	OU4-PCS-TC-34-05072	BF142453.D	19 May 2025 16:02		RC/JU	Ok
15	Q2047-01	SU-04-051425	BF142454.D	19 May 2025 16:31		RC/JU	Ok,NR
16	Q2062-01	L1-WC-1	BF142455.D	19 May 2025 17:00		RC/JU	Ok
17	Q2062-05	L1-WC-2	BF142456.D	19 May 2025 17:29		RC/JU	Ok,NR
18	Q2062-09	L1-WC-3	BF142457.D	19 May 2025 17:58		RC/JU	Ok,NR

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051925

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BF051925	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	S12665,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2062-13	L1-WC-4	BF142458.D	19 May 2025 18:27		RC/JU	Ok,NR
20	Q2062-17	L1-WC-5	BF142459.D	19 May 2025 18:56		RC/JU	Ok
21	Q2062-21	L1-WC-6	BF142460.D	19 May 2025 19:25	Internal Standard Fail	RC/JU	ReRun
22	Q1984-09	OU4-TS-25-050725	BF142461.D	19 May 2025 19:54		RC/JU	Ok
23	Q1984-13	OU4-TS-27-050725	BF142462.D	19 May 2025 20:23		RC/JU	Ok
24	Q2071-17	L2-WC-6	BF142463.D	19 May 2025 20:52	Internal Standard Fail	RC/JU	ReRun
25	SSTDCCC040	SSTDCCC040EC	BF142464.D	19 May 2025 21:21		RC/JU	Ok

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 # BP051925

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BP051925	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	S12665,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024685.D	19 May 2025 11:26		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024686.D	19 May 2025 12:48		RC/JU	Ok
3	PB167963TB	PB167963TB	BP024687.D	19 May 2025 13:28		RC/JU	Ok
4	PB168041BL	PB168041BL	BP024688.D	19 May 2025 14:09		RC/JU	Ok
5	PB168041BS	PB168041BS	BP024689.D	19 May 2025 14:50	Recovery is low for compound #35	RC/JU	Not Ok
6	Q2032-04	TP-24	BP024690.D	19 May 2025 15:35		RC/JU	Ok
7	Q2032-05MS	TP-24MS	BP024691.D	19 May 2025 16:16		RC/JU	Ok
8	Q2032-06MSD	TP-24MSD	BP024692.D	19 May 2025 16:57		RC/JU	Ok
9	Q2032-11	FB-05132025	BP024693.D	19 May 2025 17:38	Internal Standard Fail	RC/JU	ReRun
10	Q2033-01	TW-WTS-08	BP024694.D	19 May 2025 18:19		RC/JU	Ok,NR
11	Q2068-03	LAW-25-0074	BP024695.D	19 May 2025 18:59	Surrogate Fail	RC/JU	ReRun
12	Q2067-01	303-PPR-FRAC	BP024696.D	19 May 2025 19:40	Need 2X Dilution	RC/JU	Dilution
13	Q2070-01	CONCRETE-PAD-0516	BP024697.D	19 May 2025 20:21		RC/JU	Ok
14	Q2071-09	L1-WC-9	BP024698.D	19 May 2025 21:02		RC/JU	Ok
15	Q2071-01	L1-WC-7	BP024699.D	19 May 2025 21:43		RC/JU	Ok
16	Q2071-05	L1-WC-8	BP024700.D	19 May 2025 22:24		RC/JU	Ok
17	Q2065-01	VACTRUCK-728068	BP024701.D	19 May 2025 23:04	Internal Standard Fail	RC/JU	ReRun

M : Manual Integration

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TCLP EXTRACTION LOGPAGE

PB167963

SOP ID : M1311-TCLP-15

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1

TCLP Filter ID : 115525

Start Prep Date : 05/12/2025 **Time :** 15:00

End Prep Date : 05/13/2025 **Time :** 09:15

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ TB

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : TB

Supervisor By : IR

Standared Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112795
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 checked,30 rpm. q2017-08 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
05/13/25 11:00	TB / TCLP Room	SKS. RS / EXT
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB167963

