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

Order ID : Q3083

Project ID : Blanchard

Client : G Environmental

Lab Sample Number	Client Sample Number
Q3083-01	MW4S
Q3083-02	MW4I
Q3083-03	MW3S

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: 9/23/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q3083**

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

QA Review Signature: **SOHIL JODHANI** **Date:** **09/23/2025**

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LAB CHRONICLE

OrderID:	Q3083	**OrderDate:**	9/11/2025 1:25:37 PM
Client:	G Environmental	**Project:**	Blanchard
Contact:	Gary Landis	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3083-03	**MW3S**	**Water**			**09/11/25**			**09/11/25**
			SVOCMS Group2	8270E		09/17/25	09/19/25	
			SVOC-SIM	8270-Modified		09/15/25	09/18/25	
Q3083-03DL	**MW3SDL**	**Water**			**09/11/25**			**09/11/25**
			SVOC-SIM	8270-Modified		09/15/25	09/19/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3083

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW3S									
Q3083-03	MW3S	WATER	Acenaphthene		6.900		0.55	5	ug/L
Q3083-03	MW3S	WATER	1,4-Dioxane		8.500		1	5	ug/L
			Total Svoc :				**15.40**		
Q3083-03	MW3S	WATER	Benzophenone	*	5.500	J	0	0	ug/L
Q3083-03	MW3S	WATER	cis-7-Hexadecenoic acid	*	3.900	J	0	0	ug/L
Q3083-03	MW3S	WATER	Dodecanoic acid	*	2.000	J	0	0	ug/L
Q3083-03	MW3S	WATER	n-Hexadecanoic acid	*	22.700	J	0	0	ug/L
Q3083-03	MW3S	WATER	Octadecanoic acid	*	8.600	J	0	0	ug/L
Q3083-03	MW3S	WATER	Pentacos-1-ene	*	5.500	J	0	0	ug/L
Q3083-03	MW3S	WATER	p-Phenylhydrocinnamonitrile	*	30.000	J	0	0	ug/L
Q3083-03	MW3S	WATER	Supraene	*	11.000	J	0	0	ug/L
Q3083-03	MW3S	WATER	(2,2,5,5-Tetramethyldihydro-1,3,4	*	2.400	J	0	0	ug/L
			Total Tics :				**91.60**		
			Total Concentration:				**107.00**		

QC SUMMARY

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

SW-846

SDG No.: Q3083

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169719BL	PB169719BL	2-Fluorophenol	150	119	79		15 (23)	110 (138)
		Phenol-d6	150	109	73		15 (10)	110 (134)
		Nitrobenzene-d5	100	73.4	73		30 (67)	130 (132)
		2-Fluorobiphenyl	100	75.1	75		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	111	74		15 (44)	110 (137)
		Terphenyl-d14	100	71.7	72		30 (42)	130 (152)
PB169719BS	PB169719BS	2-Fluorophenol	150	116	77		15 (23)	110 (138)
		Phenol-d6	150	109	73		15 (10)	110 (134)
		Nitrobenzene-d5	100	69.0	69		30 (67)	130 (132)
		2-Fluorobiphenyl	100	68.9	69		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	113	75		15 (44)	110 (137)
		Terphenyl-d14	100	72.6	73		30 (42)	130 (152)
PB169719BSD	PB169719BSD	2-Fluorophenol	150	116	78		15 (23)	110 (138)
		Phenol-d6	150	110	74		15 (10)	110 (134)
		Nitrobenzene-d5	100	69.8	70		30 (67)	130 (132)
		2-Fluorobiphenyl	100	69.9	70		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	113	76		15 (44)	110 (137)
		Terphenyl-d14	100	72.7	73		30 (42)	130 (152)
Q3083-03	MW3S	2-Fluorophenol	150	68.8	46		15 (23)	110 (138)
		Phenol-d6	150	45.2	30		15 (10)	110 (134)
		Nitrobenzene-d5	100	83.8	84		30 (67)	130 (132)
		2-Fluorobiphenyl	100	81.5	82		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	126	84		15 (44)	110 (137)
		Terphenyl-d14	100	81.0	81		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3083 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025774.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169719BS	Benzaldehyde	50	29.4	ug/L	59				20 (10)	160 (162)	
	bis(2-Chloroethyl)ether	50	37.3	ug/L	75				70 (62)	130 (103)	
	2,2-oxybis(1-Chloropropane)	50	36.9	ug/L	74				70 (65)	130 (100)	
	Acetophenone	50	40.6	ug/L	81				70 (60)	130 (104)	
	N-Nitroso-di-n-propylamine	50	35.8	ug/L	72				70 (57)	130 (107)	
	Hexachloroethane	50	37.0	ug/L	74				20 (76)	160 (118)	
	Nitrobenzene	50	38.1	ug/L	76				70 (58)	130 (106)	
	Isophorone	50	36.1	ug/L	72				70 (61)	130 (102)	
	bis(2-Chloroethoxy)methane	50	38.3	ug/L	77				70 (58)	130 (109)	
	Naphthalene	50	37.5	ug/L	75				70 (64)	130 (107)	
	4-Chloroaniline	50	20.3	ug/L	41		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	38.7	ug/L	77				70 (69)	130 (101)	
	Caprolactam	50	36.2	ug/L	72				20 (58)	160 (128)	
	2-Methylnaphthalene	50	37.6	ug/L	75				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	76.0	ug/L	76				20 (36)	160 (160)	
	1,1-Biphenyl	50	41.6	ug/L	83				70 (72)	130 (98)	
	2-Chloronaphthalene	50	38.7	ug/L	77				70 (59)	130 (106)	
	2-Nitroaniline	50	39.6	ug/L	79				70 (73)	130 (114)	
	Dimethylphthalate	50	38.7	ug/L	77				70 (64)	130 (103)	
	Acenaphthylene	50	39.2	ug/L	78				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	40.0	ug/L	80				70 (64)	130 (110)	
	3-Nitroaniline	50	28.5	ug/L	57		*		70 (28)	130 (100)	
	Acenaphthene	50	38.0	ug/L	76				70 (59)	130 (113)	
	Dibenzofuran	50	38.5	ug/L	77				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	40.6	ug/L	81				70 (60)	130 (115)	
	Diethylphthalate	50	39.3	ug/L	79				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	38.5	ug/L	77				70 (61)	130 (104)	
	Fluorene	50	38.3	ug/L	77				70 (64)	130 (107)	
	4-Nitroaniline	50	39.4	ug/L	79				70 (55)	130 (125)	
	N-Nitrosodiphenylamine	50	40.0	ug/L	80				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	40.6	ug/L	81				70 (73)	130 (103)	
	Hexachlorobenzene	50	39.1	ug/L	78				70 (73)	130 (106)	
	Atrazine	50	40.7	ug/L	81				70 (76)	130 (120)	
	Phenanthrene	50	39.1	ug/L	78				70 (62)	130 (109)	
	Anthracene	50	39.5	ug/L	79				70 (65)	130 (110)	
	Carbazole	50	39.6	ug/L	79				70 (62)	130 (106)	
	Di-n-butylphthalate	50	40.5	ug/L	81				70 (64)	130 (106)	
	Fluoranthene	50	38.8	ug/L	78				70 (64)	130 (110)	
	Pyrene	50	41.5	ug/L	83				70 (71)	130 (103)	
	Butylbenzylphthalate	50	41.5	ug/L	83				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	27.8	ug/L	56		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	39.6	ug/L	79				70 (62)	130 (107)	
	Chrysene	50	39.8	ug/L	80				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	41.2	ug/L	82				70 (59)	130 (110)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3083 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025774.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169719BS	Di-n-octyl phthalate	50	39.8	ug/L	80				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	41.8	ug/L	84				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	40.1	ug/L	80				70 (77)	130 (105)	
	Benzo(a)pyrene	50	40.4	ug/L	81				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	42.8	ug/L	86				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	42.3	ug/L	85				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	43.2	ug/L	86				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	41.5	ug/L	83				70 (72)	130 (101)	
	1,4-Dioxane	50	31.8	ug/L	64				20 (38)	160 (125)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3083 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025775.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169719BSD	Benzaldehyde	50	29.8	ug/L	60	1			20 (10)	160 (162)	20 (20)
	bis(2-Chloroethyl)ether	50	38.1	ug/L	76	2			70 (62)	130 (103)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	37.0	ug/L	74	0			70 (65)	130 (100)	20 (20)
	Acetophenone	50	40.8	ug/L	82	0			70 (60)	130 (104)	20 (20)
	N-Nitroso-di-n-propylamine	50	36.4	ug/L	73	2			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	38.0	ug/L	76	3			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	38.9	ug/L	78	2			70 (58)	130 (106)	20 (20)
	Isophorone	50	36.9	ug/L	74	2			70 (61)	130 (102)	20 (20)
	bis(2-Chloroethoxy)methane	50	38.3	ug/L	77	0			70 (58)	130 (109)	20 (20)
	Naphthalene	50	38.1	ug/L	76	2			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	20.1	ug/L	40	1	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	38.7	ug/L	77	0			70 (69)	130 (101)	20 (20)
	Caprolactam	50	36.6	ug/L	73	1			20 (58)	160 (128)	20 (20)
	2-Methylnaphthalene	50	37.6	ug/L	75	0			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	76.9	ug/L	77	1			20 (36)	160 (160)	20 (20)
	1,1-Biphenyl	50	41.4	ug/L	83	0			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	38.8	ug/L	78	0			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	40.3	ug/L	81	2			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	38.7	ug/L	77	0			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	39.7	ug/L	79	1			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	39.5	ug/L	79	1			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	27.5	ug/L	55	4	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	38.4	ug/L	77	1			70 (59)	130 (113)	20 (20)
	Dibenzofuran	50	38.3	ug/L	77	1			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	40.5	ug/L	81	0			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	38.9	ug/L	78	1			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	37.9	ug/L	76	2			70 (61)	130 (104)	20 (20)
	Fluorene	50	38.1	ug/L	76	1			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	39.3	ug/L	79	0			70 (55)	130 (125)	20 (20)
	N-Nitrosodiphenylamine	50	40.0	ug/L	80	0			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	39.9	ug/L	80	2			70 (73)	130 (103)	20 (20)
	Hexachlorobenzene	50	38.5	ug/L	77	2			70 (73)	130 (106)	20 (20)
	Atrazine	50	39.9	ug/L	80	2			70 (76)	130 (120)	20 (20)
	Phenanthrene	50	39.0	ug/L	78	0			70 (62)	130 (109)	20 (20)
	Anthracene	50	39.1	ug/L	78	1			70 (65)	130 (110)	20 (20)
	Carbazole	50	39.4	ug/L	79	1			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	39.1	ug/L	78	4			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	39.3	ug/L	79	1			70 (64)	130 (110)	20 (20)
	Pyrene	50	41.3	ug/L	83	0			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	42.1	ug/L	84	1			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	27.6	ug/L	55	1	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	40.2	ug/L	80	2			70 (62)	130 (107)	20 (20)
	Chrysene	50	39.5	ug/L	79	1			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	41.0	ug/L	82	0			70 (59)	130 (110)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3083 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025775.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169719BSD	Di-n-octyl phthalate	50	39.2	ug/L	78	2			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	41.7	ug/L	83	0			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	42.5	ug/L	85	6			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	40.7	ug/L	81	1			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	42.6	ug/L	85	0			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	42.6	ug/L	85	1			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	43.3	ug/L	87	0			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	41.4	ug/L	83	0			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	32.7	ug/L	65	3			20 (38)	160 (125)	20 (20)

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169719BL

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3083

Lab File ID: BP025776.D | Lab Sample ID: PB169719BL

Instrument ID: BNA_P | Date Extracted: 09/17/2025

Matrix: (soil/water) Water | Date Analyzed: 09/17/2025

Level: (low/med) LOW | Time Analyzed: 21:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169719BS	PB169719BS	BP025774.D	09/17/2025
PB169719BSD	PB169719BSD	BP025775.D	09/17/2025
MW3S	Q3083-03	BP025797.D	09/19/2025

COMMENTS:

Raw Data: **BP025724.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3083

Lab File ID: BP025724.D DFTPP Injection Date: 09/11/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.8
442	Greater than 50% of mass 198	69.4
443	15.0 - 24.0% of mass 442	13.7 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025725.D	09/11/2025	08:56
SSTDICC005	SSTDICC005	BP025726.D	09/11/2025	09:37
SSTDICC010	SSTDICC010	BP025727.D	09/11/2025	10:18
SSTDICC020	SSTDICC020	BP025728.D	09/11/2025	10:59
SSTDICCC040	SSTDICCC040	BP025729.D	09/11/2025	12:21
SSTDICC060	SSTDICC060	BP025731.D	09/11/2025	13:43
SSTDICC080	SSTDICC080	BP025732.D	09/11/2025	14:24
SSTDICC050	SSTDICC050	BP025733.D	09/11/2025	15:20

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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: GENV01

Lab Code: ACE — SDG NO.: Q3083

Lab File ID: BP025768.D — DFTPP Injection Date: 09/17/2025

Instrument ID: BNA_P — DFTPP Injection Time: 11:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	33.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.8
442	Greater than 50% of mass 198	76.7
443	15.0 - 24.0% of mass 442	14.9 (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	BP025769.D	09/17/2025	12:03
PB169719BS	PB169719BS	BP025774.D	09/17/2025	20:35
PB169719BSD	PB169719BSD	BP025775.D	09/17/2025	21:16
PB169719BL	PB169719BL	BP025776.D	09/17/2025	21:56

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: GENV01

Lab Code: ACE — SDG NO.: Q3083

Lab File ID: BP025791.D — DFTPP Injection Date: 09/19/2025

Instrument ID: BNA_P — DFTPP Injection Time: 09:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	37.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	66.8
443	15.0 - 24.0% of mass 442	13 (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	BP025792.D	09/19/2025	10:12
MW3S	Q3083-03	BP025797.D	09/19/2025	13:43

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3083

Client ID : SSTDCCC040 Date Analyzed: 09/17/2025

Lab File ID: BP025769.D Time Analyzed: 12:03

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	173185	7.755	666754	10.53	429441	14.37
	UPPER LIMIT	346370	8.255	1333510	11.025	858882	14.872
	LOWER LIMIT	86592.5	7.255	333377	10.025	214721	13.872
	EPA SAMPLE NO.						
01	PB169719BL	179386	7.75	669415	10.53	415180	14.37
02	PB169719BS	164300	7.76	643426	10.52	416776	14.37
03	PB169719BSD	164703	7.76	637233	10.53	413759	14.37

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3083

Client ID: SSTDCCC040 Date Analyzed: 09/17/2025

Lab File ID: BP025769.D Time Analyzed: 12:03

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	869670	17.172	945078	21.625	1090690	24.989
	UPPER LIMIT	1739340	17.672	1890160	22.125	2181380	25.489
	LOWER LIMIT	434835	16.672	472539	21.125	545345	24.489
	EPA SAMPLE NO.						
01	PB169719BL	826588	17.17	912511	21.61	985422	24.97
02	PB169719BS	849137	17.17	847157	21.62	873039	24.97
03	PB169719BSD	845328	17.18	850188	21.63	857103	24.98

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: Alliance

Lab Code: ACE SDG NO.: Q3083

Client ID : SSTDCCC040 Date Analyzed: 09/19/2025

Lab File ID: BP025792.D Time Analyzed: 10:12

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	182285	7.749	709982	10.51	456027	14.37
	UPPER LIMIT	364570	8.249	1419960	11.013	912054	14.866
	LOWER LIMIT	91142.5	7.249	354991	10.013	228014	13.866
	EPA SAMPLE NO.						
01	MW3S	169135	7.75	657250	10.52	437837	14.37

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3083

Client ID: SSTDCCC040 Date Analyzed: 09/19/2025

Lab File ID: BP025792.D Time Analyzed: 10:12

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	907902	17.172	942075	21.619	1041360	24.971
	UPPER LIMIT	1815800	17.672	1884150	22.119	2082720	25.471
	LOWER LIMIT	453951	16.672	471038	21.119	520680	24.471
	EPA SAMPLE NO.						
01	MW3S	872207	17.17	884935	21.63	933835	24.99

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: **BP025797.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW3S	SDG No.:	Q3083
Lab Sample ID:	Q3083-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025797.D	1	09/17/25 09:05	09/19/25 13:43	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	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
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	UQ	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	UQ	1.10	5.00	ug/L
83-32-9	Acenaphthene	6.90		0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

Raw Data: **BP025797.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW3S	SDG No.:	Q3083
Lab Sample ID:	Q3083-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025797.D	1	09/17/25 09:05	09/19/25 13:43	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	UQ	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	8.50		1.00	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	68.8		15 (23) - 110 (138)	46%	SPK: 150
13127-88-3	Phenol-d6	45.2		15 (10) - 110 (134)	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.8		30 (67) - 130 (132)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.5		30 (52) - 130 (132)	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		15 (44) - 110 (137)	84%	SPK: 150

Raw Data: **BP025797.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW3S	SDG No.:	Q3083
Lab Sample ID:	Q3083-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025797.D	1	09/17/25 09:05	09/19/25 13:43	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	81.0		30 (42) - 130 (152)	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	169000	7.749			
1146-65-2	Naphthalene-d8	657000	10.519			
15067-26-2	Acenaphthene-d10	438000	14.372			
1517-22-2	Phenanthrene-d10	872000	17.172			
1719-03-5	Chrysene-d12	885000	21.63			
1520-96-3	Perylene-d12	934000	24.989			
TENTATIVE IDENTIFIED COMPOUNDS						
000143-07-7	Dodecanoic acid	2.00	J		14.8	ug/L
1000192-04-6	(2,2,5,5-Tetramethyldihydro-1,3,4,	2.40	J		15.4	ug/L
000119-61-9	Benzophenone	5.50	J		15.8	ug/L
092552-19-7	p-Phenylhydrocinnamonitrile	30.0	J		17.5	ug/L
002416-19-5	cis-7-Hexadecenoic acid	3.90	J		18.0	ug/L
000057-10-3	n-Hexadecanoic acid	22.7	J		18.1	ug/L
000057-11-4	Octadecanoic acid	8.60	J		19.4	ug/L
016980-85-1	Pentacos-1-ene	5.50	J		21.3	ug/L
007683-64-9	Supraene	11.0	J		23.4	ug/L

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\BP091925\
Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
Operator : CG/JU
Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3S

Quant Time: Sep 19 14:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

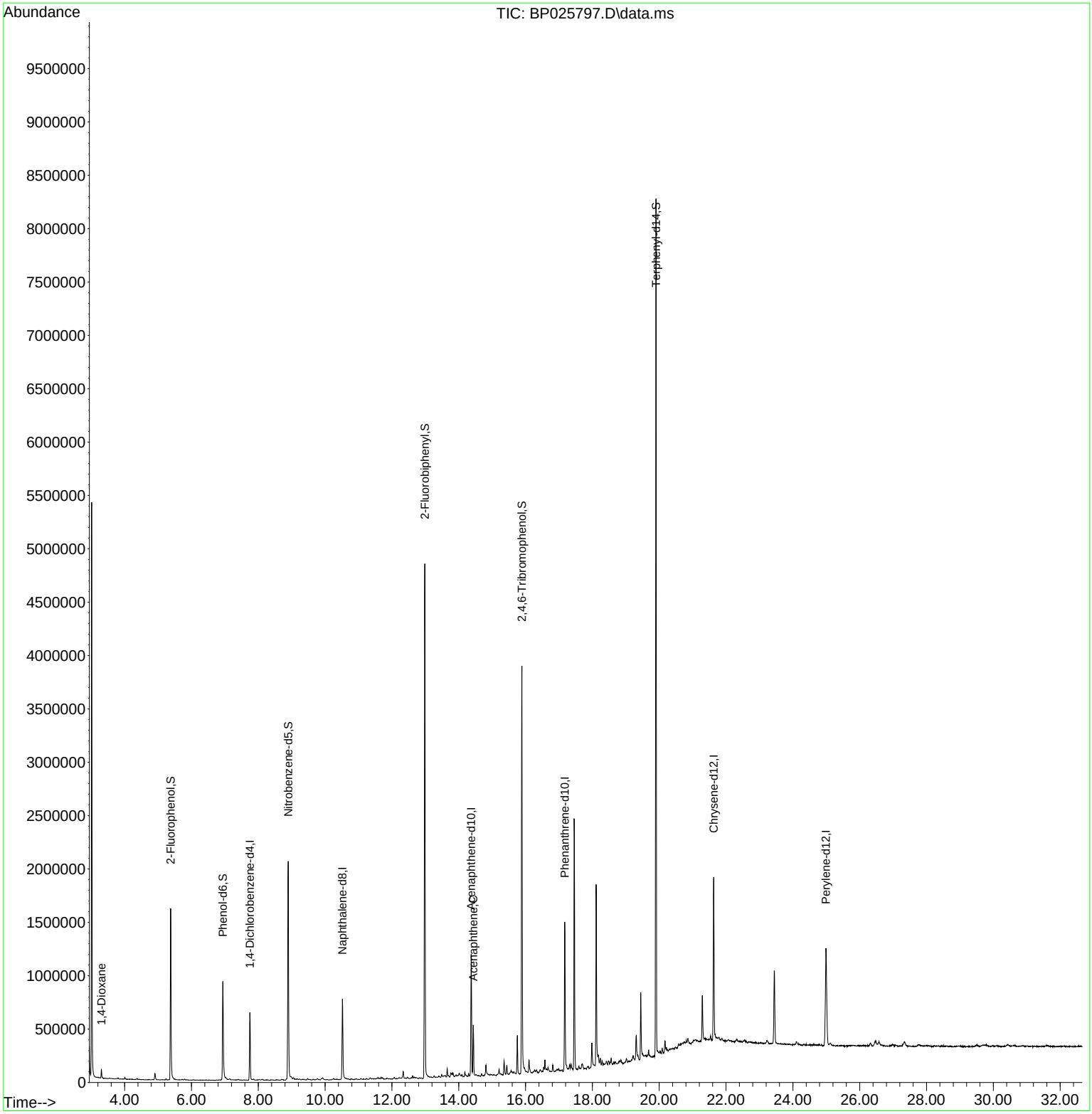
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	169135	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	657250	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	437837	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	872207	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	884935	20.000	ng	-0.01
86) Perylene-d12	24.989	264	933835	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	720817	68.766	ng	0.00
7) Phenol-d6	6.943	99	629553	45.185	ng	0.00
23) Nitrobenzene-d5	8.896	82	1247975	83.757	ng	0.00
42) 2,4,6-Tribromophenol	15.890	330	686510	125.708	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2680828	81.527	ng	0.00
79) Terphenyl-d14	19.901	244	3985084	81.013	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	37284	8.475	ng	# 82
52) Acenaphthene	14.437	154	167497	6.927	ng	99

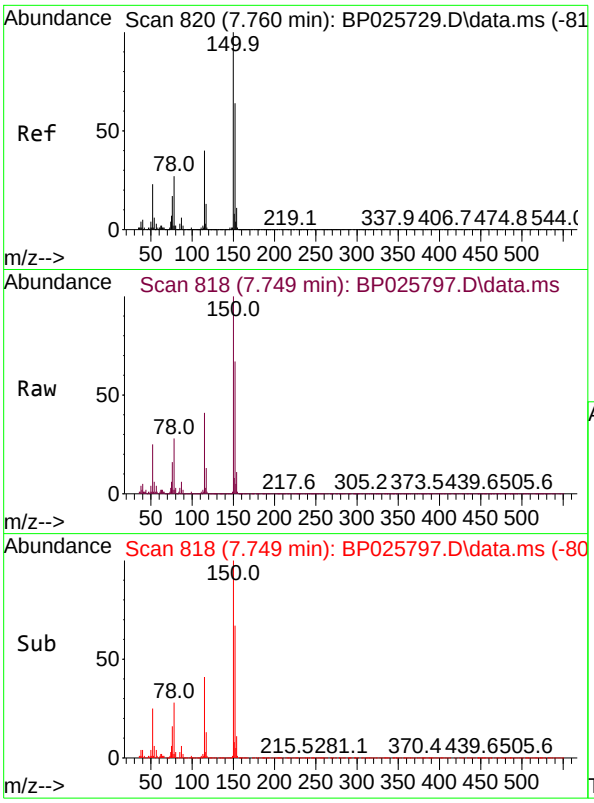
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
Operator : CG/JU
Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3S

Quant Time: Sep 19 14:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



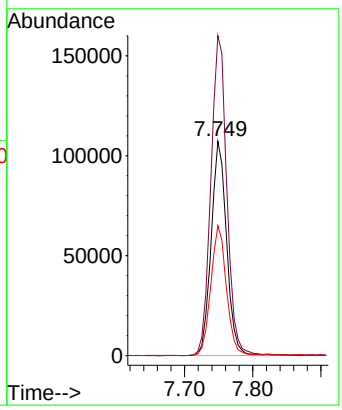


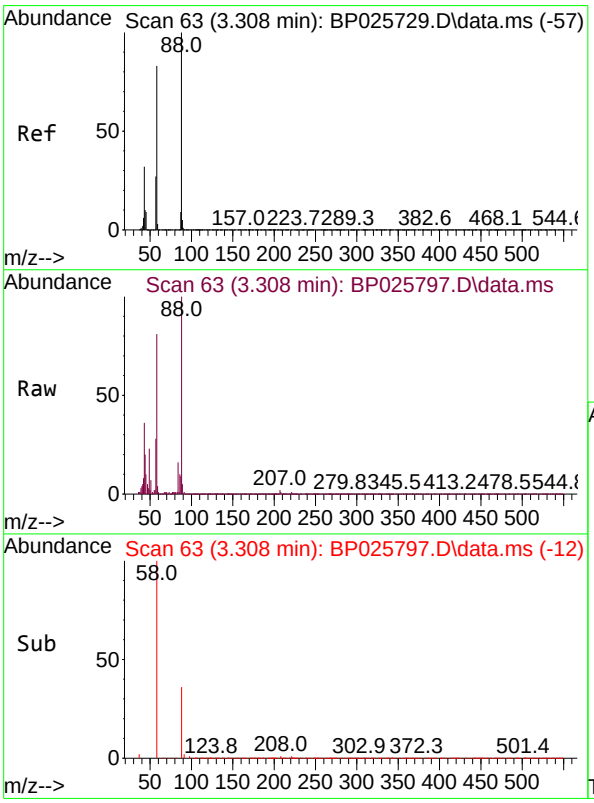
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
MW3S

Tgt Ion:152 Resp: 169135

Ion	Ratio	Lower	Upper
152	100		
150	149.3	124.3	186.5
115	60.7	50.3	75.5

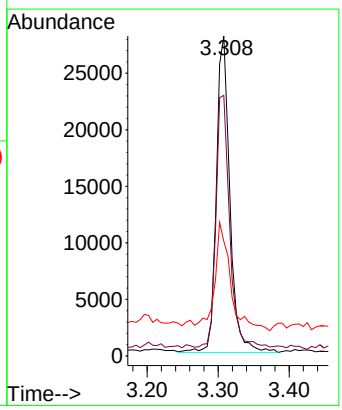


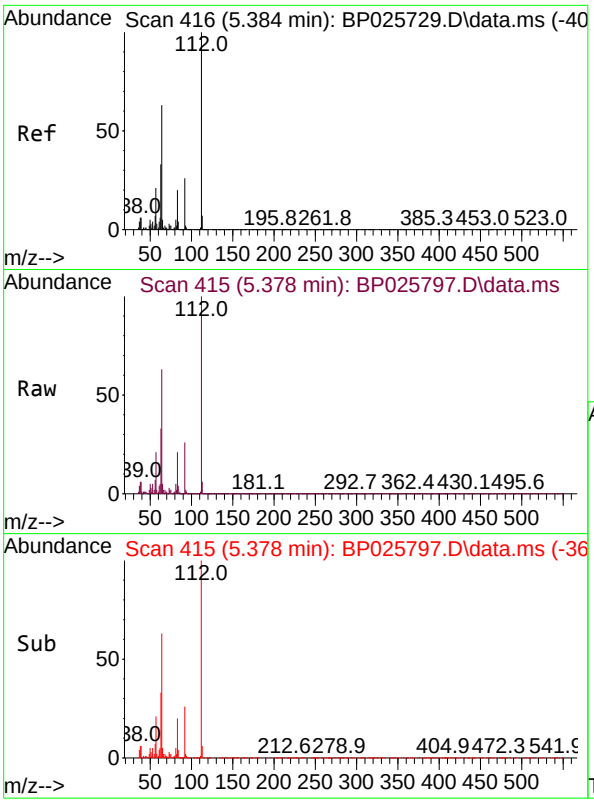


#2
1,4-Dioxane
Concen: 8.475 ng
RT: 3.308 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion: 88 Resp: 37284

Ion	Ratio	Lower	Upper
88	100		
58	79.6	65.5	98.3
43	0.0	25.2	37.8#



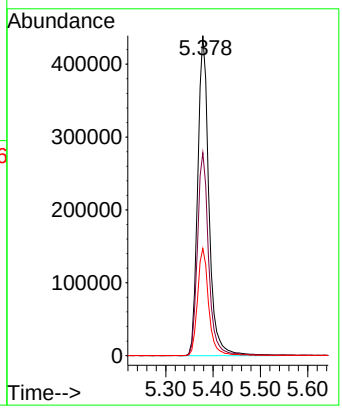


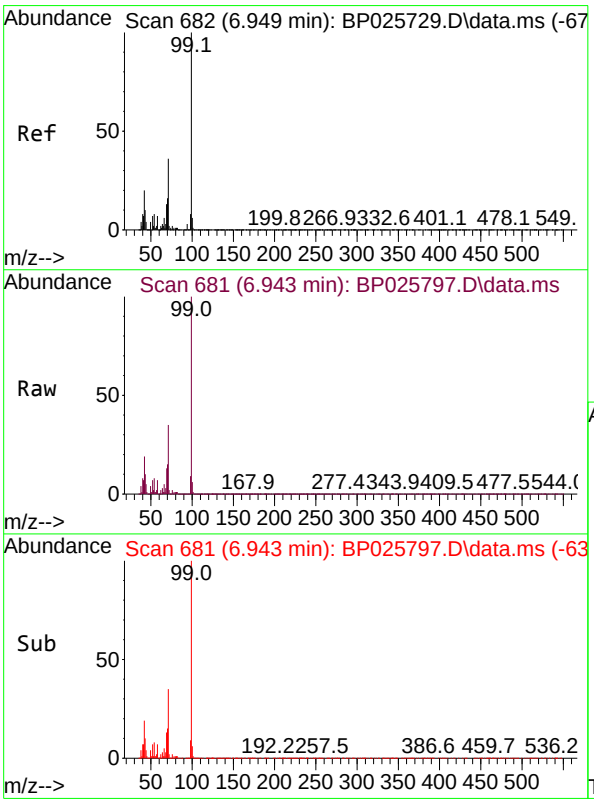
#5
2-Fluorophenol
Concen: 68.766 ng
RT: 5.378 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
MW3S

Tgt Ion:112 Resp: 720817

Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.2	75.4
63	33.5	26.7	40.1

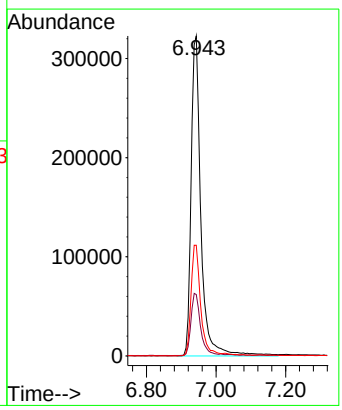


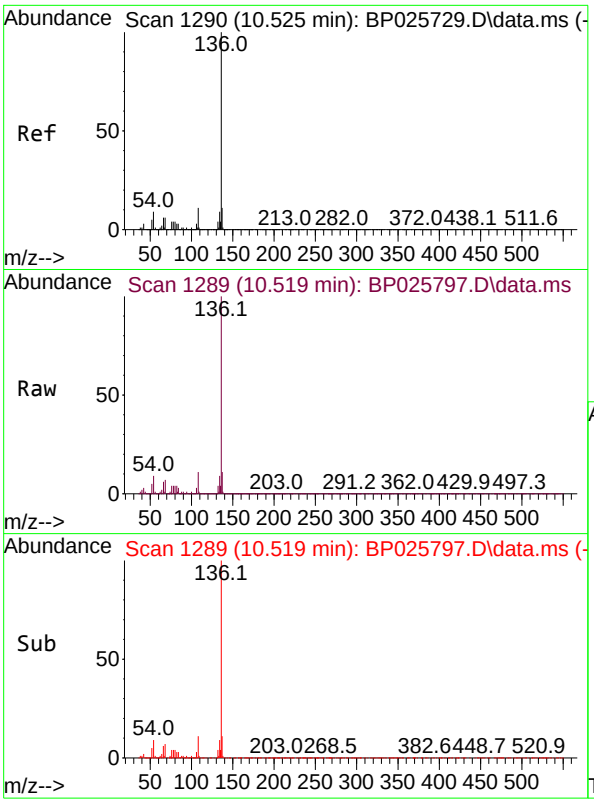


#7
Phenol-d6
Concen: 45.185 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion: 99 Resp: 629553

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.6	23.4
71	34.6	28.6	43.0



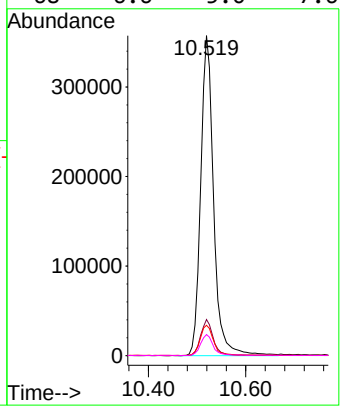


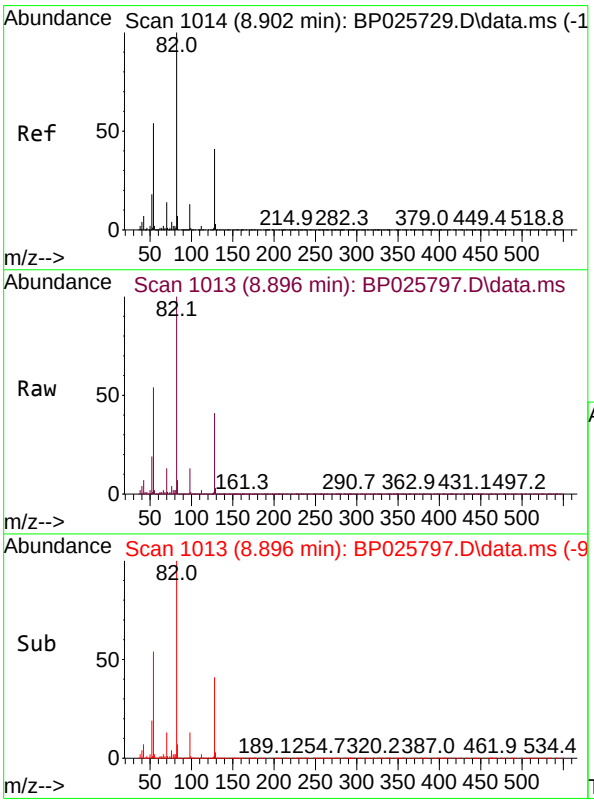
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
MW3S

Tgt Ion:136 Resp: 657250

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.5	7.5	11.3
68	6.6	5.0	7.6

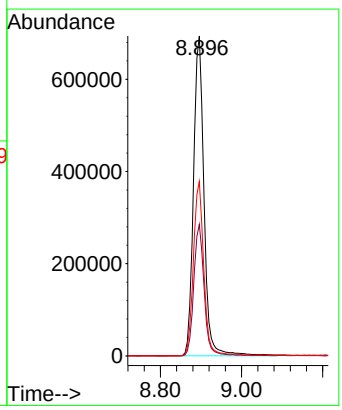


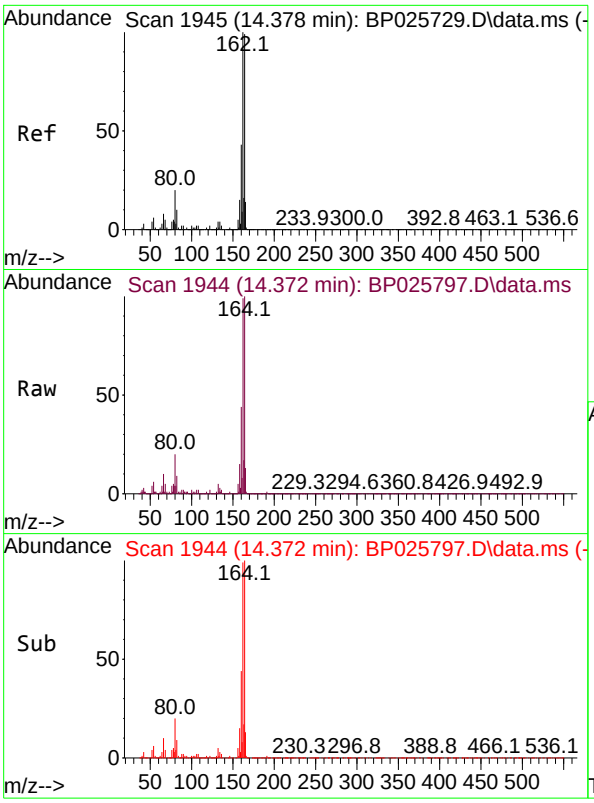


#23
Nitrobenzene-d5
Concen: 83.757 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion: 82 Resp: 1247975

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.9	49.3
54	54.5	43.4	65.2



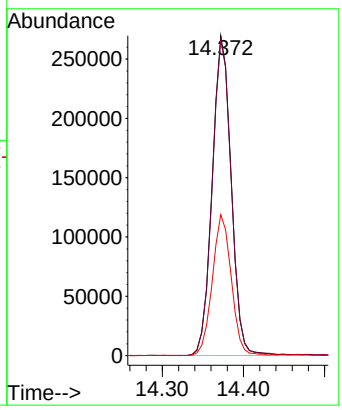


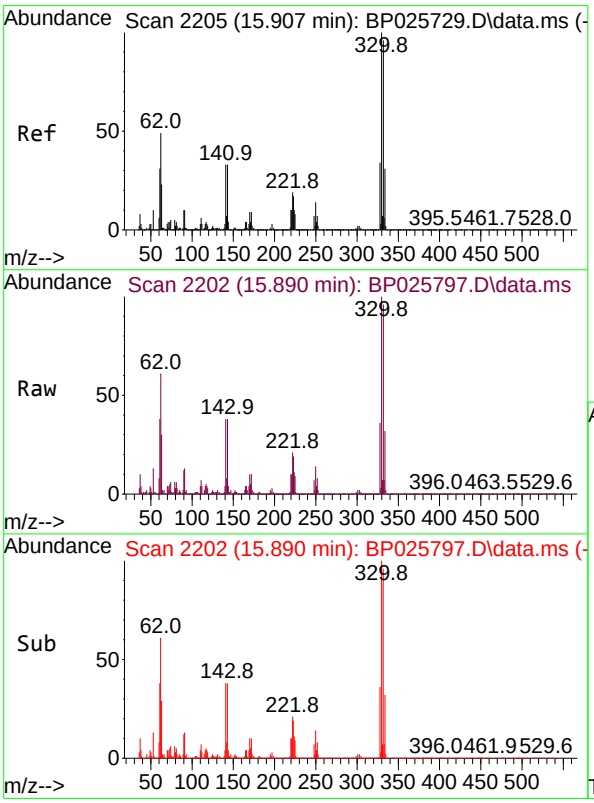
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
MW3S

Tgt Ion:164 Resp: 437837

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.6	120.8
160	44.0	35.0	52.6

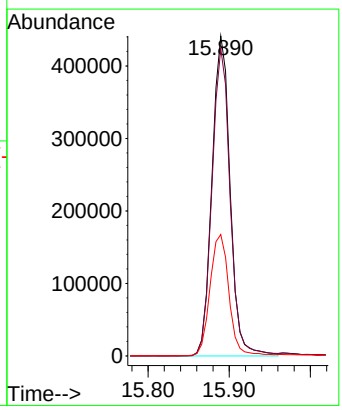


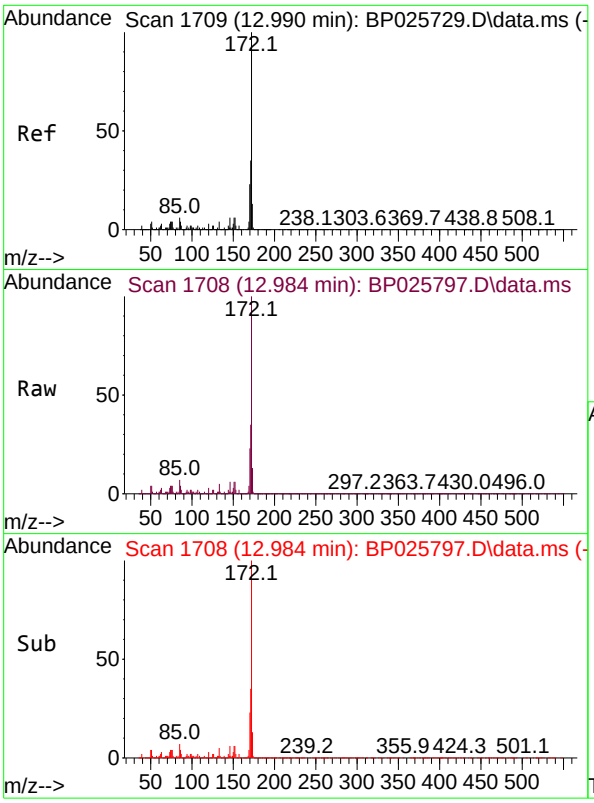


#42
2,4,6-Tribromophenol
Concen: 125.708 ng
RT: 15.890 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion:330 Resp: 686510

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	39.4	31.0	46.4



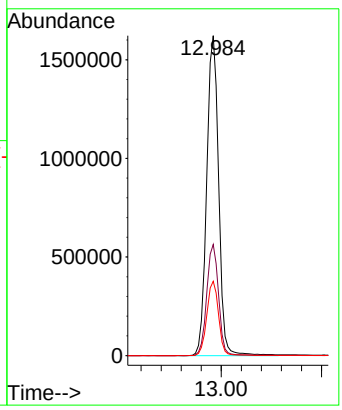


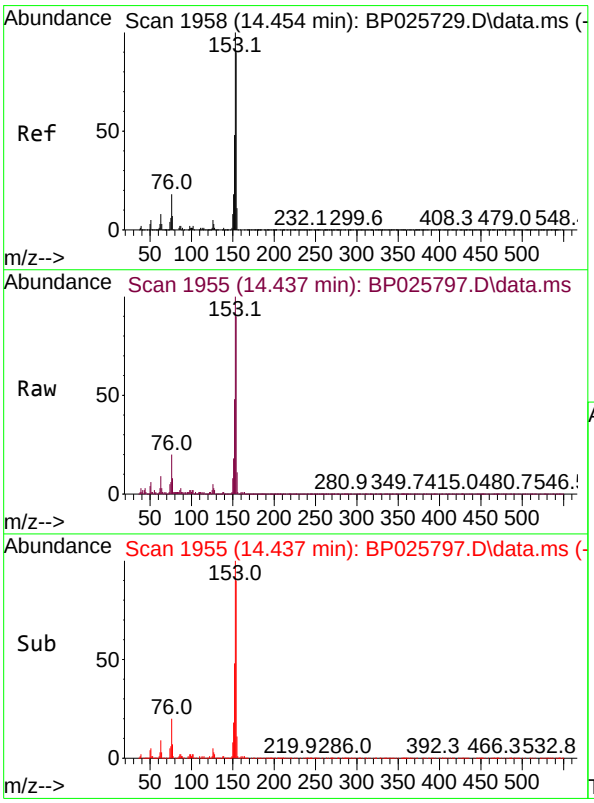
#45
2-Fluorobiphenyl
Concen: 81.527 ng
RT: 12.984 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
MW3S

Tgt Ion:172 Resp: 2680828

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.2	18.6	27.8

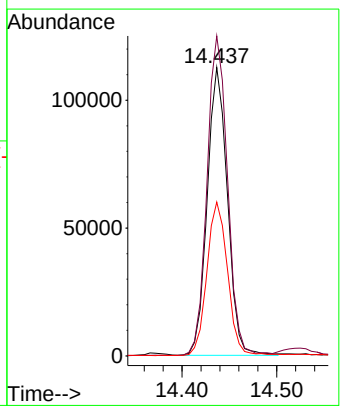


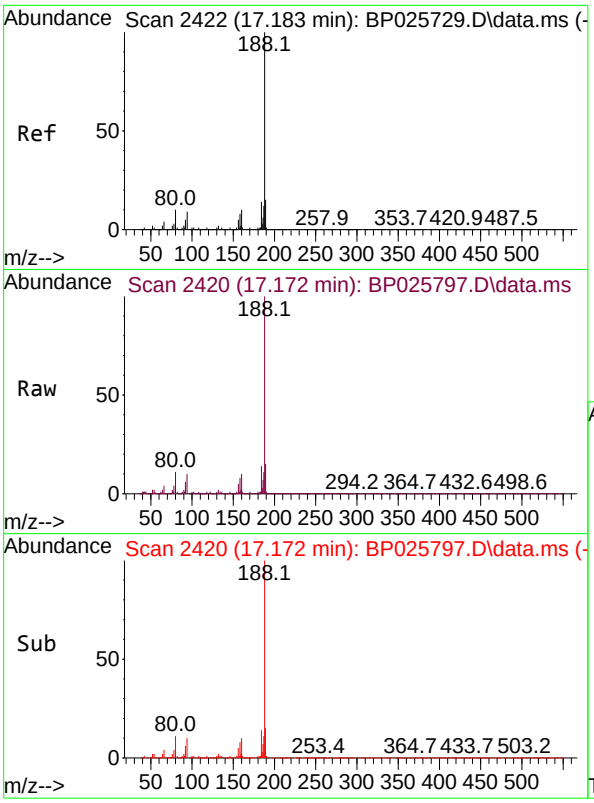


#52
Acenaphthene
Concen: 6.927 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion:154 Resp: 167497

Ion	Ratio	Lower	Upper
154	100		
153	111.0	89.4	134.0
152	53.3	42.5	63.7



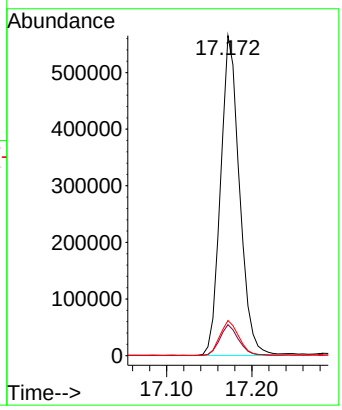


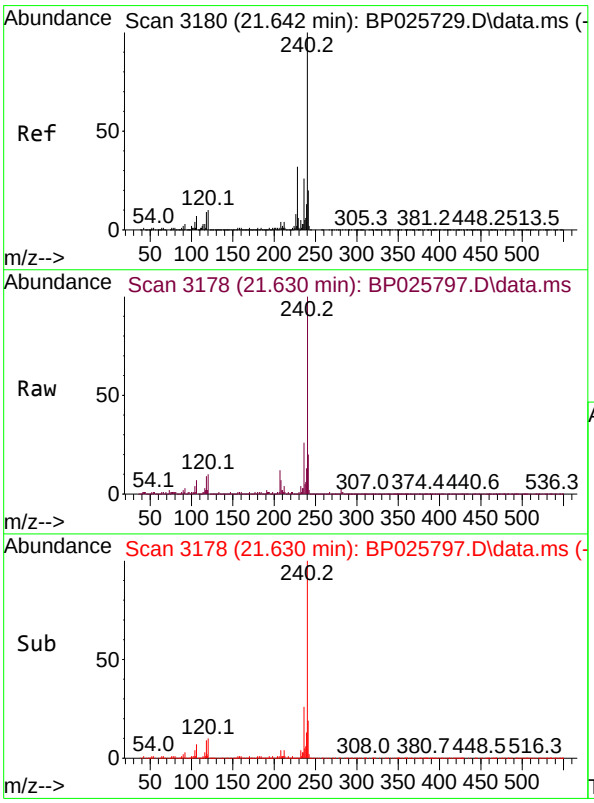
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
MW3S

Tgt Ion:188 Resp: 872207

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.0
80	11.0	7.7	11.5

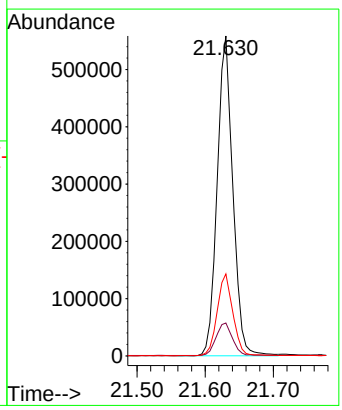


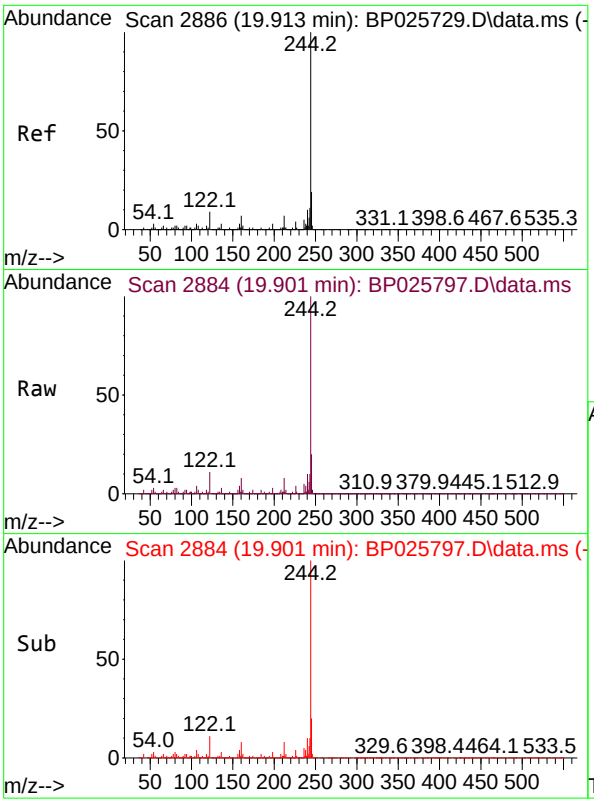


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion:240 Resp: 884935

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.0	12.0
236	25.6	20.7	31.1



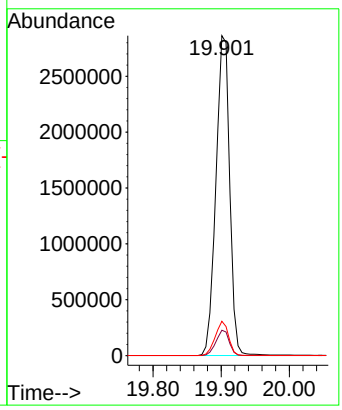


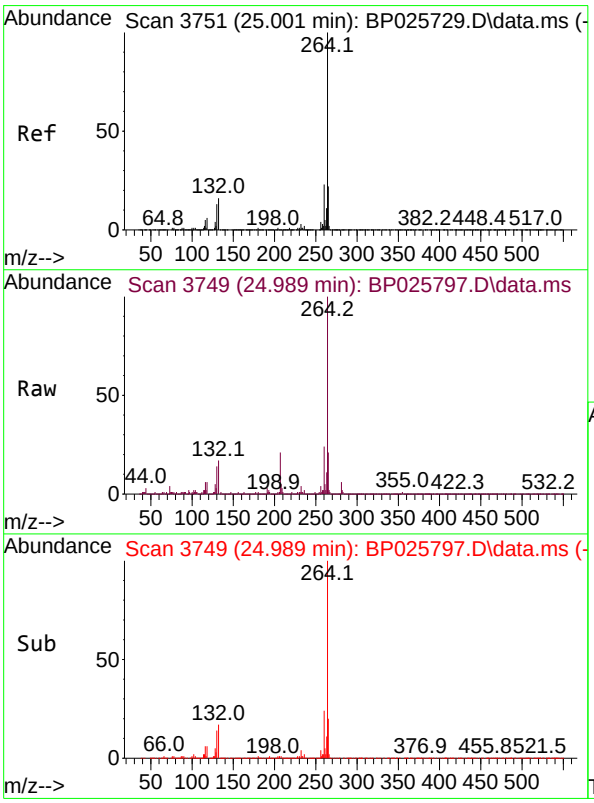
#79
Terphenyl-d14
Concen: 81.013 ng
RT: 19.901 min Scan# 28
Delta R.T. -0.012 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
MW3S

Tgt Ion:244 Resp: 3985084

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.7	7.1	10.7#

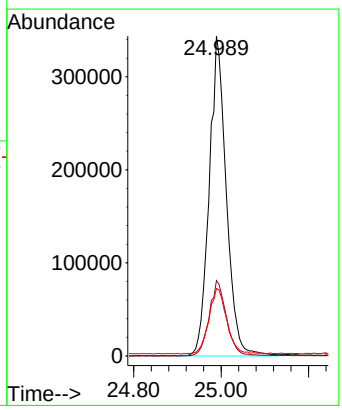




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3749
Delta R.T. -0.012 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion:264 Resp: 933835

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.1	17.3	25.9



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: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3083

Instrument ID: BNA_P Calibration Date(s): 09/11/2025 09/11/2025

Calibration Time(s): 08:56 15:20

LAB FILE ID: RRF2.5 = BP025725.D RRF005 = BP025726.D RRF010 = BP025727.D
RRF020 = BP025728.D RRF040 = BP025729.D RRF060 = BP025731.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
2-Fluorophenol		1.139	1.123	1.320	1.362	1.238	1.240	7.2
Benzaldehyde			1.037	0.748	0.875	1.077	0.987	16.2
Phenol-d6		1.391	1.460	1.793	1.861	1.658	1.648	10.3
bis(2-Chloroethyl)ether		1.313	1.222	1.508	1.555	1.368	1.396	8.2
2,2-oxybis(1-Chloropropane)		2.241	2.133	2.476	2.493	2.164	2.283	6.5
Acetophenone		0.474	0.488	0.583	0.588	0.538	0.534	8.2
n-Nitroso-di-n-propylamine	0.961	1.032	1.047	1.300	1.320	1.151	1.149	11.3
Nitrobenzene-d5		0.416	0.410	0.490	0.496	0.455	0.453	7.4
Hexachloroethane		0.603	0.557	0.633	0.647	0.588	0.602	5.2
Nitrobenzene		0.366	0.363	0.440	0.449	0.411	0.407	8.2
Isophorone		0.737	0.726	0.862	0.860	0.791	0.797	6.8
bis(2-Chloroethoxy)methane		0.414	0.423	0.510	0.498	0.452	0.461	7.8
Naphthalene		1.072	1.028	1.164	1.147	1.044	1.078	5.4
4-Chloroaniline		0.343	0.391	0.489	0.510	0.465	0.449	13.3
Hexachlorobutadiene		0.226	0.219	0.247	0.242	0.226	0.229	5.0
Caprolactam			0.105	0.127	0.132	0.120	0.122	7.5
2-Methylnaphthalene		0.662	0.639	0.758	0.747	0.677	0.693	6.5
Hexachlorocyclopentadiene			0.225	0.326	0.380	0.347	0.330	16.4
2-Fluorobiphenyl		1.563	1.470	1.655	1.596	1.434	1.502	7.5
1,1-Biphenyl		1.458	1.375	1.599	1.587	1.425	1.468	6.4
2-Chloronaphthalene		1.140	1.090	1.252	1.240	1.132	1.156	6.0
2-Nitroaniline		0.309	0.332	0.416	0.439	0.402	0.385	12.1
Dimethylphthalate		1.545	1.433	1.682	1.659	1.446	1.527	7.0
Acenaphthylene		1.877	1.791	2.095	2.058	1.871	1.915	6.1
2,6-Dinitrotoluene		0.286	0.291	0.353	0.358	0.330	0.324	8.6
3-Nitroaniline		0.266	0.282	0.370	0.394	0.357	0.340	13.9
Acenaphthene		1.129	1.052	1.207	1.195	1.055	1.104	6.8
Dibenzofuran		1.834	1.754	1.967	1.922	1.719	1.800	6.4
2,4-Dinitrotoluene		0.382	0.398	0.501	0.521	0.471	0.460	11.3
Diethylphthalate		1.573	1.472	1.697	1.644	1.473	1.549	6.0
4-Chlorophenyl-phenylether		0.755	0.699	0.791	0.769	0.681	0.721	7.1
Fluorene		1.485	1.382	1.579	1.546	1.350	1.431	7.5
4-Nitroaniline		0.258	0.281	0.381	0.404	0.376	0.349	15.9
n-Nitrosodiphenylamine		0.597	0.573	0.681	0.664	0.594	0.612	7.9

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3083

Instrument ID: BNA_P Calibration Date(s): 09/11/2025 09/11/2025

Calibration Time(s): 08:56 15:20

LAB FILE ID: RRF2.5 = BP025725.D RRF005 = BP025726.D RRF010 = BP025727.D
RRF020 = BP025728.D RRF040 = BP025729.D RRF060 = BP025731.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
2,4,6-Tribromophenol		0.227	0.227	0.270	0.277	0.249	0.249	7.7
4-Bromophenyl-phenylether		0.213	0.202	0.240	0.238	0.213	0.220	6.8
Hexachlorobenzene		0.243	0.230	0.266	0.261	0.236	0.245	5.8
Atrazine		0.215	0.210	0.260	0.260	0.227	0.234	8.5
Phenanthrene		1.163	1.095	1.247	1.213	1.065	1.135	7.0
Anthracene		1.120	1.086	1.280	1.237	1.107	1.151	7.4
Carbazole		0.994	0.998	1.185	1.173	1.038	1.070	7.8
Di-n-butylphthalate		1.232	1.213	1.468	1.438	1.281	1.313	8.0
Fluoranthene		1.387	1.294	1.511	1.447	1.293	1.361	7.0
Pyrene		1.307	1.243	1.444	1.430	1.308	1.335	5.7
Terphenyl-d14		1.133	1.093	1.198	1.177	1.054	1.112	5.8
Butylbenzylphthalate		0.519	0.511	0.636	0.647	0.587	0.585	9.0
3,3-Dichlorobenzidine			0.425	0.499	0.518	0.468	0.473	7.4
Benzo(a)anthracene		1.346	1.302	1.471	1.453	1.330	1.369	5.0
Chrysene		1.316	1.253	1.397	1.375	1.268	1.305	5.1
Bis(2-ethylhexyl)phthalate		0.800	0.781	0.930	0.945	0.857	0.856	7.3
Di-n-octyl phthalate			1.315	1.604	1.670	1.513	1.523	7.9
Benzo(b)fluoranthene		1.124	1.145	1.304	1.336	1.216	1.223	6.5
Benzo(k)fluoranthene		1.228	1.170	1.367	1.341	1.220	1.248	6.5
Benzo(a)pyrene		1.131	1.100	1.276	1.307	1.208	1.198	6.5
Indeno(1,2,3-cd)pyrene		1.340	1.334	1.533	1.596	1.485	1.454	7.0
Dibenzo(a,h)anthracene		1.116	1.075	1.254	1.297	1.208	1.190	6.8
Benzo(g,h,i)perylene		1.090	1.078	1.225	1.267	1.197	1.171	6.2
1,2,4,5-Tetrachlorobenzene		0.590	0.561	0.653	0.660	0.604	0.606	6.3
1,4-Dioxane		0.565	0.497	0.558	0.546	0.493	0.520	7.0

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025725.D 5 =BP025726.D 10 =BP025727.D 20 =BP025728.D 40 =BP025729.D 50 =BP025733.D 60 =BP025731.D 80 =BP0257
32.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.565	0.497	0.558	0.546	0.514	0.493	0.469	0.520	7.02
3)		Pyridine		1.376	1.317	1.526	1.566	1.464	1.400	1.380	1.432	6.23
4)		n-Nitrosodimet...			0.639	0.715	0.721	0.680	0.652	0.648	0.676	5.26
5)	S	2-Fluorophenol		1.139	1.123	1.320	1.362	1.282	1.238	1.213	1.240	7.19
6)		Aniline		1.980	1.981	2.462	2.509	2.372	2.265	2.263	2.262	9.42
7)	S	Phenol-d6		1.391	1.460	1.793	1.861	1.726	1.658	1.643	1.648	10.33
8)		2-Chlorophenol		1.229	1.196	1.448	1.508	1.410	1.366	1.361	1.360	8.28
9)		Benzaldehyde			1.037	0.748	0.875	1.207	1.077	0.981	0.987	16.23
10)	C	Phenol		1.512	1.525	1.848	1.964	1.819	1.751	1.741	1.737	9.59
11)		bis(2-Chloroet...		1.313	1.222	1.508	1.555	1.438	1.368	1.365	1.396	8.20
12)		1,3-Dichlorobe...		1.550	1.447	1.662	1.674	1.548	1.489	1.464	1.548	5.87
13)	C	1,4-Dichlorobe...		1.550	1.475	1.698	1.690	1.590	1.539	1.492	1.576	5.63
14)		1,2-Dichlorobe...		1.529	1.432	1.634	1.653	1.542	1.485	1.445	1.531	5.64
15)		Benzyl Alcohol			1.092	1.425	1.510	1.411	1.350	1.380	1.361	10.49
16)		2,2'-oxybis(1-...		2.241	2.133	2.476	2.493	2.291	2.164	2.179	2.282	6.47
17)		2-Methylphenol		0.973	1.030	1.268	1.319	1.231	1.185	1.192	1.171	10.72
18)		Hexachloroethane		0.603	0.557	0.633	0.647	0.609	0.588	0.579	0.602	5.18
19)	P	n-Nitroso-di-n...	0.961	1.032	1.047	1.300	1.320	1.230	1.151	1.151	1.149	11.29
20)		3+4-Methylphenols			1.352	1.721	1.819	1.693	1.625	1.633	1.640	9.62
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.474	0.488	0.583	0.588	0.550	0.538	0.520	0.534	8.19
23)	S	Nitrobenzene-d5		0.416	0.410	0.490	0.496	0.467	0.455	0.440	0.453	7.43
24)		Nitrobenzene		0.366	0.363	0.440	0.449	0.418	0.411	0.400	0.407	8.15
25)		Isophorone		0.737	0.726	0.862	0.860	0.815	0.791	0.787	0.797	6.76
26)	C	2-Nitrophenol		0.141	0.154	0.190	0.203	0.193	0.192	0.192	0.181	12.86
27)		2,4-Dimethylph...		0.263	0.286	0.345	0.356	0.327	0.320	0.320	0.317	10.24
28)		bis(2-Chloroet...		0.414	0.423	0.510	0.498	0.474	0.452	0.453	0.461	7.83
29)	C	2,4-Dichloroph...		0.267	0.270	0.339	0.349	0.337	0.327	0.323	0.316	10.66
30)		1,2,4-Trichlor...		0.355	0.335	0.377	0.378	0.357	0.346	0.343	0.356	4.60
31)		Naphthalene		1.072	1.028	1.164	1.147	1.084	1.044	1.010	1.078	5.41
32)		Benzoic acid			0.170	0.214	0.261	0.253	0.257	0.259	0.236	15.62
33)		4-Chloroaniline		0.343	0.391	0.489	0.510	0.477	0.465	0.471	0.449	13.27
34)	C	Hexachlorobuta...		0.226	0.219	0.247	0.242	0.227	0.226	0.217	0.229	4.97
35)		Caprolactam			0.105	0.127	0.132	0.123	0.120	0.123	0.122	7.52
36)	C	4-Chloro-3-met...		0.328	0.338	0.406	0.414	0.394	0.377	0.380	0.377	8.72
37)		2-Methylnaphth...		0.662	0.639	0.758	0.747	0.698	0.677	0.666	0.693	6.47
38)		1-Methylnaphth...		0.726	0.691	0.807	0.800	0.731	0.713	0.703	0.739	6.25

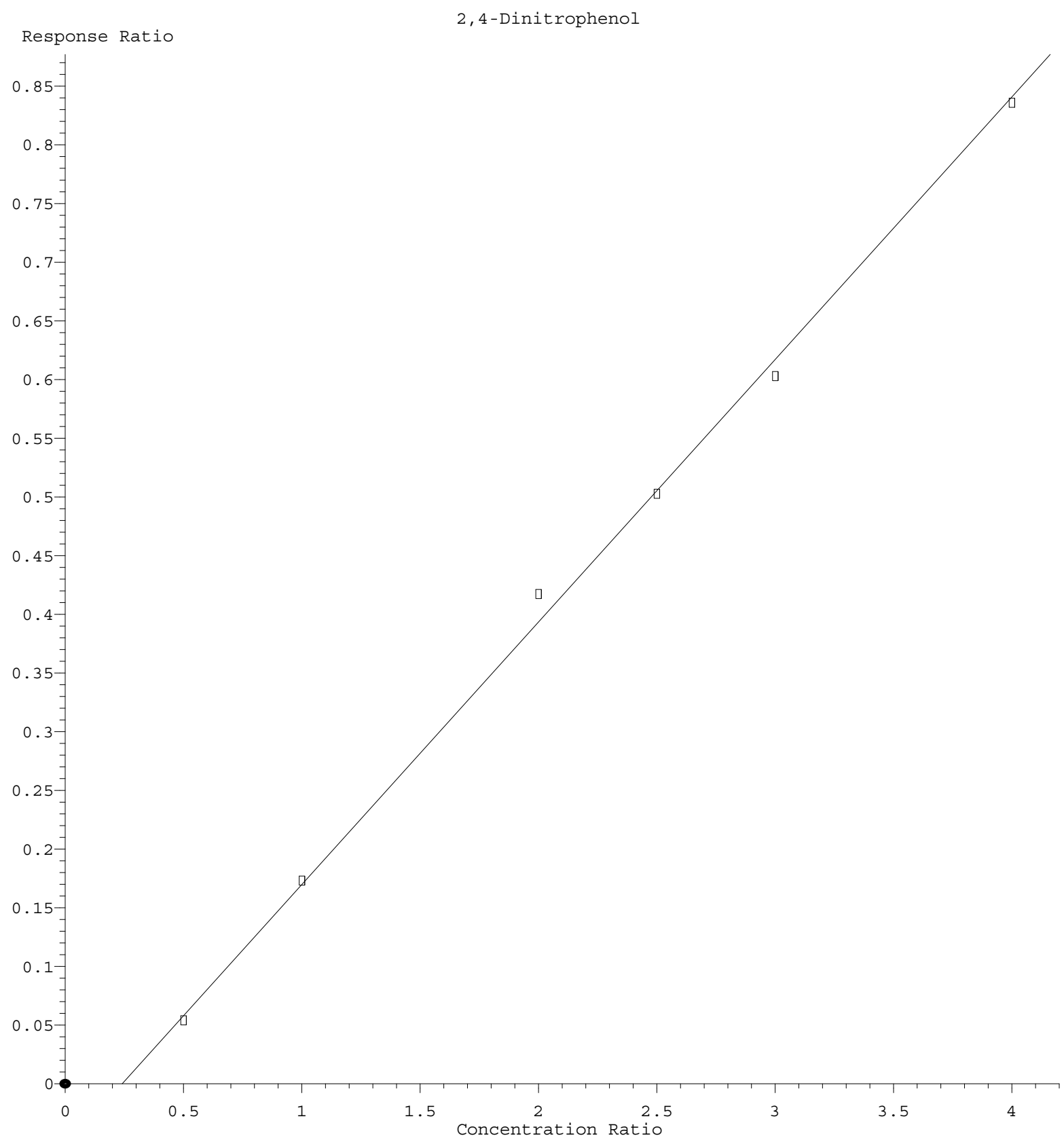
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.590	0.561	0.653	0.660	0.607	0.604	0.568	0.606	6.33
41)	P	Hexachlorocycl...		0.225	0.326	0.380	0.351	0.347	0.351	0.330	16.40
42)	S	2,4,6-Tribromo...	0.227	0.227	0.270	0.277	0.250	0.249	0.246	0.249	7.67
43)	C	2,4,6-Trichlor...	0.340	0.354	0.435	0.445	0.409	0.409	0.397	0.398	9.86
44)		2,4,5-Trichlor...	0.375	0.389	0.482	0.501	0.459	0.457	0.441	0.443	10.43
45)	S	2-Fluorobiphenyl	1.563	1.470	1.655	1.596	1.479	1.434	1.318	1.502	7.50
46)		1,1'-Biphenyl	1.458	1.375	1.599	1.587	1.465	1.425	1.366	1.468	6.37
47)		2-Chloronaphth...	1.140	1.090	1.252	1.240	1.164	1.132	1.073	1.156	5.96
48)		2-Nitroaniline	0.309	0.332	0.416	0.439	0.399	0.402	0.401	0.385	12.14
49)		Acenaphthylene	1.877	1.791	2.095	2.058	1.904	1.871	1.810	1.915	6.12
50)		Dimethylphthalate	1.545	1.433	1.682	1.659	1.493	1.446	1.430	1.527	6.95
51)		2,6-Dinitrotol...	0.286	0.291	0.353	0.358	0.329	0.330	0.318	0.324	8.57
52)	C	Acenaphthene	1.129	1.052	1.207	1.195	1.084	1.055	1.010	1.104	6.80
53)		3-Nitroaniline	0.266	0.282	0.370	0.394	0.358	0.357	0.355	0.340	13.91
54)	P	2,4-Dinitrophenol		0.108	0.173	0.209	0.201	0.201	0.209	0.183	21.35
55)		Dibenzofuran	1.834	1.754	1.967	1.922	1.766	1.719	1.640	1.800	6.39
56)	P	4-Nitrophenol		0.148	0.255	0.307	0.273	0.280	0.288	0.258	22.01
57)		2,4-Dinitrotol...	0.382	0.398	0.501	0.521	0.484	0.471	0.467	0.460	11.27
58)		Fluorene	1.485	1.382	1.579	1.546	1.385	1.350	1.292	1.431	7.46
59)		2,3,4,6-Tetrac...	0.362	0.361	0.434	0.446	0.404	0.393	0.395	0.399	8.21
60)		Diethylphthalate	1.573	1.472	1.697	1.644	1.518	1.473	1.465	1.549	5.98
61)		4-Chlorophenyl...	0.755	0.699	0.791	0.769	0.704	0.681	0.651	0.721	7.07
62)		4-Nitroaniline	0.258	0.281	0.381	0.404	0.373	0.376	0.365	0.349	15.91
63)		Azobenzene	1.421	1.383	1.648	1.643	1.510	1.468	1.410	1.498	7.29
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.093	0.135	0.151	0.143	0.137	0.139	0.133	15.14
66)	c	n-Nitrosodiphe...	0.597	0.573	0.681	0.664	0.628	0.594	0.547	0.612	7.88
67)		4-Bromophenyl-...	0.213	0.202	0.240	0.238	0.226	0.213	0.205	0.220	6.85
68)		Hexachlorobenzene	0.243	0.230	0.266	0.261	0.248	0.236	0.231	0.245	5.77
69)		Atrazine	0.215	0.210	0.260	0.260	0.240	0.227	0.227	0.234	8.54
70)	C	Pentachlorophenol		0.132	0.168	0.179	0.167	0.161	0.163	0.162	9.85
71)		Phenanthrene	1.163	1.095	1.247	1.213	1.131	1.065	1.027	1.135	6.96
72)		Anthracene	1.120	1.086	1.280	1.237	1.183	1.107	1.044	1.151	7.39
73)		Carbazole	0.994	0.998	1.185	1.173	1.105	1.038	0.999	1.070	7.82
74)		Di-n-butylphth...	1.232	1.213	1.468	1.438	1.339	1.281	1.220	1.313	8.00
75)	C	Fluoranthene	1.387	1.294	1.511	1.447	1.351	1.293	1.242	1.361	6.96
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.523	0.537	0.653	0.631	0.578	0.536	0.576	9.47
78)		Pyrene	1.307	1.243	1.444	1.430	1.337	1.308	1.274	1.335	5.71
79)	S	Terphenyl-d14	1.133	1.093	1.198	1.177	1.111	1.054	1.017	1.112	5.78
80)		Butylbenzylpht...	0.519	0.511	0.636	0.647	0.608	0.587	0.588	0.585	9.02
81)		Benzo(a)anthra...	1.346	1.302	1.471	1.453	1.378	1.330	1.305	1.369	5.02
82)		3,3'-Dichlorob...		0.425	0.499	0.518	0.488	0.468	0.442	0.473	7.45
83)		Chrysene	1.316	1.253	1.397	1.375	1.317	1.268	1.210	1.305	5.11
84)		Bis(2-ethylhex...	0.800	0.781	0.930	0.945	0.861	0.857	0.818	0.856	7.31
85)	c	Di-n-octyl pht...		1.315	1.604	1.670	1.531	1.513	1.504	1.523	7.87

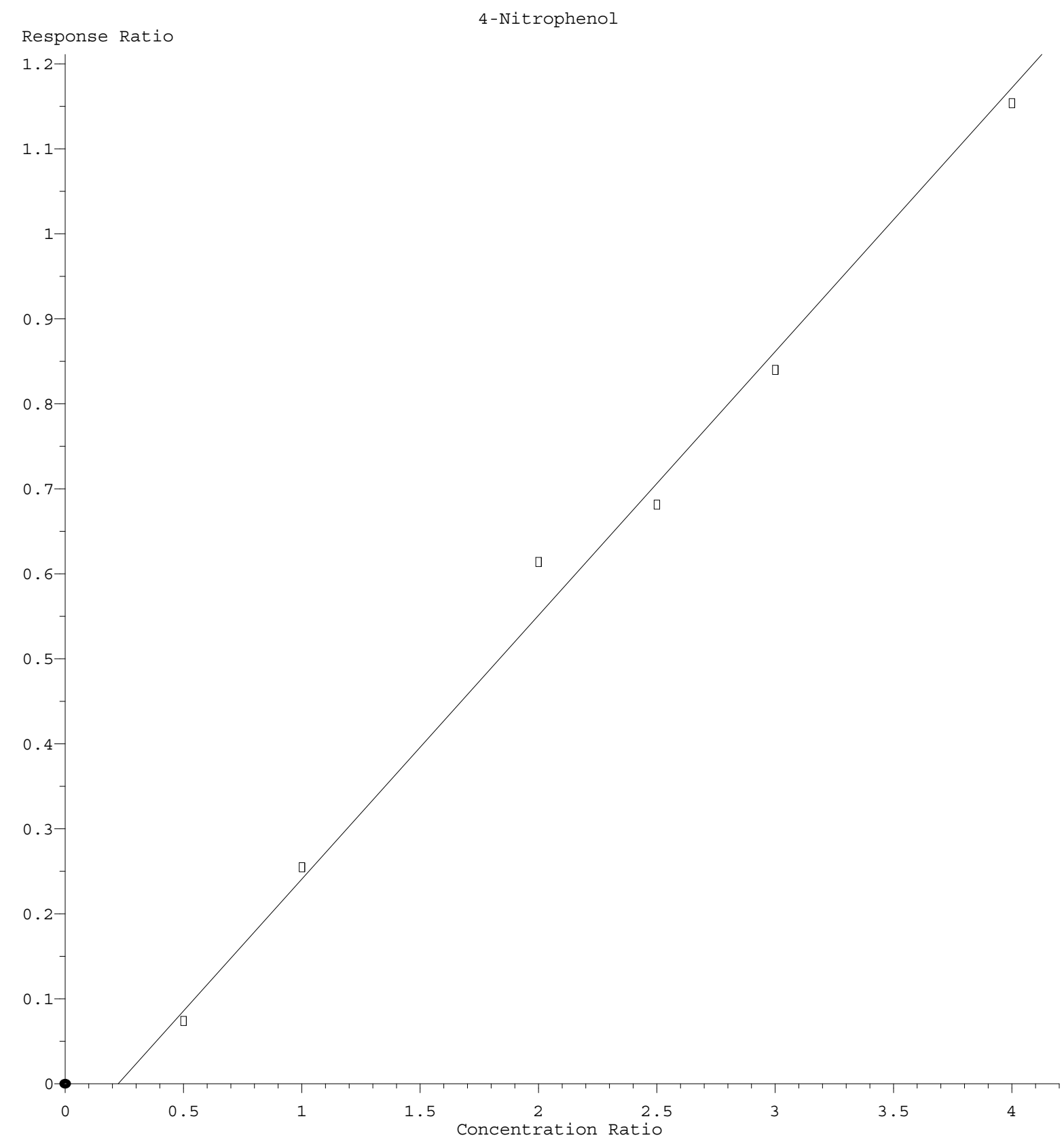
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.340	1.334	1.533	1.596	1.506	1.485	1.386	1.454	6.99
88)		Benzo(b)fluora...	1.124	1.145	1.304	1.336	1.252	1.216	1.186	1.223	6.45
89)		Benzo(k)fluora...	1.228	1.170	1.367	1.341	1.258	1.220	1.151	1.248	6.51
90)	C	Benzo(a)pyrene	1.131	1.100	1.276	1.307	1.221	1.208	1.141	1.198	6.45
91)		Dibenzo(a,h)an...	1.116	1.075	1.254	1.297	1.239	1.208	1.143	1.190	6.79
92)		Benzo(g,h,i)pe...	1.090	1.078	1.225	1.267	1.210	1.197	1.125	1.170	6.20

(#) = Out of Range



Response = 2.238e-001 * Amt - 5.399e-002
Coef of Det (r^2) = 0.998392 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP091225.M
Calibration Table Last Updated: Thu Sep 11 16:45:04 2025



Response = 3.103e-001 * Amt - 6.955e-002
Coef of Det (r^2) = 0.993923 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP091225.M
Calibration Table Last Updated: Thu Sep 11 16:45:04 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025725.D
Acq On : 11 Sep 2025 08:56
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	120353	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	495839	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	354286	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	772731	20.000	ng	0.00
76) Chrysene-d12	21.624	240	878437	20.000	ng	-0.02
86) Perylene-d12	25.001	264	947867	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...	8.549	70	14459m	2.116	ng	

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

ICAL Form

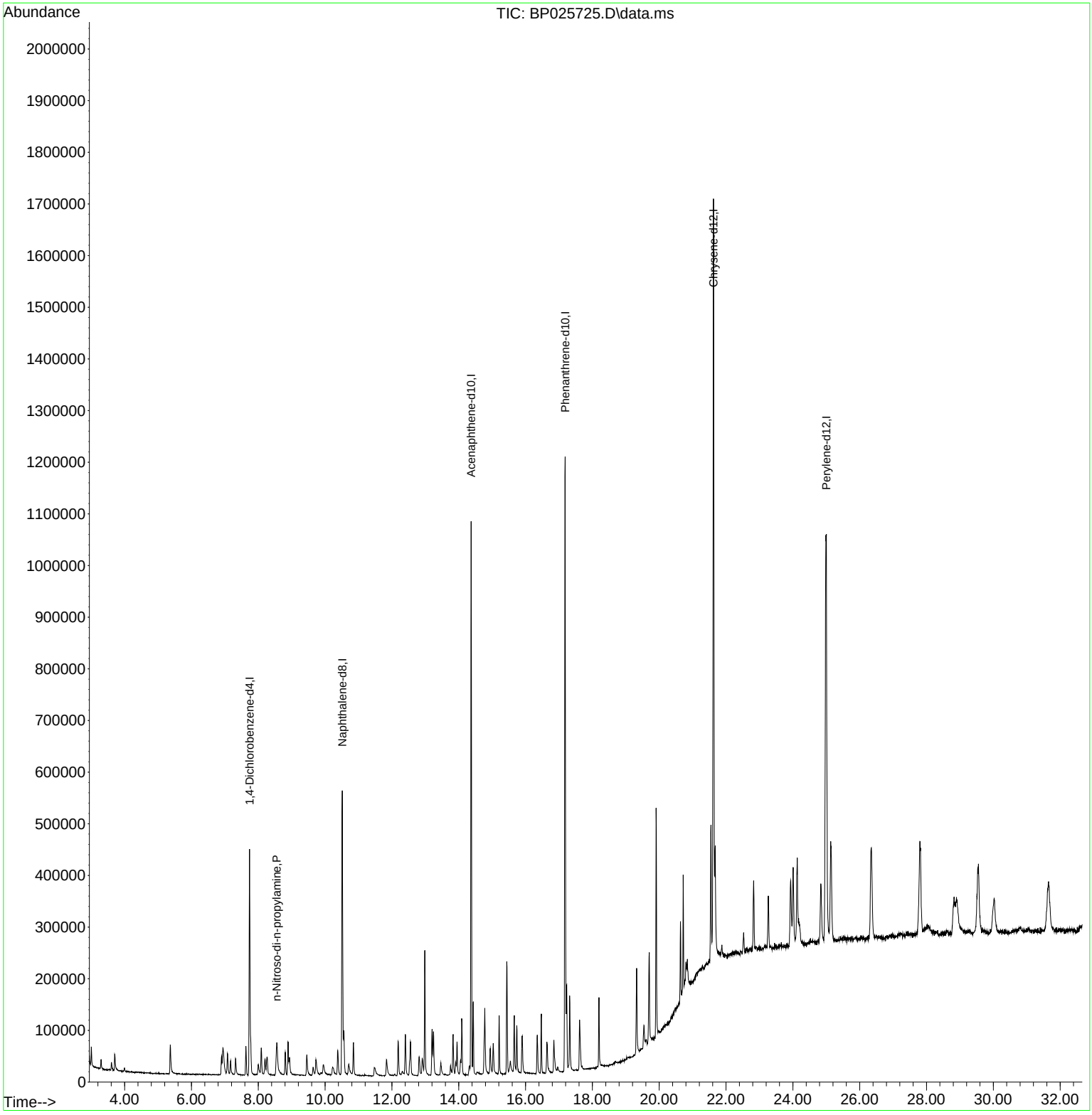
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025725.D
Acq On : 11 Sep 2025 08:56
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

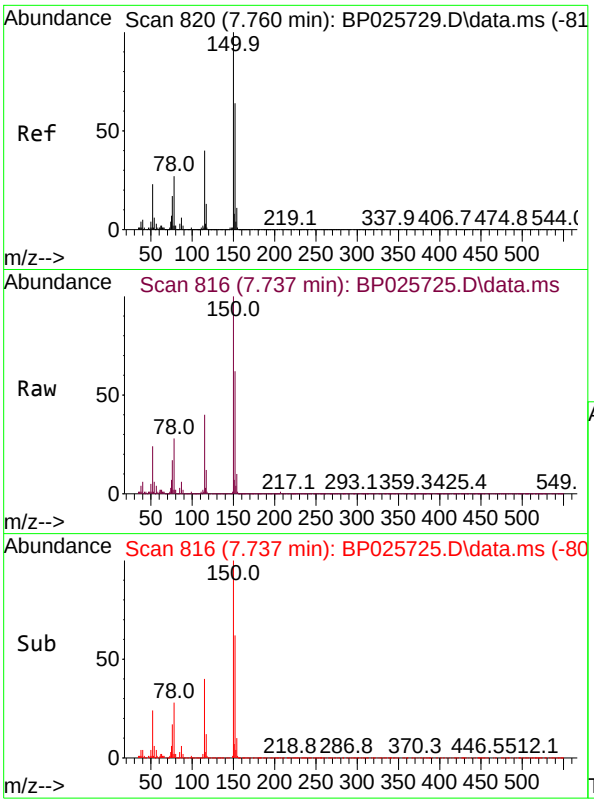
Quant Time: Sep 11 16:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

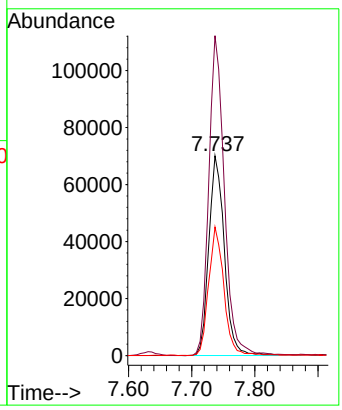




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 8
Delta R.T. -0.023 min
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion:152 Resp: 12035

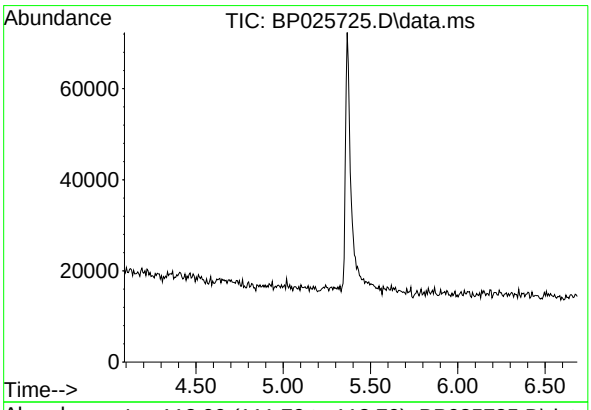
Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.3	186.5
115	64.4	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

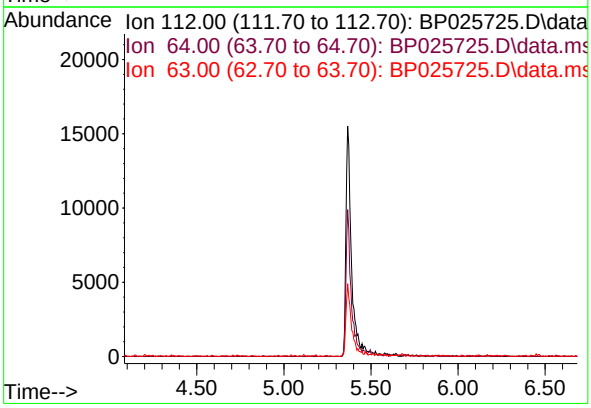


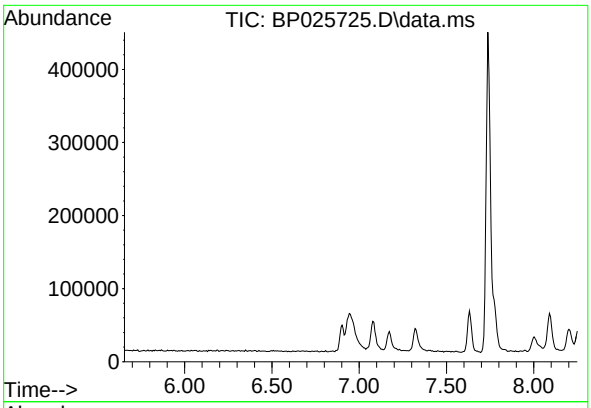
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.38 min

Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	62.8
63	33.4





#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.95 min

Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

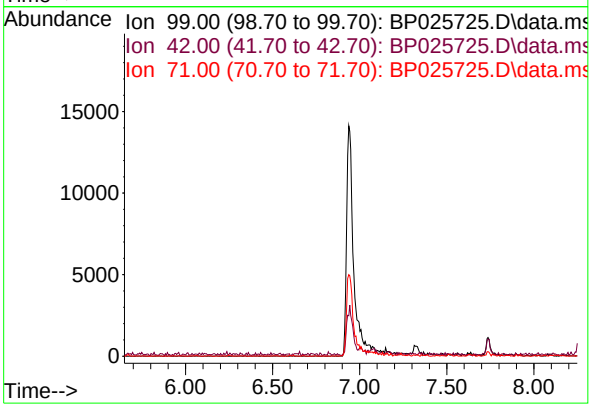
Tgt Ion: 99

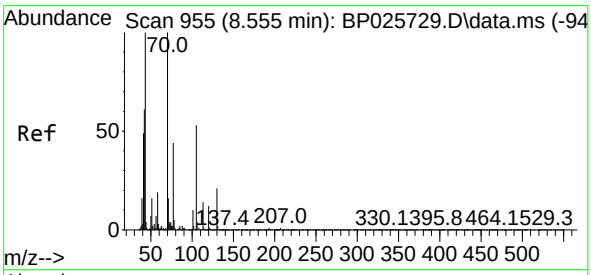
Sig	Exp Ratio
99	100
42	19.5
71	35.8

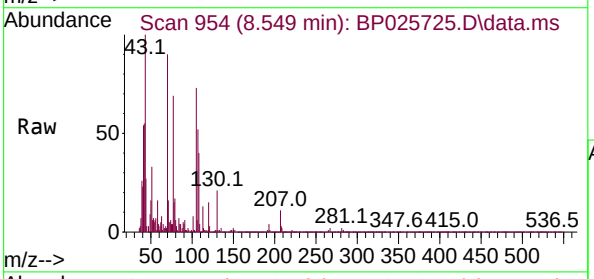
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

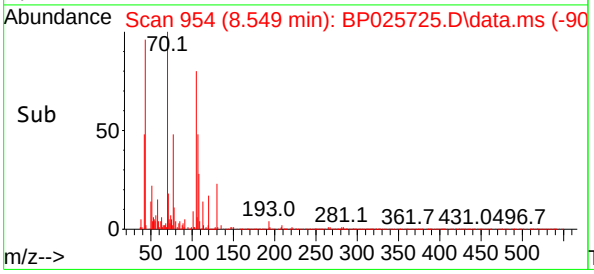
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025





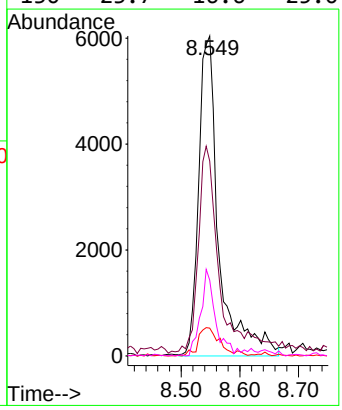


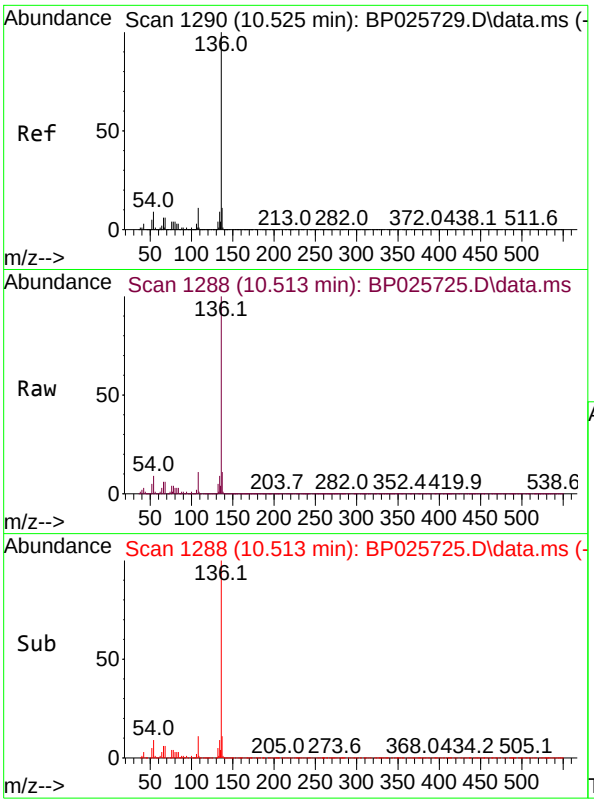


#19
n-Nitroso-di-n-propylamine
Concen: 2.116 ng m
RT: 8.549 min Scan# 954
Delta R.T. -0.006 min
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion: 70 Resp: 14459

Ion	Ratio	Lower	Upper
70	100		
42	60.9	49.0	73.4
101	8.7	7.9	11.9
130	23.7	16.6	25.0

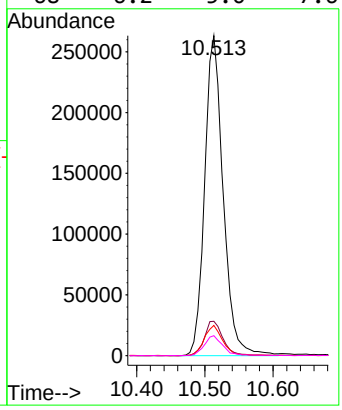




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion:136 Resp: 49583

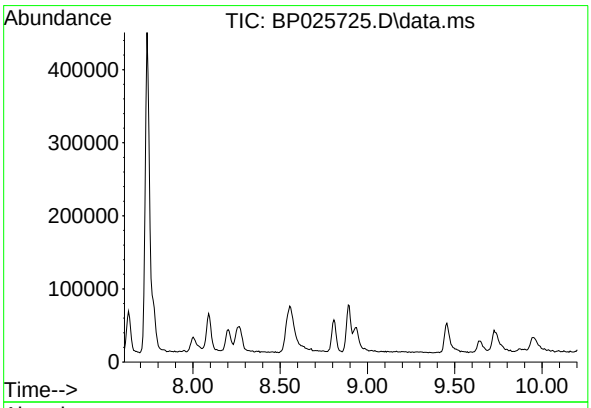
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.4	7.5	11.3
68	6.2	5.0	7.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

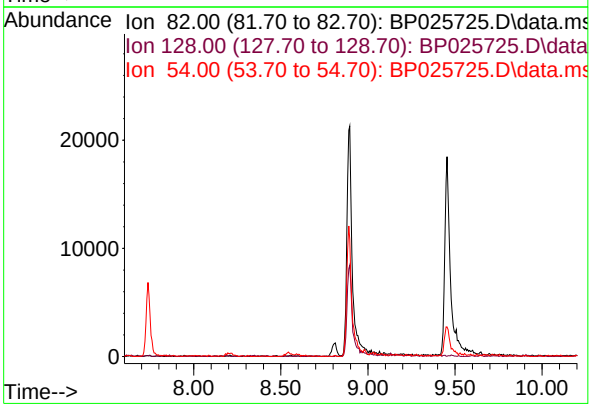


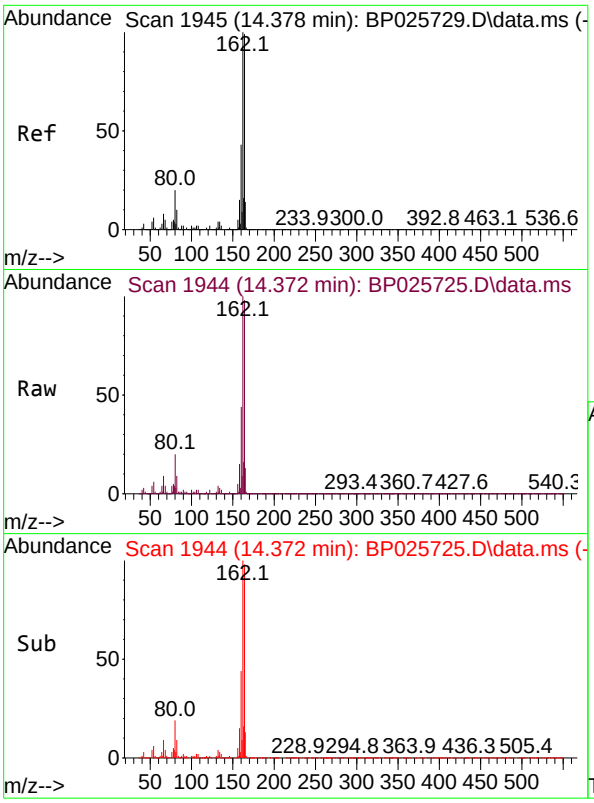
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.90 min

Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	41.1
54	54.3

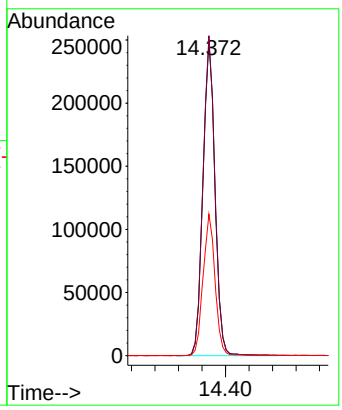




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion:164 Resp: 35428

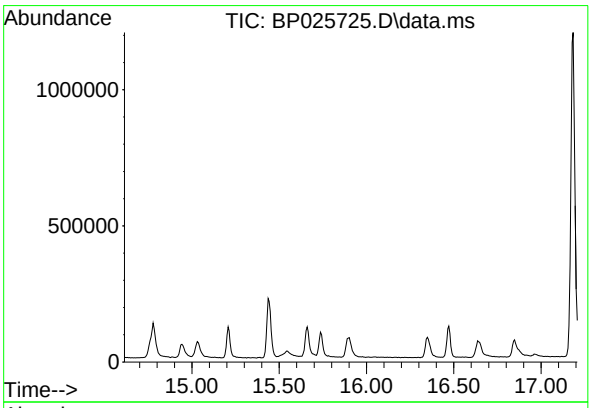
Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	45.0	35.0	52.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

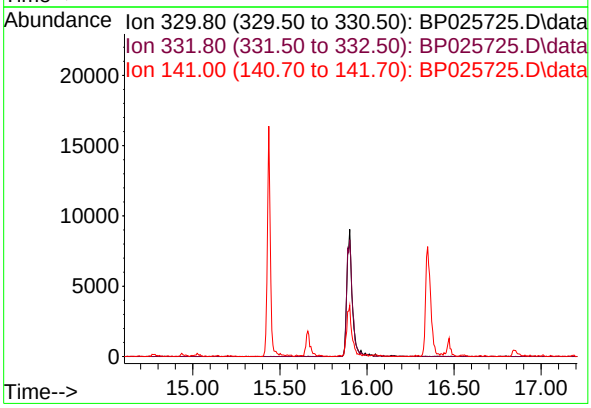


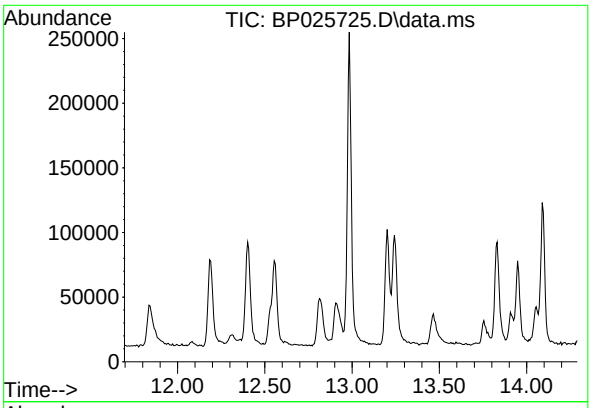
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.91 min

Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.1
141	38.7





#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.99 min

Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

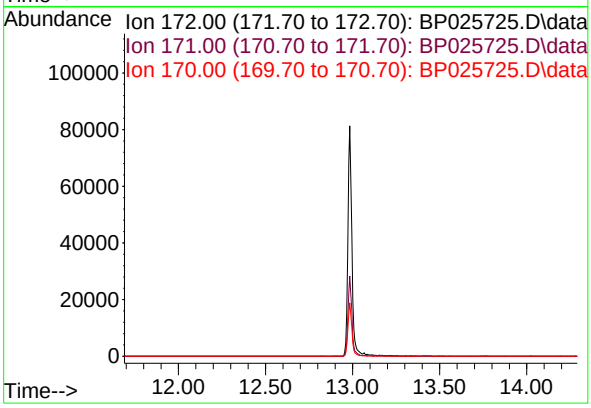
Tgt Ion: 172

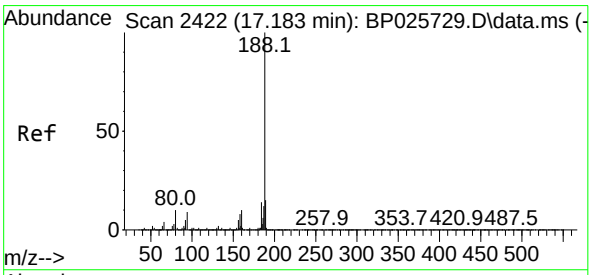
Sig	Exp Ratio
172	100
171	34.7
170	23.2

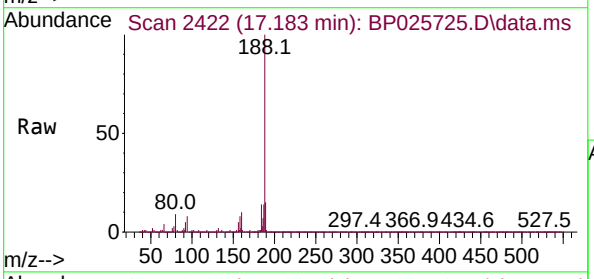
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

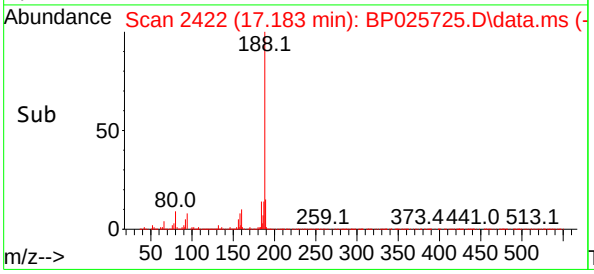
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025





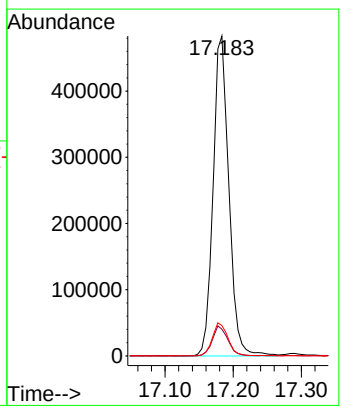


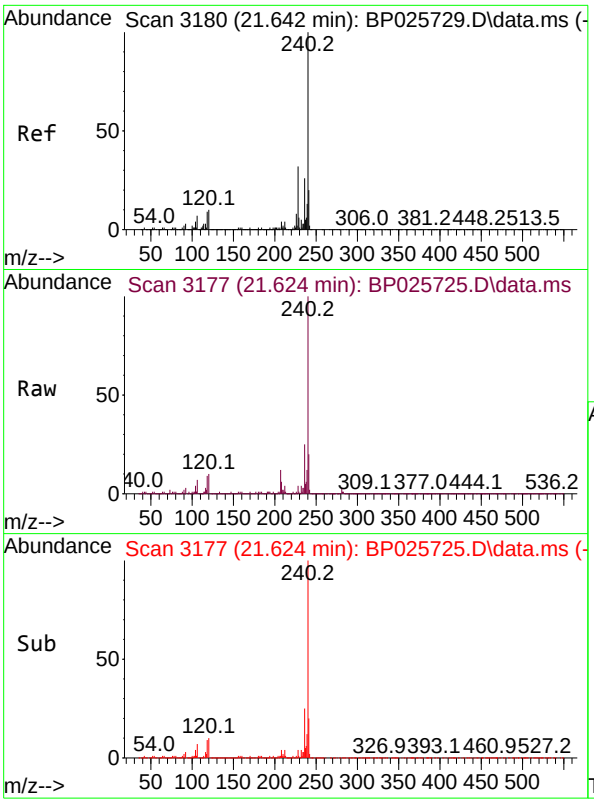


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion:188 Resp: 772731

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.0
80	9.5	7.7	11.5

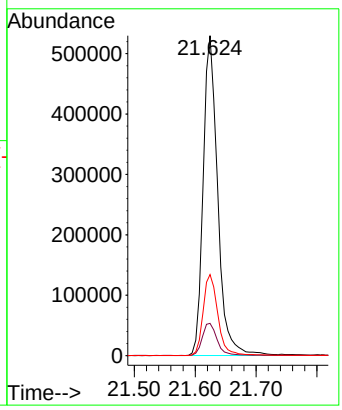




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion:240 Resp: 87843

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.0	12.0
236	25.3	20.7	31.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Manual Integrations
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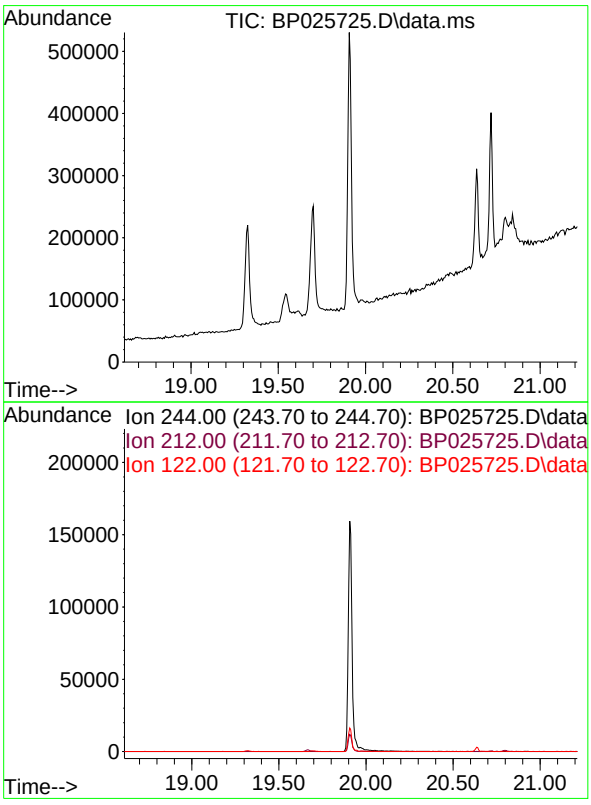
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

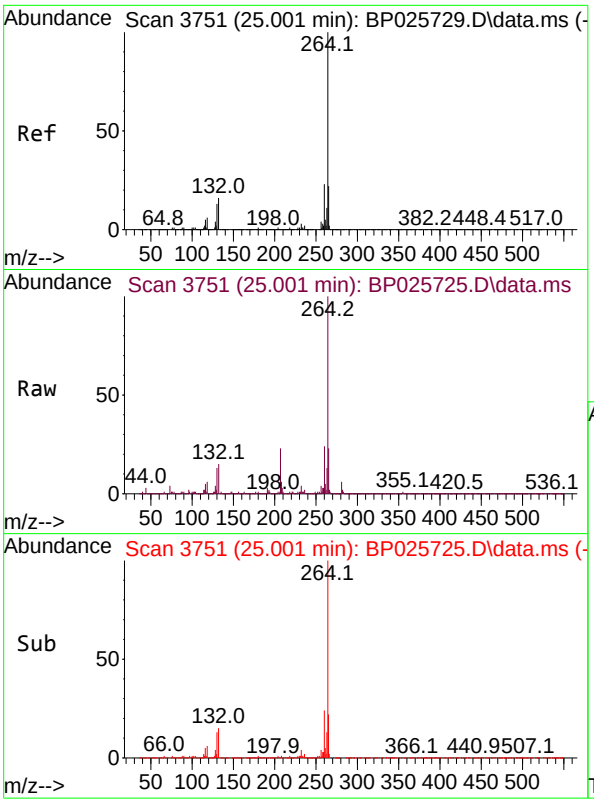


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.91 min

Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion: 244

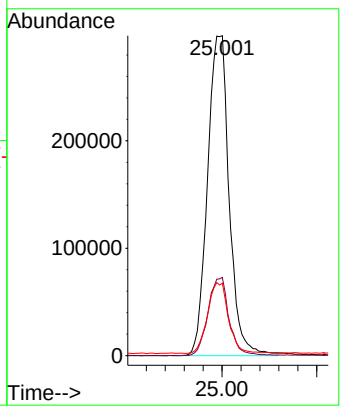
Sig	Exp Ratio
244	100
212	7.4
122	8.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion:264 Resp: 94786

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	22.7	17.3	25.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025726.D
Acq On : 11 Sep 2025 09:37
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 11 16:19:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.760	152	118553	20.000	ng		0.00
21) Naphthalene-d8	10.531	136	483637	20.000	ng		0.00
39) Acenaphthene-d10	14.372	164	340469	20.000	ng		0.00
64) Phenanthrene-d10	17.184	188	730553	20.000	ng		0.00
76) Chrysene-d12	21.630	240	824671	20.000	ng		-0.01
86) Perylene-d12	24.995	264	899115	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	67503	9.187	ng		0.00
7) Phenol-d6	6.949	99	82479	8.446	ng		0.00
23) Nitrobenzene-d5	8.907	82	100673	9.182	ng		0.00
42) 2,4,6-Tribromophenol	15.907	330	38610	9.092	ng		0.00
45) 2-Fluorobiphenyl	12.990	172	266136	10.408	ng		0.00
79) Terphenyl-d14	19.901	244	466997	10.187	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	16745	5.430	ng		98
3) Pyridine	3.714	79	40793	4.804	ng		97
6) Aniline	7.096	93	58671	4.376	ng		96
8) 2-Chlorophenol	7.337	128	36433	4.520	ng		97
10) Phenol	6.978	94	44799	4.350	ng		98
11) bis(2-Chloroethyl)ether	7.184	93	38920	4.704	ng		94
12) 1,3-Dichlorobenzene	7.649	146	45950	5.009	ng		96
13) 1,4-Dichlorobenzene	7.796	146	45935	4.916	ng		99
14) 1,2-Dichlorobenzene	8.113	146	45308	4.991	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	66422	4.909	ng		94
17) 2-Methylphenol	8.208	107	28845	4.155	ng		97
18) Hexachloroethane	8.825	117	17883	5.010	ng		98
19) n-Nitroso-di-n-propyla...	8.555	70	30598	4.546	ng		100
22) Acetophenone	8.578	105	57314	4.434	ng	#	96
24) Nitrobenzene	8.949	77	44286	4.502	ng		98
25) Isophorone	9.466	82	89058	4.621	ng		98
26) 2-Nitrophenol	9.660	139	17076	3.910	ng		92
27) 2,4-Dimethylphenol	9.731	122	31764	4.146	ng		99
28) bis(2-Chloroethoxy)met...	9.954	93	50074	4.495	ng		96
29) 2,4-Dichlorophenol	10.219	162	32238	4.220	ng		92
30) 1,2,4-Trichlorobenzene	10.396	180	42918	4.985	ng		96
31) Naphthalene	10.584	128	129655	4.972	ng		100
33) 4-Chloroaniline	10.707	127	41517	3.820	ng		96
34) Hexachlorobutadiene	10.866	225	27333	4.932	ng		94
36) 4-Chloro-3-methylphenol	11.837	107	39611	4.350	ng		97
37) 2-Methylnaphthalene	12.190	142	80091	4.782	ng		98
38) 1-Methylnaphthalene	12.407	142	87800	4.916	ng		97
40) 1,2,4,5-Tetrachloroben...	12.566	216	50181	4.864	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	28904	4.262	ng		95
44) 2,4,5-Trichlorophenol	12.901	196	31943	4.232	ng		96
46) 1,1'-Biphenyl	13.201	154	124080	4.965	ng		97
47) 2-Chloronaphthalene	13.248	162	97044	4.932	ng		96
48) 2-Nitroaniline	13.460	65	26322	4.013	ng		95
49) Acenaphthylene	14.095	152	159767	4.900	ng		99
50) Dimethylphthalate	13.831	163	131492	5.059	ng		99
51) 2,6-Dinitrotoluene	13.948	165	24324	4.417	ng	#	81

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025726.D
Acq On : 11 Sep 2025 09:37
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Sep 11 16:19:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.437	154	96066	5.109	ng		97
53) 3-Nitroaniline	14.301	138	22660	3.913	ng		94
55) Dibenzofuran	14.784	168	156097	5.094	ng		99
57) 2,4-Dinitrotoluene	14.748	165	32480	4.144	ng		90
58) Fluorene	15.442	166	126434	5.189	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.025	232	30771	4.525	ng		96
60) Diethylphthalate	15.213	149	133865	5.077	ng		98
61) 4-Chlorophenyl-phenyle...	15.437	204	64305	5.236	ng		96
62) 4-Nitroaniline	15.489	138	21996m	3.710	ng		
63) Azobenzene	15.737	77	120979	4.745	ng		97
66) n-Nitrosodiphenylamine	15.660	169	108999	4.875	ng		98
67) 4-Bromophenyl-phenylether	16.354	248	38933	4.851	ng		99
68) Hexachlorobenzene	16.472	284	44390	4.960	ng		98
69) Atrazine	16.642	200	39255	4.593	ng		96
71) Phenanthrene	17.225	178	212489	5.127	ng		99
72) Anthracene	17.325	178	204585	4.866	ng		99
73) Carbazole	17.619	167	181532	4.644	ng		99
74) Di-n-butylphthalate	18.195	149	225100	4.692	ng		100
75) Fluoranthene	19.319	202	253297	5.096	ng		100
78) Pyrene	19.701	202	269369	4.895	ng		99
80) Butylbenzylphthalate	20.630	149	107059	4.437	ng		99
81) Benzo(a)anthracene	21.607	228	277557	4.916	ng		99
83) Chrysene	21.683	228	271250	5.040	ng		99
84) Bis(2-ethylhexyl)phtha...	21.542	149	164937	4.673	ng		100
87) Indeno(1,2,3-cd)pyrene	28.801	276	301229	4.607	ng	#	89
88) Benzo(b)fluoranthene	23.913	252	252672	4.595	ng		98
89) Benzo(k)fluoranthene	23.983	252	275940	4.918	ng		100
90) Benzo(a)pyrene	24.824	252	254148	4.720	ng		98
91) Dibenzo(a,h)anthracene	28.877	278	250801	4.687	ng		98
92) Benzo(g,h,i)perylene	29.983	276	245079	4.657	ng		97

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

ICAL Form

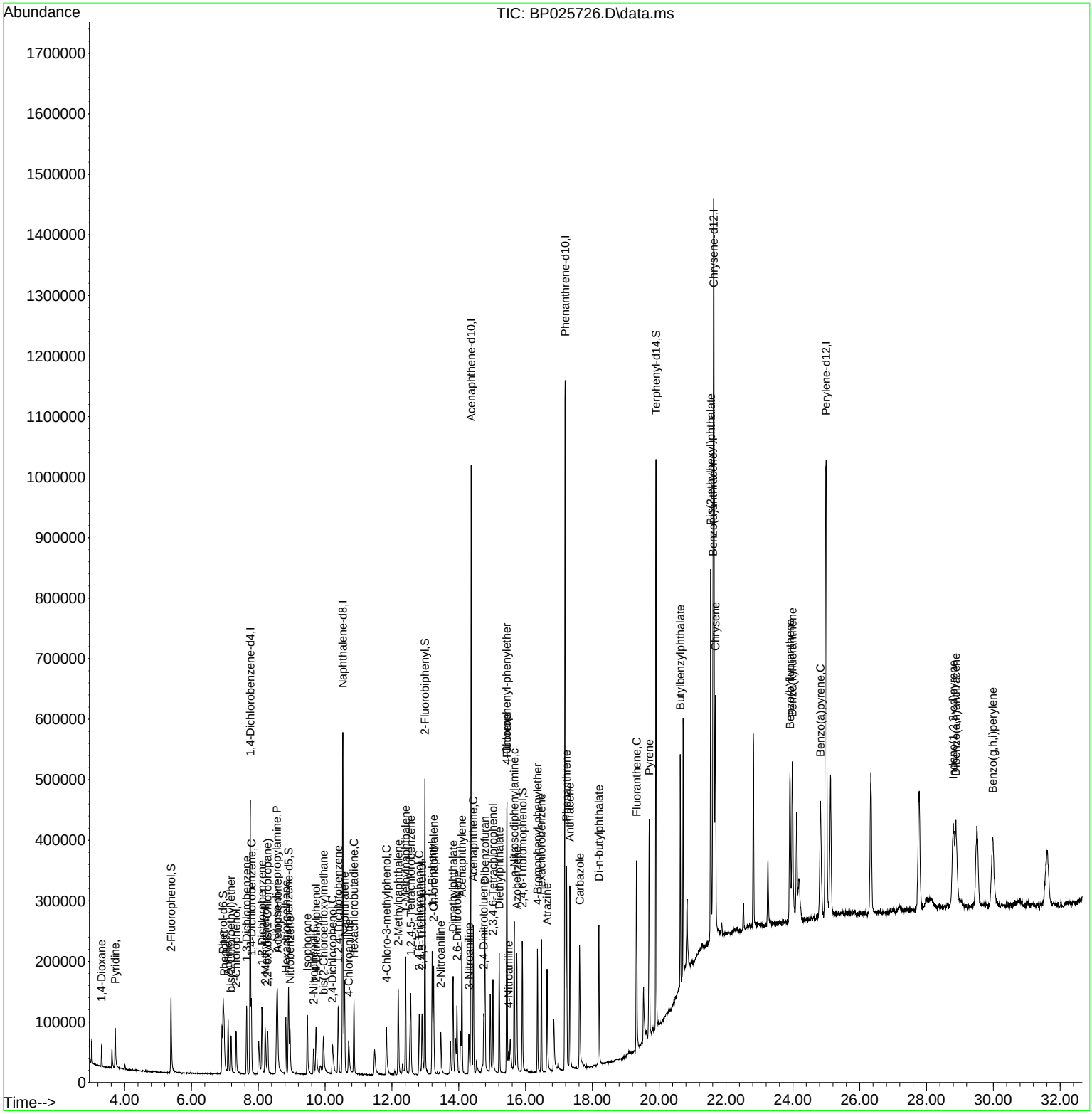
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025726.D
Acq On : 11 Sep 2025 09:37
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

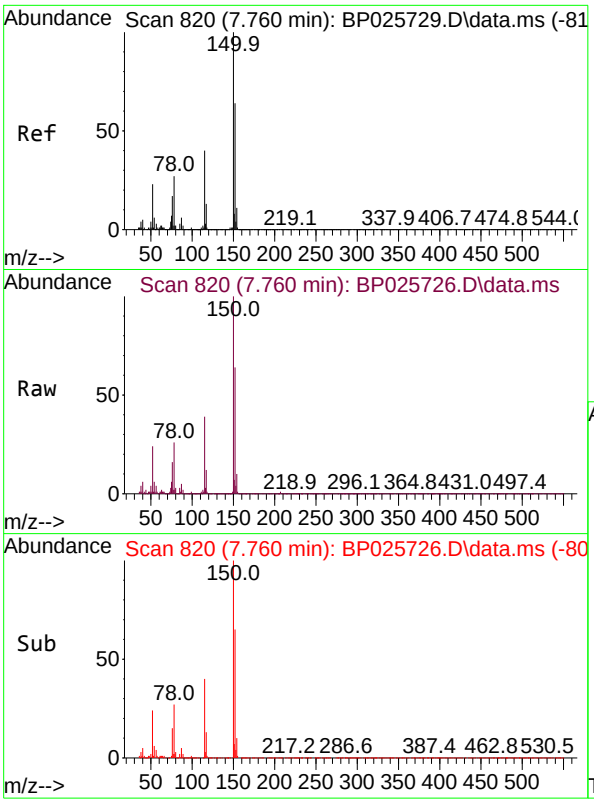
Quant Time: Sep 11 16:19:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

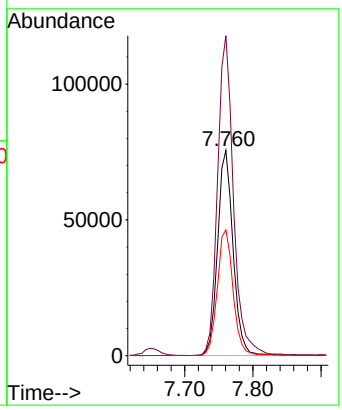




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.760 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:152 Resp: 11855

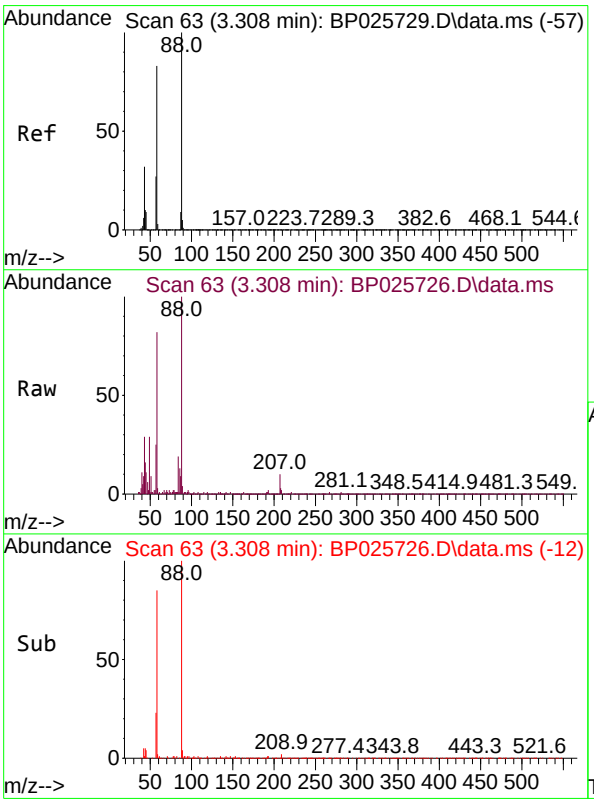
Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.3	186.5
115	61.4	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

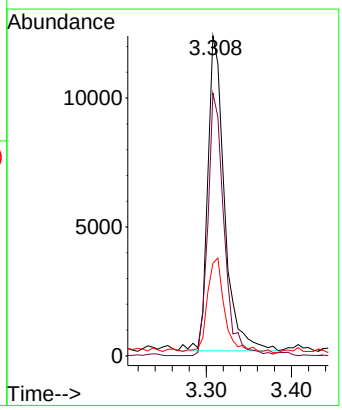
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

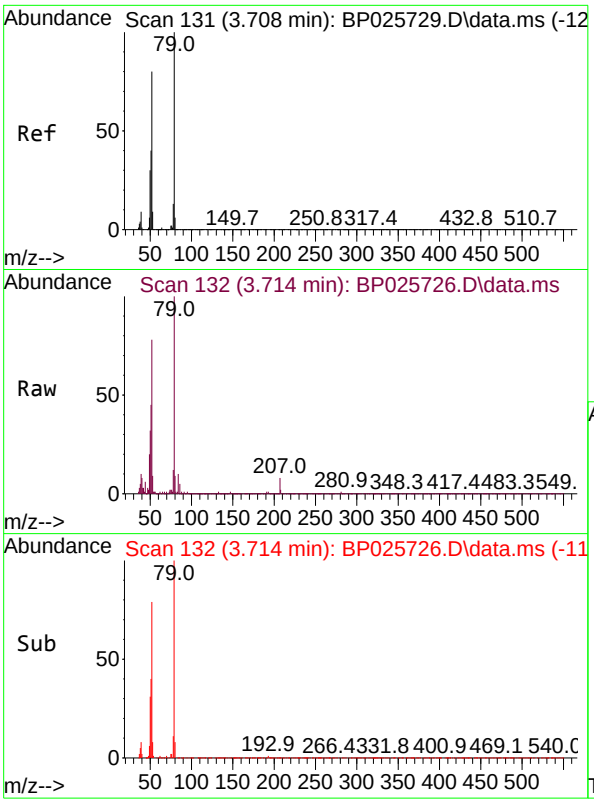


#2
1,4-Dioxane
Concen: 5.430 ng
RT: 3.308 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 88 Resp: 16745

Ion	Ratio	Lower	Upper
88	100		
58	79.8	65.5	98.3
43	31.5	25.2	37.8

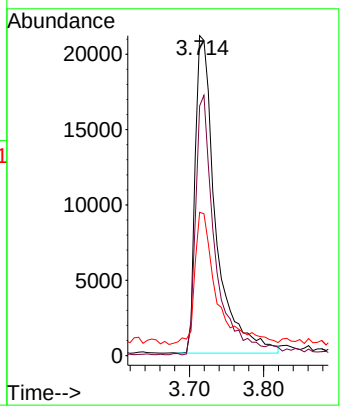




#3
Pyridine
Concen: 4.804 ng
RT: 3.714 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 79 Resp: 4079

Ion	Ratio	Lower	Upper
79	100		
52	78.0	63.7	95.5
51	44.8	32.4	48.6



Instrument :
BNA_P
ClientSampleId :
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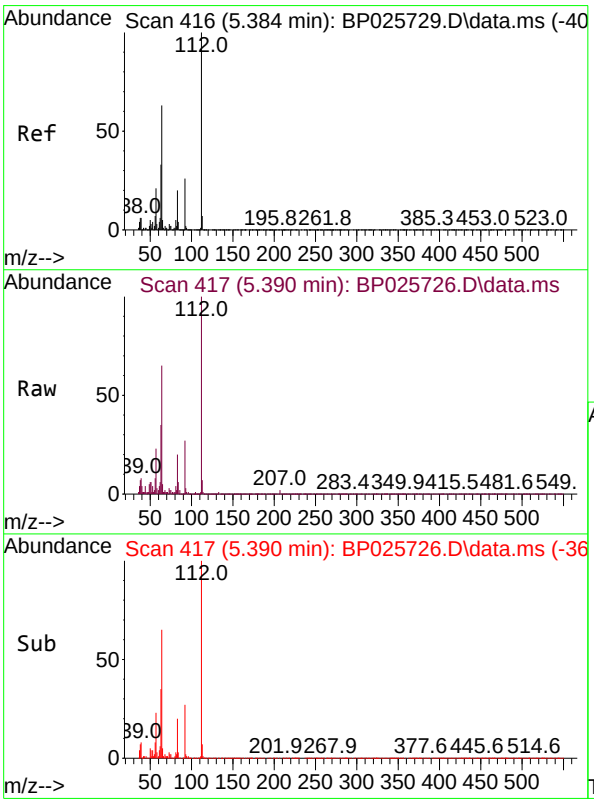
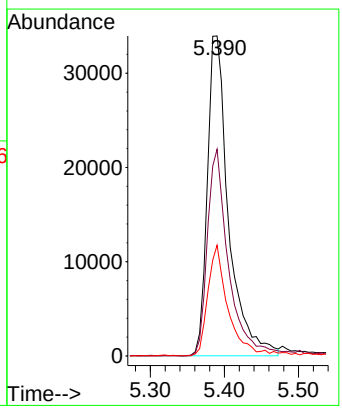
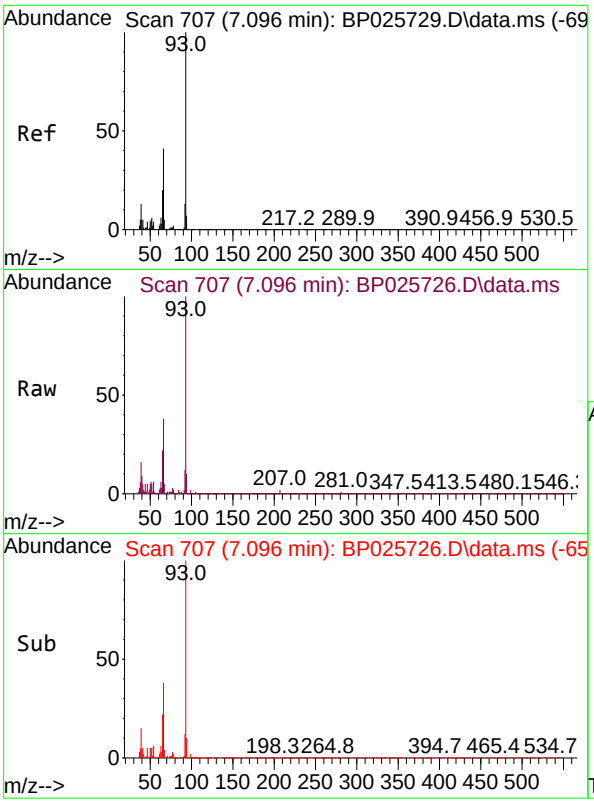


#5
2-Fluorophenol
Concen: 9.187 ng
RT: 5.390 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:112 Resp: 67503

Ion	Ratio	Lower	Upper
112	100		
64	64.6	50.2	75.4
63	34.6	26.7	40.1

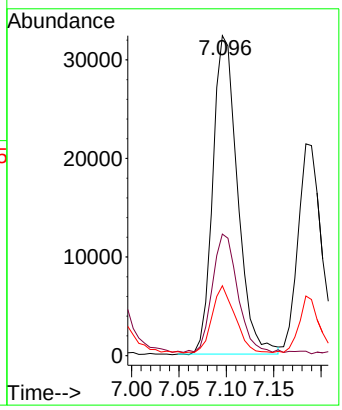




#6
Aniline
Concen: 4.376 ng
RT: 7.096 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 93 Resp: 5867

Ion	Ratio	Lower	Upper
93	100		
66	38.0	32.6	49.0
65	21.8	16.2	24.2



Instrument :
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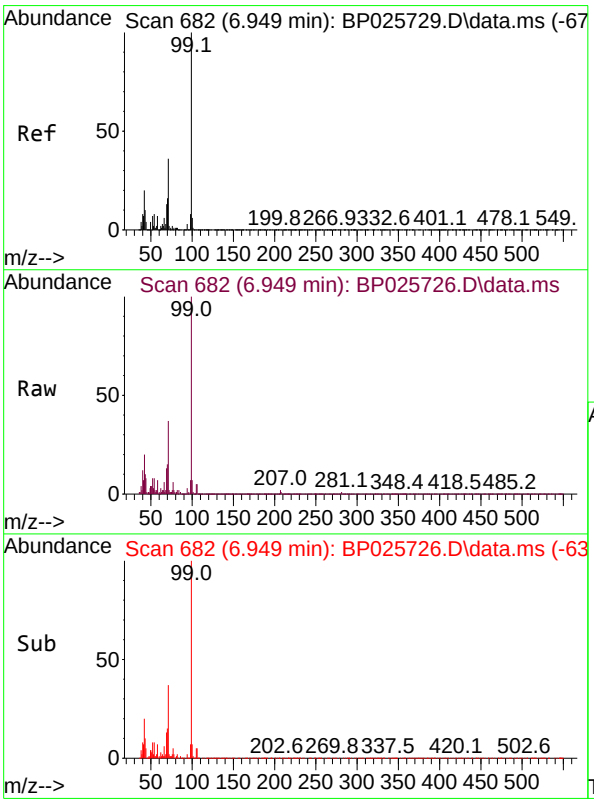
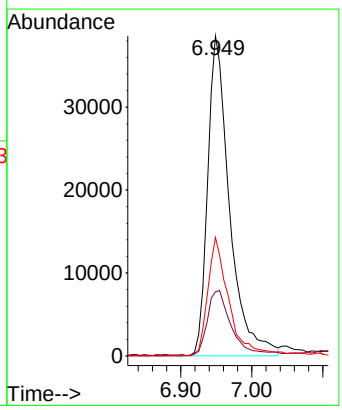
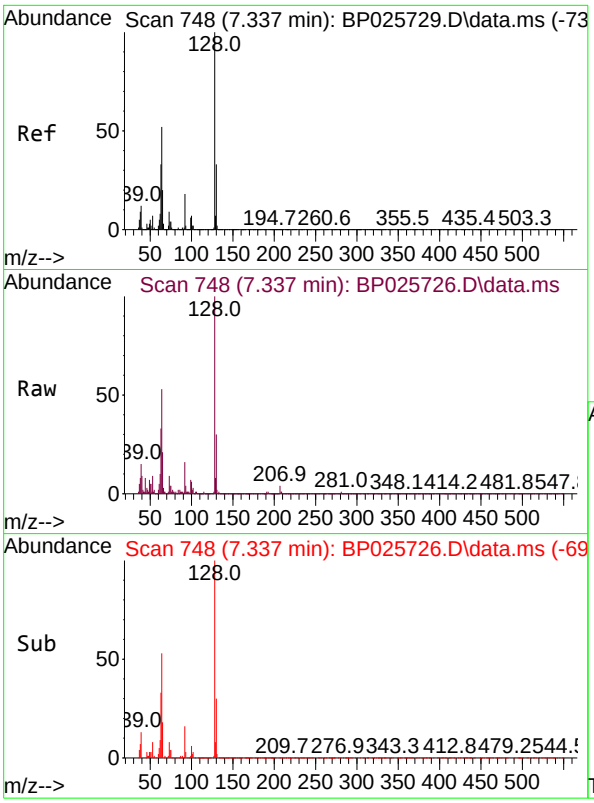


#7
Phenol-d6
Concen: 8.446 ng
RT: 6.949 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 99 Resp: 82479

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.6	23.4
71	37.0	28.6	43.0

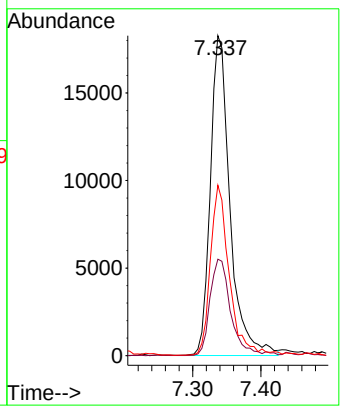




#8
2-Chlorophenol
Concen: 4.520 ng
RT: 7.337 min Scan# 74
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:128 Resp: 3643

Ion	Ratio	Lower	Upper
128	100		
130	30.1	12.6	52.6
64	53.2	31.6	71.6



Instrument :
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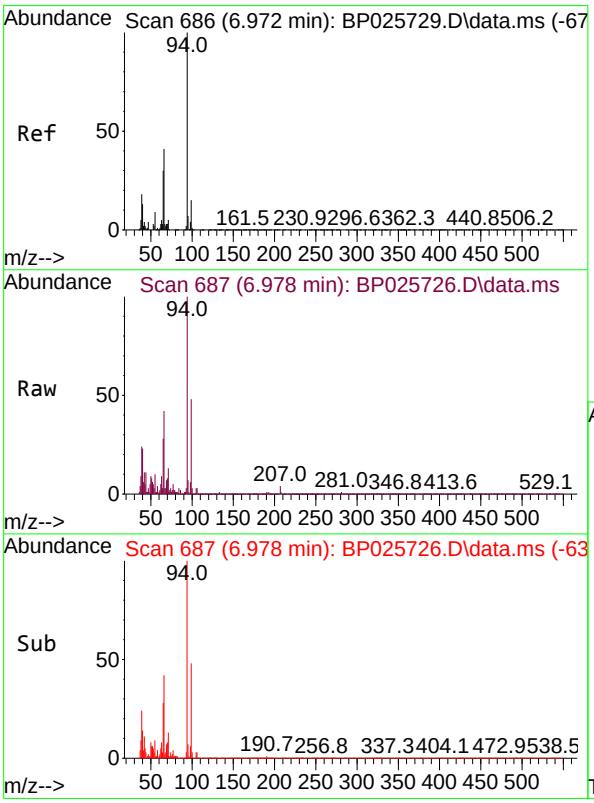
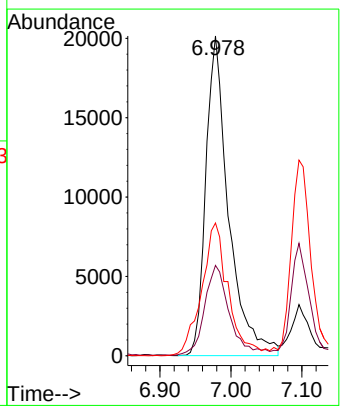
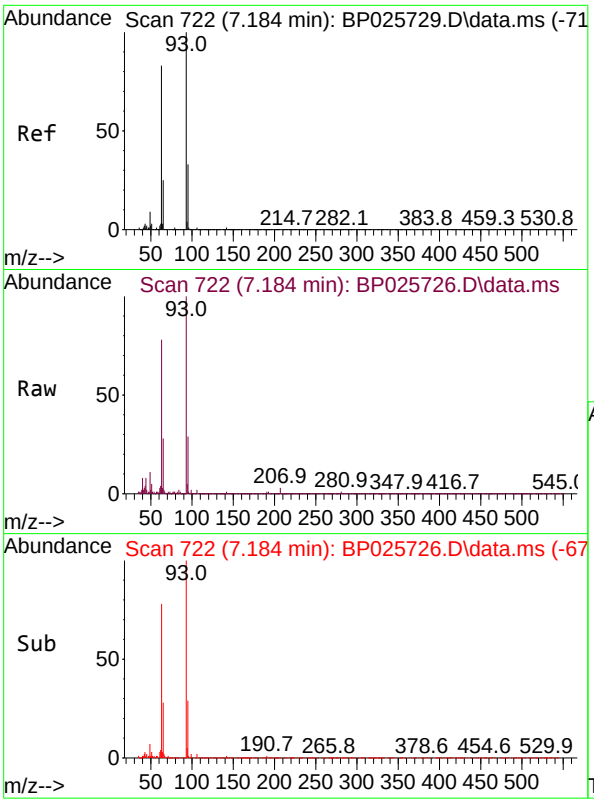


#10
Phenol
Concen: 4.350 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 94 Resp: 44799

Ion	Ratio	Lower	Upper
94	100		
65	28.3	10.2	50.2
66	41.5	21.4	61.4

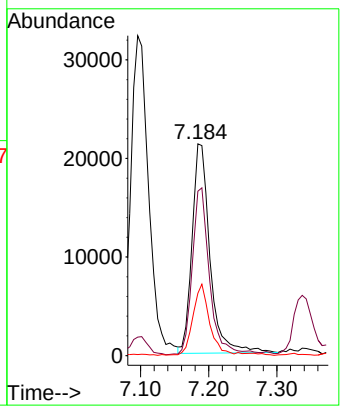




#11
bis(2-Chloroethyl)ether
Concen: 4.704 ng
RT: 7.184 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 93 Resp: 3892

Ion	Ratio	Lower	Upper
93	100		
63	77.6	62.6	102.6
95	29.4	13.2	53.2



Instrument :
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ClientSampleId :
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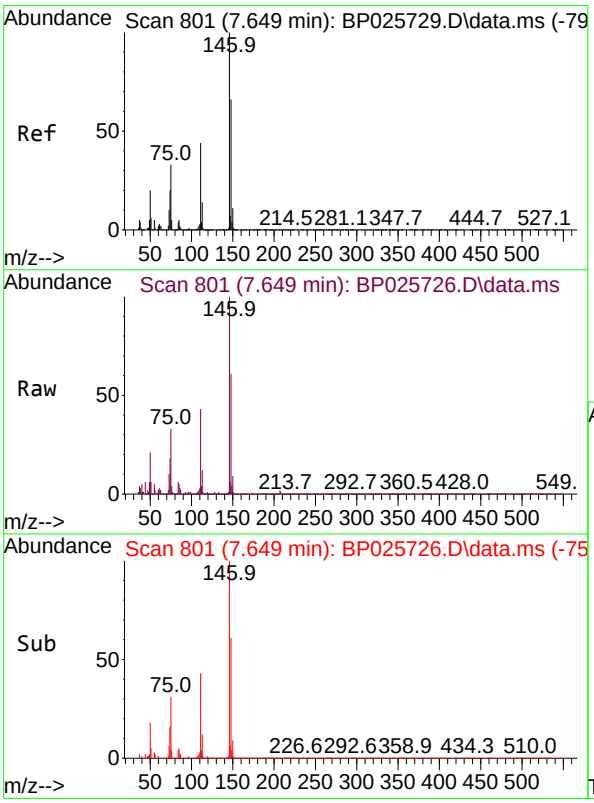
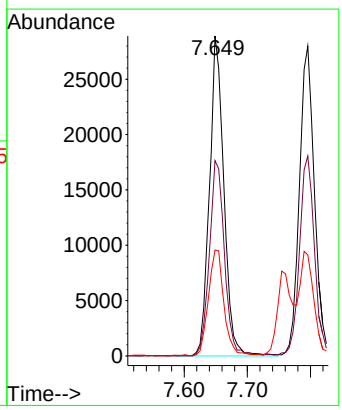
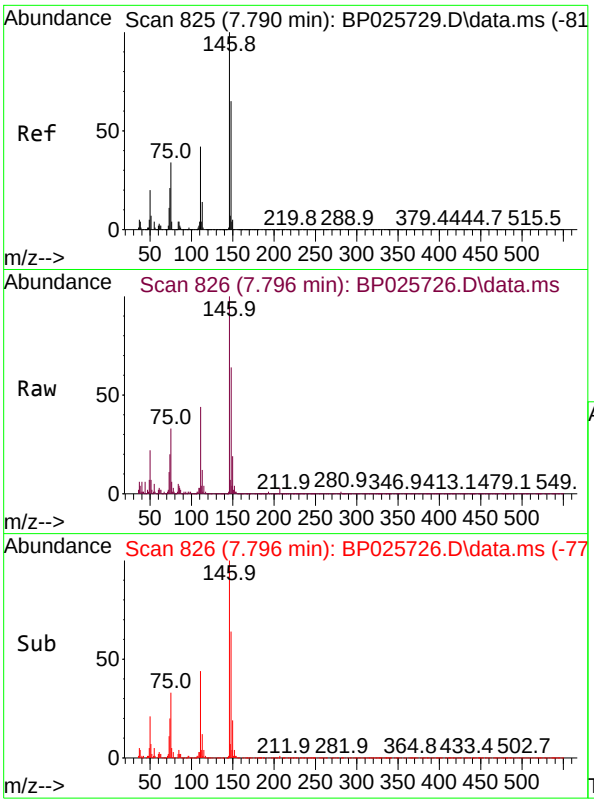


#12
1,3-Dichlorobenzene
Concen: 5.009 ng
RT: 7.649 min Scan# 801
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:146 Resp: 45950

Ion	Ratio	Lower	Upper
146	100		
148	61.0	52.7	79.1
75	33.1	26.4	39.6

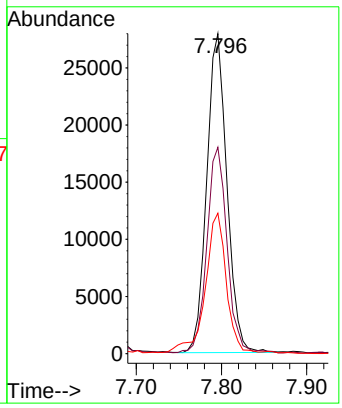




#13
1,4-Dichlorobenzene
Concen: 4.916 ng
RT: 7.796 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:146 Resp: 4593

Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.0	78.0
111	43.9	33.9	50.9



Instrument :
BNA_P
ClientSampleId :
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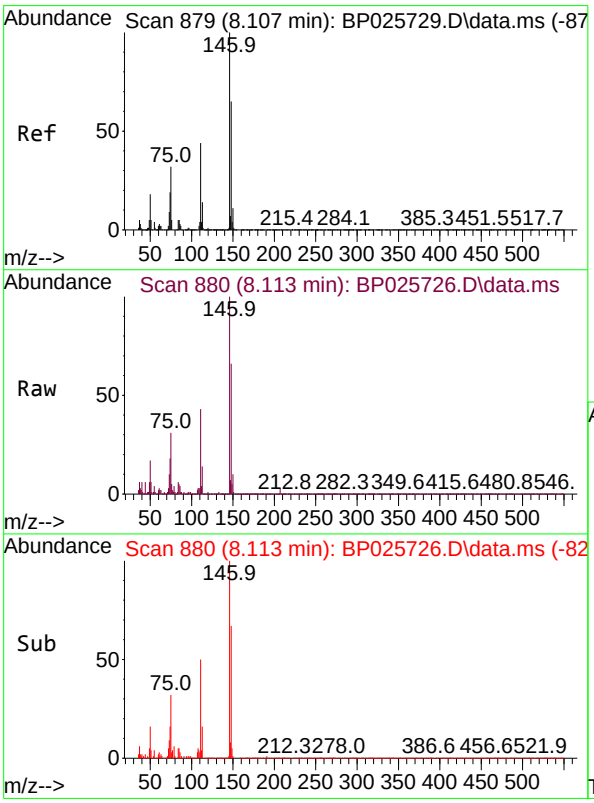
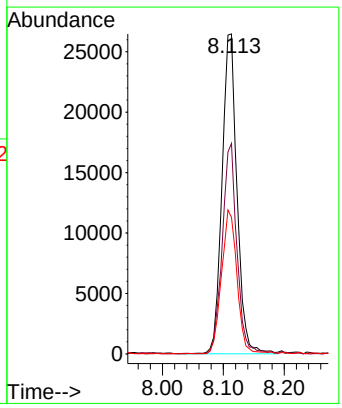
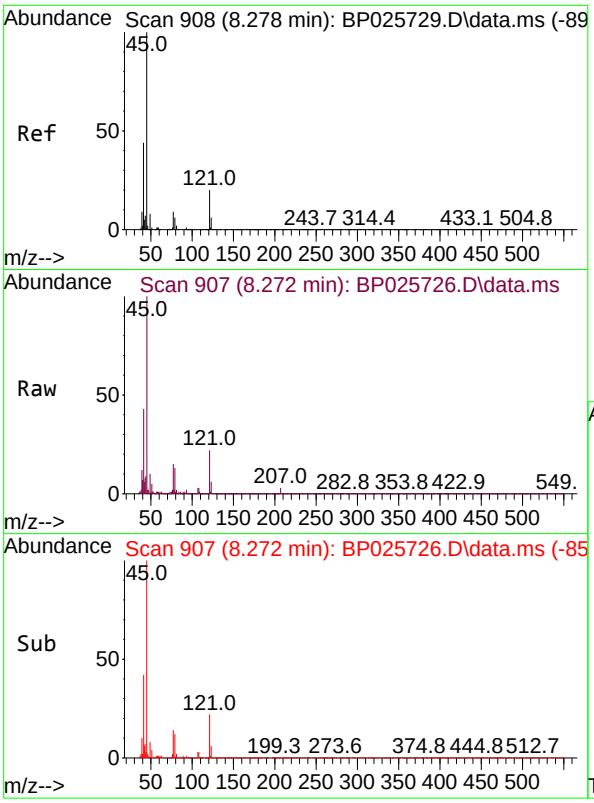


#14
1,2-Dichlorobenzene
Concen: 4.991 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:146 Resp: 45308

Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.7	77.5
111	42.7	35.5	53.3

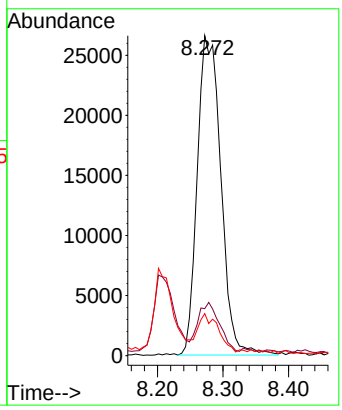




#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.909 ng
RT: 8.272 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 45 Resp: 6642

Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	33.1
79	13.1	0.0	30.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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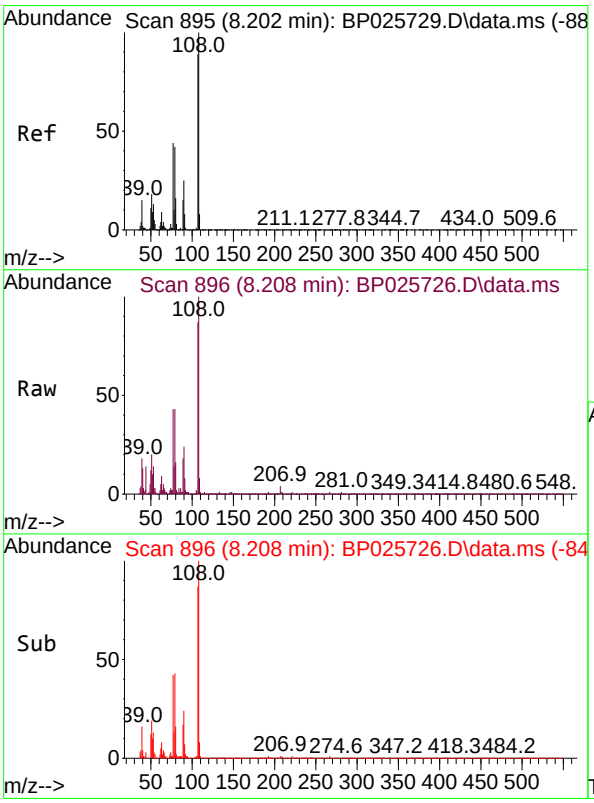
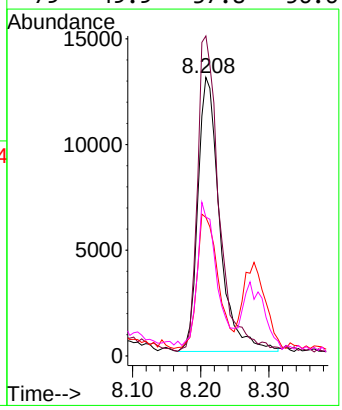
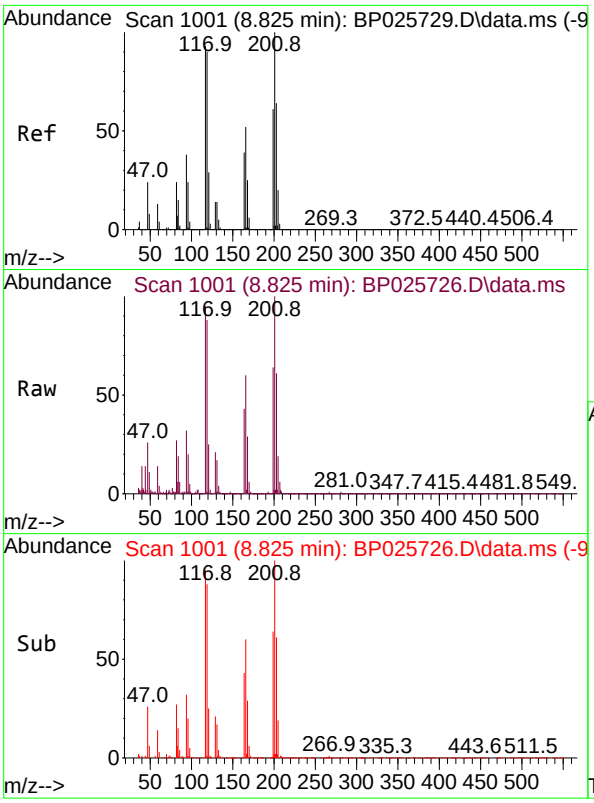


#17
2-Methylphenol
Concen: 4.155 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:107 Resp: 28845

Ion	Ratio	Lower	Upper
107	100		
108	114.9	89.6	134.4
77	49.7	39.3	58.9
79	49.9	37.8	56.6

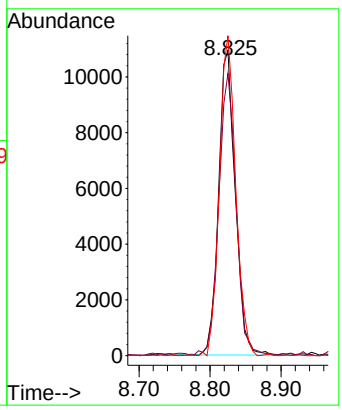




#18
Hexachloroethane
Concen: 5.010 ng
RT: 8.825 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:117 Resp: 1788

Ion	Ratio	Lower	Upper
117	100		
119	92.4	77.1	115.7
201	106.9	85.6	128.4



Instrument :
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ClientSampleId :
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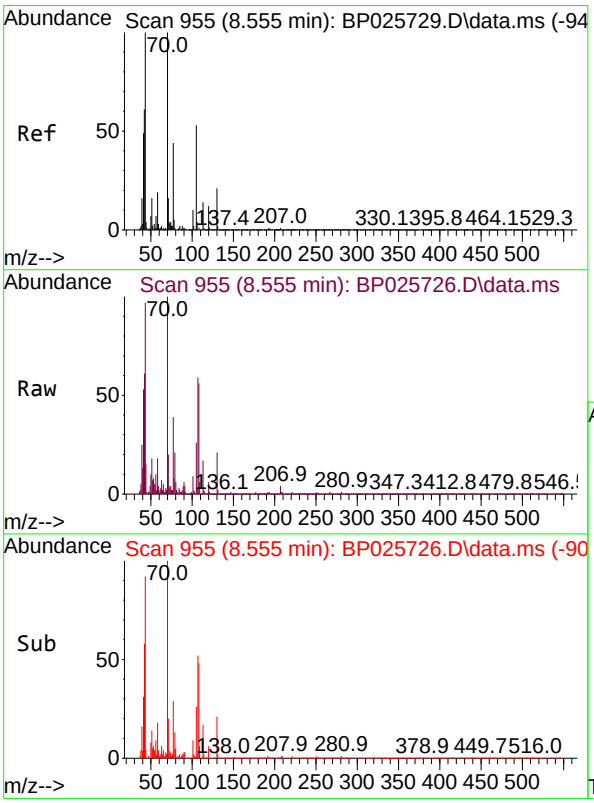
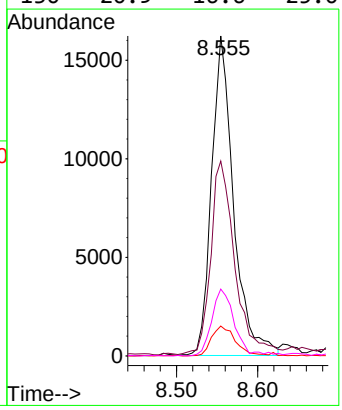
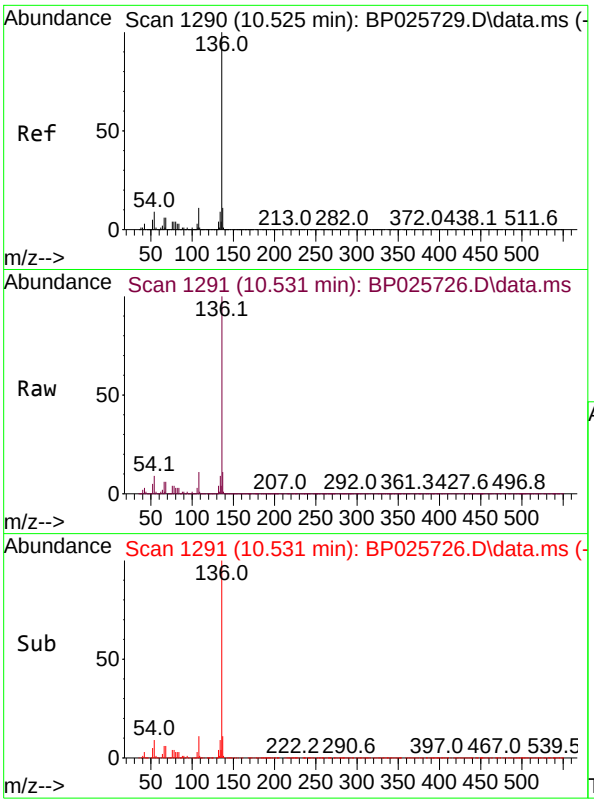


#19
n-Nitroso-di-n-propylamine
Concen: 4.546 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 70 Resp: 30598

Ion	Ratio	Lower	Upper
70	100		
42	60.9	49.0	73.4
101	9.3	7.9	11.9
130	20.9	16.6	25.0

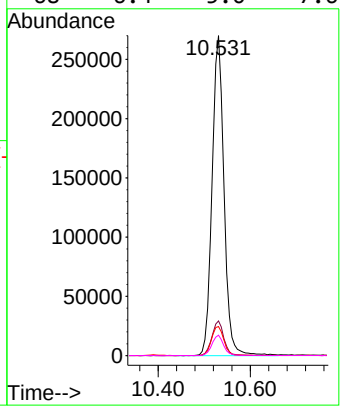




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.531 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:136 Resp: 48363

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.1	7.5	11.3
68	6.4	5.0	7.6



Instrument :
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ClientSampleId :
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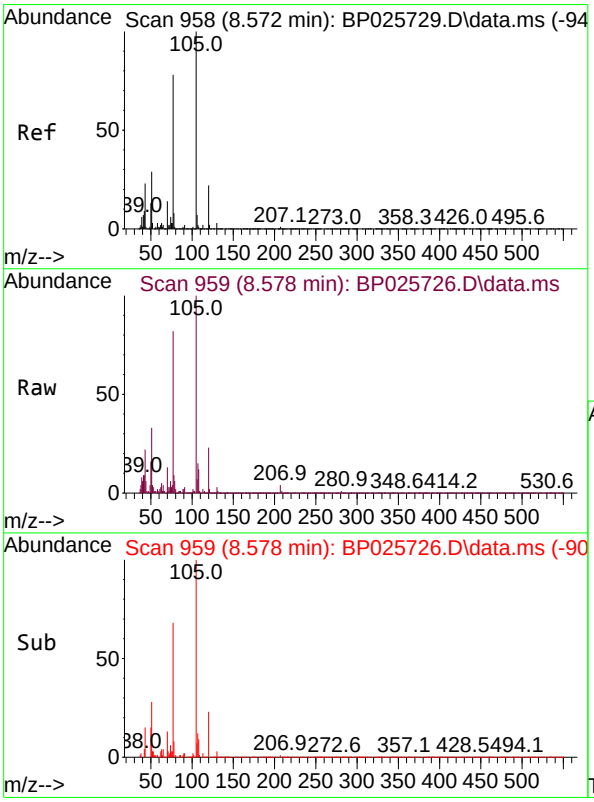
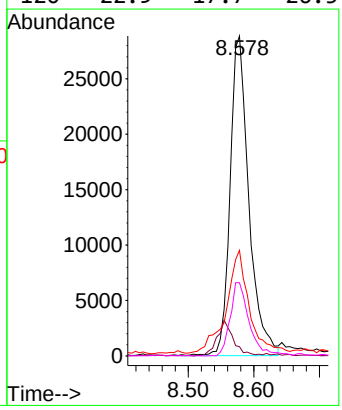
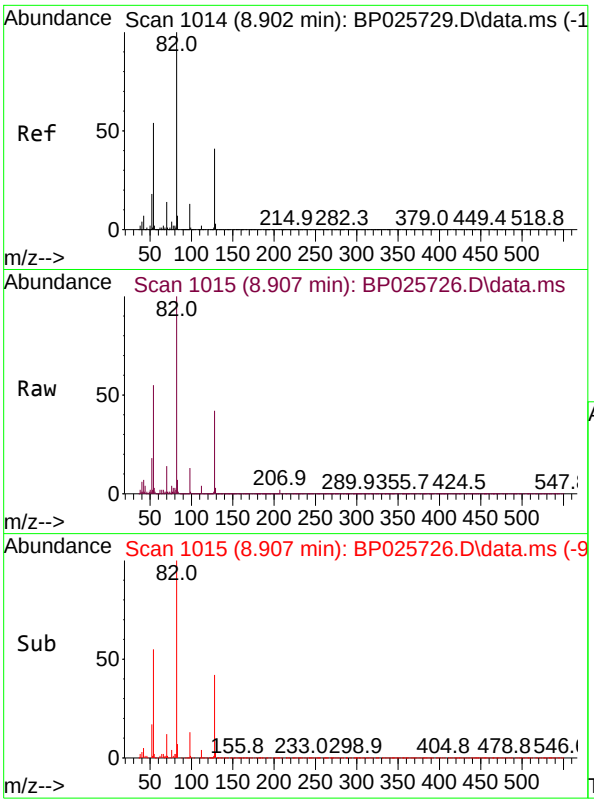


#22
Acetophenone
Concen: 4.434 ng
RT: 8.578 min Scan# 959
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:105 Resp: 57314

Ion	Ratio	Lower	Upper
105	100		
71	2.9	1.8	2.8#
51	33.0	23.5	35.3
120	22.9	17.7	26.5

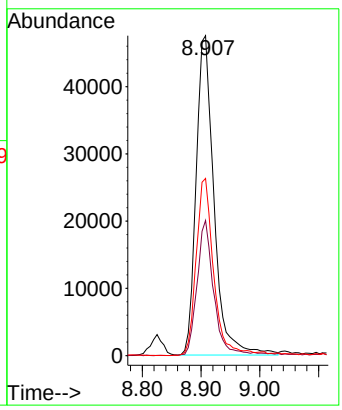




#23
Nitrobenzene-d5
Concen: 9.182 ng
RT: 8.907 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 82 Resp: 10067

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.9	49.3
54	55.4	43.4	65.2



Instrument :
BNA_P
ClientSampleId :
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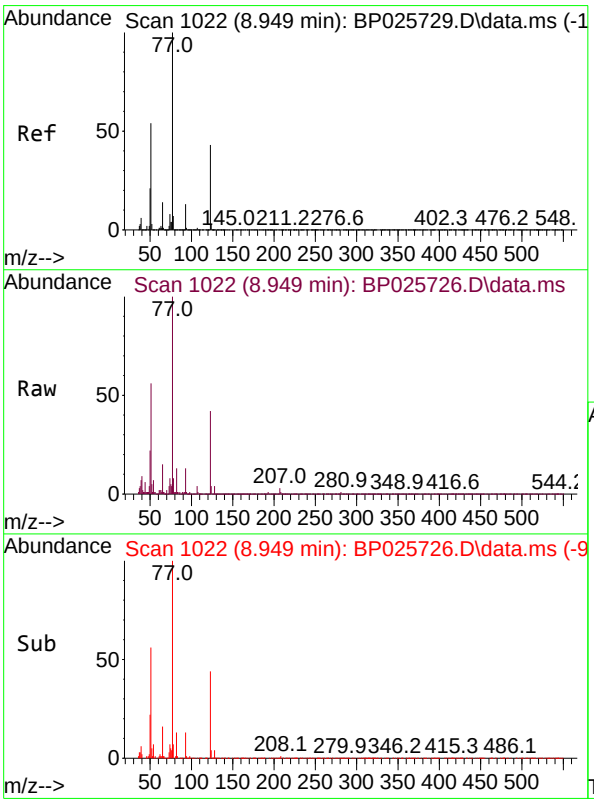
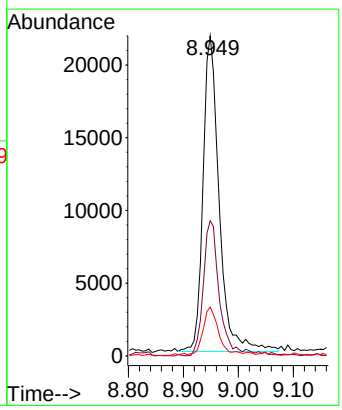
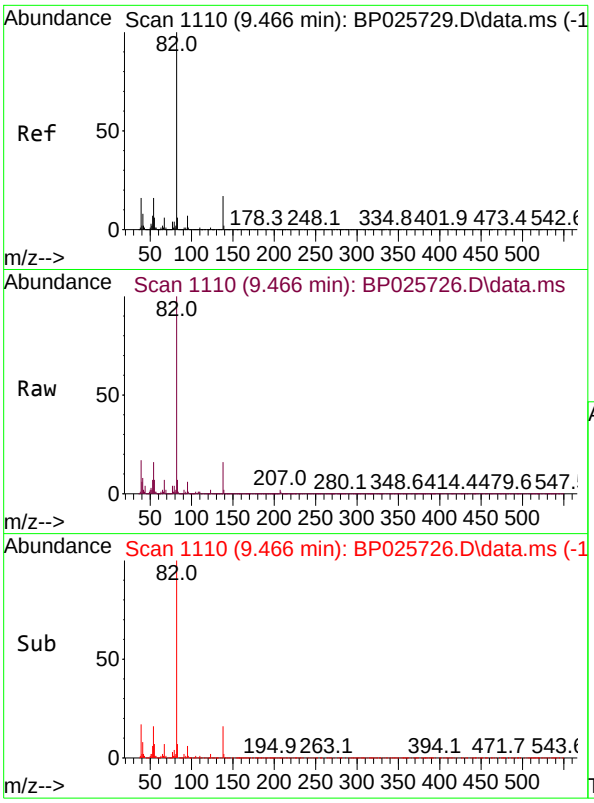


#24
Nitrobenzene
Concen: 4.502 ng
RT: 8.949 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 77 Resp: 44286

Ion	Ratio	Lower	Upper
77	100		
123	42.2	34.4	51.6
65	15.2	10.8	16.2

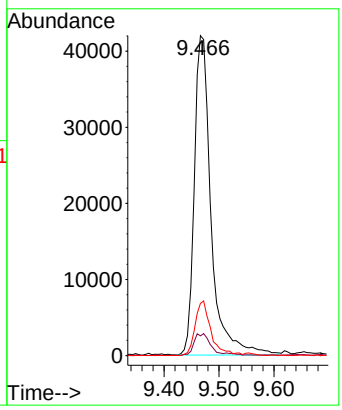




#25
Isophorone
Concen: 4.621 ng
RT: 9.466 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 82 Resp: 8905

Ion	Ratio	Lower	Upper
82	100		
95	6.2	5.8	8.8
138	16.3	13.5	20.3



Instrument :
BNA_P
ClientSampleId :
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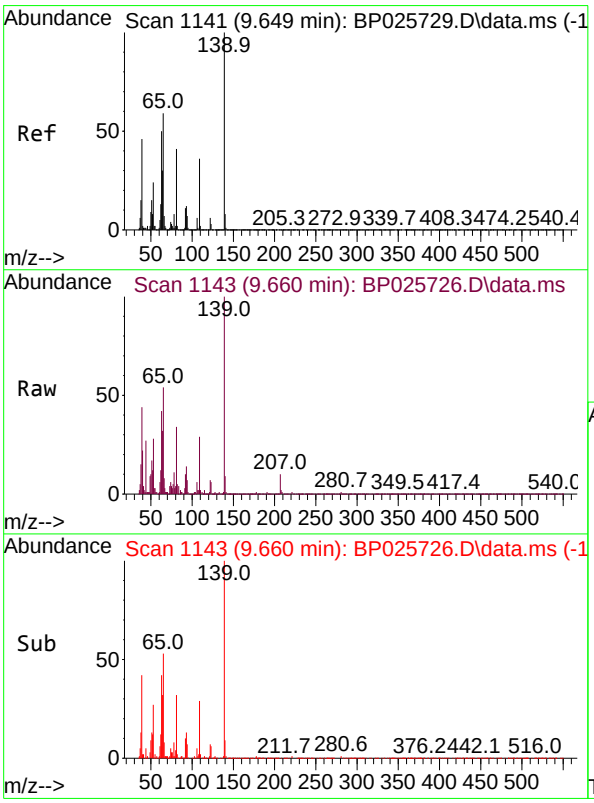
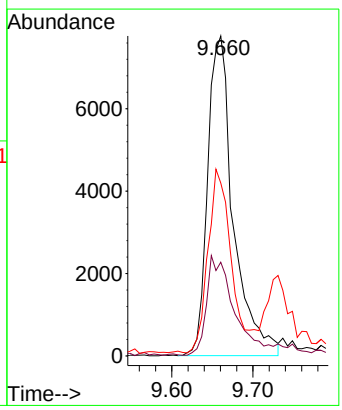
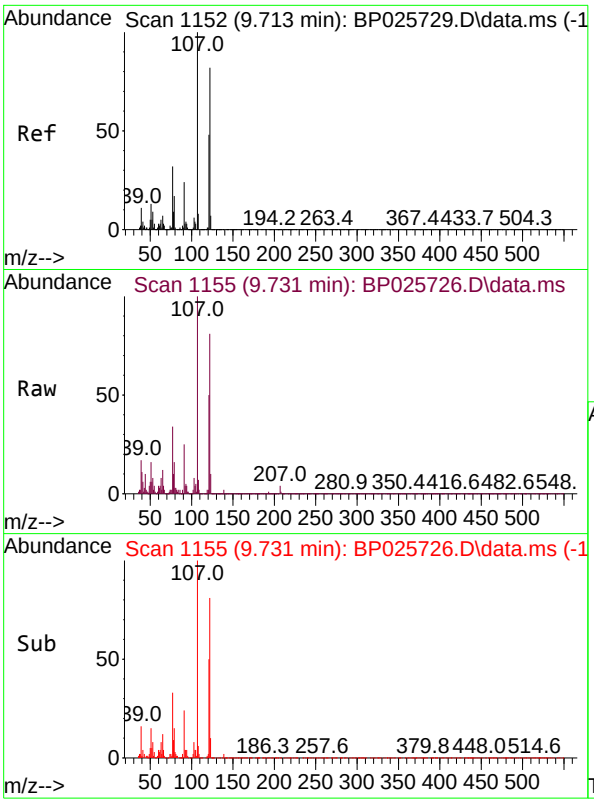


#26
2-Nitrophenol
Concen: 3.910 ng
RT: 9.660 min Scan# 1143
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:139 Resp: 17076

Ion	Ratio	Lower	Upper
139	100		
109	29.3	29.0	43.4
65	54.0	46.9	70.3

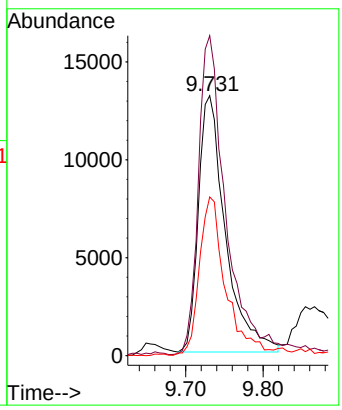




#27
2,4-Dimethylphenol
Concen: 4.146 ng
RT: 9.731 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:122 Resp: 3176

Ion	Ratio	Lower	Upper
122	100		
107	123.1	97.9	146.9
121	61.0	47.4	71.0



Instrument :
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ClientSampleId :
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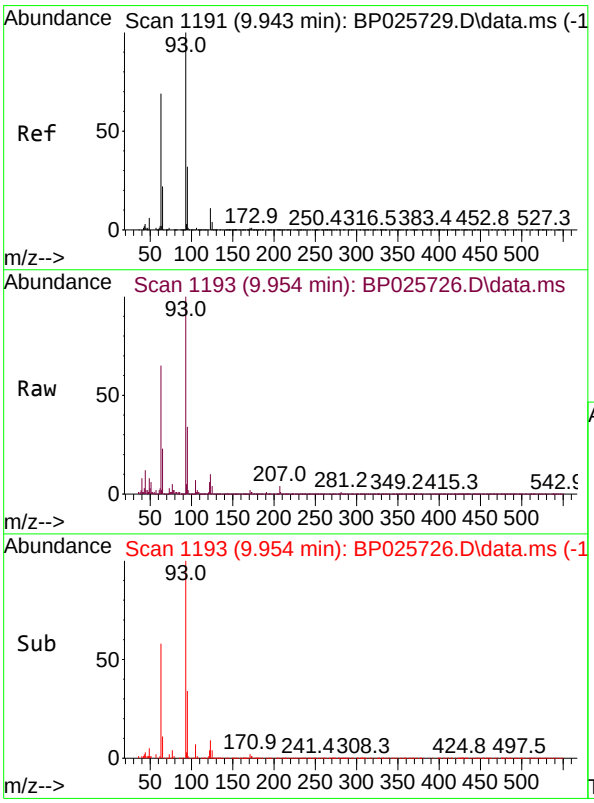
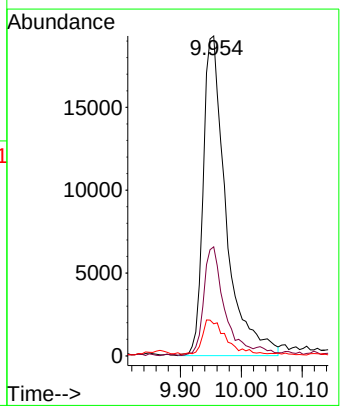
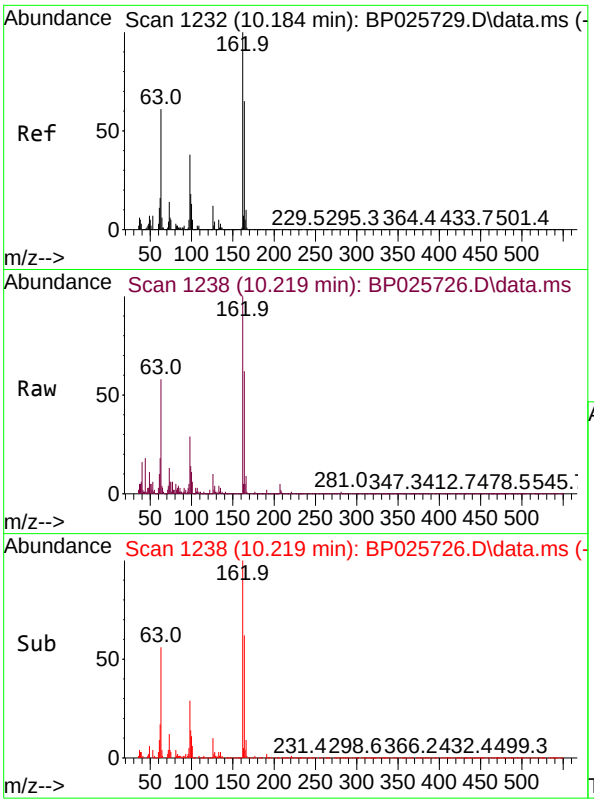


#28
bis(2-Chloroethoxy)methane
Concen: 4.495 ng
RT: 9.954 min Scan# 1193
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 93 Resp: 50074

Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.6	38.4
123	10.0	9.2	13.8

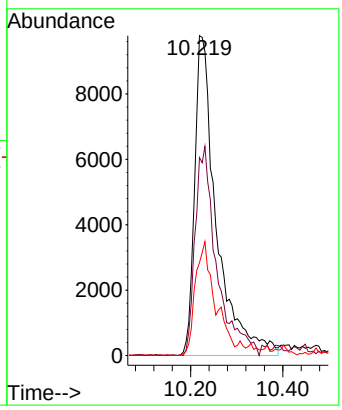




#29
2,4-Dichlorophenol
Concen: 4.220 ng
RT: 10.219 min Scan# 1
Delta R.T. 0.035 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:162 Resp: 3223

Ion	Ratio	Lower	Upper
162	100		
164	61.9	44.7	84.7
98	29.0	18.1	58.1



Instrument :
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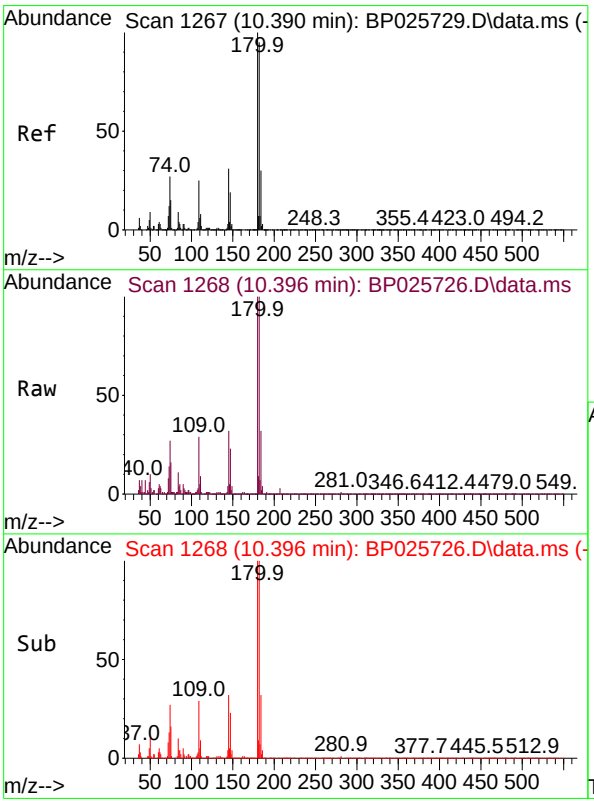
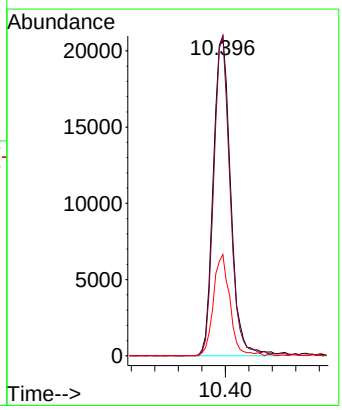
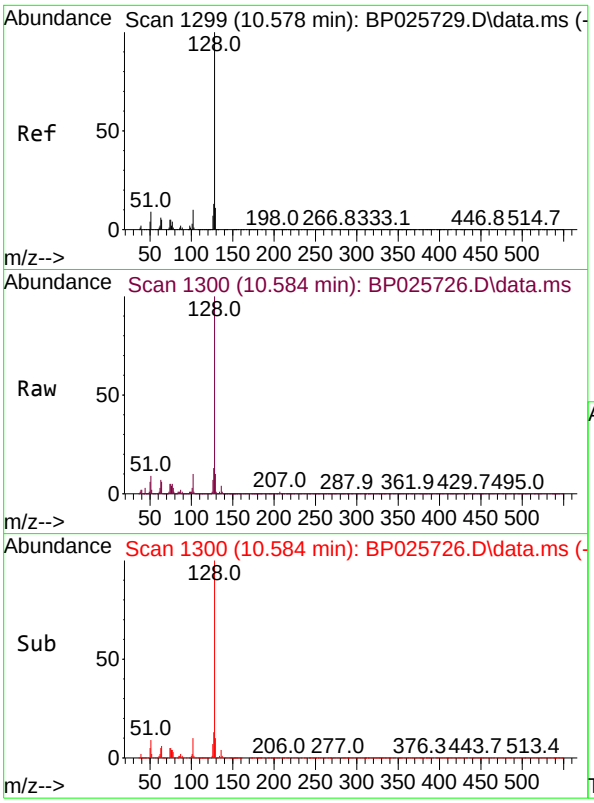


#30
1,2,4-Trichlorobenzene
Concen: 4.985 ng
RT: 10.396 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:180 Resp: 42918

Ion	Ratio	Lower	Upper
180	100		
182	99.9	76.0	114.0
145	31.7	24.7	37.1

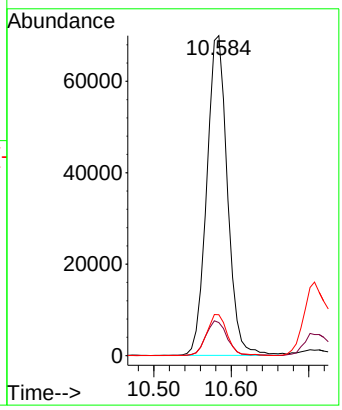




#31
Naphthalene
Concen: 4.972 ng
RT: 10.584 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:128 Resp: 12965

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	12.8	10.2	15.4



Instrument :
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ClientSampleId :
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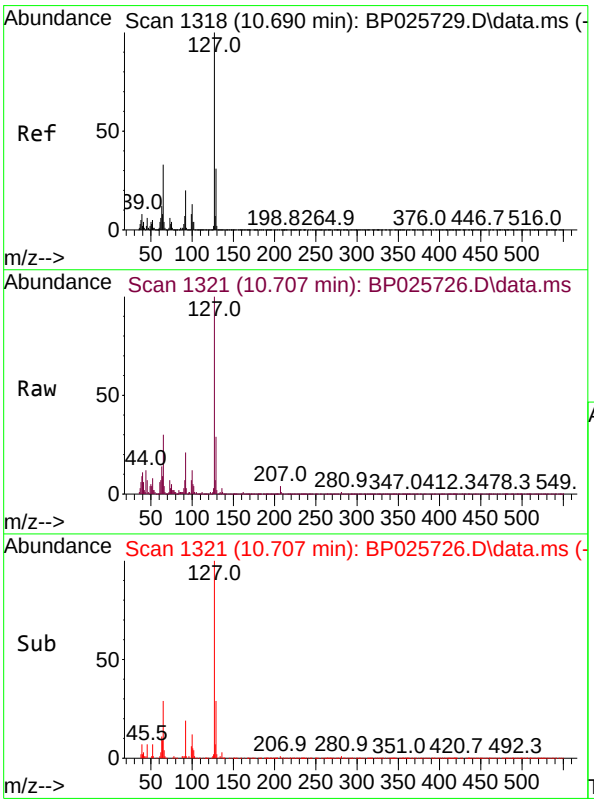
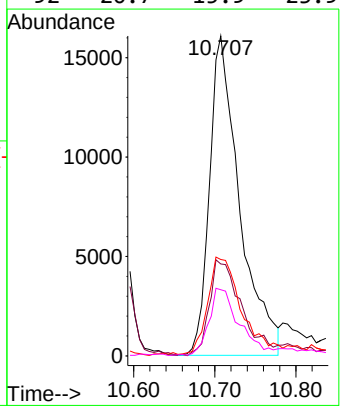
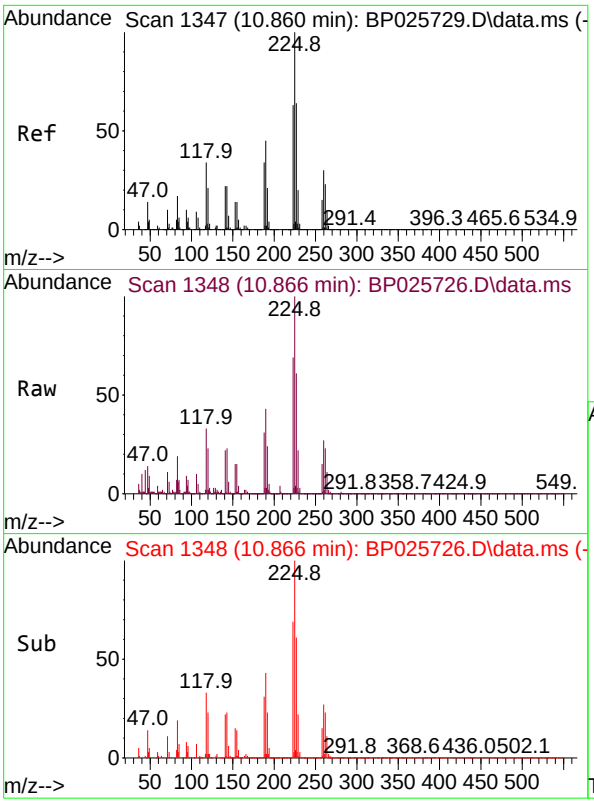


#33
4-Chloroaniline
Concen: 3.820 ng
RT: 10.707 min Scan# 1321
Delta R.T. 0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:127 Resp: 41517

Ion	Ratio	Lower	Upper
127	100		
129	28.7	25.1	37.7
65	30.1	26.4	39.6
92	20.7	15.9	23.9

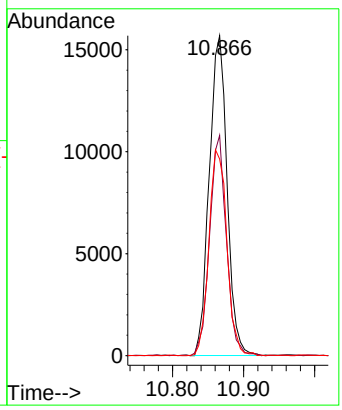




#34
Hexachlorobutadiene
Concen: 4.932 ng
RT: 10.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:225 Resp: 2733

Ion	Ratio	Lower	Upper
225	100		
223	68.8	50.1	75.1
227	61.4	51.2	76.8



Instrument :
BNA_P
ClientSampleId :
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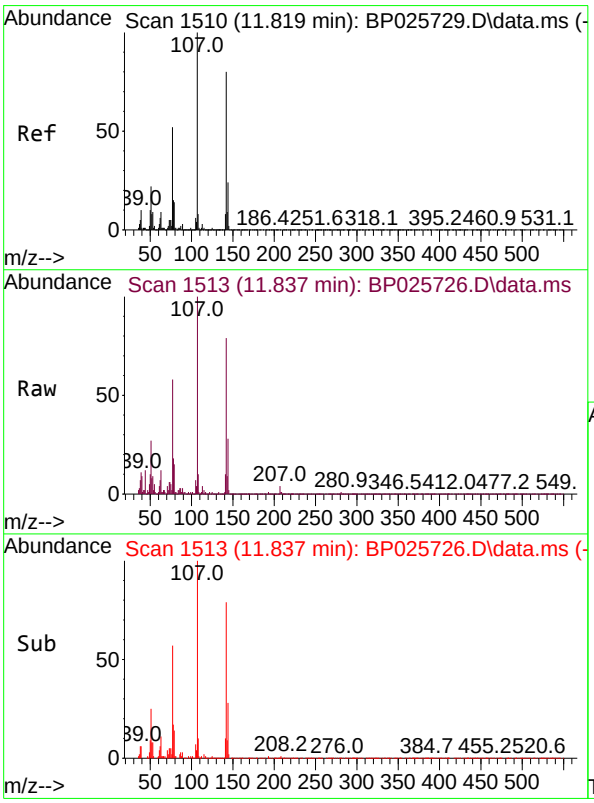
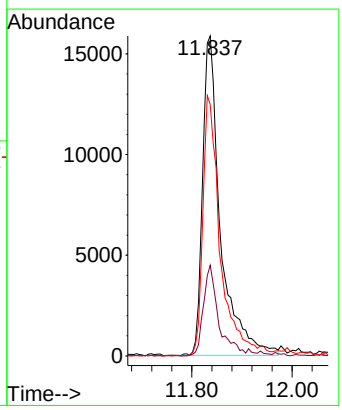
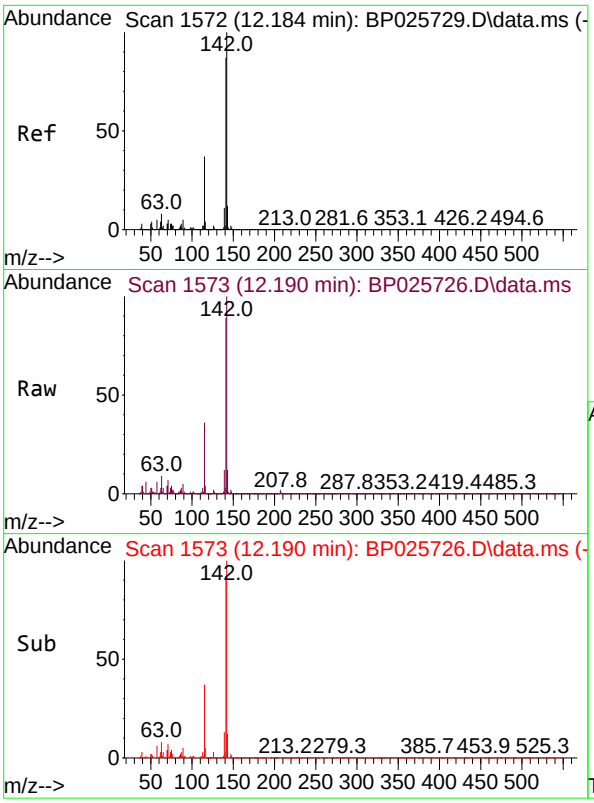


#36
4-Chloro-3-methylphenol
Concen: 4.350 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:107 Resp: 39611

Ion	Ratio	Lower	Upper
107	100		
144	28.3	19.4	29.2
142	78.6	63.8	95.6

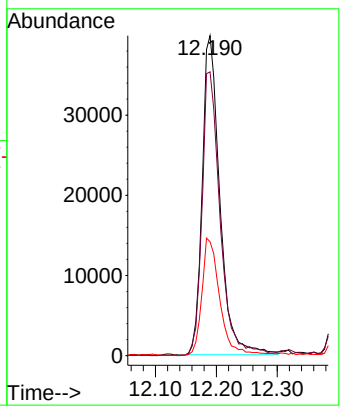




#37
2-Methylnaphthalene
Concen: 4.782 ng
RT: 12.190 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:142 Resp: 8009

Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.6	104.4
115	35.6	30.0	45.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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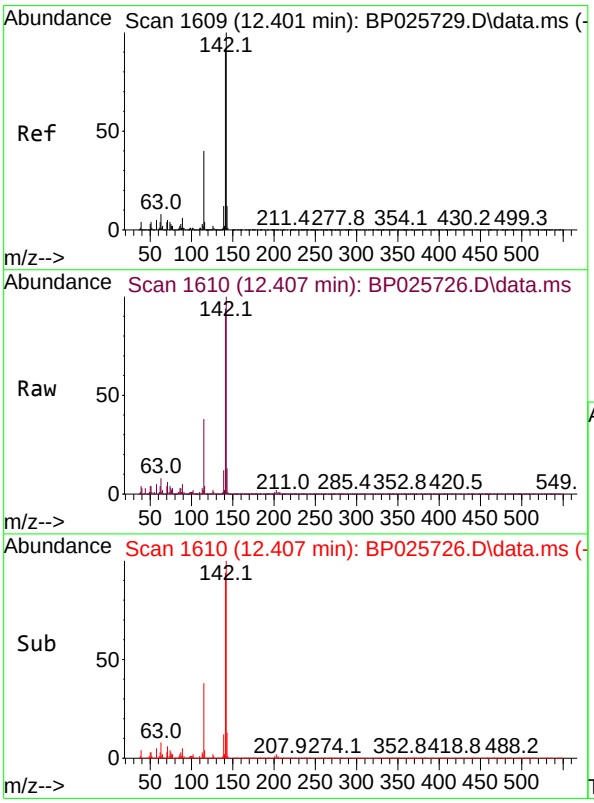
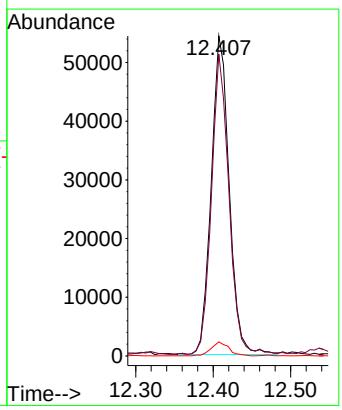
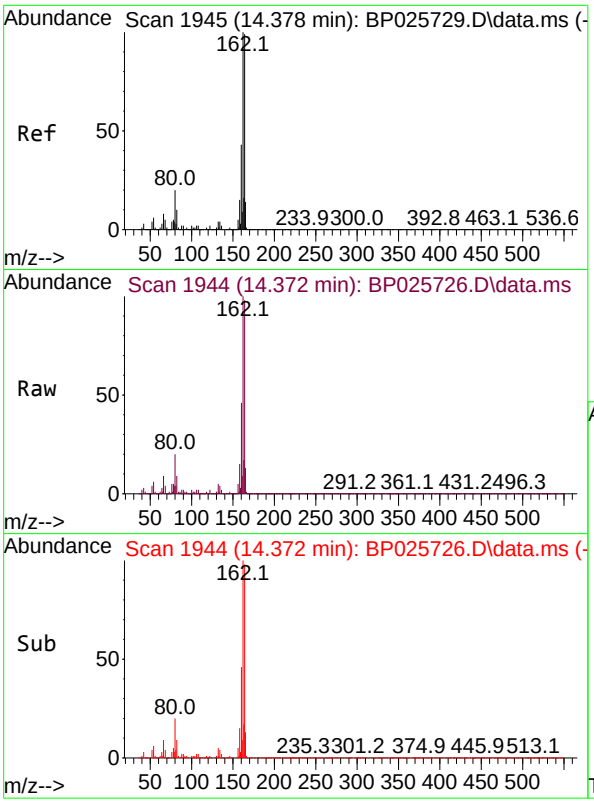


#38
1-Methylnaphthalene
Concen: 4.916 ng
RT: 12.407 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:142 Resp: 87800

Ion	Ratio	Lower	Upper
142	100		
141	94.3	72.7	109.1
116	4.4	3.5	5.3

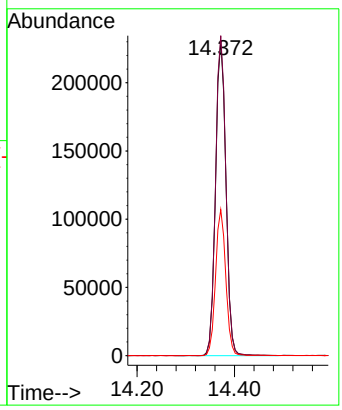




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:164 Resp: 340469

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	46.3	35.0	52.6



Instrument :
BNA_P
ClientSampleId :
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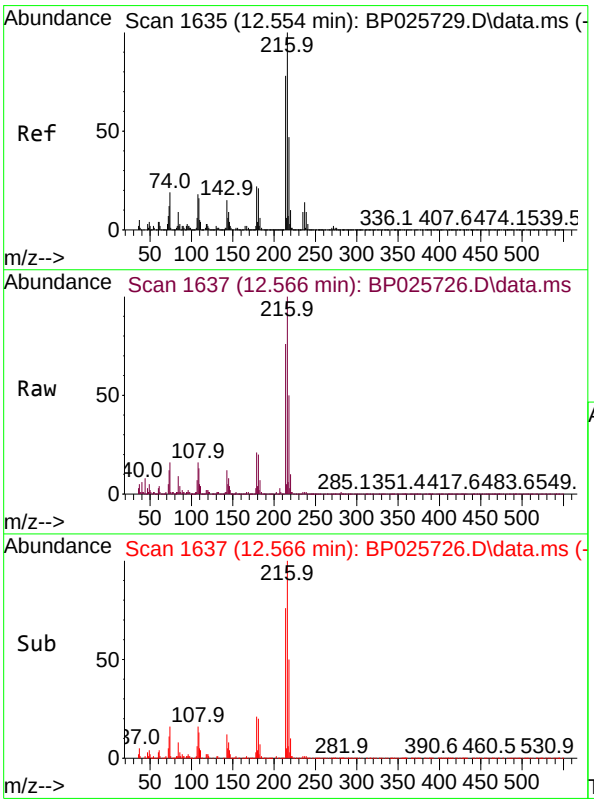
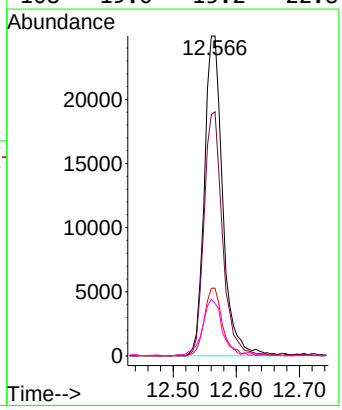
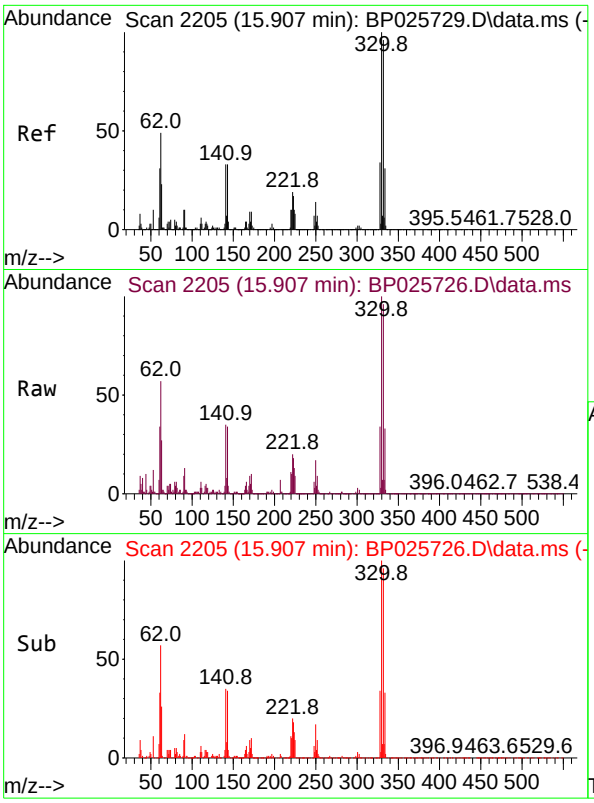


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.864 ng
RT: 12.566 min Scan# 1637
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:216 Resp: 50181

Ion	Ratio	Lower	Upper
216	100		
214	76.7	62.4	93.6
179	20.8	17.0	25.6
108	19.0	15.2	22.8

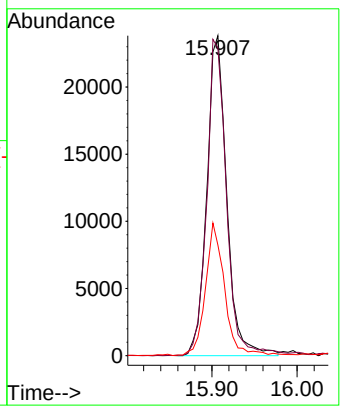




#42
2,4,6-Tribromophenol
Concen: 9.092 ng
RT: 15.907 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:330 Resp: 3861

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.9	115.3
141	39.7	31.0	46.4



Instrument :
BNA_P
ClientSampleId :
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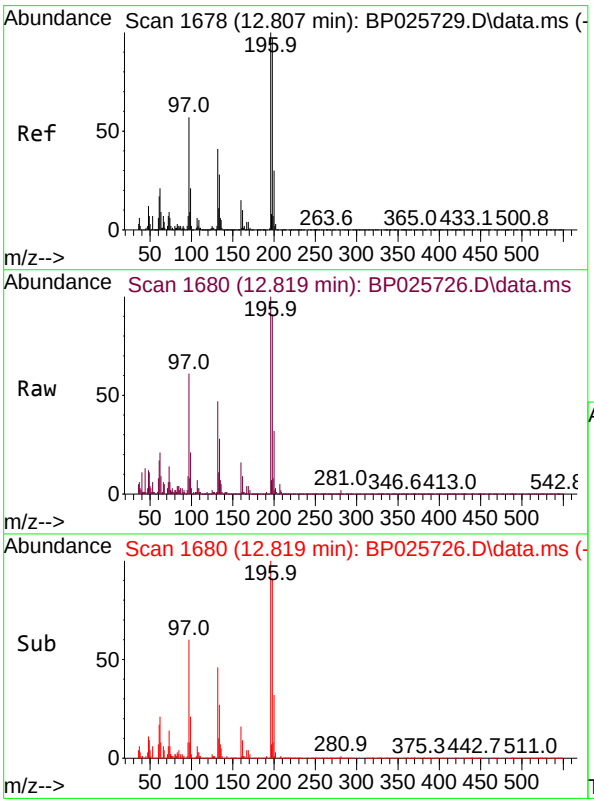
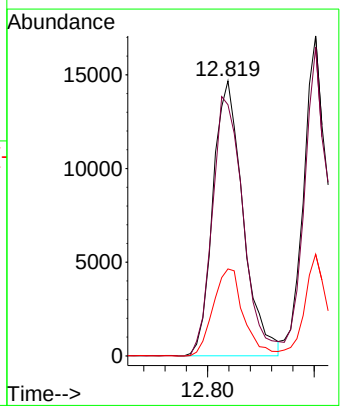
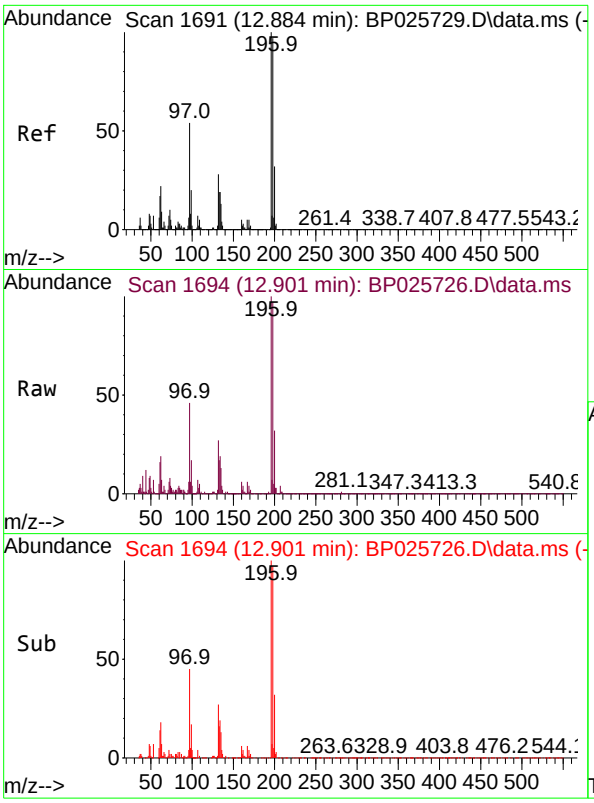


#43
2,4,6-Trichlorophenol
Concen: 4.262 ng
RT: 12.819 min Scan# 1680
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:196 Resp: 28904

Ion	Ratio	Lower	Upper
196	100		
198	91.3	77.2	115.8
200	31.6	24.2	36.2

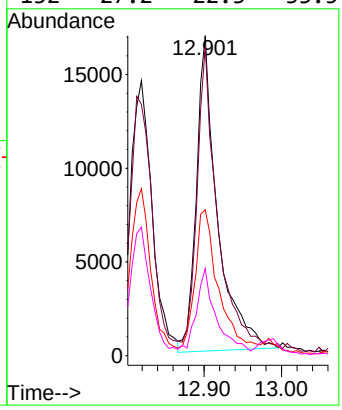




#44
2,4,5-Trichlorophenol
Concen: 4.232 ng
RT: 12.901 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:196 Resp: 3194

Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.8	116.8
97	45.6	43.3	64.9
132	27.2	22.3	33.5



Instrument :
BNA_P
ClientSampleId :
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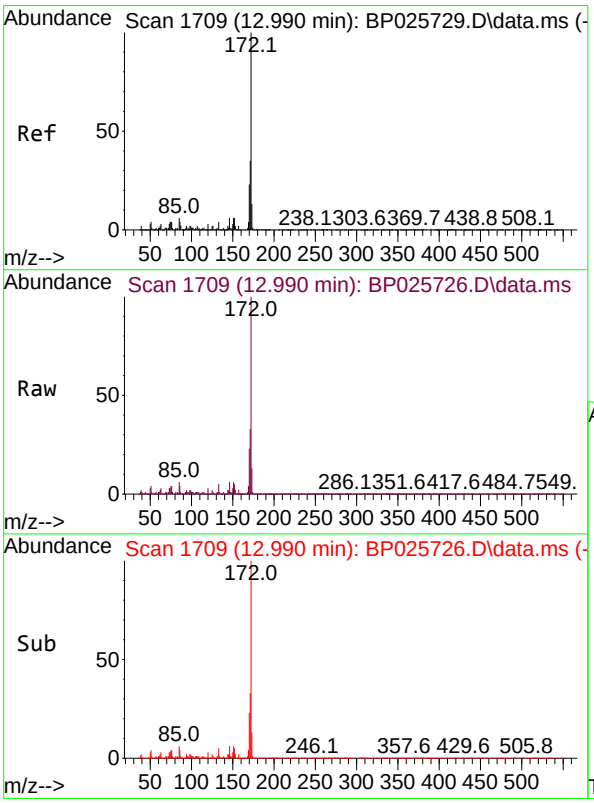
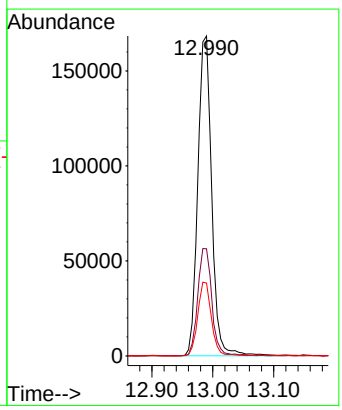
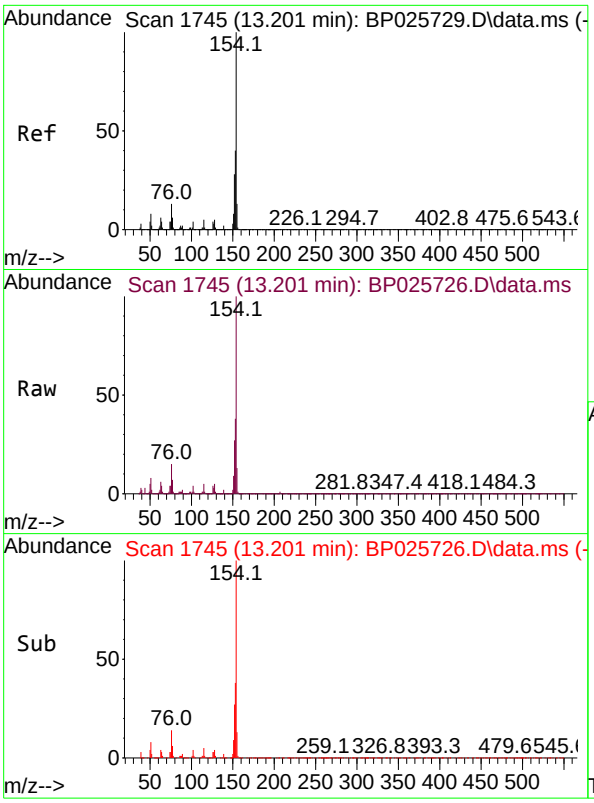


#45
2-Fluorobiphenyl
Concen: 10.408 ng
RT: 12.990 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:172 Resp: 266136

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.8	41.6
170	22.8	18.6	27.8

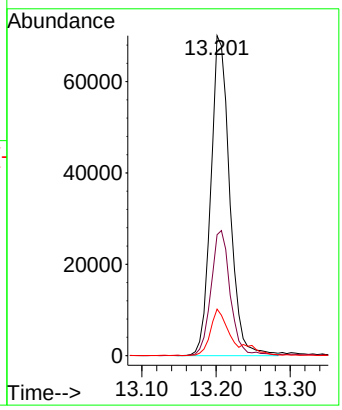




#46
1,1'-Biphenyl
Concen: 4.965 ng
RT: 13.201 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:154 Resp: 12408

Ion	Ratio	Lower	Upper
154	100		
153	37.8	19.7	59.7
76	14.5	0.0	33.3



Instrument :
BNA_P
ClientSampleId :
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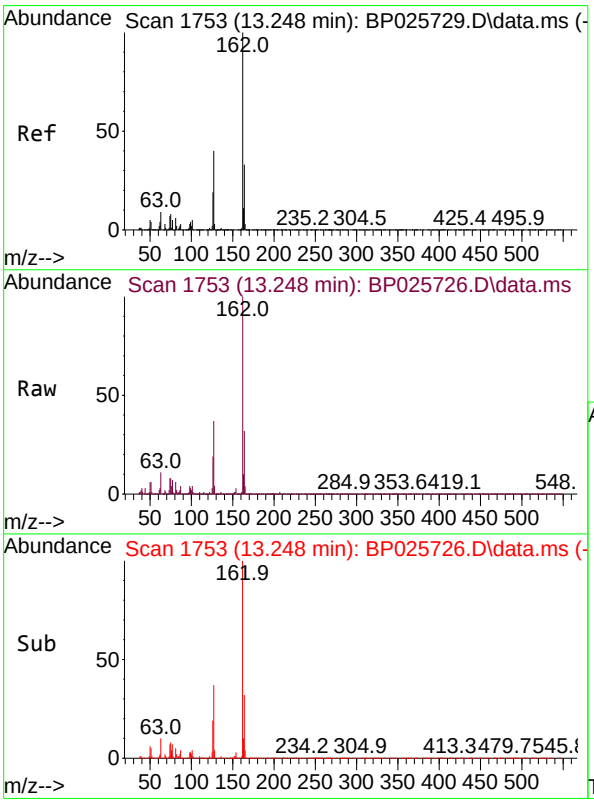
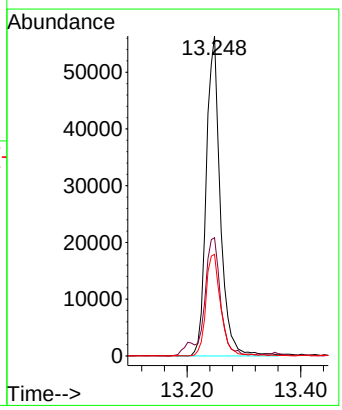
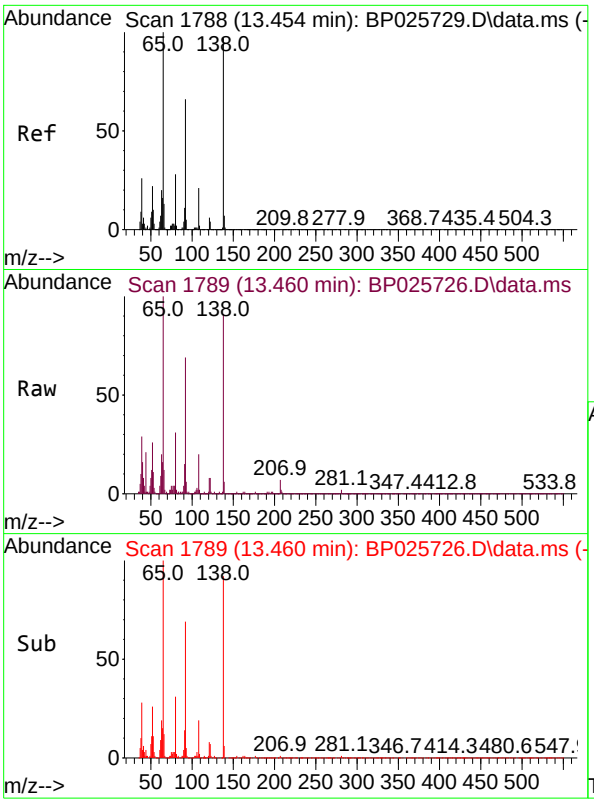


#47
2-Chloronaphthalene
Concen: 4.932 ng
RT: 13.248 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:162 Resp: 97044

Ion	Ratio	Lower	Upper
162	100		
127	36.9	32.2	48.4
164	31.7	26.5	39.7

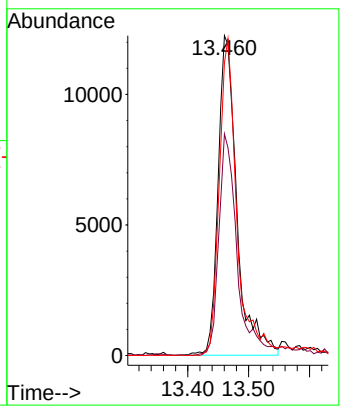




#48
2-Nitroaniline
Concen: 4.013 ng
RT: 13.460 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 65 Resp: 2632

Ion	Ratio	Lower	Upper
65	100		
92	69.3	53.1	79.7
138	91.5	77.8	116.8



Instrument :
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ClientSampleId :
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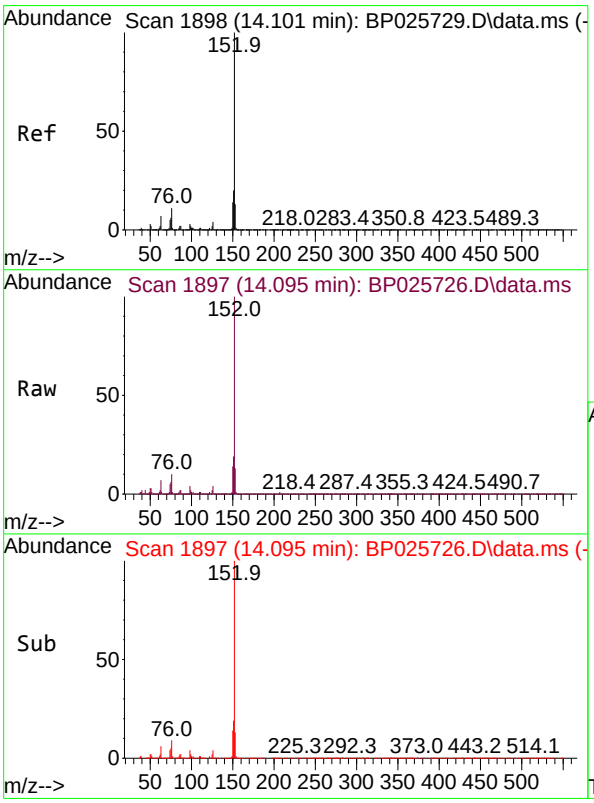
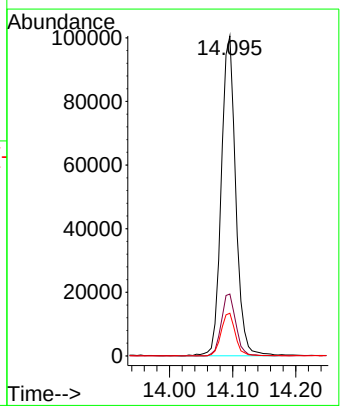
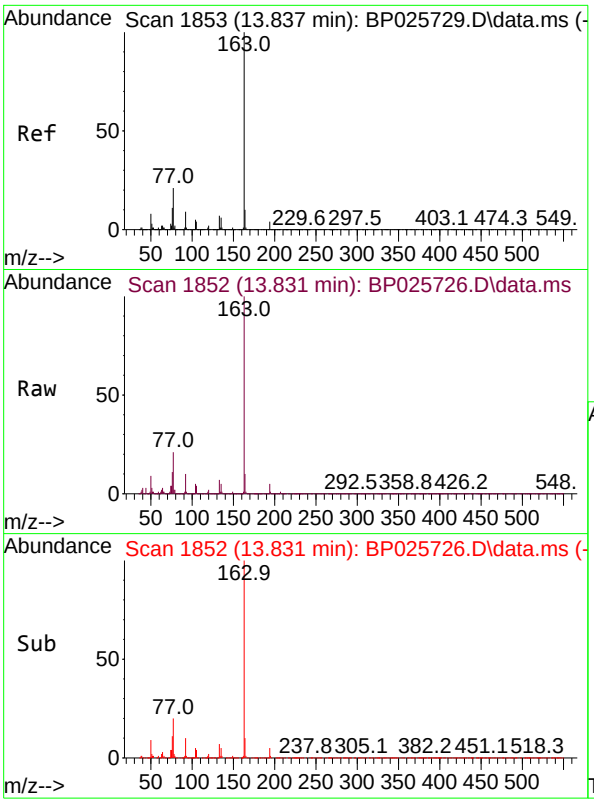


#49
Acenaphthylene
Concen: 4.900 ng
RT: 14.095 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:152 Resp: 159767

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	13.3	10.5	15.7





#50
Dimethylphthalate
Concen: 5.059 ng
RT: 13.831 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:163 Resp: 13149

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	9.6	8.2	12.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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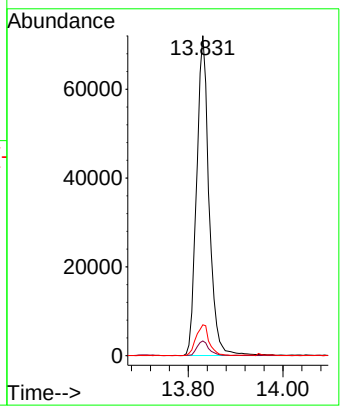
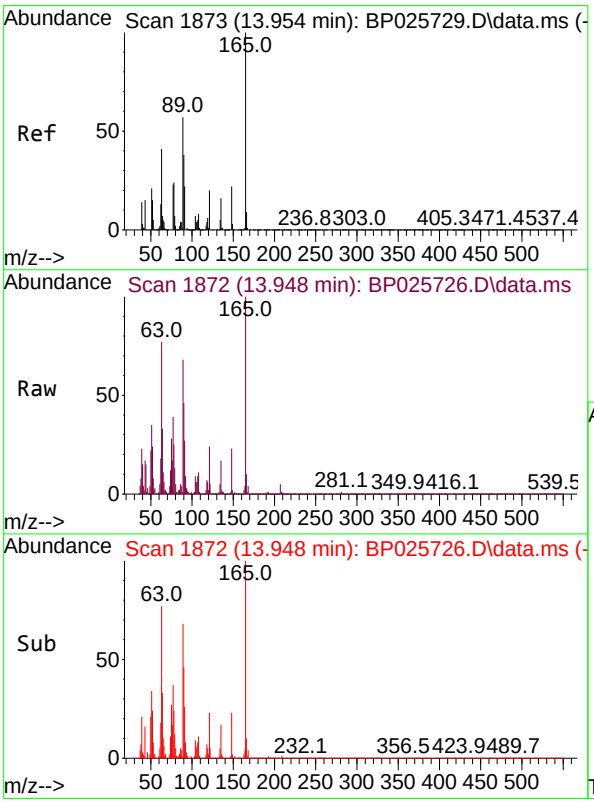
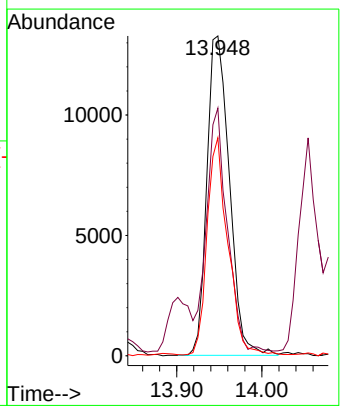


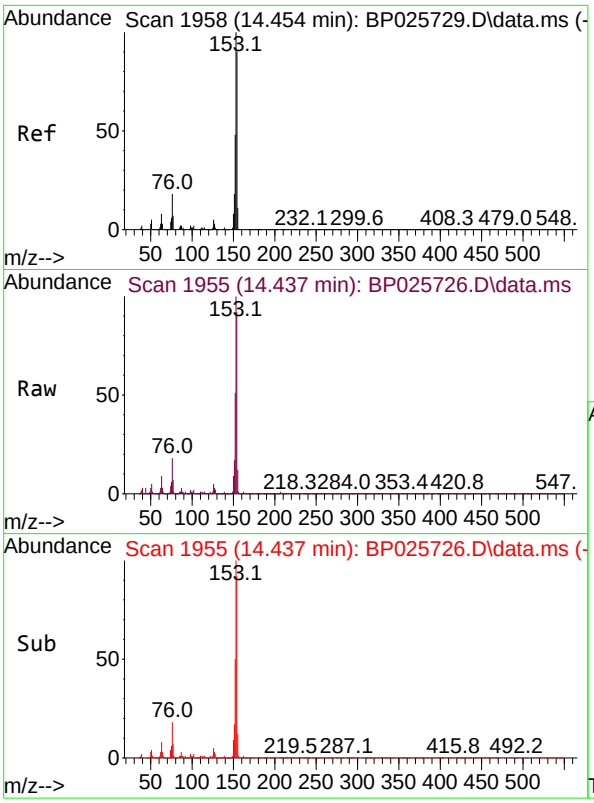


#51
2,6-Dinitrotoluene
Concen: 4.417 ng
RT: 13.948 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:165 Resp: 24324

Ion	Ratio	Lower	Upper
165	100		
63	77.4	48.1	72.1#
89	68.2	45.4	68.0#

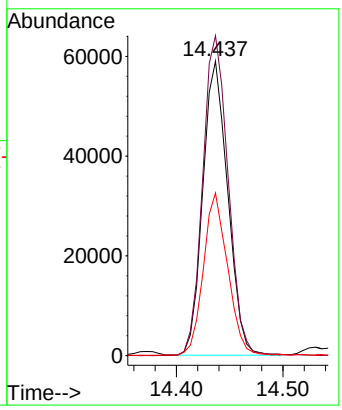




#52
Acenaphthene
Concen: 5.109 ng
RT: 14.437 min Scan# 19
Delta R.T. -0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:154 Resp: 9606

Ion	Ratio	Lower	Upper
154	100		
153	108.7	89.4	134.0
152	55.2	42.5	63.7



Instrument :
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ClientSampleId :
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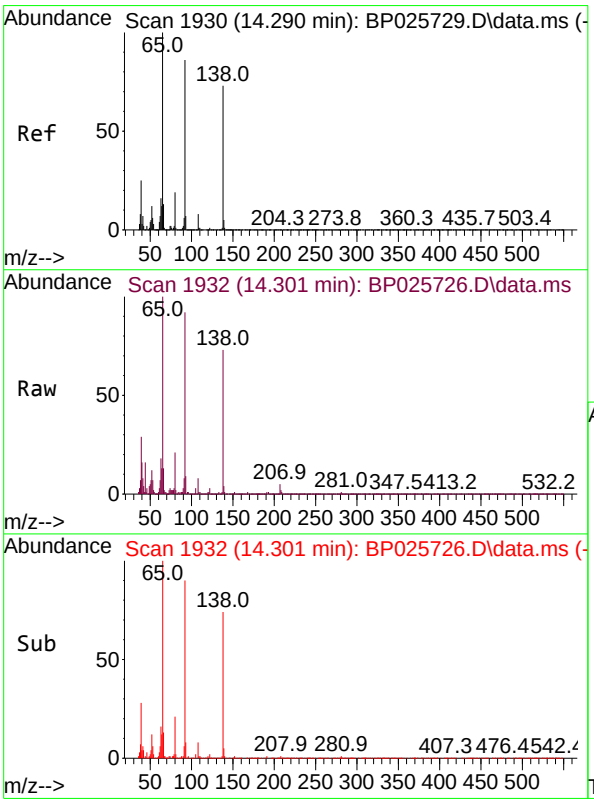
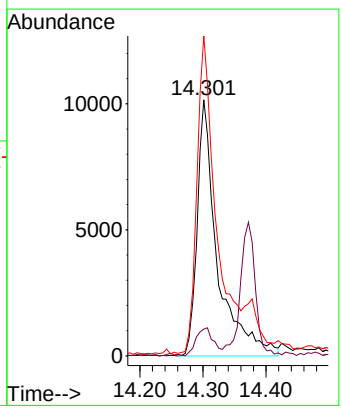
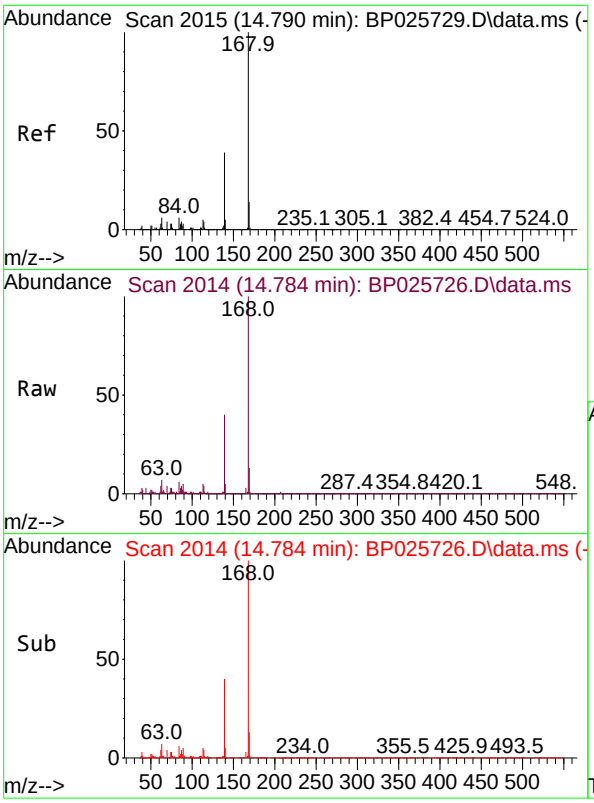