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB167963TB	LEB963	07	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2001-03	WC-A4-03-C	01	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2001-07	WC-A1-05-C	02	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2001-11	WC-A1-06-C	03	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2001-15	WC-A1-07-C	04	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2017-04	MH-I	05	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q2017-08	MH-J	06	100.01	2000	N/A	N/A	N/A	6.0	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB167963TB	LEB963	N/A	N/A	N/A	N/A	N/A	N/A
Q2001-03	WC-A4-03-C	N/A	N/A	N/A	N/A	100	N/A
Q2001-07	WC-A1-05-C	N/A	N/A	N/A	N/A	100	N/A
Q2001-11	WC-A1-06-C	N/A	N/A	N/A	N/A	100	N/A
Q2001-15	WC-A1-07-C	N/A	N/A	N/A	N/A	100	N/A
Q2017-04	MH-I	N/A	N/A	N/A	N/A	100	N/A
Q2017-08	MH-J	N/A	N/A	N/A	N/A	100	N/A

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TCLP Fluid Determination

PB167963

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB167963TB	LEB963	N/A	N/A	N/A	N/A	#1	4.93
Q2001-03	WC-A4-03-C	5.02	96.5	12.0	4.5	#1	4.93
Q2001-07	WC-A1-05-C	5.03	96.5	12.0	4.5	#1	4.93
Q2001-11	WC-A1-06-C	5.04	96.5	12.0	4.5	#1	4.93
Q2001-15	WC-A1-07-C	5.02	96.5	12.5	4.5	#1	4.93
Q2017-04	MH-I	5.03	96.5	7.2	3.0	#1	4.93
Q2017-08	MH-J	5.02	96.5	8.0	3.5	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q2001 **WorkList ID :** 189459 **Department :** TCLP Extraction **Date :** 05-12-2025 12:57:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2001-03	WC-A4-03-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L61	05/06/2025	1311
Q2001-07	WC-A1-05-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L61	05/07/2025	1311
Q2001-11	WC-A1-06-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L61	05/08/2025	1311
Q2001-15	WC-A1-07-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L61	05/08/2025	1311
Q2017-04	MH-I	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/12/2025	1311
Q2017-08	MH-J	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/12/2025	1311

Date/Time 05/12/25 13:15
Raw Sample Received by:
Raw Sample Relinquished by:

Date/Time 05/12/25 17:30
Raw Sample Received by:
Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167987

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	05/13/2025
Matrix :	Water			**Extraction Start Time :**	11:16
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	05/13/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	16:15
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,6,7	**Supervisor By :**	RUPESH

Extraction Method: ☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6782
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3930
Baked Na2SO4	N/A	EP2611
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/13/25	RS (EH-96)	RC/SVOC
16:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167987

Analytical Method: M3510C,3580A-Extraction SVOC-20 **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				
PB167963TB	PB167963TB	TCLP BNA	100	6	RUPESH	ritesh	1			SEP-1
PB167987BL	PB167987BL	TCLP BNA	1000	6	RUPESH	ritesh	1			2
PB167987BS	PB167987BS	TCLP BNA	1000	6	RUPESH	ritesh	1			3
Q2001-03	WC-A4-03-C	TCLP BNA	100	6	RUPESH	ritesh	1	A		4
Q2001-03MS	WC-A4-03-CMS	TCLP BNA	100	6	RUPESH	ritesh	1	A		5
Q2001-03MSD	WC-A4-03-CMSD	TCLP BNA	100	6	RUPESH	ritesh	1	A		6
Q2001-07	WC-A1-05-C	TCLP BNA	100	6	RUPESH	ritesh	1	A		7
Q2001-11	WC-A1-06-C	TCLP BNA	100	6	RUPESH	ritesh	1	A		8
Q2001-15	WC-A1-07-C	TCLP BNA	100	6	RUPESH	ritesh	1	A		9
Q2017-04	MH-I	TCLP BNA	100	6	RUPESH	ritesh	1	A		10
Q2017-08	MH-J	TCLP BNA	100	6	RUPESH	ritesh	1	A		11

RS
5/13

* **Extracts relinquished on the same date as received.**

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB167963

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB167963TB	LEB963	07	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2001-03	WC-A4-03-C	01	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2001-07	WC-A1-05-C	02	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2001-11	WC-A1-06-C	03	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2001-15	WC-A1-07-C	04	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2017-04	MH-I	05	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q2017-08	MH-J	06	100.01	2000	N/A	N/A	N/A	6.0	1.5	T-1

05/13/25
11:00



SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q2001

COC Number: 2042113

CLIENT INFORMATION

COMPANY: **ENTACT, LLC**
ADDRESS: **150 Bay Street, Suite 806**
CITY **Jersey City** STATE: **NJ** ZIP: **07302**
ATTENTION: **Austin Farmerie**
PHONE: **412-716-1366** FAX:

PROJECT INFORMATION

PROJECT NAME: **540 Degraw St Brooklyn, NY**
PROJECT #: **E9309** LOCATION: **Brooklyn, NY**
PROJECT MANAGER: **Austin Farmerie**
E-MAIL: **afarmerie@entact.com**
PHONE: **412-716-1366** FAX:

BILLING INFORMATION

BILL TO: **ENTACT, LLC** PO# **E9309**
ADDRESS: **999 Oakmont Plaza Drive, Suite 300**
CITY: **Westmont** STATE: **IL** ZIP: **60559**
ATTENTION: **Wendy Murray** PHONE: **800-936-8228**

DATA TURNAROUND INFORMATION

FAX: 3 DAYS*
HARD COPY: DAYS*
EDD 3 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other
- ☐ EDD Format

ANALYSIS

10	11	12	13	14	15	16		
ASTM COD	ASTM Ammonia Nitrogen	ASTM O&G	ASTM TS	TS, TVS	pH	Paint Filter		

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								E	E	E	E	E	E	E			<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
1.	WC-A4-03-G	Soil		X	5/6	12:00	1										
2.	WC-A4-03-C	Soil	X		5/6	12:00	11	X	X	X	X	X	X	X			
3.	WC-A1-05-G	Soil		X	5/7	12:00	1										
4.	WC-A1-05-C	Soil	X		5/7	12:00	11	X	X	X	X	X	X	X			
5.	WC-A1-06-G	Soil		X	5/8	12:00	1										
6.	WC-A1-06-C	Soil	X		5/8	12:00	11	X	X	X	X	X	X	X			
7.	WC-A1-07-G	Soil		X	5/8	12:00	1										
8.	WC-A1-07-C	Soil	X		5/8	12:00	11	X	X	X	X	X	X	X			
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER 1. **Austin Farmerie**	DATE/TIME	RECEIVED BY 1.	1200 5-9-25
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.	
RELINQUISHED BY 3.	DATE/TIME 1650 5-9-25	RECEIVED FOR LAB BY 3.	

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.8c ☐ Ice in Cooler?:

Comments: Temp 3.8c CAdustment factor +1) IR Gun #1.

Page of

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT **YELLOW** - ALLIANCE COPY **PINK** - SAMPLER COPY

Alliance TECHNICAL GROUP

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(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q2001

COC Number: 2042113

CLIENT INFORMATION

COMPANY: ENTACT, LLC
ADDRESS: 150 Bay Street, Suite 806
CITY: Jersey City STATE: NJ ZIP: 07302
ATTENTION: Austin Farmerie
PHONE: 412-716-1366 FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY
PROJECT #: E9309 LOCATION: Brooklyn, NY
PROJECT MANAGER: Austin Farmerie
E-MAIL: afarmerie@entact.com
PHONE: 412-716-1366 FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC PO# E9309
ADDRESS: 999 Oakmont Plaza Drive, Suite 300
CITY: Westmont STATE: IL ZIP: 60559
ATTENTION: Wendy Murray PHONE: 800-936-8228

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- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other
- ☐ EDD Format

ANALYSIS

1	2	3	4	5	6	7	8	9
TCLP VOCs	TCLP ICP Metals + Cu, Ni, Zn	TCLP Herb	TCLP Pest	TCLP SVOCs	TCLP pH	I/C/R	PCBs	Oil & Grease

PRESERVATIVES

1	2	3	4	5	6	7	8	9
E	E	E	E	E	E	E	E	E

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles
1.	WC-A4-03-G	Soil		X	5/6	12:00	1
2.	WC-A4-03-C	Soil	X		5/6	12:00	11
3.	WC-A1-05-G	Soil		X	5/7	12:00	1
4.	WC-A1-05-C	Soil	X		5/7	12:00	11
5.	WC-A1-06-G	Soil		X	5/8	12:00	1
6.	WC-A1-06-C	Soil	X		5/8	12:00	11
7.	WC-A1-07-G	Soil		X	5/8	12:00	1
8.	WC-A1-07-C	Soil	X		5/8	12:00	11
9.							
10.							

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME		
RELINQUISHED BY SAMPLER 1. Austin Farmerie	5/9 12:00	RECEIVED BY 1.	5-9-25 1200
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.	
RELINQUISHED BY 3.	DATE/TIME 5-9-25 1650	RECEIVED FOR LAB BY 3.	

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.8°C ☐ Ice in Cooler?:

Comments: Temp 3.8° C Adjustment factor +1) IR Gun #1.

Page of

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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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