#53
3-Nitroaniline
Concen: 3.913 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:138 Resp: 22660

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.7	13.1
92	124.9	94.6	142.0

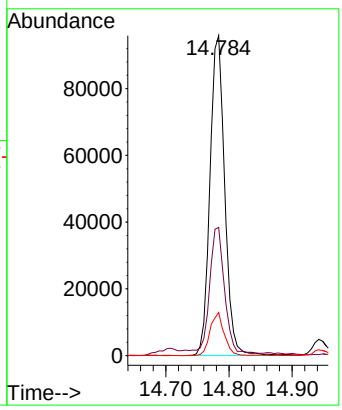




#55
Dibenzofuran
Concen: 5.094 ng
RT: 14.784 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:168 Resp: 15609

Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.7	47.5
169	13.5	10.8	16.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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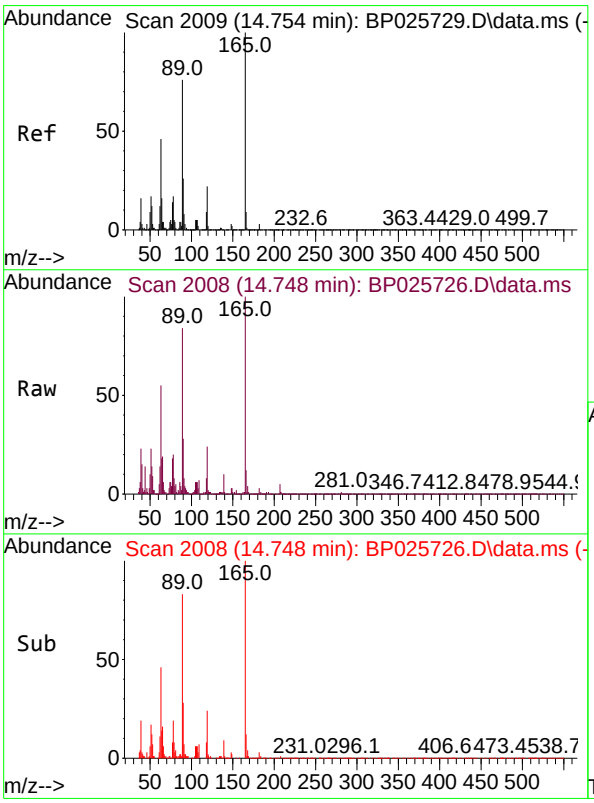
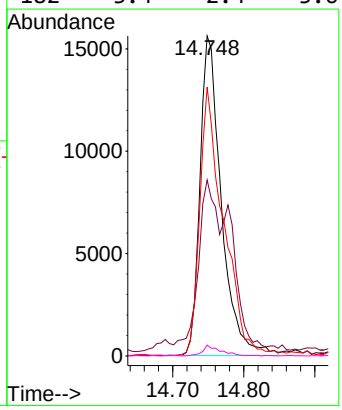
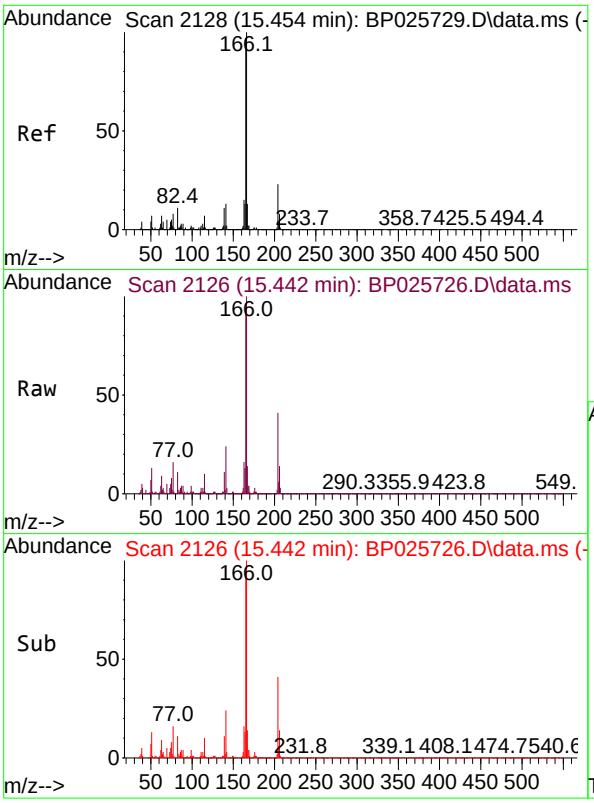


#57
2,4-Dinitrotoluene
Concen: 4.144 ng
RT: 14.748 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:165 Resp: 32480

Ion	Ratio	Lower	Upper
165	100		
63	55.0	37.7	56.5
89	84.0	61.0	91.6
182	3.4	2.4	3.6

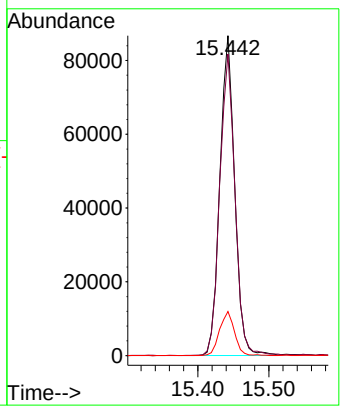




#58
Fluorene
Concen: 5.189 ng
RT: 15.442 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:166 Resp: 12643

Ion	Ratio	Lower	Upper
166	100		
165	94.2	77.7	116.5
167	13.8	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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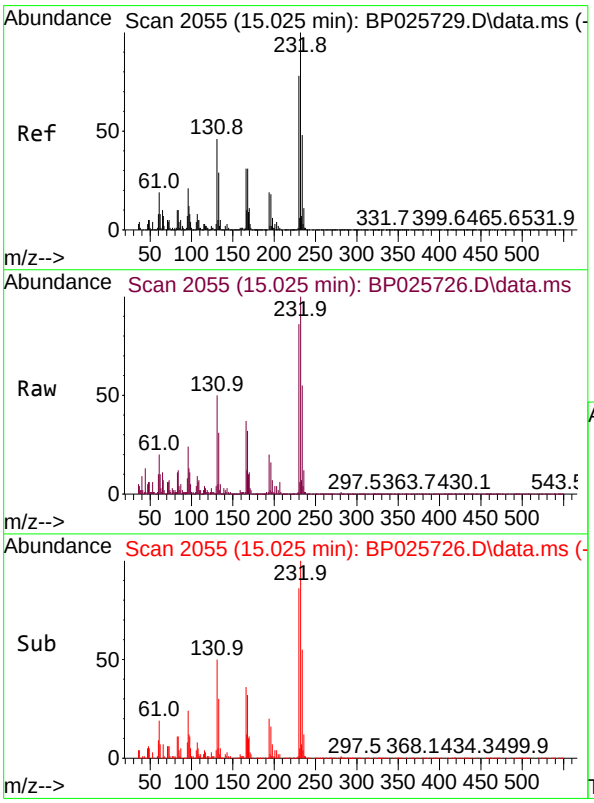
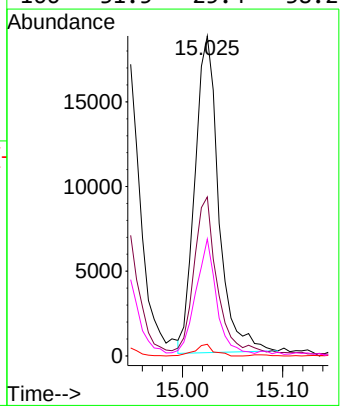
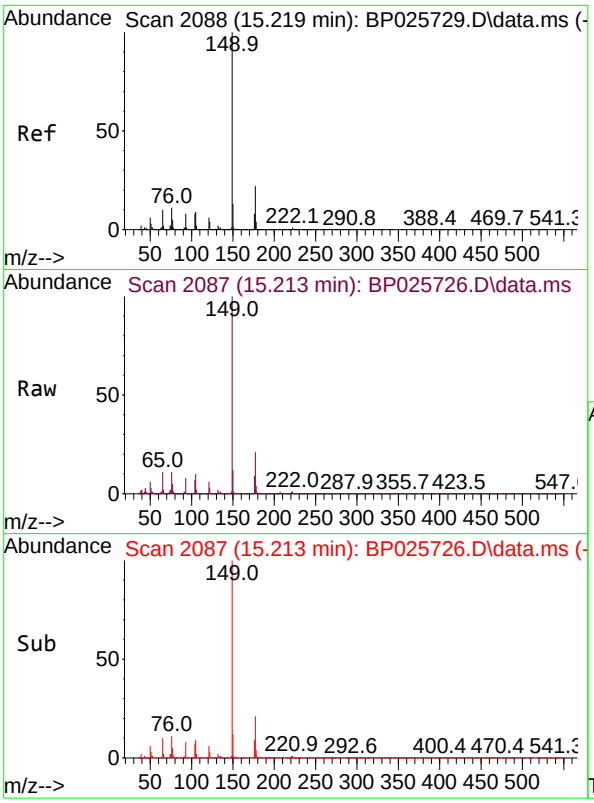


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.525 ng
RT: 15.025 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:232 Resp: 30771

Ion	Ratio	Lower	Upper
232	100		
131	49.7	36.7	55.1
130	2.9	2.0	3.0
166	31.5	25.4	38.2

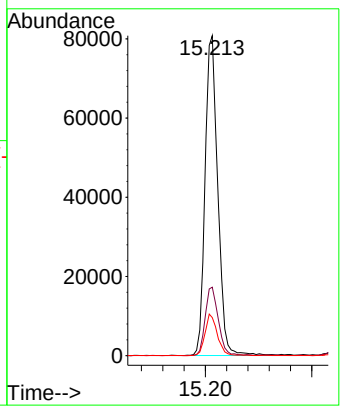




#60
Diethylphthalate
Concen: 5.077 ng
RT: 15.213 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:149 Resp: 13386

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.7	26.5
150	11.9	10.0	15.0



Instrument :
BNA_P
ClientSampleId :
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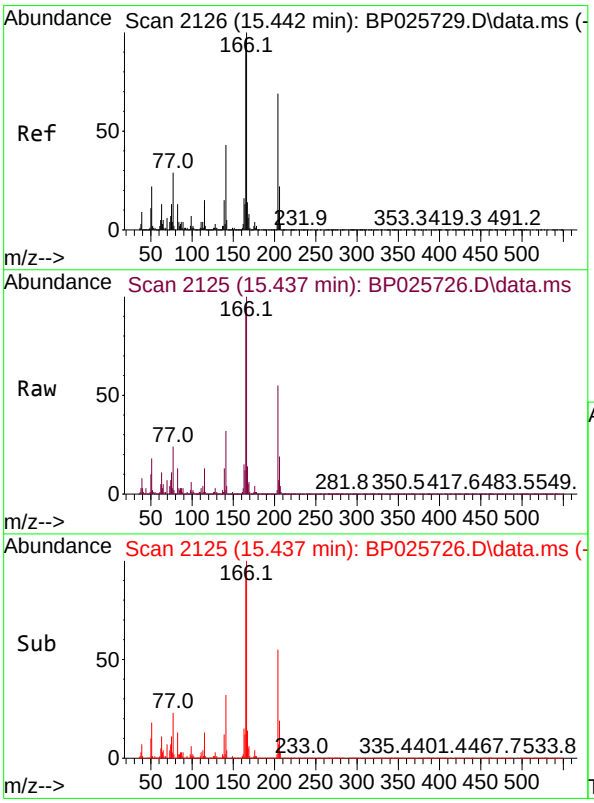
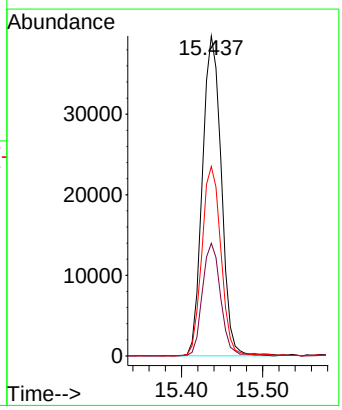
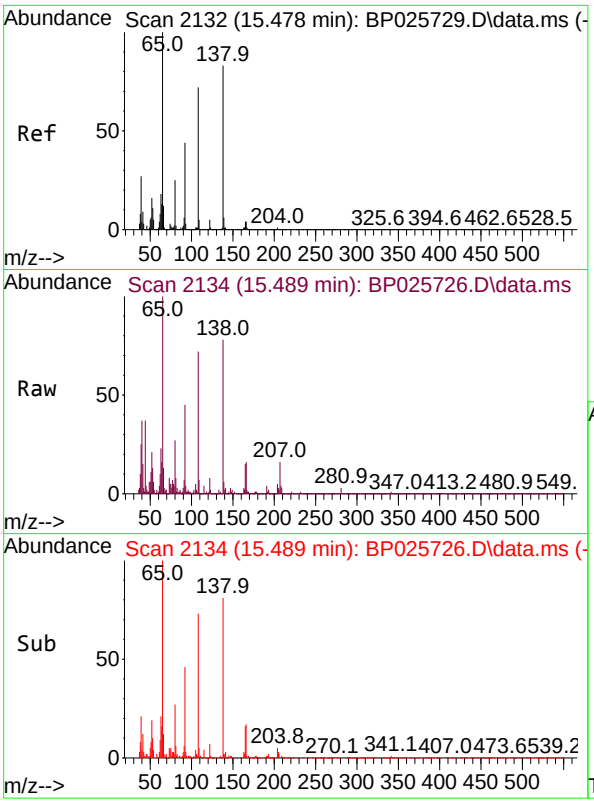


#61
4-Chlorophenyl-phenylether
Concen: 5.236 ng
RT: 15.437 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:204 Resp: 64305

Ion	Ratio	Lower	Upper
204	100		
206	35.2	26.0	39.0
141	59.2	49.7	74.5

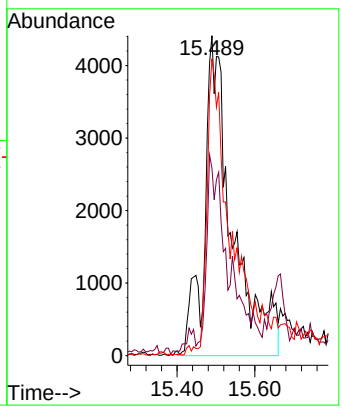




#62
4-Nitroaniline
Concen: 3.710 ng m
RT: 15.489 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:138 Resp: 2199

Ion	Ratio	Lower	Upper
138	100		
92	58.6	33.3	73.3
108	92.8	66.7	106.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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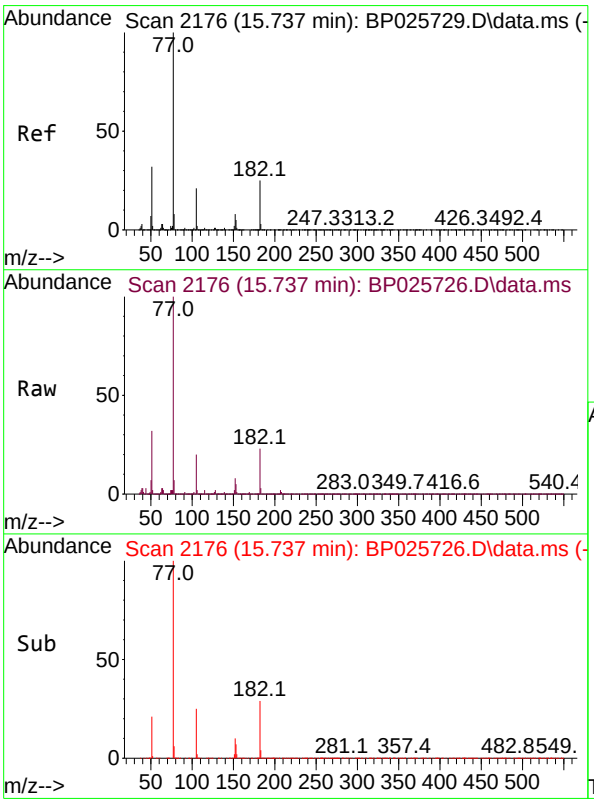
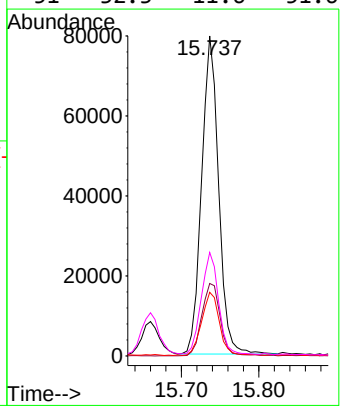
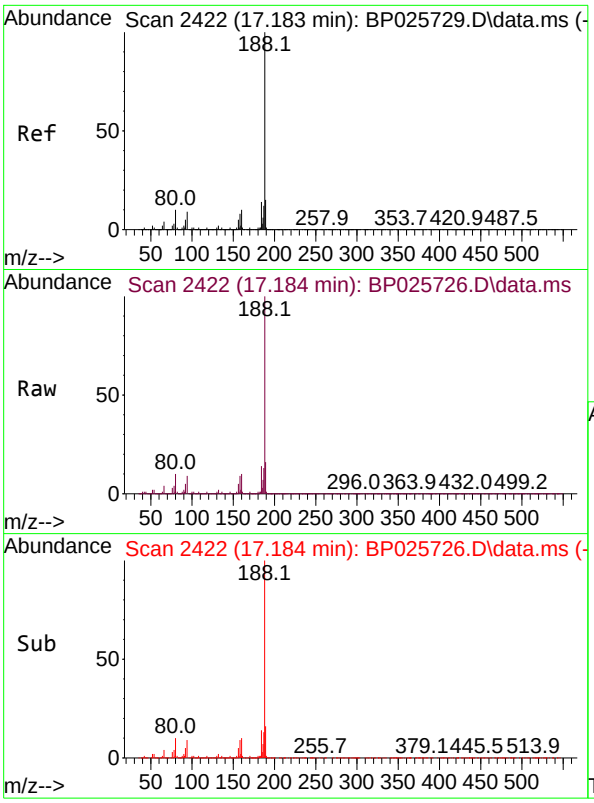


#63
Azobenzene
Concen: 4.745 ng
RT: 15.737 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 77 Resp: 120979

Ion	Ratio	Lower	Upper
77	100		
182	22.6	5.2	45.2
105	19.9	1.1	41.1
51	32.3	11.6	51.6

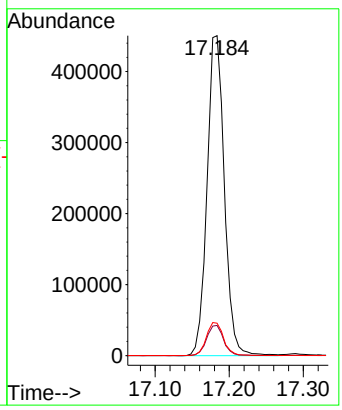




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.184 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:188 Resp: 73055

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.0
80	10.1	7.7	11.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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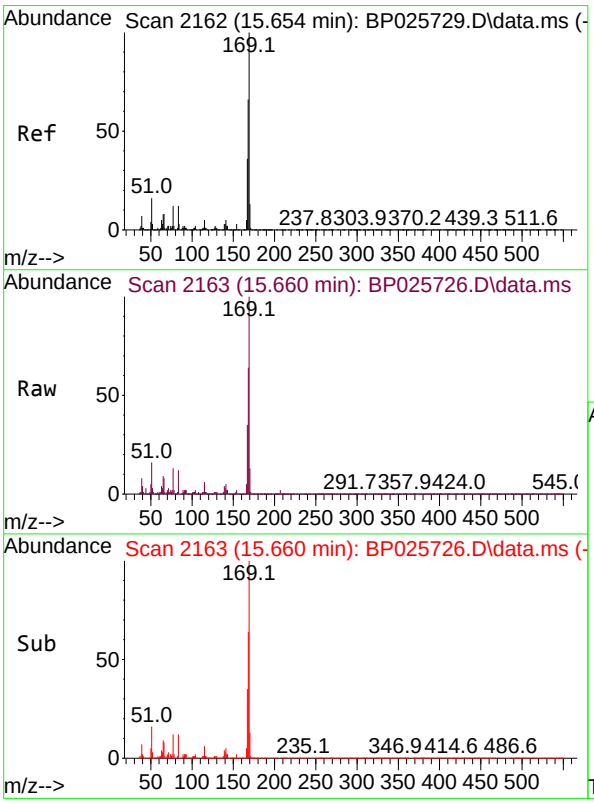
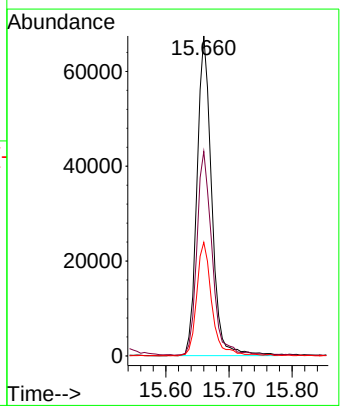
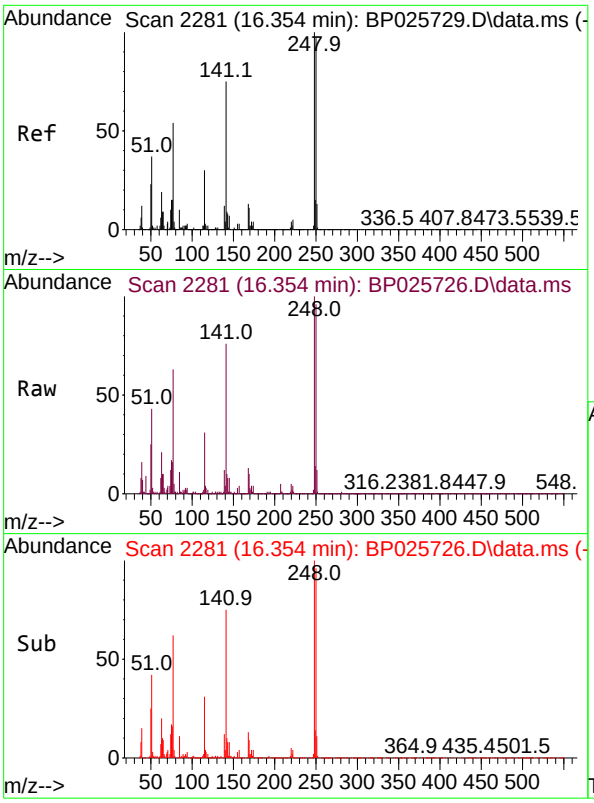


#66
n-Nitrosodiphenylamine
Concen: 4.875 ng
RT: 15.660 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:169 Resp: 108999

Ion	Ratio	Lower	Upper
169	100		
168	63.9	52.6	78.8
167	35.5	28.5	42.7

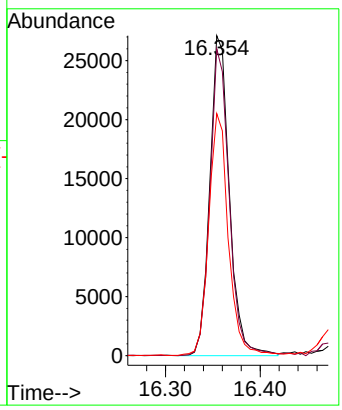




#67
4-Bromophenyl-phenylether
Concen: 4.851 ng
RT: 16.354 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:248 Resp: 3893

Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.5	116.3
141	75.6	60.2	90.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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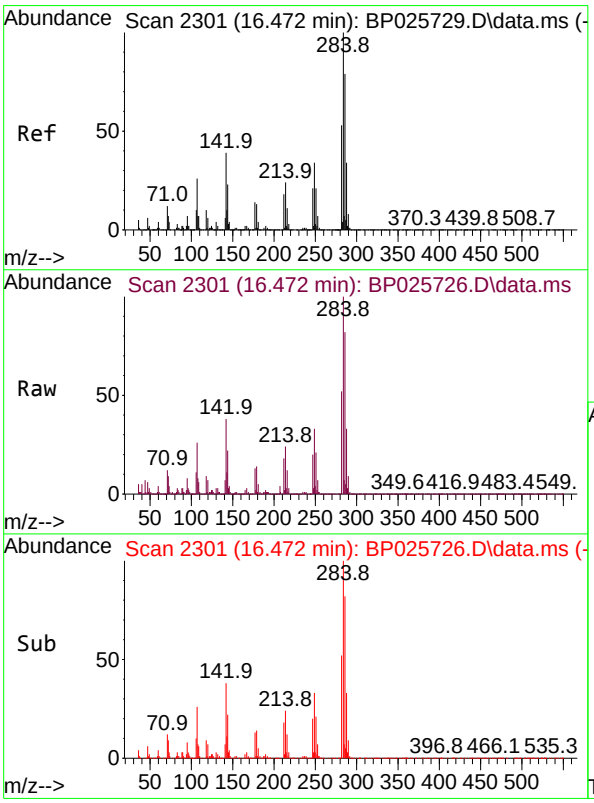
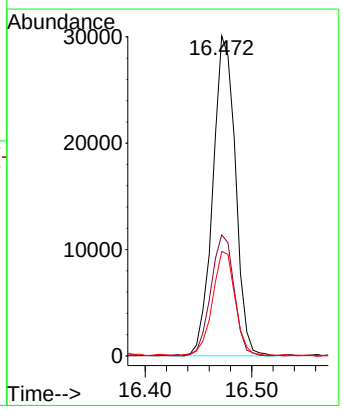
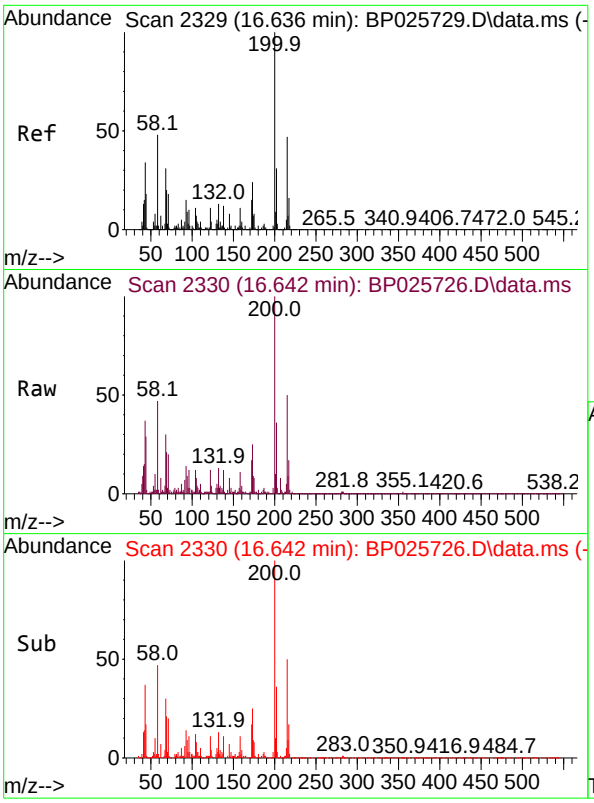


#68
Hexachlorobenzene
Concen: 4.960 ng
RT: 16.472 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:284 Resp: 44390

Ion	Ratio	Lower	Upper
284	100		
142	37.8	31.3	46.9
249	32.6	27.3	40.9

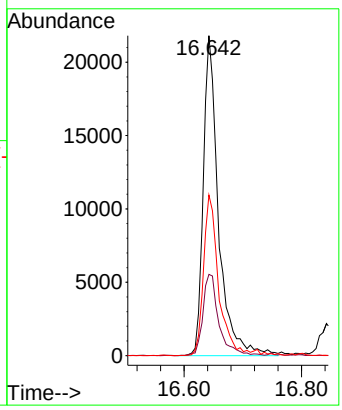




#69
Atrazine
Concen: 4.593 ng
RT: 16.642 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:200 Resp: 3925

Ion	Ratio	Lower	Upper
200	100		
173	25.4	4.2	44.2
215	50.2	27.3	67.3



Instrument :
BNA_P
ClientSampleId :
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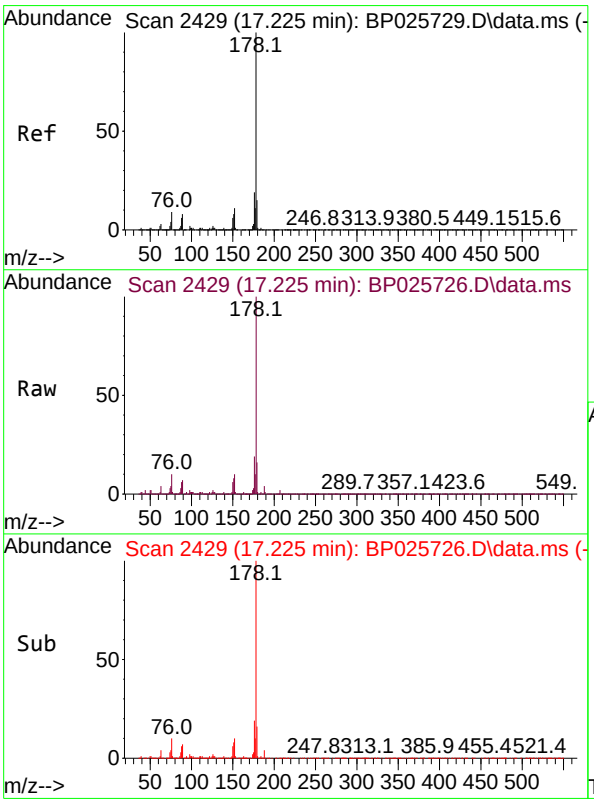
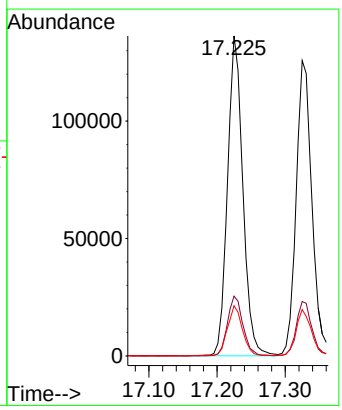
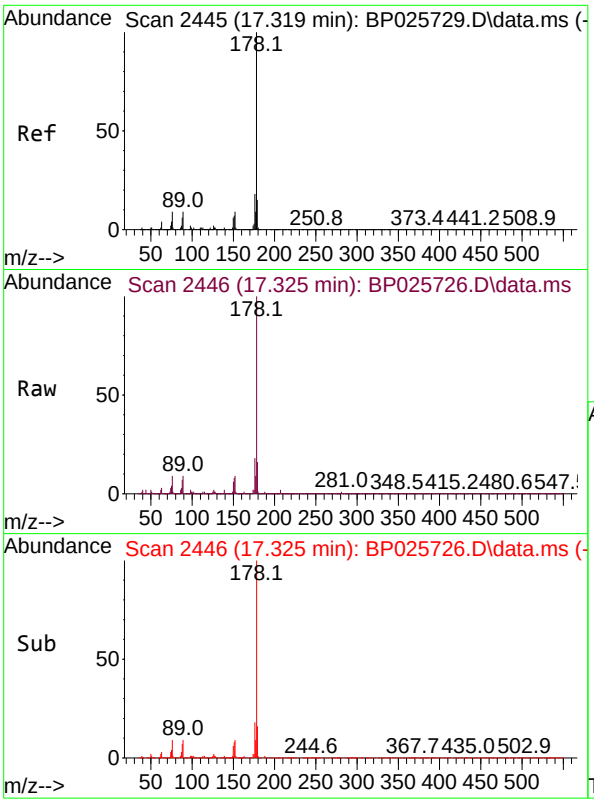


#71
Phenanthrene
Concen: 5.127 ng
RT: 17.225 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:178 Resp: 212489

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.7	12.2	18.4

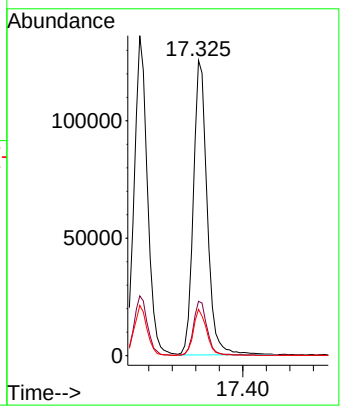




#72
Anthracene
Concen: 4.866 ng
RT: 17.325 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:178 Resp: 20458

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.7	12.2	18.4



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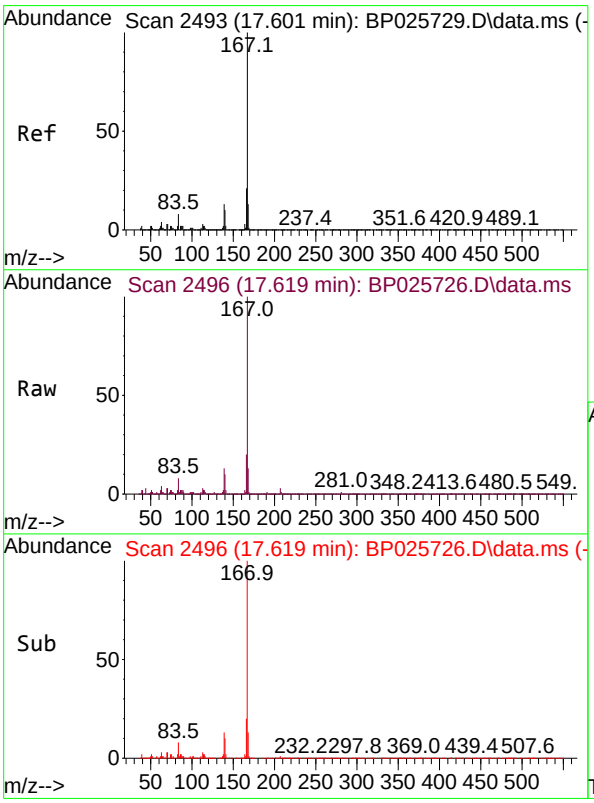
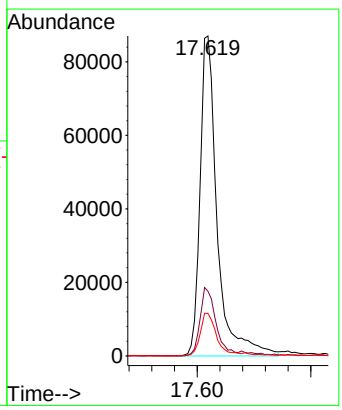
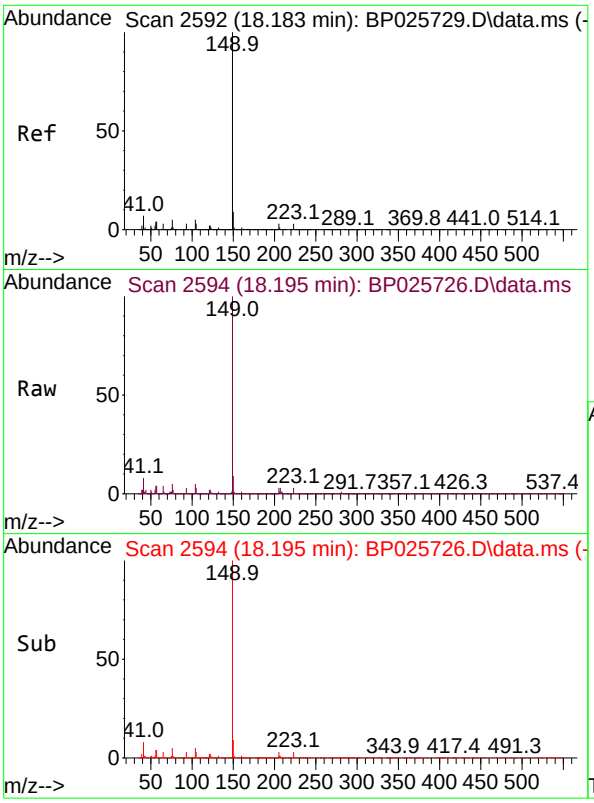


#73
Carbazole
Concen: 4.644 ng
RT: 17.619 min Scan# 2496
Delta R.T. 0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:167 Resp: 181532

Ion	Ratio	Lower	Upper
167	100		
166	20.2	17.0	25.4
139	13.3	10.6	16.0

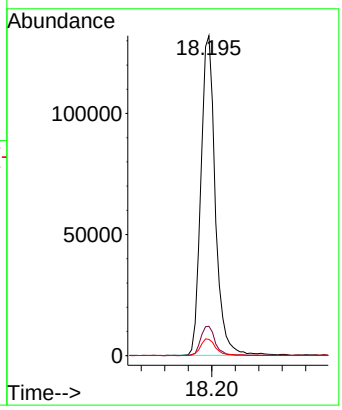




#74
Di-n-butylphthalate
Concen: 4.692 ng
RT: 18.195 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:149 Resp: 225100

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.1	4.3	6.5



Instrument :
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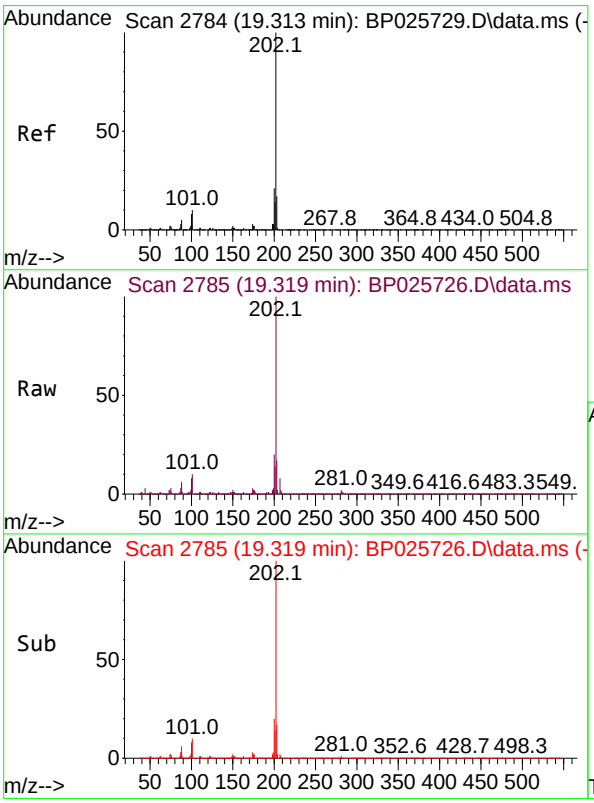
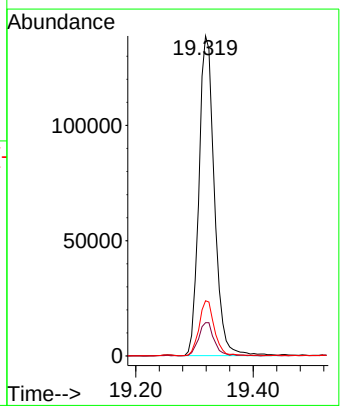
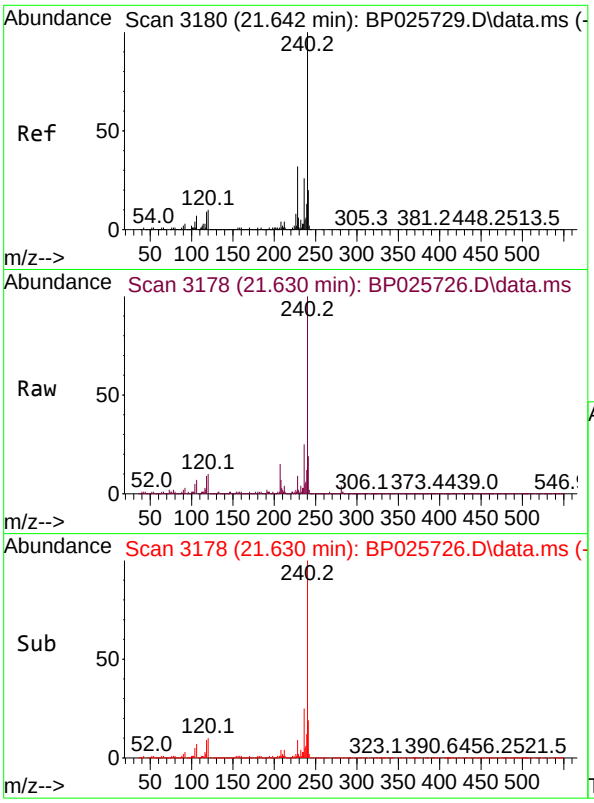


#75
Fluoranthene
Concen: 5.096 ng
RT: 19.319 min Scan# 2785
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:202 Resp: 253297

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.4
203	17.2	0.0	37.4

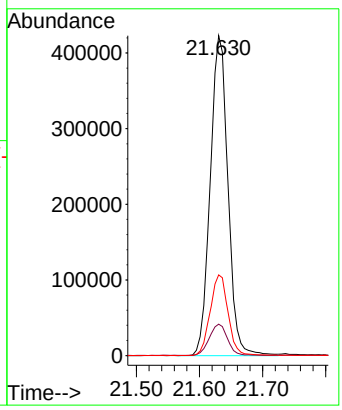




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:240 Resp: 82467

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.0	12.0
236	25.2	20.7	31.1



Instrument :
BNA_P
ClientSampleId :
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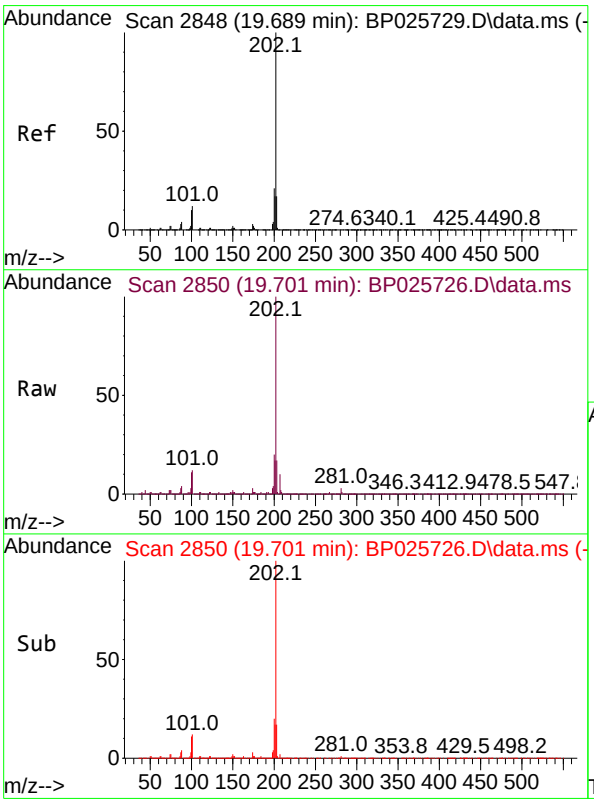
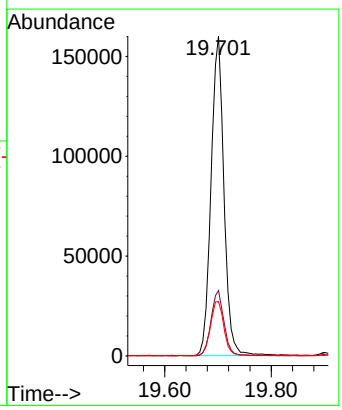
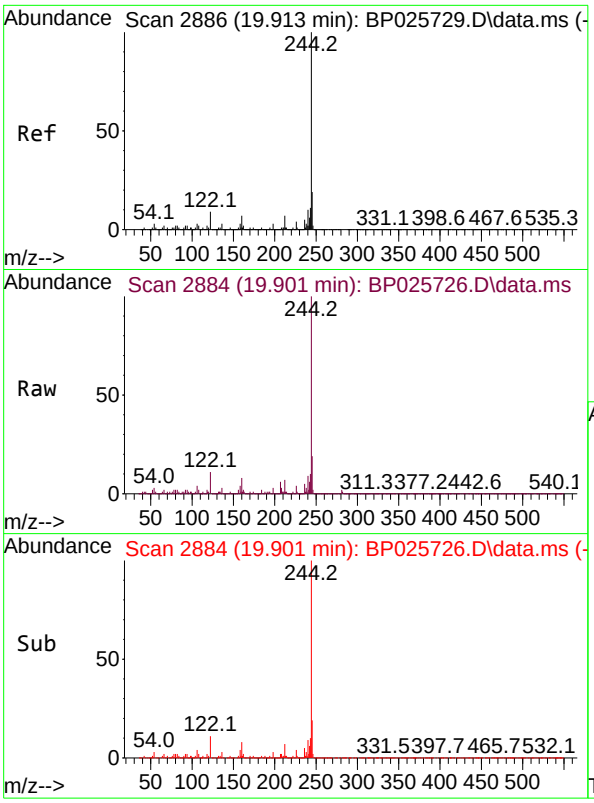


#78
Pyrene
Concen: 4.895 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:202 Resp: 269369

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.6
203	17.0	13.9	20.9

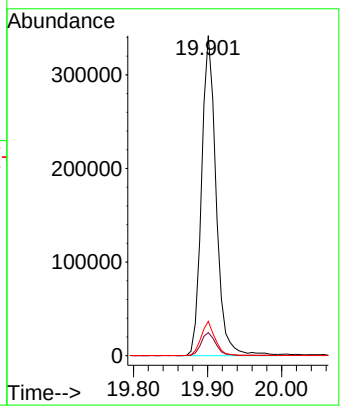




#79
Terphenyl-d14
Concen: 10.187 ng
RT: 19.901 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:244 Resp: 46699

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.7	7.1	10.7#



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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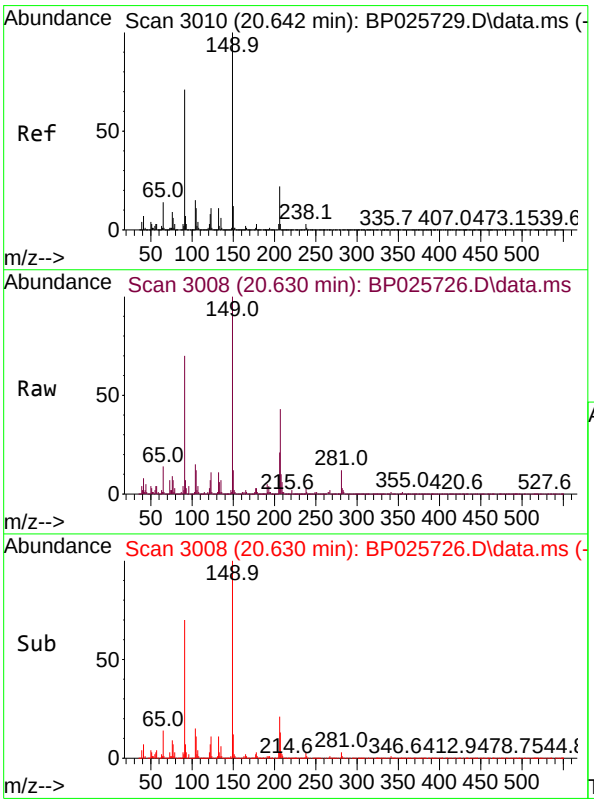
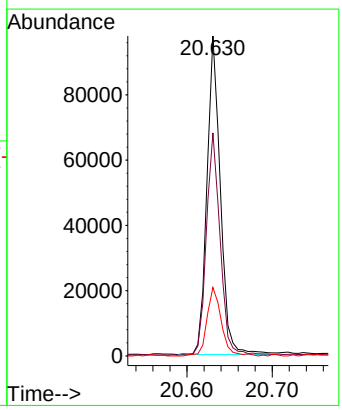
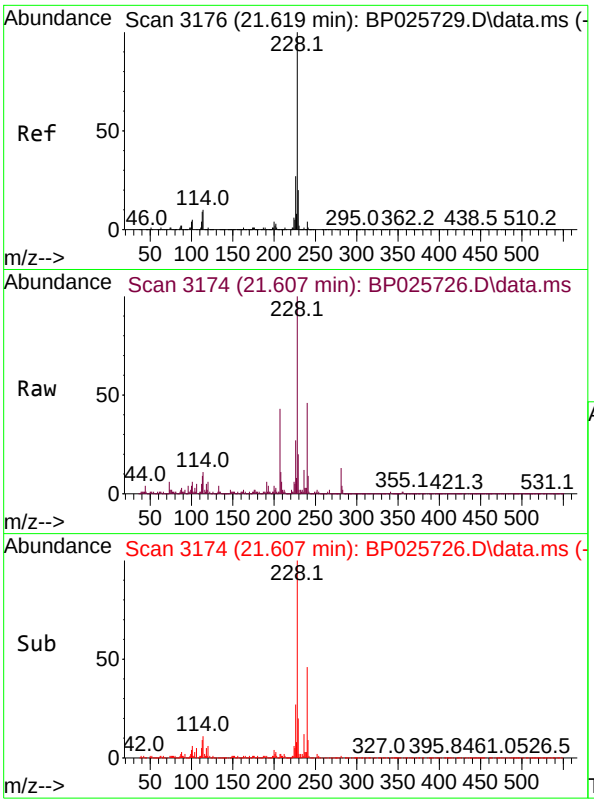


#80
Butylbenzylphthalate
Concen: 4.437 ng
RT: 20.630 min Scan# 3008
Delta R.T. -0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:149 Resp: 107059

Ion	Ratio	Lower	Upper
149	100		
91	69.7	56.6	85.0
206	21.4	17.4	26.0

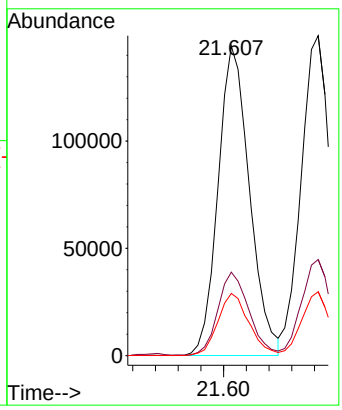




#81
Benzo(a)anthracene
Concen: 4.916 ng
RT: 21.607 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:228 Resp: 27755

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.6	32.4
229	20.1	15.7	23.5



Instrument :
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ClientSampleId :
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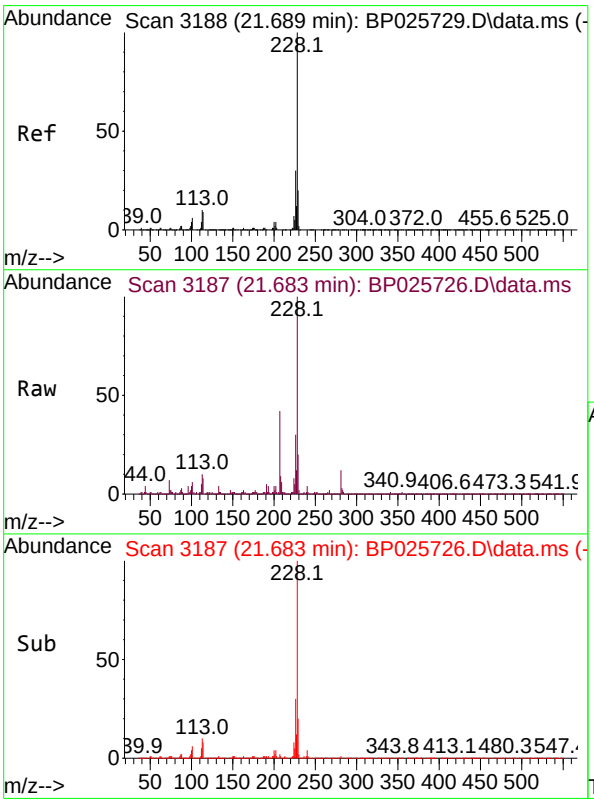
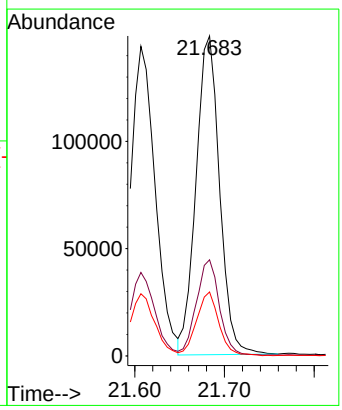
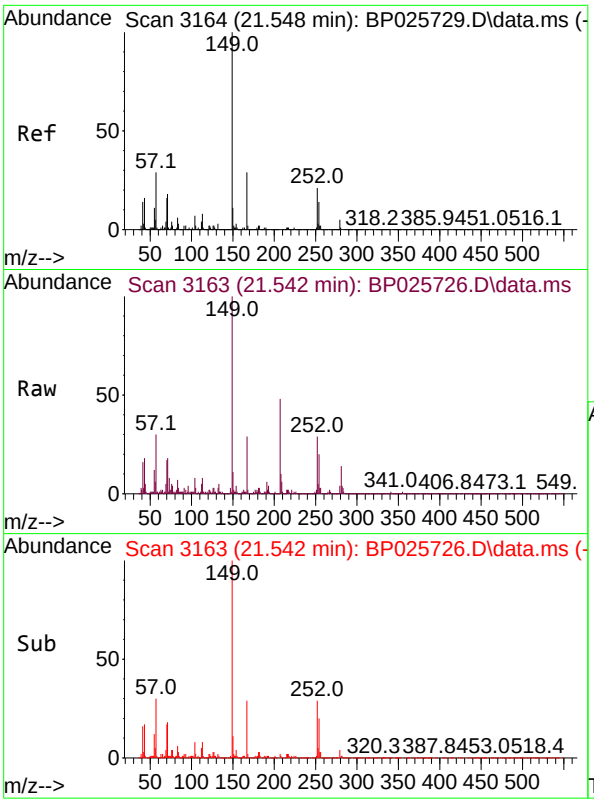


#83
Chrysene
Concen: 5.040 ng
RT: 21.683 min Scan# 3187
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:228 Resp: 271250

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	20.0	15.6	23.4

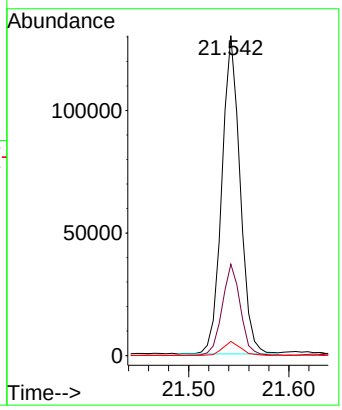




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.673 ng
RT: 21.542 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:149 Resp: 16493

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.9	34.3
279	4.4	3.8	5.8



Instrument :
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ClientSampleId :
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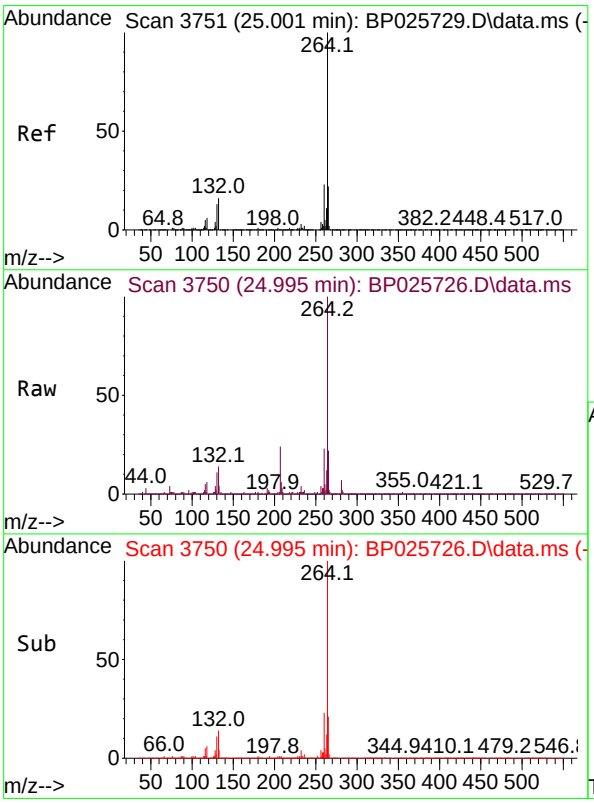
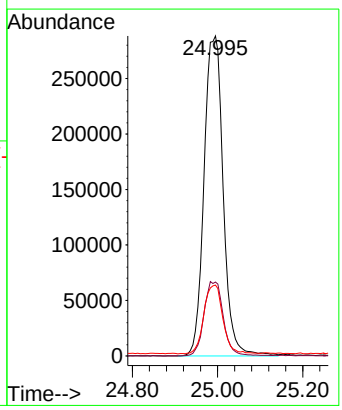
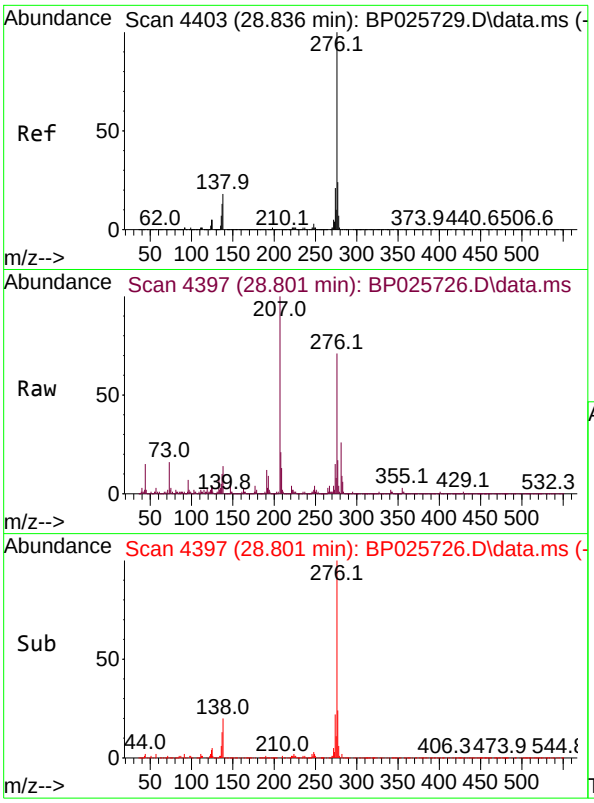


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:264 Resp: 899115

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	22.2	17.3	25.9

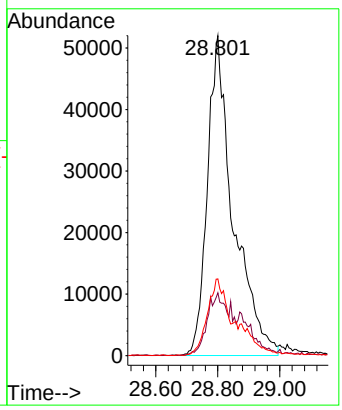




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.607 ng
RT: 28.801 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:276 Resp: 30122

Ion	Ratio	Lower	Upper
276	100		
138	14.1	13.4	20.2
277	17.9	9.1	13.7



Instrument :
BNA_P
ClientSampleId :
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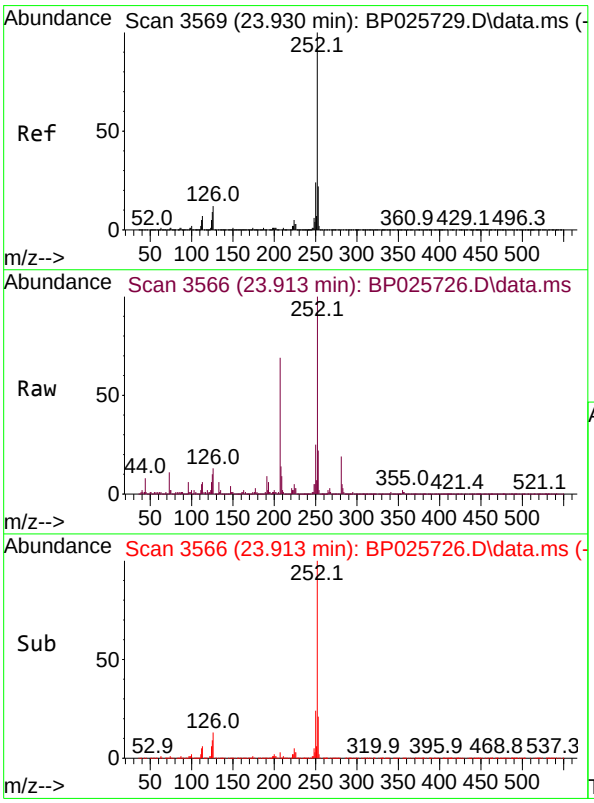
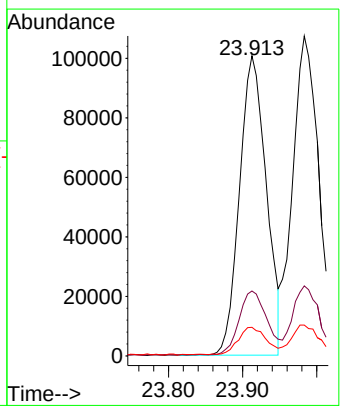
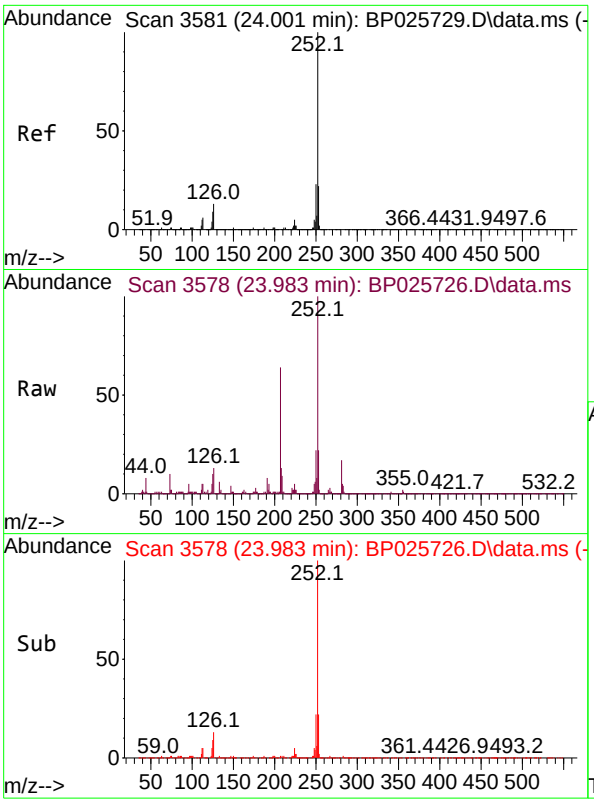


#88
Benzo(b)fluoranthene
Concen: 4.595 ng
RT: 23.913 min Scan# 3566
Delta R.T. -0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:252 Resp: 252672

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	9.5	7.3	10.9

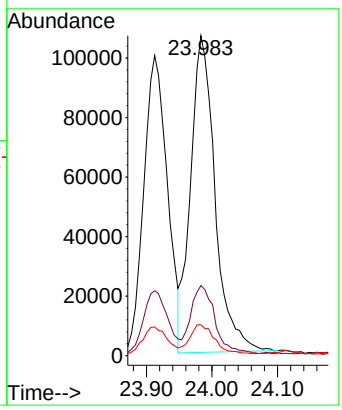




#89
Benzo(k)fluoranthene
Concen: 4.918 ng
RT: 23.983 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:252 Resp: 27594

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.6	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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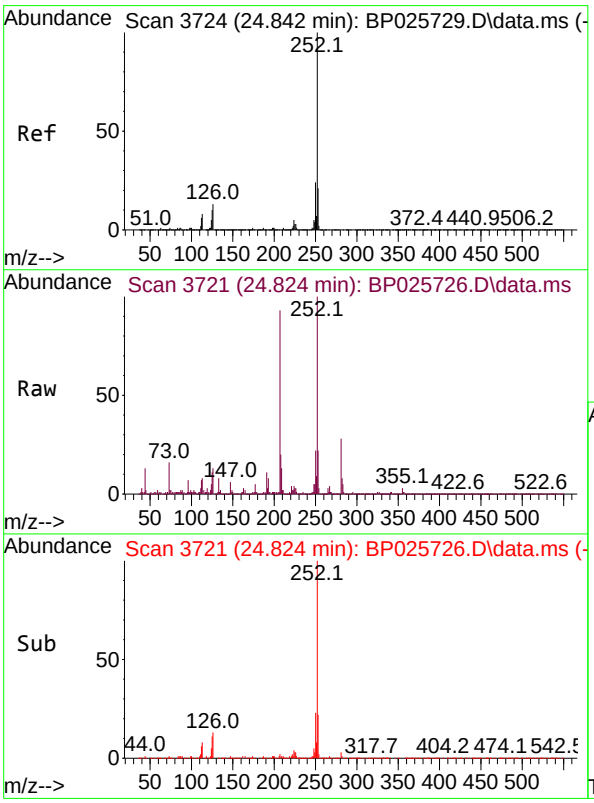
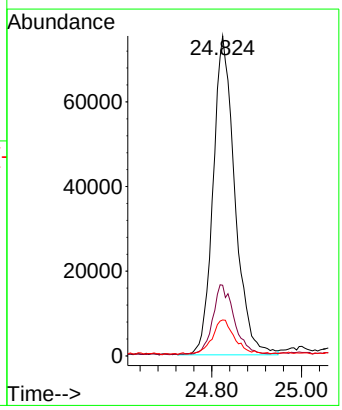
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

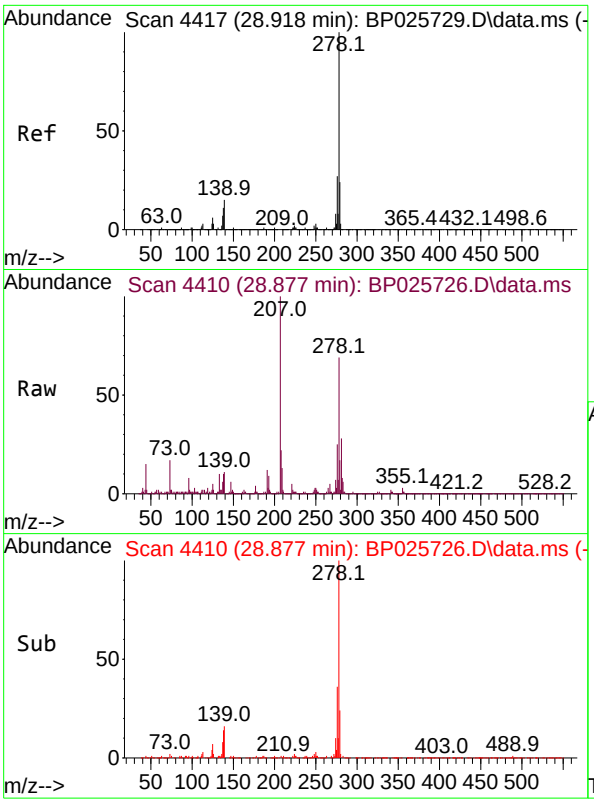


#90
Benzo(a)pyrene
Concen: 4.720 ng
RT: 24.824 min Scan# 3721
Delta R.T. -0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:252 Resp: 254148

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.2	8.3	12.5

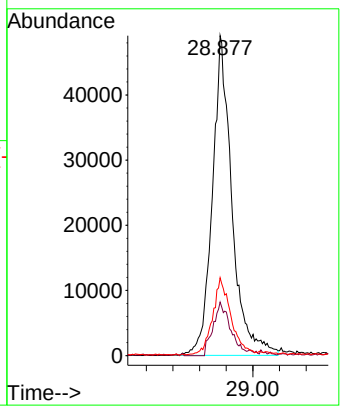




#91
Dibenzo(a,h)anthracene
Concen: 4.687 ng
RT: 28.877 min Scan# 44
Delta R.T. -0.041 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:278 Resp: 25080

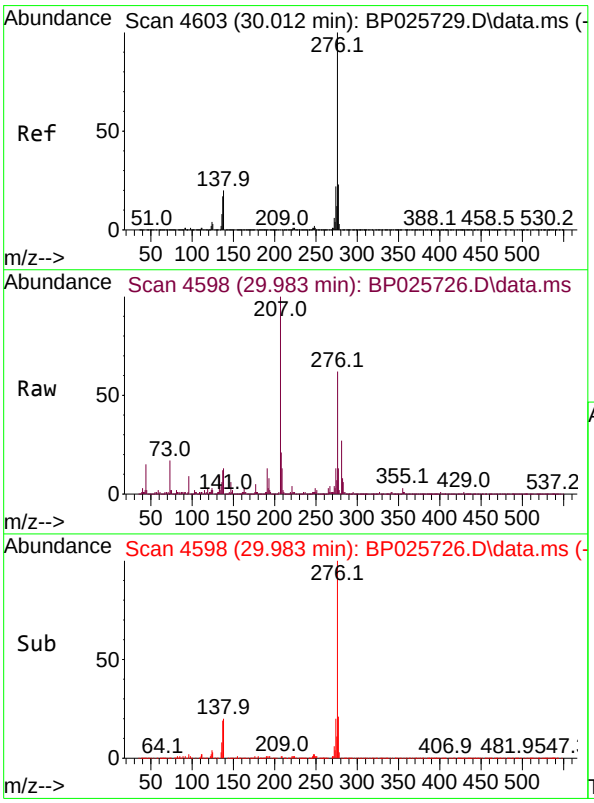
Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.1	18.1
279	24.3	19.6	29.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

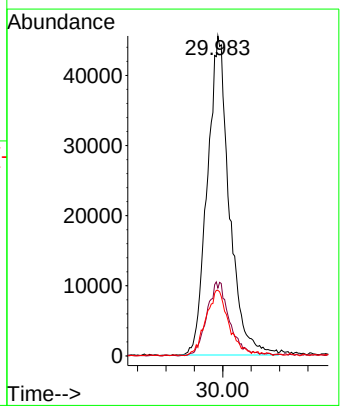
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#92
Benzo(g,h,i)perylene
Concen: 4.657 ng
RT: 29.983 min Scan# 4598
Delta R.T. -0.029 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:276 Resp: 245079

Ion	Ratio	Lower	Upper
276	100		
277	21.2	18.7	28.1
138	20.5	16.0	24.0



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025727.D
Acq On : 11 Sep 2025 10:18
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 11 16:20:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.760	152	130279	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	533074	20.000	ng		0.00
39) Acenaphthene-d10	14.366	164	373569	20.000	ng		-0.01
64) Phenanthrene-d10	17.183	188	783581	20.000	ng		0.00
76) Chrysene-d12	21.636	240	866064	20.000	ng		0.00
86) Perylene-d12	24.989	264	954952	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	146309	18.121	ng		0.00
7) Phenol-d6	6.949	99	190237	17.726	ng		0.00
23) Nitrobenzene-d5	8.902	82	218368	18.070	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	84835	18.207	ng		-0.01
45) 2-Fluorobiphenyl	12.984	172	548995	19.568	ng		0.00
79) Terphenyl-d14	19.907	244	946504	19.661	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	32347	9.545	ng		98
3) Pyridine	3.714	79	85764	9.191	ng		98
4) n-Nitrosodimethylamine	3.619	42	41618	9.452	ng		98
6) Aniline	7.096	93	129012	8.757	ng		98
8) 2-Chlorophenol	7.337	128	77937	8.799	ng		98
9) Benzaldehyde	6.913	77	67547m	10.513	ng		
10) Phenol	6.978	94	99362	8.781	ng		99
11) bis(2-Chloroethyl)ether	7.190	93	79609	8.756	ng		99
12) 1,3-Dichlorobenzene	7.649	146	94257	9.350	ng		98
13) 1,4-Dichlorobenzene	7.796	146	96090	9.357	ng		99
14) 1,2-Dichlorobenzene	8.107	146	93300	9.352	ng		99
15) Benzyl Alcohol	8.007	79	71103	8.018	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.278	45	138959	9.346	ng		98
17) 2-Methylphenol	8.207	107	67077	8.792	ng		99
18) Hexachloroethane	8.831	117	36252	9.242	ng		95
19) n-Nitroso-di-n-propyla...	8.554	70	68213	9.222	ng		98
20) 3+4-Methylphenols	8.537	107	88058	8.241	ng		99
22) Acetophenone	8.572	105	130184	9.138	ng	#	97
24) Nitrobenzene	8.943	77	96781	8.927	ng		97
25) Isophorone	9.466	82	193432	9.106	ng		98
26) 2-Nitrophenol	9.654	139	41028	8.524	ng		93
27) 2,4-Dimethylphenol	9.719	122	76321	9.038	ng		94
28) bis(2-Chloroethoxy)met...	9.937	93	112758	9.183	ng		99
29) 2,4-Dichlorophenol	10.207	162	71856	8.535	ng		96
30) 1,2,4-Trichlorobenzene	10.390	180	89376	9.419	ng		99
31) Naphthalene	10.572	128	274007	9.533	ng		99
32) Benzoic acid	9.837	122	45191m	7.198	ng		
33) 4-Chloroaniline	10.696	127	104287	8.705	ng		98
34) Hexachlorobutadiene	10.860	225	58279	9.541	ng		98
35) Caprolactam	11.466	113	28000m	8.645	ng		
36) 4-Chloro-3-methylphenol	11.825	107	90104	8.976	ng		97
37) 2-Methylnaphthalene	12.184	142	170398	9.230	ng		99
38) 1-Methylnaphthalene	12.401	142	184127	9.353	ng		97
40) 1,2,4,5-Tetrachloroben...	12.554	216	104709	9.250	ng		100
41) Hexachlorocyclopentadiene	12.531	237	42087	6.826	ng		94
43) 2,4,6-Trichlorophenol	12.807	196	66063	8.877	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025727.D
Acq On : 11 Sep 2025 10:18
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:20:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	72578	8.763	ng		95
46) 1,1'-Biphenyl	13.195	154	256914	9.370	ng		99
47) 2-Chloronaphthalene	13.242	162	203648	9.432	ng		99
48) 2-Nitroaniline	13.454	65	61991	8.613	ng		97
49) Acenaphthylene	14.089	152	334623	9.354	ng		99
50) Dimethylphthalate	13.825	163	267725	9.387	ng		99
51) 2,6-Dinitrotoluene	13.942	165	54414	9.005	ng		99
52) Acenaphthene	14.437	154	196467	9.523	ng		100
53) 3-Nitroaniline	14.284	138	52642	8.285	ng		98
54) 2,4-Dinitrophenol	14.513	184	20208	9.658	ng		96
55) Dibenzofuran	14.778	168	327607	9.743	ng		99
56) 4-Nitrophenol	14.648	139	27599	9.243	ng		88
57) 2,4-Dinitrotoluene	14.748	165	74291	8.639	ng		99
58) Fluorene	15.436	166	258111	9.654	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	67402	9.034	ng		100
60) Diethylphthalate	15.213	149	274993	9.505	ng		100
61) 4-Chlorophenyl-phenyle...	15.431	204	130552	9.689	ng		98
62) 4-Nitroaniline	15.472	138	52570	8.082	ng		94
63) Azobenzene	15.731	77	258320	9.235	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	36614	7.026	ng		94
66) n-Nitrosodiphenylamine	15.654	169	224671	9.369	ng		99
67) 4-Bromophenyl-phenylether	16.354	248	79245	9.206	ng		98
68) Hexachlorobenzene	16.472	284	90039	9.379	ng		99
69) Atrazine	16.636	200	82175	8.965	ng		98
70) Pentachlorophenol	16.836	266	51635	8.150	ng		93
71) Phenanthrene	17.230	178	429178	9.655	ng		99
72) Anthracene	17.325	178	425513	9.435	ng		98
73) Carbazole	17.607	167	390923	9.323	ng		99
74) Di-n-butylphthalate	18.189	149	475436	9.240	ng		99
75) Fluoranthene	19.319	202	507116	9.513	ng		100
77) Benzidine	19.525	184	226459	9.078	ng		100
78) Pyrene	19.689	202	538053	9.311	ng		98
80) Butylbenzylphthalate	20.636	149	221238	8.731	ng		95
81) Benzo(a)anthracene	21.613	228	563687	9.507	ng		100
82) 3,3'-Dichlorobenzidine	21.530	252	184095	8.980	ng		100
83) Chrysene	21.683	228	542537	9.599	ng		99
84) Bis(2-ethylhexyl)phtha...	21.542	149	338402	9.129	ng		100
85) Di-n-octyl phthalate	22.818	149	569524	8.637	ng		98
87) Indeno(1,2,3-cd)pyrene	28.789	276	637024	9.173	ng	#	85
88) Benzo(b)fluoranthene	23.918	252	546577	9.360	ng		99
89) Benzo(k)fluoranthene	23.989	252	558830	9.378	ng		99
90) Benzo(a)pyrene	24.830	252	525444	9.188	ng		99
91) Dibenzo(a,h)anthracene	28.871	278	513228	9.031	ng		97
92) Benzo(g,h,i)perylene	29.995	276	514884	9.213	ng		99

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

ICAL Form

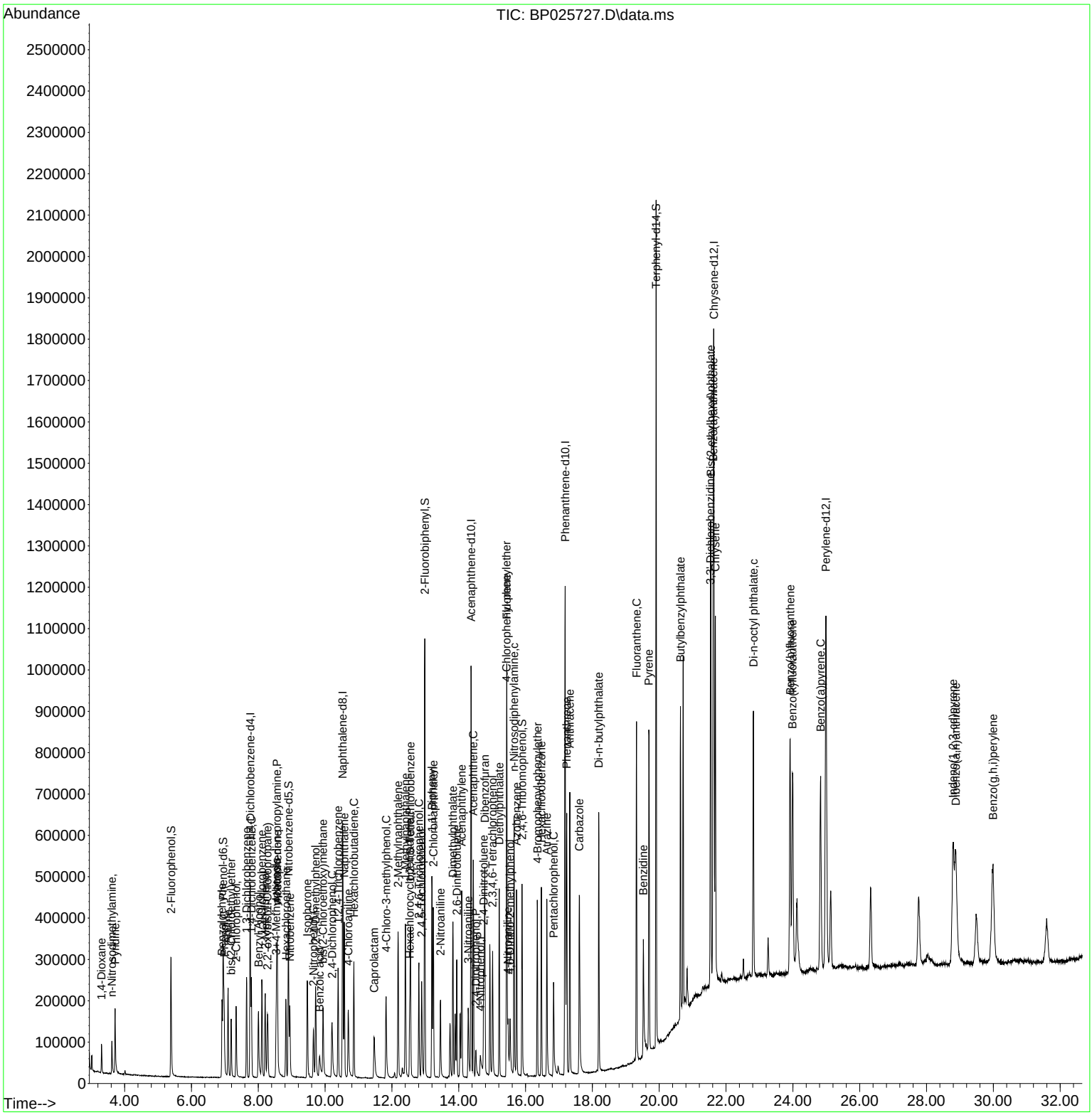
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025727.D
Acq On : 11 Sep 2025 10:18
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

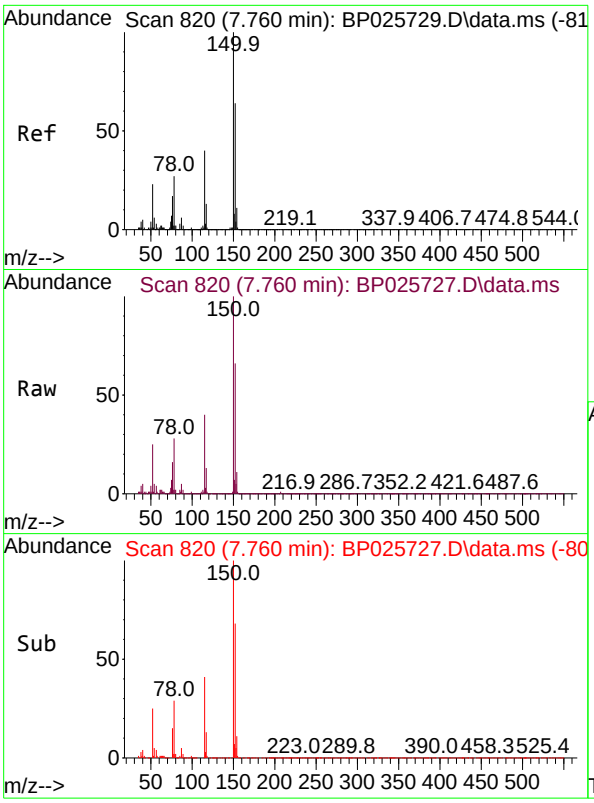
Quant Time: Sep 11 16:20:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

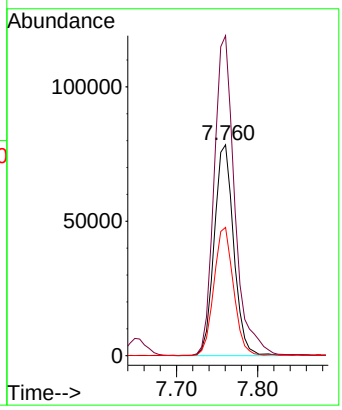




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.760 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:152 Resp: 13027

Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.3	186.5
115	60.8	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/12/2025
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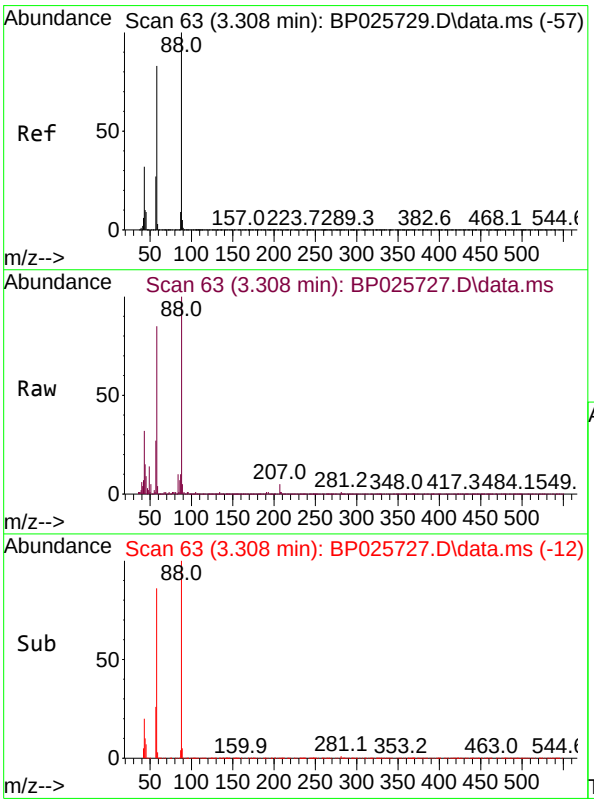
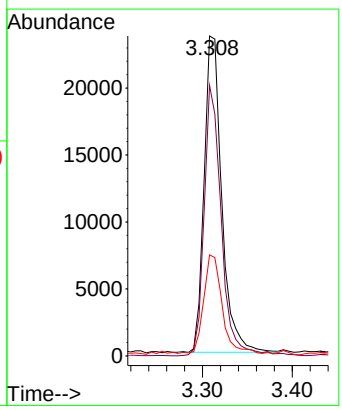
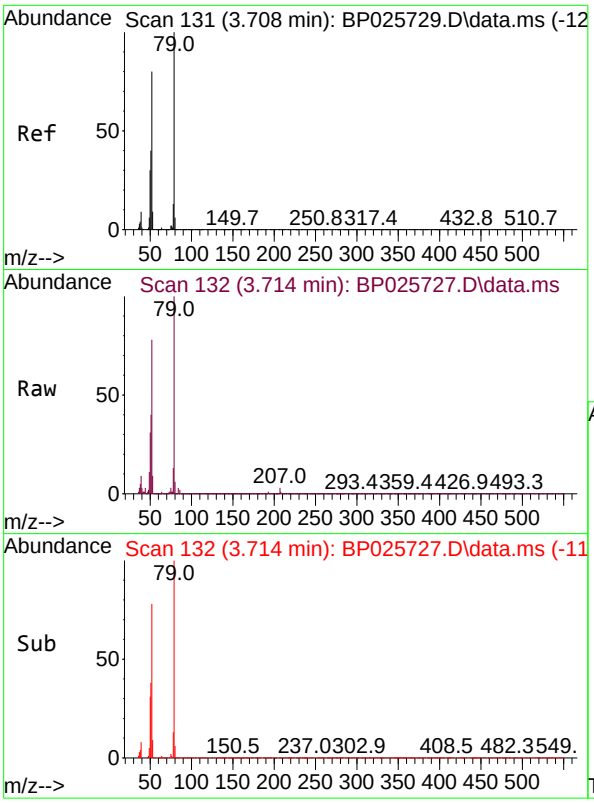


#2
1,4-Dioxane
Concen: 9.545 ng
RT: 3.308 min Scan# 63
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 88 Resp: 32347

Ion	Ratio	Lower	Upper
88	100		
58	83.4	65.5	98.3
43	32.9	25.2	37.8

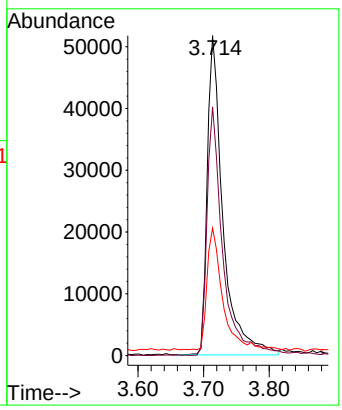




#3
Pyridine
Concen: 9.191 ng
RT: 3.714 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 79 Resp: 8576

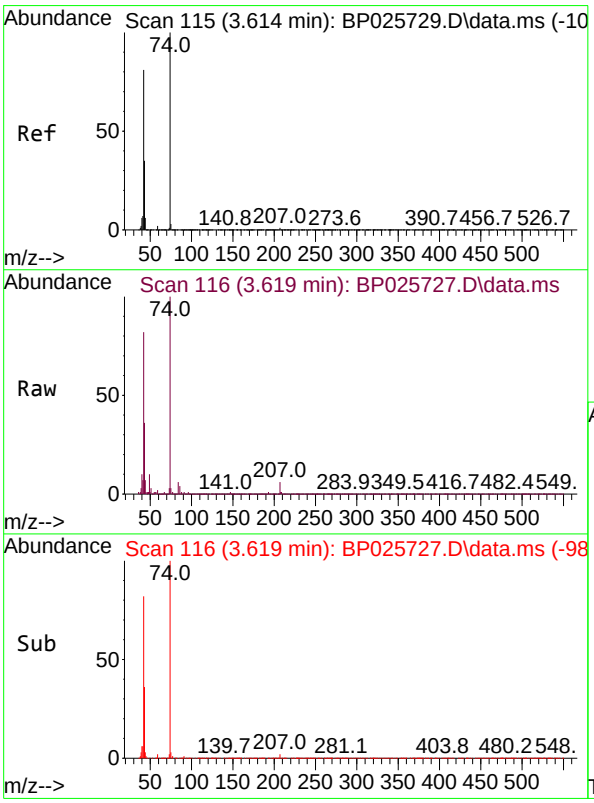
Ion	Ratio	Lower	Upper
79	100		
52	77.7	63.7	95.5
51	39.8	32.4	48.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

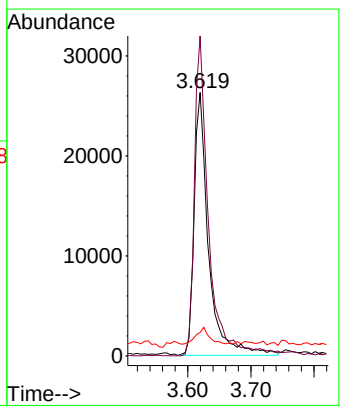
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

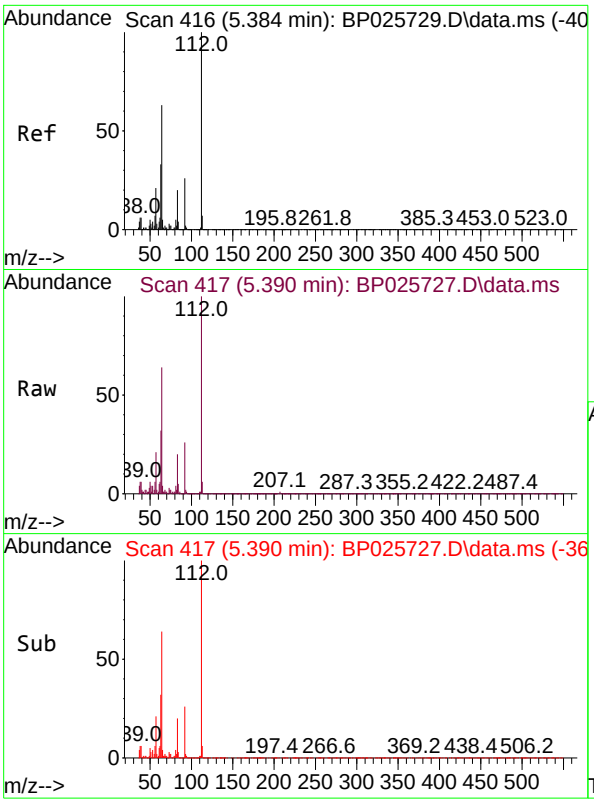


#4
n-Nitrosodimethylamine
Concen: 9.452 ng
RT: 3.619 min Scan# 116
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 42 Resp: 41618

Ion	Ratio	Lower	Upper
42	100		
74	121.4	99.2	148.8
44	8.9	6.4	9.6

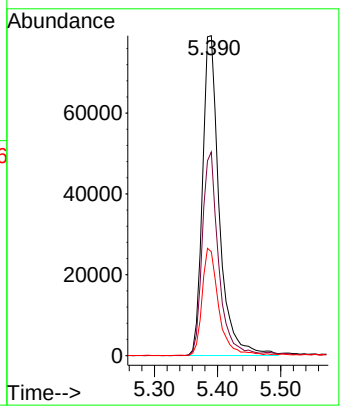




#5
2-Fluorophenol
Concen: 18.121 ng
RT: 5.390 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:112 Resp: 146309

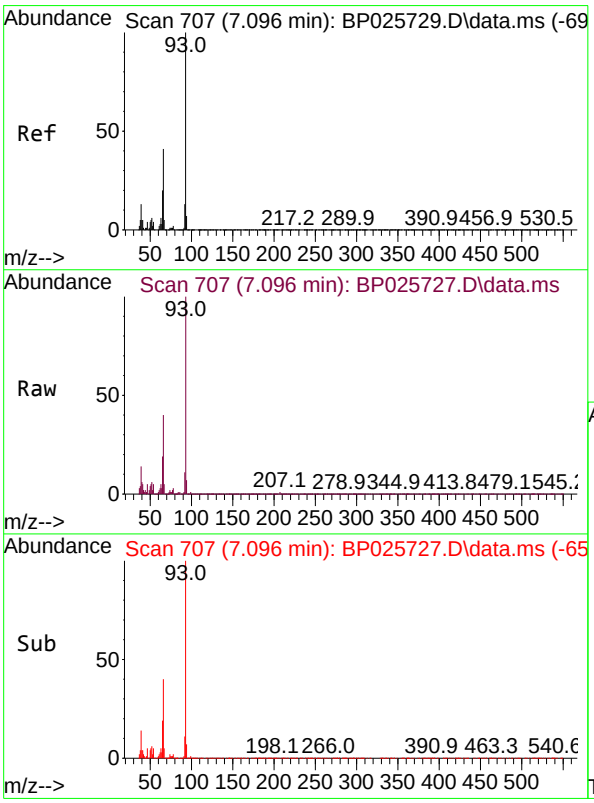
Ion	Ratio	Lower	Upper
112	100		
64	63.6	50.2	75.4
63	32.5	26.7	40.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

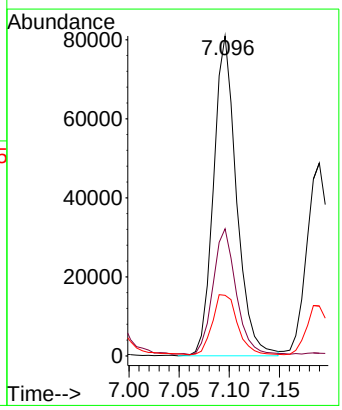
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

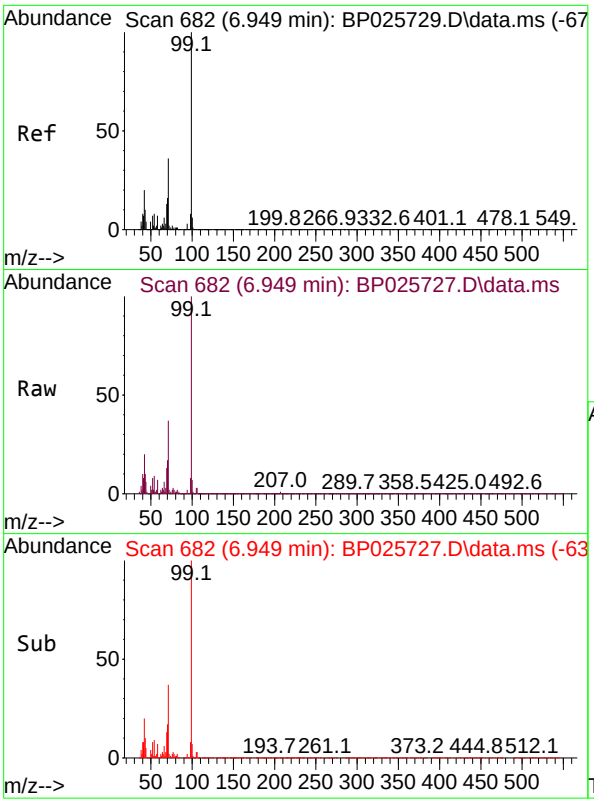


#6
Aniline
Concen: 8.757 ng
RT: 7.096 min Scan# 707
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 93 Resp: 129012

Ion	Ratio	Lower	Upper
93	100		
66	39.7	32.6	49.0
65	18.9	16.2	24.2

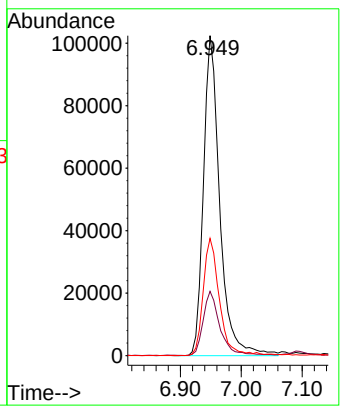




#7
Phenol-d6
Concen: 17.726 ng
RT: 6.949 min Scan# 68
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 99 Resp: 19023

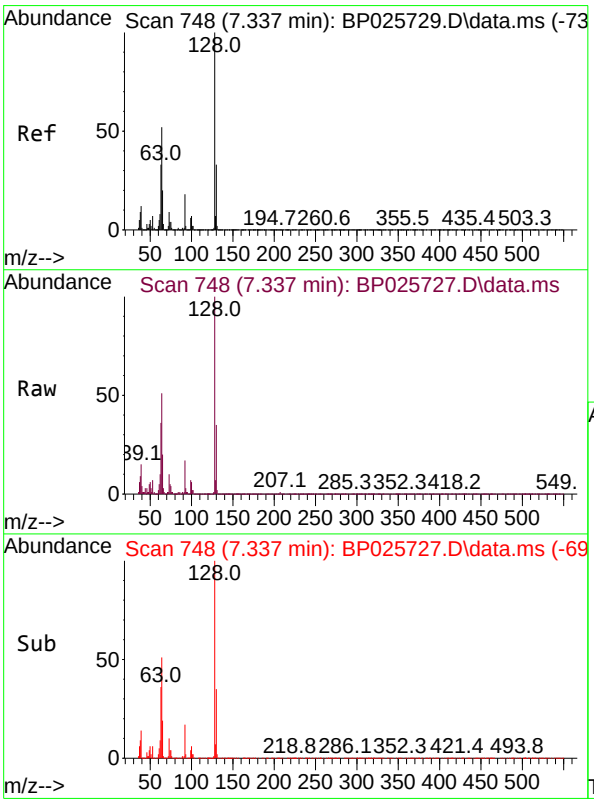
Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	36.6	28.6	43.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

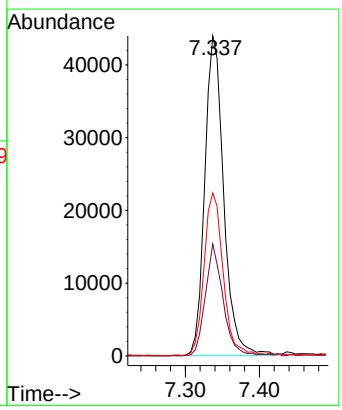
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

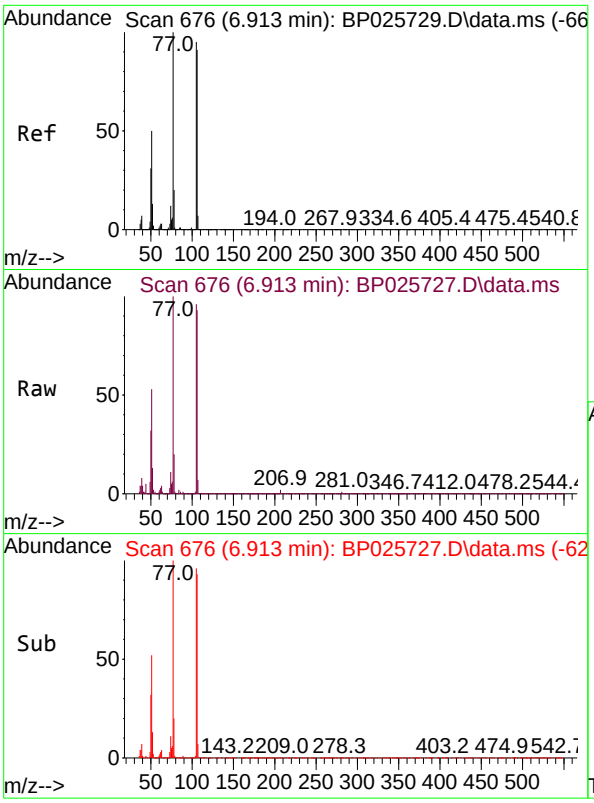


#8
2-Chlorophenol
Concen: 8.799 ng
RT: 7.337 min Scan# 748
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:128 Resp: 77937

Ion	Ratio	Lower	Upper
128	100		
130	35.0	12.6	52.6
64	50.9	31.6	71.6

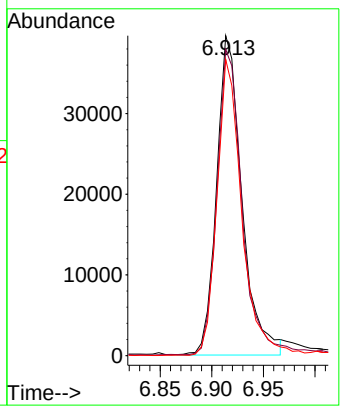




#9
Benzaldehyde
Concen: 10.513 ng m
RT: 6.913 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 77 Resp: 6754

Ion	Ratio	Lower	Upper
77	100		
105	95.6	75.2	115.2
106	92.5	71.3	111.3



Instrument :
BNA_P
ClientSampleId :
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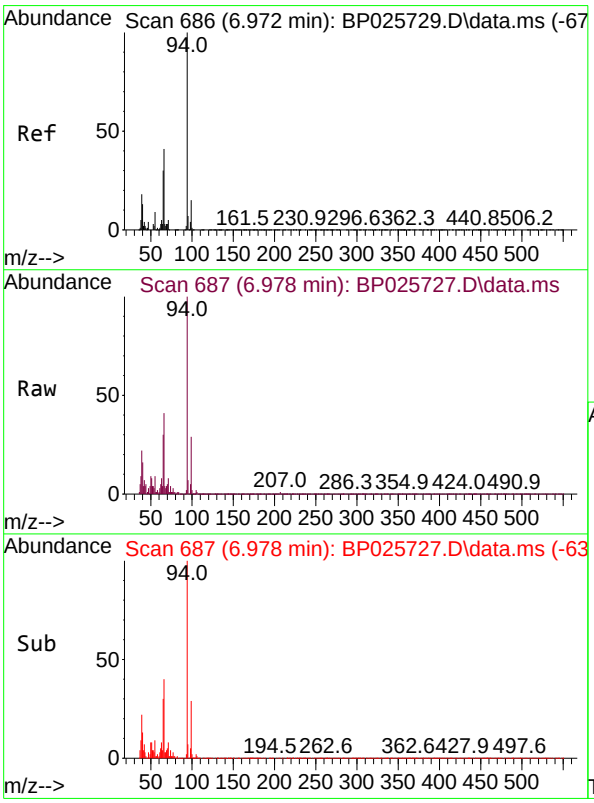
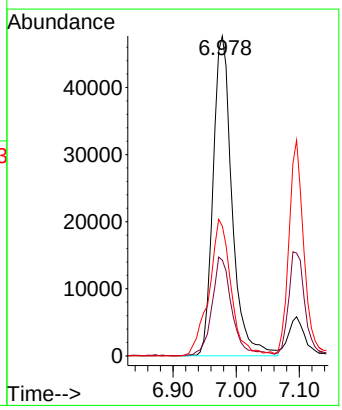
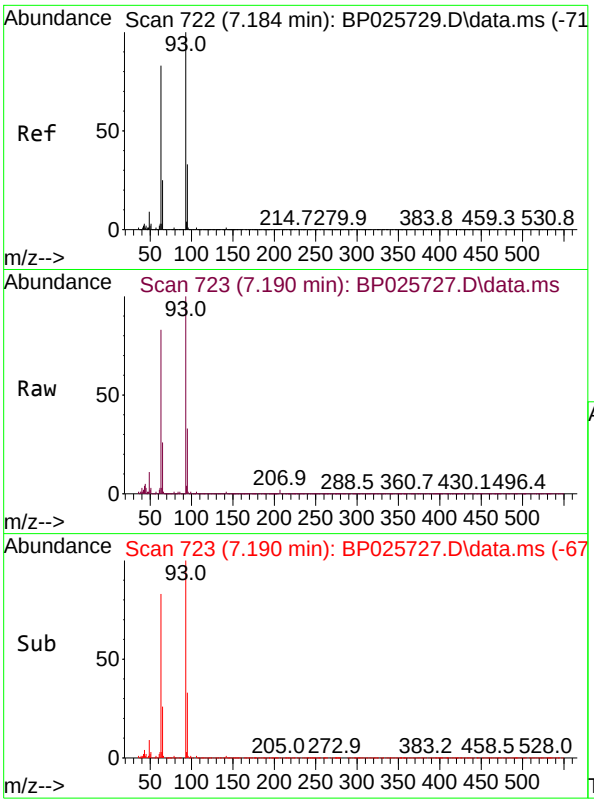


#10
Phenol
Concen: 8.781 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 94 Resp: 99362

Ion	Ratio	Lower	Upper
94	100		
65	29.9	10.2	50.2
66	40.5	21.4	61.4

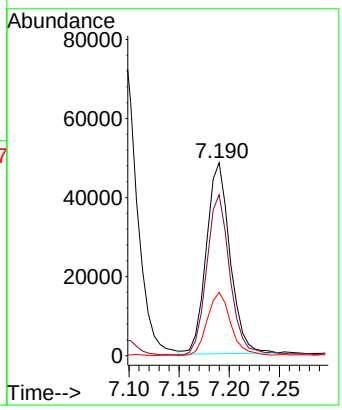




#11
bis(2-Chloroethyl)ether
Concen: 8.756 ng
RT: 7.190 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 93 Resp: 7960

Ion	Ratio	Lower	Upper
93	100		
63	83.5	62.6	102.6
95	32.8	13.2	53.2



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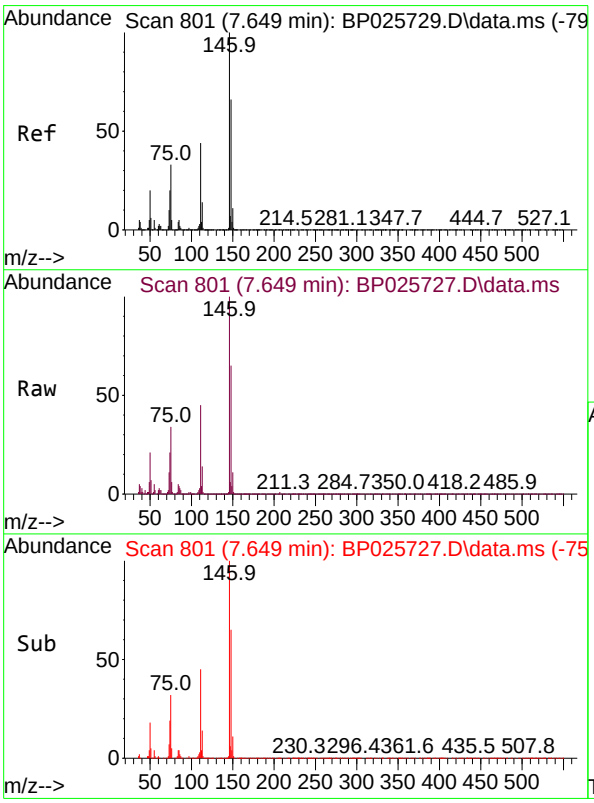
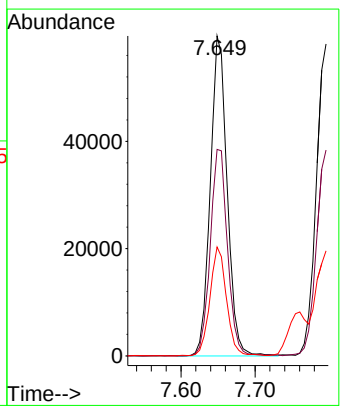
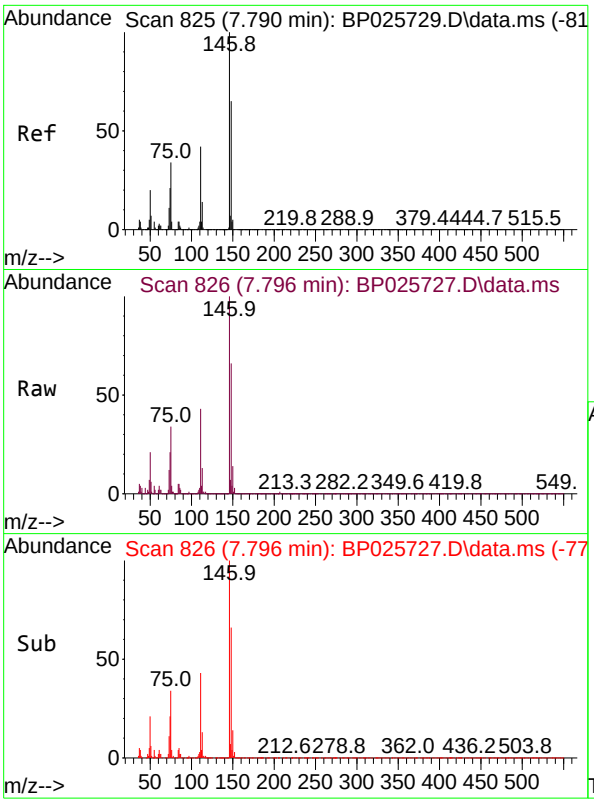


#12
1,3-Dichlorobenzene
Concen: 9.350 ng
RT: 7.649 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:146 Resp: 94257

Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.7	79.1
75	34.0	26.4	39.6

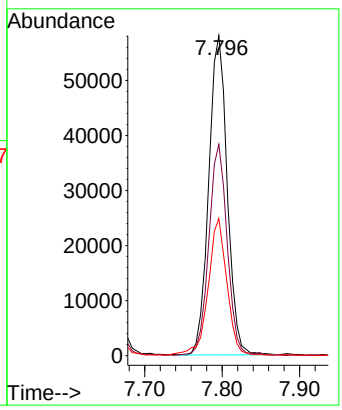




#13
1,4-Dichlorobenzene
Concen: 9.357 ng
RT: 7.796 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:146 Resp: 9609

Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.0	78.0
111	42.8	33.9	50.9



Instrument :
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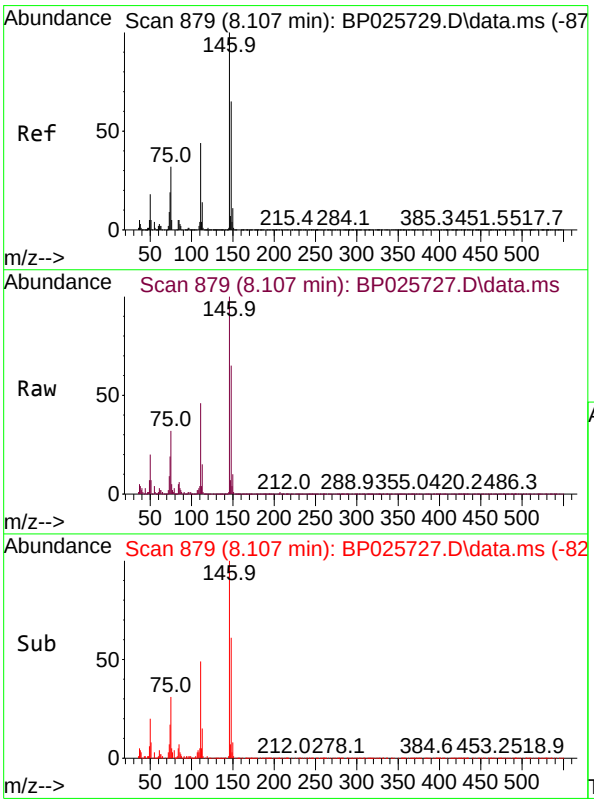
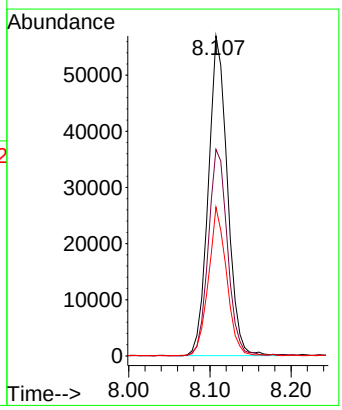
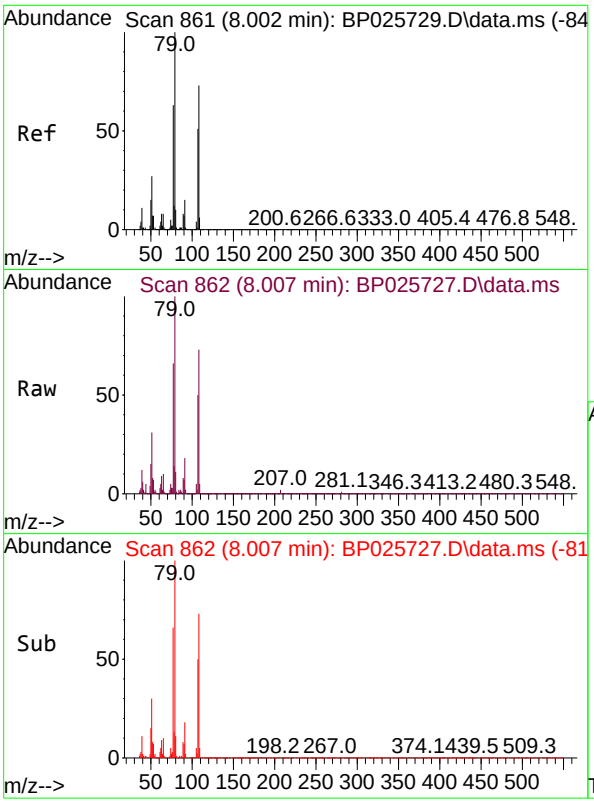


#14
1,2-Dichlorobenzene
Concen: 9.352 ng
RT: 8.107 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:146 Resp: 93300

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.7	77.5
111	46.5	35.5	53.3





#15
Benzyl Alcohol
Concen: 8.018 ng
RT: 8.007 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 79 Resp: 7110

Ion	Ratio	Lower	Upper
79	100		
108	73.0	58.7	88.1
77	66.4	50.2	75.2

Instrument :
BNA_P
ClientSampleId :
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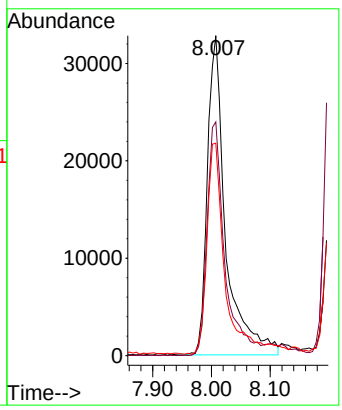
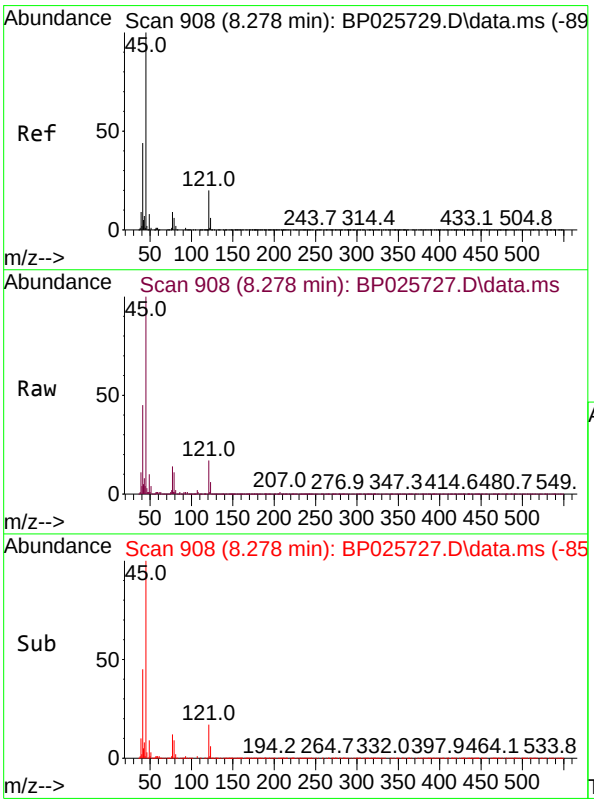
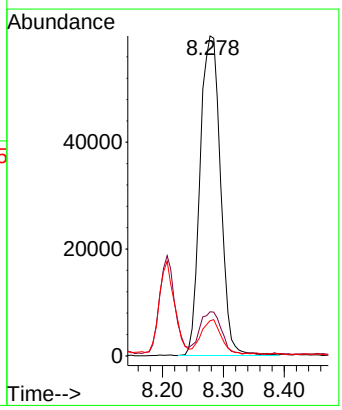


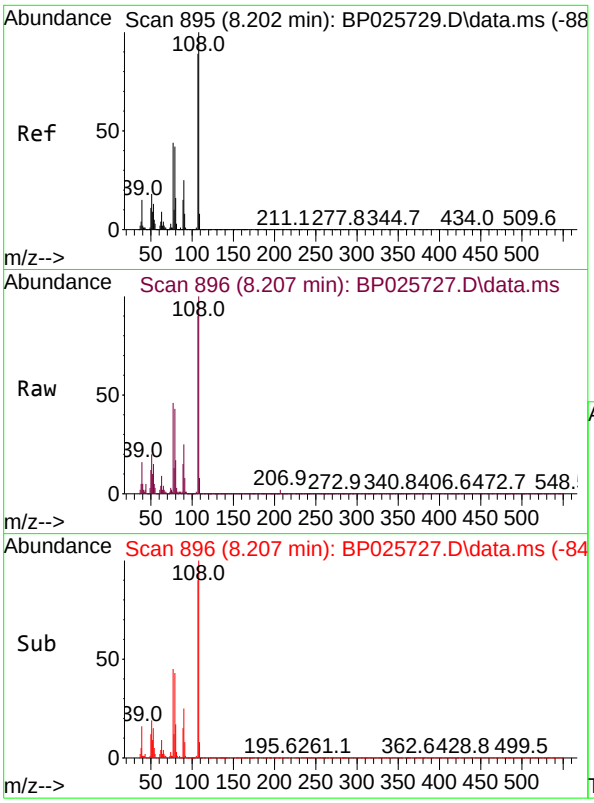


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.346 ng
RT: 8.278 min Scan# 908
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 45 Resp: 138959

Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.1
79	11.0	0.0	30.0

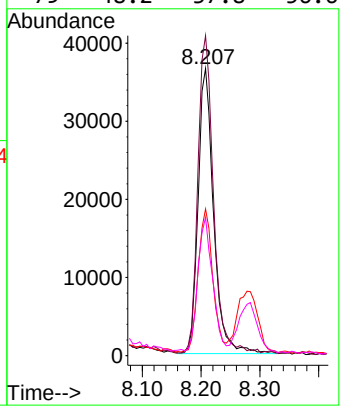




#17
2-Methylphenol
Concen: 8.792 ng
RT: 8.207 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:107 Resp: 6707

Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.6	134.4
77	51.1	39.3	58.9
79	48.2	37.8	56.6



Instrument :
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ClientSampleId :
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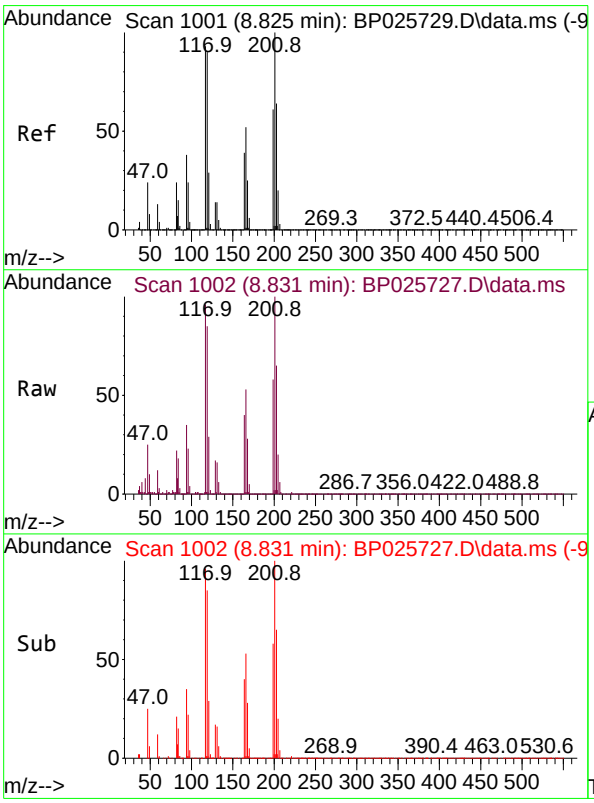
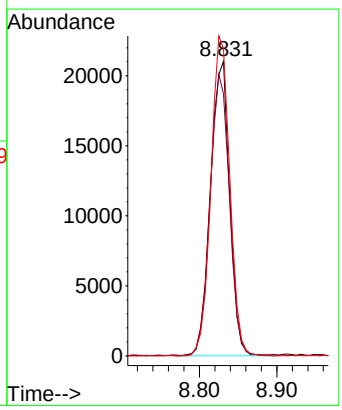
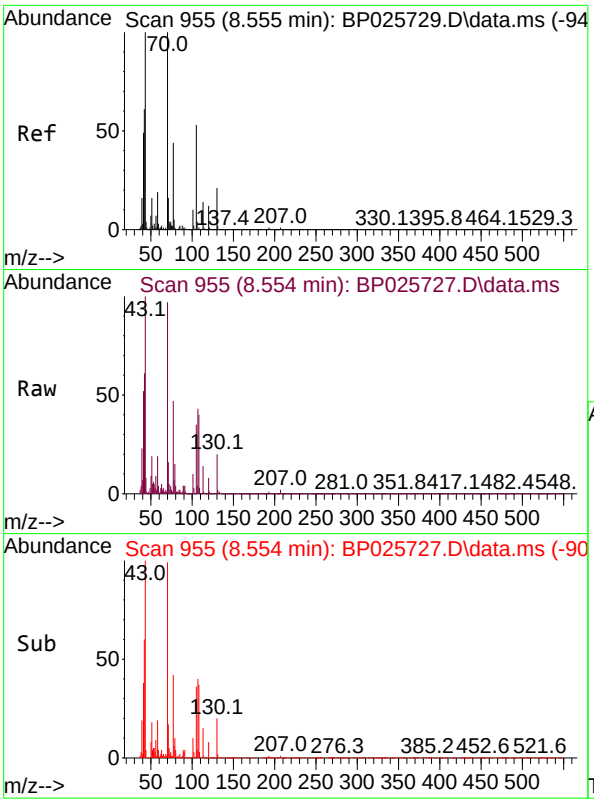


#18
Hexachloroethane
Concen: 9.242 ng
RT: 8.831 min Scan# 1002
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:117 Resp: 36252

Ion	Ratio	Lower	Upper
117	100		
119	88.9	77.1	115.7
201	104.2	85.6	128.4

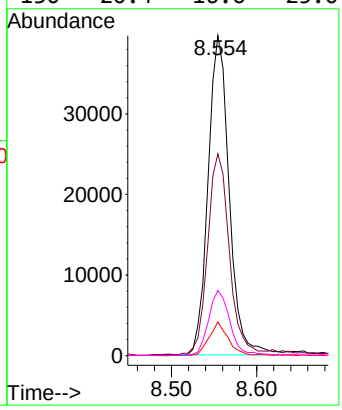




#19
n-Nitroso-di-n-propylamine
Concen: 9.222 ng
RT: 8.554 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 70 Resp: 6821

Ion	Ratio	Lower	Upper
70	100		
42	63.1	49.0	73.4
101	10.5	7.9	11.9
130	20.4	16.6	25.0



Instrument :
BNA_P
ClientSampleId :
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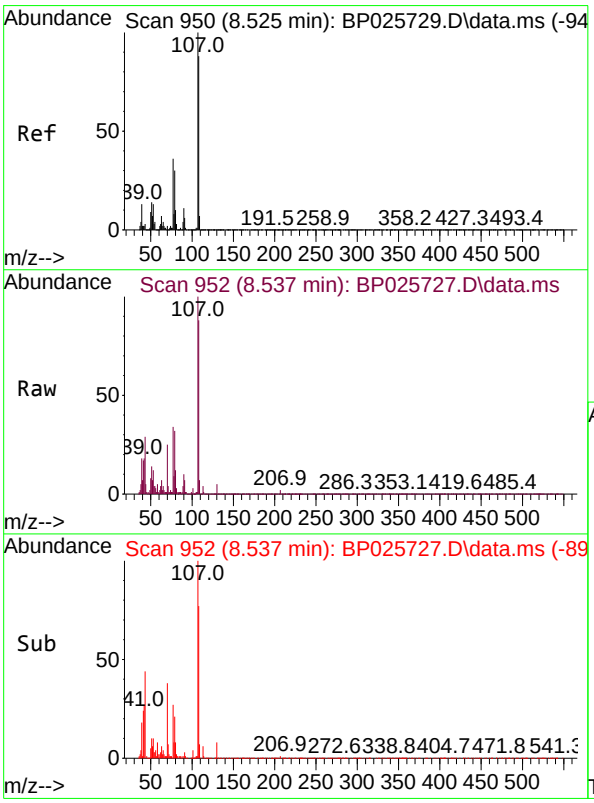
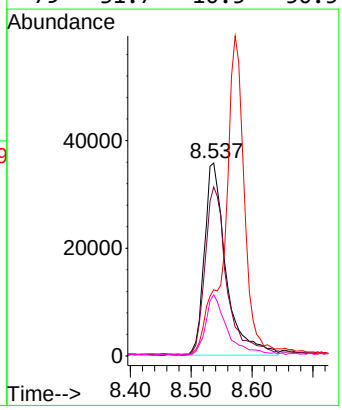
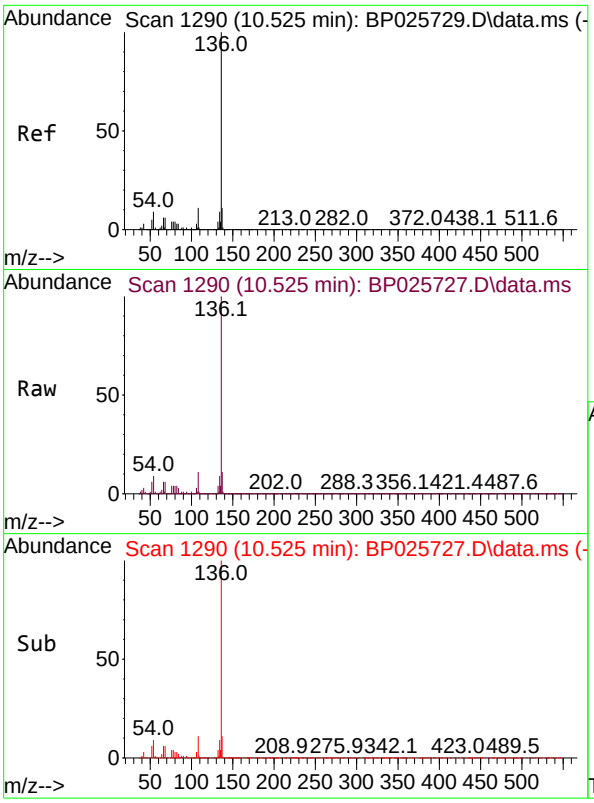


#20
3+4-Methylphenols
Concen: 8.241 ng
RT: 8.537 min Scan# 952
Delta R.T. 0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:107 Resp: 88058

Ion	Ratio	Lower	Upper
107	100		
108	87.5	67.8	107.8
77	34.3	16.1	56.1
79	31.7	10.5	50.5

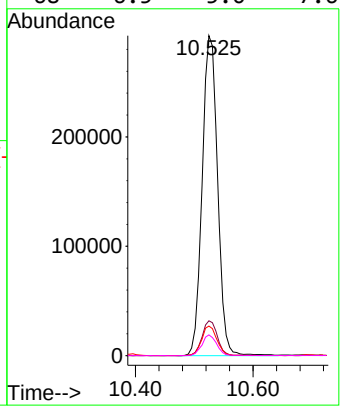




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:136 Resp: 53307

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.2	7.5	11.3
68	6.5	5.0	7.6



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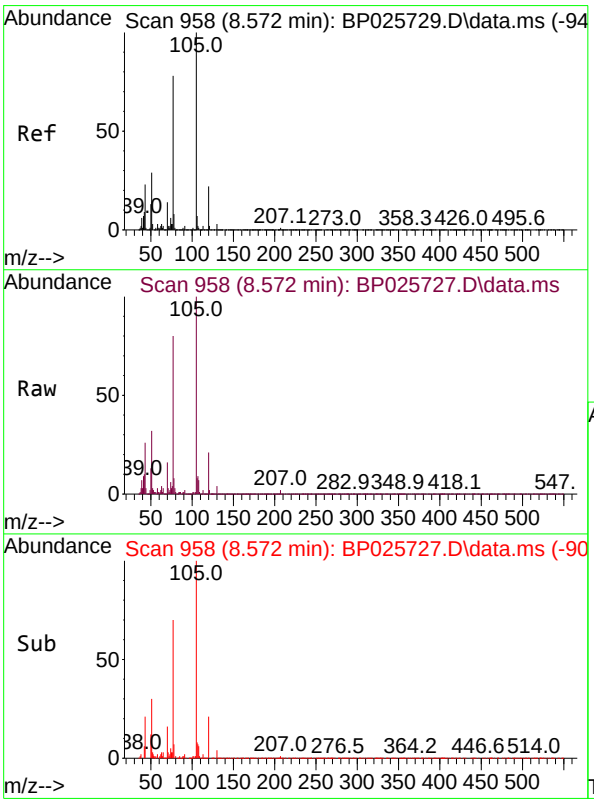
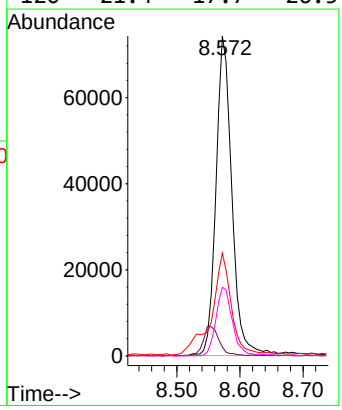
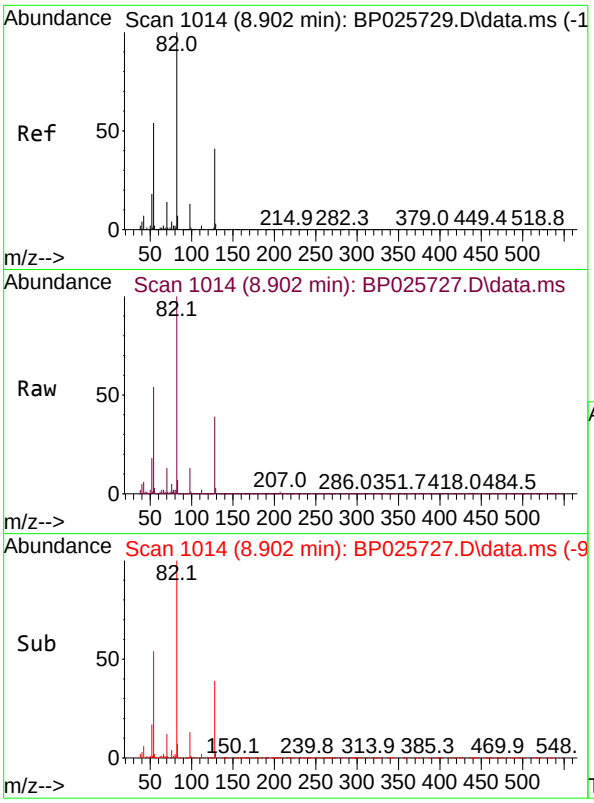


#22
Acetophenone
Concen: 9.138 ng
RT: 8.572 min Scan# 958
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:105 Resp: 130184

Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.8	2.8#
51	32.1	23.5	35.3
120	21.4	17.7	26.5

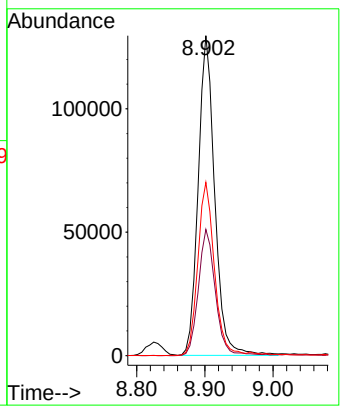




#23
Nitrobenzene-d5
Concen: 18.070 ng
RT: 8.902 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 82 Resp: 21836

Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.9	49.3
54	54.1	43.4	65.2



Instrument :
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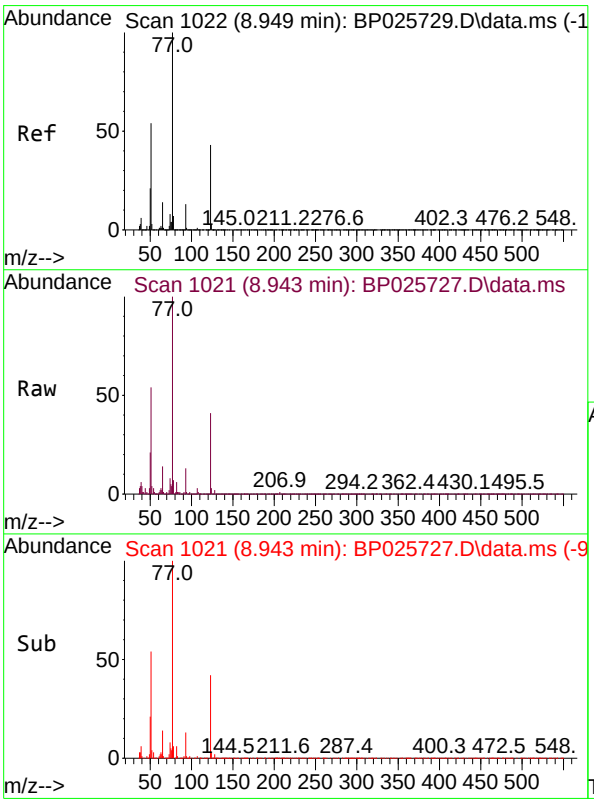
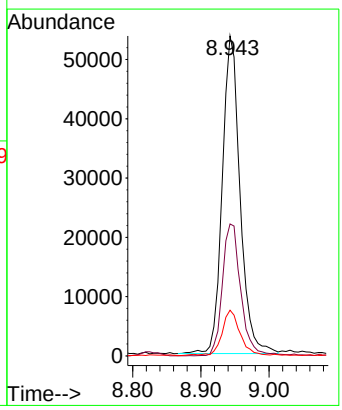
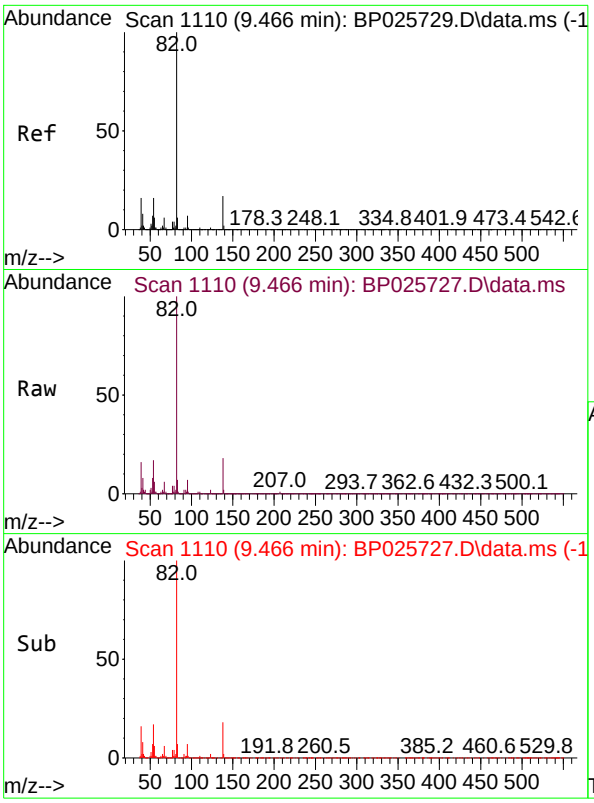


#24
Nitrobenzene
Concen: 8.927 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 77 Resp: 96781

Ion	Ratio	Lower	Upper
77	100		
123	41.2	34.4	51.6
65	14.3	10.8	16.2

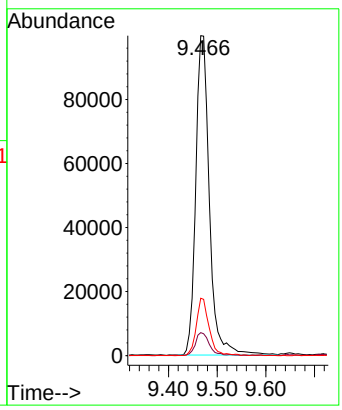




#25
Isophorone
Concen: 9.106 ng
RT: 9.466 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 82 Resp: 19343

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	17.9	13.5	20.3



Instrument :
BNA_P
ClientSampleId :
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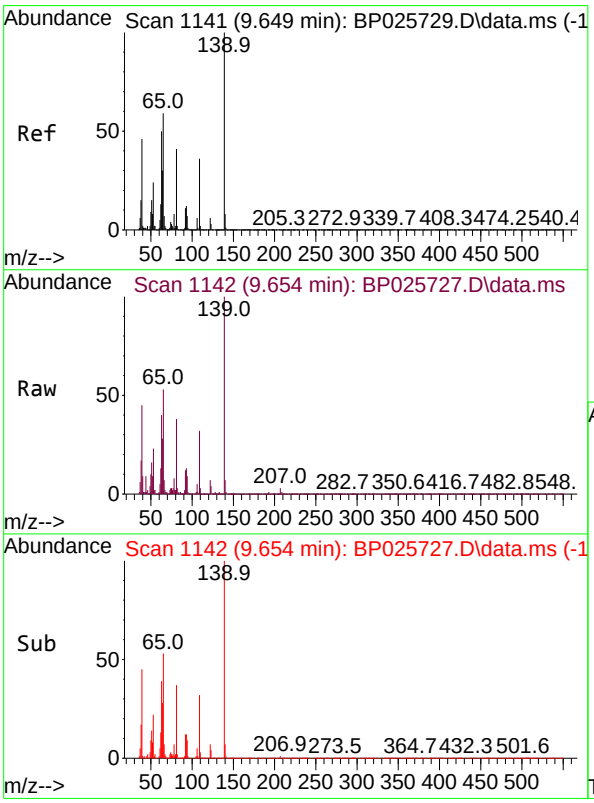
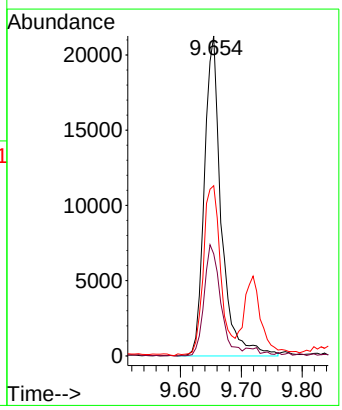
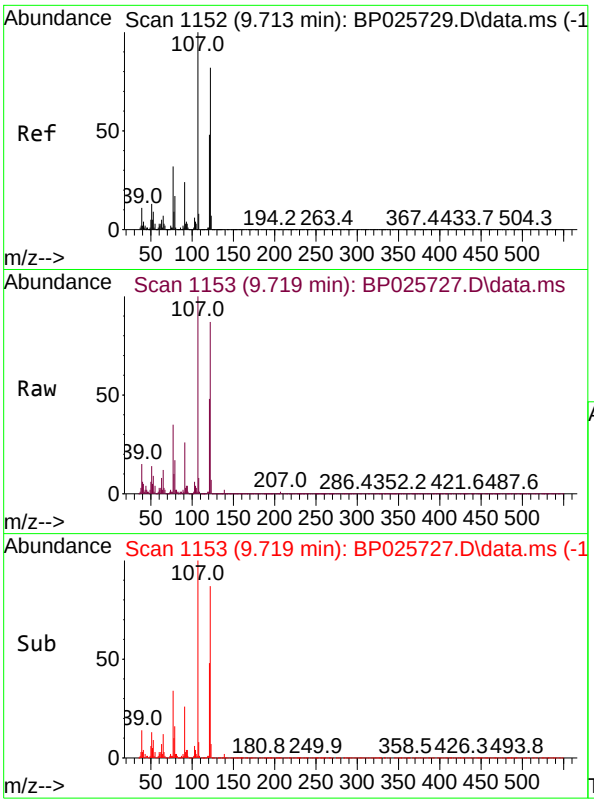


#26
2-Nitrophenol
Concen: 8.524 ng
RT: 9.654 min Scan# 1142
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:139 Resp: 41028

Ion	Ratio	Lower	Upper
139	100		
109	31.9	29.0	43.4
65	53.2	46.9	70.3

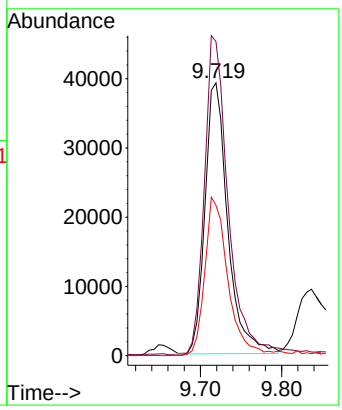




#27
2,4-Dimethylphenol
Concen: 9.038 ng
RT: 9.719 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:122 Resp: 7632

Ion	Ratio	Lower	Upper
122	100		
107	115.2	97.9	146.9
121	55.1	47.4	71.0



Instrument :
BNA_P
ClientSampleId :
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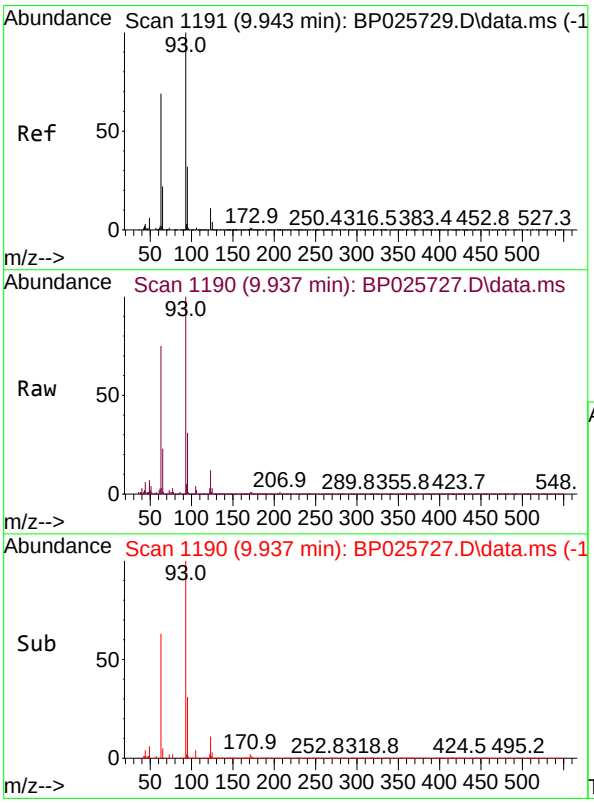
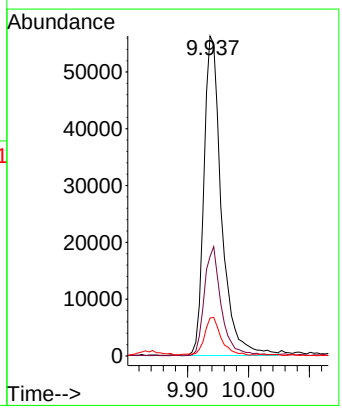
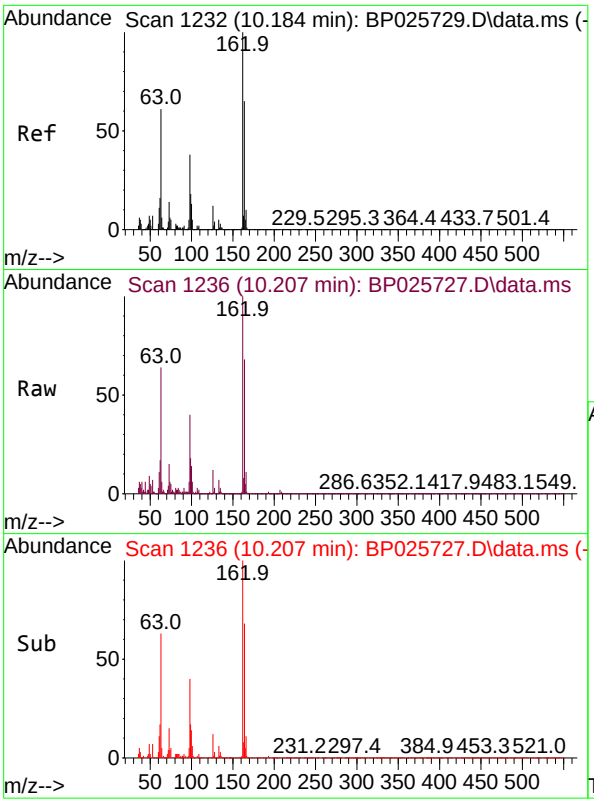


#28
bis(2-Chloroethoxy)methane
Concen: 9.183 ng
RT: 9.937 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 93 Resp: 112758

Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.6	38.4
123	11.8	9.2	13.8

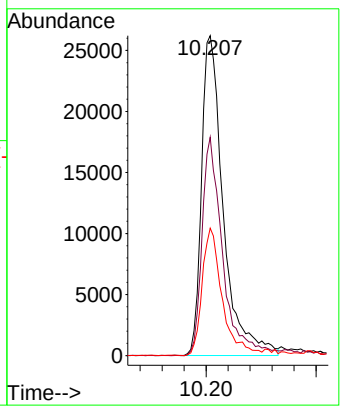




#29
2,4-Dichlorophenol
Concen: 8.535 ng
RT: 10.207 min Scan# 1
Delta R.T. 0.023 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:162 Resp: 7185

Ion	Ratio	Lower	Upper
162	100		
164	68.2	44.7	84.7
98	39.8	18.1	58.1



Instrument :
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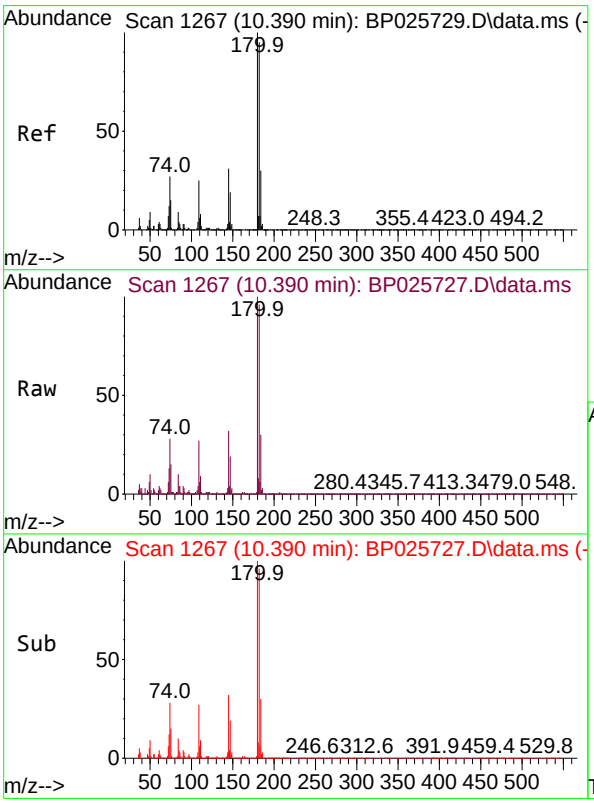
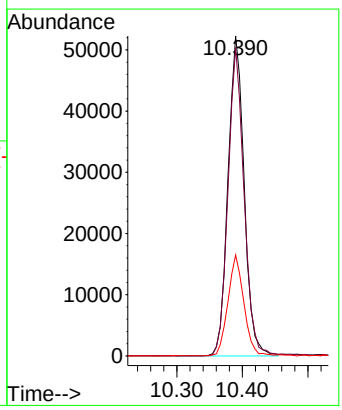
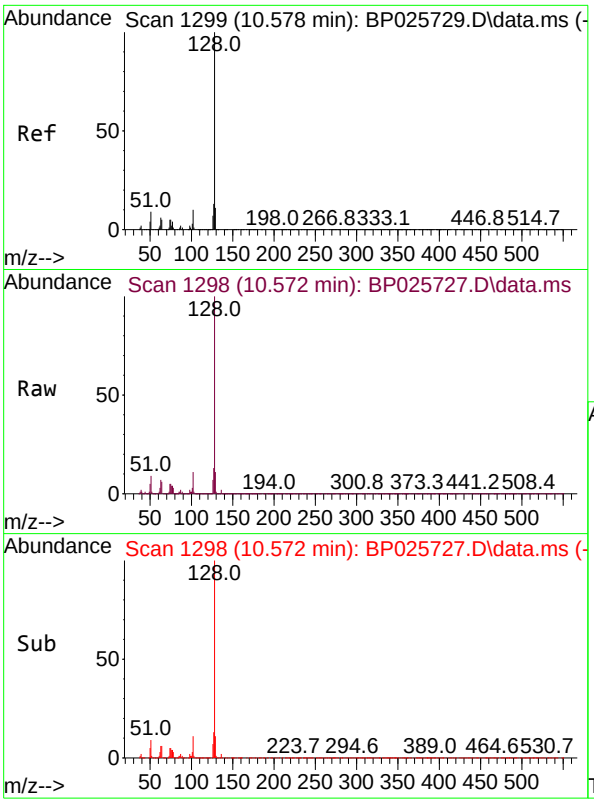


#30
1,2,4-Trichlorobenzene
Concen: 9.419 ng
RT: 10.390 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:180 Resp: 89376

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.0	114.0
145	31.5	24.7	37.1

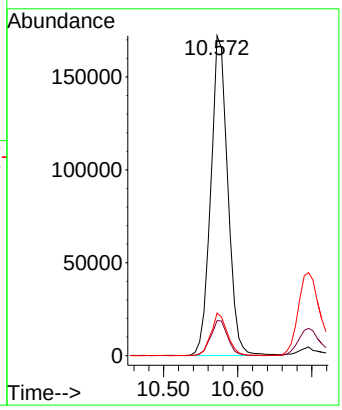




#31
Naphthalene
Concen: 9.533 ng
RT: 10.572 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:128 Resp: 27400

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.3	10.2	15.4



Instrument :
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ClientSampleId :
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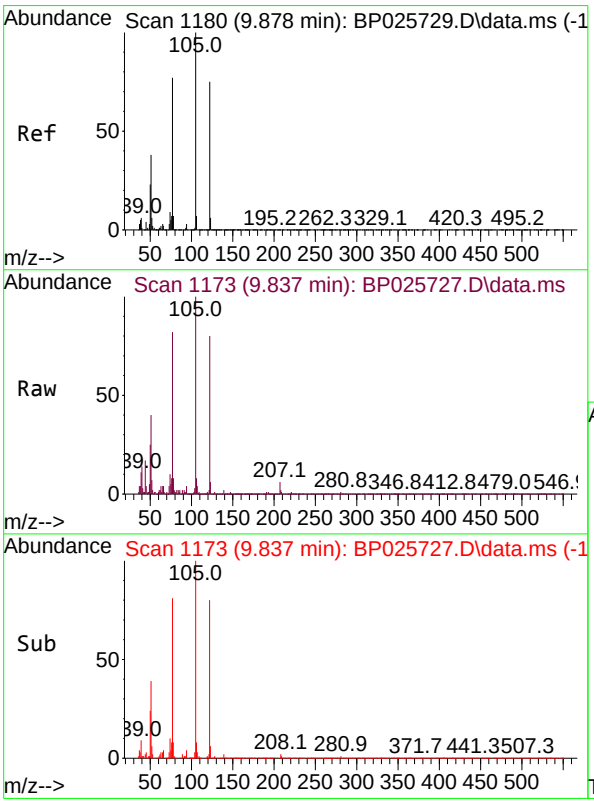
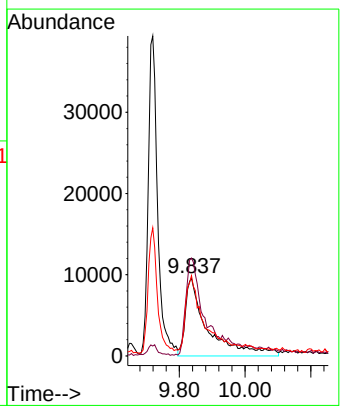
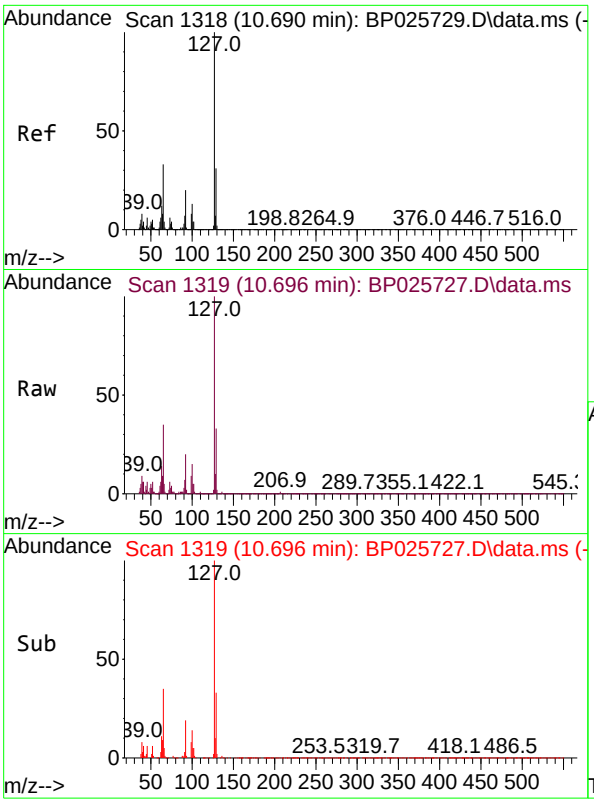


#32
Benzoic acid
Concen: 7.198 ng m
RT: 9.837 min Scan# 1173
Delta R.T. -0.041 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:122 Resp: 45191

Ion	Ratio	Lower	Upper
122	100		
105	125.6	111.5	151.5
77	103.1	81.8	121.8

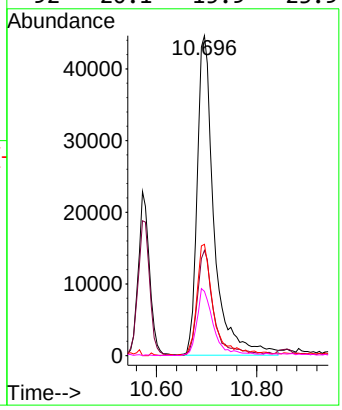




#33
4-Chloroaniline
Concen: 8.705 ng
RT: 10.696 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:127 Resp: 10428

Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.1	37.7
65	34.8	26.4	39.6
92	20.1	15.9	23.9



Instrument :
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ClientSampleId :
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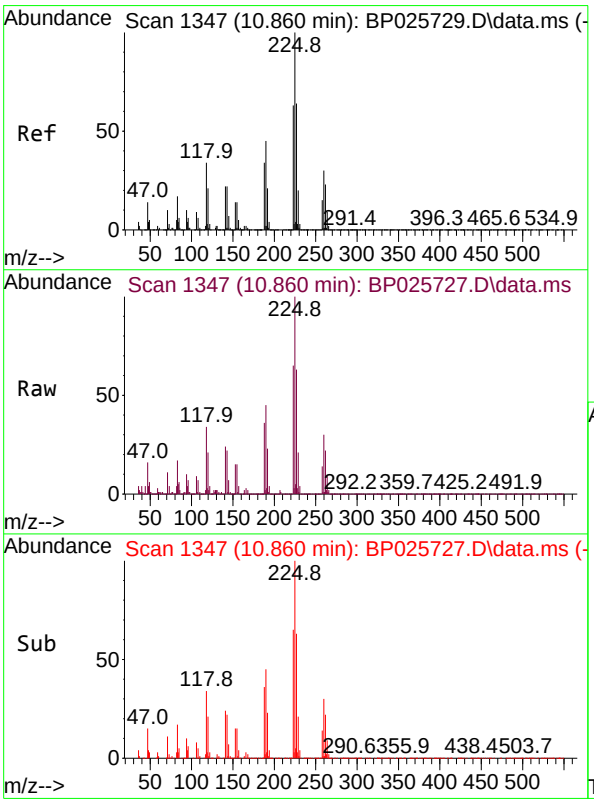
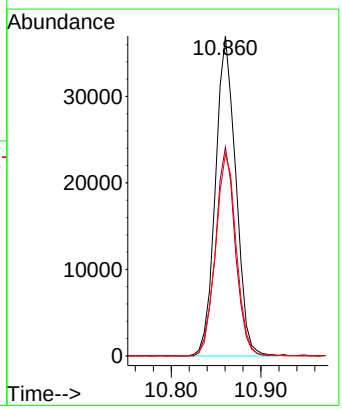
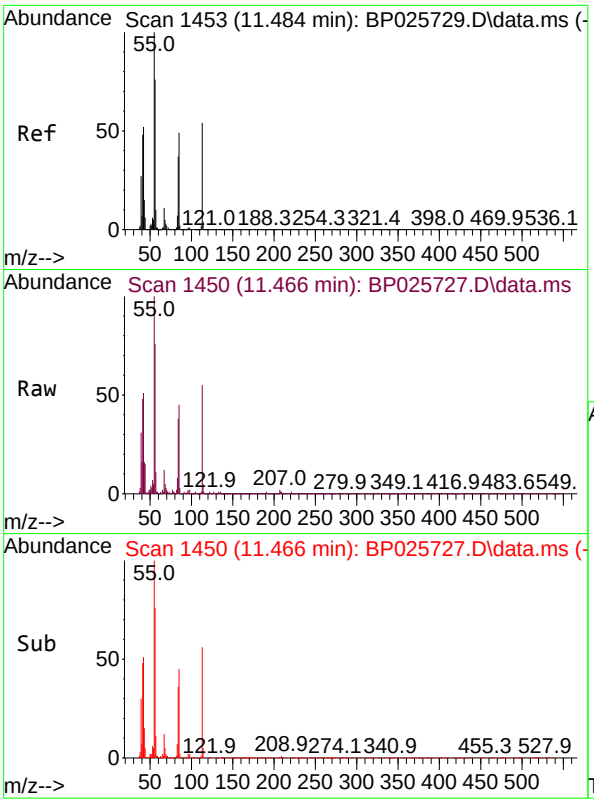


#34
Hexachlorobutadiene
Concen: 9.541 ng
RT: 10.860 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:225 Resp: 58279

Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.1	75.1
227	63.1	51.2	76.8

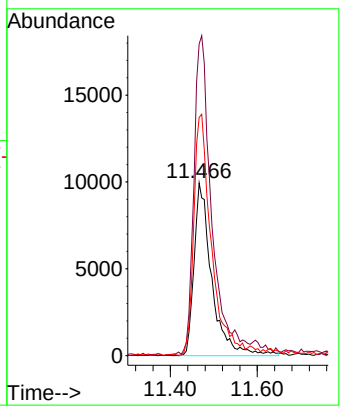




#35
Caprolactam
Concen: 8.645 ng m
RT: 11.466 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:113 Resp: 2800

Ion	Ratio	Lower	Upper
113	100		
55	180.4	165.5	205.5
56	137.8	121.1	161.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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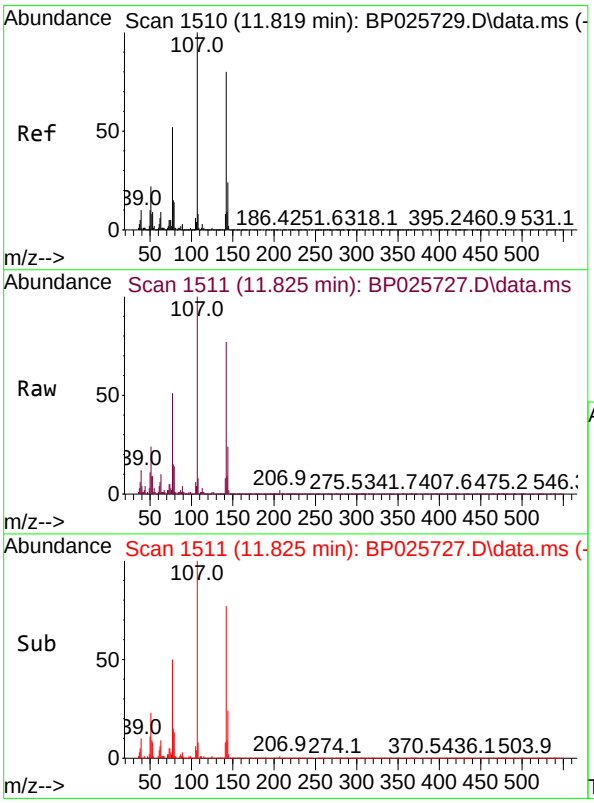
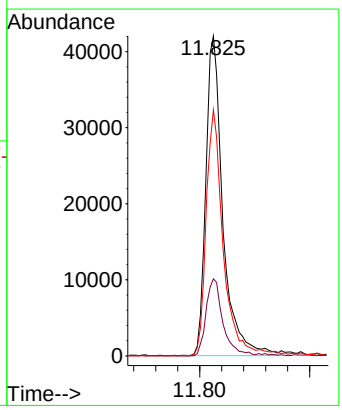
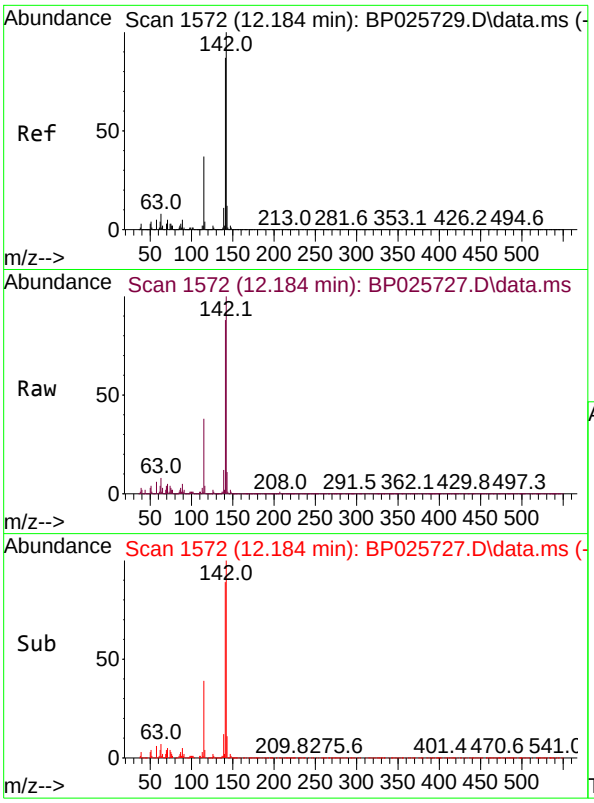


#36
4-Chloro-3-methylphenol
Concen: 8.976 ng
RT: 11.825 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:107 Resp: 90104

Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.4	29.2
142	76.9	63.8	95.6

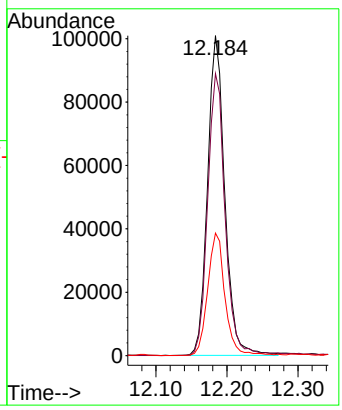




#37
2-Methylnaphthalene
Concen: 9.230 ng
RT: 12.184 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:142 Resp: 170398

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.6	104.4
115	38.3	30.0	45.0



Instrument :
BNA_P
ClientSampleId :
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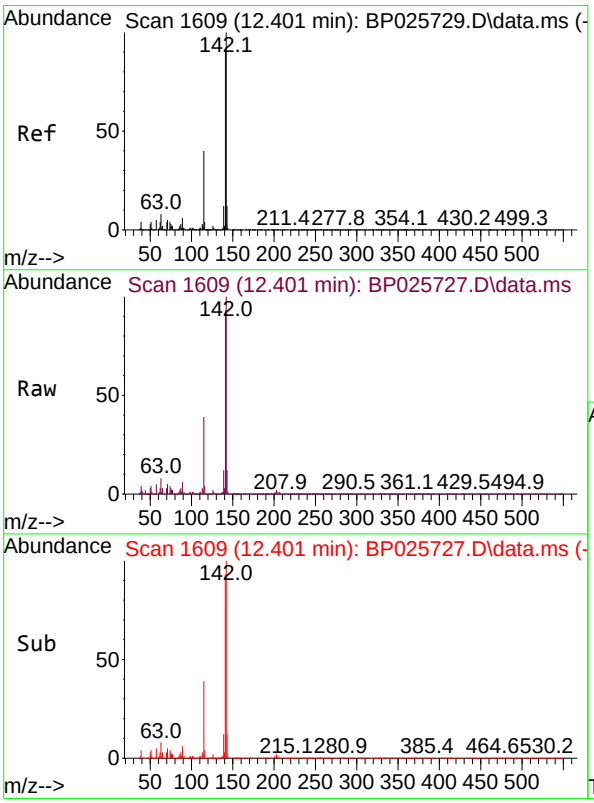
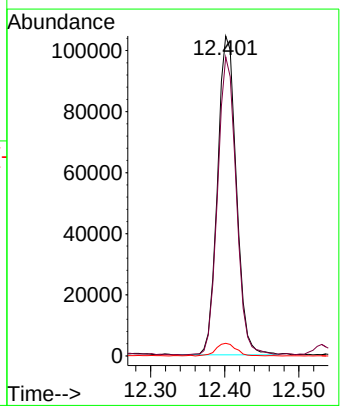
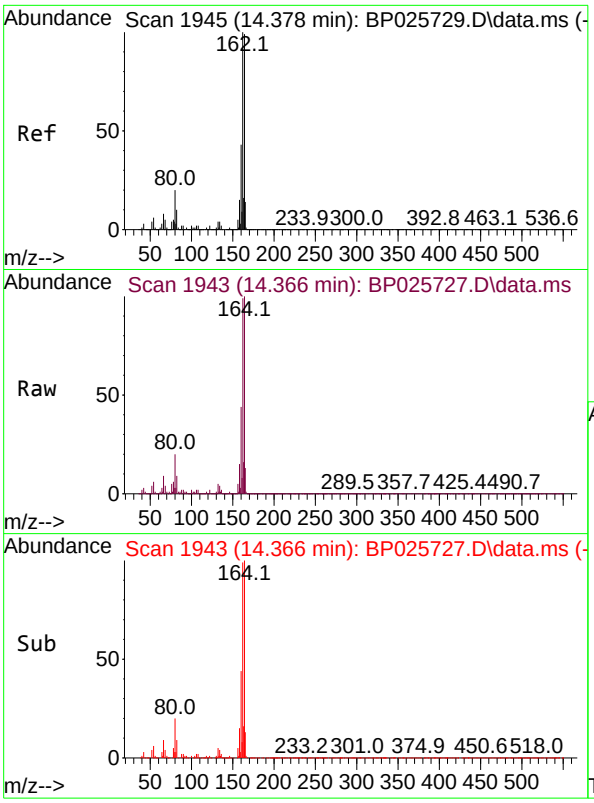


#38
1-Methylnaphthalene
Concen: 9.353 ng
RT: 12.401 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:142 Resp: 184127

Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.7	109.1
116	3.9	3.5	5.3

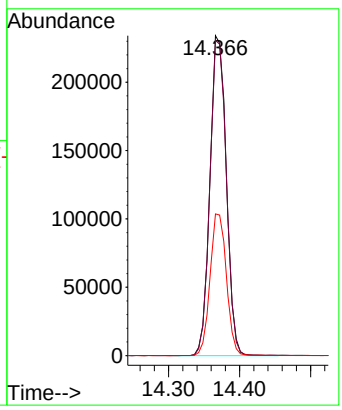




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.366 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:164 Resp: 373569

Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.6	120.8
160	44.3	35.0	52.6



Instrument :
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ClientSampleId :
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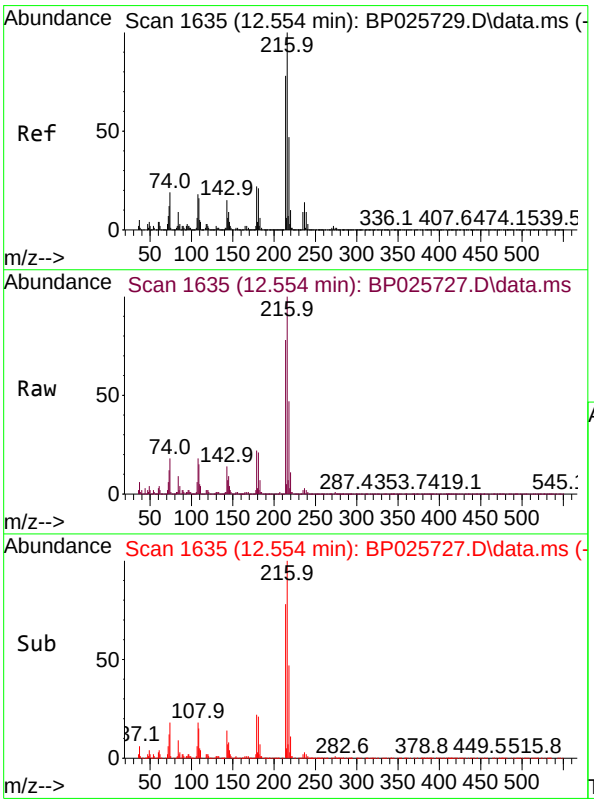
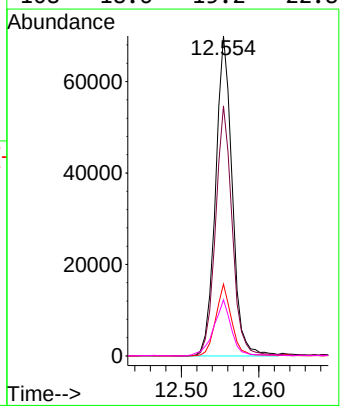
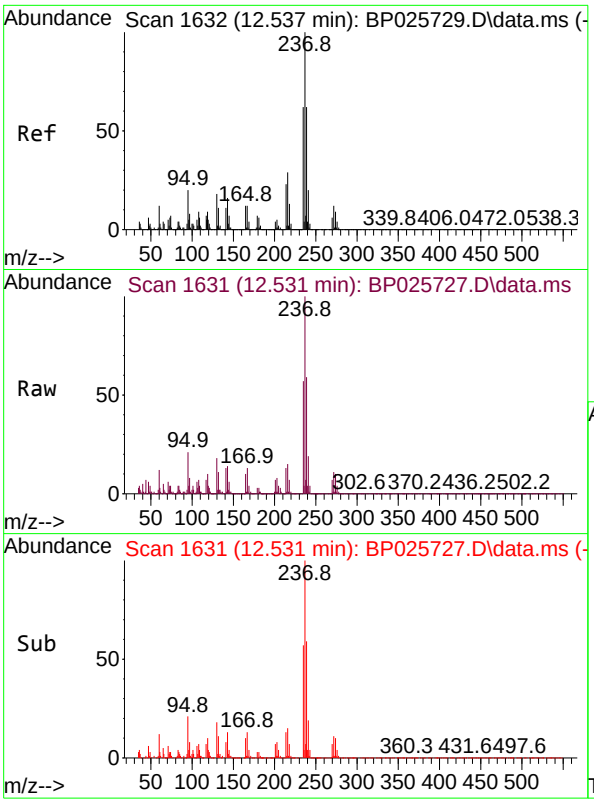


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.250 ng
RT: 12.554 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:216 Resp: 104709

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.4	93.6
179	21.2	17.0	25.6
108	18.6	15.2	22.8





#41
Hexachlorocyclopentadiene
Concen: 6.826 ng
RT: 12.531 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:237 Resp: 4208

Ion	Ratio	Lower	Upper
237	100		
235	57.2	41.9	81.9
272	10.9	0.0	31.8

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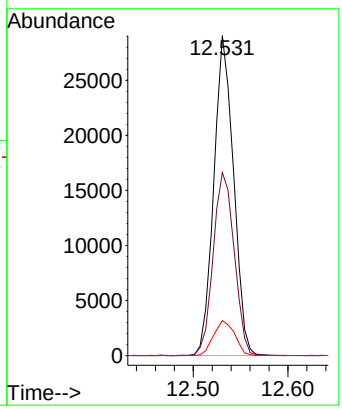
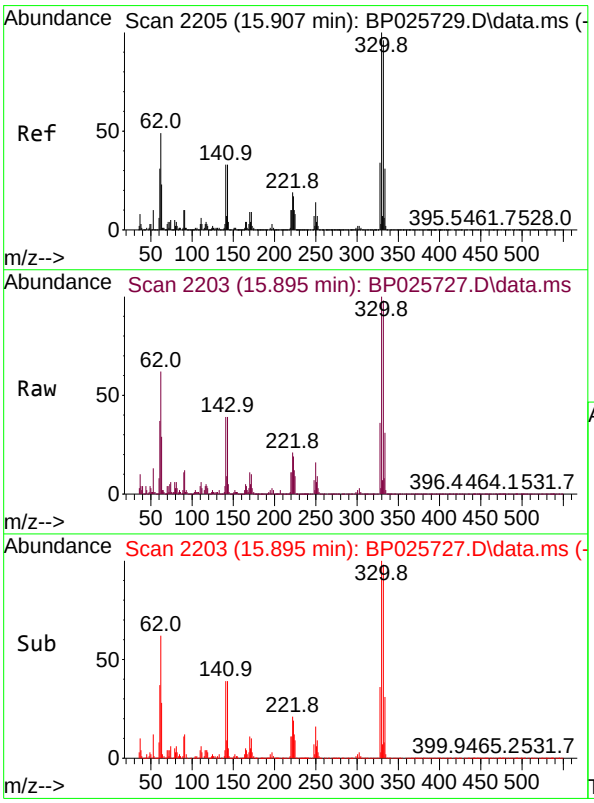
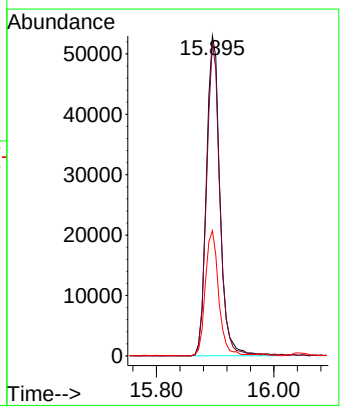


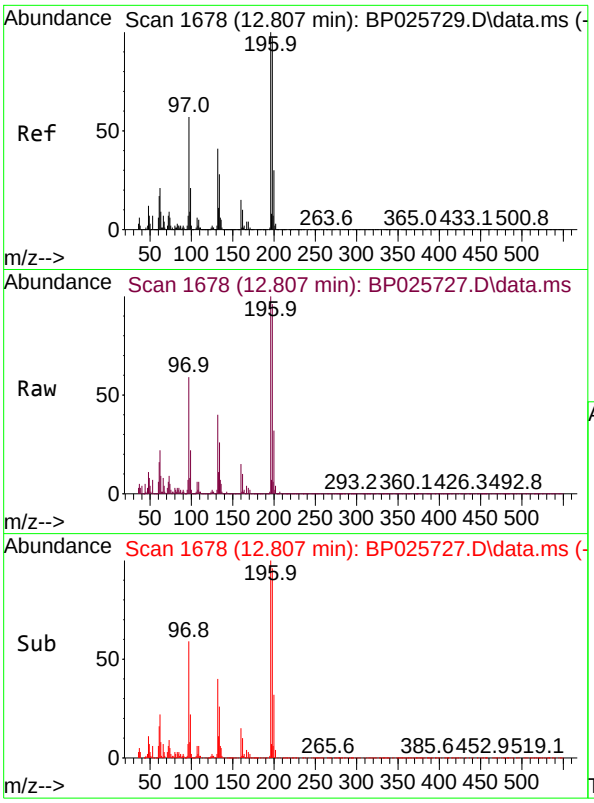


#42
2,4,6-Tribromophenol
Concen: 18.207 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:330 Resp: 84835

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	38.5	31.0	46.4

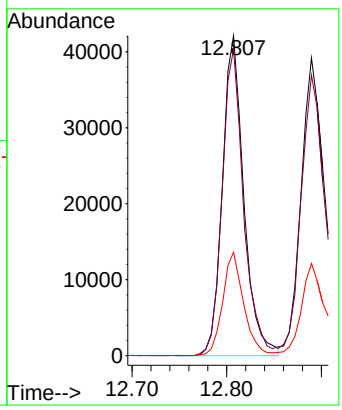




#43
2,4,6-Trichlorophenol
Concen: 8.877 ng
RT: 12.807 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:196 Resp: 6606

Ion	Ratio	Lower	Upper
196	100		
198	95.7	77.2	115.8
200	32.3	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
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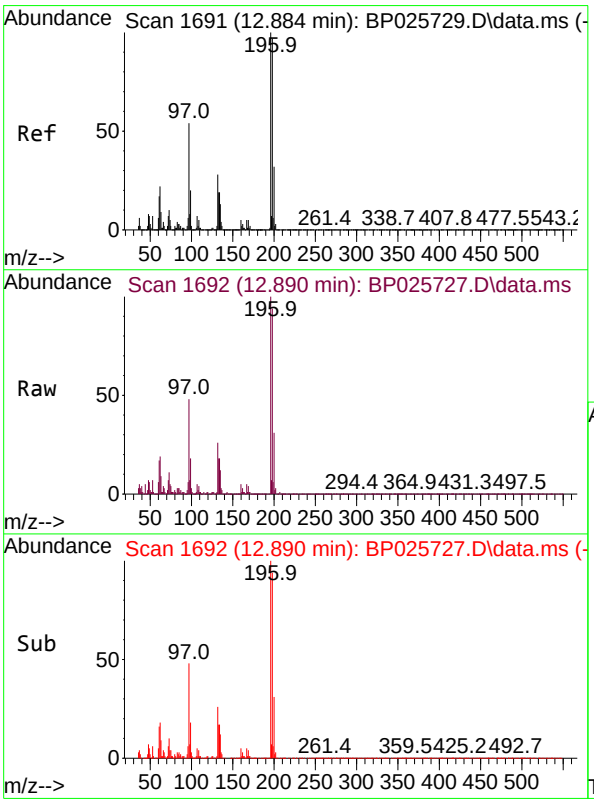
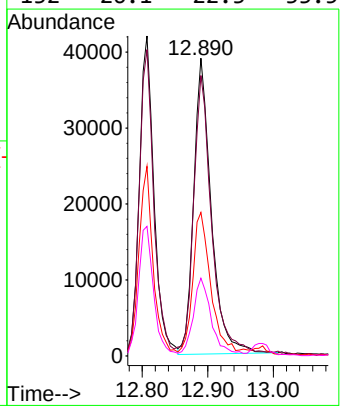
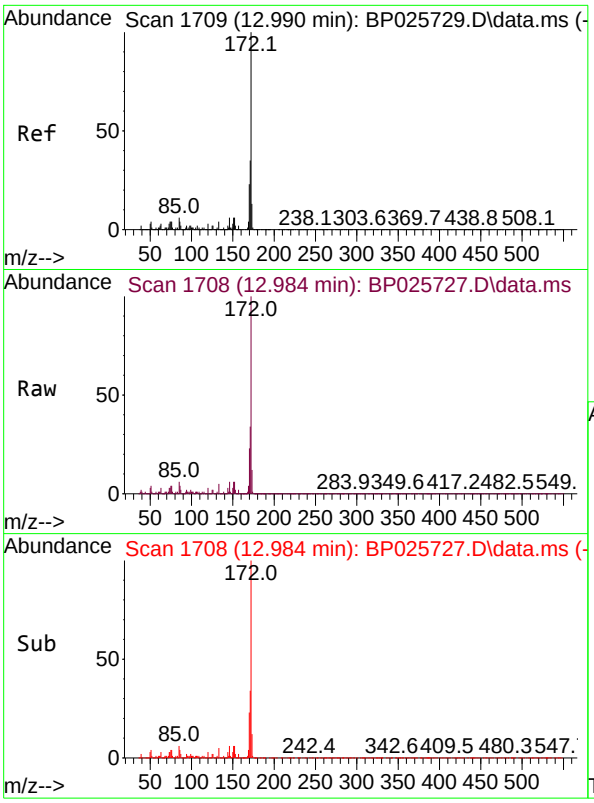


#44
2,4,5-Trichlorophenol
Concen: 8.763 ng
RT: 12.890 min Scan# 1692
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:196 Resp: 72578

Ion	Ratio	Lower	Upper
196	100		
198	94.2	77.8	116.8
97	48.2	43.3	64.9
132	26.1	22.3	33.5

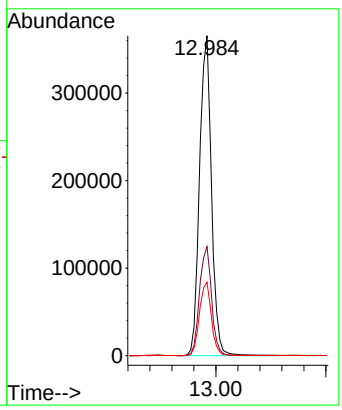




#45
2-Fluorobiphenyl
Concen: 19.568 ng
RT: 12.984 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:172 Resp: 54899

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.8	41.6
170	23.0	18.6	27.8



Instrument :
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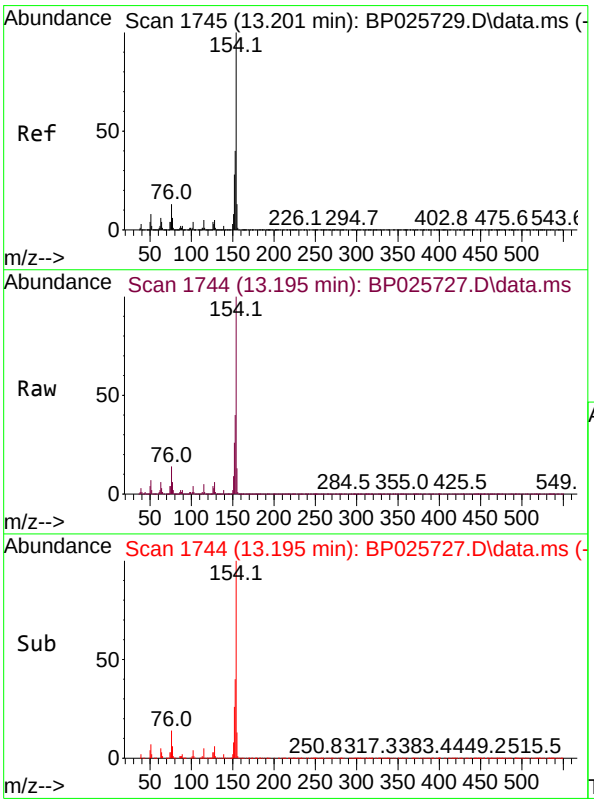
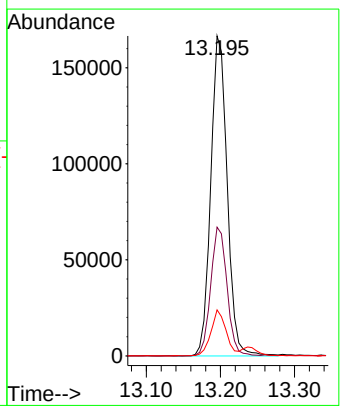
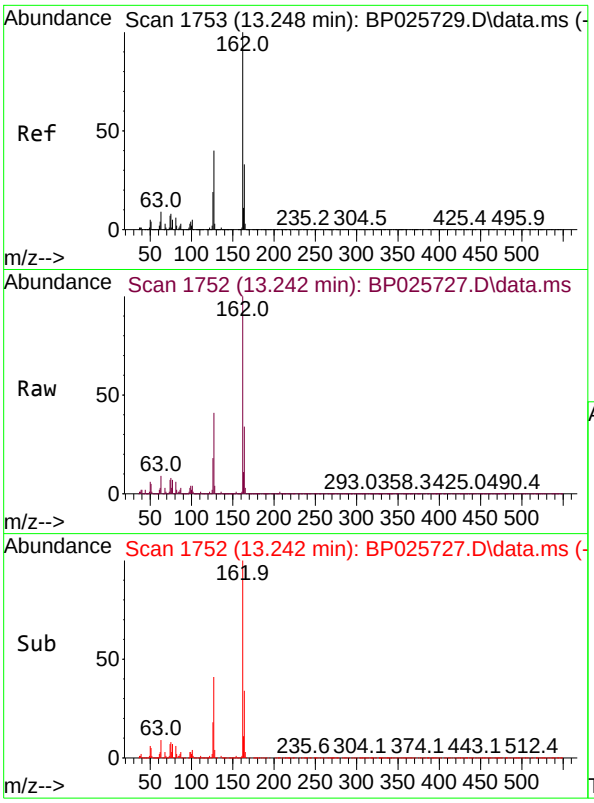


#46
1,1'-Biphenyl
Concen: 9.370 ng
RT: 13.195 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:154 Resp: 256914

Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.7	59.7
76	14.4	0.0	33.3

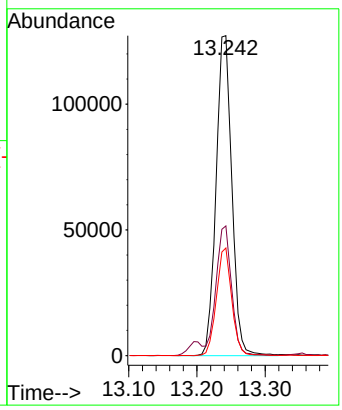




#47
2-Chloronaphthalene
Concen: 9.432 ng
RT: 13.242 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:162 Resp: 20364

Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.2	48.4
164	33.6	26.5	39.7



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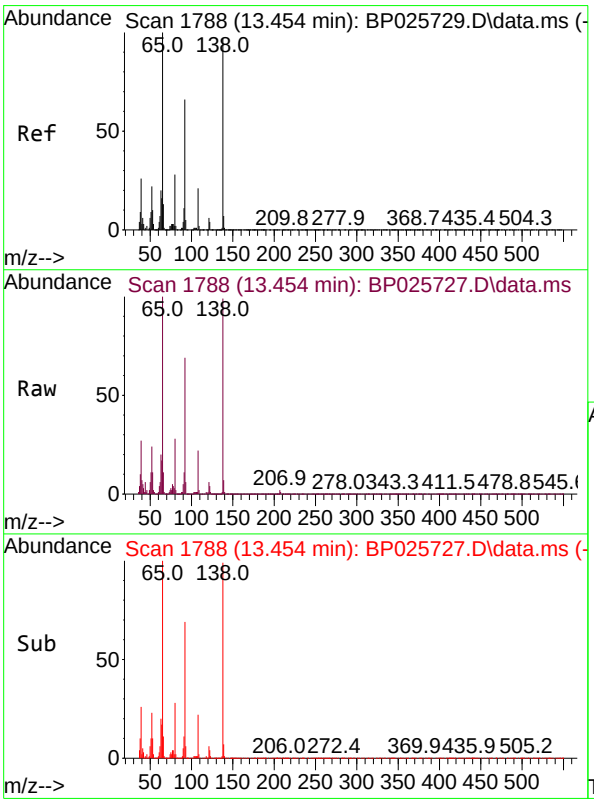
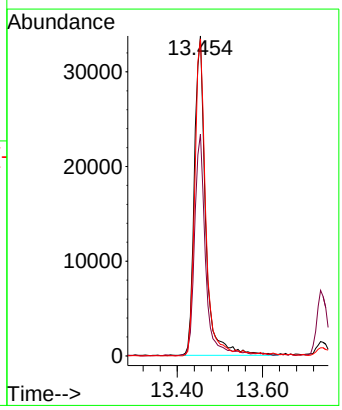
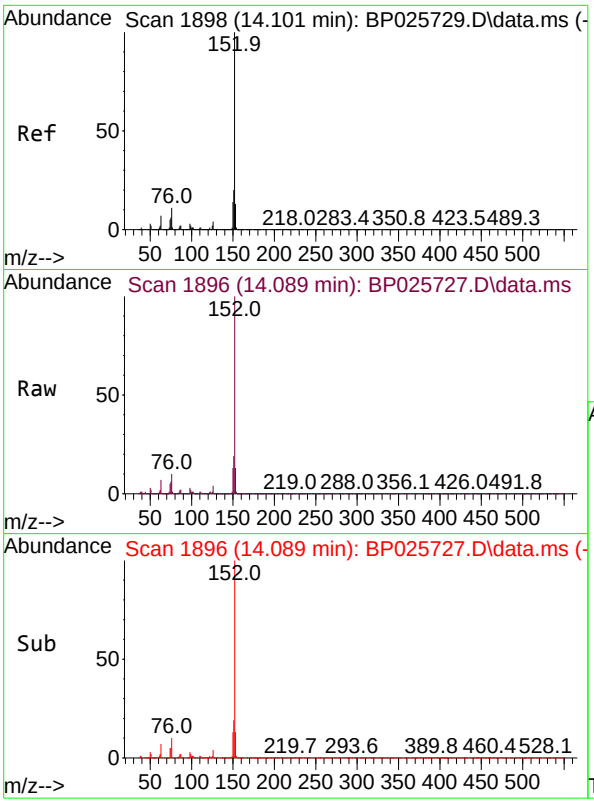


#48
2-Nitroaniline
Concen: 8.613 ng
RT: 13.454 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 65 Resp: 61991

Ion	Ratio	Lower	Upper
65	100		
92	69.3	53.1	79.7
138	99.1	77.8	116.8

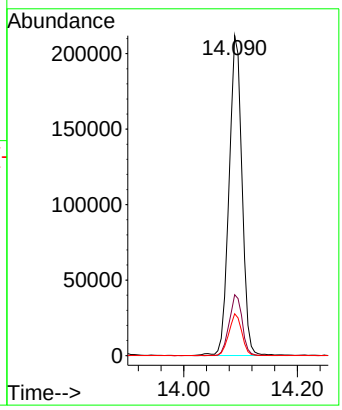




#49
Acenaphthylene
Concen: 9.354 ng
RT: 14.089 min Scan# 18
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:152 Resp: 33462

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.6
153	13.1	10.5	15.7



Instrument :
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ClientSampleId :
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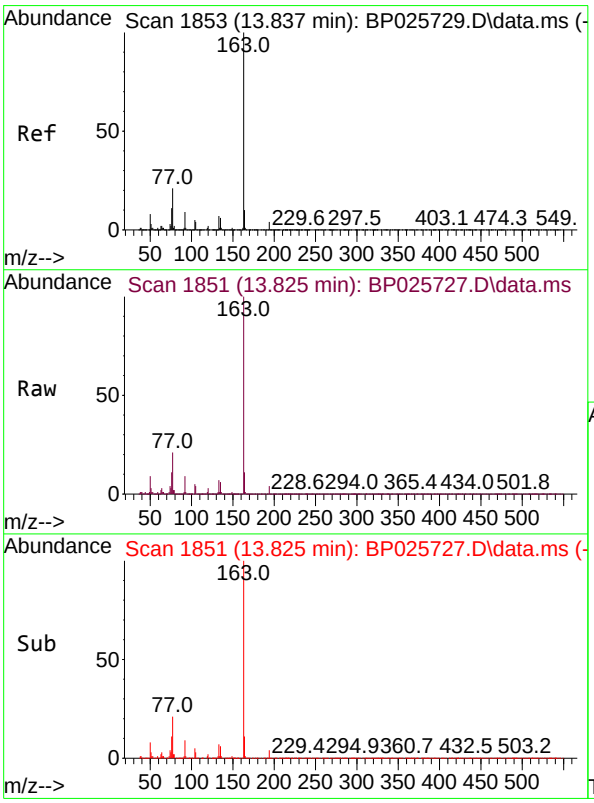
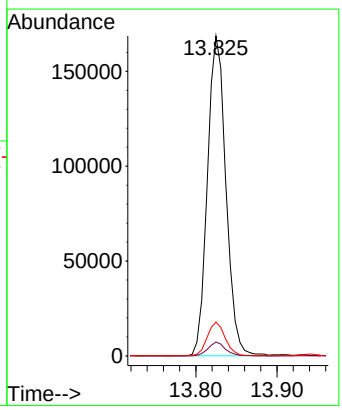
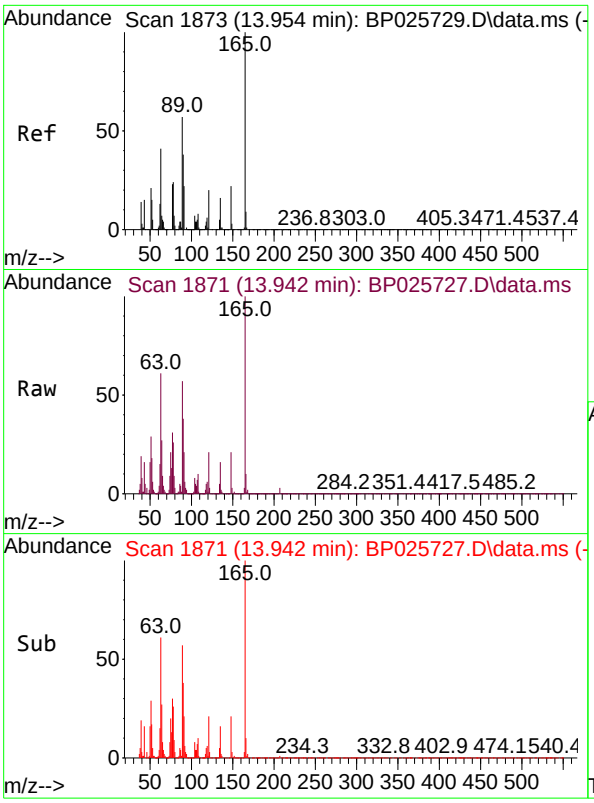


#50
Dimethylphthalate
Concen: 9.387 ng
RT: 13.825 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:163 Resp: 267725

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.6	8.2	12.2

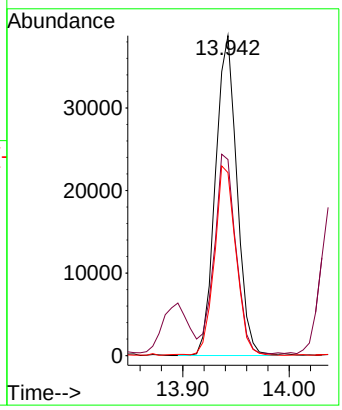




#51
2,6-Dinitrotoluene
Concen: 9.005 ng
RT: 13.942 min Scan# 18
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:165 Resp: 5441

Ion	Ratio	Lower	Upper
165	100		
63	61.3	48.1	72.1
89	57.2	45.4	68.0



Instrument :
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ClientSampleId :
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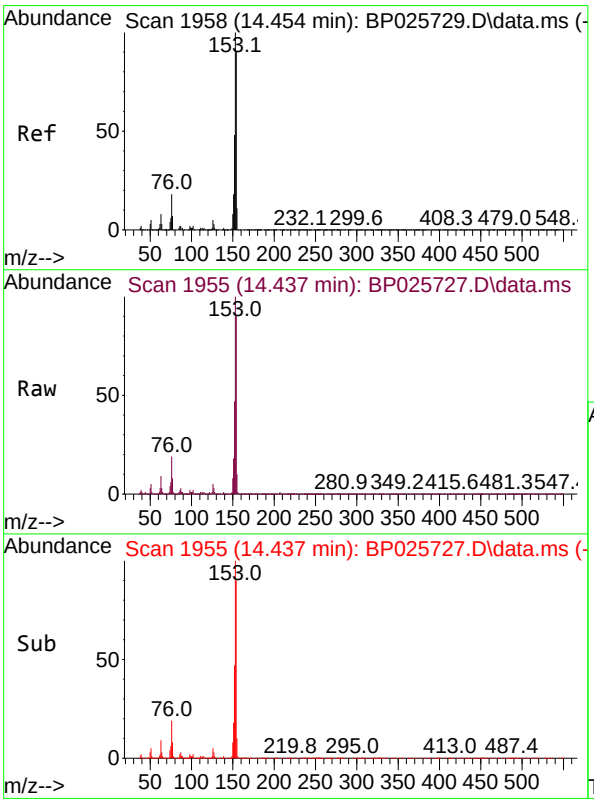
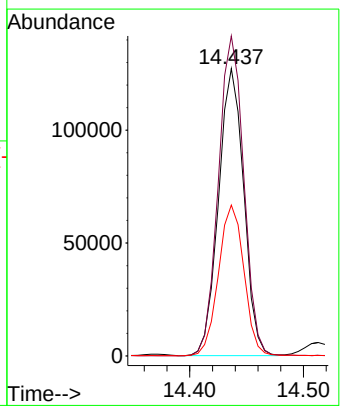
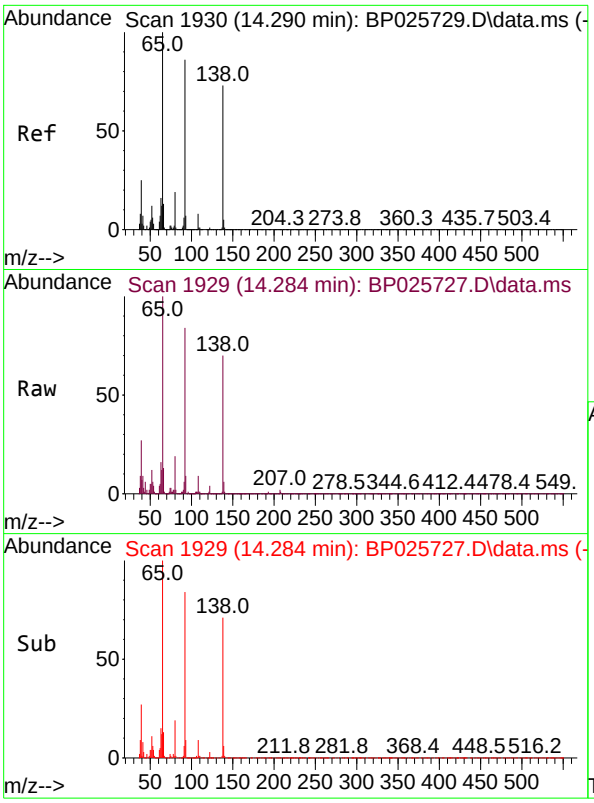


#52
Acenaphthene
Concen: 9.523 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:154 Resp: 196467

Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.4	134.0
152	52.5	42.5	63.7

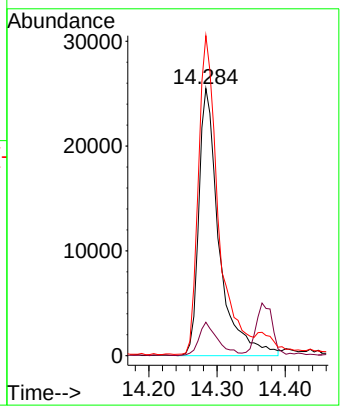




#53
3-Nitroaniline
Concen: 8.285 ng
RT: 14.284 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:138 Resp: 5264

Ion	Ratio	Lower	Upper
138	100		
108	12.5	8.7	13.1
92	119.8	94.6	142.0



Instrument :
BNA_P
ClientSampleId :
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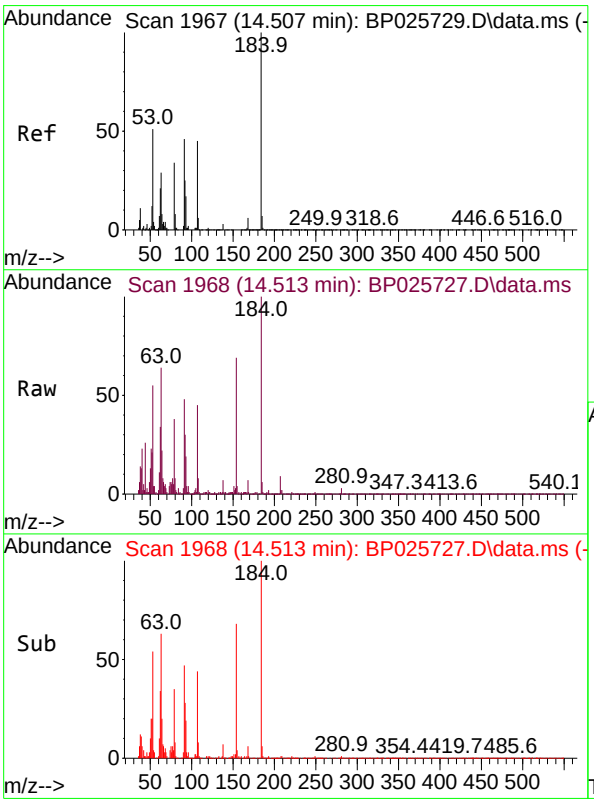
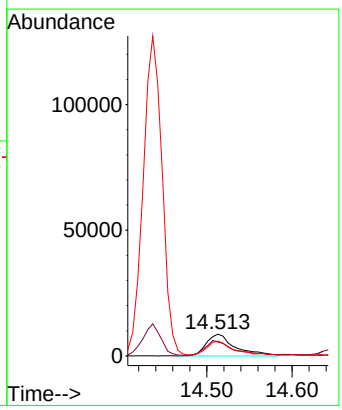
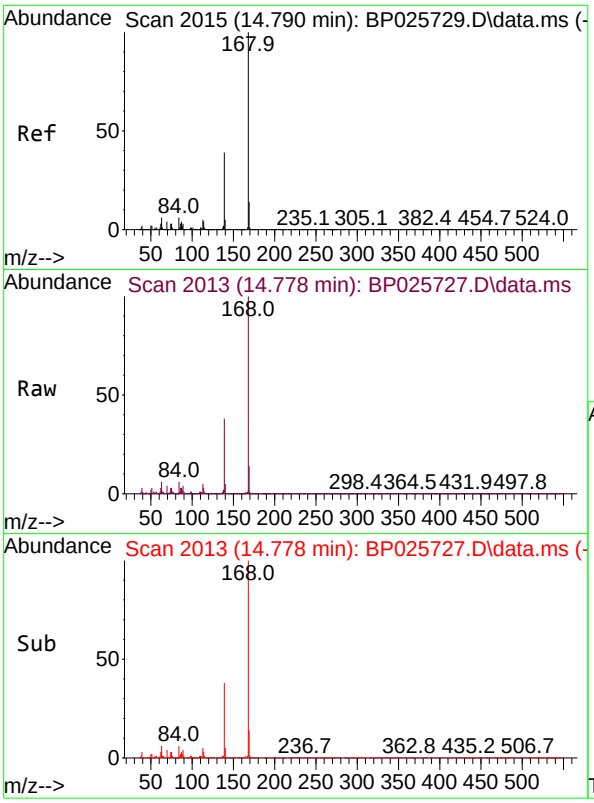


#54
2,4-Dinitrophenol
Concen: 9.658 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:184 Resp: 20208

Ion	Ratio	Lower	Upper
184	100		
63	64.2	52.5	78.7
154	68.6	51.5	77.3

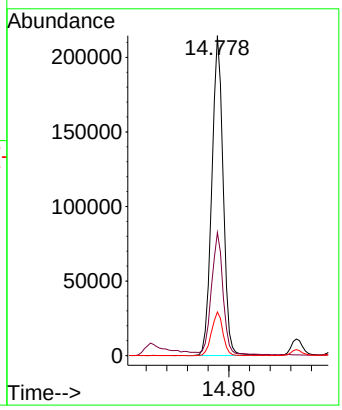




#55
Dibenzofuran
Concen: 9.743 ng
RT: 14.778 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:168 Resp: 32760

Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.7	47.5
169	13.6	10.8	16.2



Instrument :
BNA_P
ClientSampleId :
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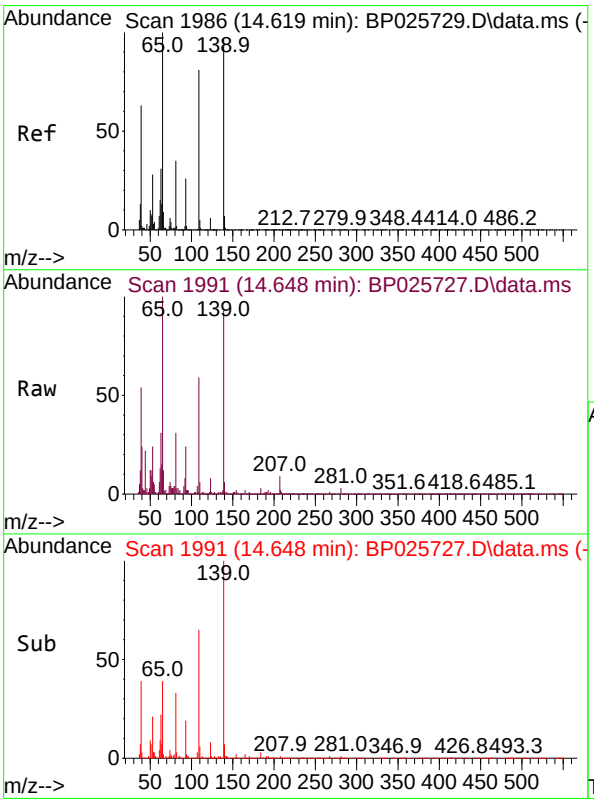
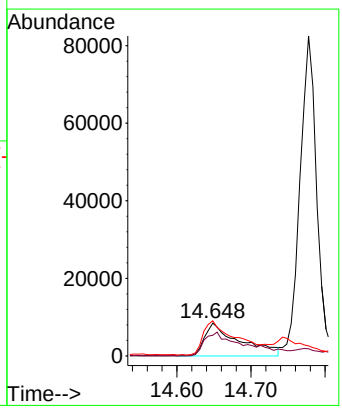
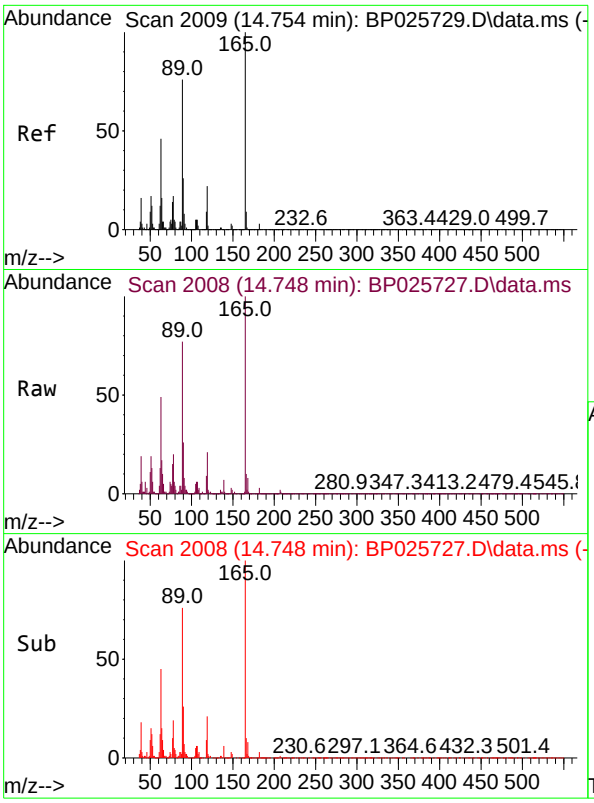


#56
4-Nitrophenol
Concen: 9.243 ng
RT: 14.648 min Scan# 1991
Delta R.T. 0.029 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:139 Resp: 27599

Ion	Ratio	Lower	Upper
139	100		
109	63.0	62.9	102.9
65	107.6	83.4	123.4

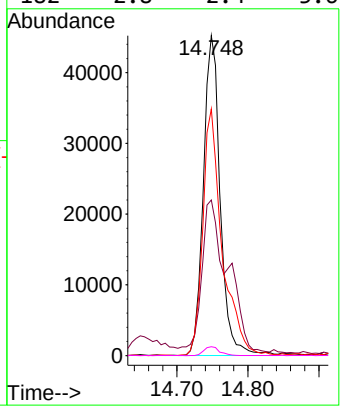




#57
2,4-Dinitrotoluene
Concen: 8.639 ng
RT: 14.748 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:165 Resp: 7429

Ion	Ratio	Lower	Upper
165	100		
63	48.6	37.7	56.5
89	77.1	61.0	91.6
182	2.8	2.4	3.6



Instrument :
BNA_P
ClientSampleId :
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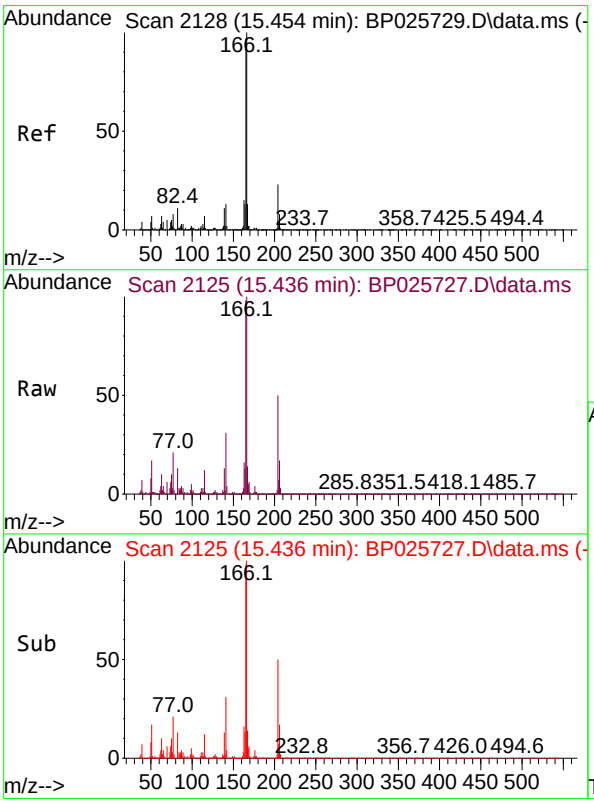
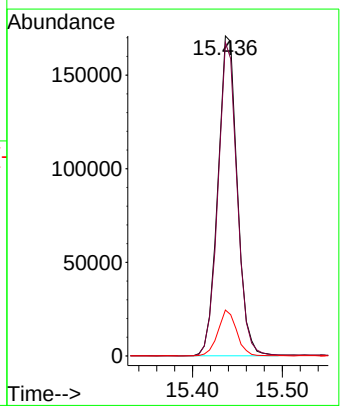
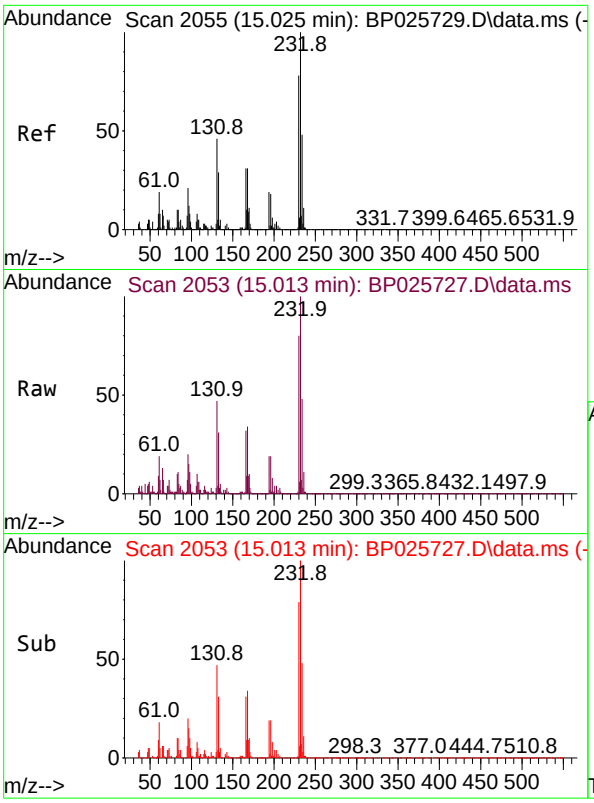


#58
Fluorene
Concen: 9.654 ng
RT: 15.436 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:166 Resp: 258111

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.7	116.5
167	14.3	10.6	16.0

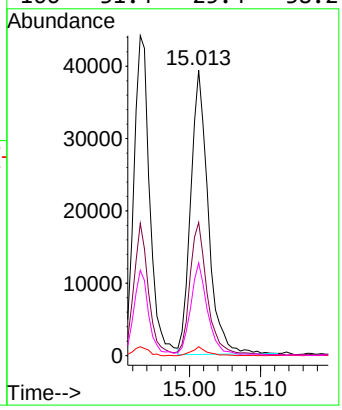




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.034 ng
RT: 15.013 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:232 Resp: 6740

Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.7	55.1
130	2.7	2.0	3.0
166	31.4	25.4	38.2



Instrument :
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ClientSampleId :
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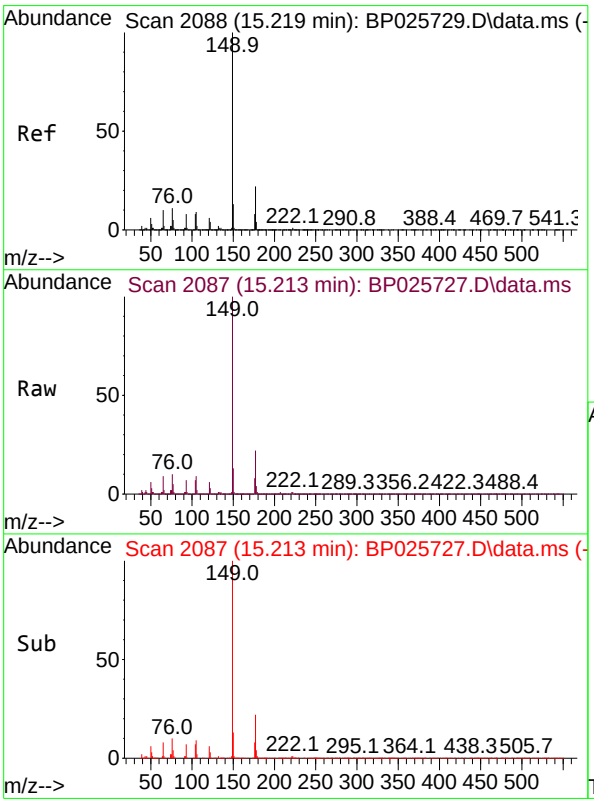
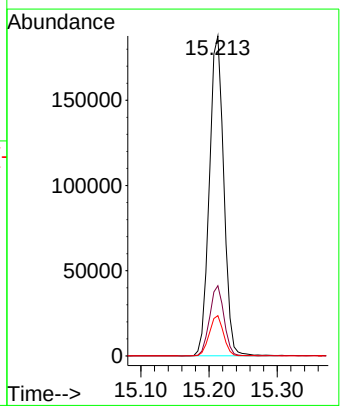
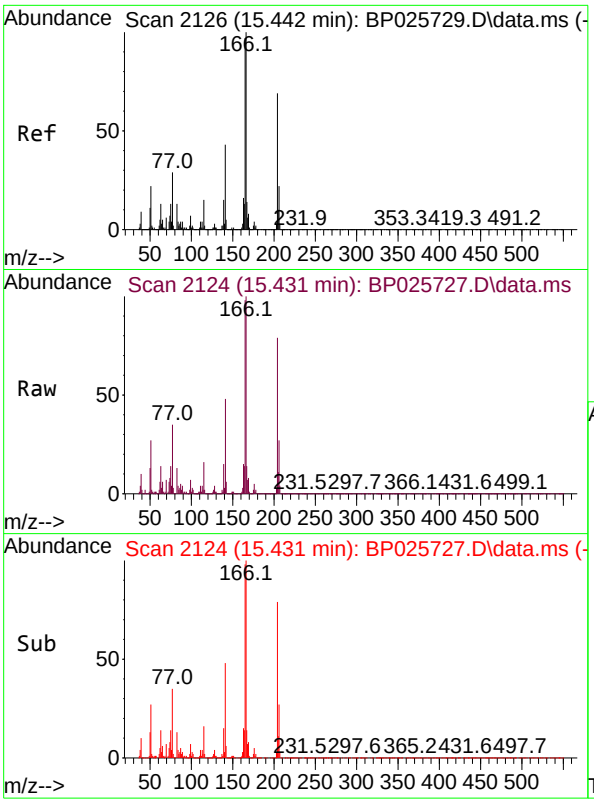


#60
Diethylphthalate
Concen: 9.505 ng
RT: 15.213 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:149 Resp: 274993

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.7	26.5
150	12.6	10.0	15.0

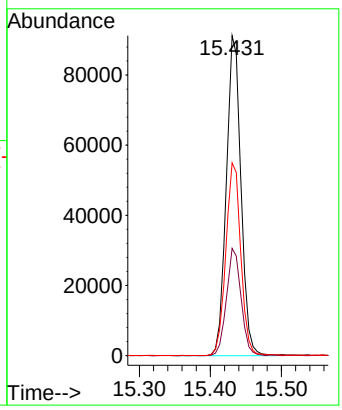




#61
4-Chlorophenyl-phenylether
Concen: 9.689 ng
RT: 15.431 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:204 Resp: 13055

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.0	39.0
141	60.2	49.7	74.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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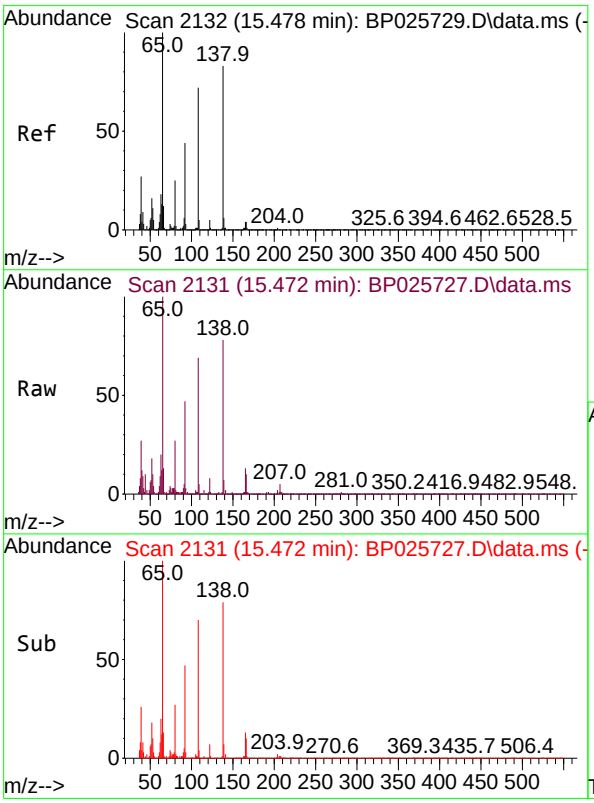
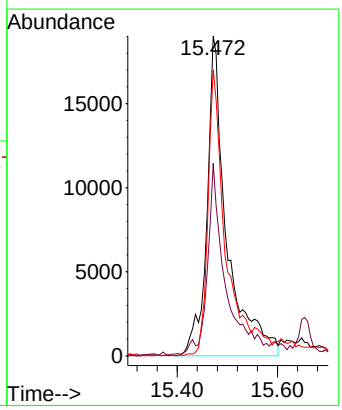
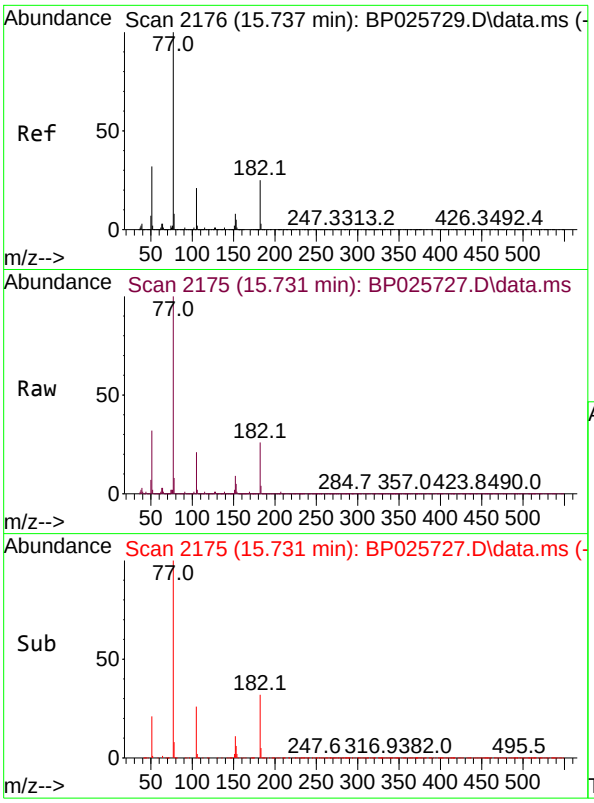


#62
4-Nitroaniline
Concen: 8.082 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:138 Resp: 52570

Ion	Ratio	Lower	Upper
138	100		
92	60.2	33.3	73.3
108	89.4	66.7	106.7

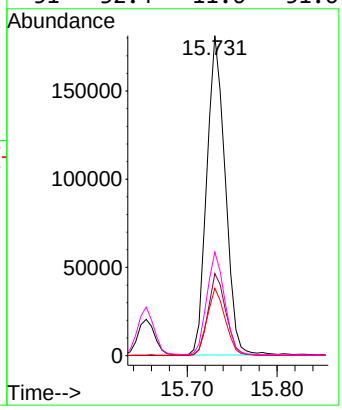




#63
Azobenzene
Concen: 9.235 ng
RT: 15.731 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 77 Resp: 25832

Ion	Ratio	Lower	Upper
77	100		
182	25.6	5.2	45.2
105	21.0	1.1	41.1
51	32.4	11.6	51.6



Instrument :
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ClientSampleId :
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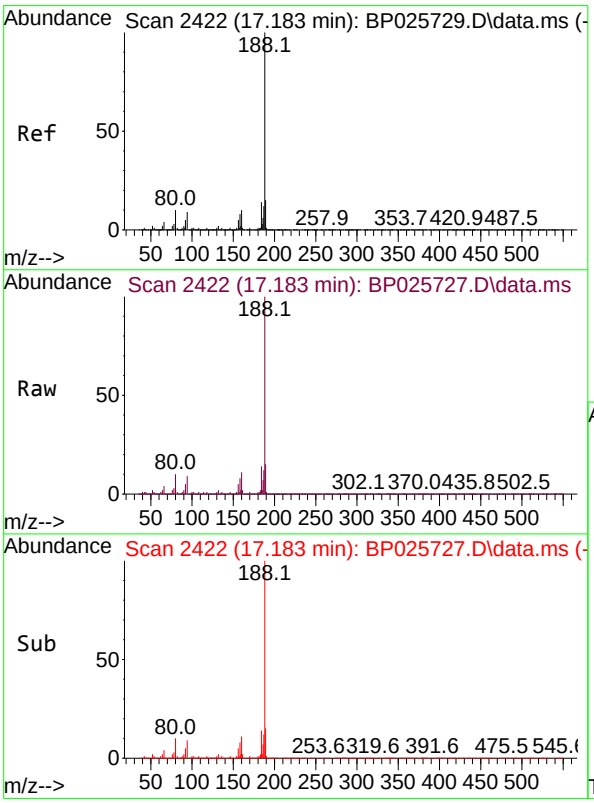
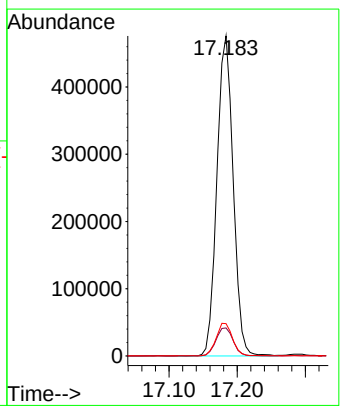
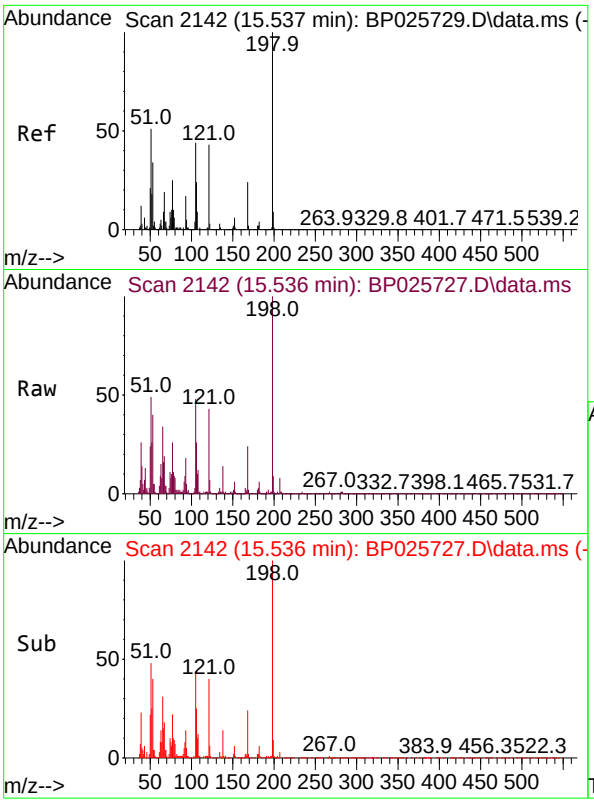


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:188 Resp: 783581

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.0
80	10.1	7.7	11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 7.026 ng
RT: 15.536 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:198 Resp: 3661

Ion	Ratio	Lower	Upper
198	100		
51	49.4	33.4	73.4
105	47.9	24.3	64.3

Instrument :
BNA_P
ClientSampleId :
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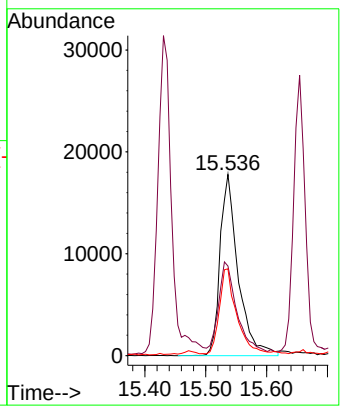
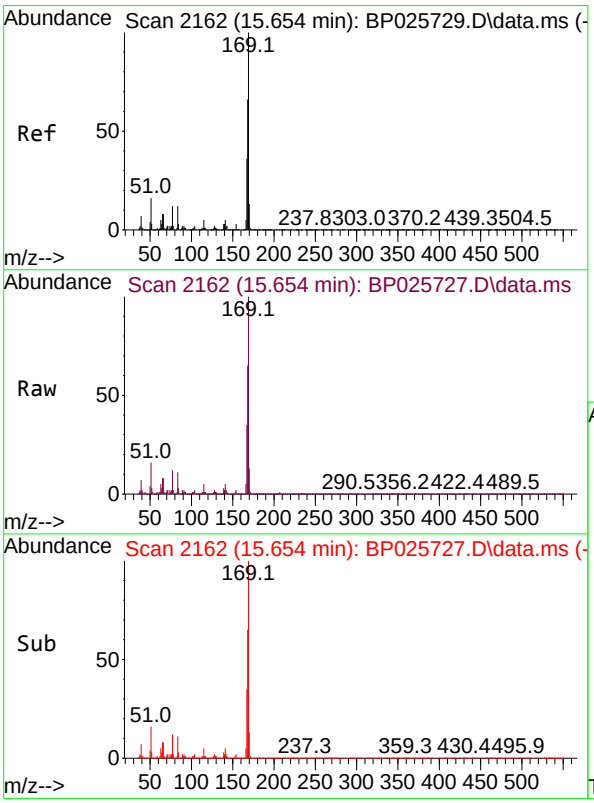
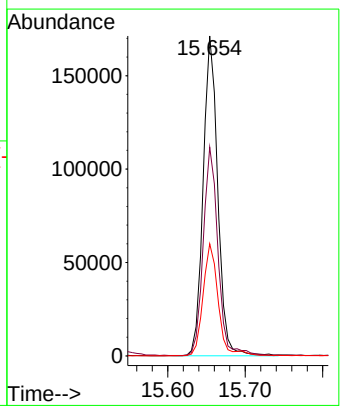


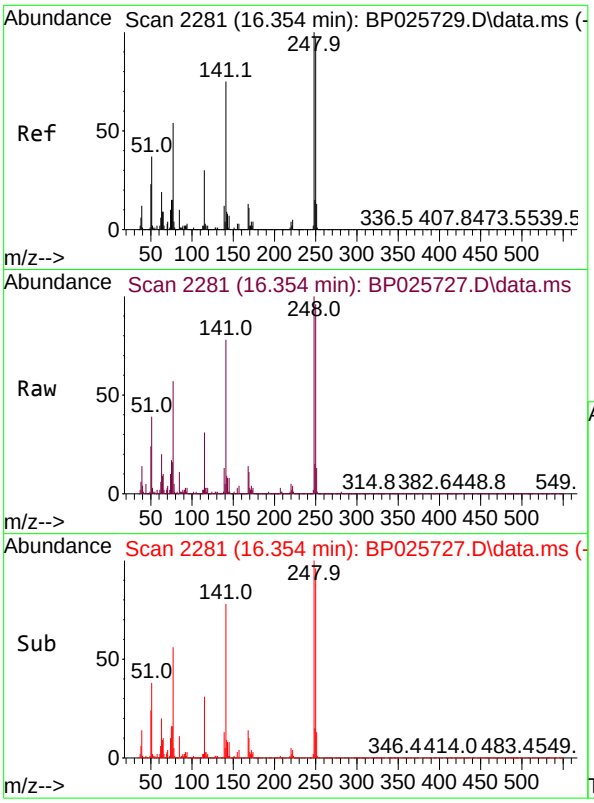


#66
n-Nitrosodiphenylamine
Concen: 9.369 ng
RT: 15.654 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:169 Resp: 224671

Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.6	78.8
167	35.0	28.5	42.7

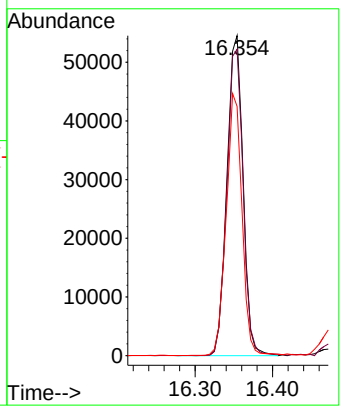




#67
4-Bromophenyl-phenylether
Concen: 9.206 ng
RT: 16.354 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:248 Resp: 7924

Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.5	116.3
141	77.9	60.2	90.4



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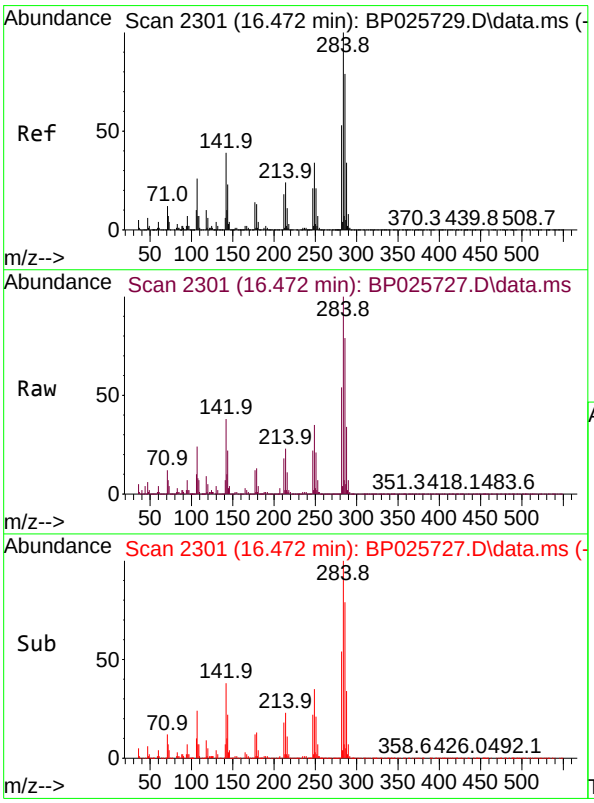
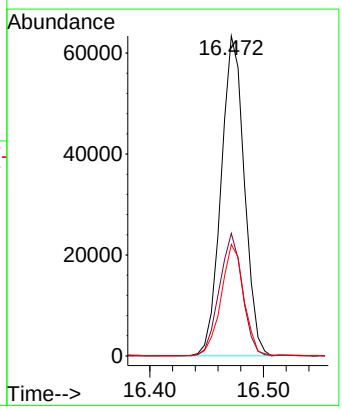
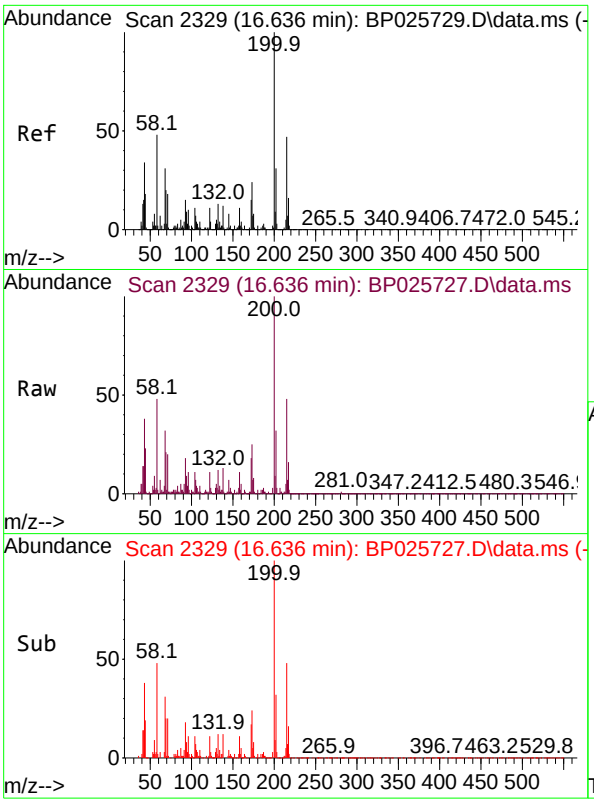


#68
Hexachlorobenzene
Concen: 9.379 ng
RT: 16.472 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:284 Resp: 90039

Ion	Ratio	Lower	Upper
284	100		
142	38.3	31.3	46.9
249	34.8	27.3	40.9

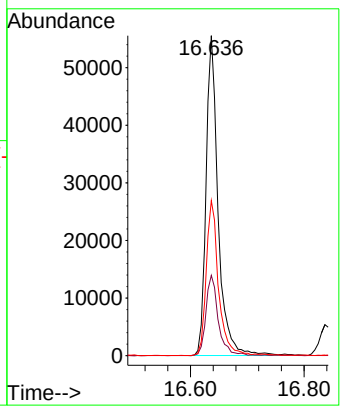




#69
Atrazine
Concen: 8.965 ng
RT: 16.636 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:200 Resp: 8217

Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.2	44.2
215	48.4	27.3	67.3



Instrument :
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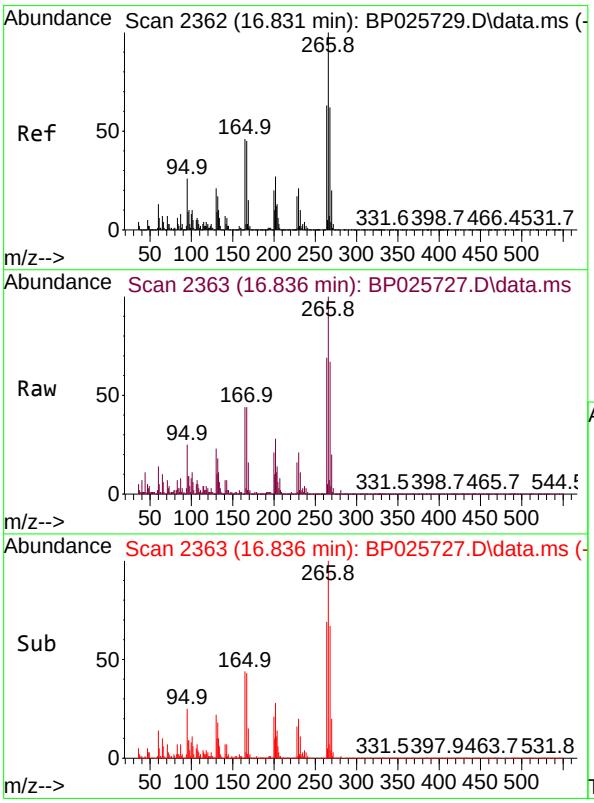
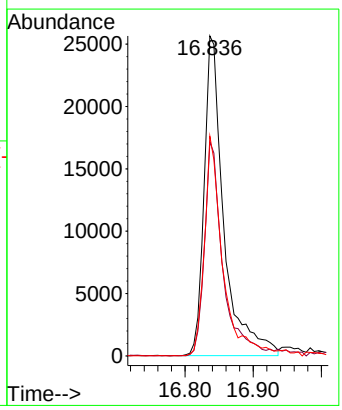
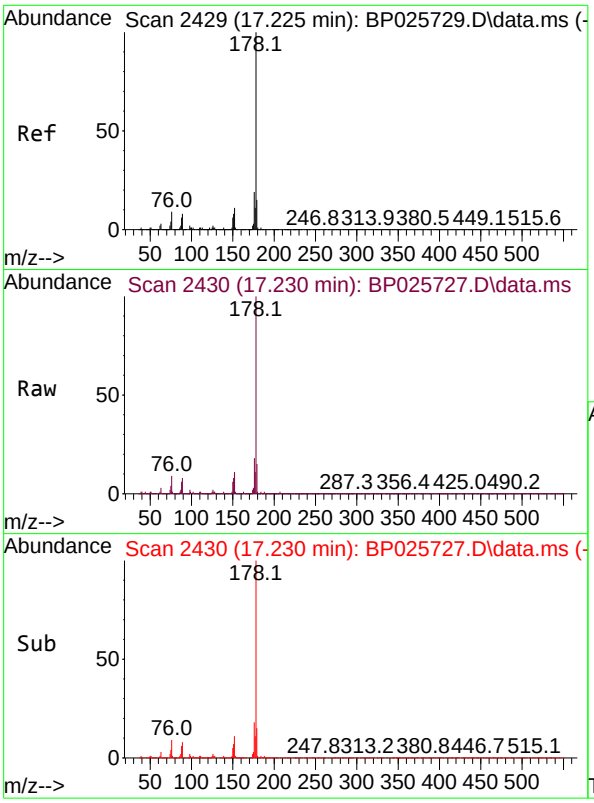


#70
Pentachlorophenol
Concen: 8.150 ng
RT: 16.836 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:266 Resp: 51635

Ion	Ratio	Lower	Upper
266	100		
268	66.9	49.8	74.8
264	68.6	50.2	75.2

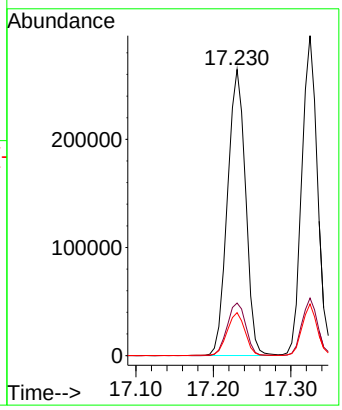




#71
Phenanthrene
Concen: 9.655 ng
RT: 17.230 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:178 Resp: 42917

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.0	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
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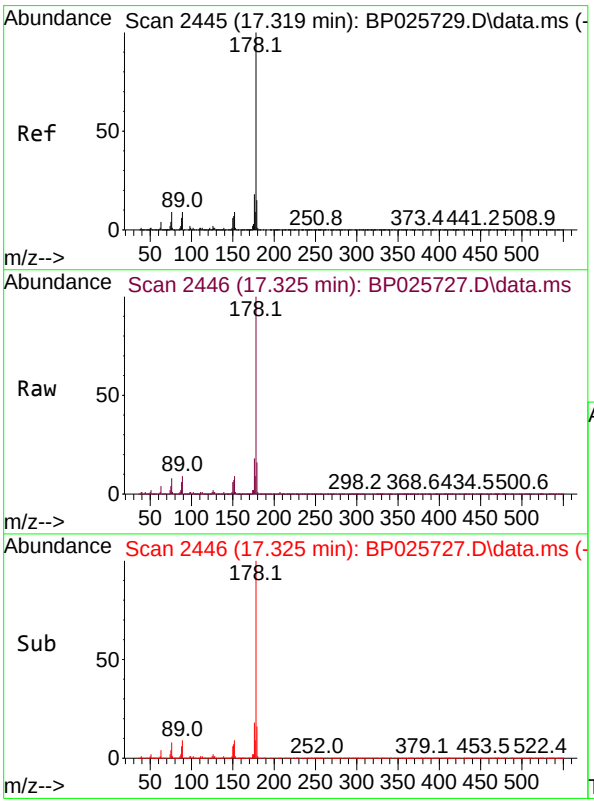
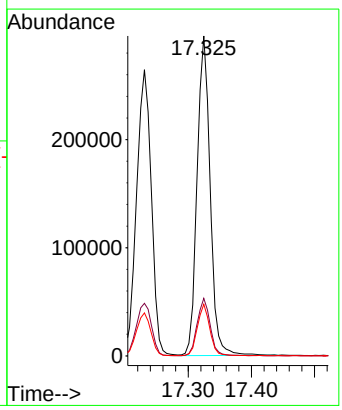
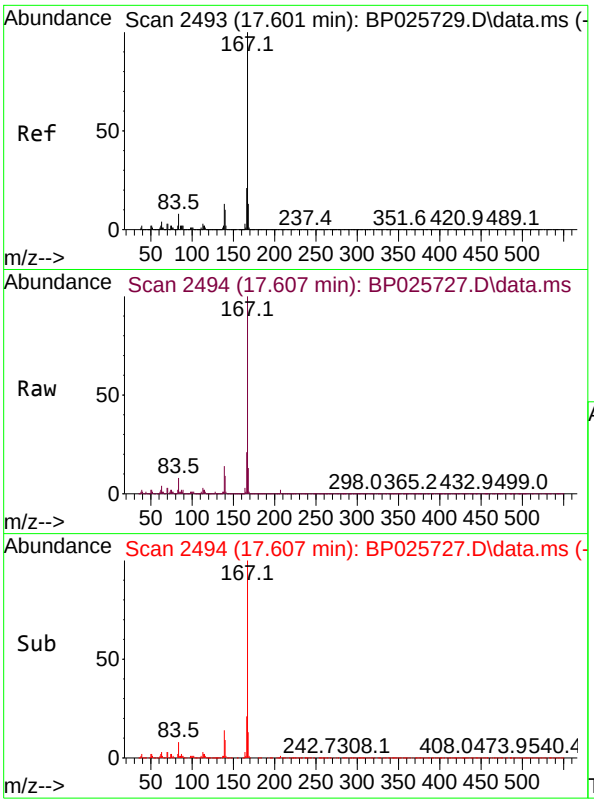


#72
Anthracene
Concen: 9.435 ng
RT: 17.325 min Scan# 2446
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:178 Resp: 425513

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	16.1	12.2	18.4

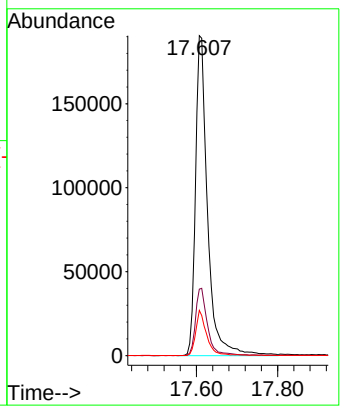




#73
Carbazole
Concen: 9.323 ng
RT: 17.607 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:167 Resp: 39092

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.4
139	14.1	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
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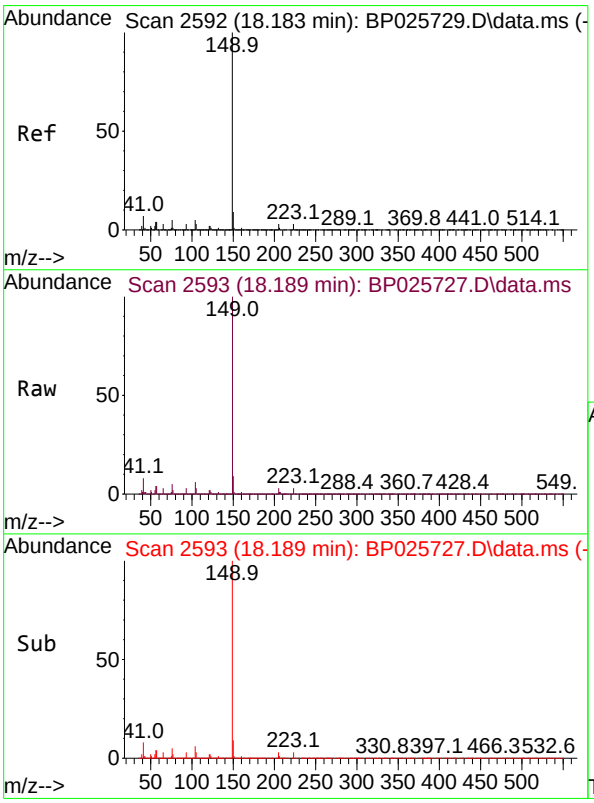
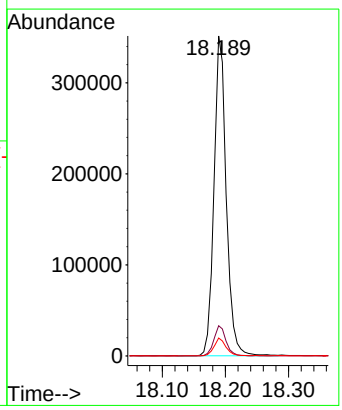
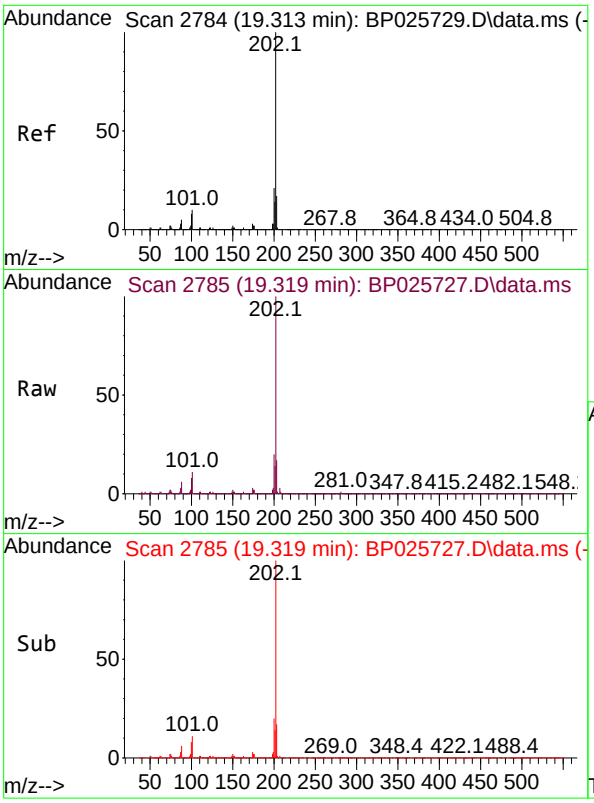


#74
Di-n-butylphthalate
Concen: 9.240 ng
RT: 18.189 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:149 Resp: 475436

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.6	4.3	6.5





#75
Fluoranthene
Concen: 9.513 ng
RT: 19.319 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:202 Resp: 50711

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.4
203	17.3	0.0	37.4

Instrument :
BNA_P
ClientSampleId :
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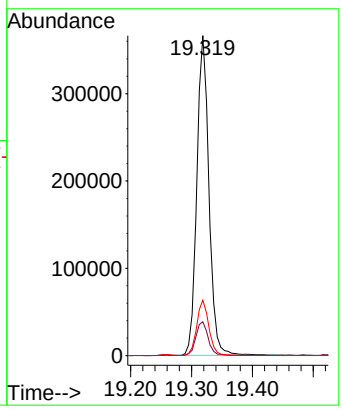
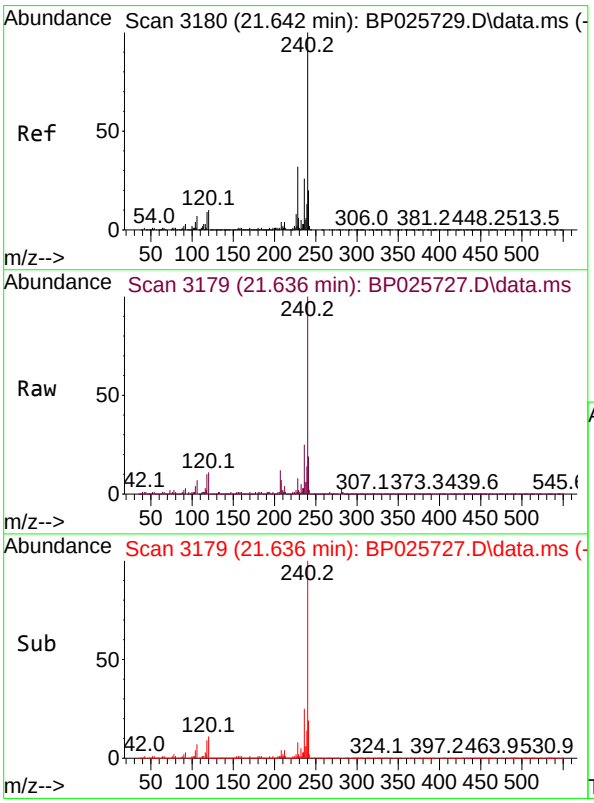
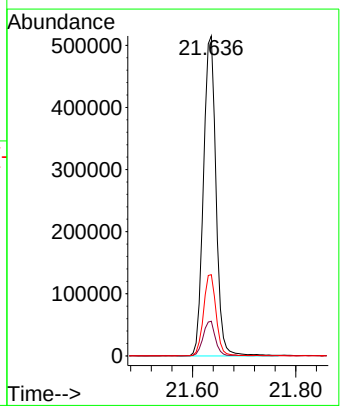


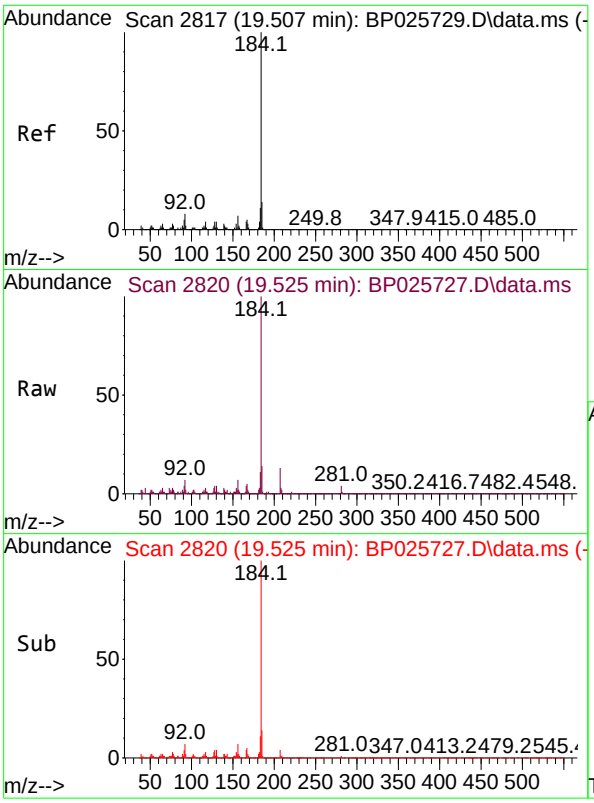


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:240 Resp: 866064

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.0	12.0
236	25.4	20.7	31.1

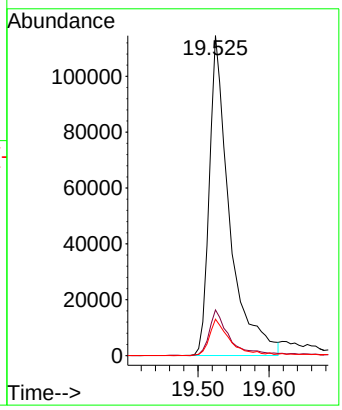




#77
Benzidine
Concen: 9.078 ng
RT: 19.525 min Scan# 28
Delta R.T. 0.018 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:184 Resp: 226459

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.5	17.3
183	11.4	9.2	13.8



Instrument :
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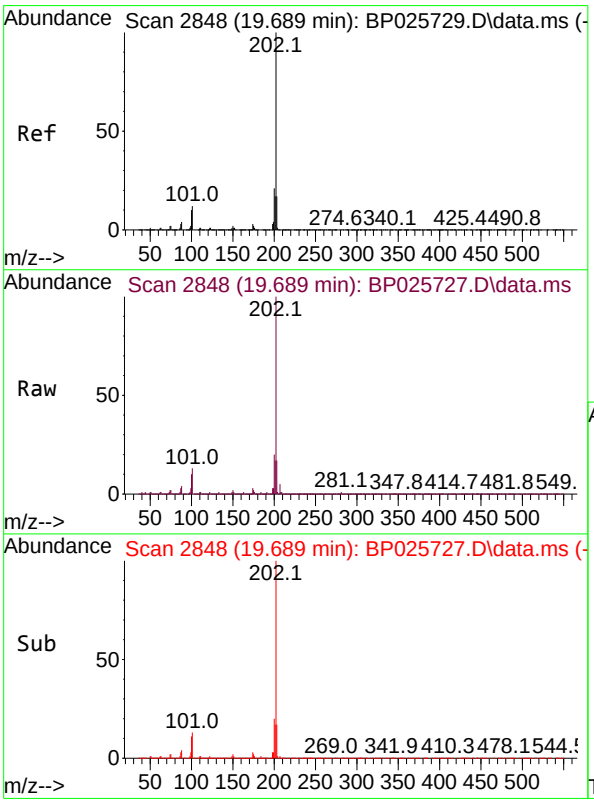
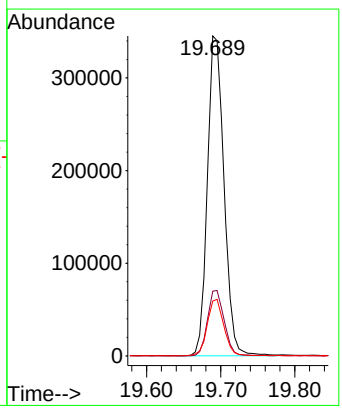
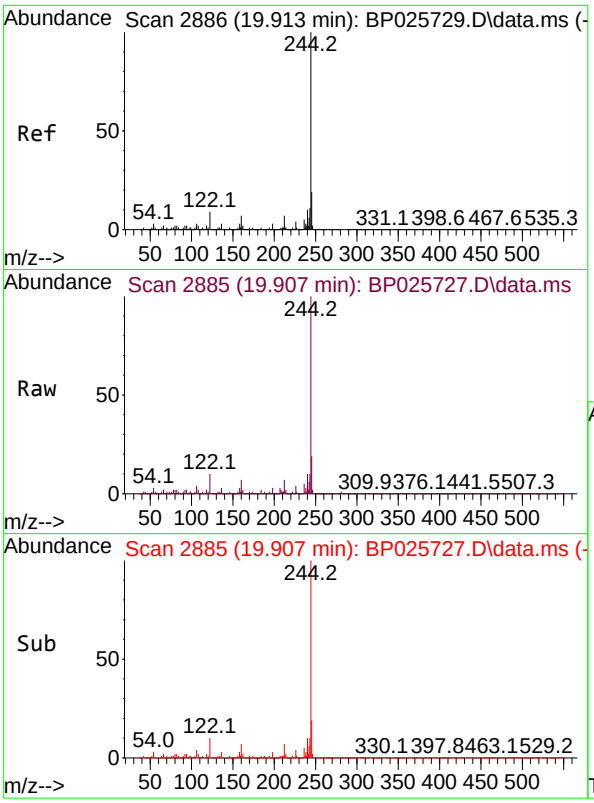


#78
Pyrene
Concen: 9.311 ng
RT: 19.689 min Scan# 2848
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:202 Resp: 538053

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.6
203	17.1	13.9	20.9

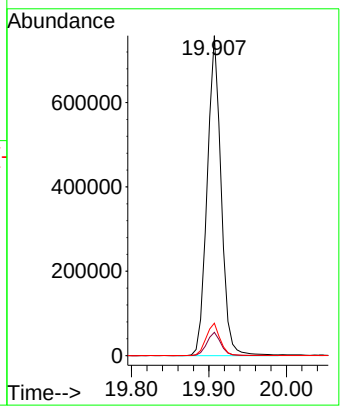




#79
Terphenyl-d14
Concen: 19.661 ng
RT: 19.907 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:244 Resp: 946504

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.1	7.1	10.7



Instrument :
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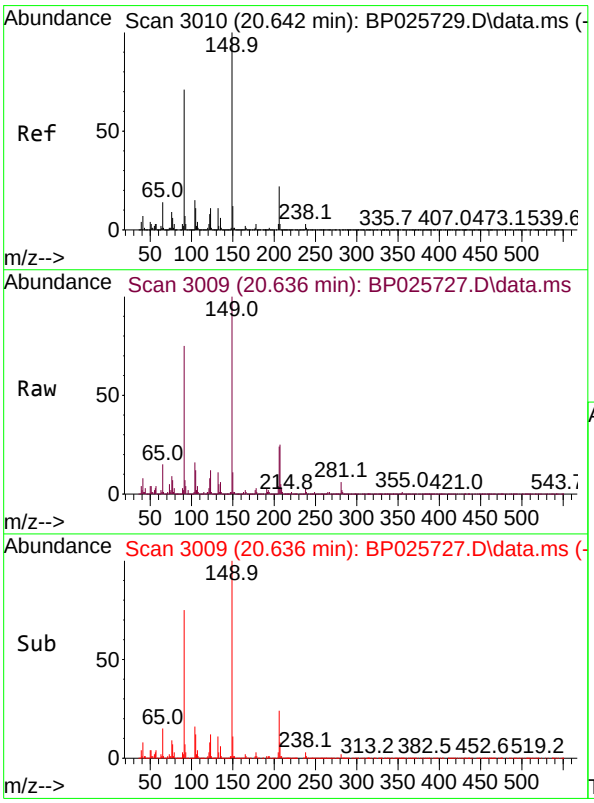
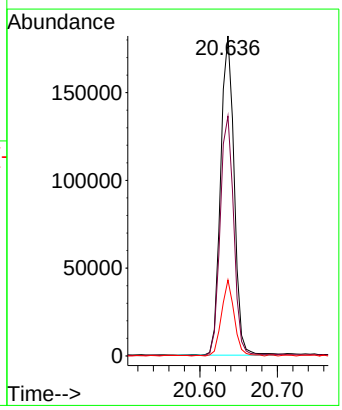
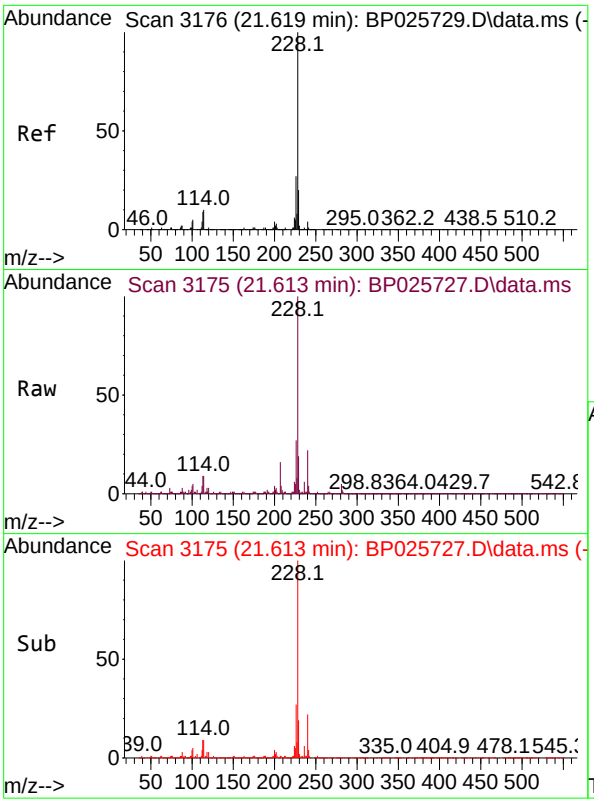


#80
Butylbenzylphthalate
Concen: 8.731 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:149 Resp: 221238

Ion	Ratio	Lower	Upper
149	100		
91	74.9	56.6	85.0
206	23.7	17.4	26.0

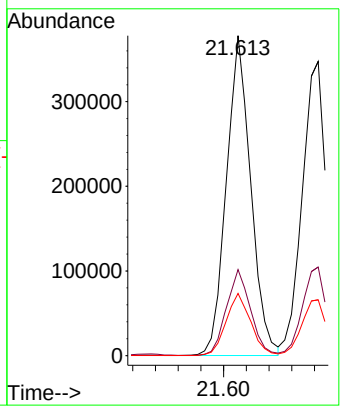




#81
Benzo(a)anthracene
Concen: 9.507 ng
RT: 21.613 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:228 Resp: 56368

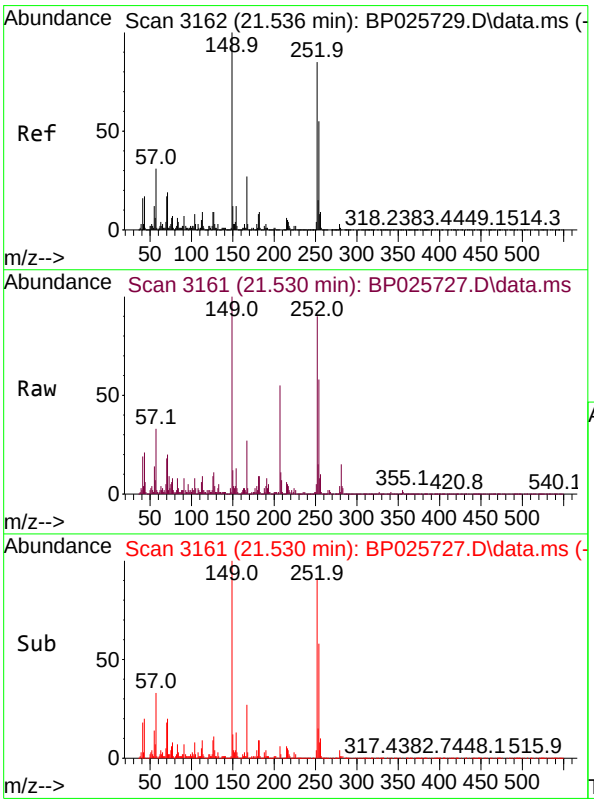
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.6	32.4
229	19.4	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

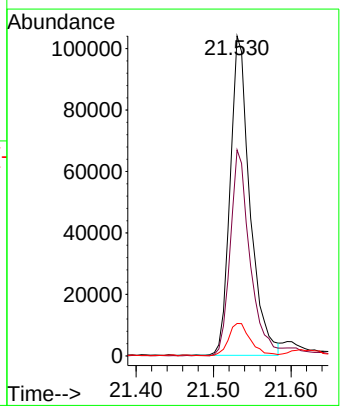
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

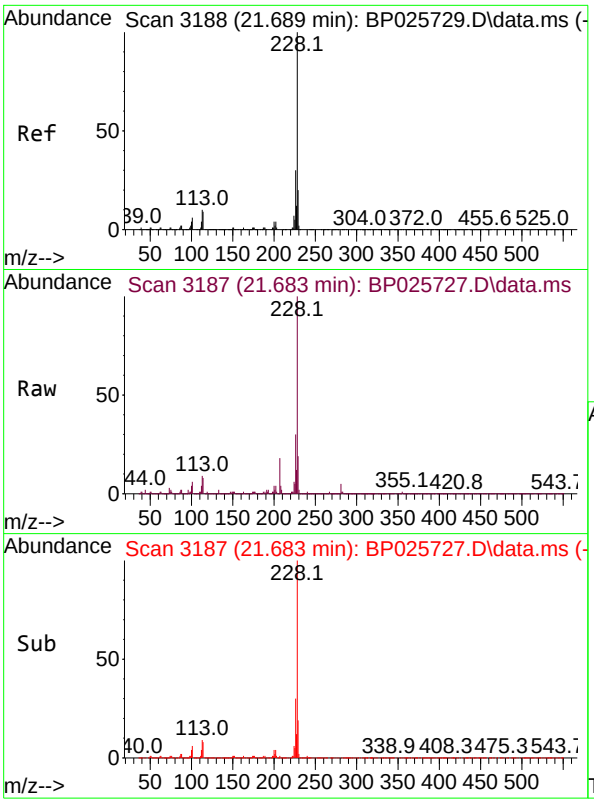


#82
3,3'-Dichlorobenzidine
Concen: 8.980 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:252 Resp: 184095

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.4	77.0
126	10.1	8.3	12.5

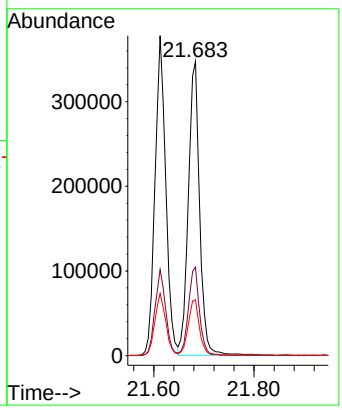




#83
Chrysene
Concen: 9.599 ng
RT: 21.683 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:228 Resp: 54253

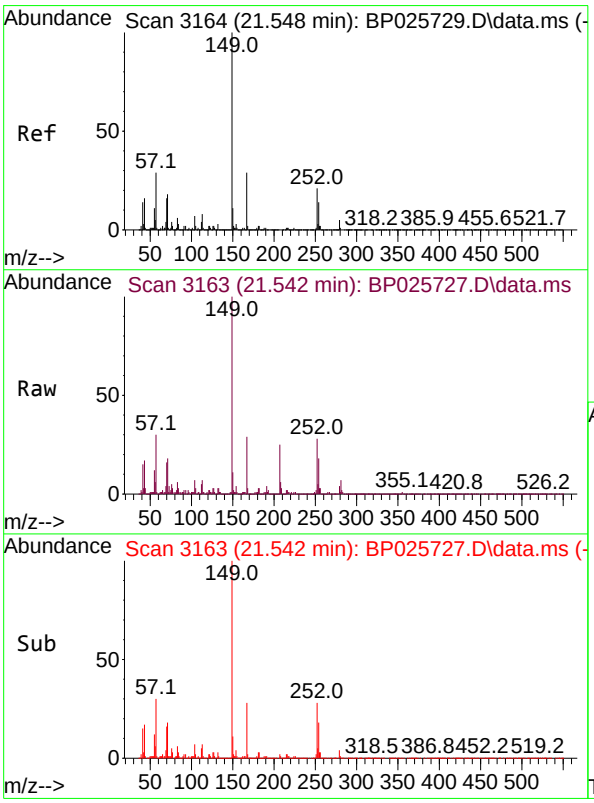
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	18.9	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

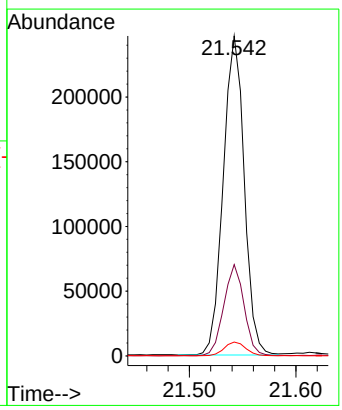
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

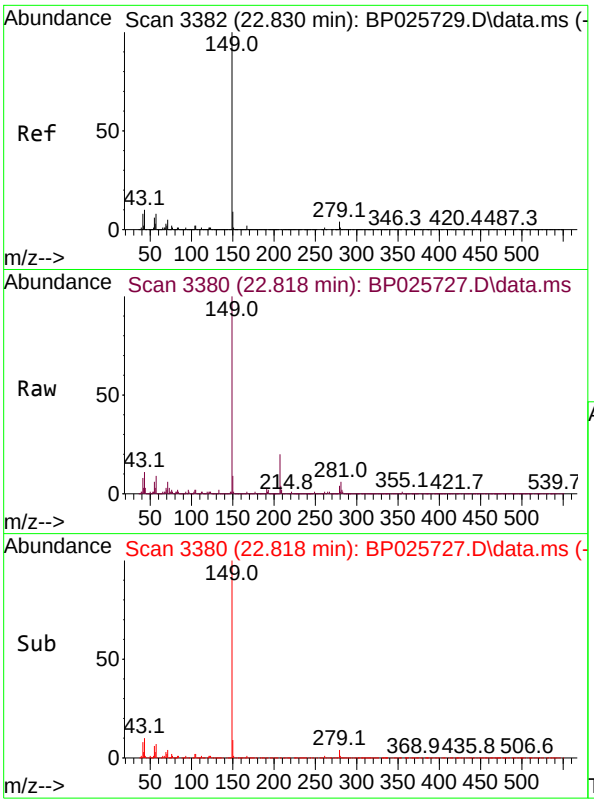


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.129 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:149 Resp: 338402

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.9	34.3
279	4.3	3.8	5.8

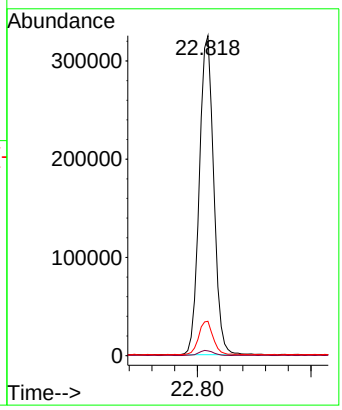




#85
Di-n-octyl phthalate
Concen: 8.637 ng
RT: 22.818 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:149 Resp: 56952

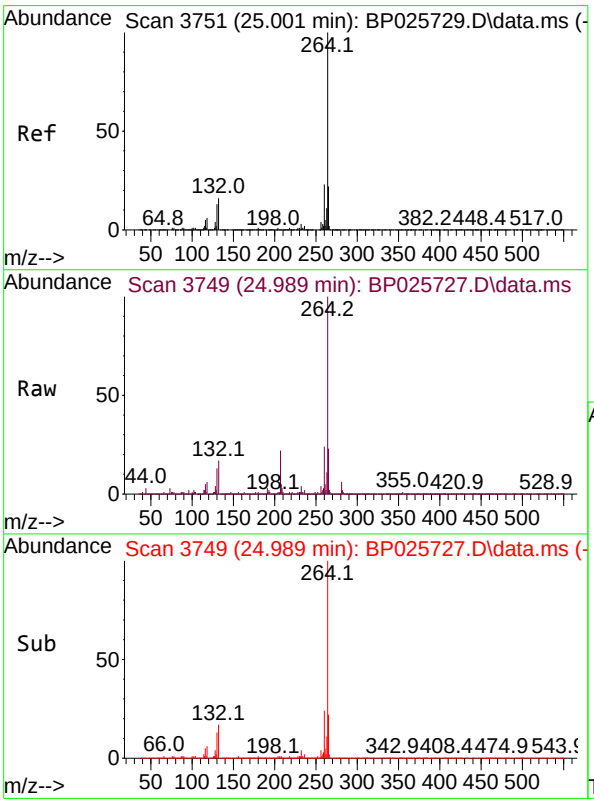
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.7	8.0	12.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

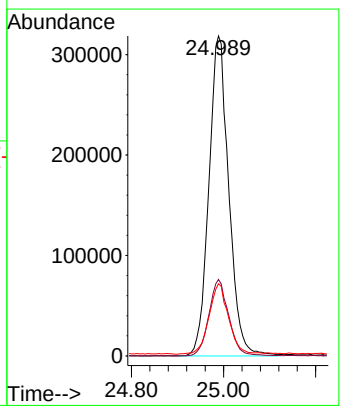
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

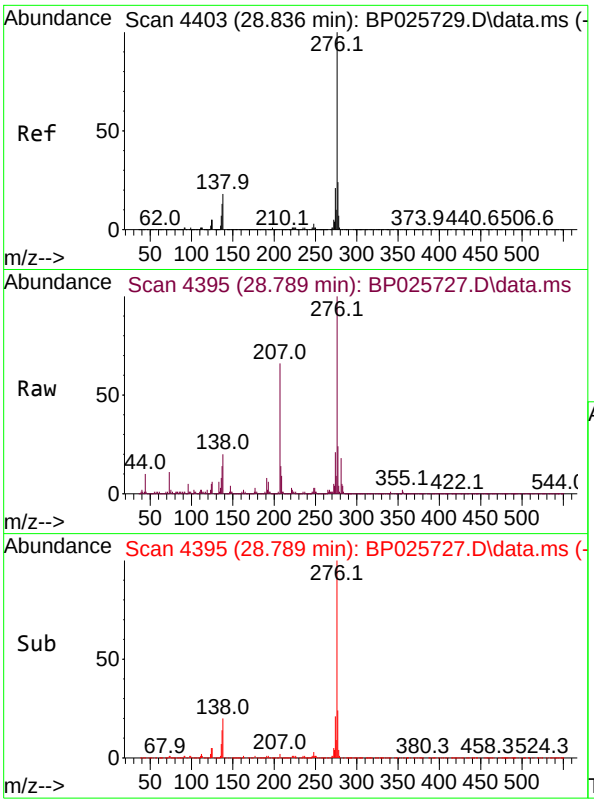


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3749
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:264 Resp: 954952

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	22.5	17.3	25.9

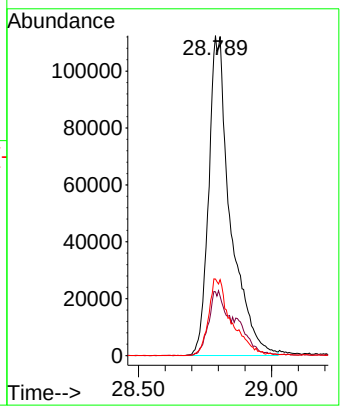




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.173 ng
RT: 28.789 min Scan# 4
Delta R.T. -0.047 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:276 Resp: 63702

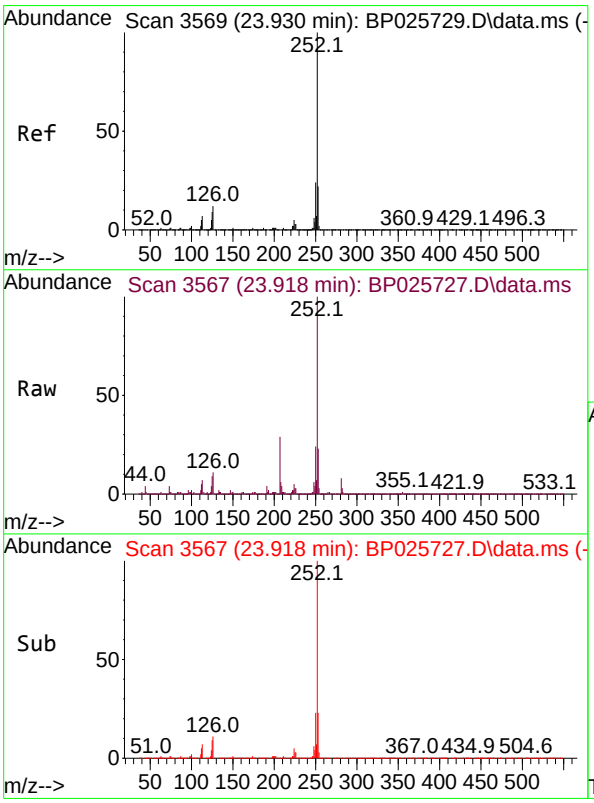
Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.4	20.2
277	25.0	9.1	13.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

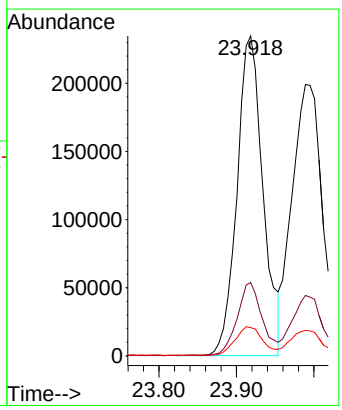
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

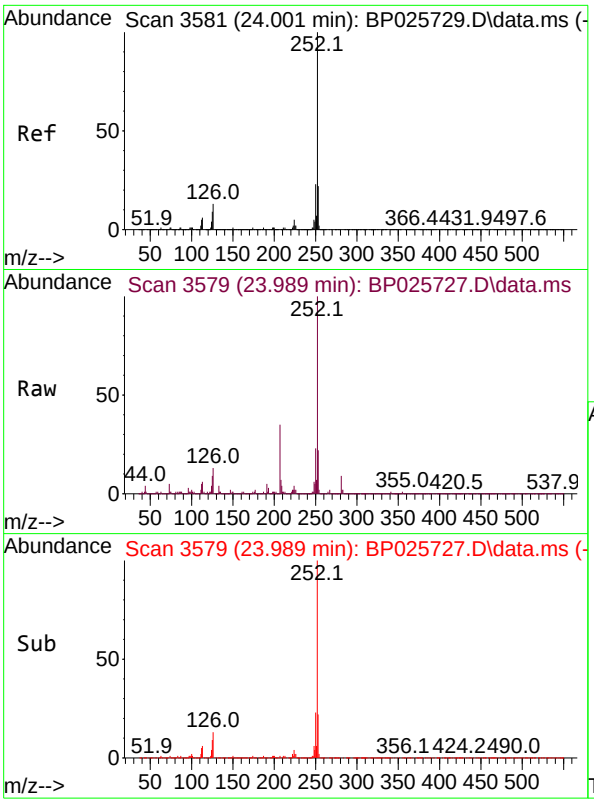


#88
Benzo(b)fluoranthene
Concen: 9.360 ng
RT: 23.918 min Scan# 3567
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:252 Resp: 546577

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	8.8	7.3	10.9

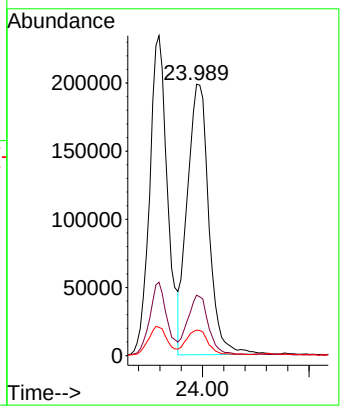




#89
Benzo(k)fluoranthene
Concen: 9.378 ng
RT: 23.989 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:252 Resp: 55883

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.4	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
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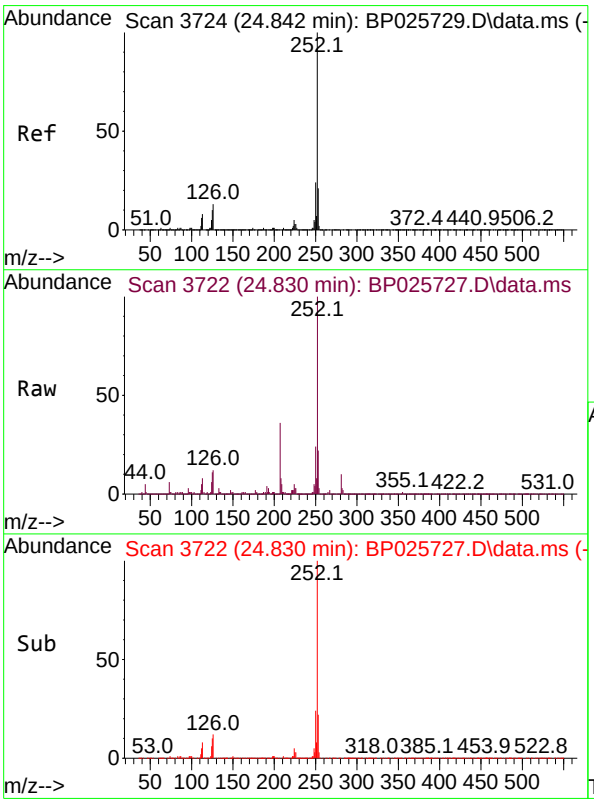
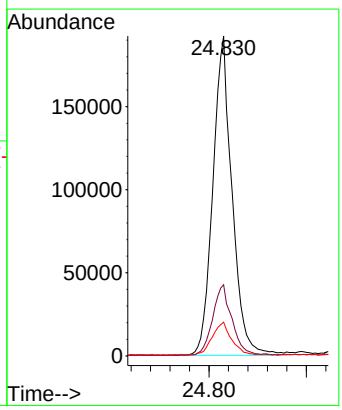
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

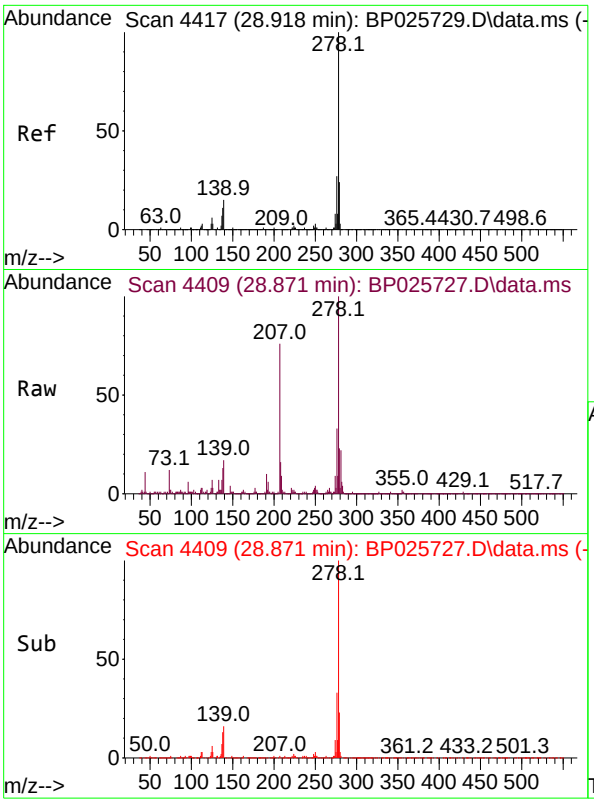


#90
Benzo(a)pyrene
Concen: 9.188 ng
RT: 24.830 min Scan# 3722
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:252 Resp: 525444

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.5	8.3	12.5

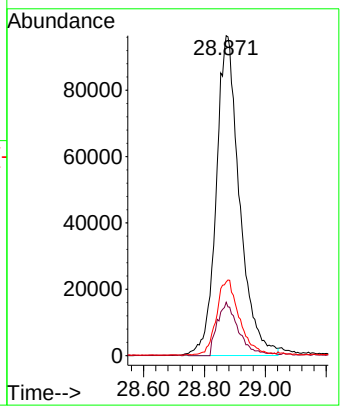




#91
Dibenzo(a,h)anthracene
Concen: 9.031 ng
RT: 28.871 min Scan# 44
Delta R.T. -0.047 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:278 Resp: 51322

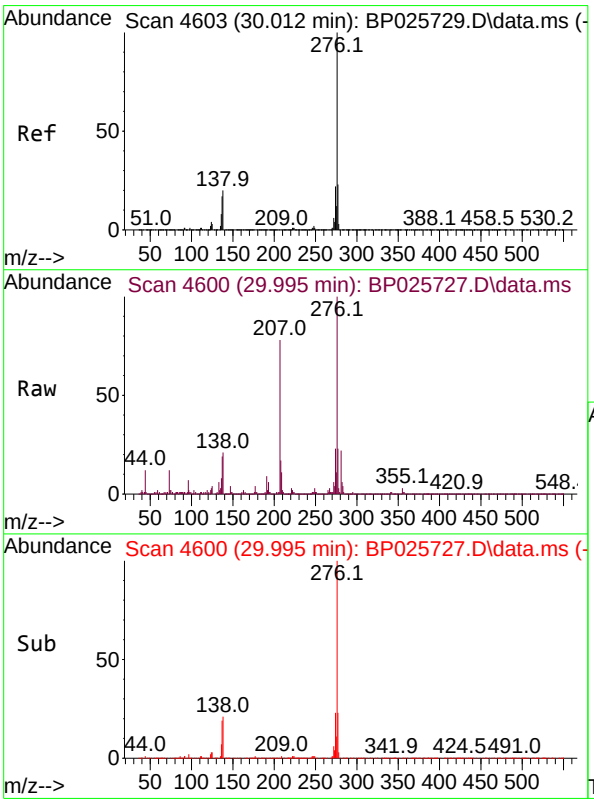
Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.1	18.1
279	23.0	19.6	29.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

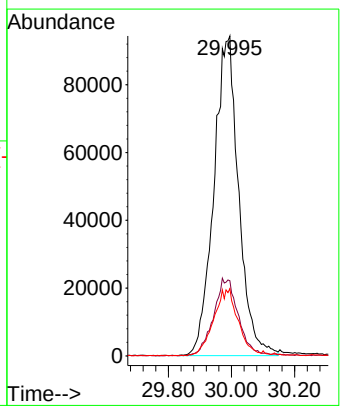
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#92
Benzo(g,h,i)perylene
Concen: 9.213 ng
RT: 29.995 min Scan# 4600
Delta R.T. -0.018 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:276 Resp: 514884

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	21.0	16.0	24.0



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025728.D
Acq On : 11 Sep 2025 10:59
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:21:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.761	152	143999	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	606294	20.000	ng		0.00
39) Acenaphthene-d10	14.378	164	418871	20.000	ng		0.00
64) Phenanthrene-d10	17.184	188	862789	20.000	ng		0.00
76) Chrysene-d12	21.630	240	931523	20.000	ng		-0.01
86) Perylene-d12	25.013	264	988151	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	380187	42.601	ng		0.00
7) Phenol-d6	6.943	99	516495	43.542	ng		0.00
23) Nitrobenzene-d5	8.902	82	594129	43.226	ng		0.00
42) 2,4,6-Tribromophenol	15.901	330	226554	43.363	ng		0.00
45) 2-Fluorobiphenyl	12.990	172	1386426	44.072	ng		0.00
79) Terphenyl-d14	19.901	244	2231186	43.089	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	80281	21.433	ng		99
3) Pyridine	3.708	79	219692	21.301	ng		98
4) n-Nitrosodimethylamine	3.614	42	103000	21.164	ng		100
6) Aniline	7.096	93	354574	21.775	ng		100
8) 2-Chlorophenol	7.337	128	208475	21.294	ng		99
9) Benzaldehyde	6.914	77	107710m	15.166	ng		
10) Phenol	6.972	94	266163	21.280	ng		98
11) bis(2-Chloroethyl)ether	7.190	93	217190	21.613	ng		97
12) 1,3-Dichlorobenzene	7.649	146	239289	21.475	ng		98
13) 1,4-Dichlorobenzene	7.790	146	244577	21.548	ng		97
14) 1,2-Dichlorobenzene	8.108	146	235224	21.333	ng		98
15) Benzyl Alcohol	8.002	79	205181	20.933	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.272	45	356609	21.700	ng		99
17) 2-Methylphenol	8.202	107	182618	21.655	ng		100
18) Hexachloroethane	8.825	117	91098	21.012	ng		99
19) n-Nitroso-di-n-propyla...	8.555	70	187222	22.899	ng		99
20) 3+4-Methylphenols	8.525	107	247752	20.978	ng		98
22) Acetophenone	8.572	105	353588	21.823	ng	#	98
24) Nitrobenzene	8.943	77	266699	21.629	ng		98
25) Isophorone	9.466	82	522705	21.636	ng		100
26) 2-Nitrophenol	9.649	139	115173	21.038	ng		99
27) 2,4-Dimethylphenol	9.713	122	208989	21.760	ng		99
28) bis(2-Chloroethoxy)met...	9.937	93	309508	22.163	ng		99
29) 2,4-Dichlorophenol	10.190	162	205319	21.441	ng		98
30) 1,2,4-Trichlorobenzene	10.390	180	228468	21.170	ng		97
31) Naphthalene	10.578	128	705465	21.579	ng		100
32) Benzoic acid	9.843	122	129745	18.170	ng		99
33) 4-Chloroaniline	10.690	127	296539	21.763	ng		99
34) Hexachlorobutadiene	10.860	225	149942	21.583	ng		99
35) Caprolactam	11.472	113	76940	20.887	ng		98
36) 4-Chloro-3-methylphenol	11.819	107	245998	21.548	ng		97
37) 2-Methylnaphthalene	12.184	142	459751	21.896	ng		98
38) 1-Methylnaphthalene	12.413	142	489270	21.851	ng		100
40) 1,2,4,5-Tetrachloroben...	12.554	216	273360	21.536	ng		100
41) Hexachlorocyclopentadiene	12.537	237	136556	19.753	ng		99
43) 2,4,6-Trichlorophenol	12.807	196	182331	21.851	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025728.D
Acq On : 11 Sep 2025 10:59
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:21:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	201778	21.728	ng		98
46) 1,1'-Biphenyl	13.207	154	669889	21.788	ng		99
47) 2-Chloronaphthalene	13.243	162	524481	21.665	ng		99
48) 2-Nitroaniline	13.460	65	174129	21.578	ng		99
49) Acenaphthylene	14.095	152	877353	21.873	ng		100
50) Dimethylphthalate	13.837	163	704532	22.031	ng		99
51) 2,6-Dinitrotoluene	13.948	165	147655	21.793	ng		99
52) Acenaphthene	14.443	154	505575	21.856	ng		99
53) 3-Nitroaniline	14.290	138	154856	21.735	ng		93
54) 2,4-Dinitrophenol	14.501	184	72511	20.292	ng		96
55) Dibenzofuran	14.790	168	823747	21.850	ng		98
56) 4-Nitrophenol	14.631	139	106678	20.895	ng		98
57) 2,4-Dinitrotoluene	14.754	165	209898	21.769	ng		93
58) Fluorene	15.442	166	661561	22.068	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	181997	21.756	ng		98
60) Diethylphthalate	15.213	149	710972	21.918	ng		98
61) 4-Chlorophenyl-phenyle...	15.431	204	331129	21.917	ng		99
62) 4-Nitroaniline	15.472	138	159664	21.891	ng		99
63) Azobenzene	15.737	77	690423	22.012	ng		99
65) 4,6-Dinitro-2-methylph...	15.537	198	116319	20.272	ng		96
66) n-Nitrosodiphenylamine	15.660	169	587714	22.259	ng		99
67) 4-Bromophenyl-phenylether	16.360	248	206823	21.820	ng		97
68) Hexachlorobenzene	16.472	284	229447	21.707	ng		94
69) Atrazine	16.642	200	223909	22.185	ng		98
70) Pentachlorophenol	16.831	266	145273	20.824	ng		98
71) Phenanthrene	17.231	178	1075795	21.981	ng		99
72) Anthracene	17.319	178	1104346	22.239	ng		99
73) Carbazole	17.601	167	1022406	22.146	ng		99
74) Di-n-butylphthalate	18.183	149	1266684	22.358	ng		99
75) Fluoranthene	19.319	202	1303398	22.205	ng		100
77) Benzidine	19.513	184	499919	18.631	ng		99
78) Pyrene	19.695	202	1345082	21.640	ng		99
80) Butylbenzylphthalate	20.636	149	592103	21.726	ng		97
81) Benzo(a)anthracene	21.607	228	1370258	21.486	ng		100
82) 3,3'-Dichlorobenzidine	21.536	252	464513	21.065	ng		99
83) Chrysene	21.683	228	1301547	21.410	ng		99
84) Bis(2-ethylhexyl)phtha...	21.548	149	866210	21.725	ng		99
85) Di-n-octyl phthalate	22.830	149	1493820	21.062	ng		100
87) Indeno(1,2,3-cd)pyrene	28.795	276	1514360	21.074	ng	#	85
88) Benzo(b)fluoranthene	23.924	252	1288073	21.316	ng		98
89) Benzo(k)fluoranthene	23.995	252	1351055	21.911	ng		98
90) Benzo(a)pyrene	24.830	252	1260461	21.300	ng		99
91) Dibenzo(a,h)anthracene	28.883	278	1238767	21.066	ng		99
92) Benzo(g,h,i)perylene	29.995	276	1210808	20.937	ng		99

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

ICAL Form

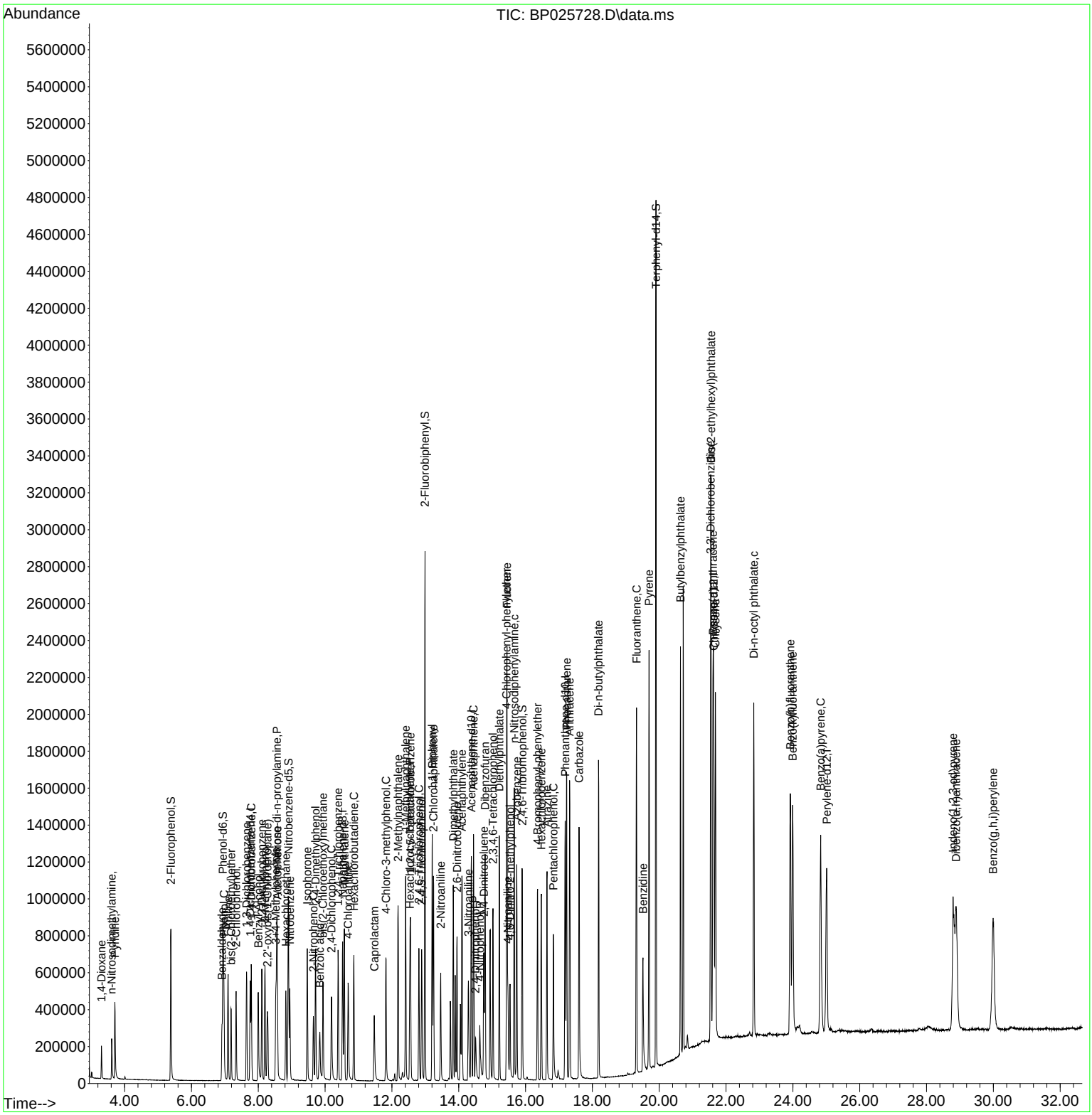
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025728.D
Acq On : 11 Sep 2025 10:59
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

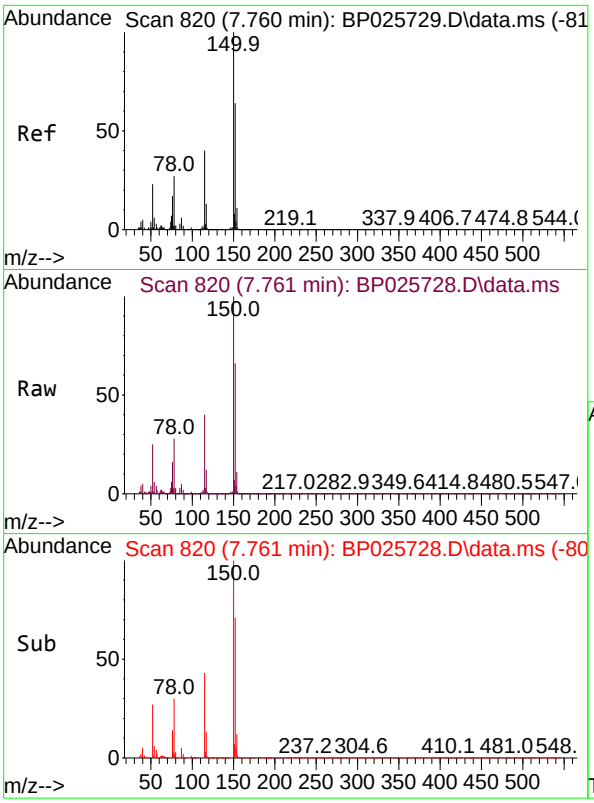
Quant Time: Sep 11 16:21:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

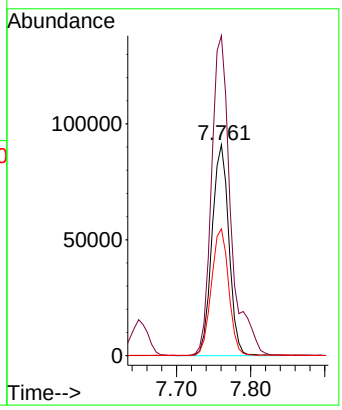




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.761 min Scan# 8
Delta R.T. 0.001 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:152 Resp: 14399

Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.3	186.5
115	60.2	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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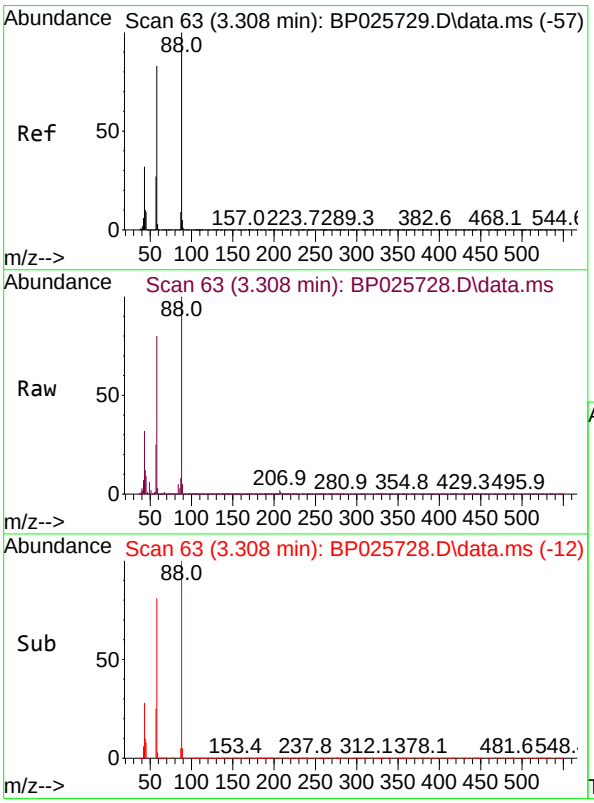
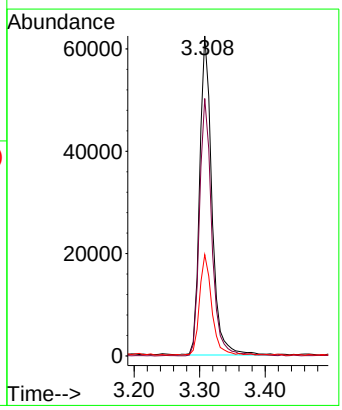
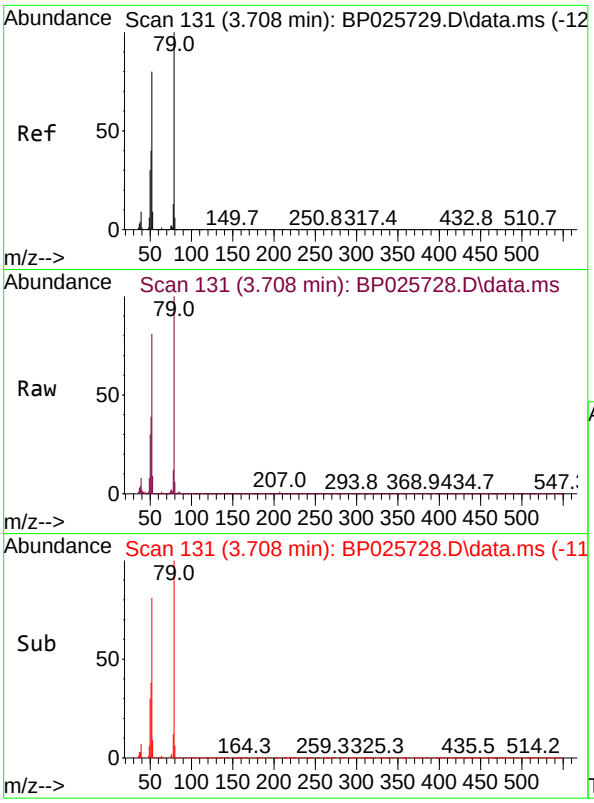


#2
1,4-Dioxane
Concen: 21.433 ng
RT: 3.308 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 88 Resp: 80281

Ion	Ratio	Lower	Upper
88	100		
58	81.1	65.5	98.3
43	31.6	25.2	37.8

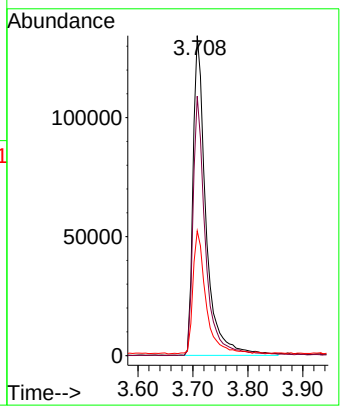




#3
Pyridine
Concen: 21.301 ng
RT: 3.708 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 79 Resp: 21969

Ion	Ratio	Lower	Upper
79	100		
52	81.1	63.7	95.5
51	39.0	32.4	48.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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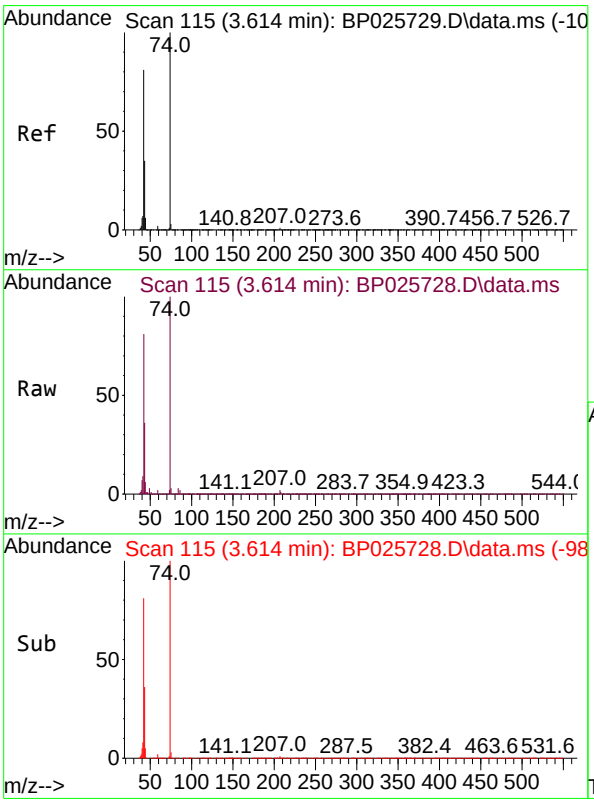
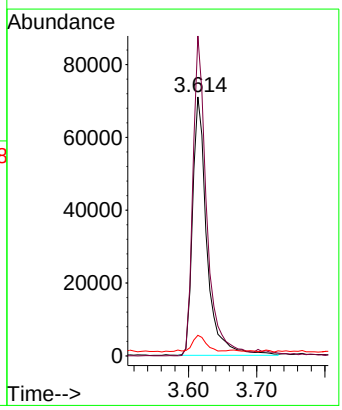
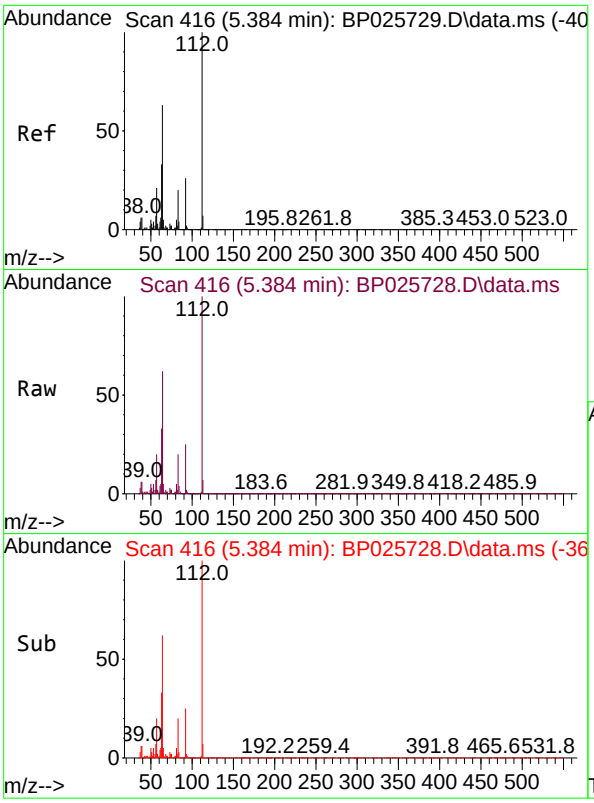


#4
n-Nitrosodimethylamine
Concen: 21.164 ng
RT: 3.614 min Scan# 115
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 42 Resp: 103000

Ion	Ratio	Lower	Upper
42	100		
74	123.6	99.2	148.8
44	8.0	6.4	9.6

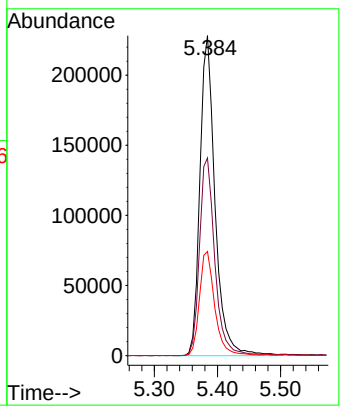




#5
2-Fluorophenol
Concen: 42.601 ng
RT: 5.384 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:112 Resp: 38018

Ion	Ratio	Lower	Upper
112	100		
64	61.8	50.2	75.4
63	32.5	26.7	40.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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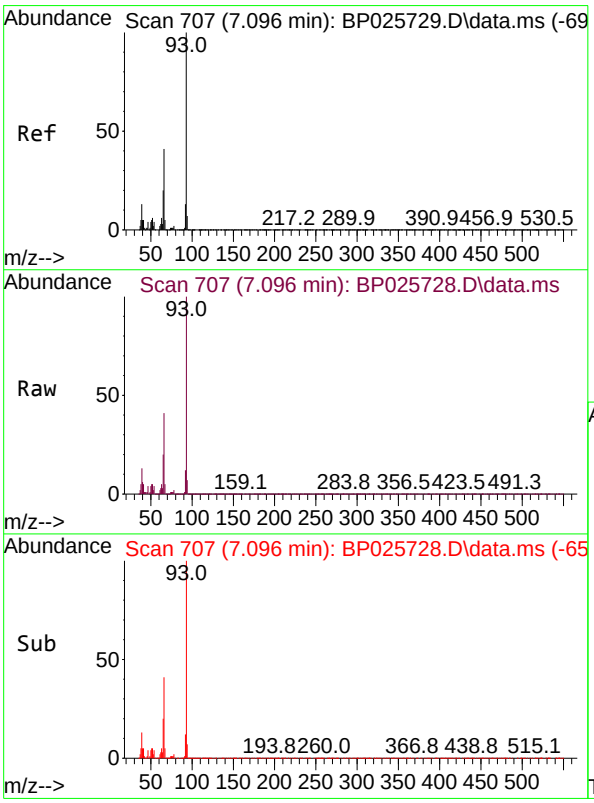
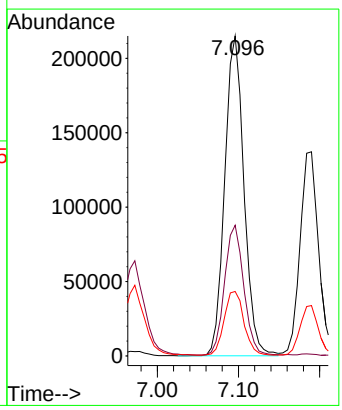
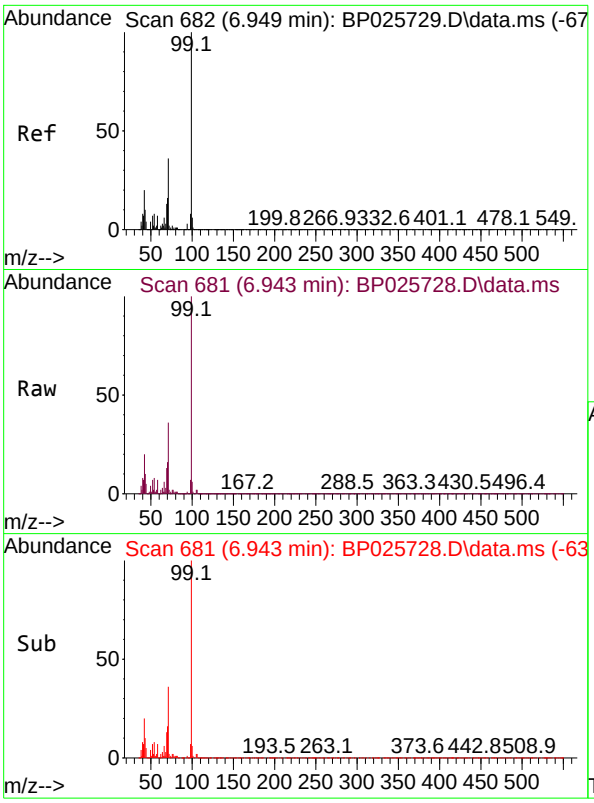


#6
Aniline
Concen: 21.775 ng
RT: 7.096 min Scan# 707
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 93 Resp: 354574

Ion	Ratio	Lower	Upper
93	100		
66	40.8	32.6	49.0
65	20.1	16.2	24.2

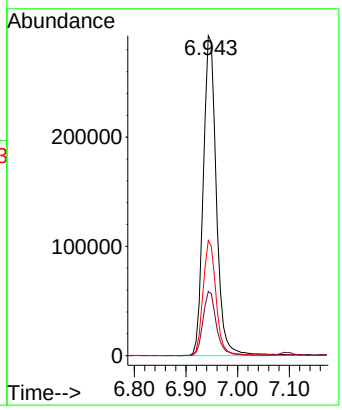




#7
Phenol-d6
Concen: 43.542 ng
RT: 6.943 min Scan# 68
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 99 Resp: 51649

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.6	23.4
71	36.0	28.6	43.0



Instrument :
BNA_P
ClientSampleId :
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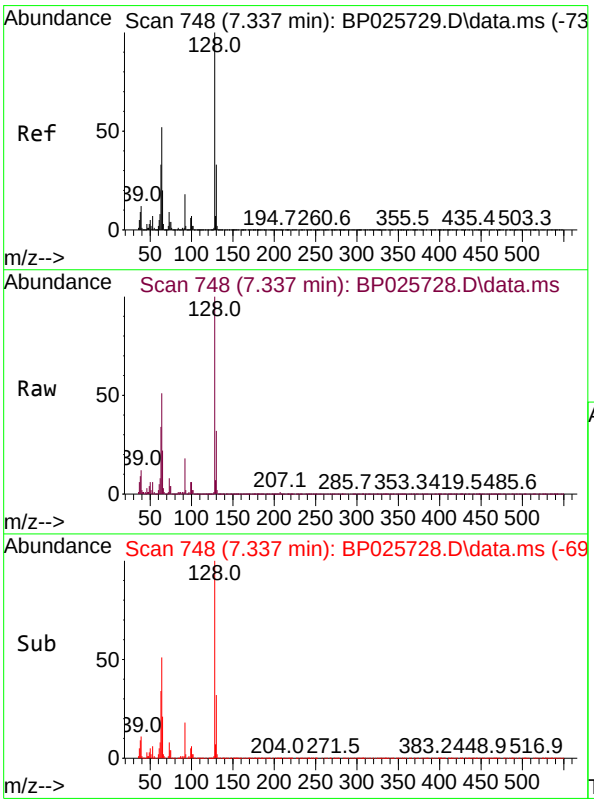
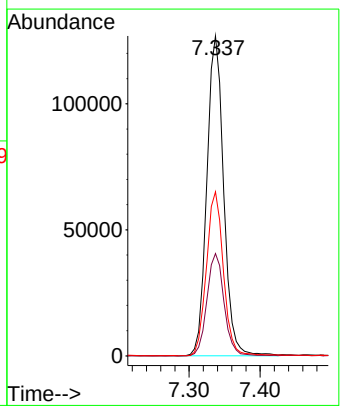
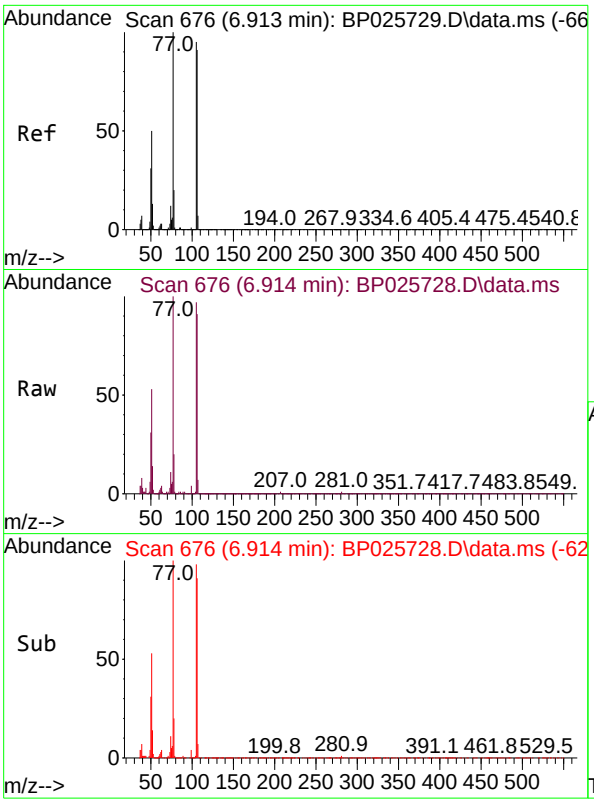


#8
2-Chlorophenol
Concen: 21.294 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:128 Resp: 208475

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.6	52.6
64	51.3	31.6	71.6

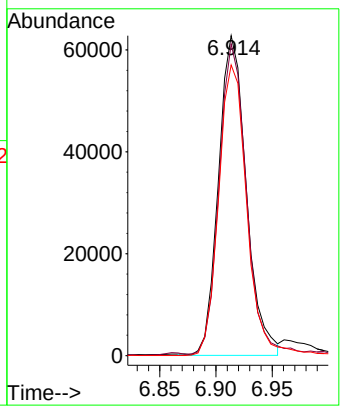




#9
Benzaldehyde
Concen: 15.166 ng m
RT: 6.914 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 77 Resp: 10771

Ion	Ratio	Lower	Upper
77	100		
105	97.4	75.2	115.2
106	90.8	71.3	111.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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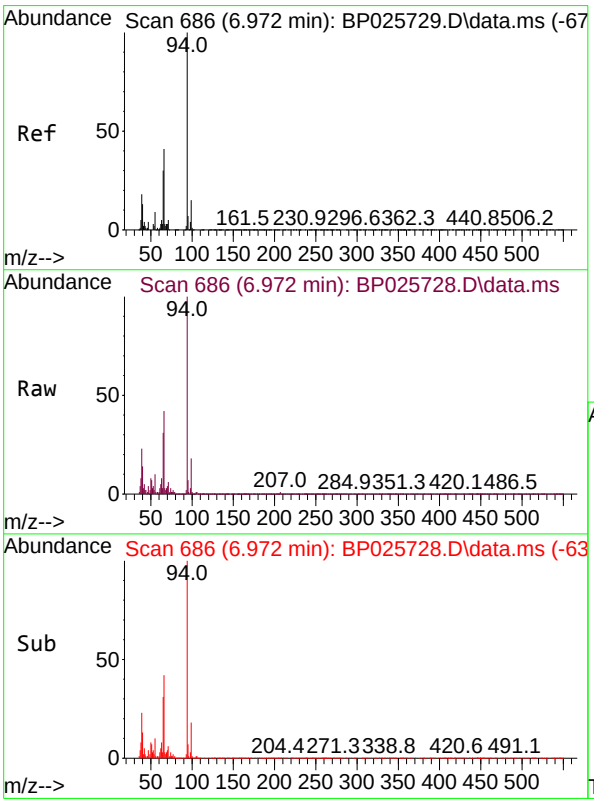
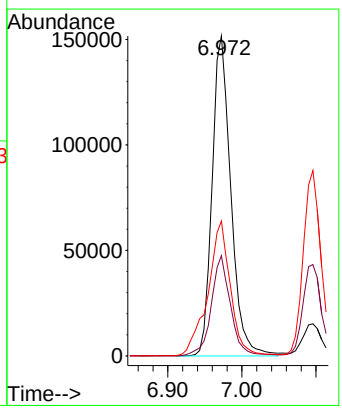
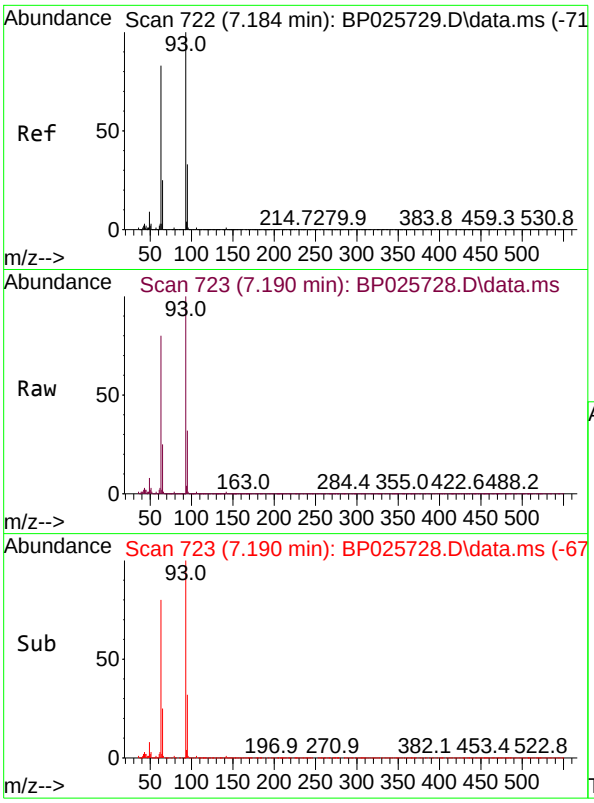


#10
Phenol
Concen: 21.280 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 94 Resp: 266163

Ion	Ratio	Lower	Upper
94	100		
65	31.3	10.2	50.2
66	42.2	21.4	61.4

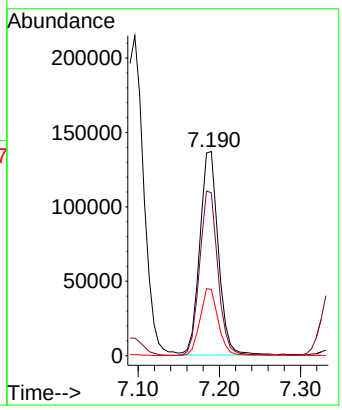




#11
bis(2-Chloroethyl)ether
Concen: 21.613 ng
RT: 7.190 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 93 Resp: 21719

Ion	Ratio	Lower	Upper
93	100		
63	79.8	62.6	102.6
95	32.4	13.2	53.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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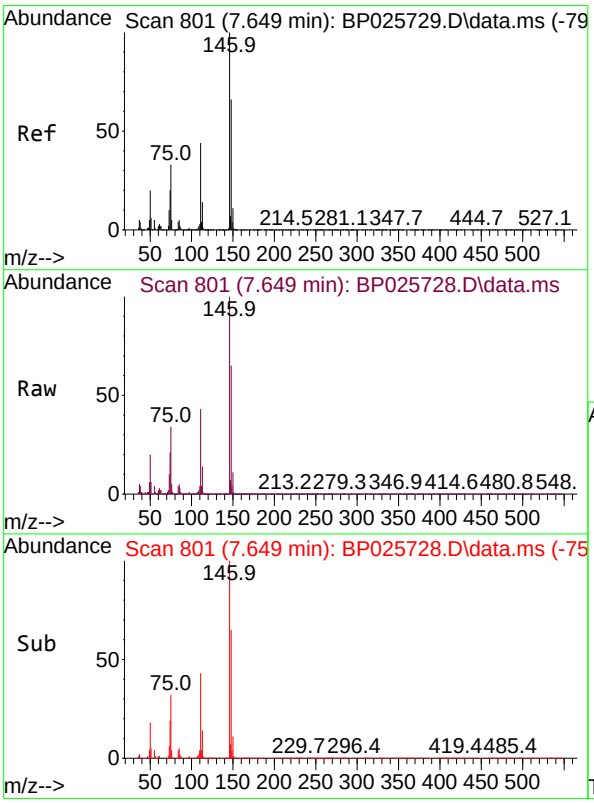
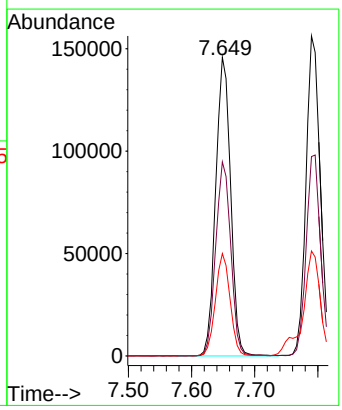
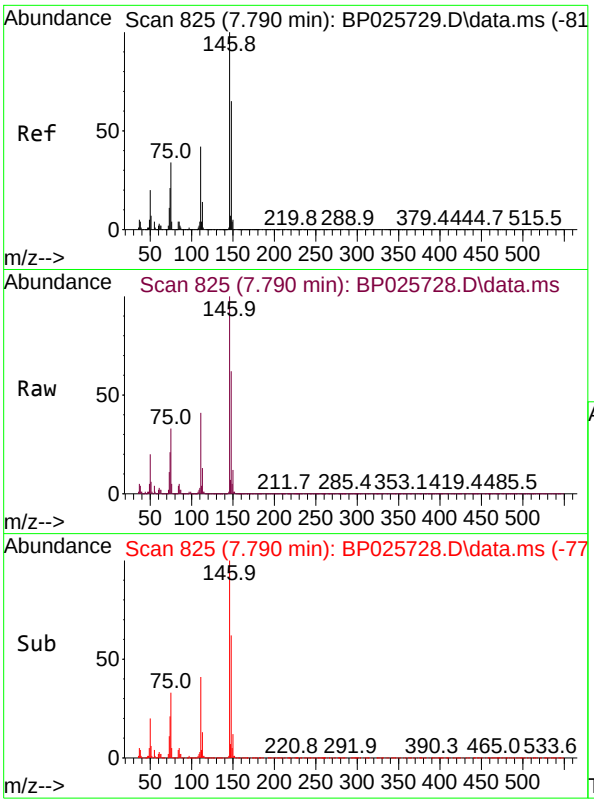


#12
1,3-Dichlorobenzene
Concen: 21.475 ng
RT: 7.649 min Scan# 801
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:146 Resp: 239289

Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.7	79.1
75	34.3	26.4	39.6

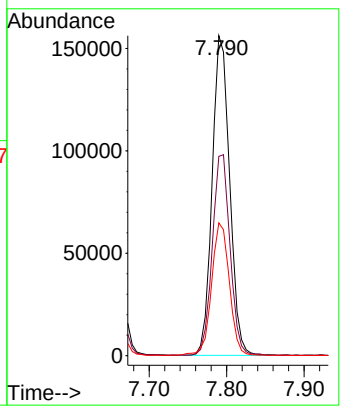




#13
1,4-Dichlorobenzene
Concen: 21.548 ng
RT: 7.790 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:146 Resp: 24457

Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.0	78.0
111	41.5	33.9	50.9



Instrument :
BNA_P
ClientSampleId :
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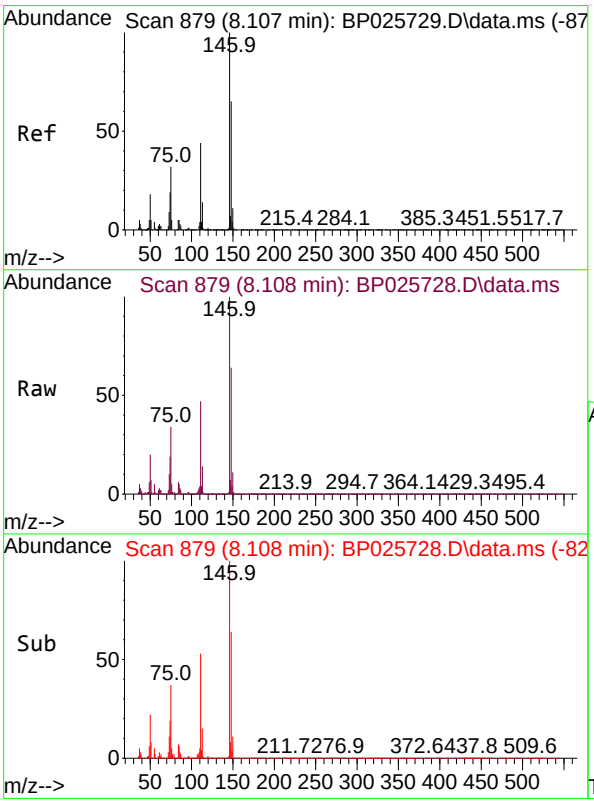
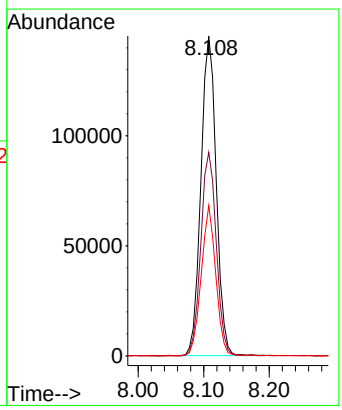
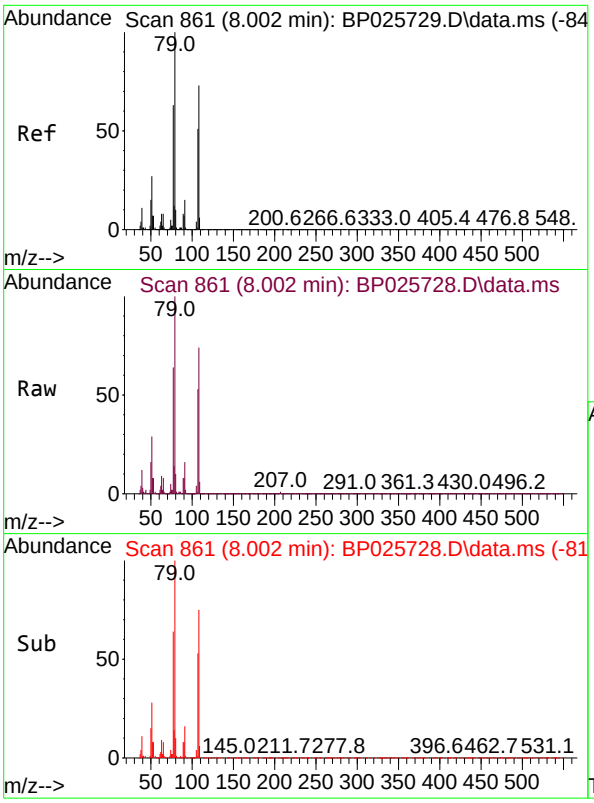


#14
1,2-Dichlorobenzene
Concen: 21.333 ng
RT: 8.108 min Scan# 879
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:146 Resp: 235224

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.7	77.5
111	46.9	35.5	53.3

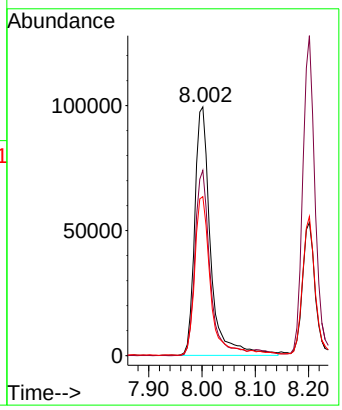




#15
Benzyl Alcohol
Concen: 20.933 ng
RT: 8.002 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 79 Resp: 20518

Ion	Ratio	Lower	Upper
79	100		
108	74.5	58.7	88.1
77	63.9	50.2	75.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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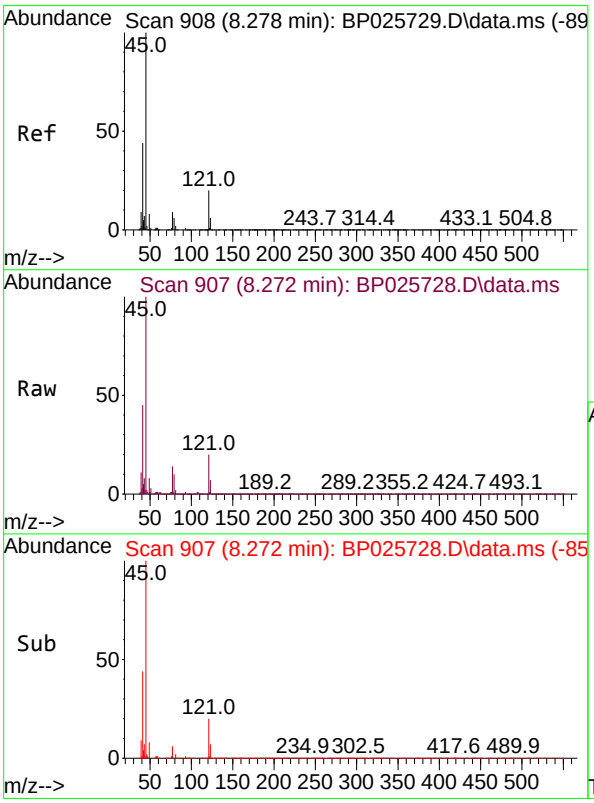
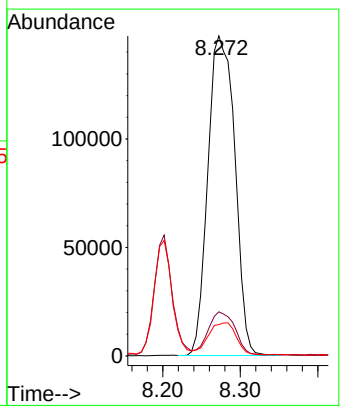
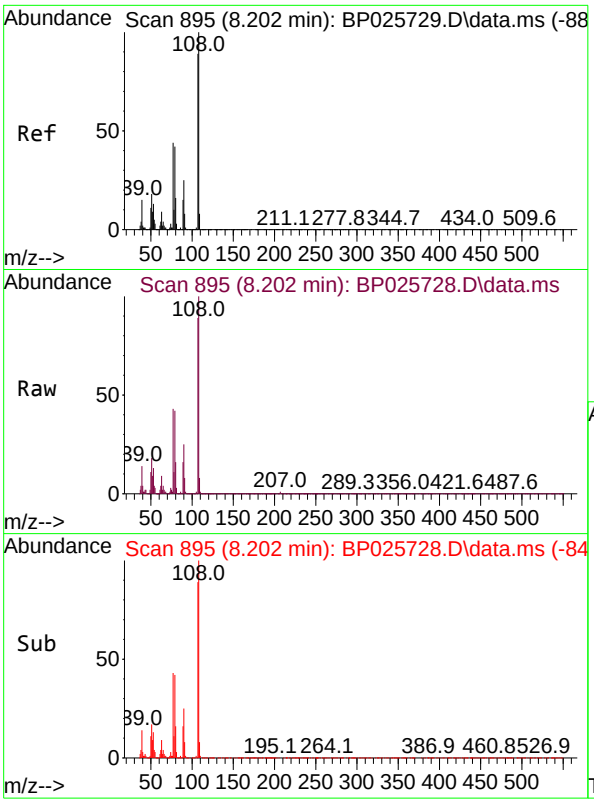


#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.700 ng
RT: 8.272 min Scan# 907
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 45 Resp: 356609

Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.1
79	9.8	0.0	30.0

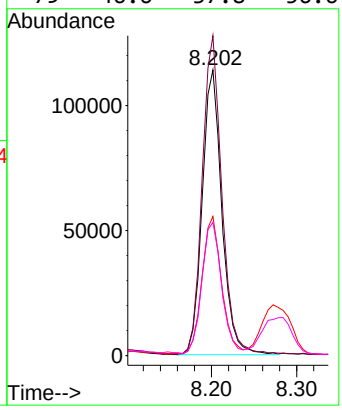




#17
2-Methylphenol
Concen: 21.655 ng
RT: 8.202 min Scan# 89
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:107 Resp: 182618

Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.6	134.4
77	48.7	39.3	58.9
79	46.6	37.8	56.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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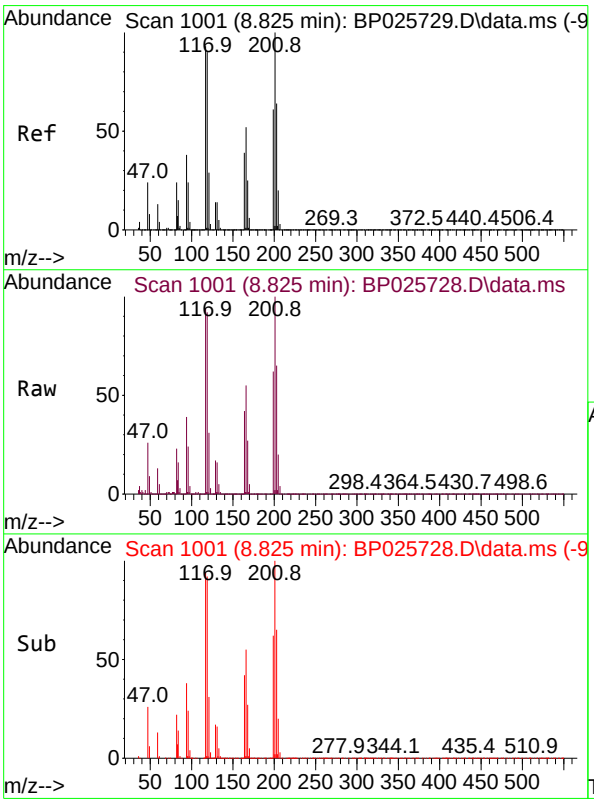
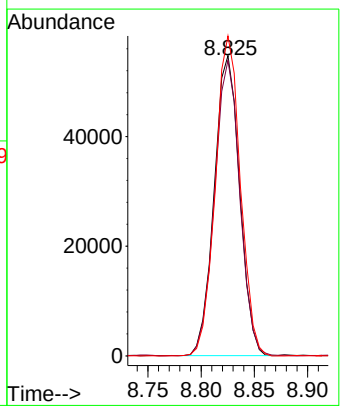
Supervised By :Jagrut Upadhyay 09/12/2025

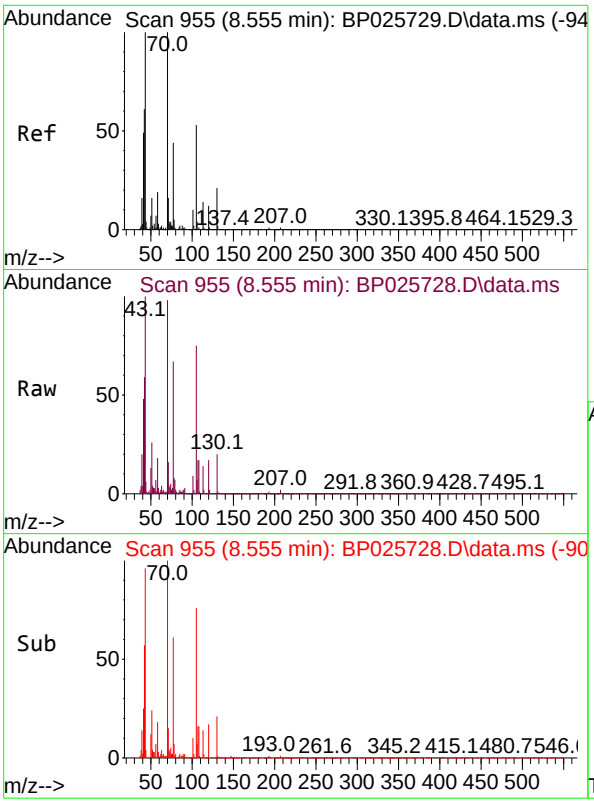


#18
Hexachloroethane
Concen: 21.012 ng
RT: 8.825 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:117 Resp: 91098

Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.1	115.7
201	106.6	85.6	128.4

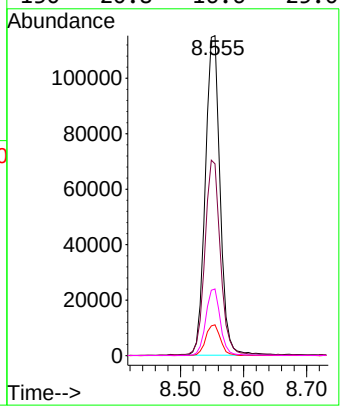




#19
n-Nitroso-di-n-propylamine
Concen: 22.899 ng
RT: 8.555 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 70 Resp: 18722

Ion	Ratio	Lower	Upper
70	100		
42	59.9	49.0	73.4
101	9.6	7.9	11.9
130	20.8	16.6	25.0



Instrument :
BNA_P
ClientSampleId :
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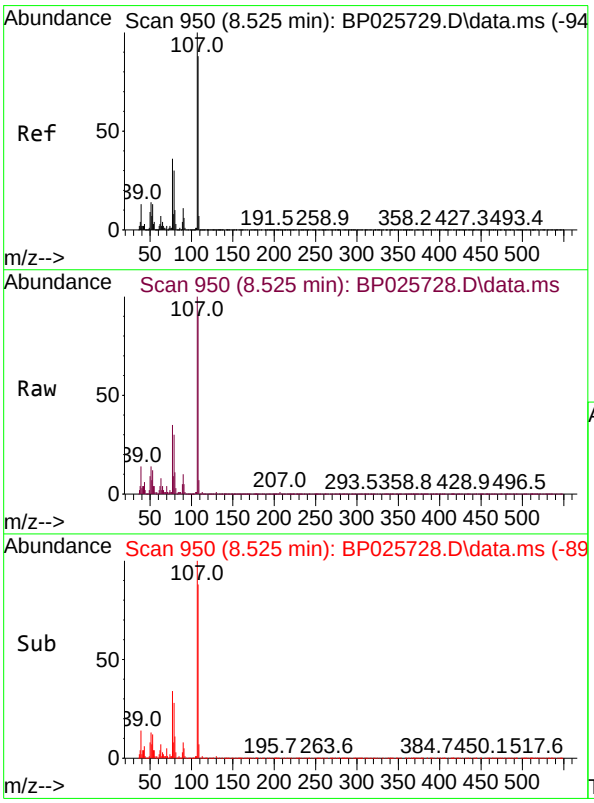
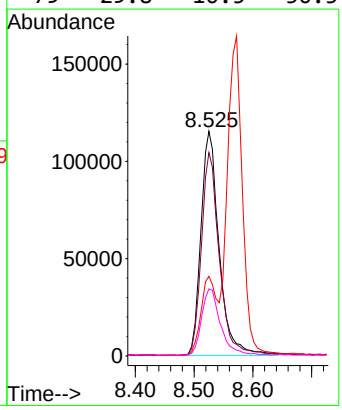
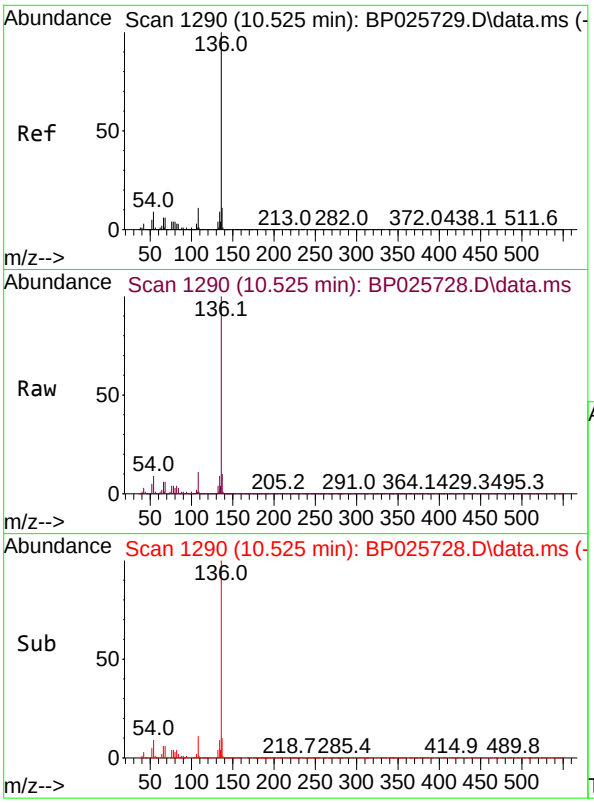


#20
3+4-Methylphenols
Concen: 20.978 ng
RT: 8.525 min Scan# 950
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:107 Resp: 247752

Ion	Ratio	Lower	Upper
107	100		
108	90.5	67.8	107.8
77	35.4	16.1	56.1
79	29.8	10.5	50.5

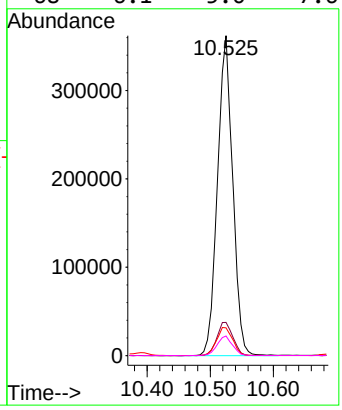




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:136 Resp: 60629

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	8.7	7.5	11.3
68	6.1	5.0	7.6



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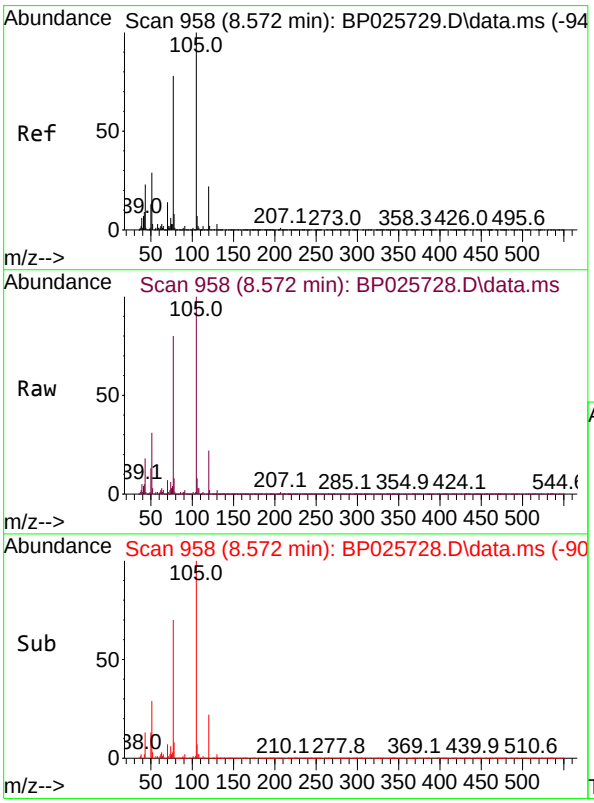
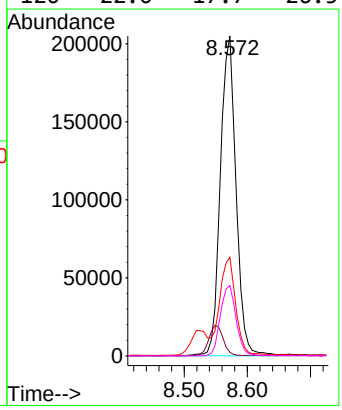
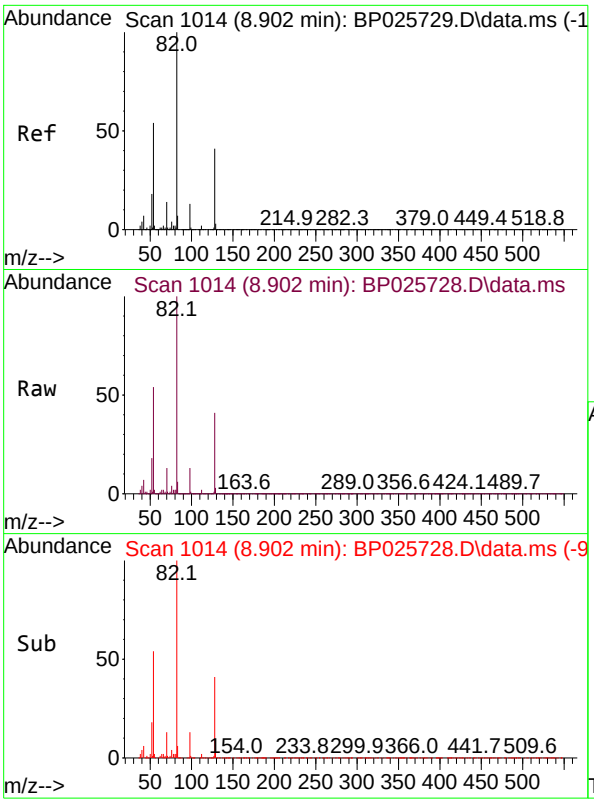


#22
Acetophenone
Concen: 21.823 ng
RT: 8.572 min Scan# 958
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:105 Resp: 353588

Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.8	2.8#
51	30.8	23.5	35.3
120	22.0	17.7	26.5

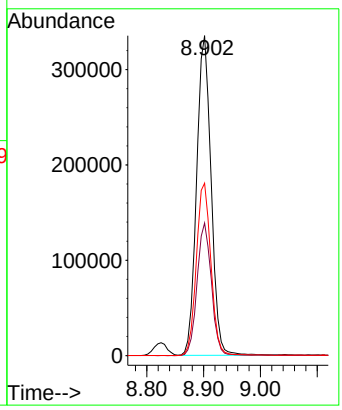




#23
Nitrobenzene-d5
Concen: 43.226 ng
RT: 8.902 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 82 Resp: 59412

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.9	49.3
54	53.9	43.4	65.2



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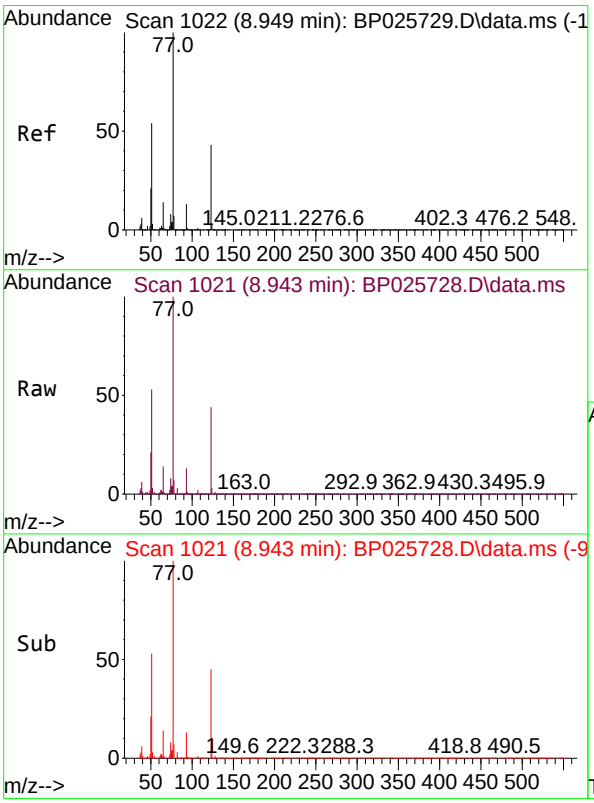
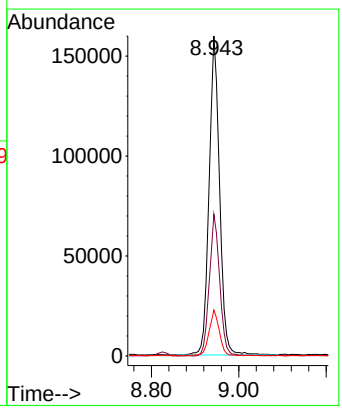
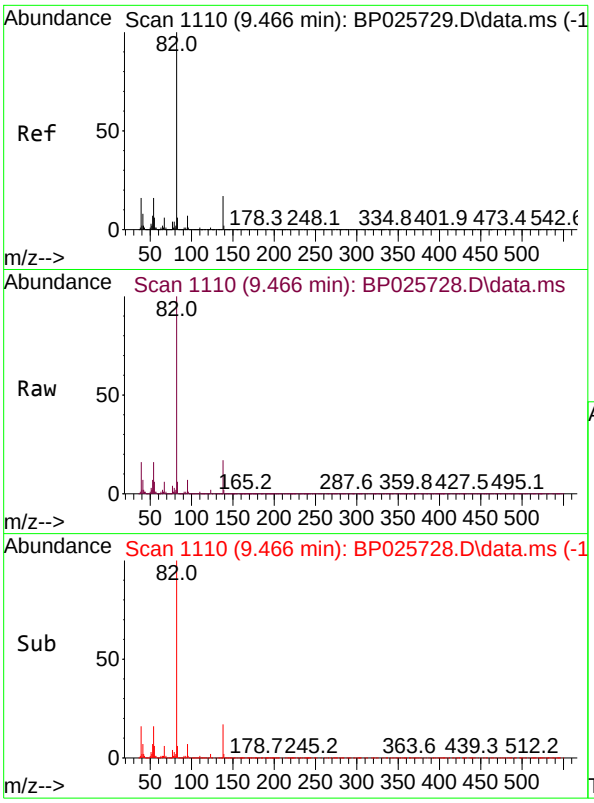


#24
Nitrobenzene
Concen: 21.629 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 77 Resp: 266699

Ion	Ratio	Lower	Upper
77	100		
123	44.3	34.4	51.6
65	14.3	10.8	16.2

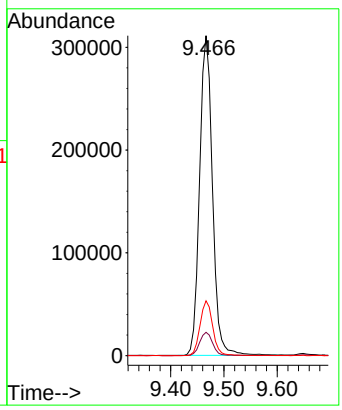




#25
Isophorone
Concen: 21.636 ng
RT: 9.466 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 82 Resp: 52270

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	17.1	13.5	20.3



Instrument :
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ClientSampleId :
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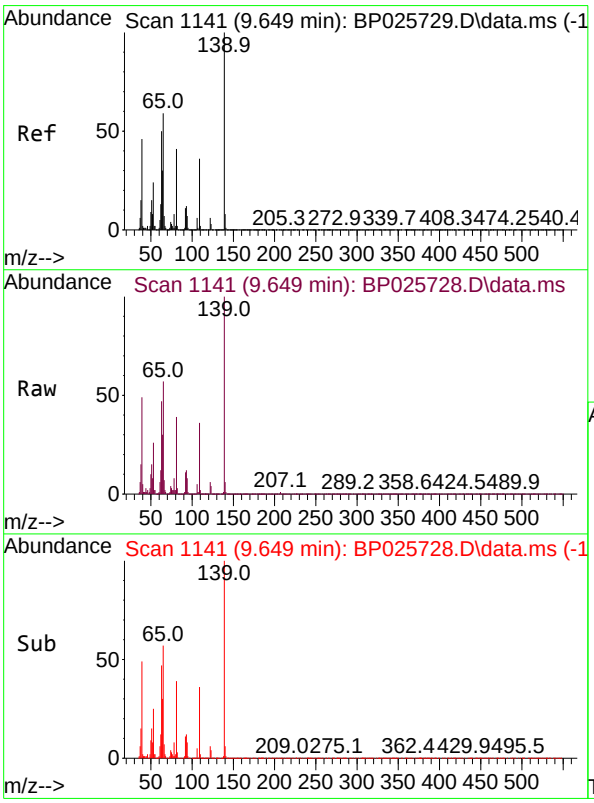
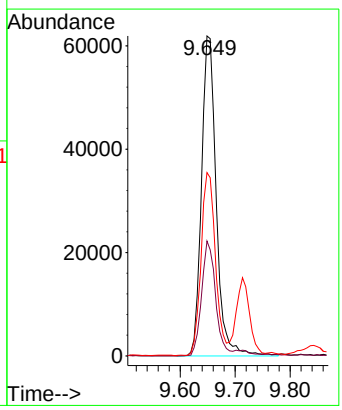
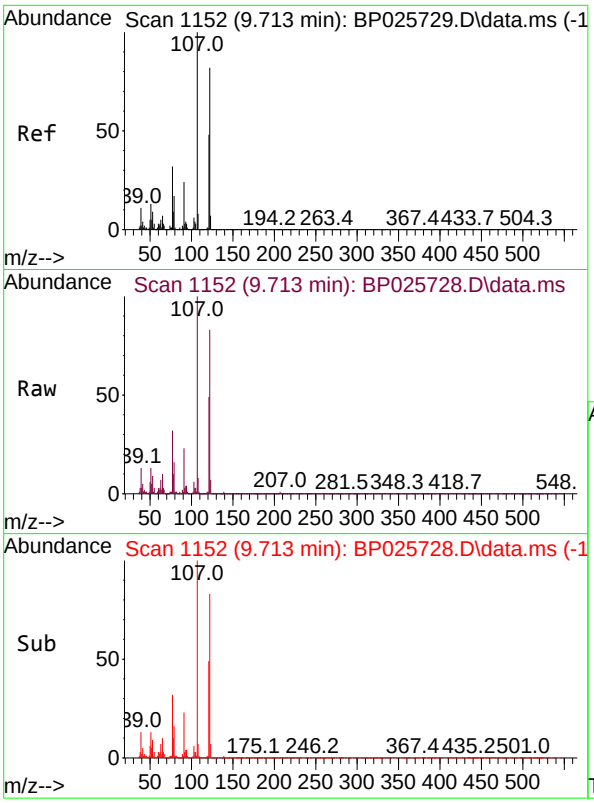


#26
2-Nitrophenol
Concen: 21.038 ng
RT: 9.649 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:139 Resp: 115173

Ion	Ratio	Lower	Upper
139	100		
109	35.9	29.0	43.4
65	57.3	46.9	70.3

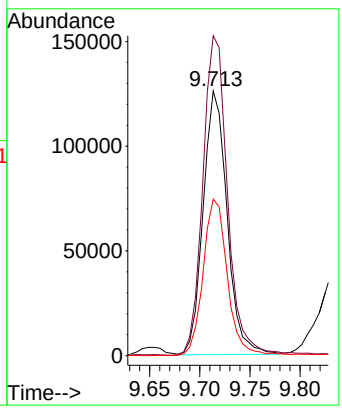




#27
2,4-Dimethylphenol
Concen: 21.760 ng
RT: 9.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:122 Resp: 208989

Ion	Ratio	Lower	Upper
122	100		
107	120.9	97.9	146.9
121	59.1	47.4	71.0



Instrument :
BNA_P
ClientSampleId :
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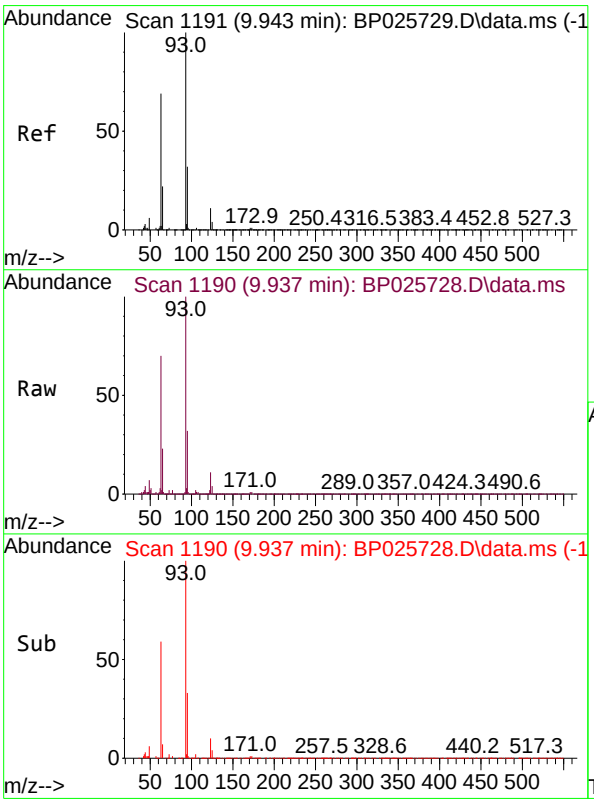
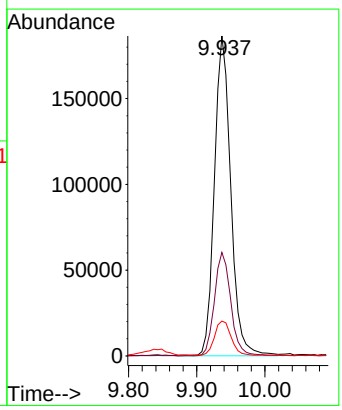
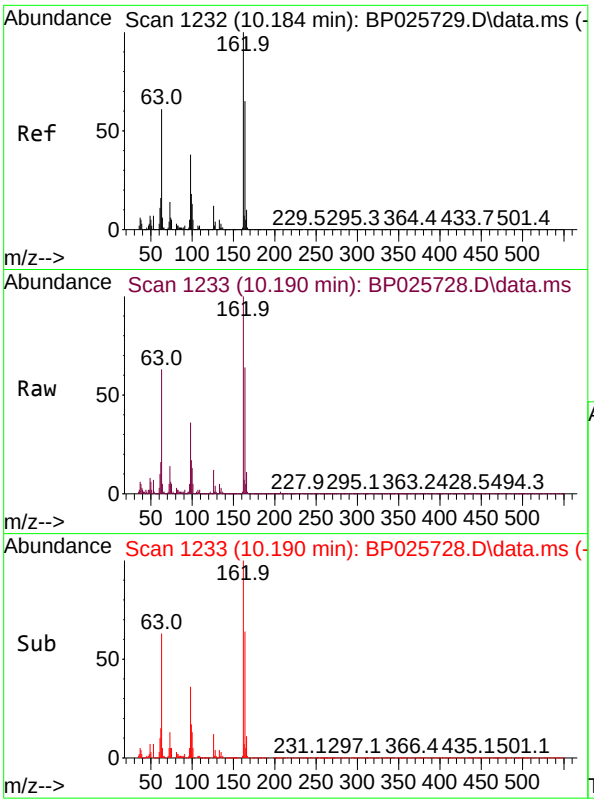


#28
bis(2-Chloroethoxy)methane
Concen: 22.163 ng
RT: 9.937 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 93 Resp: 309508

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.6	38.4
123	10.9	9.2	13.8

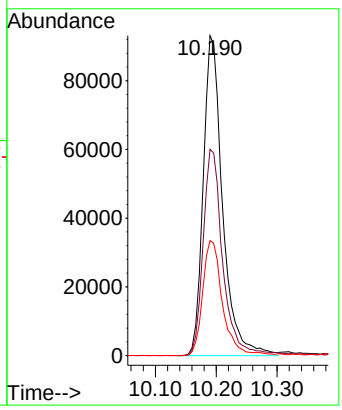




#29
2,4-Dichlorophenol
Concen: 21.441 ng
RT: 10.190 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:162 Resp: 20531

Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.7	84.7
98	35.9	18.1	58.1



Instrument :
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ClientSampleId :
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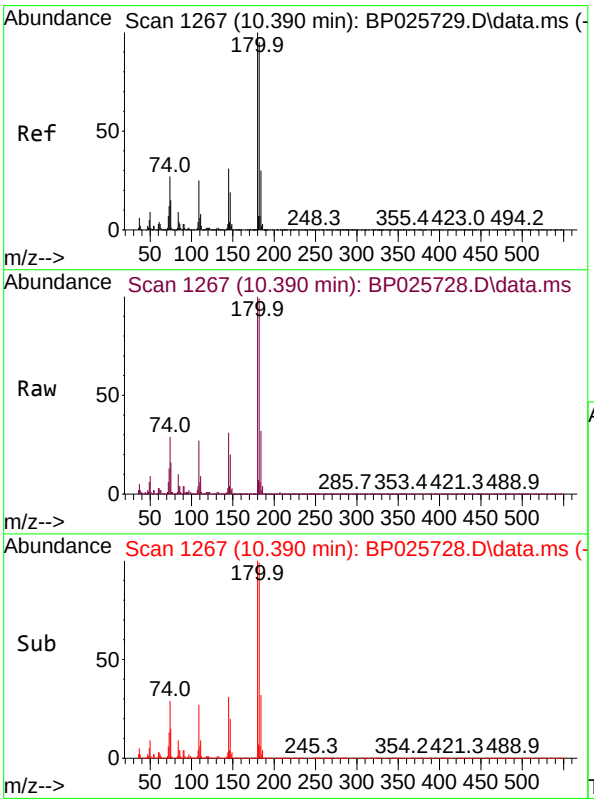
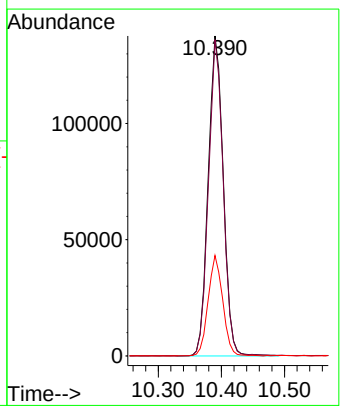
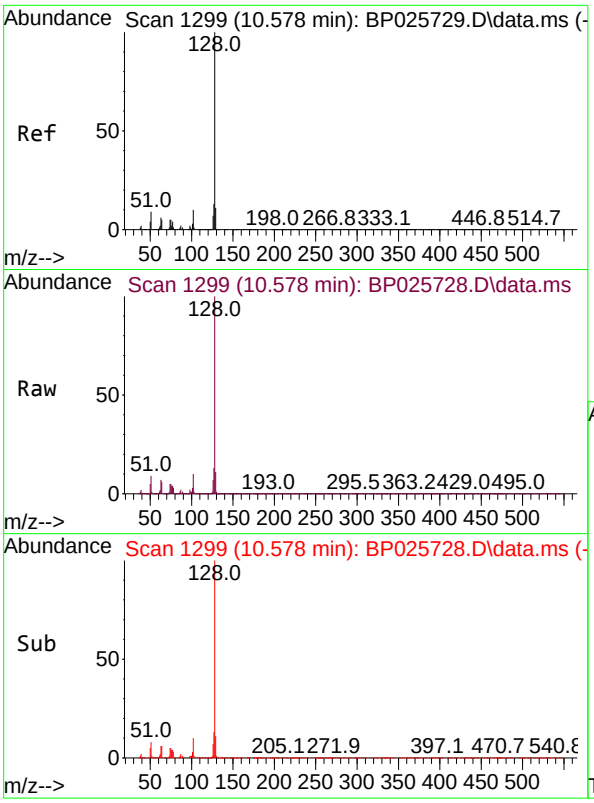


#30
1,2,4-Trichlorobenzene
Concen: 21.170 ng
RT: 10.390 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:180 Resp: 228468

Ion	Ratio	Lower	Upper
180	100		
182	98.8	76.0	114.0
145	31.4	24.7	37.1

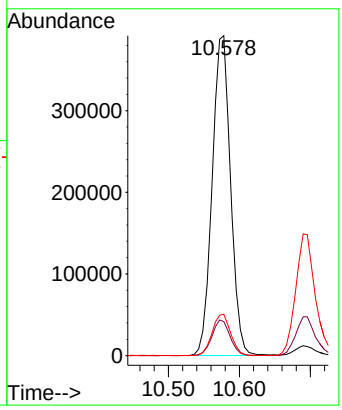




#31
Naphthalene
Concen: 21.579 ng
RT: 10.578 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:128 Resp: 70546

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	12.9	10.2	15.4



Instrument :
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ClientSampleId :
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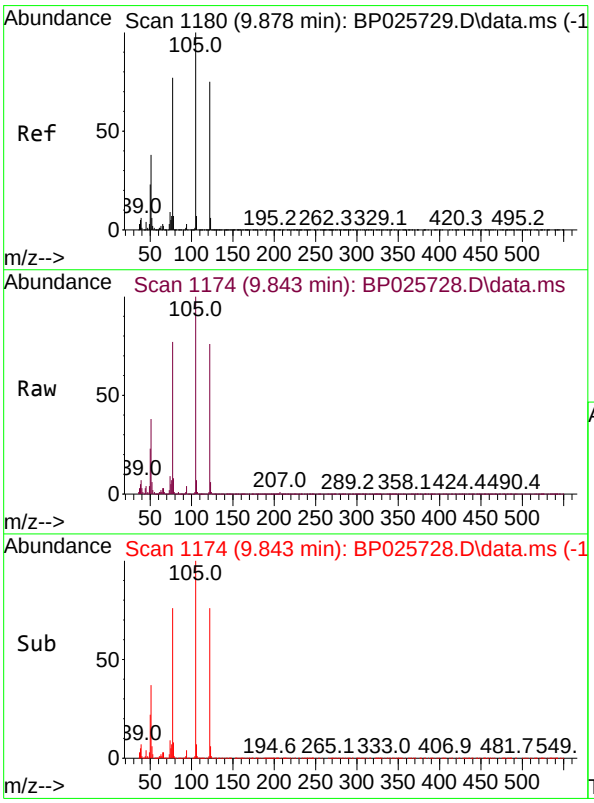
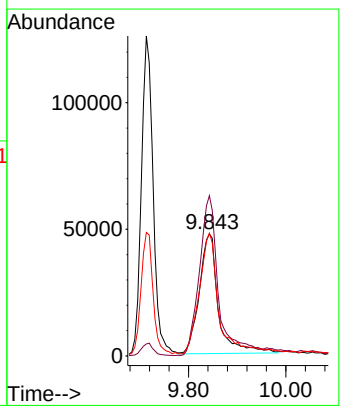
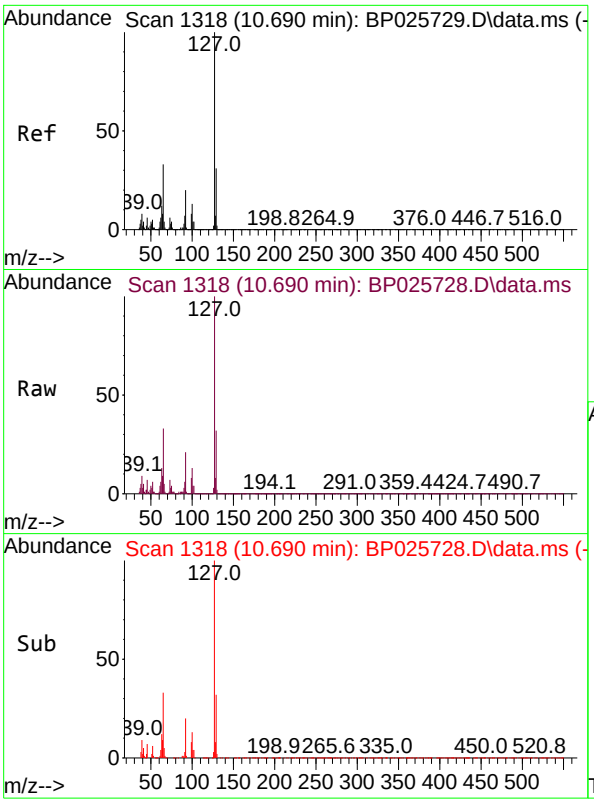


#32
Benzoic acid
Concen: 18.170 ng
RT: 9.843 min Scan# 1174
Delta R.T. -0.035 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:122 Resp: 129745

Ion	Ratio	Lower	Upper
122	100		
105	131.3	111.5	151.5
77	100.6	81.8	121.8

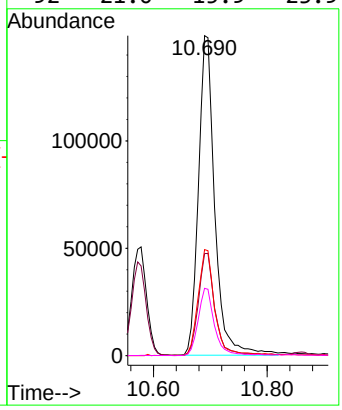




#33
4-Chloroaniline
Concen: 21.763 ng
RT: 10.690 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:127 Resp: 29653

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.1	37.7
65	33.1	26.4	39.6
92	21.0	15.9	23.9



Instrument :
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ClientSampleId :
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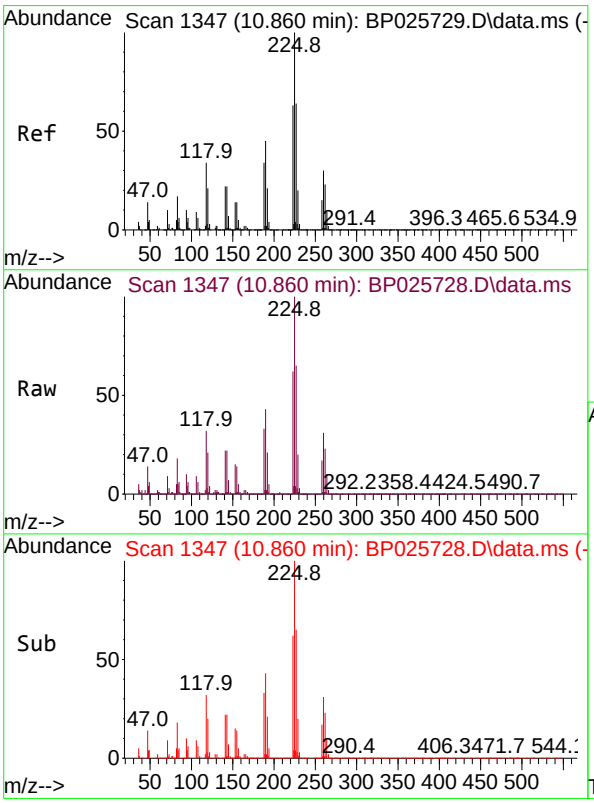
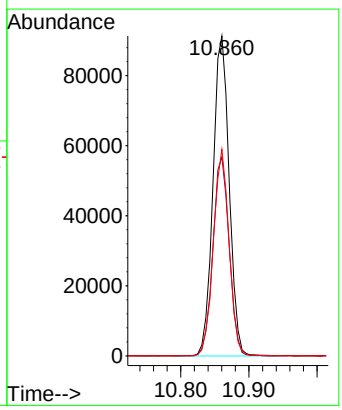
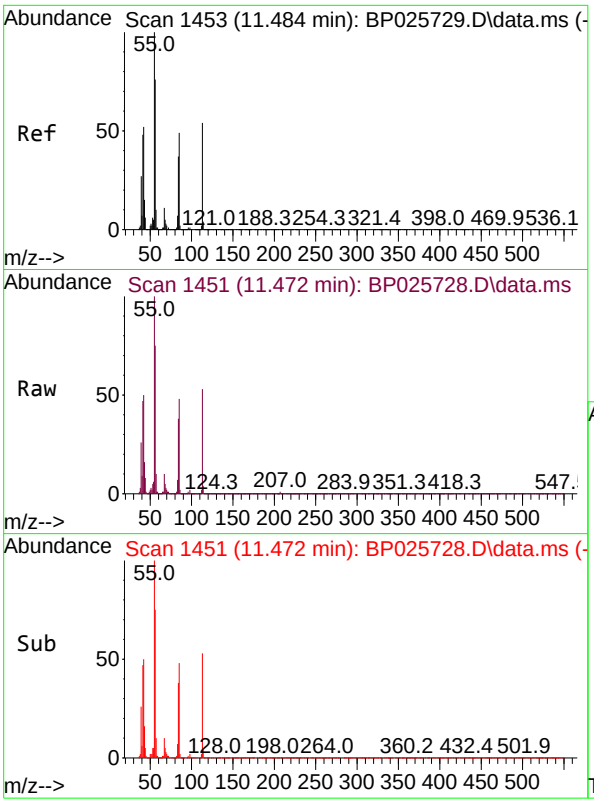


#34
Hexachlorobutadiene
Concen: 21.583 ng
RT: 10.860 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:225 Resp: 149942

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.1	75.1
227	64.5	51.2	76.8





#35
Caprolactam
Concen: 20.887 ng
RT: 11.472 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:113 Resp: 7694

Ion	Ratio	Lower	Upper
113	100		
55	189.8	165.5	205.5
56	141.6	121.1	161.1

Instrument :
BNA_P
ClientSampleId :
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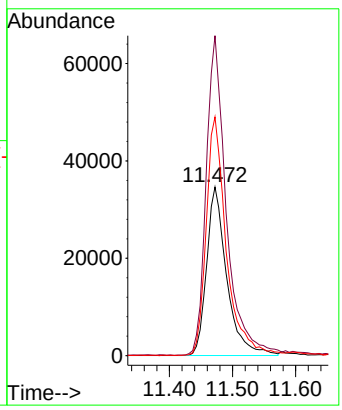
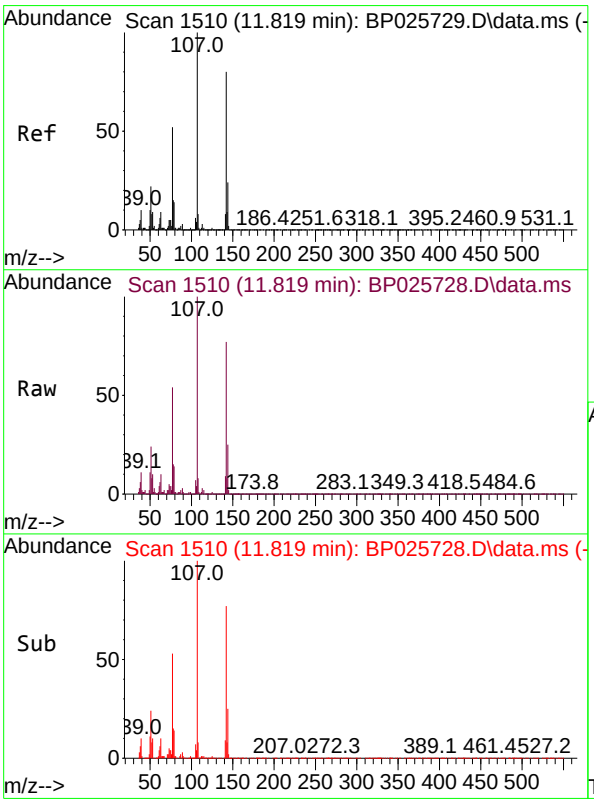
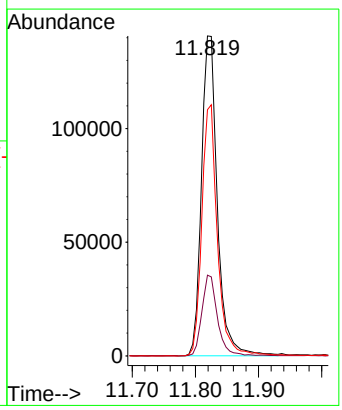


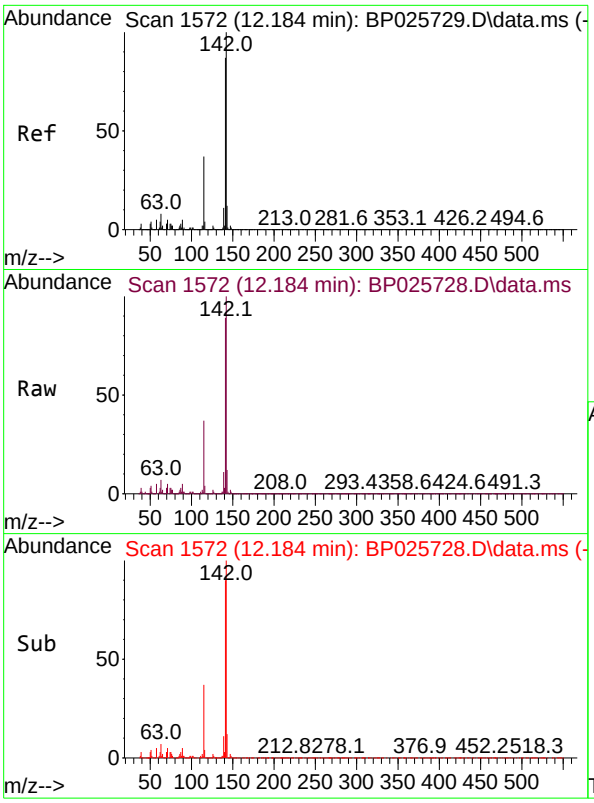


#36
4-Chloro-3-methylphenol
Concen: 21.548 ng
RT: 11.819 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:107 Resp: 245998

Ion	Ratio	Lower	Upper
107	100		
144	25.2	19.4	29.2
142	76.9	63.8	95.6

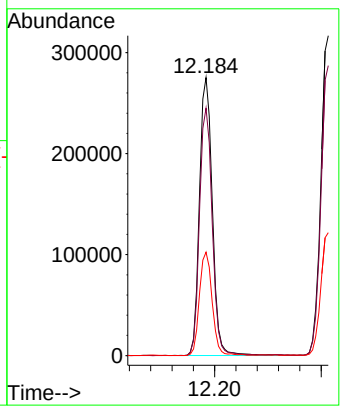




#37
2-Methylnaphthalene
Concen: 21.896 ng
RT: 12.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:142 Resp: 45975

Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.6	104.4
115	37.2	30.0	45.0



Instrument :
BNA_P
ClientSampleId :
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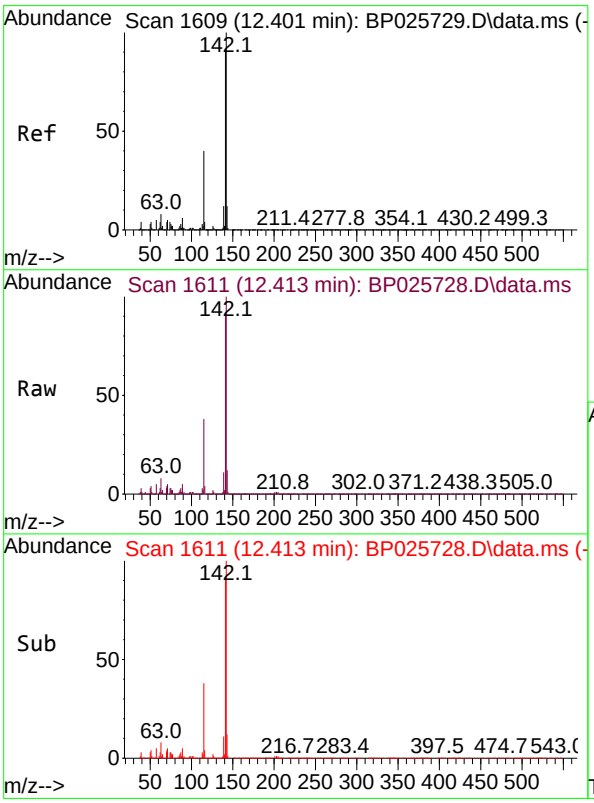
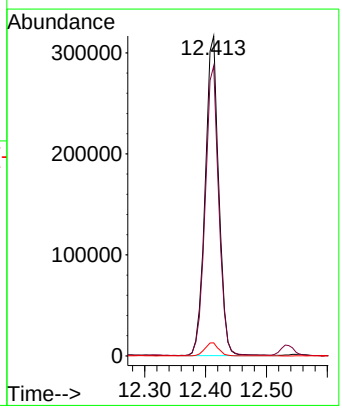
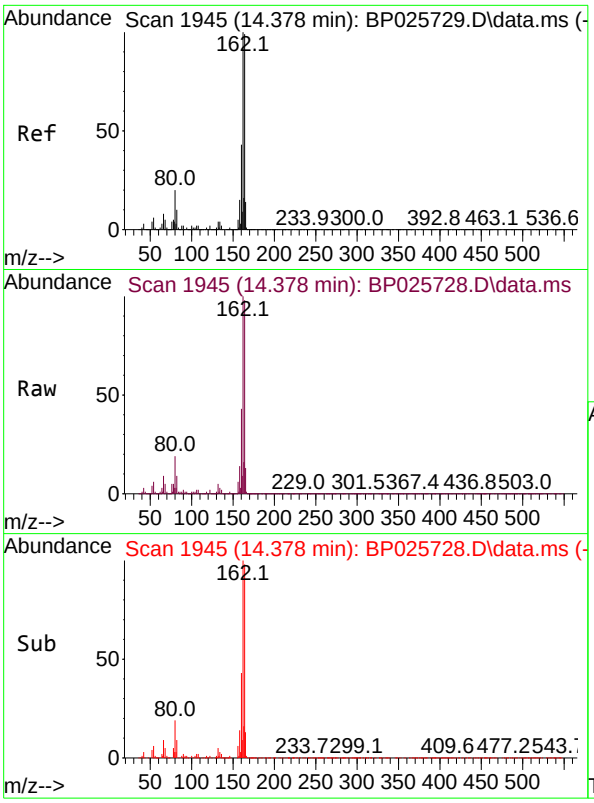


#38
1-Methylnaphthalene
Concen: 21.851 ng
RT: 12.413 min Scan# 1611
Delta R.T. 0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:142 Resp: 489270

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.7	109.1
116	4.1	3.5	5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:164 Resp: 41887

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.6	120.8
160	44.3	35.0	52.6

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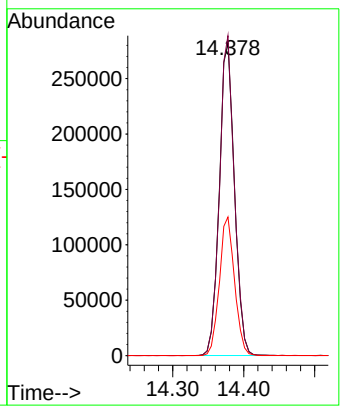
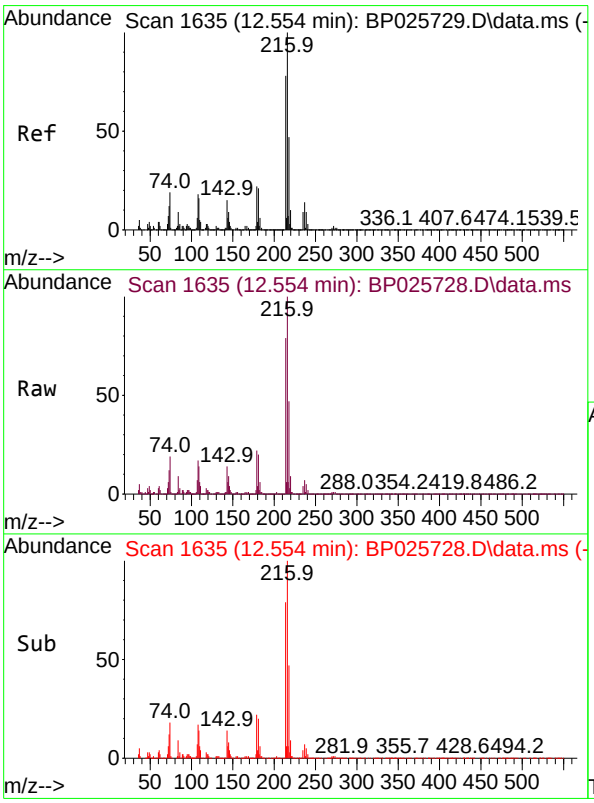
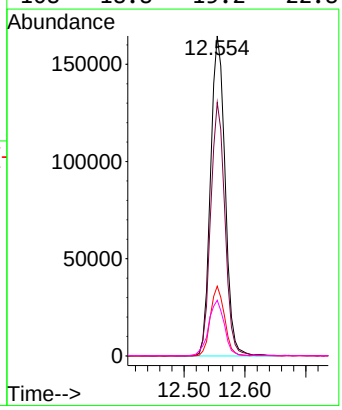


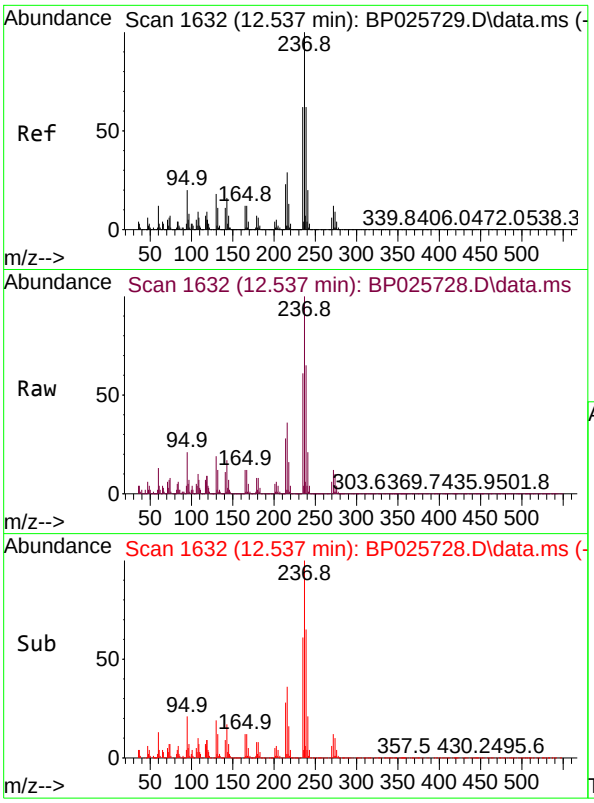


#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.536 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:216 Resp: 273360

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.4	93.6
179	21.3	17.0	25.6
108	18.8	15.2	22.8

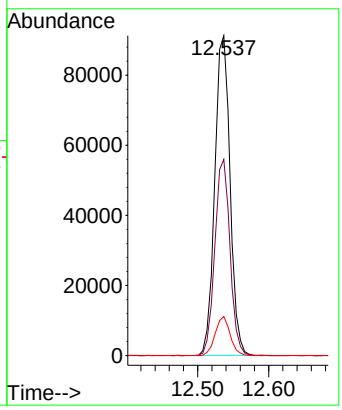




#41
Hexachlorocyclopentadiene
Concen: 19.753 ng
RT: 12.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:237 Resp: 13655

Ion	Ratio	Lower	Upper
237	100		
235	61.3	41.9	81.9
272	12.2	0.0	31.8



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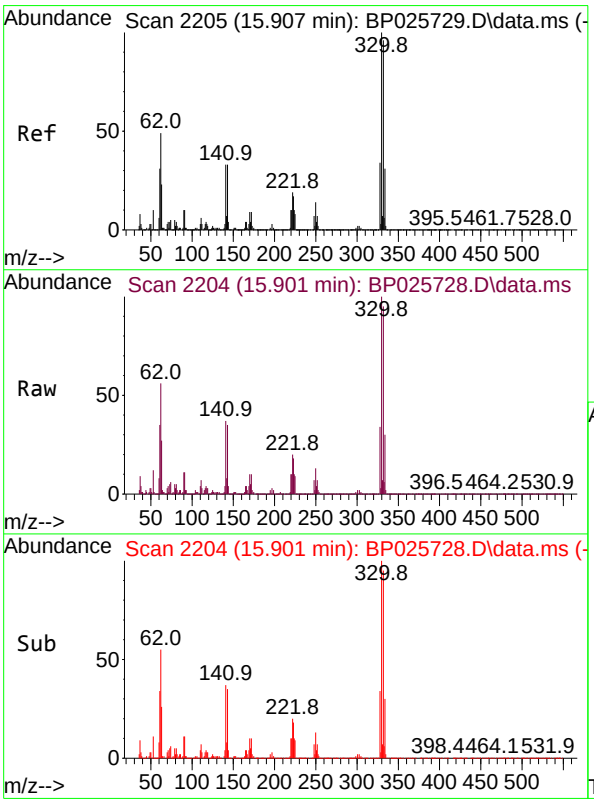
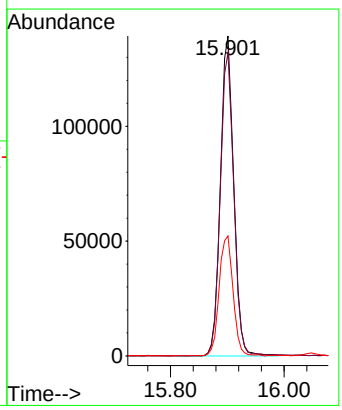
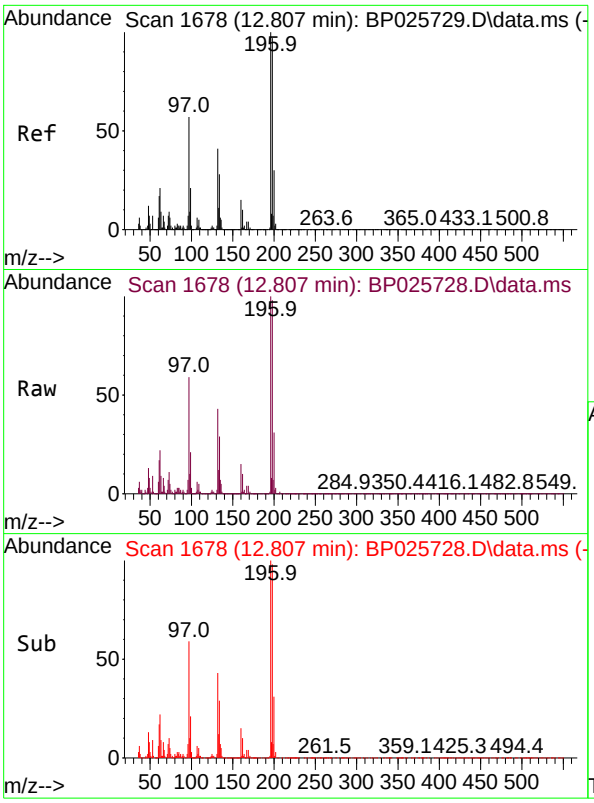


#42
2,4,6-Tribromophenol
Concen: 43.363 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:330 Resp: 226554

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	39.2	31.0	46.4

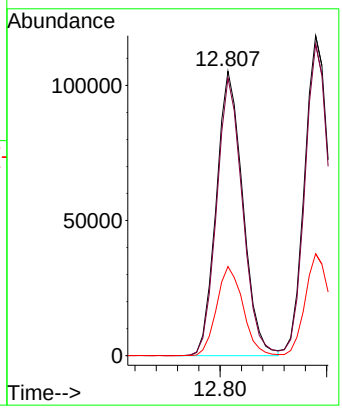




#43
2,4,6-Trichlorophenol
Concen: 21.851 ng
RT: 12.807 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:196 Resp: 18233

Ion	Ratio	Lower	Upper
196	100		
198	97.6	77.2	115.8
200	31.3	24.2	36.2



Instrument :
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ClientSampleId :
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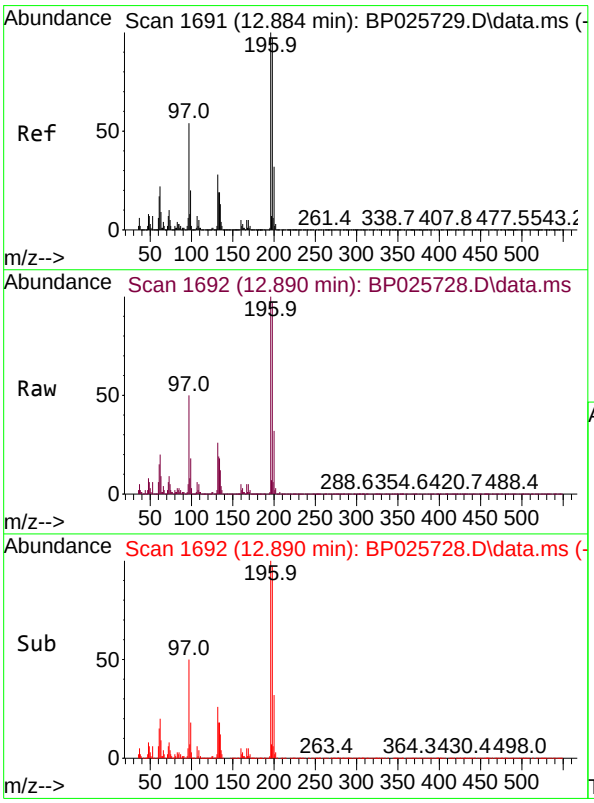
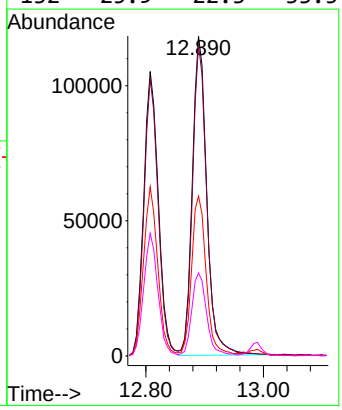
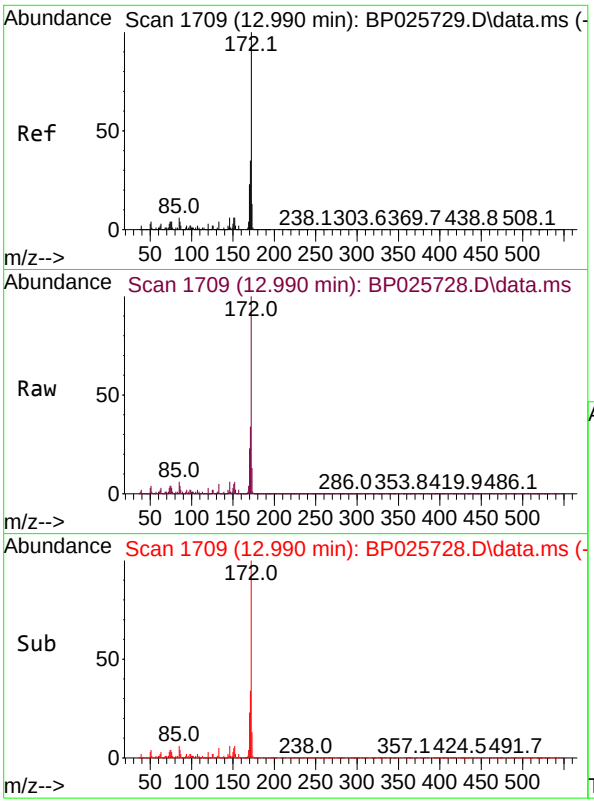


#44
2,4,5-Trichlorophenol
Concen: 21.728 ng
RT: 12.890 min Scan# 1692
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:196 Resp: 201778

Ion	Ratio	Lower	Upper
196	100		
198	97.4	77.8	116.8
97	49.9	43.3	64.9
132	25.9	22.3	33.5

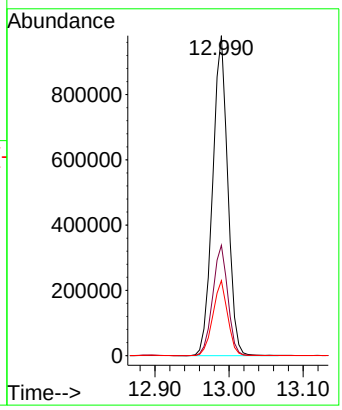




#45
2-Fluorobiphenyl
Concen: 44.072 ng
RT: 12.990 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:172 Resp: 138642

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	23.4	18.6	27.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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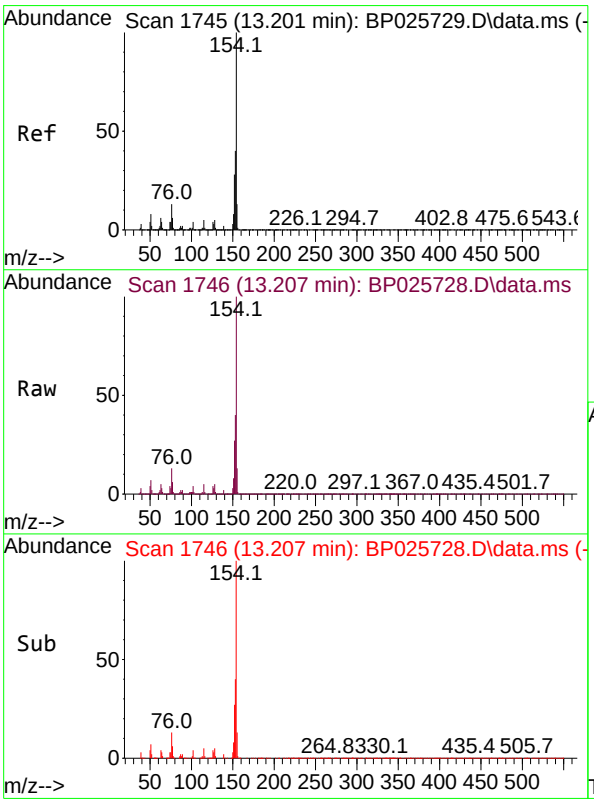
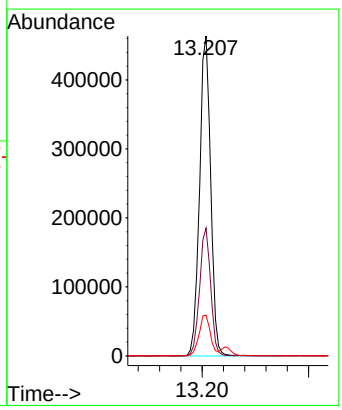
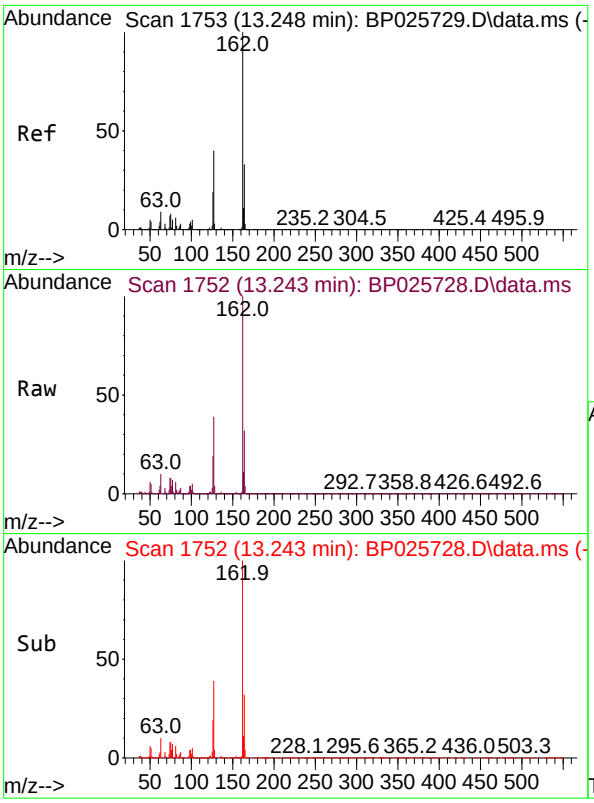


#46
1,1'-Biphenyl
Concen: 21.788 ng
RT: 13.207 min Scan# 1746
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:154 Resp: 669889

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.7	59.7
76	12.7	0.0	33.3

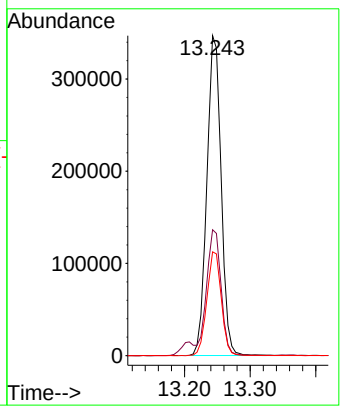




#47
2-Chloronaphthalene
Concen: 21.665 ng
RT: 13.243 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:162 Resp: 52448

Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.2	48.4
164	32.4	26.5	39.7



Instrument :
BNA_P
ClientSampleId :
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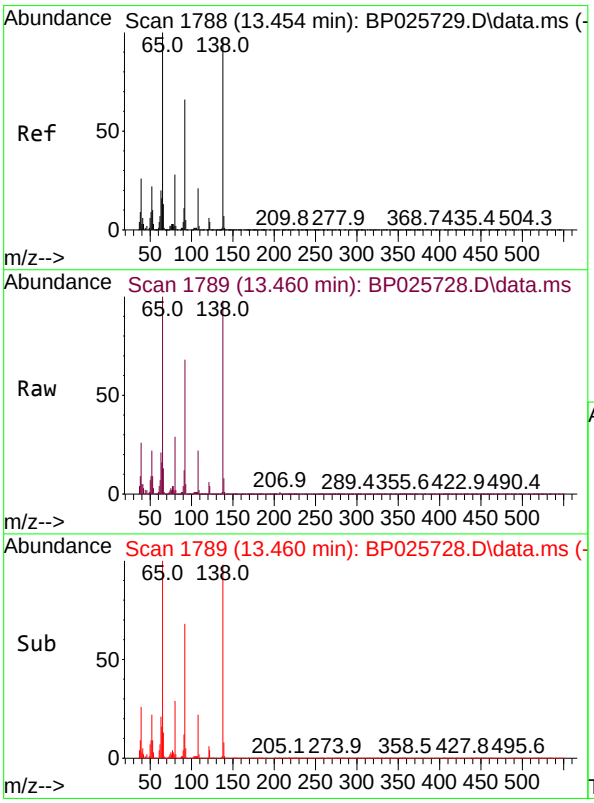
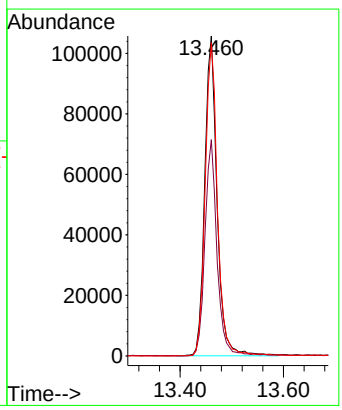
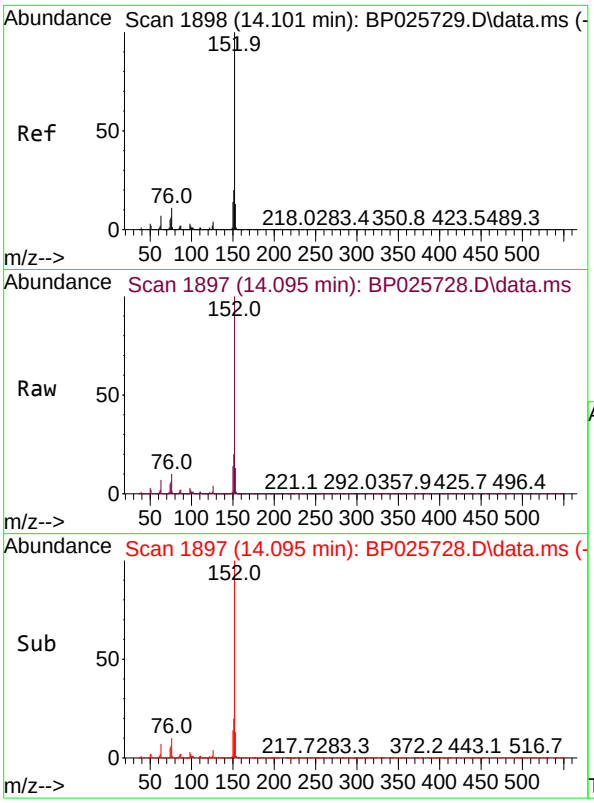


#48
2-Nitroaniline
Concen: 21.578 ng
RT: 13.460 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 65 Resp: 174129

Ion	Ratio	Lower	Upper
65	100		
92	67.6	53.1	79.7
138	97.9	77.8	116.8

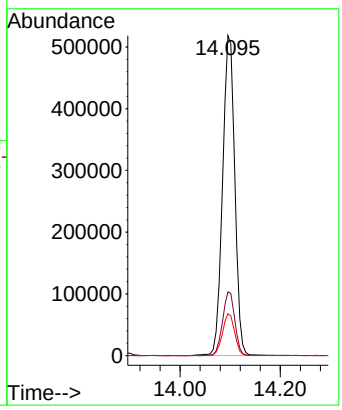




#49
Acenaphthylene
Concen: 21.873 ng
RT: 14.095 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:152 Resp: 87735

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.1	10.5	15.7



Instrument :
BNA_P
ClientSampleId :
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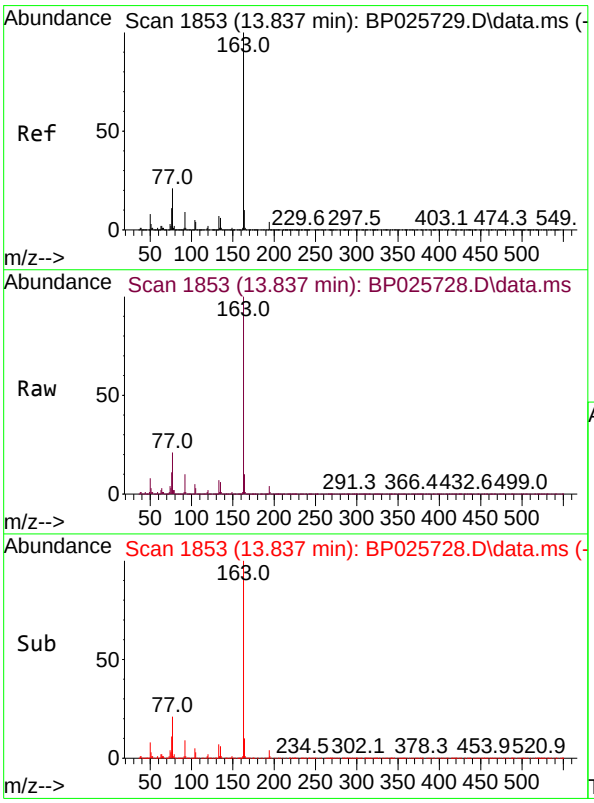
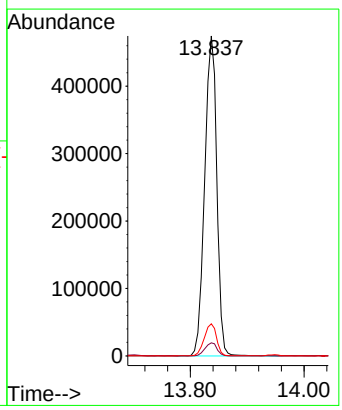
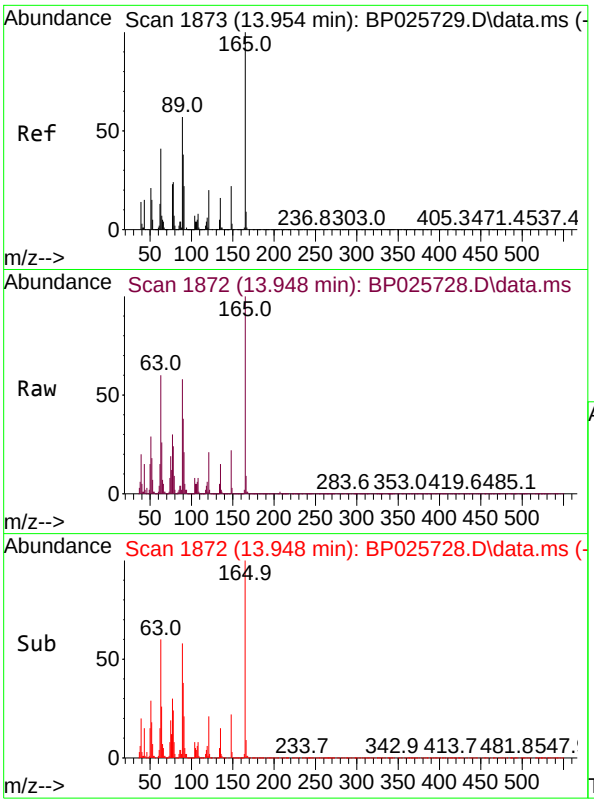


#50
Dimethylphthalate
Concen: 22.031 ng
RT: 13.837 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:163 Resp: 704532

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.0	8.2	12.2

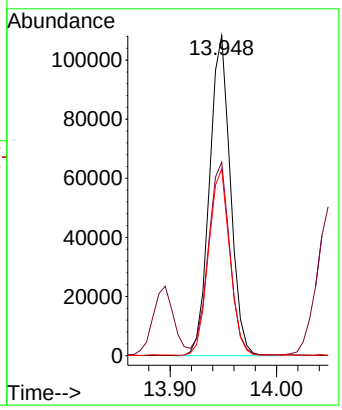




#51
2,6-Dinitrotoluene
Concen: 21.793 ng
RT: 13.948 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:165 Resp: 14765

Ion	Ratio	Lower	Upper
165	100		
63	60.5	48.1	72.1
89	58.4	45.4	68.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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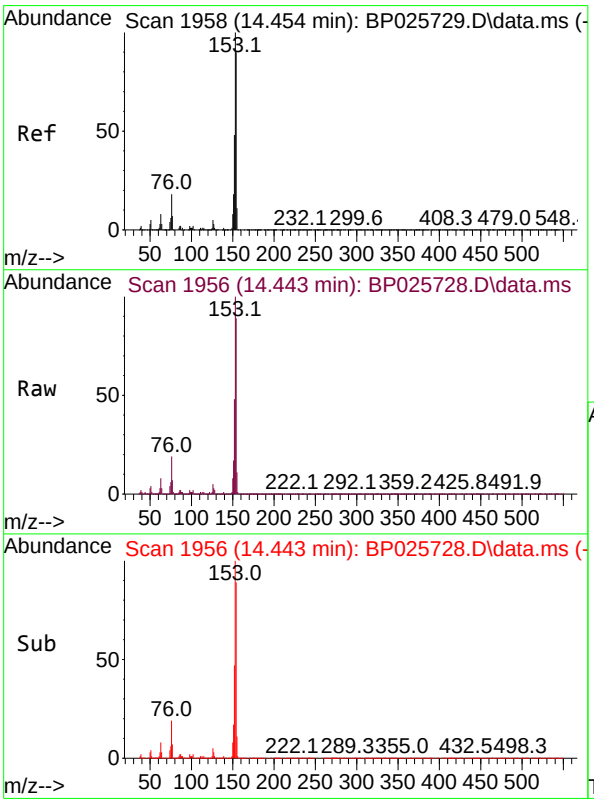
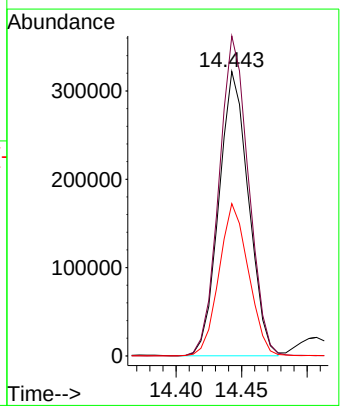
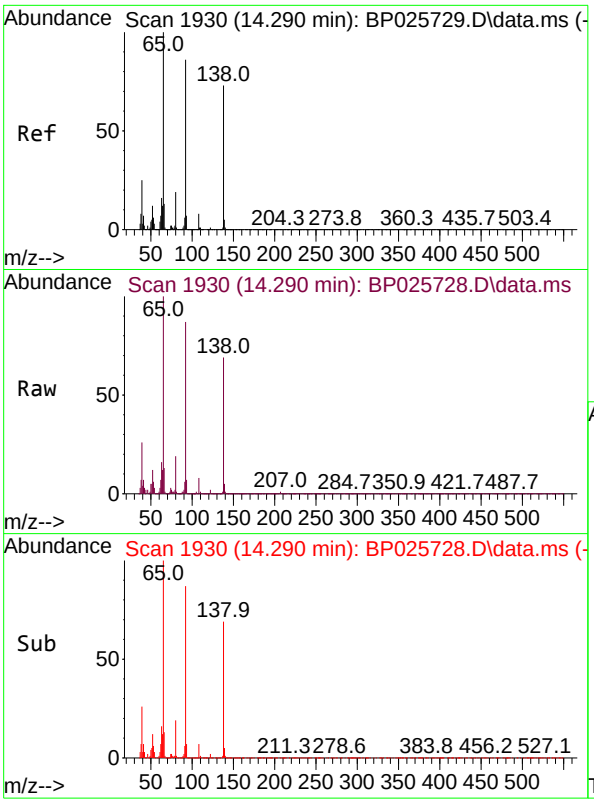


#52
Acenaphthene
Concen: 21.856 ng
RT: 14.443 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:154 Resp: 505575

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.4	134.0
152	53.5	42.5	63.7

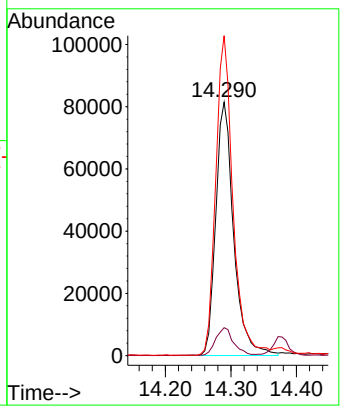




#53
3-Nitroaniline
Concen: 21.735 ng
RT: 14.290 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:138 Resp: 15485

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.7	13.1
92	126.3	94.6	142.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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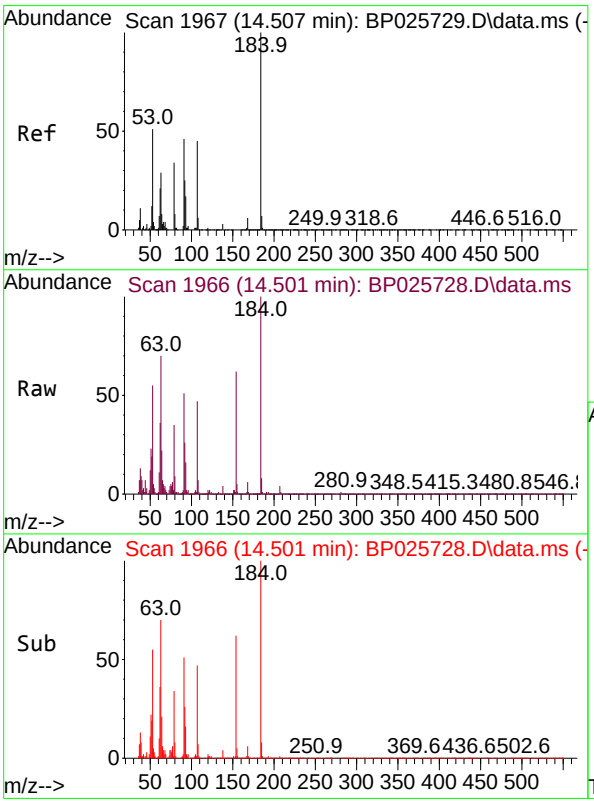
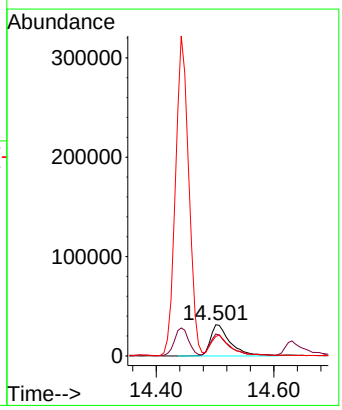
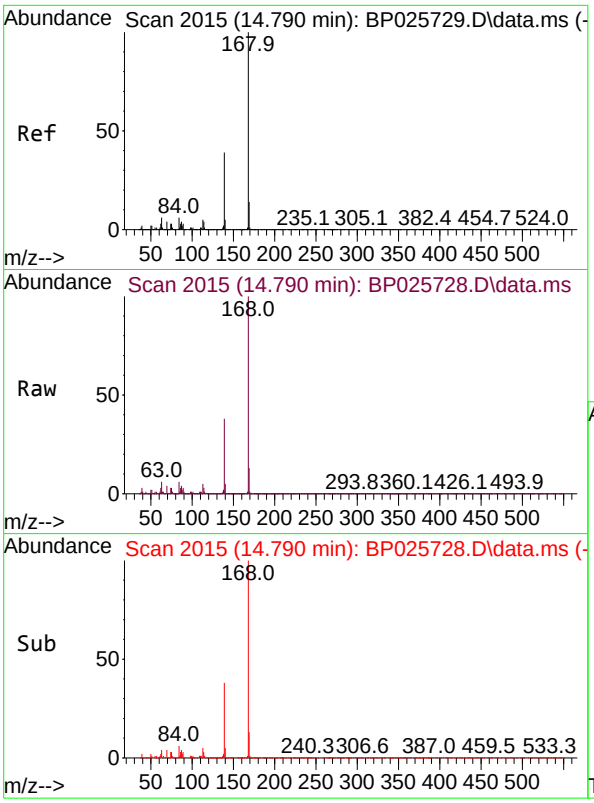


#54
2,4-Dinitrophenol
Concen: 20.292 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:184 Resp: 72511

Ion	Ratio	Lower	Upper
184	100		
63	70.4	52.5	78.7
154	62.5	51.5	77.3

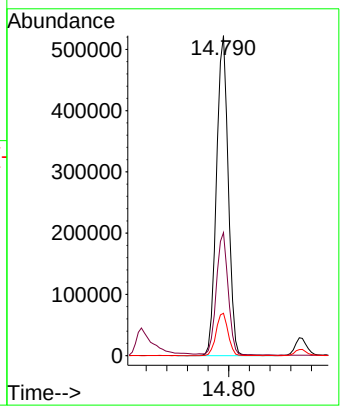




#55
Dibenzofuran
Concen: 21.850 ng
RT: 14.790 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:168 Resp: 82374

Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.7	47.5
169	13.2	10.8	16.2



Instrument :
BNA_P
ClientSampleId :
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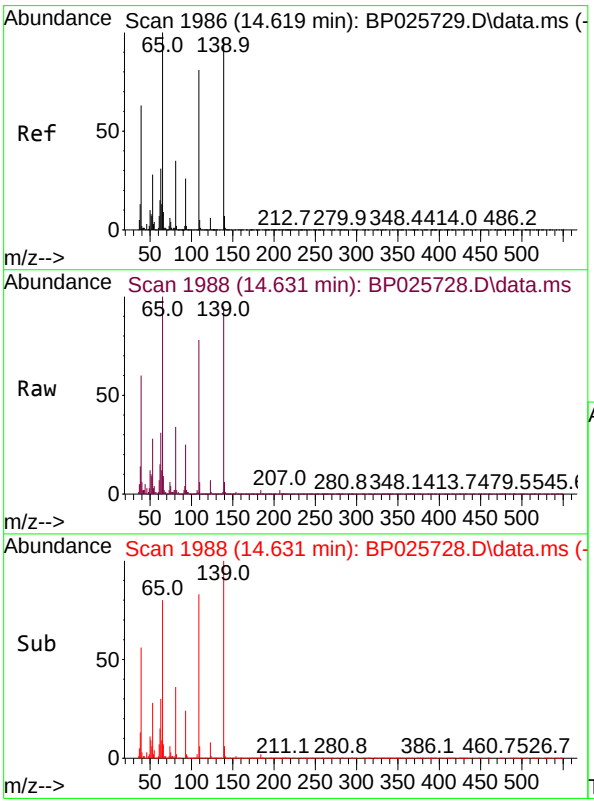
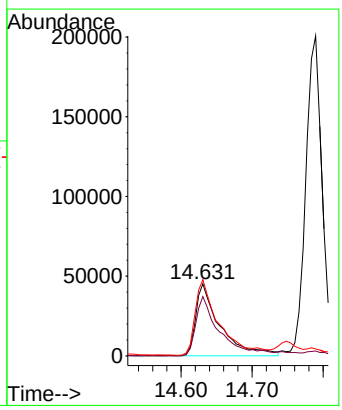
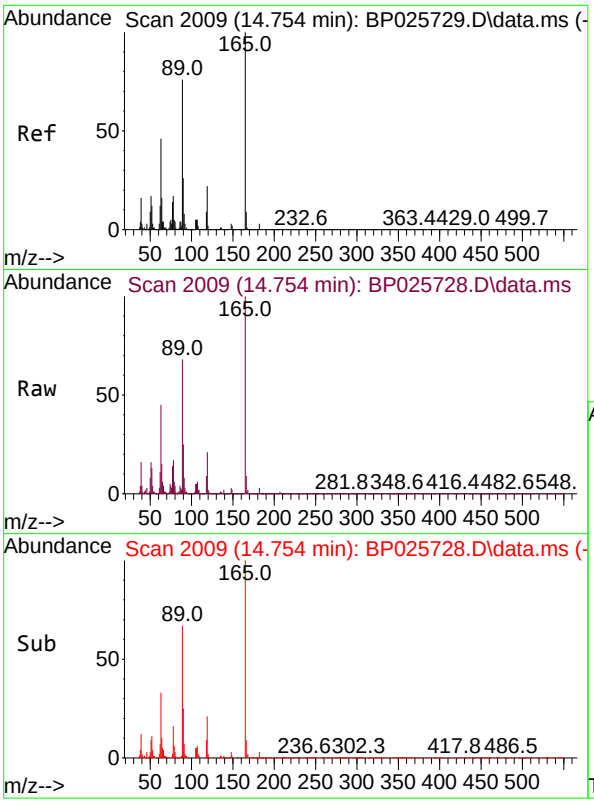


#56
4-Nitrophenol
Concen: 20.895 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:139 Resp: 106678

Ion	Ratio	Lower	Upper
139	100		
109	82.4	62.9	102.9
65	105.7	83.4	123.4

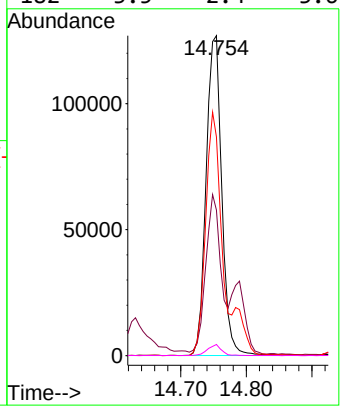




#57
2,4-Dinitrotoluene
Concen: 21.769 ng
RT: 14.754 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:165 Resp: 20989

Ion	Ratio	Lower	Upper
165	100		
63	45.5	37.7	56.5
89	68.3	61.0	91.6
182	3.5	2.4	3.6



Instrument :
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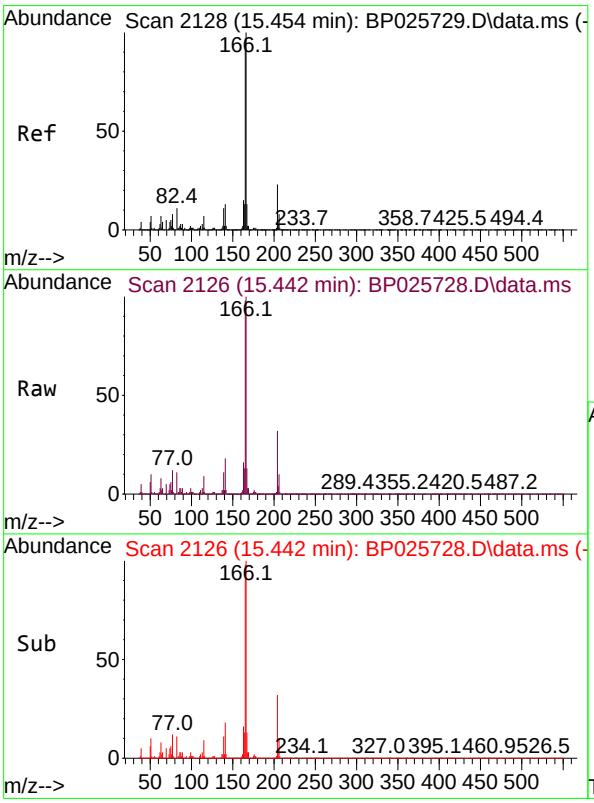
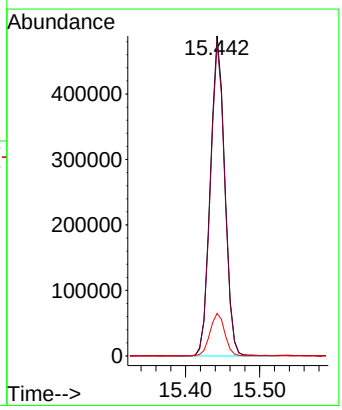
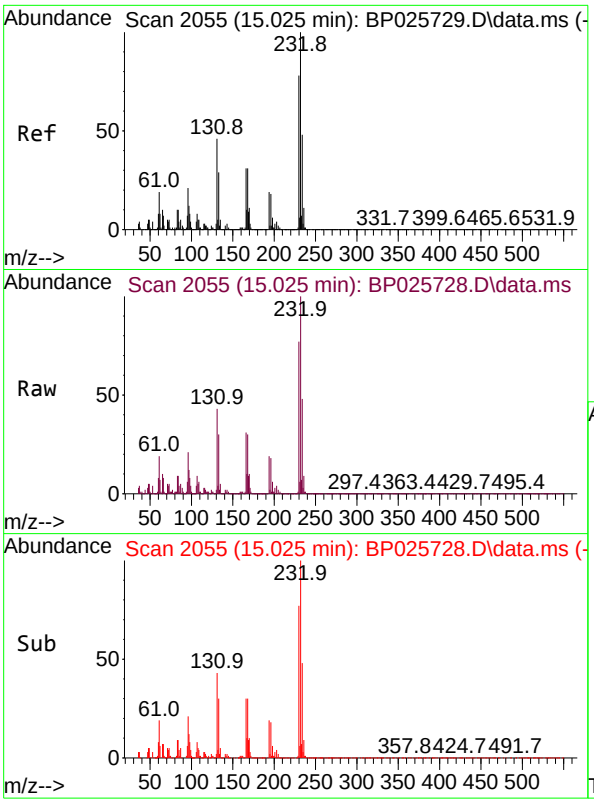


#58
Fluorene
Concen: 22.068 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:166 Resp: 661561

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.7	116.5
167	13.3	10.6	16.0

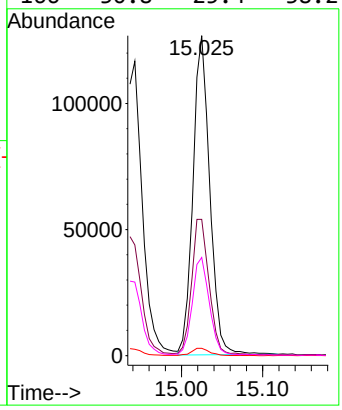




#59
2,3,4,6-Tetrachlorophenol
Concen: 21.756 ng
RT: 15.025 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:232 Resp: 18199

Ion	Ratio	Lower	Upper
232	100		
131	43.9	36.7	55.1
130	2.5	2.0	3.0
166	30.8	25.4	38.2



Instrument :
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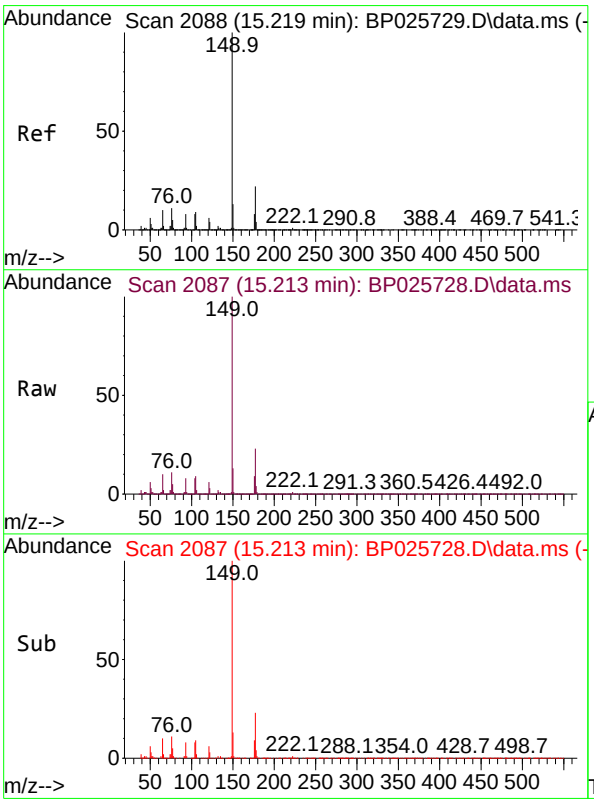
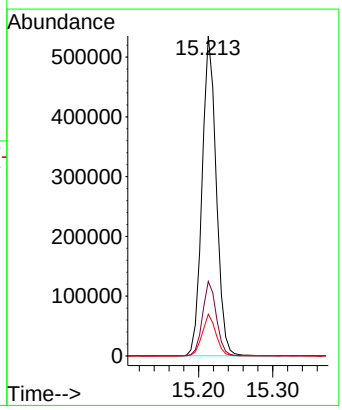
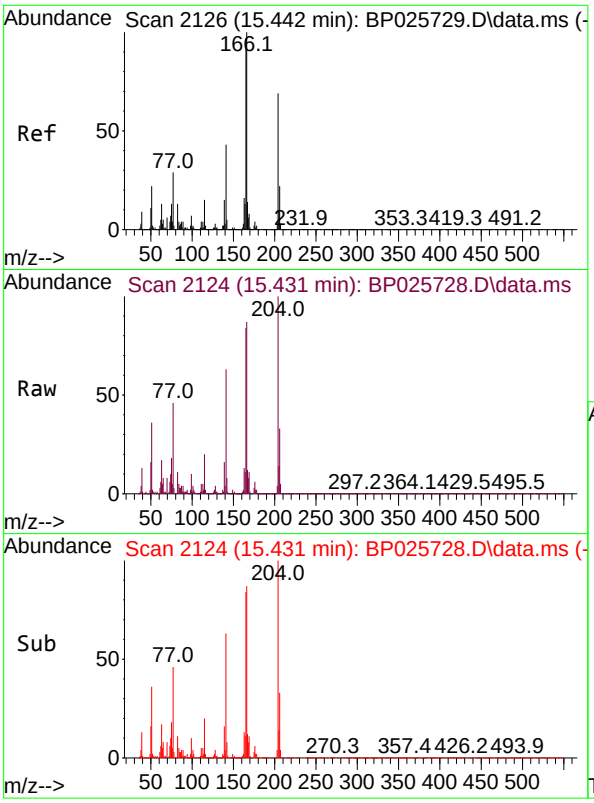


#60
Diethylphthalate
Concen: 21.918 ng
RT: 15.213 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:149 Resp: 710972

Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.7	26.5
150	13.0	10.0	15.0





#61
4-Chlorophenyl-phenylether
Concen: 21.917 ng
RT: 15.431 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:204 Resp: 331129

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.0	39.0
141	63.3	49.7	74.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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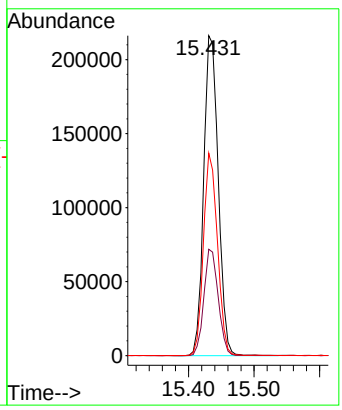
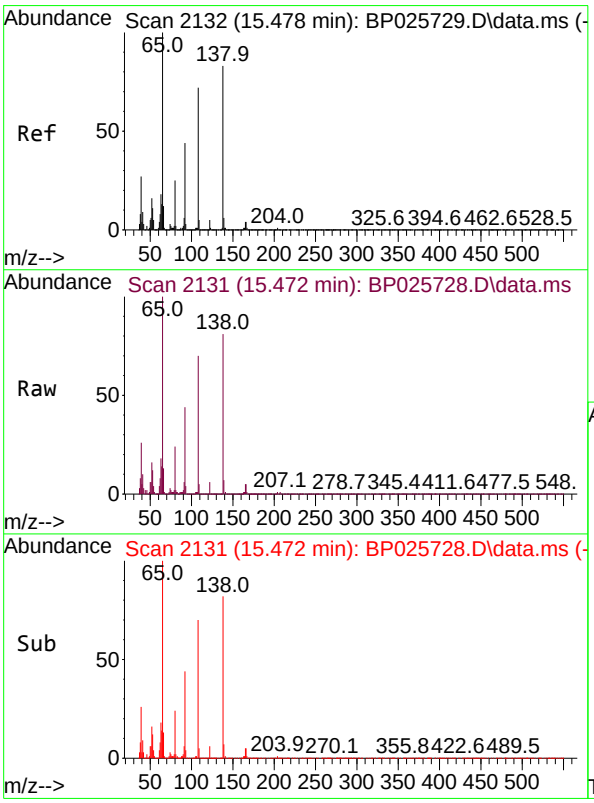
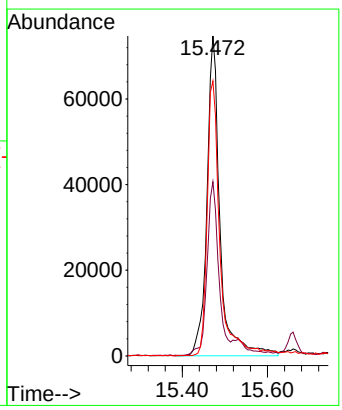


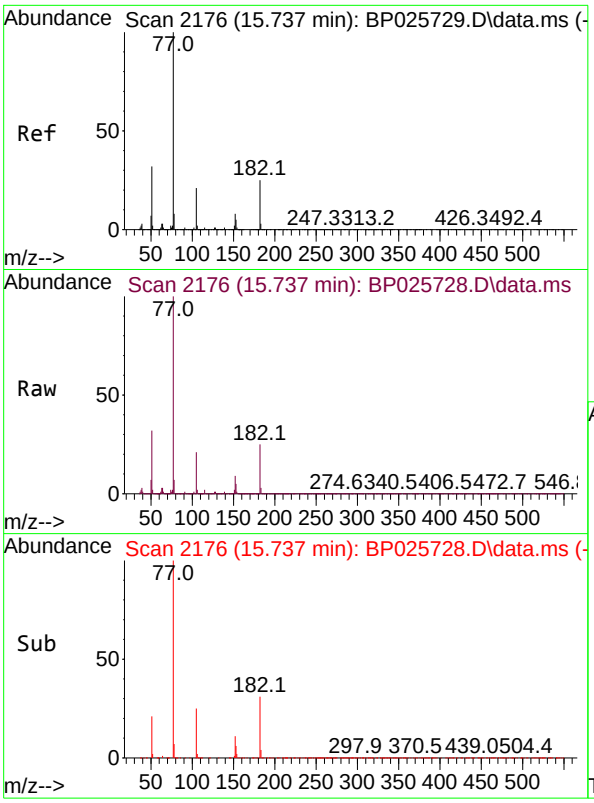


#62
4-Nitroaniline
Concen: 21.891 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:138 Resp: 159664

Ion	Ratio	Lower	Upper
138	100		
92	54.4	33.3	73.3
108	85.9	66.7	106.7

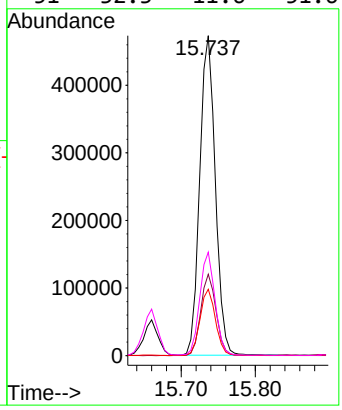




#63
Azobenzene
Concen: 22.012 ng
RT: 15.737 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 77 Resp: 69042

Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.2	45.2
105	20.7	1.1	41.1
51	32.3	11.6	51.6



Instrument :
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ClientSampleId :
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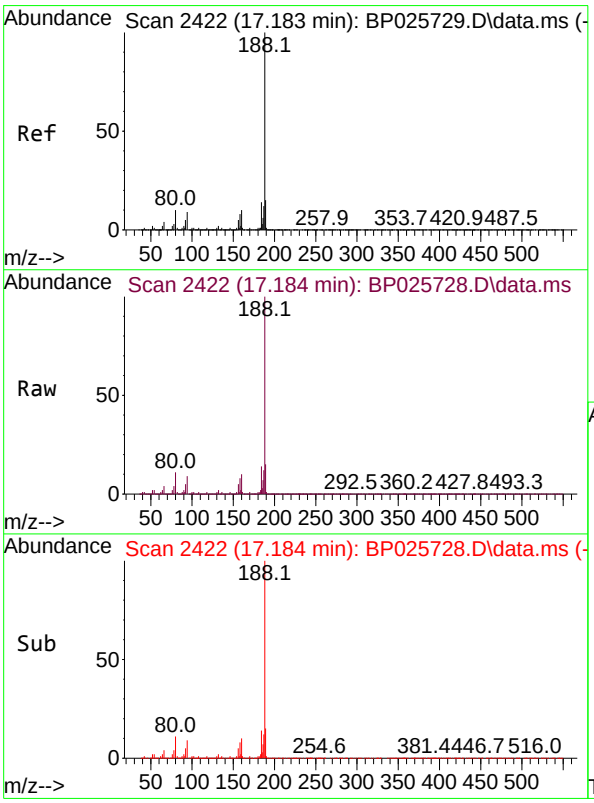
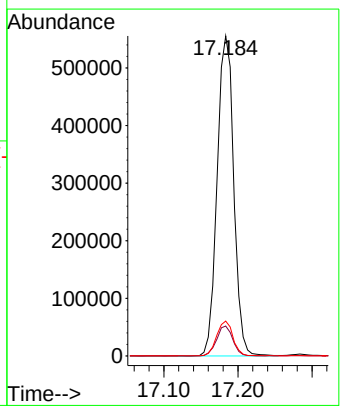
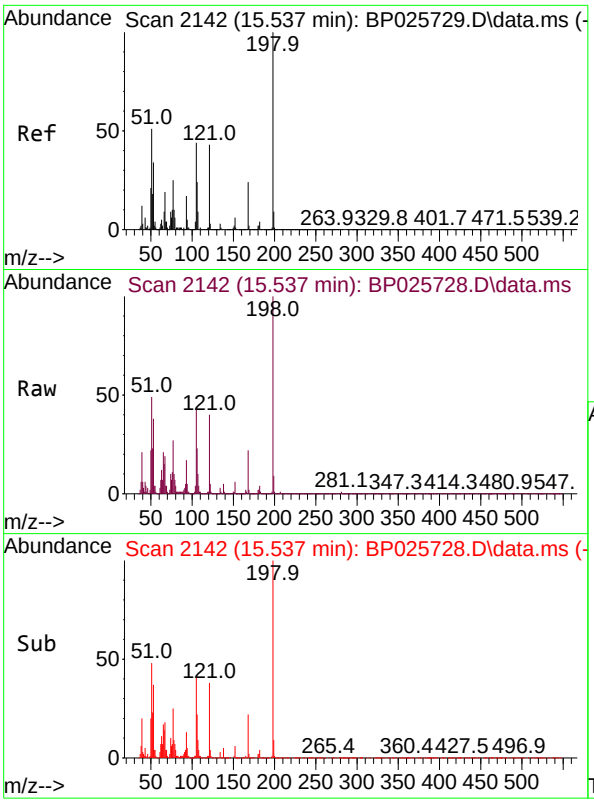


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.184 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:188 Resp: 862789

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.0
80	10.9	7.7	11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 20.272 ng
RT: 15.537 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:198 Resp: 116319

Ion	Ratio	Lower	Upper
198	100		
51	48.6	33.4	73.4
105	44.3	24.3	64.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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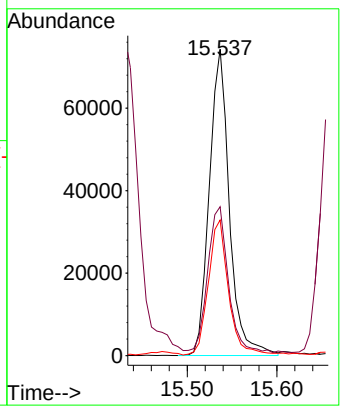
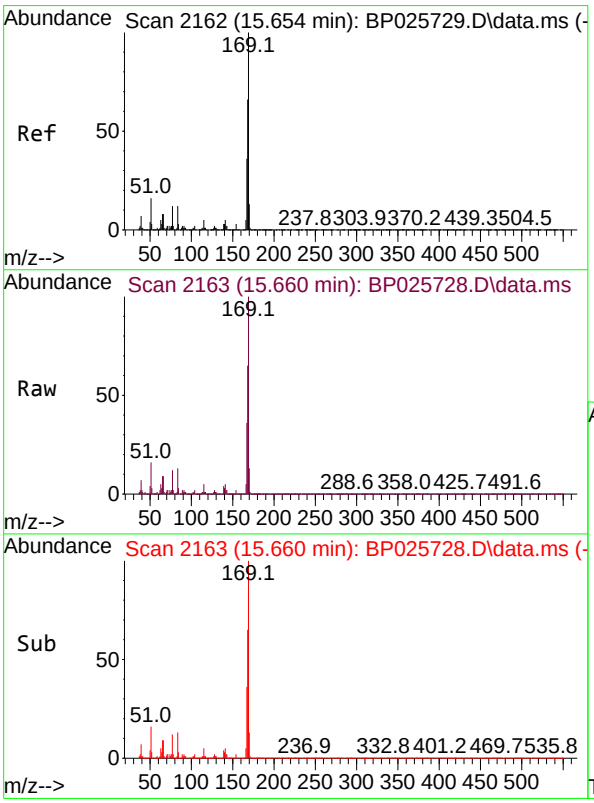
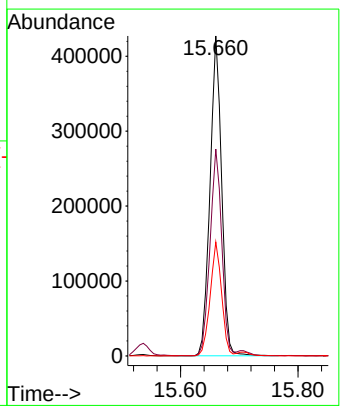


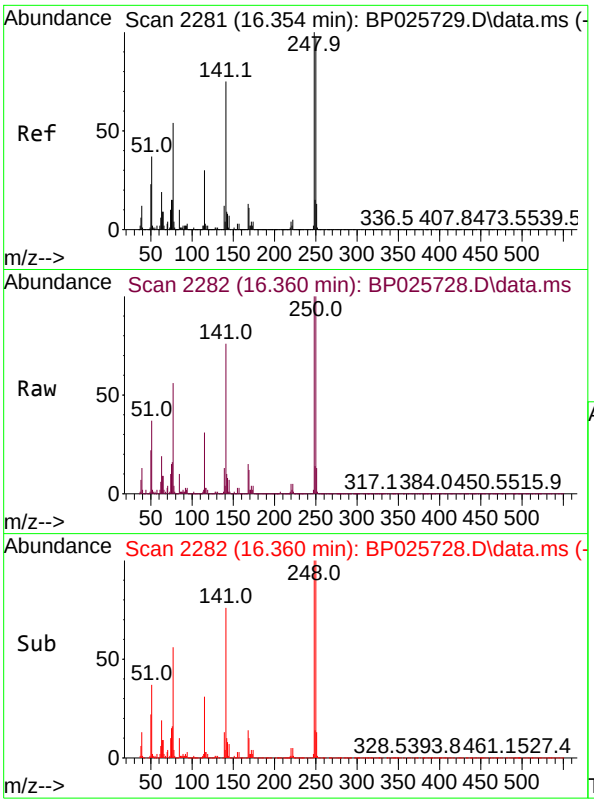


#66
n-Nitrosodiphenylamine
Concen: 22.259 ng
RT: 15.660 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:169 Resp: 587714

Ion	Ratio	Lower	Upper
169	100		
168	64.6	52.6	78.8
167	35.6	28.5	42.7

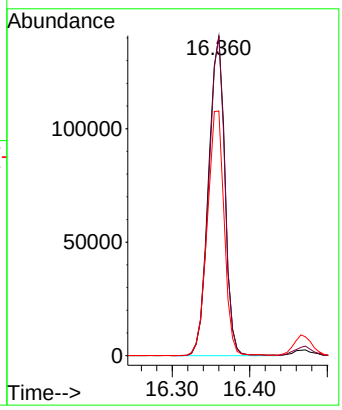




#67
4-Bromophenyl-phenylether
Concen: 21.820 ng
RT: 16.360 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:248 Resp: 20682

Ion	Ratio	Lower	Upper
248	100		
250	100.3	77.5	116.3
141	76.6	60.2	90.4



Instrument :
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ClientSampleId :
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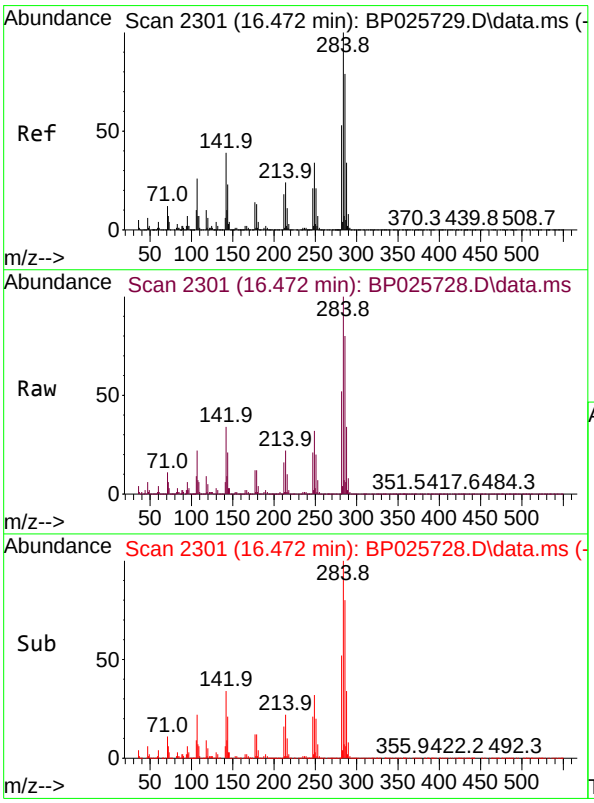
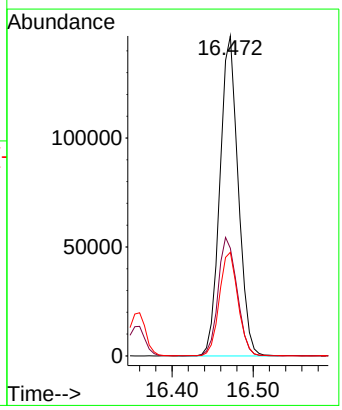
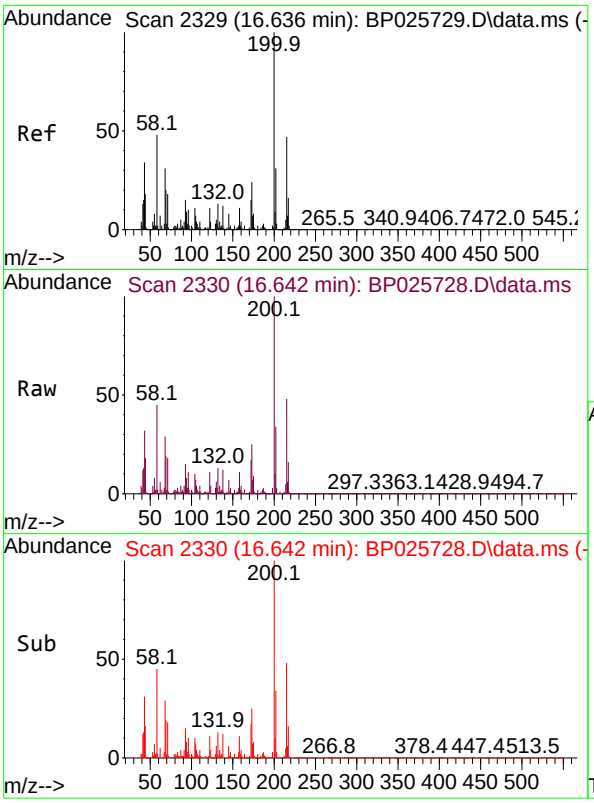


#68
Hexachlorobenzene
Concen: 21.707 ng
RT: 16.472 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:284 Resp: 229447

Ion	Ratio	Lower	Upper
284	100		
142	33.6	31.3	46.9
249	32.4	27.3	40.9

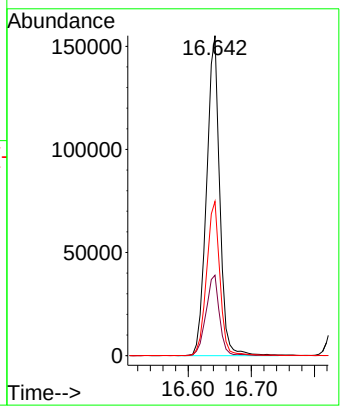




#69
Atrazine
Concen: 22.185 ng
RT: 16.642 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:200 Resp: 223909

Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.2	44.2
215	48.2	27.3	67.3



Instrument :
BNA_P
ClientSampleId :
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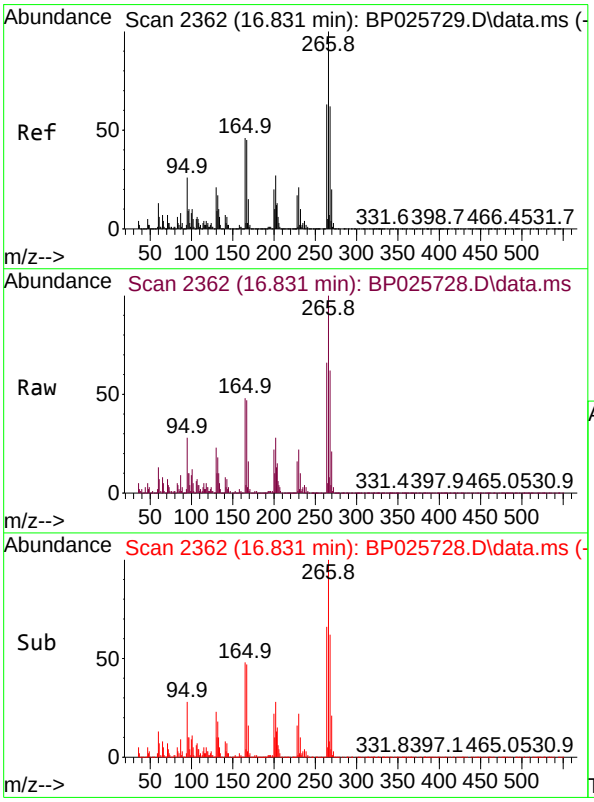
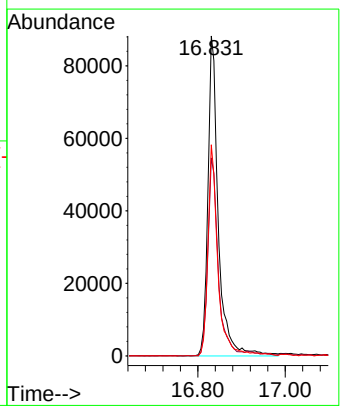
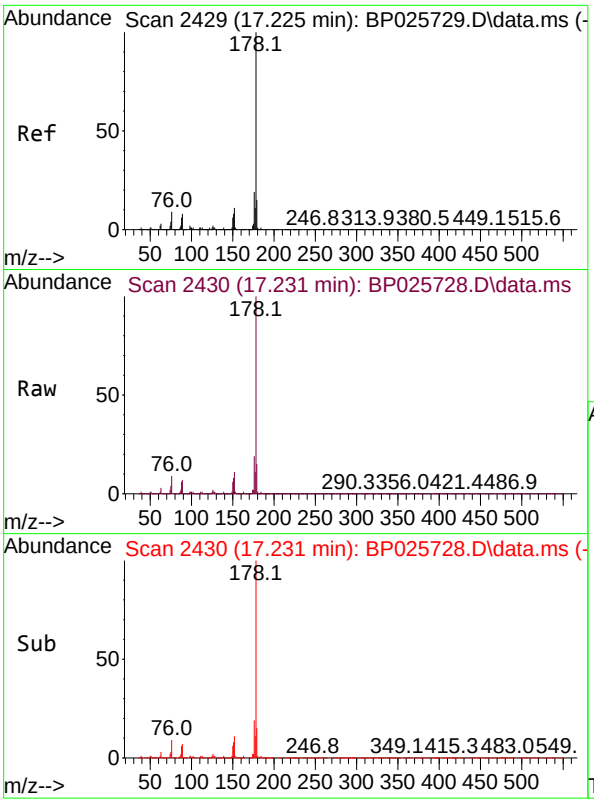


#70
Pentachlorophenol
Concen: 20.824 ng
RT: 16.831 min Scan# 2362
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:266 Resp: 145273

Ion	Ratio	Lower	Upper
266	100		
268	61.9	49.8	74.8
264	66.0	50.2	75.2

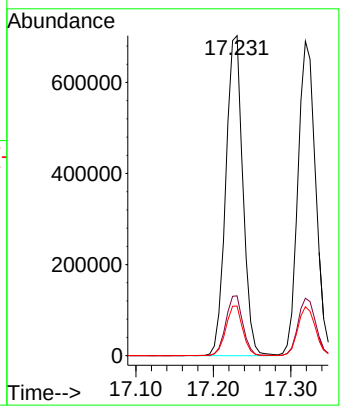




#71
Phenanthrene
Concen: 21.981 ng
RT: 17.231 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:178 Resp: 107579

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.5	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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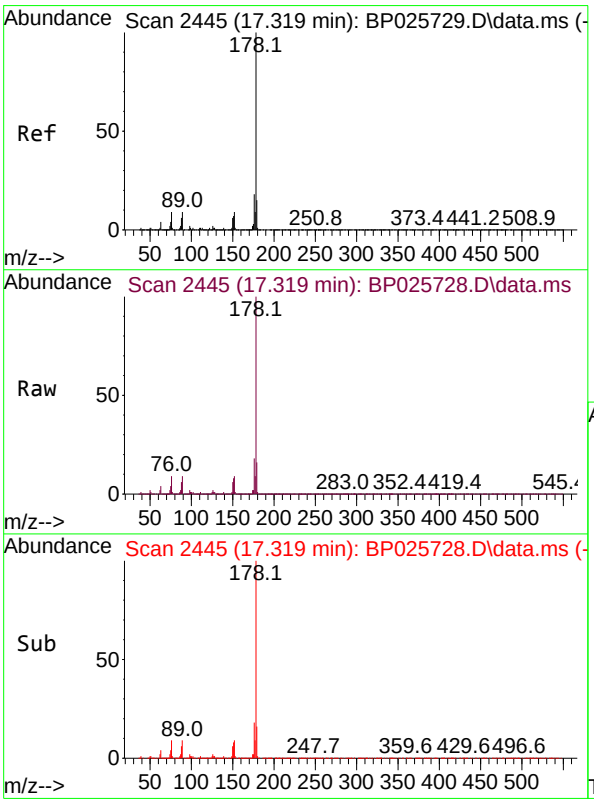
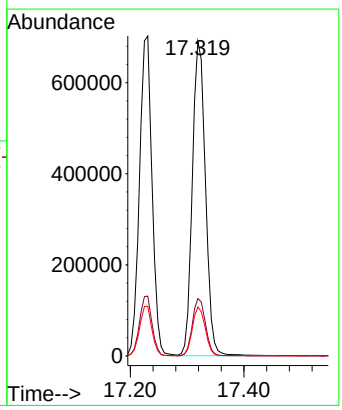
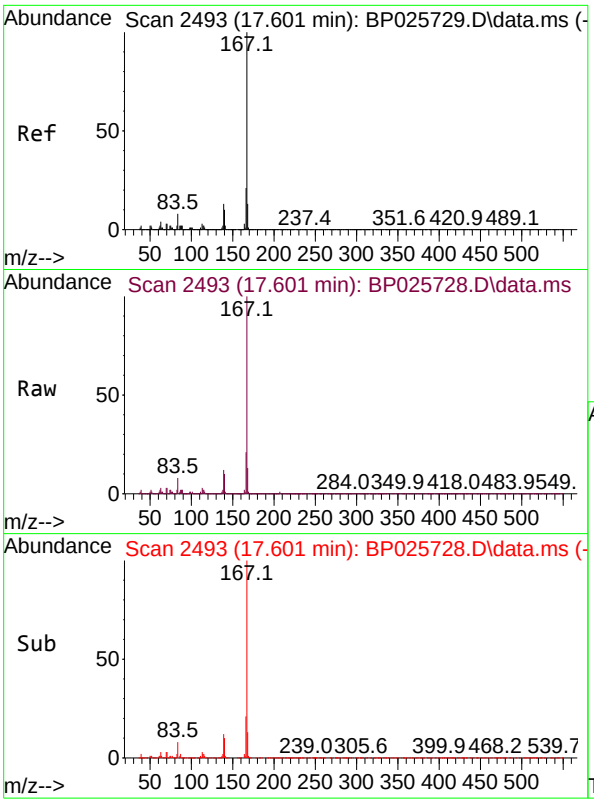


#72
Anthracene
Concen: 22.239 ng
RT: 17.319 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:178 Resp: 1104346

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.5	12.2	18.4

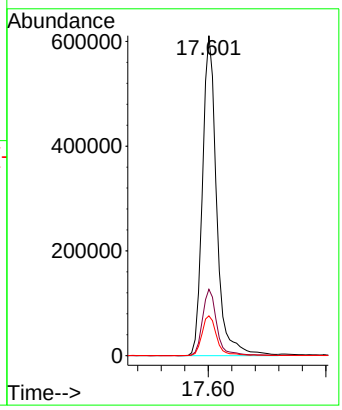




#73
Carbazole
Concen: 22.146 ng
RT: 17.601 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:167 Resp: 102240

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.0	25.4
139	12.4	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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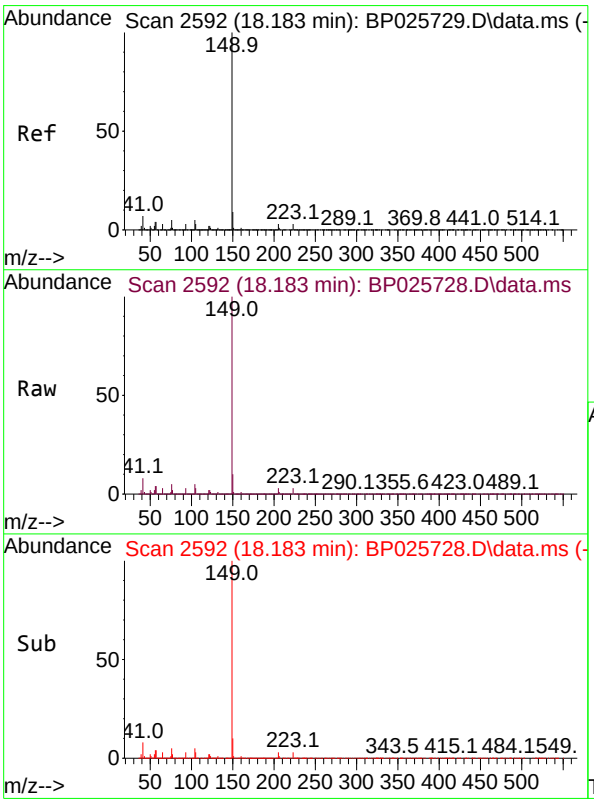
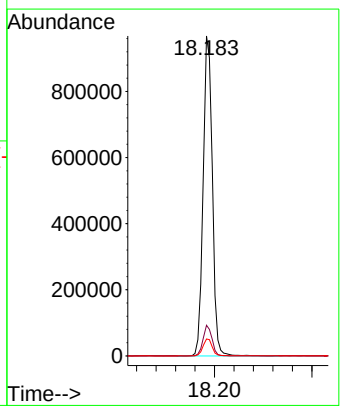
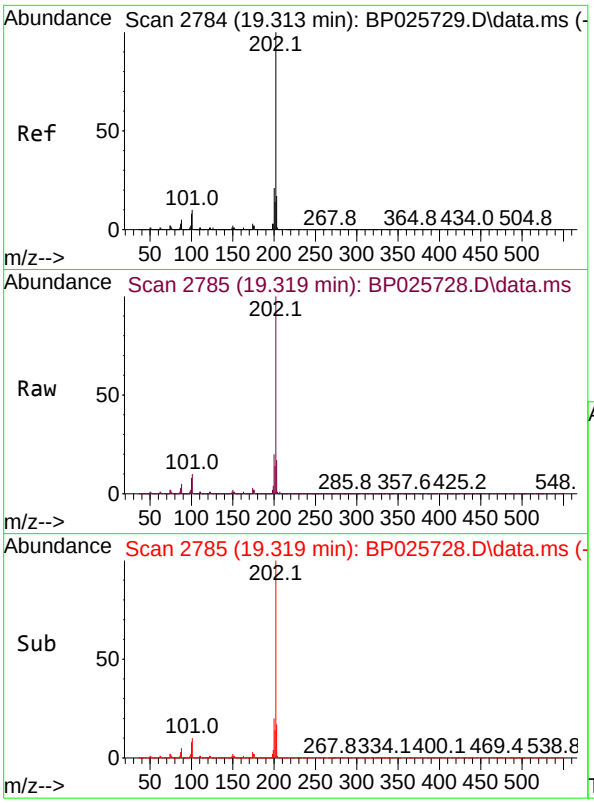


#74
Di-n-butylphthalate
Concen: 22.358 ng
RT: 18.183 min Scan# 2592
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:149 Resp: 1266684

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.0
104	5.3	4.3	6.5

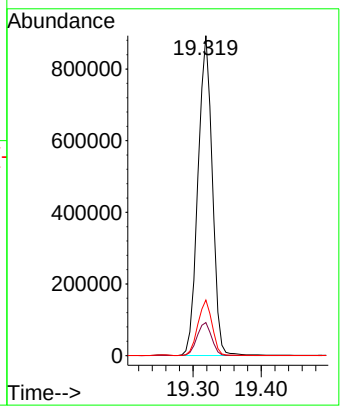




#75
Fluoranthene
Concen: 22.205 ng
RT: 19.319 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:202 Resp: 130339

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.4
203	17.4	0.0	37.4



Instrument :
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ClientSampleId :
SSTDICC020

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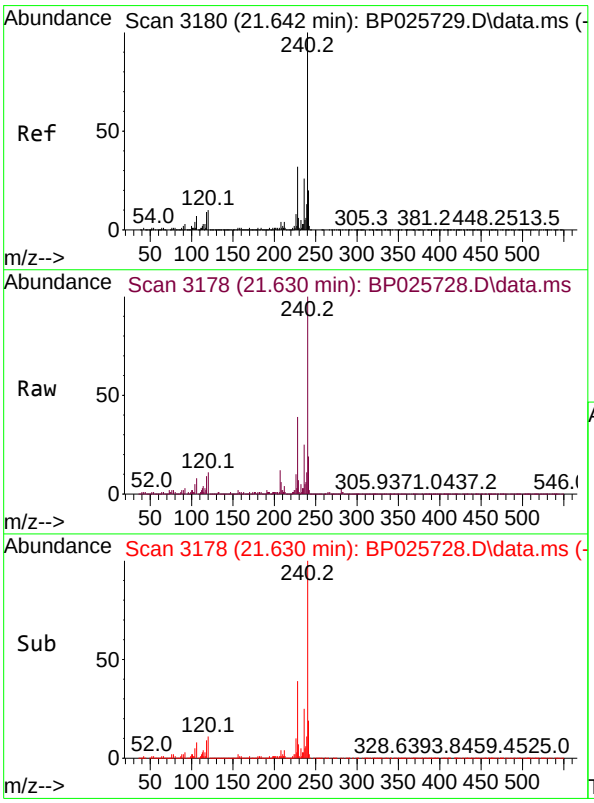
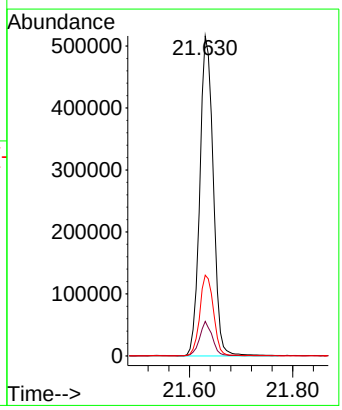
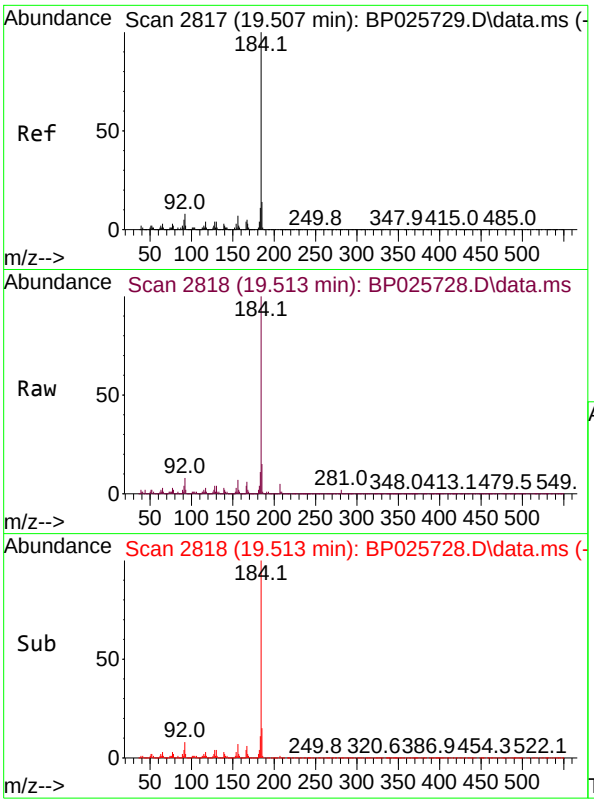


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:240 Resp: 931523

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.0	12.0
236	25.2	20.7	31.1

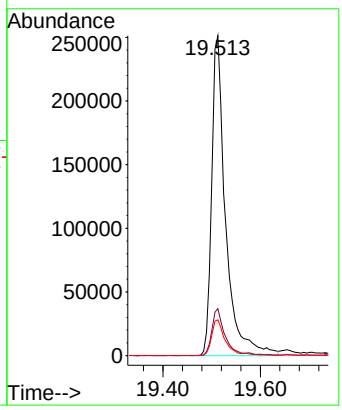




#77
Benzidine
Concen: 18.631 ng
RT: 19.513 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:184 Resp: 499919

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.5	17.3
183	11.2	9.2	13.8



Instrument :
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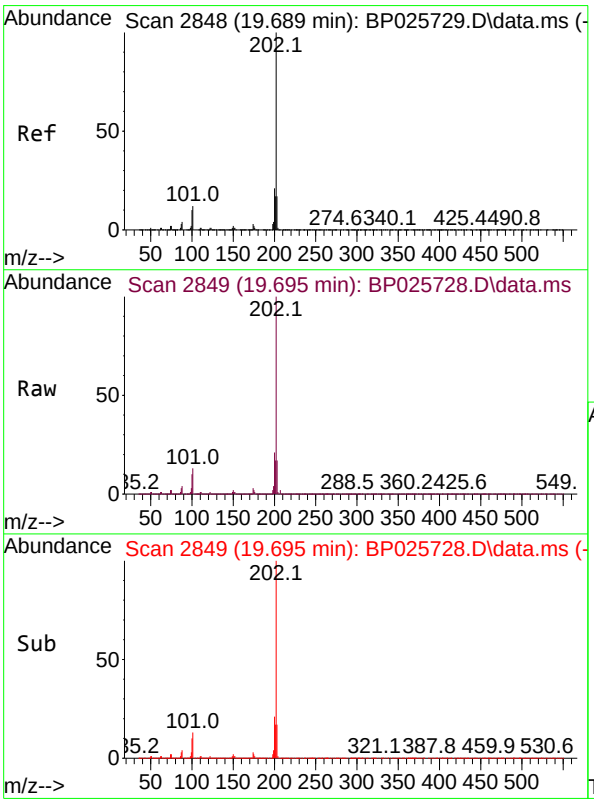
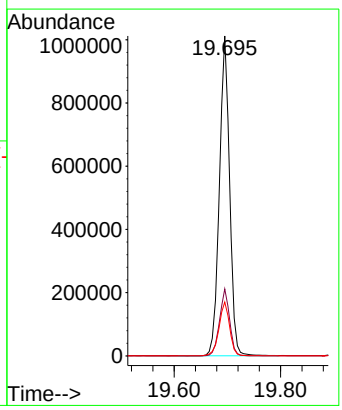
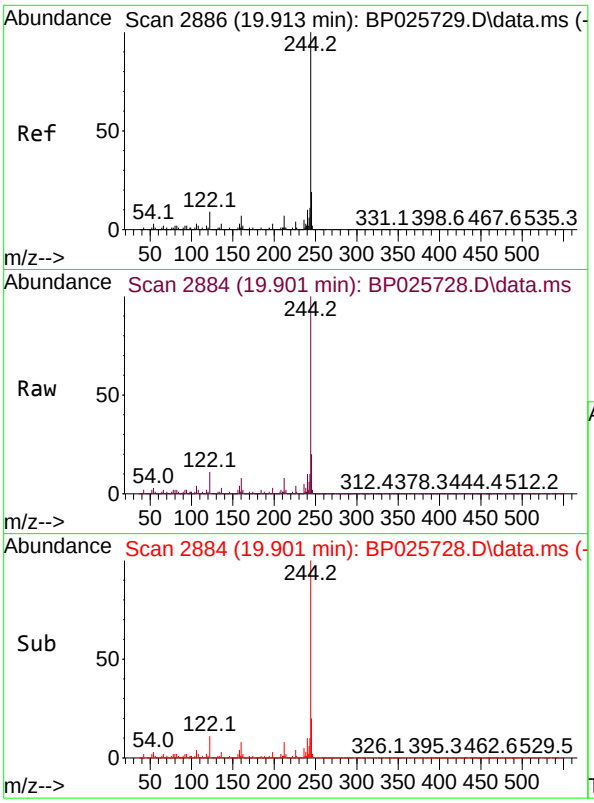


#78
Pyrene
Concen: 21.640 ng
RT: 19.695 min Scan# 2849
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:202 Resp: 1345082

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.6
203	16.8	13.9	20.9





#79
Terphenyl-d14
Concen: 43.089 ng
RT: 19.901 min Scan# 28
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:244 Resp: 223118

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	10.6	7.1	10.7

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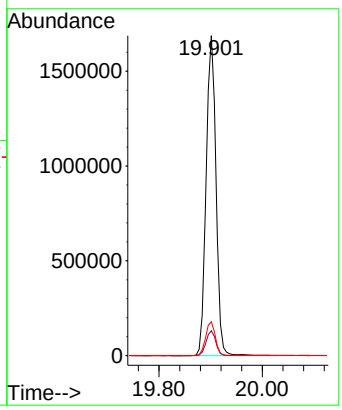
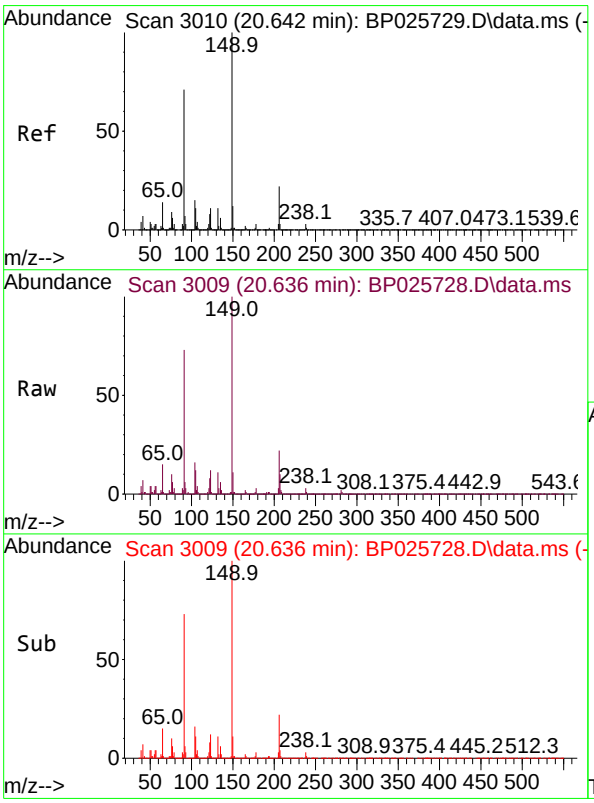
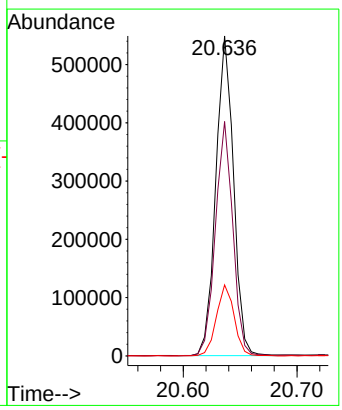


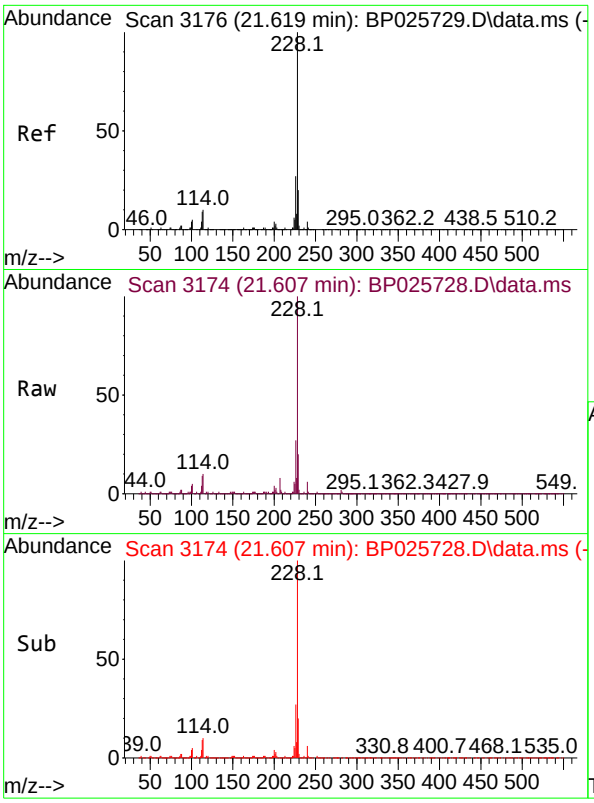


#80
Butylbenzylphthalate
Concen: 21.726 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:149 Resp: 592103

Ion	Ratio	Lower	Upper
149	100		
91	73.2	56.6	85.0
206	22.2	17.4	26.0

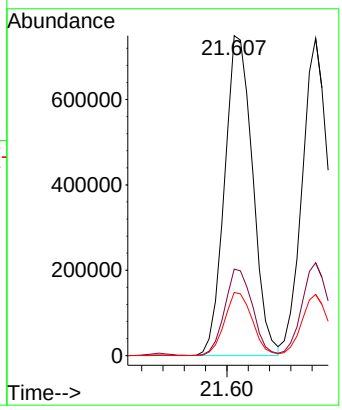




#81
Benzo(a)anthracene
Concen: 21.486 ng
RT: 21.607 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:228 Resp: 137025

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	19.7	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
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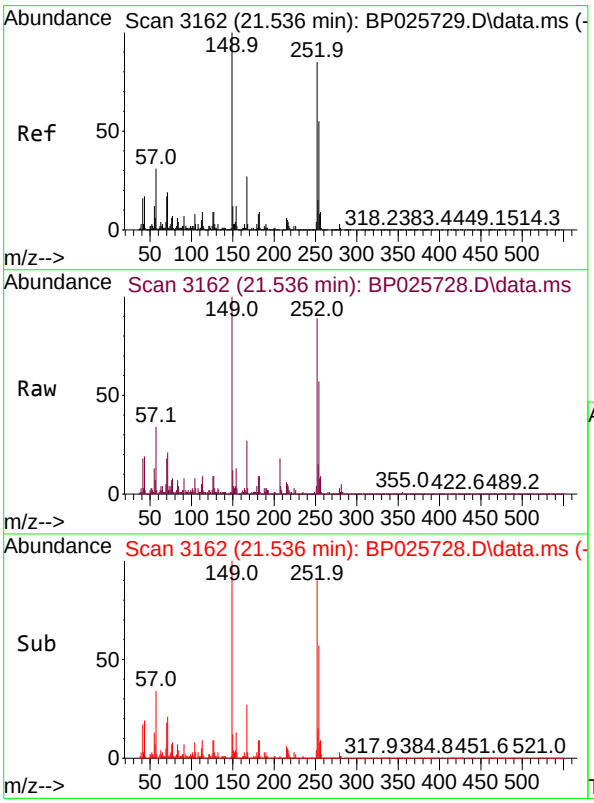
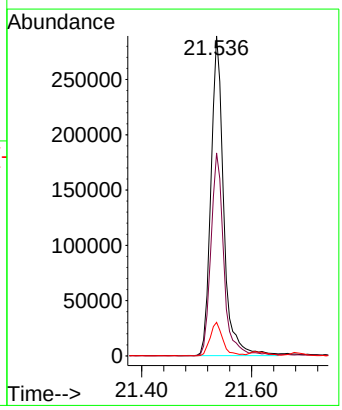
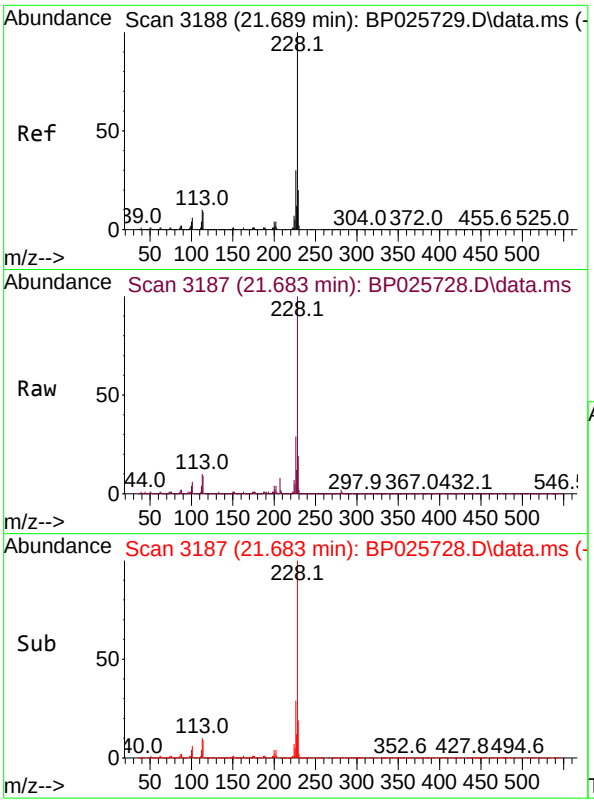


#82
3,3'-Dichlorobenzidine
Concen: 21.065 ng
RT: 21.536 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:252 Resp: 464513

Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.4	77.0
126	10.5	8.3	12.5

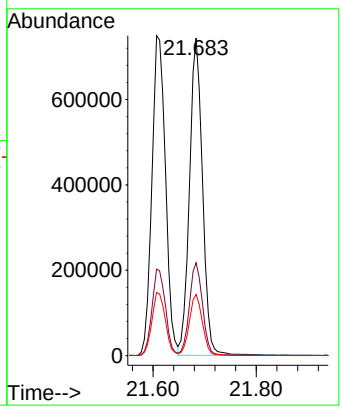




#83
Chrysene
Concen: 21.410 ng
RT: 21.683 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:228 Resp: 130154

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	19.3	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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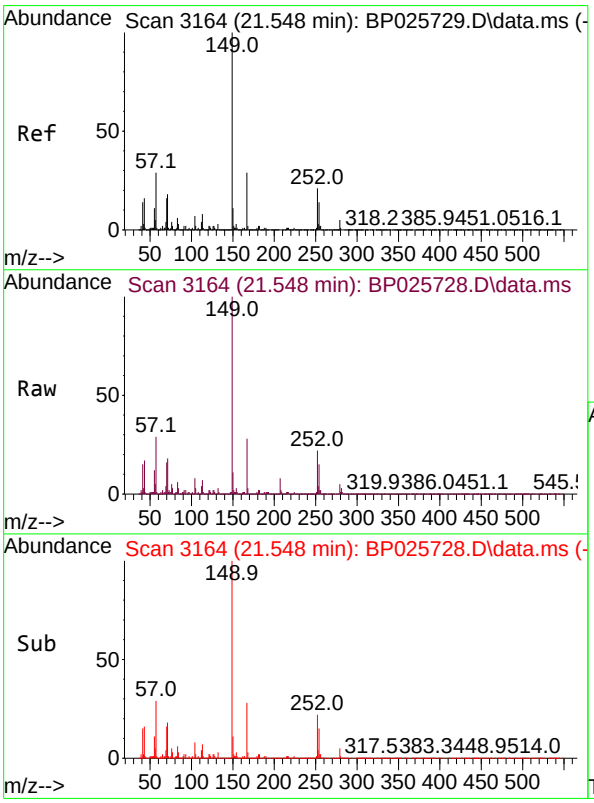
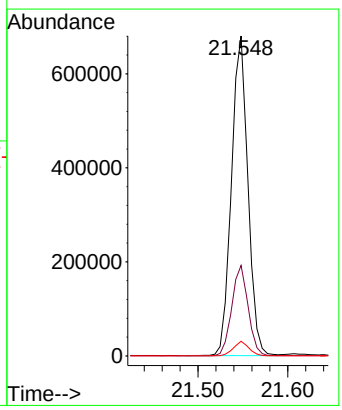
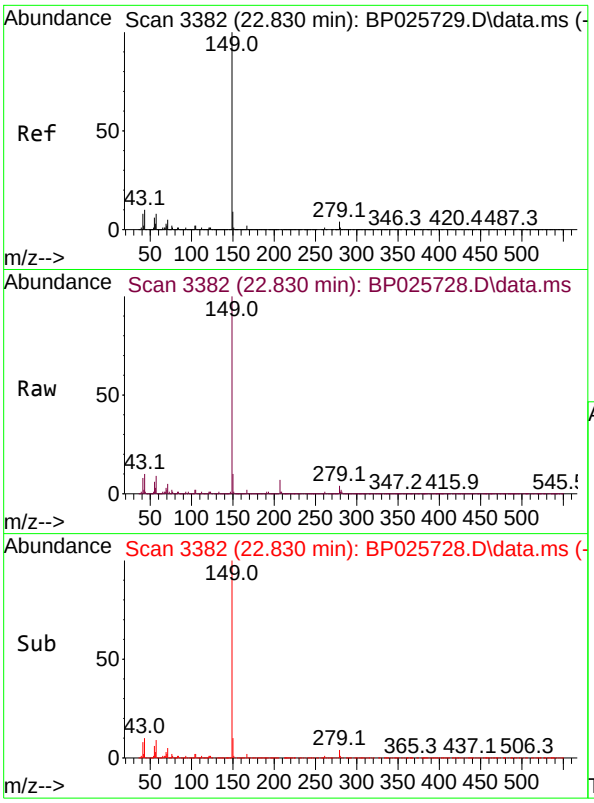


#84
Bis(2-ethylhexyl)phthalate
Concen: 21.725 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:149 Resp: 866210

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.9	34.3
279	4.6	3.8	5.8

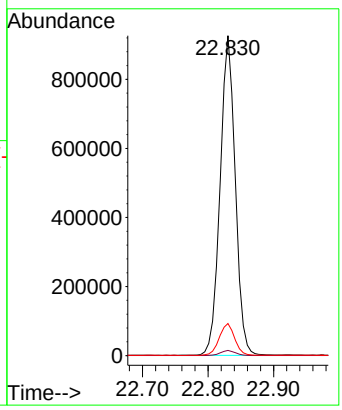




#85
Di-n-octyl phthalate
Concen: 21.062 ng
RT: 22.830 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:149 Resp: 149382

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.1	8.0	12.0



Instrument :
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ClientSampleId :
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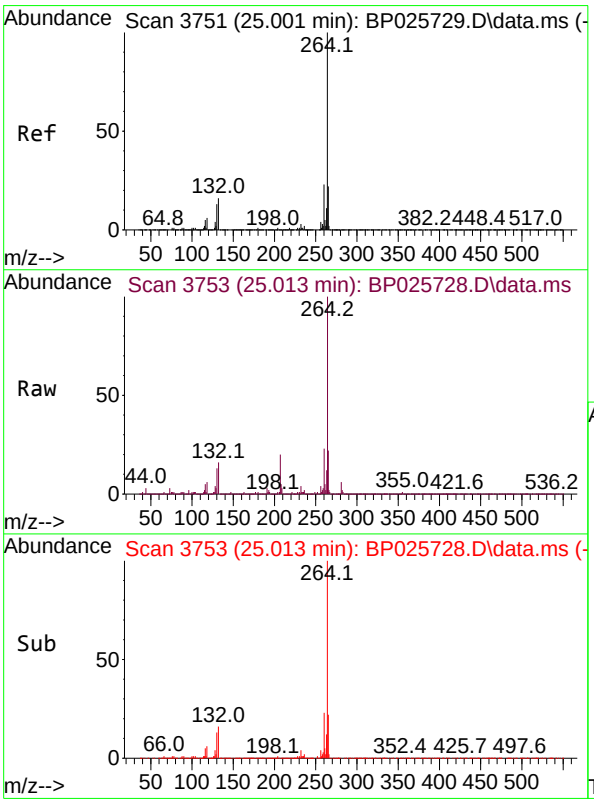
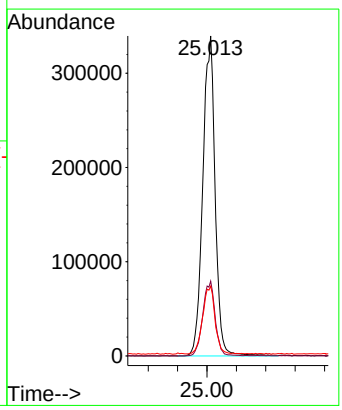
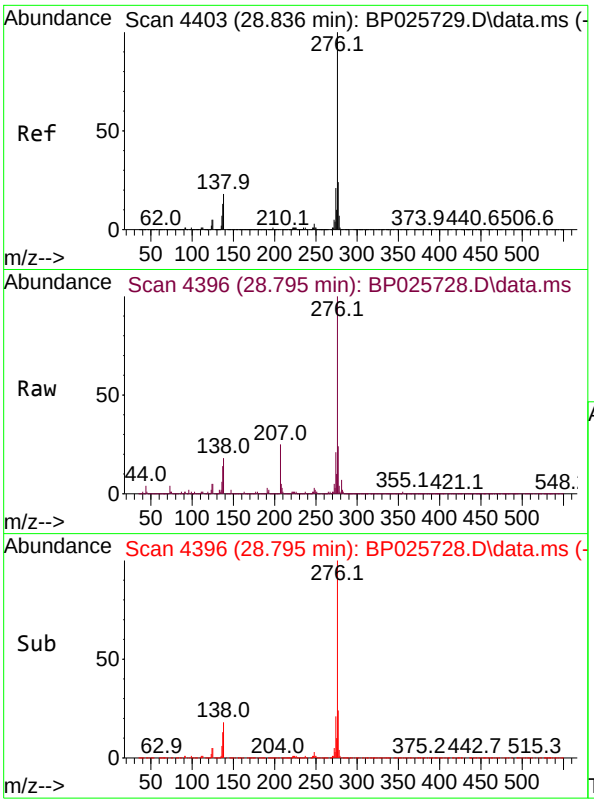


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.013 min Scan# 3753
Delta R.T. 0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:264 Resp: 988151

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.8	17.3	25.9

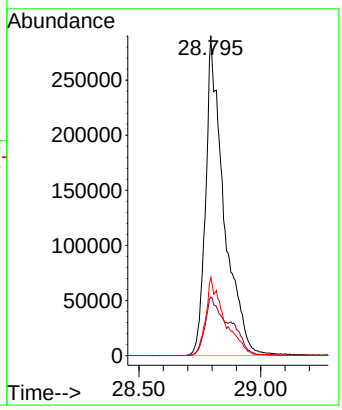




#87
Indeno(1,2,3-cd)pyrene
Concen: 21.074 ng
RT: 28.795 min Scan# 4
Delta R.T. -0.041 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:276 Resp: 151436

Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.4	20.2
277	25.2	9.1	13.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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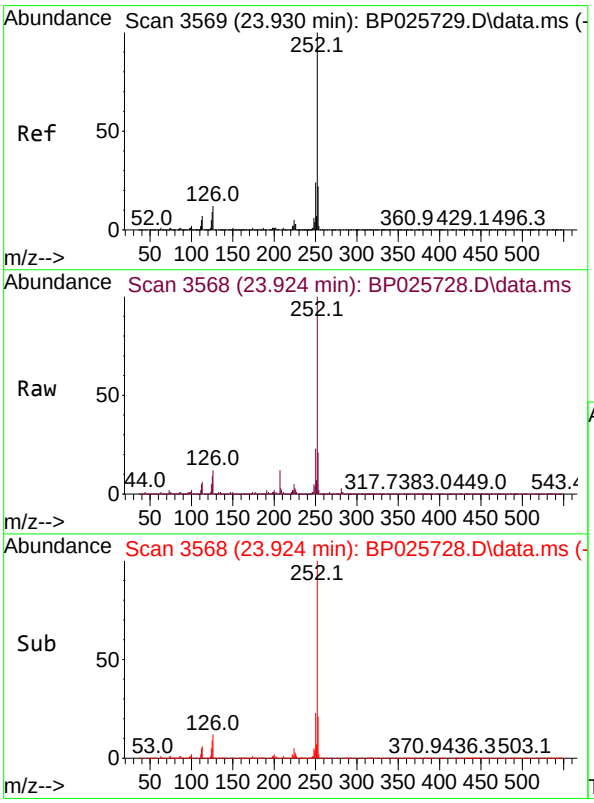
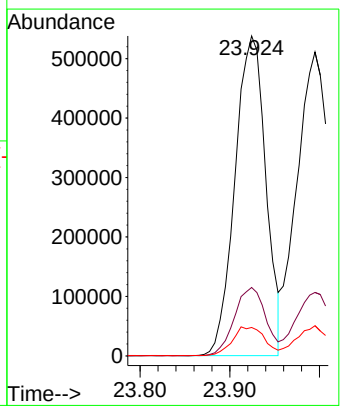
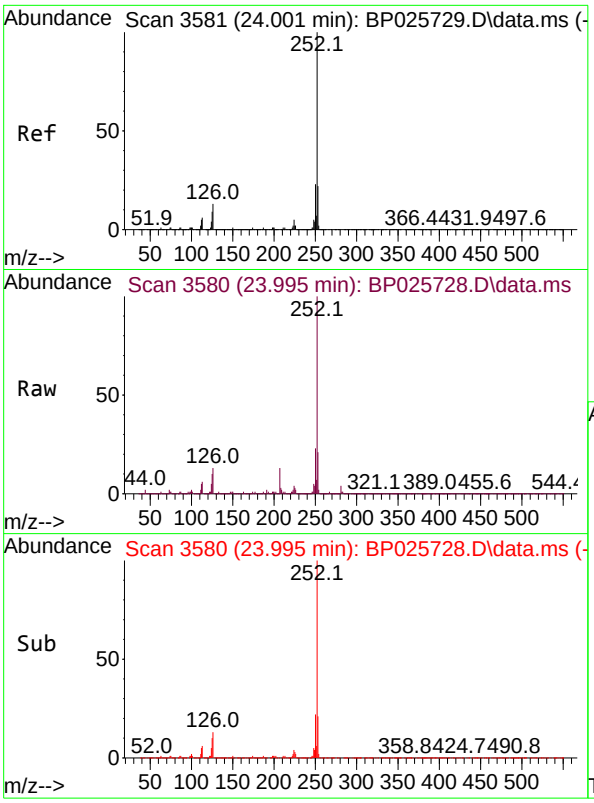


#88
Benzo(b)fluoranthene
Concen: 21.316 ng
RT: 23.924 min Scan# 3568
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:252 Resp: 1288073

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	8.9	7.3	10.9

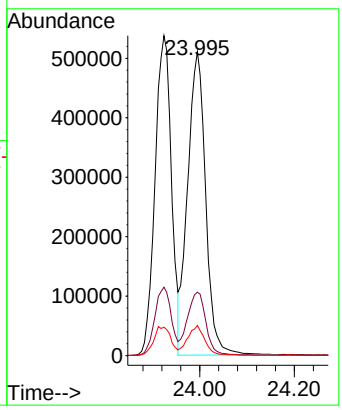




#89
Benzo(k)fluoranthene
Concen: 21.911 ng
RT: 23.995 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:252 Resp: 135105

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.5	26.3
125	9.9	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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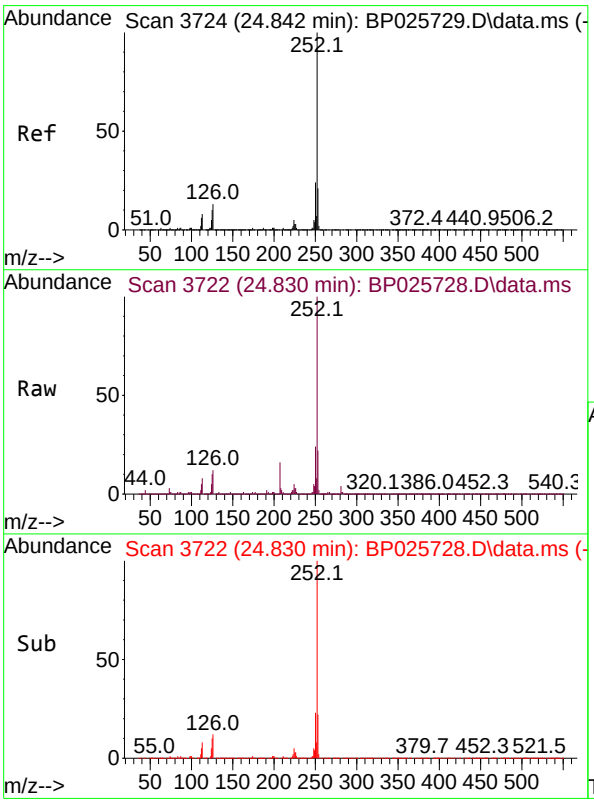
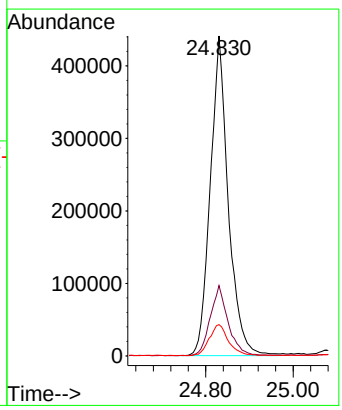
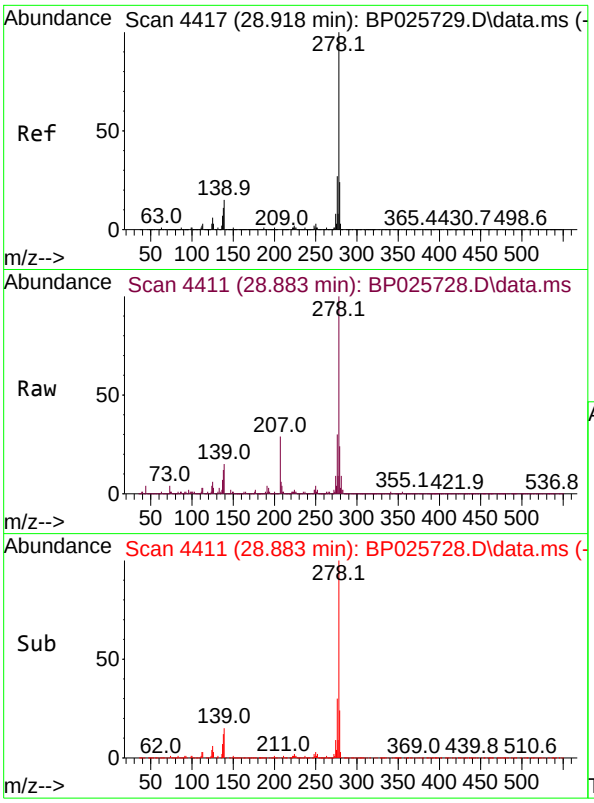


#90
Benzo(a)pyrene
Concen: 21.300 ng
RT: 24.830 min Scan# 3722
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:252 Resp: 1260461

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	9.8	8.3	12.5

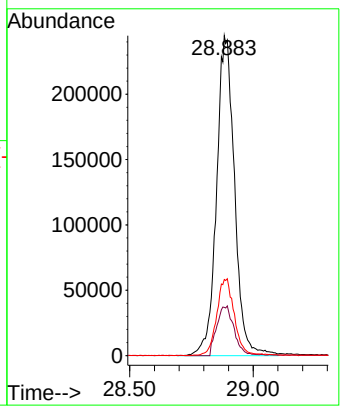




#91
Dibenzo(a,h)anthracene
Concen: 21.066 ng
RT: 28.883 min Scan# 44
Delta R.T. -0.035 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:278 Resp: 123876

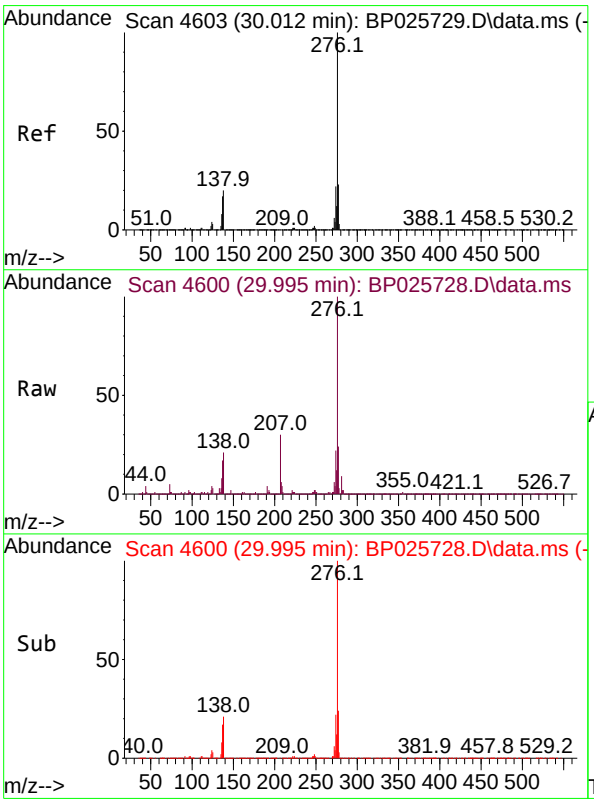
Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.1	18.1
279	23.8	19.6	29.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

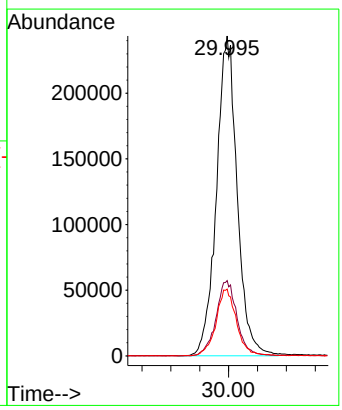
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#92
Benzo(g,h,i)perylene
Concen: 20.937 ng
RT: 29.995 min Scan# 4600
Delta R.T. -0.018 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:276 Resp: 1210808

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	20.9	16.0	24.0



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025729.D
Acq On : 11 Sep 2025 12:21
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 11 16:22:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	144640	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	617318	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	418121	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	868840	20.000	ng	0.00
76) Chrysene-d12	21.630	240	926553	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1000954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	787836	87.888	ng	0.00
7) Phenol-d6	6.943	99	1076622	90.359	ng	0.00
23) Nitrobenzene-d5	8.902	82	1224870	87.524	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	462583	88.699	ng	-0.01
45) 2-Fluorobiphenyl	12.990	172	2669440	85.008	ng	0.00
79) Terphenyl-d14	19.901	244	4362586	84.704	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	157988	41.993	ng	99
3) Pyridine	3.708	79	452870	43.715	ng	98
4) n-Nitrosodimethylamine	3.614	42	208606	42.674	ng	98
6) Aniline	7.096	93	725768	44.373	ng	98
8) 2-Chlorophenol	7.331	128	436310	44.368	ng	99
9) Benzaldehyde	6.913	77	253178m	35.491	ng	
10) Phenol	6.972	94	568213	45.227	ng	99
11) bis(2-Chloroethyl)ether	7.190	93	449932	44.575	ng	99
12) 1,3-Dichlorobenzene	7.649	146	484132	43.256	ng	98
13) 1,4-Dichlorobenzene	7.796	146	488797	42.874	ng	100
14) 1,2-Dichlorobenzene	8.107	146	478270	43.182	ng	98
15) Benzyl Alcohol	8.002	79	436860	44.371	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.278	45	721206	43.691	ng	100
17) 2-Methylphenol	8.202	107	381511	45.040	ng	97
18) Hexachloroethane	8.825	117	187163	42.979	ng	96
19) n-Nitroso-di-n-propyla...	8.554	70	381756	46.485	ng	100
20) 3+4-Methylphenols	8.525	107	526118	44.351	ng	98
22) Acetophenone	8.572	105	726426	44.034	ng	99
24) Nitrobenzene	8.943	77	554186	44.142	ng	99
25) Isophorone	9.472	82	1061978	43.173	ng	100
26) 2-Nitrophenol	9.649	139	250189	44.885	ng	96
27) 2,4-Dimethylphenol	9.713	122	439626	44.957	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	615359	43.278	ng	99
29) 2,4-Dichlorophenol	10.190	162	430954	44.201	ng	99
30) 1,2,4-Trichlorobenzene	10.396	180	466981	42.499	ng	99
31) Naphthalene	10.578	128	1416256	42.548	ng	100
32) Benzoic acid	9.884	122	322344	44.337	ng	98
33) 4-Chloroaniline	10.684	127	629600	45.380	ng	99
34) Hexachlorobutadiene	10.860	225	299180	42.296	ng	98
35) Caprolactam	11.490	113	162983	43.455	ng	99
36) 4-Chloro-3-methylphenol	11.825	107	511595	44.012	ng	97
37) 2-Methylnaphthalene	12.184	142	922799	43.164	ng	99
38) 1-Methylnaphthalene	12.407	142	987208	43.302	ng	99
40) 1,2,4,5-Tetrachloroben...	12.560	216	551785	43.550	ng	100
41) Hexachlorocyclopentadiene	12.537	237	317811	46.055	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	372542	44.726	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025729.D
Acq On : 11 Sep 2025 12:21
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 11 16:22:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	418700	45.167	ng		98
46) 1,1'-Biphenyl	13.207	154	1327491	43.254	ng		99
47) 2-Chloronaphthalene	13.242	162	1037016	42.913	ng		99
48) 2-Nitroaniline	13.454	65	366901	45.547	ng		97
49) Acenaphthylene	14.101	152	1721169	42.987	ng		100
50) Dimethylphthalate	13.837	163	1387323	43.460	ng		99
51) 2,6-Dinitrotoluene	13.948	165	299565	44.293	ng		99
52) Acenaphthene	14.442	154	998942	43.262	ng		99
53) 3-Nitroaniline	14.284	138	329431	46.320	ng		98
54) 2,4-Dinitrophenol	14.507	184	174477	42.110	ng		98
55) Dibenzofuran	14.784	168	1607411	42.712	ng		99
56) 4-Nitrophenol	14.619	139	256685	44.044	ng		98
57) 2,4-Dinitrotoluene	14.754	165	435664	45.264	ng		99
58) Fluorene	15.448	166	1292575	43.194	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	373358	44.710	ng		98
60) Diethylphthalate	15.219	149	1374845	42.459	ng		100
61) 4-Chlorophenyl-phenyle...	15.436	204	643036	42.637	ng		99
62) 4-Nitroaniline	15.472	138	338121	46.442	ng		100
63) Azobenzene	15.736	77	1373602	43.872	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	261709	45.293	ng		94
66) n-Nitrosodiphenylamine	15.654	169	1153503	43.383	ng		99
67) 4-Bromophenyl-phenylether	16.348	248	413274	43.298	ng		99
68) Hexachlorobenzene	16.472	284	453064	42.564	ng		97
69) Atrazine	16.636	200	451179	44.392	ng		98
70) Pentachlorophenol	16.836	266	311192	44.297	ng		98
71) Phenanthrene	17.230	178	2106998	42.751	ng		100
72) Anthracene	17.319	178	2149009	42.974	ng		100
73) Carbazole	17.601	167	2037704	43.830	ng		99
74) Di-n-butylphthalate	18.189	149	2498531	43.793	ng		100
75) Fluoranthene	19.313	202	2514212	42.535	ng		99
77) Benzidine	19.501	184	1209219	45.307	ng		100
78) Pyrene	19.689	202	2650721	42.875	ng		99
80) Butylbenzylphthalate	20.636	149	1198520	44.213	ng		99
81) Benzo(a)anthracene	21.613	228	2693098	42.456	ng		100
82) 3,3'-Dichlorobenzidine	21.524	252	960752	43.803	ng		99
83) Chrysene	21.677	228	2548856	42.152	ng		100
84) Bis(2-ethylhexyl)phtha...	21.542	149	1750717	44.144	ng		99
85) Di-n-octyl phthalate	22.818	149	3094664	43.867	ng		100
87) Indeno(1,2,3-cd)pyrene	28.824	276	3195673	43.902	ng	#	83
88) Benzo(b)fluoranthene	23.930	252	2674118	43.687	ng		99
89) Benzo(k)fluoranthene	24.007	252	2685118	42.989	ng		99
90) Benzo(a)pyrene	24.836	252	2617139	43.660	ng		100
91) Dibenzo(a,h)anthracene	28.906	278	2596318	43.586	ng		99
92) Benzo(g,h,i)perylene	30.006	276	2536855	43.305	ng		99

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

ICAL Form

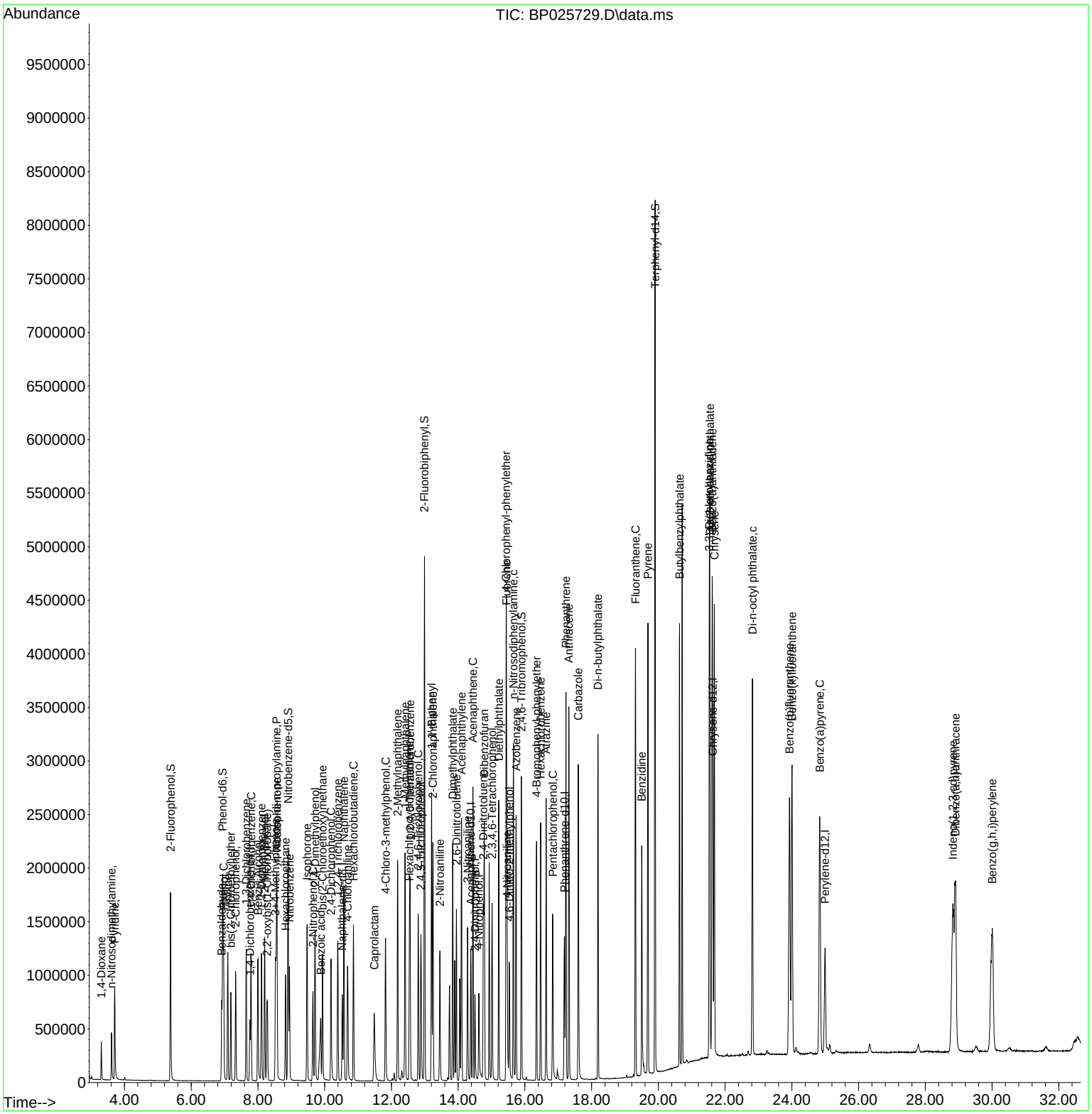
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025729.D
Acq On : 11 Sep 2025 12:21
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

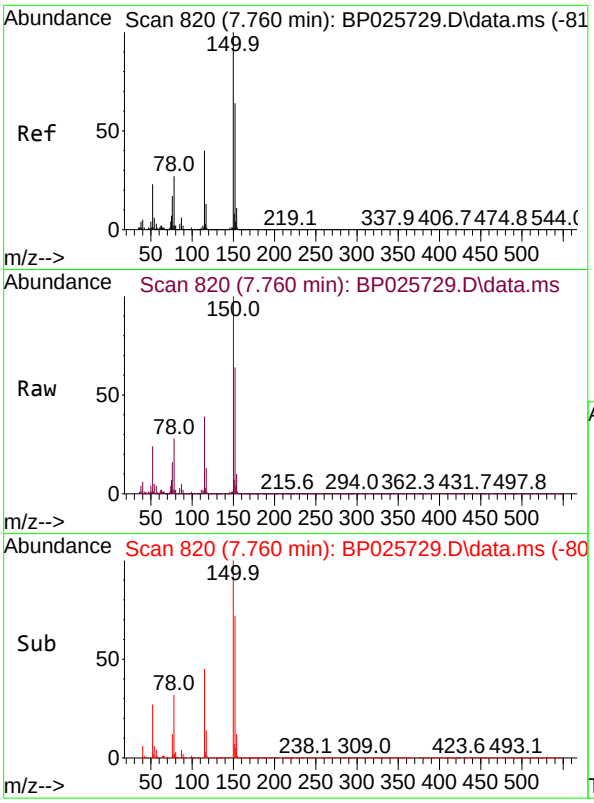
Quant Time: Sep 11 16:22:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

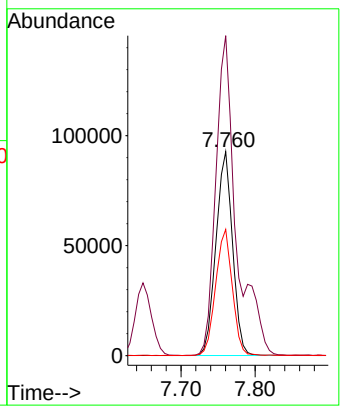




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.760 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:152 Resp: 14464

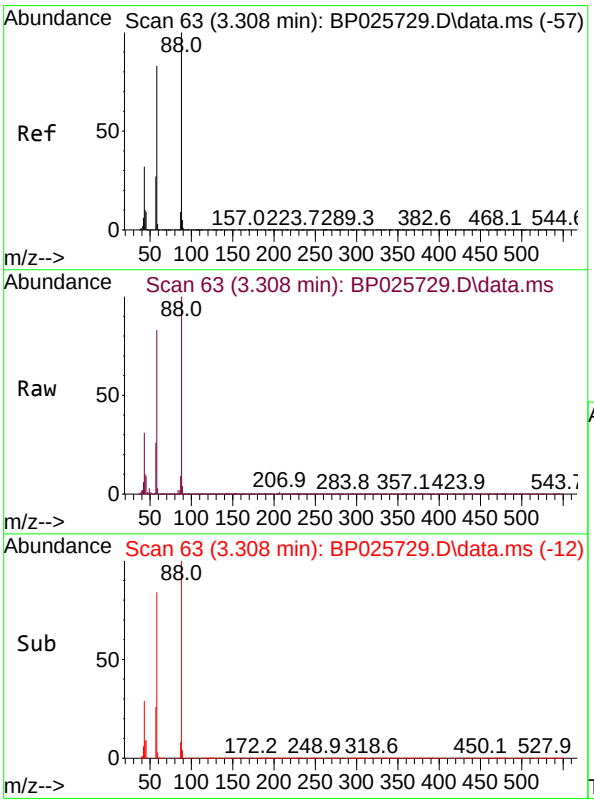
Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.3	186.5
115	61.9	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

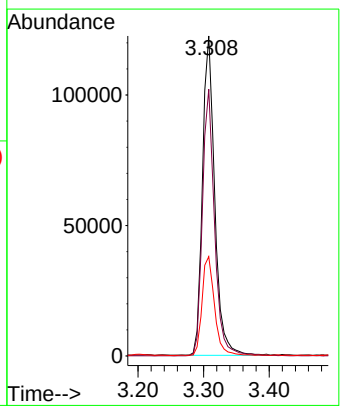
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

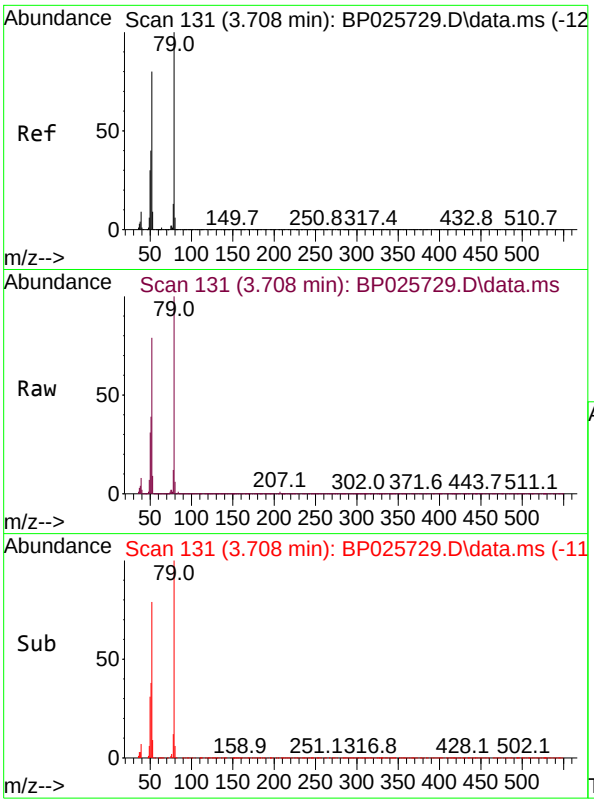


#2
1,4-Dioxane
Concen: 41.993 ng
RT: 3.308 min Scan# 63
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 88 Resp: 157988

Ion	Ratio	Lower	Upper
88	100		
58	82.8	65.5	98.3
43	31.5	25.2	37.8

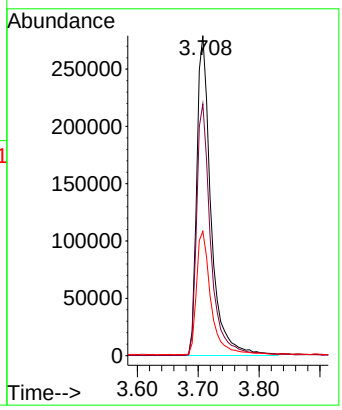




#3
Pyridine
Concen: 43.715 ng
RT: 3.708 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 79 Resp: 45287

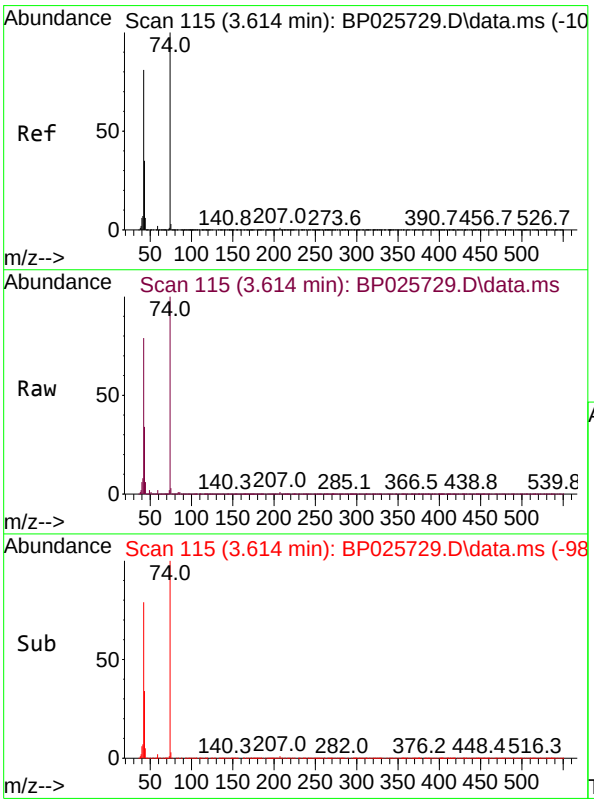
Ion	Ratio	Lower	Upper
79	100		
52	78.7	63.7	95.5
51	38.8	32.4	48.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

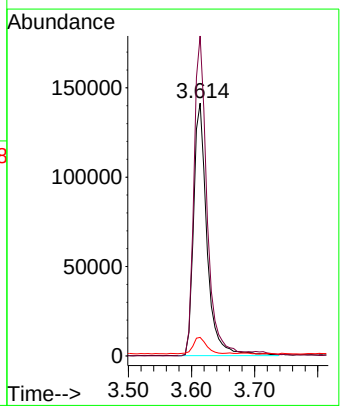
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

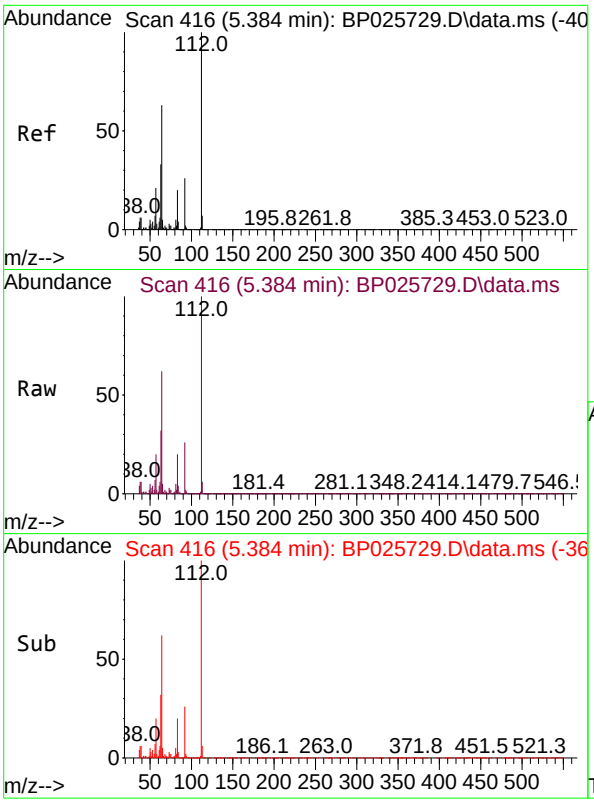


#4
n-Nitrosodimethylamine
Concen: 42.674 ng
RT: 3.614 min Scan# 115
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 42 Resp: 208606

Ion	Ratio	Lower	Upper
42	100		
74	126.6	99.2	148.8
44	7.3	6.4	9.6

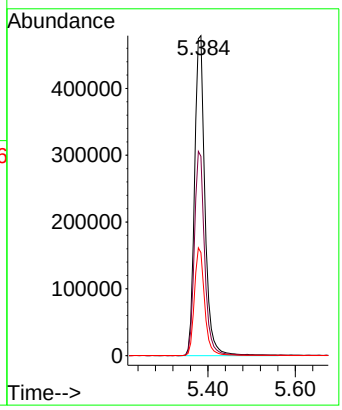




#5
2-Fluorophenol
Concen: 87.888 ng
RT: 5.384 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:112 Resp: 78783

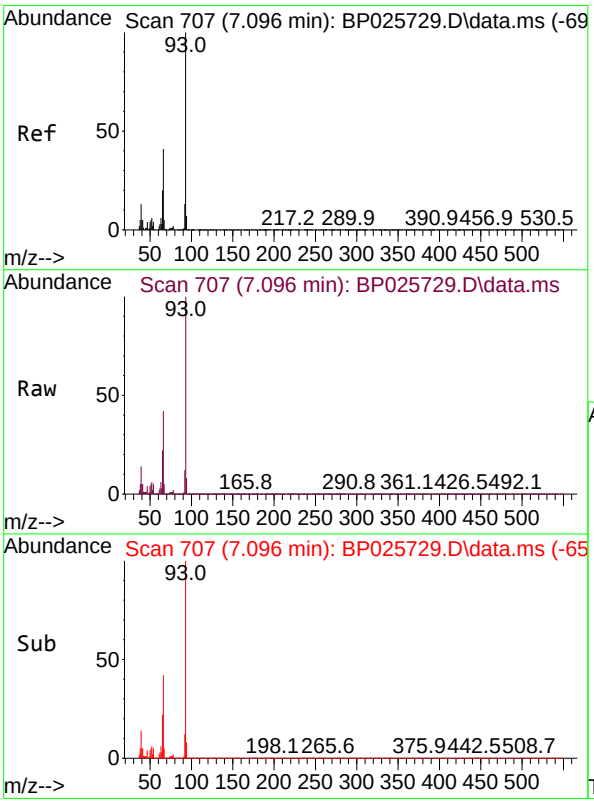
Ion	Ratio	Lower	Upper
112	100		
64	62.3	50.2	75.4
63	32.2	26.7	40.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

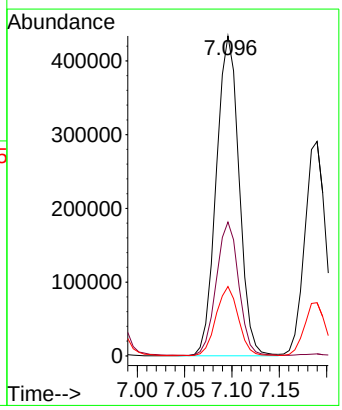
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

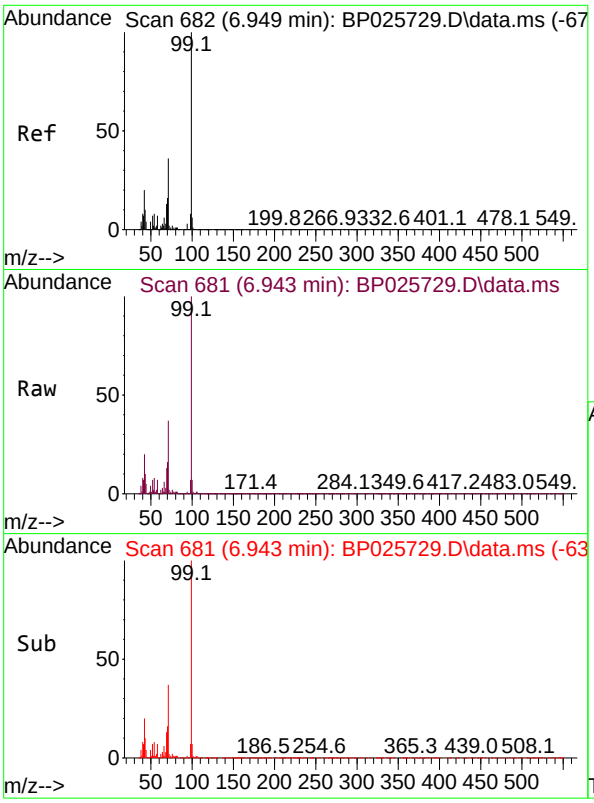


#6
Aniline
Concen: 44.373 ng
RT: 7.096 min Scan# 707
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 93 Resp: 725768

Ion	Ratio	Lower	Upper
93	100		
66	41.8	32.6	49.0
65	21.7	16.2	24.2

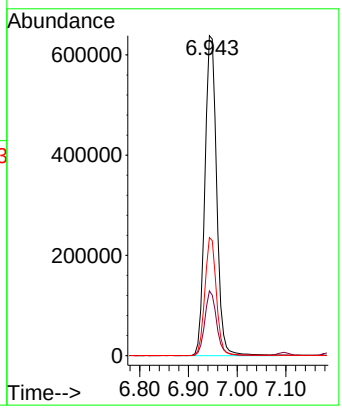




#7
Phenol-d6
Concen: 90.359 ng
RT: 6.943 min Scan# 68
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 99 Resp: 107662

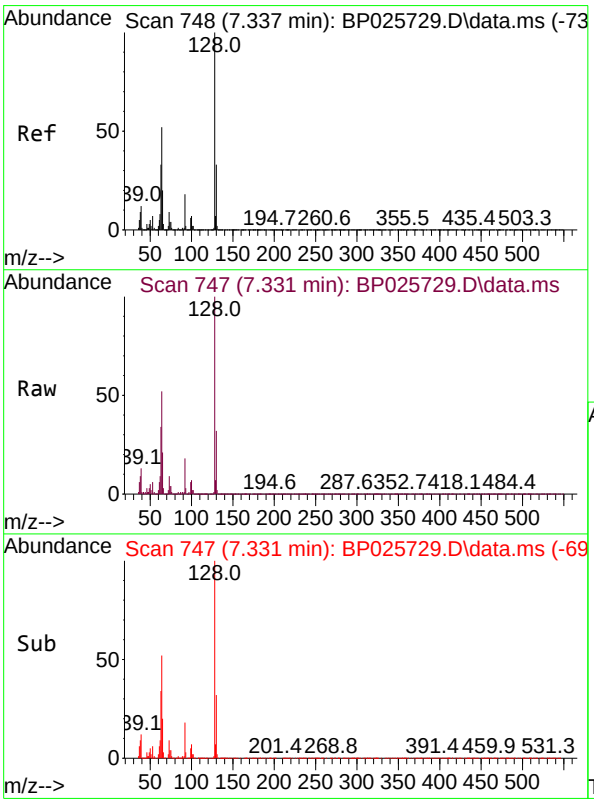
Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.6	23.4
71	36.9	28.6	43.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

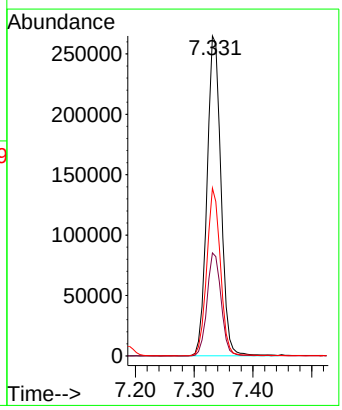
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

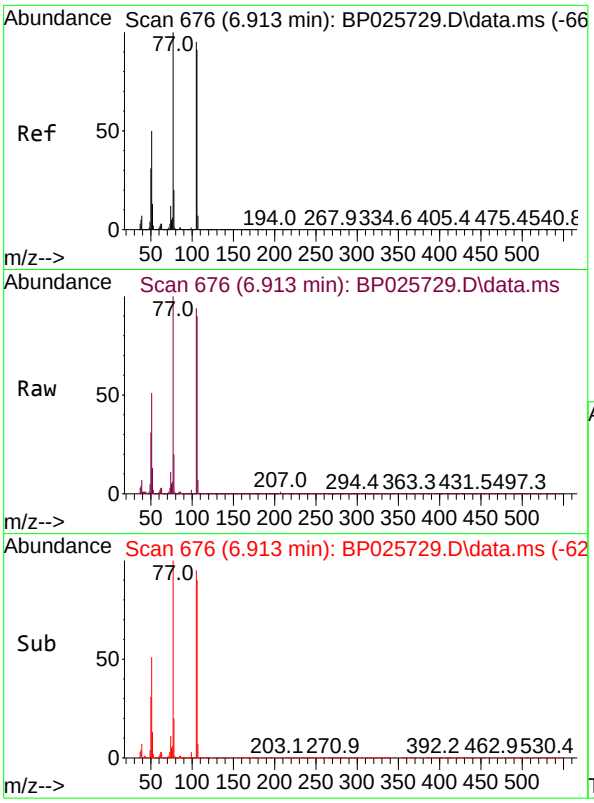


#8
2-Chlorophenol
Concen: 44.368 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:128 Resp: 436310

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.6	52.6
64	52.4	31.6	71.6

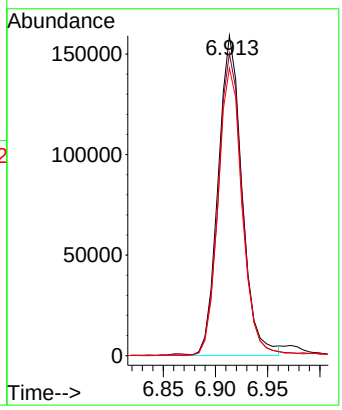




#9
Benzaldehyde
Concen: 35.491 ng m
RT: 6.913 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 77 Resp: 25317

Ion	Ratio	Lower	Upper
77	100		
105	94.5	75.2	115.2
106	89.8	71.3	111.3



Instrument :
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ClientSampleId :
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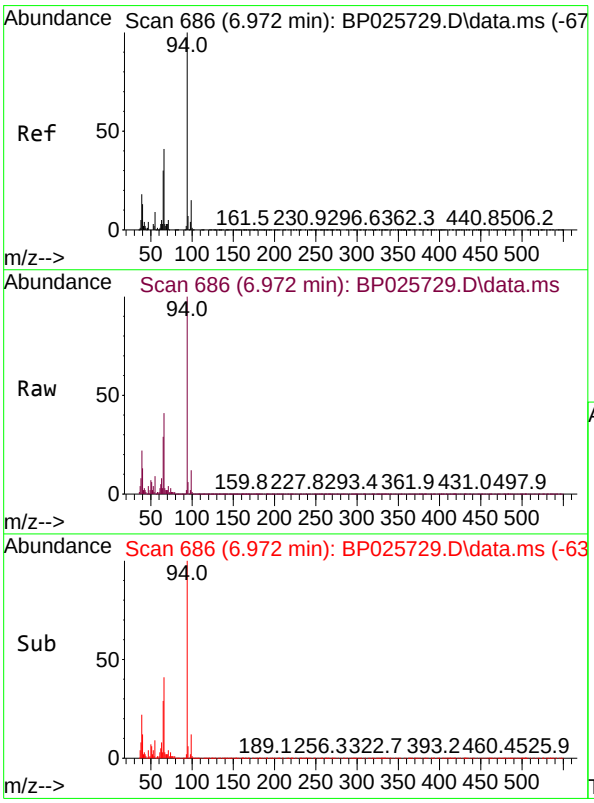
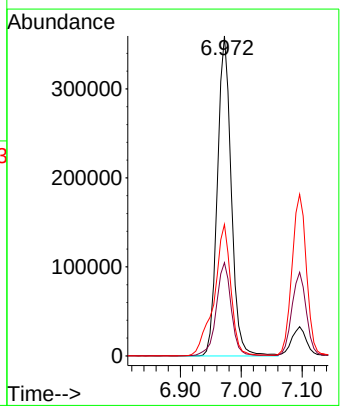
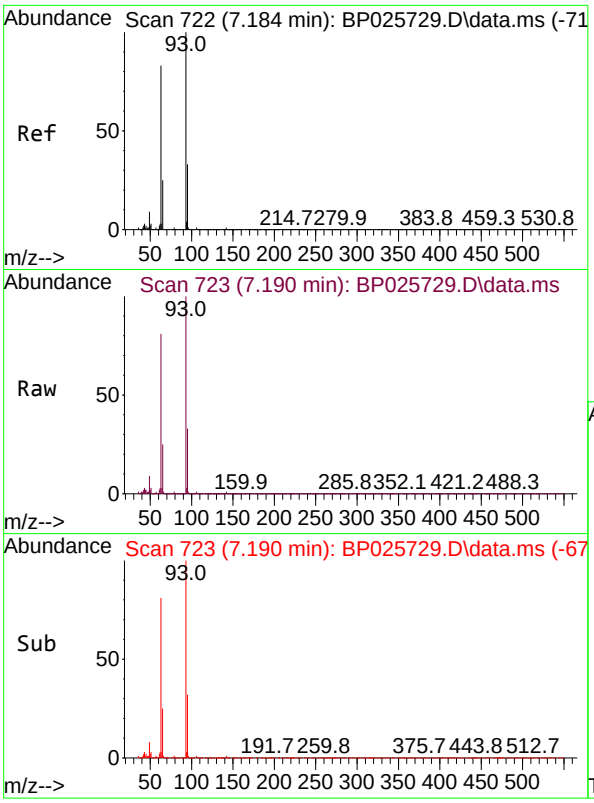


#10
Phenol
Concen: 45.227 ng
RT: 6.972 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 94 Resp: 568213

Ion	Ratio	Lower	Upper
94	100		
65	29.1	10.2	50.2
66	41.1	21.4	61.4

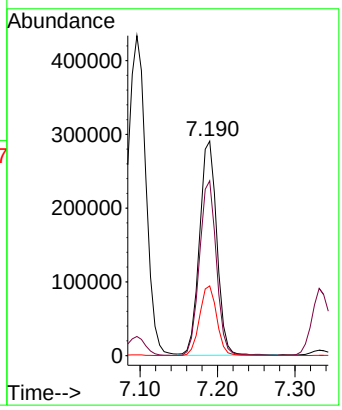




#11
bis(2-Chloroethyl)ether
Concen: 44.575 ng
RT: 7.190 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 93 Resp: 44993

Ion	Ratio	Lower	Upper
93	100		
63	81.5	62.6	102.6
95	32.5	13.2	53.2



Instrument :
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ClientSampleId :
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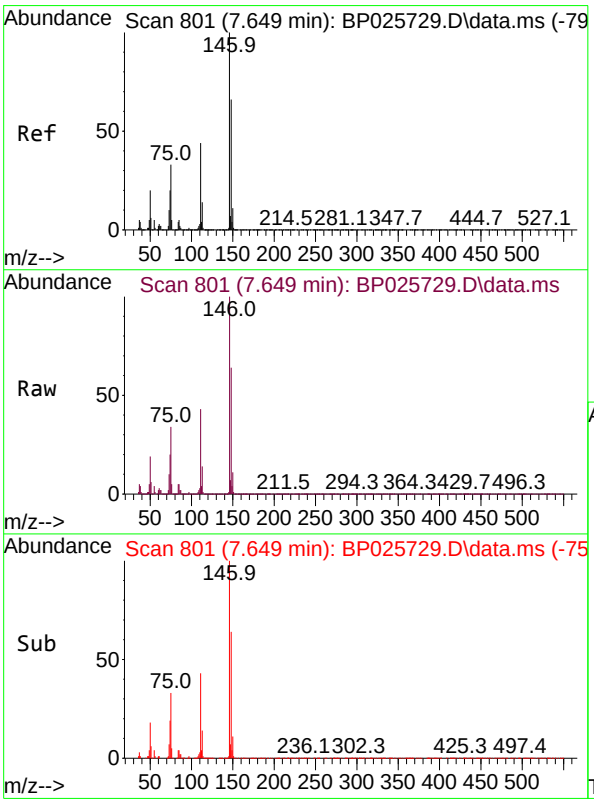
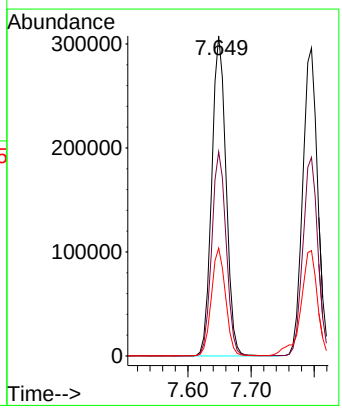
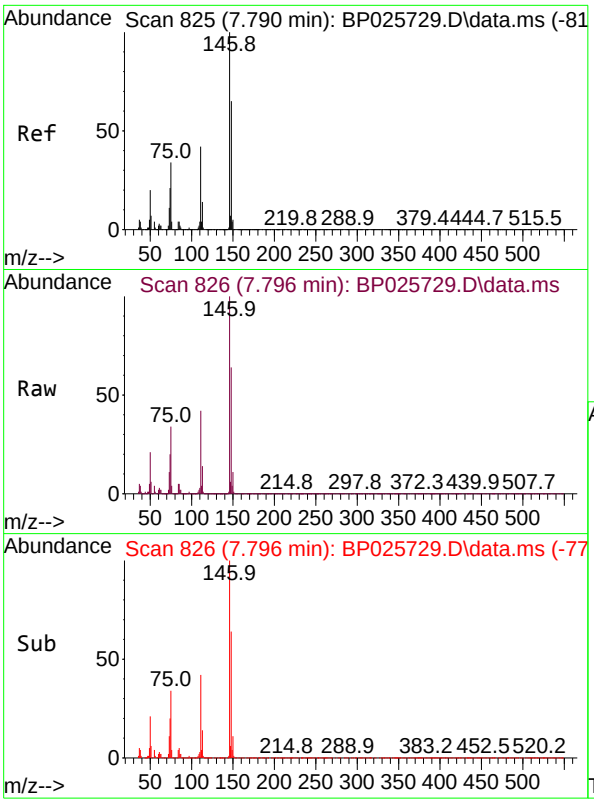


#12
1,3-Dichlorobenzene
Concen: 43.256 ng
RT: 7.649 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:146 Resp: 484132

Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.7	79.1
75	33.7	26.4	39.6





#13
1,4-Dichlorobenzene
Concen: 42.874 ng
RT: 7.796 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:146 Resp: 48879

Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.0	78.0
111	42.3	33.9	50.9

Instrument :
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ClientSampleId :
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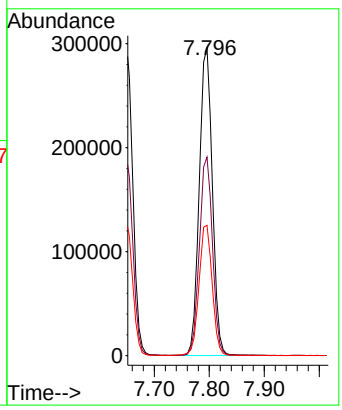
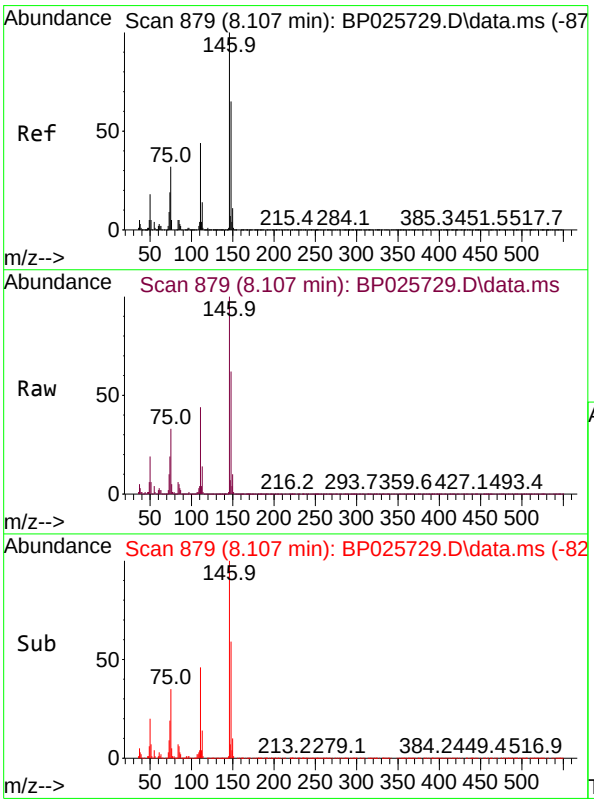
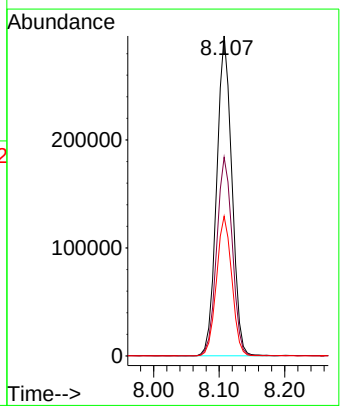


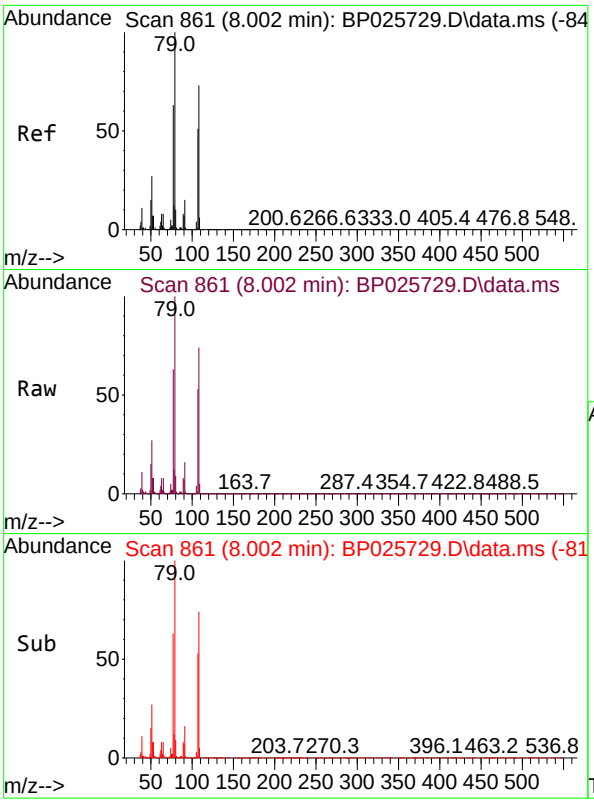


#14
1,2-Dichlorobenzene
Concen: 43.182 ng
RT: 8.107 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:146 Resp: 478270

Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.7	77.5
111	43.6	35.5	53.3

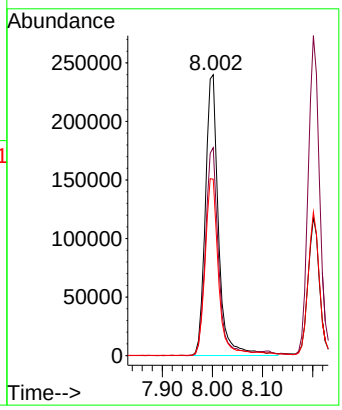




#15
Benzyl Alcohol
Concen: 44.371 ng
RT: 8.002 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 79 Resp: 43686

Ion	Ratio	Lower	Upper
79	100		
108	74.1	58.7	88.1
77	62.8	50.2	75.2



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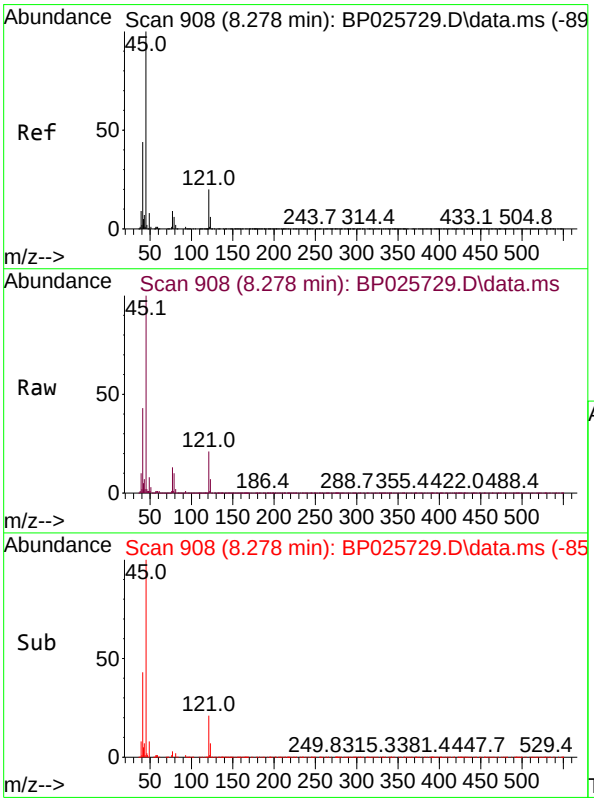
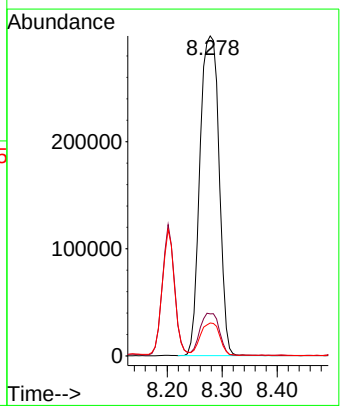
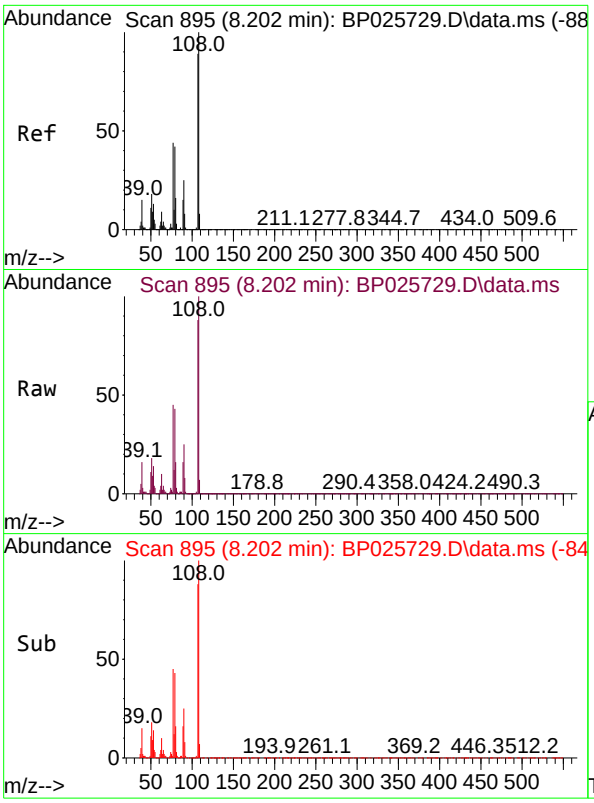


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.691 ng
RT: 8.278 min Scan# 908
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 45 Resp: 721206

Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	33.1
79	10.3	0.0	30.0

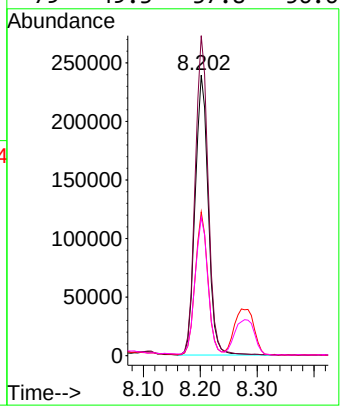




#17
2-Methylphenol
Concen: 45.040 ng
RT: 8.202 min Scan# 89
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:107 Resp: 381511

Ion	Ratio	Lower	Upper
107	100		
108	114.1	89.6	134.4
77	51.2	39.3	58.9
79	49.3	37.8	56.6



Instrument :
BNA_P
ClientSampleId :
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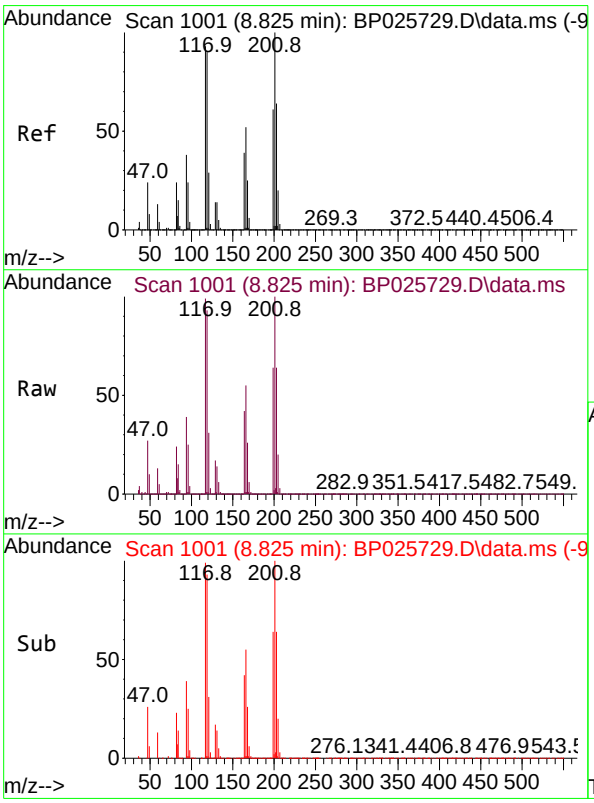
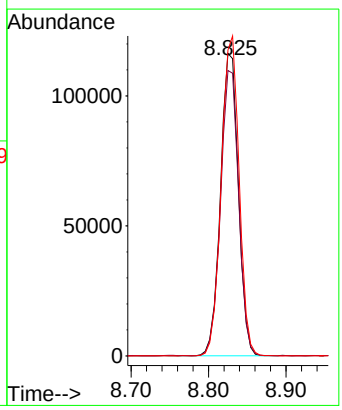
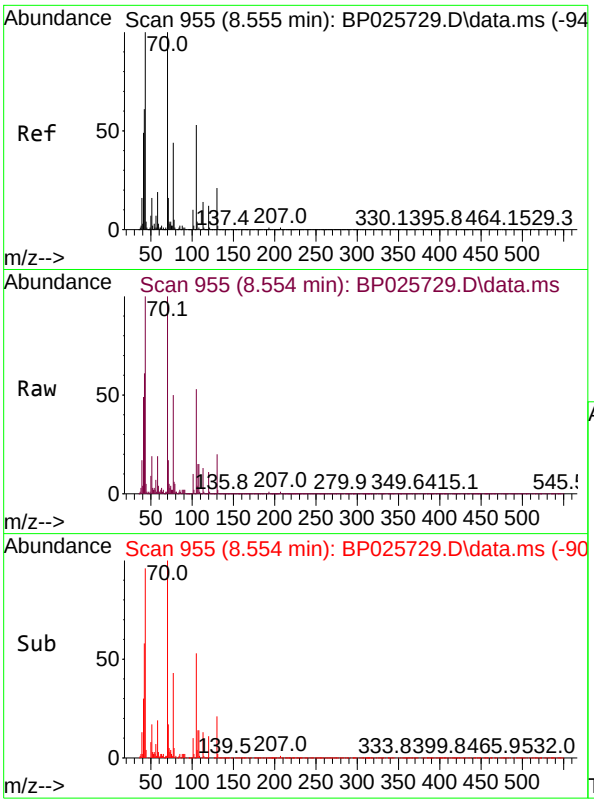


#18
Hexachloroethane
Concen: 42.979 ng
RT: 8.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:117 Resp: 187163

Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.1	115.7
201	101.1	85.6	128.4

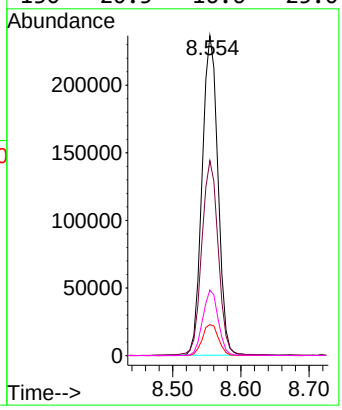




#19
n-Nitroso-di-n-propylamine
Concen: 46.485 ng
RT: 8.554 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 70 Resp: 38175

Ion	Ratio	Lower	Upper
70	100		
42	60.9	49.0	73.4
101	9.7	7.9	11.9
130	20.5	16.6	25.0



Instrument :
BNA_P
ClientSampleId :
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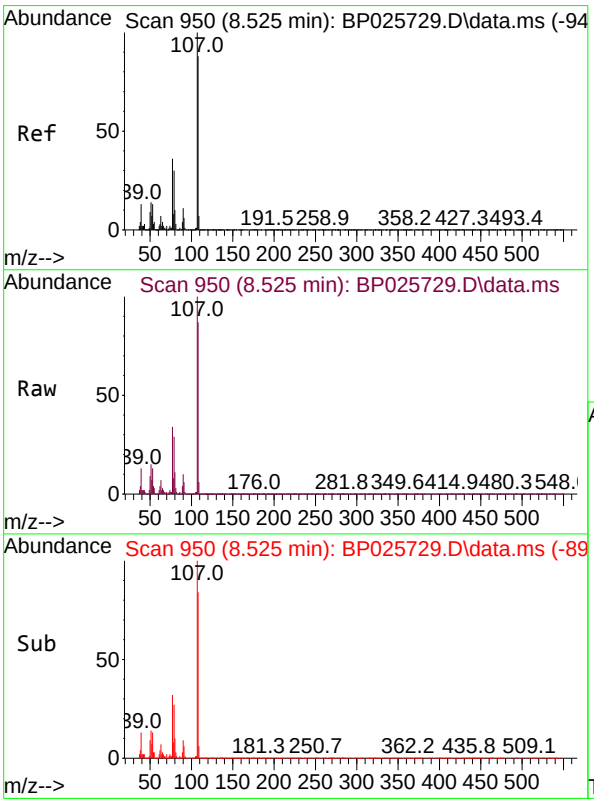
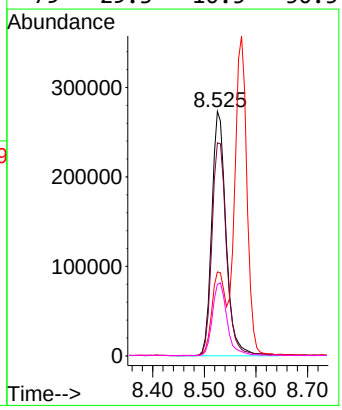
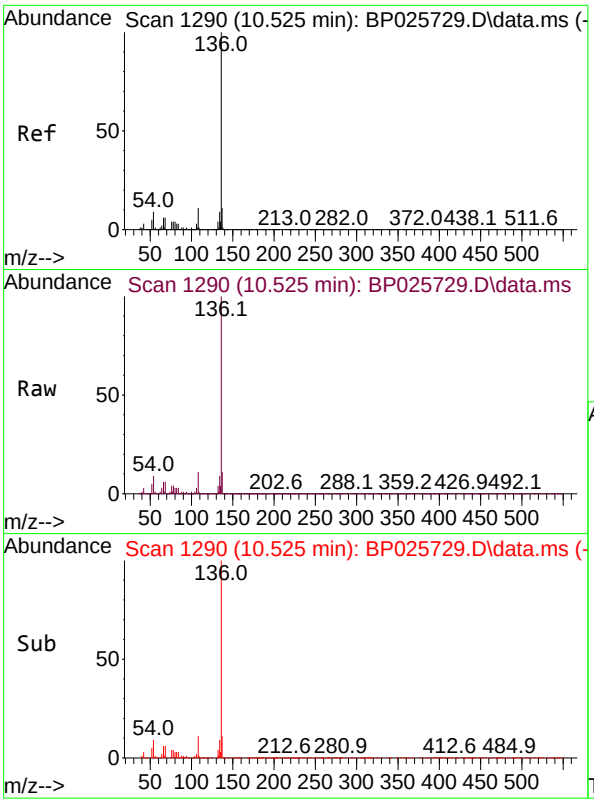


#20
3+4-Methylphenols
Concen: 44.351 ng
RT: 8.525 min Scan# 950
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:107 Resp: 526118

Ion	Ratio	Lower	Upper
107	100		
108	87.1	67.8	107.8
77	34.3	16.1	56.1
79	29.3	10.5	50.5

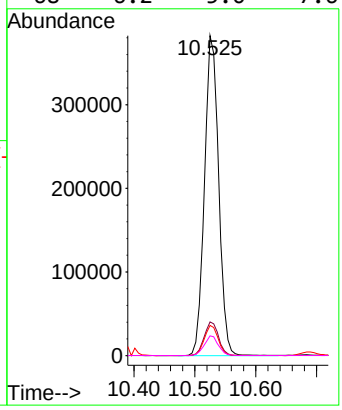




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:136 Resp: 617318

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	9.4	7.5	11.3
68	6.2	5.0	7.6



Instrument :
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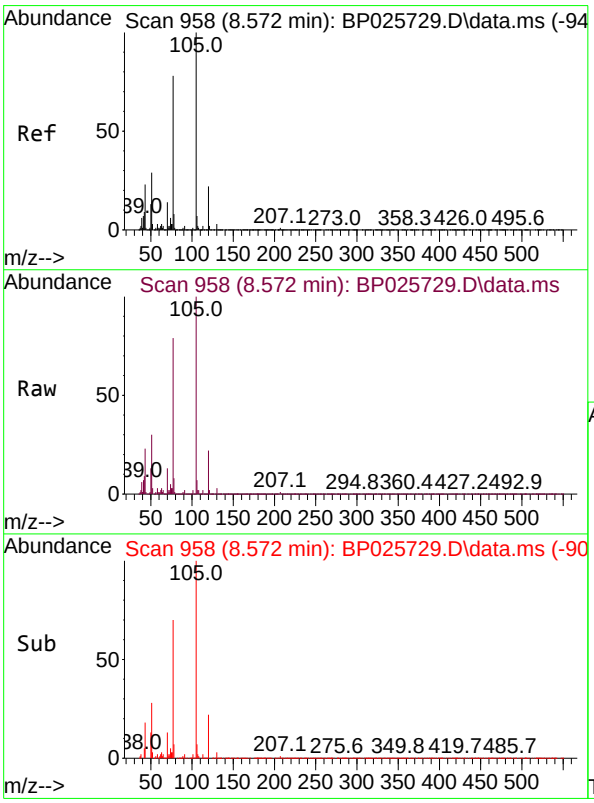
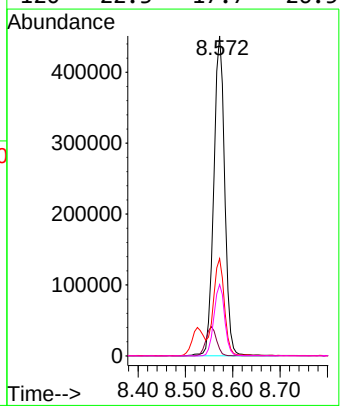
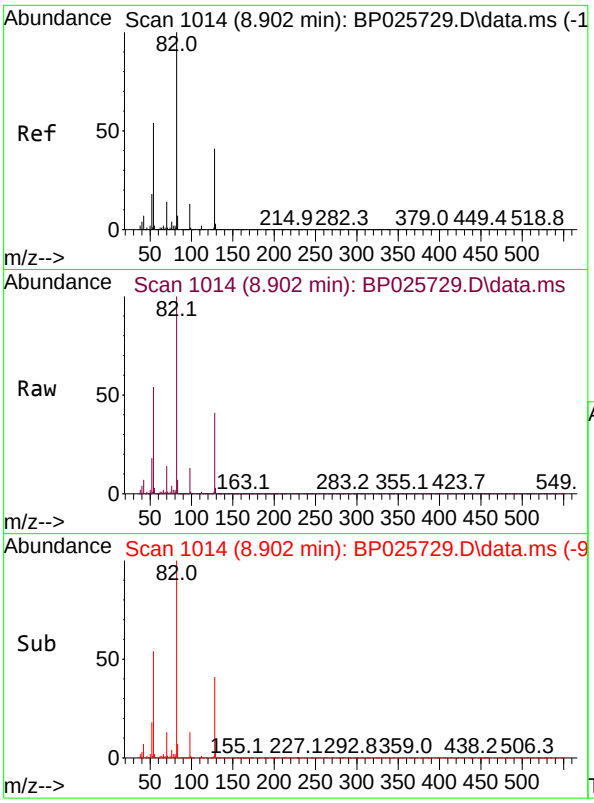


#22
Acetophenone
Concen: 44.034 ng
RT: 8.572 min Scan# 958
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:105 Resp: 726426

Ion	Ratio	Lower	Upper
105	100		
71	2.2	1.8	2.8
51	30.4	23.5	35.3
120	22.3	17.7	26.5

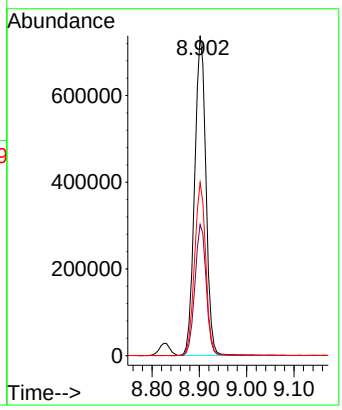




#23
Nitrobenzene-d5
Concen: 87.524 ng
RT: 8.902 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 82 Resp: 122487

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.9	49.3
54	54.1	43.4	65.2



Instrument :
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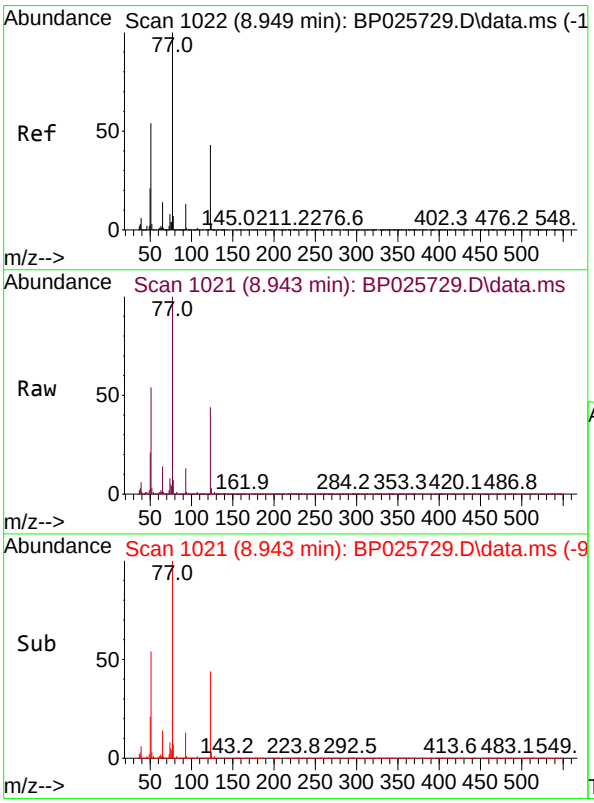
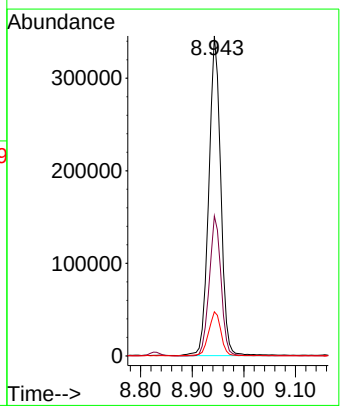
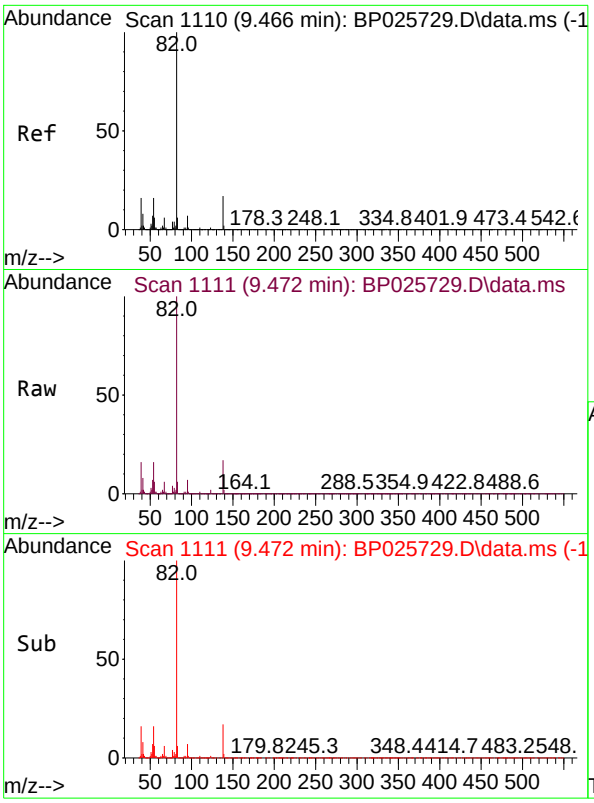


#24
Nitrobenzene
Concen: 44.142 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 77 Resp: 554186

Ion	Ratio	Lower	Upper
77	100		
123	43.7	34.4	51.6
65	13.8	10.8	16.2

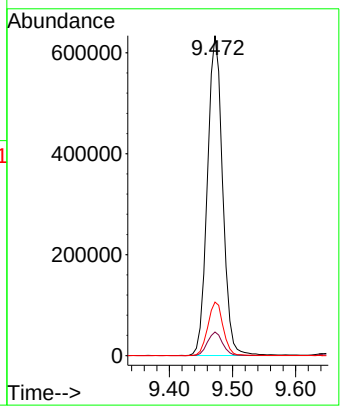




#25
Isophorone
Concen: 43.173 ng
RT: 9.472 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 82 Resp: 106197

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.8
138	16.7	13.5	20.3



Instrument :
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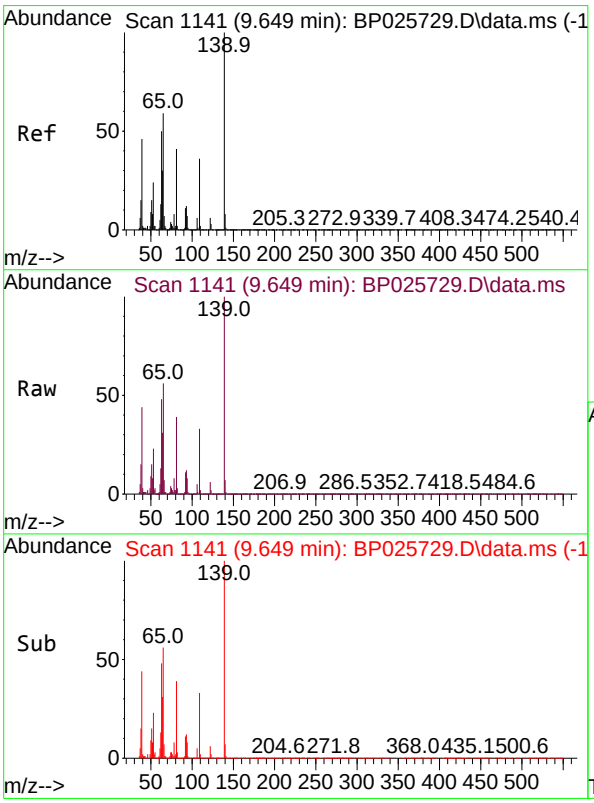
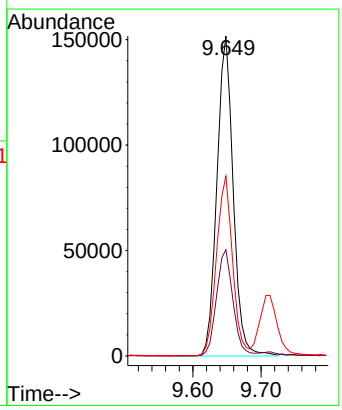
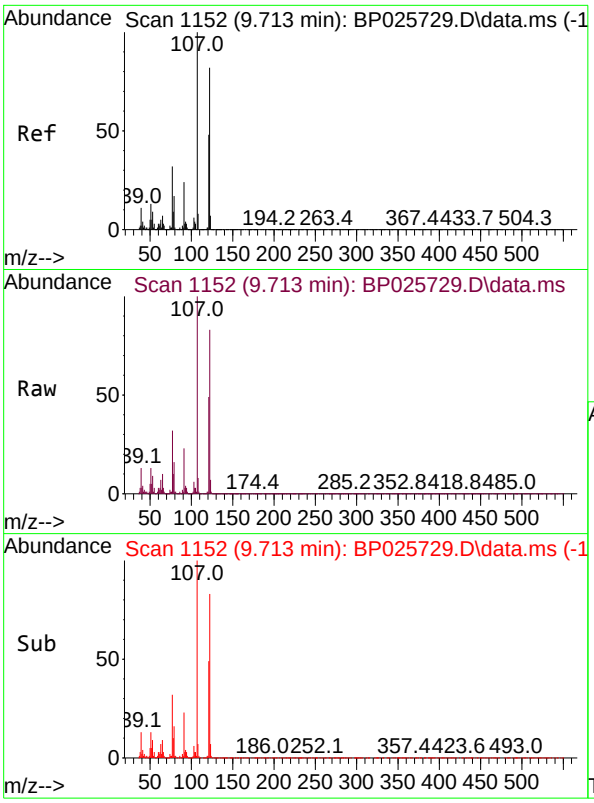


#26
2-Nitrophenol
Concen: 44.885 ng
RT: 9.649 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:139 Resp: 250189

Ion	Ratio	Lower	Upper
139	100		
109	33.2	29.0	43.4
65	56.2	46.9	70.3

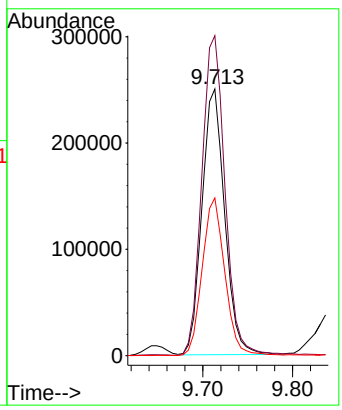




#27
2,4-Dimethylphenol
Concen: 44.957 ng
RT: 9.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:122 Resp: 43962

Ion	Ratio	Lower	Upper
122	100		
107	120.0	97.9	146.9
121	59.1	47.4	71.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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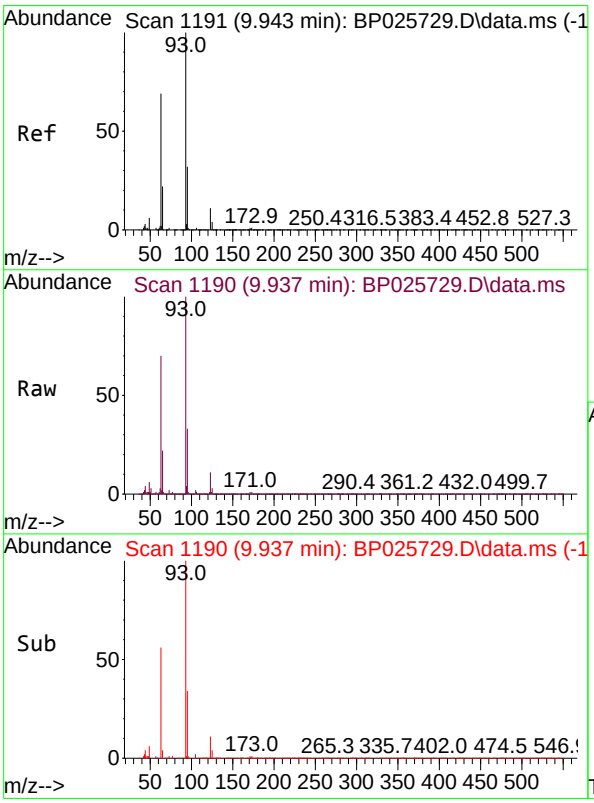
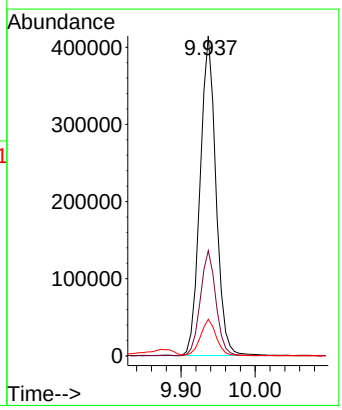
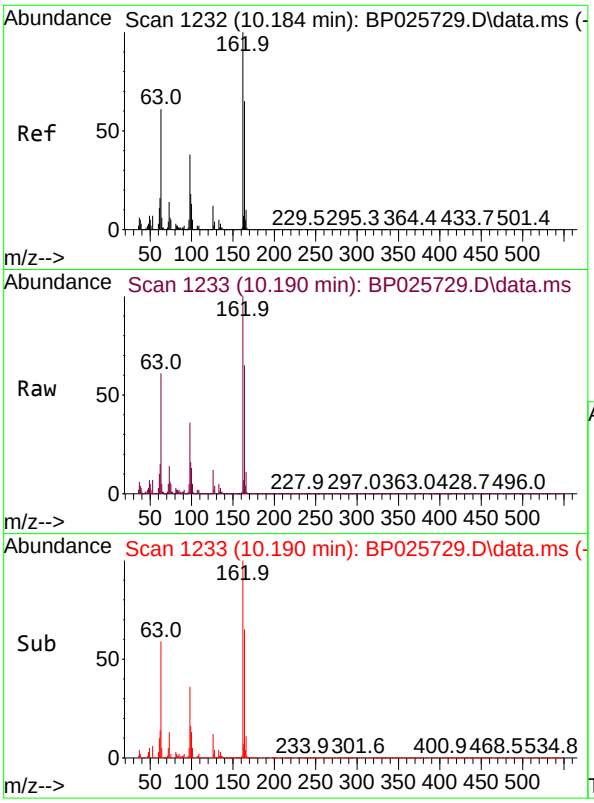


#28
bis(2-Chloroethoxy)methane
Concen: 43.278 ng
RT: 9.937 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 93 Resp: 615359

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.6	38.4
123	11.4	9.2	13.8

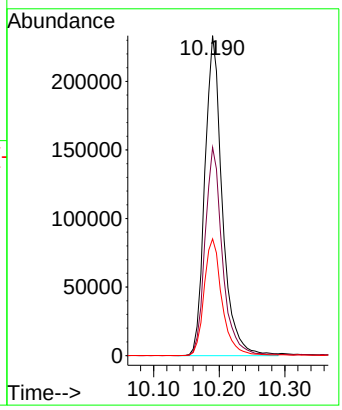




#29
2,4-Dichlorophenol
Concen: 44.201 ng
RT: 10.190 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:162 Resp: 43095

Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.7	84.7
98	36.5	18.1	58.1



Instrument :
BNA_P
ClientSampleId :
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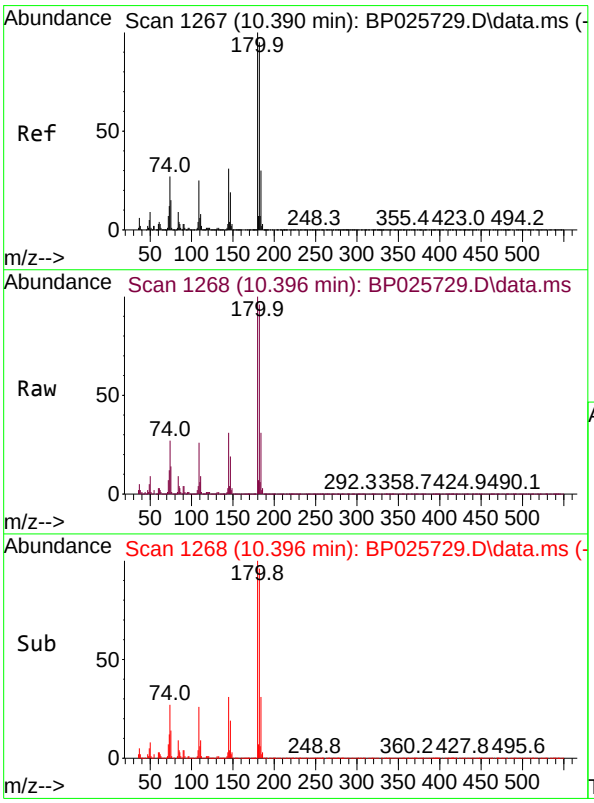
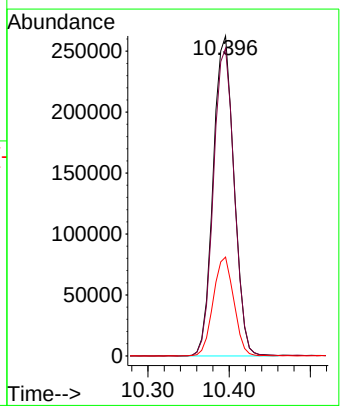
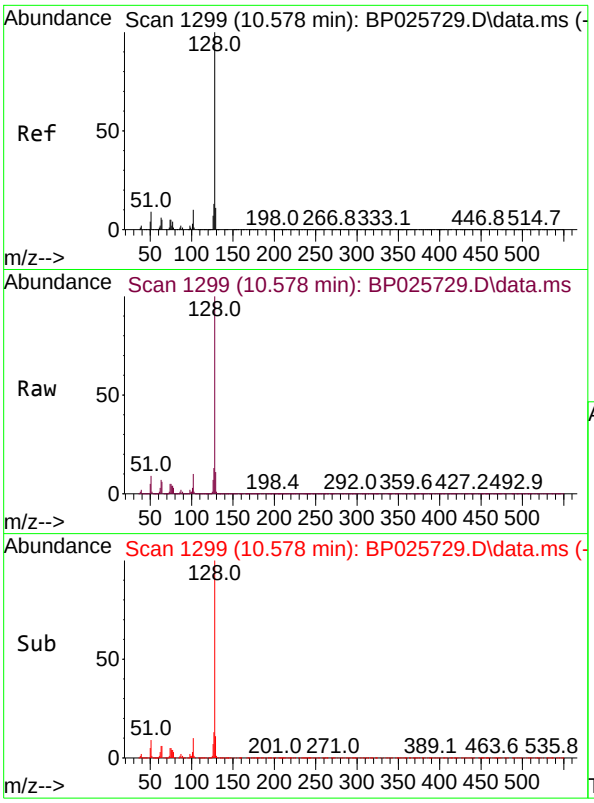


#30
1,2,4-Trichlorobenzene
Concen: 42.499 ng
RT: 10.396 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:180 Resp: 466981

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.0	114.0
145	30.9	24.7	37.1

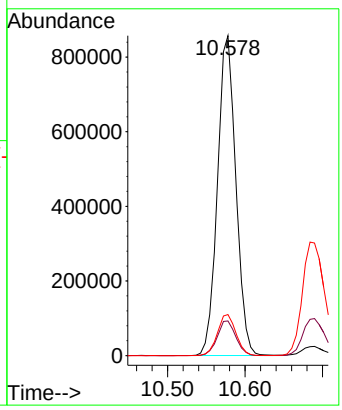




#31
Naphthalene
Concen: 42.548 ng
RT: 10.578 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:128 Resp: 141625

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	12.8	10.2	15.4



Instrument :
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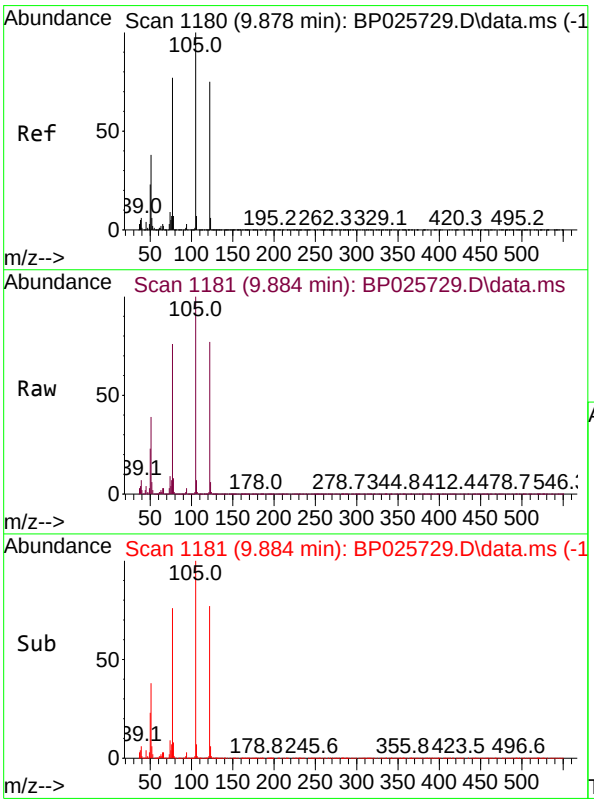
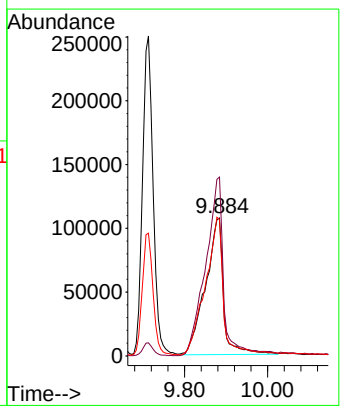
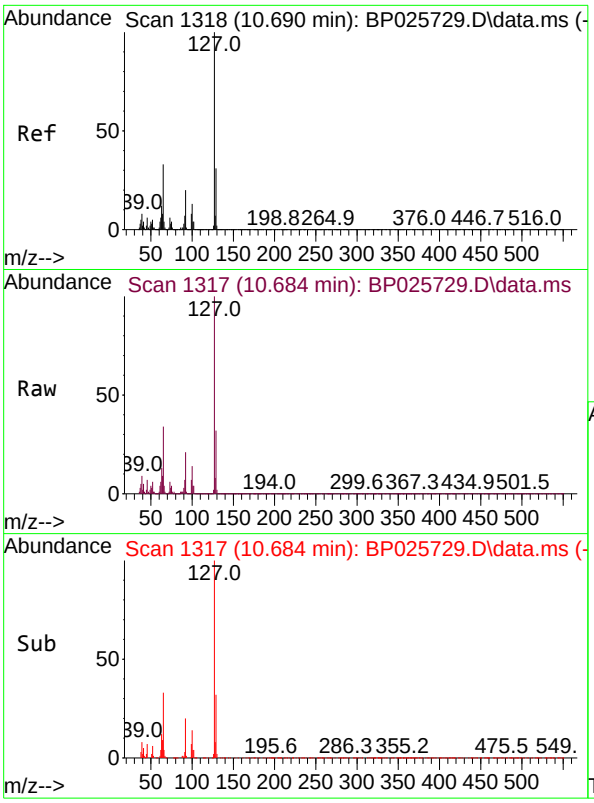


#32
Benzoic acid
Concen: 44.337 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:122 Resp: 322344

Ion	Ratio	Lower	Upper
122	100		
105	129.7	111.5	151.5
77	99.1	81.8	121.8

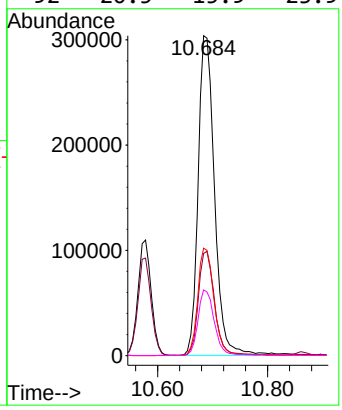




#33
4-Chloroaniline
Concen: 45.380 ng
RT: 10.684 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:127 Resp: 62960

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.1	37.7
65	33.6	26.4	39.6
92	20.5	15.9	23.9



Instrument :
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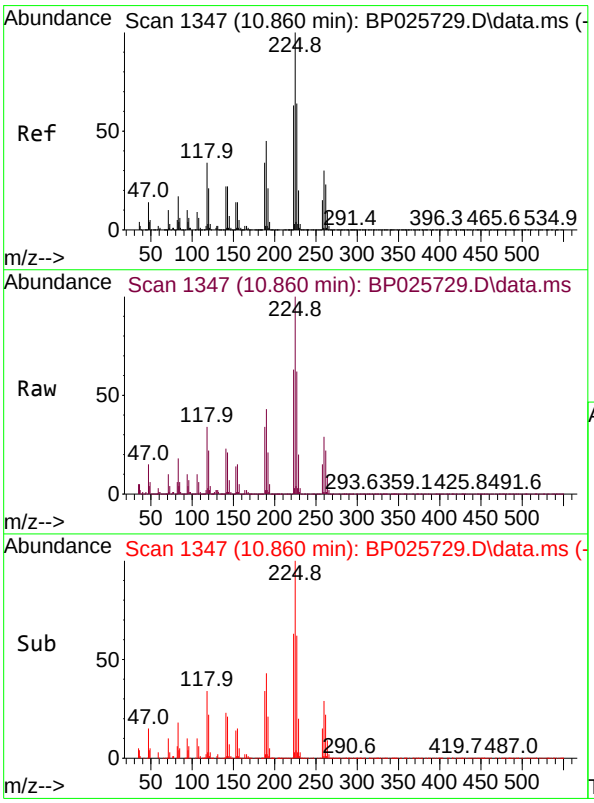
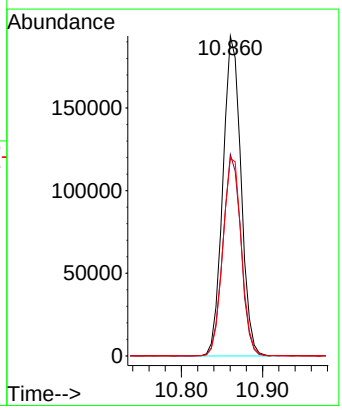
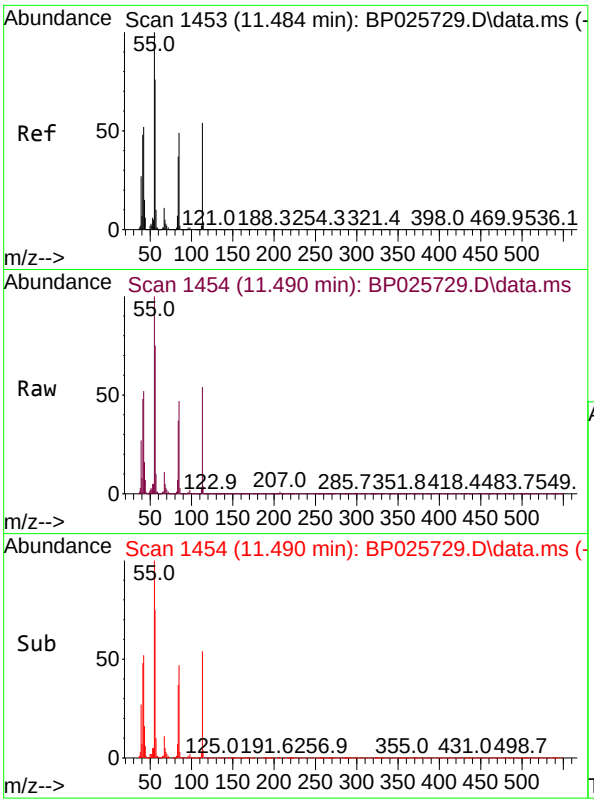


#34
Hexachlorobutadiene
Concen: 42.296 ng
RT: 10.860 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:225 Resp: 299180

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.1	75.1
227	61.7	51.2	76.8





#35
Caprolactam
Concen: 43.455 ng
RT: 11.490 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:113 Resp: 16298

Ion	Ratio	Lower	Upper
113	100		
55	185.3	165.5	205.5
56	138.5	121.1	161.1

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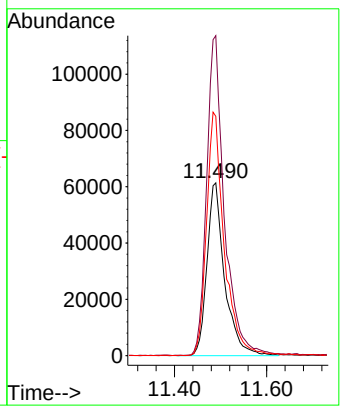
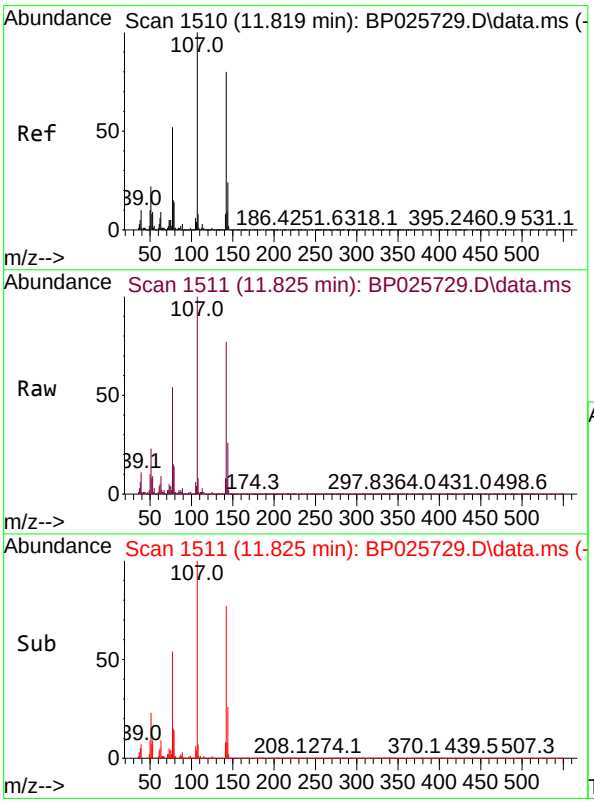
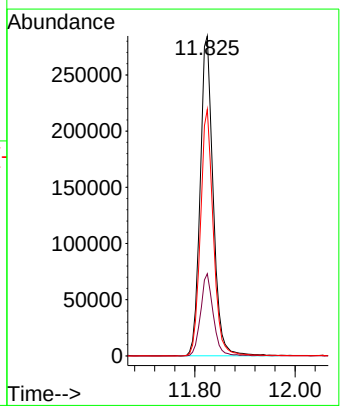


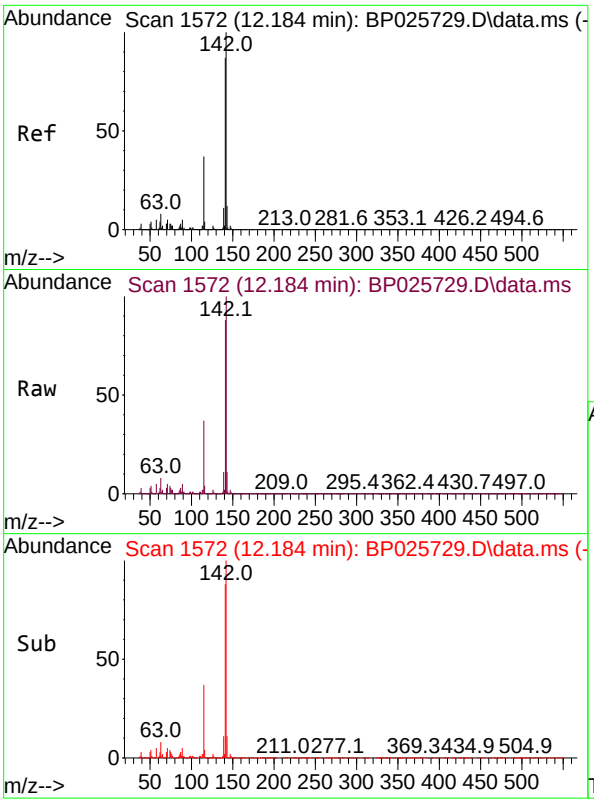


#36
4-Chloro-3-methylphenol
Concen: 44.012 ng
RT: 11.825 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:107 Resp: 511595

Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.4	29.2
142	77.1	63.8	95.6

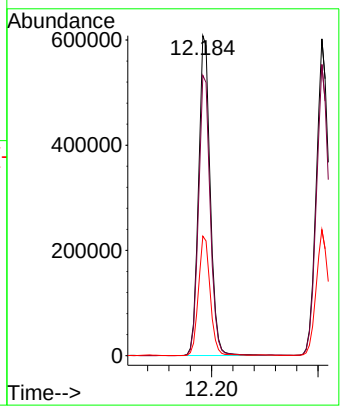




#37
2-Methylnaphthalene
Concen: 43.164 ng
RT: 12.184 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:142 Resp: 922799

Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.6	104.4
115	37.3	30.0	45.0



Instrument :
BNA_P
ClientSampleId :
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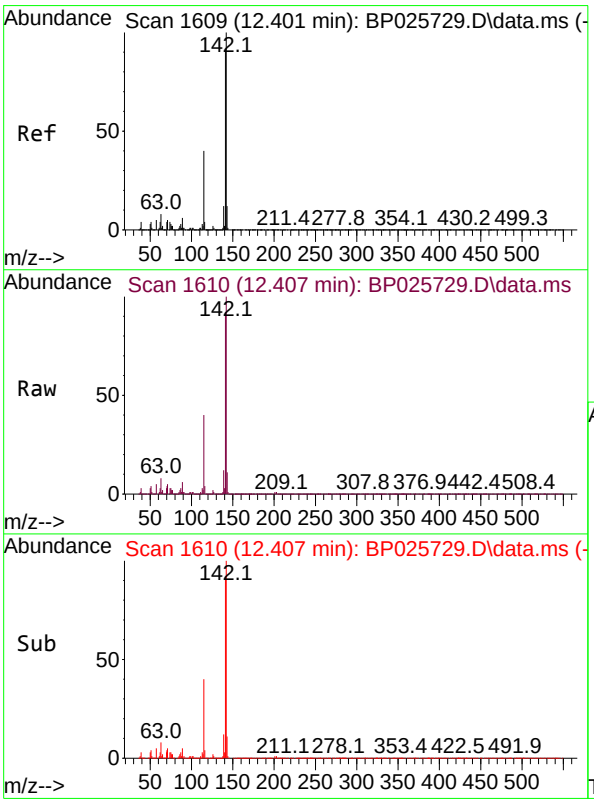
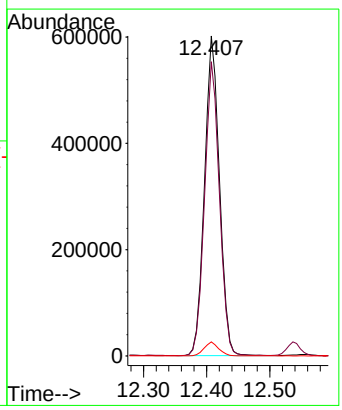
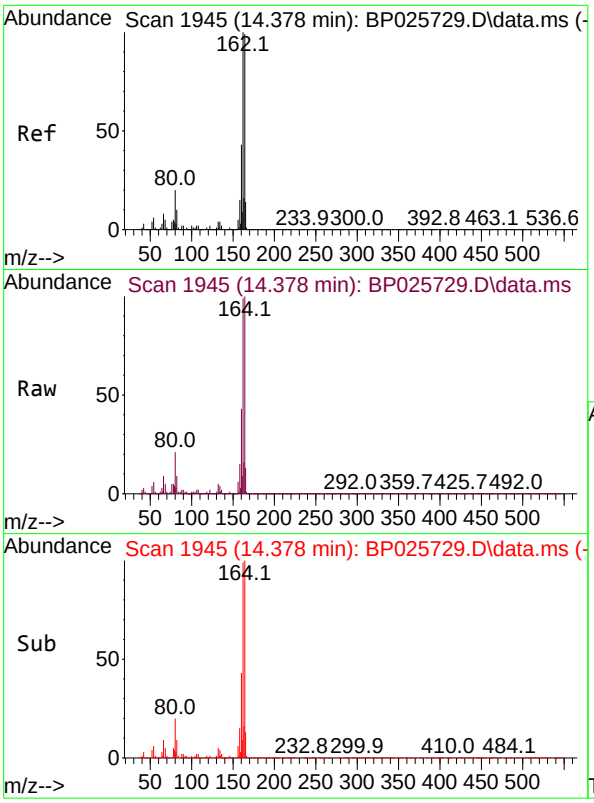


#38
1-Methylnaphthalene
Concen: 43.302 ng
RT: 12.407 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:142 Resp: 987208

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.7	109.1
116	4.4	3.5	5.3

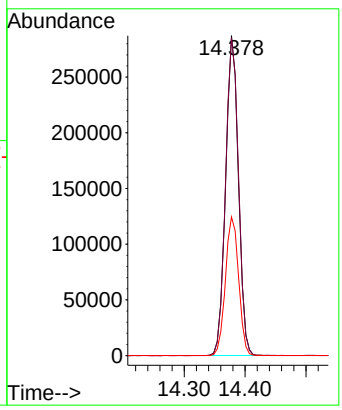




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:164 Resp: 418121

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.6	120.8
160	43.3	35.0	52.6



Instrument :
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ClientSampleId :
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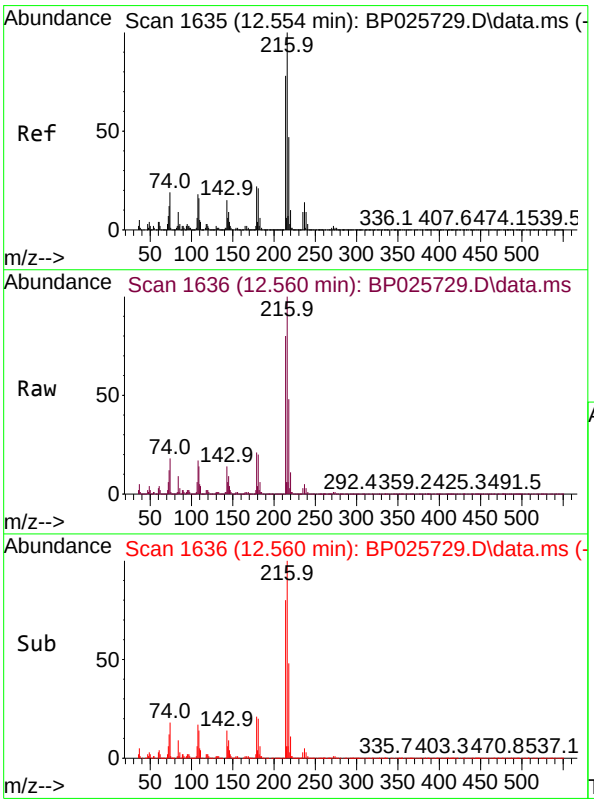
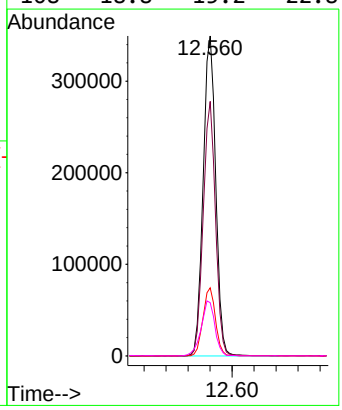
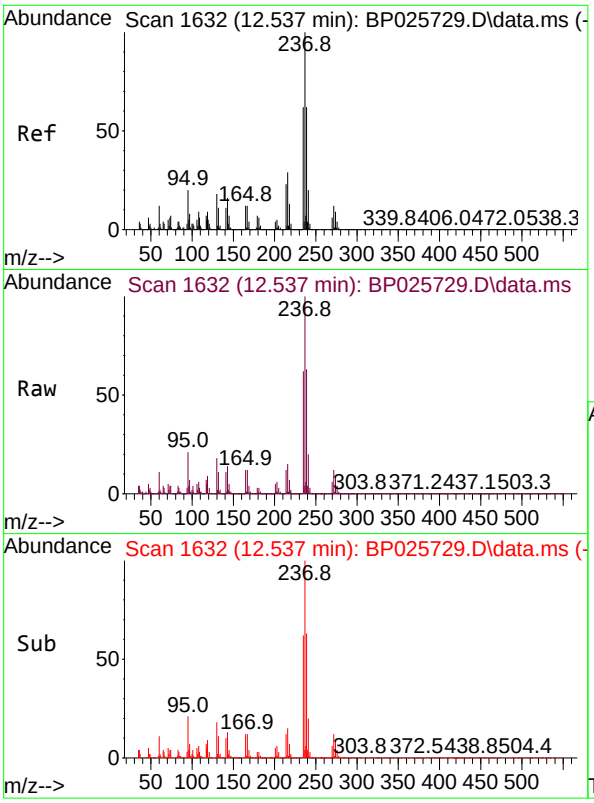


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.550 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:216 Resp: 551785

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.4	93.6
179	21.3	17.0	25.6
108	18.8	15.2	22.8

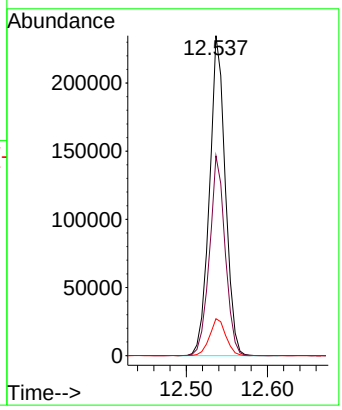




#41
Hexachlorocyclopentadiene
Concen: 46.055 ng
RT: 12.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:237 Resp: 31781

Ion	Ratio	Lower	Upper
237	100		
235	62.4	41.9	81.9
272	11.5	0.0	31.8



Instrument :
BNA_P
ClientSampleId :
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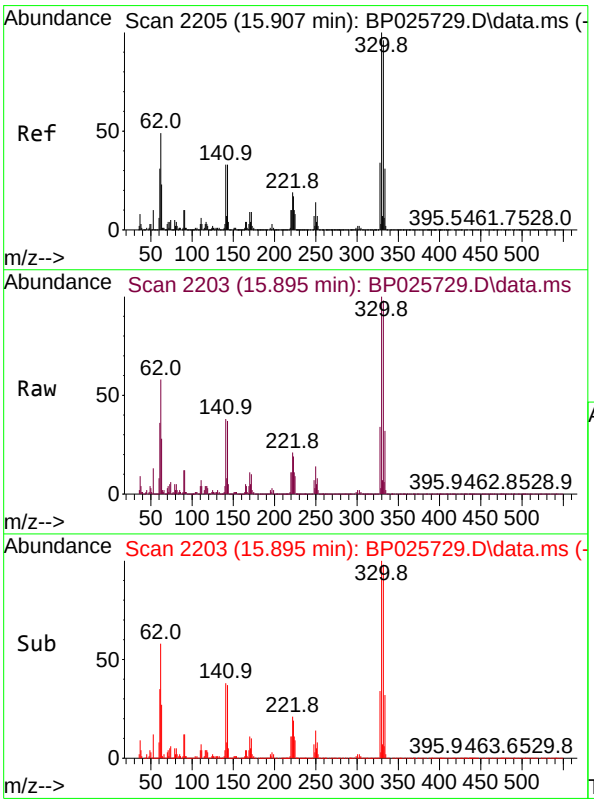
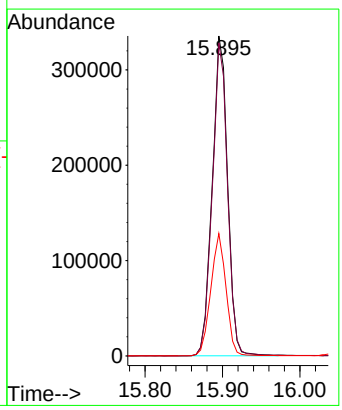
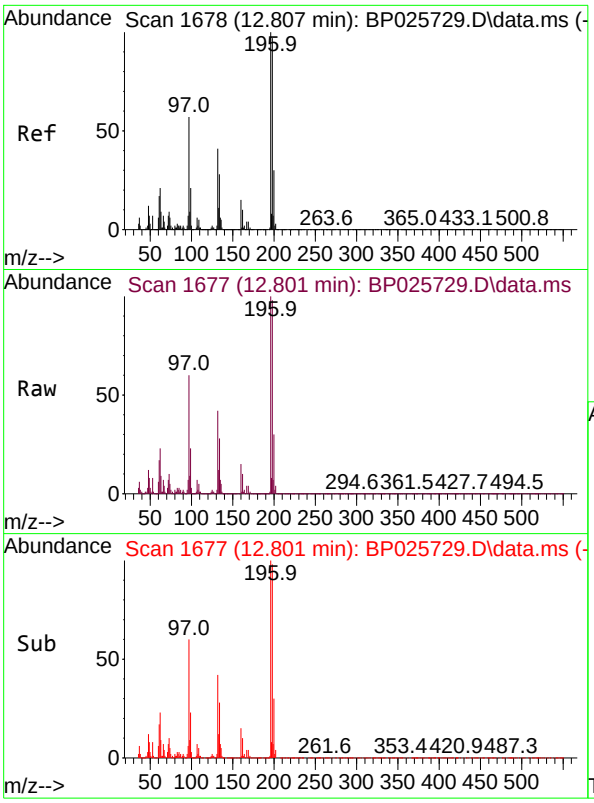


#42
2,4,6-Tribromophenol
Concen: 88.699 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:330 Resp: 462583

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	38.0	31.0	46.4

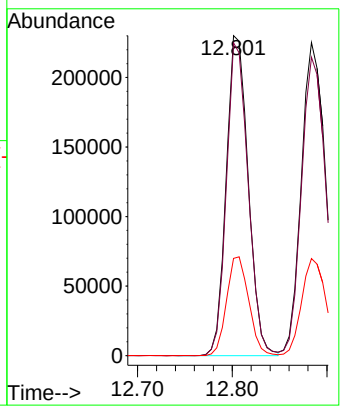




#43
2,4,6-Trichlorophenol
Concen: 44.726 ng
RT: 12.801 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:196 Resp: 37254

Ion	Ratio	Lower	Upper
196	100		
198	97.7	77.2	115.8
200	30.4	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
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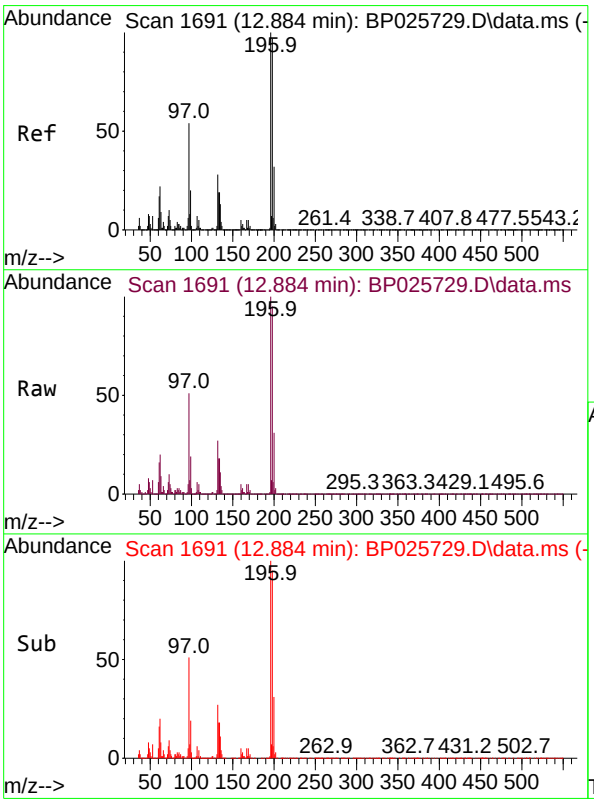
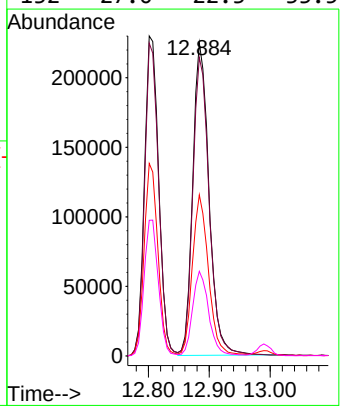
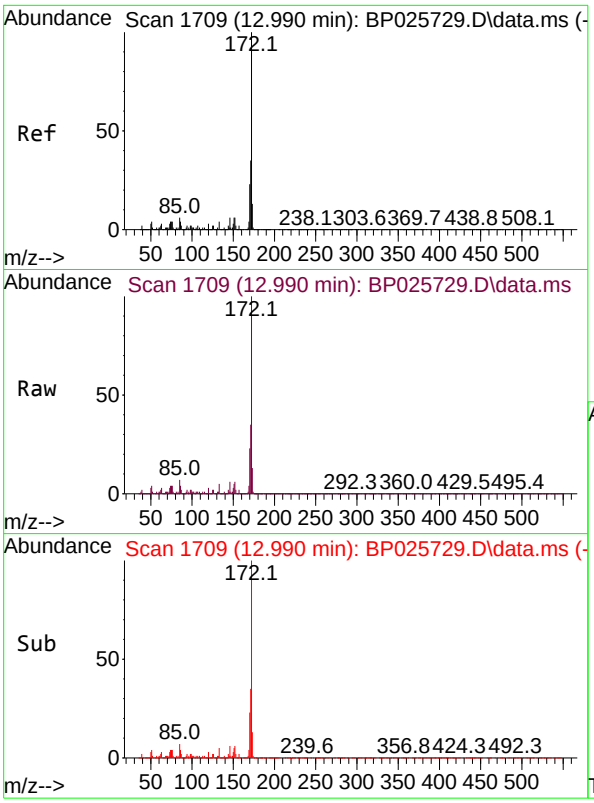


#44
2,4,5-Trichlorophenol
Concen: 45.167 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:196 Resp: 418700

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.8	116.8
97	51.4	43.3	64.9
132	27.0	22.3	33.5

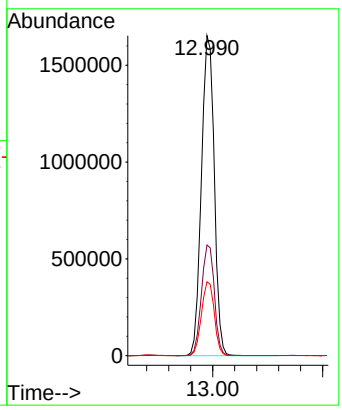




#45
2-Fluorobiphenyl
Concen: 85.008 ng
RT: 12.990 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:172 Resp: 266944

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.1	18.6	27.8



Instrument :
BNA_P
ClientSampleId :
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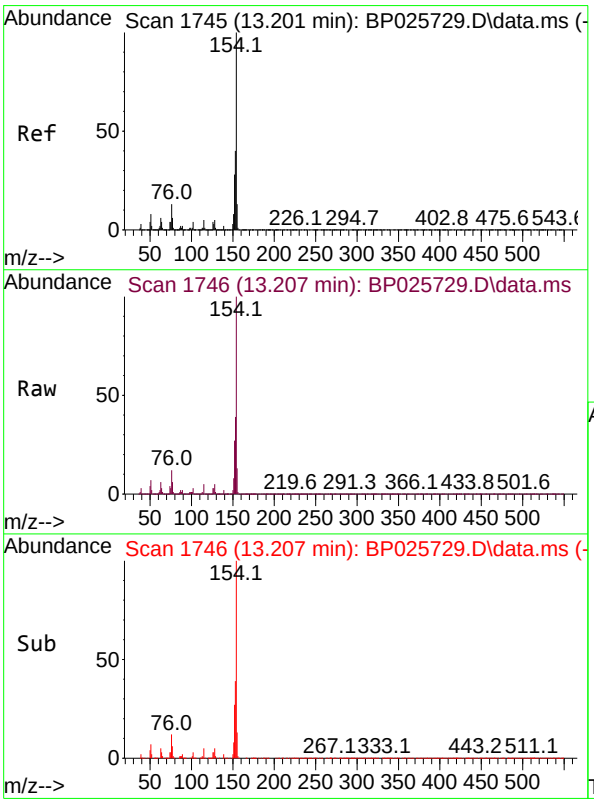
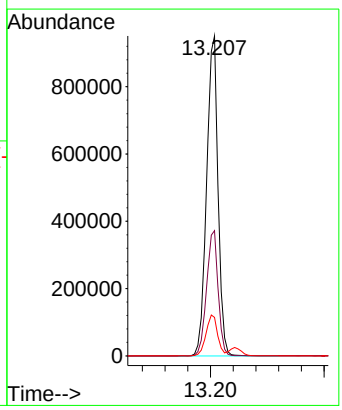
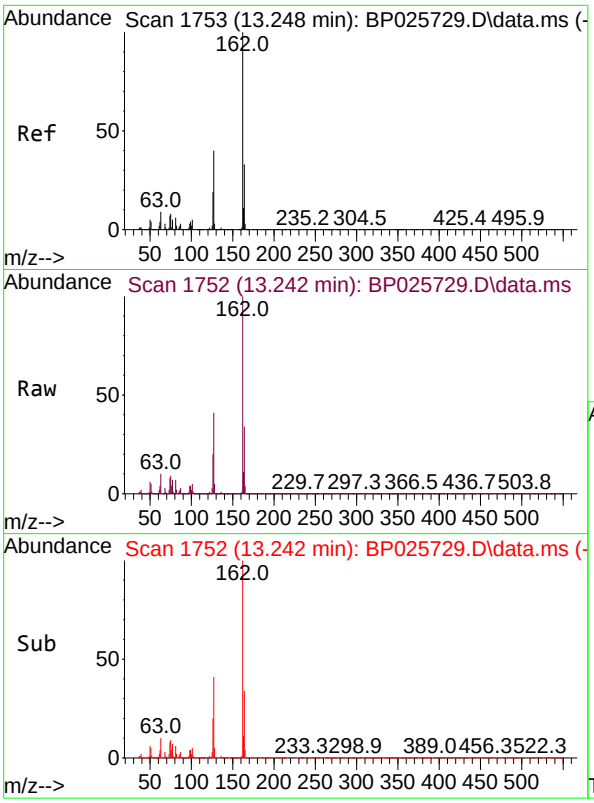


#46
1,1'-Biphenyl
Concen: 43.254 ng
RT: 13.207 min Scan# 1746
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:154 Resp: 1327491

Ion	Ratio	Lower	Upper
154	100		
153	39.1	19.7	59.7
76	12.0	0.0	33.3

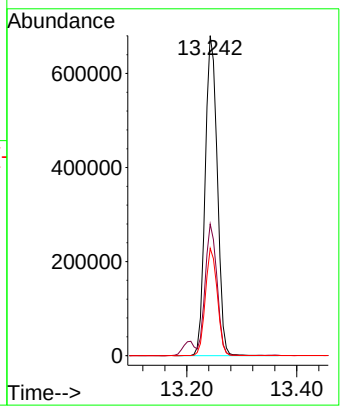




#47
2-Chloronaphthalene
Concen: 42.913 ng
RT: 13.242 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:162 Resp: 103701

Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.2	48.4
164	33.5	26.5	39.7



Instrument :
BNA_P
ClientSampleId :
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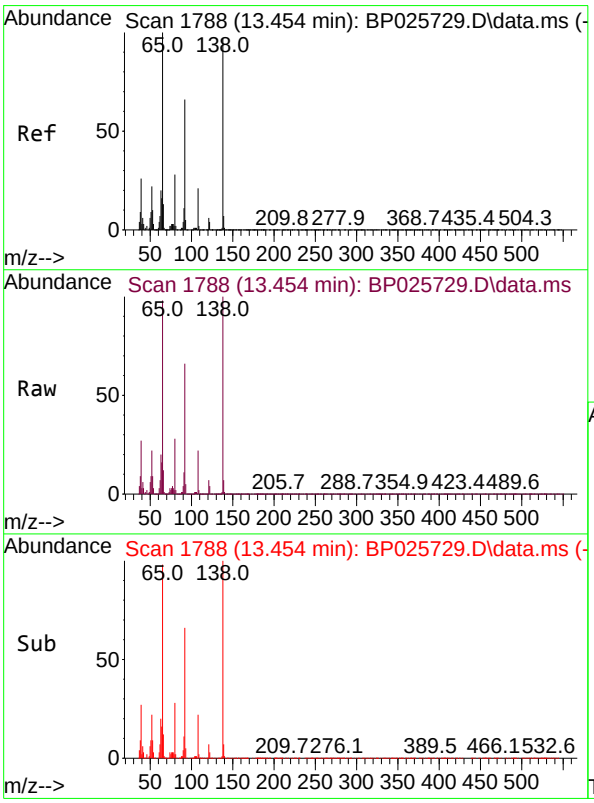
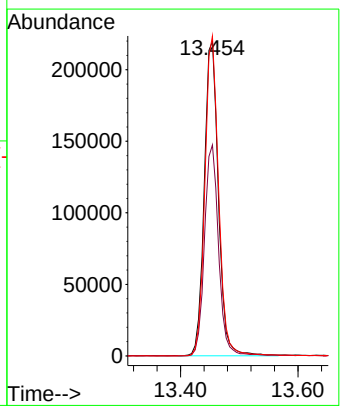
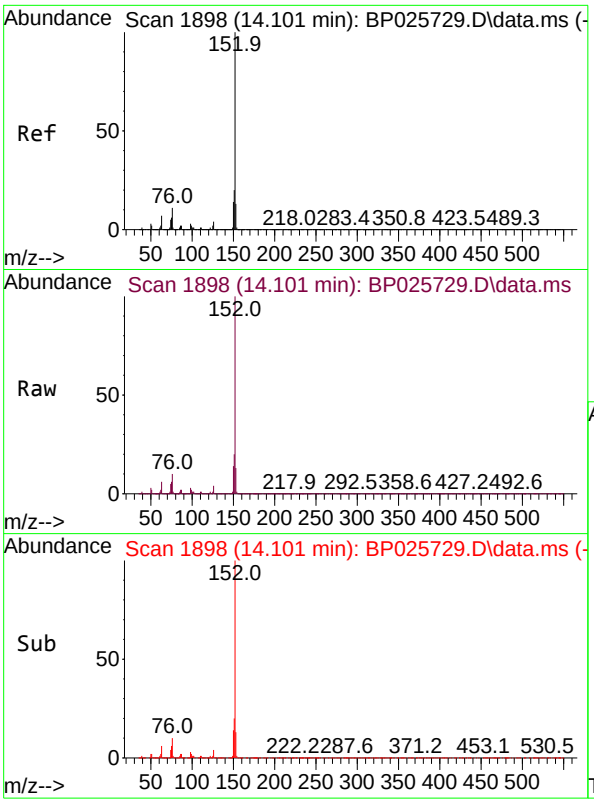


#48
2-Nitroaniline
Concen: 45.547 ng
RT: 13.454 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 65 Resp: 366901

Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.1	79.7
138	101.8	77.8	116.8

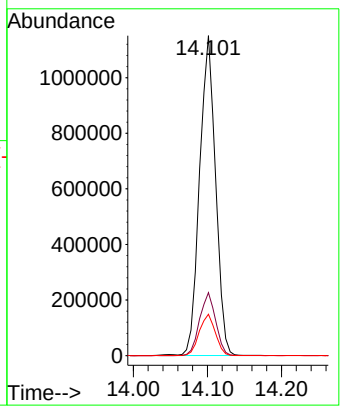




#49
Acenaphthylene
Concen: 42.987 ng
RT: 14.101 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:152 Resp: 172116

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	12.9	10.5	15.7



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ClientSampleId :
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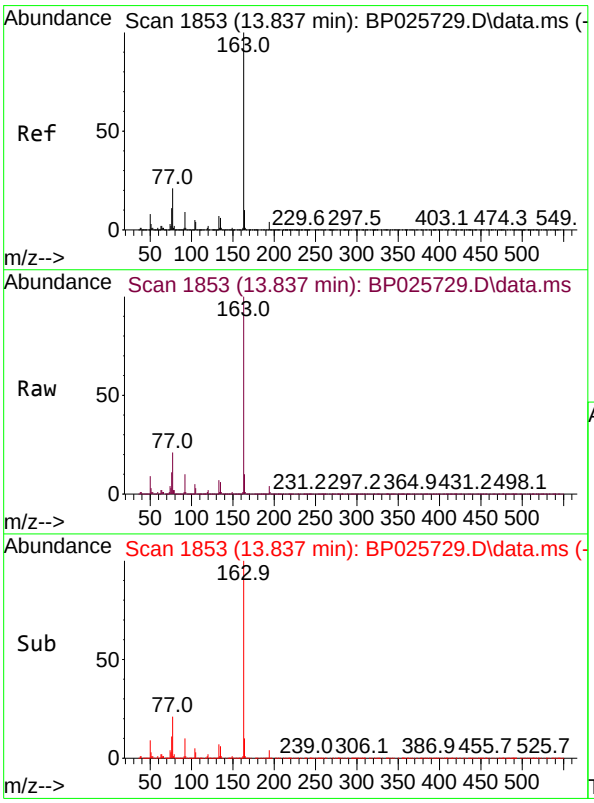
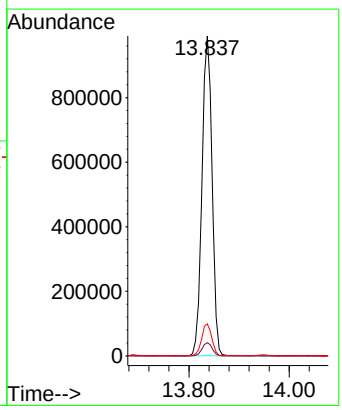
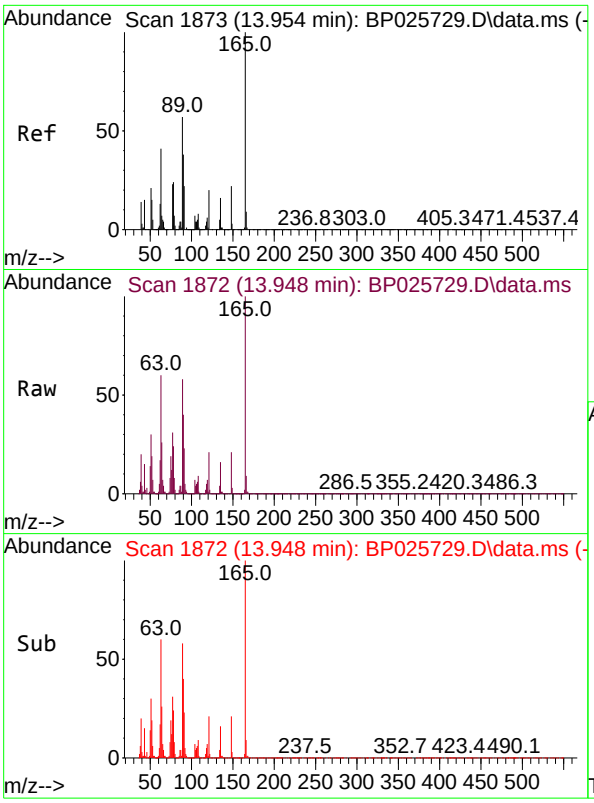


#50
Dimethylphthalate
Concen: 43.460 ng
RT: 13.837 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:163 Resp: 1387323

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.0	8.2	12.2

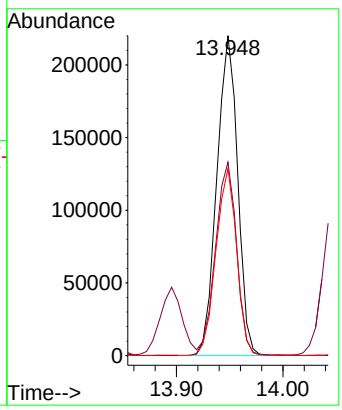




#51
2,6-Dinitrotoluene
Concen: 44.293 ng
RT: 13.948 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:165 Resp: 29956

Ion	Ratio	Lower	Upper
165	100		
63	60.4	48.1	72.1
89	58.5	45.4	68.0



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ClientSampleId :
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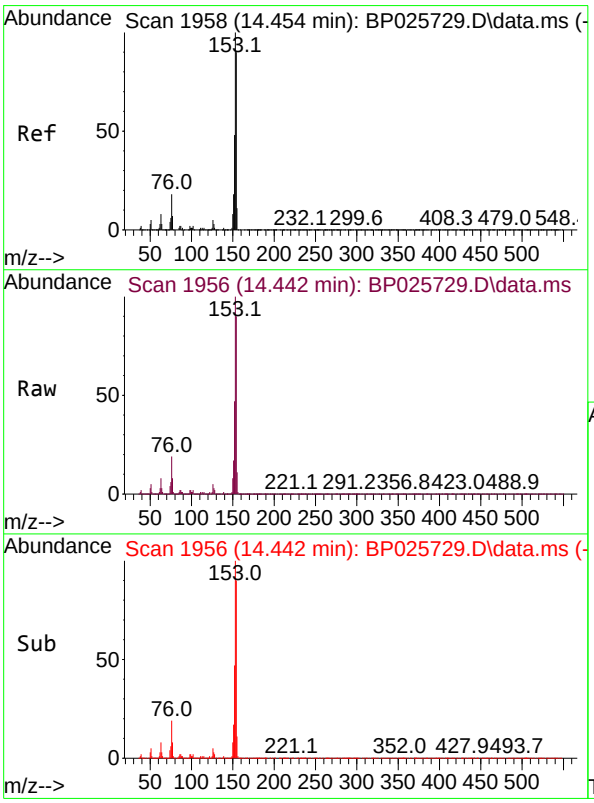
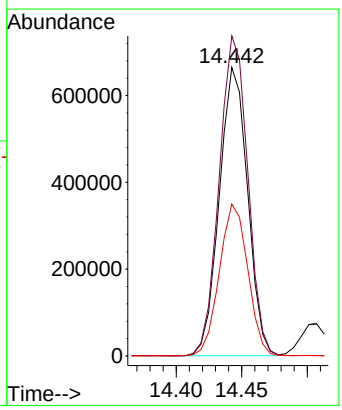
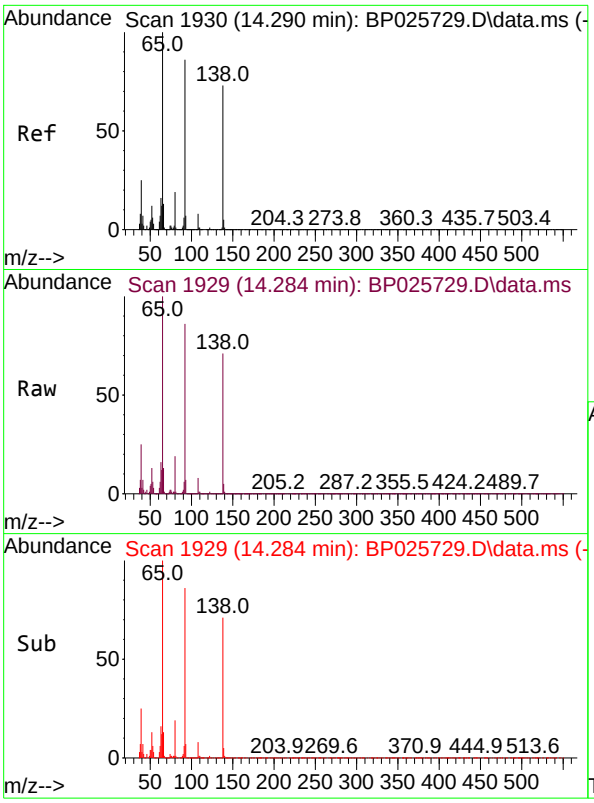


#52
Acenaphthene
Concen: 43.262 ng
RT: 14.442 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:154 Resp: 998942

Ion	Ratio	Lower	Upper
154	100		
153	111.0	89.4	134.0
152	52.6	42.5	63.7

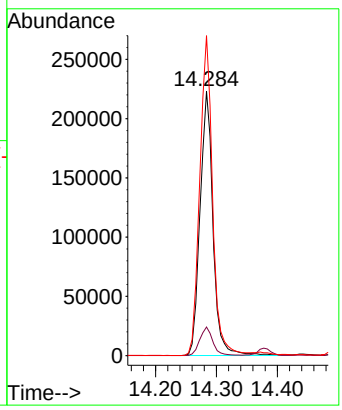




#53
3-Nitroaniline
Concen: 46.320 ng
RT: 14.284 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:138 Resp: 32943

Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	121.1	94.6	142.0



Instrument :
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ClientSampleId :
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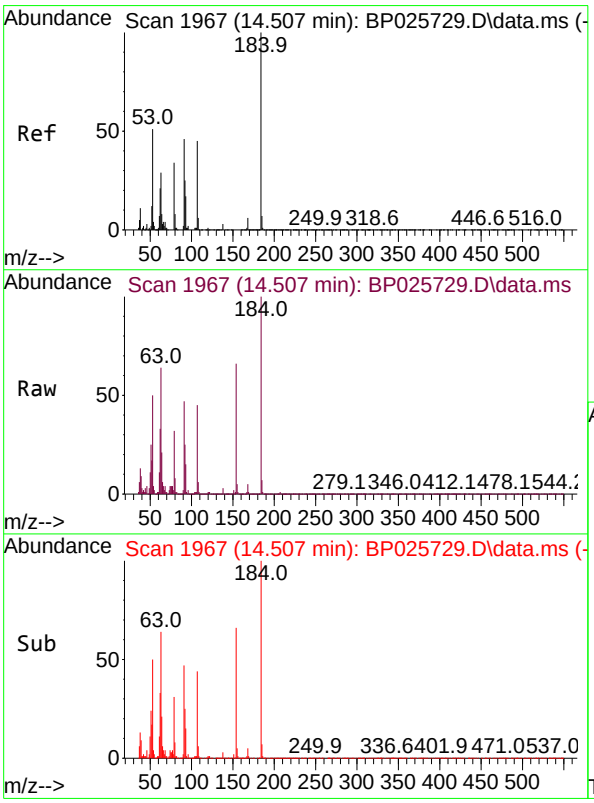
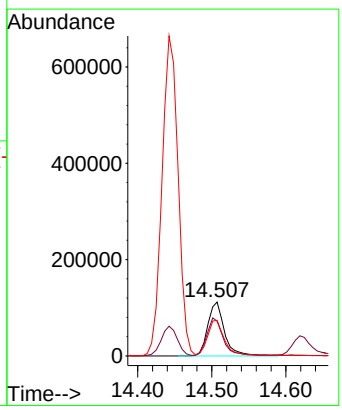
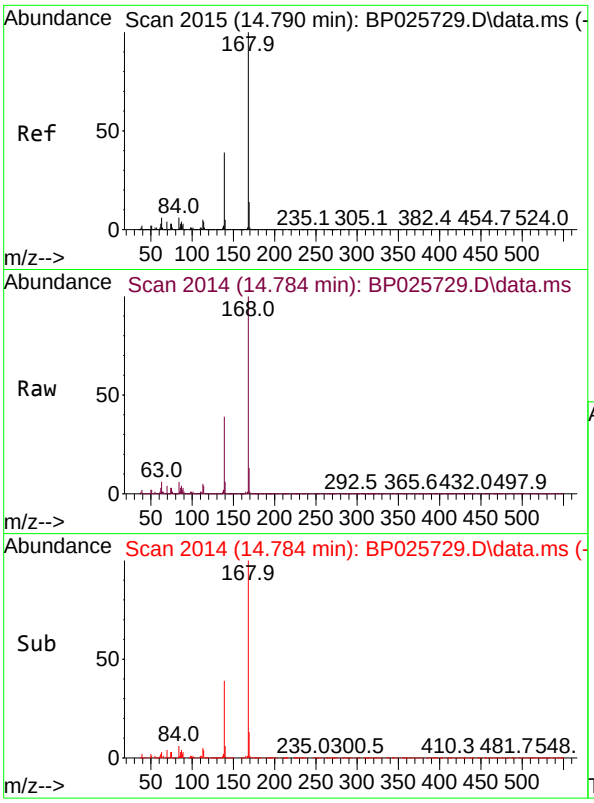


#54
2,4-Dinitrophenol
Concen: 42.110 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:184 Resp: 174477

Ion	Ratio	Lower	Upper
184	100		
63	64.2	52.5	78.7
154	66.1	51.5	77.3

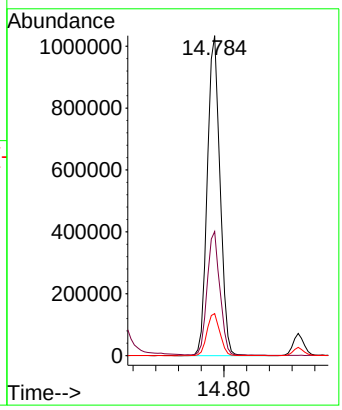




#55
Dibenzofuran
Concen: 42.712 ng
RT: 14.784 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:168 Resp: 160741

Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.7	47.5
169	13.1	10.8	16.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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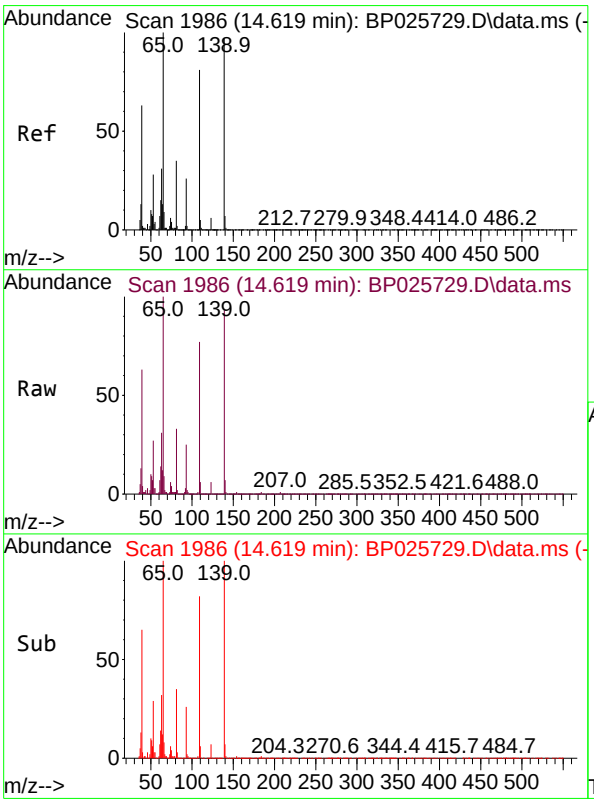
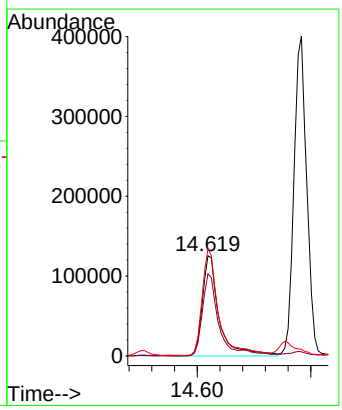
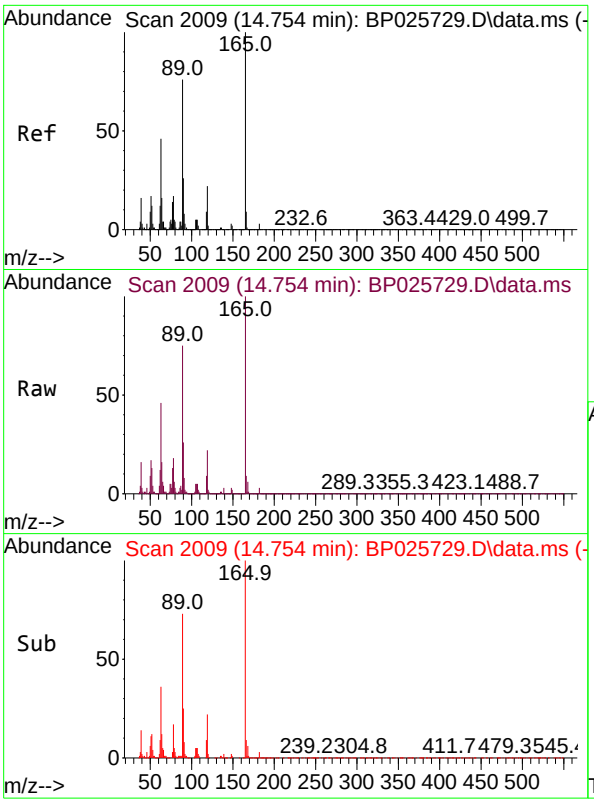


#56
4-Nitrophenol
Concen: 44.044 ng
RT: 14.619 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:139 Resp: 256685

Ion	Ratio	Lower	Upper
139	100		
109	82.0	62.9	102.9
65	107.0	83.4	123.4

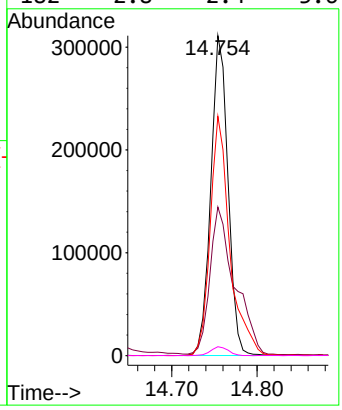




#57
2,4-Dinitrotoluene
Concen: 45.264 ng
RT: 14.754 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:165 Resp: 43566

Ion	Ratio	Lower	Upper
165	100		
63	46.4	37.7	56.5
89	74.8	61.0	91.6
182	2.8	2.4	3.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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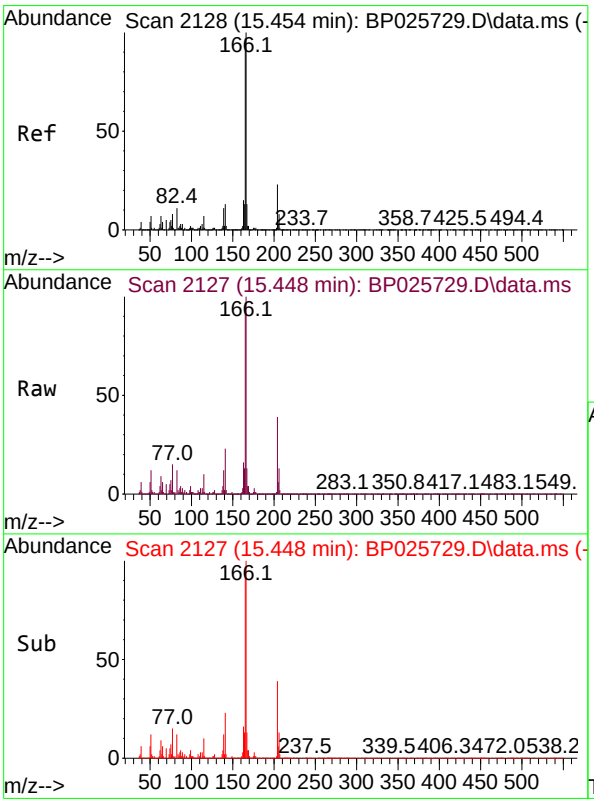
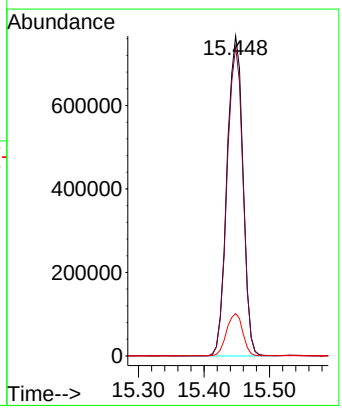
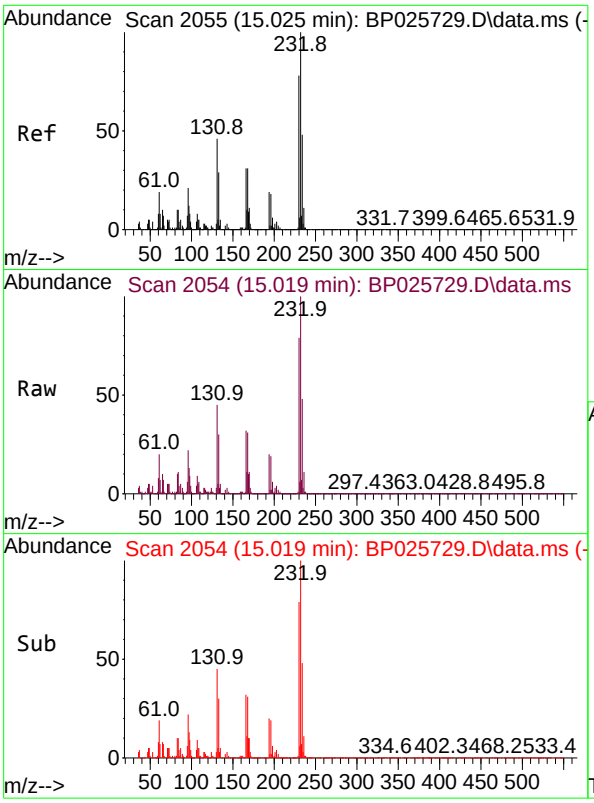


#58
Fluorene
Concen: 43.194 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:166 Resp: 1292575

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.7	116.5
167	13.2	10.6	16.0

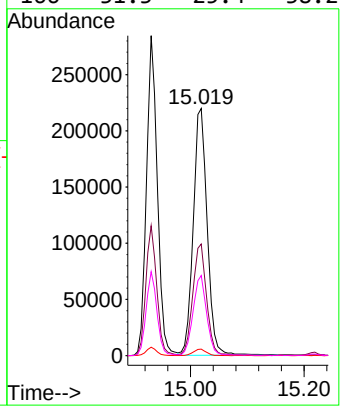




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.710 ng
RT: 15.019 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:232 Resp: 373358

Ion	Ratio	Lower	Upper
232	100		
131	44.2	36.7	55.1
130	2.5	2.0	3.0
166	31.3	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
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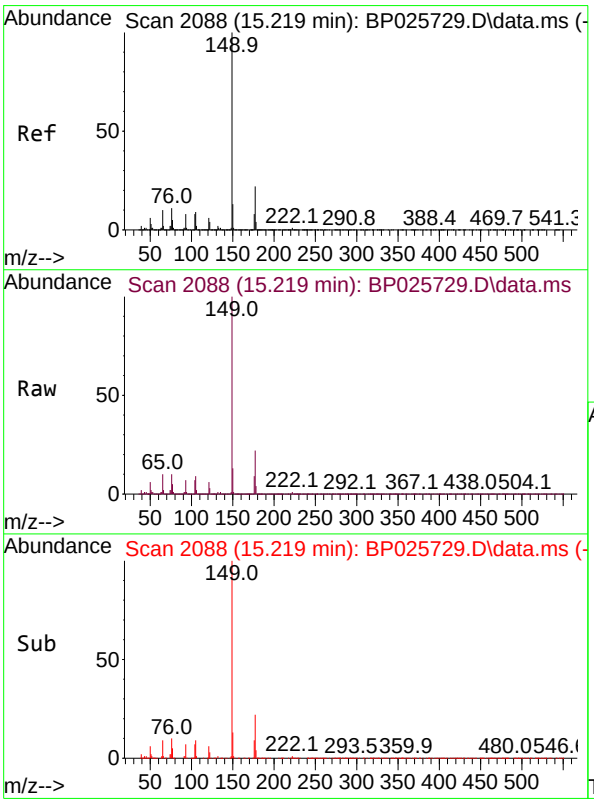
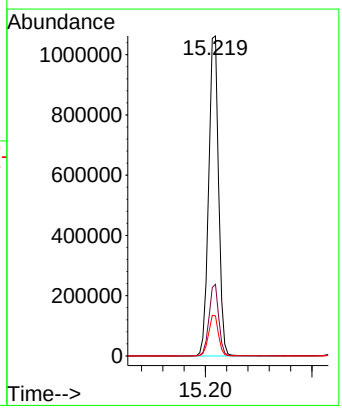
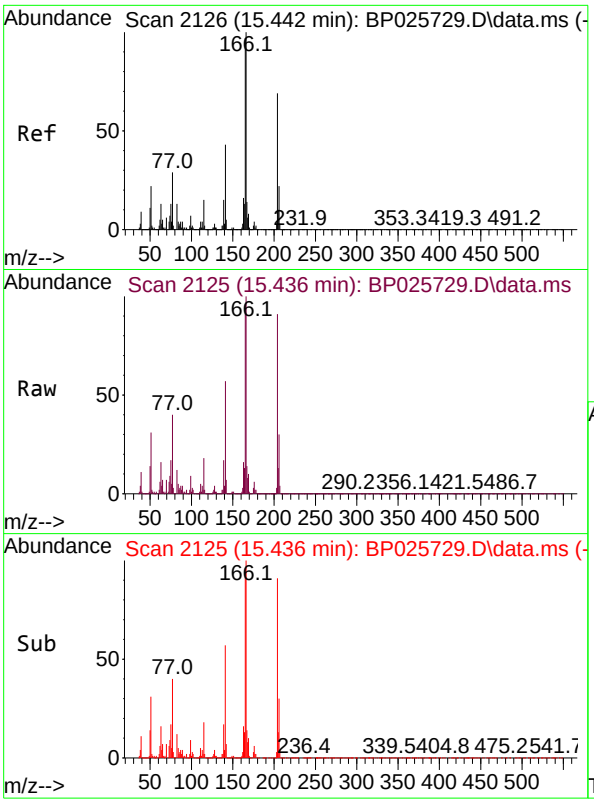


#60
Diethylphthalate
Concen: 42.459 ng
RT: 15.219 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:149 Resp: 1374845

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.7	26.5
150	12.5	10.0	15.0

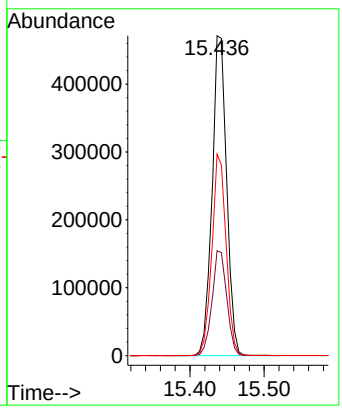




#61
4-Chlorophenyl-phenylether
Concen: 42.637 ng
RT: 15.436 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:204 Resp: 64303

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.0	39.0
141	62.9	49.7	74.5



Instrument :
BNA_P
ClientSampleId :
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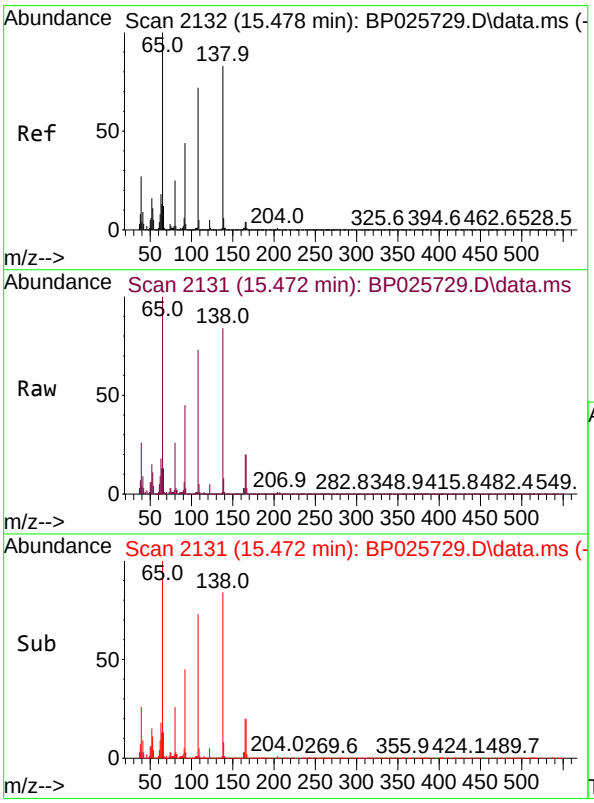
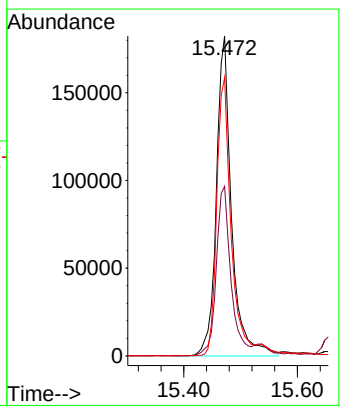
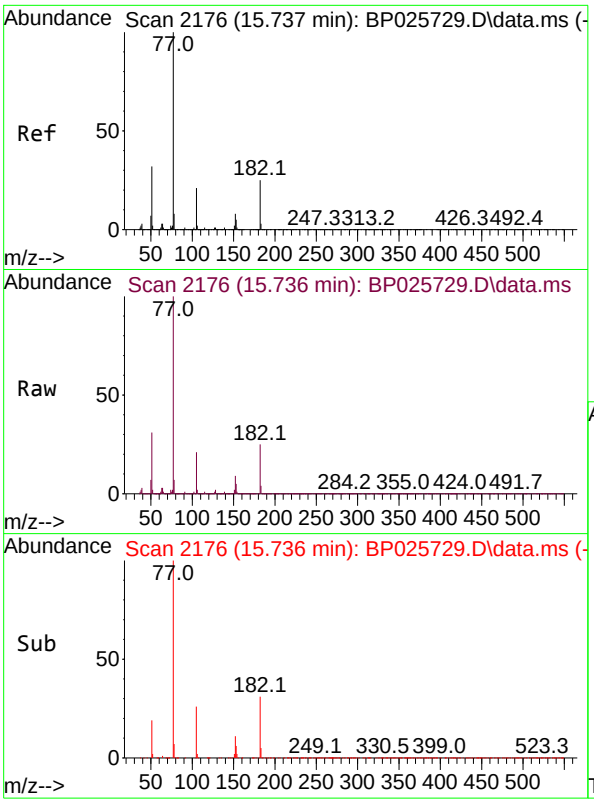


#62
4-Nitroaniline
Concen: 46.442 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:138 Resp: 338121

Ion	Ratio	Lower	Upper
138	100		
92	53.0	33.3	73.3
108	87.0	66.7	106.7

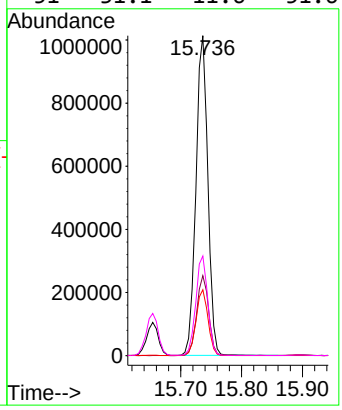




#63
Azobenzene
Concen: 43.872 ng
RT: 15.736 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 77 Resp: 137360

Ion	Ratio	Lower	Upper
77	100		
182	25.0	5.2	45.2
105	20.6	1.1	41.1
51	31.1	11.6	51.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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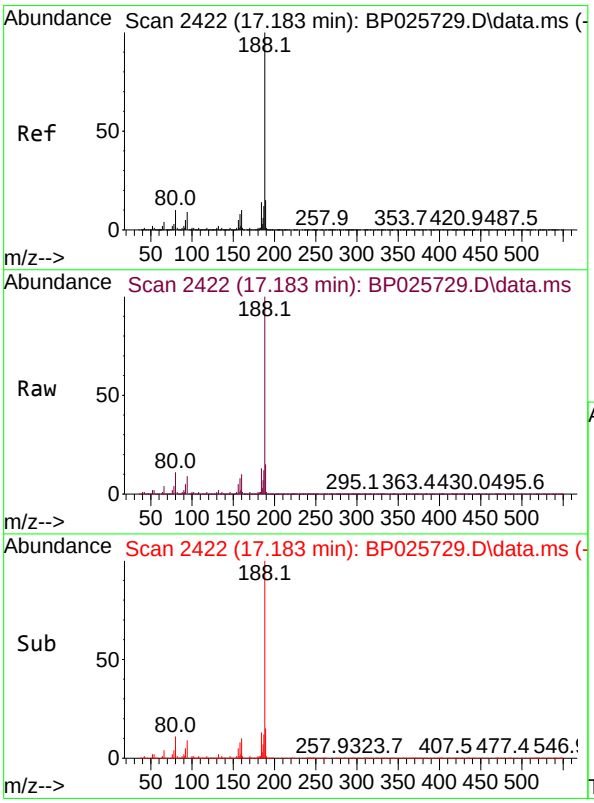
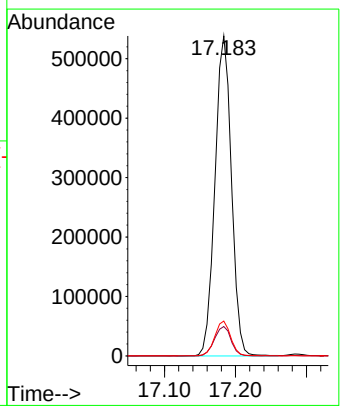
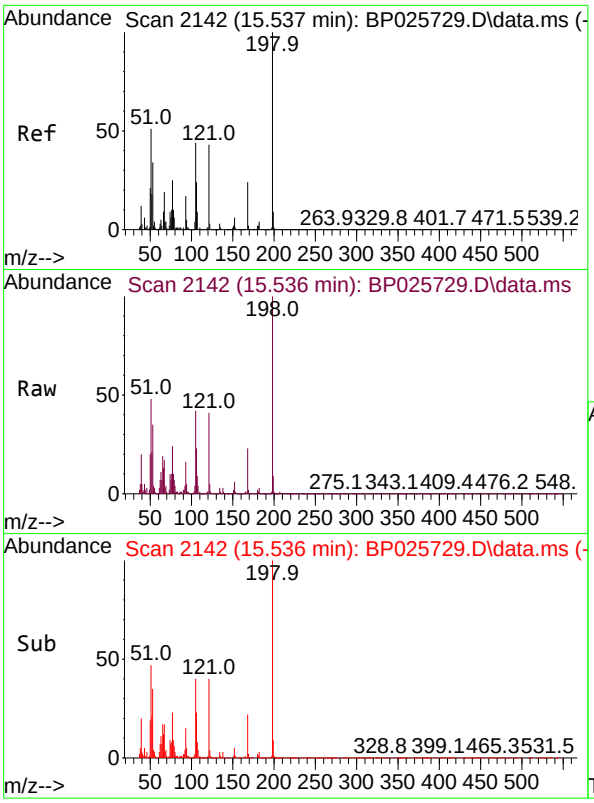


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:188 Resp: 868840

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.0
80	10.9	7.7	11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 45.293 ng
RT: 15.536 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:198 Resp: 261709

Ion	Ratio	Lower	Upper
198	100		
51	47.5	33.4	73.4
105	42.4	24.3	64.3

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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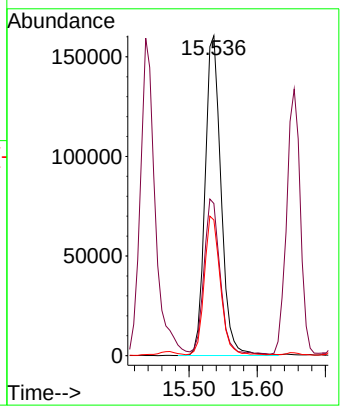
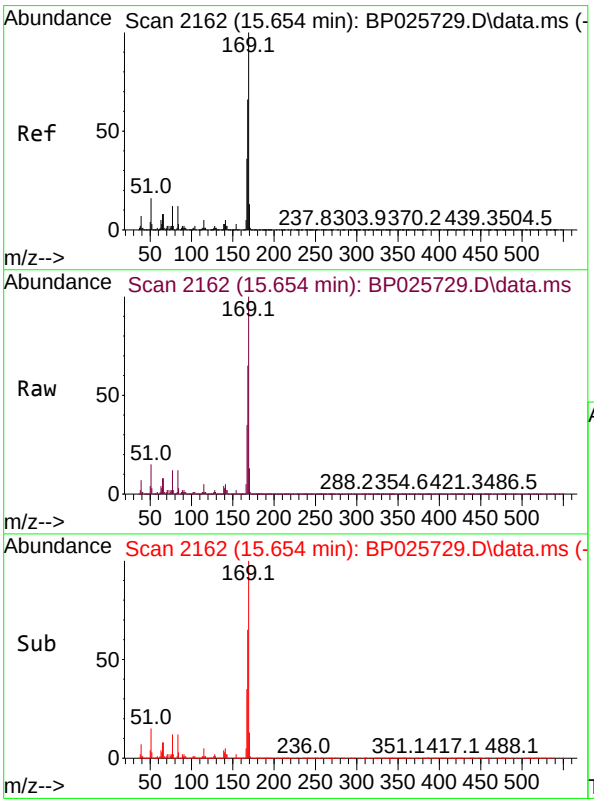
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

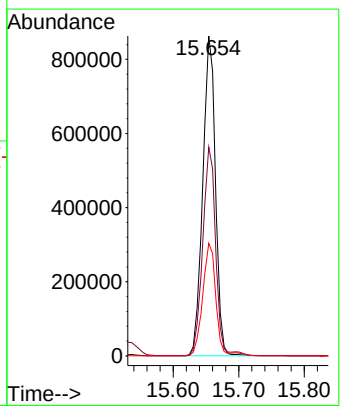


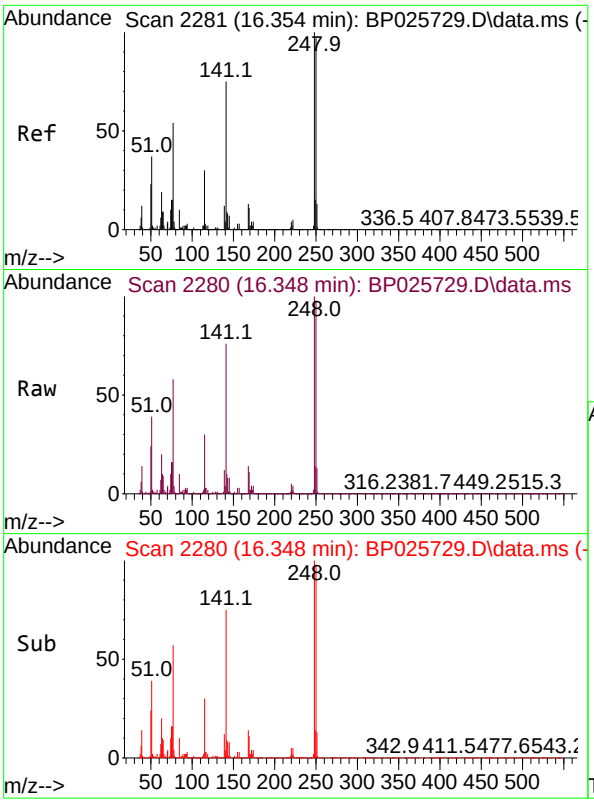


#66
n-Nitrosodiphenylamine
Concen: 43.383 ng
RT: 15.654 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:169 Resp: 1153503

Ion	Ratio	Lower	Upper
169	100		
168	65.3	52.6	78.8
167	35.2	28.5	42.7

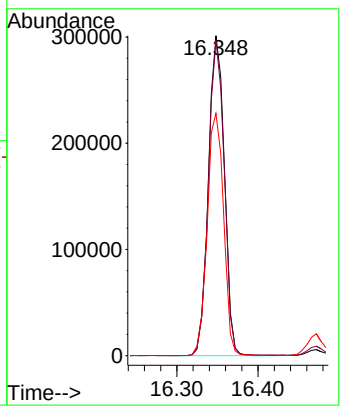




#67
4-Bromophenyl-phenylether
Concen: 43.298 ng
RT: 16.348 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:248 Resp: 41327

Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.5	116.3
141	75.7	60.2	90.4



Instrument :
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ClientSampleId :
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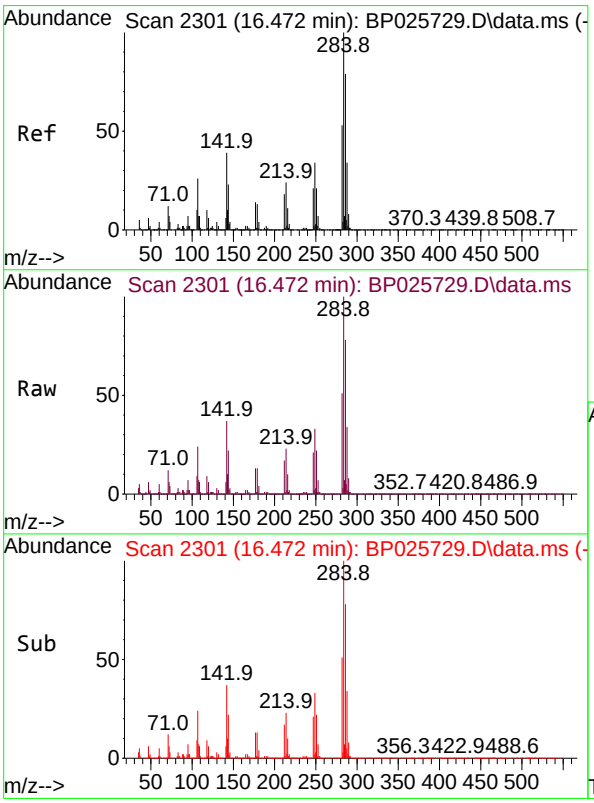
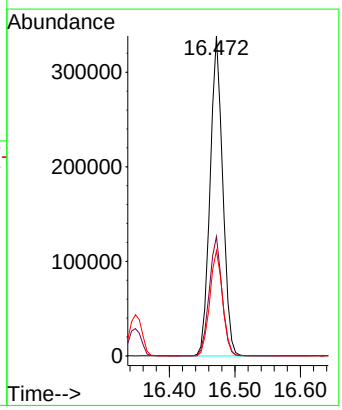
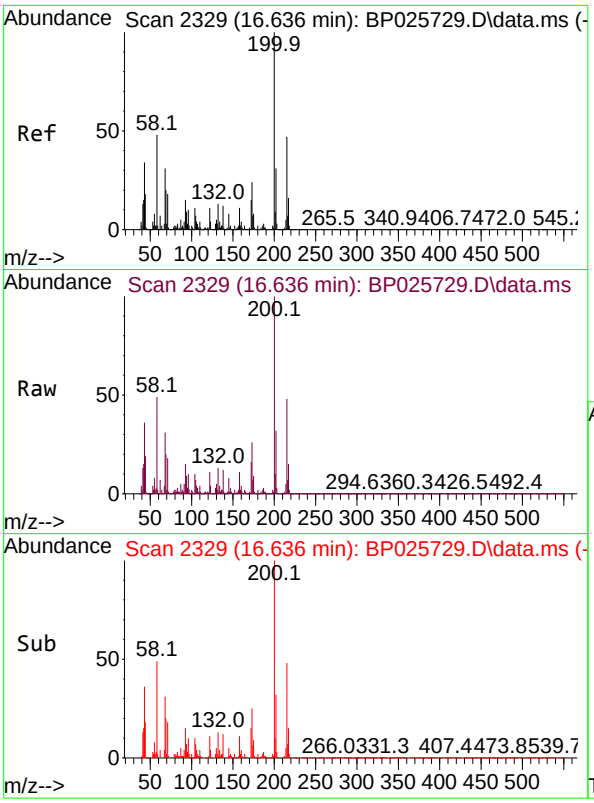


#68
Hexachlorobenzene
Concen: 42.564 ng
RT: 16.472 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:284 Resp: 453064

Ion	Ratio	Lower	Upper
284	100		
142	37.3	31.3	46.9
249	32.9	27.3	40.9

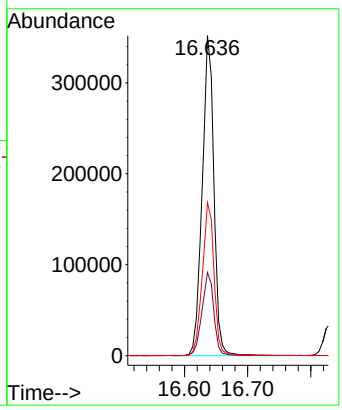




#69
Atrazine
Concen: 44.392 ng
RT: 16.636 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:200 Resp: 45117

Ion	Ratio	Lower	Upper
200	100		
173	26.0	4.2	44.2
215	47.8	27.3	67.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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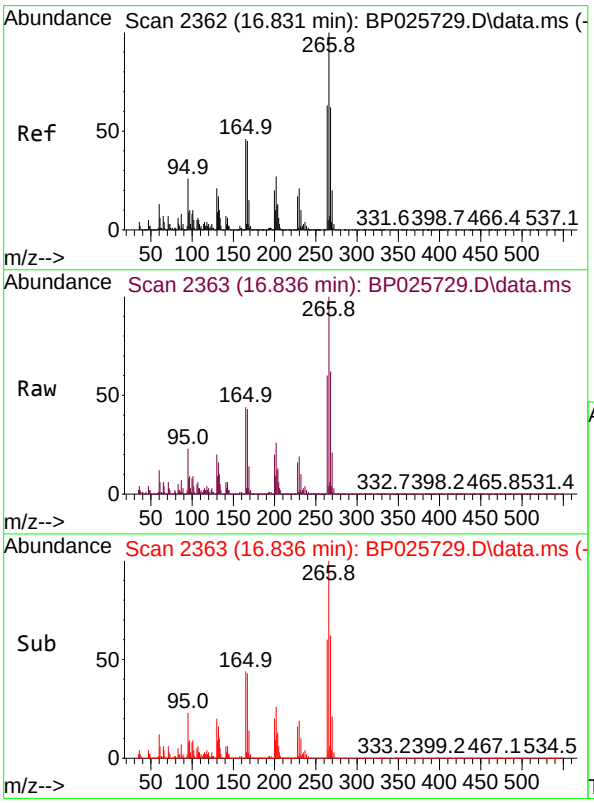
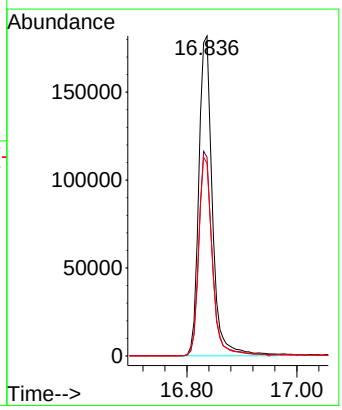
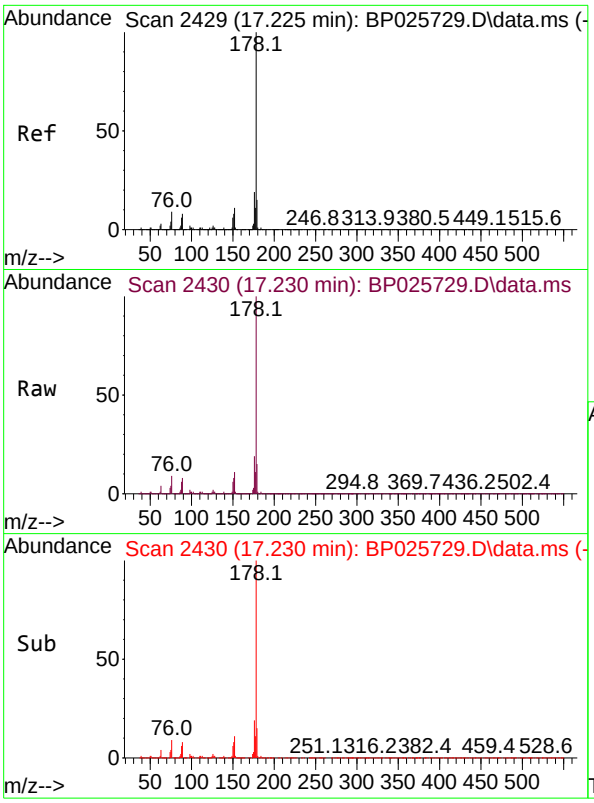


#70
Pentachlorophenol
Concen: 44.297 ng
RT: 16.836 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:266 Resp: 311192

Ion	Ratio	Lower	Upper
266	100		
268	62.1	49.8	74.8
264	60.2	50.2	75.2





#71
Phenanthrene
Concen: 42.751 ng
RT: 17.230 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:178 Resp: 210699

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.2	18.4

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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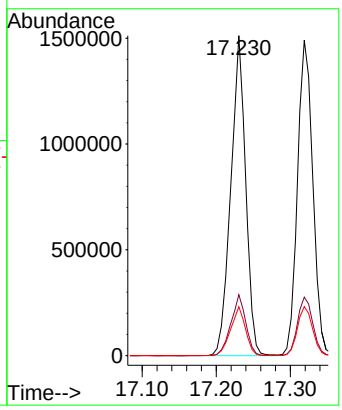
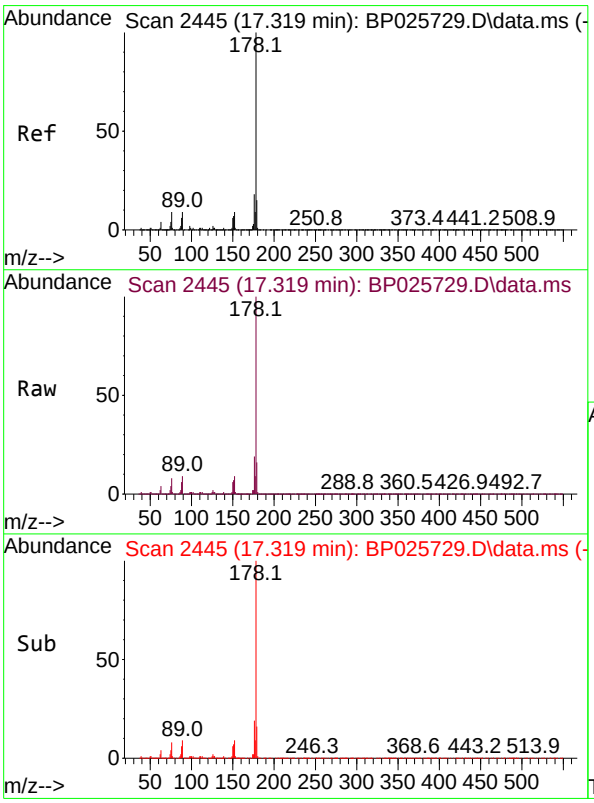
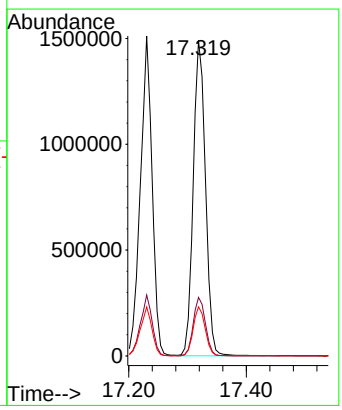


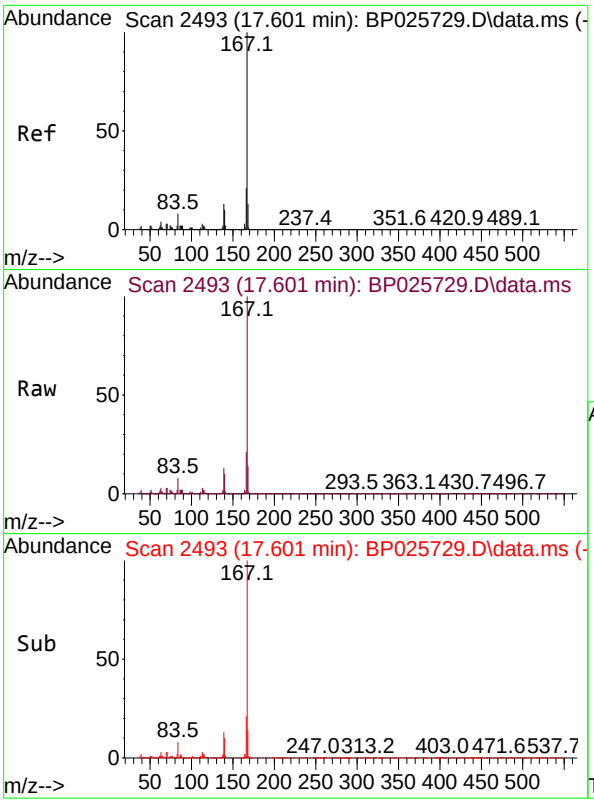


#72
Anthracene
Concen: 42.974 ng
RT: 17.319 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:178 Resp: 2149009

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.6	12.2	18.4

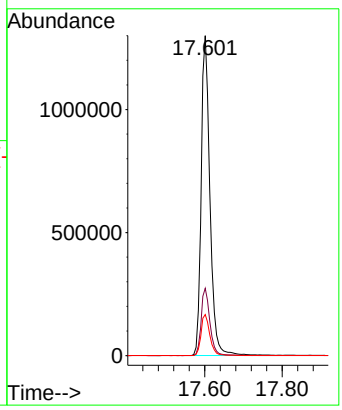




#73
Carbazole
Concen: 43.830 ng
RT: 17.601 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:167 Resp: 203770

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.4
139	12.8	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
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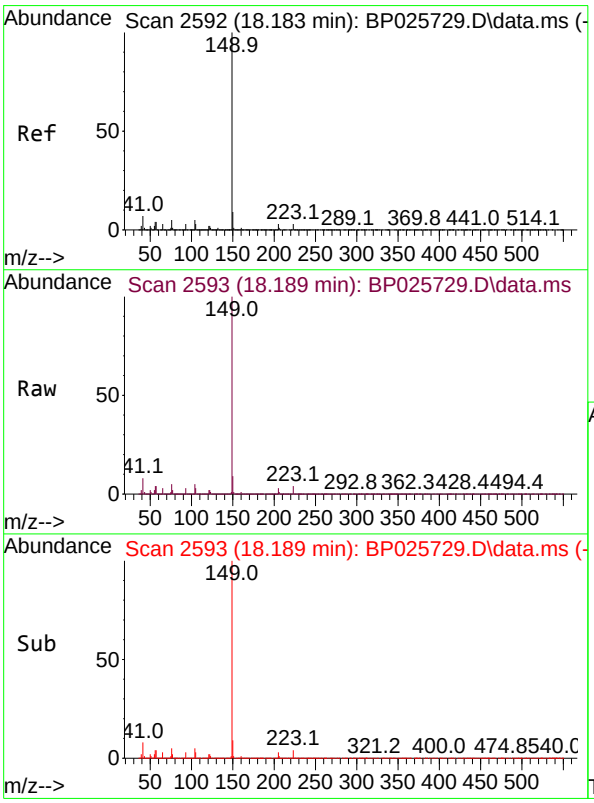
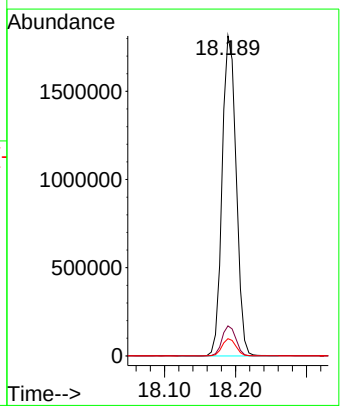
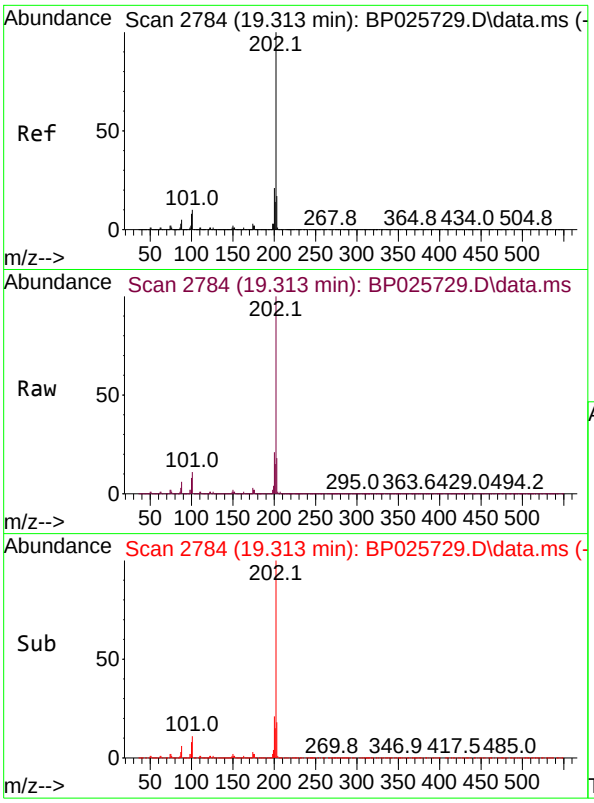


#74
Di-n-butylphthalate
Concen: 43.793 ng
RT: 18.189 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:149 Resp: 2498531

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.4	4.3	6.5





#75
Fluoranthene
Concen: 42.535 ng
RT: 19.313 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:202 Resp: 251421

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.4
203	17.7	0.0	37.4

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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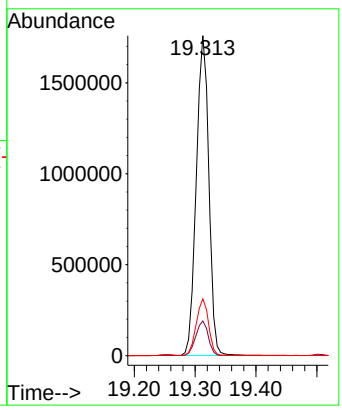
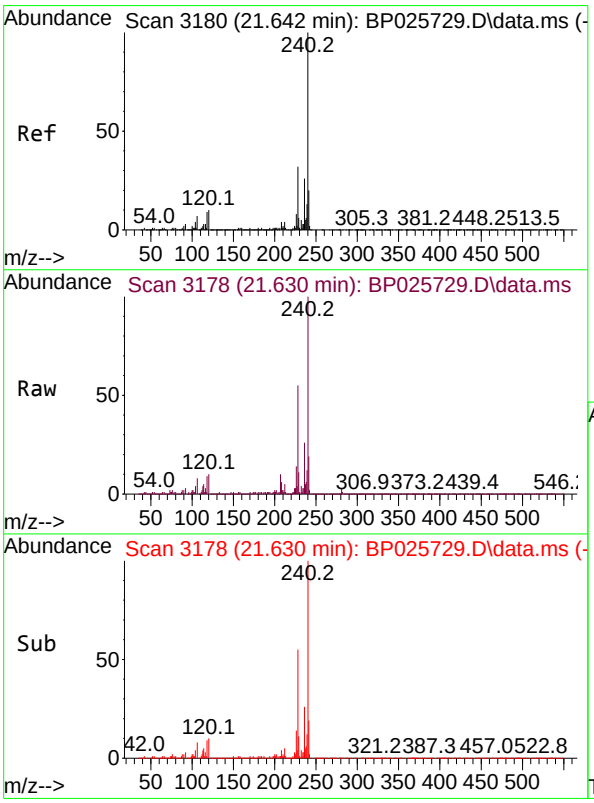
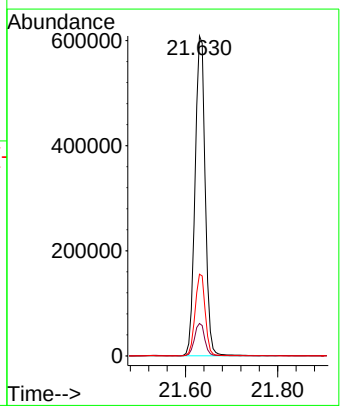


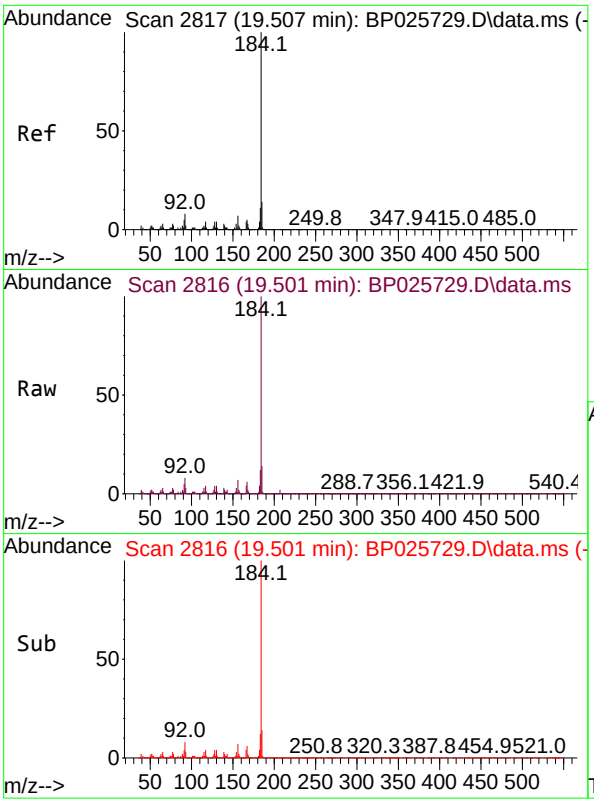


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:240 Resp: 926553

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.0	12.0
236	25.6	20.7	31.1

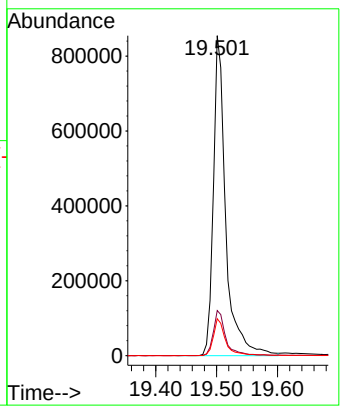




#77
Benzidine
Concen: 45.307 ng
RT: 19.501 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:184 Resp: 120921

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.5	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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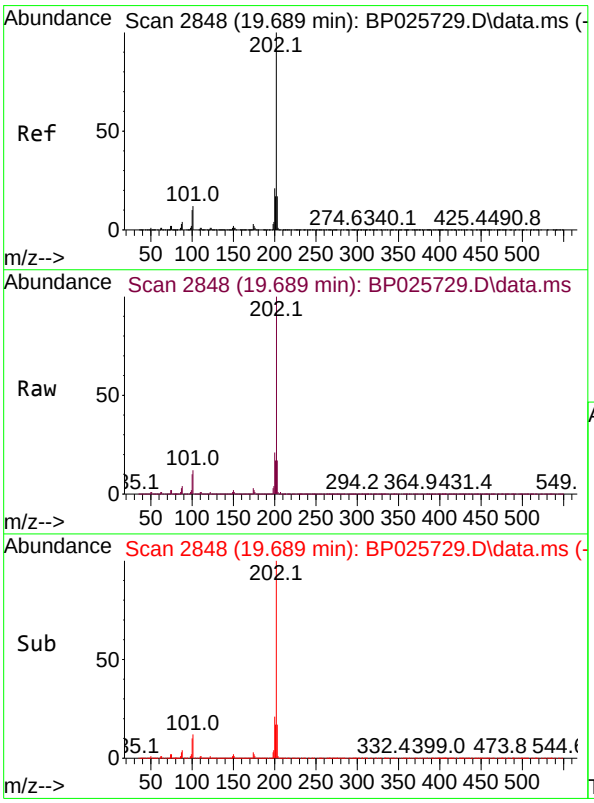
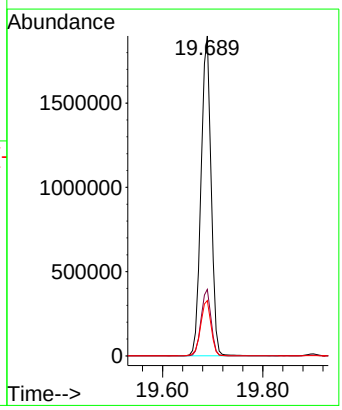
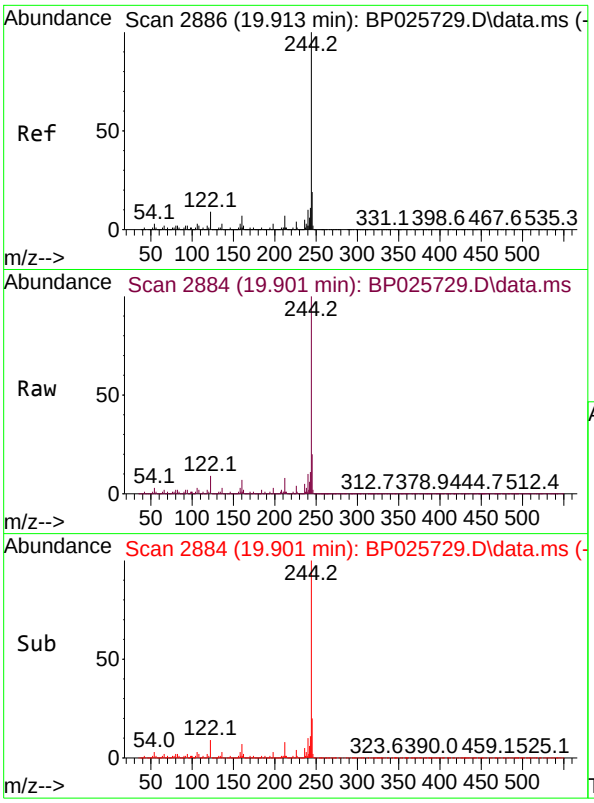


#78
Pyrene
Concen: 42.875 ng
RT: 19.689 min Scan# 2848
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:202 Resp: 2650721

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.6
203	17.3	13.9	20.9





#79
Terphenyl-d14
Concen: 84.704 ng
RT: 19.901 min Scan# 28
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 436258

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	9.0	7.1	10.7

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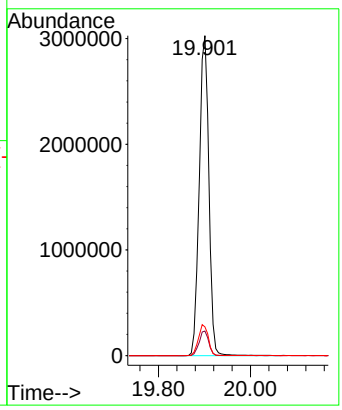
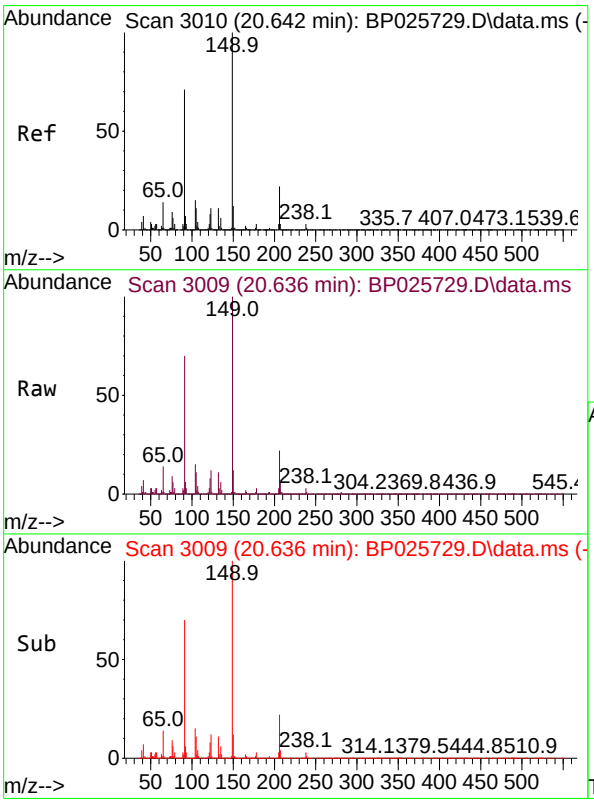
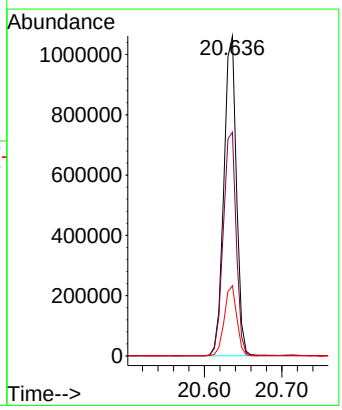


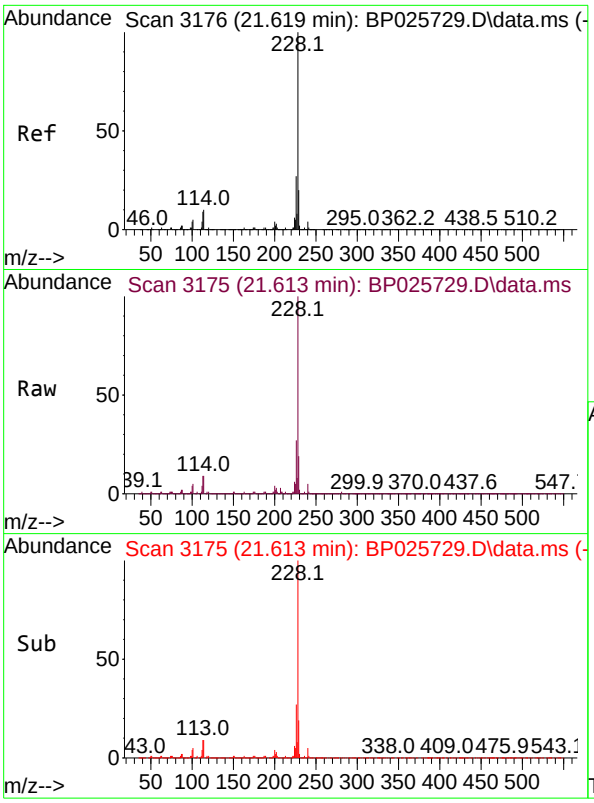


#80
Butylbenzylphthalate
Concen: 44.213 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:149 Resp: 1198520

Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.6	85.0
206	21.9	17.4	26.0

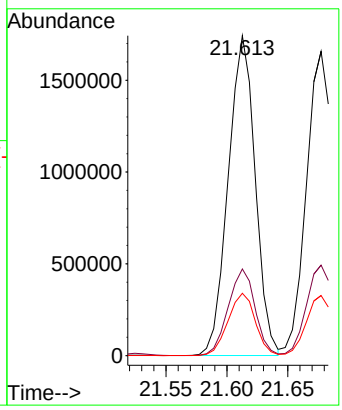




#81
Benzo(a)anthracene
Concen: 42.456 ng
RT: 21.613 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:228 Resp: 269309

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.6	32.4
229	19.5	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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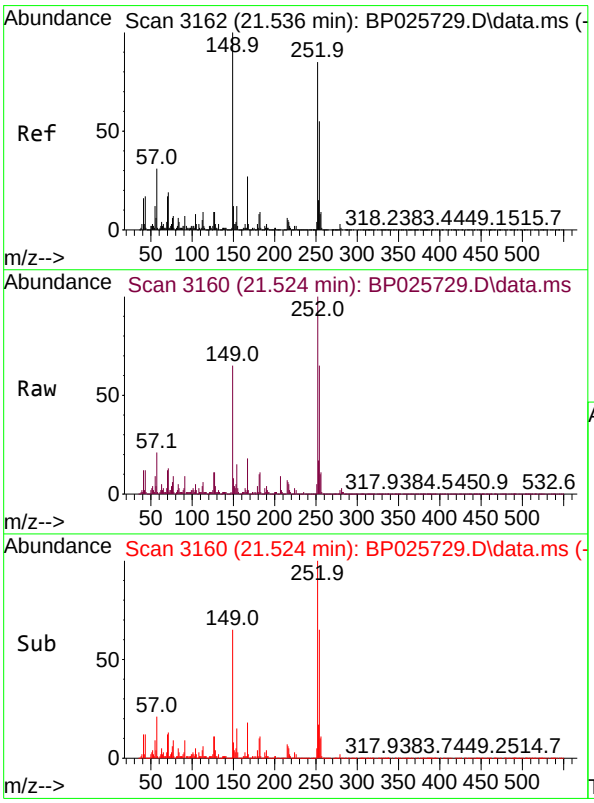
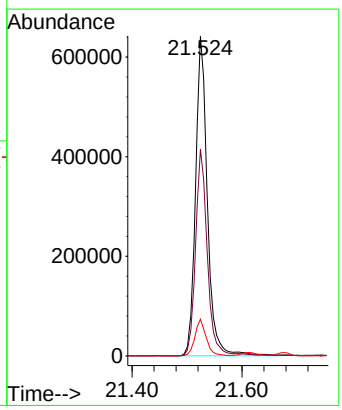
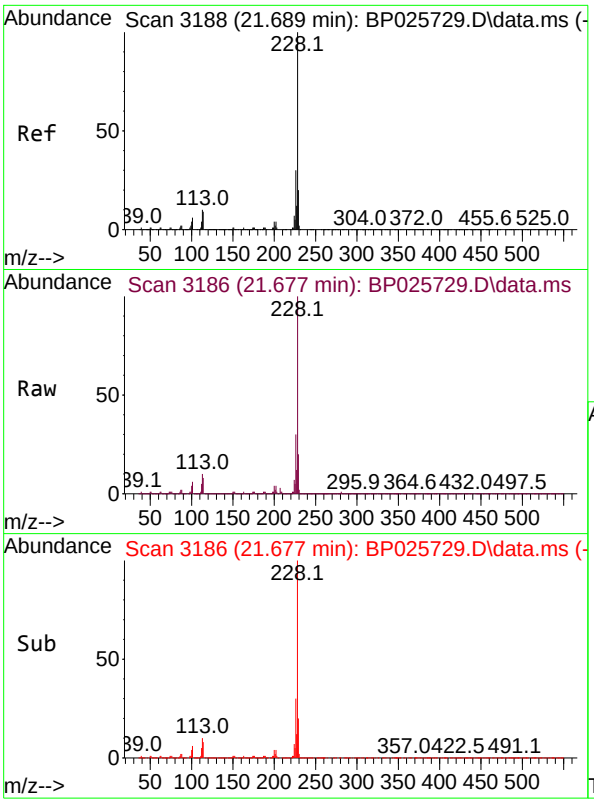


#82
3,3'-Dichlorobenzidine
Concen: 43.803 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:252 Resp: 960752

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.0
126	11.5	8.3	12.5

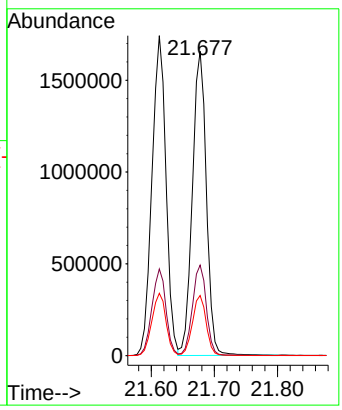




#83
Chrysene
Concen: 42.152 ng
RT: 21.677 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:228 Resp: 254885

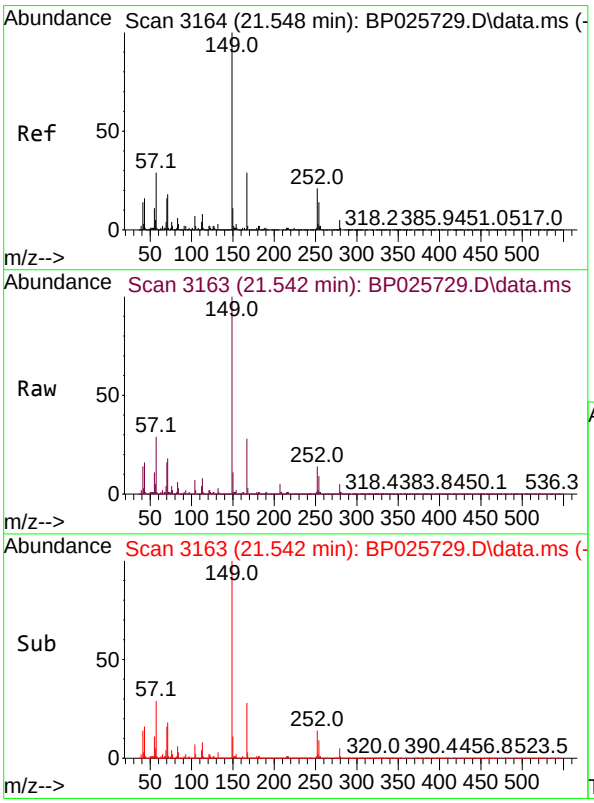
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.7	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

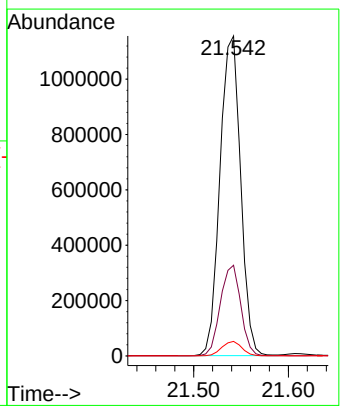
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

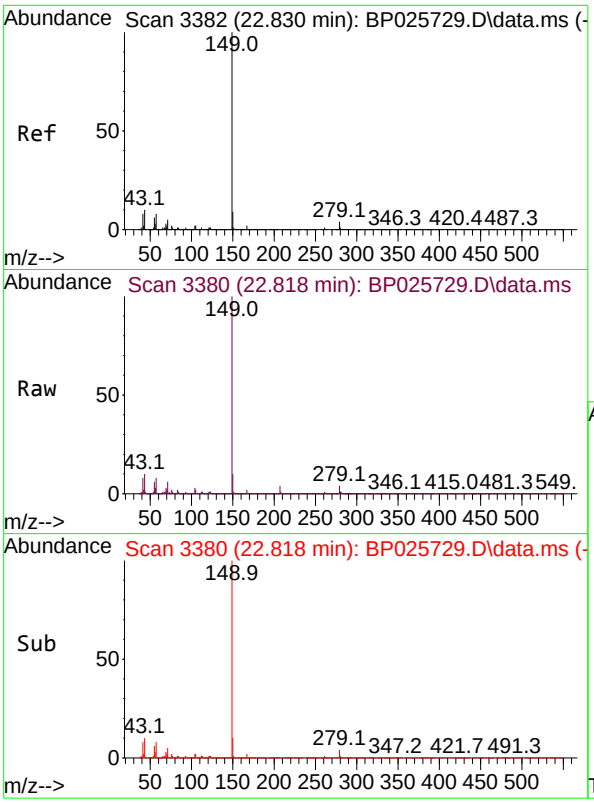


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.144 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:149 Resp: 1750717

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.9	34.3
279	4.5	3.8	5.8

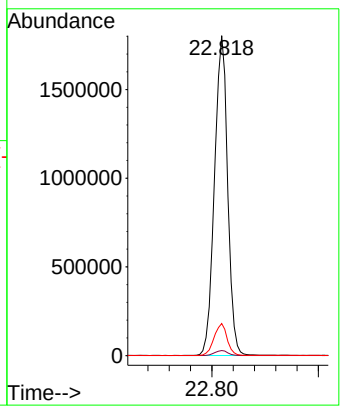




#85
Di-n-octyl phthalate
Concen: 43.867 ng
RT: 22.818 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:149 Resp: 309466

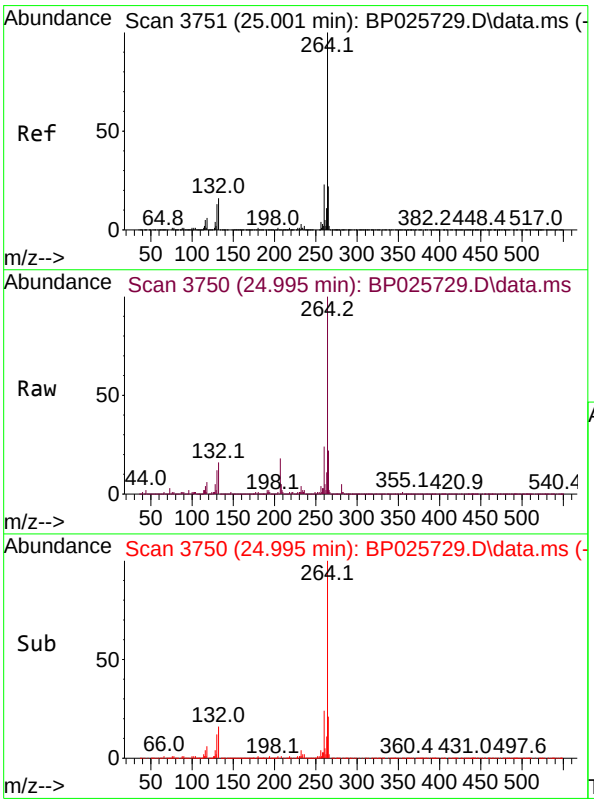
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.9	8.0	12.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

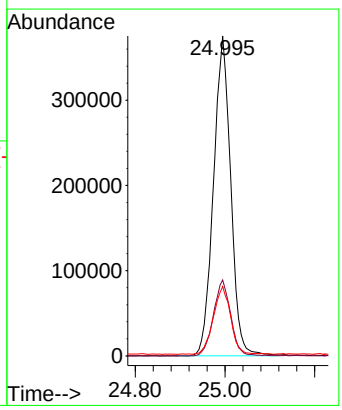
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

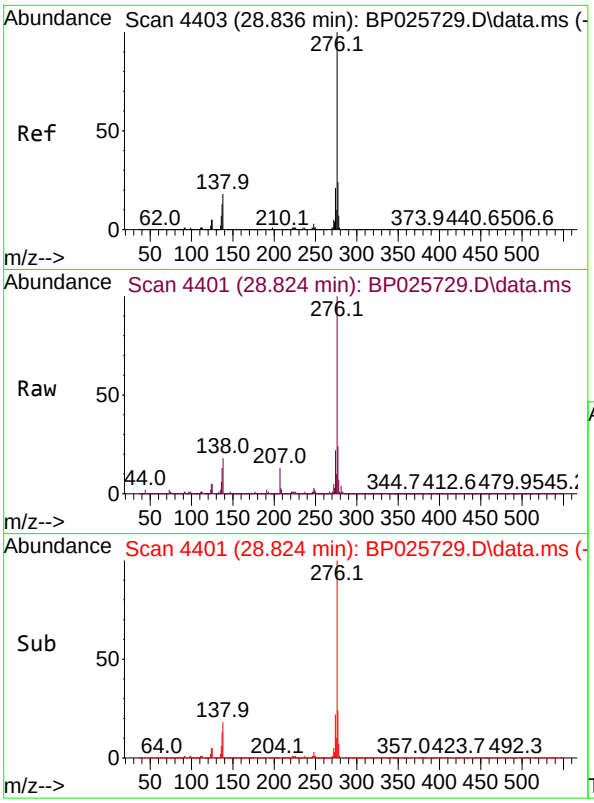


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:264 Resp: 1000954

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.7	17.3	25.9

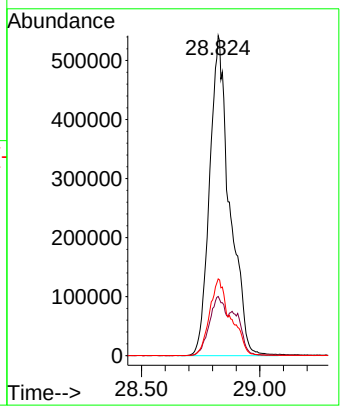




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.902 ng
RT: 28.824 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:276 Resp: 319567

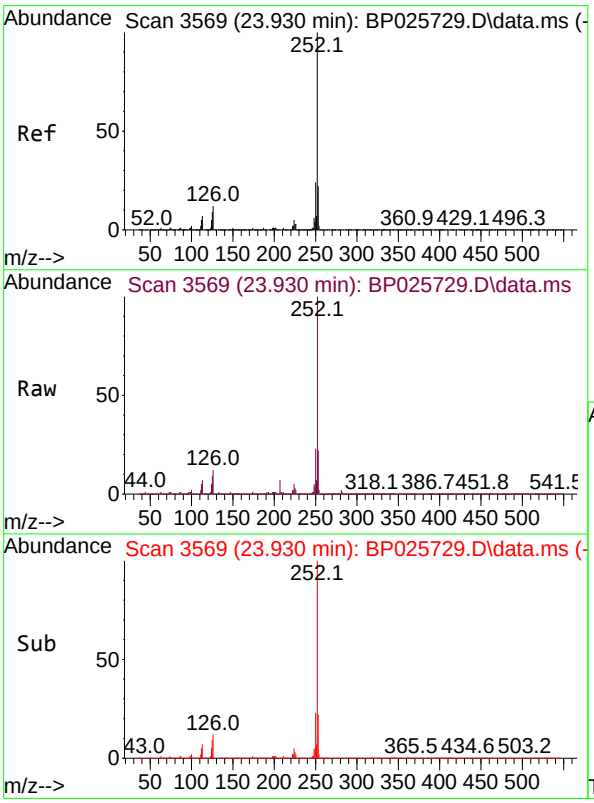
Ion	Ratio	Lower	Upper
276	100		
138	14.9	13.4	20.2
277	25.2	9.1	13.7#



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

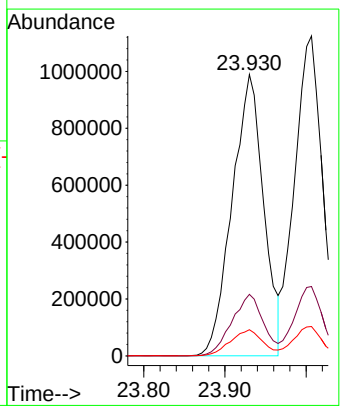
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

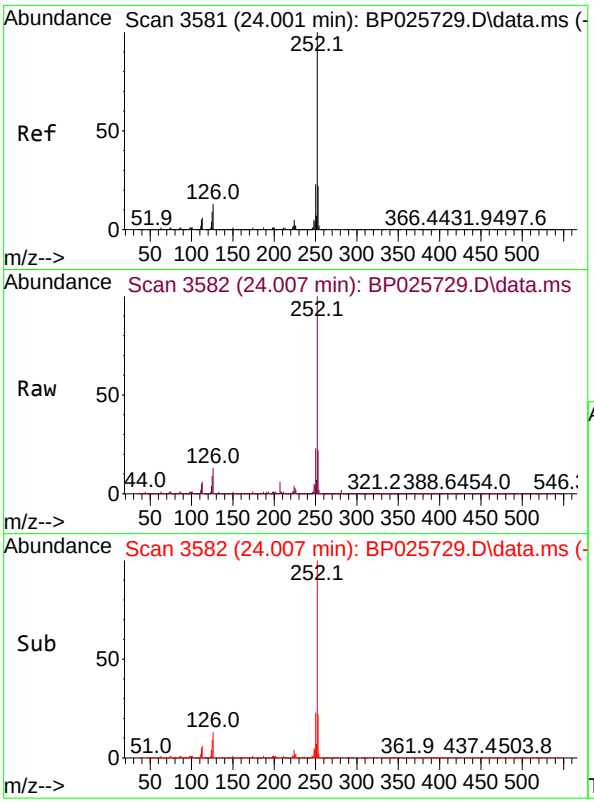


#88
Benzo(b)fluoranthene
Concen: 43.687 ng
RT: 23.930 min Scan# 3569
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:252 Resp: 2674118

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.3	7.3	10.9

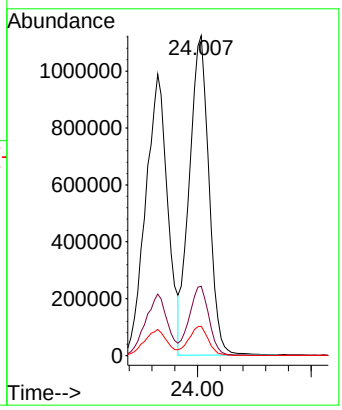




#89
Benzo(k)fluoranthene
Concen: 42.989 ng
RT: 24.007 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:252 Resp: 268511

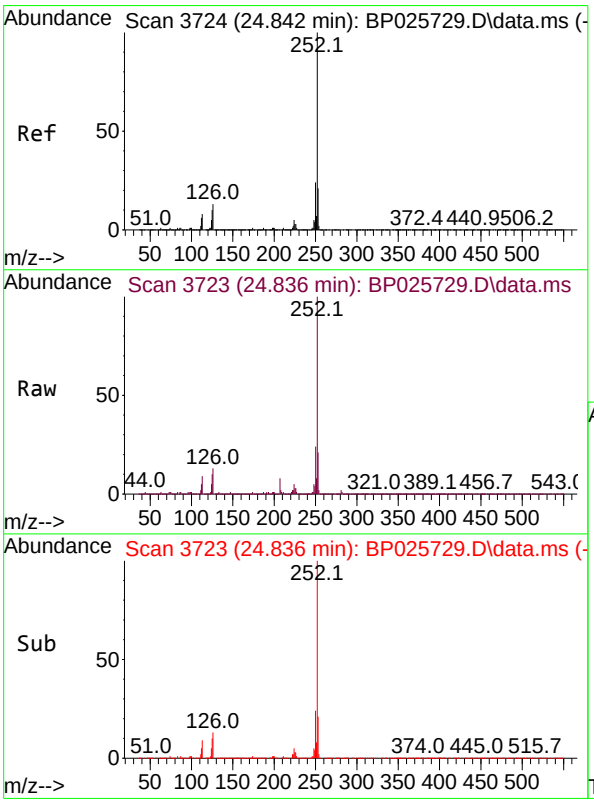
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	9.2	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

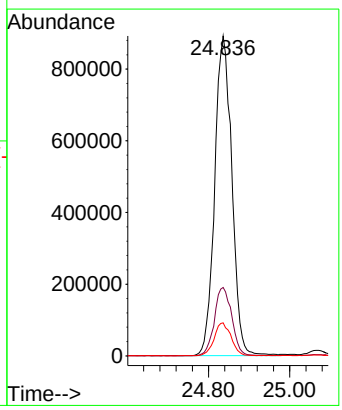
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

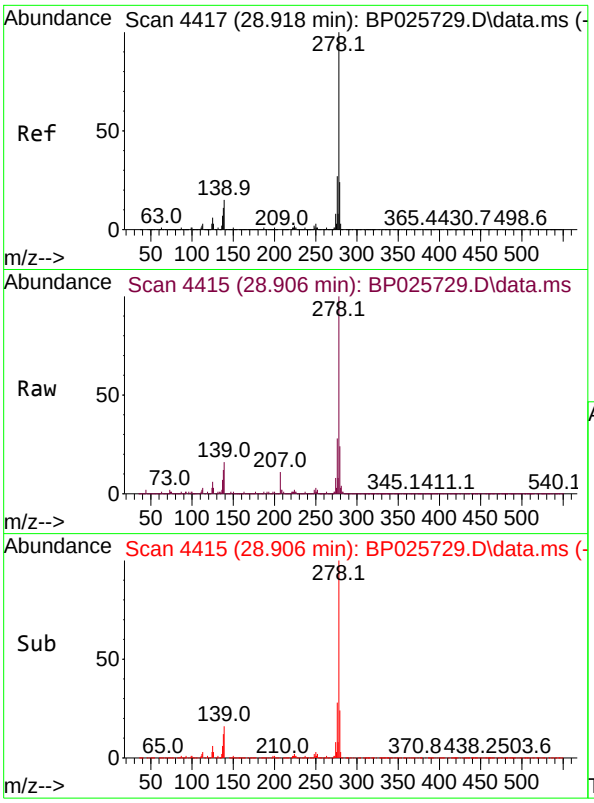


#90
Benzo(a)pyrene
Concen: 43.660 ng
RT: 24.836 min Scan# 3723
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:252 Resp: 2617139

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	10.3	8.3	12.5

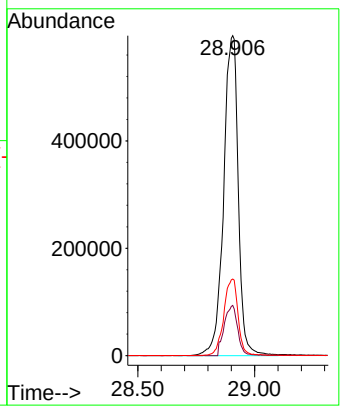




#91
Dibenzo(a,h)anthracene
Concen: 43.586 ng
RT: 28.906 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:278 Resp: 259631

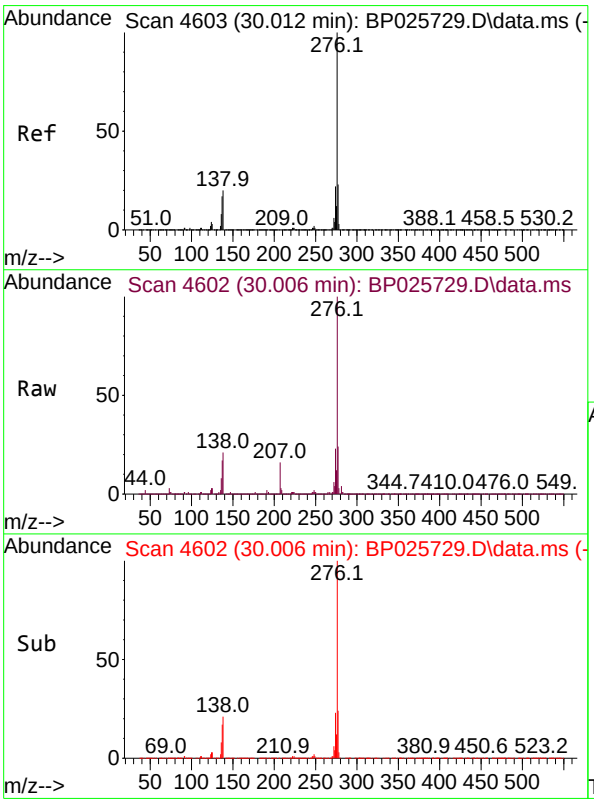
Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.1	18.1
279	23.9	19.6	29.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

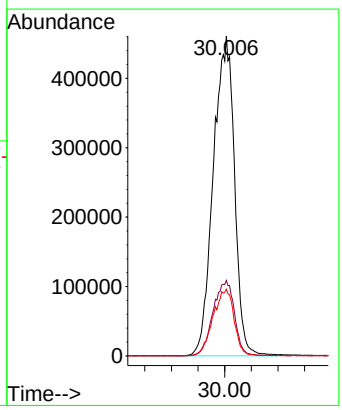
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#92
Benzo(g,h,i)perylene
Concen: 43.305 ng
RT: 30.006 min Scan# 4602
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:276 Resp: 2536855

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	20.8	16.0	24.0



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025731.D
Acq On : 11 Sep 2025 13:43
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Sep 11 16:25:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.754	152	144908	20.000	ng		0.00
21) Naphthalene-d8	10.531	136	594465	20.000	ng		0.00
39) Acenaphthene-d10	14.389	164	399973	20.000	ng		0.01
64) Phenanthrene-d10	17.189	188	829072	20.000	ng		0.00
76) Chrysene-d12	21.636	240	850069	20.000	ng		0.00
86) Perylene-d12	24.995	264	937177	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	1076648	119.885	ng		0.00
7) Phenol-d6	6.949	99	1441118	120.727	ng		0.00
23) Nitrobenzene-d5	8.907	82	1624115	120.514	ng		0.00
42) 2,4,6-Tribromophenol	15.901	330	596882	119.643	ng		0.00
45) 2-Fluorobiphenyl	12.995	172	3440852	114.546	ng		0.00
79) Terphenyl-d14	19.913	244	5375608	113.763	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	214449	56.894	ng		99
3) Pyridine	3.708	79	608506	58.630	ng		98
4) n-Nitrosodimethylamine	3.614	42	283590	57.906	ng		98
6) Aniline	7.090	93	984589	60.086	ng		99
8) 2-Chlorophenol	7.331	128	593699	60.261	ng		99
9) Benzaldehyde	6.913	77	468269	65.521	ng		98
10) Phenol	6.972	94	761185	60.475	ng		99
11) bis(2-Chloroethyl)ether	7.190	93	594817	58.820	ng		97
12) 1,3-Dichlorobenzene	7.649	146	647387	57.736	ng		98
13) 1,4-Dichlorobenzene	7.790	146	669205	58.590	ng		98
14) 1,2-Dichlorobenzene	8.107	146	645593	58.182	ng		99
15) Benzyl Alcohol	7.996	79	587082	59.518	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.278	45	940663	56.880	ng		100
17) 2-Methylphenol	8.207	107	515294	60.722	ng		99
18) Hexachloroethane	8.825	117	255454	58.553	ng		96
19) n-Nitroso-di-n-propyla...	8.560	70	500512	60.833	ng		99
20) 3+4-Methylphenols	8.531	107	706319	59.431	ng		99
22) Acetophenone	8.578	105	959504	60.398	ng	#	99
24) Nitrobenzene	8.949	77	732954	60.626	ng		98
25) Isophorone	9.472	82	1411439	59.586	ng		100
26) 2-Nitrophenol	9.654	139	341952	63.706	ng		96
27) 2,4-Dimethylphenol	9.713	122	571131	60.651	ng		99
28) bis(2-Chloroethoxy)met...	9.948	93	805869	58.855	ng		100
29) 2,4-Dichlorophenol	10.190	162	583539	62.152	ng		98
30) 1,2,4-Trichlorobenzene	10.396	180	617864	58.392	ng		99
31) Naphthalene	10.578	128	1861226	58.065	ng		99
32) Benzoic acid	9.901	122	457710	65.376	ng		100
33) 4-Chloroaniline	10.690	127	828517	62.014	ng		99
34) Hexachlorobutadiene	10.860	225	402426	59.079	ng		99
35) Caprolactam	11.495	113	213931	59.232	ng		98
36) 4-Chloro-3-methylphenol	11.819	107	672438	60.073	ng		97
37) 2-Methylnaphthalene	12.190	142	1207999	58.676	ng		98
38) 1-Methylnaphthalene	12.407	142	1271354	57.909	ng		99
40) 1,2,4,5-Tetrachloroben...	12.560	216	724963	59.814	ng		100
41) Hexachlorocyclopentadiene	12.537	237	416561	63.104	ng		99
43) 2,4,6-Trichlorophenol	12.807	196	490224	61.525	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025731.D
Acq On : 11 Sep 2025 13:43
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Sep 11 16:25:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	548795	61.887	ng		97
46) 1,1'-Biphenyl	13.201	154	1710115	58.250	ng		100
47) 2-Chloronaphthalene	13.248	162	1358189	58.754	ng		99
48) 2-Nitroaniline	13.460	65	481928	62.541	ng		97
49) Acenaphthylene	14.113	152	2244987	58.613	ng		99
50) Dimethylphthalate	13.836	163	1735637	56.838	ng		99
51) 2,6-Dinitrotoluene	13.960	165	395721	61.166	ng		98
52) Acenaphthene	14.454	154	1266404	57.334	ng		100
53) 3-Nitroaniline	14.295	138	428446	62.976	ng		98
54) 2,4-Dinitrophenol	14.513	184	241144	58.695	ng		99
55) Dibenzofuran	14.789	168	2062085	57.280	ng		99
56) 4-Nitrophenol	14.619	139	335924	58.606	ng		94
57) 2,4-Dinitrotoluene	14.760	165	564986	61.363	ng		98
58) Fluorene	15.448	166	1619859	56.587	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.025	232	471644	59.043	ng		100
60) Diethylphthalate	15.225	149	1767001	57.046	ng		100
61) 4-Chlorophenyl-phenyle...	15.442	204	817173	56.642	ng		99
62) 4-Nitroaniline	15.478	138	451315	64.802	ng		97
63) Azobenzene	15.742	77	1761607	58.817	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	341390	61.918	ng		97
66) n-Nitrosodiphenylamine	15.660	169	1476982	58.214	ng		99
67) 4-Bromophenyl-phenylether	16.354	248	530862	58.285	ng		97
68) Hexachlorobenzene	16.483	284	586880	57.781	ng		95
69) Atrazine	16.642	200	563586	58.112	ng		97
70) Pentachlorophenol	16.836	266	400840	59.795	ng		100
71) Phenanthrene	17.230	178	2648539	56.316	ng		100
72) Anthracene	17.325	178	2753779	57.710	ng		100
73) Carbazole	17.607	167	2580907	58.177	ng		99
74) Di-n-butylphthalate	18.189	149	3187132	58.542	ng		100
75) Fluoranthene	19.313	202	3216943	57.034	ng		100
77) Benzidine	19.513	184	1473612	60.181	ng		99
78) Pyrene	19.689	202	3334872	58.794	ng		99
80) Butylbenzylphthalate	20.630	149	1497716	60.222	ng		98
81) Benzo(a)anthracene	21.613	228	3391233	58.272	ng		99
82) 3,3'-Dichlorobenzidine	21.530	252	1193448	59.308	ng		99
83) Chrysene	21.677	228	3234610	58.306	ng		100
84) Bis(2-ethylhexyl)phtha...	21.542	149	2185686	60.070	ng		99
85) Di-n-octyl phthalate	22.830	149	3857923	59.606	ng		100
87) Indeno(1,2,3-cd)pyrene	28.824	276	4176186	61.276	ng	#	85
88) Benzo(b)fluoranthene	23.930	252	3417862	59.638	ng		99
89) Benzo(k)fluoranthene	24.007	252	3431342	58.674	ng		100
90) Benzo(a)pyrene	24.848	252	3396800	60.523	ng		99
91) Dibenzo(a,h)anthracene	28.906	278	3396390	60.898	ng		99
92) Benzo(g,h,i)perylene	30.012	276	3366014	61.370	ng		99

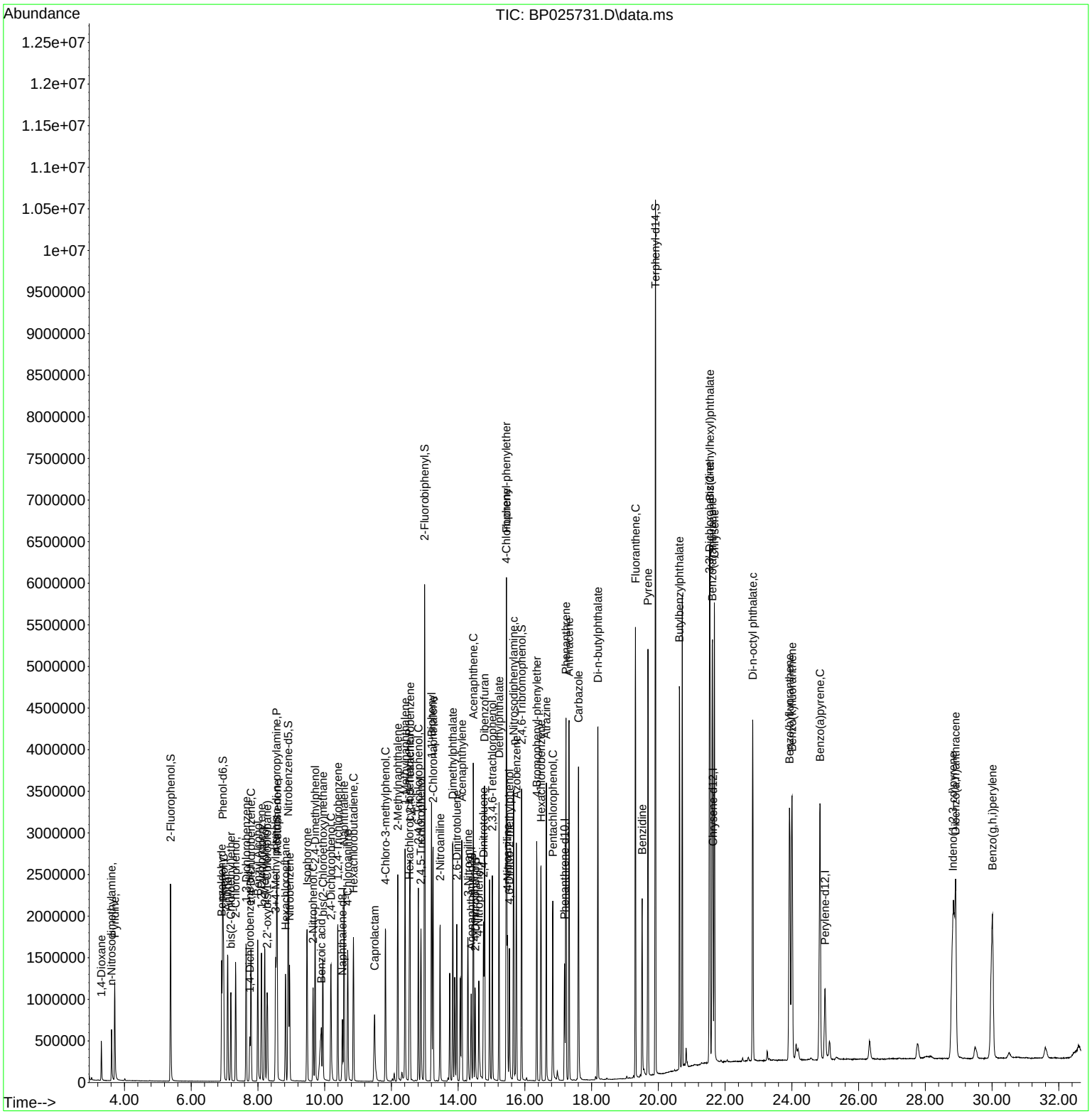
(#) = qualifier out of range (m) = manual integration (+) = signals summed

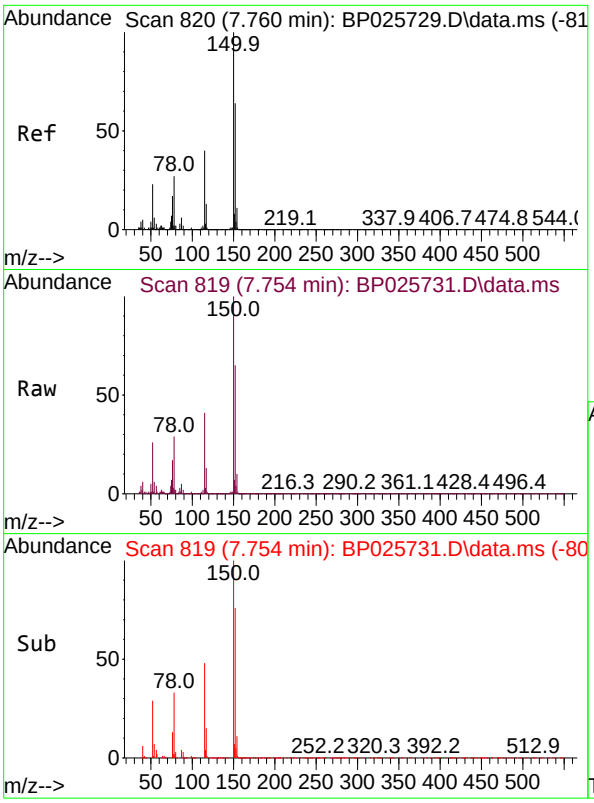
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025731.D
Acq On : 11 Sep 2025 13:43
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Sep 11 16:25:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration



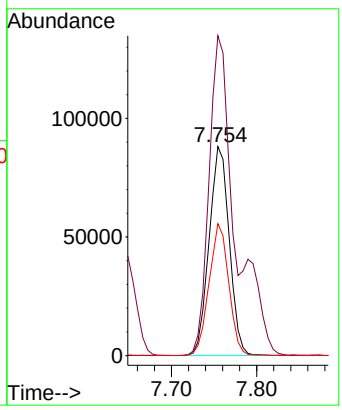


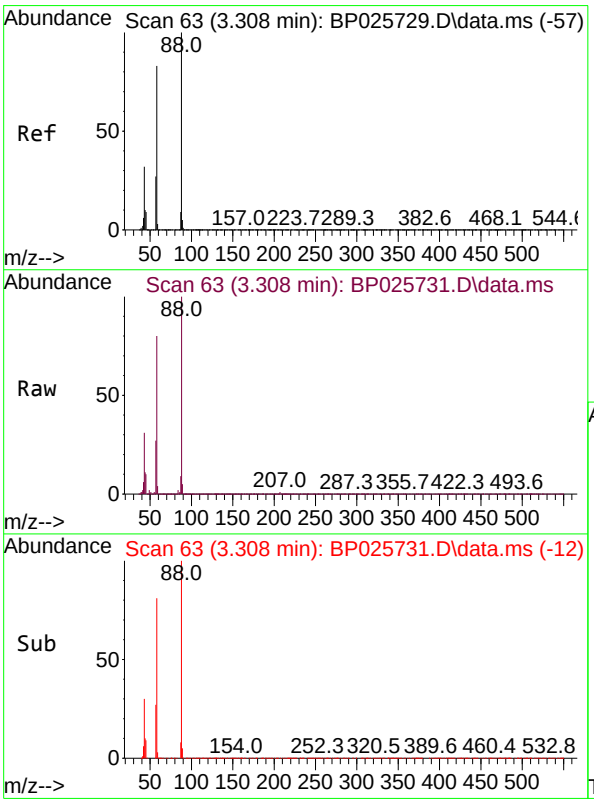
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 144908

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.3	186.5
115	63.1	50.3	75.5

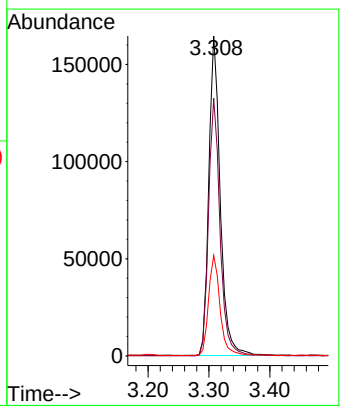


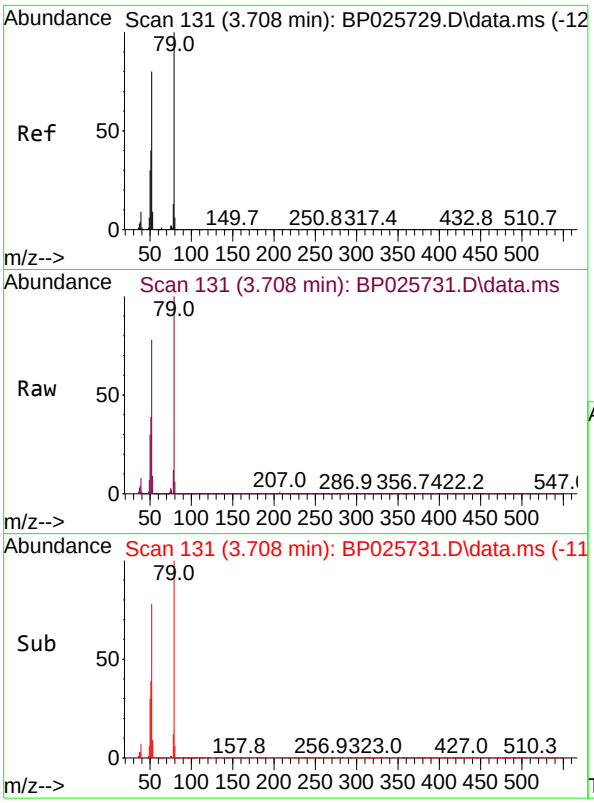


#2
1,4-Dioxane
Concen: 56.894 ng
RT: 3.308 min Scan# 63
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 88 Resp: 214449

Ion	Ratio	Lower	Upper
88	100		
58	81.2	65.5	98.3
43	31.4	25.2	37.8



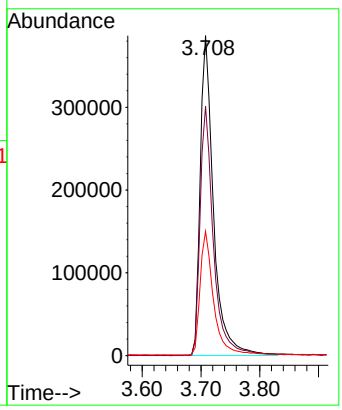


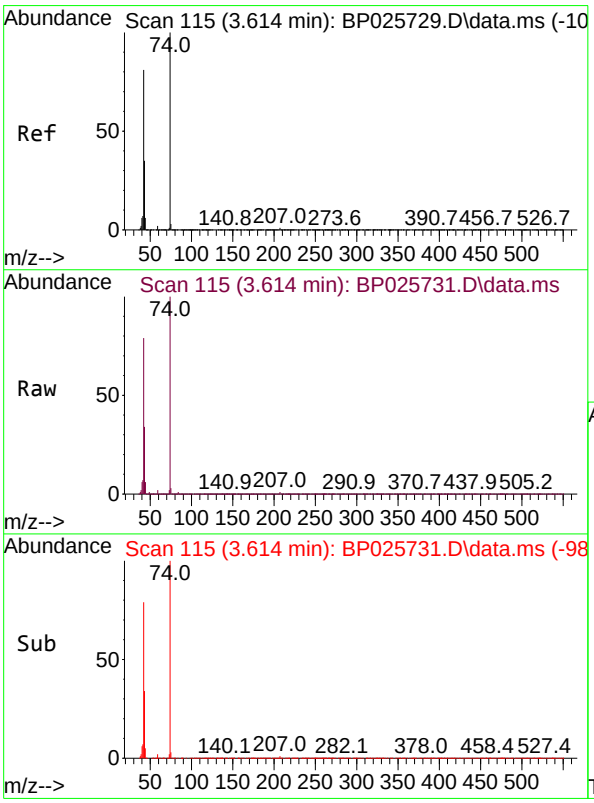
#3
Pyridine
Concen: 58.630 ng
RT: 3.708 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 608506

Ion	Ratio	Lower	Upper
79	100		
52	77.9	63.7	95.5
51	38.8	32.4	48.6

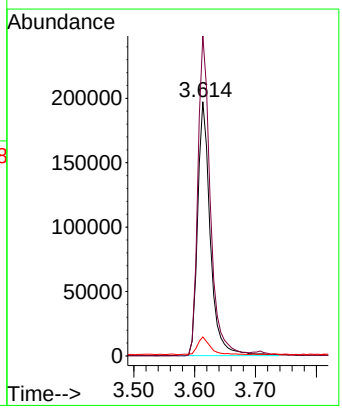


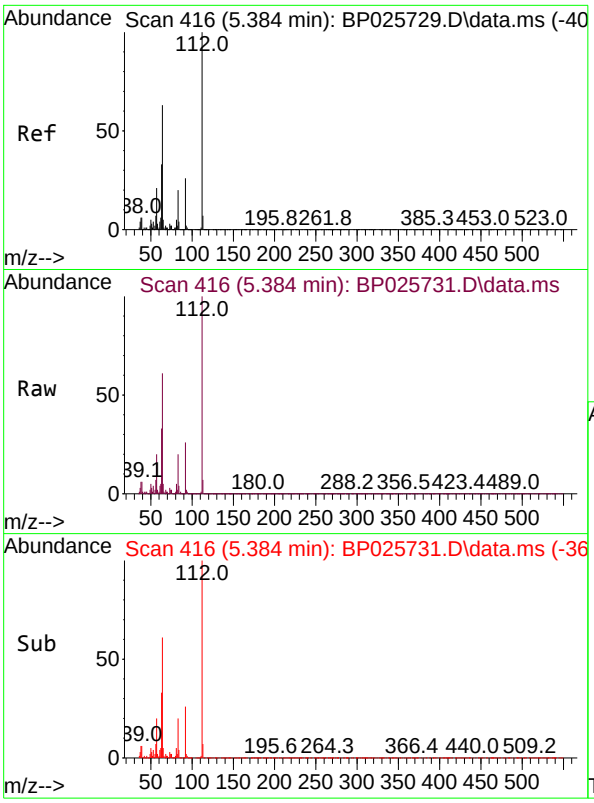


#4
n-Nitrosodimethylamine
Concen: 57.906 ng
RT: 3.614 min Scan# 115
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 42 Resp: 283590

Ion	Ratio	Lower	Upper
42	100		
74	125.9	99.2	148.8
44	7.5	6.4	9.6



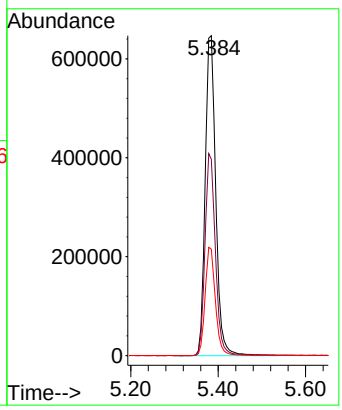


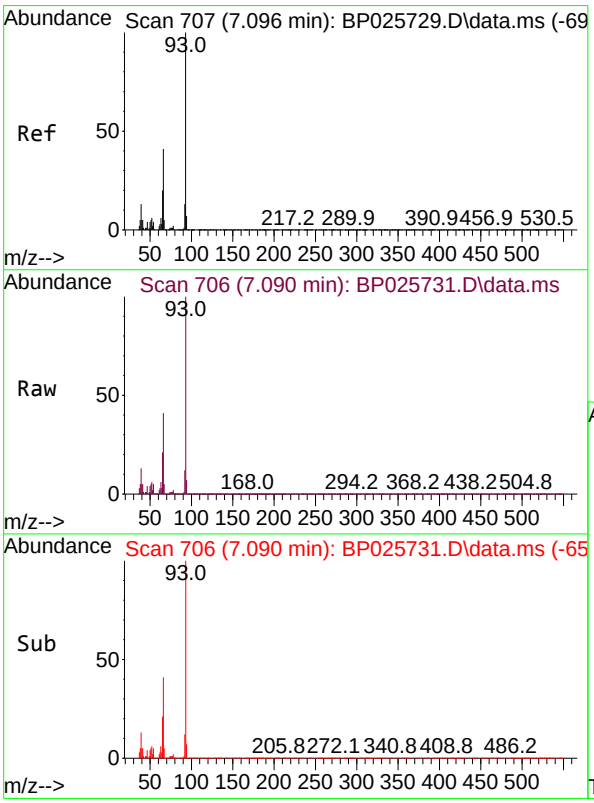
#5
2-Fluorophenol
Concen: 119.885 ng
RT: 5.384 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 1076648

Ion	Ratio	Lower	Upper
112	100		
64	61.4	50.2	75.4
63	33.3	26.7	40.1

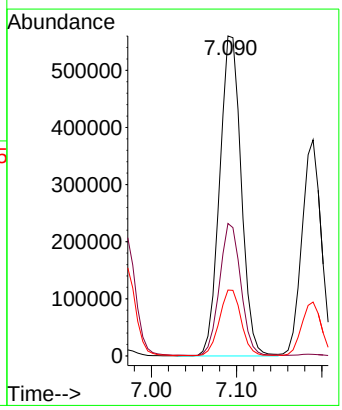


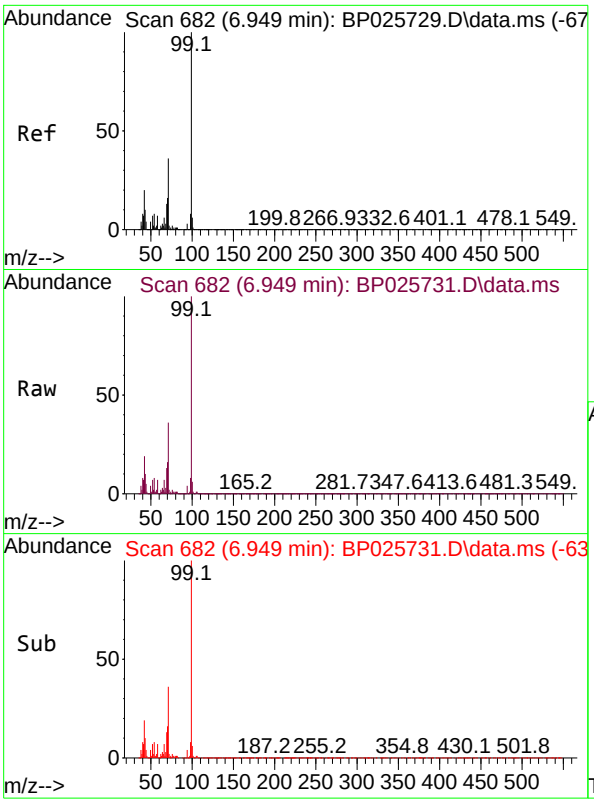


#6
Aniline
Concen: 60.086 ng
RT: 7.090 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 93 Resp: 984589

Ion	Ratio	Lower	Upper
93	100		
66	41.4	32.6	49.0
65	20.6	16.2	24.2



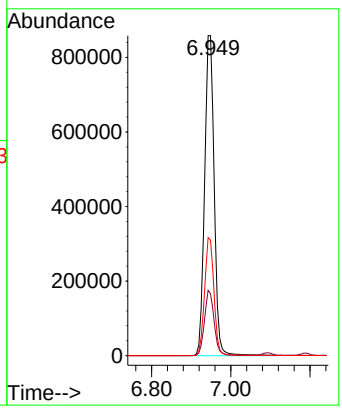


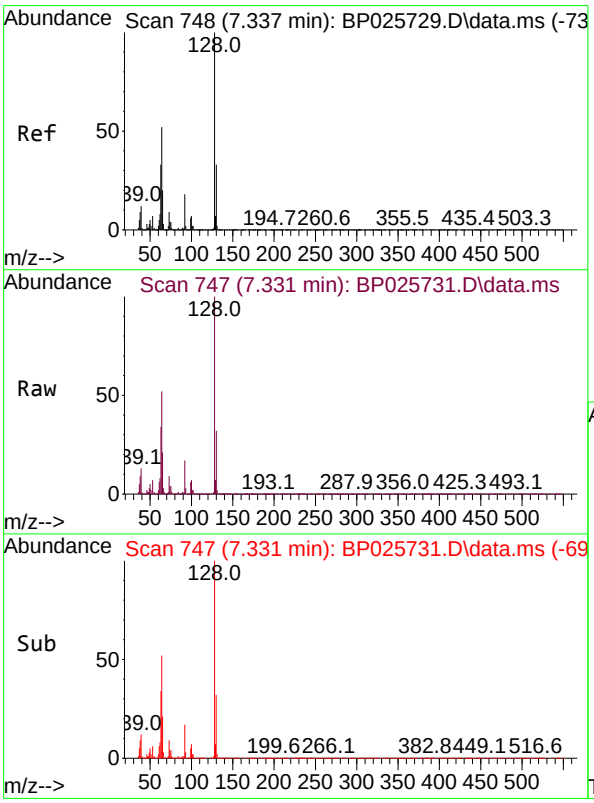
#7
Phenol-d6
Concen: 120.727 ng
RT: 6.949 min Scan# 68
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 1441118

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.6	23.4
71	36.1	28.6	43.0

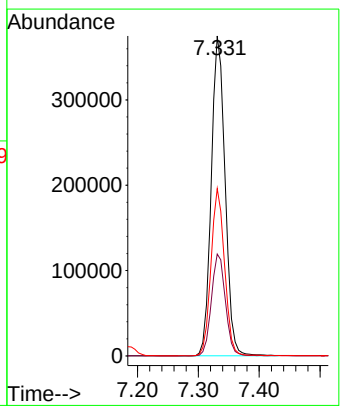


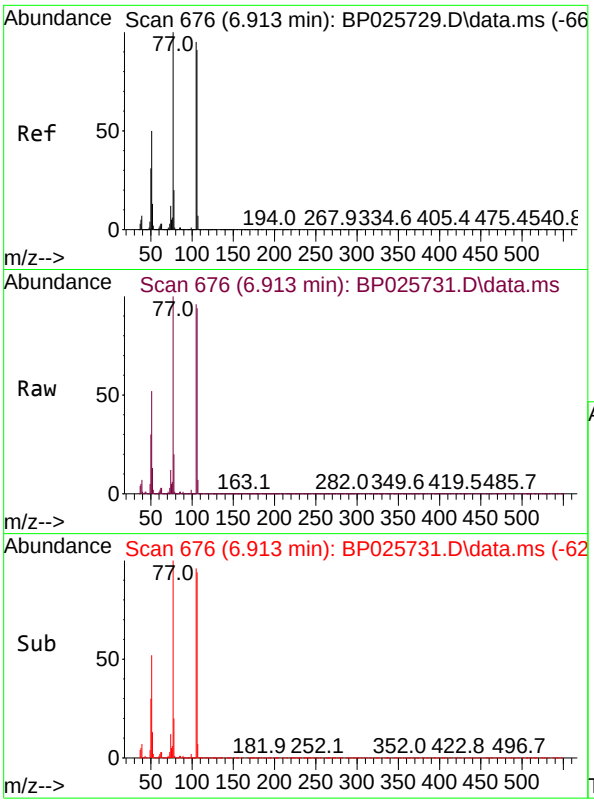


#8
2-Chlorophenol
Concen: 60.261 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:128 Resp: 593699

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.6	52.6
64	52.3	31.6	71.6



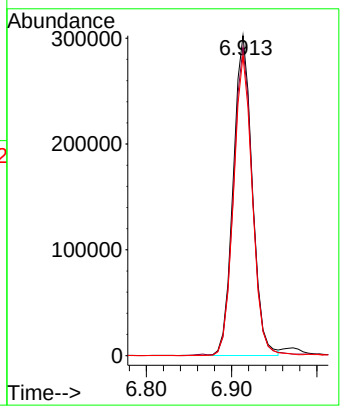


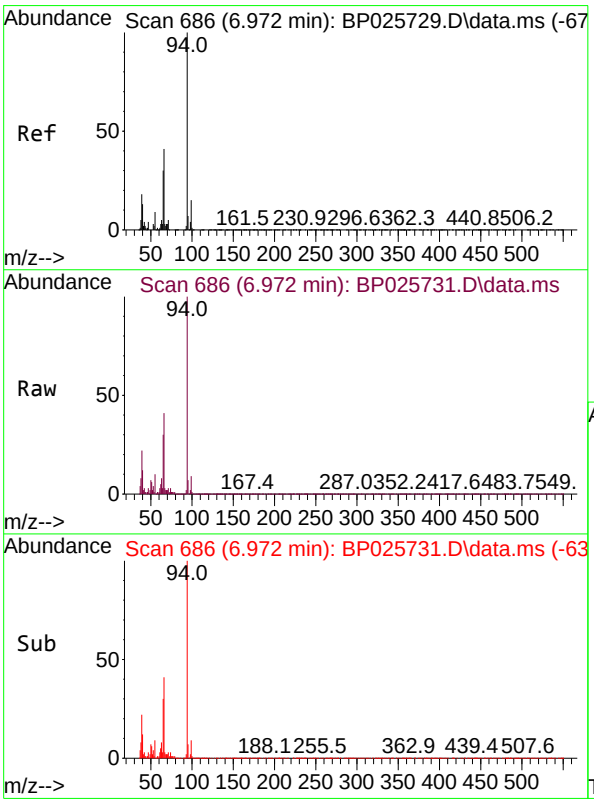
#9
Benzaldehyde
Concen: 65.521 ng
RT: 6.913 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 468269

Ion	Ratio	Lower	Upper
77	100		
105	96.3	75.2	115.2
106	93.5	71.3	111.3

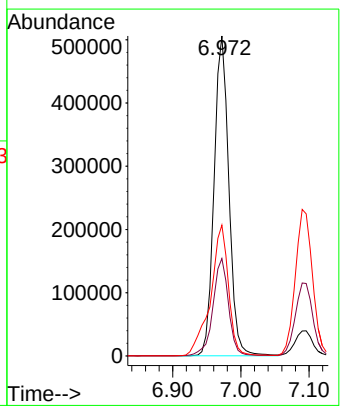


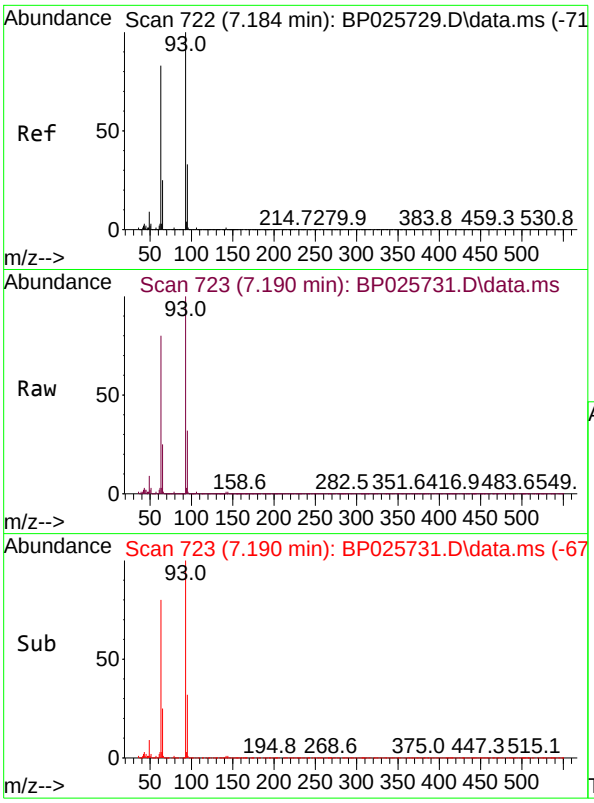


#10
Phenol
Concen: 60.475 ng
RT: 6.972 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 94 Resp: 761185

Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.2	50.2
66	40.9	21.4	61.4



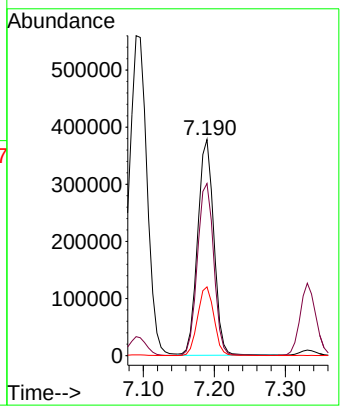


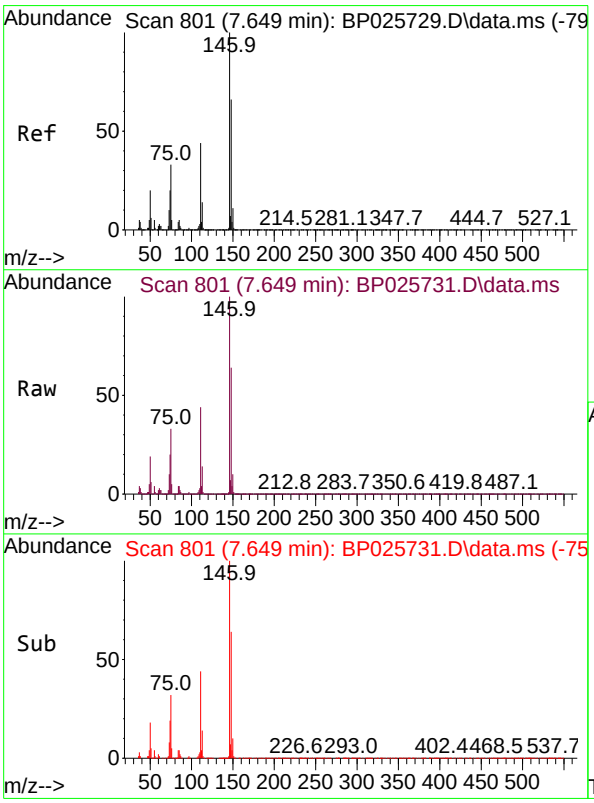
#11
bis(2-Chloroethyl)ether
Concen: 58.820 ng
RT: 7.190 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 594817

Ion	Ratio	Lower	Upper
93	100		
63	79.6	62.6	102.6
95	31.8	13.2	53.2

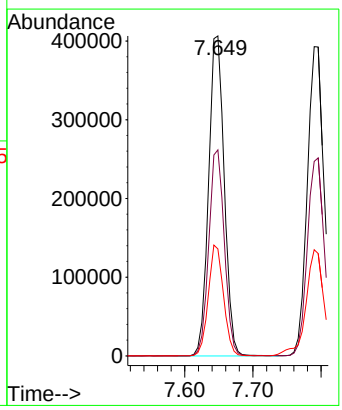


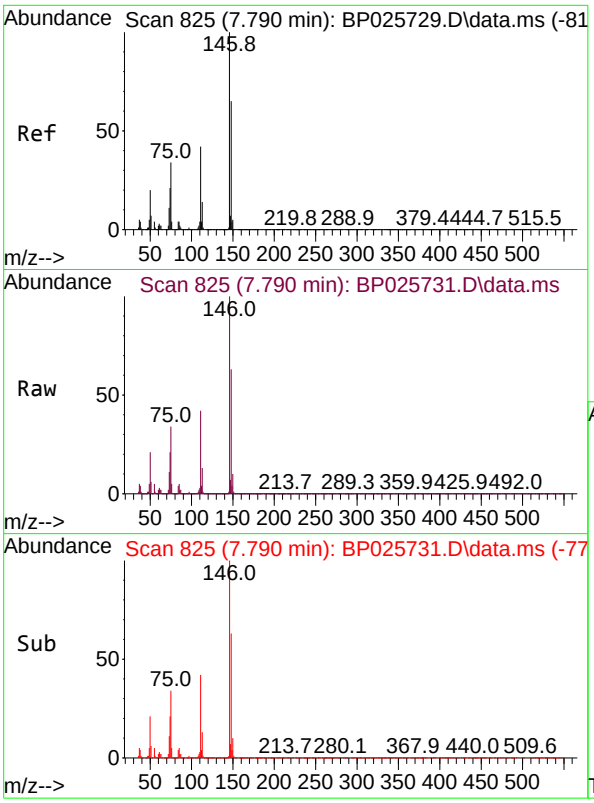


#12
1,3-Dichlorobenzene
Concen: 57.736 ng
RT: 7.649 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:146 Resp: 647387

Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.7	79.1
75	33.4	26.4	39.6



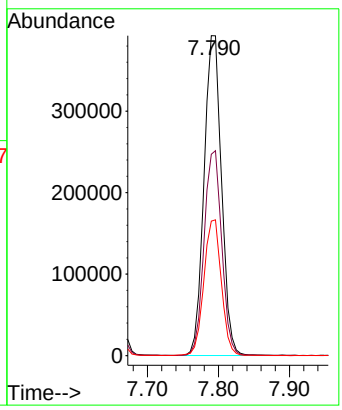


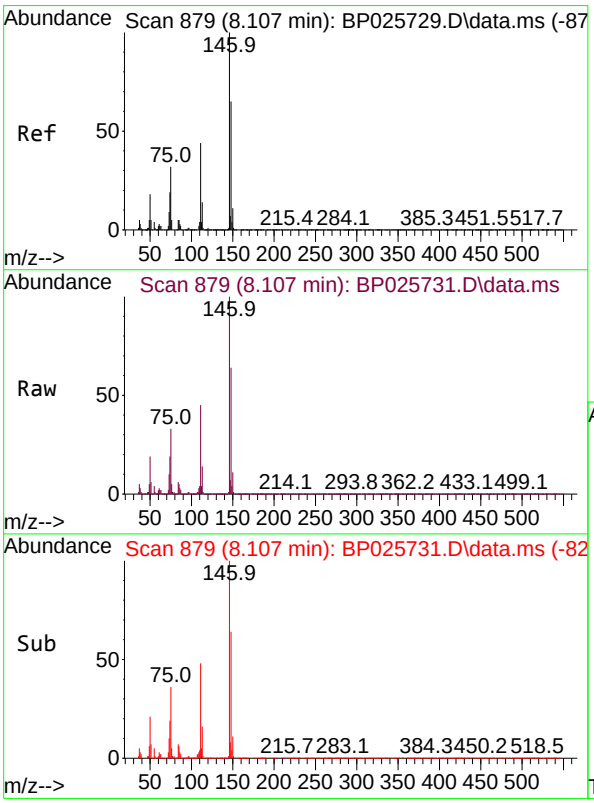
#13
1,4-Dichlorobenzene
Concen: 58.590 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 669205

Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.0	78.0
111	42.0	33.9	50.9

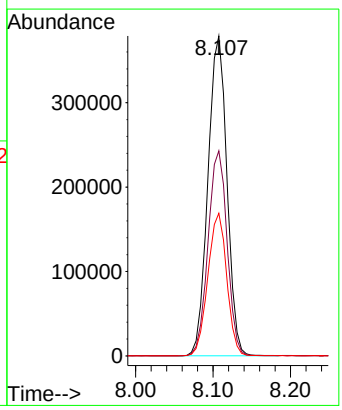


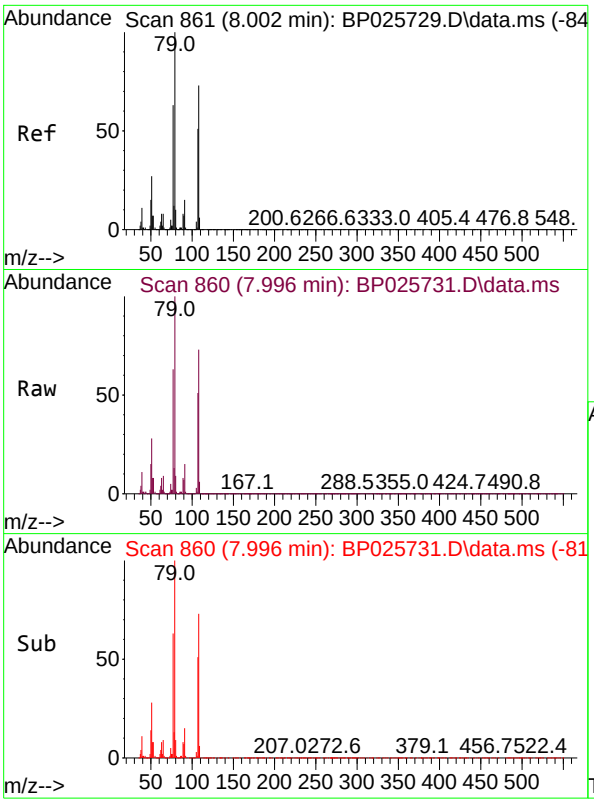


#14
1,2-Dichlorobenzene
Concen: 58.182 ng
RT: 8.107 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:146 Resp: 645593

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.7	77.5
111	44.6	35.5	53.3



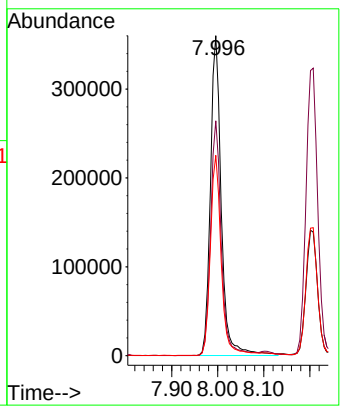


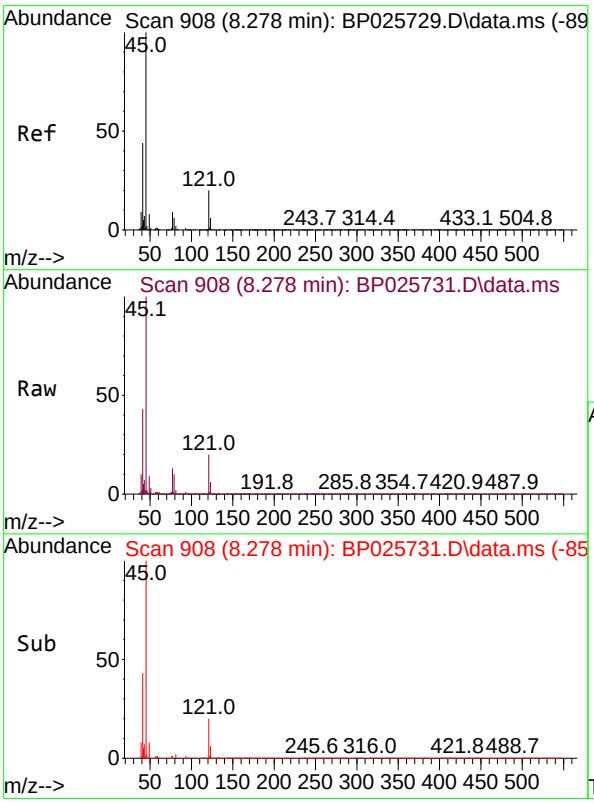
#15
Benzyl Alcohol
Concen: 59.518 ng
RT: 7.996 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 587082

Ion	Ratio	Lower	Upper
79	100		
108	73.4	58.7	88.1
77	62.6	50.2	75.2

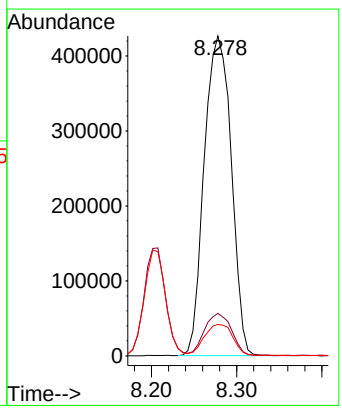


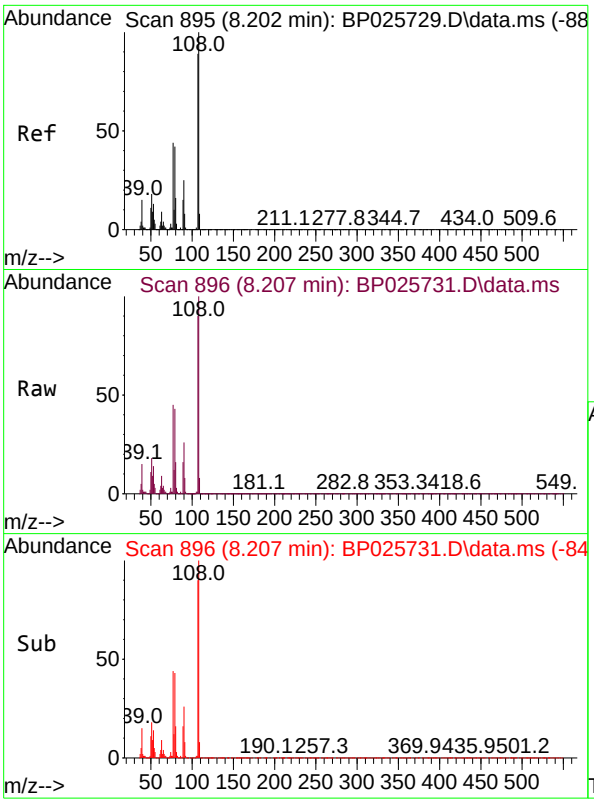


#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.880 ng
RT: 8.278 min Scan# 908
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 45 Resp: 940663

Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	33.1
79	9.8	0.0	30.0



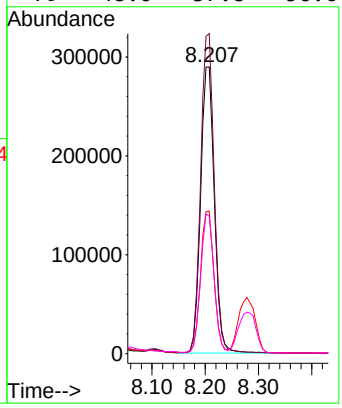


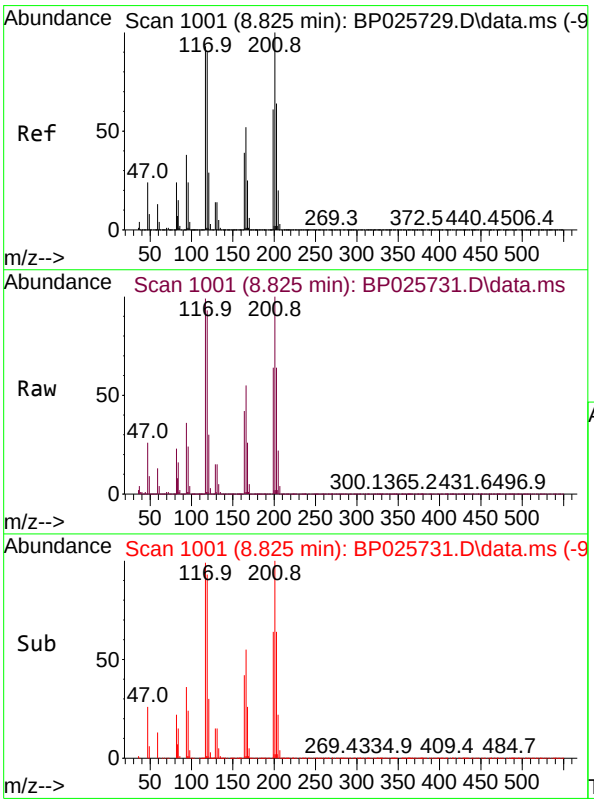
#17
2-Methylphenol
Concen: 60.722 ng
RT: 8.207 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 515294

Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.6	134.4
77	49.7	39.3	58.9
79	48.0	37.8	56.6

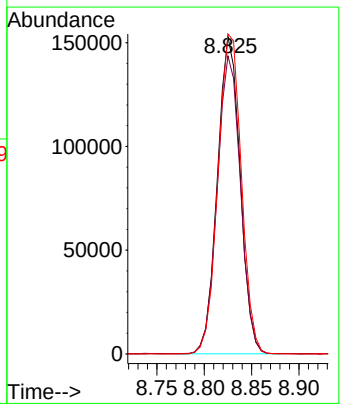


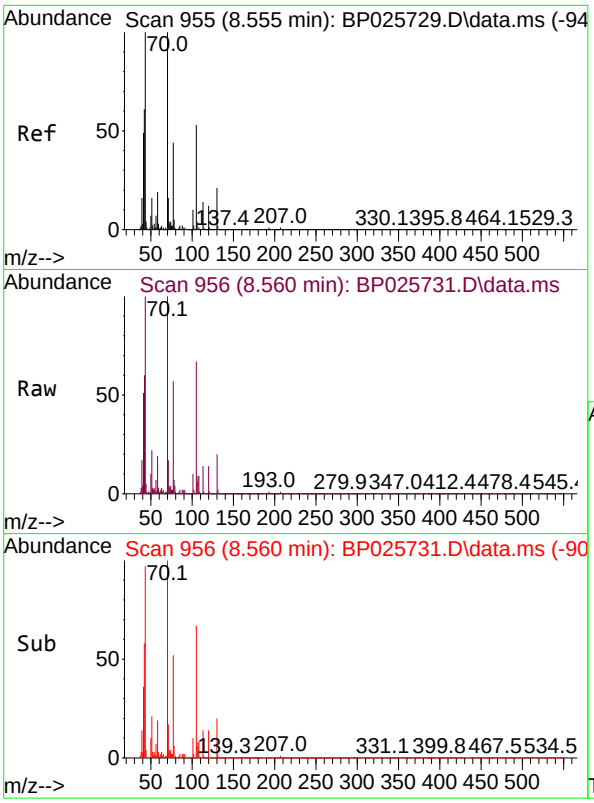


#18
Hexachloroethane
Concen: 58.553 ng
RT: 8.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:117 Resp: 255454

Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.1	115.7
201	100.9	85.6	128.4



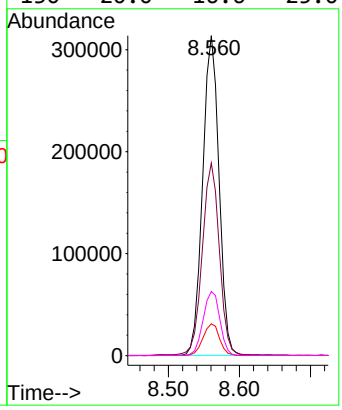


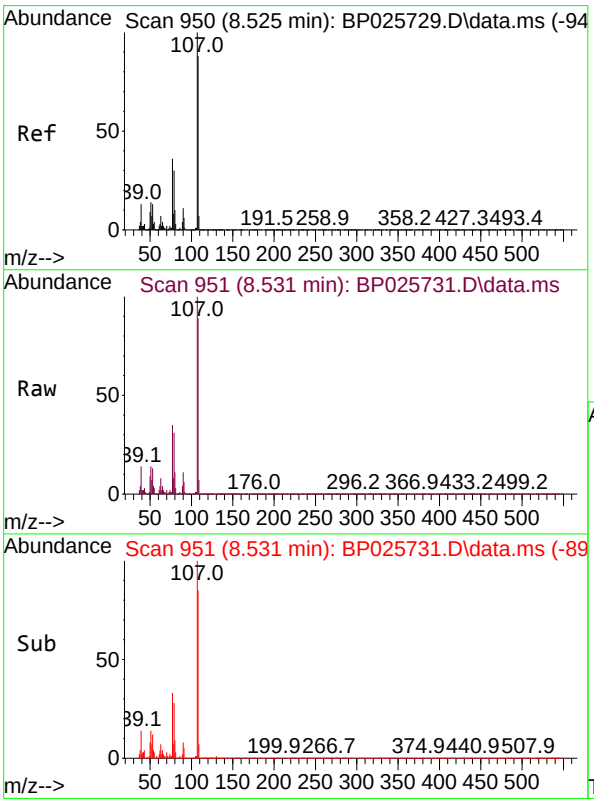
#19
n-Nitroso-di-n-propylamine
Concen: 60.833 ng
RT: 8.560 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 500512

Ion	Ratio	Lower	Upper
70	100		
42	60.2	49.0	73.4
101	9.9	7.9	11.9
130	20.0	16.6	25.0

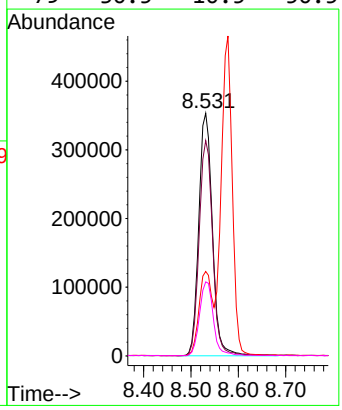


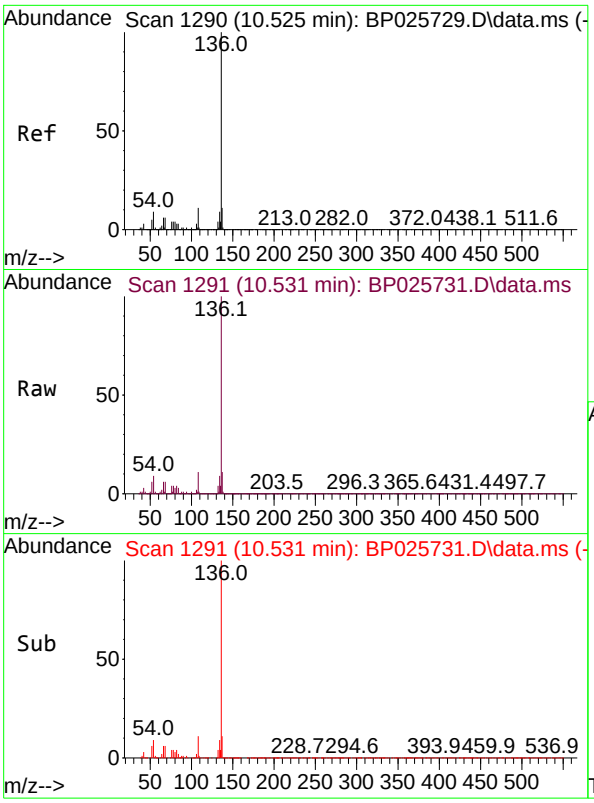


#20
3+4-Methylphenols
Concen: 59.431 ng
RT: 8.531 min Scan# 951
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:107 Resp: 706319

Ion	Ratio	Lower	Upper
107	100		
108	88.7	67.8	107.8
77	34.8	16.1	56.1
79	30.5	10.5	50.5



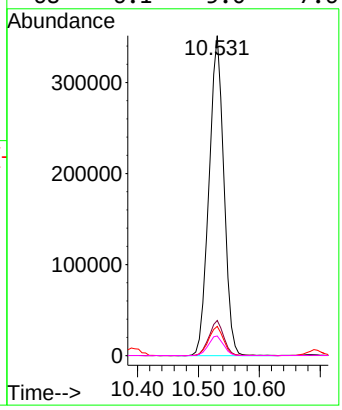


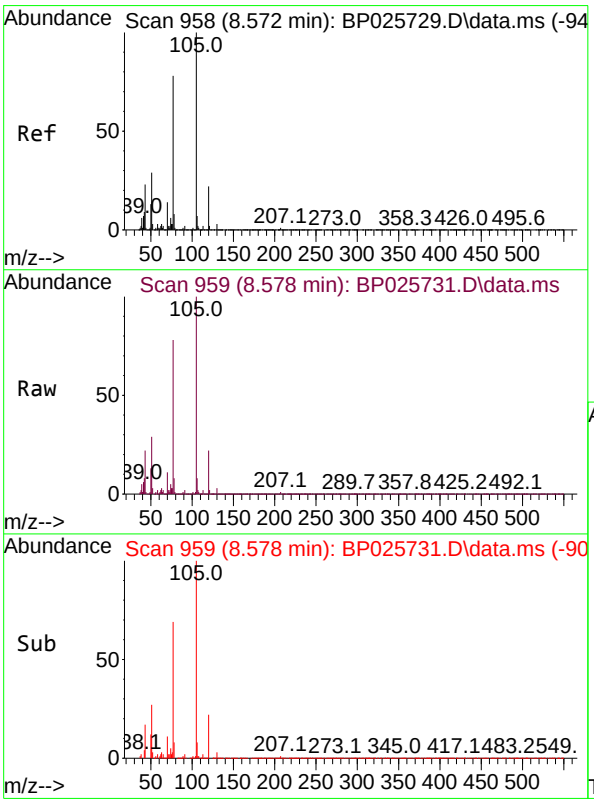
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.531 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 594465

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.1	7.5	11.3
68	6.1	5.0	7.6

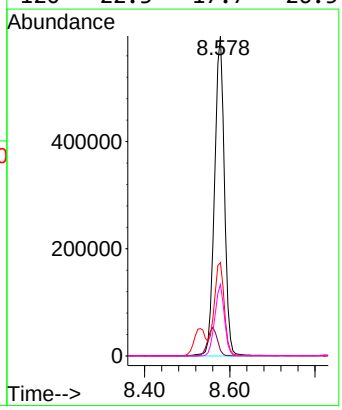


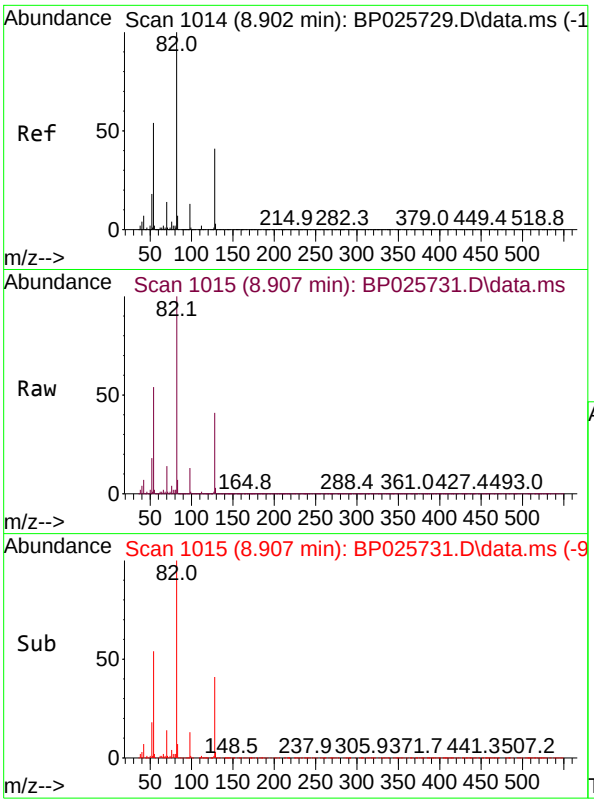


#22
Acetophenone
Concen: 60.398 ng
RT: 8.578 min Scan# 959
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:105 Resp: 959504

Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.8	2.8#
51	29.1	23.5	35.3
120	22.3	17.7	26.5



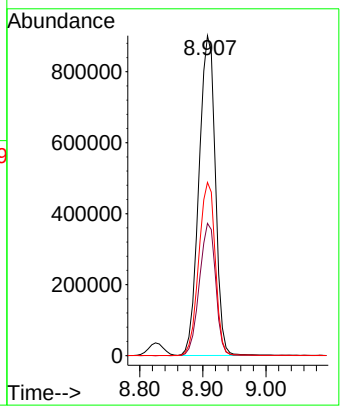


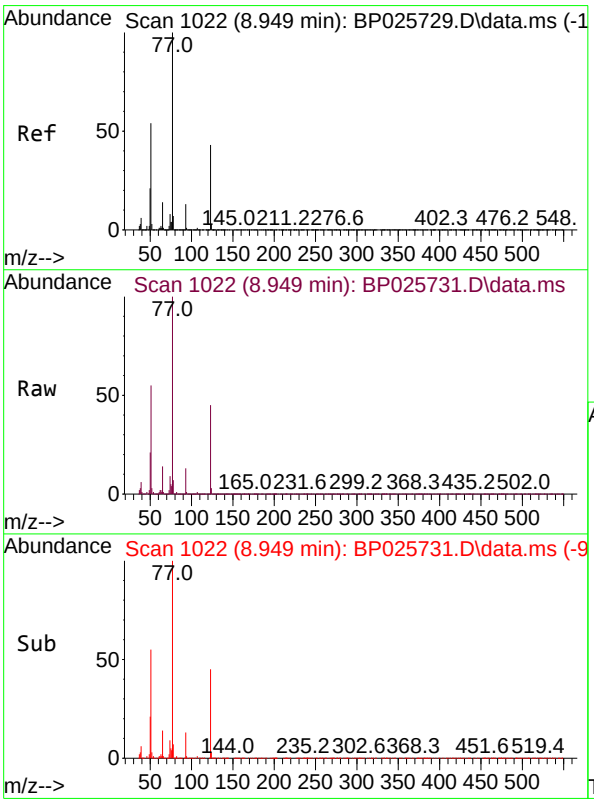
#23
Nitrobenzene-d5
Concen: 120.514 ng
RT: 8.907 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1624115

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.9	49.3
54	54.1	43.4	65.2

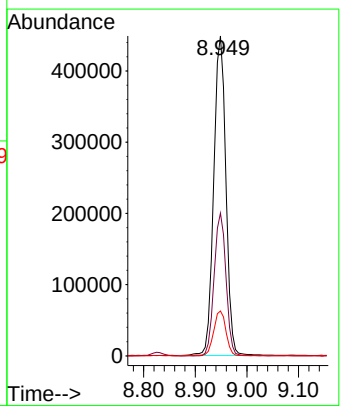


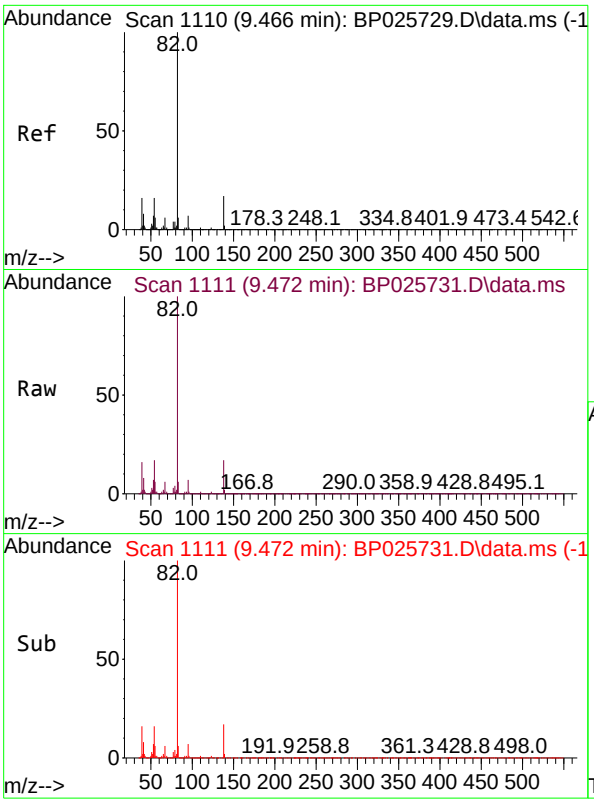


#24
Nitrobenzene
Concen: 60.626 ng
RT: 8.949 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 77 Resp: 732954

Ion	Ratio	Lower	Upper
77	100		
123	44.6	34.4	51.6
65	14.0	10.8	16.2



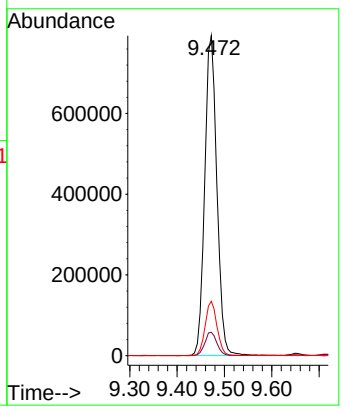


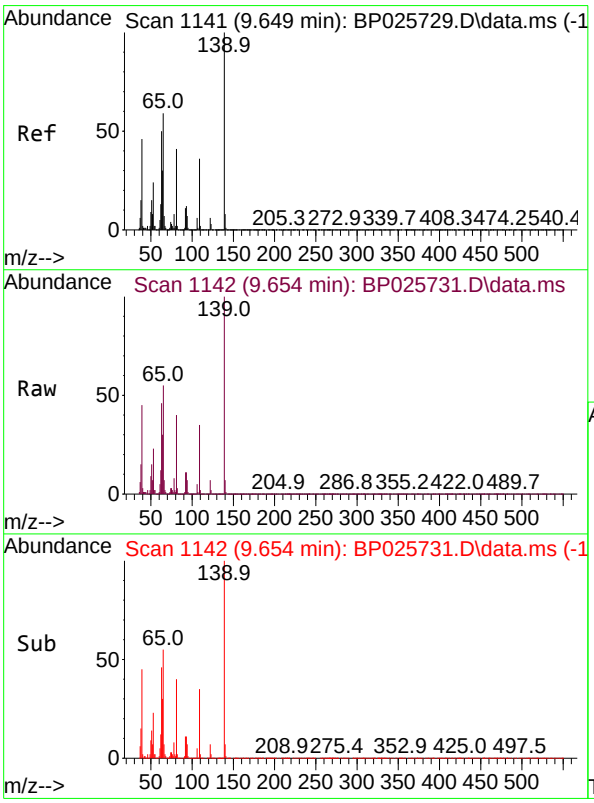
#25
Isophorone
Concen: 59.586 ng
RT: 9.472 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1411439

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	17.0	13.5	20.3

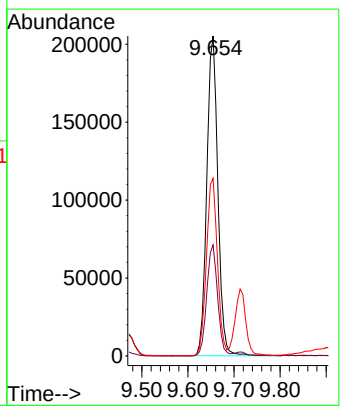


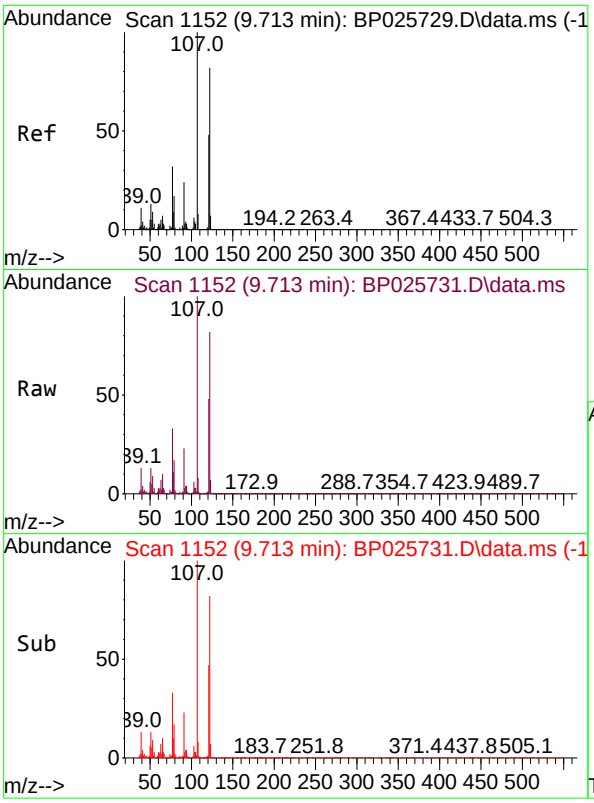


#26
2-Nitrophenol
Concen: 63.706 ng
RT: 9.654 min Scan# 1142
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:139 Resp: 341952

Ion	Ratio	Lower	Upper
139	100		
109	34.7	29.0	43.4
65	55.5	46.9	70.3



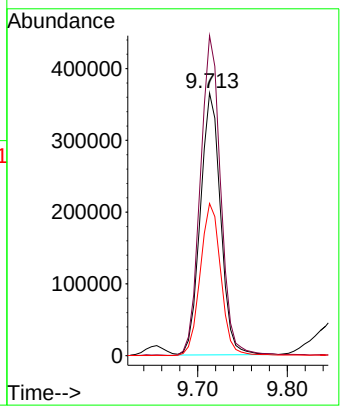


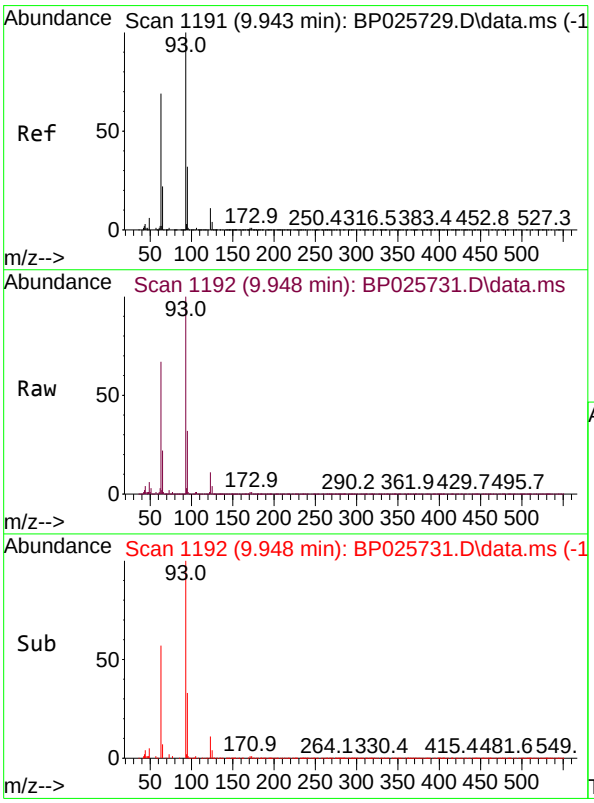
#27
2,4-Dimethylphenol
Concen: 60.651 ng
RT: 9.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 571131

Ion	Ratio	Lower	Upper
122	100		
107	121.9	97.9	146.9
121	57.9	47.4	71.0

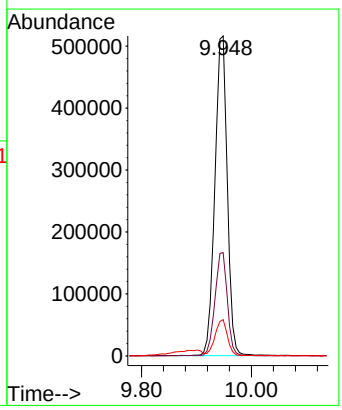


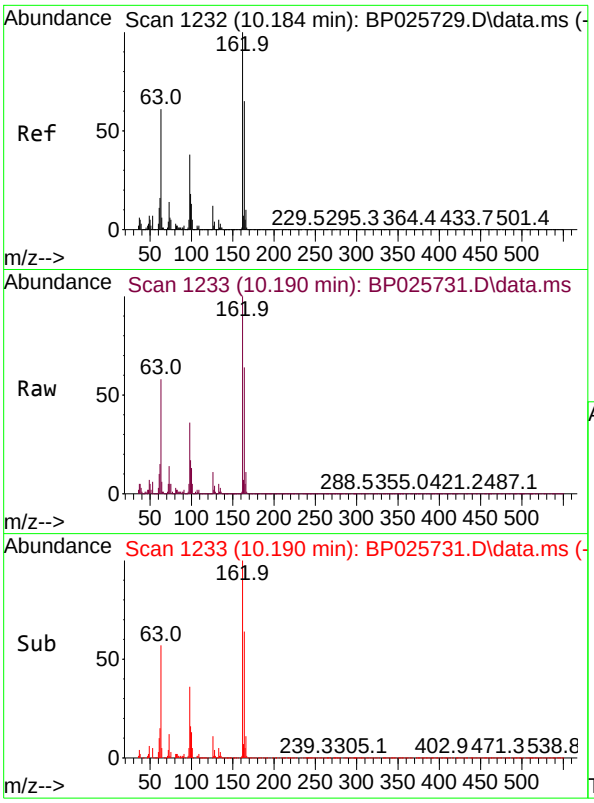


#28
bis(2-Chloroethoxy)methane
Concen: 58.855 ng
RT: 9.948 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 93 Resp: 805869

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.6	38.4
123	11.4	9.2	13.8



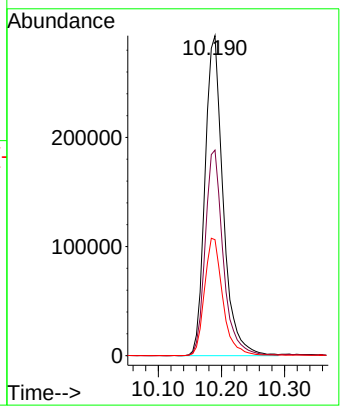


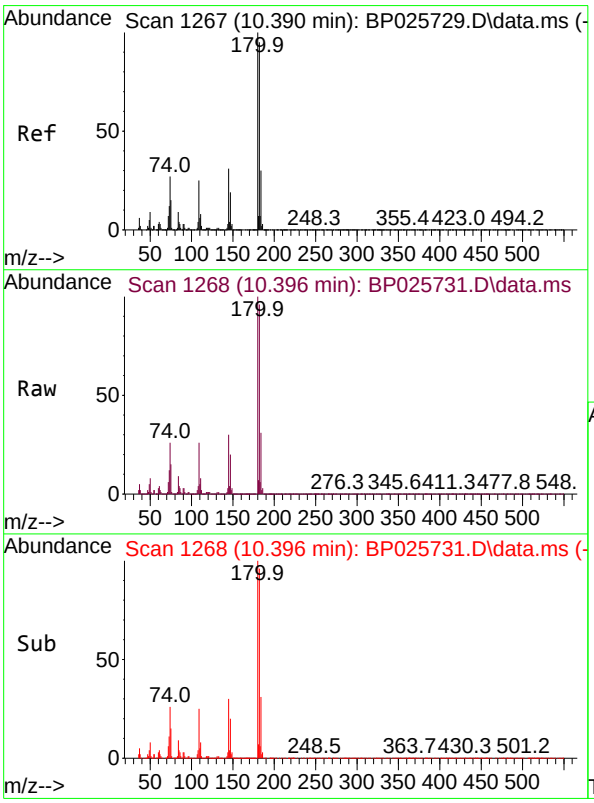
#29
2,4-Dichlorophenol
Concen: 62.152 ng
RT: 10.190 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 583539

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.7	84.7
98	36.2	18.1	58.1

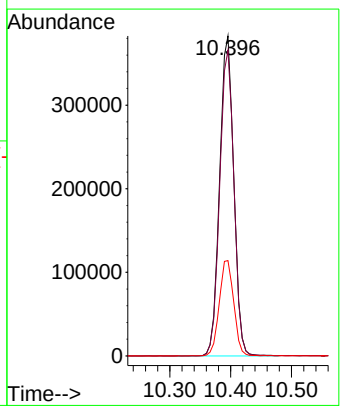


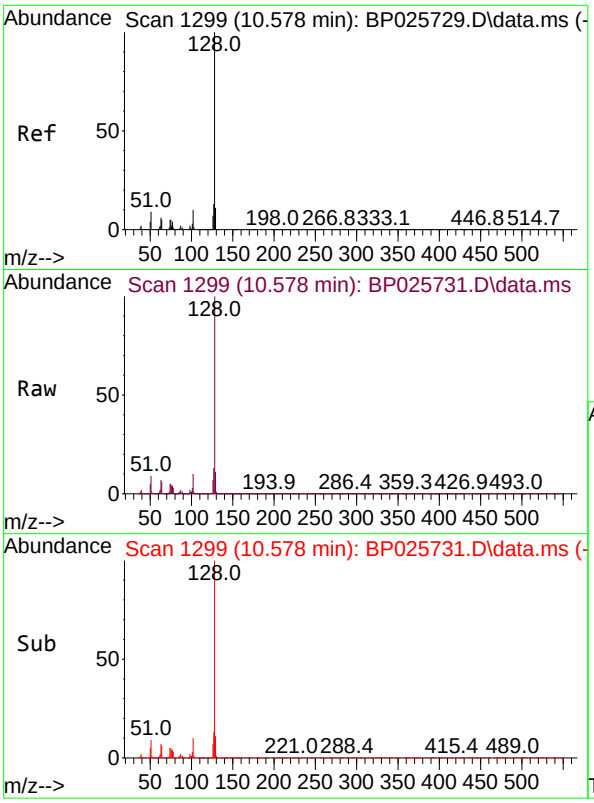


#30
1,2,4-Trichlorobenzene
Concen: 58.392 ng
RT: 10.396 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:180 Resp: 617864

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.0	114.0
145	29.8	24.7	37.1



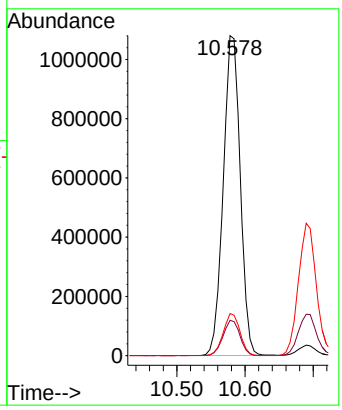


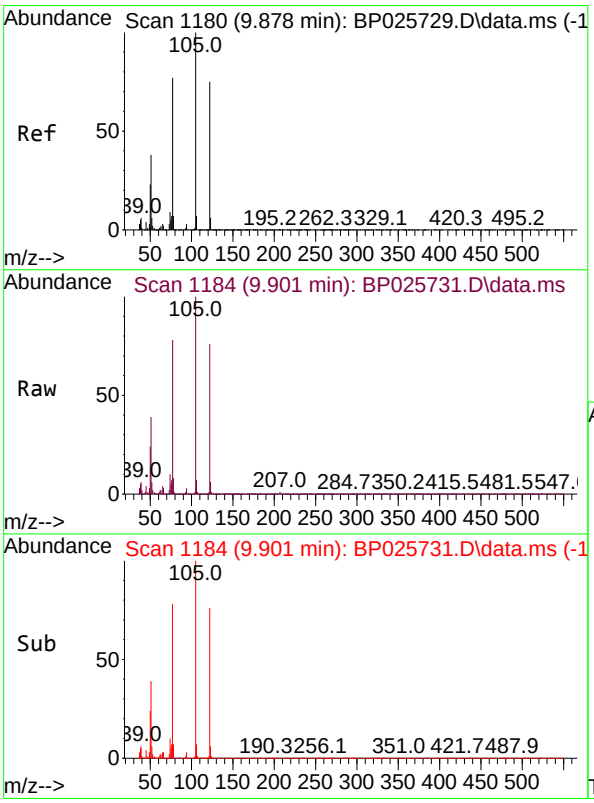
#31
Naphthalene
Concen: 58.065 ng
RT: 10.578 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 1861226

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.1	10.2	15.4

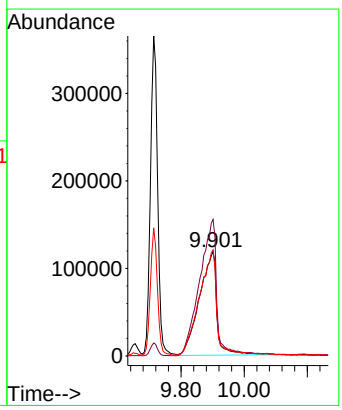


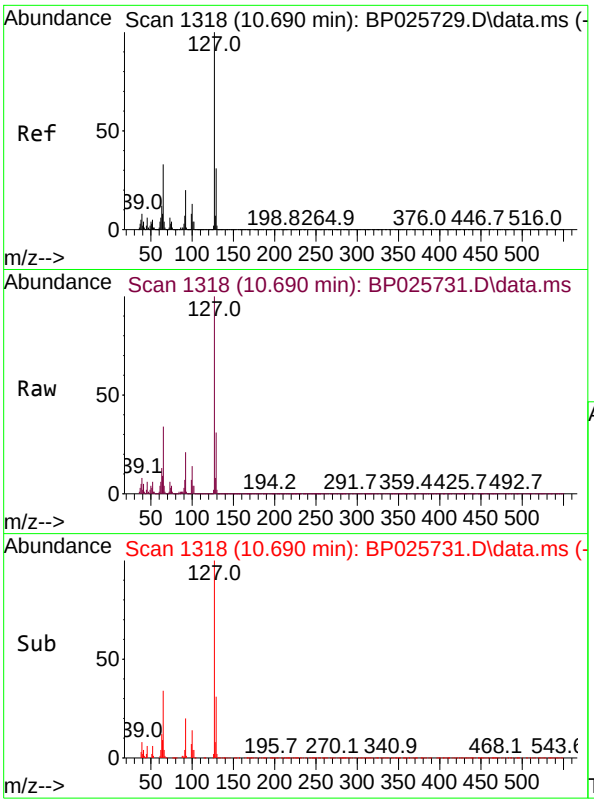


#32
Benzoic acid
Concen: 65.376 ng
RT: 9.901 min Scan# 1184
Delta R.T. 0.023 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:122 Resp: 457710

Ion	Ratio	Lower	Upper
122	100		
105	131.1	111.5	151.5
77	101.9	81.8	121.8



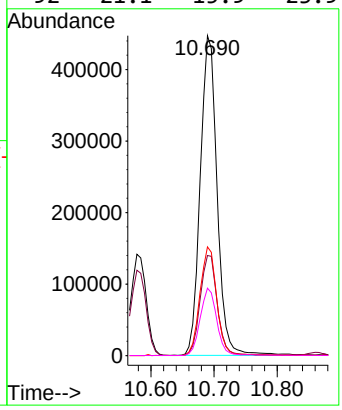


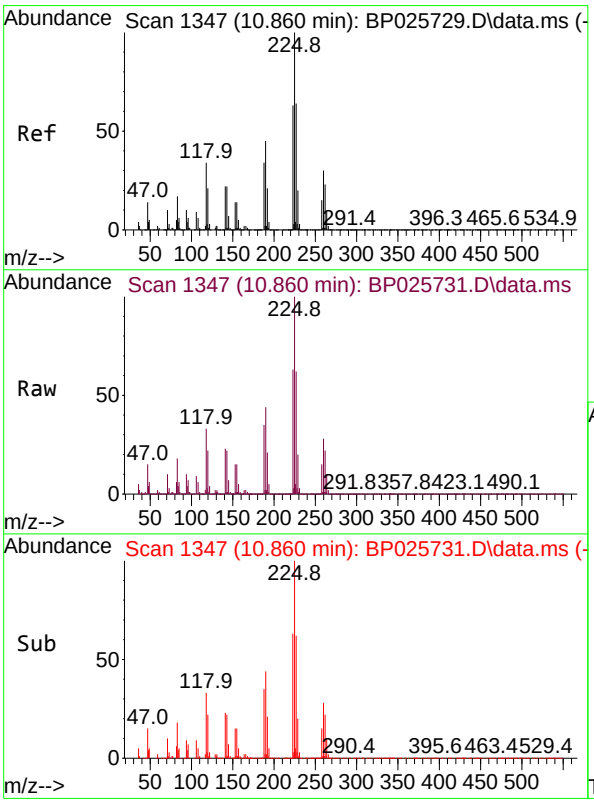
#33
4-Chloroaniline
Concen: 62.014 ng
RT: 10.690 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 828517

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.1	37.7
65	34.0	26.4	39.6
92	21.1	15.9	23.9

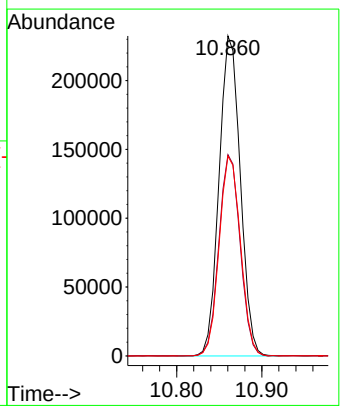


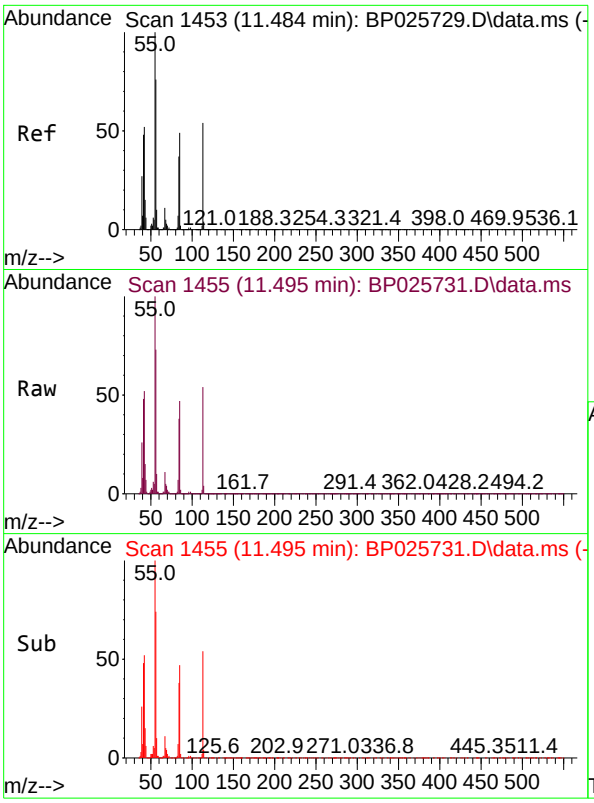


#34
Hexachlorobutadiene
Concen: 59.079 ng
RT: 10.860 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:225 Resp: 402426

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.1	75.1
227	62.4	51.2	76.8



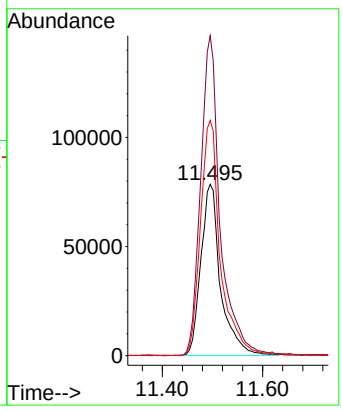


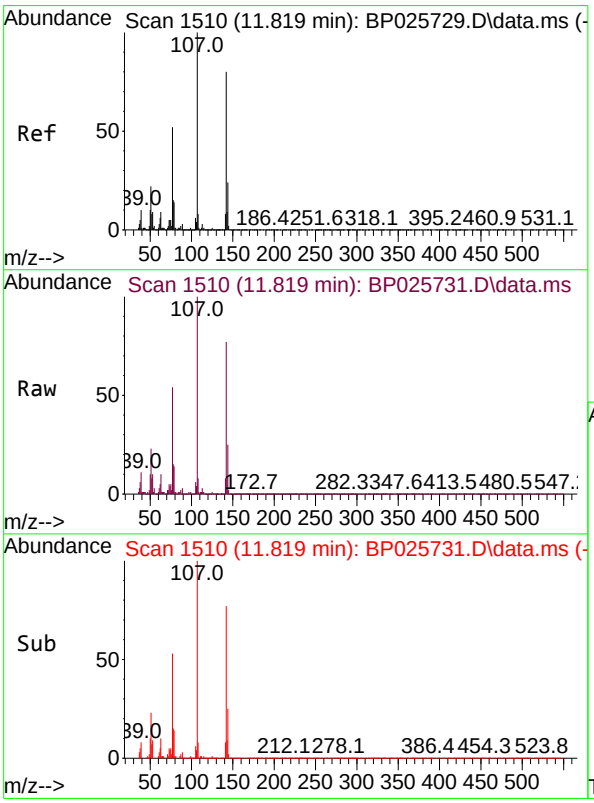
#35
Caprolactam
Concen: 59.232 ng
RT: 11.495 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 213931

Ion	Ratio	Lower	Upper
113	100		
55	186.8	165.5	205.5
56	137.2	121.1	161.1

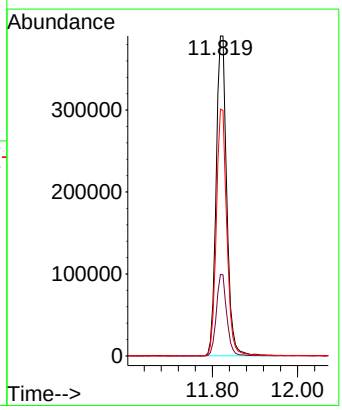


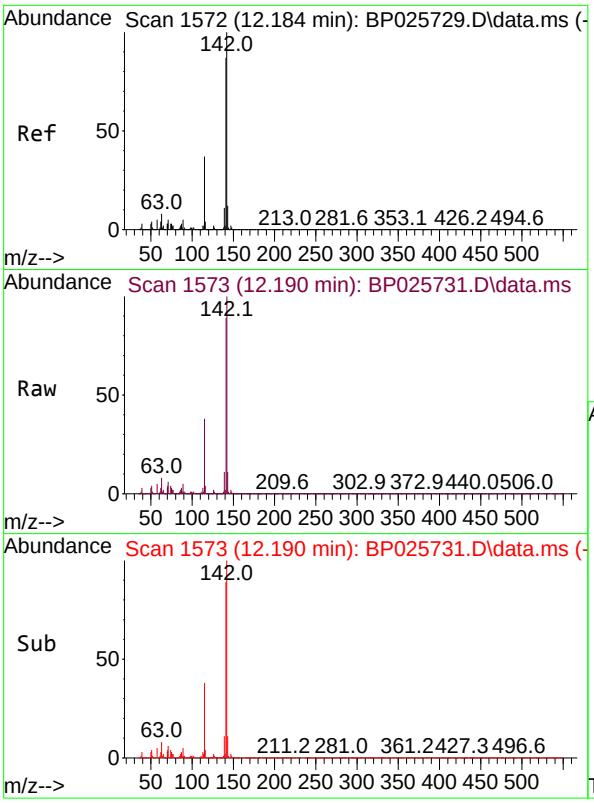


#36
4-Chloro-3-methylphenol
Concen: 60.073 ng
RT: 11.819 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:107 Resp: 672438

Ion	Ratio	Lower	Upper
107	100		
144	25.5	19.4	29.2
142	77.1	63.8	95.6



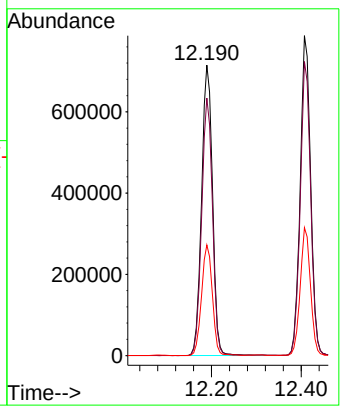


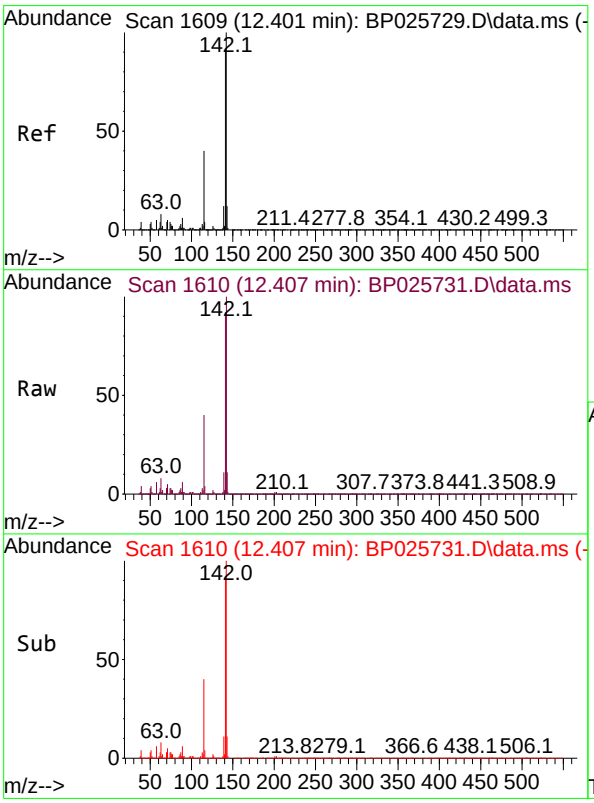
#37
2-Methylnaphthalene
Concen: 58.676 ng
RT: 12.190 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1207999

Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.6	104.4
115	38.1	30.0	45.0

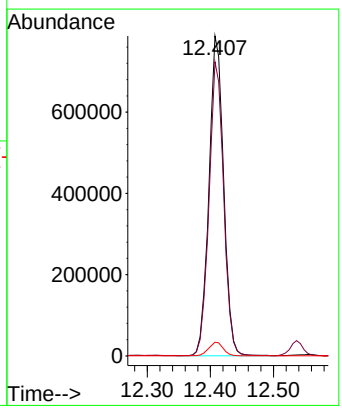


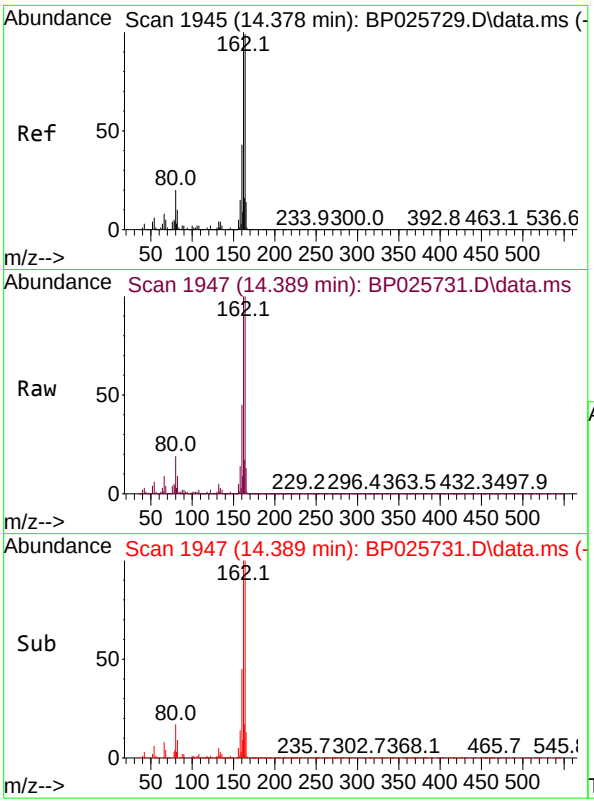


#38
1-Methylnaphthalene
Concen: 57.909 ng
RT: 12.407 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:142 Resp: 1271354

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.7	109.1
116	4.3	3.5	5.3



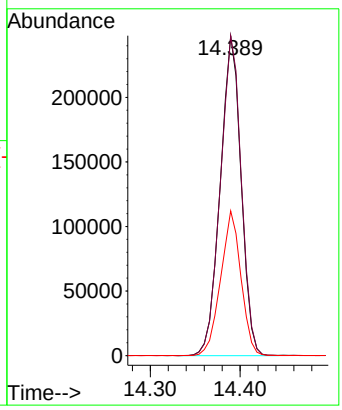


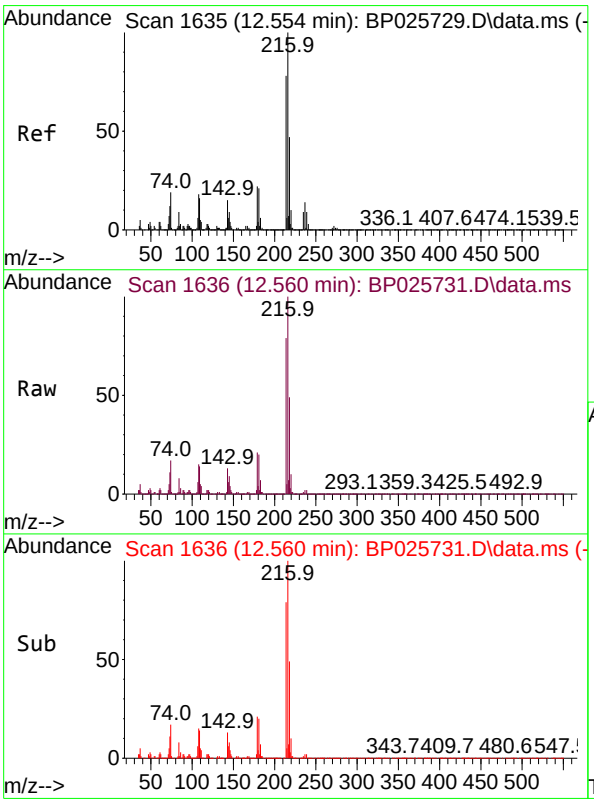
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 19
Delta R.T. 0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 399973

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.6	120.8
160	45.4	35.0	52.6

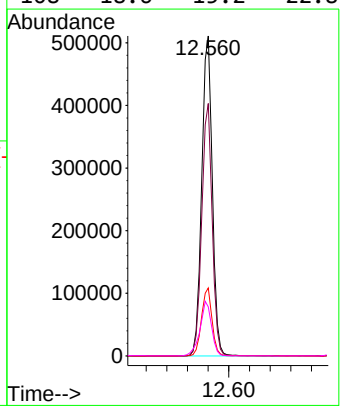


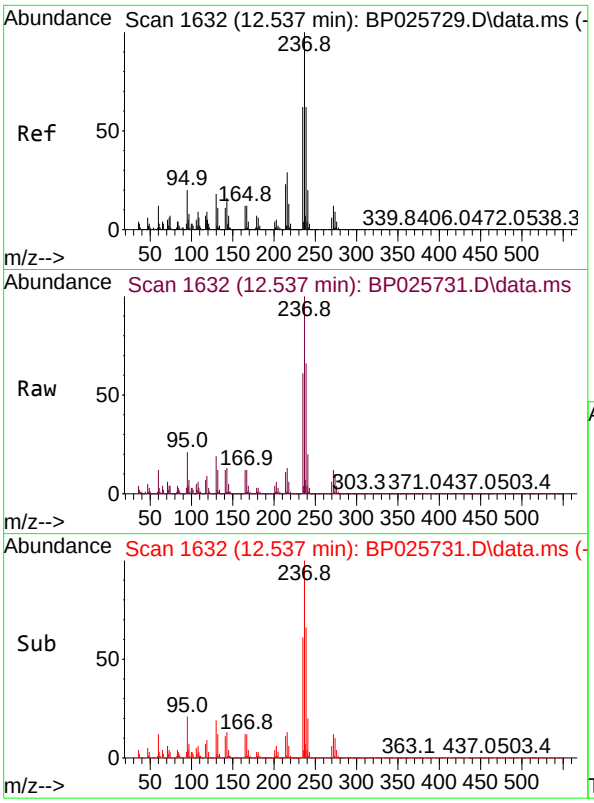


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.814 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:216 Resp: 724963

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.4	93.6
179	21.1	17.0	25.6
108	18.6	15.2	22.8



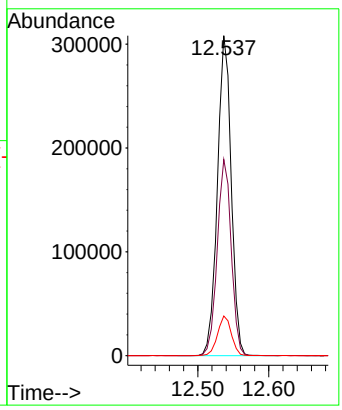


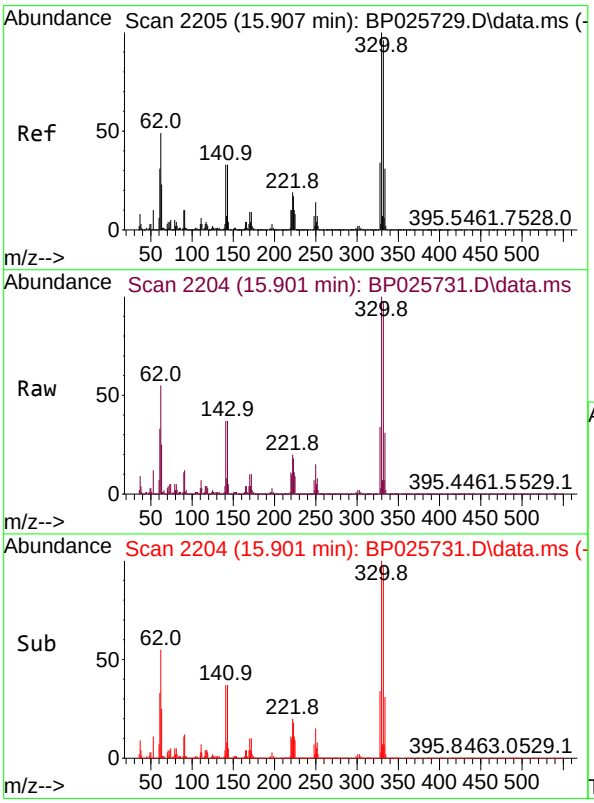
#41
Hexachlorocyclopentadiene
Concen: 63.104 ng
RT: 12.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 416561

Ion	Ratio	Lower	Upper
237	100		
235	61.3	41.9	81.9
272	12.4	0.0	31.8

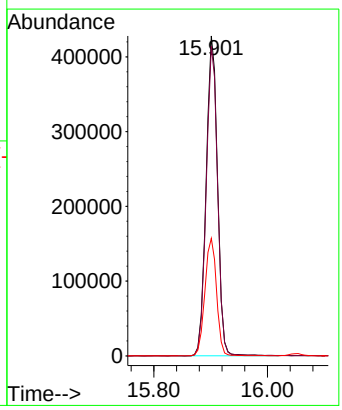


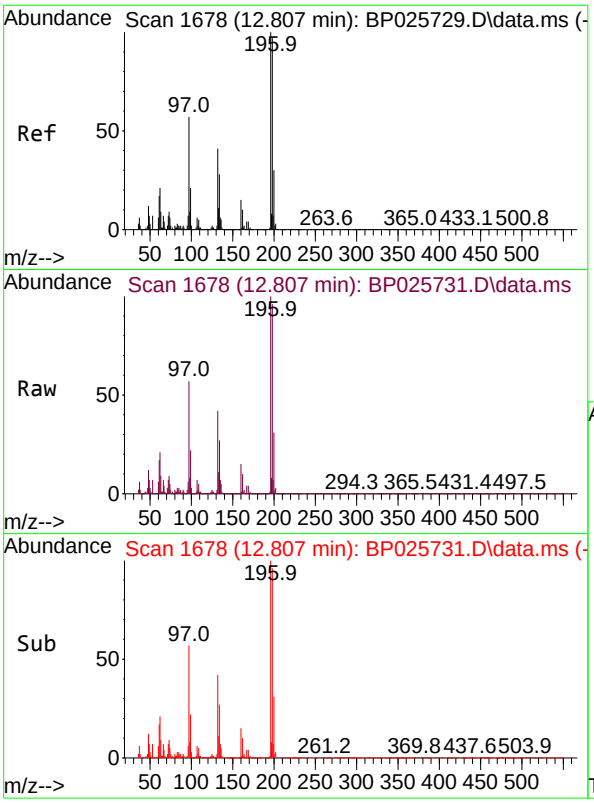


#42
2,4,6-Tribromophenol
Concen: 119.643 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:330 Resp: 596882

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	37.5	31.0	46.4



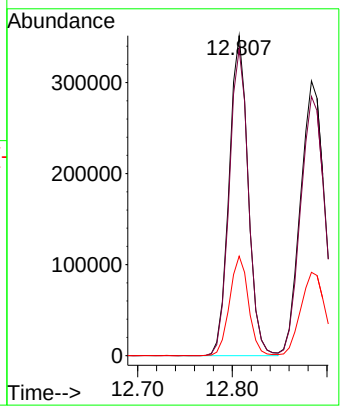


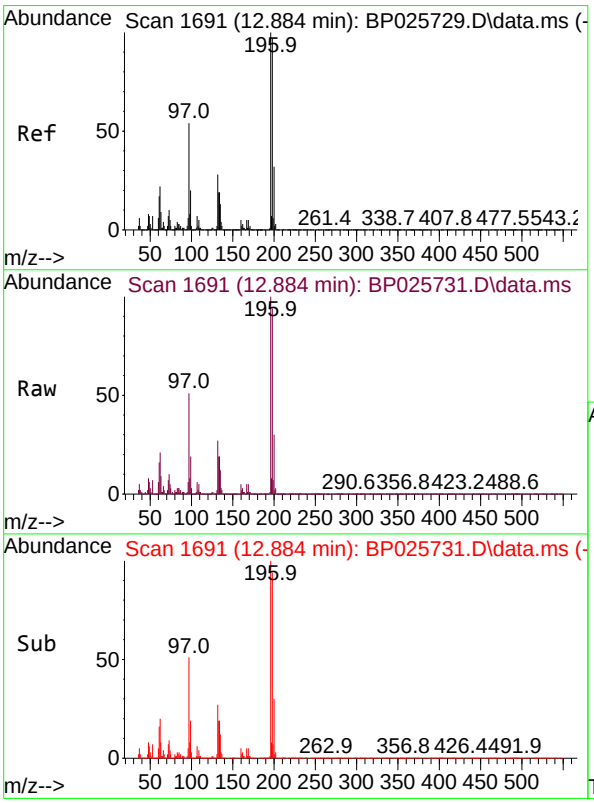
#43
2,4,6-Trichlorophenol
Concen: 61.525 ng
RT: 12.807 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 490224

Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.2	115.8
200	31.1	24.2	36.2

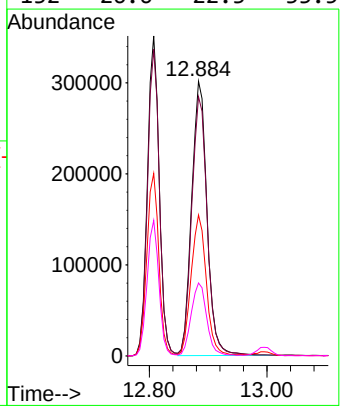


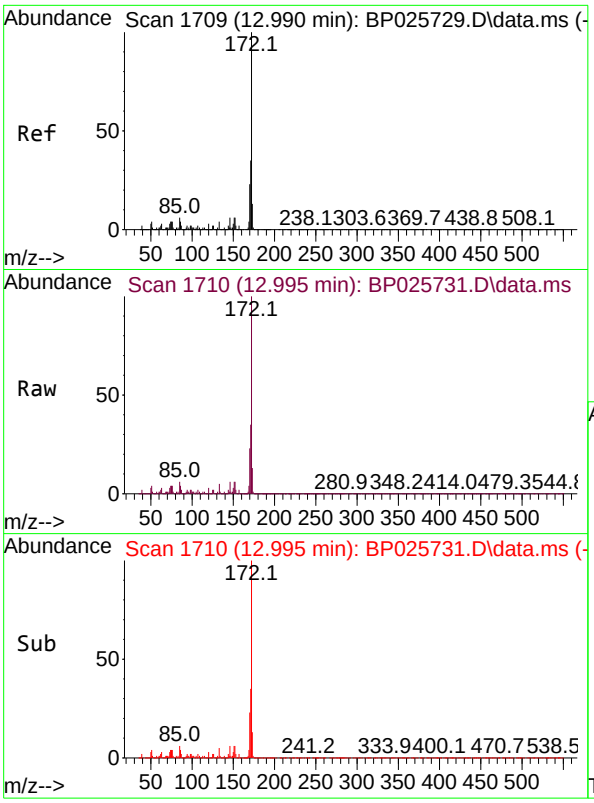


#44
2,4,5-Trichlorophenol
Concen: 61.887 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:196 Resp: 548795

Ion	Ratio	Lower	Upper
196	100		
198	94.4	77.8	116.8
97	51.3	43.3	64.9
132	26.6	22.3	33.5



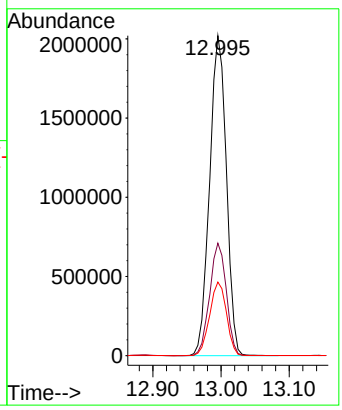


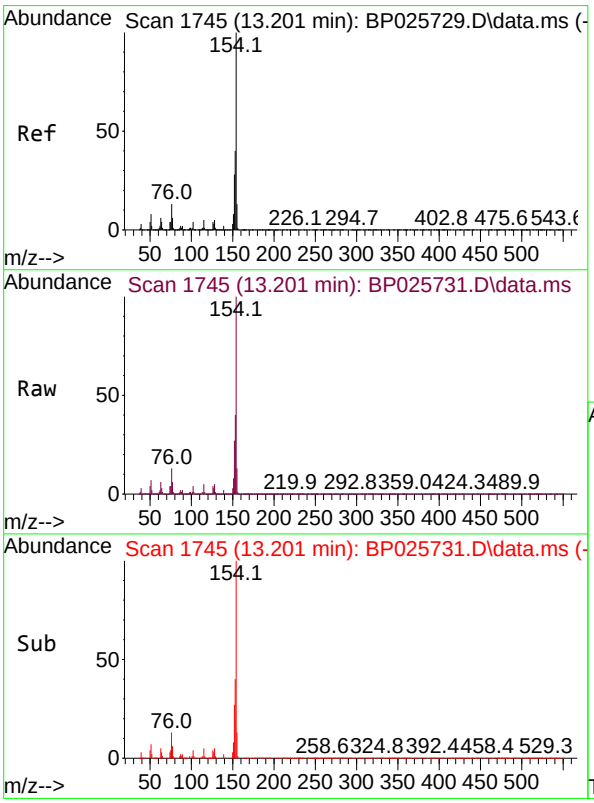
#45
2-Fluorobiphenyl
Concen: 114.546 ng
RT: 12.995 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 3440852

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	23.0	18.6	27.8

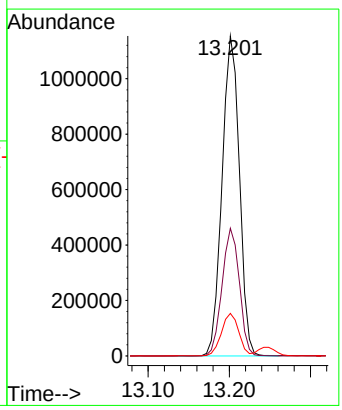


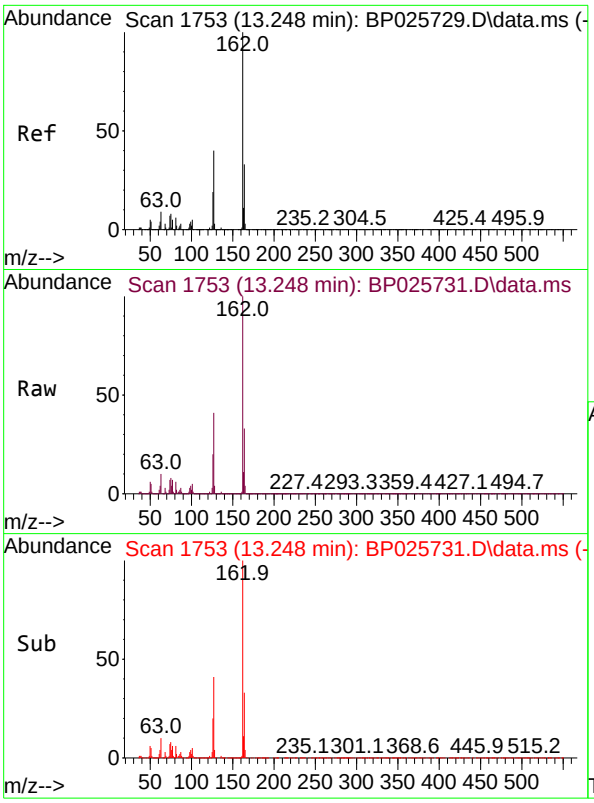


#46
1,1'-Biphenyl
Concen: 58.250 ng
RT: 13.201 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:154 Resp: 1710115

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.7	59.7
76	13.3	0.0	33.3



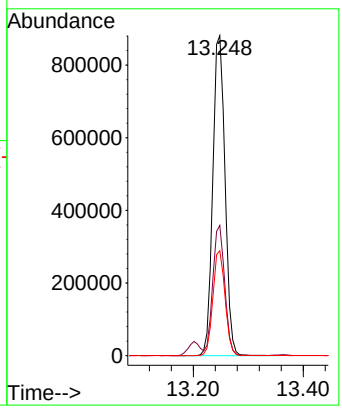


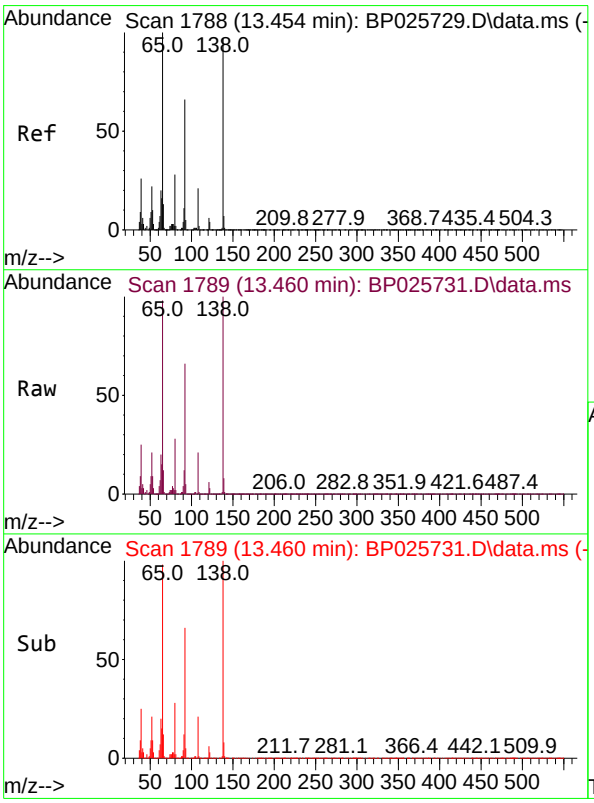
#47
2-Chloronaphthalene
Concen: 58.754 ng
RT: 13.248 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1358189

Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.2	48.4
164	32.8	26.5	39.7

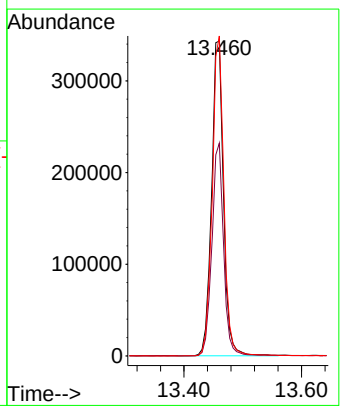


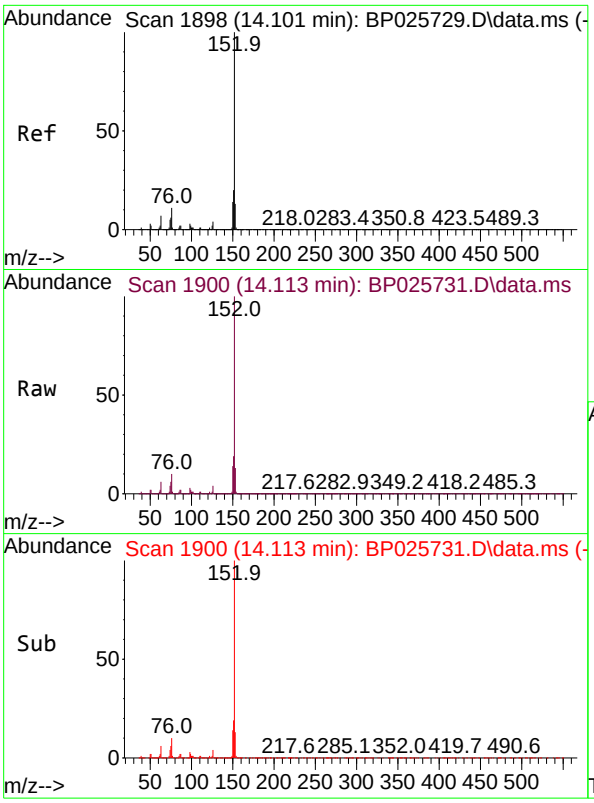


#48
2-Nitroaniline
Concen: 62.541 ng
RT: 13.460 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 65 Resp: 481928

Ion	Ratio	Lower	Upper
65	100		
92	67.6	53.1	79.7
138	101.6	77.8	116.8



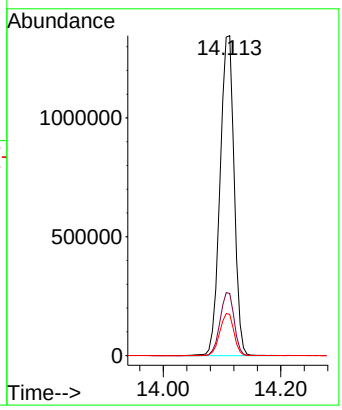


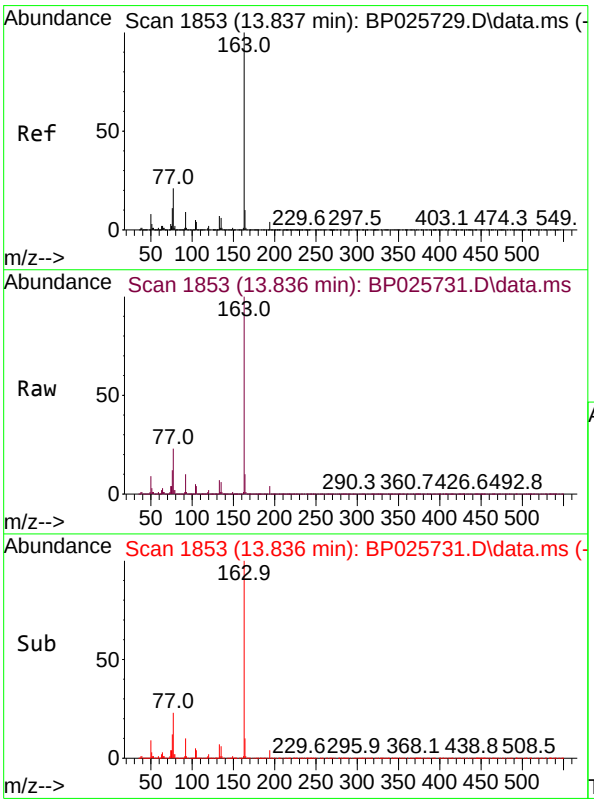
#49
Acenaphthylene
Concen: 58.613 ng
RT: 14.113 min Scan# 19
Delta R.T. 0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 2244987

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	12.9	10.5	15.7

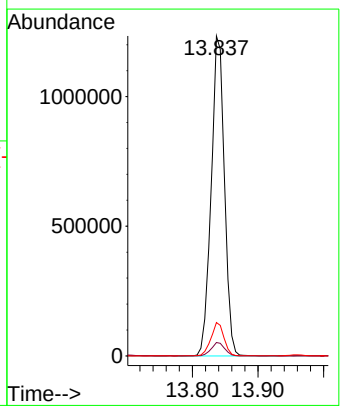


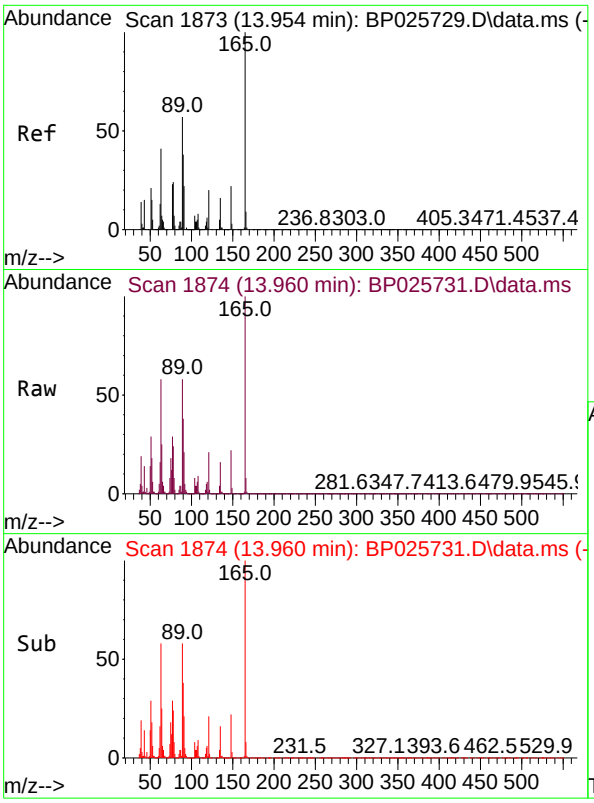


#50
Dimethylphthalate
Concen: 56.838 ng
RT: 13.836 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:163 Resp: 1735637

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.4	8.2	12.2



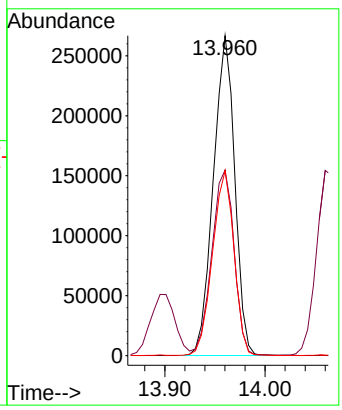


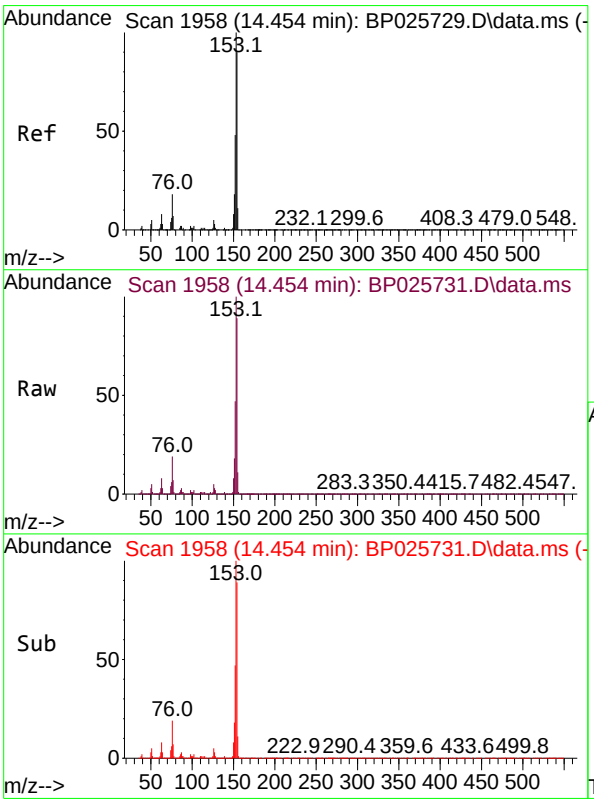
#51
2,6-Dinitrotoluene
Concen: 61.166 ng
RT: 13.960 min Scan# 18
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 395721

Ion	Ratio	Lower	Upper
165	100		
63	58.0	48.1	72.1
89	57.7	45.4	68.0

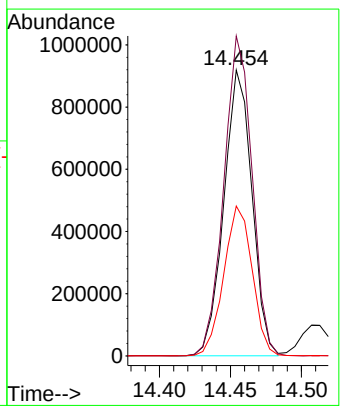


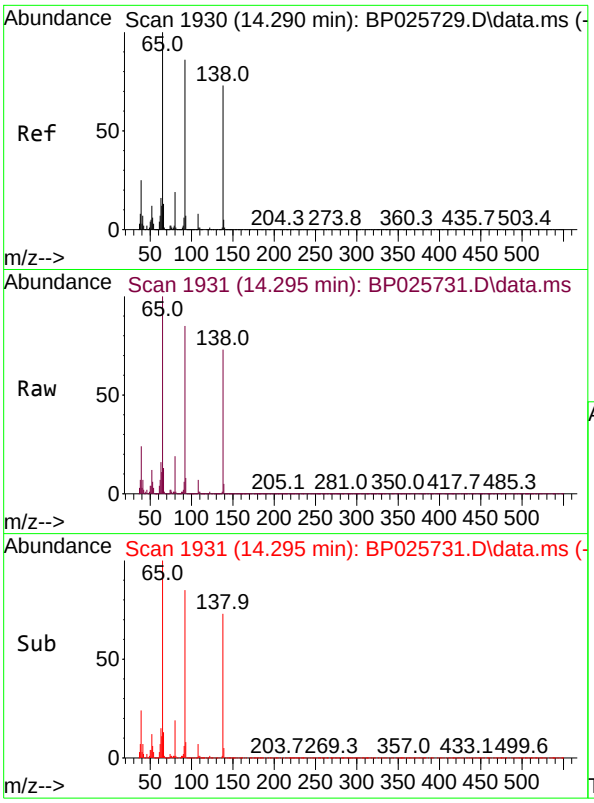


#52
Acenaphthene
Concen: 57.334 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:154 Resp: 1266404

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.4	134.0
152	52.4	42.5	63.7



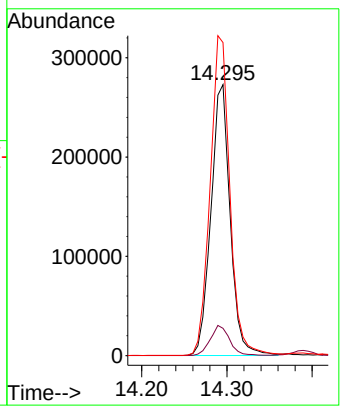


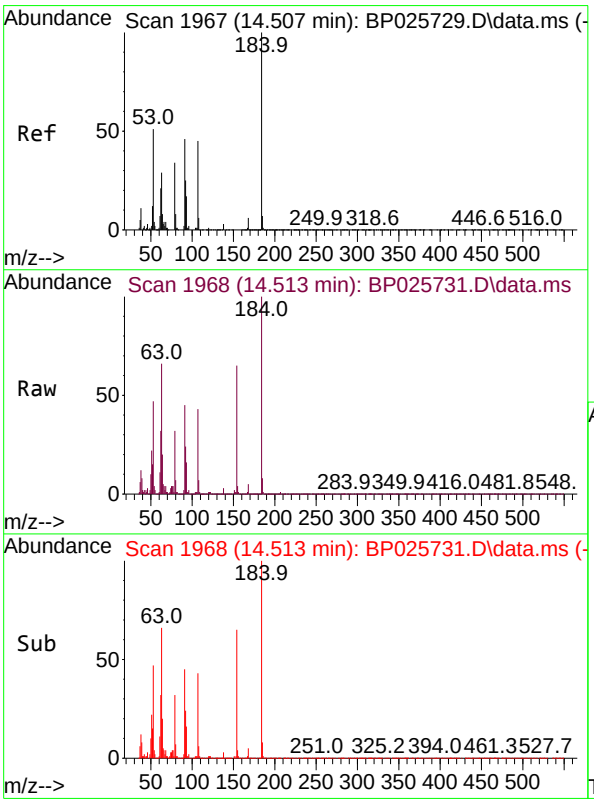
#53
3-Nitroaniline
Concen: 62.976 ng
RT: 14.295 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 428446

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.7	13.1
92	115.5	94.6	142.0

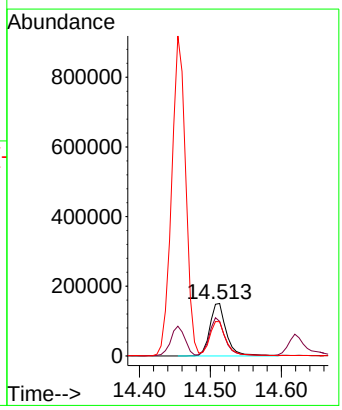


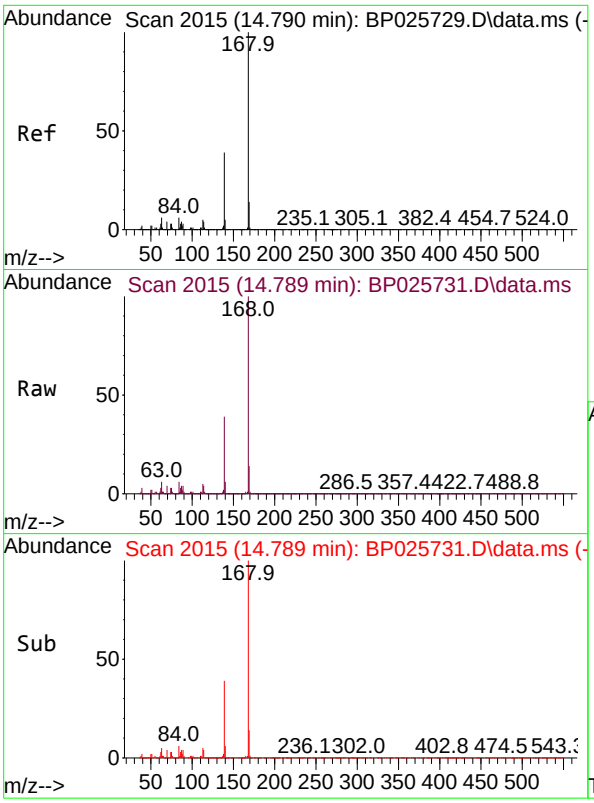


#54
2,4-Dinitrophenol
Concen: 58.695 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:184 Resp: 241144

Ion	Ratio	Lower	Upper
184	100		
63	66.0	52.5	78.7
154	65.2	51.5	77.3



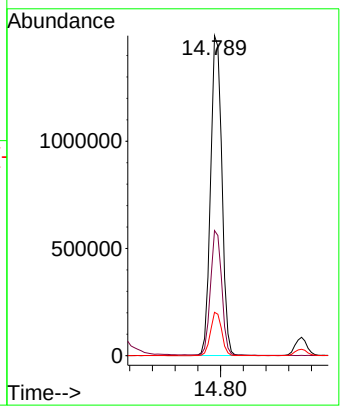


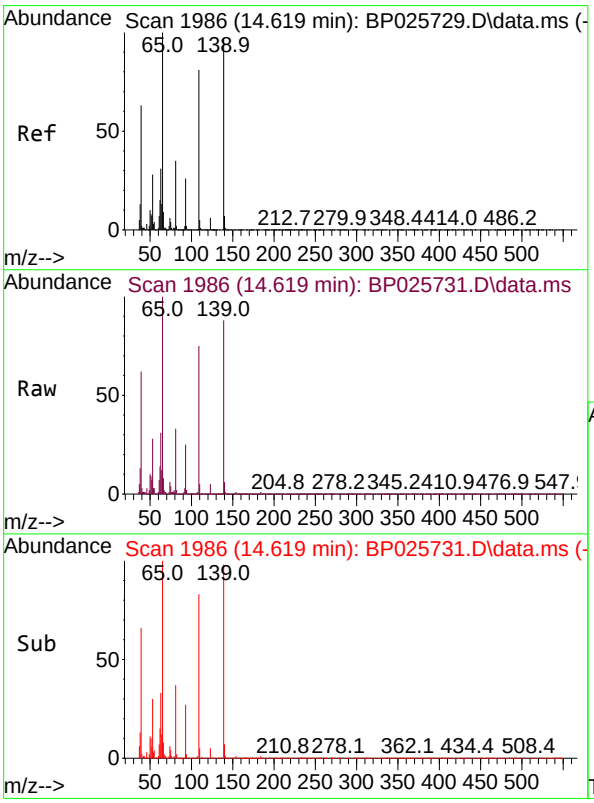
#55
Dibenzofuran
Concen: 57.280 ng
RT: 14.789 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 2062085

Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.7	47.5
169	13.6	10.8	16.2

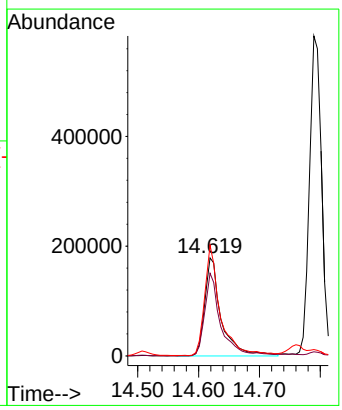


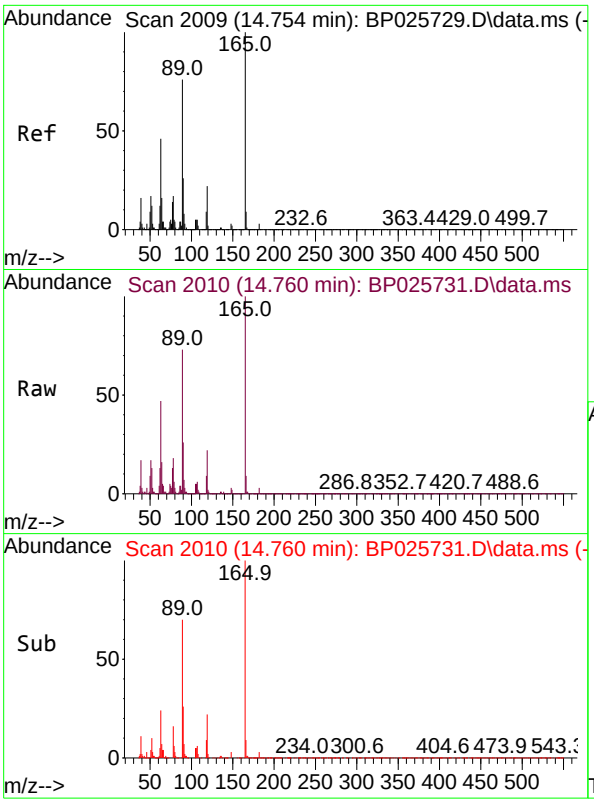


#56
4-Nitrophenol
Concen: 58.606 ng
RT: 14.619 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:139 Resp: 335924

Ion	Ratio	Lower	Upper
139	100		
109	84.3	62.9	102.9
65	113.1	83.4	123.4



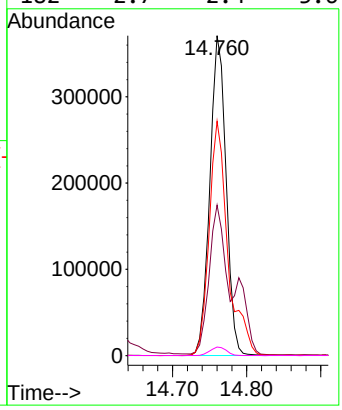


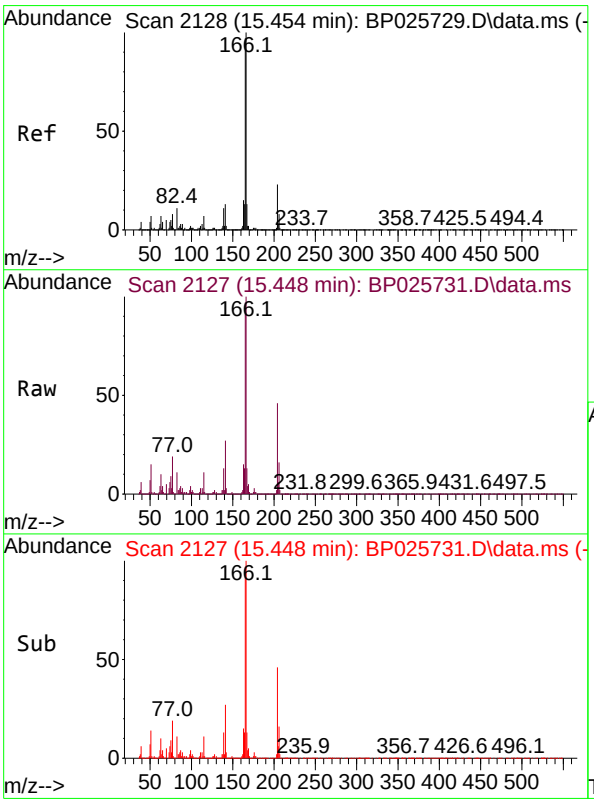
#57
2,4-Dinitrotoluene
Concen: 61.363 ng
RT: 14.760 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 564986

Ion	Ratio	Lower	Upper
165	100		
63	47.0	37.7	56.5
89	73.2	61.0	91.6
182	2.7	2.4	3.6

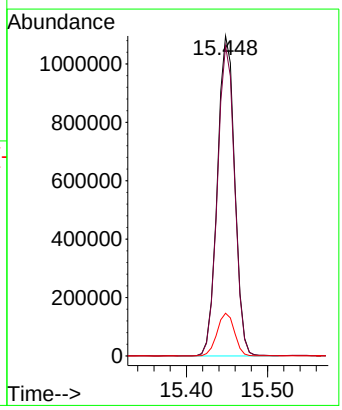


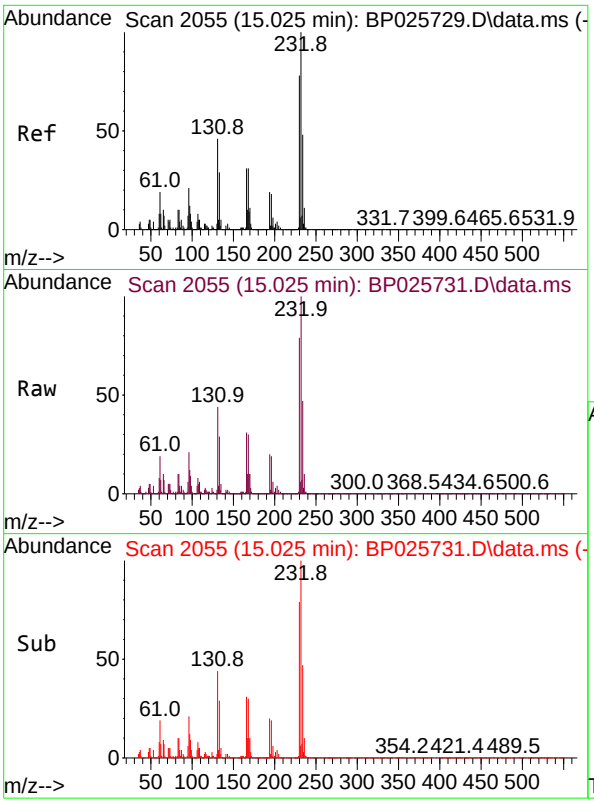


#58
Fluorene
Concen: 56.587 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:166 Resp: 1619859

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.7	116.5
167	13.3	10.6	16.0



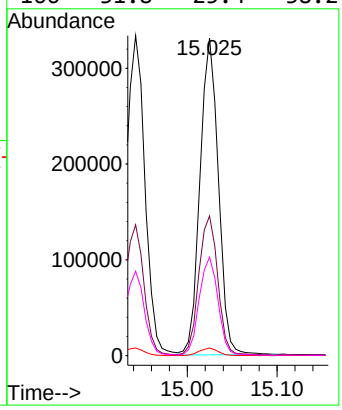


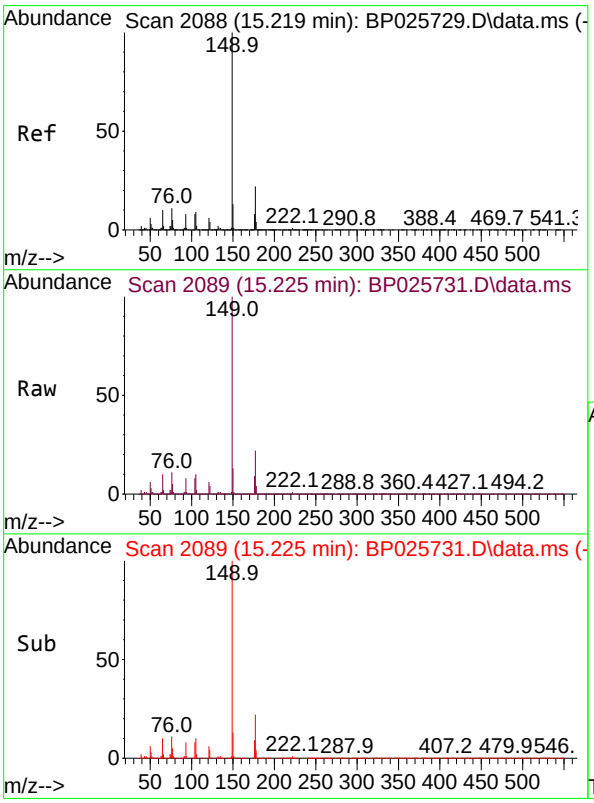
#59
2,3,4,6-Tetrachlorophenol
Concen: 59.043 ng
RT: 15.025 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 471644

Ion	Ratio	Lower	Upper
232	100		
131	45.9	36.7	55.1
130	2.5	2.0	3.0
166	31.8	25.4	38.2

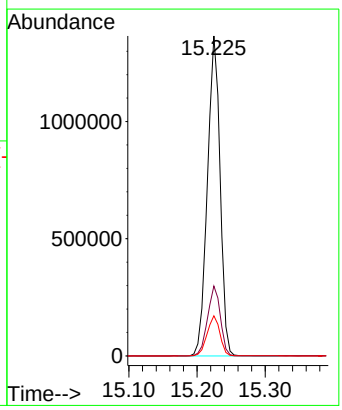


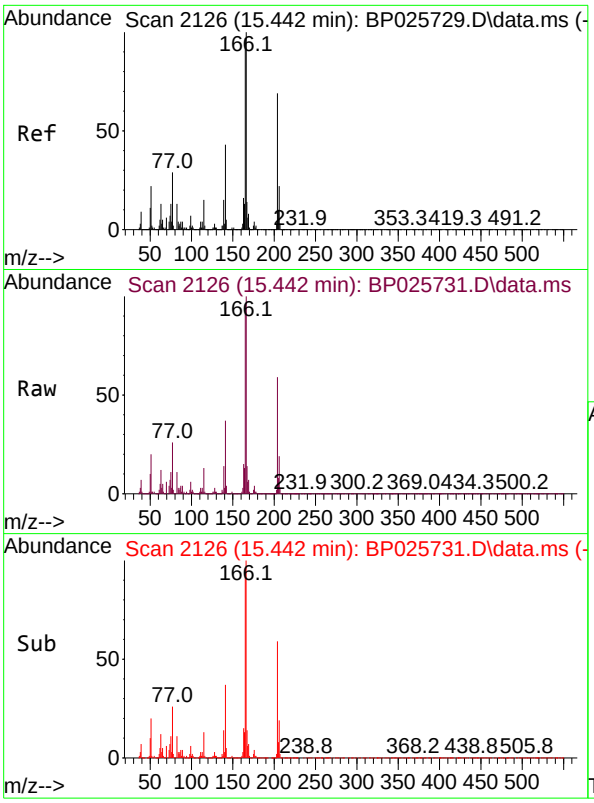


#60
Diethylphthalate
Concen: 57.046 ng
RT: 15.225 min Scan# 2089
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:149 Resp: 1767001

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.7	26.5
150	12.5	10.0	15.0



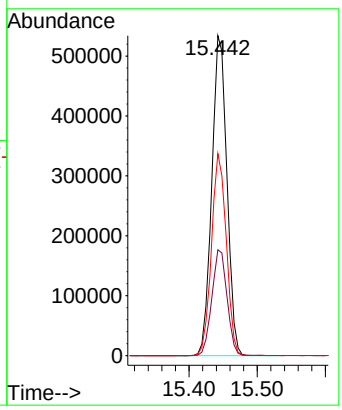


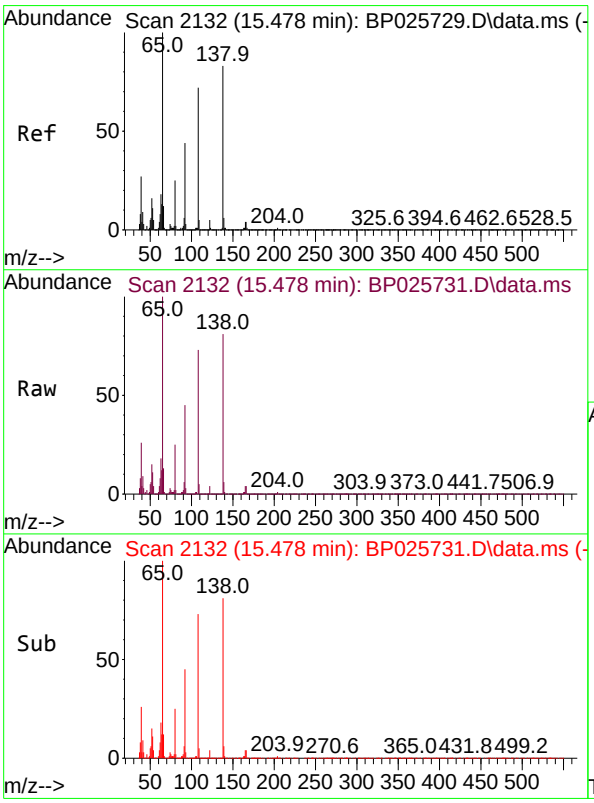
#61
4-Chlorophenyl-phenylether
Concen: 56.642 ng
RT: 15.442 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 817173

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	63.1	49.7	74.5

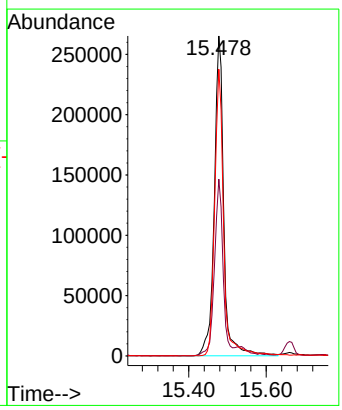


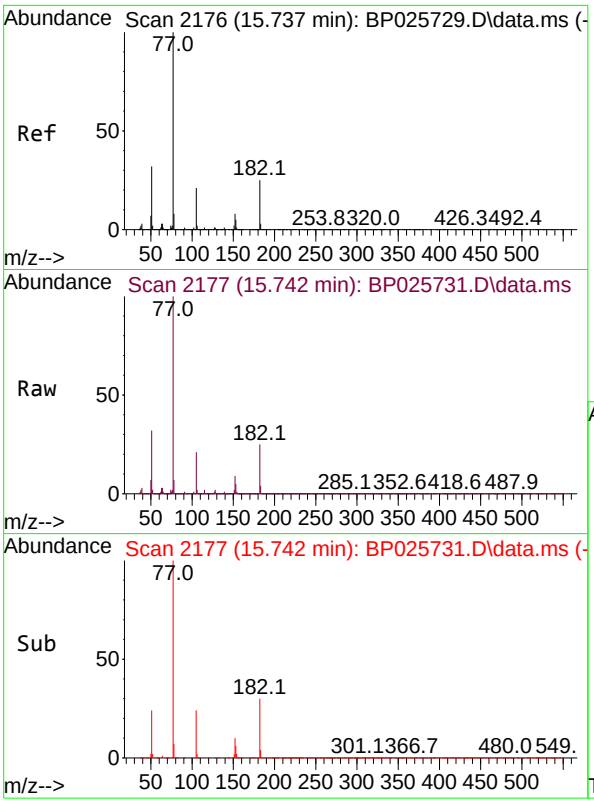


#62
4-Nitroaniline
Concen: 64.802 ng
RT: 15.478 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:138 Resp: 451315

Ion	Ratio	Lower	Upper
138	100		
92	55.2	33.3	73.3
108	89.6	66.7	106.7



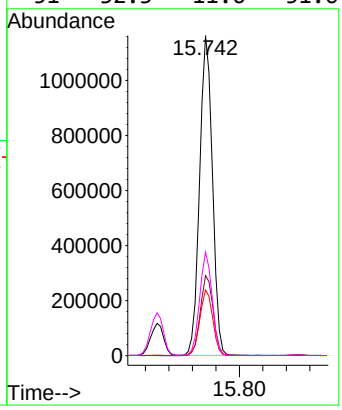


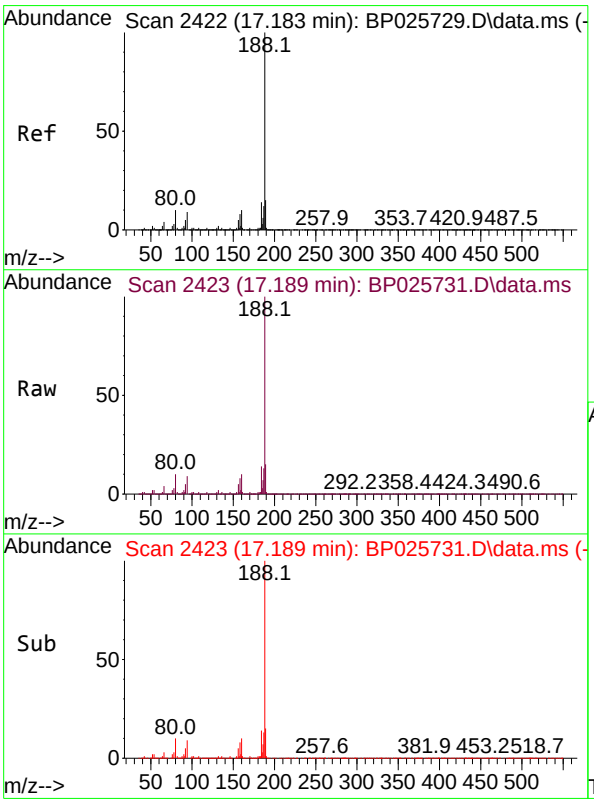
#63
Azobenzene
Concen: 58.817 ng
RT: 15.742 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 1761607

Ion	Ratio	Lower	Upper
77	100		
182	25.0	5.2	45.2
105	20.5	1.1	41.1
51	32.3	11.6	51.6

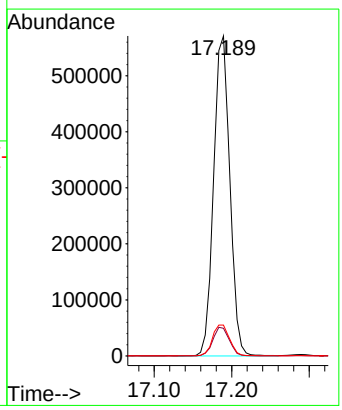


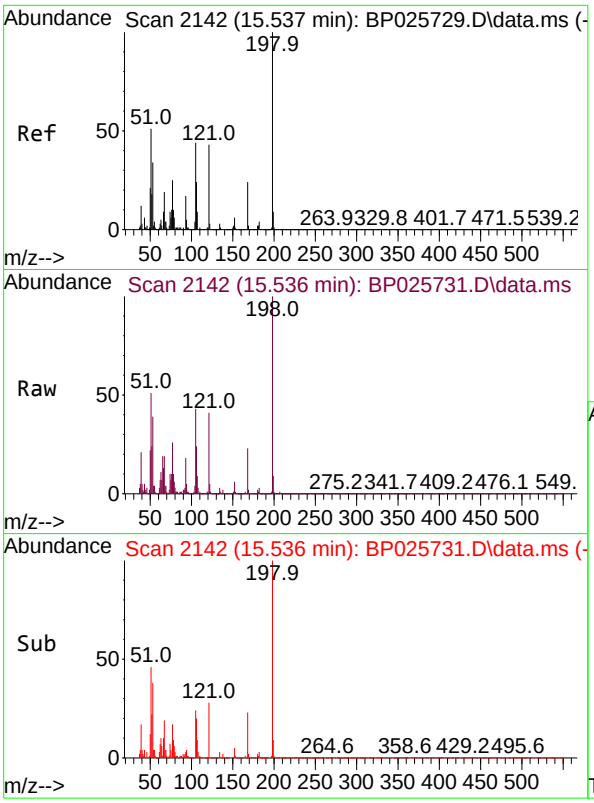


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:188 Resp: 829072

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.0
80	9.6	7.7	11.5



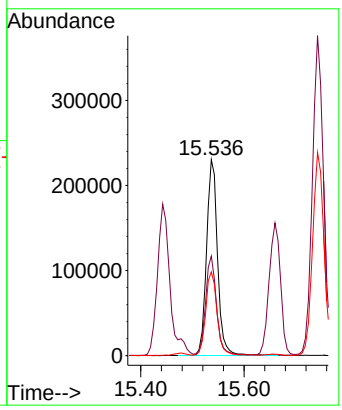


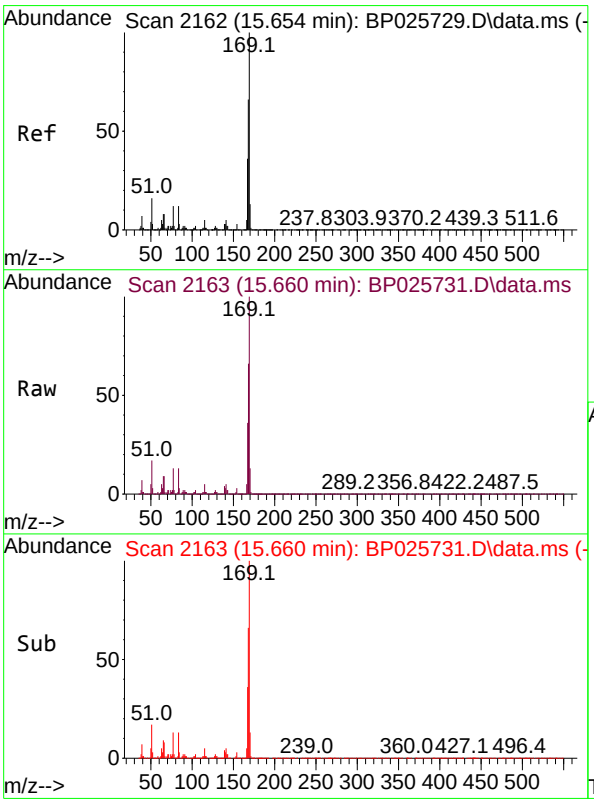
#65
4,6-Dinitro-2-methylphenol
Concen: 61.918 ng
RT: 15.536 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 341390

Ion	Ratio	Lower	Upper
198	100		
51	50.8	33.4	73.4
105	42.7	24.3	64.3

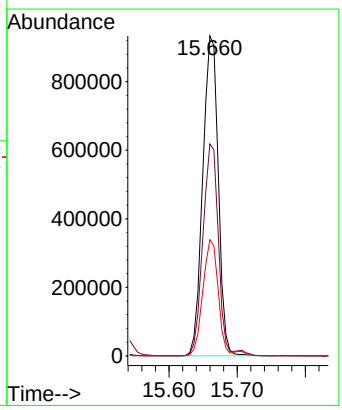


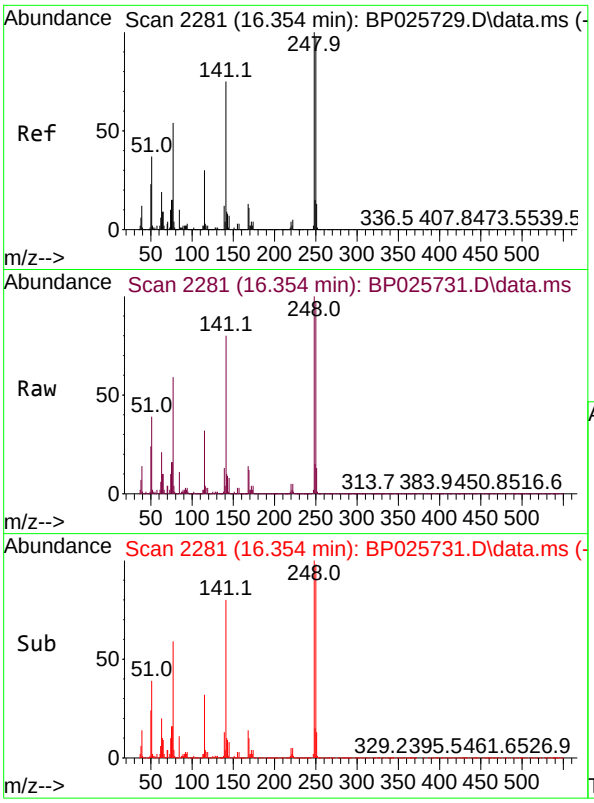


#66
n-Nitrosodiphenylamine
Concen: 58.214 ng
RT: 15.660 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:169 Resp: 1476982

Ion	Ratio	Lower	Upper
169	100		
168	66.2	52.6	78.8
167	36.3	28.5	42.7



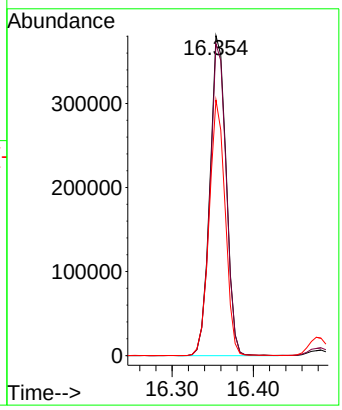


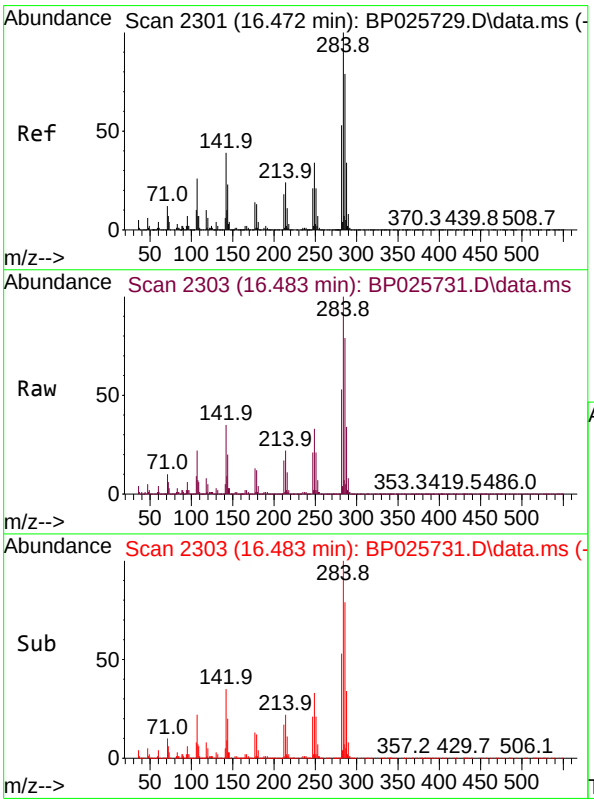
#67
4-Bromophenyl-phenylether
Concen: 58.285 ng
RT: 16.354 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 530862

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.5	116.3
141	79.9	60.2	90.4

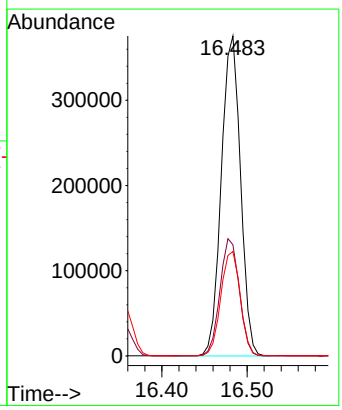


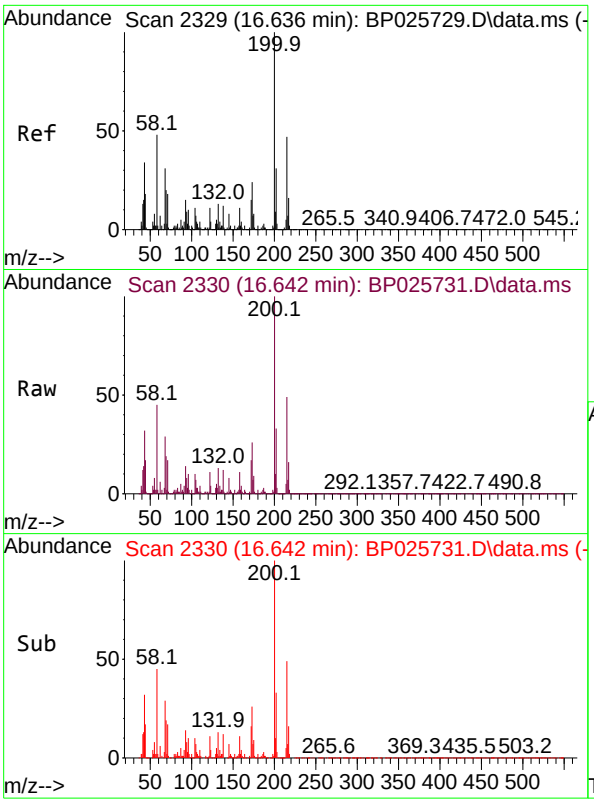


#68
Hexachlorobenzene
Concen: 57.781 ng
RT: 16.483 min Scan# 2303
Delta R.T. 0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:284 Resp: 586880

Ion	Ratio	Lower	Upper
284	100		
142	34.7	31.3	46.9
249	32.6	27.3	40.9



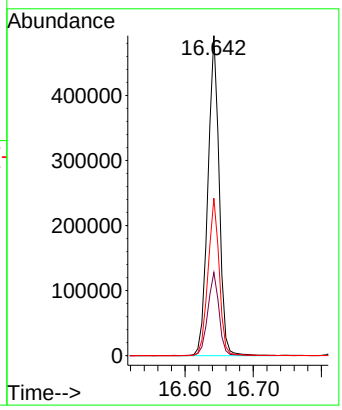


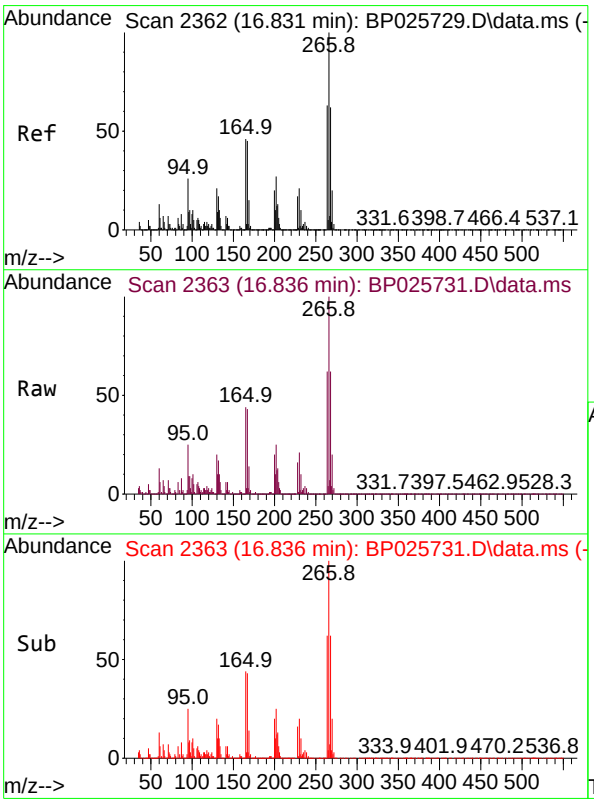
#69
Atrazine
Concen: 58.112 ng
RT: 16.642 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 563586

Ion	Ratio	Lower	Upper
200	100		
173	26.0	4.2	44.2
215	49.2	27.3	67.3

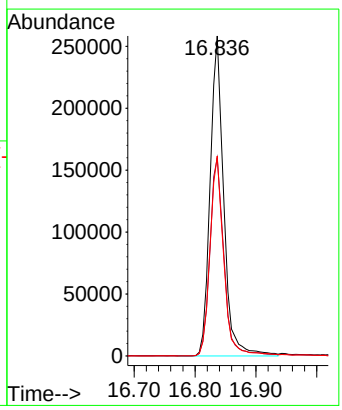


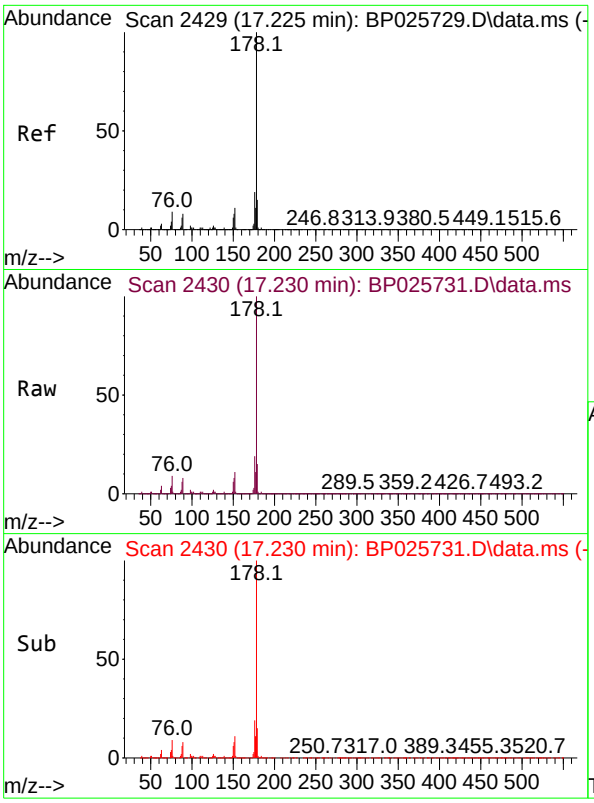


#70
Pentachlorophenol
Concen: 59.795 ng
RT: 16.836 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:266 Resp: 400840

Ion	Ratio	Lower	Upper
266	100		
268	61.9	49.8	74.8
264	62.5	50.2	75.2



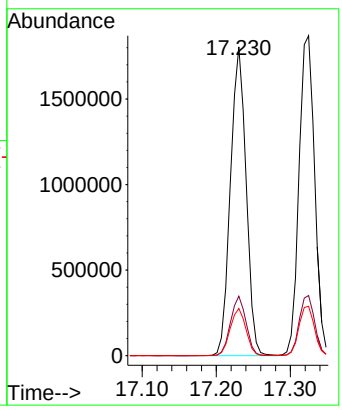


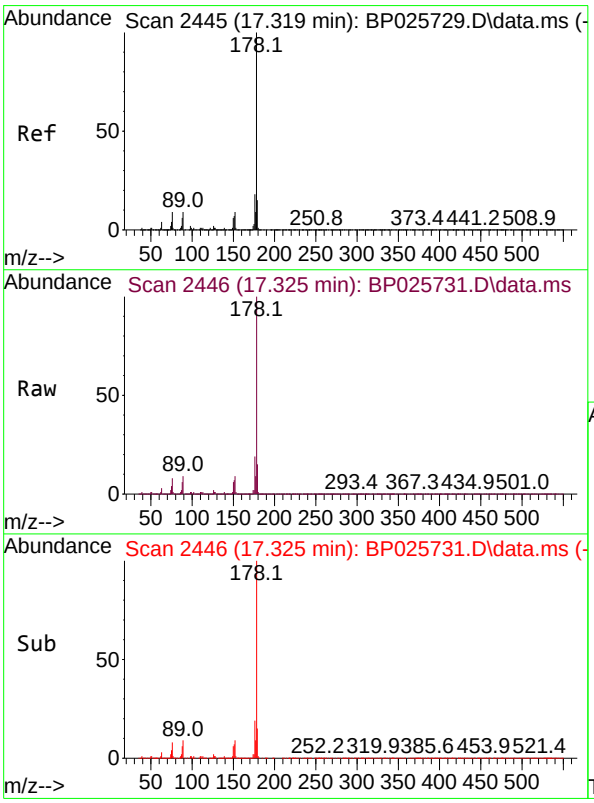
#71
Phenanthrene
Concen: 56.316 ng
RT: 17.230 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 2648539

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.2	18.4

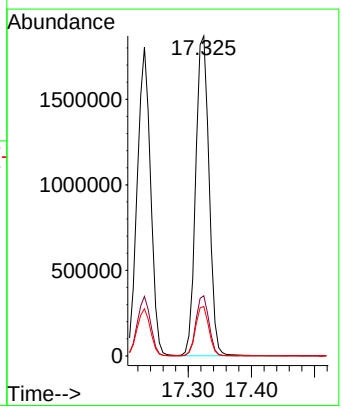


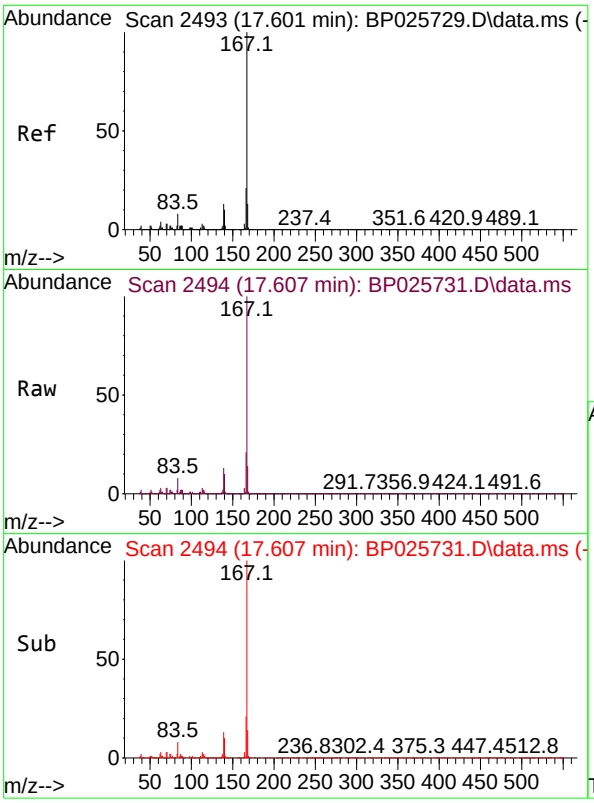


#72
Anthracene
Concen: 57.710 ng
RT: 17.325 min Scan# 2446
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:178 Resp: 2753779

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.4	12.2	18.4



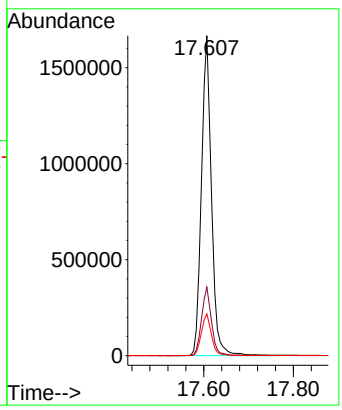


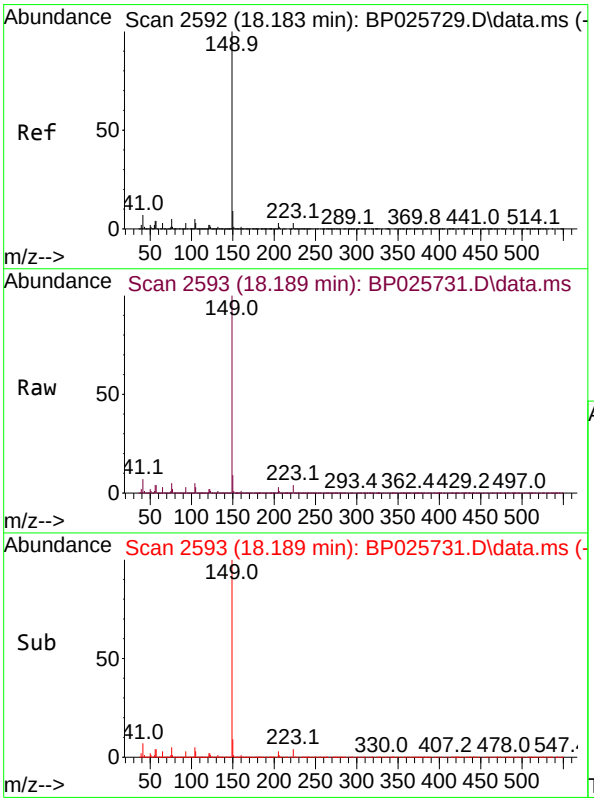
#73
Carbazole
Concen: 58.177 ng
RT: 17.607 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 2580907

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	13.0	10.6	16.0

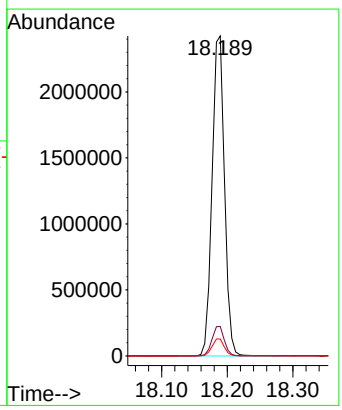


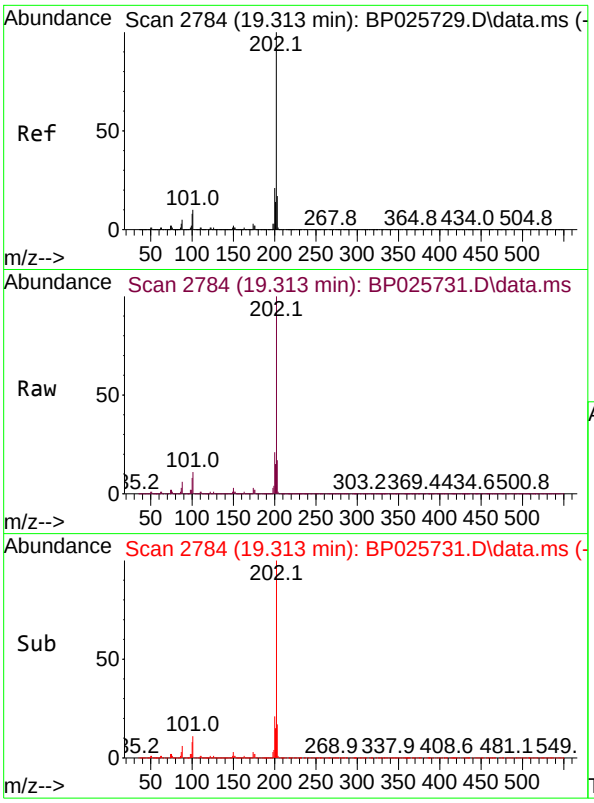


#74
Di-n-butylphthalate
Concen: 58.542 ng
RT: 18.189 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:149 Resp: 3187132

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.3	4.3	6.5



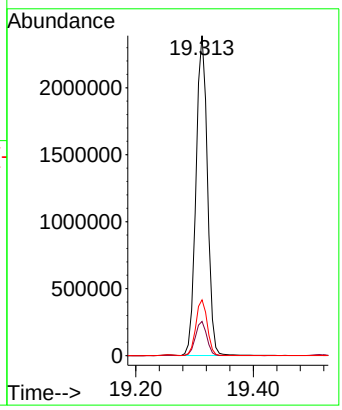


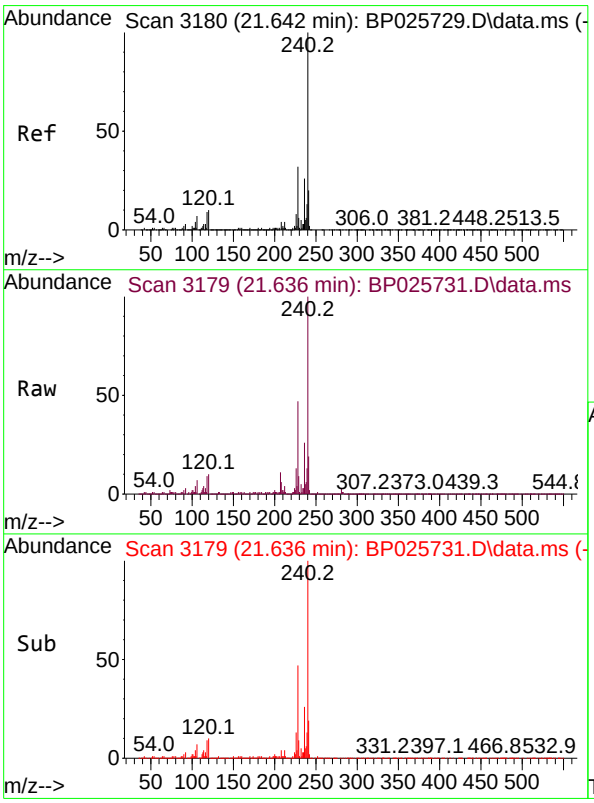
#75
Fluoranthene
Concen: 57.034 ng
RT: 19.313 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 3216943

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.4
203	17.4	0.0	37.4

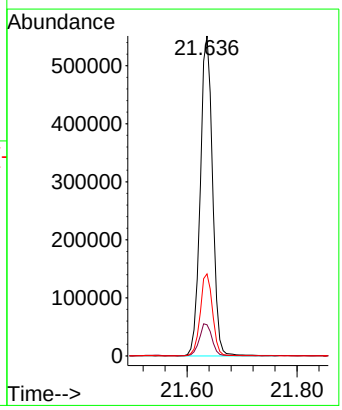


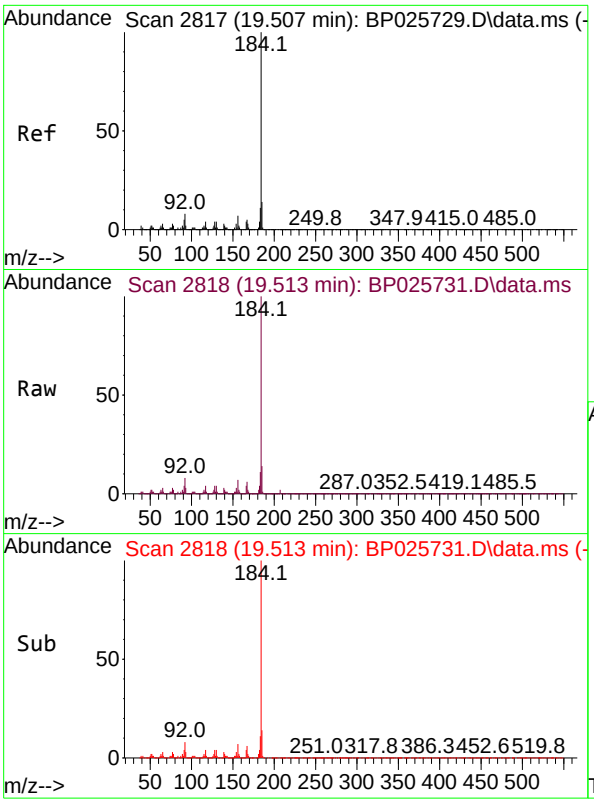


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:240 Resp: 850069

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.0	12.0
236	25.6	20.7	31.1



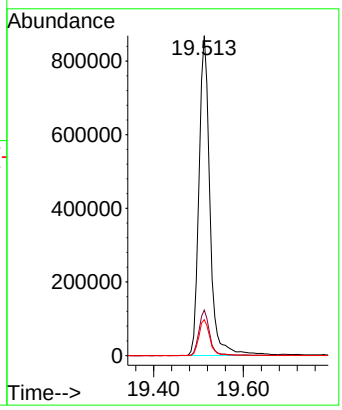


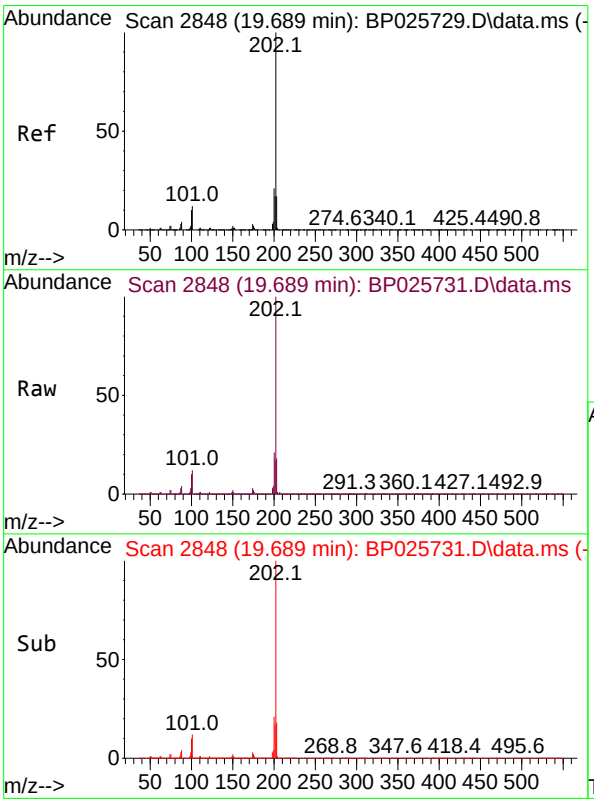
#77
Benzidine
Concen: 60.181 ng
RT: 19.513 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 1473612

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.2	9.2	13.8

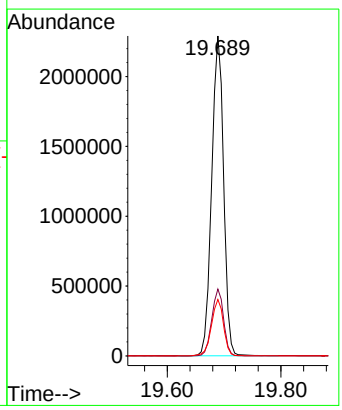


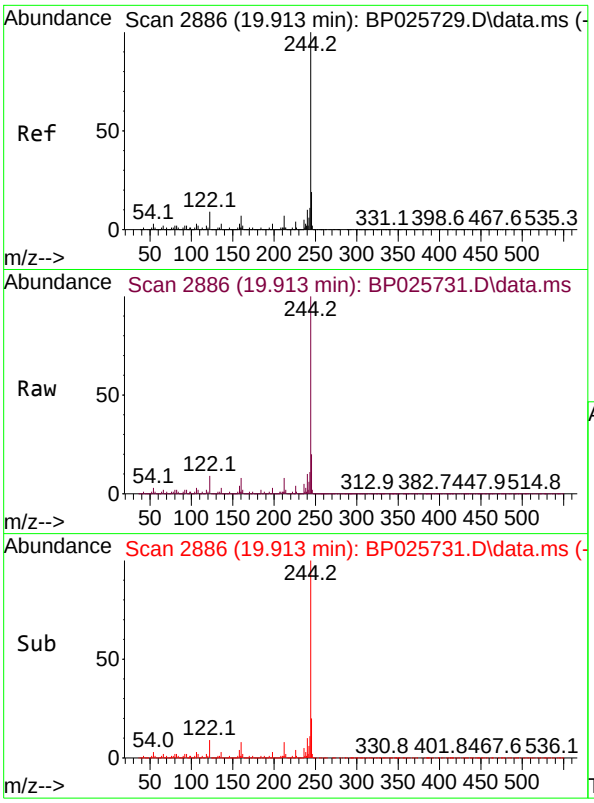


#78
Pyrene
Concen: 58.794 ng
RT: 19.689 min Scan# 2848
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:202 Resp: 3334872

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.6
203	17.6	13.9	20.9



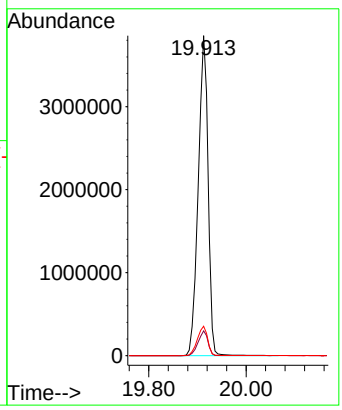


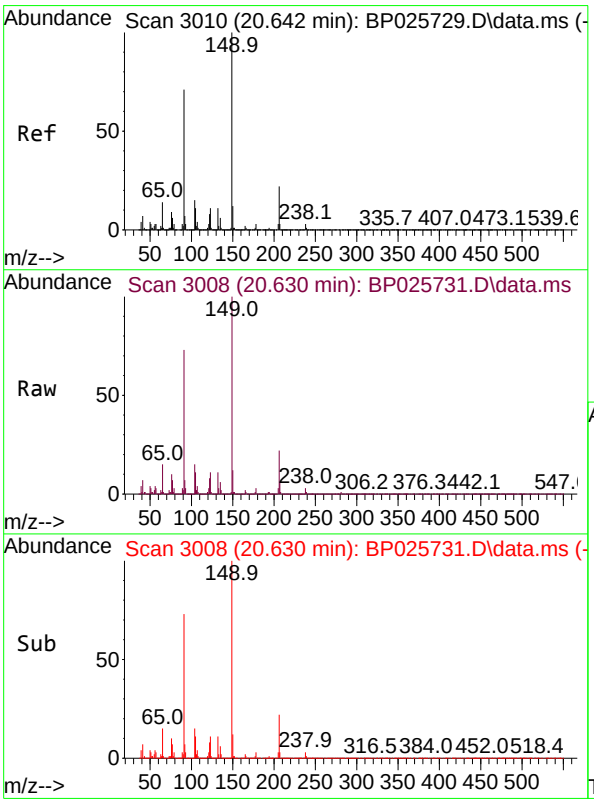
#79
Terphenyl-d14
Concen: 113.763 ng
RT: 19.913 min Scan# 28
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 5375608

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	9.2	7.1	10.7

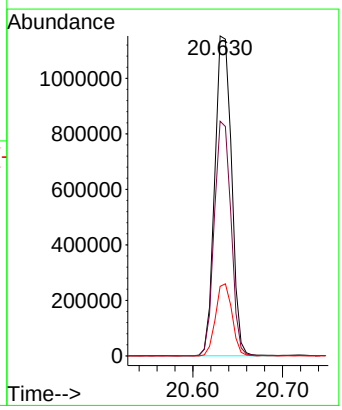


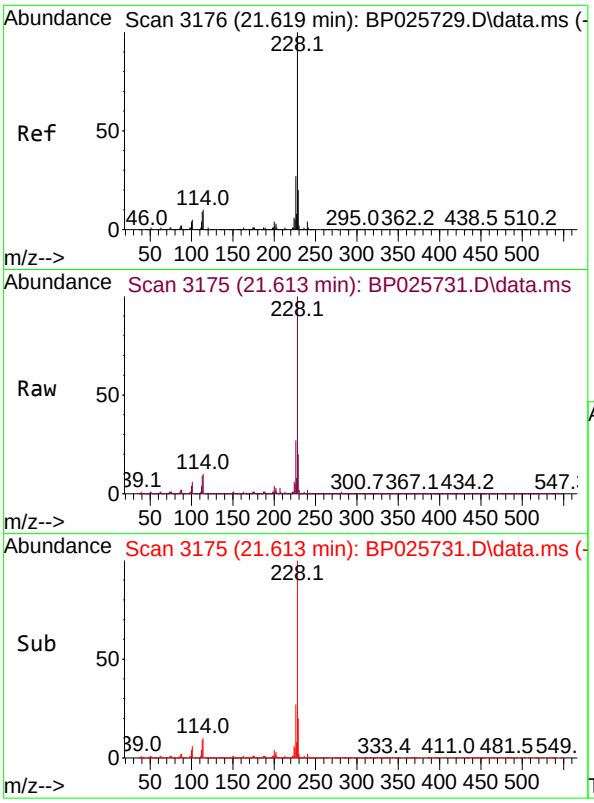


#80
Butylbenzylphthalate
Concen: 60.222 ng
RT: 20.630 min Scan# 3008
Delta R.T. -0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:149 Resp: 1497716

Ion	Ratio	Lower	Upper
149	100		
91	73.3	56.6	85.0
206	21.7	17.4	26.0



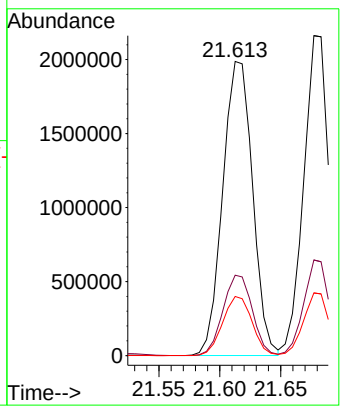


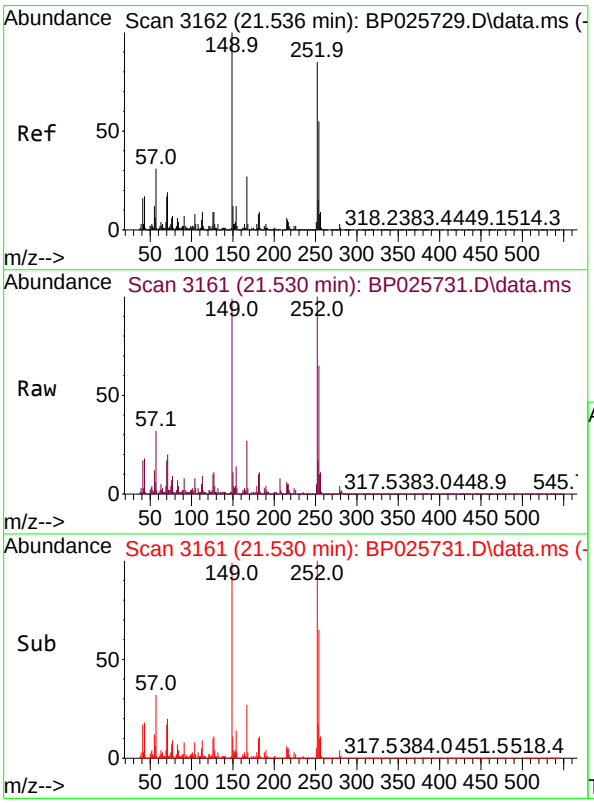
#81
Benzo(a)anthracene
Concen: 58.272 ng
RT: 21.613 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 3391233

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.6	32.4
229	20.1	15.7	23.5

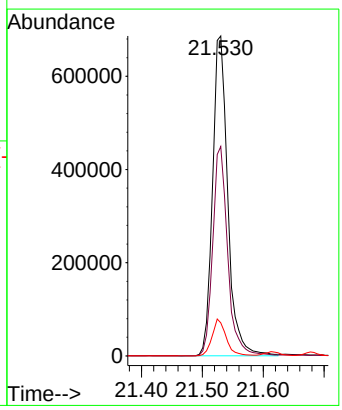


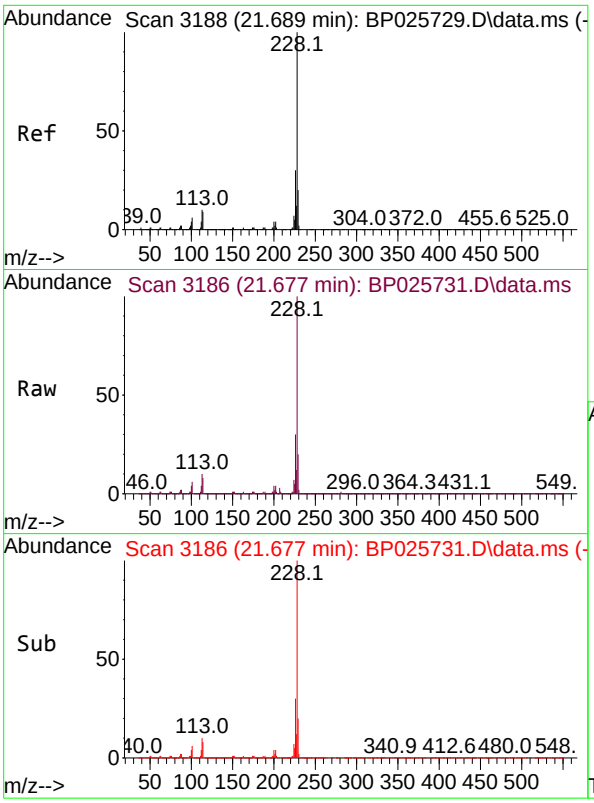


#82
3,3'-Dichlorobenzidine
Concen: 59.308 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:252 Resp: 1193448

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.4	77.0
126	10.3	8.3	12.5



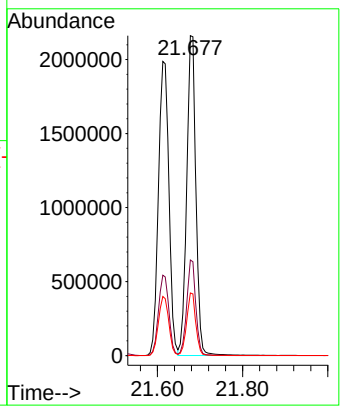


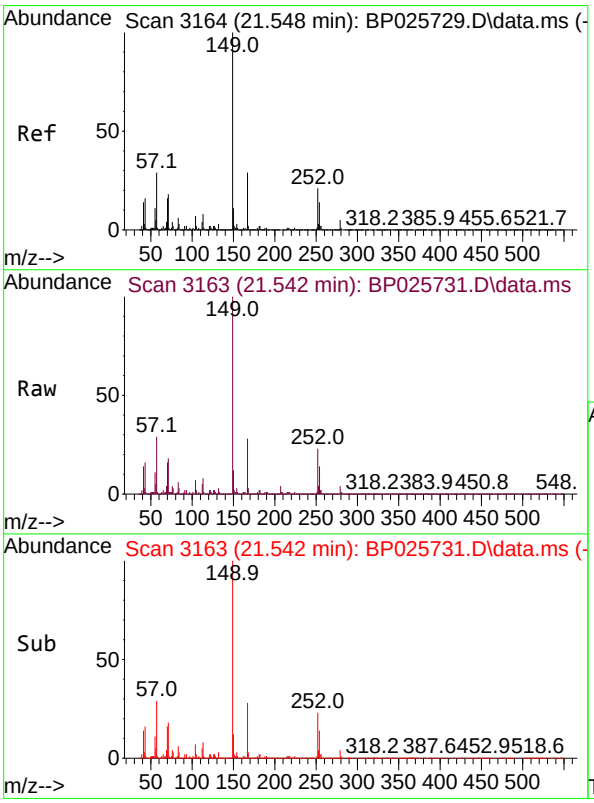
#83
Chrysene
Concen: 58.306 ng
RT: 21.677 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 3234610

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	19.6	15.6	23.4

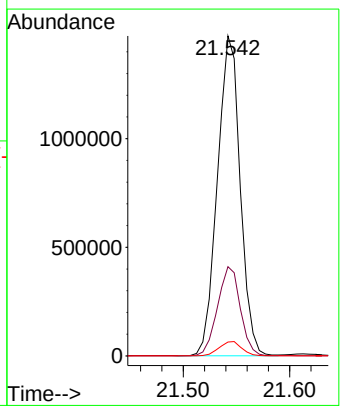


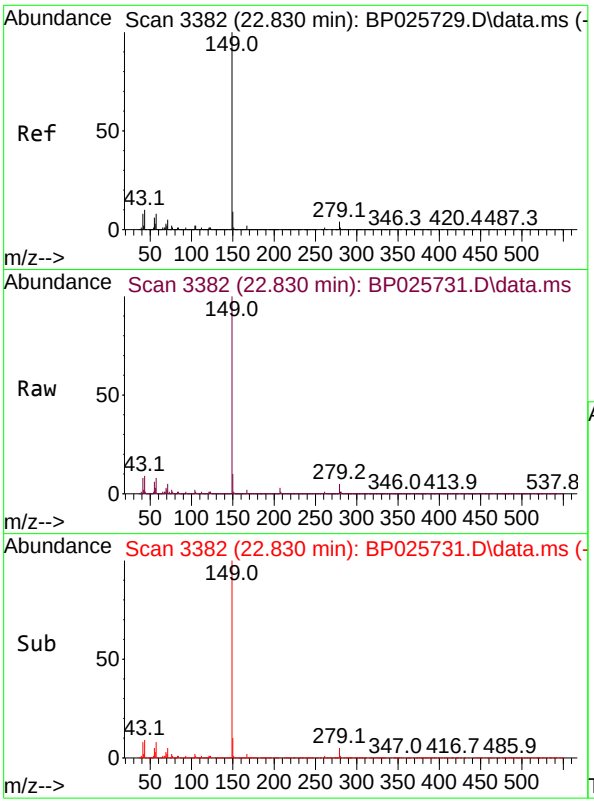


#84
Bis(2-ethylhexyl)phthalate
Concen: 60.070 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:149 Resp: 2185686

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.9	34.3
279	4.3	3.8	5.8



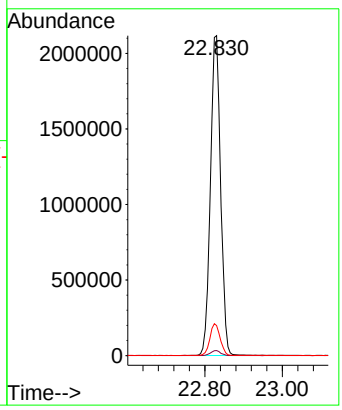


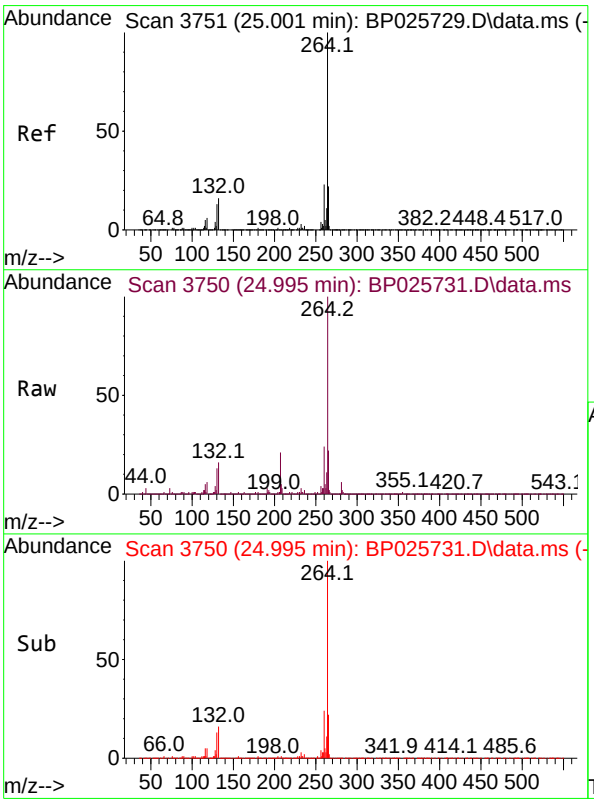
#85
Di-n-octyl phthalate
Concen: 59.606 ng
RT: 22.830 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 3857923

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.9	8.0	12.0

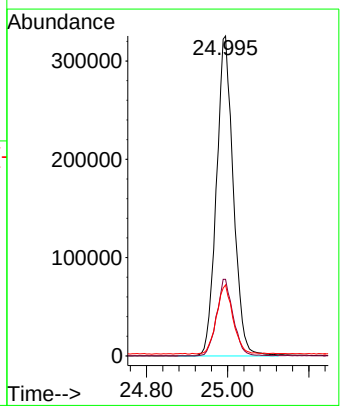


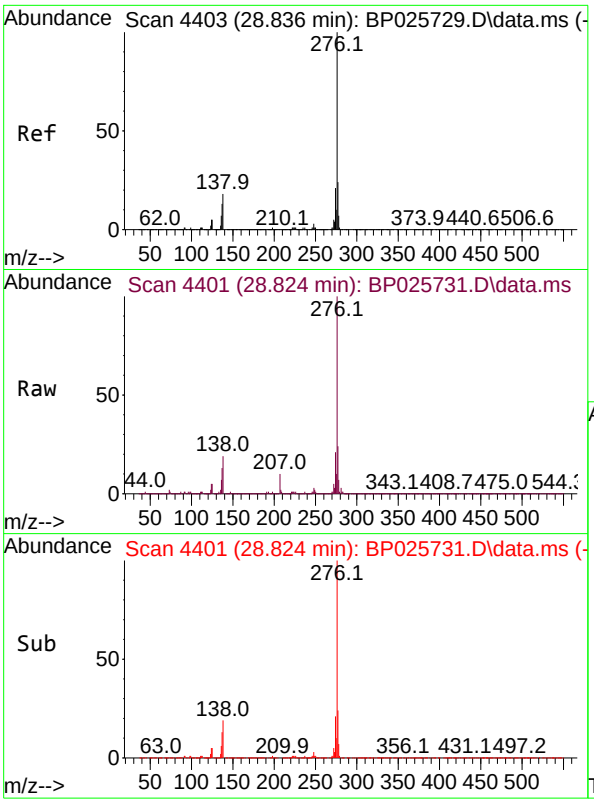


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:264 Resp: 937177

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	22.2	17.3	25.9



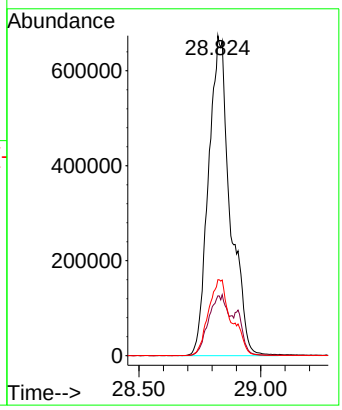


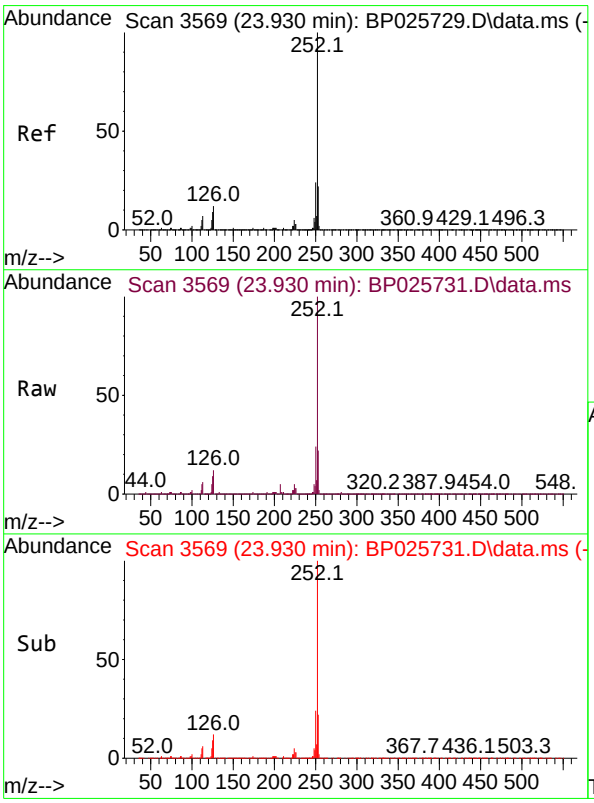
#87
Indeno(1,2,3-cd)pyrene
Concen: 61.276 ng
RT: 28.824 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 4176186

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.4	20.2
277	25.2	9.1	13.7#

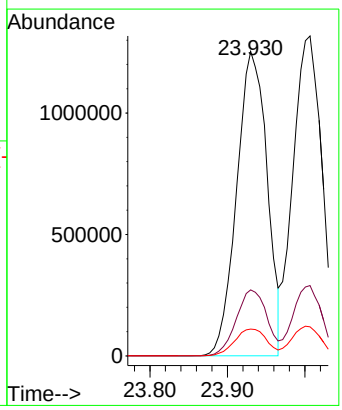


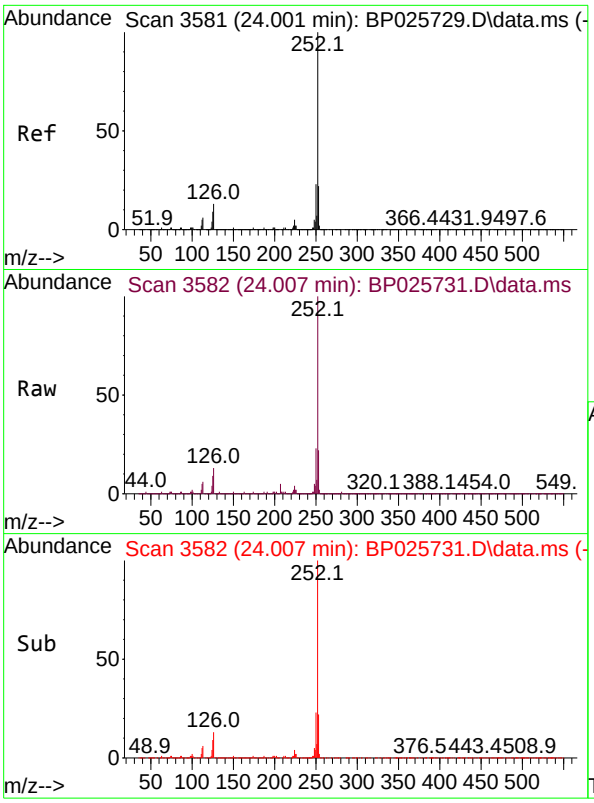


#88
Benzo(b)fluoranthene
Concen: 59.638 ng
RT: 23.930 min Scan# 3569
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:252 Resp: 3417862

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	8.8	7.3	10.9



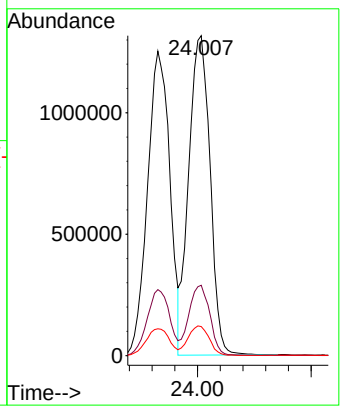


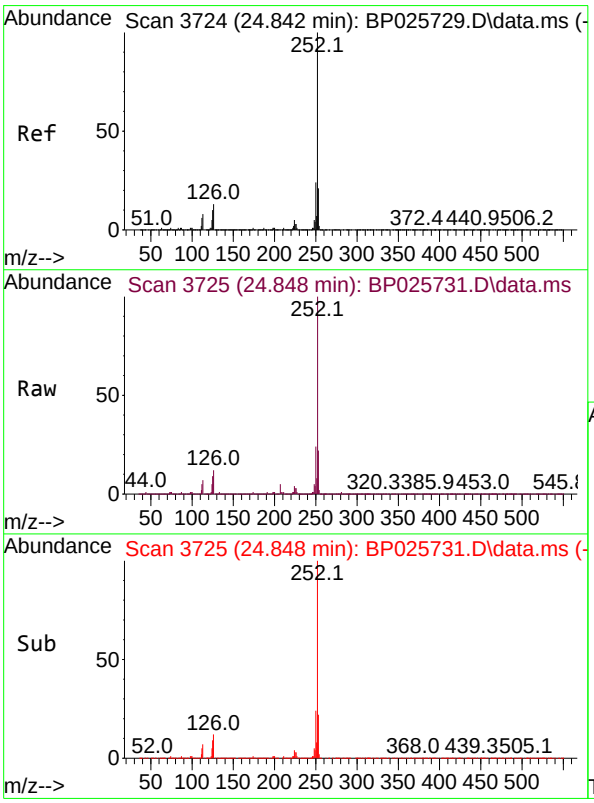
#89
Benzo(k)fluoranthene
Concen: 58.674 ng
RT: 24.007 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 3431342

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.1	7.5	11.3

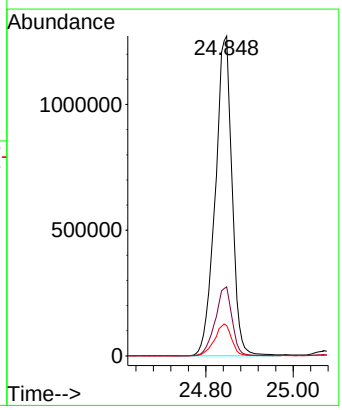


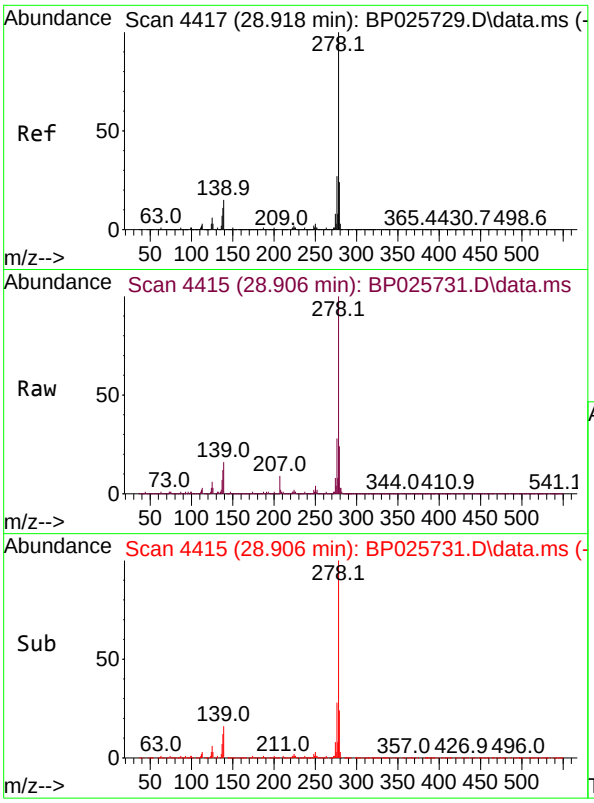


#90
Benzo(a)pyrene
Concen: 60.523 ng
RT: 24.848 min Scan# 3725
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:252 Resp: 3396800

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	9.5	8.3	12.5



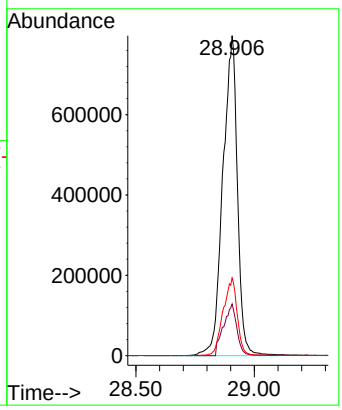


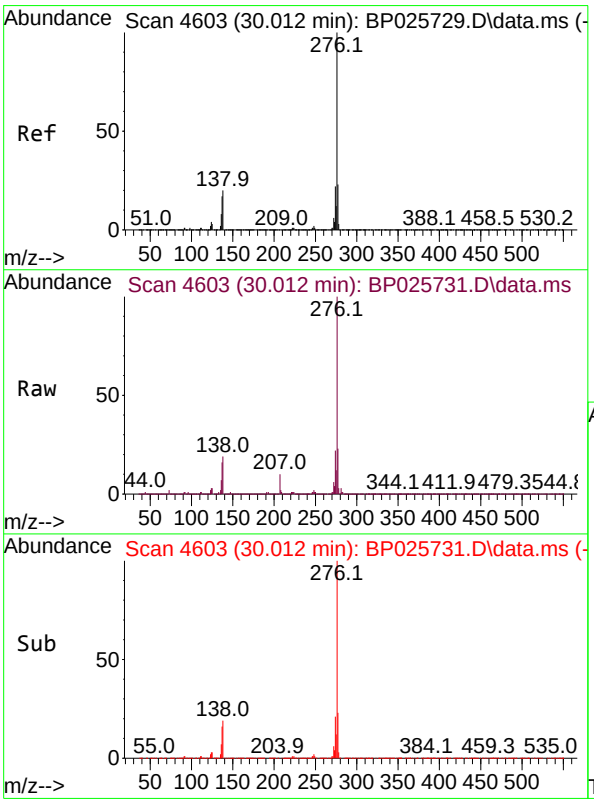
#91
Dibenzo(a,h)anthracene
Concen: 60.898 ng
RT: 28.906 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 3396390

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.1	18.1
279	24.3	19.6	29.4

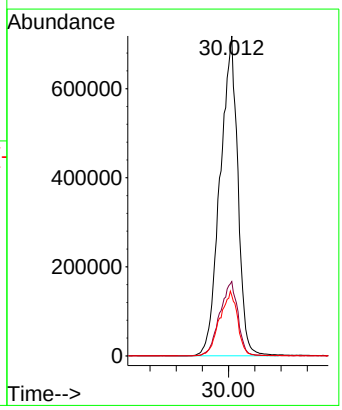




#92
Benzo(g,h,i)perylene
Concen: 61.370 ng
RT: 30.012 min Scan# 4603
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:276 Resp: 3366014

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.7	28.1
138	18.8	16.0	24.0



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025732.D
Acq On : 11 Sep 2025 14:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Sep 11 16:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.761	152	156685	20.000	ng		0.00
21) Naphthalene-d8	10.531	136	657507	20.000	ng		0.00
39) Acenaphthene-d10	14.384	164	457251	20.000	ng		0.00
64) Phenanthrene-d10	17.189	188	963896	20.000	ng		0.00
76) Chrysene-d12	21.642	240	964091	20.000	ng		0.00
86) Perylene-d12	24.995	264	1072676	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	1519863	156.516	ng		0.00
7) Phenol-d6	6.949	99	2060064	159.607	ng		0.00
23) Nitrobenzene-d5	8.908	82	2312828	155.163	ng		0.00
42) 2,4,6-Tribromophenol	15.901	330	901504	158.067	ng		0.00
45) 2-Fluorobiphenyl	12.996	172	4820104	140.360	ng		0.00
79) Terphenyl-d14	19.913	244	7841805	146.328	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	293942	72.123	ng		100
3) Pyridine	3.708	79	864675	77.049	ng		97
4) n-Nitrosodimethylamine	3.614	42	406094	76.687	ng		100
6) Aniline	7.096	93	1418325	80.049	ng		99
8) 2-Chlorophenol	7.337	128	852861	80.059	ng		99
9) Benzaldehyde	6.914	77	614881	79.569	ng		100
10) Phenol	6.972	94	1090983	80.162	ng		99
11) bis(2-Chloroethyl)ether	7.190	93	855627	78.251	ng		98
12) 1,3-Dichlorobenzene	7.649	146	917305	75.659	ng		97
13) 1,4-Dichlorobenzene	7.796	146	935253	75.728	ng		99
14) 1,2-Dichlorobenzene	8.108	146	905715	75.489	ng		99
15) Benzyl Alcohol	8.002	79	865116	81.113	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.278	45	1365629	76.370	ng		99
17) 2-Methylphenol	8.208	107	747211	81.433	ng		100
18) Hexachloroethane	8.825	117	362679	76.881	ng		96
19) n-Nitroso-di-n-propyla...	8.560	70	721517	81.103	ng		99
20) 3+4-Methylphenols	8.531	107	1023340	79.634	ng		99
22) Acetophenone	8.572	105	1366991	77.798	ng	#	98
24) Nitrobenzene	8.949	77	1052990	78.746	ng		98
25) Isophorone	9.484	82	2070061	79.012	ng		100
26) 2-Nitrophenol	9.649	139	504228	84.931	ng		96
27) 2,4-Dimethylphenol	9.713	122	842469	80.887	ng		99
28) bis(2-Chloroethoxy)met...	9.937	93	1190837	78.631	ng		99
29) 2,4-Dichlorophenol	10.190	162	850329	81.883	ng		99
30) 1,2,4-Trichlorobenzene	10.390	180	902735	77.134	ng		99
31) Naphthalene	10.578	128	2657135	74.948	ng		99
32) Benzoic acid	9.925	122	680741	87.910	ng		98
33) 4-Chloroaniline	10.684	127	1237939	83.774	ng		98
34) Hexachlorobutadiene	10.866	225	571616	75.871	ng		100
35) Caprolactam	11.513	113	324639	81.266	ng		96
36) 4-Chloro-3-methylphenol	11.825	107	998570	80.654	ng		96
37) 2-Methylnaphthalene	12.190	142	1750889	76.891	ng		99
38) 1-Methylnaphthalene	12.407	142	1849786	76.178	ng		99
40) 1,2,4,5-Tetrachloroben...	12.554	216	1039713	75.038	ng		100
41) Hexachlorocyclopentadiene	12.537	237	641317	84.983	ng		98
43) 2,4,6-Trichlorophenol	12.807	196	725824	79.683	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025732.D
Acq On : 11 Sep 2025 14:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Sep 11 16:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.884	196	806956	79.601	ng		97
46)	1,1'-Biphenyl	13.201	154	2497929	74.426	ng		100
47)	2-Chloronaphthalene	13.243	162	1962349	74.255	ng		98
48)	2-Nitroaniline	13.454	65	733091	83.218	ng		97
49)	Acenaphthylene	14.107	152	3311359	75.625	ng		99
50)	Dimethylphthalate	13.843	163	2615037	74.909	ng		99
51)	2,6-Dinitrotoluene	13.954	165	580821	78.530	ng		100
52)	Acenaphthene	14.443	154	1846398	73.121	ng		100
53)	3-Nitroaniline	14.290	138	649230	83.474	ng		100
54)	2,4-Dinitrophenol	14.507	184	382175	79.506	ng		93
55)	Dibenzofuran	14.790	168	2999483	72.882	ng		99
56)	4-Nitrophenol	14.625	139	527475	78.823	ng		98
57)	2,4-Dinitrotoluene	14.760	165	853243	81.062	ng		98
58)	Fluorene	15.454	166	2363617	72.225	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.019	232	722846	79.155	ng		98
60)	Diethylphthalate	15.225	149	2678679	75.646	ng		100
61)	4-Chlorophenyl-phenyle...	15.442	204	1190470	72.181	ng		97
62)	4-Nitroaniline	15.472	138	667122	83.790	ng		99
63)	Azobenzene	15.742	77	2578205	75.299	ng		99
65)	4,6-Dinitro-2-methylph...	15.542	198	537070	83.783	ng		97
66)	n-Nitrosodiphenylamine	15.666	169	2109969	71.530	ng		100
67)	4-Bromophenyl-phenylether	16.354	248	792238	74.816	ng		97
68)	Hexachlorobenzene	16.478	284	892102	75.546	ng		96
69)	Atrazine	16.648	200	876809	77.763	ng		99
70)	Pentachlorophenol	16.837	266	629802	80.808	ng		98
71)	Phenanthrene	17.236	178	3960390	72.431	ng		100
72)	Anthracene	17.331	178	4027019	72.588	ng		100
73)	Carbazole	17.607	167	3852545	74.694	ng		99
74)	Di-n-butylphthalate	18.195	149	4705330	74.340	ng		100
75)	Fluoranthene	19.325	202	4786922	72.998	ng		100
77)	Benzidine	19.519	184	2065703	74.384	ng		100
78)	Pyrene	19.701	202	4911699	76.353	ng		100
80)	Butylbenzylphthalate	20.642	149	2268963	80.443	ng		98
81)	Benzo(a)anthracene	21.619	228	5031313	76.229	ng		100
82)	3,3'-Dichlorobenzidine	21.536	252	1705366	74.725	ng		99
83)	Chrysene	21.689	228	4667905	74.190	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.542	149	3154011	76.431	ng		100
85)	Di-n-octyl phthalate	22.824	149	5799888	79.012	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.848	276	5948880	76.261	ng	#	84
88)	Benzo(b)fluoranthene	23.936	252	5088293	77.570	ng		99
89)	Benzo(k)fluoranthene	24.013	252	4938760	73.783	ng		99
90)	Benzo(a)pyrene	24.842	252	4896947	76.231	ng		99
91)	Dibenzo(a,h)anthracene	28.918	278	4903653	76.817	ng		98
92)	Benzo(g,h,i)perylene	30.036	276	4826771	76.886	ng		99

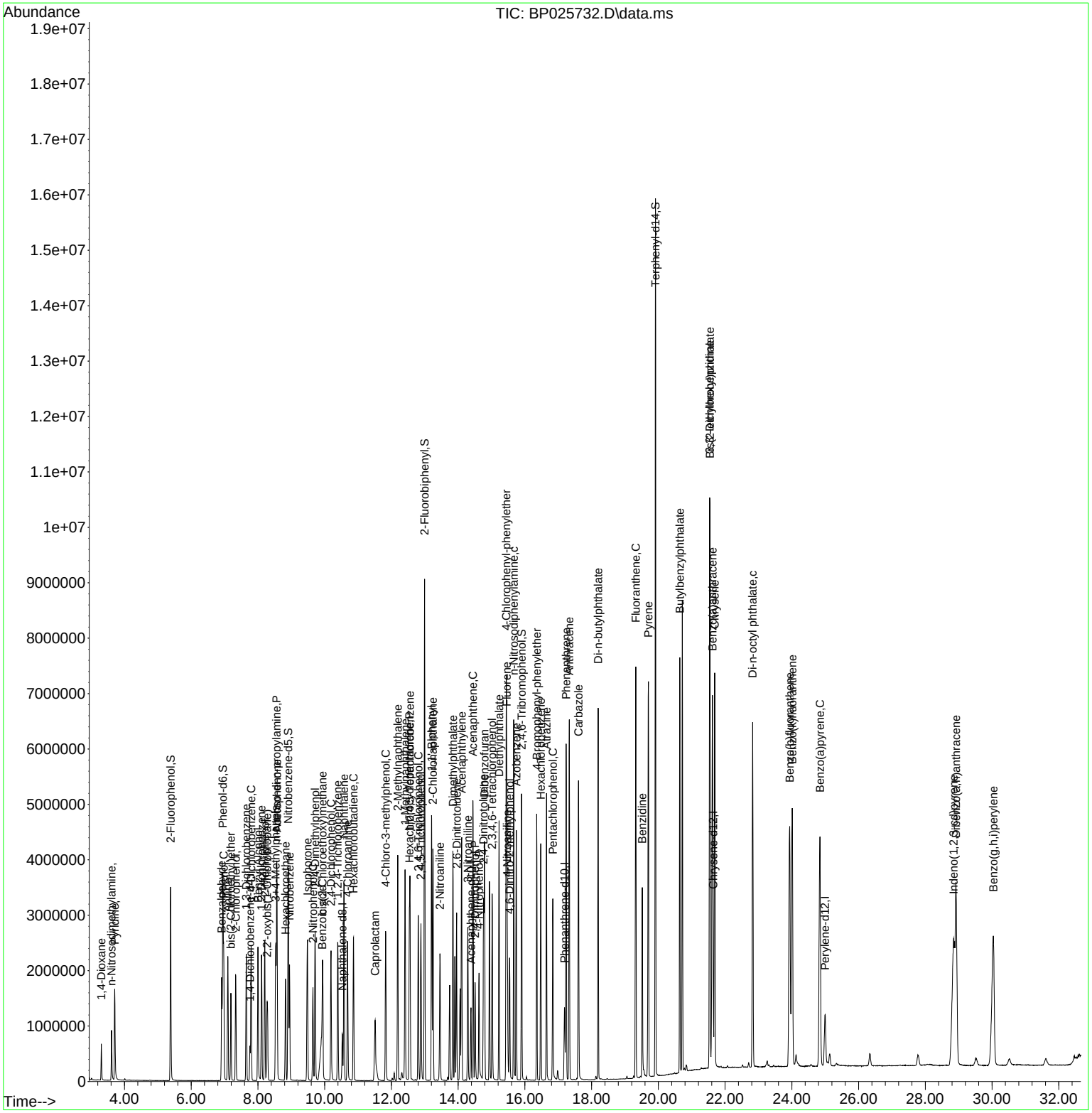
(#) = qualifier out of range (m) = manual integration (+) = signals summed

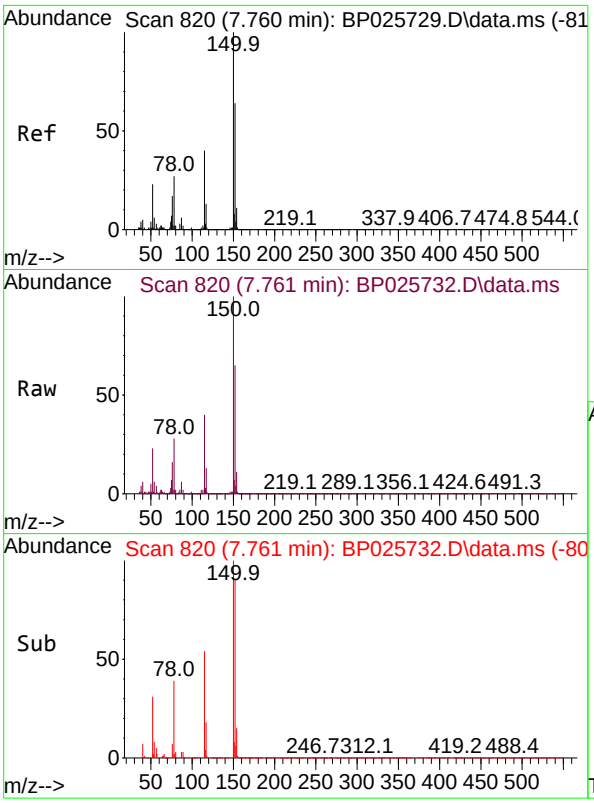
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025732.D
Acq On : 11 Sep 2025 14:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Sep 11 16:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration



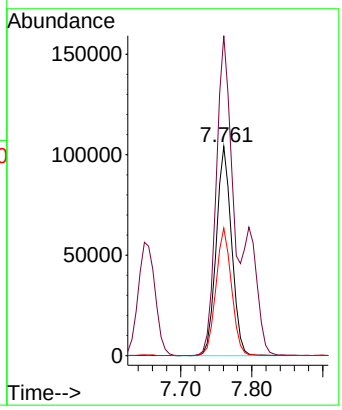


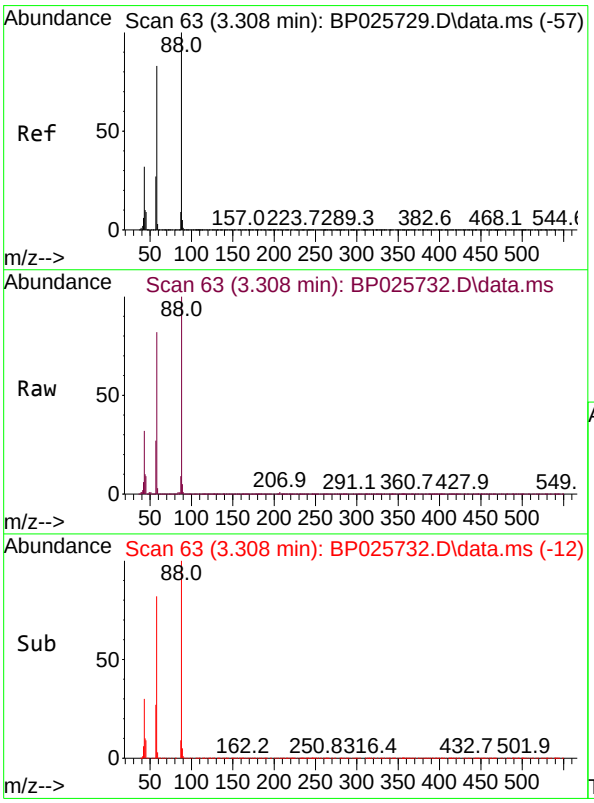
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.761 min Scan# 8
Delta R.T. 0.001 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 156685

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.3	186.5
115	61.0	50.3	75.5

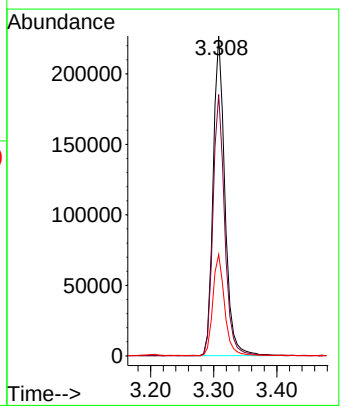


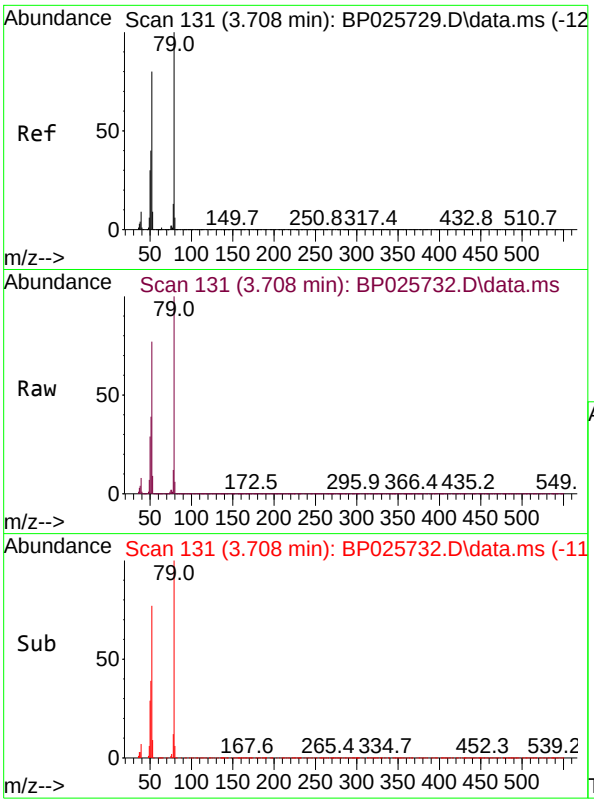


#2
1,4-Dioxane
Concen: 72.123 ng
RT: 3.308 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 88 Resp: 293942

Ion	Ratio	Lower	Upper
88	100		
58	81.8	65.5	98.3
43	31.6	25.2	37.8



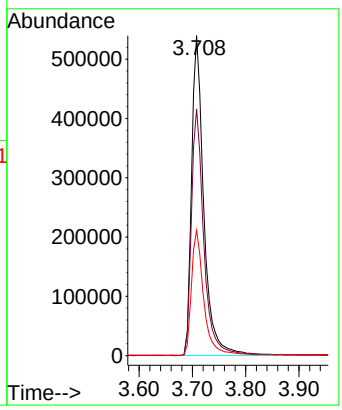


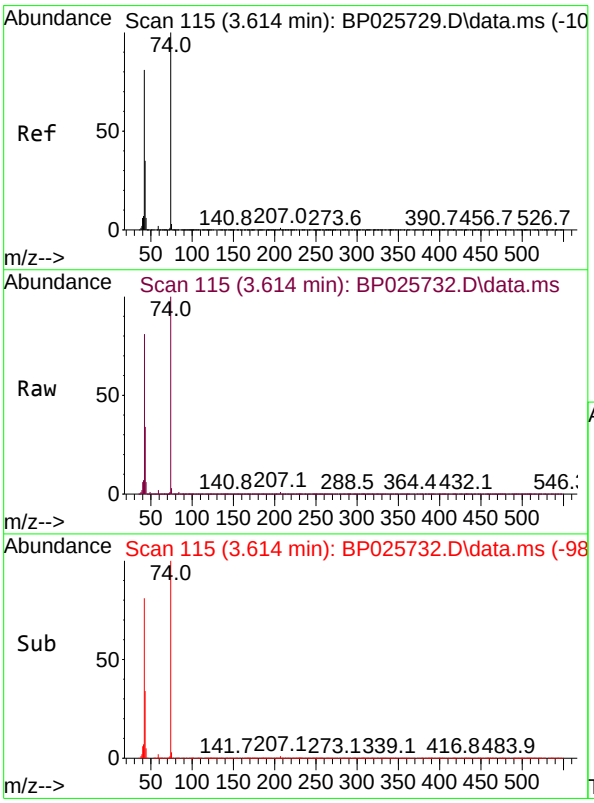
#3
Pyridine
Concen: 77.049 ng
RT: 3.708 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 864675

Ion	Ratio	Lower	Upper
79	100		
52	77.1	63.7	95.5
51	39.1	32.4	48.6

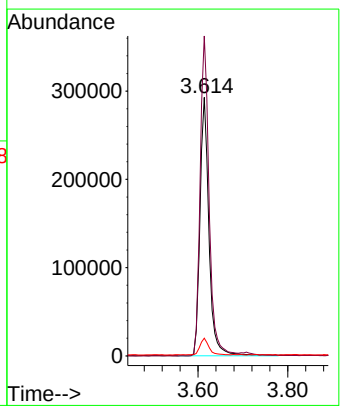


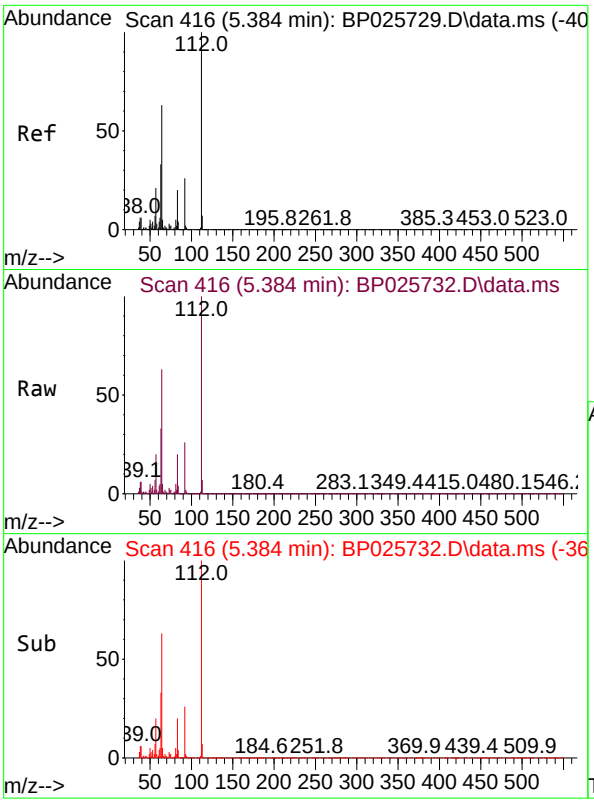


#4
n-Nitrosodimethylamine
Concen: 76.687 ng
RT: 3.614 min Scan# 115
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 42 Resp: 406094

Ion	Ratio	Lower	Upper
42	100		
74	123.8	99.2	148.8
44	6.8	6.4	9.6



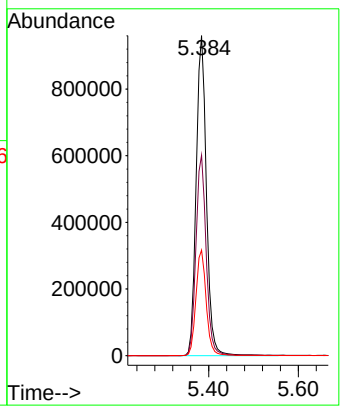


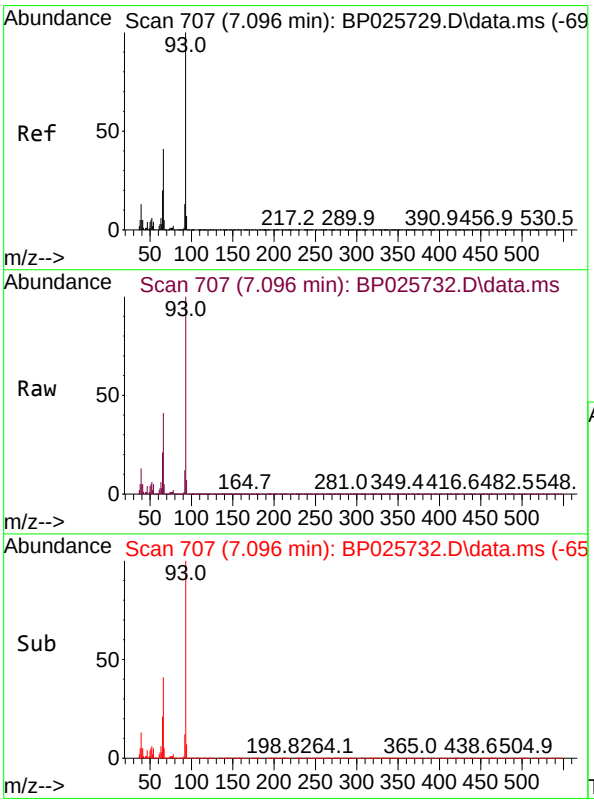
#5
2-Fluorophenol
Concen: 156.516 ng
RT: 5.384 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 1519863

Ion	Ratio	Lower	Upper
112	100		
64	62.6	50.2	75.4
63	33.0	26.7	40.1

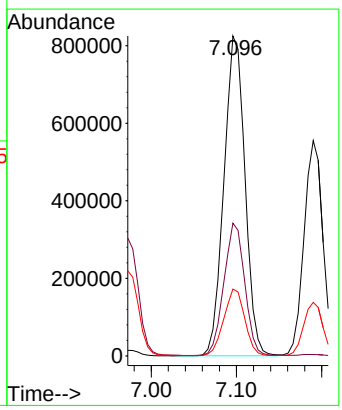


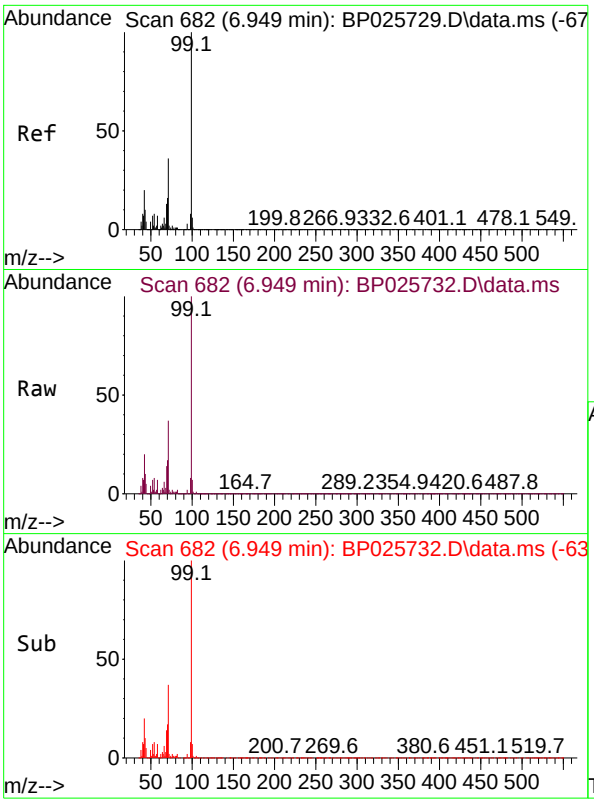


#6
Aniline
Concen: 80.049 ng
RT: 7.096 min Scan# 707
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 93 Resp: 1418325

Ion	Ratio	Lower	Upper
93	100		
66	41.5	32.6	49.0
65	20.9	16.2	24.2



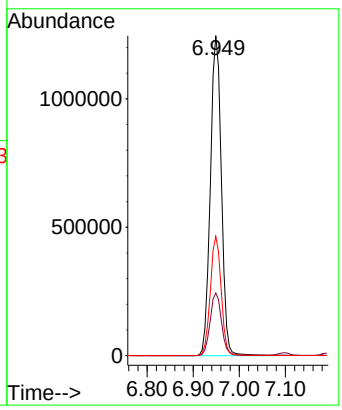


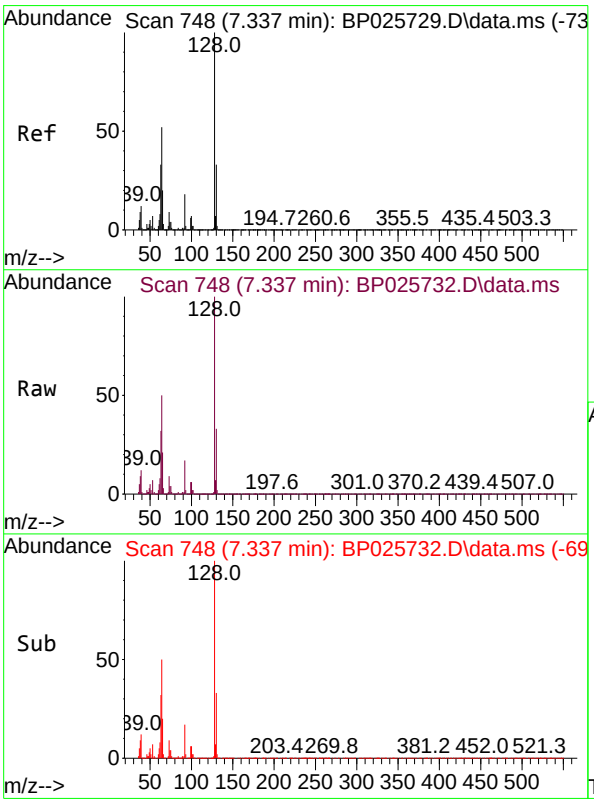
#7
Phenol-d6
Concen: 159.607 ng
RT: 6.949 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 2060064

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.6	23.4
71	37.3	28.6	43.0

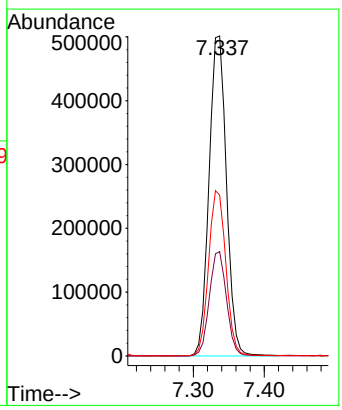


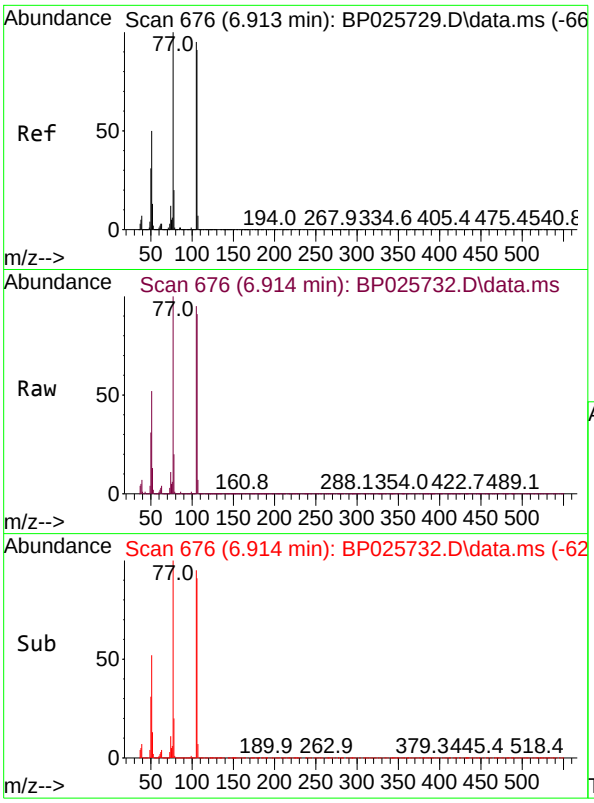


#8
2-Chlorophenol
Concen: 80.059 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:128 Resp: 852861

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	50.2	31.6	71.6



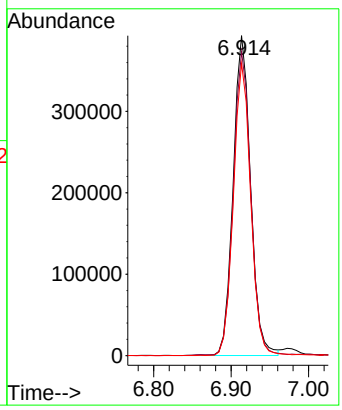


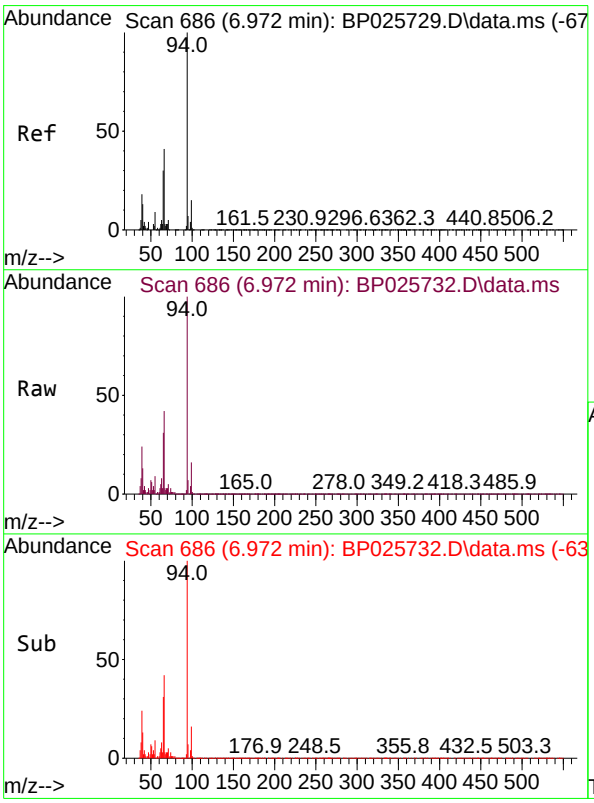
#9
Benzaldehyde
Concen: 79.569 ng
RT: 6.914 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 614881

Ion	Ratio	Lower	Upper
77	100		
105	95.0	75.2	115.2
106	91.3	71.3	111.3

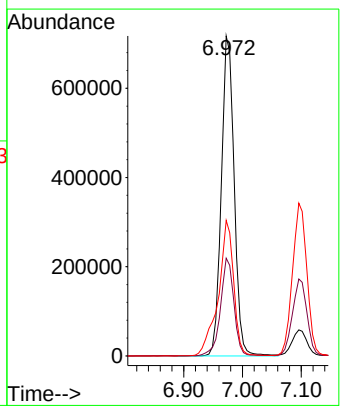


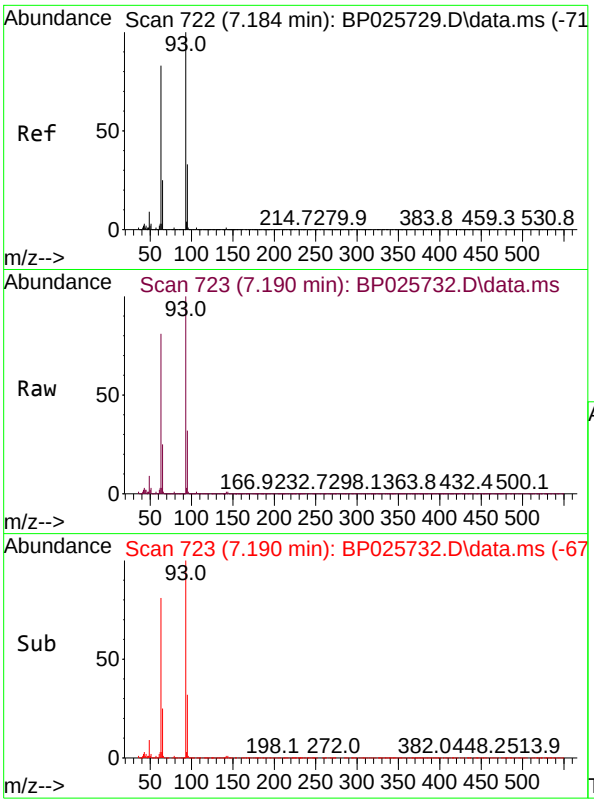


#10
Phenol
Concen: 80.162 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 94 Resp: 1090983

Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.2	50.2
66	42.3	21.4	61.4



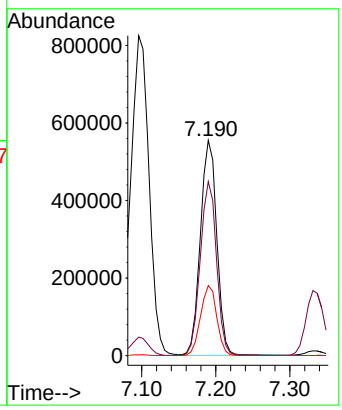


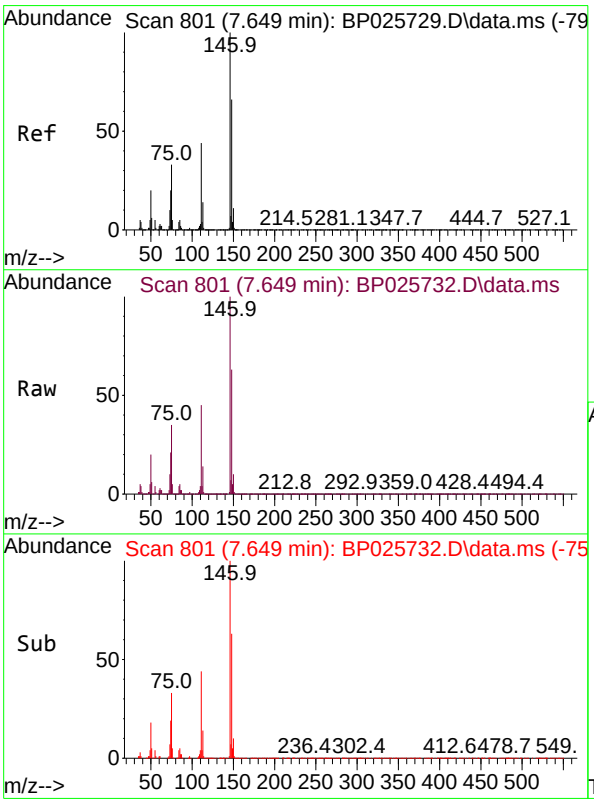
#11
bis(2-Chloroethyl)ether
Concen: 78.251 ng
RT: 7.190 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 855627

Ion	Ratio	Lower	Upper
93	100		
63	80.8	62.6	102.6
95	32.5	13.2	53.2

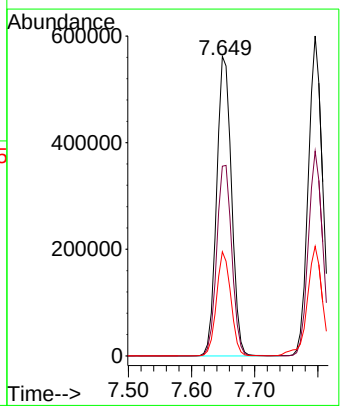


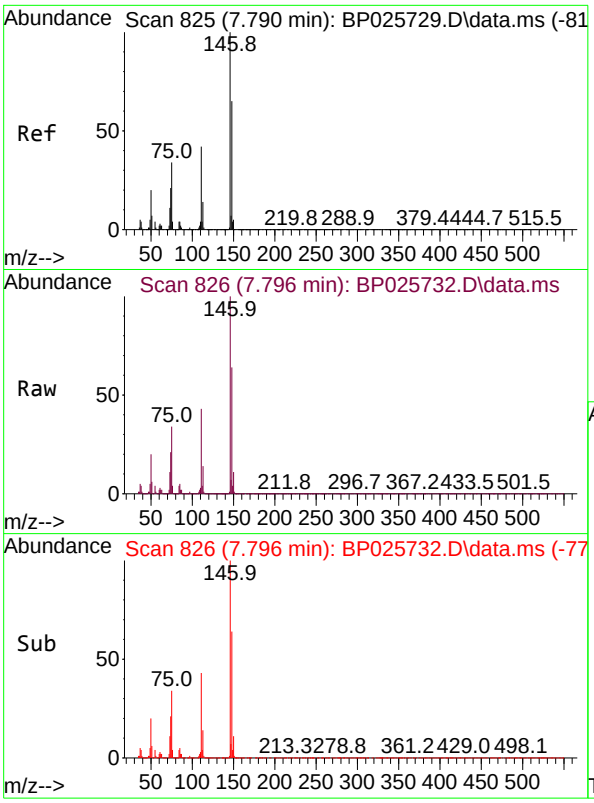


#12
1,3-Dichlorobenzene
Concen: 75.659 ng
RT: 7.649 min Scan# 801
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:146 Resp: 917305

Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.7	79.1
75	34.8	26.4	39.6



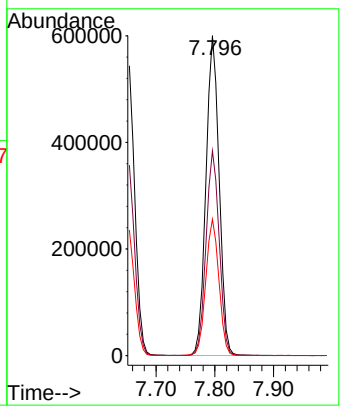


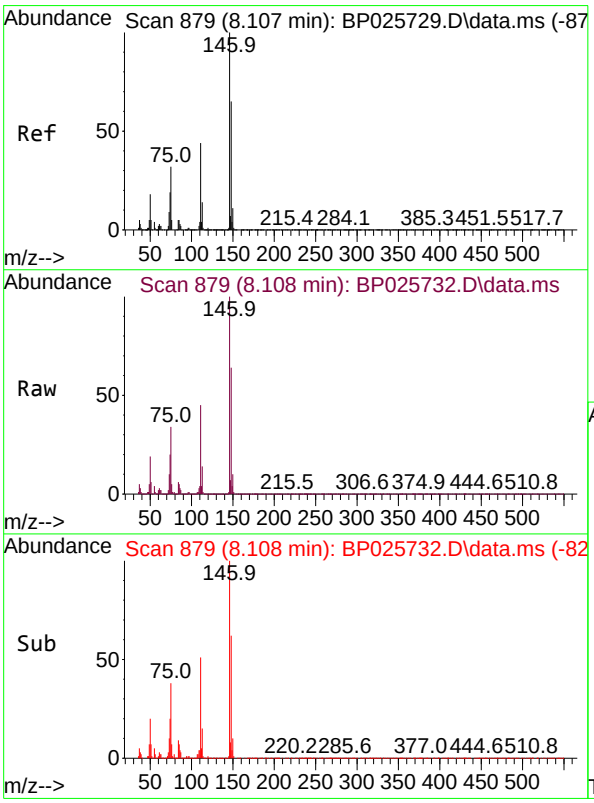
#13
1,4-Dichlorobenzene
Concen: 75.728 ng
RT: 7.796 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 935253

Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.0	78.0
111	42.6	33.9	50.9

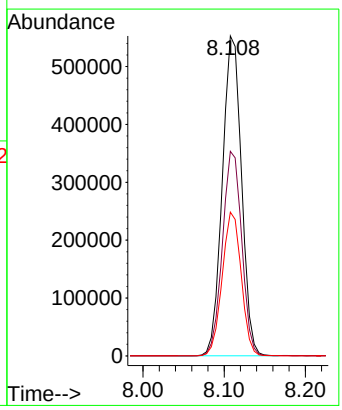


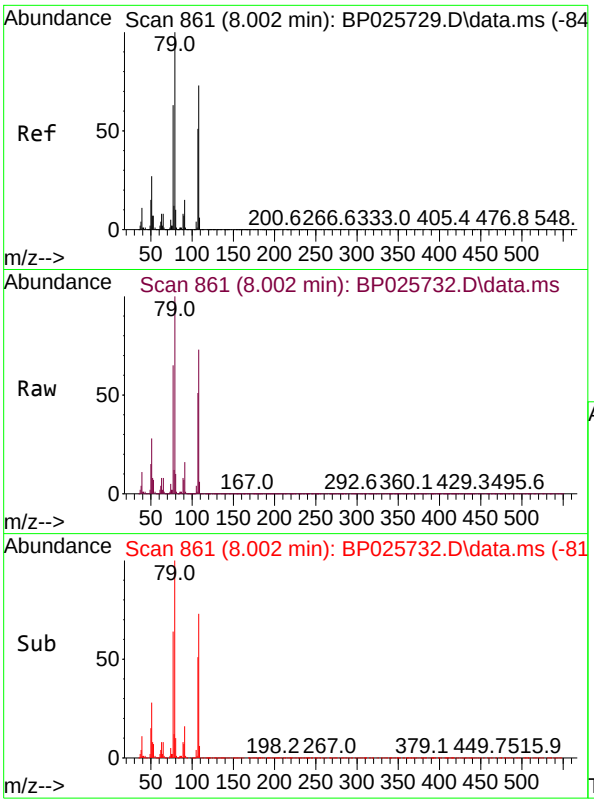


#14
1,2-Dichlorobenzene
Concen: 75.489 ng
RT: 8.108 min Scan# 879
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:146 Resp: 905715

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.7	77.5
111	44.9	35.5	53.3



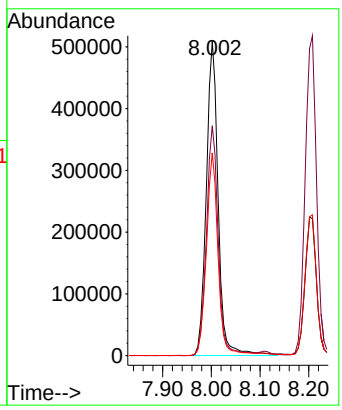


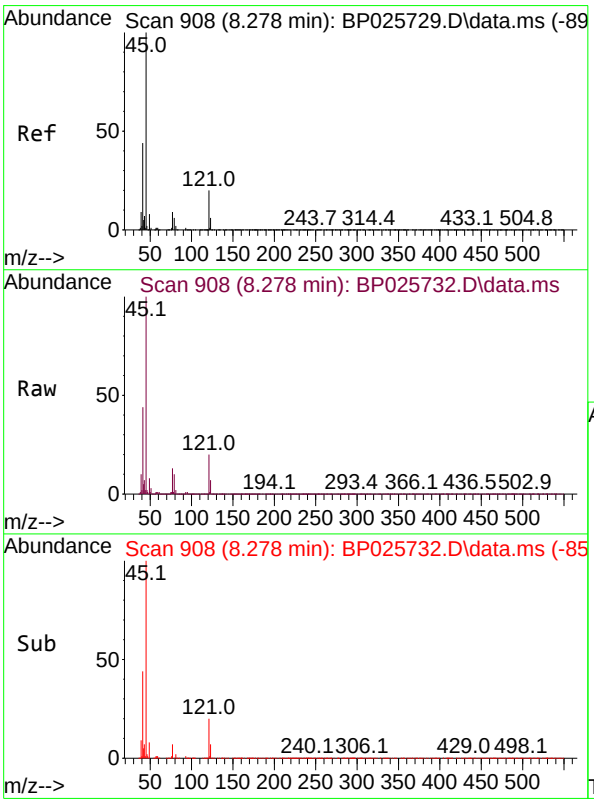
#15
Benzyl Alcohol
Concen: 81.113 ng
RT: 8.002 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 865116

Ion	Ratio	Lower	Upper
79	100		
108	73.1	58.7	88.1
77	64.5	50.2	75.2

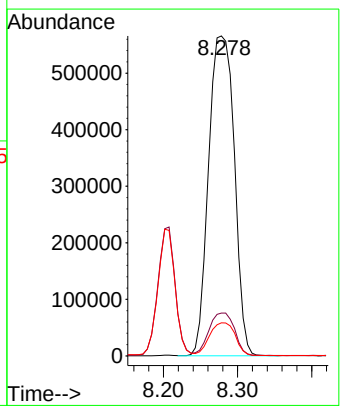


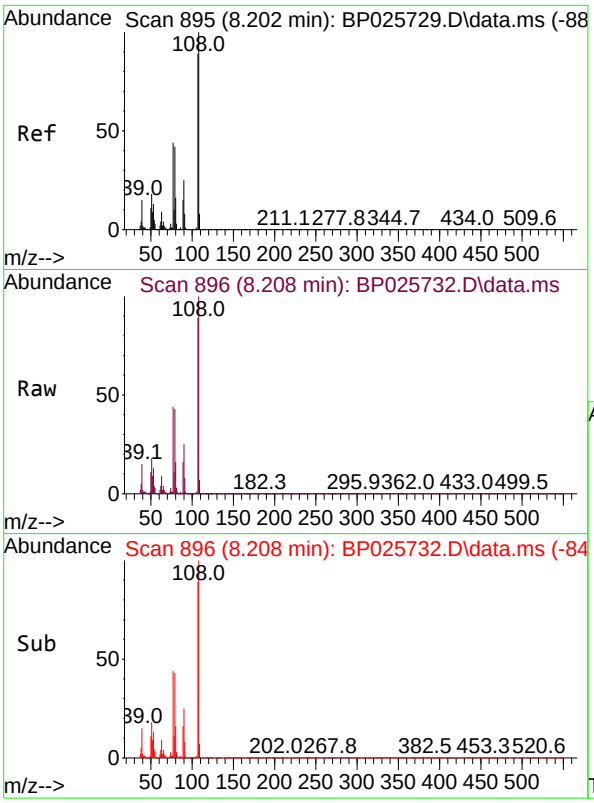


#16
2,2'-oxybis(1-Chloropropane)
Concen: 76.370 ng
RT: 8.278 min Scan# 908
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 45 Resp: 1365629

Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	33.1
79	10.3	0.0	30.0



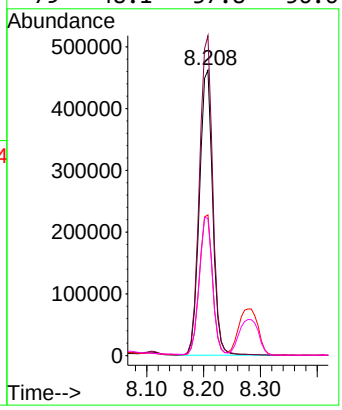


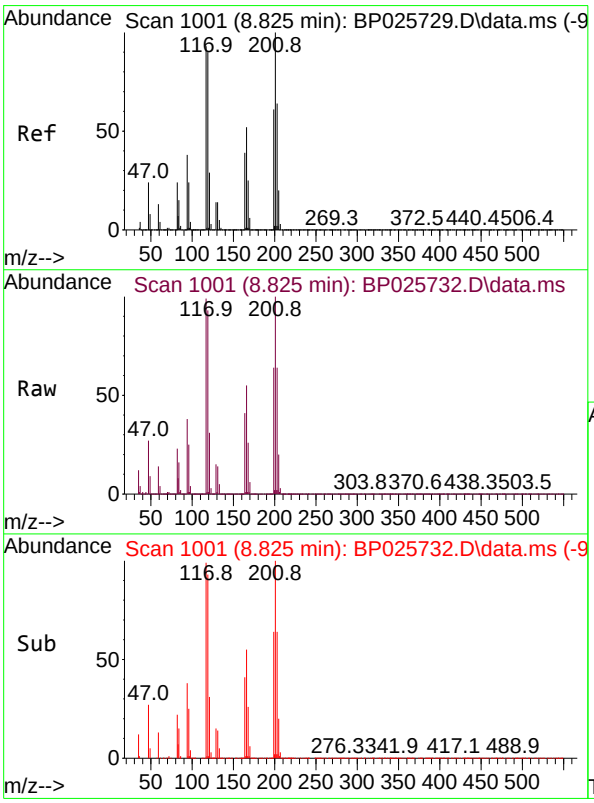
#17
2-Methylphenol
Concen: 81.433 ng
RT: 8.208 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 747211

Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.6	134.4
77	49.3	39.3	58.9
79	48.1	37.8	56.6

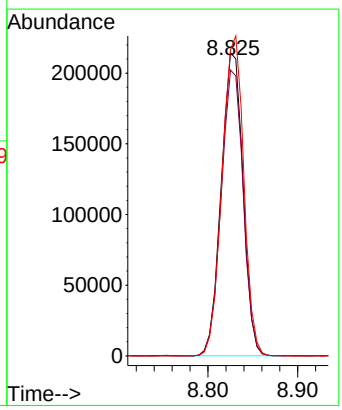


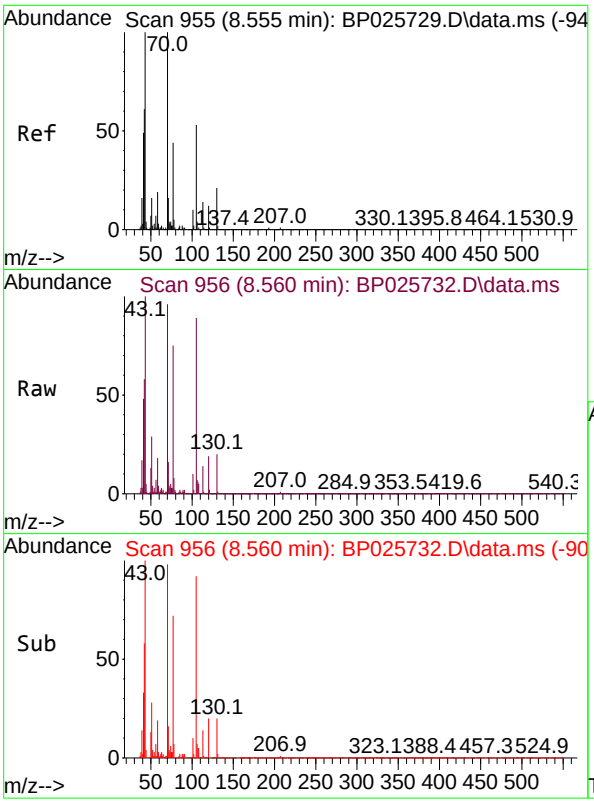


#18
Hexachloroethane
Concen: 76.881 ng
RT: 8.825 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:117 Resp: 362679

Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.1	115.7
201	101.0	85.6	128.4



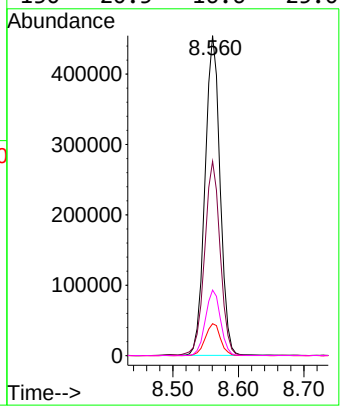


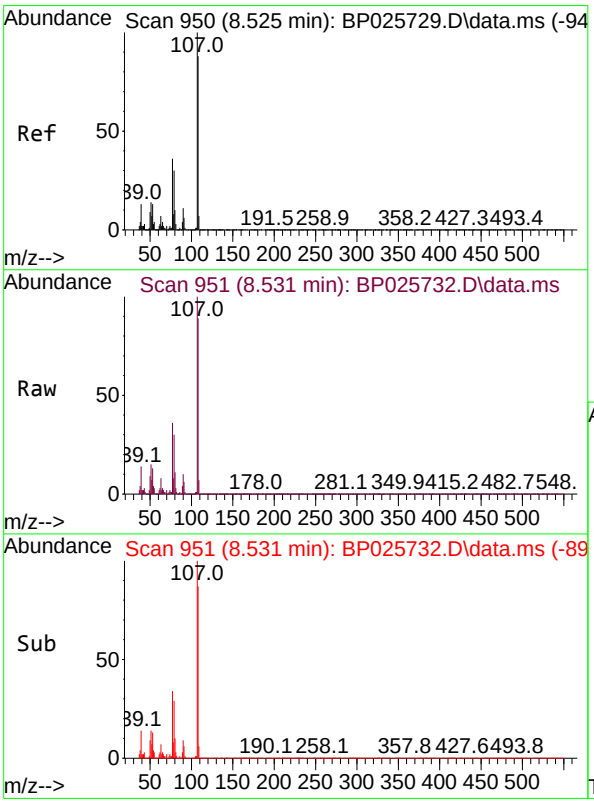
#19
n-Nitroso-di-n-propylamine
Concen: 81.103 ng
RT: 8.560 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 721517

Ion	Ratio	Lower	Upper
70	100		
42	60.8	49.0	73.4
101	10.0	7.9	11.9
130	20.5	16.6	25.0

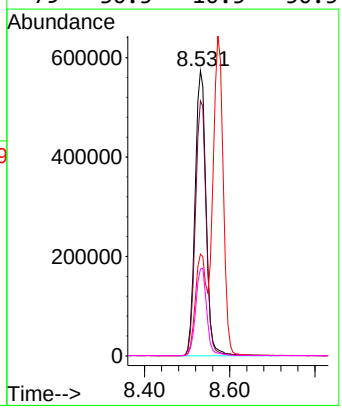


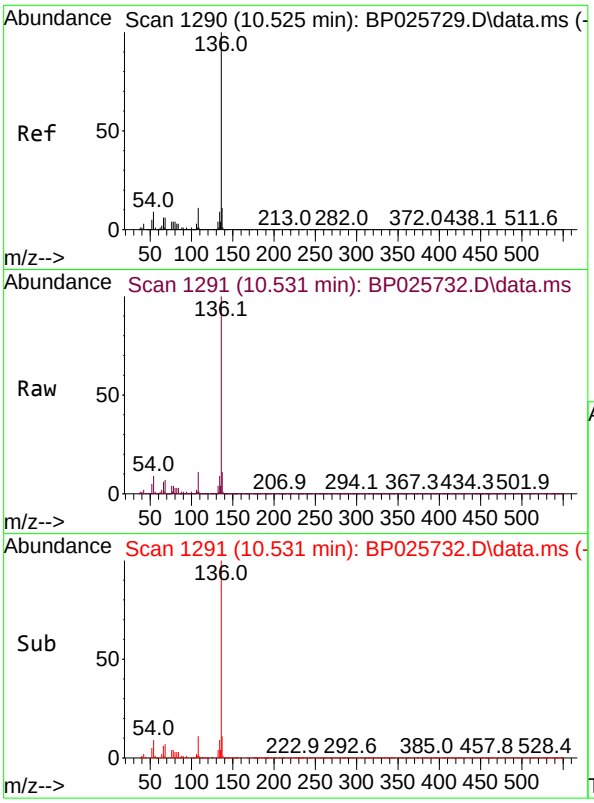


#20
3+4-Methylphenols
Concen: 79.634 ng
RT: 8.531 min Scan# 951
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:107 Resp: 1023340

Ion	Ratio	Lower	Upper
107	100		
108	89.5	67.8	107.8
77	35.7	16.1	56.1
79	30.5	10.5	50.5



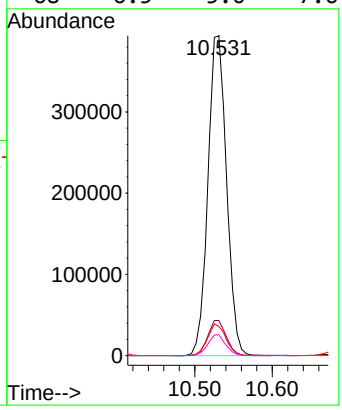


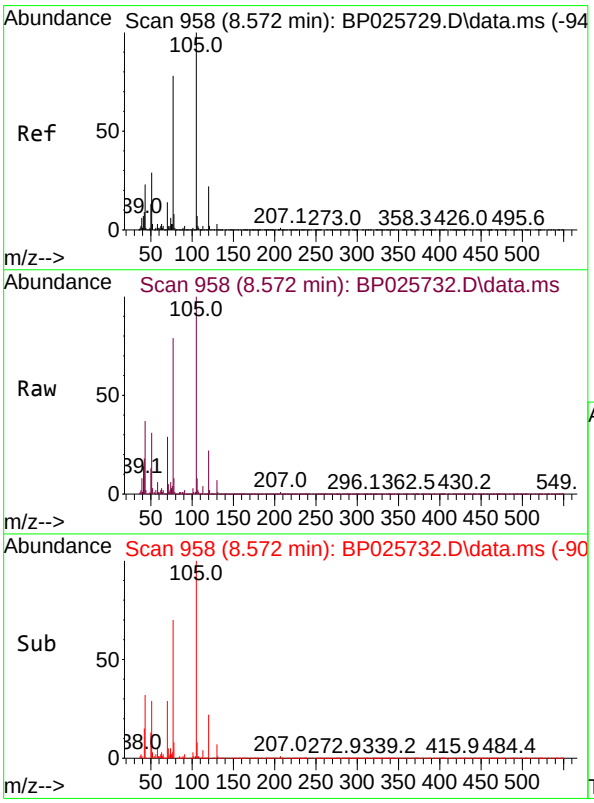
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.531 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 657507

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.1	7.5	11.3
68	6.5	5.0	7.6

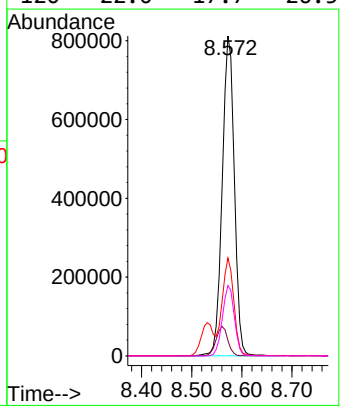


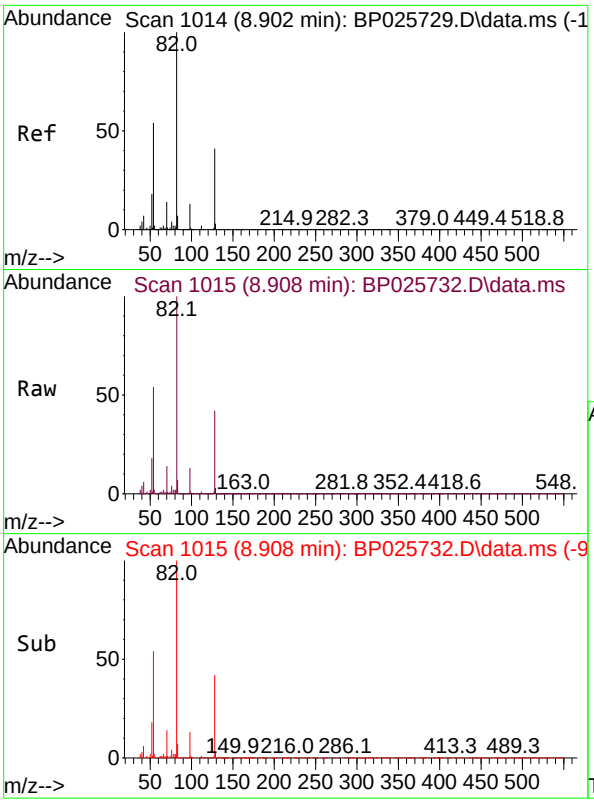


#22
Acetophenone
Concen: 77.798 ng
RT: 8.572 min Scan# 958
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:105 Resp: 1366991

Ion	Ratio	Lower	Upper
105	100		
71	4.8	1.8	2.8#
51	30.6	23.5	35.3
120	22.0	17.7	26.5



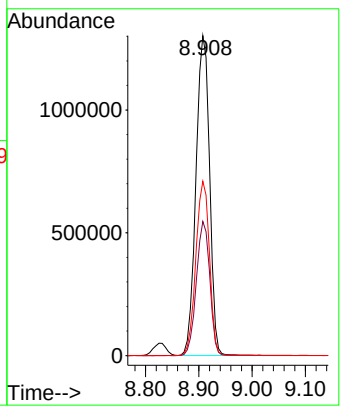


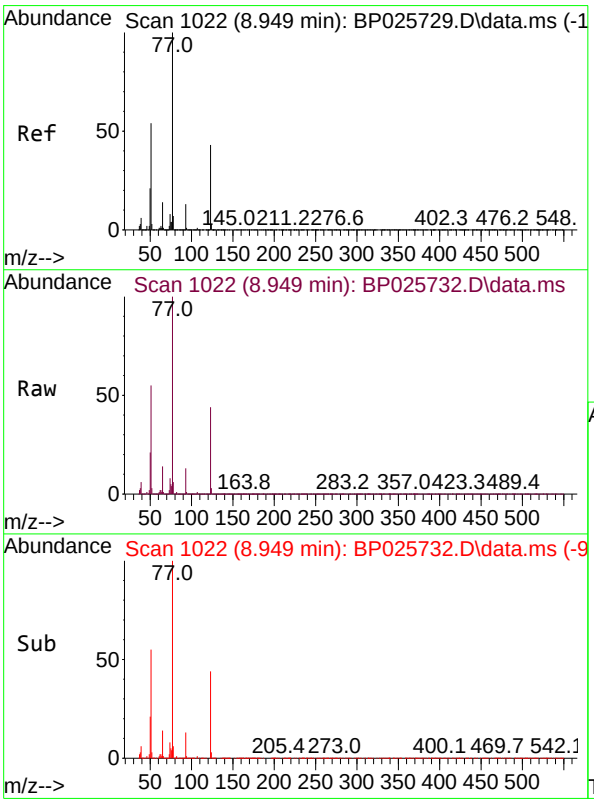
#23
Nitrobenzene-d5
Concen: 155.163 ng
RT: 8.908 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 2312828

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.9	49.3
54	54.5	43.4	65.2

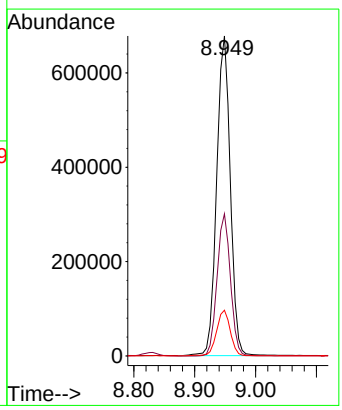


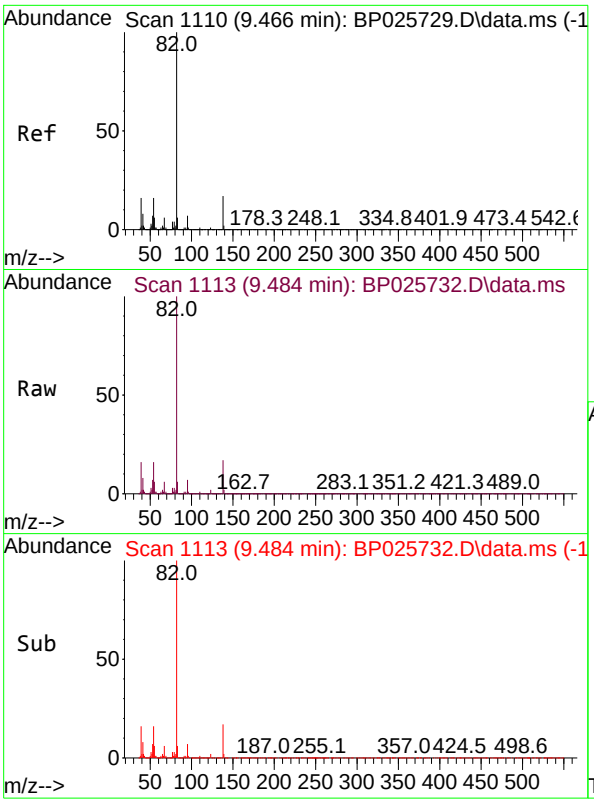


#24
Nitrobenzene
Concen: 78.746 ng
RT: 8.949 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 77 Resp: 1052990

Ion	Ratio	Lower	Upper
77	100		
123	44.4	34.4	51.6
65	14.3	10.8	16.2



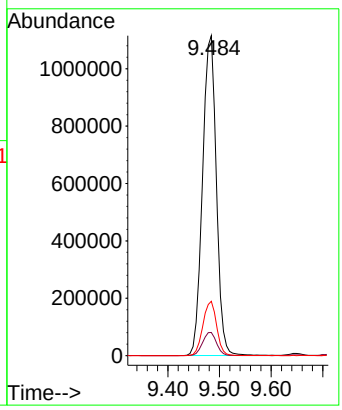


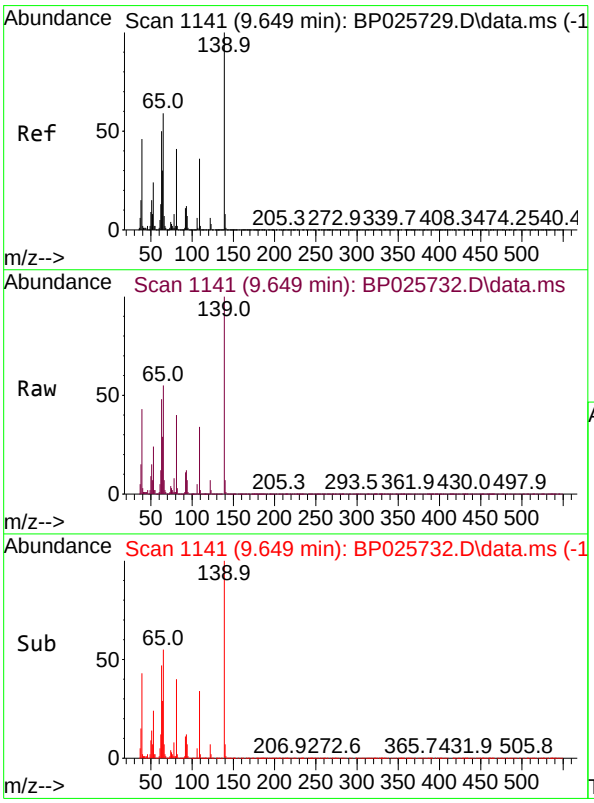
#25
Isophorone
Concen: 79.012 ng
RT: 9.484 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 2070061

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	17.0	13.5	20.3

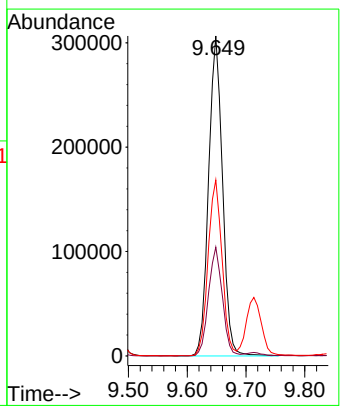


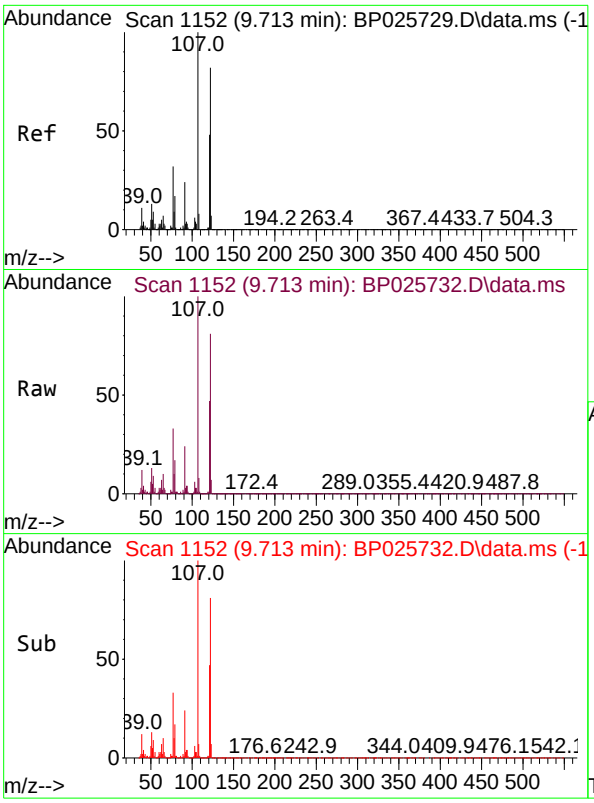


#26
2-Nitrophenol
Concen: 84.931 ng
RT: 9.649 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:139 Resp: 504228

Ion	Ratio	Lower	Upper
139	100		
109	34.0	29.0	43.4
65	55.0	46.9	70.3



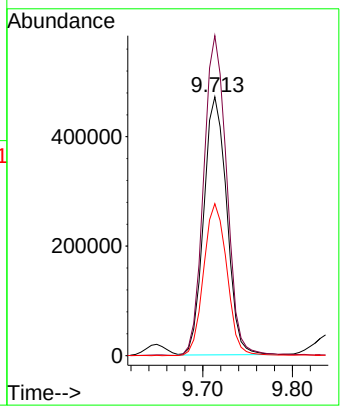


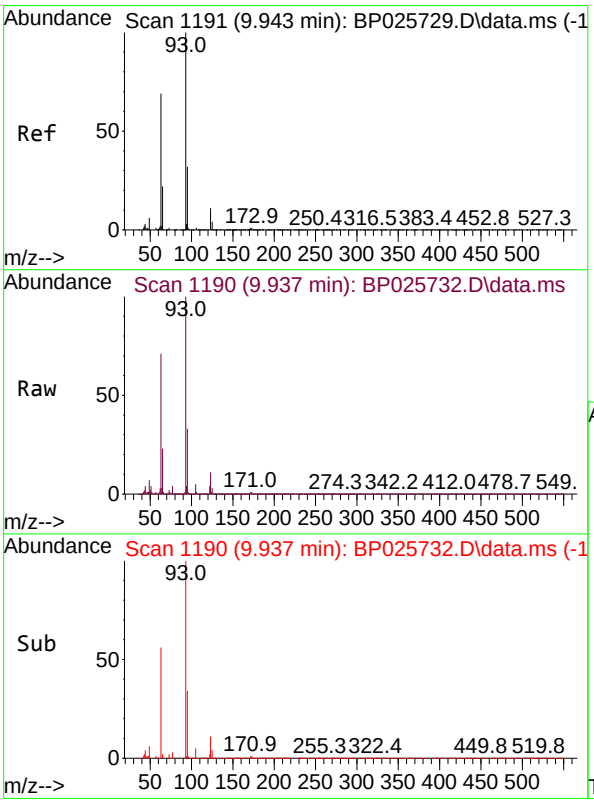
#27
2,4-Dimethylphenol
Concen: 80.887 ng
RT: 9.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 842469

Ion	Ratio	Lower	Upper
122	100		
107	123.6	97.9	146.9
121	58.7	47.4	71.0

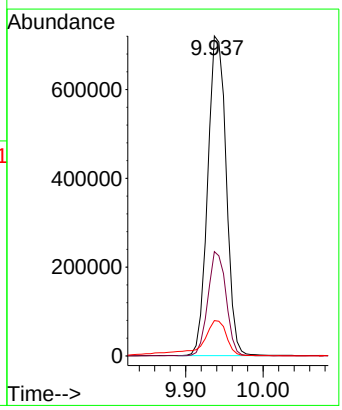


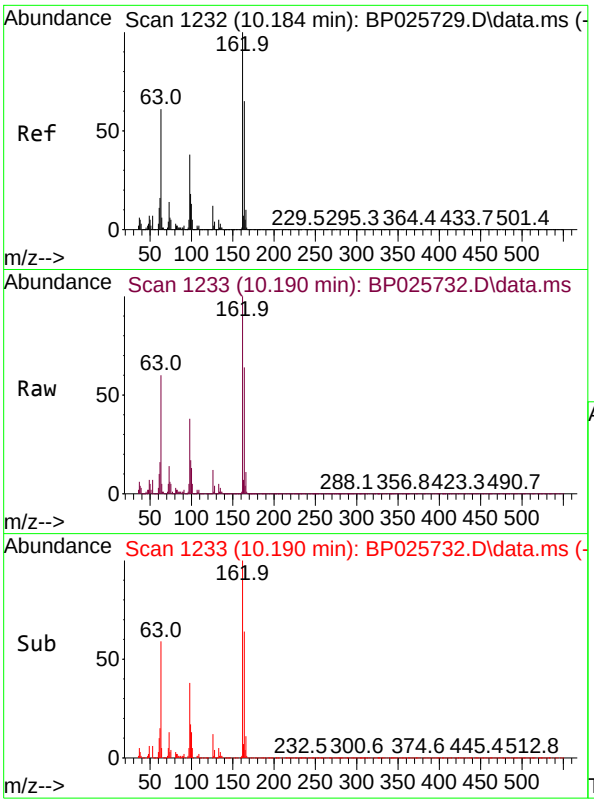


#28
bis(2-Chloroethoxy)methane
Concen: 78.631 ng
RT: 9.937 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 93 Resp: 1190837

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.6	38.4
123	11.0	9.2	13.8



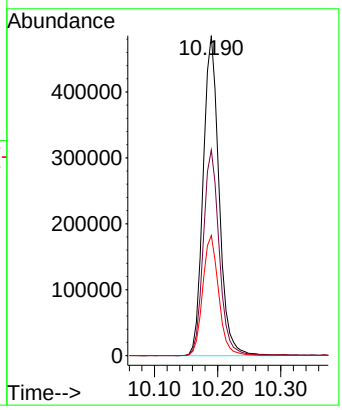


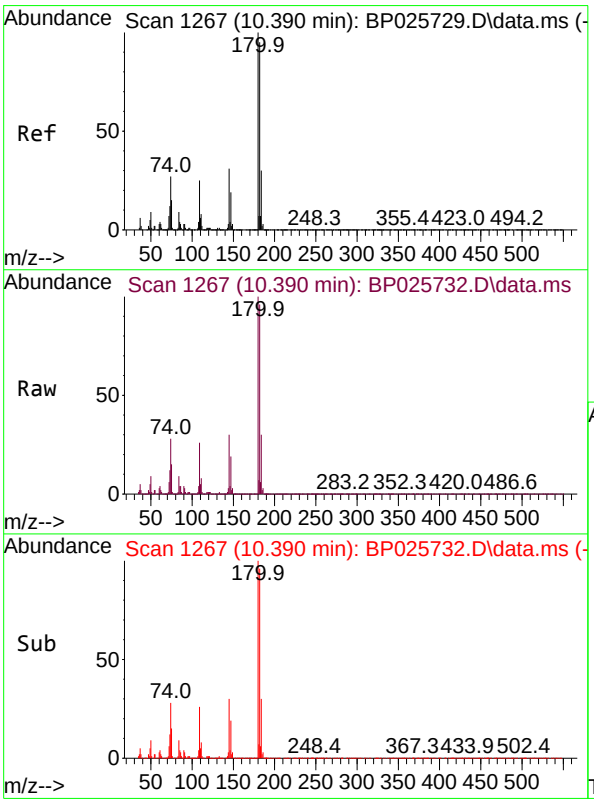
#29
2,4-Dichlorophenol
Concen: 81.883 ng
RT: 10.190 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 850329

Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.7	84.7
98	37.5	18.1	58.1

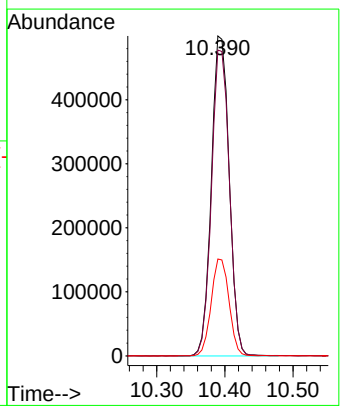


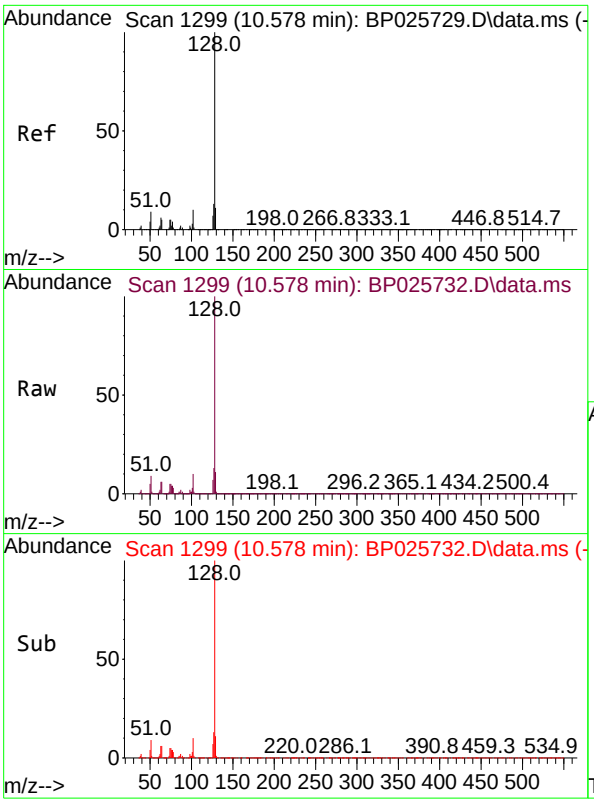


#30
1,2,4-Trichlorobenzene
Concen: 77.134 ng
RT: 10.390 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:180 Resp: 902735

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.0	114.0
145	30.3	24.7	37.1



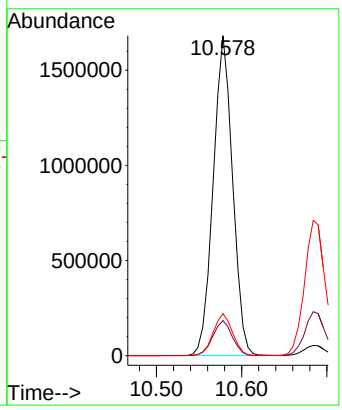


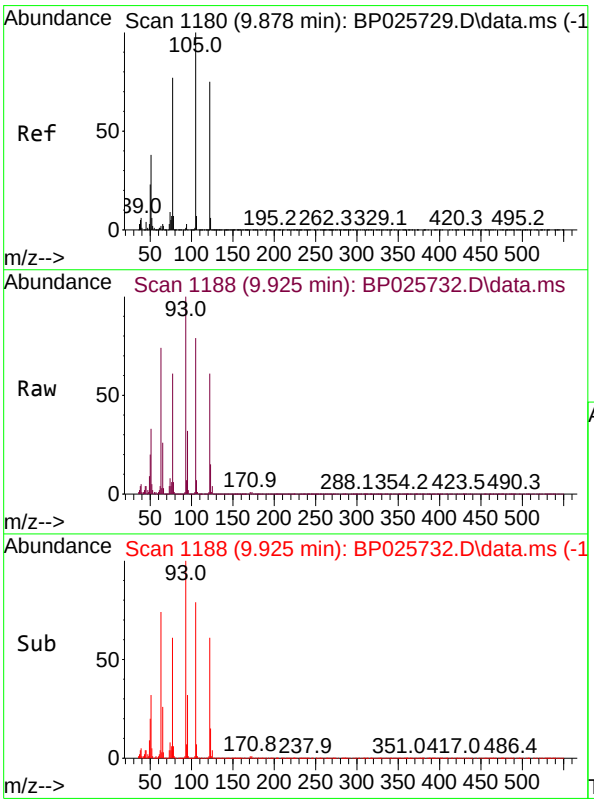
#31
Naphthalene
Concen: 74.948 ng
RT: 10.578 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 2657135

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.2	10.2	15.4

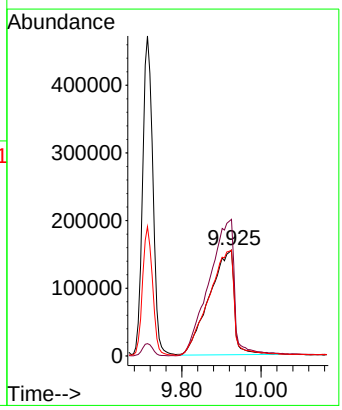


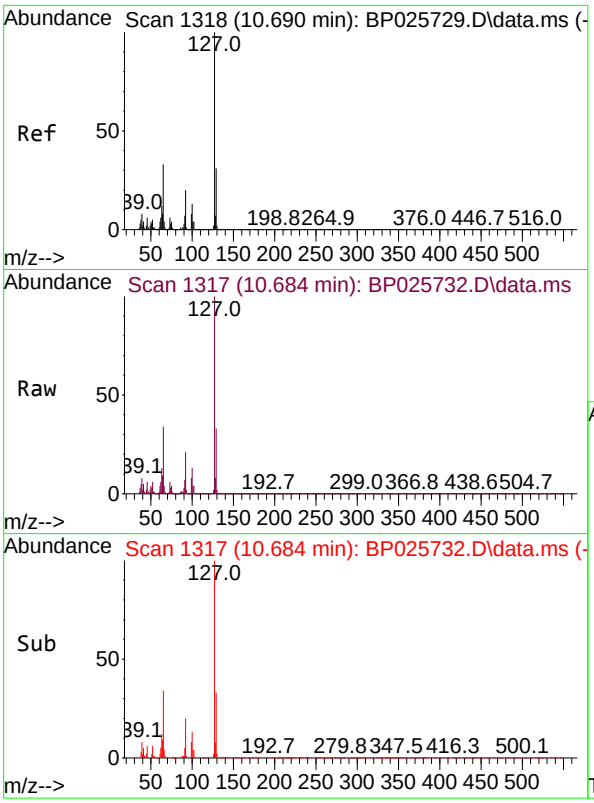


#32
Benzoic acid
Concen: 87.910 ng
RT: 9.925 min Scan# 1188
Delta R.T. 0.047 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:122 Resp: 680741

Ion	Ratio	Lower	Upper
122	100		
105	129.3	111.5	151.5
77	100.2	81.8	121.8



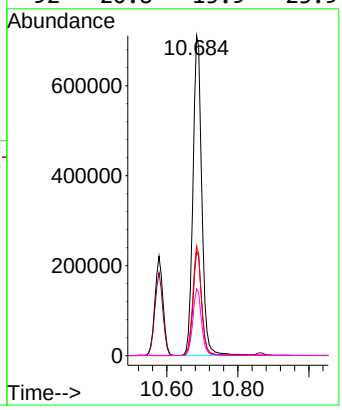


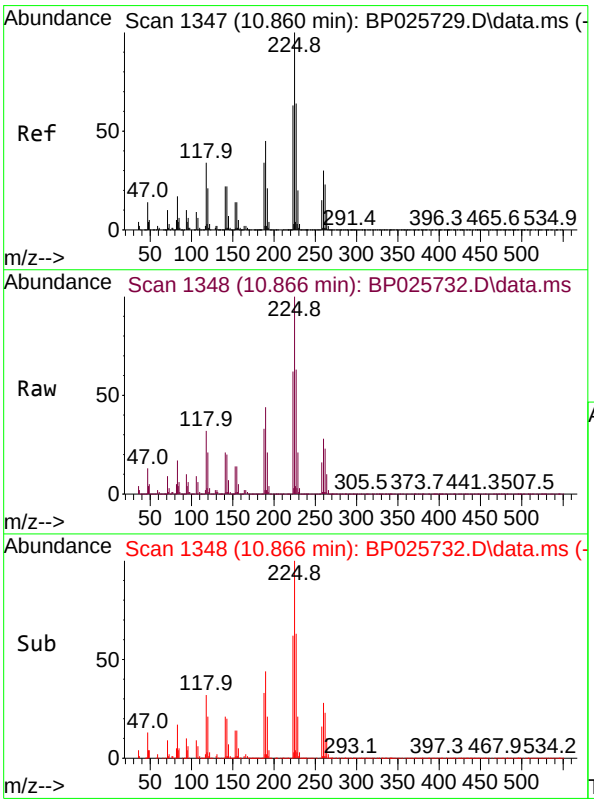
#33
4-Chloroaniline
Concen: 83.774 ng
RT: 10.684 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 1237939

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.1	37.7
65	34.3	26.4	39.6
92	20.8	15.9	23.9

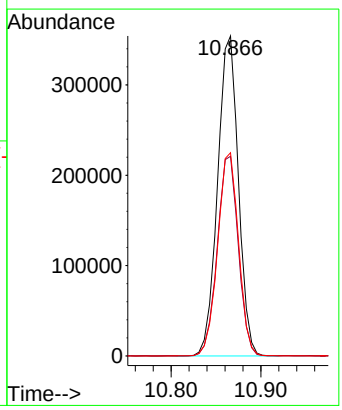


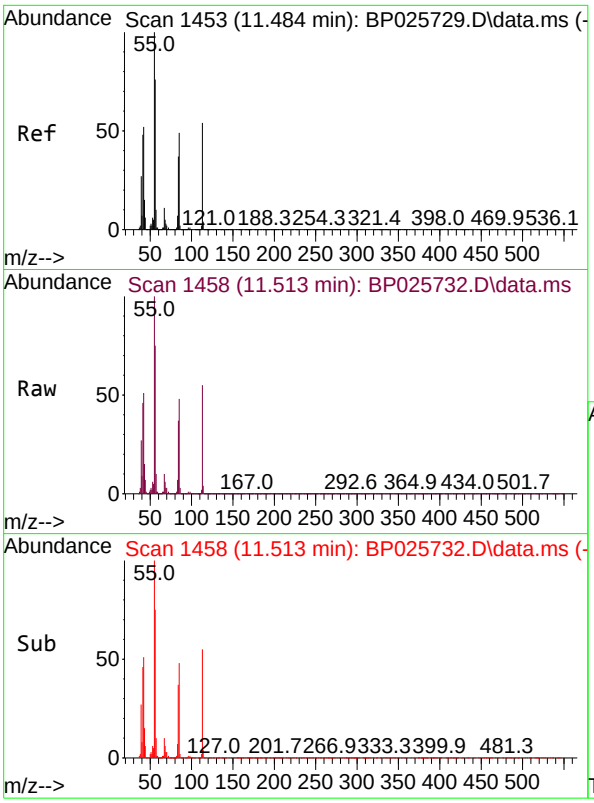


#34
Hexachlorobutadiene
Concen: 75.871 ng
RT: 10.866 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:225 Resp: 571616

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.1	75.1
227	63.5	51.2	76.8



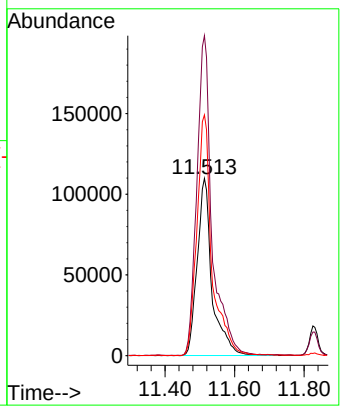


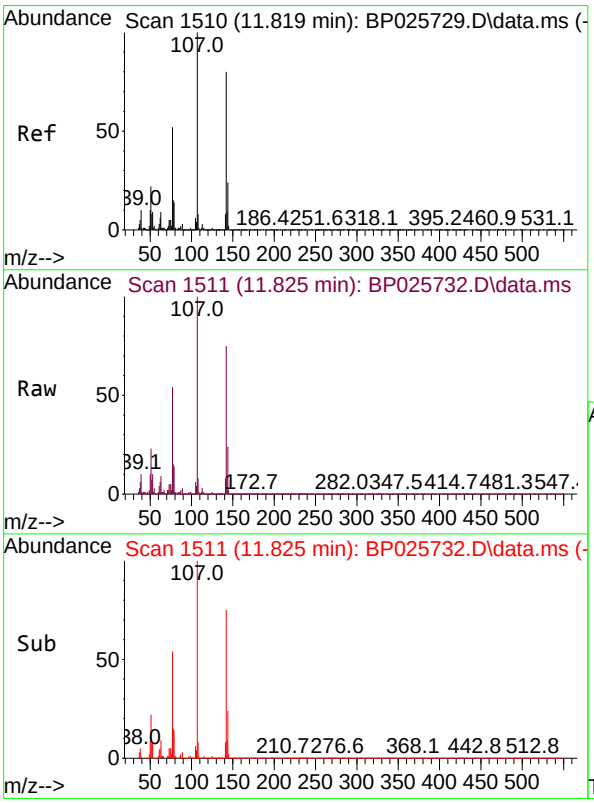
#35
Caprolactam
Concen: 81.266 ng
RT: 11.513 min Scan# 14
Delta R.T. 0.029 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 324639

Ion	Ratio	Lower	Upper
113	100		
55	180.6	165.5	205.5
56	135.9	121.1	161.1

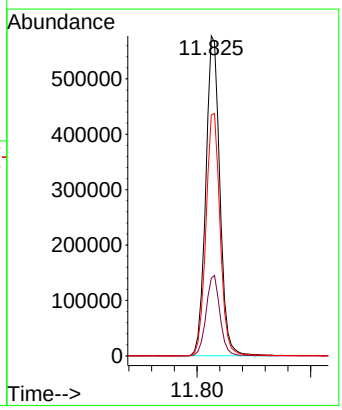


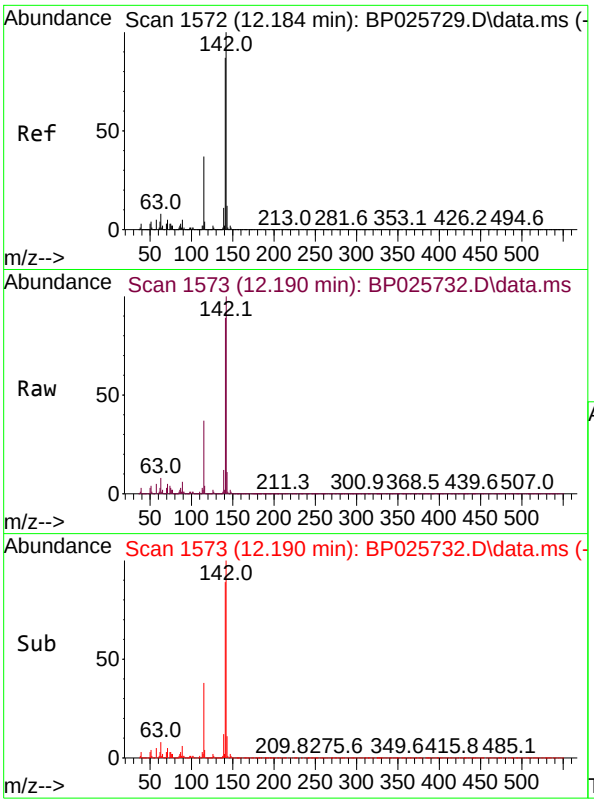


#36
4-Chloro-3-methylphenol
Concen: 80.654 ng
RT: 11.825 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:107 Resp: 998570

Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.4	29.2
142	75.3	63.8	95.6



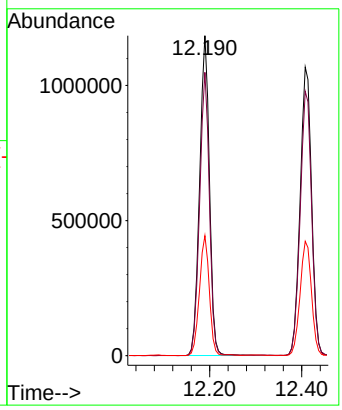


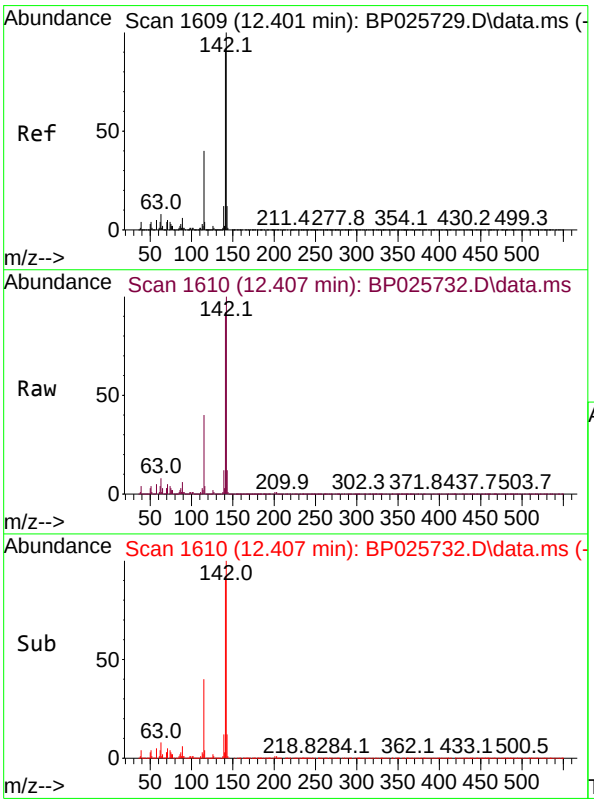
#37
2-Methylnaphthalene
Concen: 76.891 ng
RT: 12.190 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 1750889

Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.6	104.4
115	37.5	30.0	45.0

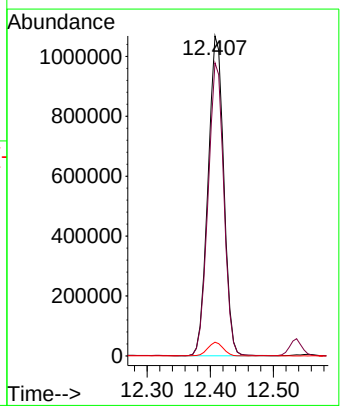


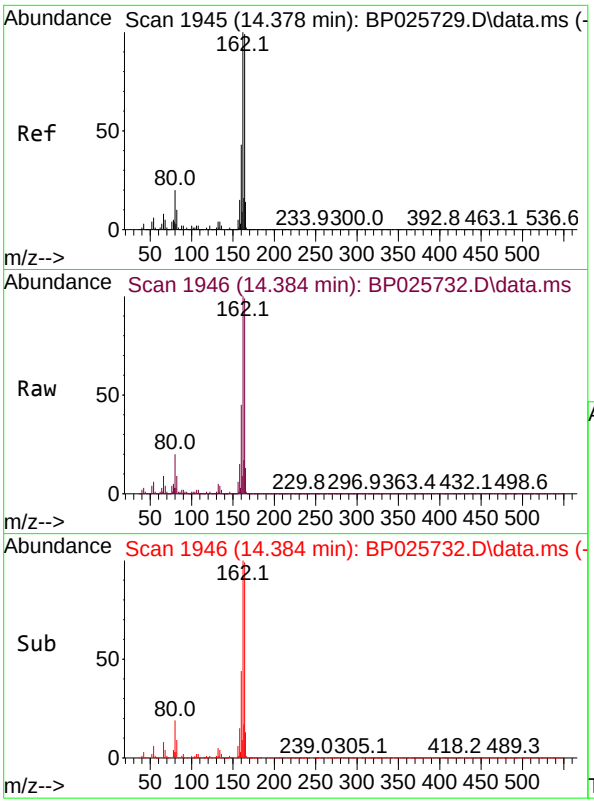


#38
1-Methylnaphthalene
Concen: 76.178 ng
RT: 12.407 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:142 Resp: 1849786

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.7	109.1
116	4.3	3.5	5.3



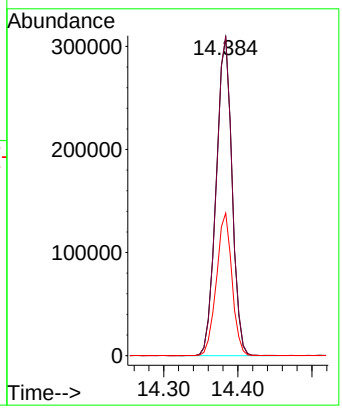


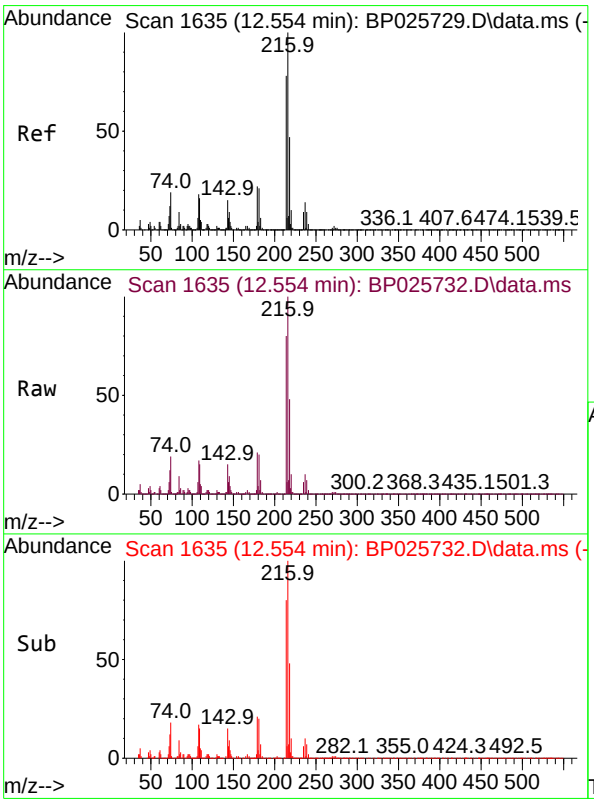
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 457251

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	44.9	35.0	52.6

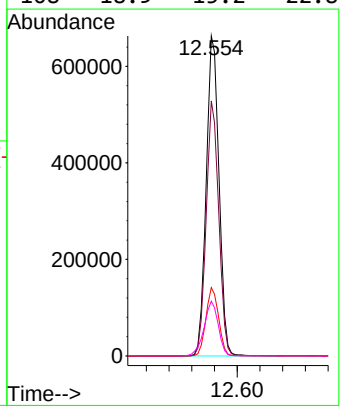


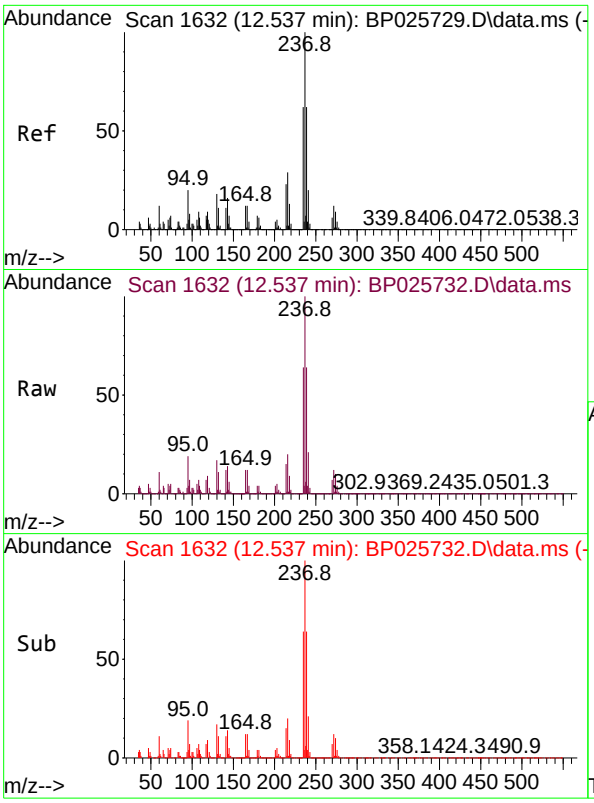


#40
1,2,4,5-Tetrachlorobenzene
Concen: 75.038 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:216 Resp: 1039713

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	21.1	17.0	25.6
108	18.9	15.2	22.8



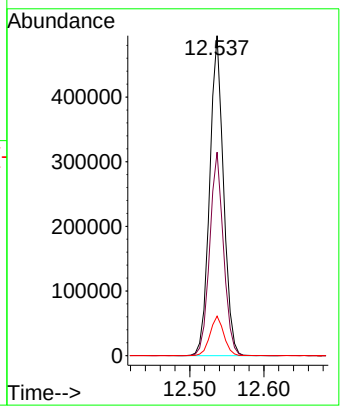


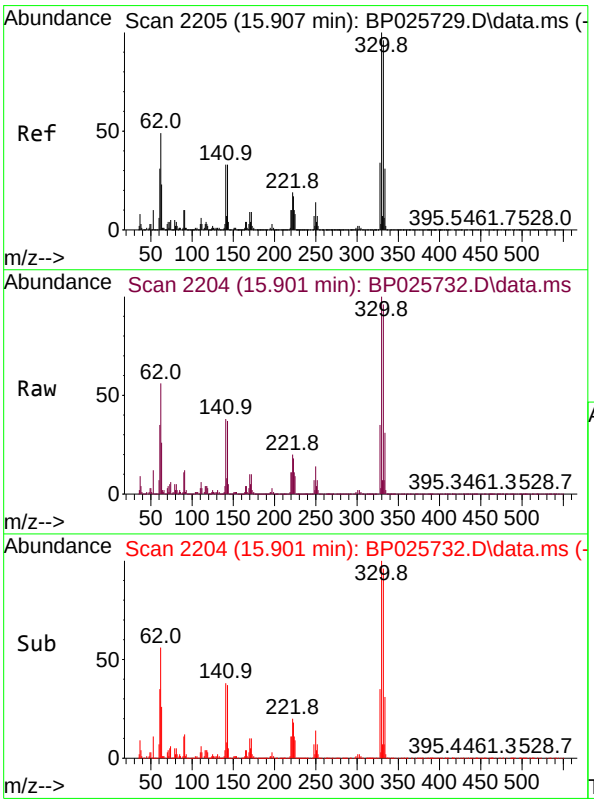
#41
Hexachlorocyclopentadiene
Concen: 84.983 ng
RT: 12.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 641317

Ion	Ratio	Lower	Upper
237	100		
235	63.6	41.9	81.9
272	12.3	0.0	31.8

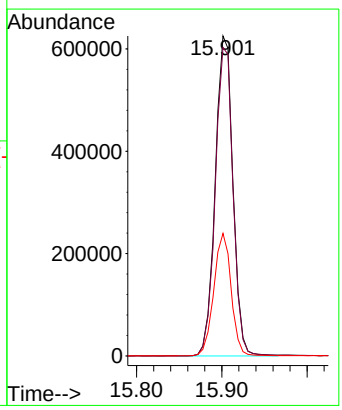


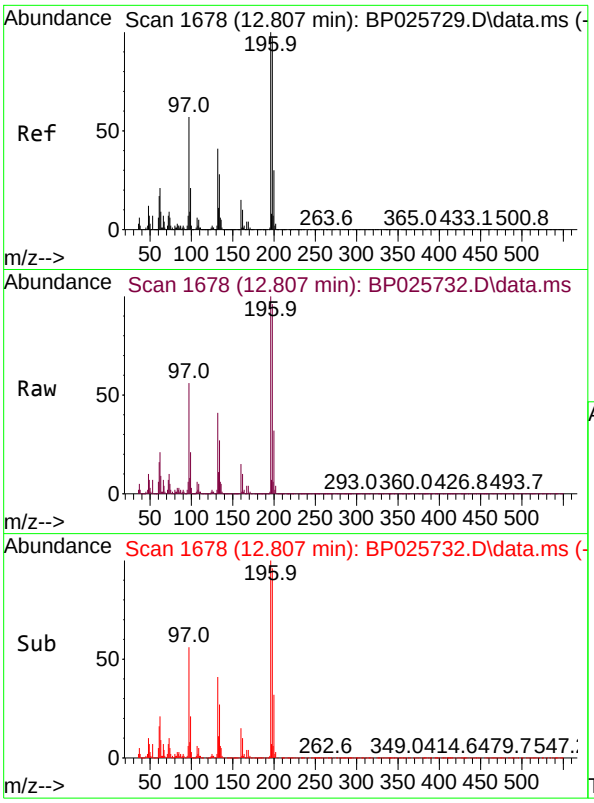


#42
2,4,6-Tribromophenol
Concen: 158.067 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:330 Resp: 901504

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	37.7	31.0	46.4



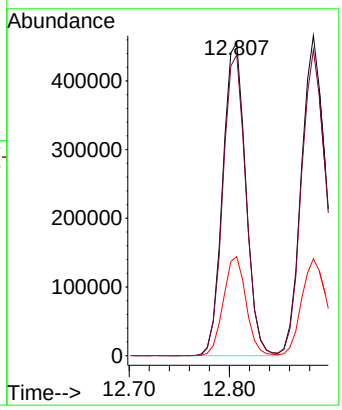


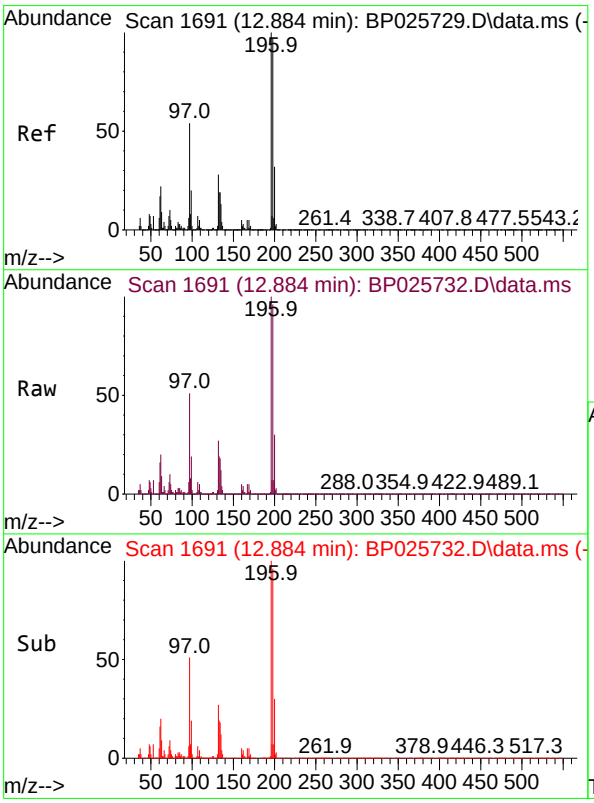
#43
2,4,6-Trichlorophenol
Concen: 79.683 ng
RT: 12.807 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 725824

Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.2	115.8
200	31.7	24.2	36.2

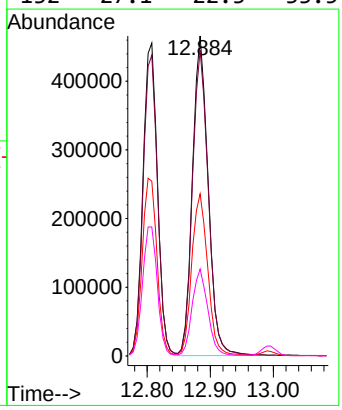


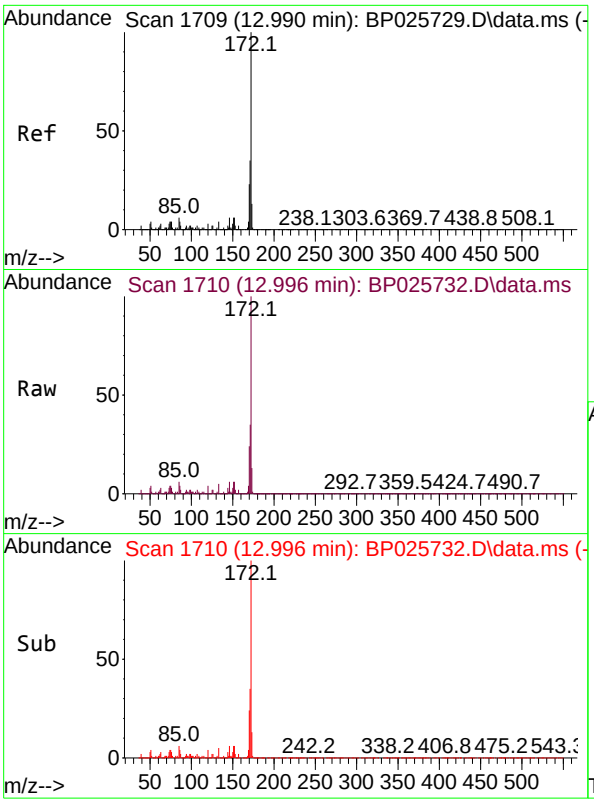


#44
2,4,5-Trichlorophenol
Concen: 79.601 ng
RT: 12.884 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:196 Resp: 806956

Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.8	116.8
97	50.6	43.3	64.9
132	27.1	22.3	33.5



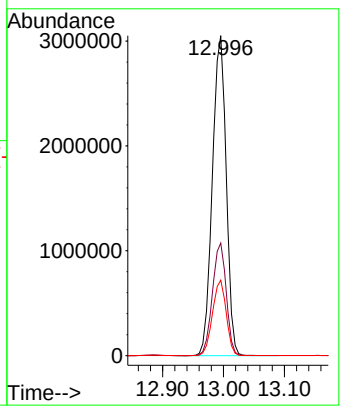


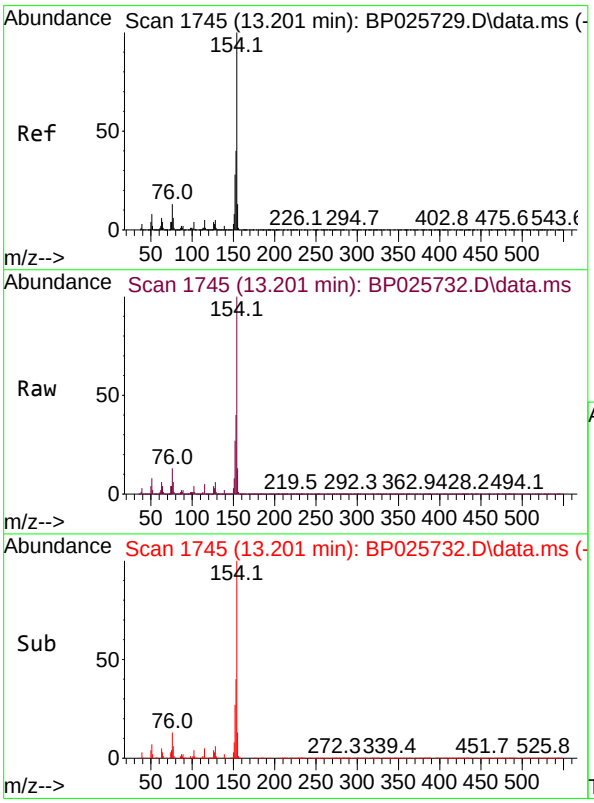
#45
2-Fluorobiphenyl
Concen: 140.360 ng
RT: 12.996 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 4820104

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	23.6	18.6	27.8

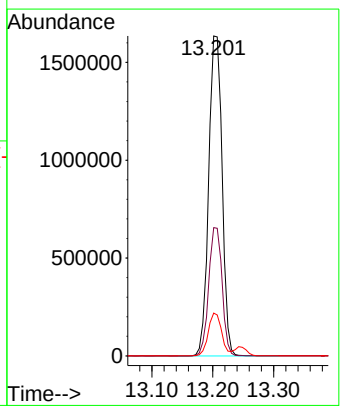


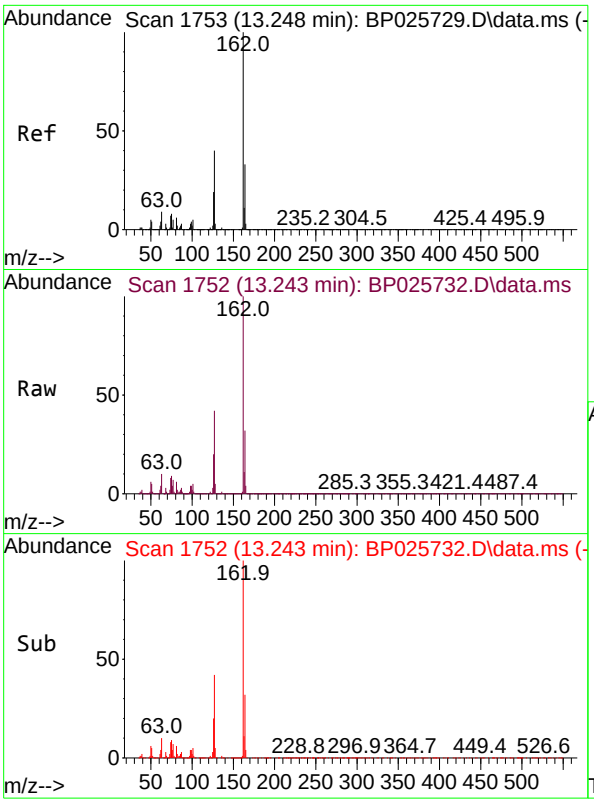


#46
1,1'-Biphenyl
Concen: 74.426 ng
RT: 13.201 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:154 Resp: 2497929

Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.7	59.7
76	13.4	0.0	33.3



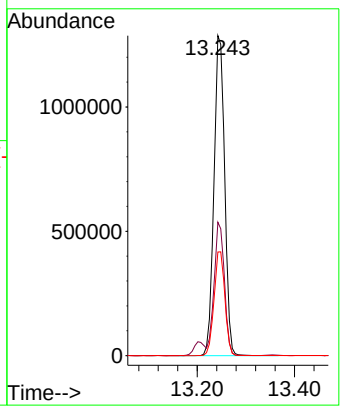


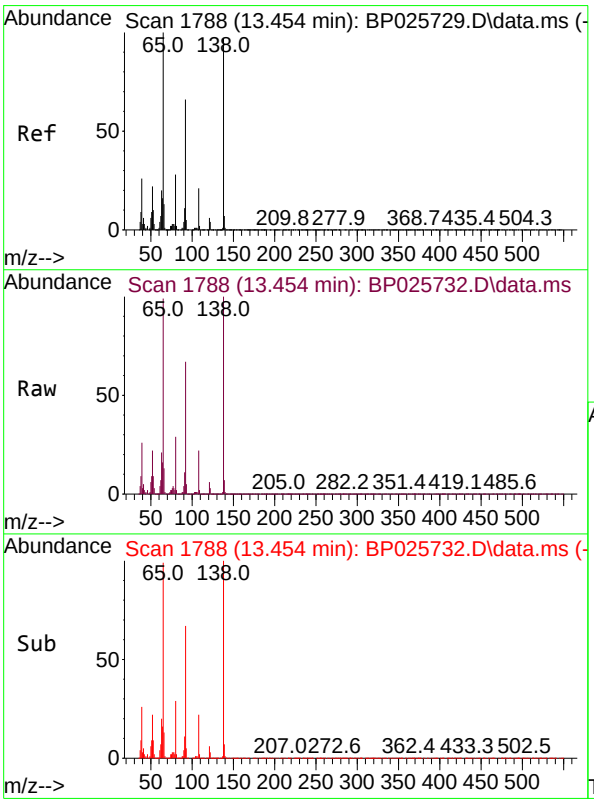
#47
2-Chloronaphthalene
Concen: 74.255 ng
RT: 13.243 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1962349

Ion	Ratio	Lower	Upper
162	100		
127	41.7	32.2	48.4
164	32.4	26.5	39.7

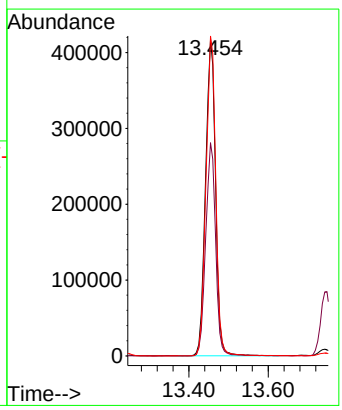


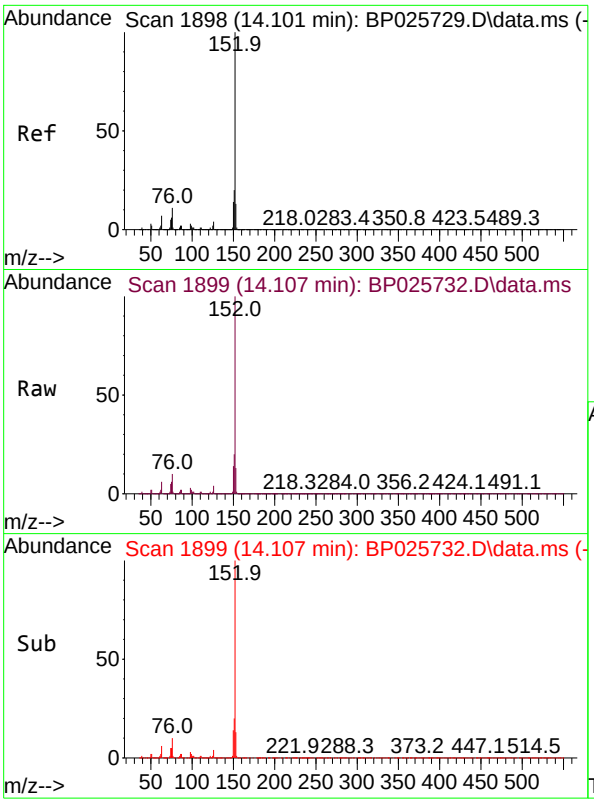


#48
2-Nitroaniline
Concen: 83.218 ng
RT: 13.454 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 65 Resp: 733091

Ion	Ratio	Lower	Upper
65	100		
92	67.4	53.1	79.7
138	101.1	77.8	116.8



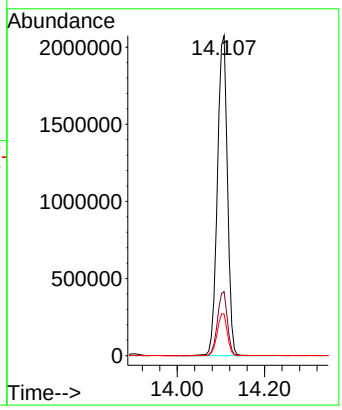


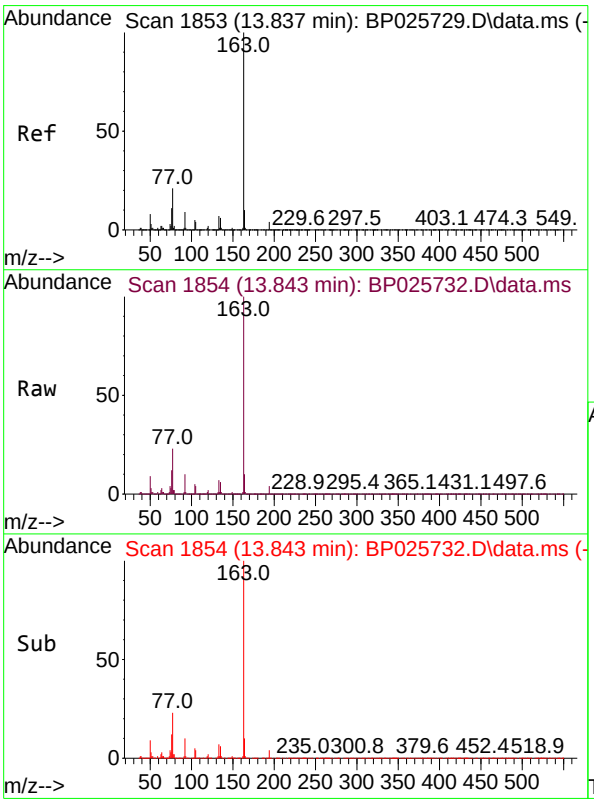
#49
Acenaphthylene
Concen: 75.625 ng
RT: 14.107 min Scan# 18
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 3311359

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.0	10.5	15.7

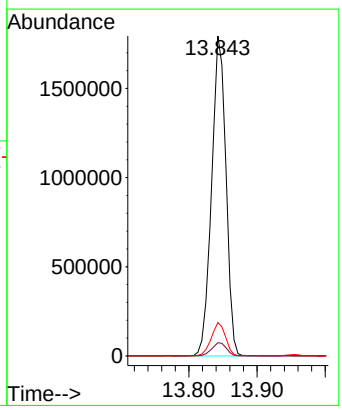


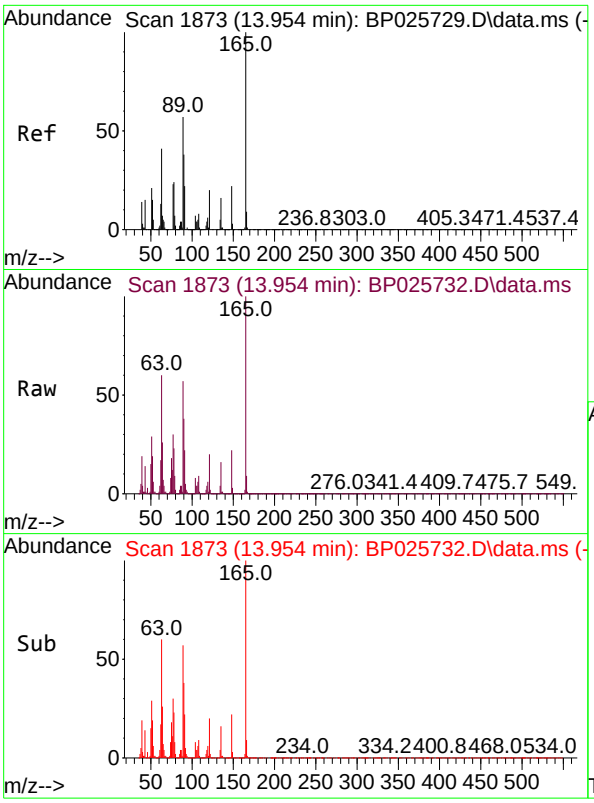


#50
Dimethylphthalate
Concen: 74.909 ng
RT: 13.843 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:163 Resp: 2615037

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.4	8.2	12.2



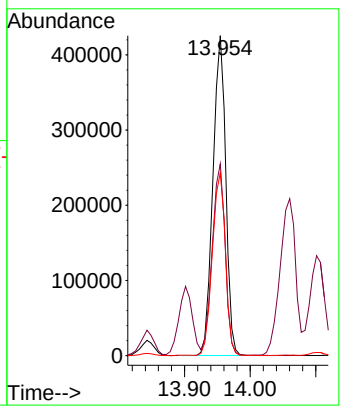


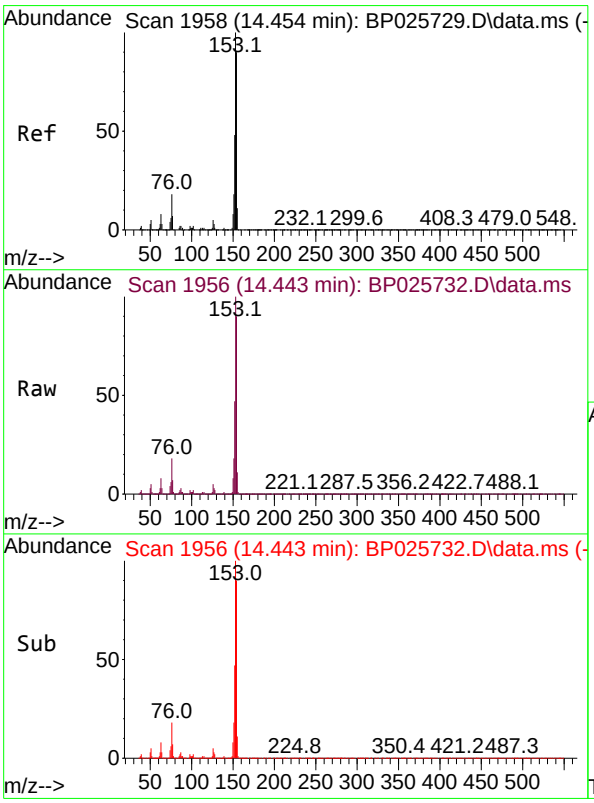
#51
2,6-Dinitrotoluene
Concen: 78.530 ng
RT: 13.954 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 580821

Ion	Ratio	Lower	Upper
165	100		
63	59.9	48.1	72.1
89	57.1	45.4	68.0

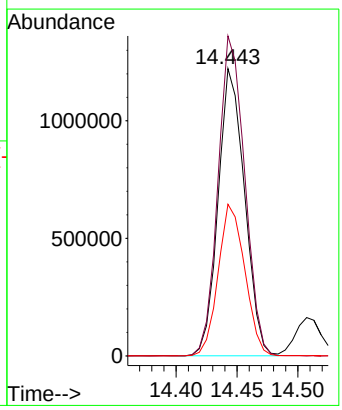


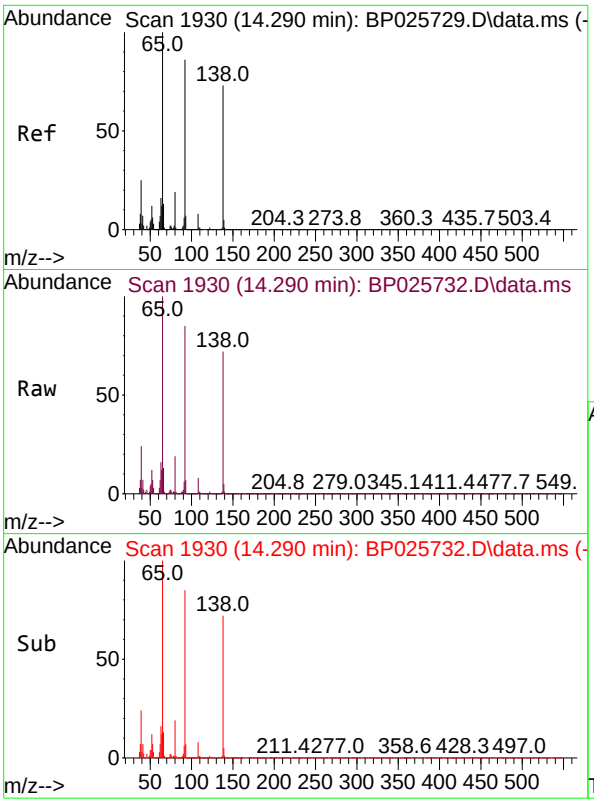


#52
Acenaphthene
Concen: 73.121 ng
RT: 14.443 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:154 Resp: 1846398

Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.4	134.0
152	52.8	42.5	63.7



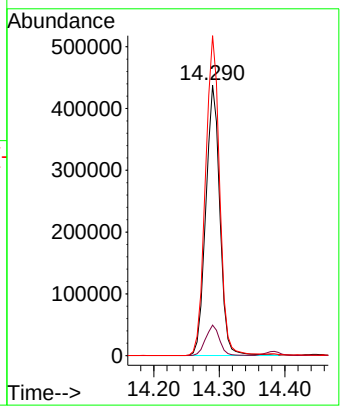


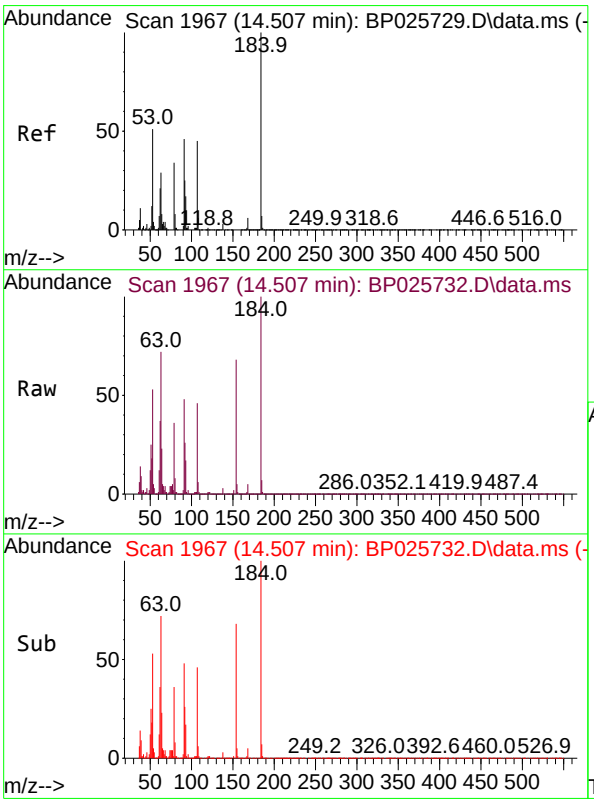
#53
3-Nitroaniline
Concen: 83.474 ng
RT: 14.290 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 649230

Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.7	13.1
92	118.4	94.6	142.0

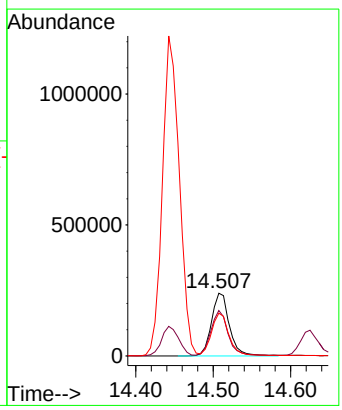


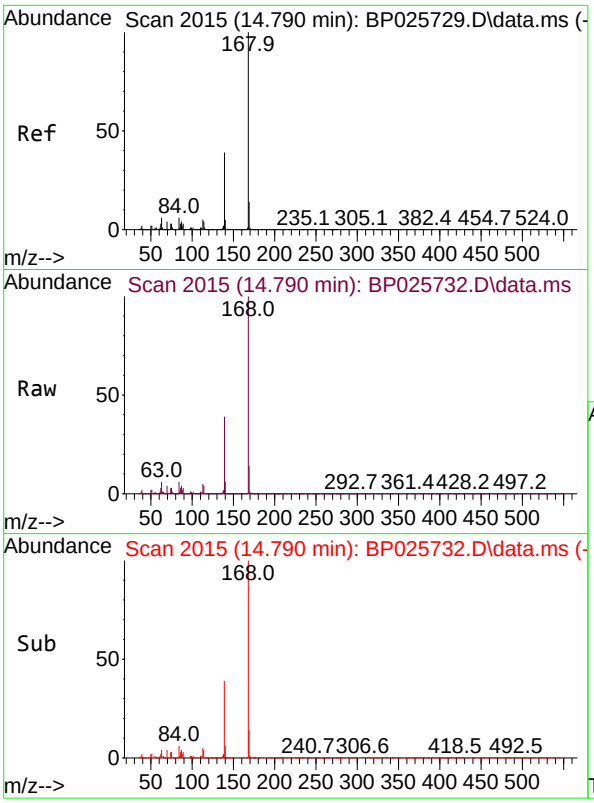


#54
2,4-Dinitrophenol
Concen: 79.506 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:184 Resp: 382175

Ion	Ratio	Lower	Upper
184	100		
63	72.4	52.5	78.7
154	68.1	51.5	77.3



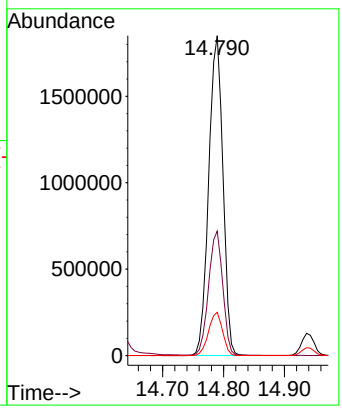


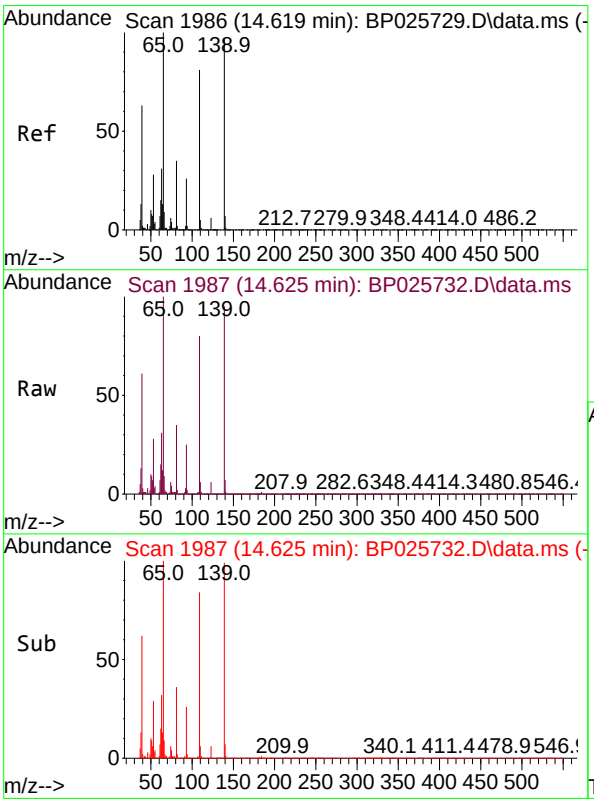
#55
Dibenzofuran
Concen: 72.882 ng
RT: 14.790 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 2999483

Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.7	47.5
169	13.5	10.8	16.2

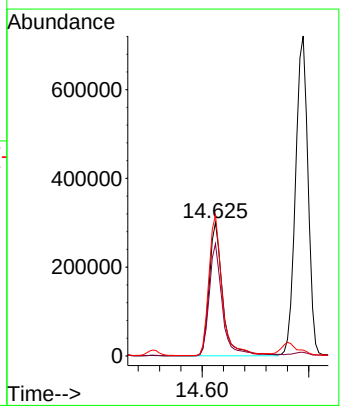


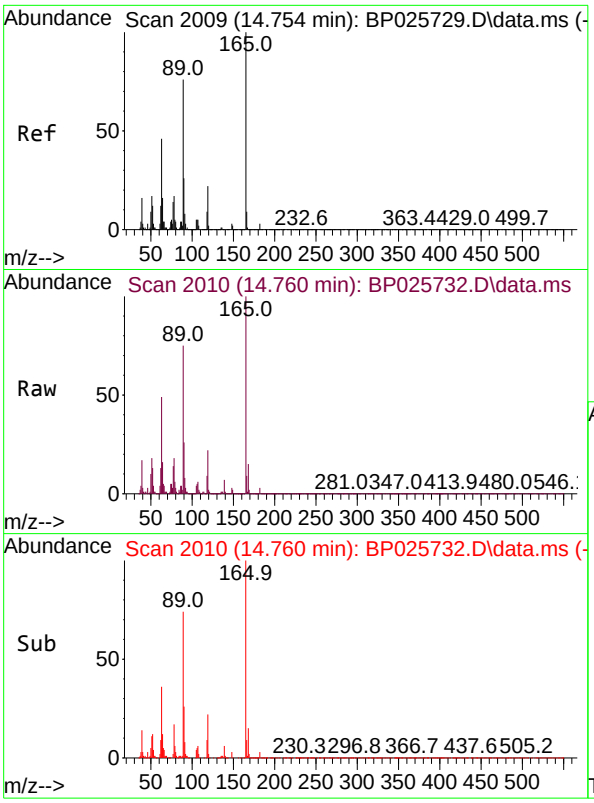


#56
4-Nitrophenol
Concen: 78.823 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:139 Resp: 527475

Ion	Ratio	Lower	Upper
139	100		
109	84.0	62.9	102.9
65	105.6	83.4	123.4



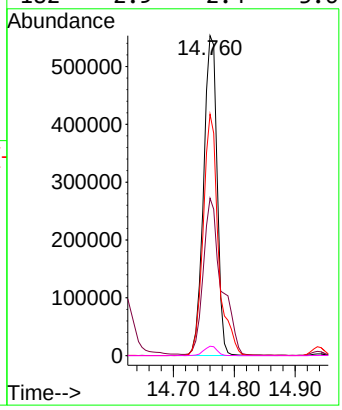


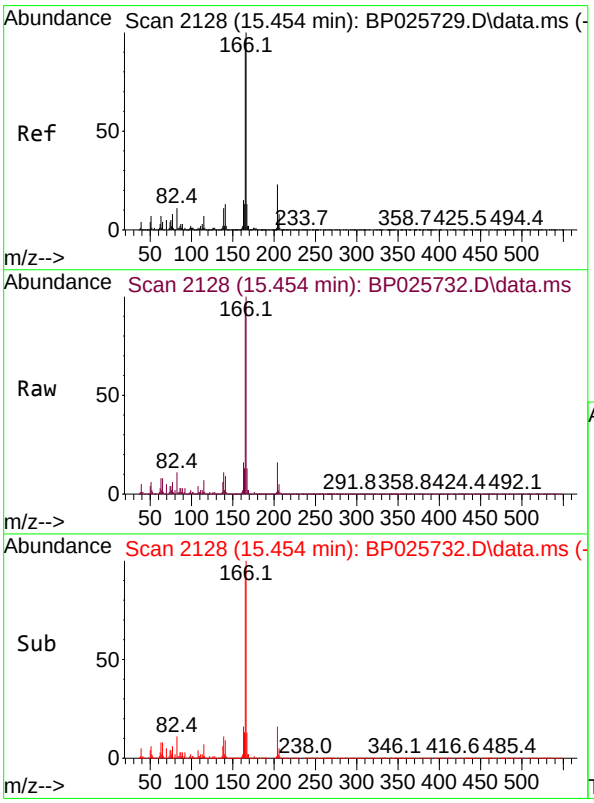
#57
2,4-Dinitrotoluene
Concen: 81.062 ng
RT: 14.760 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 853243

Ion	Ratio	Lower	Upper
165	100		
63	49.2	37.7	56.5
89	75.4	61.0	91.6
182	2.9	2.4	3.6

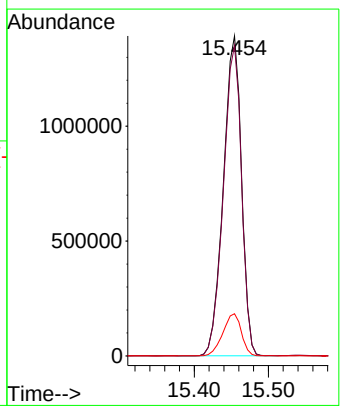


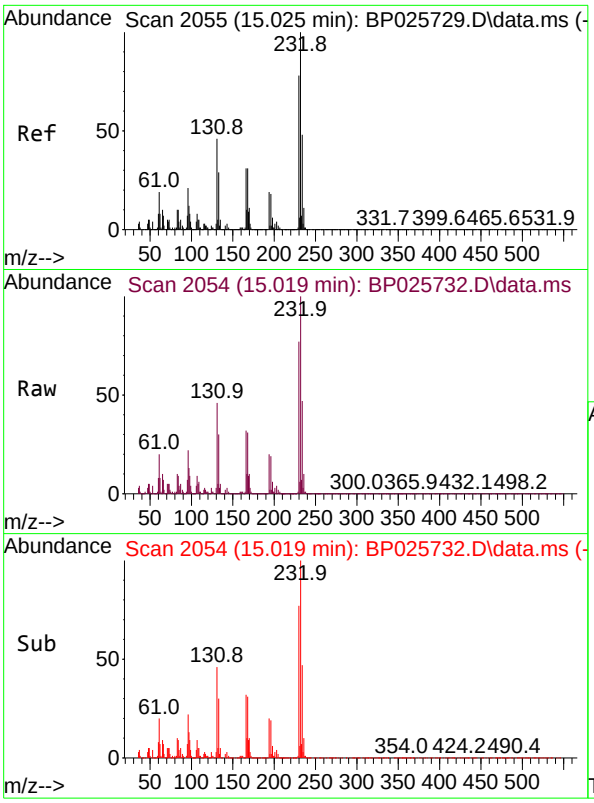


#58
Fluorene
Concen: 72.225 ng
RT: 15.454 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:166 Resp: 2363617

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.7	116.5
167	13.2	10.6	16.0



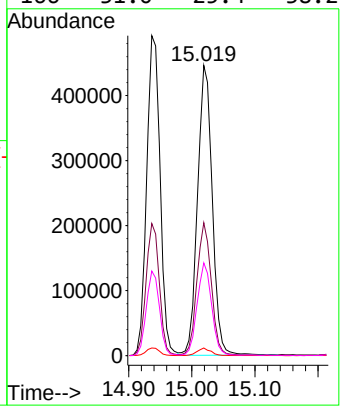


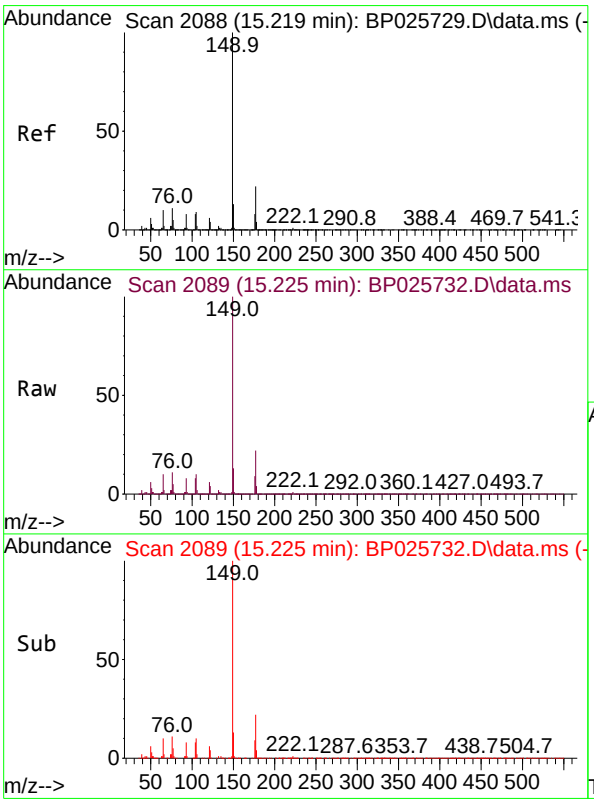
#59
2,3,4,6-Tetrachlorophenol
Concen: 79.155 ng
RT: 15.019 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 722846

Ion	Ratio	Lower	Upper
232	100		
131	44.8	36.7	55.1
130	2.4	2.0	3.0
166	31.0	25.4	38.2

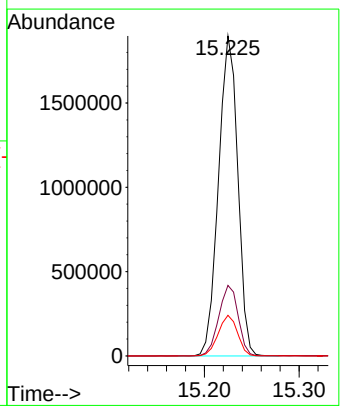


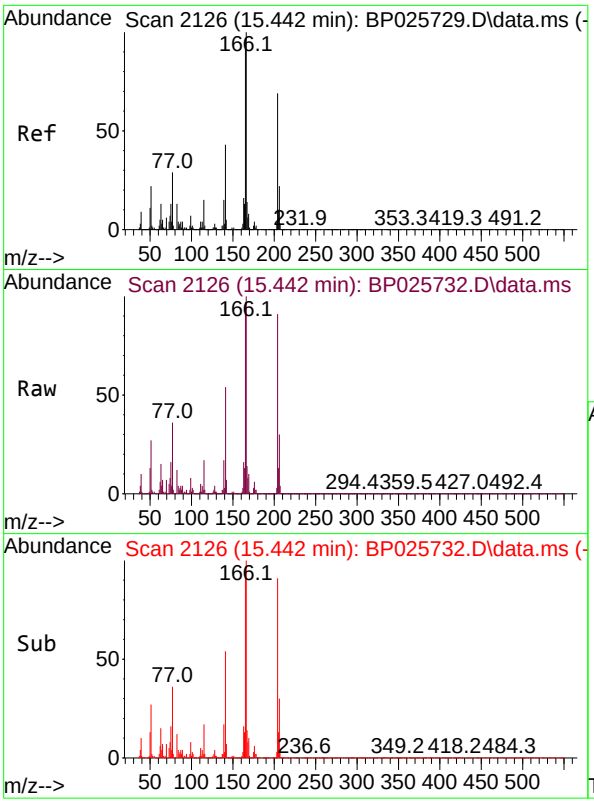


#60
Diethylphthalate
Concen: 75.646 ng
RT: 15.225 min Scan# 2089
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:149 Resp: 2678679

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.7	26.5
150	12.7	10.0	15.0



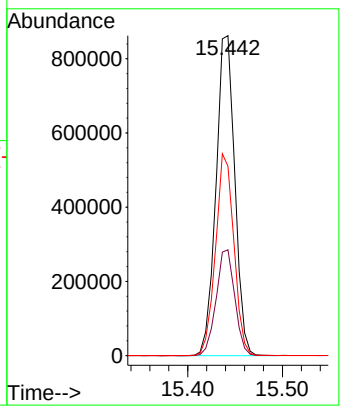


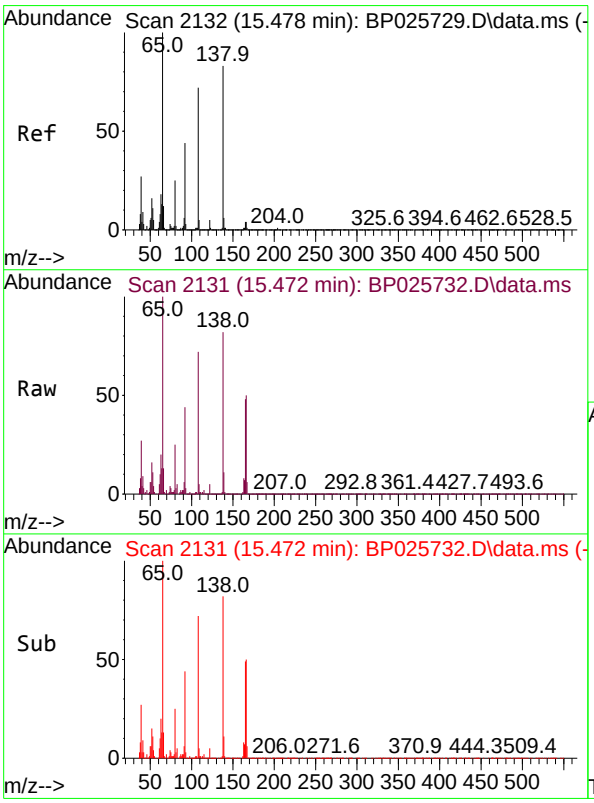
#61
4-Chlorophenyl-phenylether
Concen: 72.181 ng
RT: 15.442 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 1190470

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	59.2	49.7	74.5

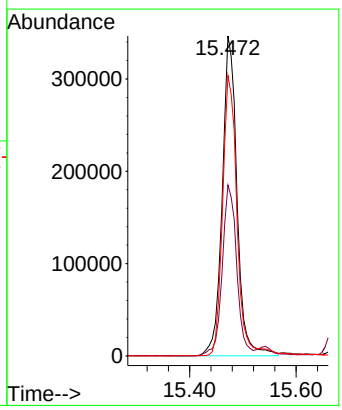


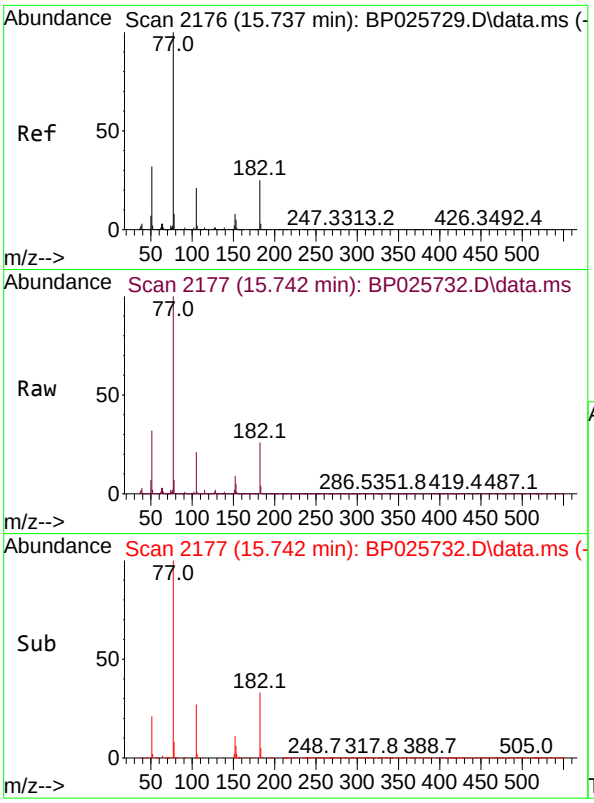


#62
4-Nitroaniline
Concen: 83.790 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:138 Resp: 667122

Ion	Ratio	Lower	Upper
138	100		
92	53.4	33.3	73.3
108	87.6	66.7	106.7



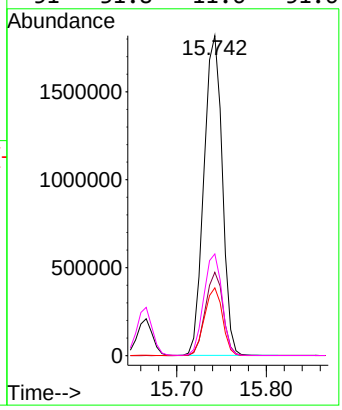


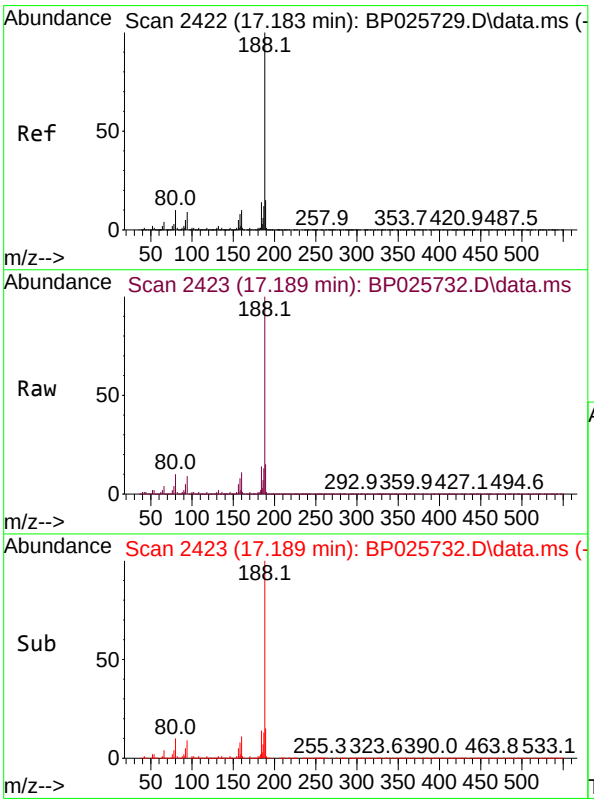
#63
Azobenzene
Concen: 75.299 ng
RT: 15.742 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 2578205

Ion	Ratio	Lower	Upper
77	100		
182	26.0	5.2	45.2
105	21.2	1.1	41.1
51	31.8	11.6	51.6

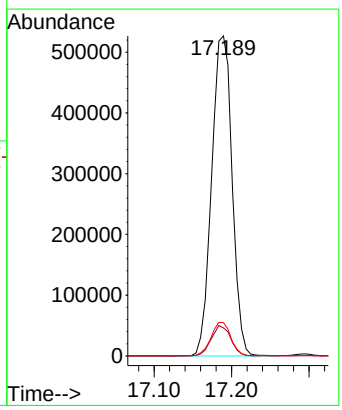


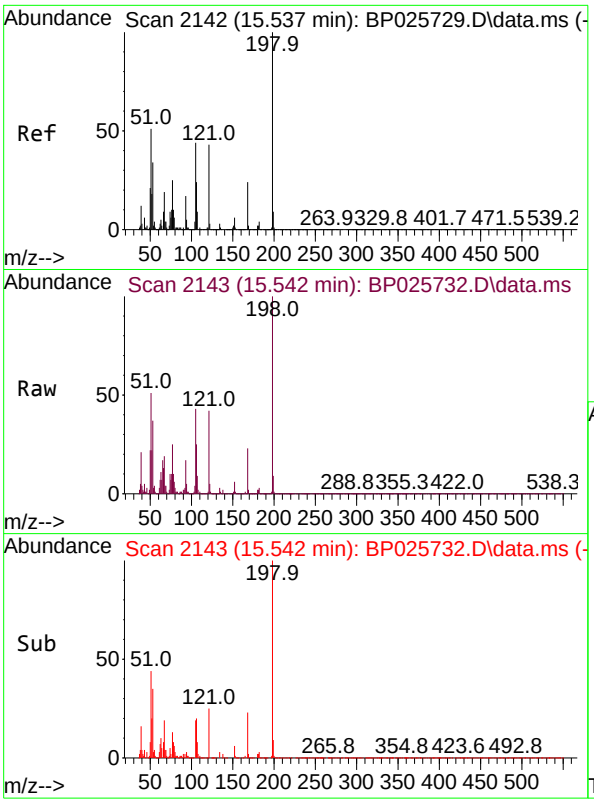


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:188 Resp: 963896

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.0
80	10.4	7.7	11.5



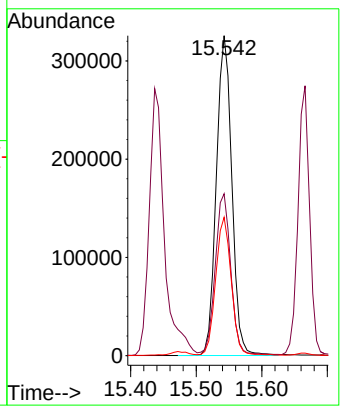


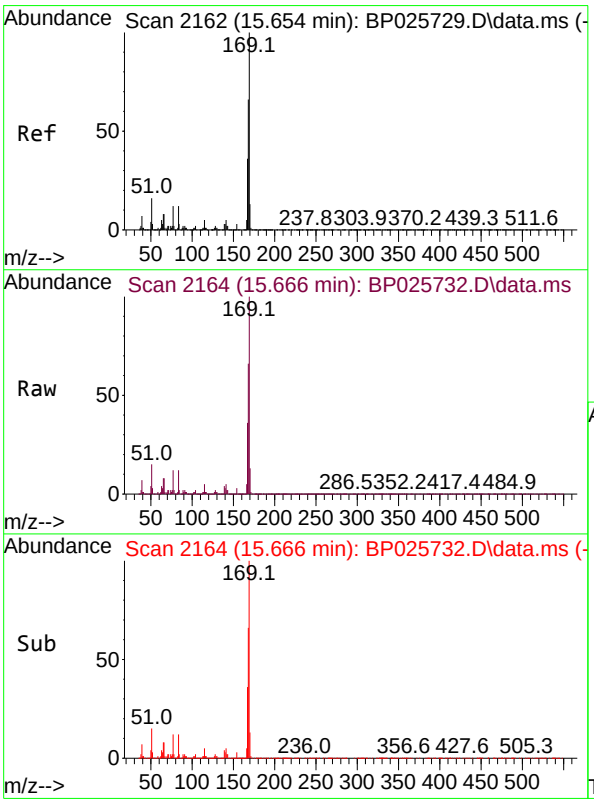
#65
4,6-Dinitro-2-methylphenol
Concen: 83.783 ng
RT: 15.542 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 537070

Ion	Ratio	Lower	Upper
198	100		
51	50.6	33.4	73.4
105	43.2	24.3	64.3

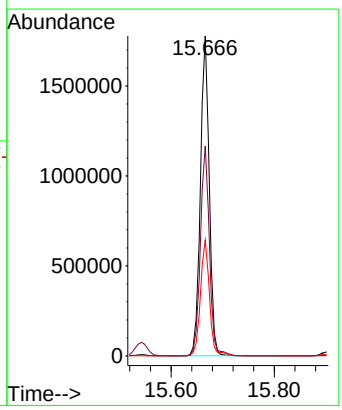


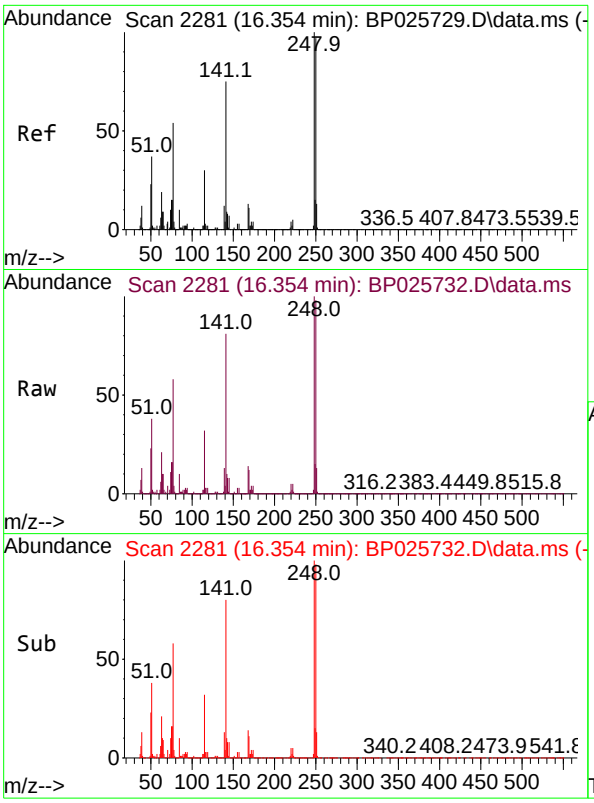


#66
n-Nitrosodiphenylamine
Concen: 71.530 ng
RT: 15.666 min Scan# 2164
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:169 Resp: 2109969

Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.6	78.8
167	36.2	28.5	42.7



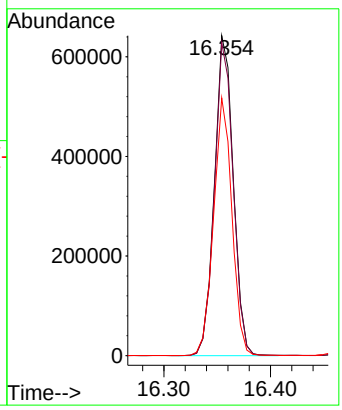


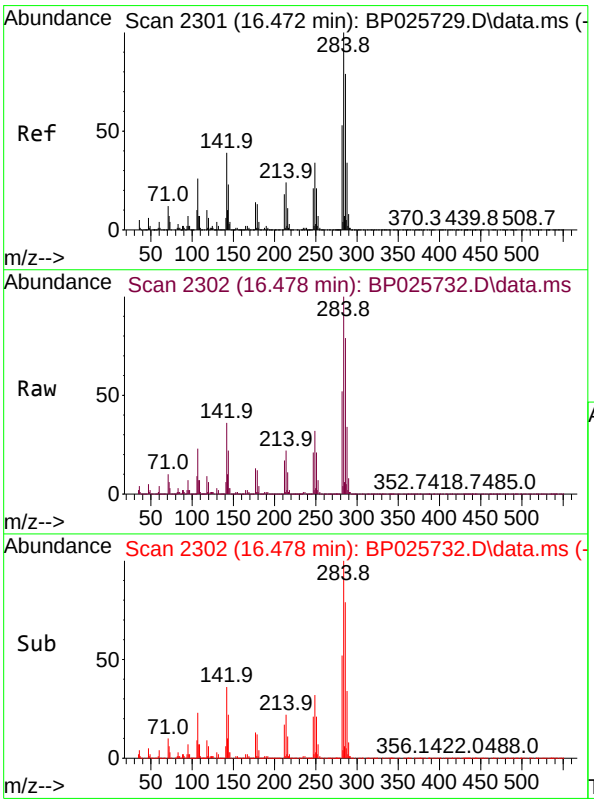
#67
4-Bromophenyl-phenylether
Concen: 74.816 ng
RT: 16.354 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 792238

Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.5	116.3
141	80.5	60.2	90.4

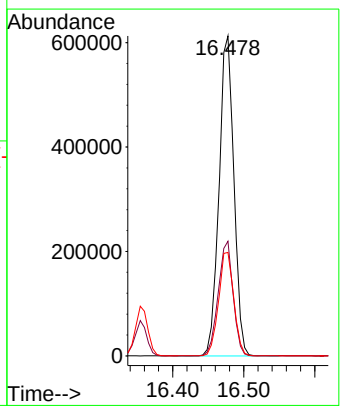


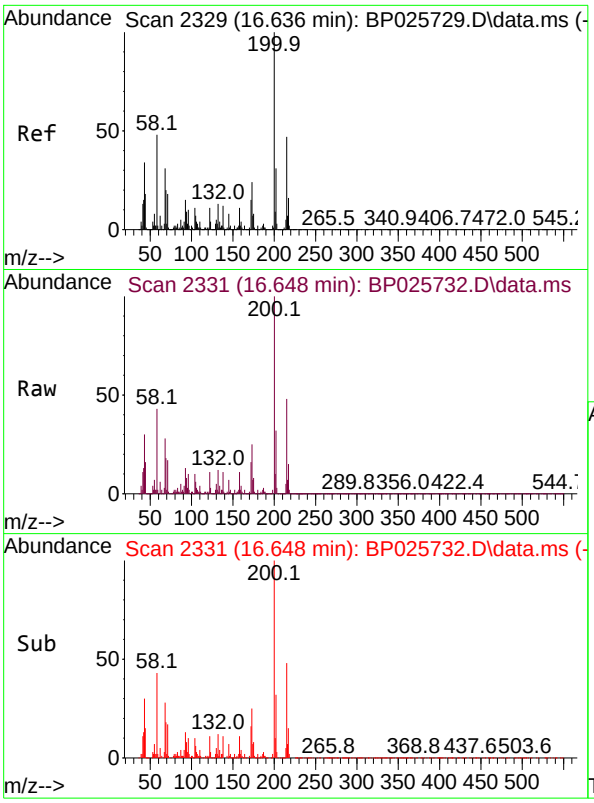


#68
Hexachlorobenzene
Concen: 75.546 ng
RT: 16.478 min Scan# 2302
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:284 Resp: 892102

Ion	Ratio	Lower	Upper
284	100		
142	35.8	31.3	46.9
249	32.3	27.3	40.9



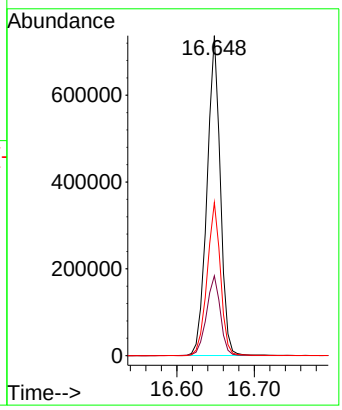


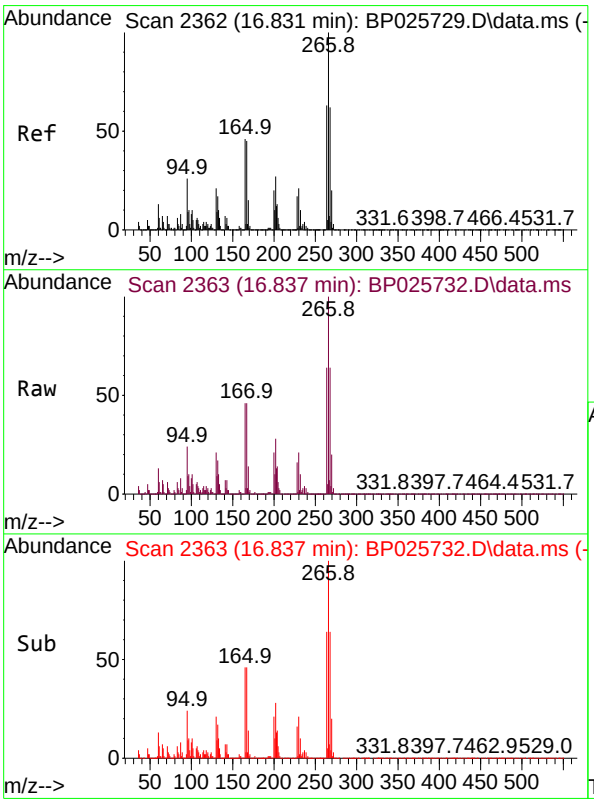
#69
Atrazine
Concen: 77.763 ng
RT: 16.648 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 876809

Ion	Ratio	Lower	Upper
200	100		
173	24.9	4.2	44.2
215	47.8	27.3	67.3

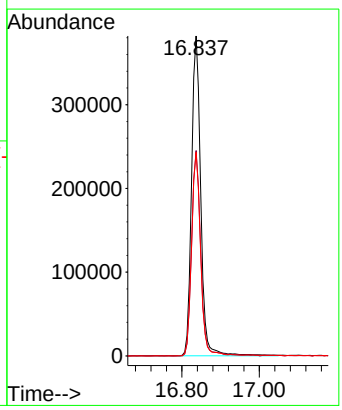


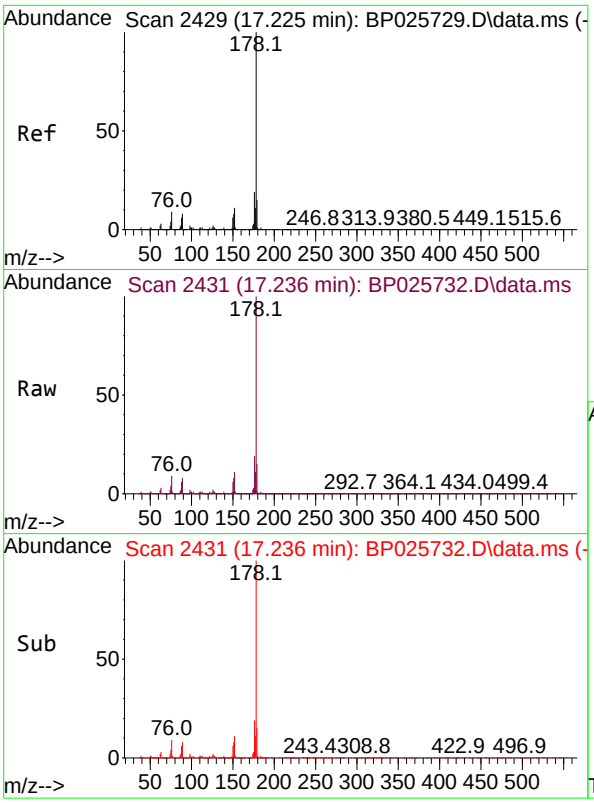


#70
Pentachlorophenol
Concen: 80.808 ng
RT: 16.837 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:266 Resp: 629802

Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.8	74.8
264	63.6	50.2	75.2



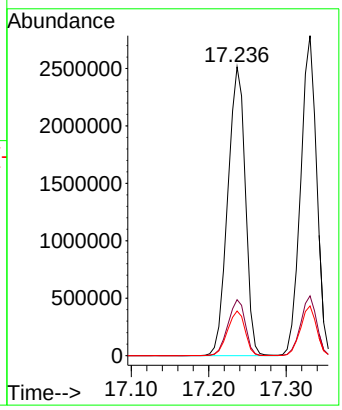


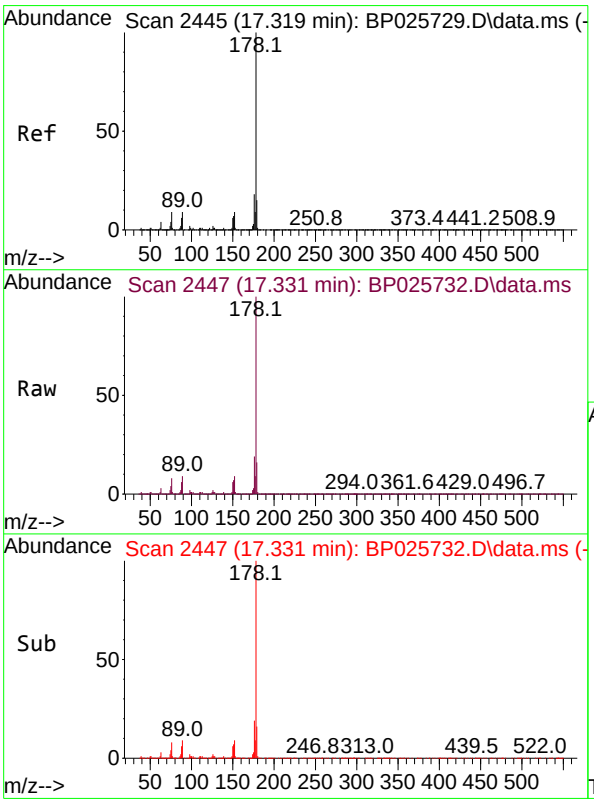
#71
Phenanthrene
Concen: 72.431 ng
RT: 17.236 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 3960390

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.2	18.4

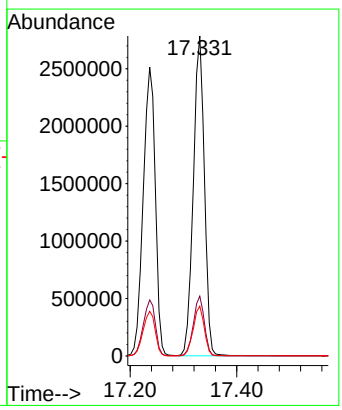


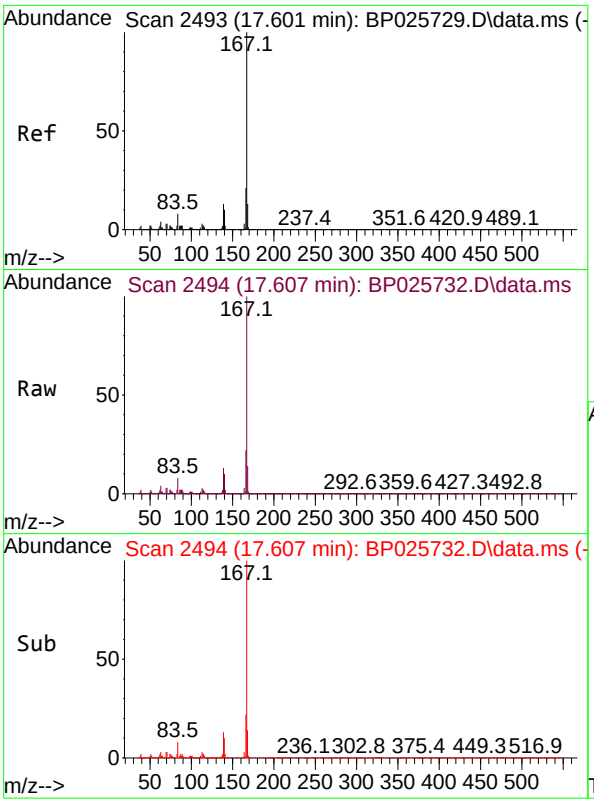


#72
Anthracene
Concen: 72.588 ng
RT: 17.331 min Scan# 2447
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:178 Resp: 4027019

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.5	12.2	18.4



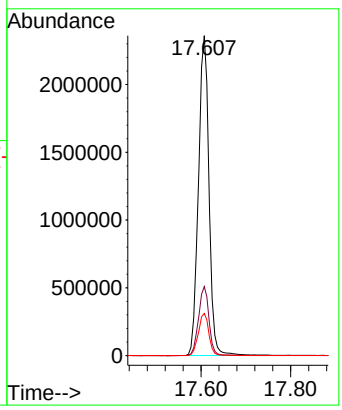


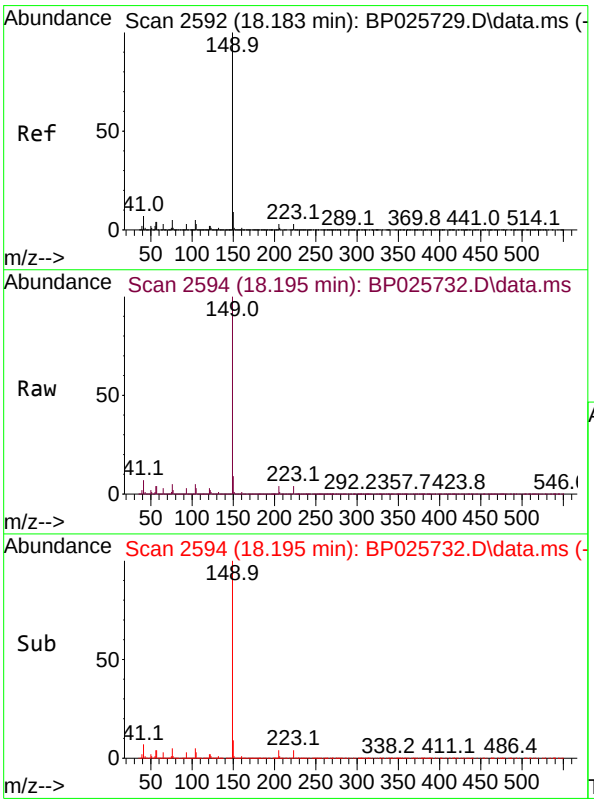
#73
Carbazole
Concen: 74.694 ng
RT: 17.607 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 3852545

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.4
139	13.2	10.6	16.0

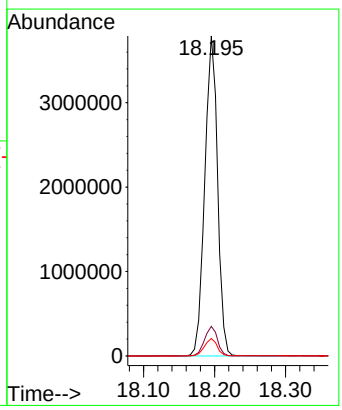


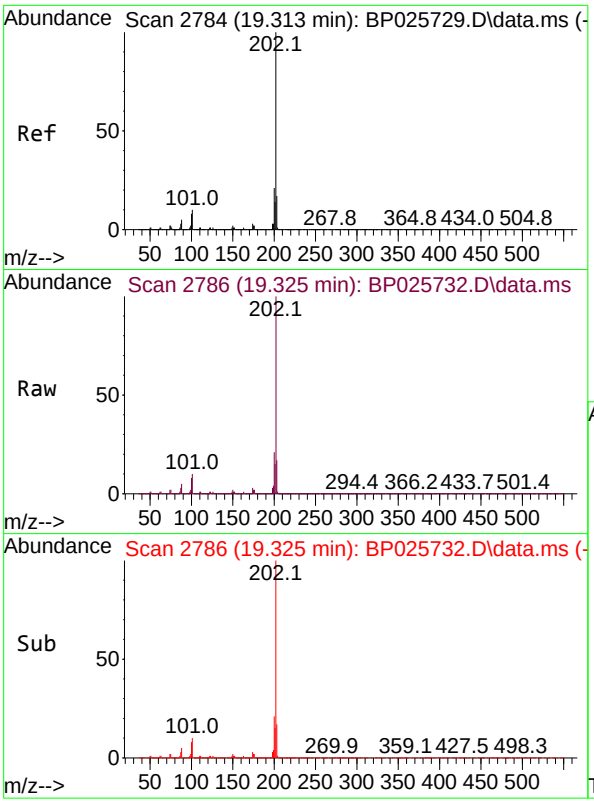


#74
Di-n-butylphthalate
Concen: 74.340 ng
RT: 18.195 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:149 Resp: 4705330

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.4	4.3	6.5



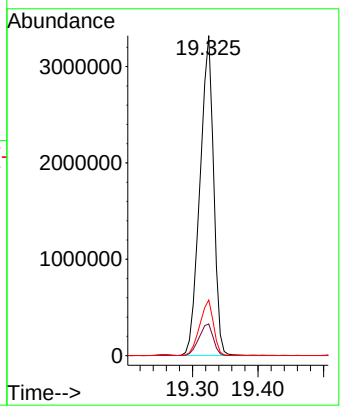


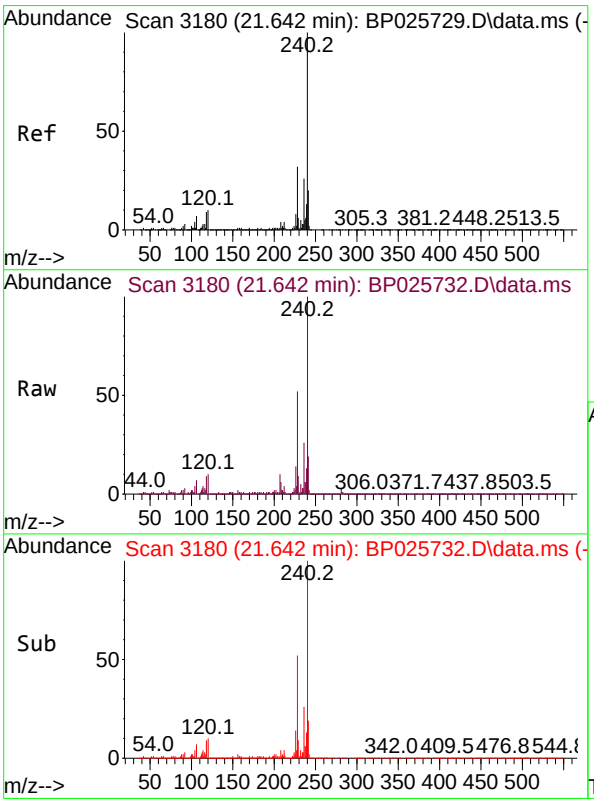
#75
Fluoranthene
Concen: 72.998 ng
RT: 19.325 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 4786922

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.4
203	17.4	0.0	37.4

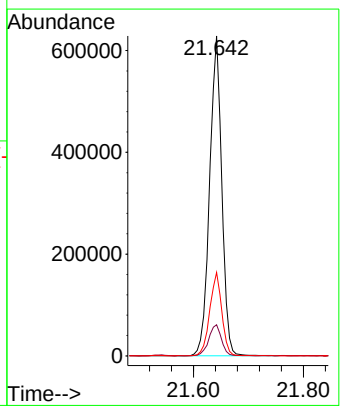


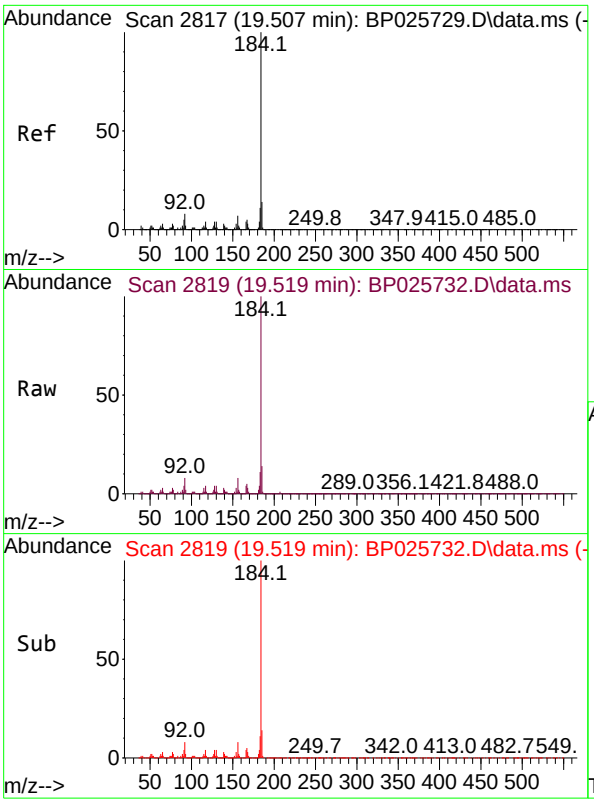


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:240 Resp: 964091

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.0	12.0
236	26.1	20.7	31.1



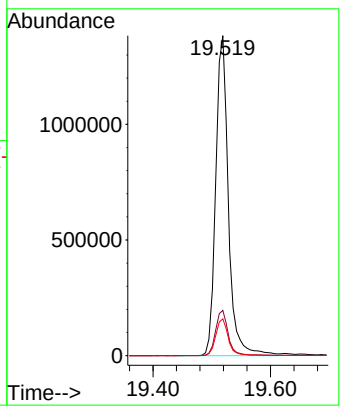


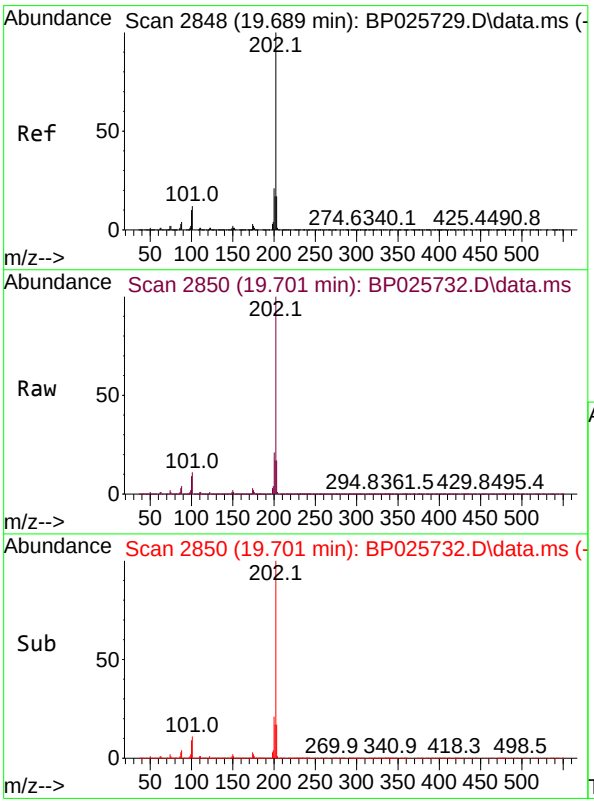
#77
Benzidine
Concen: 74.384 ng
RT: 19.519 min Scan# 28
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 2065703

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.5	9.2	13.8

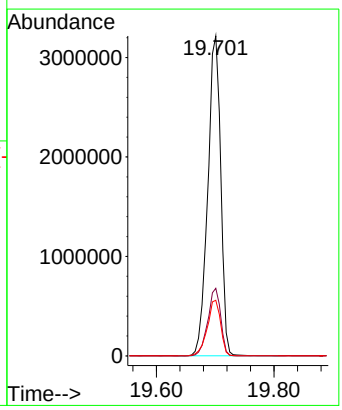


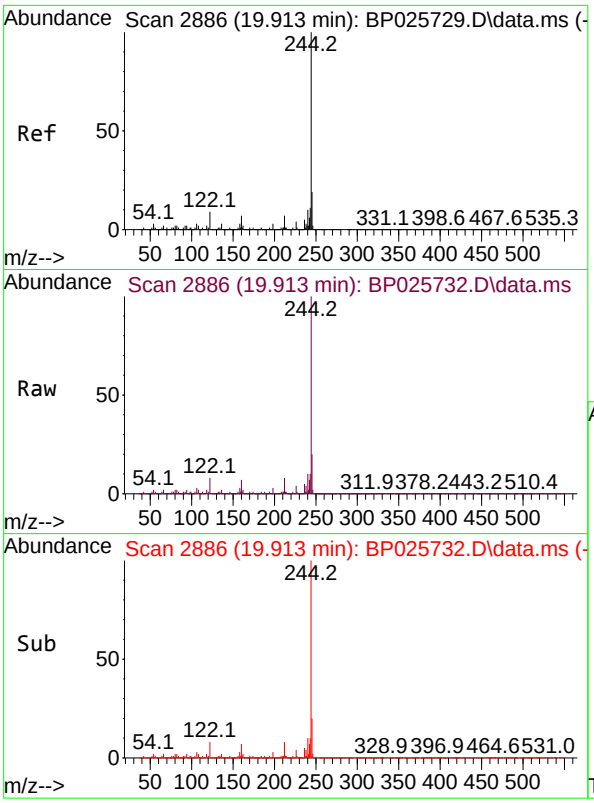


#78
Pyrene
Concen: 76.353 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:202 Resp: 4911699

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	17.4	13.9	20.9



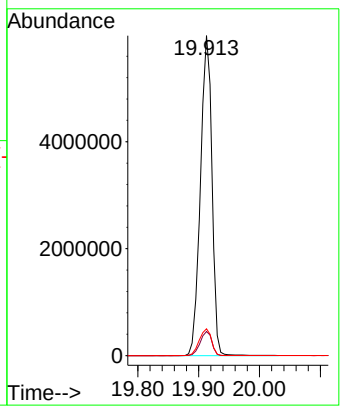


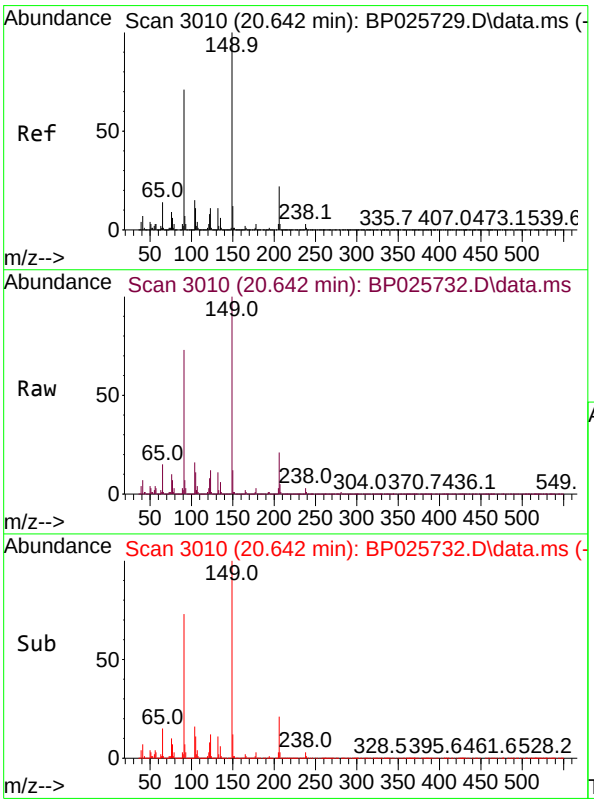
#79
Terphenyl-d14
Concen: 146.328 ng
RT: 19.913 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp: 7841805

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	8.4	7.1	10.7

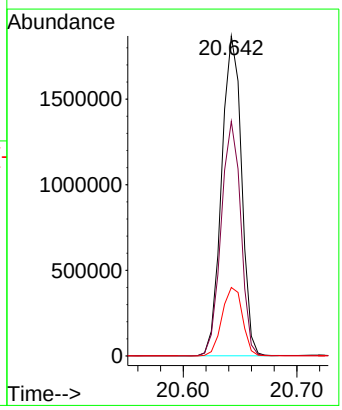


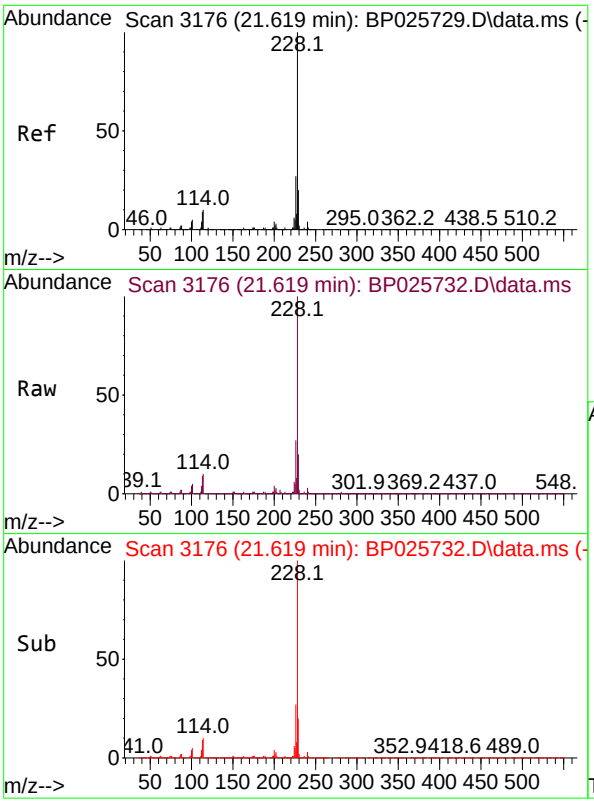


#80
Butylbenzylphthalate
Concen: 80.443 ng
RT: 20.642 min Scan# 3010
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:149 Resp: 2268963

Ion	Ratio	Lower	Upper
149	100		
91	73.3	56.6	85.0
206	21.4	17.4	26.0



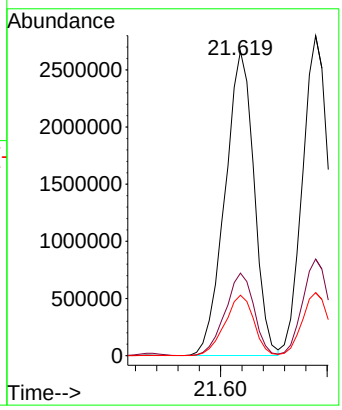


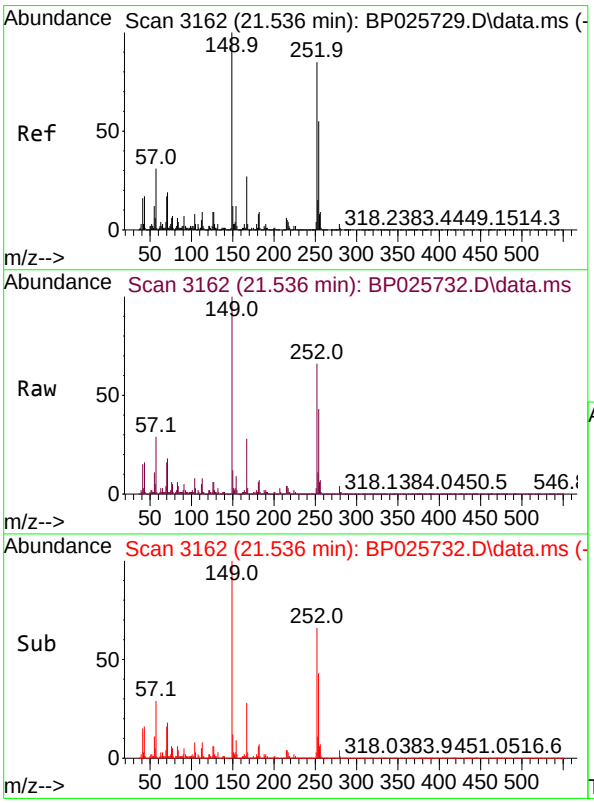
#81
Benzo(a)anthracene
Concen: 76.229 ng
RT: 21.619 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 5031313

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.6	32.4
229	19.9	15.7	23.5

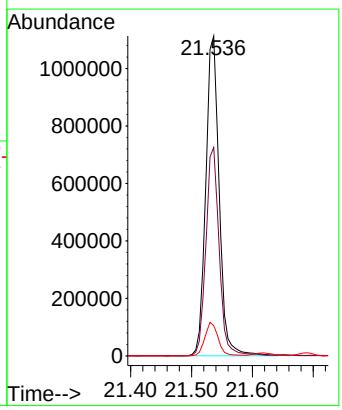


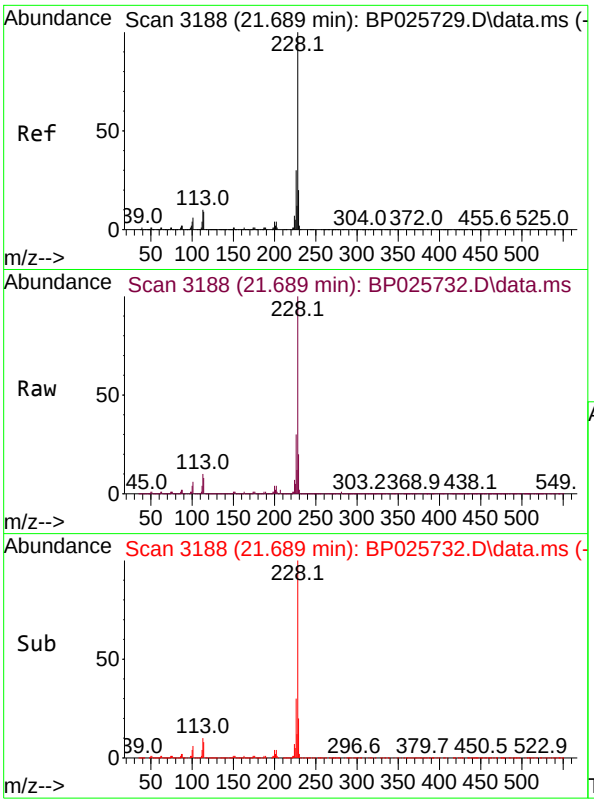


#82
3,3'-Dichlorobenzidine
Concen: 74.725 ng
RT: 21.536 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:252 Resp: 1705366

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.4	77.0
126	9.5	8.3	12.5



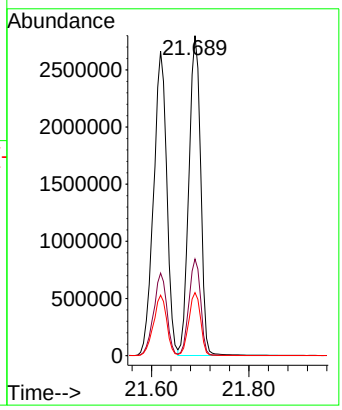


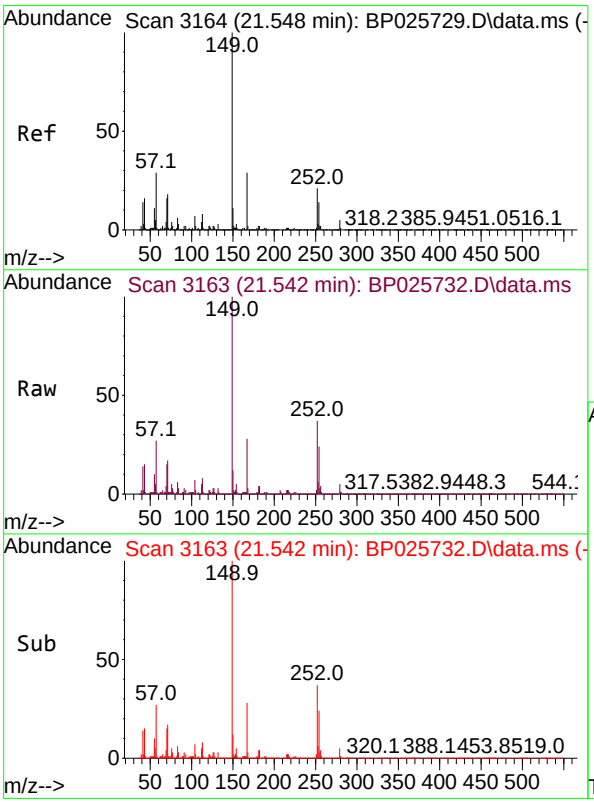
#83
Chrysene
Concen: 74.190 ng
RT: 21.689 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 4667905

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	19.7	15.6	23.4

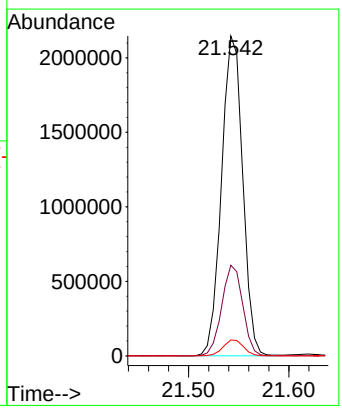


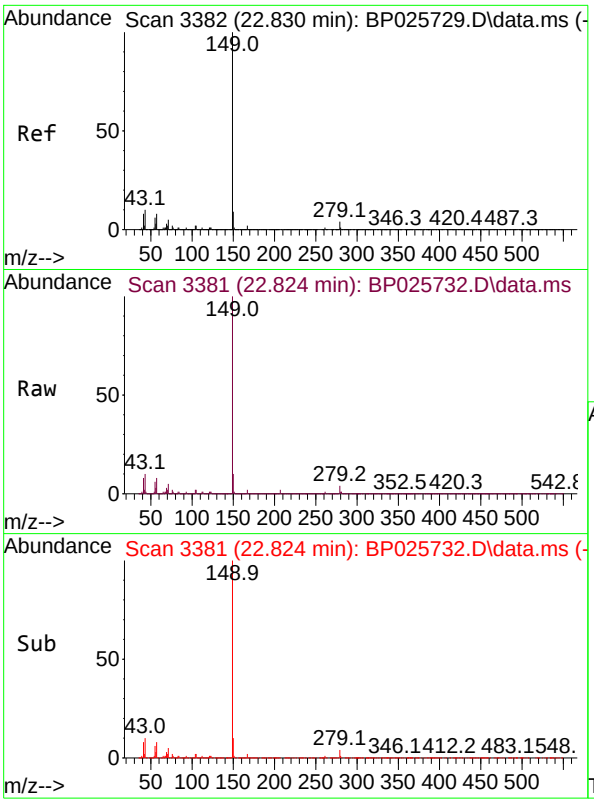


#84
Bis(2-ethylhexyl)phthalate
Concen: 76.431 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:149 Resp: 3154011

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.9	34.3
279	5.0	3.8	5.8



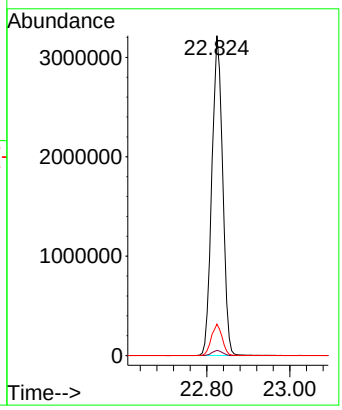


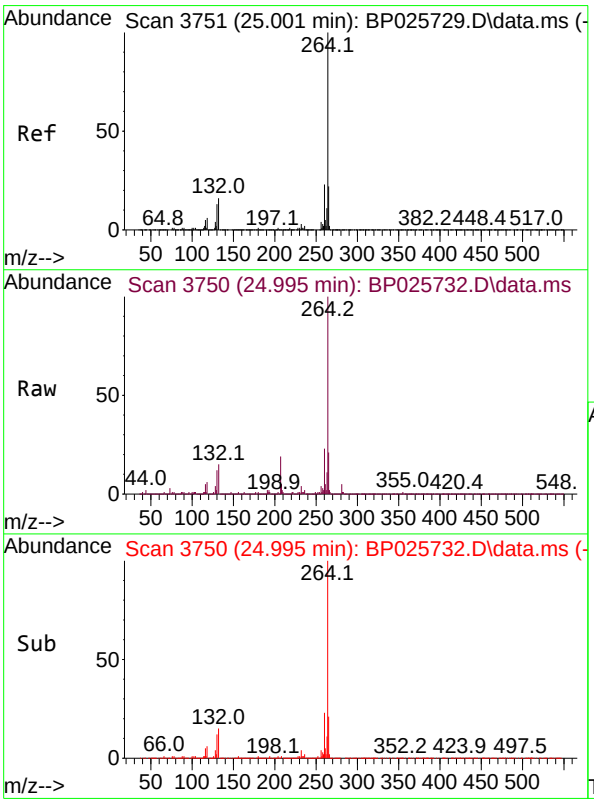
#85
Di-n-octyl phthalate
Concen: 79.012 ng
RT: 22.824 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 5799888

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.8	8.0	12.0

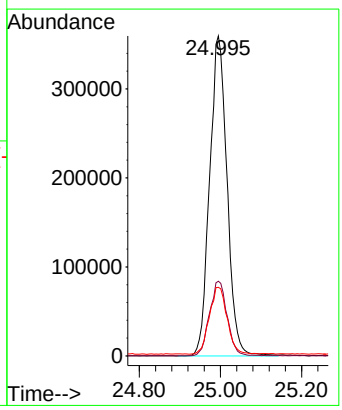


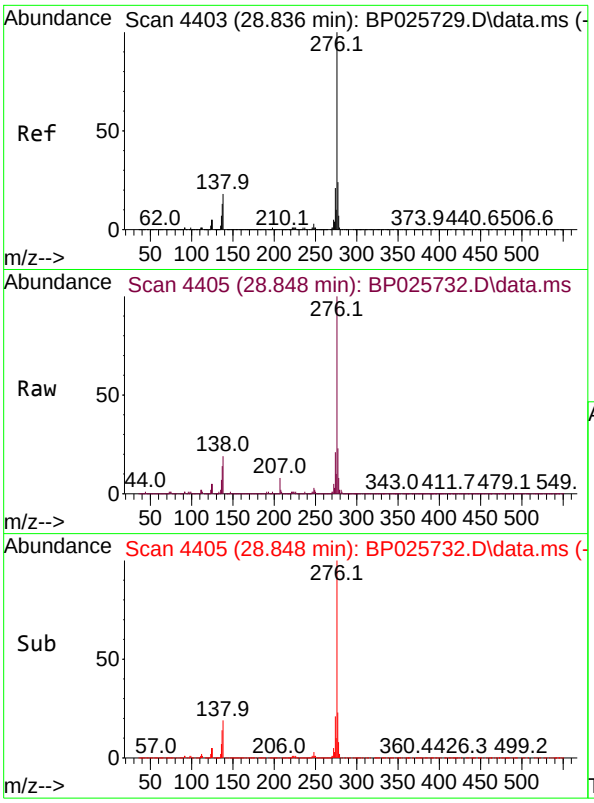


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:264 Resp: 1072676

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.4	17.3	25.9



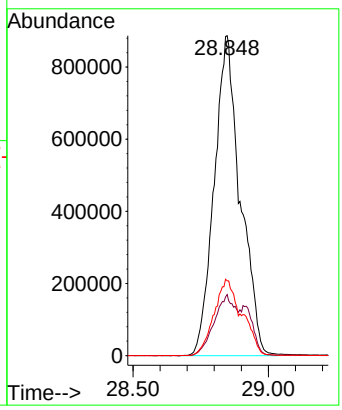


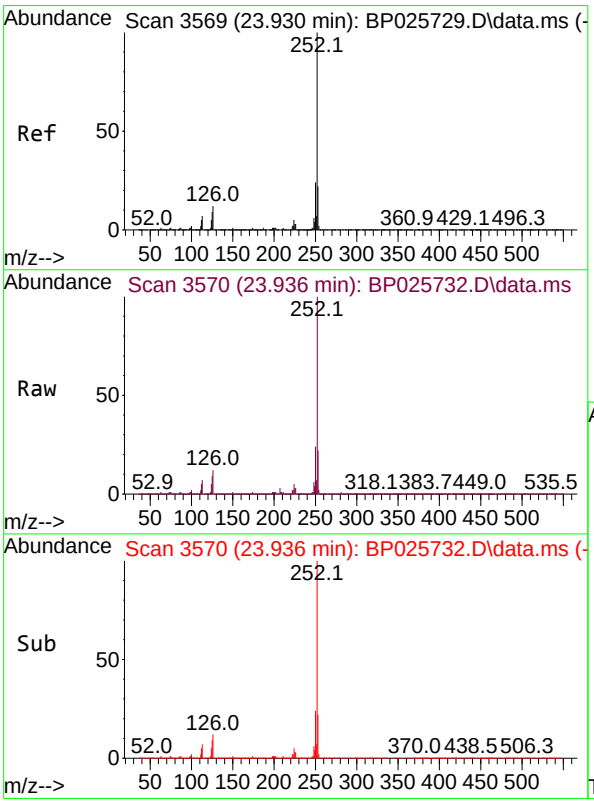
#87
Indeno(1,2,3-cd)pyrene
Concen: 76.261 ng
RT: 28.848 min Scan# 44
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 5948880

Ion	Ratio	Lower	Upper
276	100		
138	15.6	13.4	20.2
277	25.4	9.1	13.7#

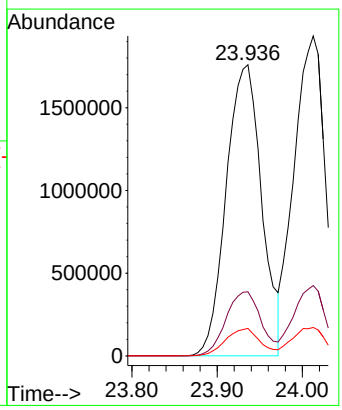


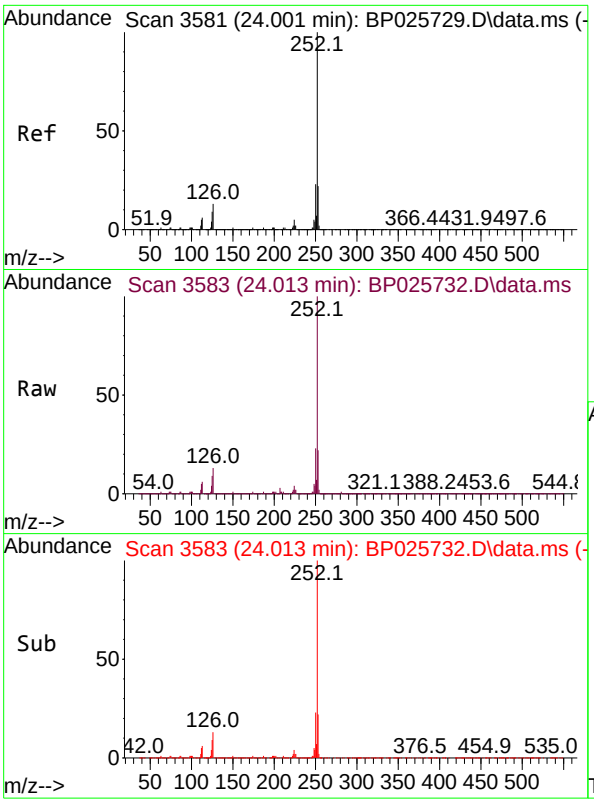


#88
Benzo(b)fluoranthene
Concen: 77.570 ng
RT: 23.936 min Scan# 3570
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:252 Resp: 5088293

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	9.5	7.3	10.9



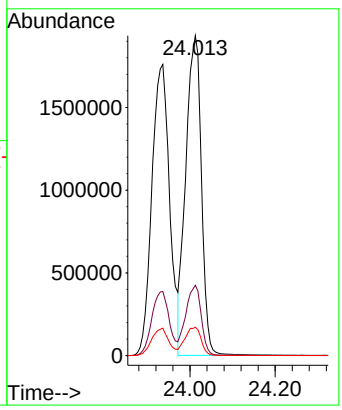


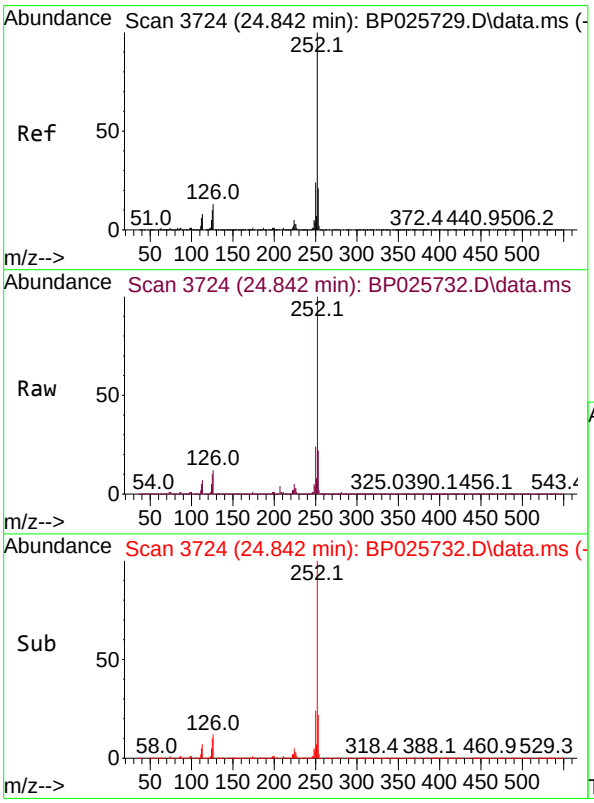
#89
Benzo(k)fluoranthene
Concen: 73.783 ng
RT: 24.013 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 4938760

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	8.9	7.5	11.3

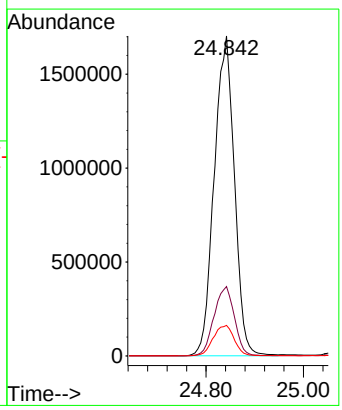


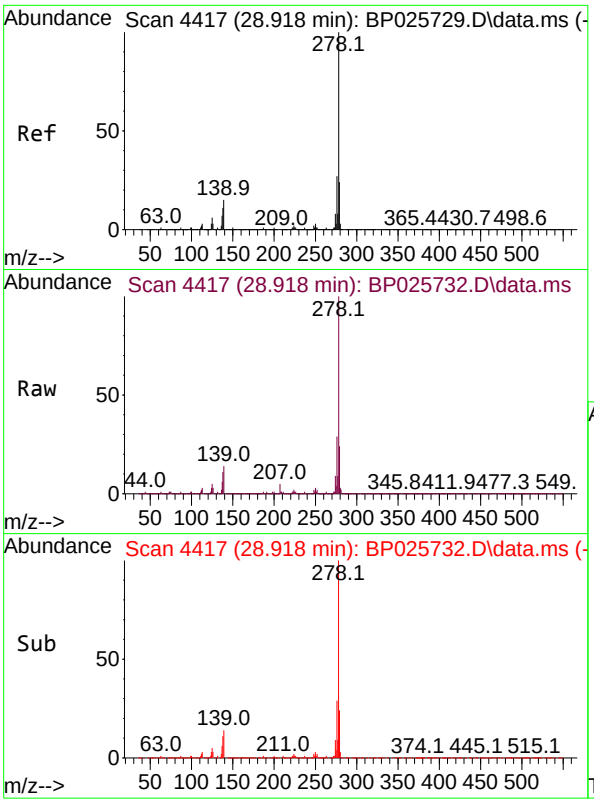


#90
Benzo(a)pyrene
Concen: 76.231 ng
RT: 24.842 min Scan# 3724
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:252 Resp: 4896947

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.5	8.3	12.5



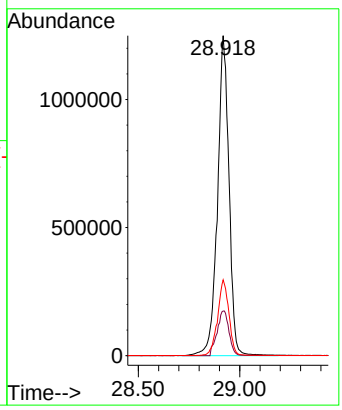


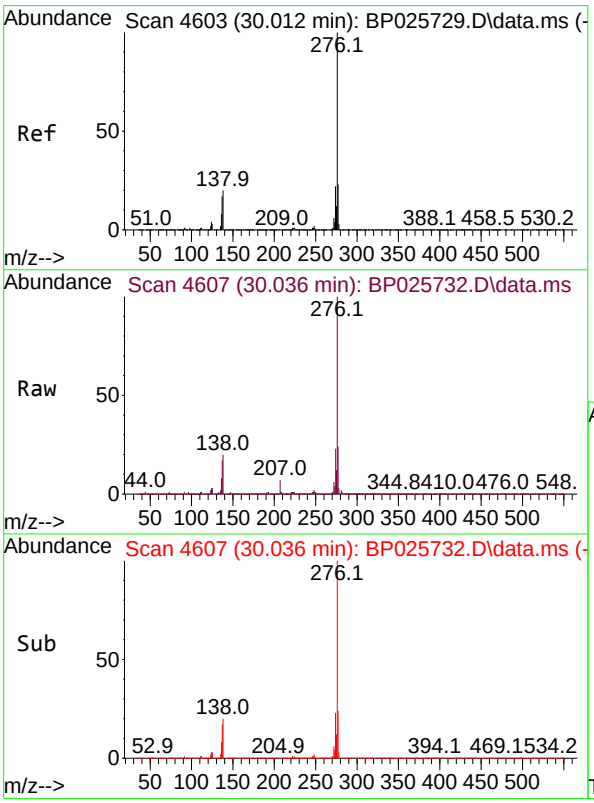
#91
Dibenzo(a,h)anthracene
Concen: 76.817 ng
RT: 28.918 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 4903653

Ion	Ratio	Lower	Upper
278	100		
139	13.9	12.1	18.1
279	23.7	19.6	29.4

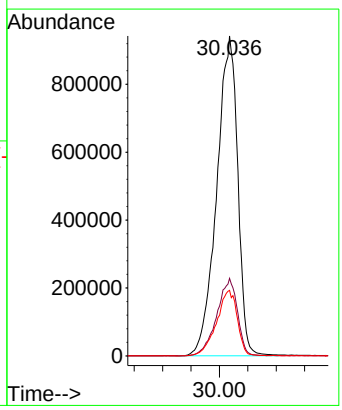




#92
Benzo(g,h,i)perylene
Concen: 76.886 ng
RT: 30.036 min Scan# 4607
Delta R.T. 0.024 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:276 Resp: 4826771

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.7	28.1
138	20.5	16.0	24.0



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025733.D
Acq On : 11 Sep 2025 15:20
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:27:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.719	152	132227	20.000	ng		-0.04
21) Naphthalene-d8	10.507	136	558379	20.000	ng		-0.02
39) Acenaphthene-d10	14.372	164	384529	20.000	ng		0.00
64) Phenanthrene-d10	17.178	188	764105	20.000	ng		0.00
76) Chrysene-d12	21.636	240	796095	20.000	ng		0.00
86) Perylene-d12	24.995	264	864239	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.343	112	847611	103.433	ng		-0.04
7) Phenol-d6	6.913	99	1140979	104.750	ng		-0.04
23) Nitrobenzene-d5	8.878	82	1303272	102.956	ng		-0.02
42) 2,4,6-Tribromophenol	15.895	330	480931	100.273	ng		-0.01
45) 2-Fluorobiphenyl	12.984	172	2843494	98.461	ng		0.00
79) Terphenyl-d14	19.907	244	4423580	99.962	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	169936	49.409	ng		99
3) Pyridine	3.684	79	483875	51.092	ng		98
4) n-Nitrosodimethylamine	3.590	42	224792	50.302	ng		100
6) Aniline	7.060	93	784152	52.443	ng		99
8) 2-Chlorophenol	7.296	128	466182	51.856	ng		100
9) Benzaldehyde	6.878	77	398852m	61.160	ng		
10) Phenol	6.937	94	601415	52.364	ng		98
11) bis(2-Chloroethyl)ether	7.155	93	475247	51.503	ng		97
12) 1,3-Dichlorobenzene	7.613	146	511619	50.003	ng		97
13) 1,4-Dichlorobenzene	7.760	146	525685	50.438	ng		100
14) 1,2-Dichlorobenzene	8.072	146	509835	50.354	ng		99
15) Benzyl Alcohol	7.960	79	466422	51.821	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.249	45	757264	50.182	ng		99
17) 2-Methylphenol	8.172	107	406974	52.557	ng		99
18) Hexachloroethane	8.796	117	201387	50.587	ng		96
19) n-Nitroso-di-n-propyla...	8.525	70	406549	54.152	ng		99
20) 3+4-Methylphenols	8.502	107	559714	51.612	ng		99
22) Acetophenone	8.543	105	767098	51.407	ng	#	98
24) Nitrobenzene	8.919	77	583136	51.351	ng		98
25) Isophorone	9.443	82	1138308	51.161	ng		100
26) 2-Nitrophenol	9.625	139	269275	53.408	ng		98
27) 2,4-Dimethylphenol	9.690	122	456881	51.654	ng		98
28) bis(2-Chloroethoxy)met...	9.919	93	661544	51.437	ng		99
29) 2,4-Dichlorophenol	10.160	162	470034	53.298	ng		99
30) 1,2,4-Trichlorobenzene	10.366	180	498270	50.132	ng		99
31) Naphthalene	10.560	128	1513087	50.255	ng		100
32) Benzoic acid	9.866	122	353386	53.738	ng		99
33) 4-Chloroaniline	10.672	127	666499	53.111	ng		99
34) Hexachlorobutadiene	10.837	225	316676	49.495	ng		99
35) Caprolactam	11.466	113	172043	50.713	ng		99
36) 4-Chloro-3-methylphenol	11.801	107	549567	52.269	ng		96
37) 2-Methylnaphthalene	12.172	142	974364	50.386	ng		99
38) 1-Methylnaphthalene	12.390	142	1019849	49.456	ng		98
40) 1,2,4,5-Tetrachloroben...	12.543	216	583660	50.090	ng		100
41) Hexachlorocyclopentadiene	12.525	237	337711	53.214	ng		99
43) 2,4,6-Trichlorophenol	12.790	196	393647	51.389	ng		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025733.D
Acq On : 11 Sep 2025 15:20
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:27:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.866	196	441307	51.765	ng		98
46) 1,1'-Biphenyl	13.190	154	1408553	49.905	ng		99
47) 2-Chloronaphthalene	13.237	162	1118909	50.347	ng		99
48) 2-Nitroaniline	13.448	65	383740	51.799	ng		94
49) Acenaphthylene	14.095	152	1830164	49.702	ng		100
50) Dimethylphthalate	13.831	163	1435428	48.895	ng		100
51) 2,6-Dinitrotoluene	13.948	165	316613	50.904	ng		98
52) Acenaphthene	14.442	154	1042525	49.094	ng		99
53) 3-Nitroaniline	14.284	138	343785	52.561	ng		96
54) 2,4-Dinitrophenol	14.507	184	193294	49.740	ng		96
55) Dibenzofuran	14.784	168	1697428	49.045	ng		98
56) 4-Nitrophenol	14.613	139	261984	48.388	ng		99
57) 2,4-Dinitrotoluene	14.748	165	465265	52.562	ng		95
58) Fluorene	15.436	166	1331644	48.387	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.013	232	388785	50.625	ng		100
60) Diethylphthalate	15.219	149	1459705	49.018	ng		99
61) 4-Chlorophenyl-phenyle...	15.436	204	676706	48.790	ng		99
62) 4-Nitroaniline	15.472	138	358915	53.605	ng		99
63) Azobenzene	15.731	77	1452024	50.428	ng		99
65) 4,6-Dinitro-2-methylph...	15.531	198	272418	53.609	ng		98
66) n-Nitrosodiphenylamine	15.654	169	1199673	51.304	ng		100
67) 4-Bromophenyl-phenylether	16.354	248	431960	51.458	ng		99
68) Hexachlorobenzene	16.472	284	474297	50.667	ng		96
69) Atrazine	16.636	200	458144	51.256	ng		97
70) Pentachlorophenol	16.825	266	318100	51.487	ng		98
71) Phenanthrene	17.219	178	2161060	49.858	ng		100
72) Anthracene	17.325	178	2260277	51.395	ng		100
73) Carbazole	17.595	167	2110925	51.629	ng		100
74) Di-n-butylphthalate	18.189	149	2558689	50.995	ng		100
75) Fluoranthene	19.313	202	2580366	49.638	ng		100
77) Benzidine	19.513	184	1255790	54.762	ng		100
78) Pyrene	19.695	202	2660397	50.083	ng		99
80) Butylbenzylphthalate	20.636	149	1209410	51.926	ng		100
81) Benzo(a)anthracene	21.613	228	2742275	50.315	ng		99
82) 3,3'-Dichlorobenzidine	21.536	252	971634	51.559	ng		99
83) Chrysene	21.683	228	2620241	50.434	ng		100
84) Bis(2-ethylhexyl)phtha...	21.542	149	1714419	50.312	ng		99
85) Di-n-octyl phthalate	22.824	149	3047268	50.273	ng		100
87) Indeno(1,2,3-cd)pyrene	28.836	276	3254187	51.778	ng	#	85
88) Benzo(b)fluoranthene	23.942	252	2704281	51.169	ng		99
89) Benzo(k)fluoranthene	24.007	252	2718438	50.407	ng		100
90) Benzo(a)pyrene	24.848	252	2637187	50.954	ng		99
91) Dibenzo(a,h)anthracene	28.900	278	2677885	52.067	ng		98
92) Benzo(g,h,i)perylene	30.024	276	2614577	51.692	ng		98

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

ICAL Form

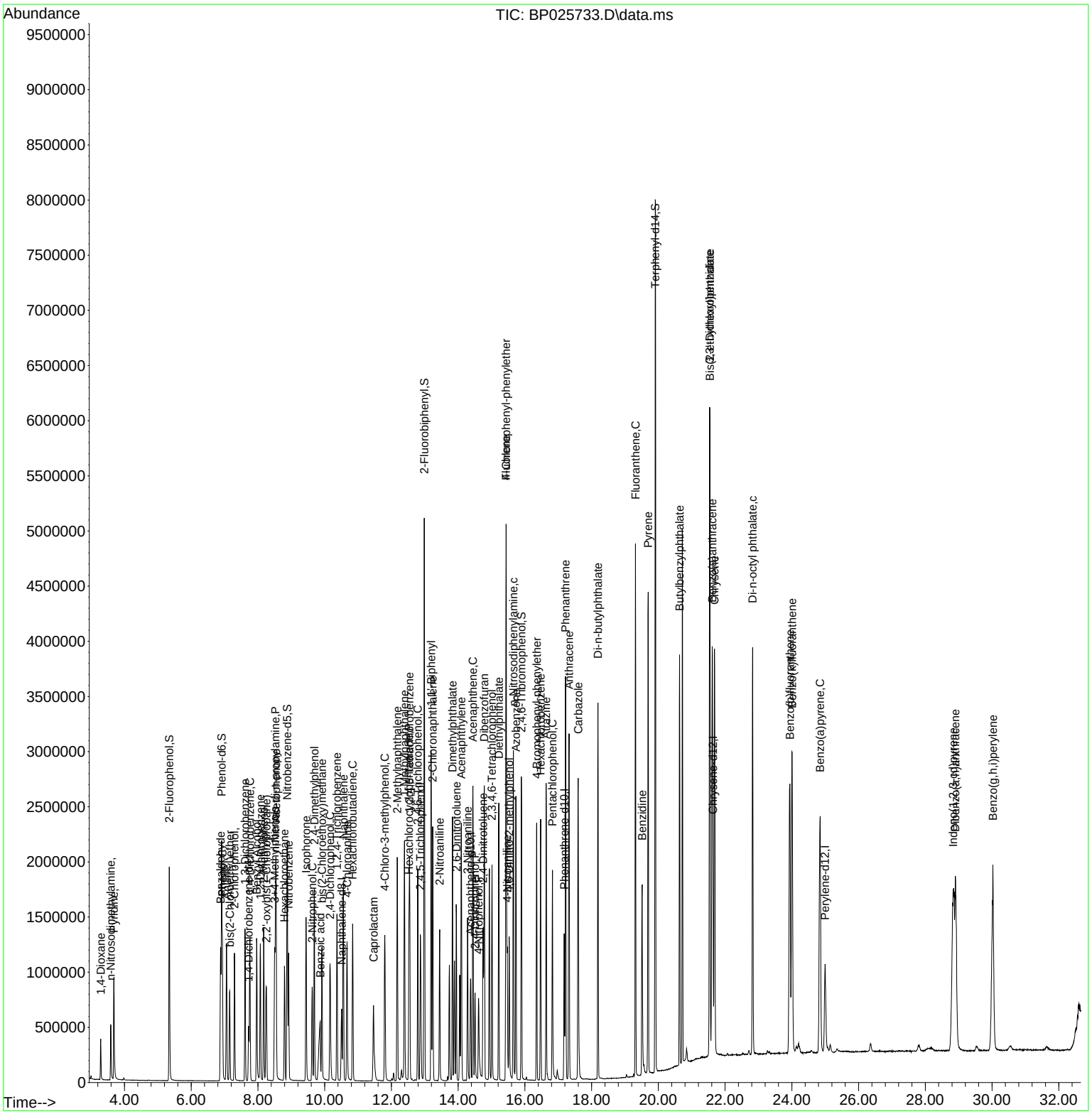
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025733.D
Acq On : 11 Sep 2025 15:20
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

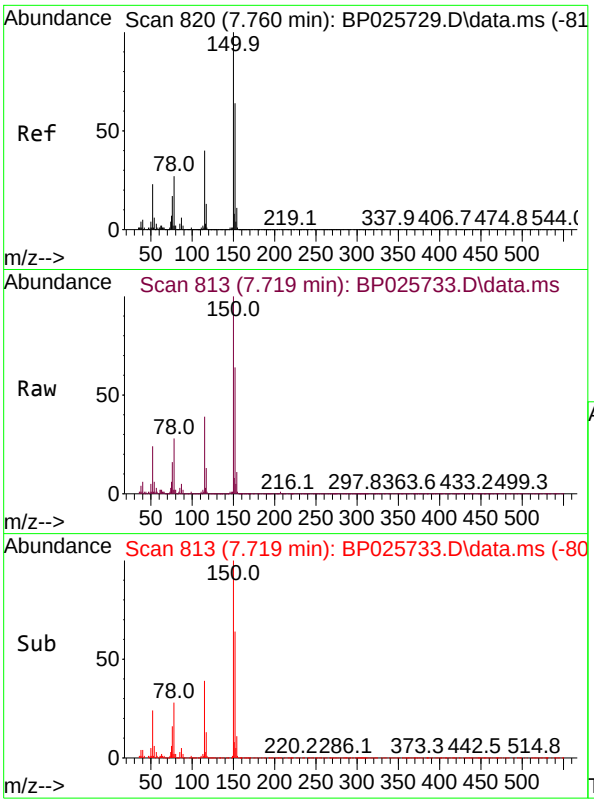
Quant Time: Sep 11 16:27:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

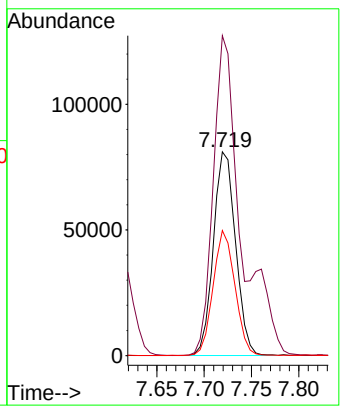




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.719 min Scan# 81
Delta R.T. -0.041 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:152 Resp: 13222

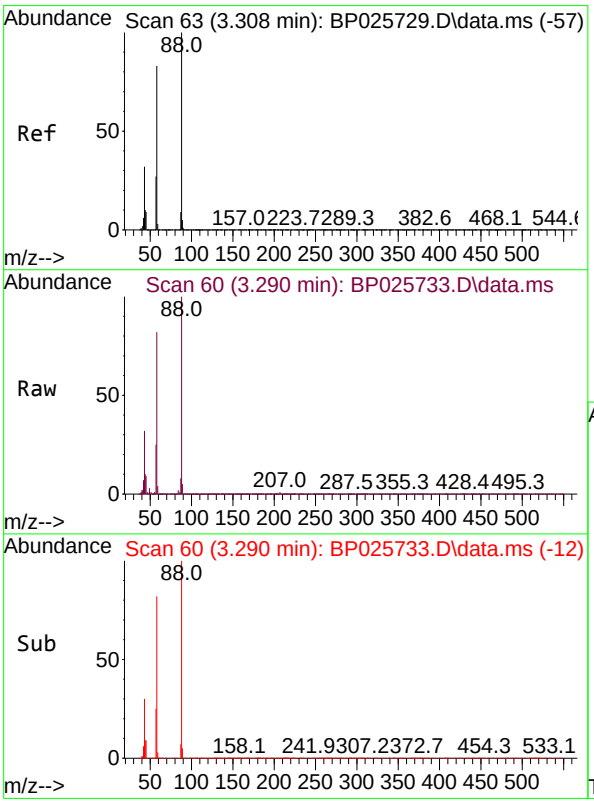
Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.3	186.5
115	61.4	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

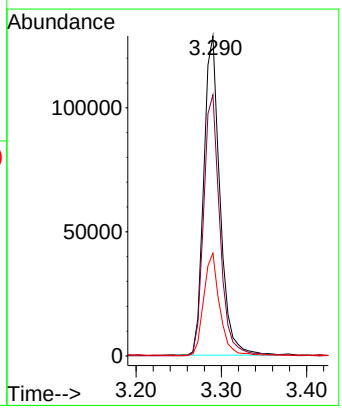
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

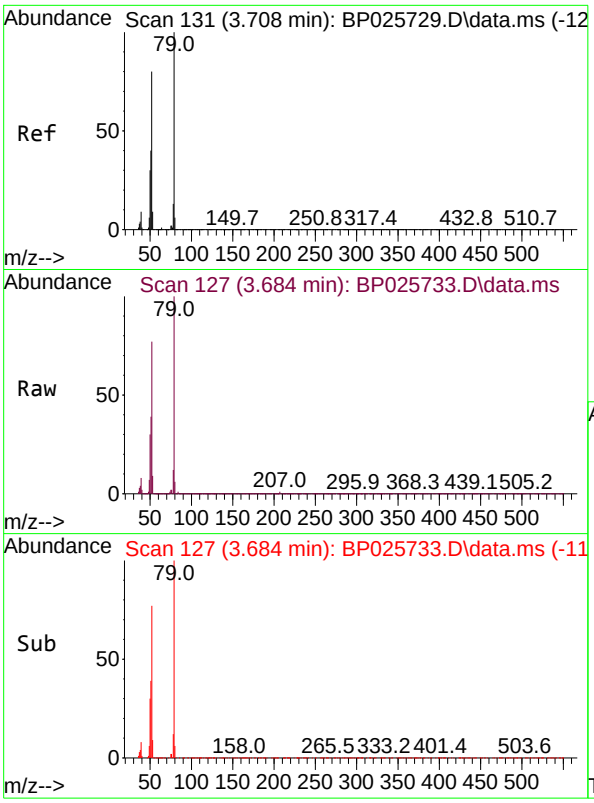


#2
1,4-Dioxane
Concen: 49.409 ng
RT: 3.290 min Scan# 60
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 88 Resp: 169936

Ion	Ratio	Lower	Upper
88	100		
58	82.5	65.5	98.3
43	31.6	25.2	37.8

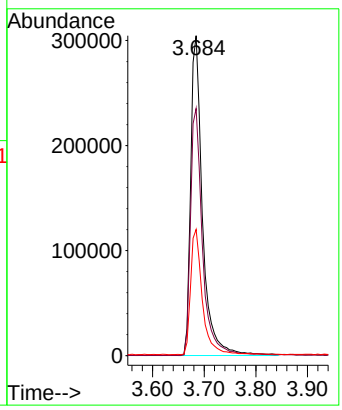




#3
Pyridine
Concen: 51.092 ng
RT: 3.684 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 79 Resp: 48387

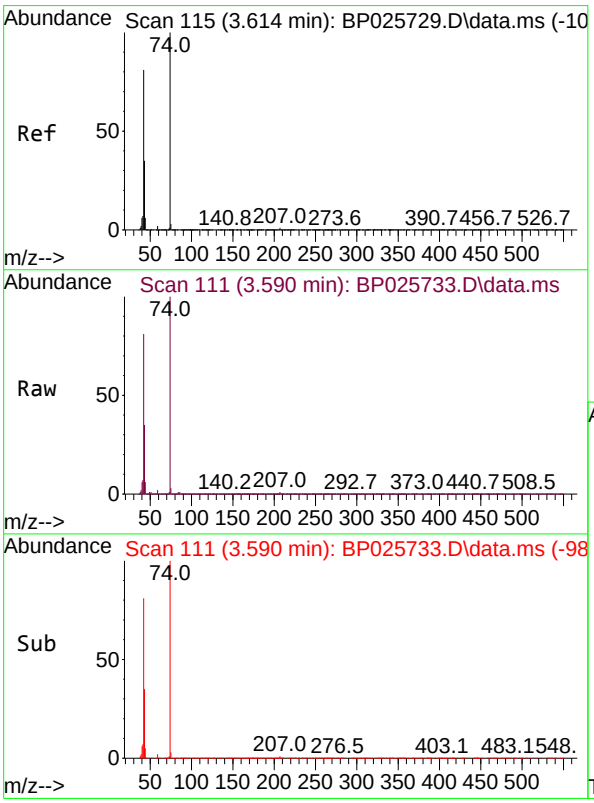
Ion	Ratio	Lower	Upper
79	100		
52	77.2	63.7	95.5
51	39.4	32.4	48.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

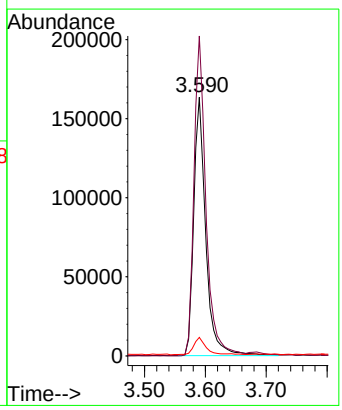
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

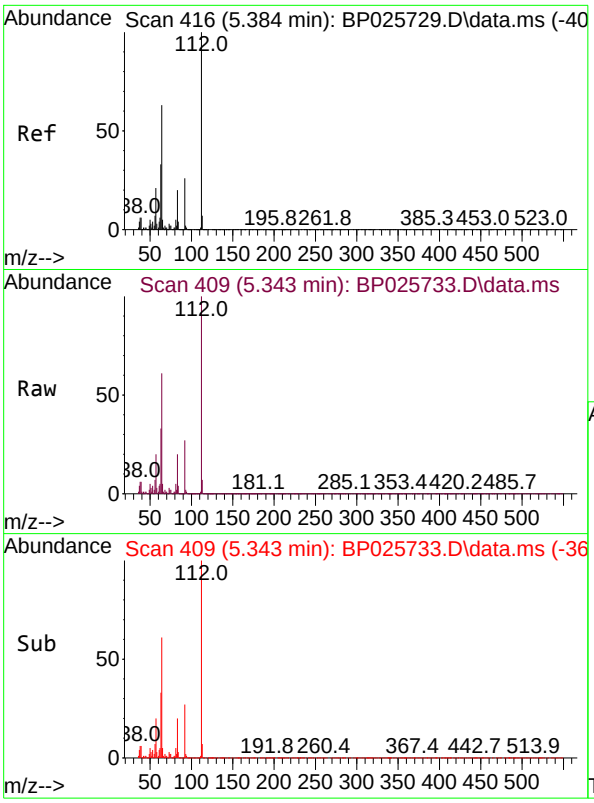


#4
n-Nitrosodimethylamine
Concen: 50.302 ng
RT: 3.590 min Scan# 111
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 42 Resp: 224792

Ion	Ratio	Lower	Upper
42	100		
74	123.8	99.2	148.8
44	7.1	6.4	9.6

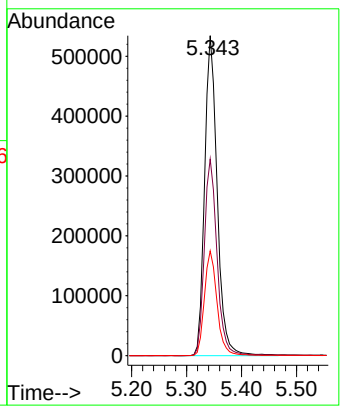




#5
2-Fluorophenol
Concen: 103.433 ng
RT: 5.343 min Scan# 40
Delta R.T. -0.041 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:112 Resp: 84761

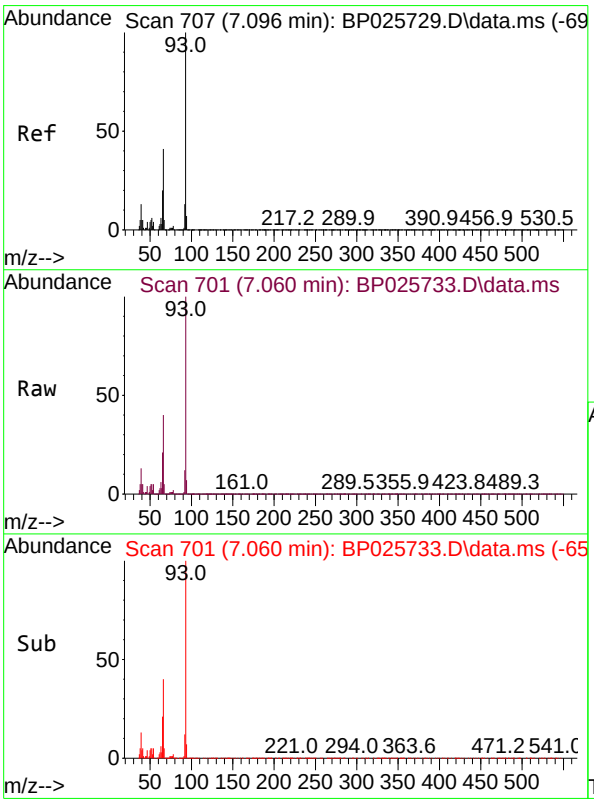
Ion	Ratio	Lower	Upper
112	100		
64	61.4	50.2	75.4
63	32.7	26.7	40.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

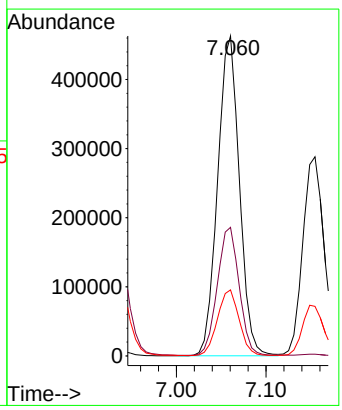
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

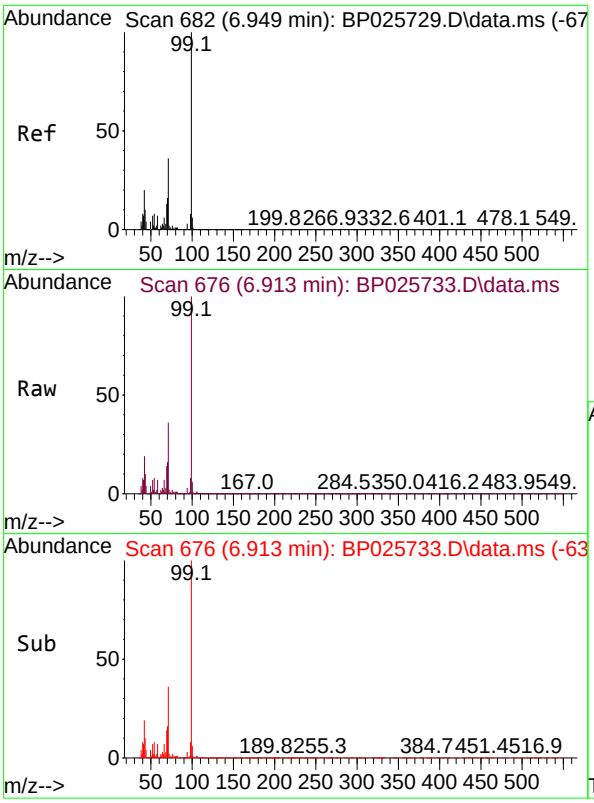


#6
Aniline
Concen: 52.443 ng
RT: 7.060 min Scan# 701
Delta R.T. -0.035 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 93 Resp: 784152

Ion	Ratio	Lower	Upper
93	100		
66	40.2	32.6	49.0
65	20.7	16.2	24.2

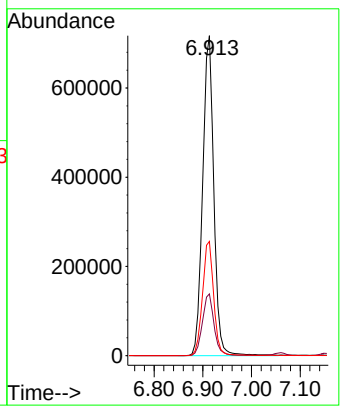




#7
Phenol-d6
Concen: 104.750 ng
RT: 6.913 min Scan# 6
Delta R.T. -0.035 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 99 Resp: 1140979

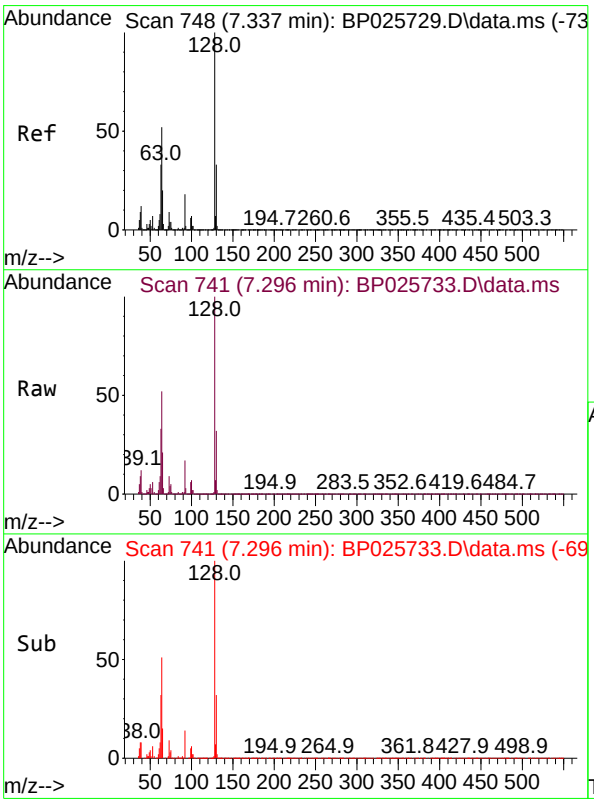
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.6	23.4
71	35.7	28.6	43.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

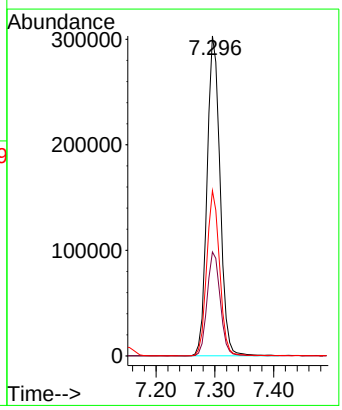
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

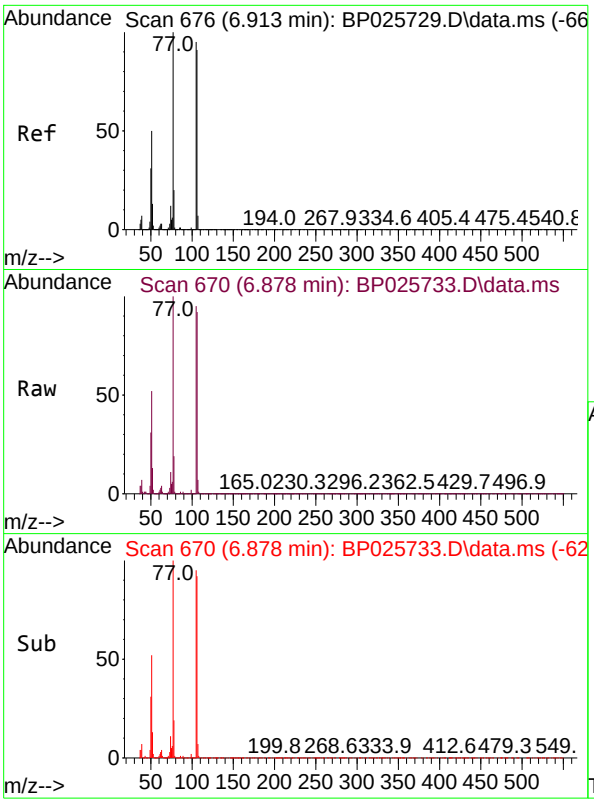


#8
2-Chlorophenol
Concen: 51.856 ng
RT: 7.296 min Scan# 741
Delta R.T. -0.041 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:128 Resp: 466182

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	51.6	31.6	71.6

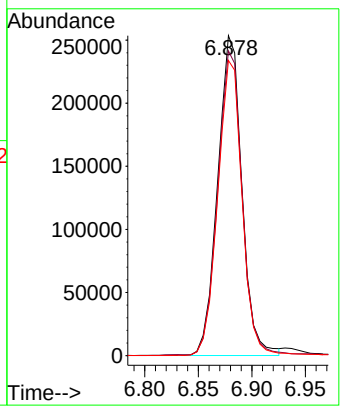




#9
Benzaldehyde
Concen: 61.160 ng m
RT: 6.878 min Scan# 6
Delta R.T. -0.035 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 77 Resp: 39885

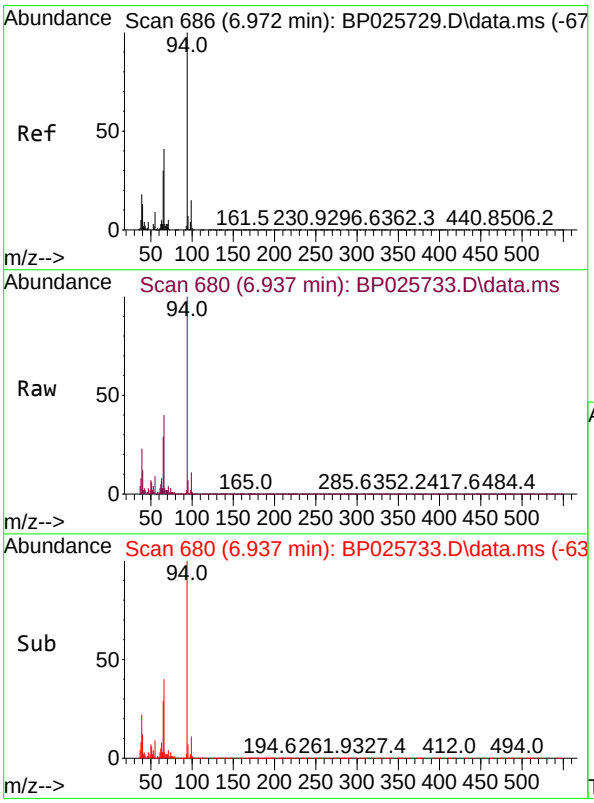
Ion	Ratio	Lower	Upper
77	100		
105	95.2	75.2	115.2
106	92.2	71.3	111.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

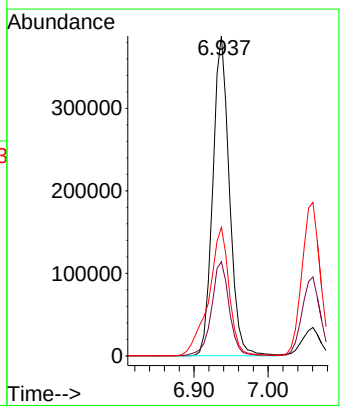
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

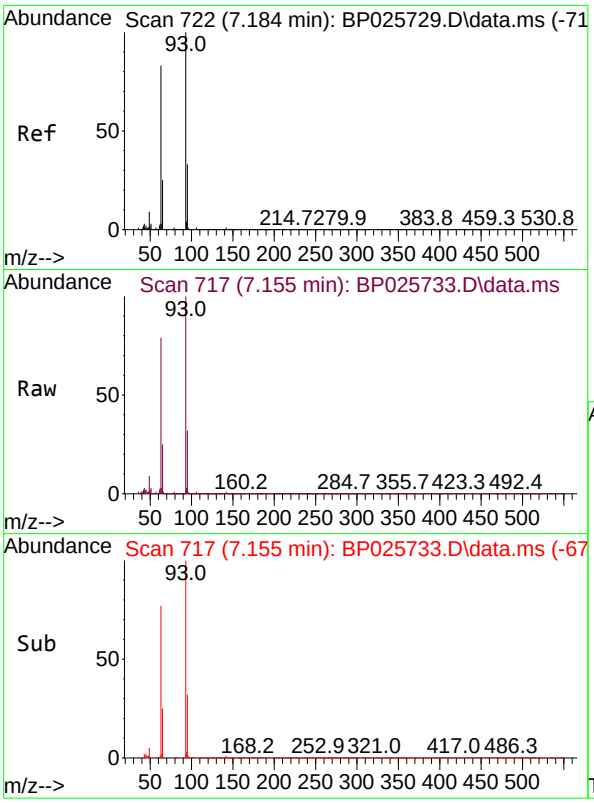


#10
Phenol
Concen: 52.364 ng
RT: 6.937 min Scan# 680
Delta R.T. -0.035 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 94 Resp: 601415

Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.2	50.2
66	40.2	21.4	61.4

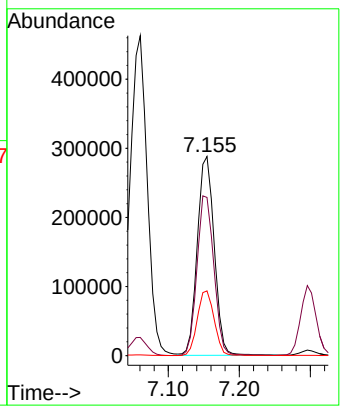




#11
bis(2-Chloroethyl)ether
Concen: 51.503 ng
RT: 7.155 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 93 Resp: 47524

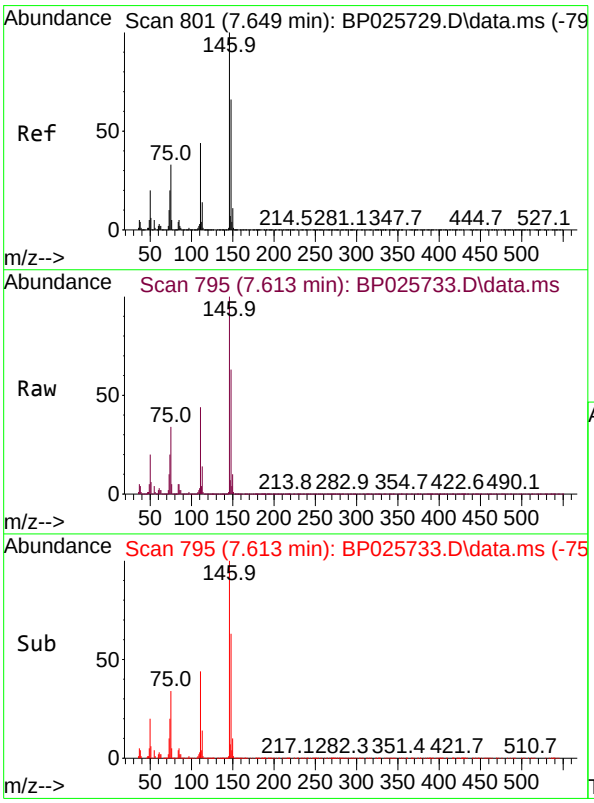
Ion	Ratio	Lower	Upper
93	100		
63	79.5	62.6	102.6
95	32.5	13.2	53.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

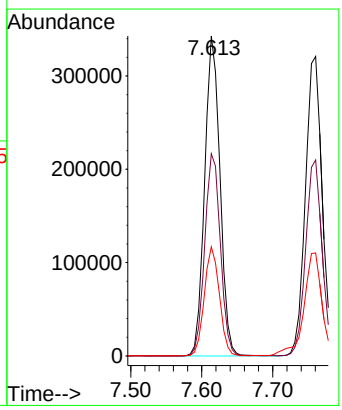
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

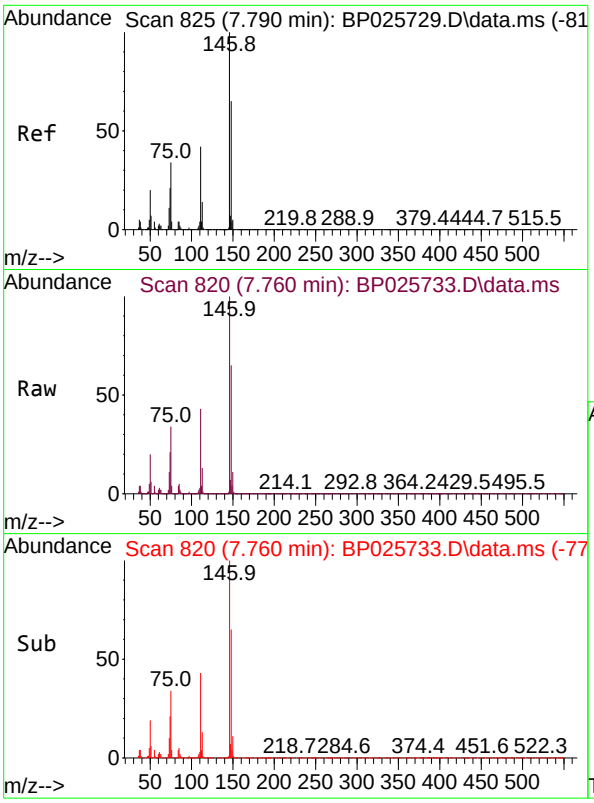


#12
1,3-Dichlorobenzene
Concen: 50.003 ng
RT: 7.613 min Scan# 795
Delta R.T. -0.035 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:146 Resp: 511619

Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.7	79.1
75	34.1	26.4	39.6

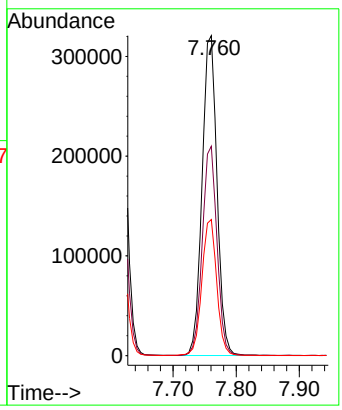




#13
1,4-Dichlorobenzene
Concen: 50.438 ng
RT: 7.760 min Scan# 8
Delta R.T. -0.029 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:146 Resp: 52568

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.0	78.0
111	42.5	33.9	50.9



Instrument :
BNA_P
ClientSampleId :
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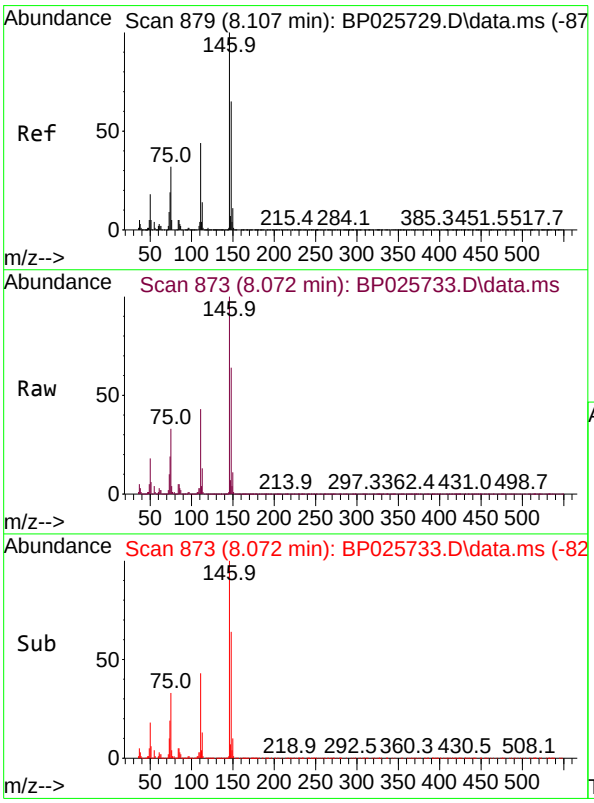
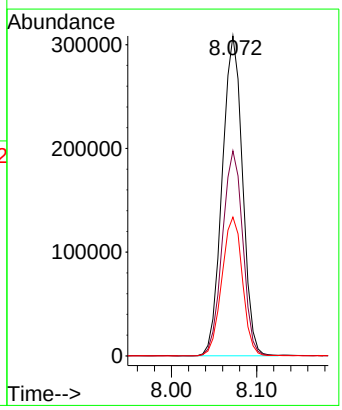
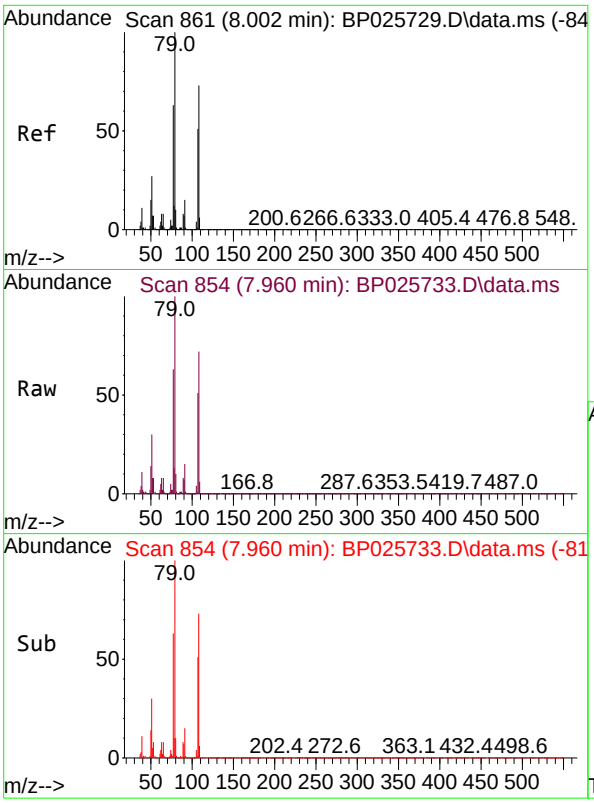


#14
1,2-Dichlorobenzene
Concen: 50.354 ng
RT: 8.072 min Scan# 873
Delta R.T. -0.035 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:146 Resp: 509835

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.7	77.5
111	43.4	35.5	53.3

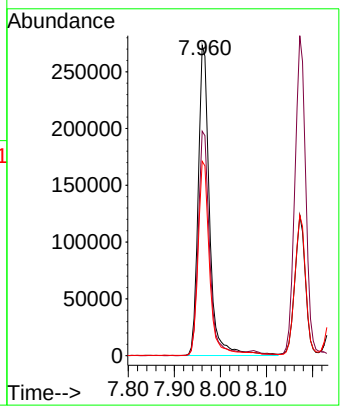




#15
Benzyl Alcohol
Concen: 51.821 ng
RT: 7.960 min Scan# 8
Delta R.T. -0.041 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 79 Resp: 46642

Ion	Ratio	Lower	Upper
79	100		
108	72.4	58.7	88.1
77	62.7	50.2	75.2



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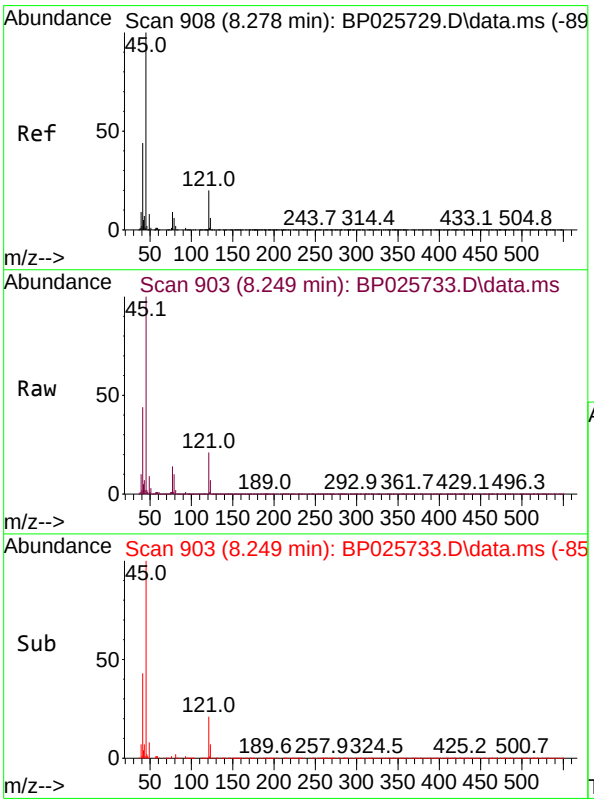
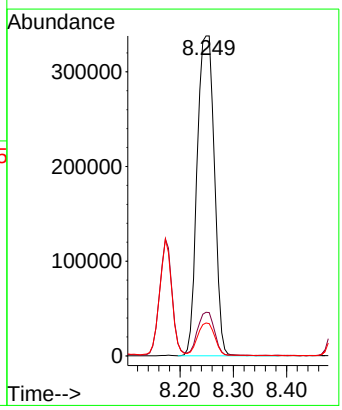
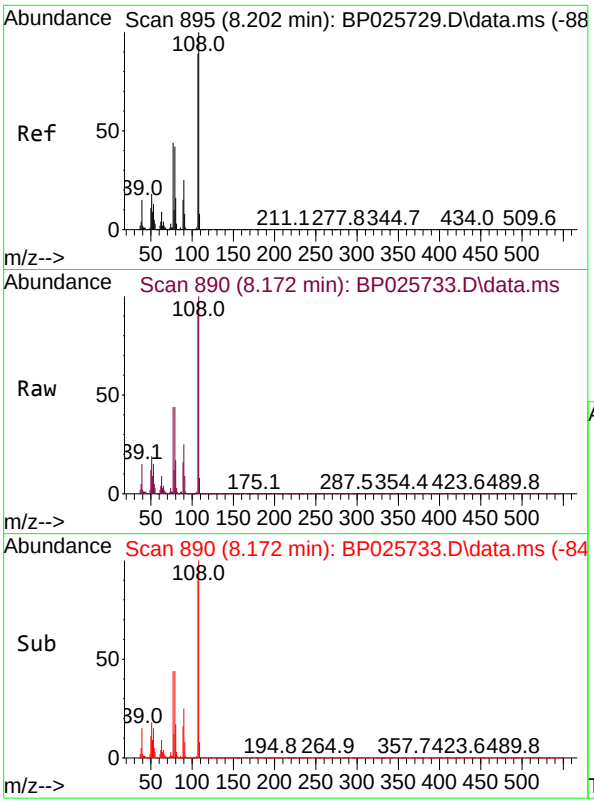


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.182 ng
RT: 8.249 min Scan# 903
Delta R.T. -0.029 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 45 Resp: 757264

Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	33.1
79	10.3	0.0	30.0

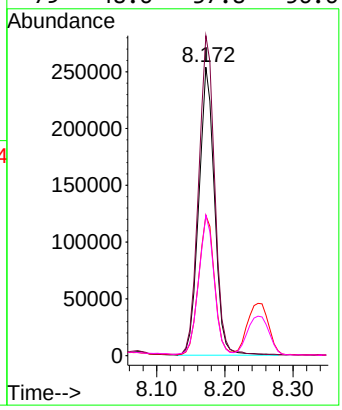




#17
2-Methylphenol
Concen: 52.557 ng
RT: 8.172 min Scan# 8
Delta R.T. -0.029 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:107 Resp: 40697

Ion	Ratio	Lower	Upper
107	100		
108	111.0	89.6	134.4
77	48.6	39.3	58.9
79	48.6	37.8	56.6



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ClientSampleId :
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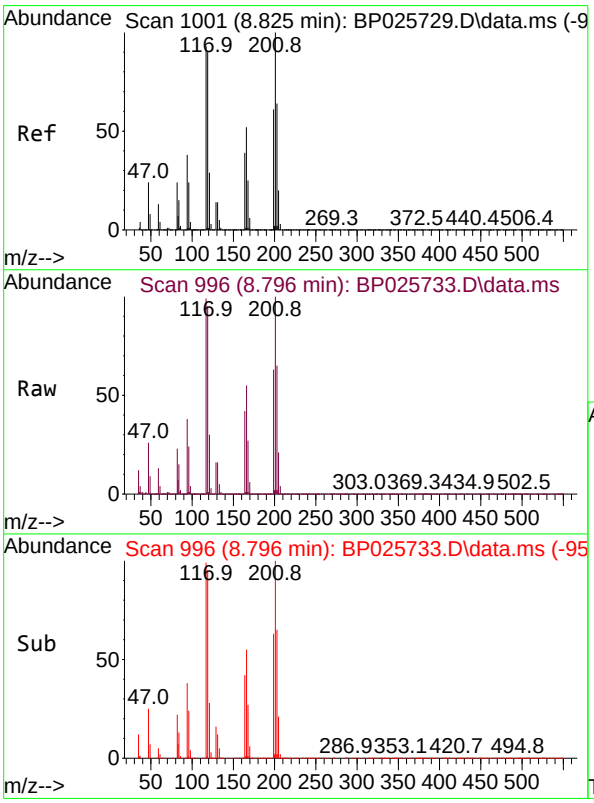
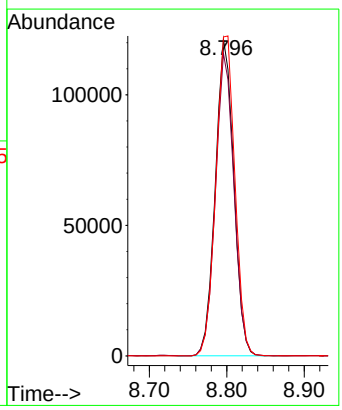
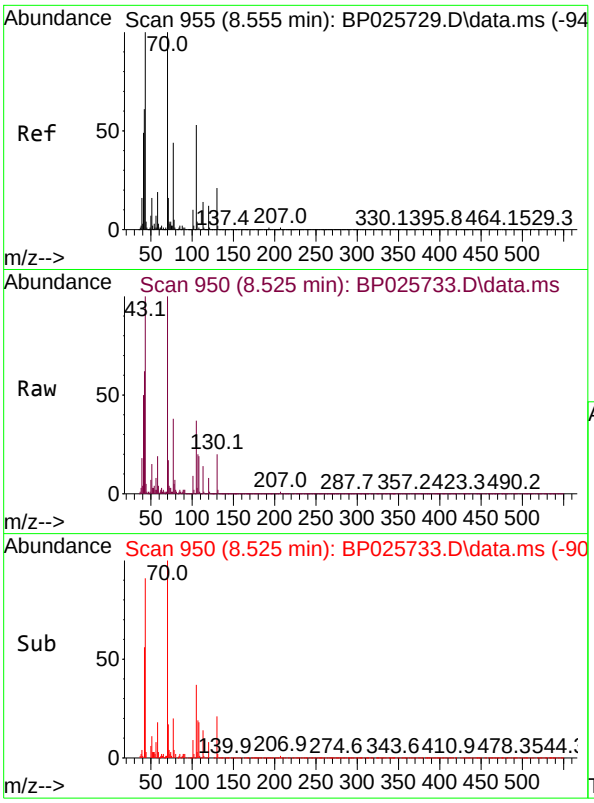


#18
Hexachloroethane
Concen: 50.587 ng
RT: 8.796 min Scan# 996
Delta R.T. -0.029 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:117 Resp: 201387

Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.1	115.7
201	100.7	85.6	128.4

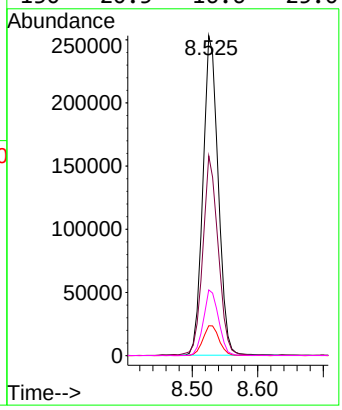




#19
n-Nitroso-di-n-propylamine
Concen: 54.152 ng
RT: 8.525 min Scan# 9
Delta R.T. -0.029 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 70 Resp: 40654

Ion	Ratio	Lower	Upper
70	100		
42	62.4	49.0	73.4
101	9.3	7.9	11.9
130	20.5	16.6	25.0



Instrument :
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ClientSampleId :
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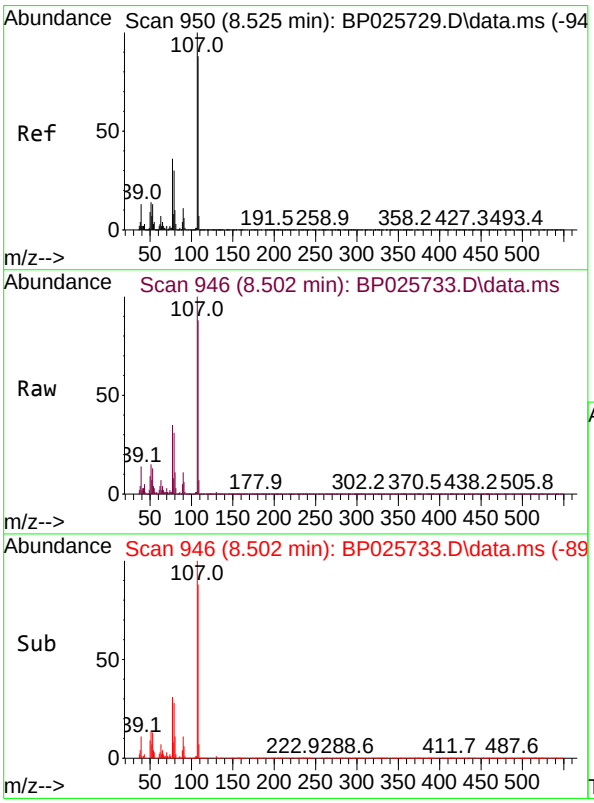
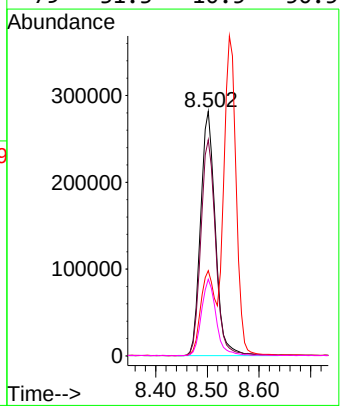
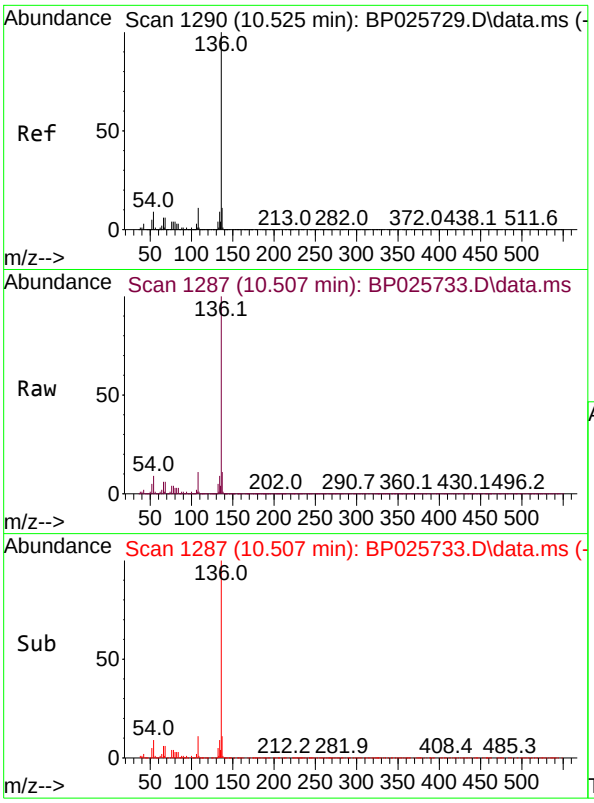


#20
3+4-Methylphenols
Concen: 51.612 ng
RT: 8.502 min Scan# 946
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:107 Resp: 559714

Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.8	107.8
77	34.9	16.1	56.1
79	31.3	10.5	50.5

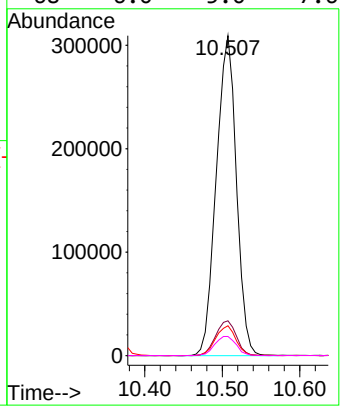




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:136 Resp: 55837

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.3	7.5	11.3
68	6.0	5.0	7.6



Instrument :
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ClientSampleId :
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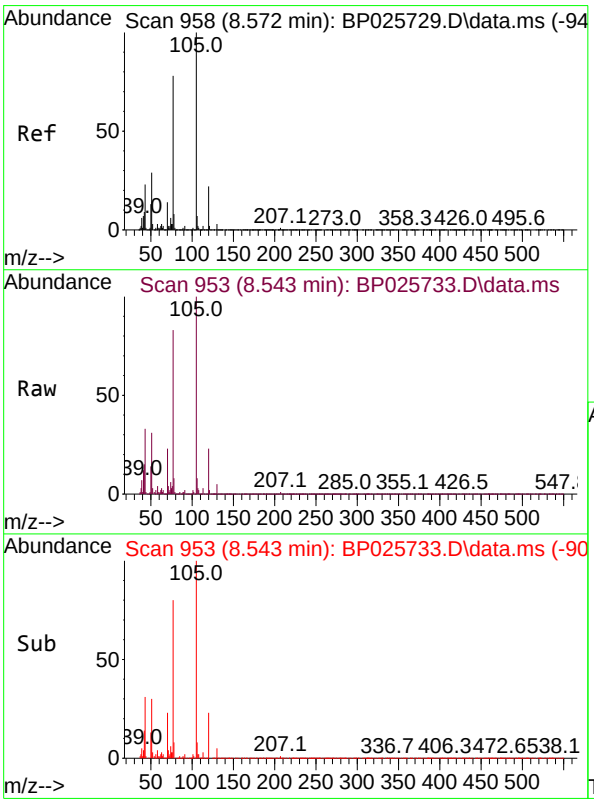
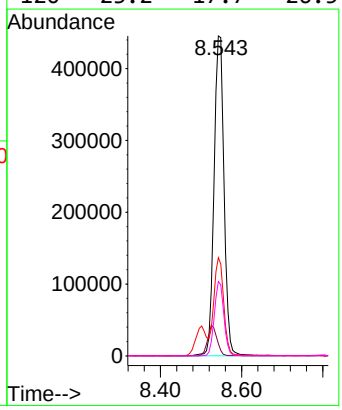
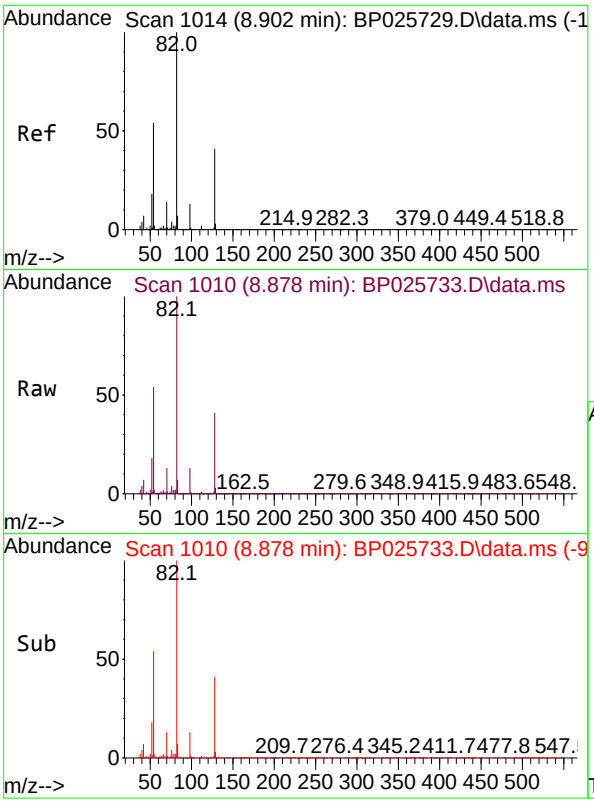


#22
Acetophenone
Concen: 51.407 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.029 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:105 Resp: 767098

Ion	Ratio	Lower	Upper
105	100		
71	3.8	1.8	2.8#
51	30.7	23.5	35.3
120	23.2	17.7	26.5

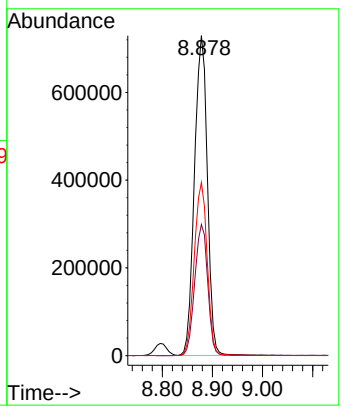




#23
Nitrobenzene-d5
Concen: 102.956 ng
RT: 8.878 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 82 Resp: 130327

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.9	49.3
54	54.1	43.4	65.2



Instrument :
BNA_P
ClientSampleId :
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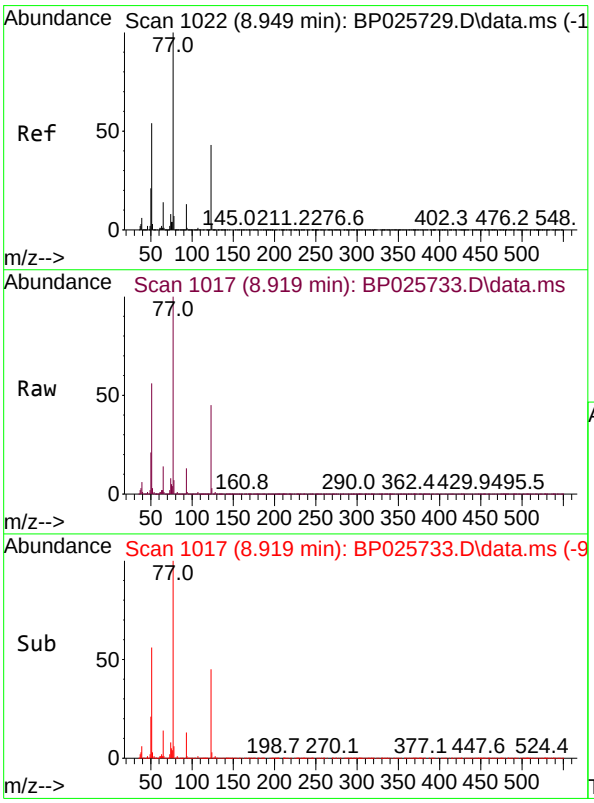
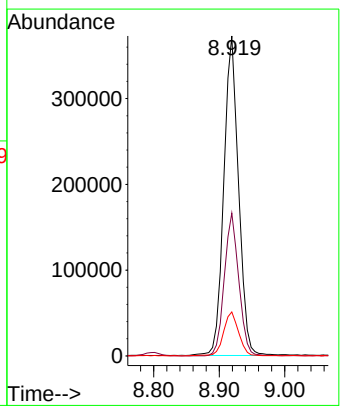
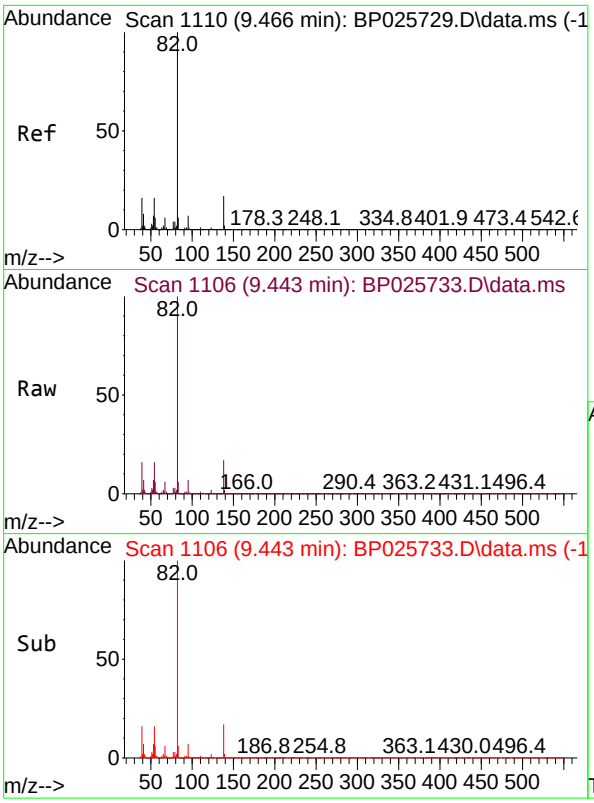


#24
Nitrobenzene
Concen: 51.351 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.029 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 77 Resp: 583136

Ion	Ratio	Lower	Upper
77	100		
123	44.6	34.4	51.6
65	13.7	10.8	16.2

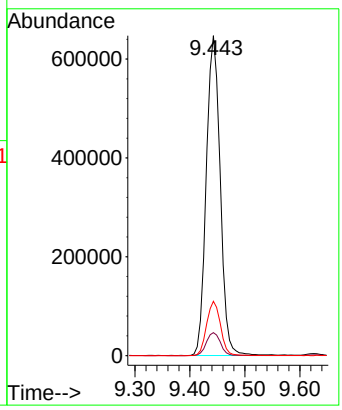




#25
Isophorone
Concen: 51.161 ng
RT: 9.443 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 82 Resp: 113830

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	17.0	13.5	20.3



Instrument :
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ClientSampleId :
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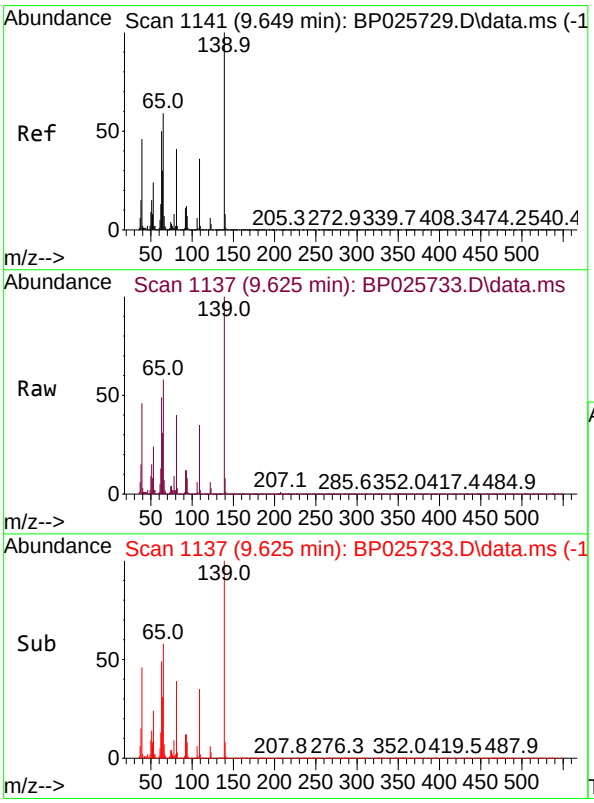
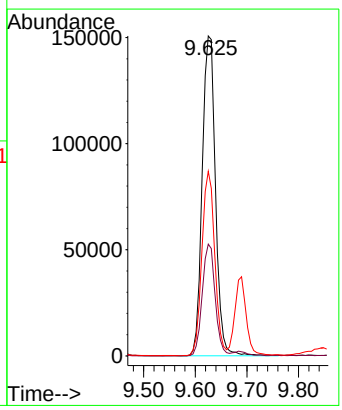
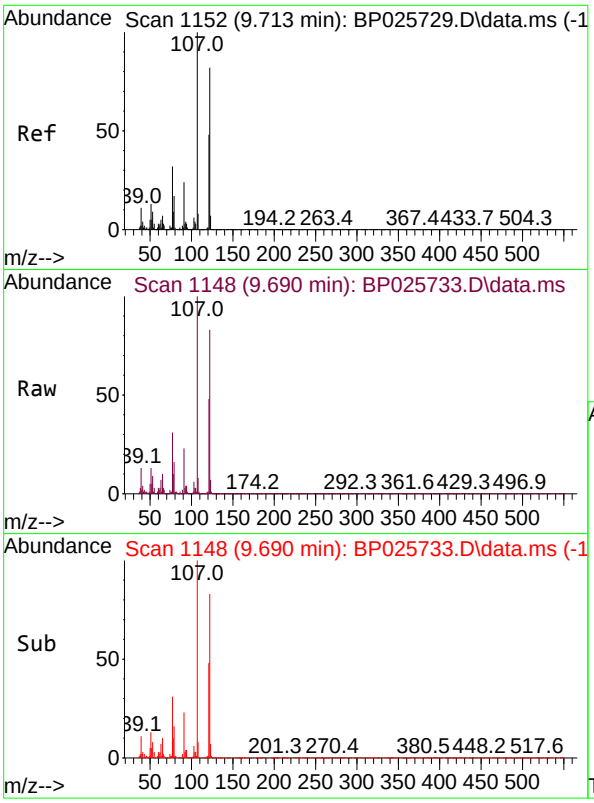


#26
2-Nitrophenol
Concen: 53.408 ng
RT: 9.625 min Scan# 1137
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:139 Resp: 269275

Ion	Ratio	Lower	Upper
139	100		
109	34.9	29.0	43.4
65	57.7	46.9	70.3

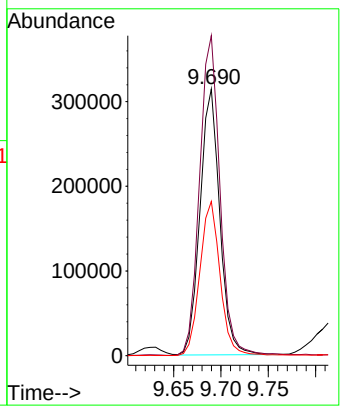




#27
2,4-Dimethylphenol
Concen: 51.654 ng
RT: 9.690 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:122 Resp: 45688

Ion	Ratio	Lower	Upper
122	100		
107	120.0	97.9	146.9
121	57.8	47.4	71.0



Instrument :
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ClientSampleId :
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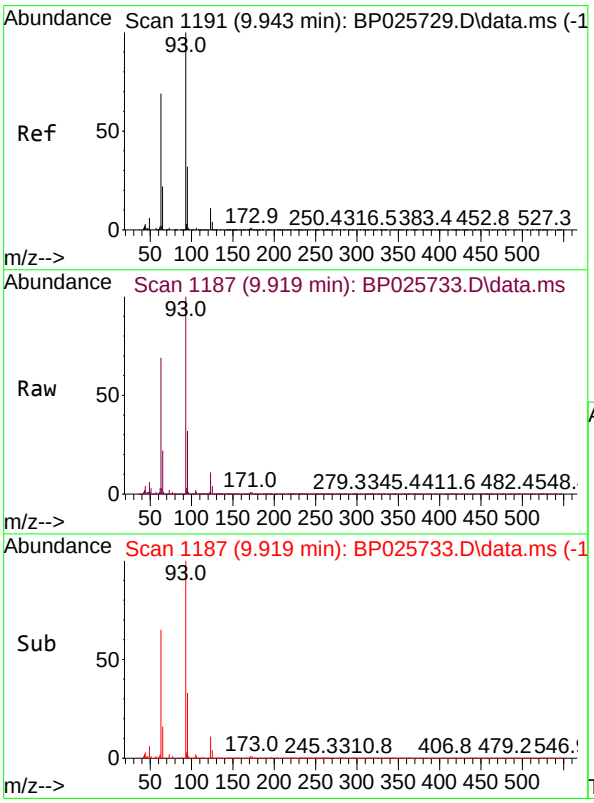
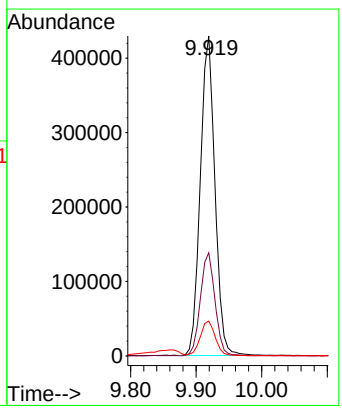
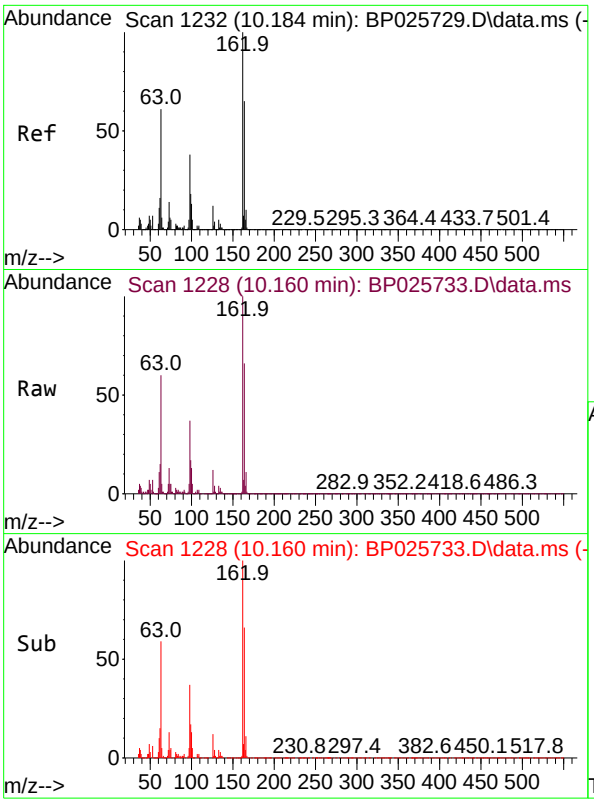


#28
bis(2-Chloroethoxy)methane
Concen: 51.437 ng
RT: 9.919 min Scan# 1187
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 93 Resp: 661544

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.6	38.4
123	10.9	9.2	13.8

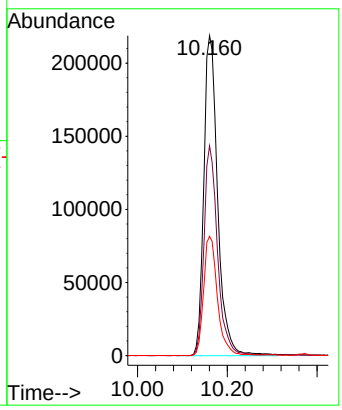




#29
2,4-Dichlorophenol
Concen: 53.298 ng
RT: 10.160 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:162 Resp: 47003

Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.7	84.7
98	37.3	18.1	58.1



Instrument :
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ClientSampleId :
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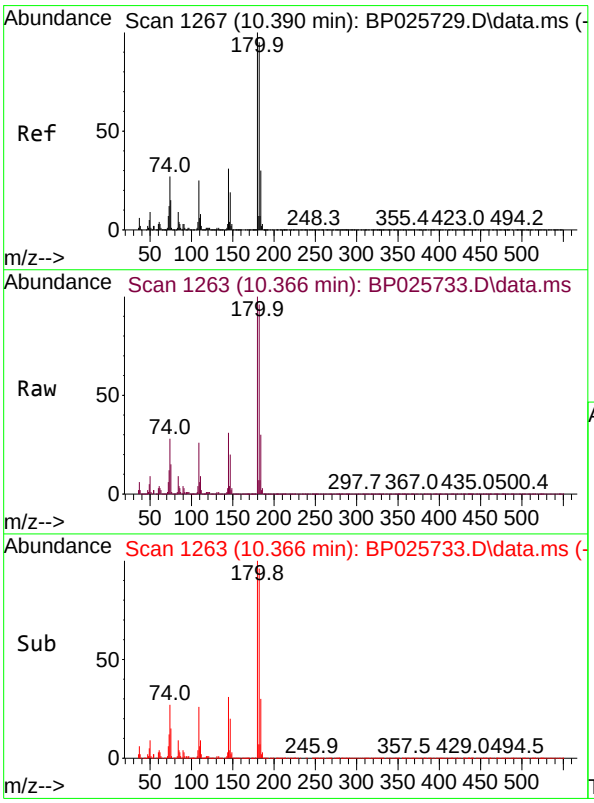
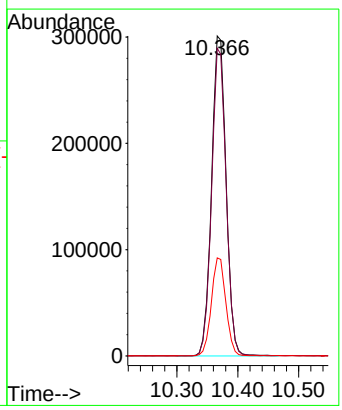
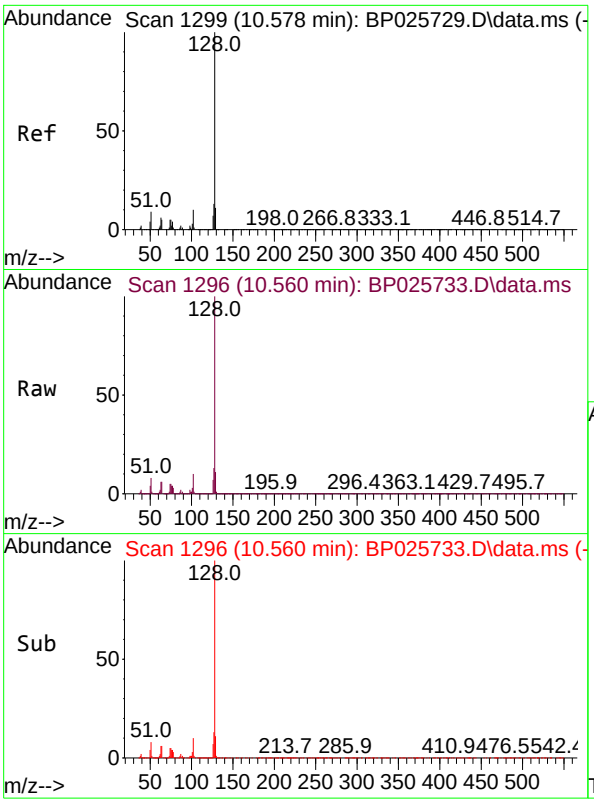


#30
1,2,4-Trichlorobenzene
Concen: 50.132 ng
RT: 10.366 min Scan# 1263
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:180 Resp: 498270

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.0	114.0
145	30.6	24.7	37.1

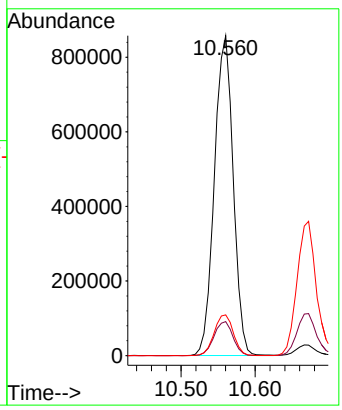




#31
Naphthalene
Concen: 50.255 ng
RT: 10.560 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:128 Resp: 151308

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	12.7	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
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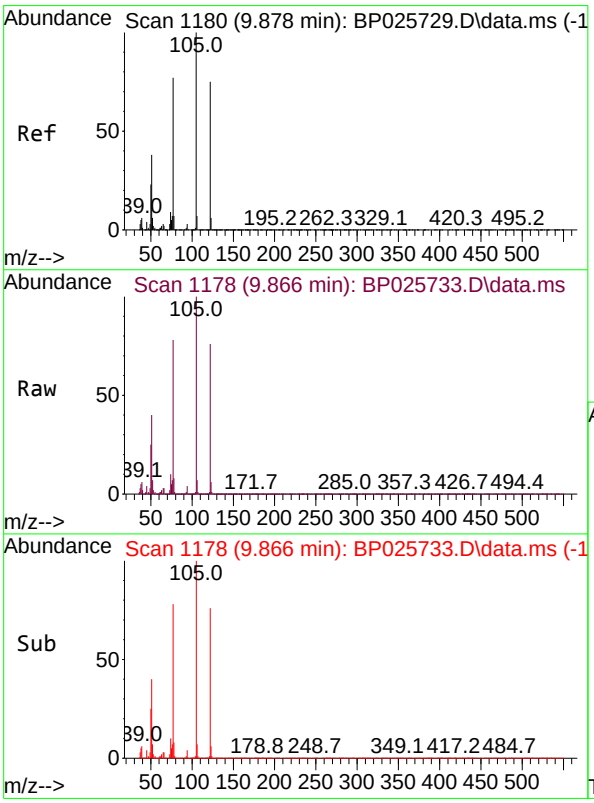
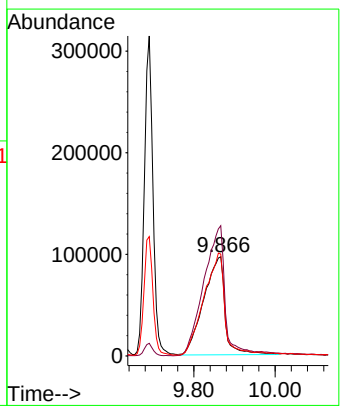
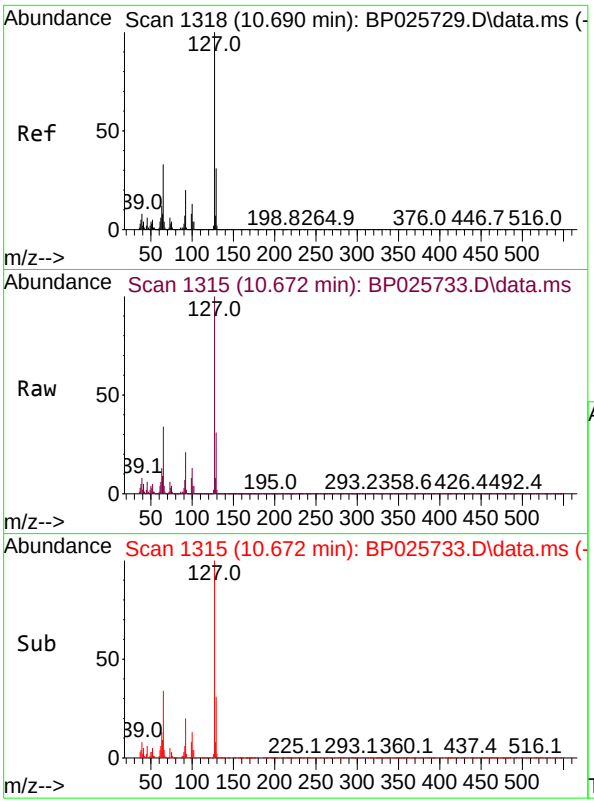


#32
Benzoic acid
Concen: 53.738 ng
RT: 9.866 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:122 Resp: 353386

Ion	Ratio	Lower	Upper
122	100		
105	131.2	111.5	151.5
77	102.7	81.8	121.8

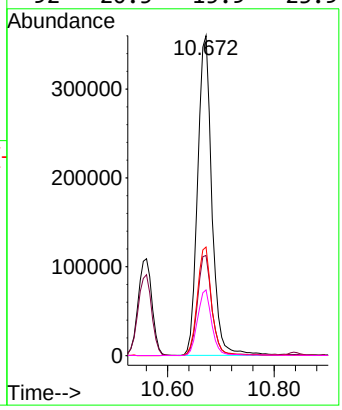




#33
4-Chloroaniline
Concen: 53.111 ng
RT: 10.672 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:127 Resp: 66649

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.1	37.7
65	33.9	26.4	39.6
92	20.5	15.9	23.9



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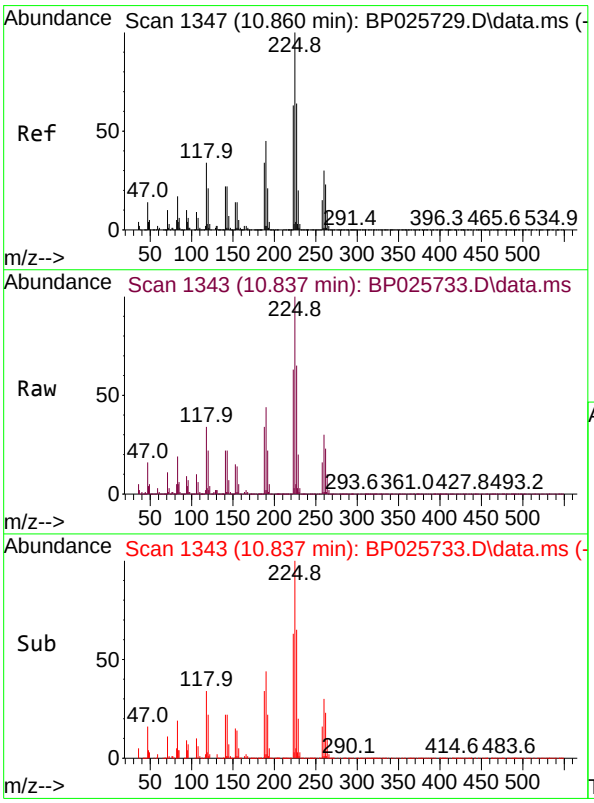
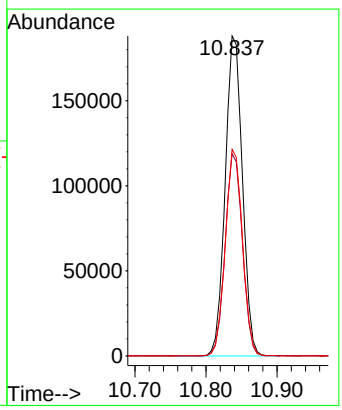
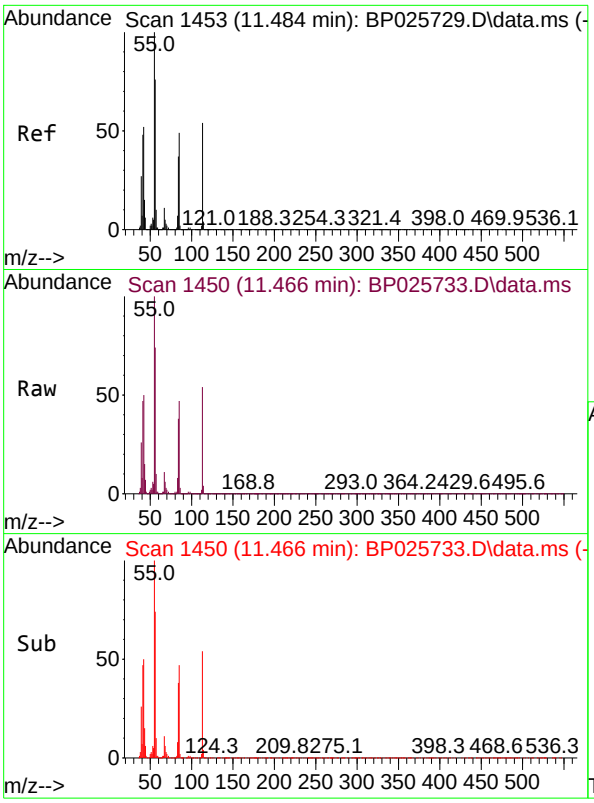


#34
Hexachlorobutadiene
Concen: 49.495 ng
RT: 10.837 min Scan# 1343
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:225 Resp: 316676

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.1	75.1
227	64.5	51.2	76.8





#35
Caprolactam
Concen: 50.713 ng
RT: 11.466 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:113 Resp: 17204

Ion	Ratio	Lower	Upper
113	100		
55	186.5	165.5	205.5
56	138.3	121.1	161.1

Instrument :
BNA_P
ClientSampleId :
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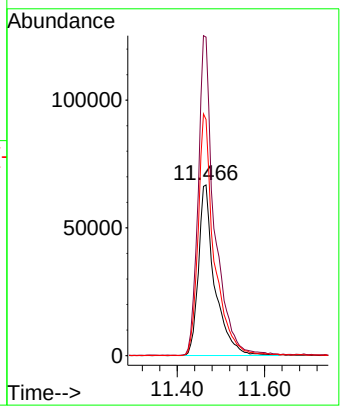
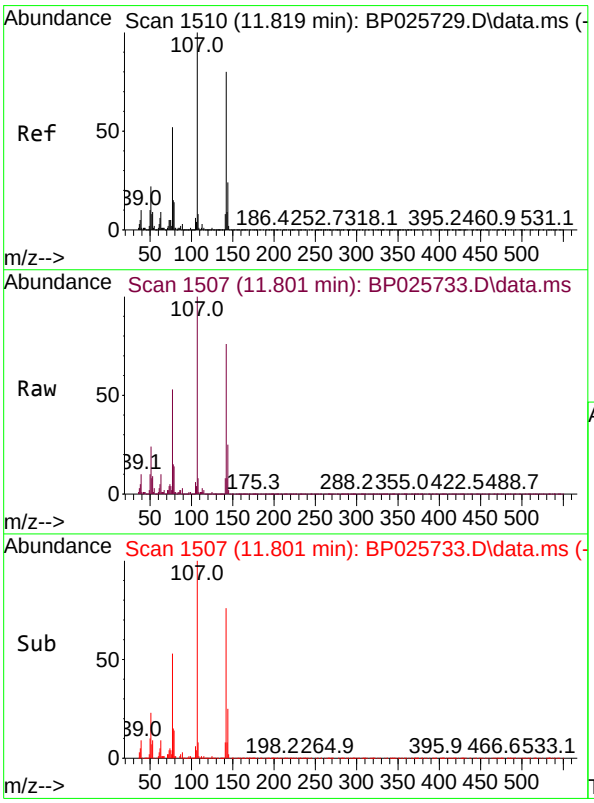
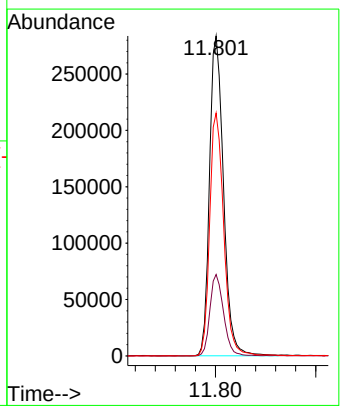


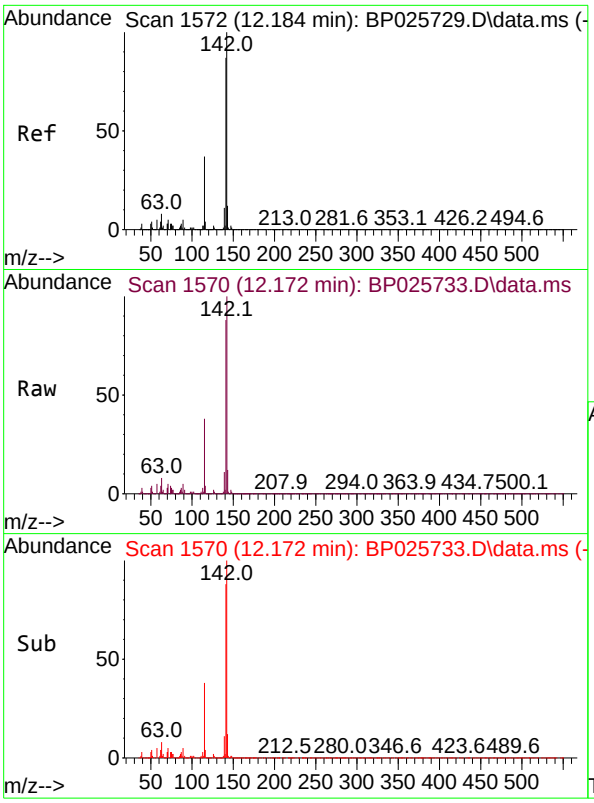


#36
4-Chloro-3-methylphenol
Concen: 52.269 ng
RT: 11.801 min Scan# 1507
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:107 Resp: 549567

Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.4	29.2
142	75.9	63.8	95.6

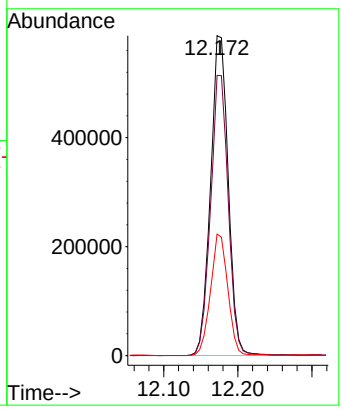




#37
2-Methylnaphthalene
Concen: 50.386 ng
RT: 12.172 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:142 Resp: 97436

Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.6	104.4
115	38.0	30.0	45.0



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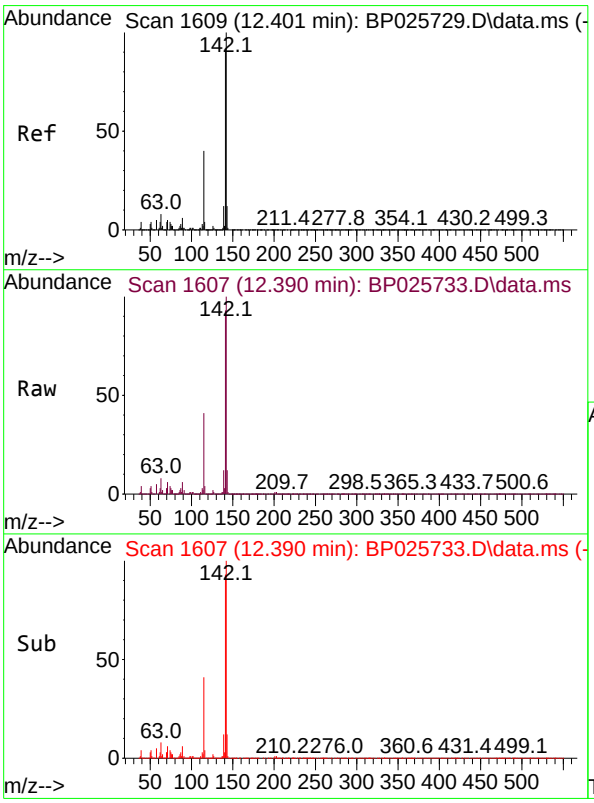
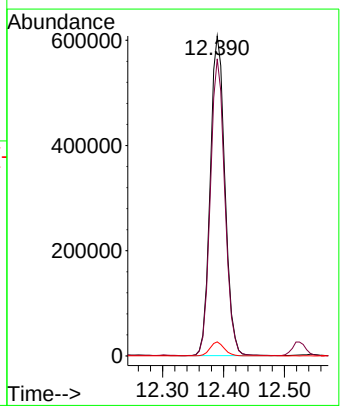
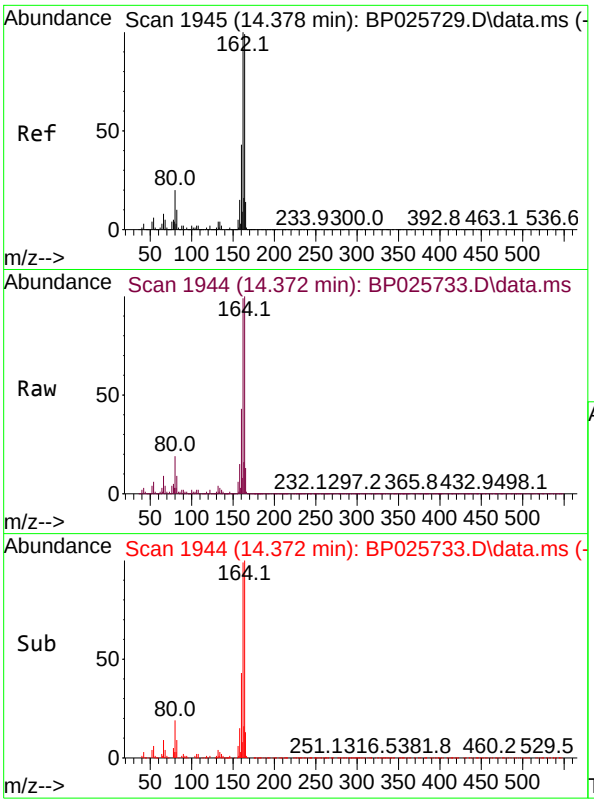


#38
1-Methylnaphthalene
Concen: 49.456 ng
RT: 12.390 min Scan# 1607
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:142 Resp: 1019849

Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.7	109.1
116	4.4	3.5	5.3

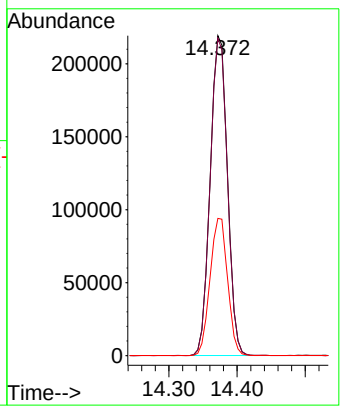




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:164 Resp: 384529

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.6	120.8
160	42.9	35.0	52.6



Instrument :
BNA_P
ClientSampleId :
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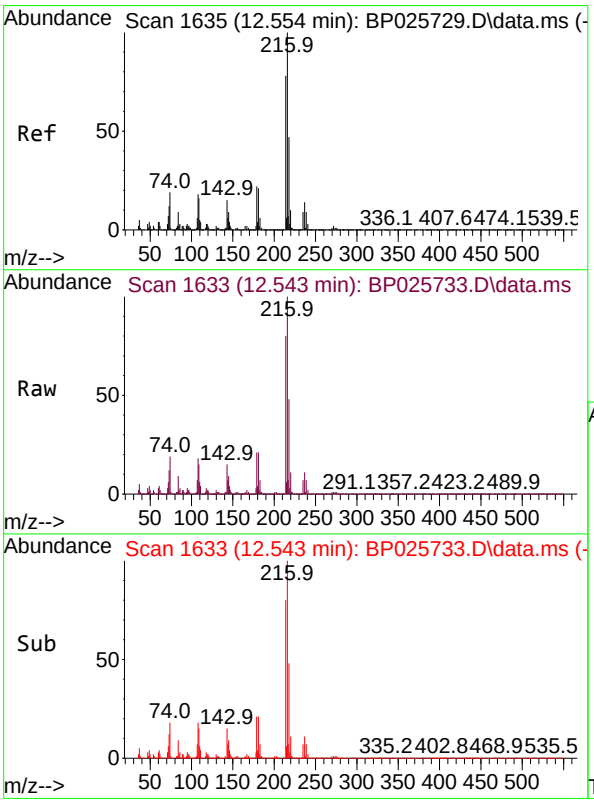
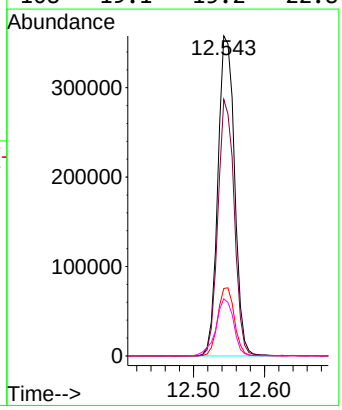
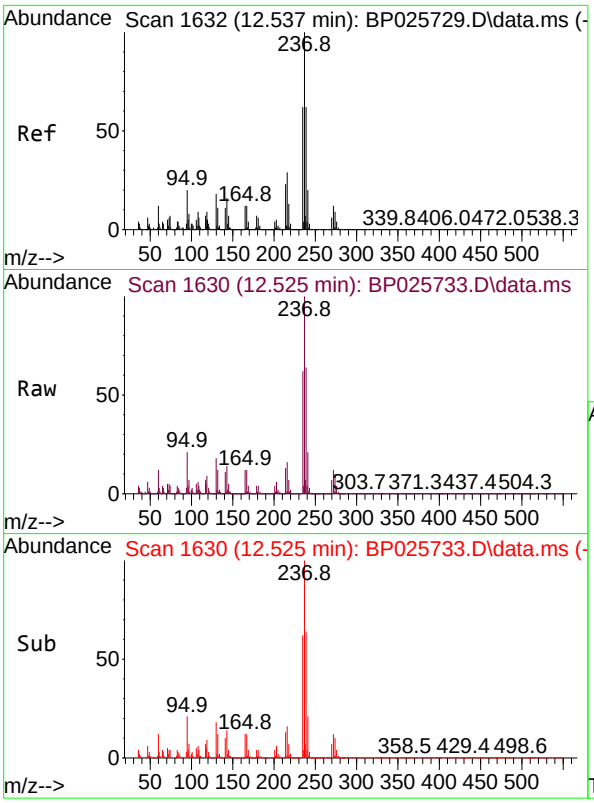


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.090 ng
RT: 12.543 min Scan# 1633
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:216 Resp: 583660

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	21.3	17.0	25.6
108	19.1	15.2	22.8

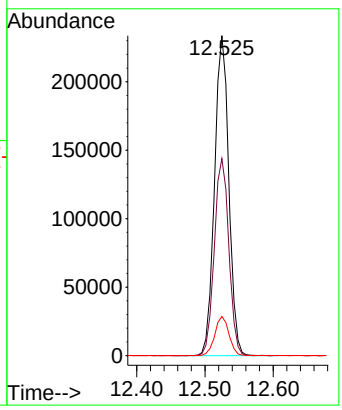




#41
Hexachlorocyclopentadiene
Concen: 53.214 ng
RT: 12.525 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:237 Resp: 33771

Ion	Ratio	Lower	Upper
237	100		
235	61.6	41.9	81.9
272	12.2	0.0	31.8



Instrument :
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ClientSampleId :
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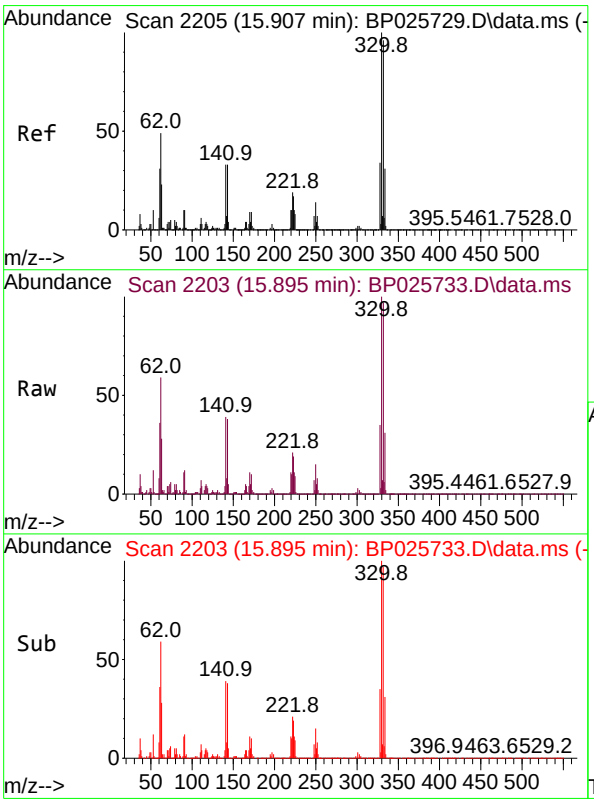
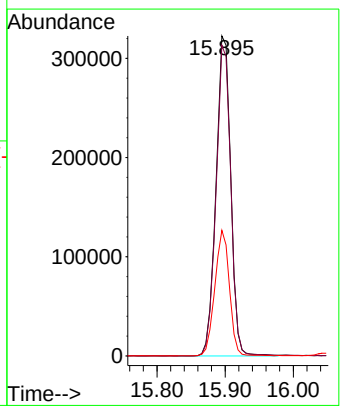
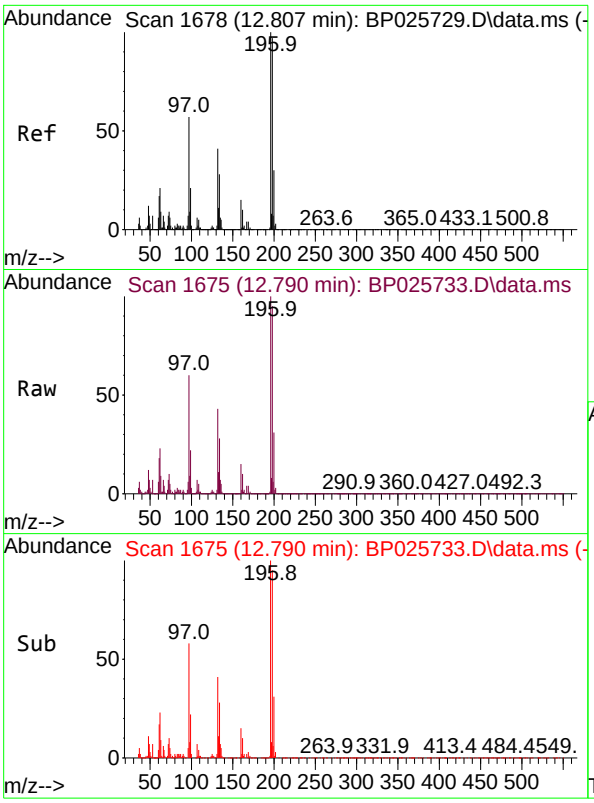


#42
2,4,6-Tribromophenol
Concen: 100.273 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:330 Resp: 480931

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	38.9	31.0	46.4

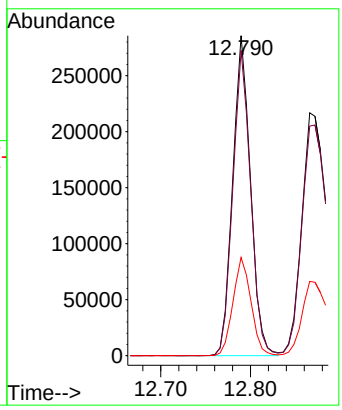




#43
2,4,6-Trichlorophenol
Concen: 51.389 ng
RT: 12.790 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:196 Resp: 39364

Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.2	115.8
200	30.7	24.2	36.2



Instrument :
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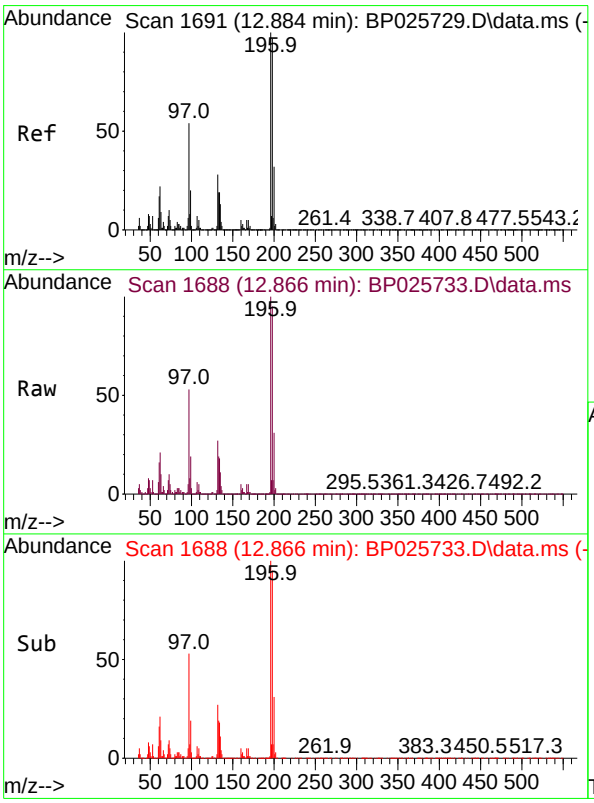
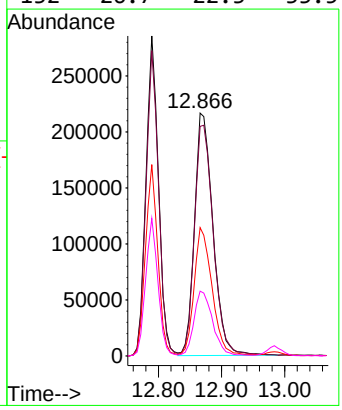
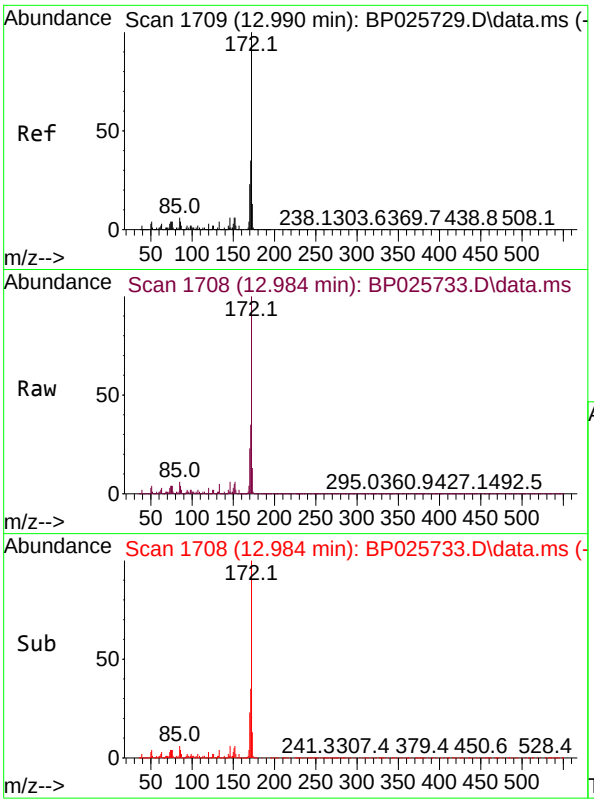


#44
2,4,5-Trichlorophenol
Concen: 51.765 ng
RT: 12.866 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:196 Resp: 441307

Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.8	116.8
97	52.8	43.3	64.9
132	26.7	22.3	33.5

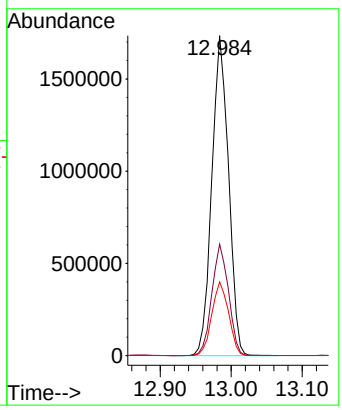




#45
2-Fluorobiphenyl
Concen: 98.461 ng
RT: 12.984 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:172 Resp: 284349

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.0	18.6	27.8



Instrument :
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ClientSampleId :
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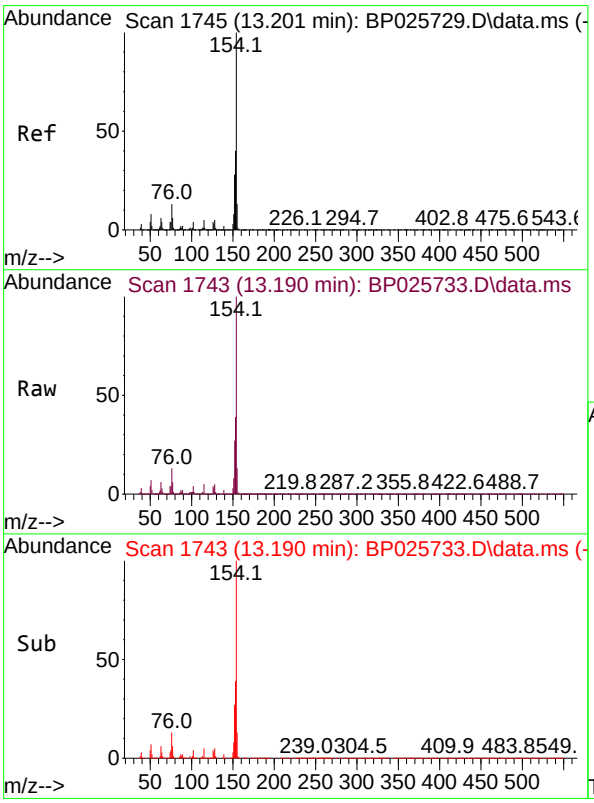
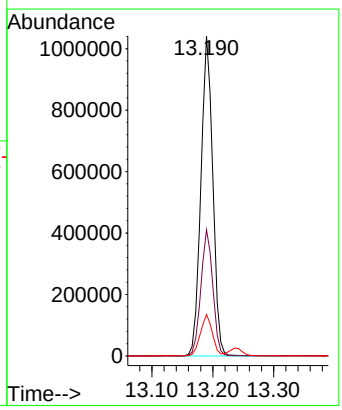
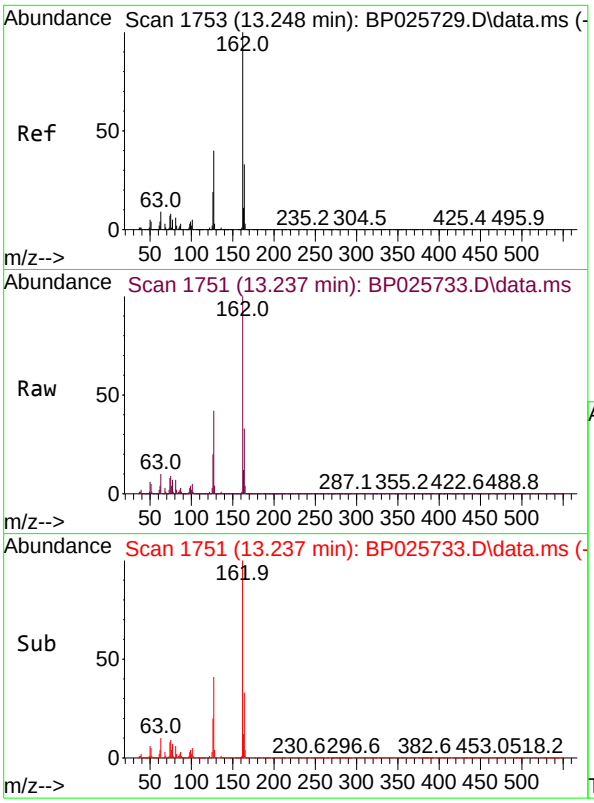


#46
1,1'-Biphenyl
Concen: 49.905 ng
RT: 13.190 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:154 Resp: 1408553

Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.7	59.7
76	12.9	0.0	33.3

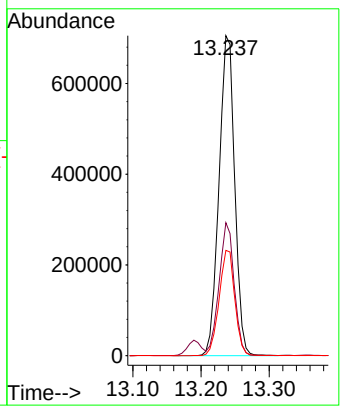




#47
2-Chloronaphthalene
Concen: 50.347 ng
RT: 13.237 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:162 Resp: 1118909

Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.2	48.4
164	32.9	26.5	39.7



Instrument :
BNA_P
ClientSampleId :
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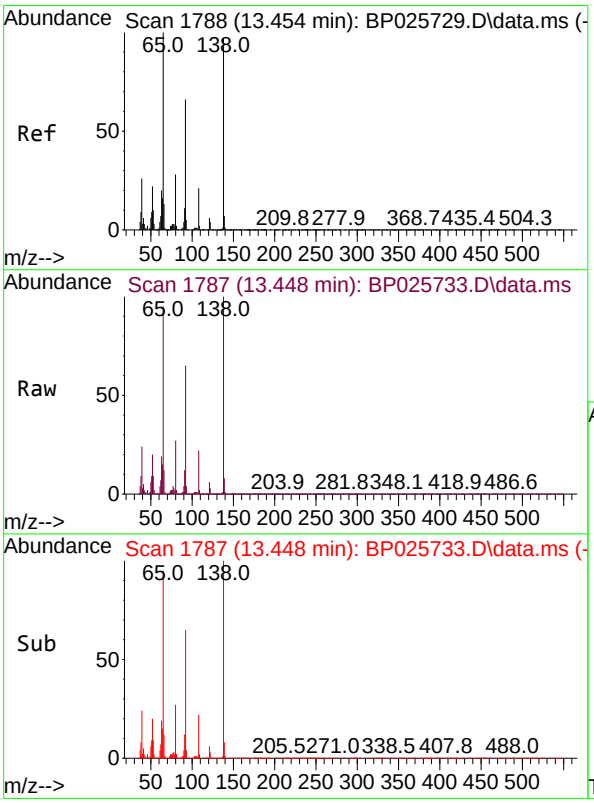
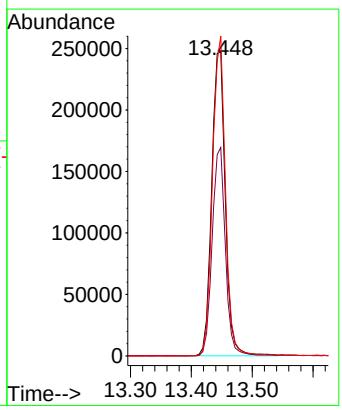
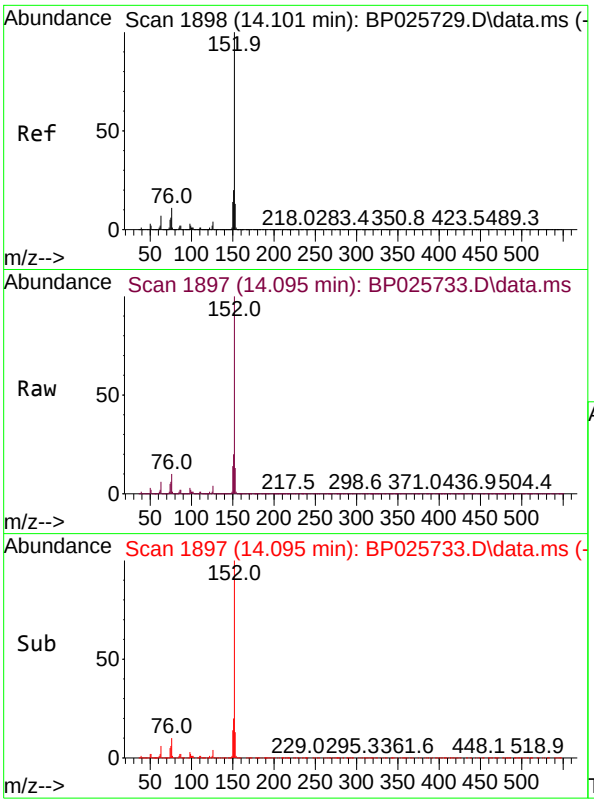


#48
2-Nitroaniline
Concen: 51.799 ng
RT: 13.448 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 65 Resp: 383740

Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.1	79.7
138	105.3	77.8	116.8

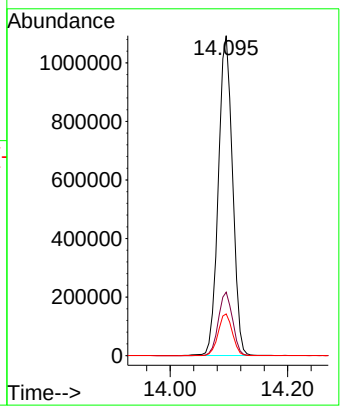




#49
Acenaphthylene
Concen: 49.702 ng
RT: 14.095 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:152 Resp: 183016

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.0	10.5	15.7



Instrument :
BNA_P
ClientSampleId :
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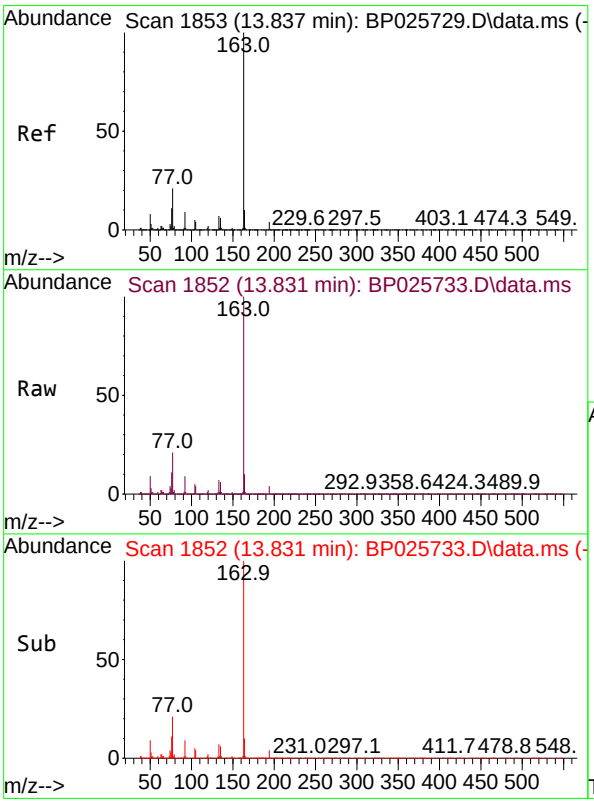
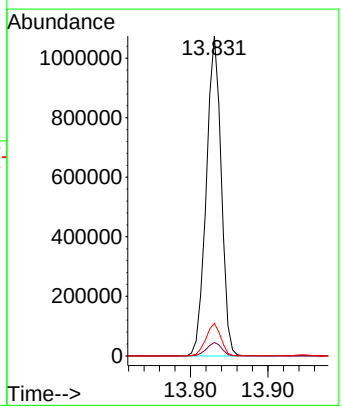
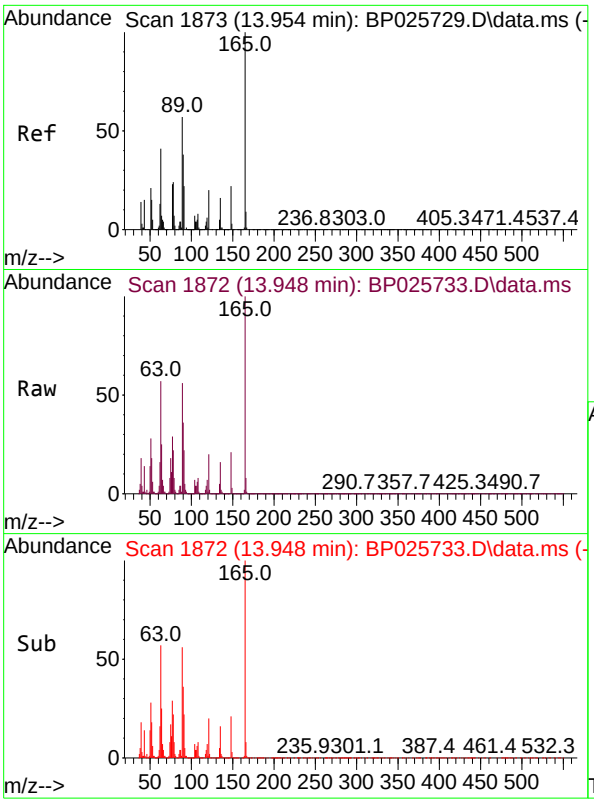


#50
Dimethylphthalate
Concen: 48.895 ng
RT: 13.831 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:163 Resp: 1435428

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	8.2	12.2

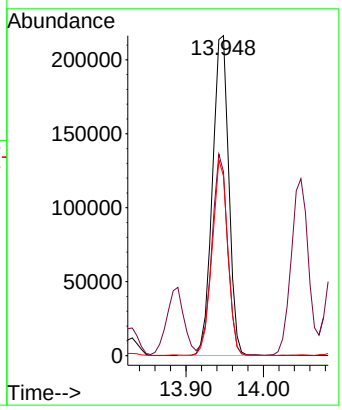




#51
2,6-Dinitrotoluene
Concen: 50.904 ng
RT: 13.948 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:165 Resp: 31661

Ion	Ratio	Lower	Upper
165	100		
63	57.5	48.1	72.1
89	56.1	45.4	68.0



Instrument :
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ClientSampleId :
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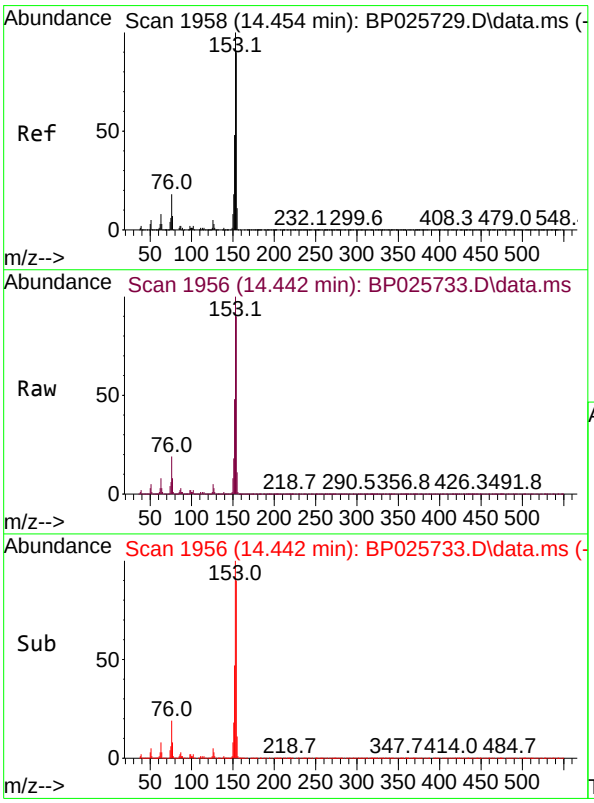
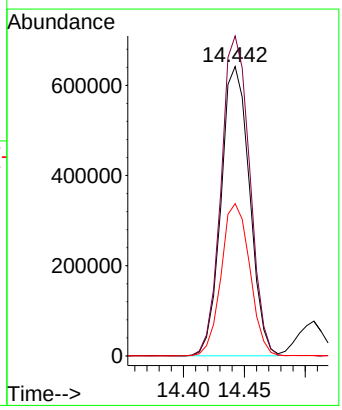
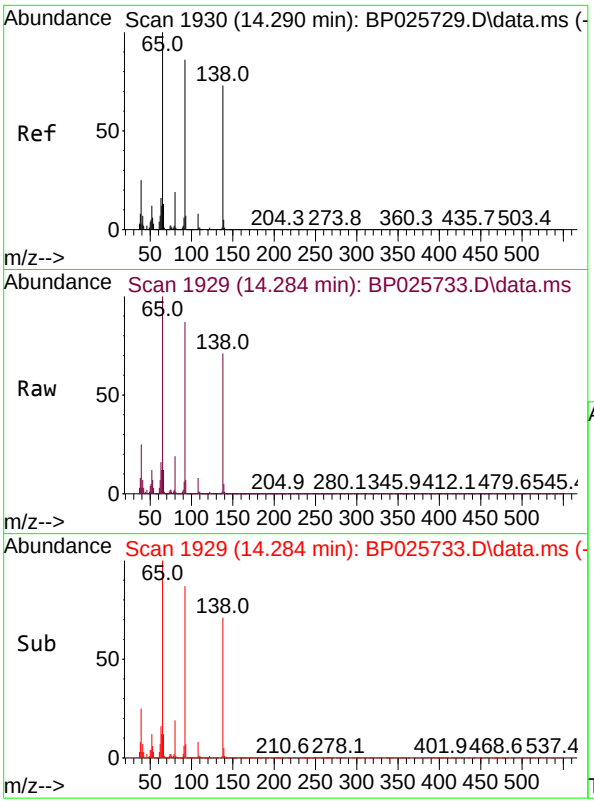


#52
Acenaphthene
Concen: 49.094 ng
RT: 14.442 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:154 Resp: 1042525

Ion	Ratio	Lower	Upper
154	100		
153	110.6	89.4	134.0
152	52.6	42.5	63.7

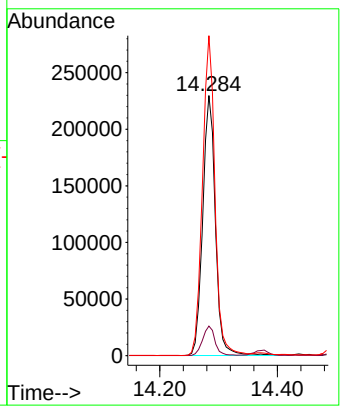




#53
3-Nitroaniline
Concen: 52.561 ng
RT: 14.284 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:138 Resp: 34378

Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.7	13.1
92	123.0	94.6	142.0



Instrument :
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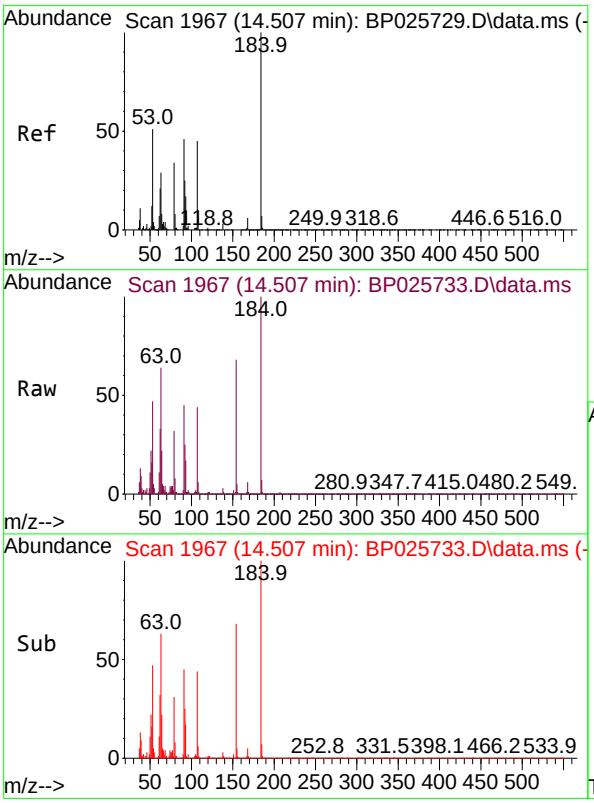
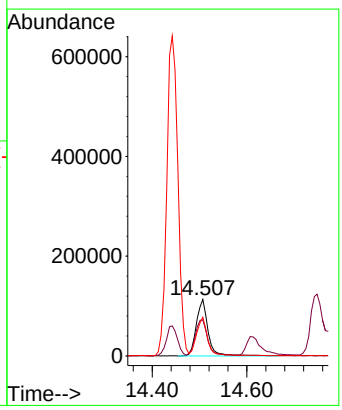
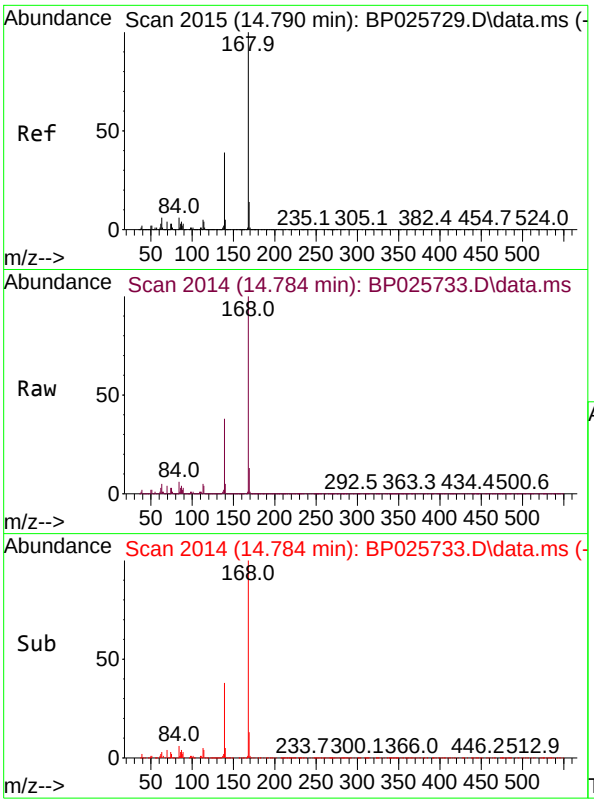


#54
2,4-Dinitrophenol
Concen: 49.740 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:184 Resp: 193294

Ion	Ratio	Lower	Upper
184	100		
63	63.7	52.5	78.7
154	68.1	51.5	77.3

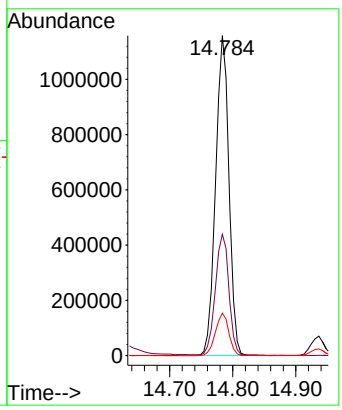




#55
Dibenzofuran
Concen: 49.045 ng
RT: 14.784 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:168 Resp: 169742

Ion	Ratio	Lower	Upper
168	100		
139	37.9	31.7	47.5
169	13.3	10.8	16.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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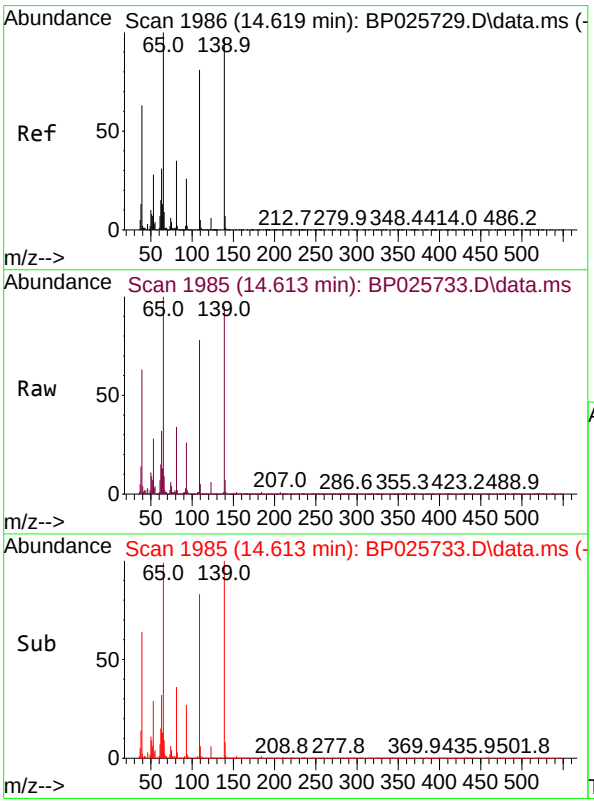
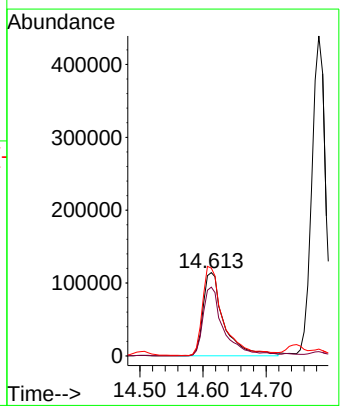
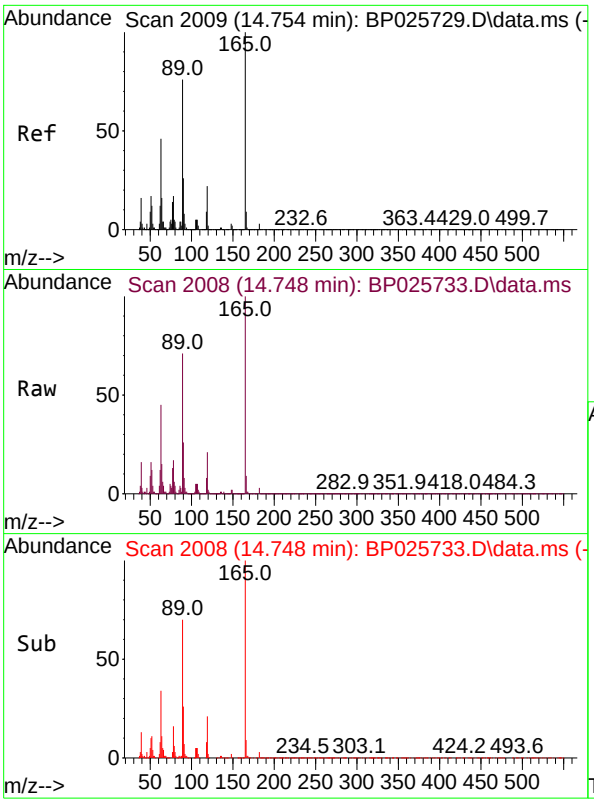


#56
4-Nitrophenol
Concen: 48.388 ng
RT: 14.613 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:139 Resp: 261984

Ion	Ratio	Lower	Upper
139	100		
109	82.6	62.9	102.9
65	105.5	83.4	123.4

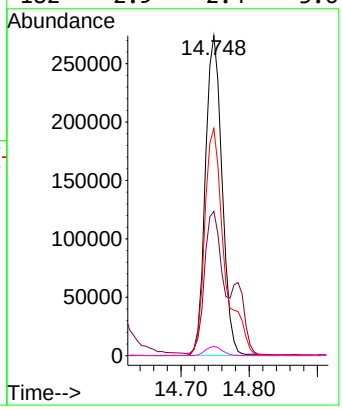




#57
2,4-Dinitrotoluene
Concen: 52.562 ng
RT: 14.748 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:165 Resp: 46526

Ion	Ratio	Lower	Upper
165	100		
63	45.1	37.7	56.5
89	71.0	61.0	91.6
182	2.9	2.4	3.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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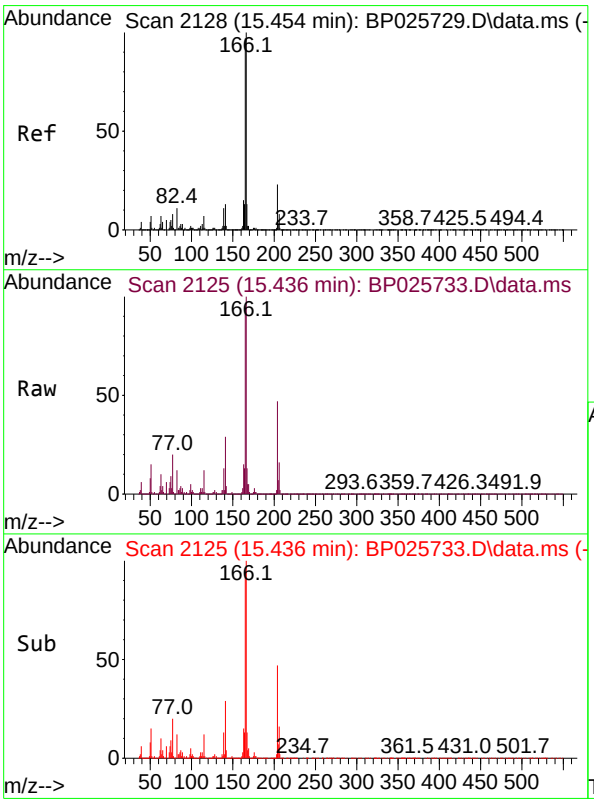
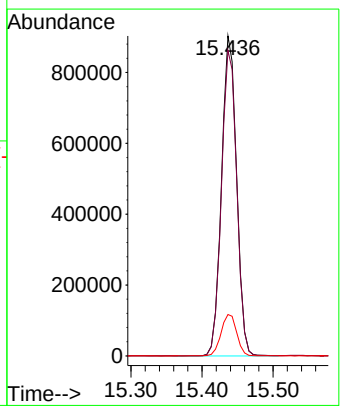
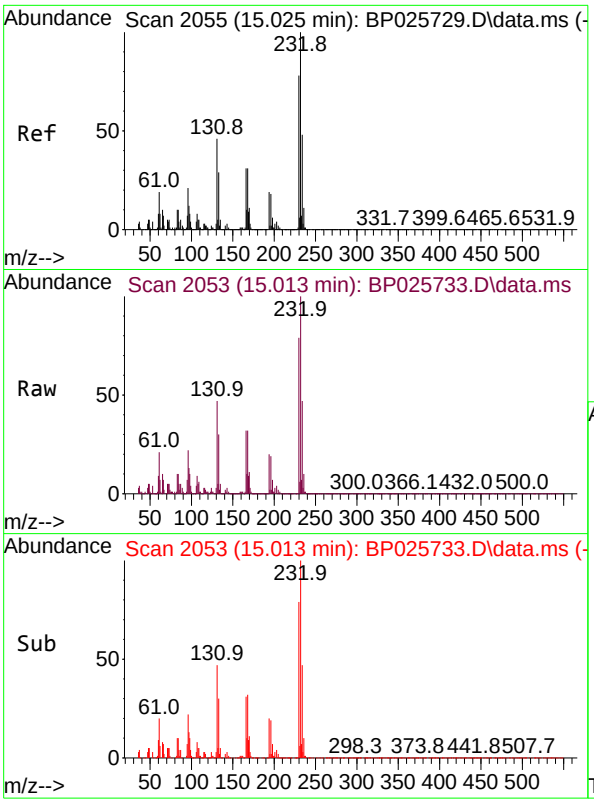


#58
Fluorene
Concen: 48.387 ng
RT: 15.436 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:166 Resp: 1331644

Ion	Ratio	Lower	Upper
166	100		
165	95.4	77.7	116.5
167	12.9	10.6	16.0

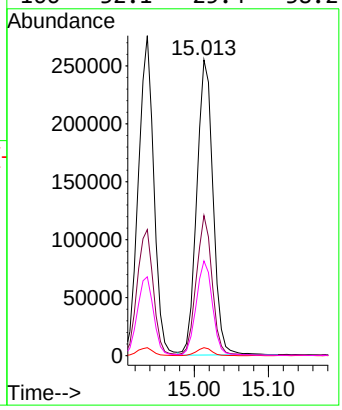




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.625 ng
RT: 15.013 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:232 Resp: 38878

Ion	Ratio	Lower	Upper
232	100		
131	45.7	36.7	55.1
130	2.5	2.0	3.0
166	32.1	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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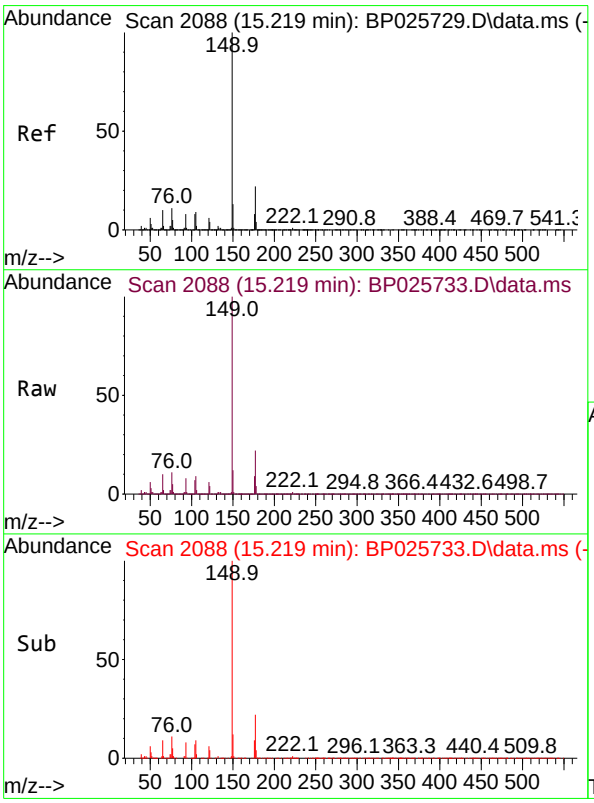
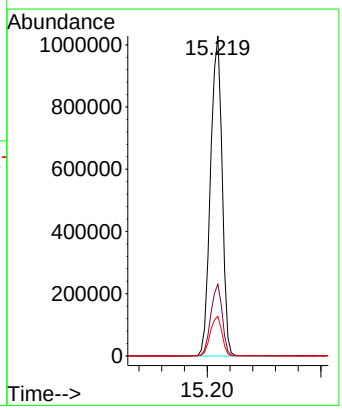
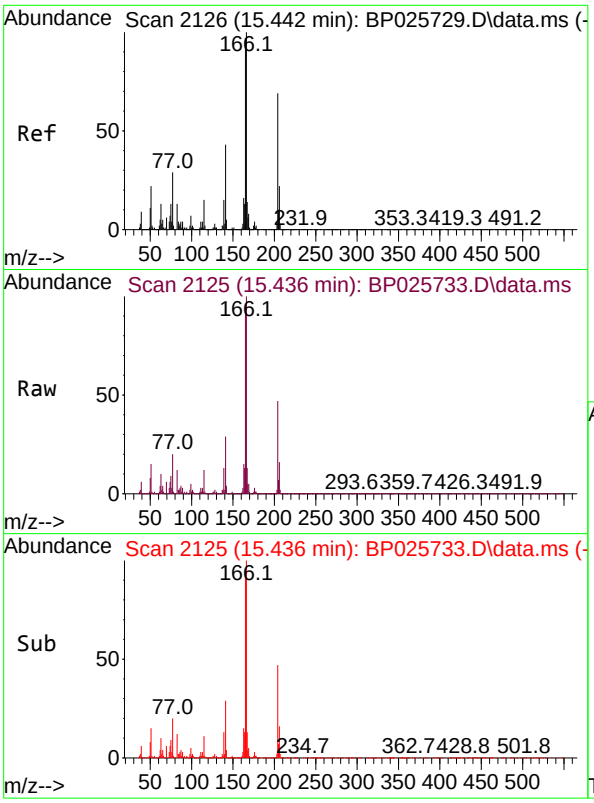


#60
Diethylphthalate
Concen: 49.018 ng
RT: 15.219 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:149 Resp: 1459705

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.7	26.5
150	12.4	10.0	15.0

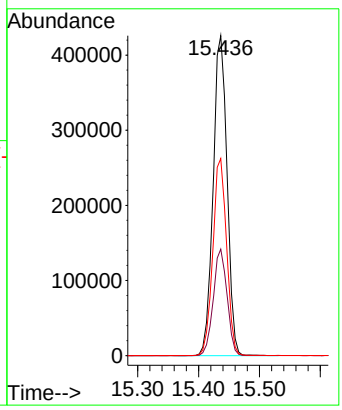




#61
4-Chlorophenyl-phenylether
Concen: 48.790 ng
RT: 15.436 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:204 Resp: 67670

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.0	39.0
141	61.6	49.7	74.5



Instrument :
BNA_P
ClientSampleId :
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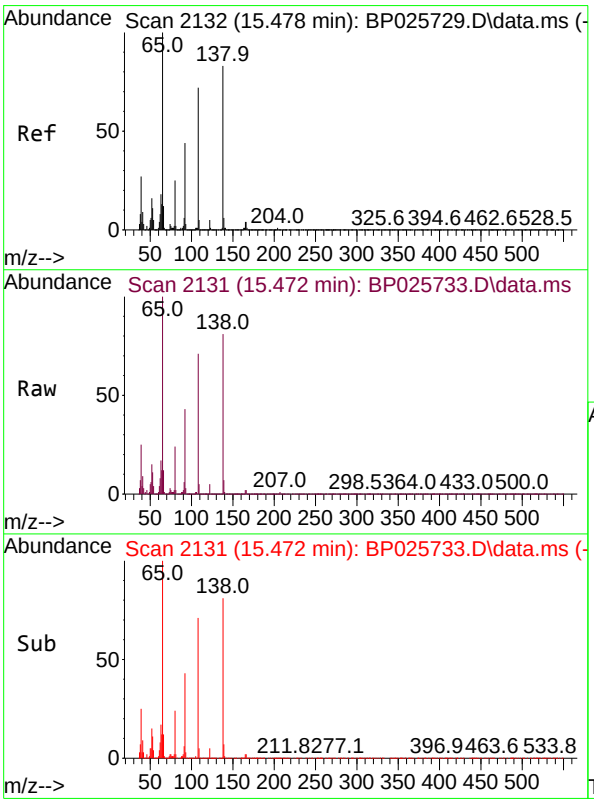
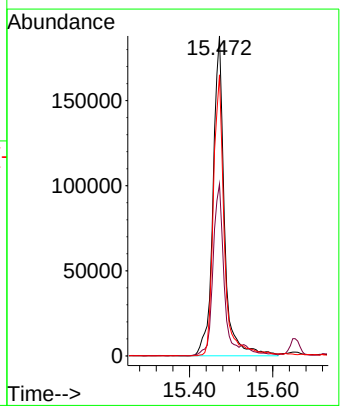
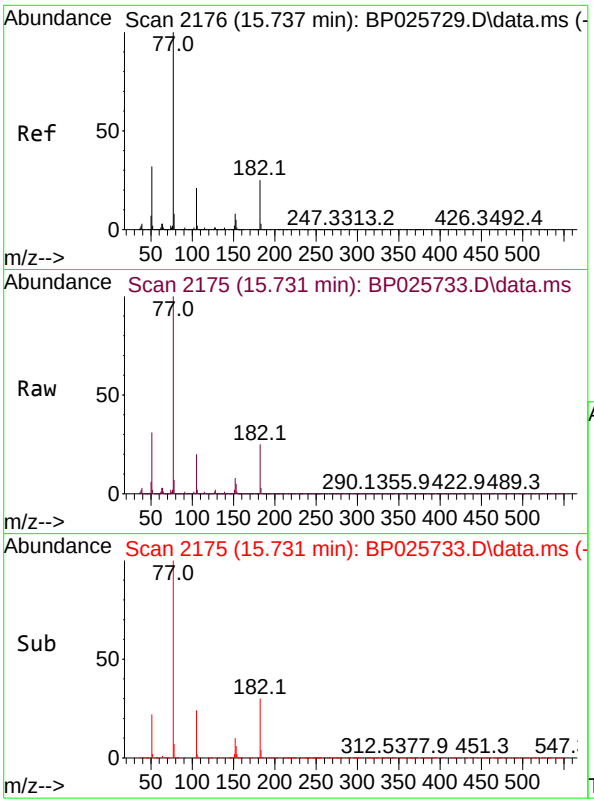


#62
4-Nitroaniline
Concen: 53.605 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:138 Resp: 358915

Ion	Ratio	Lower	Upper
138	100		
92	53.7	33.3	73.3
108	87.8	66.7	106.7

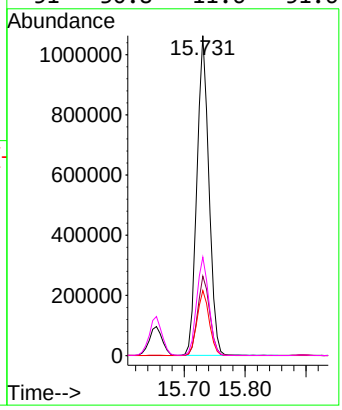




#63
Azobenzene
Concen: 50.428 ng
RT: 15.731 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 77 Resp: 145202

Ion	Ratio	Lower	Upper
77	100		
182	24.8	5.2	45.2
105	20.3	1.1	41.1
51	30.8	11.6	51.6



Instrument :
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ClientSampleId :
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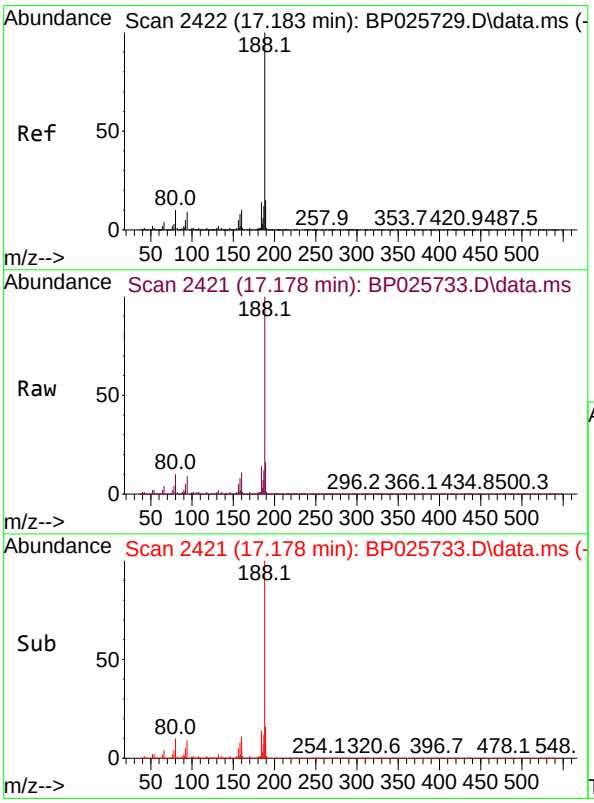
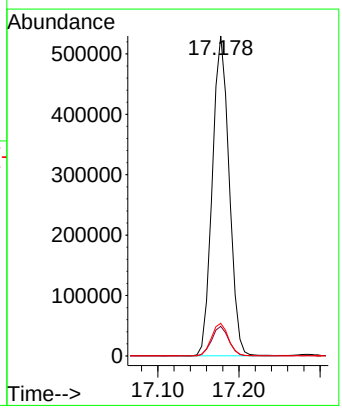
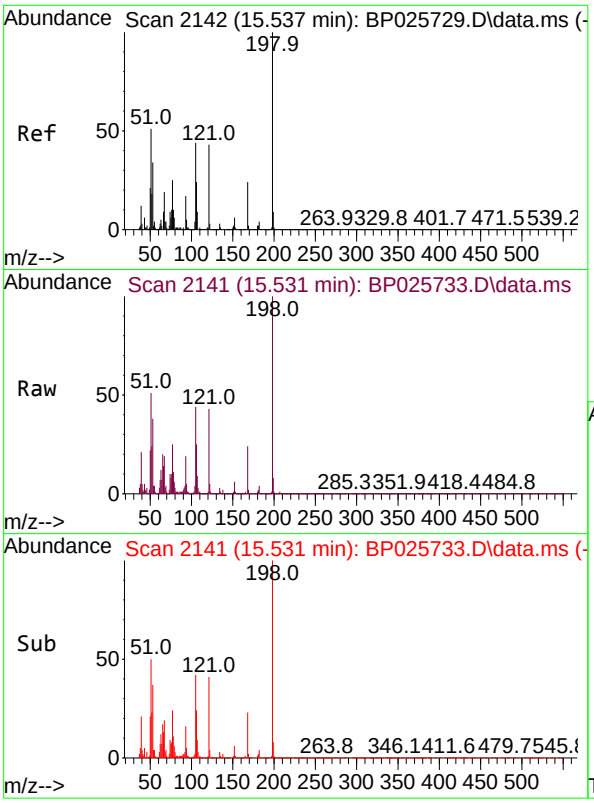


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:188 Resp: 764105

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.0
80	10.2	7.7	11.5

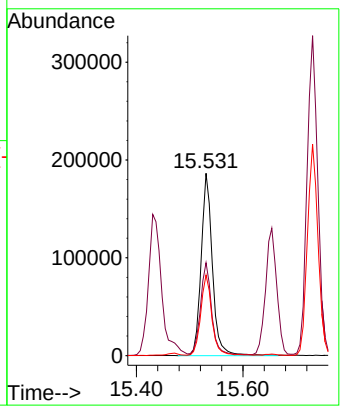




#65
4,6-Dinitro-2-methylphenol
Concen: 53.609 ng
RT: 15.531 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:198 Resp: 272418

Ion	Ratio	Lower	Upper
198	100		
51	50.9	33.4	73.4
105	44.2	24.3	64.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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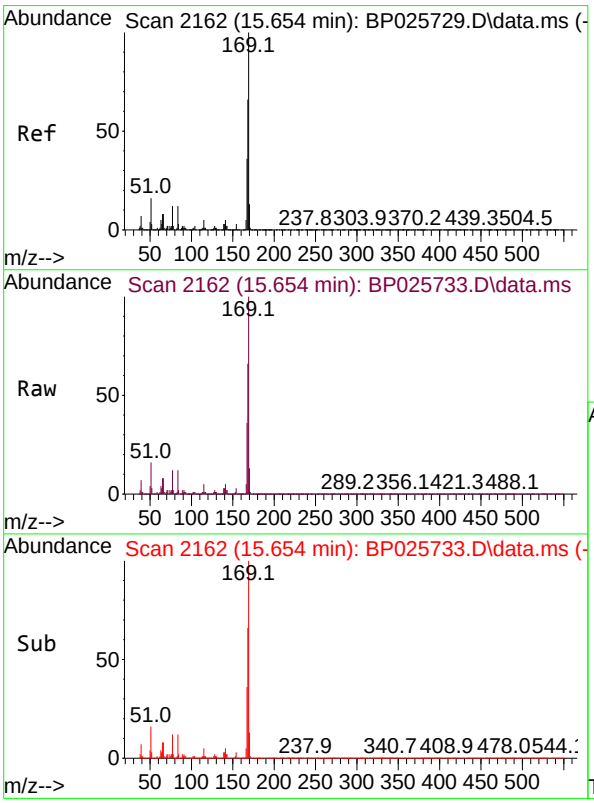
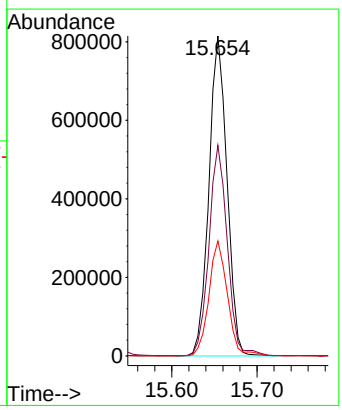
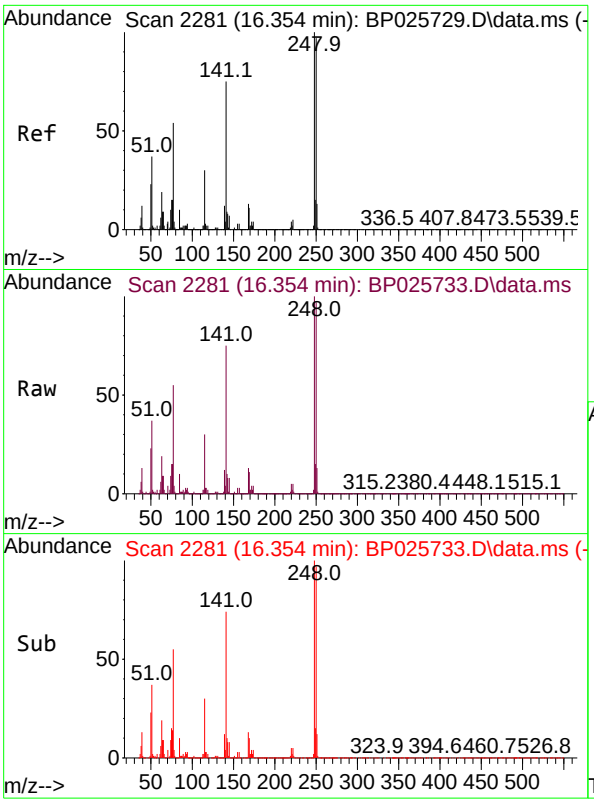


#66
n-Nitrosodiphenylamine
Concen: 51.304 ng
RT: 15.654 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:169 Resp: 1199673

Ion	Ratio	Lower	Upper
169	100		
168	65.8	52.6	78.8
167	35.9	28.5	42.7

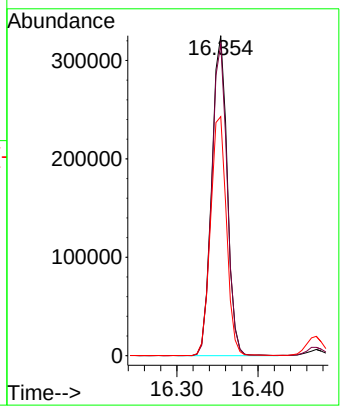




#67
4-Bromophenyl-phenylether
Concen: 51.458 ng
RT: 16.354 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:248 Resp: 43196

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.5	116.3
141	74.7	60.2	90.4



Instrument :
BNA_P
ClientSampleId :
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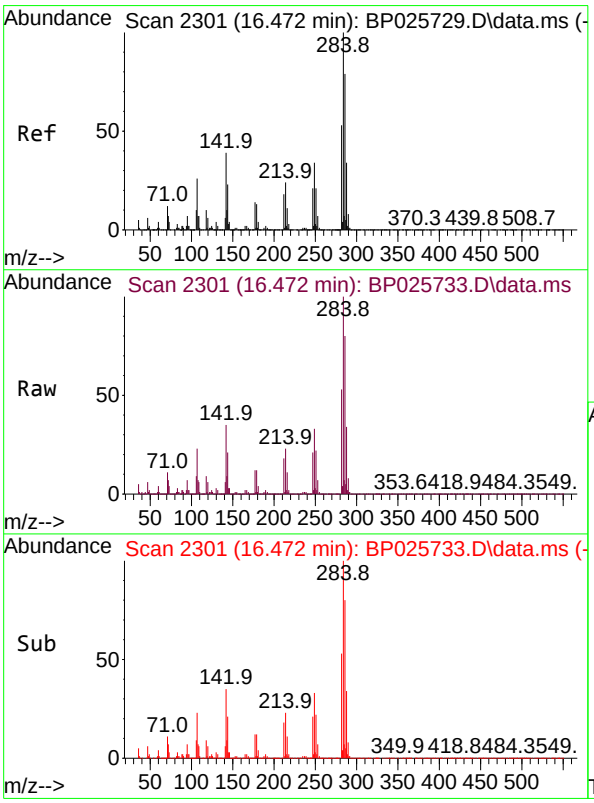
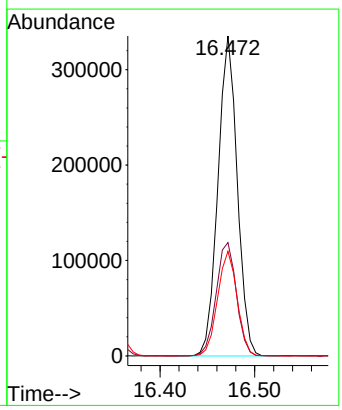
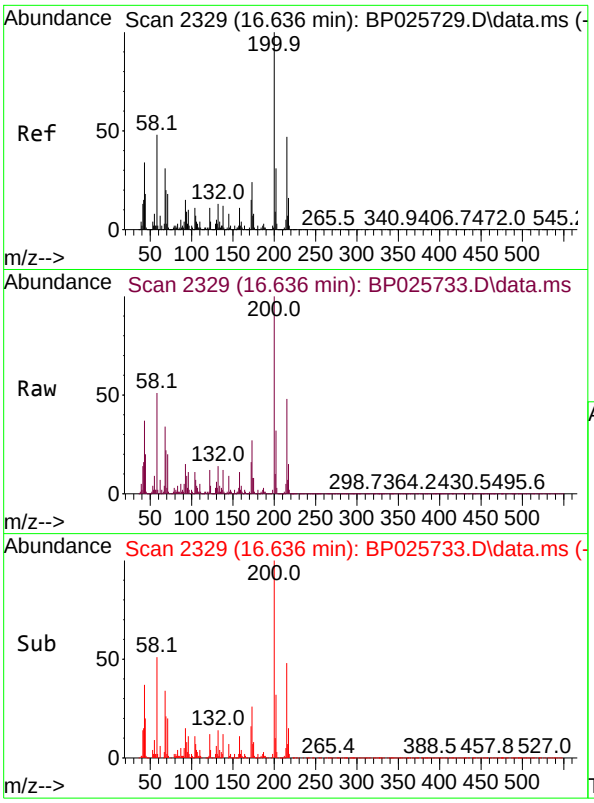


#68
Hexachlorobenzene
Concen: 50.667 ng
RT: 16.472 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:284 Resp: 474297

Ion	Ratio	Lower	Upper
284	100		
142	35.4	31.3	46.9
249	32.7	27.3	40.9

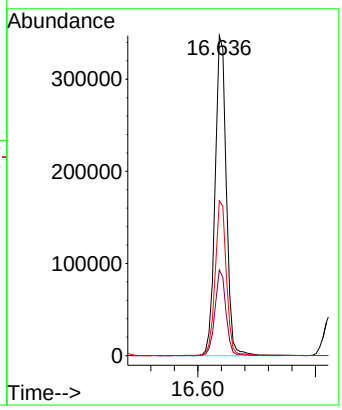




#69
Atrazine
Concen: 51.256 ng
RT: 16.636 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:200 Resp: 45814

Ion	Ratio	Lower	Upper
200	100		
173	26.8	4.2	44.2
215	48.4	27.3	67.3



Instrument :
BNA_P
ClientSampleId :
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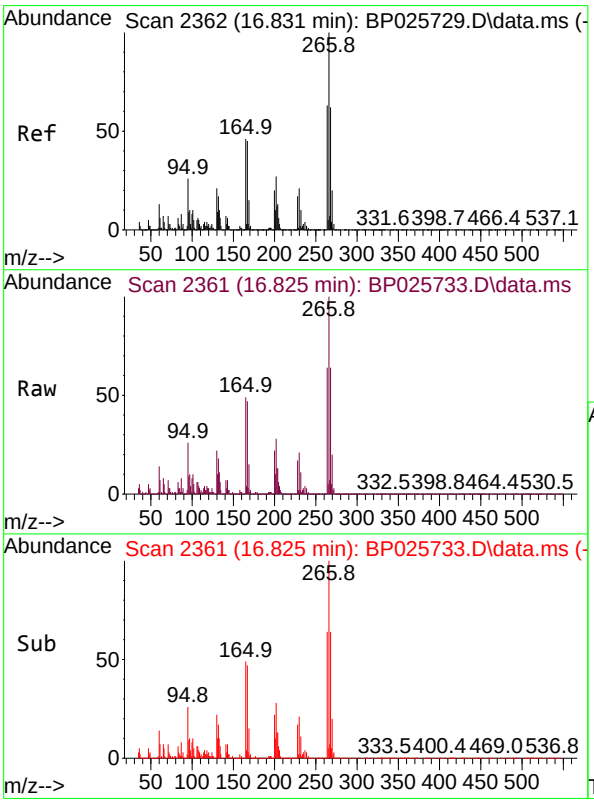
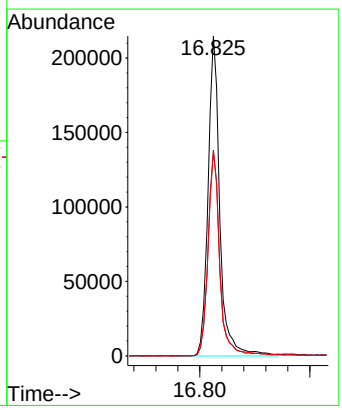
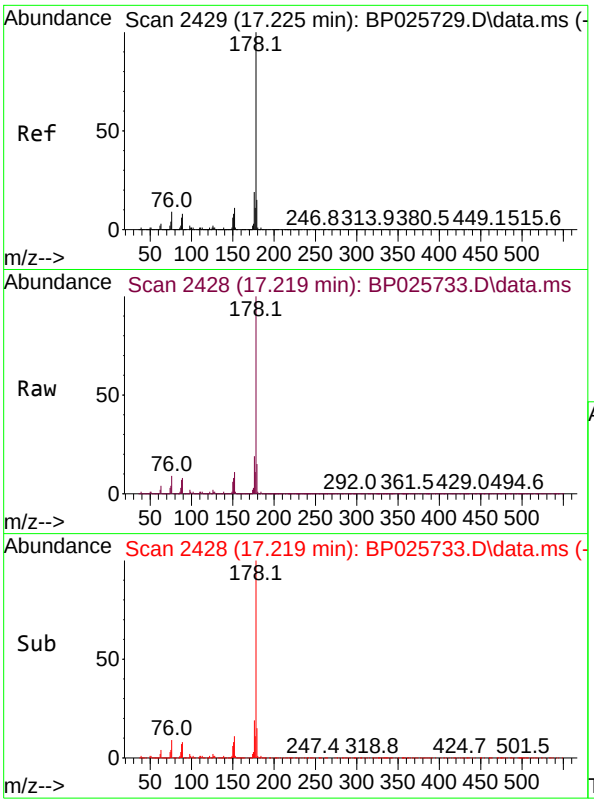


#70
Pentachlorophenol
Concen: 51.487 ng
RT: 16.825 min Scan# 2361
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:266 Resp: 318100

Ion	Ratio	Lower	Upper
266	100		
268	64.3	49.8	74.8
264	63.9	50.2	75.2





#71
Phenanthrene
Concen: 49.858 ng
RT: 17.219 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:178 Resp: 216106

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.3	12.2	18.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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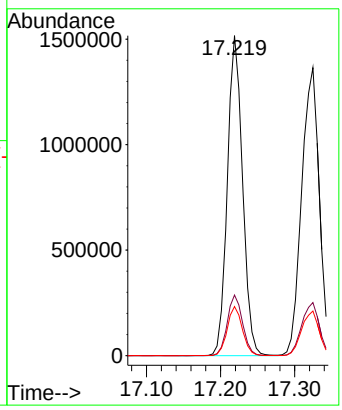
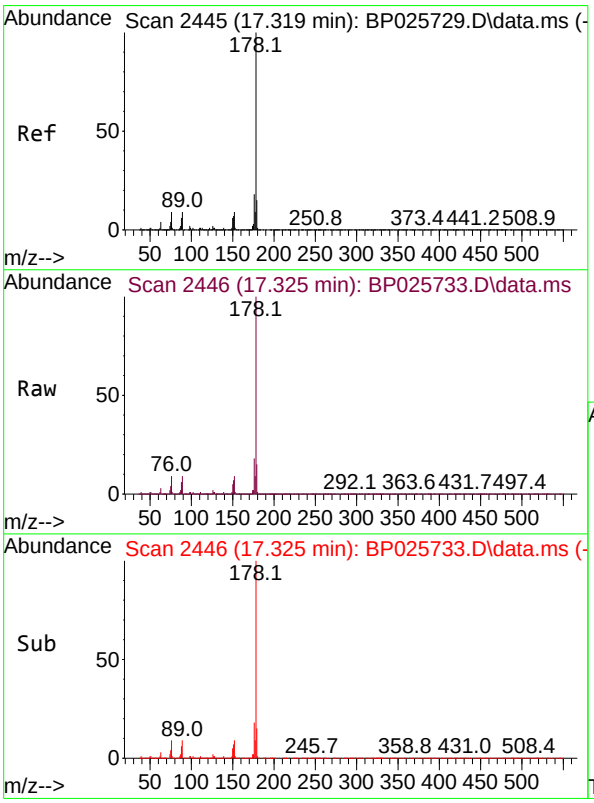
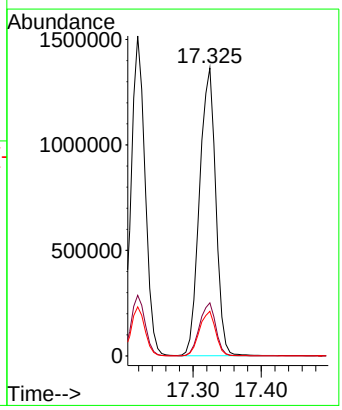


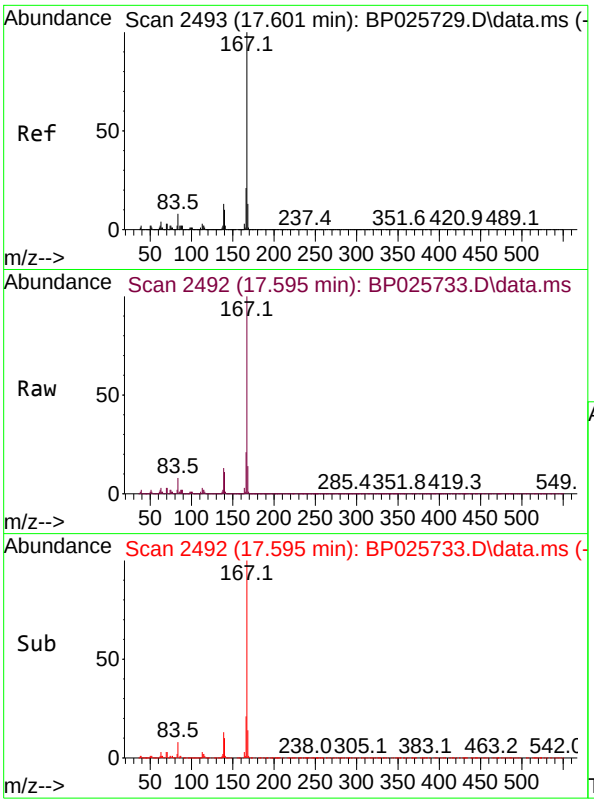


#72
Anthracene
Concen: 51.395 ng
RT: 17.325 min Scan# 2446
Delta R.T. 0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:178 Resp: 2260277

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.5	12.2	18.4

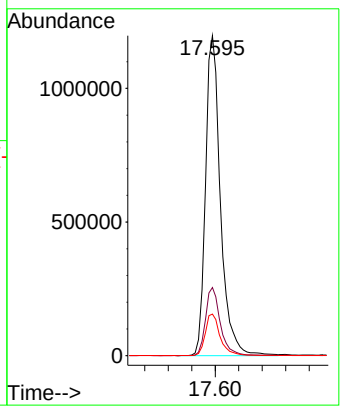




#73
Carbazole
Concen: 51.629 ng
RT: 17.595 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:167 Resp: 211092

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.4
139	13.0	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
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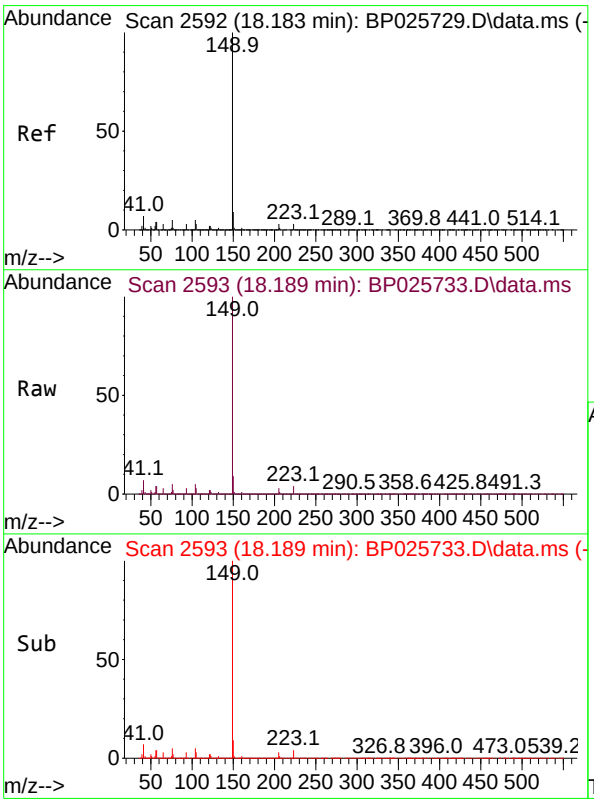
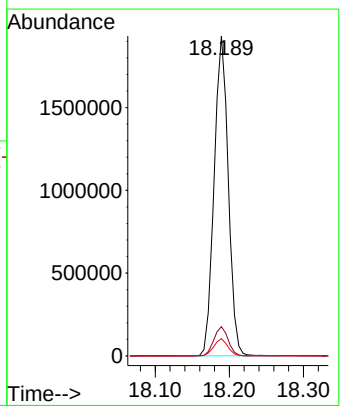
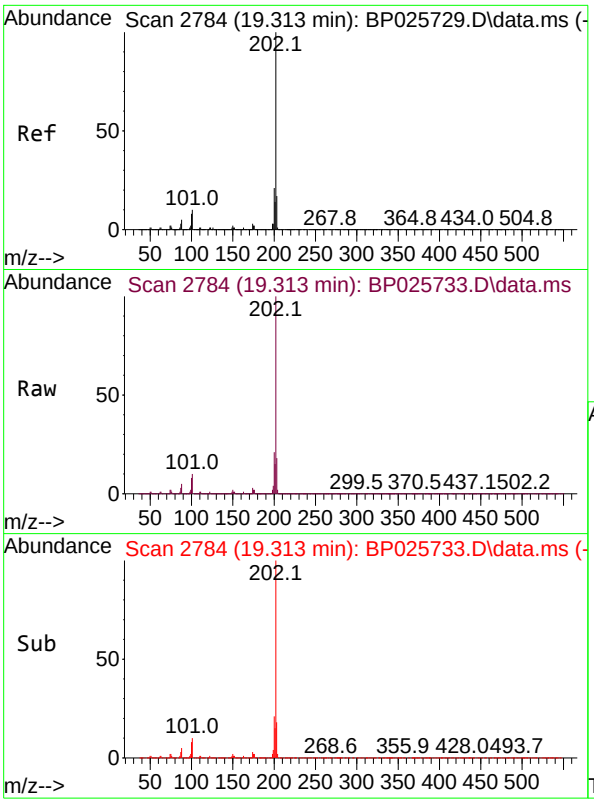


#74
Di-n-butylphthalate
Concen: 50.995 ng
RT: 18.189 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:149 Resp: 2558689

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.4	4.3	6.5





#75
Fluoranthene
Concen: 49.638 ng
RT: 19.313 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:202 Resp: 258036

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.4
203	17.6	0.0	37.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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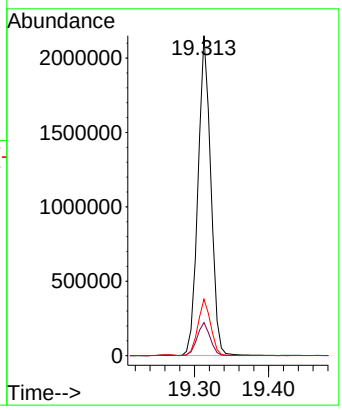
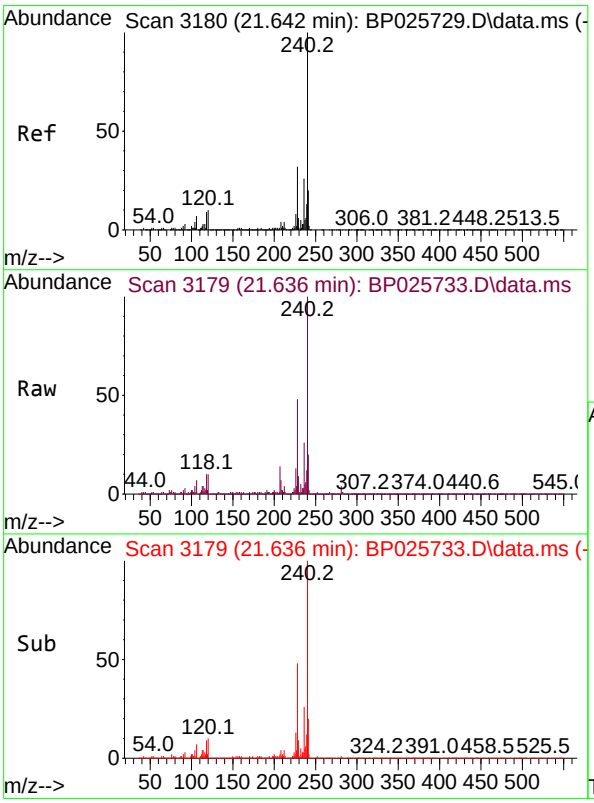
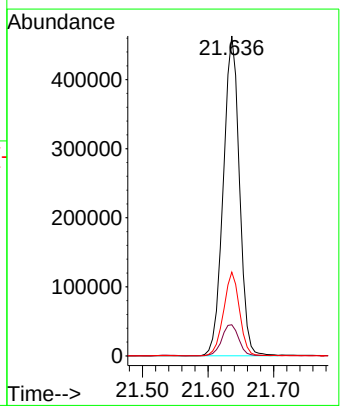


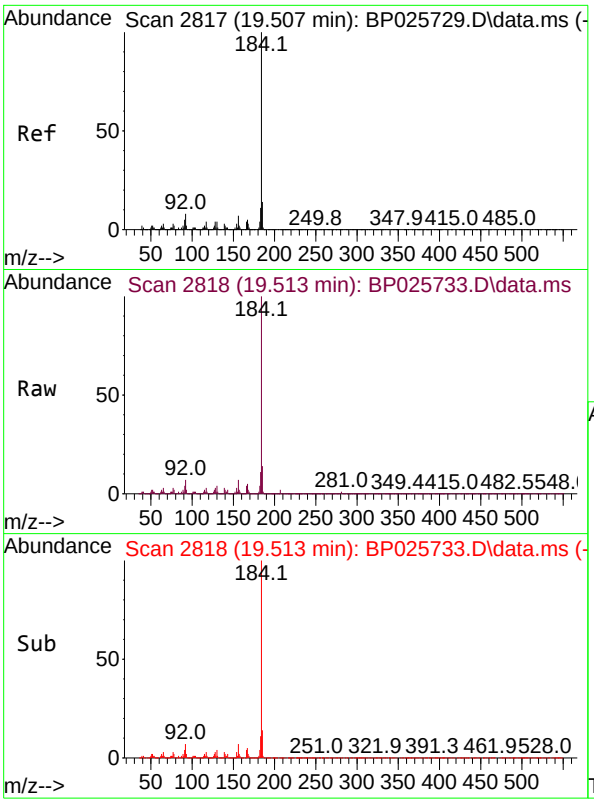


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:240 Resp: 796095

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.0	12.0
236	26.2	20.7	31.1

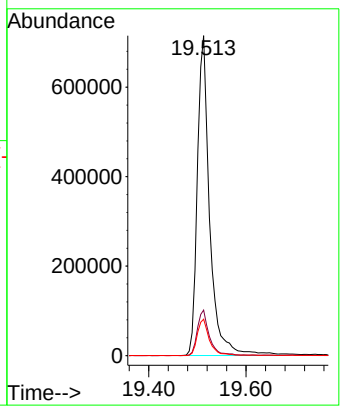




#77
Benzidine
Concen: 54.762 ng
RT: 19.513 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:184 Resp: 125579

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.4	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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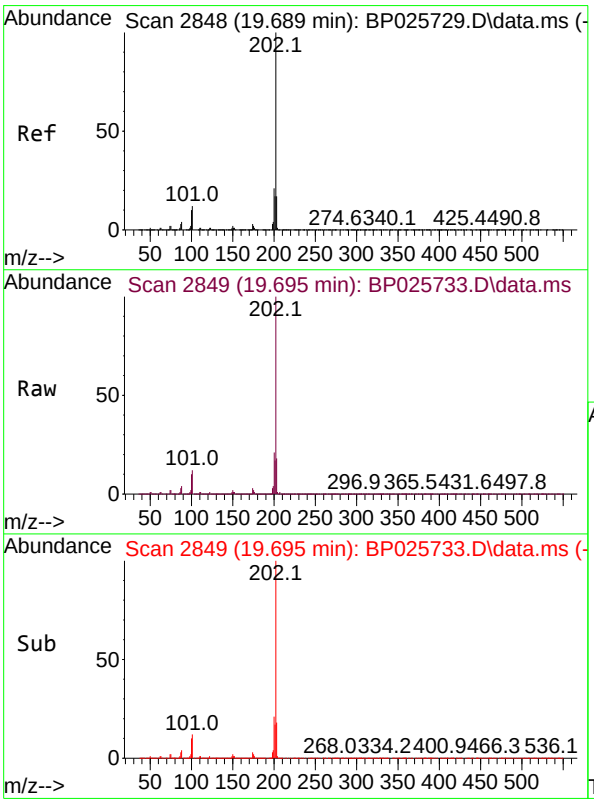
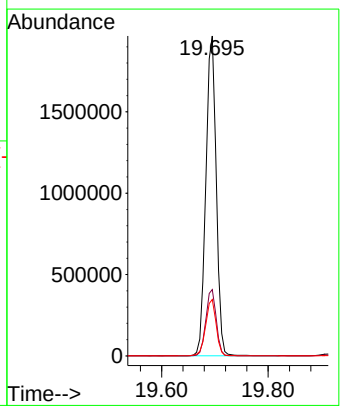
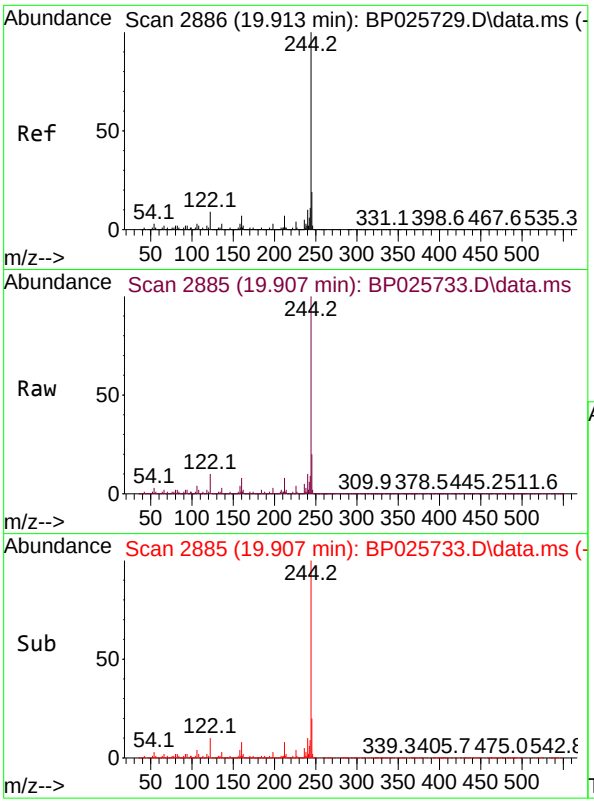


#78
Pyrene
Concen: 50.083 ng
RT: 19.695 min Scan# 2849
Delta R.T. 0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:202 Resp: 2660397

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.6
203	17.6	13.9	20.9

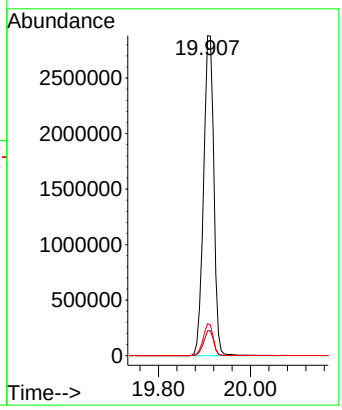




#79
Terphenyl-d14
Concen: 99.962 ng
RT: 19.907 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:244 Resp: 442358

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	10.0	7.1	10.7



Instrument :
BNA_P
ClientSampleId :
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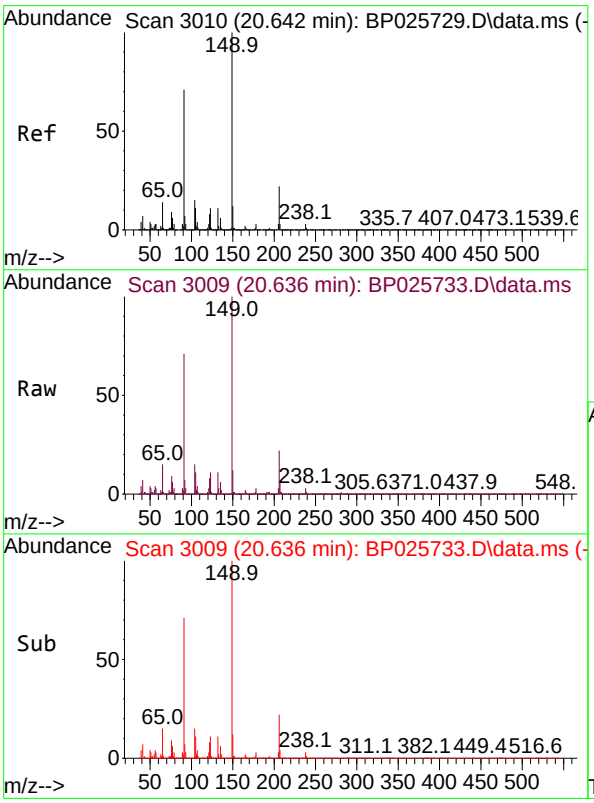
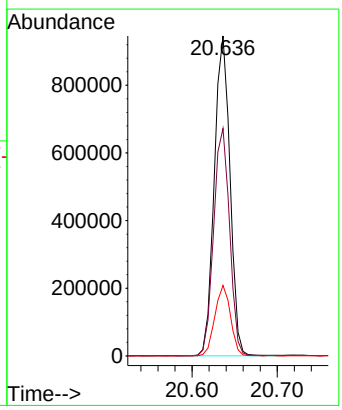
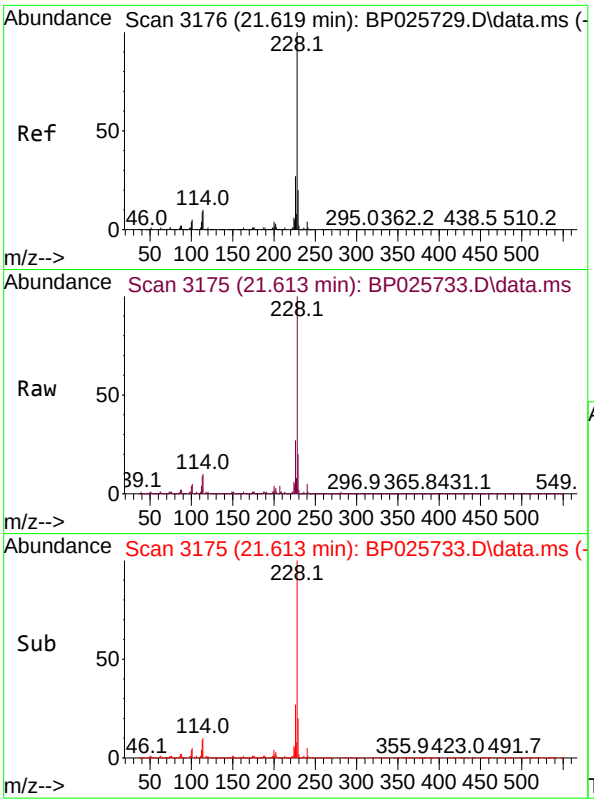


#80
Butylbenzylphthalate
Concen: 51.926 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:149 Resp: 1209410

Ion	Ratio	Lower	Upper
149	100		
91	71.1	56.6	85.0
206	22.0	17.4	26.0

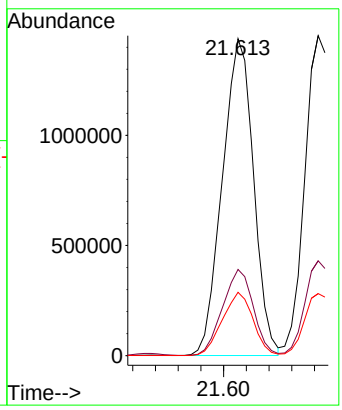




#81
Benzo(a)anthracene
Concen: 50.315 ng
RT: 21.613 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:228 Resp: 274227

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.6	32.4
229	20.0	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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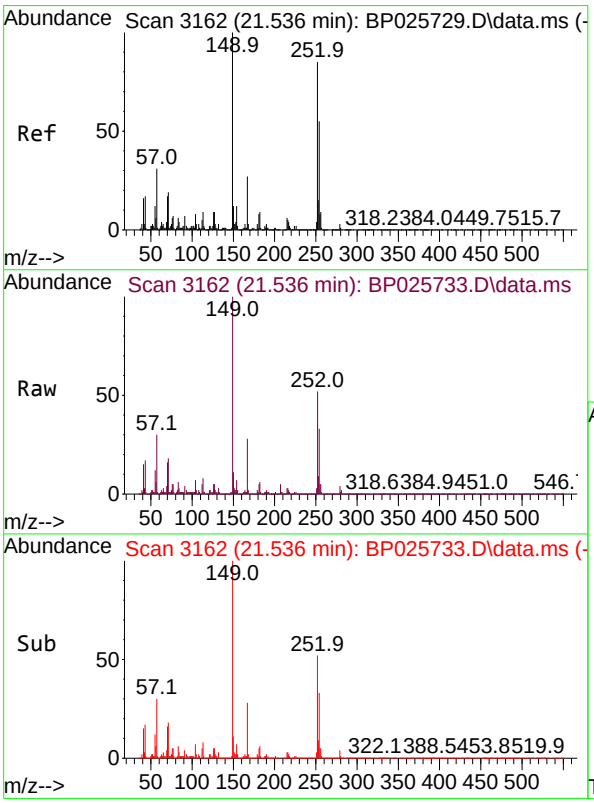
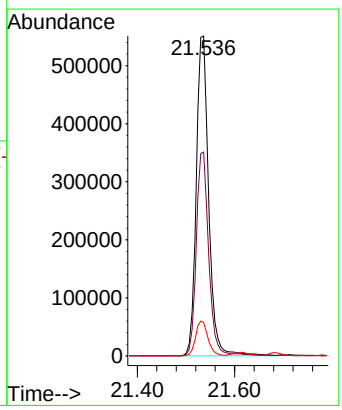
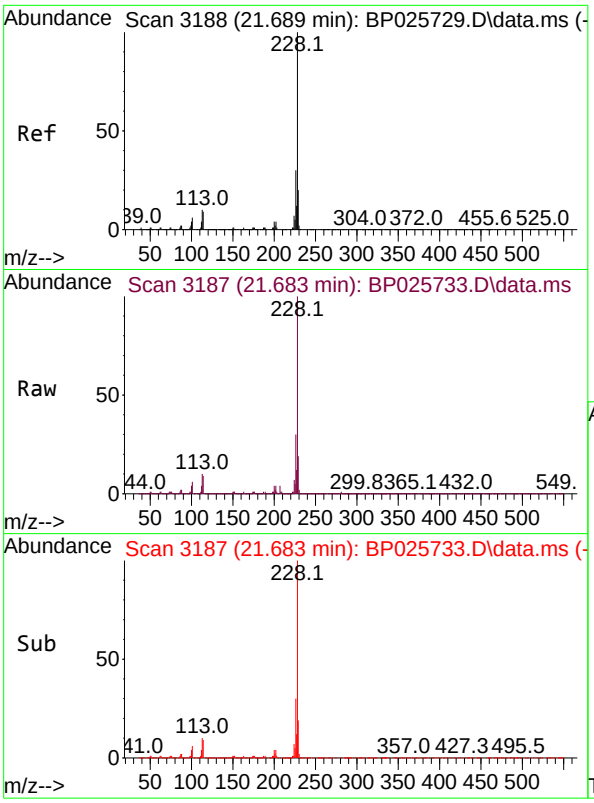


#82
3,3'-Dichlorobenzidine
Concen: 51.559 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:252 Resp: 971634

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.4	77.0
126	10.4	8.3	12.5

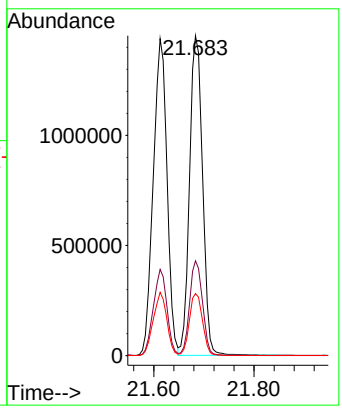




#83
Chrysene
Concen: 50.434 ng
RT: 21.683 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:228 Resp: 262024

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	19.4	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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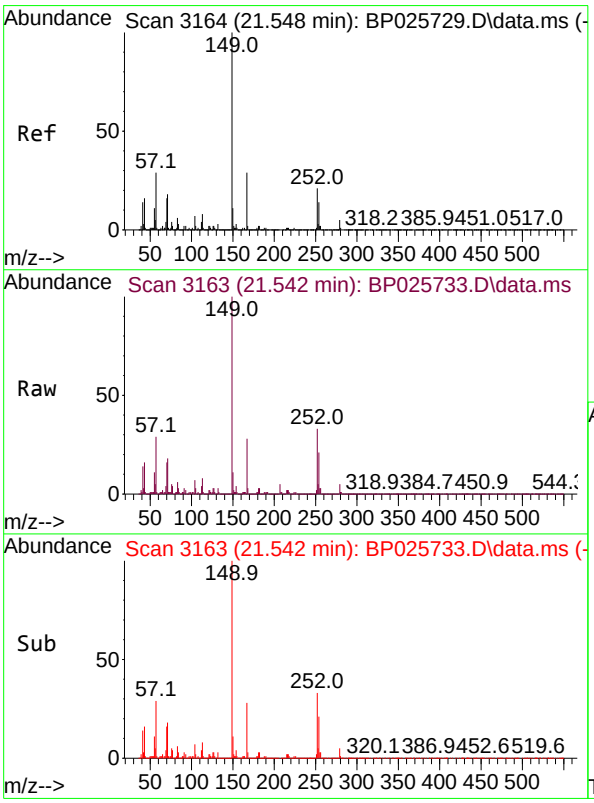
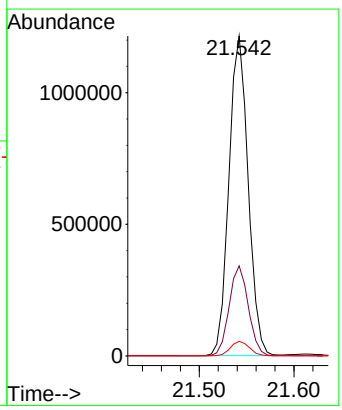
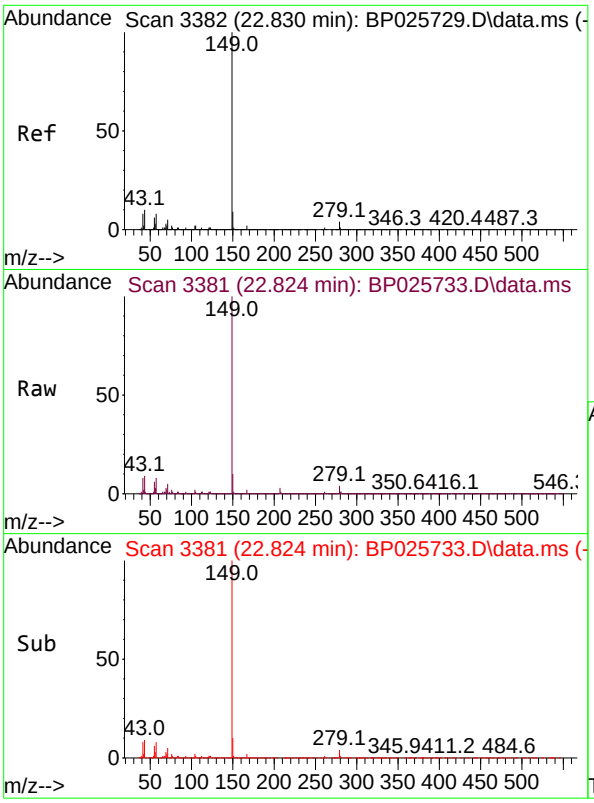


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.312 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:149 Resp: 1714419

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.9	34.3
279	4.5	3.8	5.8

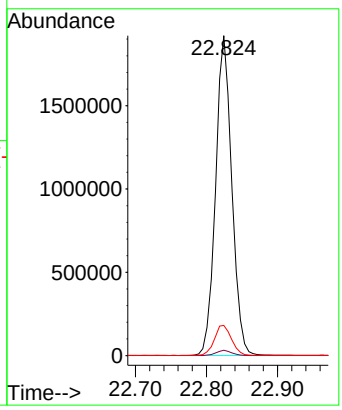




#85
Di-n-octyl phthalate
Concen: 50.273 ng
RT: 22.824 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:149 Resp: 3047268

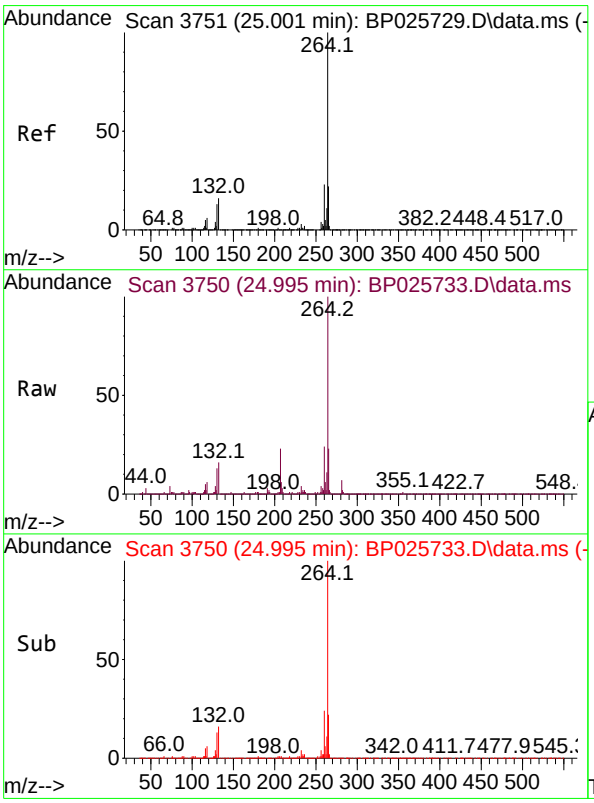
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.0	8.0	12.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

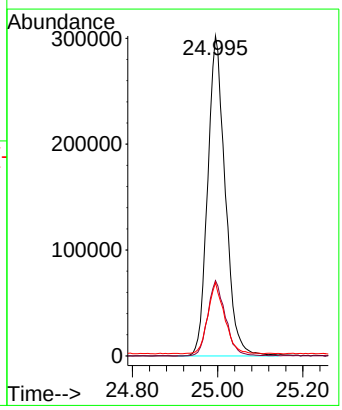
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

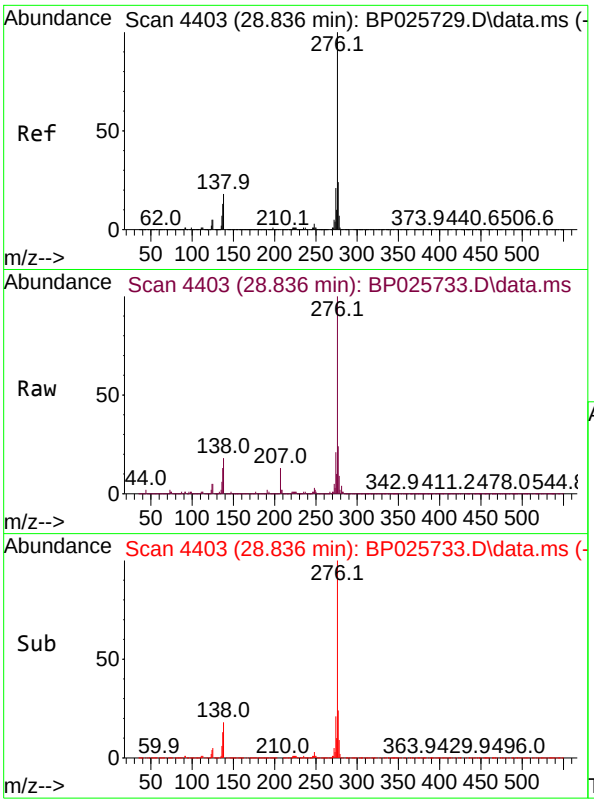


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:264 Resp: 864239

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	23.0	17.3	25.9

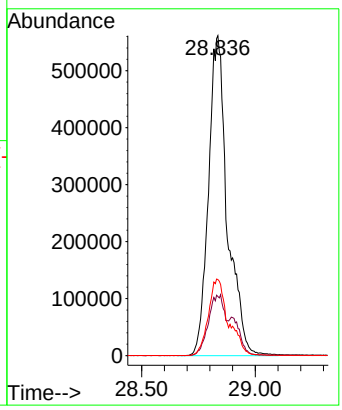




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.778 ng
RT: 28.836 min Scan# 44
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:276 Resp: 325418

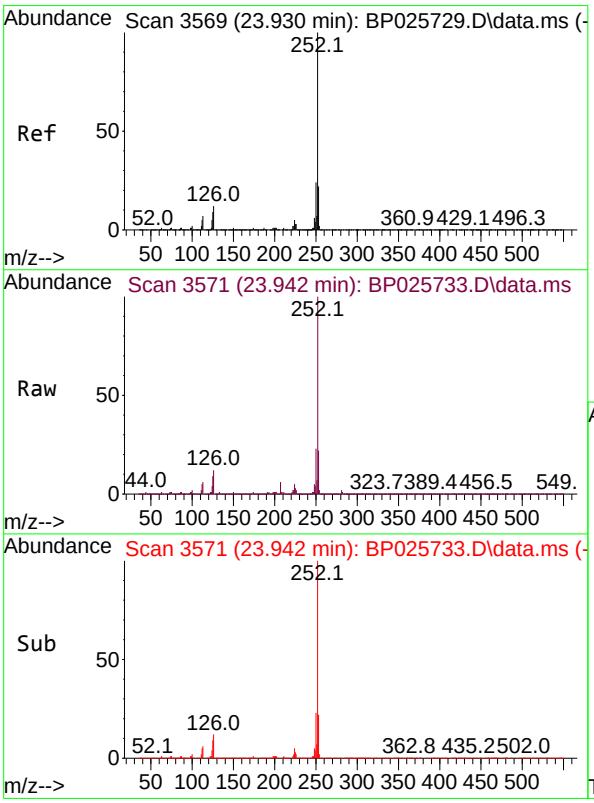
Ion	Ratio	Lower	Upper
276	100		
138	17.0	13.4	20.2
277	25.4	9.1	13.7#



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

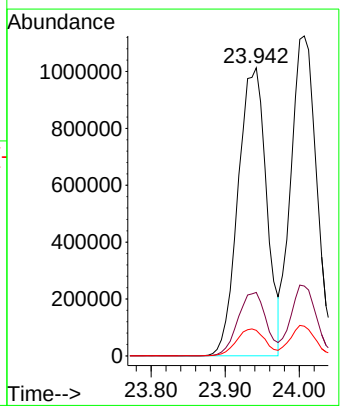
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

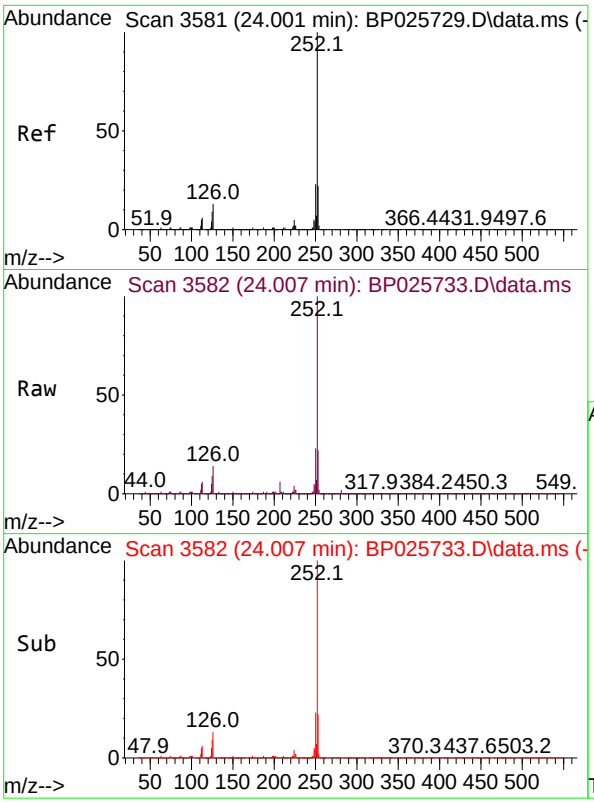


#88
Benzo(b)fluoranthene
Concen: 51.169 ng
RT: 23.942 min Scan# 3571
Delta R.T. 0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:252 Resp: 2704281

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	8.9	7.3	10.9

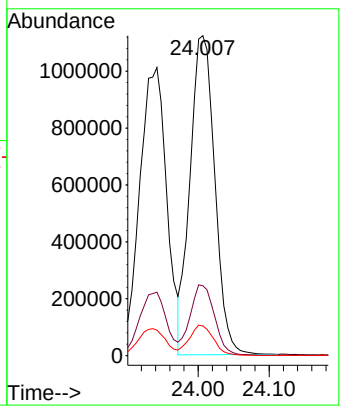




#89
Benzo(k)fluoranthene
Concen: 50.407 ng
RT: 24.007 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:252 Resp: 271843

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.3	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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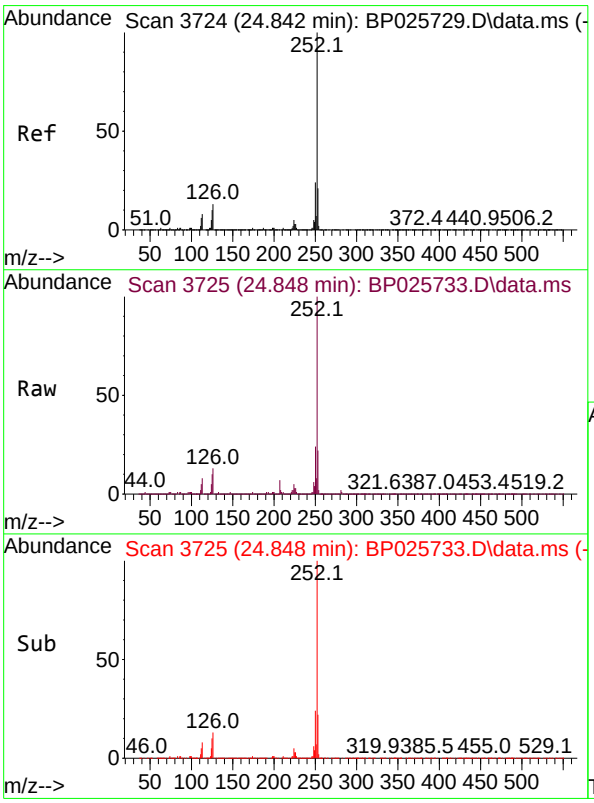
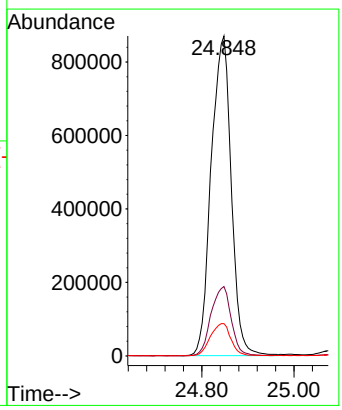
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

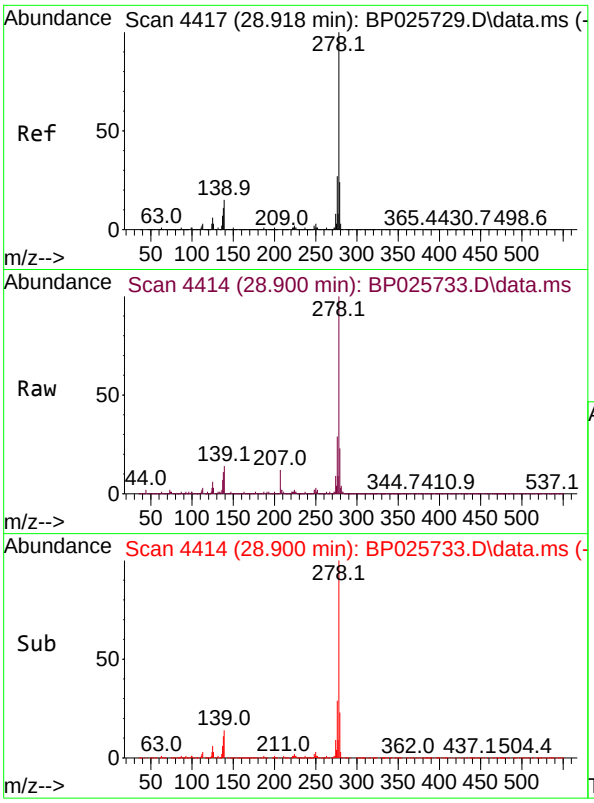


#90
Benzo(a)pyrene
Concen: 50.954 ng
RT: 24.848 min Scan# 3725
Delta R.T. 0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:252 Resp: 2637187

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.1	8.3	12.5

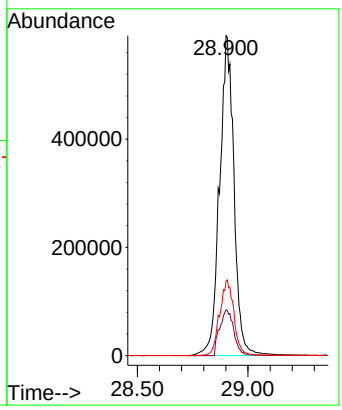




#91
Dibenzo(a,h)anthracene
Concen: 52.067 ng
RT: 28.900 min Scan# 44
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:278 Resp: 267788

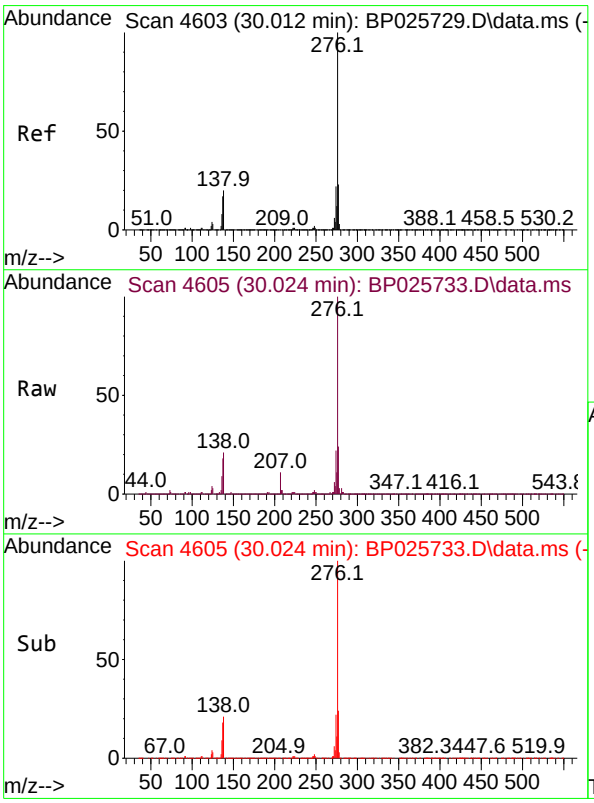
Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.1	18.1
279	23.4	19.6	29.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

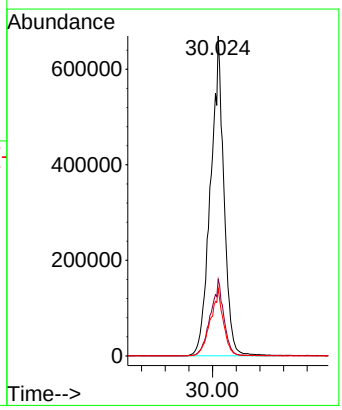
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#92
Benzo(g,h,i)perylene
Concen: 51.692 ng
RT: 30.024 min Scan# 4605
Delta R.T. 0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:276 Resp: 2614577

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	21.1	16.0	24.0



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.754	152	124267	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	536934	20.000	ng		0.00
39) Acenaphthene-d10	14.378	164	375383	20.000	ng		0.00
64) Phenanthrene-d10	17.183	188	771844	20.000	ng		0.00
76) Chrysene-d12	21.636	240	780297	20.000	ng		0.00
86) Perylene-d12	25.006	264	833580	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.372	112	602093	78.179	ng		-0.01
7) Phenol-d6	6.937	99	816056	79.719	ng		-0.01
23) Nitrobenzene-d5	8.895	82	840657	69.063	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	359192	76.715	ng		-0.01
45) 2-Fluorobiphenyl	12.989	172	1948137	69.102	ng		0.00
79) Terphenyl-d14	19.913	244	3054578	70.424	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.302	88	122286	37.832	ng		97
3) Pyridine	3.702	79	354452	39.824	ng		98
4) n-Nitrosodimethylamine	3.608	42	165978	39.520	ng		97
6) Aniline	7.084	93	582343	41.441	ng		99
8) 2-Chlorophenol	7.325	128	347453	41.125	ng		99
9) Benzaldehyde	6.907	77	259870m	42.354	ng		
10) Phenol	6.966	94	446406	41.357	ng		99
11) bis(2-Chloroethyl)ether	7.178	93	354776	40.910	ng		97
12) 1,3-Dichlorobenzene	7.643	146	388972	40.451	ng		99
13) 1,4-Dichlorobenzene	7.784	146	395520	40.380	ng		99
14) 1,2-Dichlorobenzene	8.101	146	380347	39.971	ng		98
15) Benzyl Alcohol	7.990	79	350290	41.411	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.266	45	582311	41.060	ng		100
17) 2-Methylphenol	8.196	107	307102	42.200	ng		99
18) Hexachloroethane	8.819	117	151554	40.508	ng		97
19) n-Nitroso-di-n-propyla...	8.548	70	312448	43.761	ng		99
20) 3+4-Methylphenols	8.519	107	419059	41.117	ng		99
22) Acetophenone	8.566	105	589415	41.077	ng	#	99
24) Nitrobenzene	8.937	77	442005	40.477	ng		98
25) Isophorone	9.466	82	867997	40.570	ng		99
26) 2-Nitrophenol	9.643	139	203715	42.019	ng		98
27) 2,4-Dimethylphenol	9.707	122	353536	41.566	ng		100
28) bis(2-Chloroethoxy)met...	9.931	93	506887	40.986	ng		100
29) 2,4-Dichlorophenol	10.184	162	351168	41.410	ng		99
30) 1,2,4-Trichlorobenzene	10.390	180	377799	39.530	ng		97
31) Naphthalene	10.572	128	1147015	39.618	ng		100
32) Benzoic acid	9.866	122	261084	41.287	ng		99
33) 4-Chloroaniline	10.690	127	511290	42.370	ng		99
34) Hexachlorobutadiene	10.854	225	240927	39.159	ng		100
35) Caprolactam	11.478	113	129656	39.662	ng		97
36) 4-Chloro-3-methylphenol	11.819	107	414385	40.986	ng		96
37) 2-Methylnaphthalene	12.184	142	751182	40.396	ng		98
38) 1-Methylnaphthalene	12.401	142	804402	40.566	ng		100
40) 1,2,4,5-Tetrachloroben...	12.554	216	455659	40.058	ng		100
41) Hexachlorocyclopentadiene	12.531	237	251065	40.525	ng		99
43) 2,4,6-Trichlorophenol	12.801	196	311792	41.695	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	335762	40.344	ng		98
46) 1,1'-Biphenyl	13.201	154	1121205	40.692	ng		100
47) 2-Chloronaphthalene	13.242	162	849751	39.167	ng		99
48) 2-Nitroaniline	13.454	65	296601	41.012	ng		99
49) Acenaphthylene	14.101	152	1431405	39.820	ng		100
50) Dimethylphthalate	13.836	163	1131460	39.480	ng		100
51) 2,6-Dinitrotoluene	13.948	165	245080	40.363	ng		98
52) Acenaphthene	14.454	154	808647	39.008	ng		99
53) 3-Nitroaniline	14.289	138	260323	40.770	ng		99
54) 2,4-Dinitrophenol	14.513	184	139609	38.055	ng		98
55) Dibenzofuran	14.783	168	1329616	39.353	ng		99
56) 4-Nitrophenol	14.619	139	192803	37.582	ng		96
57) 2,4-Dinitrotoluene	14.754	165	353669	40.928	ng		96
58) Fluorene	15.442	166	1043250	38.831	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	297719	39.712	ng		100
60) Diethylphthalate	15.219	149	1163950	40.039	ng		100
61) 4-Chlorophenyl-phenyle...	15.436	204	536069	39.592	ng		97
62) 4-Nitroaniline	15.466	138	272817	41.707	ng		99
63) Azobenzene	15.736	77	1114737	39.657	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	204888	39.916	ng		97
66) n-Nitrosodiphenylamine	15.660	169	939618	39.780	ng		100
67) 4-Bromophenyl-phenylether	16.354	248	339813	40.075	ng		97
68) Hexachlorobenzene	16.472	284	375085	39.667	ng		97
69) Atrazine	16.642	200	364755	40.399	ng		99
70) Pentachlorophenol	16.836	266	248287	39.784	ng		99
71) Phenanthrene	17.224	178	1716732	39.210	ng		99
72) Anthracene	17.319	178	1778123	40.026	ng		100
73) Carbazole	17.601	167	1614641	39.095	ng		100
74) Di-n-butylphthalate	18.189	149	2015320	39.763	ng		100
75) Fluoranthene	19.324	202	2020319	38.475	ng		100
77) Benzidine	19.513	184	735659m	32.730	ng		
78) Pyrene	19.701	202	2122125	40.759	ng		99
80) Butylbenzylphthalate	20.636	149	950670	41.644	ng		98
81) Benzo(a)anthracene	21.612	228	2127849	39.832	ng		100
82) 3,3'-Dichlorobenzidine	21.542	252	705014	38.168	ng		99
83) Chrysene	21.689	228	2042185	40.103	ng		99
84) Bis(2-ethylhexyl)phtha...	21.548	149	1354255	40.547	ng		99
85) Di-n-octyl phthalate	22.836	149	2374831	39.973	ng		100
87) Indeno(1,2,3-cd)pyrene	28.836	276	2435714	40.180	ng	#	84
88) Benzo(b)fluoranthene	23.936	252	2038540	39.991	ng		99
89) Benzo(k)fluoranthene	24.006	252	2155908	41.447	ng		99
90) Benzo(a)pyrene	24.842	252	1988484	39.834	ng		99
91) Dibenzo(a,h)anthracene	28.900	278	2021392	40.748	ng		99
92) Benzo(g,h,i)perylene	30.018	276	1934037	39.644	ng		99

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

ICAL Form

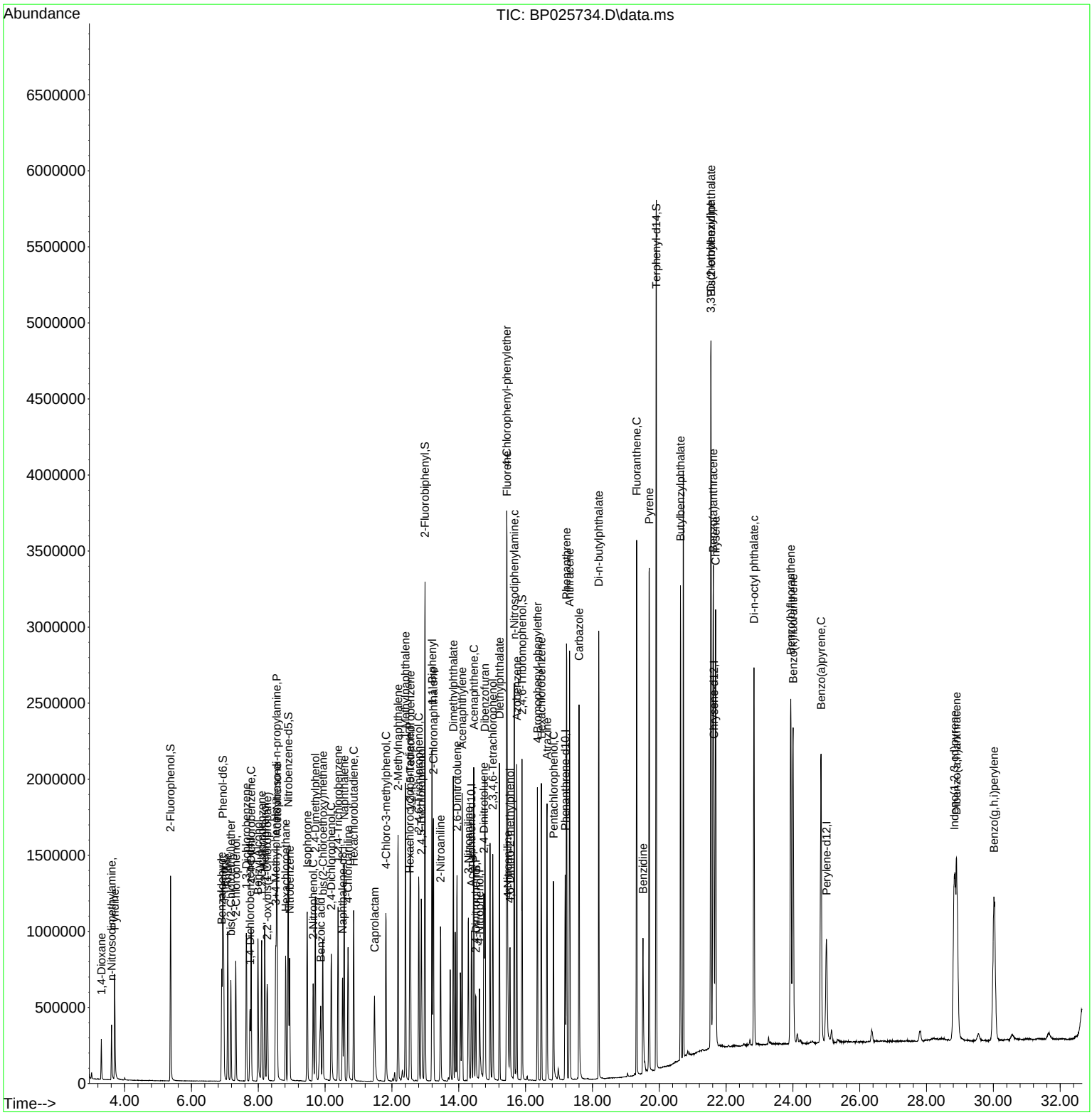
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

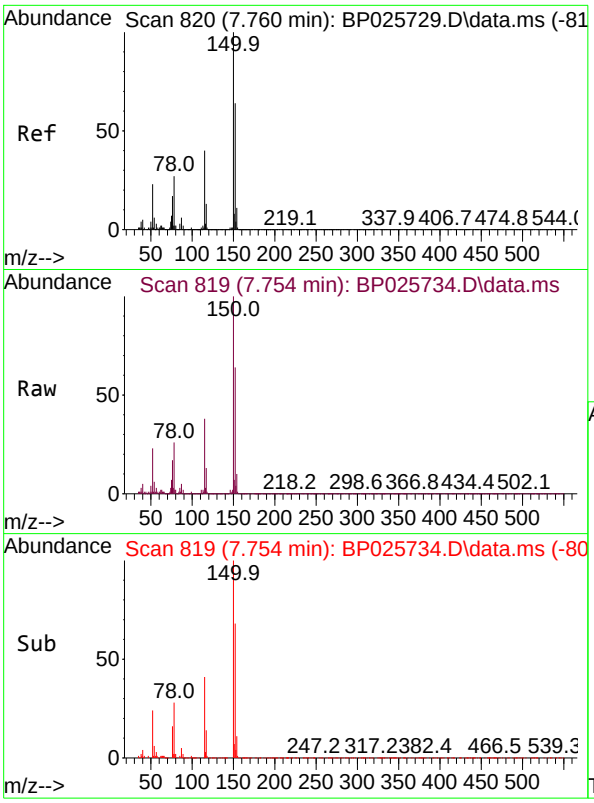
Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

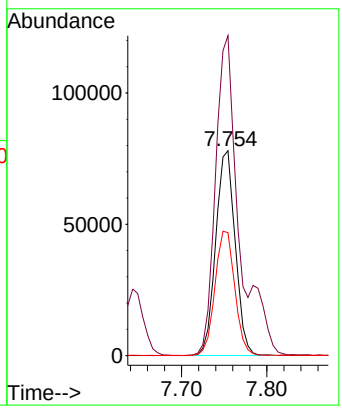




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:152 Resp: 12426

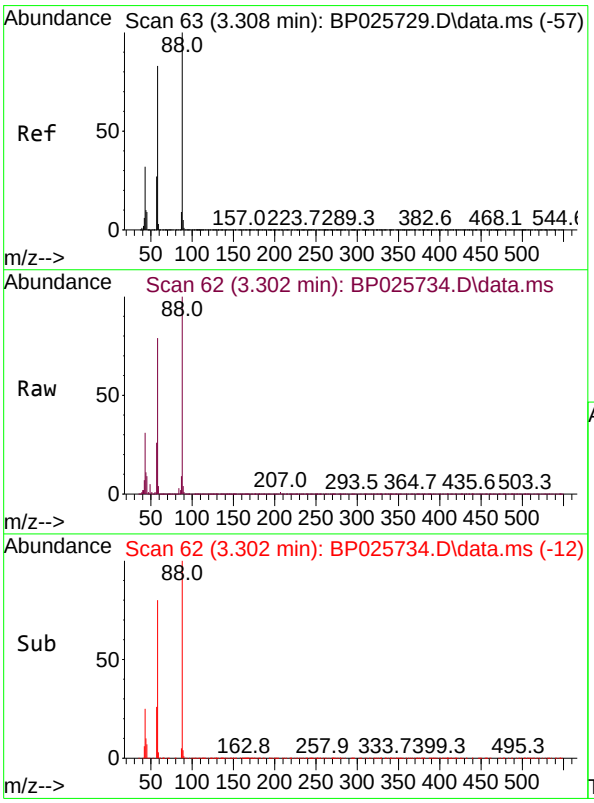
Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.3	186.5
115	60.0	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Manual Integrations
APPROVED

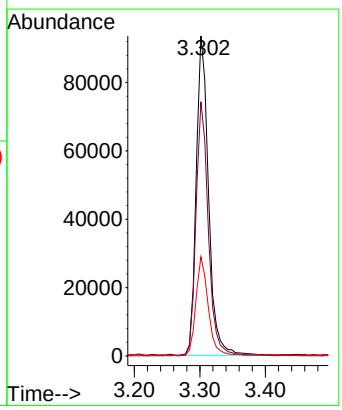
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

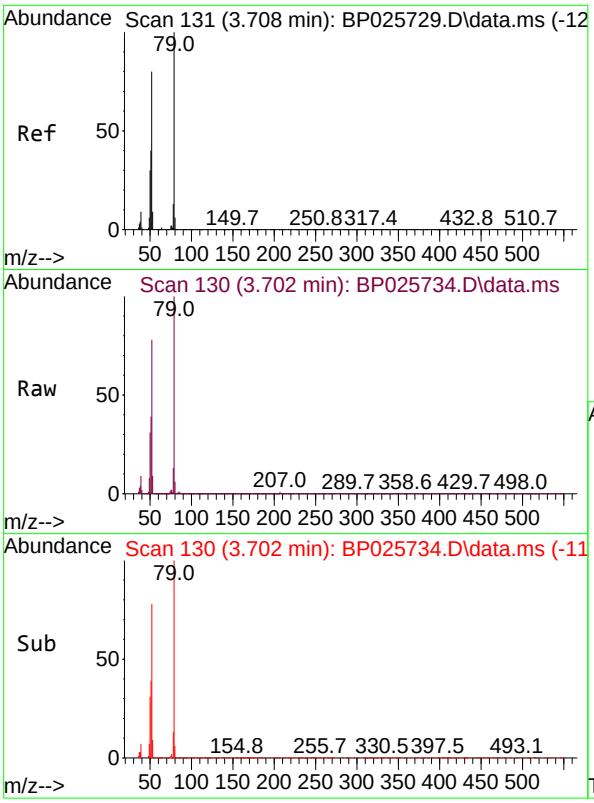


#2
1,4-Dioxane
Concen: 37.832 ng
RT: 3.302 min Scan# 62
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 88 Resp: 122286

Ion	Ratio	Lower	Upper
88	100		
58	79.4	65.5	98.3
43	30.4	25.2	37.8

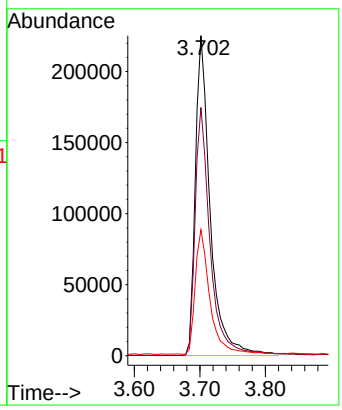




#3
Pyridine
Concen: 39.824 ng
RT: 3.702 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 79 Resp: 35445

Ion	Ratio	Lower	Upper
79	100		
52	77.5	63.7	95.5
51	39.3	32.4	48.6



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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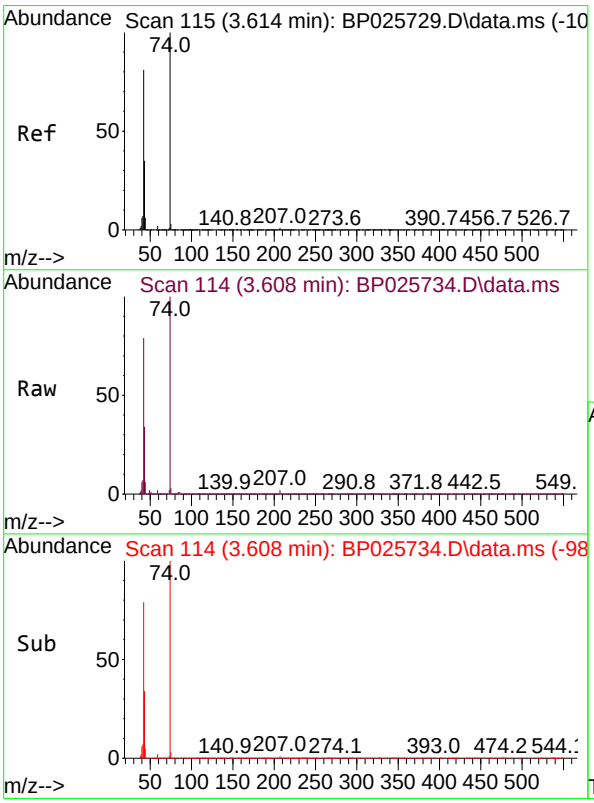
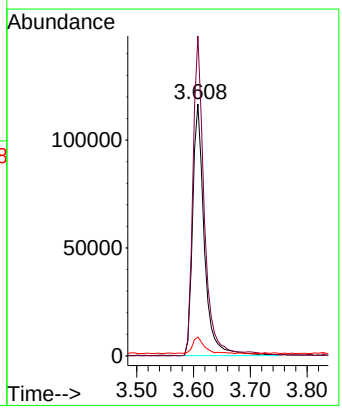
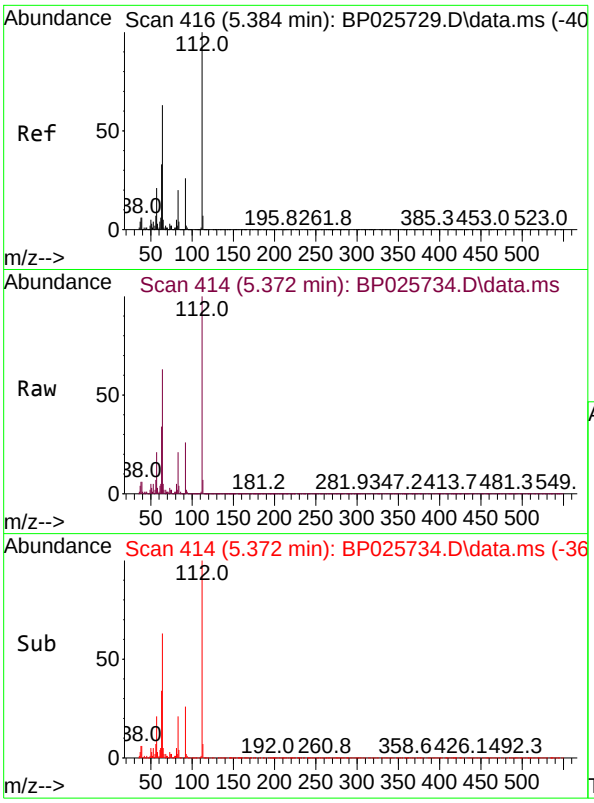


#4
n-Nitrosodimethylamine
Concen: 39.520 ng
RT: 3.608 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 42 Resp: 165978

Ion	Ratio	Lower	Upper
42	100		
74	127.0	99.2	148.8
44	7.5	6.4	9.6

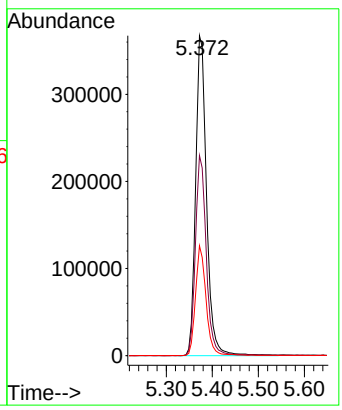




#5
2-Fluorophenol
Concen: 78.179 ng
RT: 5.372 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:112 Resp: 60209

Ion	Ratio	Lower	Upper
112	100		
64	62.5	50.2	75.4
63	34.3	26.7	40.1



Instrument :
BNA_P
ClientSampleId :
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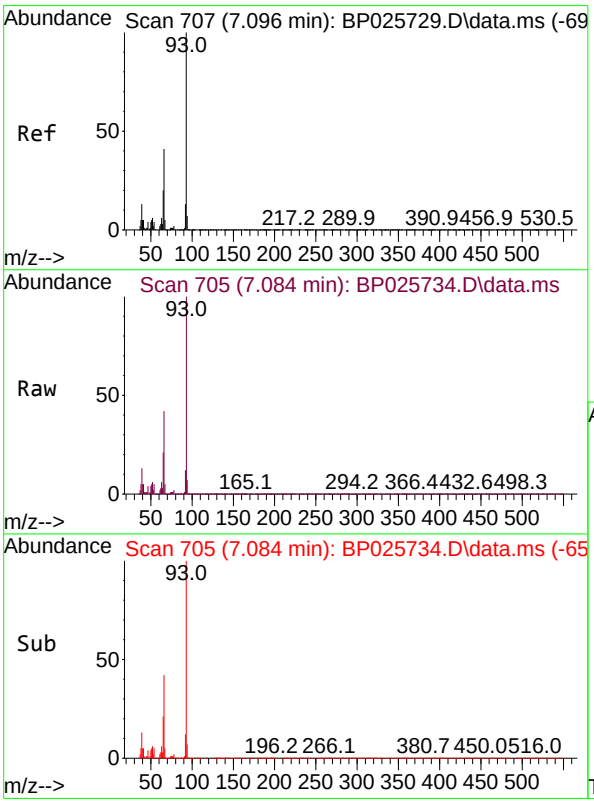
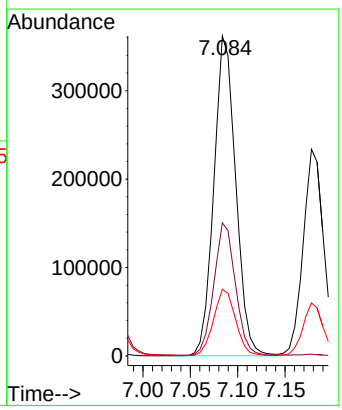
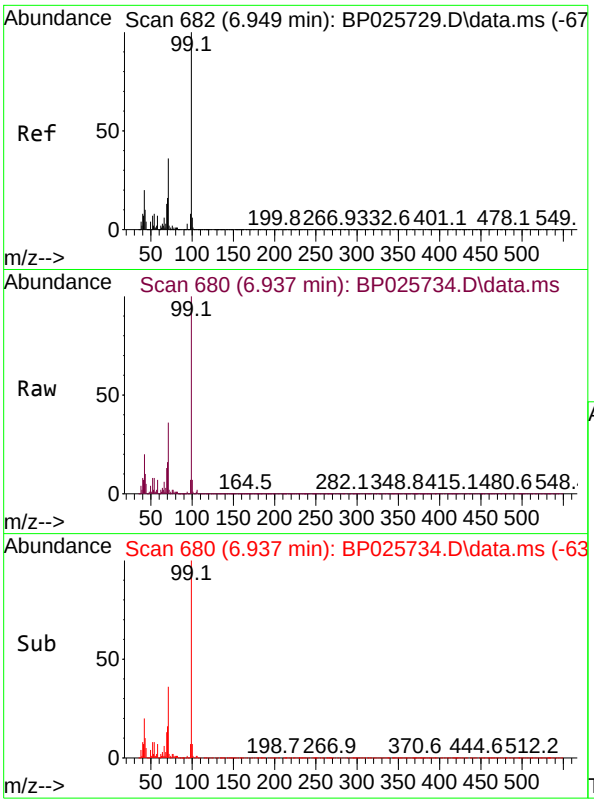


#6
Aniline
Concen: 41.441 ng
RT: 7.084 min Scan# 705
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 93 Resp: 582343

Ion	Ratio	Lower	Upper
93	100		
66	41.6	32.6	49.0
65	20.8	16.2	24.2

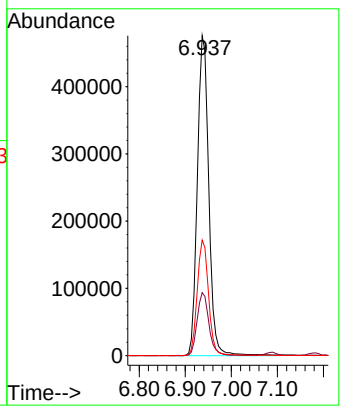




#7
Phenol-d6
Concen: 79.719 ng
RT: 6.937 min Scan# 68
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 99 Resp: 81605

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.6	23.4
71	36.1	28.6	43.0



Instrument :
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ClientSampleId :
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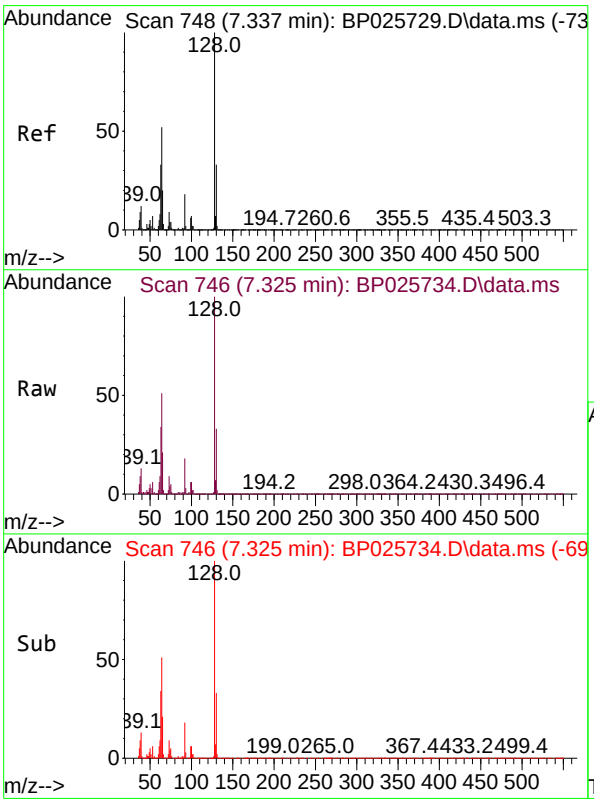
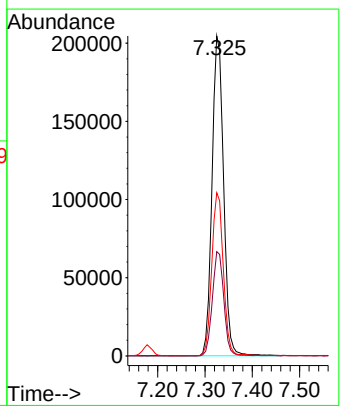
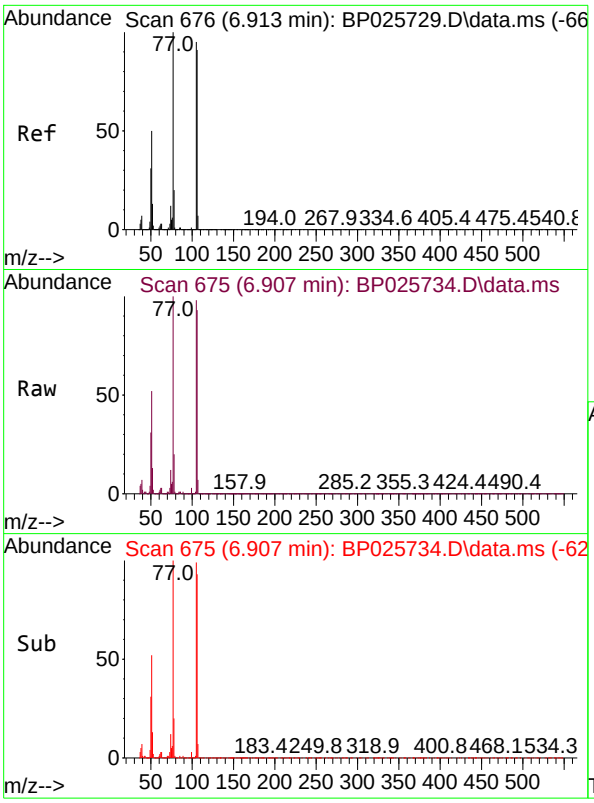


#8
2-Chlorophenol
Concen: 41.125 ng
RT: 7.325 min Scan# 746
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:128 Resp: 347453

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	51.0	31.6	71.6

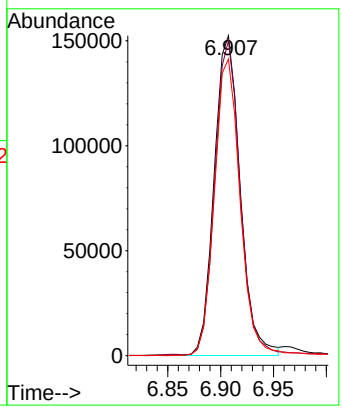




#9
Benzaldehyde
Concen: 42.354 ng m
RT: 6.907 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 77 Resp: 25987

Ion	Ratio	Lower	Upper
77	100		
105	98.4	75.2	115.2
106	92.7	71.3	111.3



Instrument :
BNA_P
ClientSampleId :
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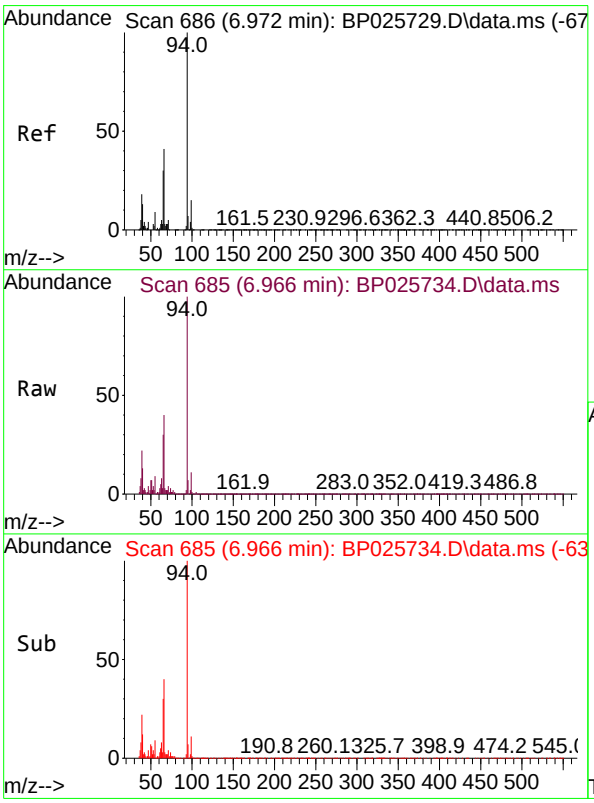
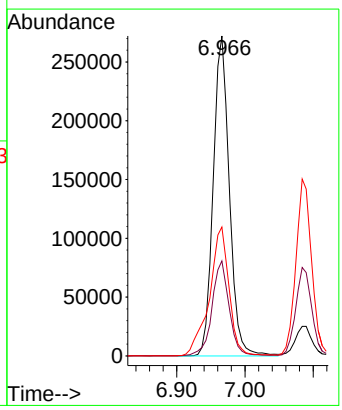
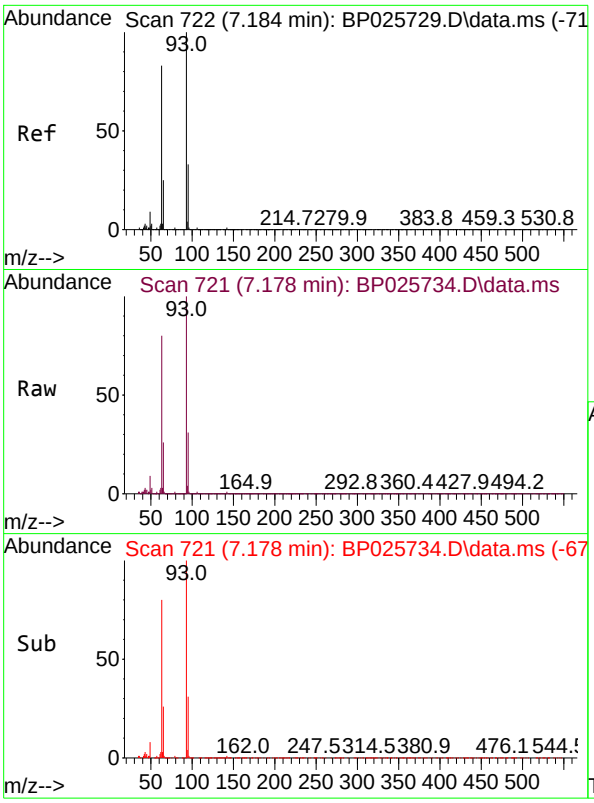


#10
Phenol
Concen: 41.357 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 94 Resp: 446406

Ion	Ratio	Lower	Upper
94	100		
65	29.7	10.2	50.2
66	40.3	21.4	61.4

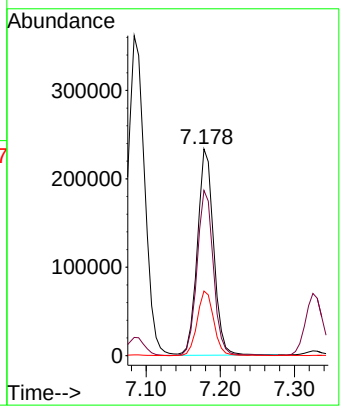




#11
bis(2-Chloroethyl)ether
Concen: 40.910 ng
RT: 7.178 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 93 Resp: 35477

Ion	Ratio	Lower	Upper
93	100		
63	80.0	62.6	102.6
95	31.3	13.2	53.2



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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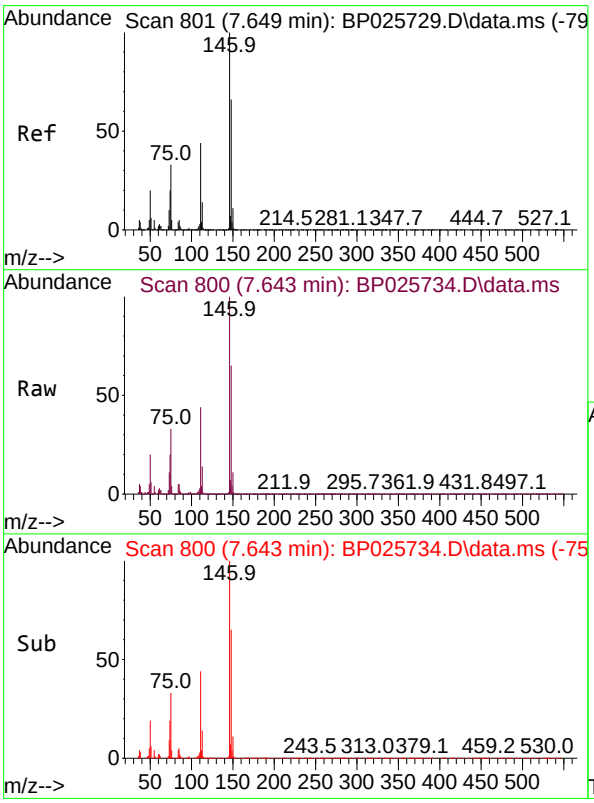
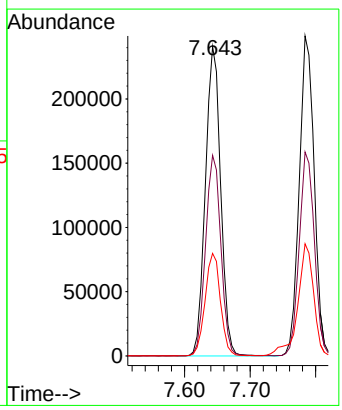
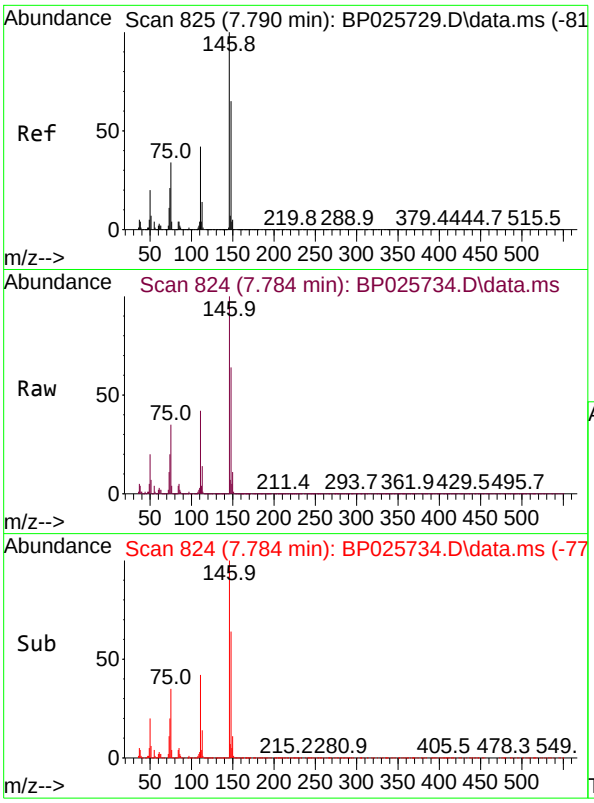


#12
1,3-Dichlorobenzene
Concen: 40.451 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:146 Resp: 388972

Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.7	79.1
75	33.1	26.4	39.6

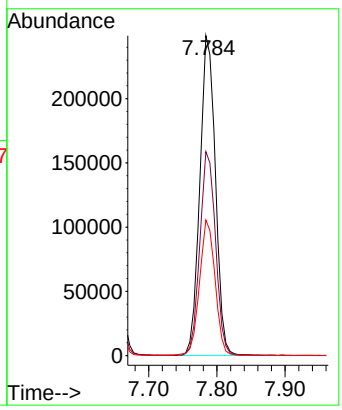




#13
1,4-Dichlorobenzene
Concen: 40.380 ng
RT: 7.784 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:146 Resp: 39552

Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	42.4	33.9	50.9



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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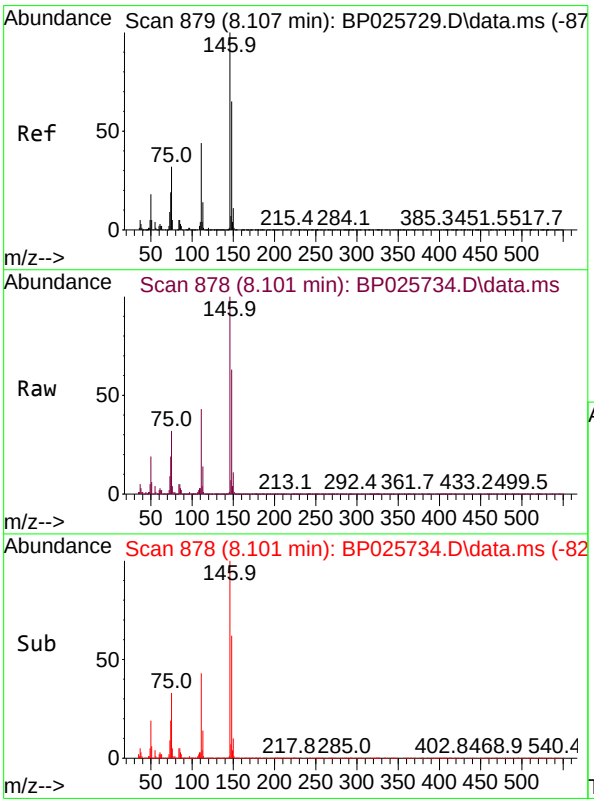
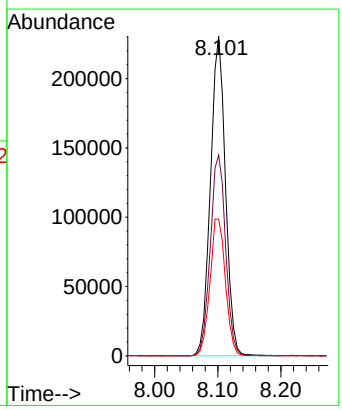
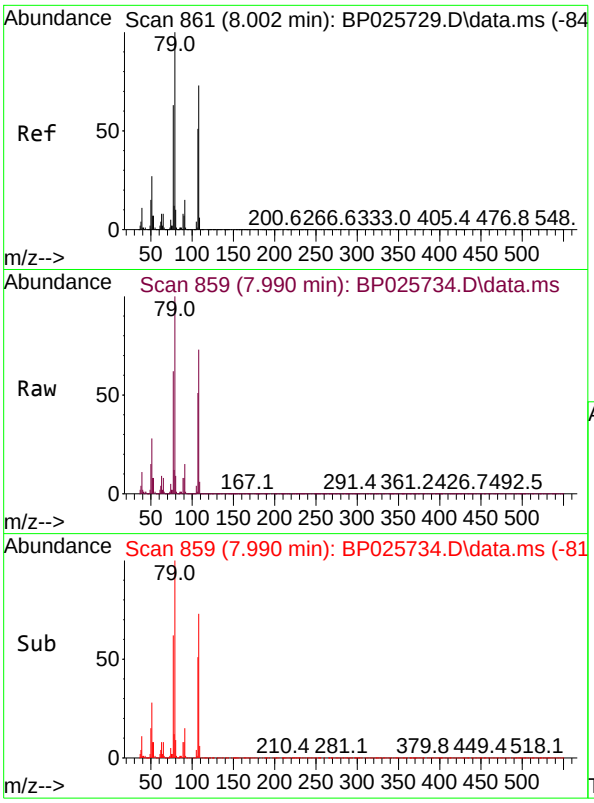


#14
1,2-Dichlorobenzene
Concen: 39.971 ng
RT: 8.101 min Scan# 878
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:146 Resp: 380347

Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.7	77.5
111	42.7	35.5	53.3

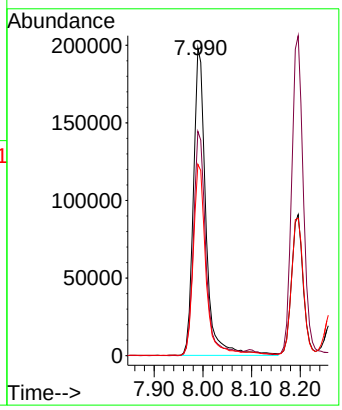




#15
Benzyl Alcohol
Concen: 41.411 ng
RT: 7.990 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 79 Resp: 35029

Ion	Ratio	Lower	Upper
79	100		
108	72.9	58.7	88.1
77	62.1	50.2	75.2



Instrument :
BNA_P
ClientSampleId :
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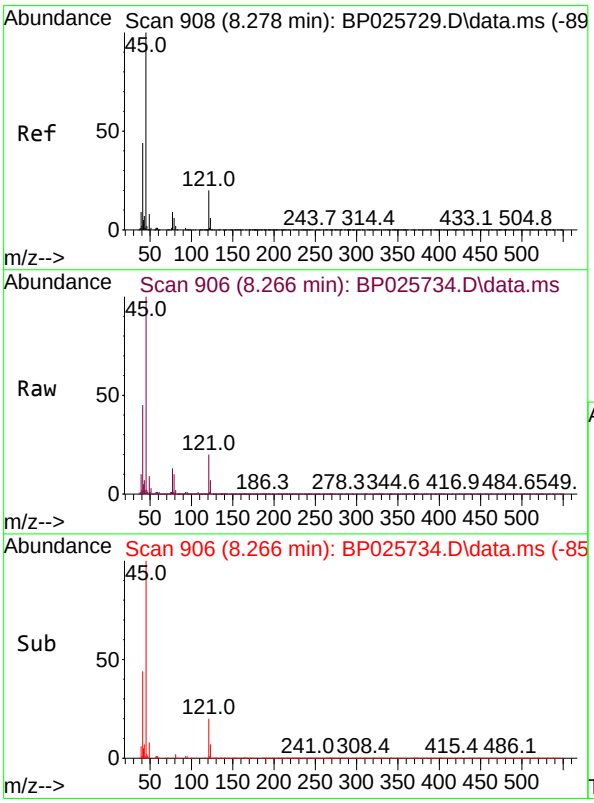
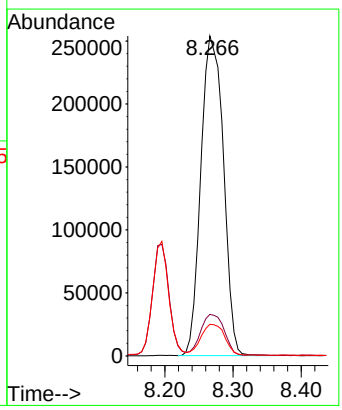
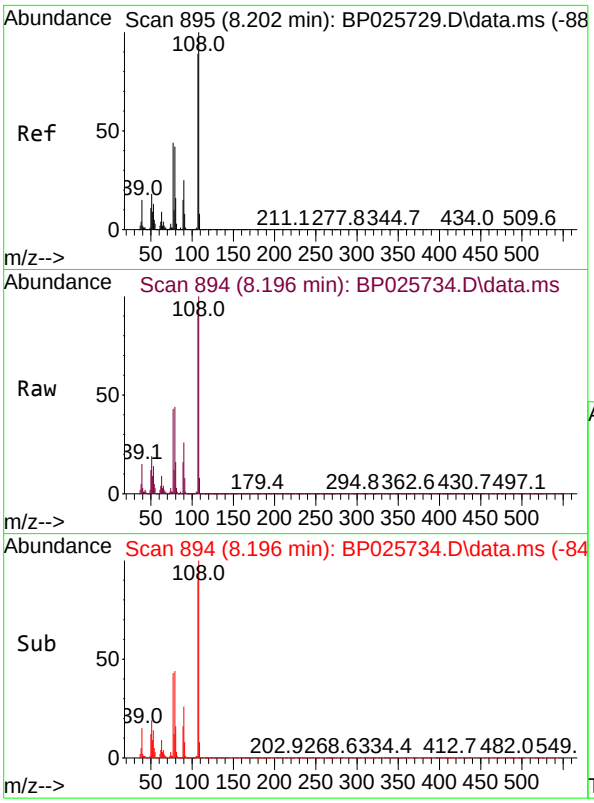


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.060 ng
RT: 8.266 min Scan# 906
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 45 Resp: 582311

Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	33.1
79	9.9	0.0	30.0

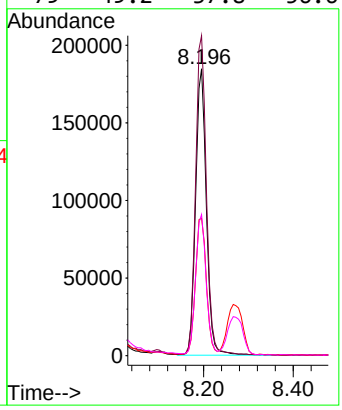




#17
2-Methylphenol
Concen: 42.200 ng
RT: 8.196 min Scan# 89
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:107 Resp: 30710

Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.6	134.4
77	47.9	39.3	58.9
79	49.2	37.8	56.6



Instrument :
BNA_P
ClientSampleId :
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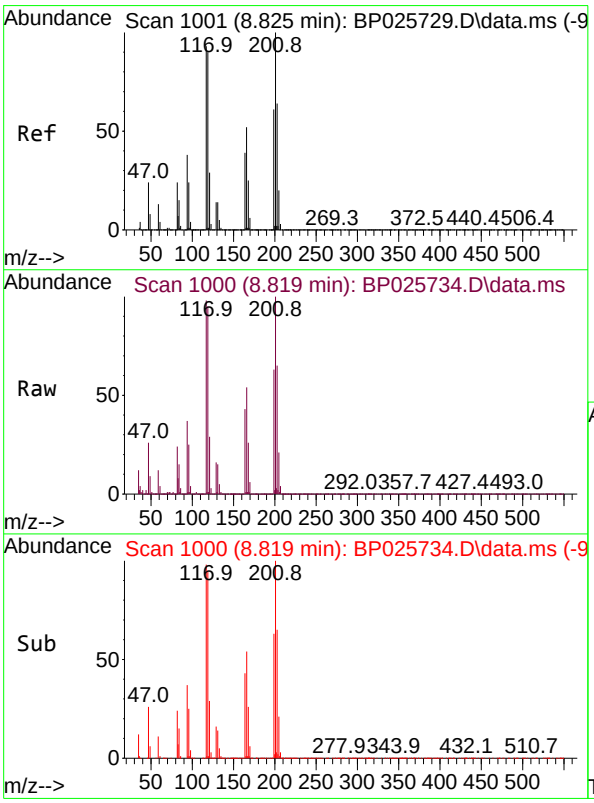
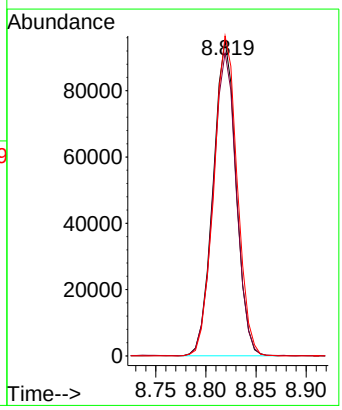
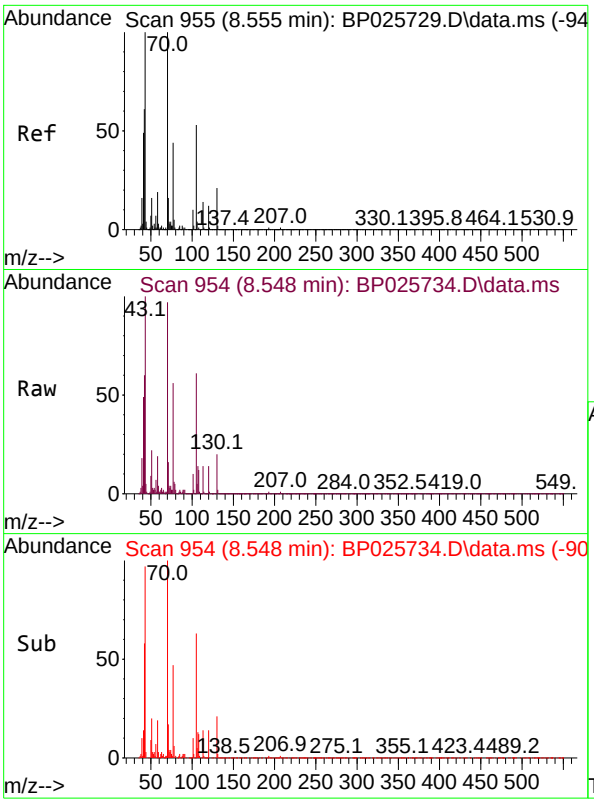


#18
Hexachloroethane
Concen: 40.508 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:117 Resp: 151554

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.1	115.7
201	101.5	85.6	128.4

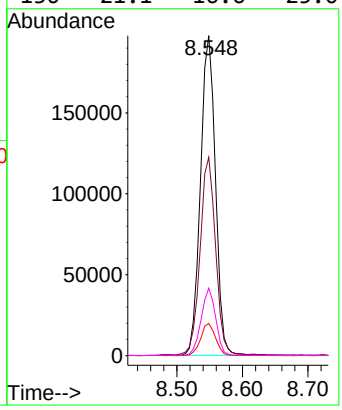




#19
n-Nitroso-di-n-propylamine
Concen: 43.761 ng
RT: 8.548 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 70 Resp: 31244

Ion	Ratio	Lower	Upper
70	100		
42	62.0	49.0	73.4
101	10.0	7.9	11.9
130	21.1	16.6	25.0



Instrument :
BNA_P
ClientSampleId :
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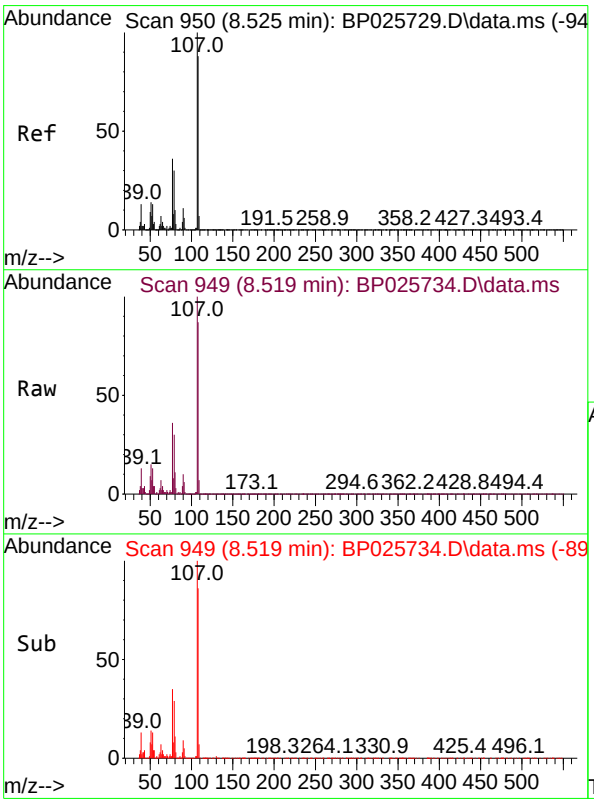
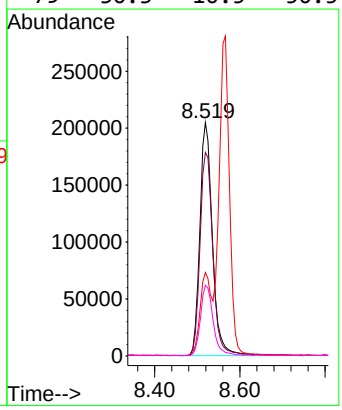
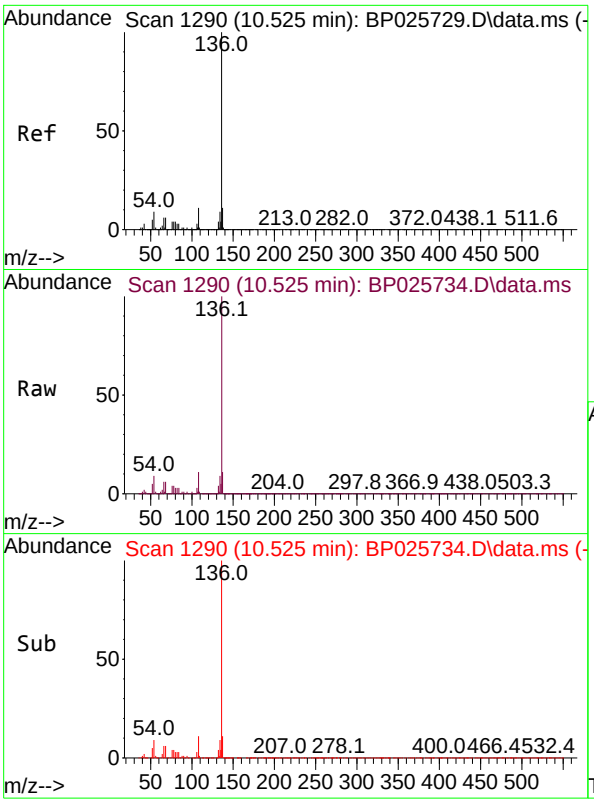


#20
3+4-Methylphenols
Concen: 41.117 ng
RT: 8.519 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:107 Resp: 419059

Ion	Ratio	Lower	Upper
107	100		
108	87.2	67.8	107.8
77	35.7	16.1	56.1
79	30.3	10.5	50.5

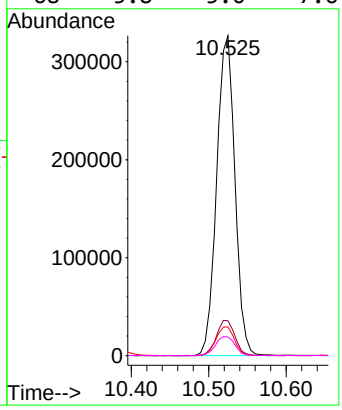




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:136 Resp: 53693

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.0	7.5	11.3
68	5.8	5.0	7.6



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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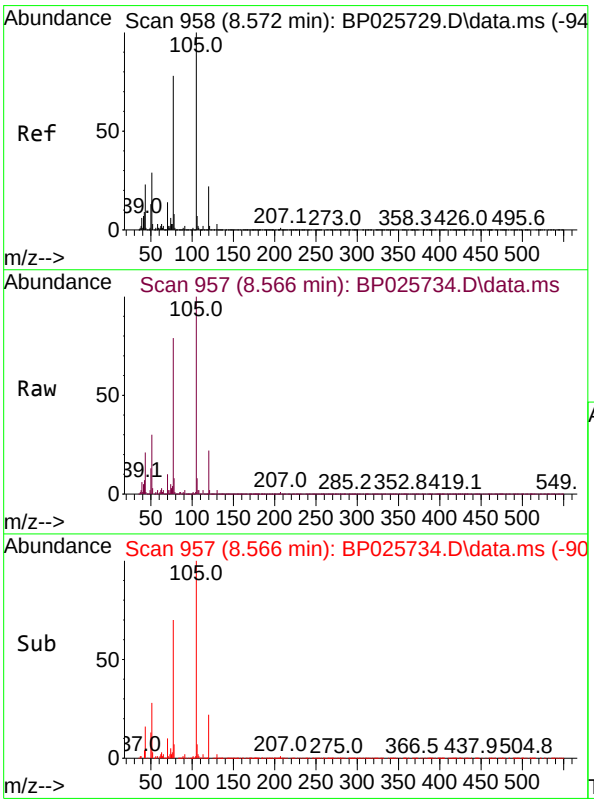
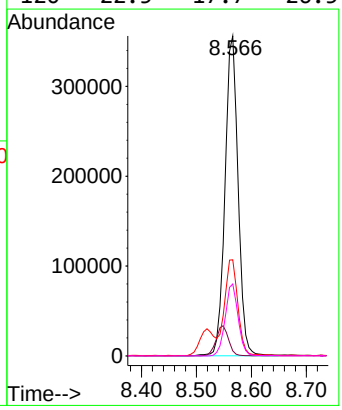
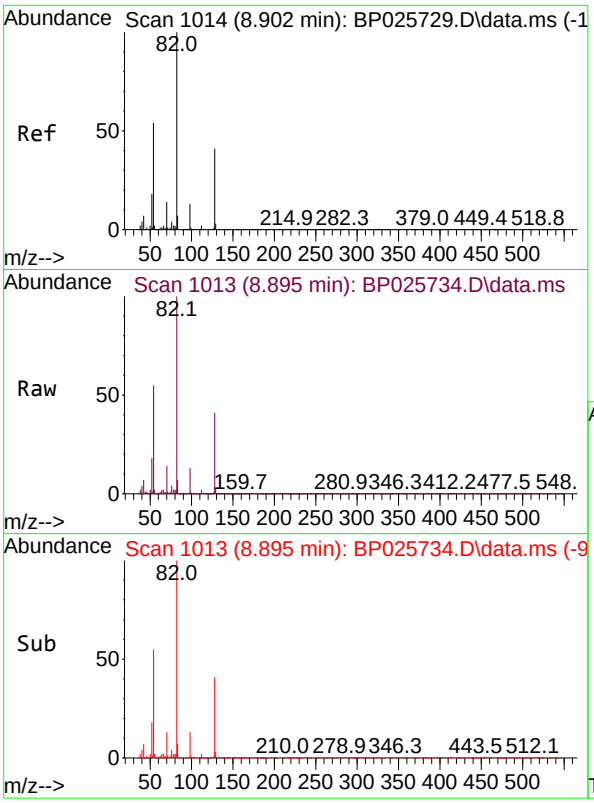


#22
Acetophenone
Concen: 41.077 ng
RT: 8.566 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:105 Resp: 589415

Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.8	2.8#
51	30.0	23.5	35.3
120	22.5	17.7	26.5

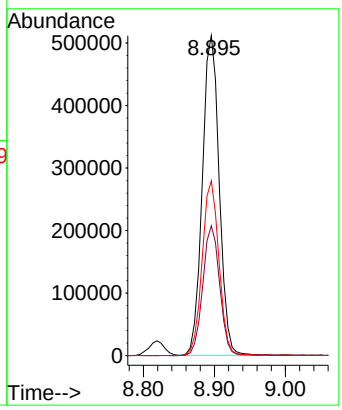




#23
Nitrobenzene-d5
Concen: 69.063 ng
RT: 8.895 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 82 Resp: 84065

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.9	49.3
54	54.6	43.4	65.2



Instrument :
BNA_P
ClientSampleId :
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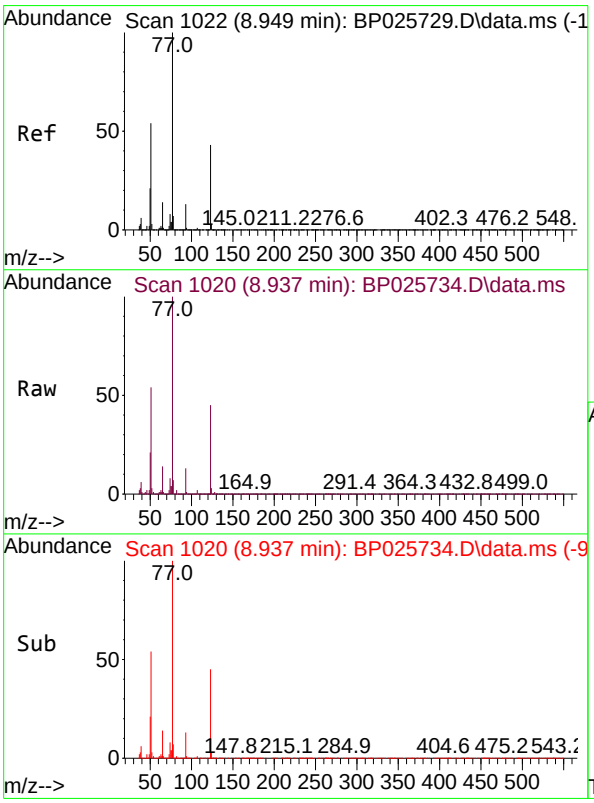
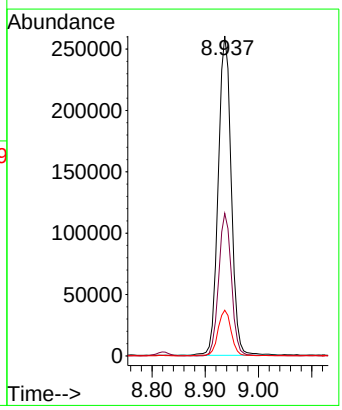
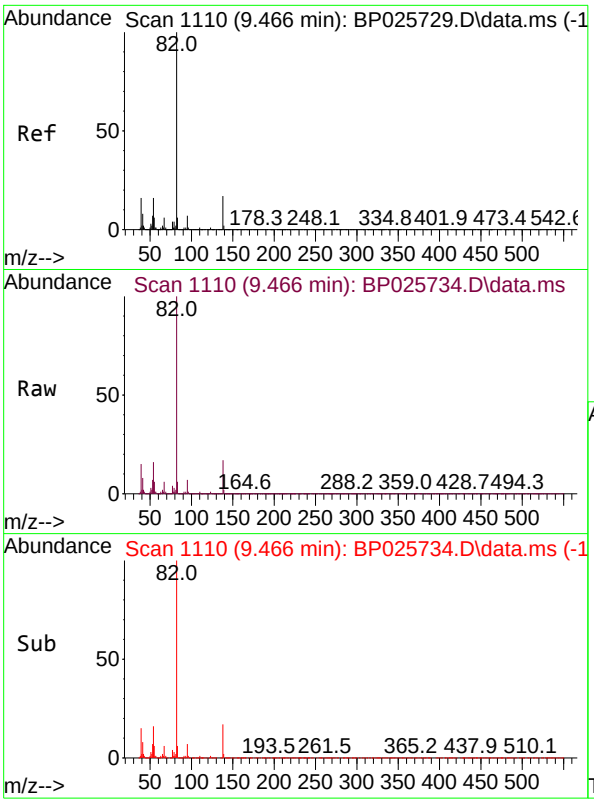


#24
Nitrobenzene
Concen: 40.477 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 77 Resp: 442005

Ion	Ratio	Lower	Upper
77	100		
123	44.5	34.4	51.6
65	14.3	10.8	16.2

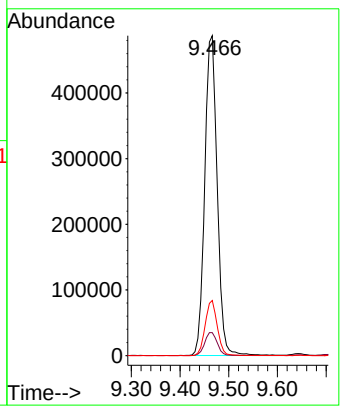




#25
Isophorone
Concen: 40.570 ng
RT: 9.466 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 82 Resp: 86799

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	17.2	13.5	20.3



Instrument :
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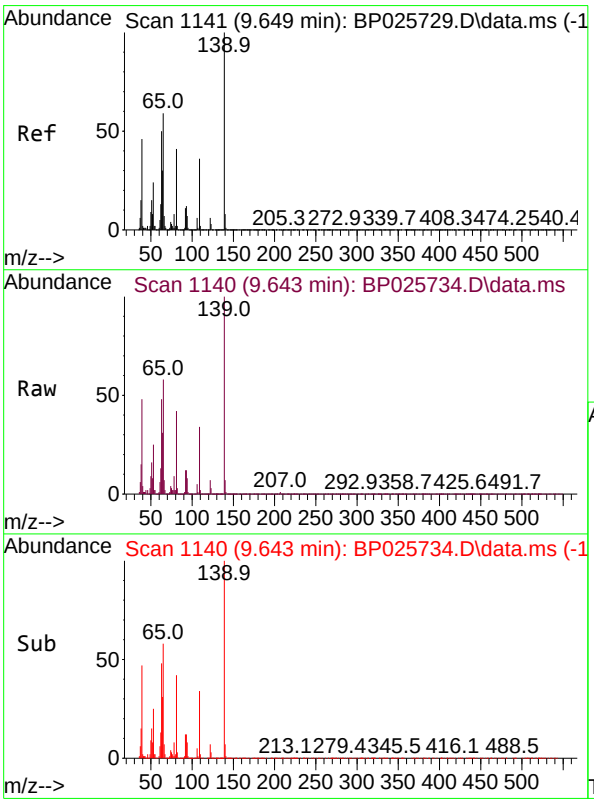
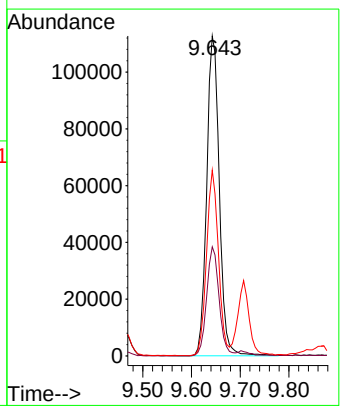
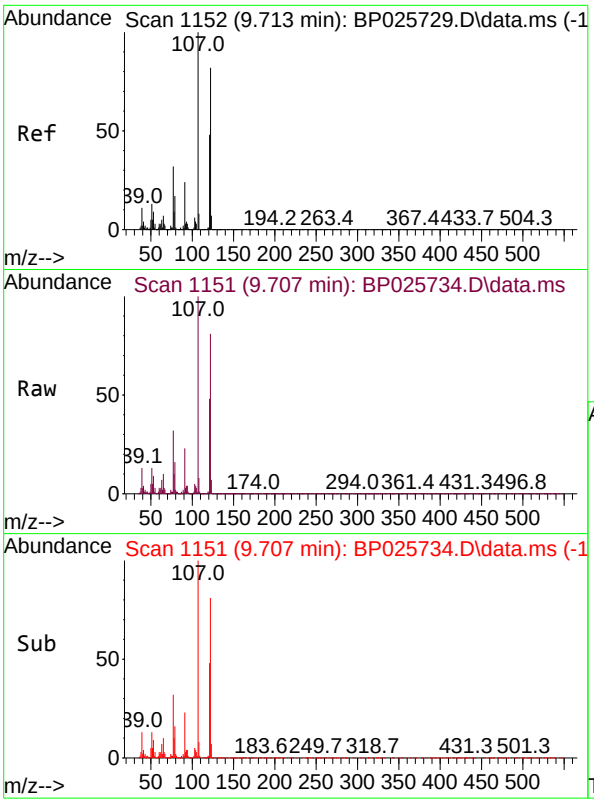


#26
2-Nitrophenol
Concen: 42.019 ng
RT: 9.643 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:139 Resp: 203715

Ion	Ratio	Lower	Upper
139	100		
109	34.1	29.0	43.4
65	58.0	46.9	70.3

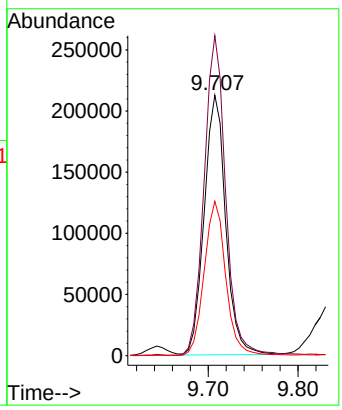




#27
2,4-Dimethylphenol
Concen: 41.566 ng
RT: 9.707 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:122 Resp: 35353

Ion	Ratio	Lower	Upper
122	100		
107	122.9	97.9	146.9
121	59.3	47.4	71.0



Instrument :
BNA_P
ClientSampleId :
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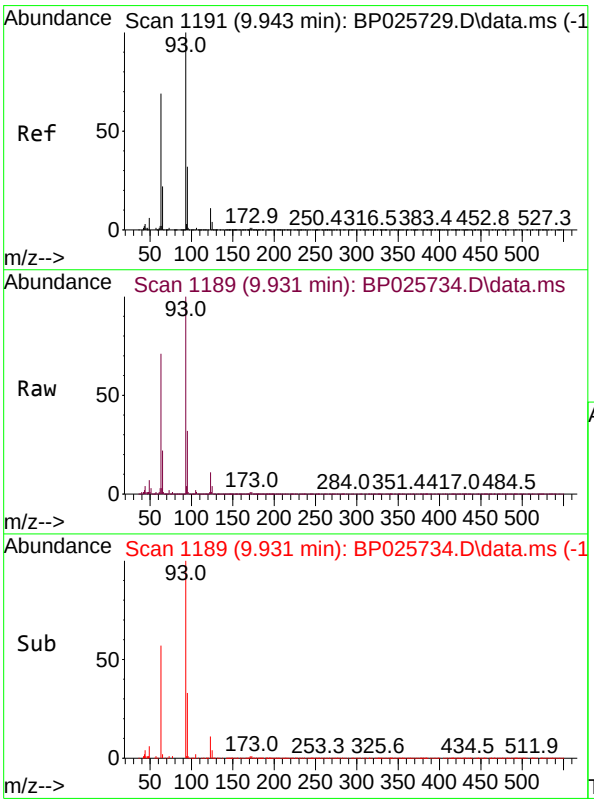
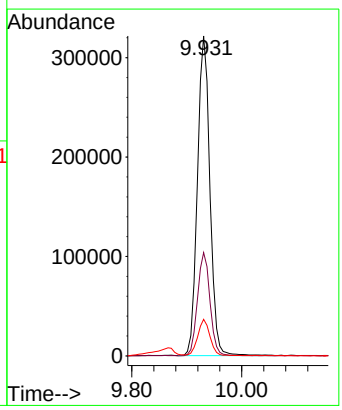
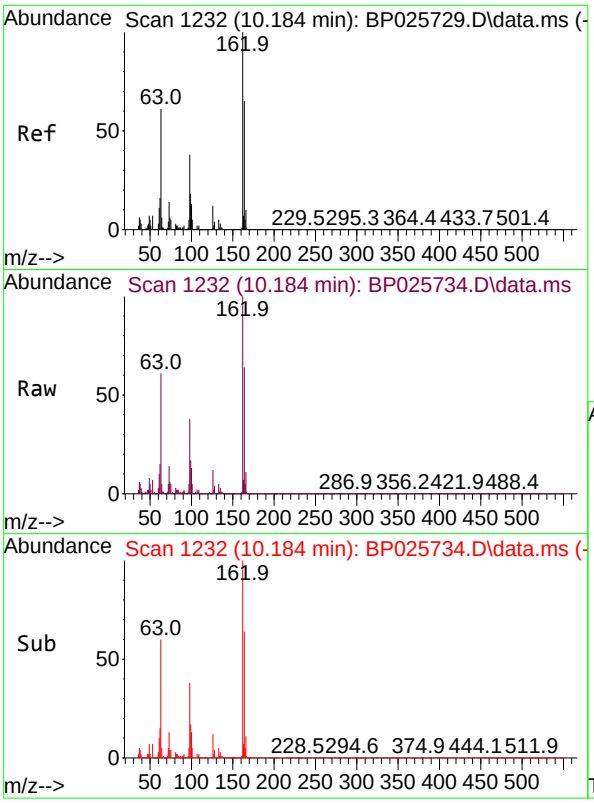


#28
bis(2-Chloroethoxy)methane
Concen: 40.986 ng
RT: 9.931 min Scan# 1189
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 93 Resp: 506887

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.6	38.4
123	11.5	9.2	13.8

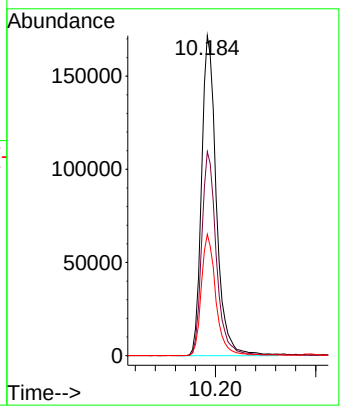




#29
2,4-Dichlorophenol
Concen: 41.410 ng
RT: 10.184 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:162 Resp: 351168

Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.7	84.7
98	37.9	18.1	58.1



Instrument :
BNA_P
ClientSampleId :
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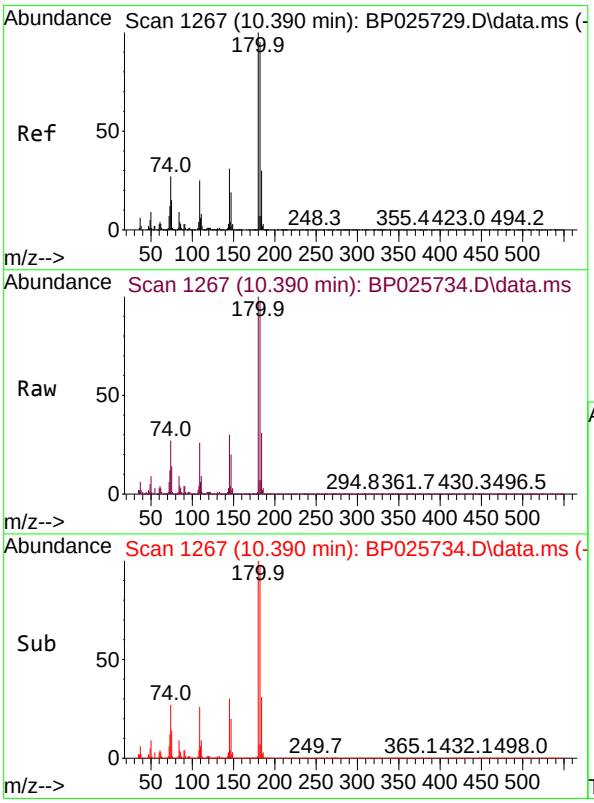
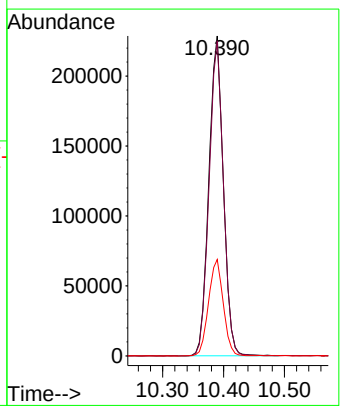
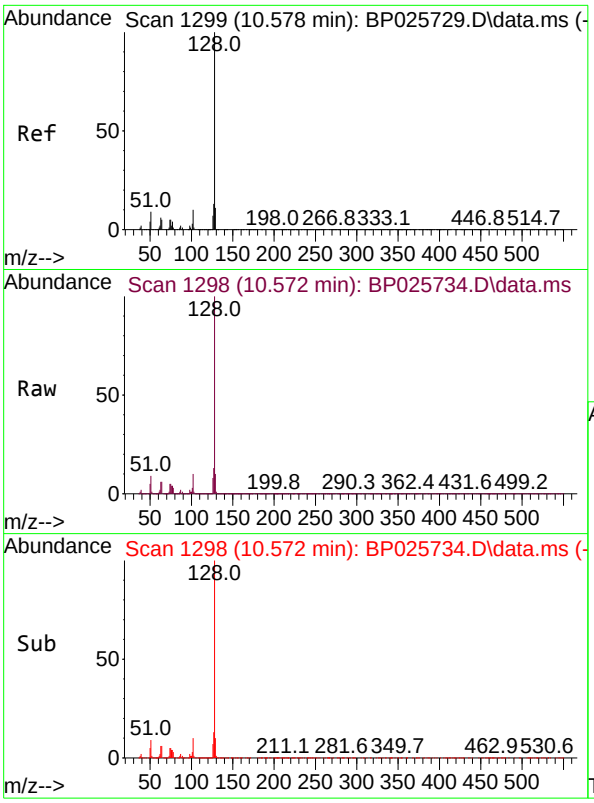


#30
1,2,4-Trichlorobenzene
Concen: 39.530 ng
RT: 10.390 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:180 Resp: 377799

Ion	Ratio	Lower	Upper
180	100		
182	98.5	76.0	114.0
145	30.1	24.7	37.1

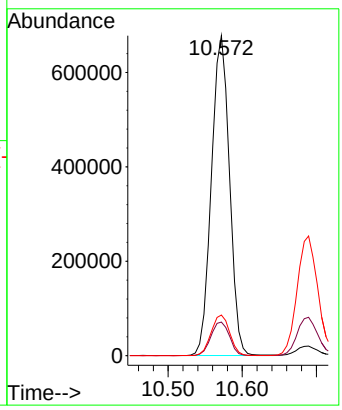




#31
Naphthalene
Concen: 39.618 ng
RT: 10.572 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:128 Resp: 114701

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	12.7	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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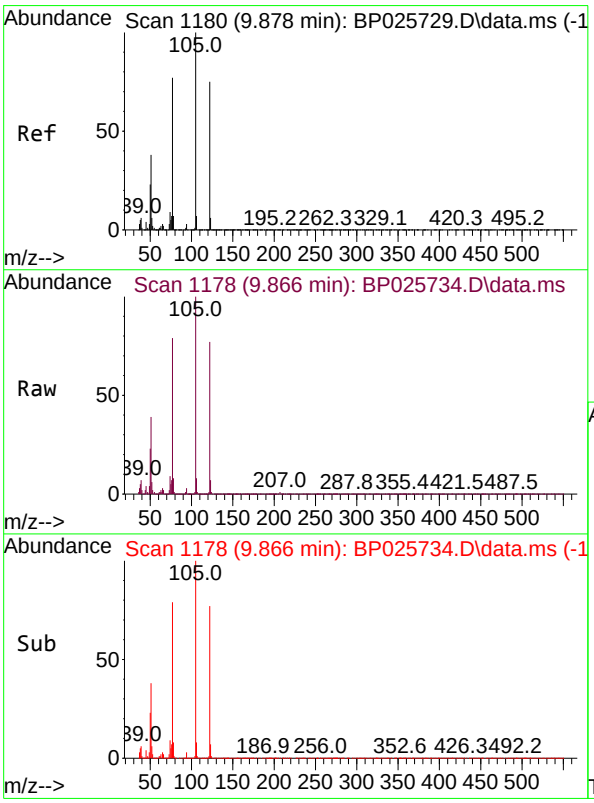
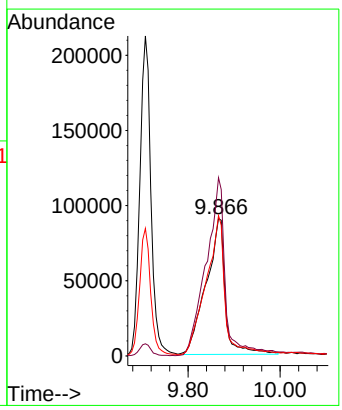
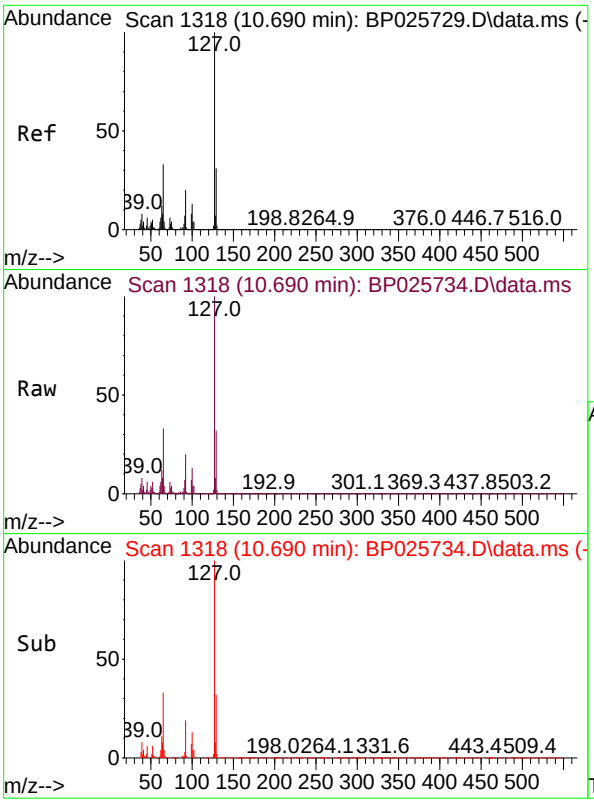


#32
Benzoic acid
Concen: 41.287 ng
RT: 9.866 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:122 Resp: 261084

Ion	Ratio	Lower	Upper
122	100		
105	129.7	111.5	151.5
77	102.2	81.8	121.8

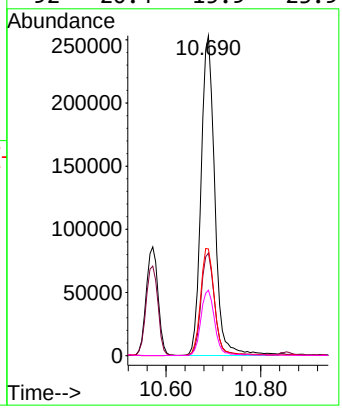




#33
4-Chloroaniline
Concen: 42.370 ng
RT: 10.690 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:127 Resp: 51129

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.1	37.7
65	33.3	26.4	39.6
92	20.4	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
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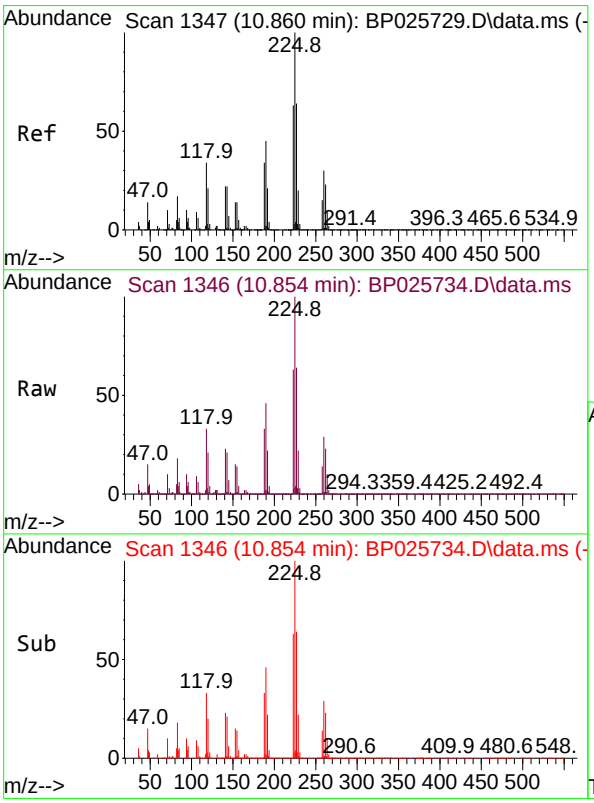
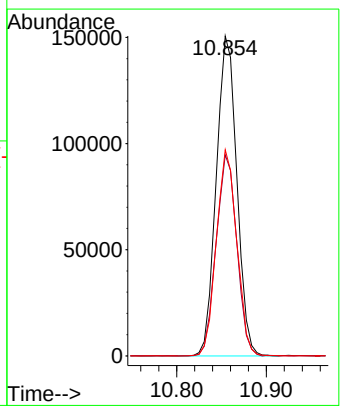
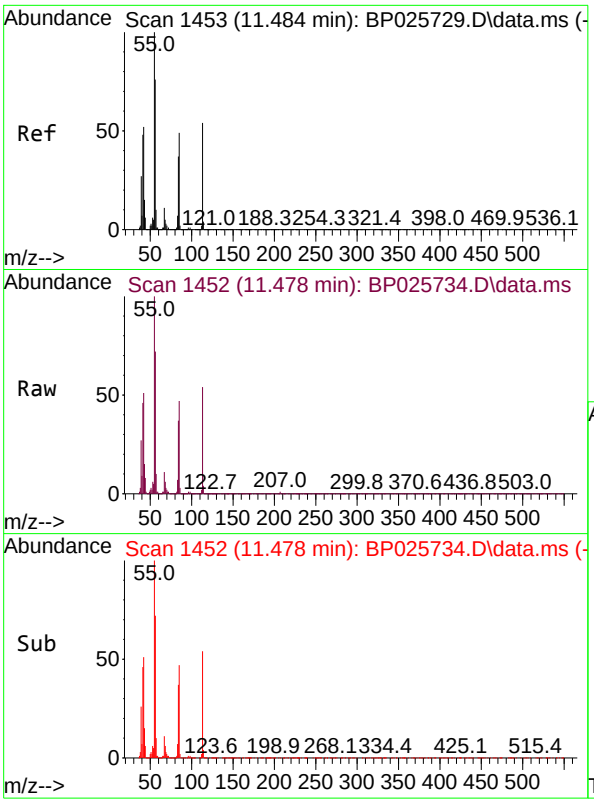


#34
Hexachlorobutadiene
Concen: 39.159 ng
RT: 10.854 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:225 Resp: 240927

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.1	75.1
227	64.4	51.2	76.8

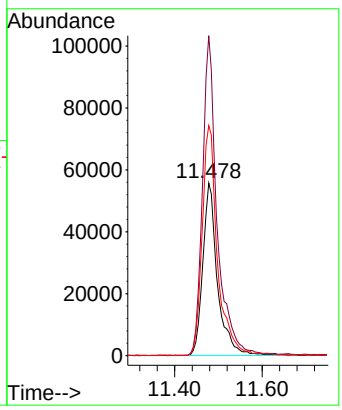




#35
Caprolactam
Concen: 39.662 ng
RT: 11.478 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:113 Resp: 12965

Ion	Ratio	Lower	Upper
113	100		
55	185.4	165.5	205.5
56	133.3	121.1	161.1



Instrument :
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ClientSampleId :
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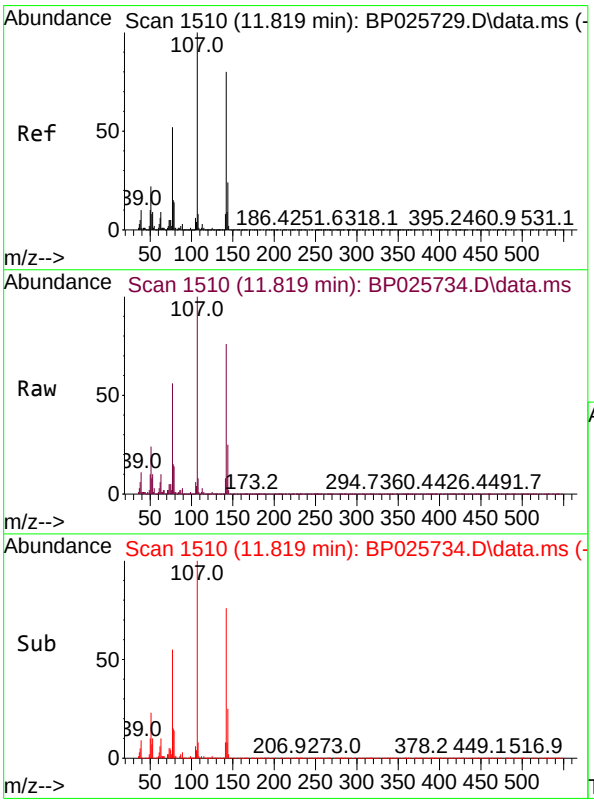
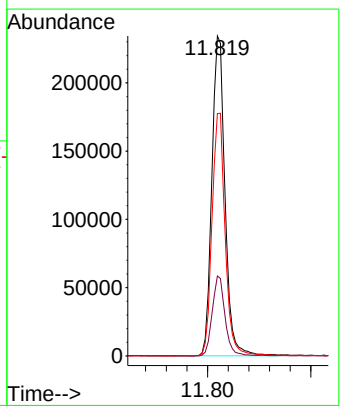
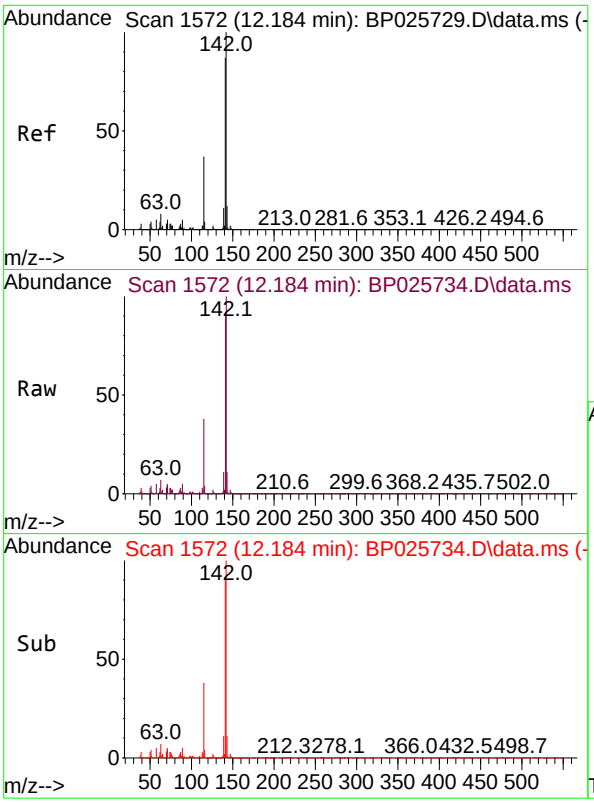


#36
4-Chloro-3-methylphenol
Concen: 40.986 ng
RT: 11.819 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:107 Resp: 414385

Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.4	29.2
142	75.7	63.8	95.6

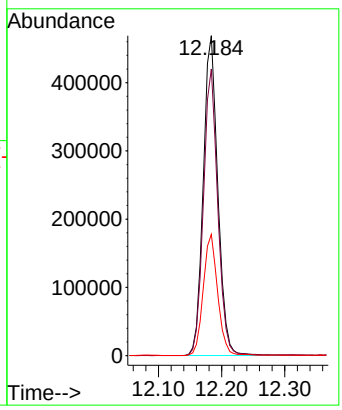




#37
2-Methylnaphthalene
Concen: 40.396 ng
RT: 12.184 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:142 Resp: 75118

Ion	Ratio	Lower	Upper
142	100		
141	89.6	69.6	104.4
115	37.9	30.0	45.0



Instrument :
BNA_P
ClientSampleId :
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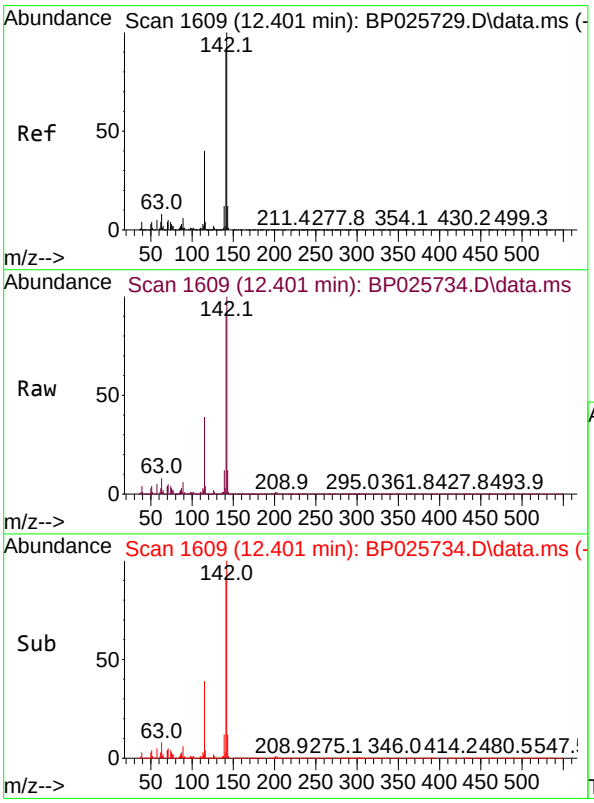
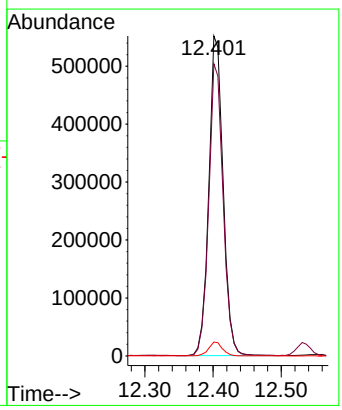
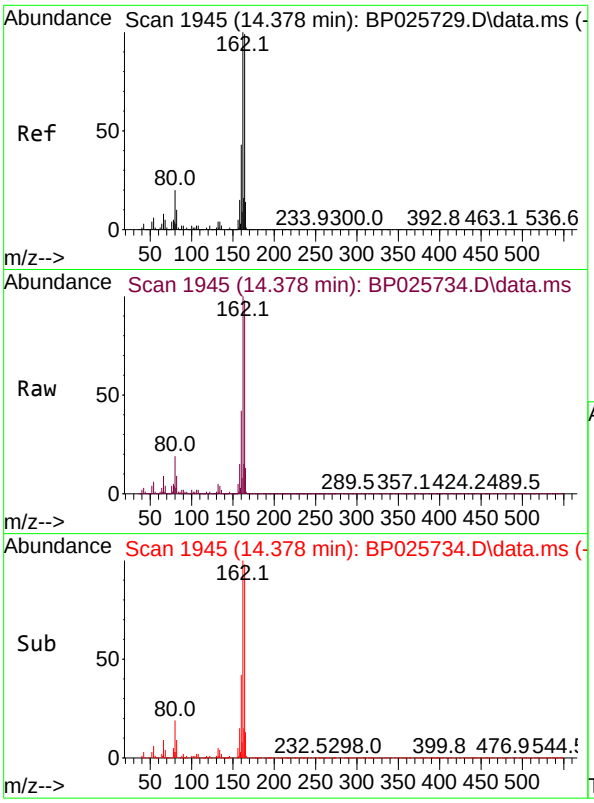


#38
1-Methylnaphthalene
Concen: 40.566 ng
RT: 12.401 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:142 Resp: 804402

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.7	109.1
116	4.3	3.5	5.3

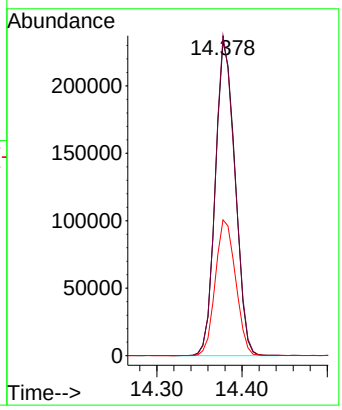




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:164 Resp: 37538

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	43.1	35.0	52.6



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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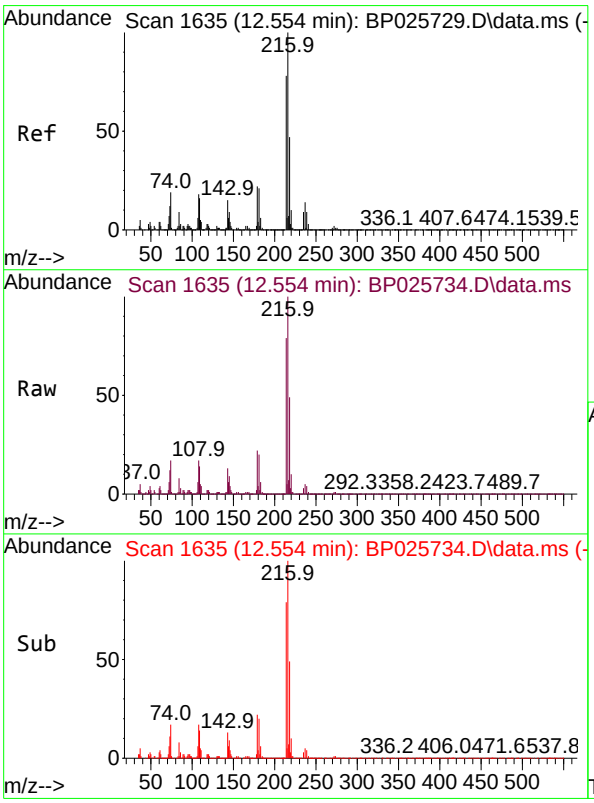
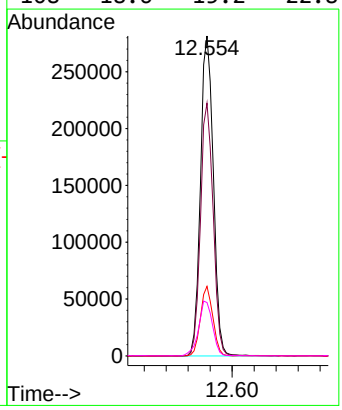
Supervised By :Jagrut Upadhyay 09/12/2025

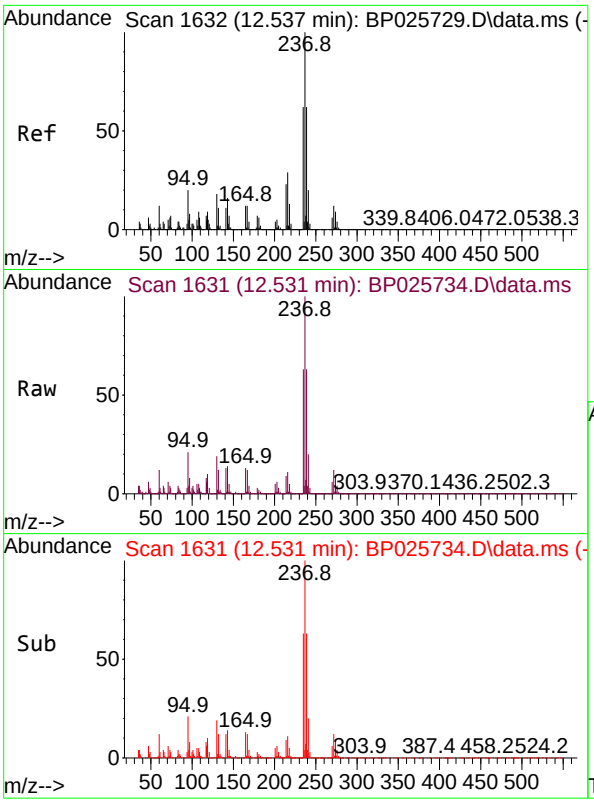


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.058 ng
RT: 12.554 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:216 Resp: 455659

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.4	93.6
179	21.0	17.0	25.6
108	18.6	15.2	22.8

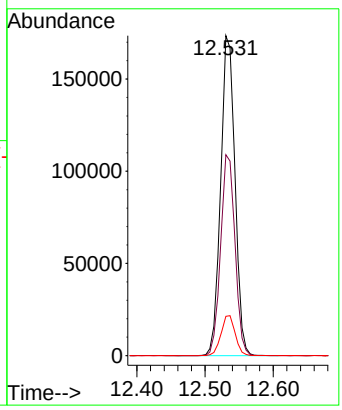




#41
Hexachlorocyclopentadiene
Concen: 40.525 ng
RT: 12.531 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:237 Resp: 25106

Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.9	81.9
272	12.3	0.0	31.8



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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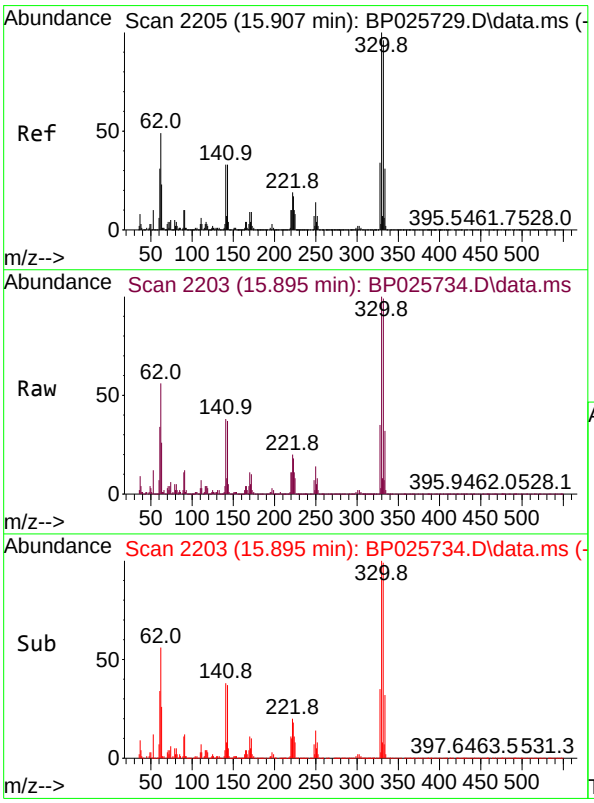
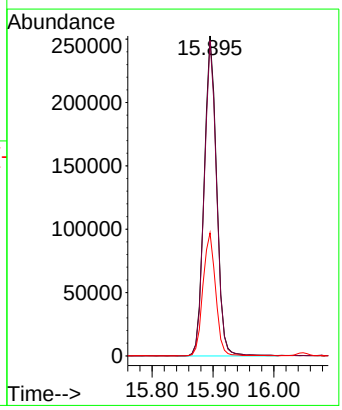
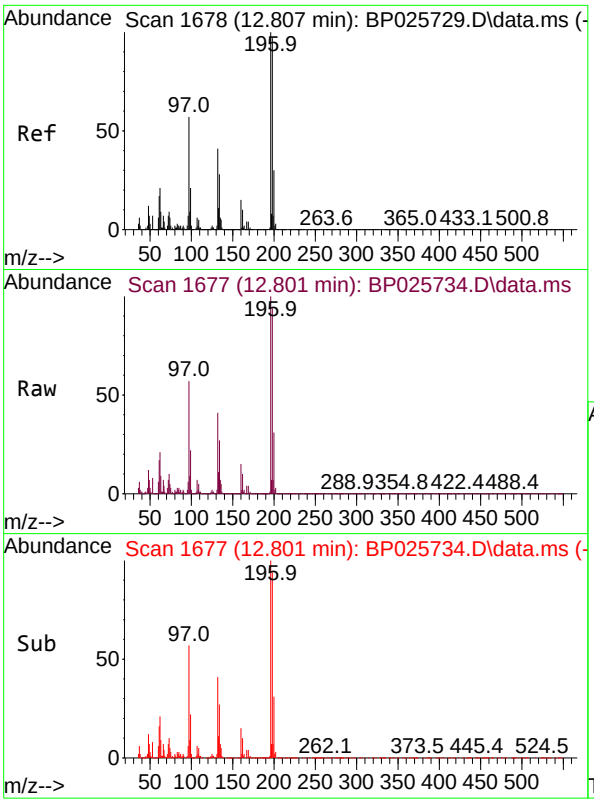


#42
2,4,6-Tribromophenol
Concen: 76.715 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:330 Resp: 359192

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.9	115.3
141	39.0	31.0	46.4

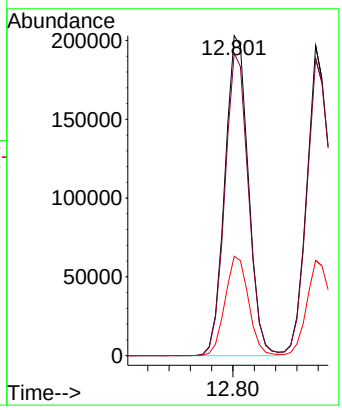




#43
2,4,6-Trichlorophenol
Concen: 41.695 ng
RT: 12.801 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:196 Resp: 31179

Ion	Ratio	Lower	Upper
196	100		
198	94.5	77.2	115.8
200	31.1	24.2	36.2



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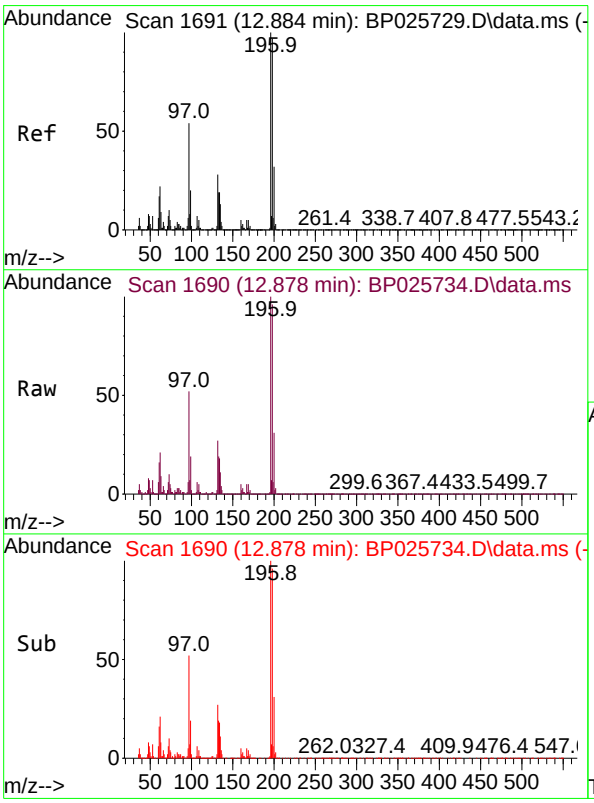
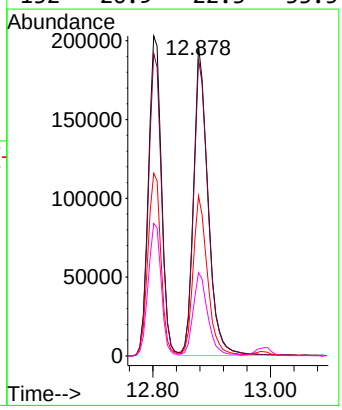
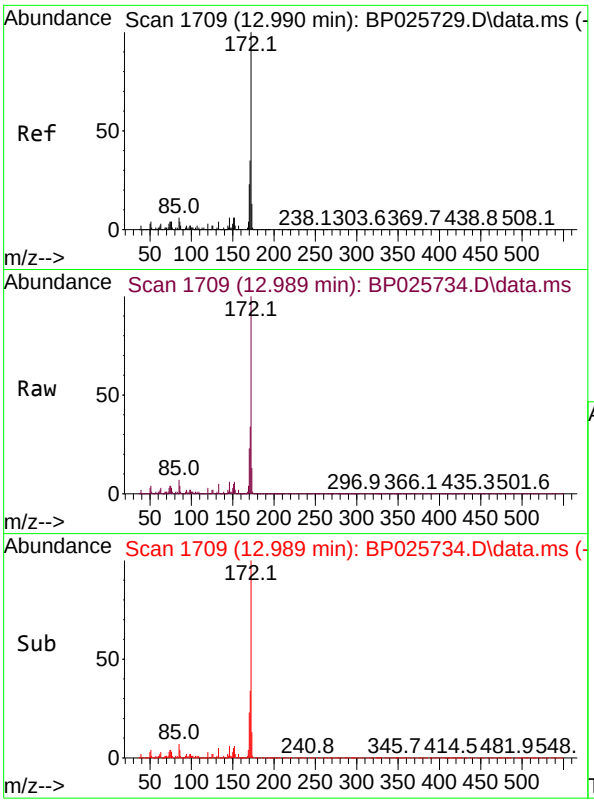


#44
2,4,5-Trichlorophenol
Concen: 40.344 ng
RT: 12.878 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:196 Resp: 335762

Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.8	116.8
97	51.6	43.3	64.9
132	26.9	22.3	33.5

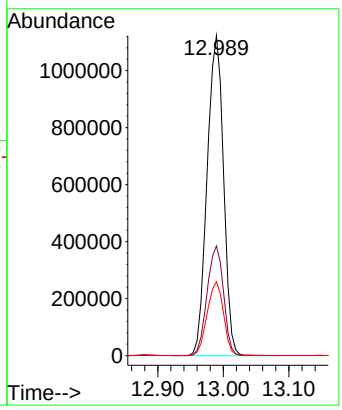




#45
2-Fluorobiphenyl
Concen: 69.102 ng
RT: 12.989 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:172 Resp: 194813

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	23.1	18.6	27.8



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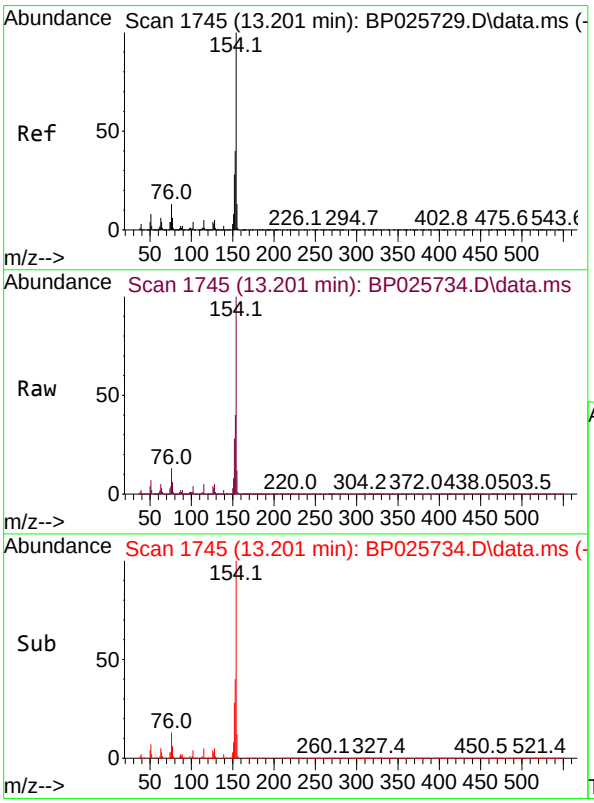
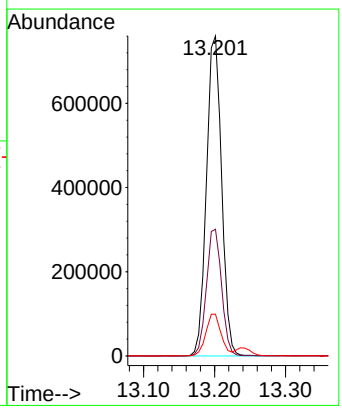
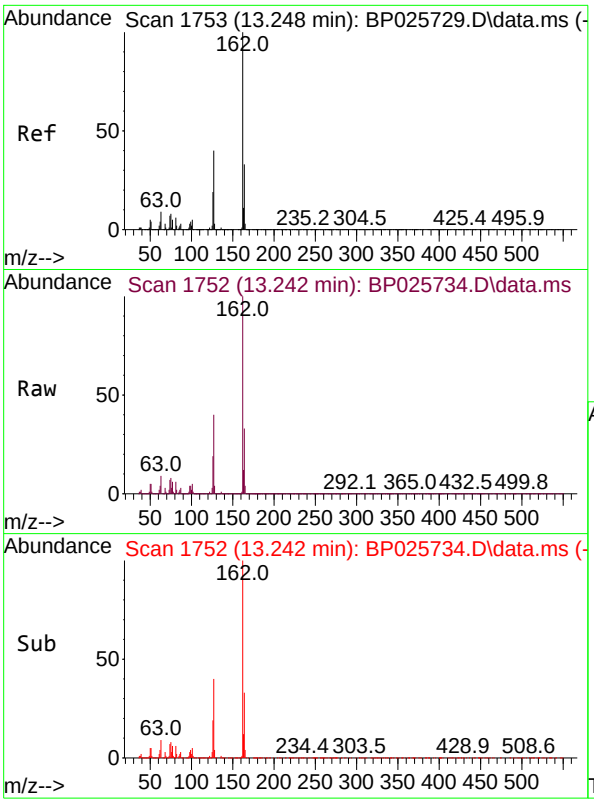


#46
1,1'-Biphenyl
Concen: 40.692 ng
RT: 13.201 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:154 Resp: 1121205

Ion	Ratio	Lower	Upper
154	100		
153	39.6	19.7	59.7
76	13.0	0.0	33.3

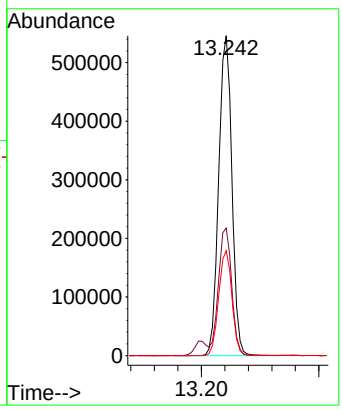




#47
2-Chloronaphthalene
Concen: 39.167 ng
RT: 13.242 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:162 Resp: 84975

Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.2	48.4
164	32.8	26.5	39.7



Instrument :
BNA_P
ClientSampleId :
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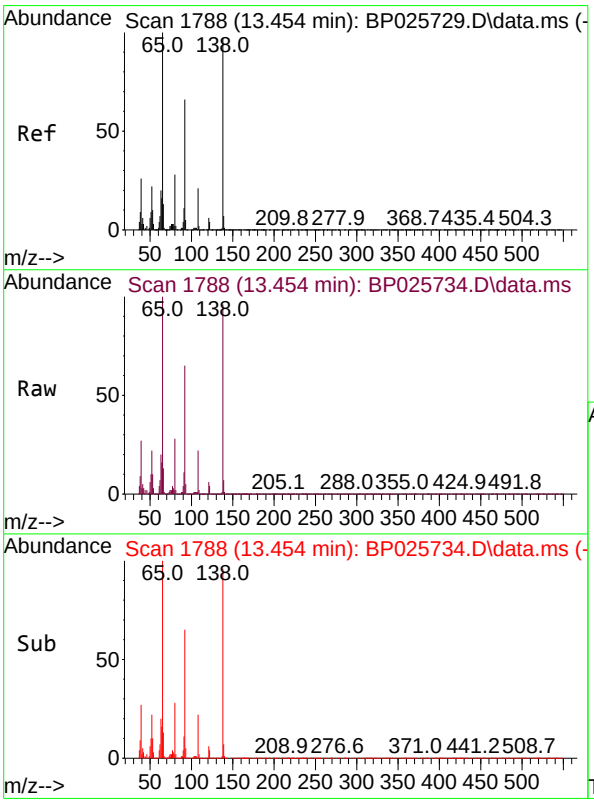
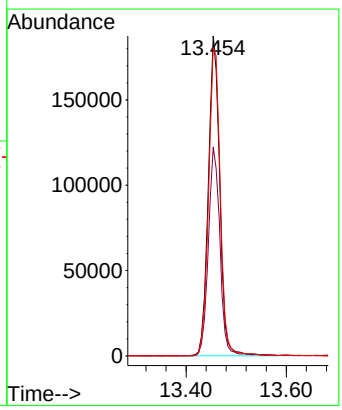
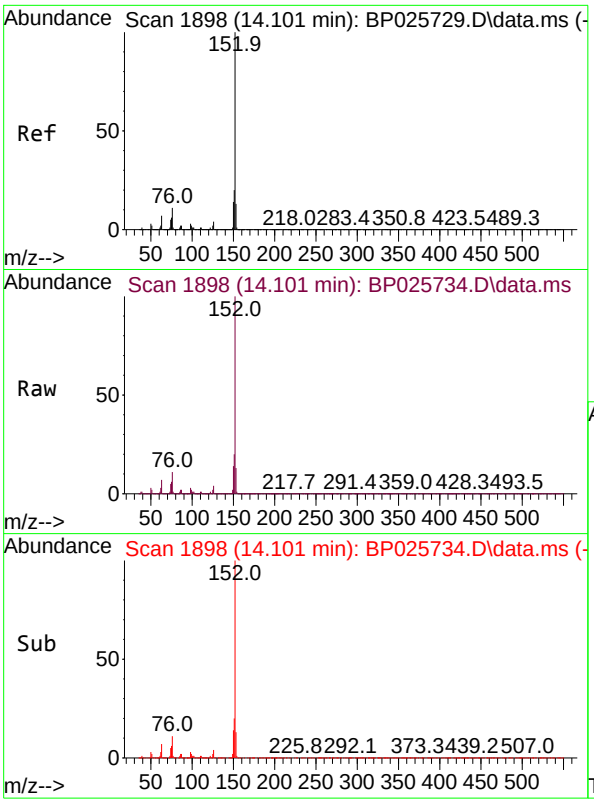


#48
2-Nitroaniline
Concen: 41.012 ng
RT: 13.454 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 65 Resp: 296601

Ion	Ratio	Lower	Upper
65	100		
92	65.3	53.1	79.7
138	96.0	77.8	116.8

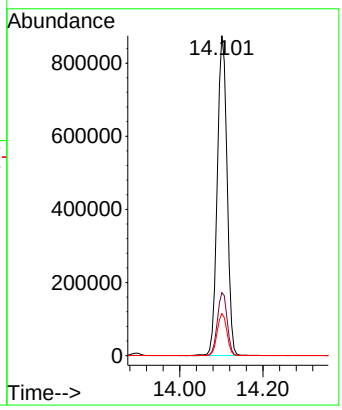




#49
Acenaphthylene
Concen: 39.820 ng
RT: 14.101 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:152 Resp: 143140

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.1	10.5	15.7



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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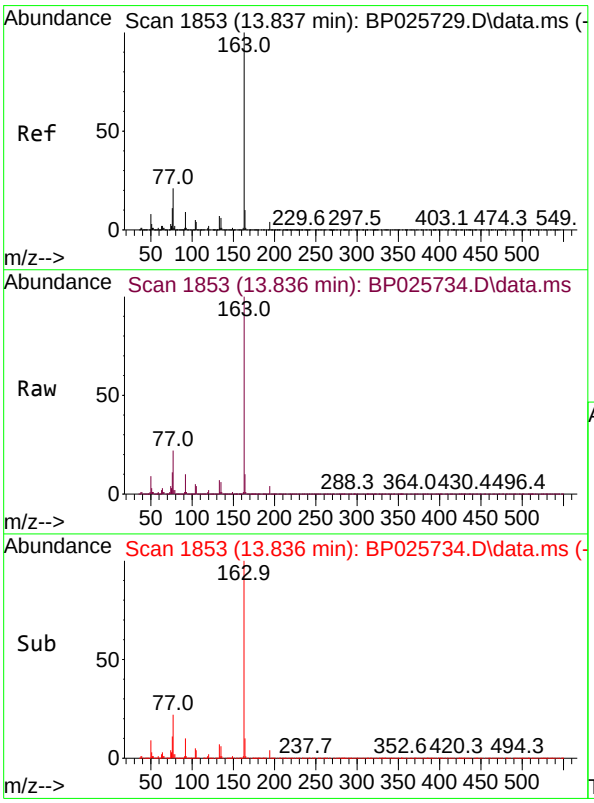
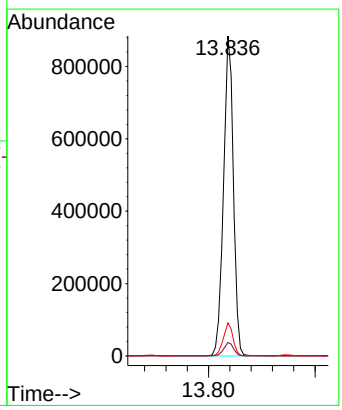
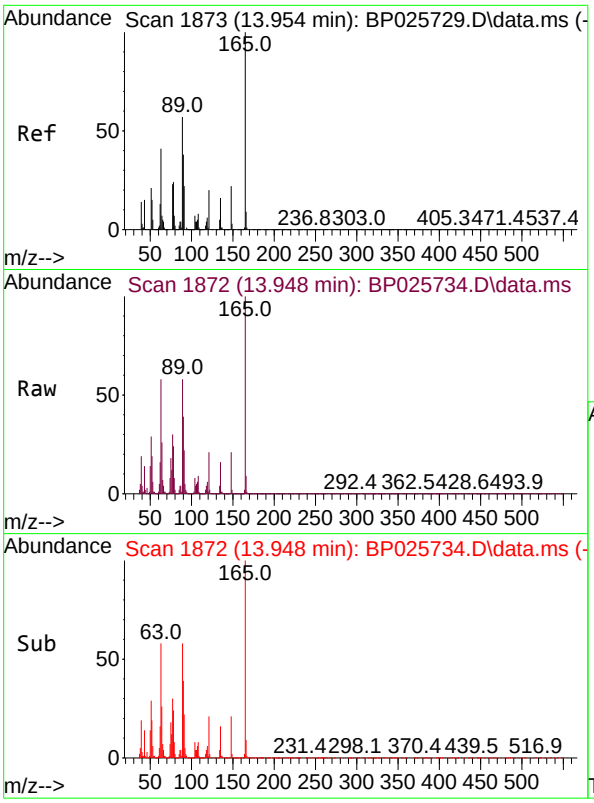


#50
Dimethylphthalate
Concen: 39.480 ng
RT: 13.836 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:163 Resp: 1131460

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	8.2	12.2

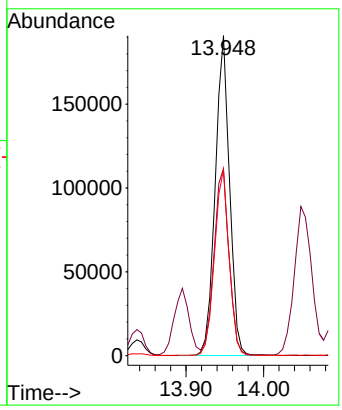




#51
2,6-Dinitrotoluene
Concen: 40.363 ng
RT: 13.948 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:165 Resp: 24508

Ion	Ratio	Lower	Upper
165	100		
63	58.4	48.1	72.1
89	58.1	45.4	68.0



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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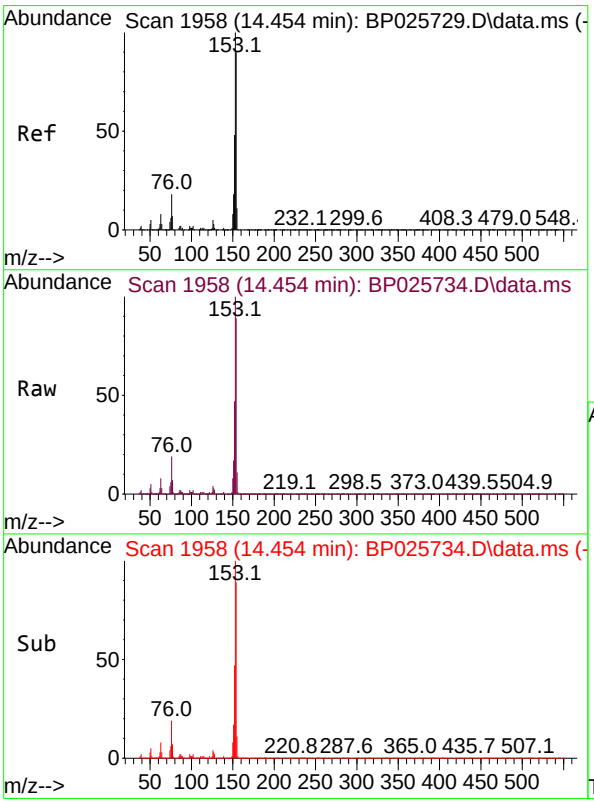
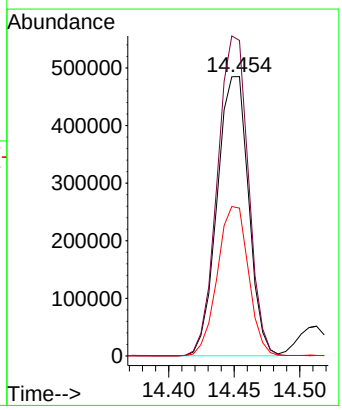
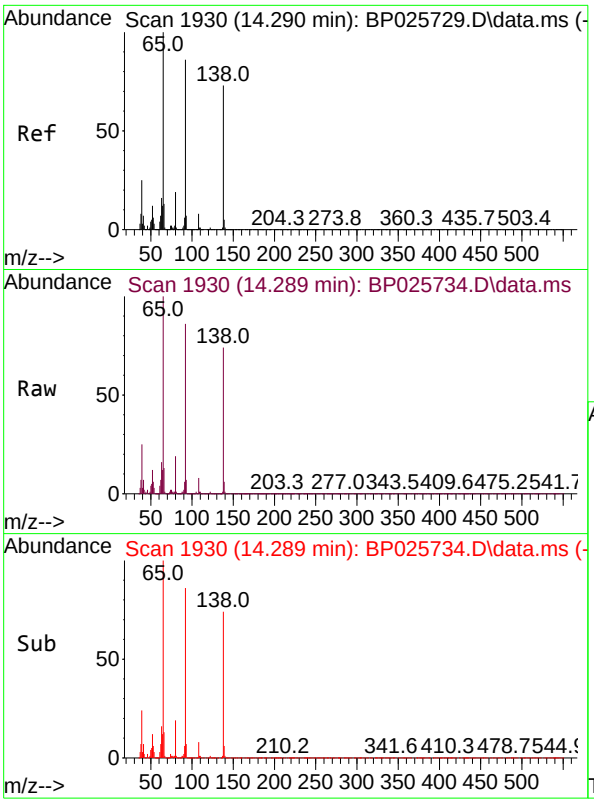


#52
Acenaphthene
Concen: 39.008 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:154 Resp: 808647

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.4	134.0
152	52.9	42.5	63.7

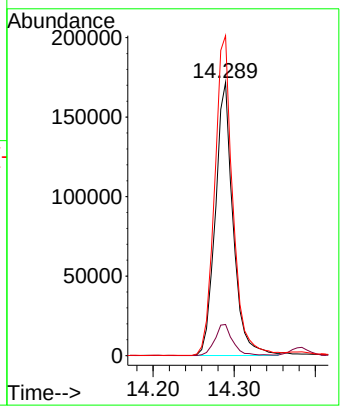




#53
3-Nitroaniline
Concen: 40.770 ng
RT: 14.289 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:138 Resp: 26032

Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.7	13.1
92	117.1	94.6	142.0



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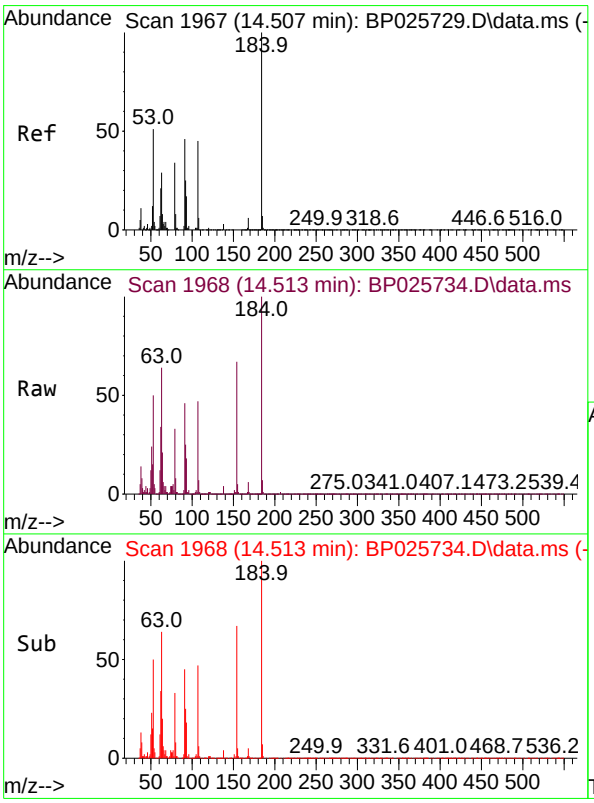
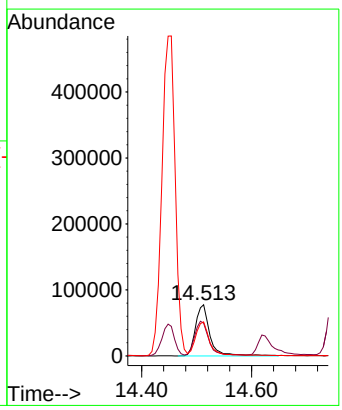
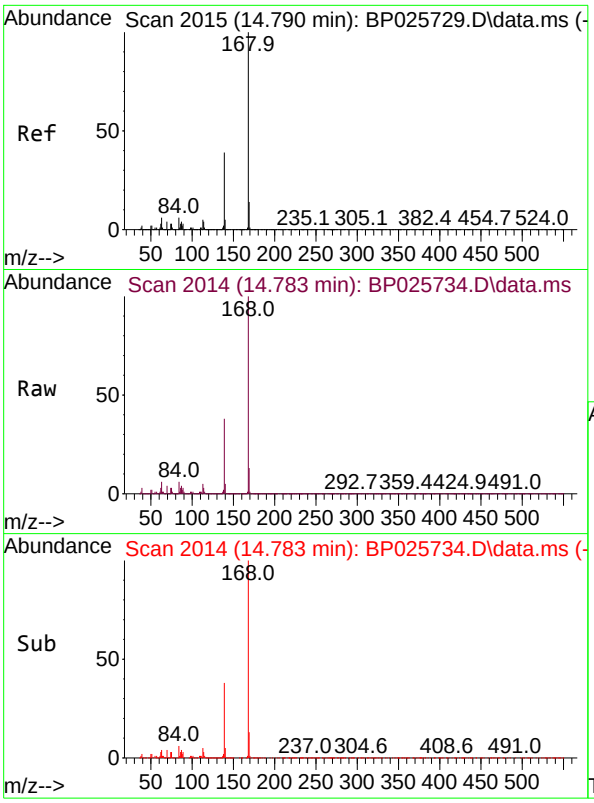


#54
2,4-Dinitrophenol
Concen: 38.055 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:184 Resp: 139609

Ion	Ratio	Lower	Upper
184	100		
63	64.0	52.5	78.7
154	66.5	51.5	77.3

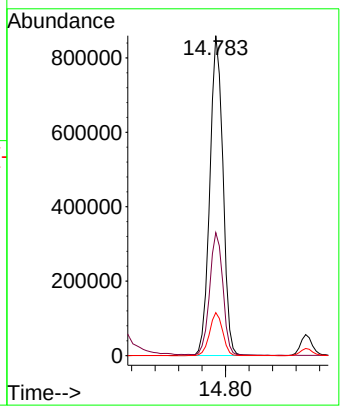




#55
Dibenzofuran
Concen: 39.353 ng
RT: 14.783 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:168 Resp: 132961

Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.7	47.5
169	13.4	10.8	16.2



Instrument :
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ClientSampleId :
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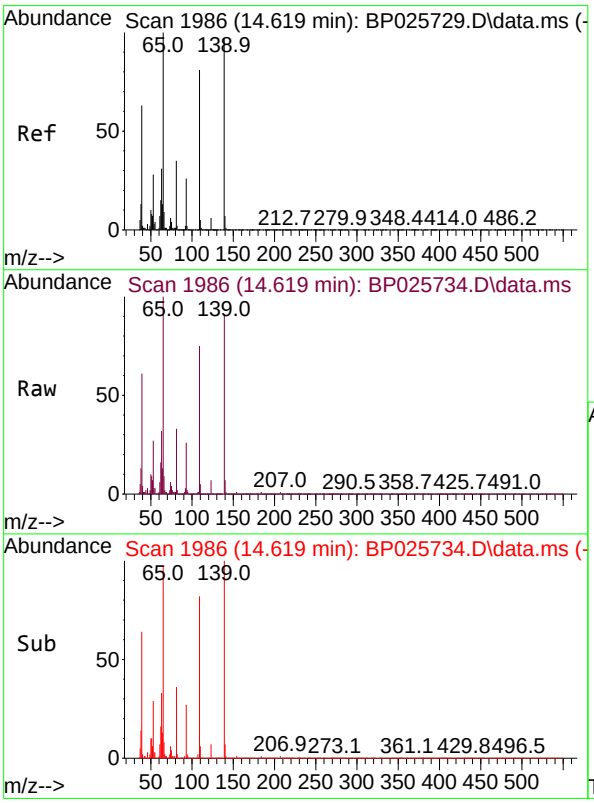
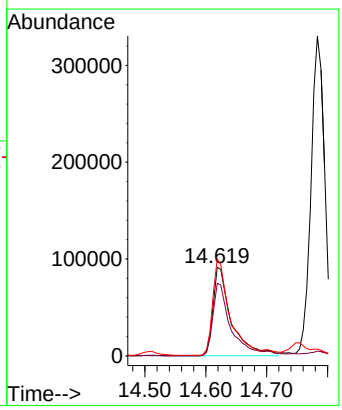
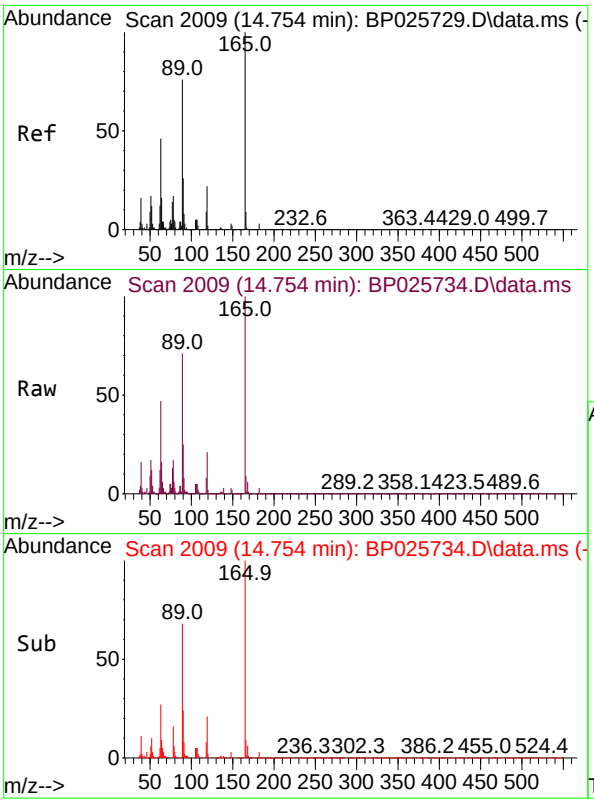


#56
4-Nitrophenol
Concen: 37.582 ng
RT: 14.619 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:139 Resp: 192803

Ion	Ratio	Lower	Upper
139	100		
109	81.9	62.9	102.9
65	109.3	83.4	123.4

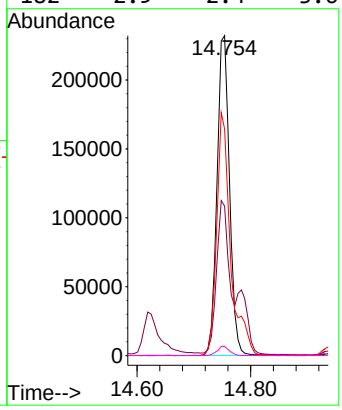




#57
2,4-Dinitrotoluene
Concen: 40.928 ng
RT: 14.754 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:165 Resp: 353669

Ion	Ratio	Lower	Upper
165	100		
63	46.7	37.7	56.5
89	70.8	61.0	91.6
182	2.9	2.4	3.6



Instrument :
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ClientSampleId :
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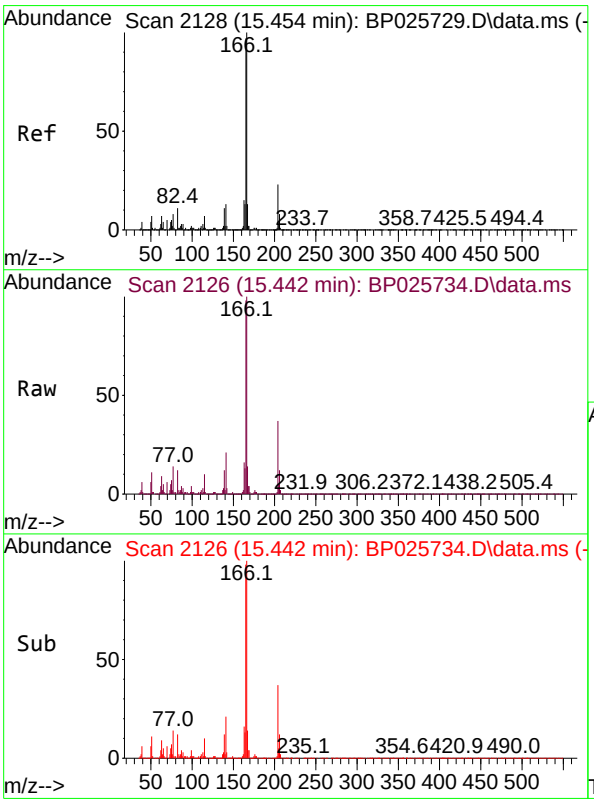
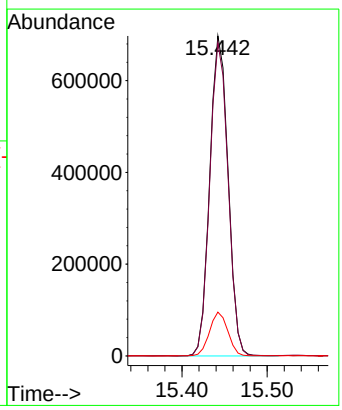
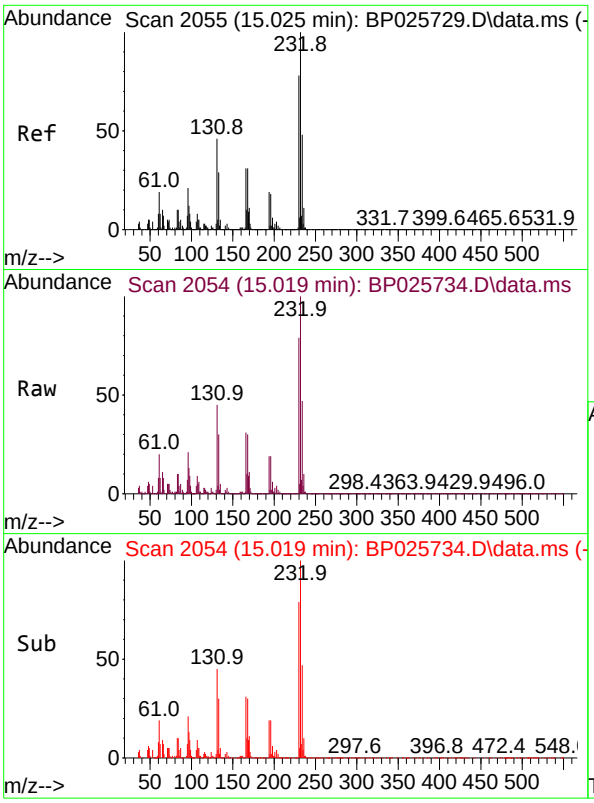


#58
Fluorene
Concen: 38.831 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:166 Resp: 1043250

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.7	116.5
167	13.7	10.6	16.0

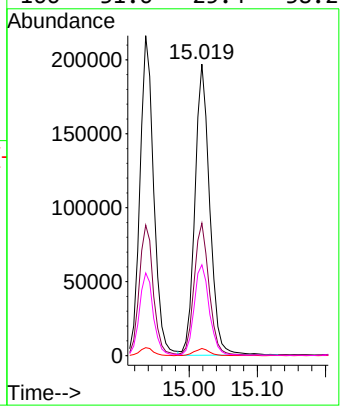




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.712 ng
RT: 15.019 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:232 Resp: 297719

Ion	Ratio	Lower	Upper
232	100		
131	45.5	36.7	55.1
130	2.6	2.0	3.0
166	31.6	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
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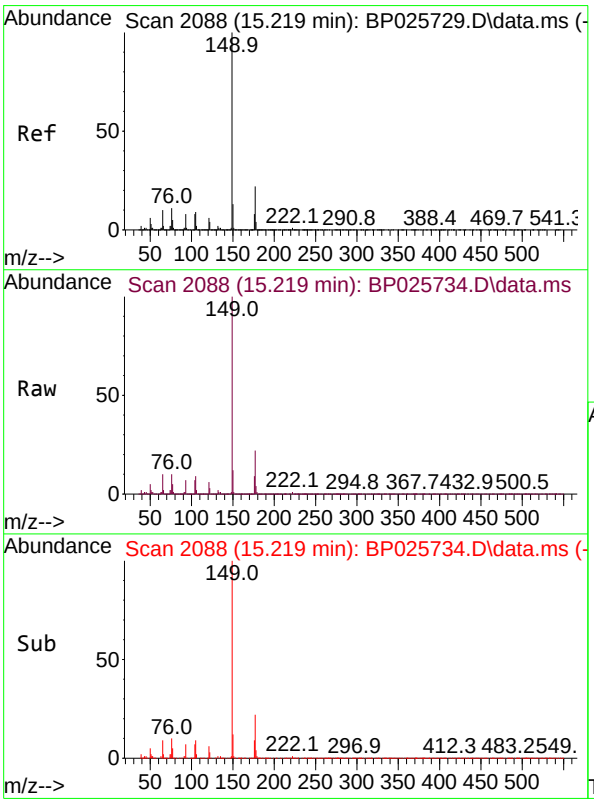
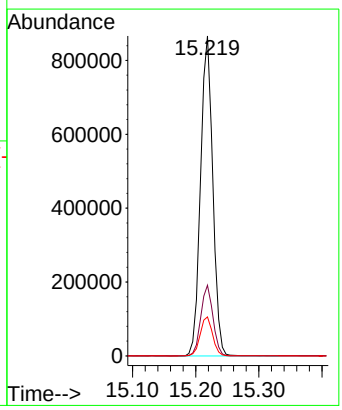
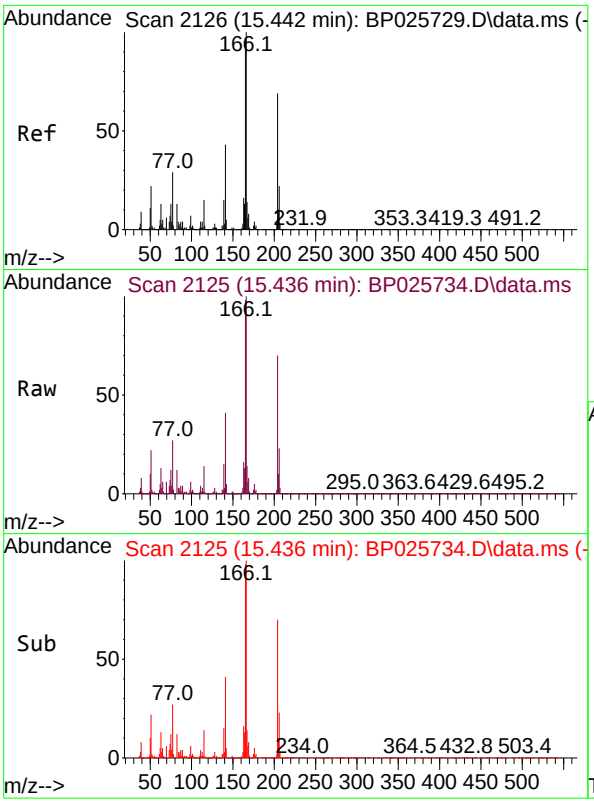


#60
Diethylphthalate
Concen: 40.039 ng
RT: 15.219 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:149 Resp: 1163950

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.7	26.5
150	12.2	10.0	15.0

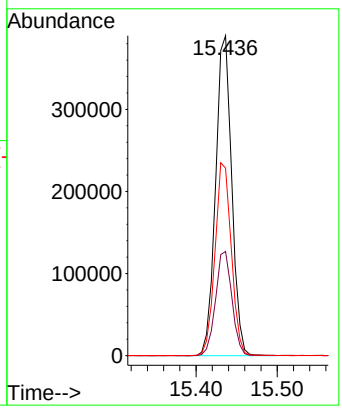




#61
4-Chlorophenyl-phenylether
Concen: 39.592 ng
RT: 15.436 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:204 Resp: 536069

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.0	39.0
141	58.6	49.7	74.5



Instrument :
BNA_P
ClientSampleId :
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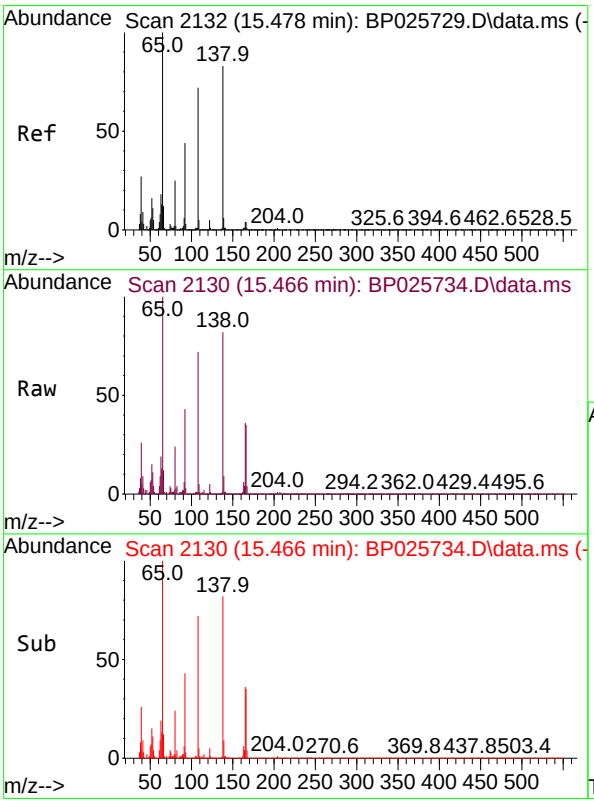
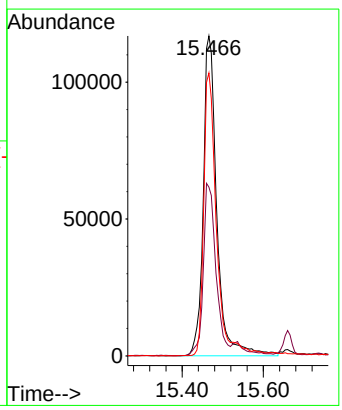
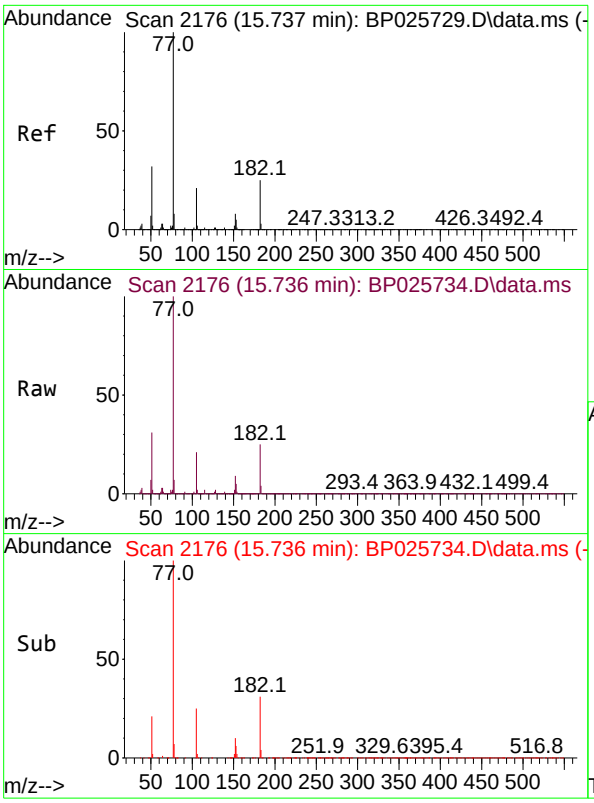


#62
4-Nitroaniline
Concen: 41.707 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:138 Resp: 272817

Ion	Ratio	Lower	Upper
138	100		
92	52.7	33.3	73.3
108	88.4	66.7	106.7

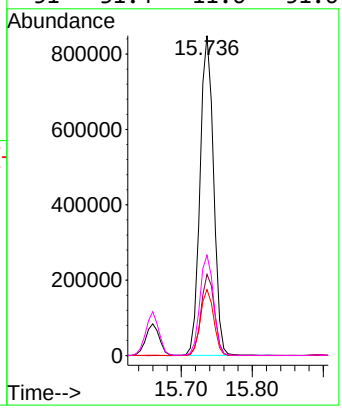




#63
Azobenzene
Concen: 39.657 ng
RT: 15.736 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 77 Resp: 111473

Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.2	45.2
105	20.6	1.1	41.1
51	31.4	11.6	51.6



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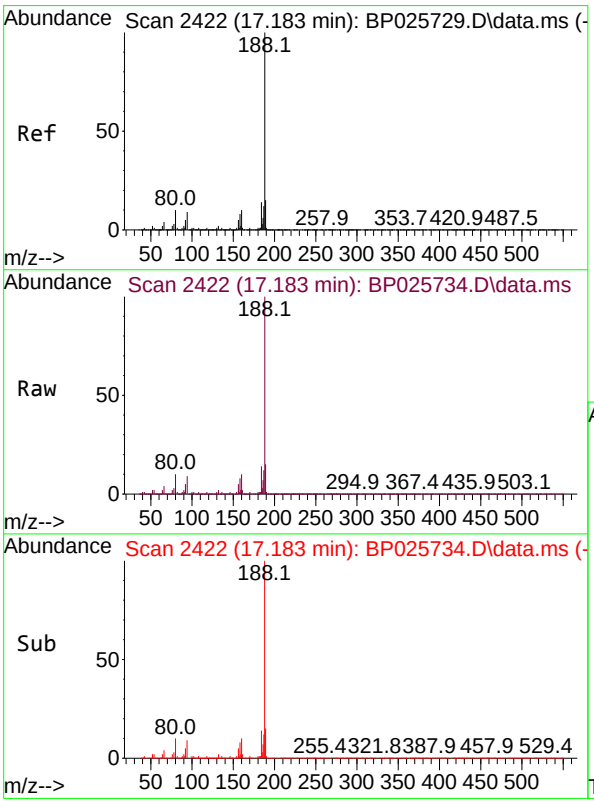
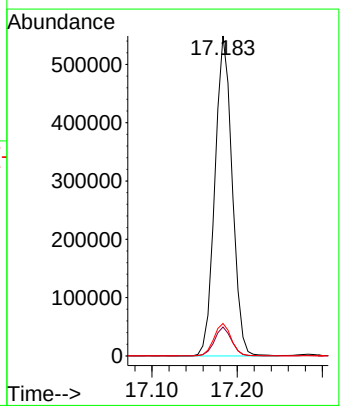
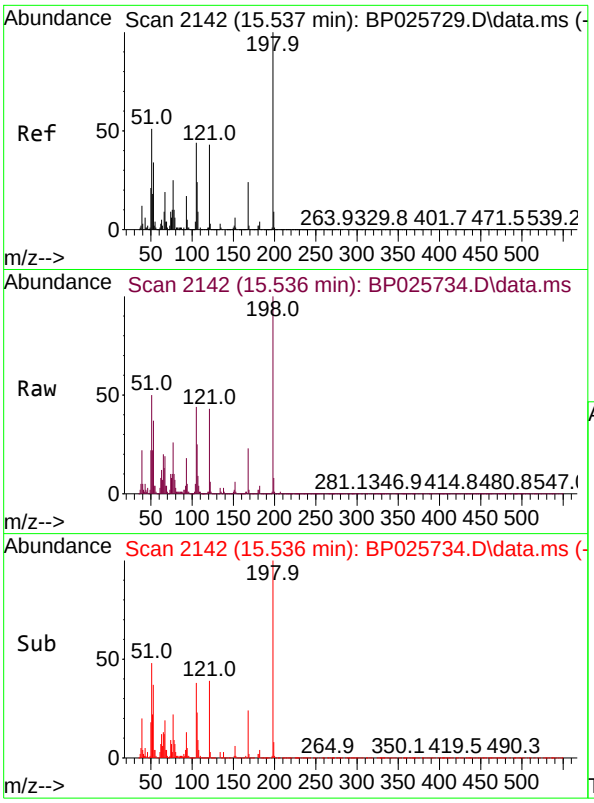


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:188 Resp: 771844

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.0
80	10.1	7.7	11.5

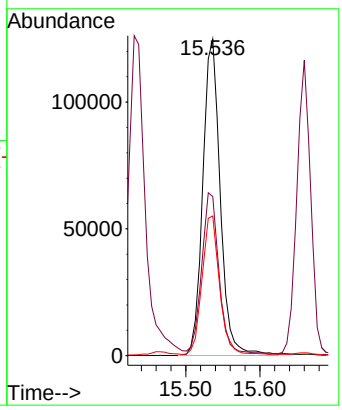




#65
4,6-Dinitro-2-methylphenol
Concen: 39.916 ng
RT: 15.536 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:198 Resp: 20488

Ion	Ratio	Lower	Upper
198	100		
51	50.3	33.4	73.4
105	44.1	24.3	64.3



Instrument :
BNA_P
ClientSampleId :
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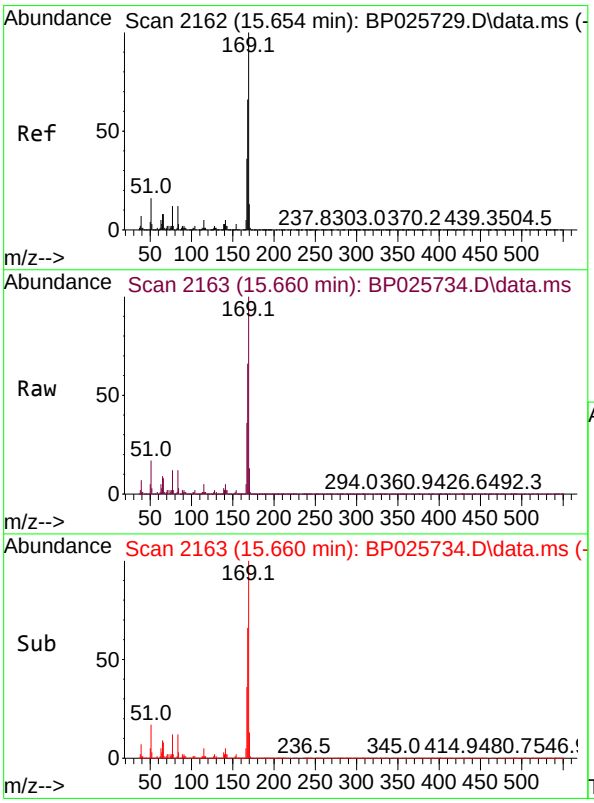
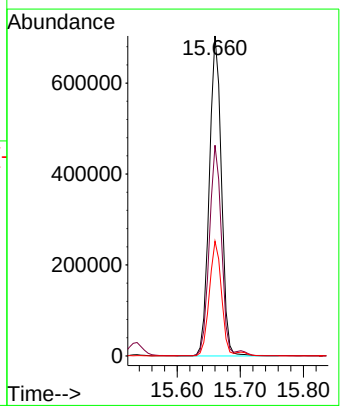
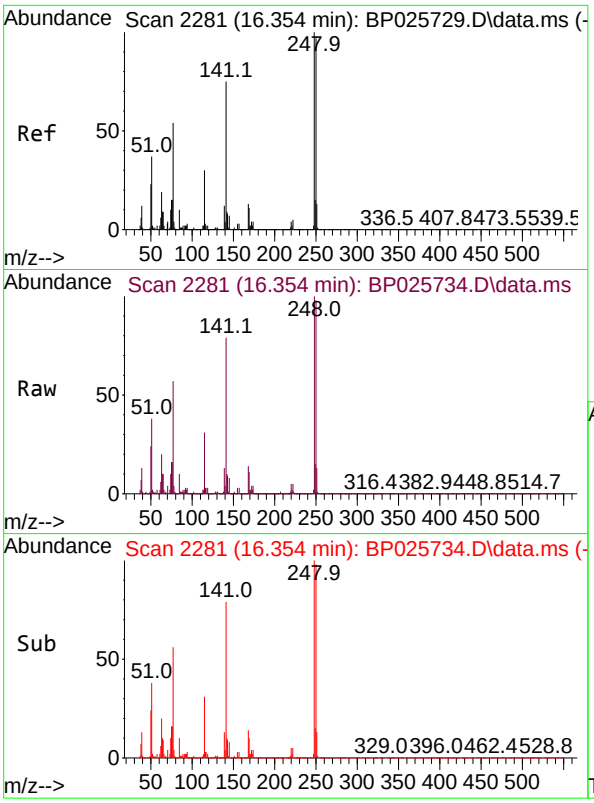


#66
n-Nitrosodiphenylamine
Concen: 39.780 ng
RT: 15.660 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:169 Resp: 939618

Ion	Ratio	Lower	Upper
169	100		
168	65.8	52.6	78.8
167	35.8	28.5	42.7

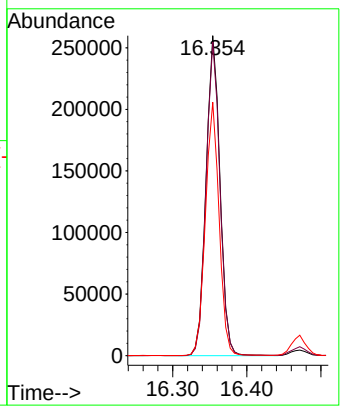




#67
4-Bromophenyl-phenylether
Concen: 40.075 ng
RT: 16.354 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:248 Resp: 33981

Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.5	116.3
141	79.2	60.2	90.4



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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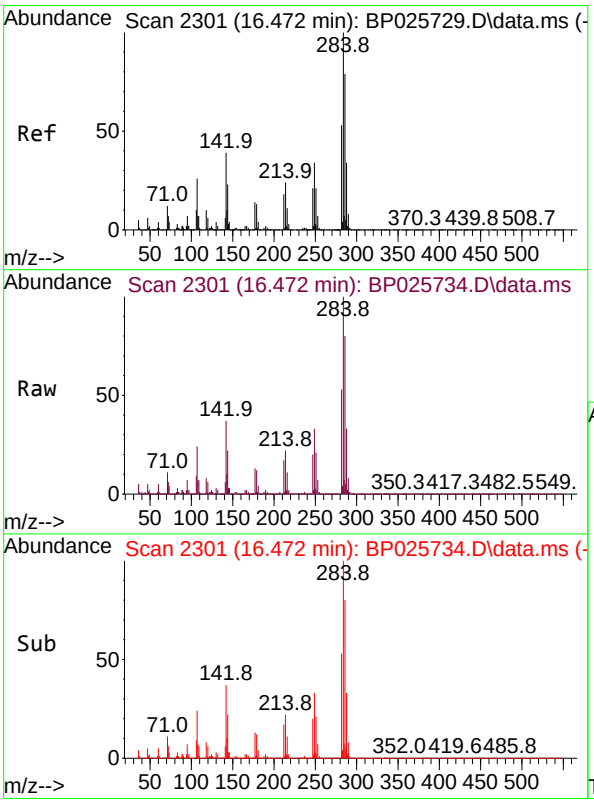
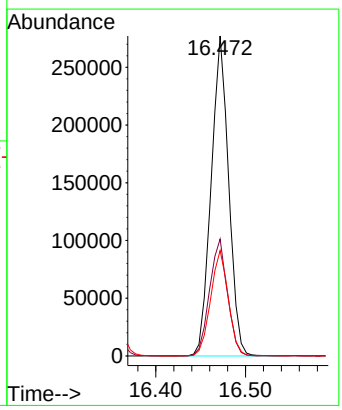
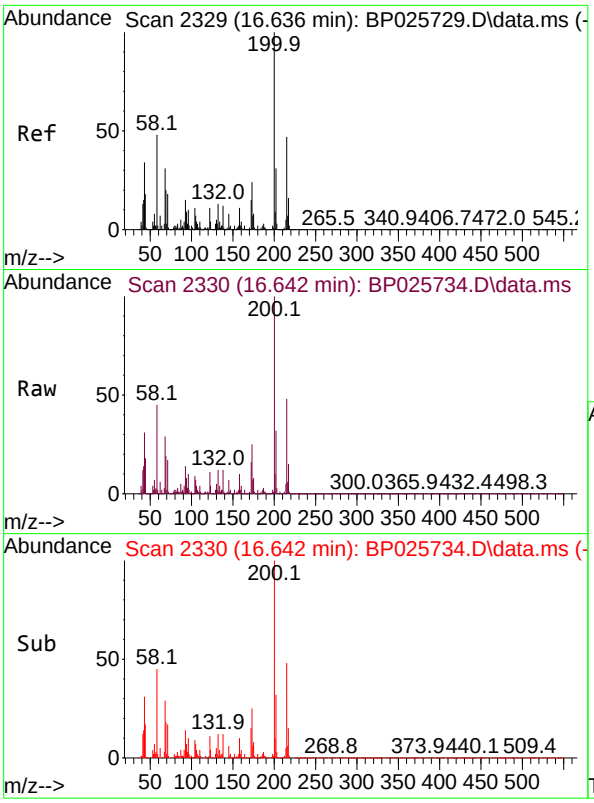


#68
Hexachlorobenzene
Concen: 39.667 ng
RT: 16.472 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:284 Resp: 375085

Ion	Ratio	Lower	Upper
284	100		
142	36.5	31.3	46.9
249	32.9	27.3	40.9

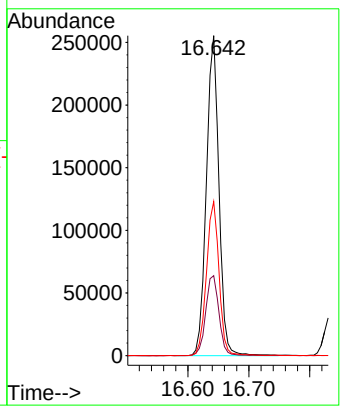




#69
Atrazine
Concen: 40.399 ng
RT: 16.642 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:200 Resp: 36475

Ion	Ratio	Lower	Upper
200	100		
173	25.0	4.2	44.2
215	48.1	27.3	67.3



Instrument :
BNA_P
ClientSampleId :
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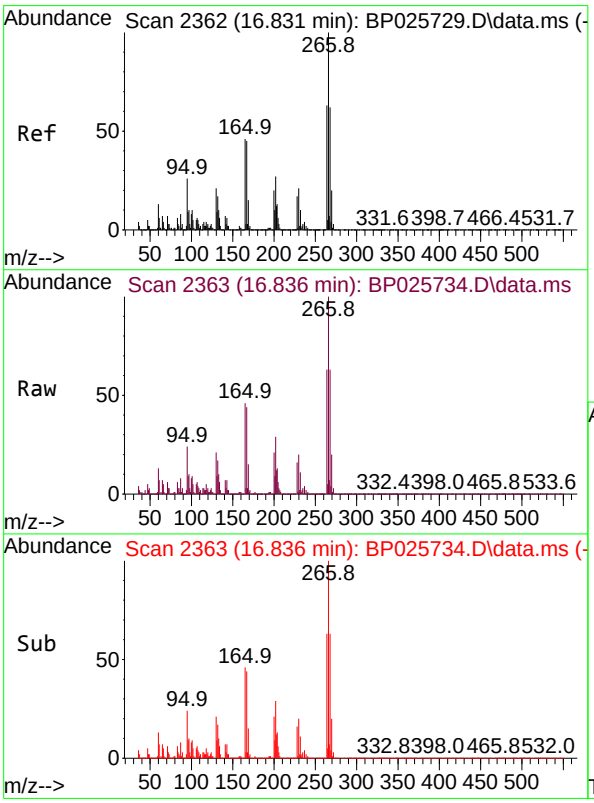
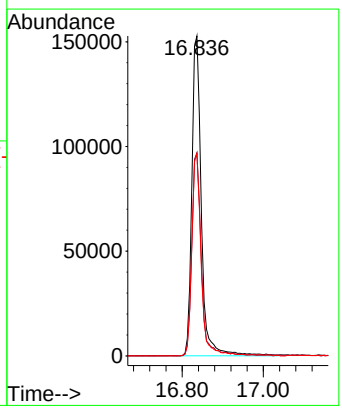
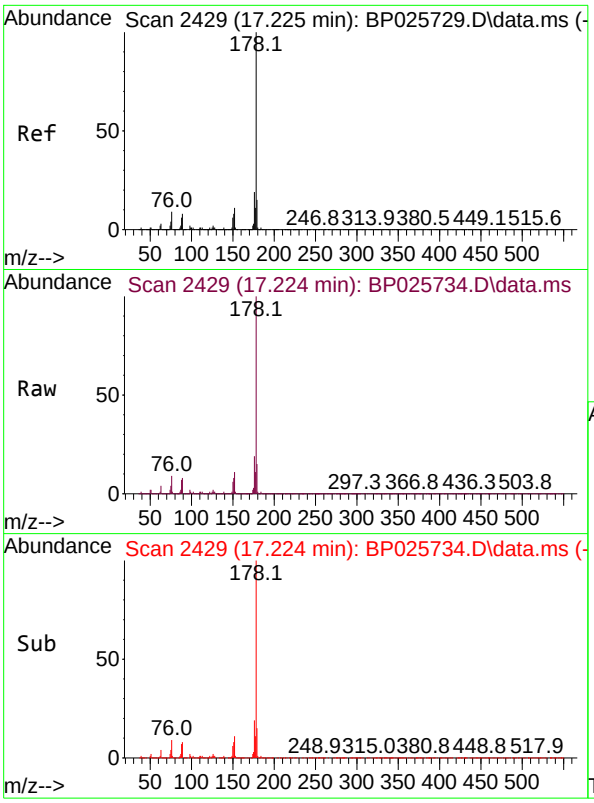


#70
Pentachlorophenol
Concen: 39.784 ng
RT: 16.836 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:266 Resp: 248287

Ion	Ratio	Lower	Upper
266	100		
268	63.5	49.8	74.8
264	63.2	50.2	75.2

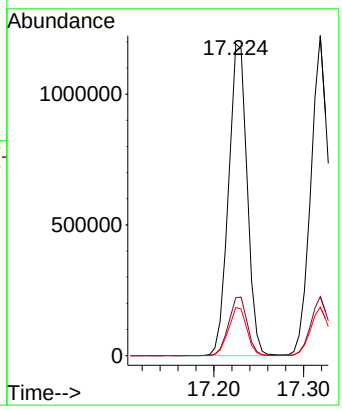




#71
Phenanthrene
Concen: 39.210 ng
RT: 17.224 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:178 Resp: 171673

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.5	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
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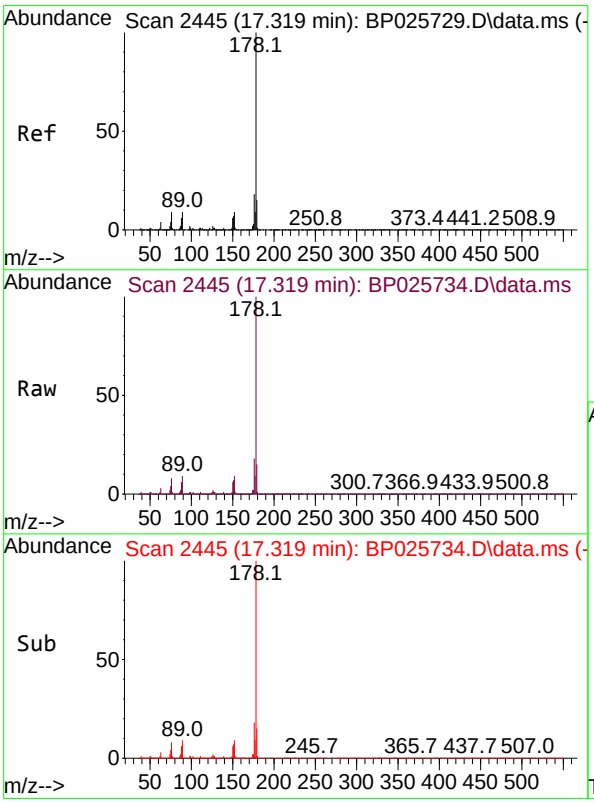
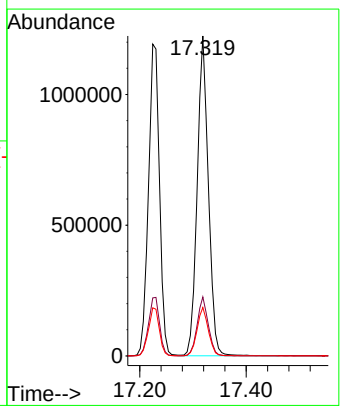
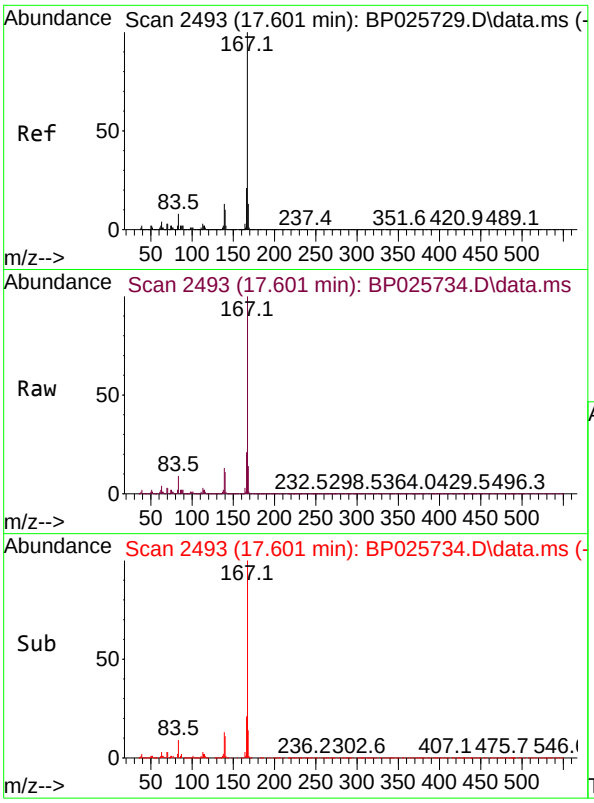


#72
Anthracene
Concen: 40.026 ng
RT: 17.319 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:178 Resp: 1778123

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.1	12.2	18.4

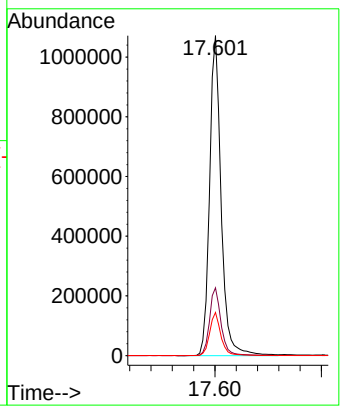




#73
Carbazole
Concen: 39.095 ng
RT: 17.601 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:167 Resp: 161464

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	13.5	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
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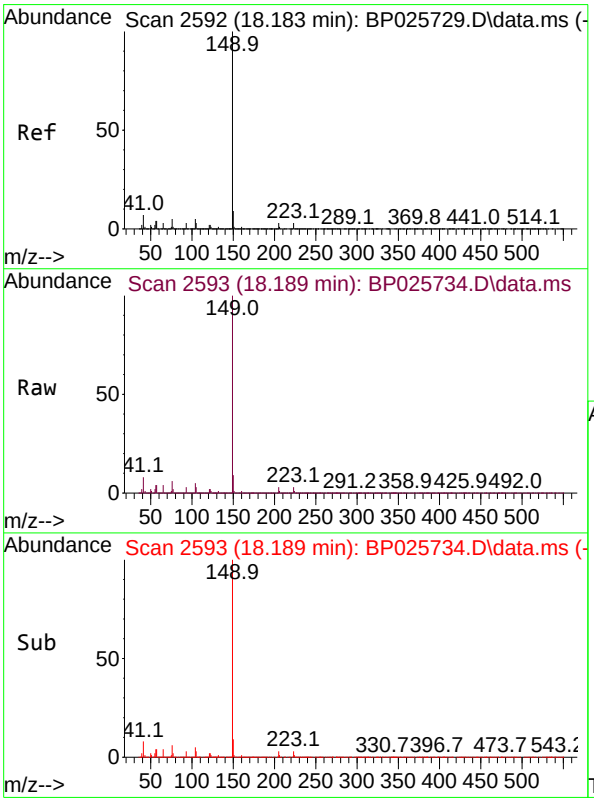
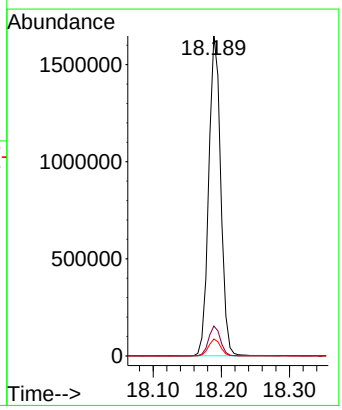
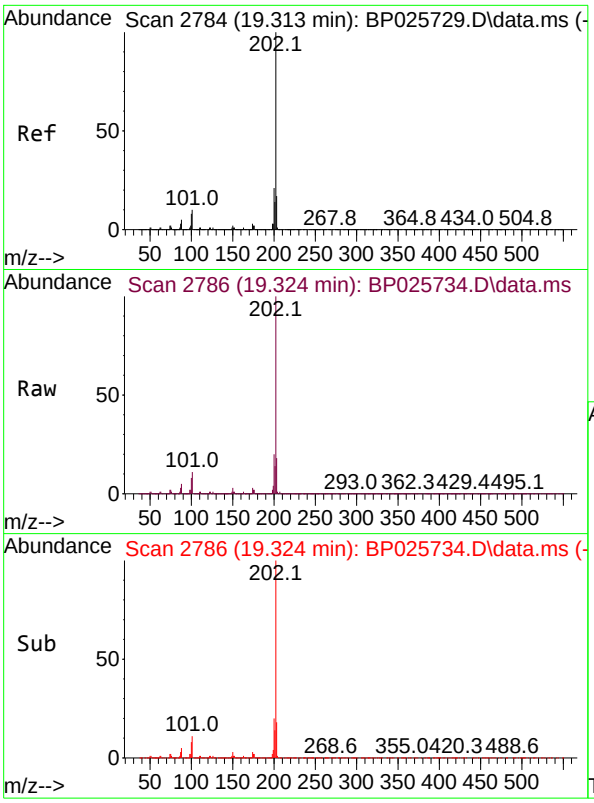


#74
Di-n-butylphthalate
Concen: 39.763 ng
RT: 18.189 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:149 Resp: 2015320

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.3	4.3	6.5

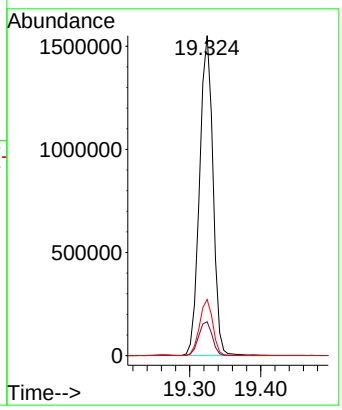




#75
Fluoranthene
Concen: 38.475 ng
RT: 19.324 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:202 Resp: 2020319

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.4
203	17.6	0.0	37.4



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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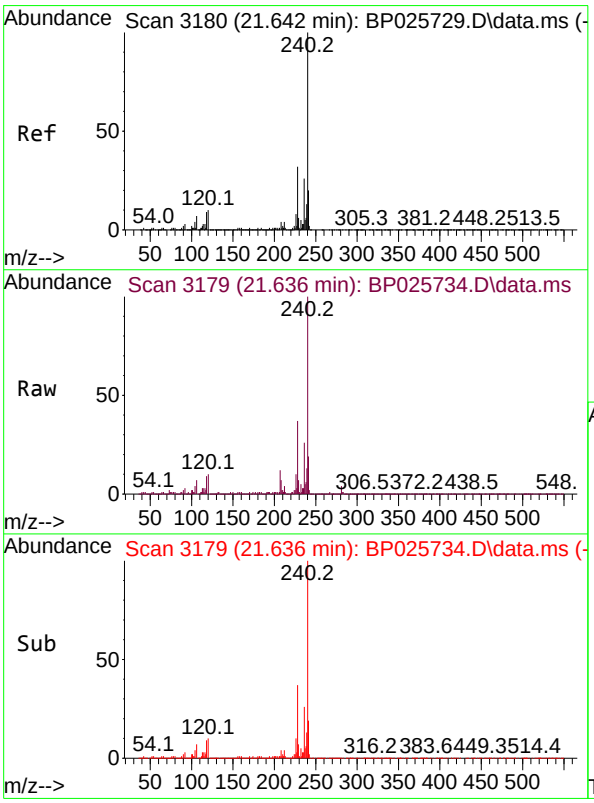
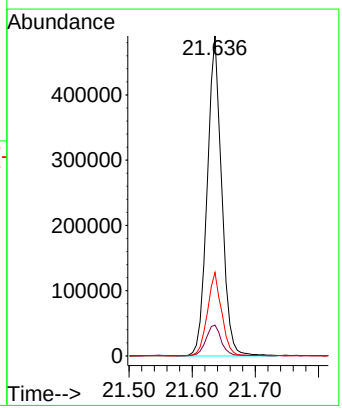
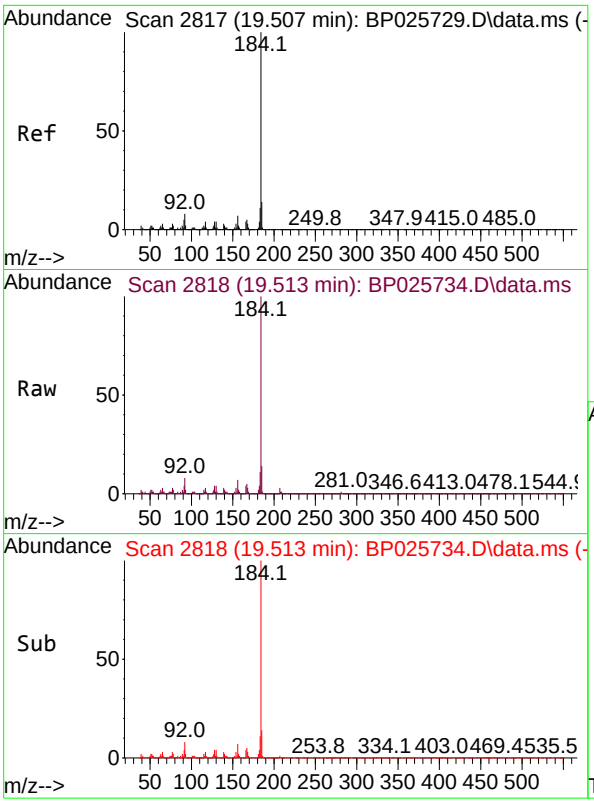


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:240 Resp: 780297

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.0	12.0
236	26.1	20.7	31.1

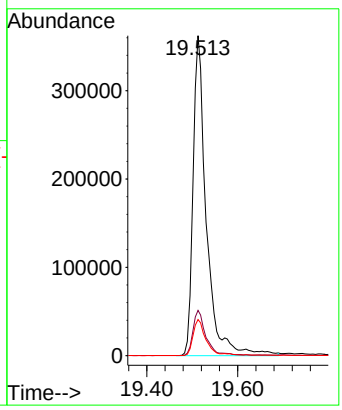




#77
Benzidine
Concen: 32.730 ng m
RT: 19.513 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:184 Resp: 735659

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.3	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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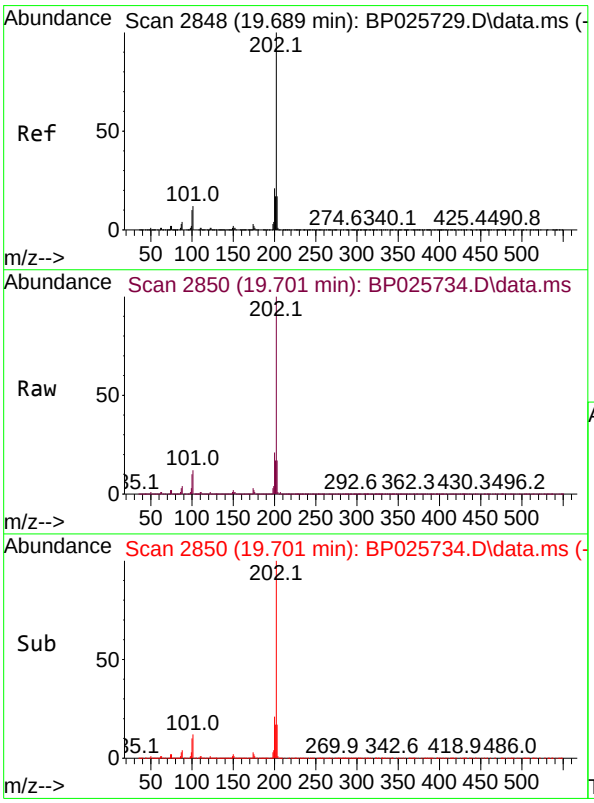
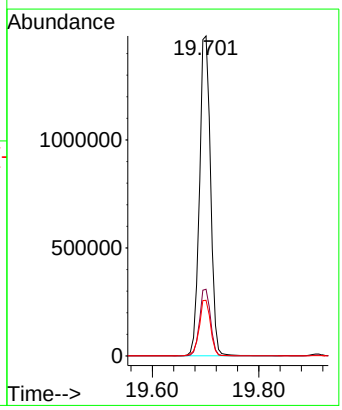
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

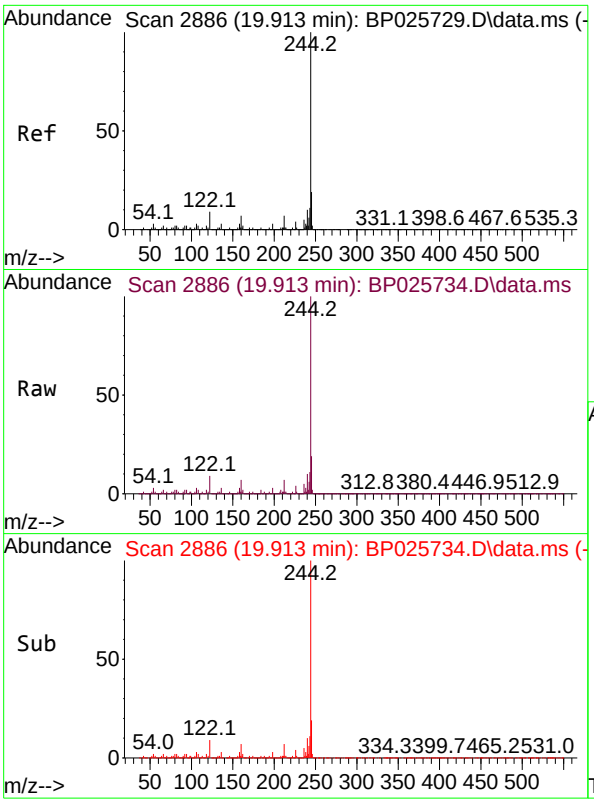


#78
Pyrene
Concen: 40.759 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:202 Resp: 2122125

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.6
203	17.4	13.9	20.9





#79
Terphenyl-d14
Concen: 70.424 ng
RT: 19.913 min Scan# 28
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Tgt Ion:244 Resp: 3054578

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.2	7.1	10.7

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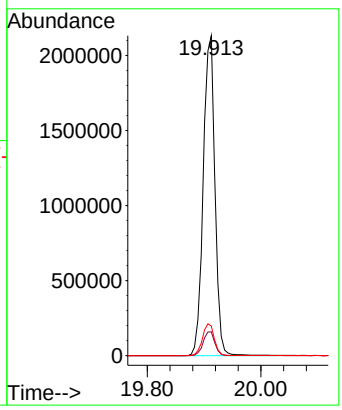
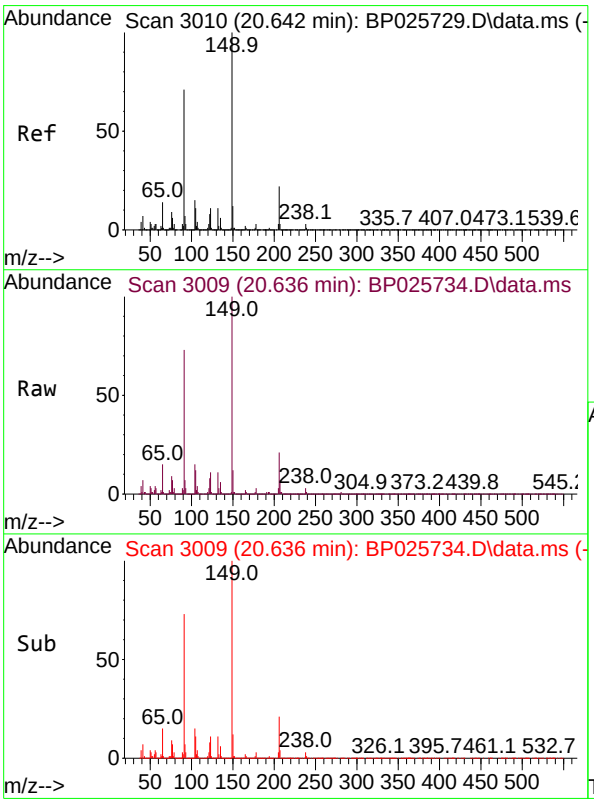
Supervised By :Jagrut Upadhyay 09/12/2025

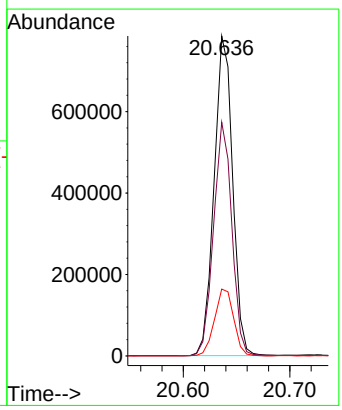


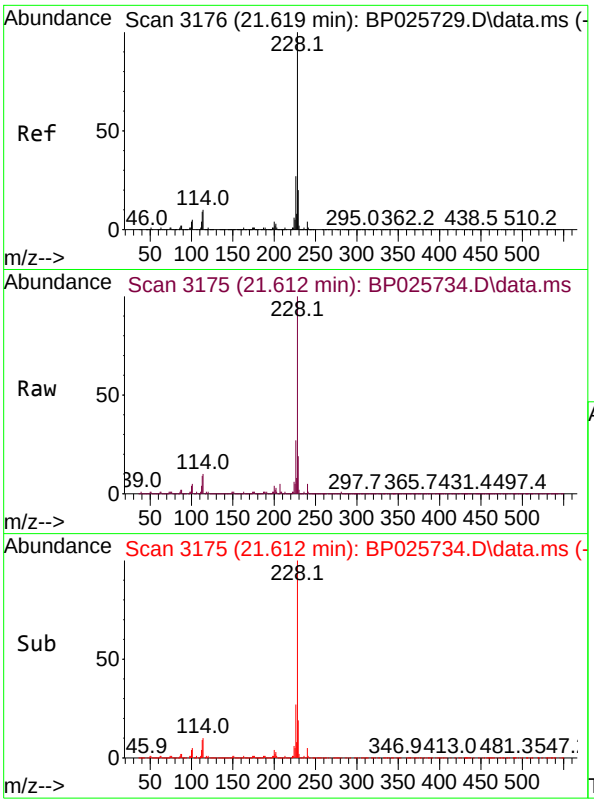


#80
Butylbenzylphthalate
Concen: 41.644 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:149 Resp: 950670

Ion	Ratio	Lower	Upper
149	100		
91	73.0	56.6	85.0
206	20.9	17.4	26.0

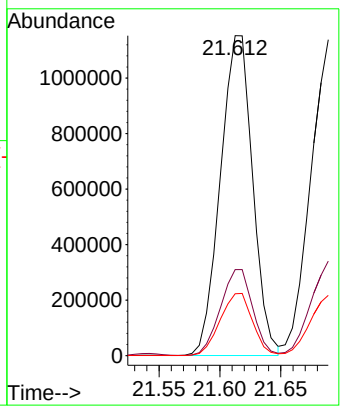




#81
Benzo(a)anthracene
Concen: 39.832 ng
RT: 21.612 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:228 Resp: 2127849

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.6	32.4
229	19.3	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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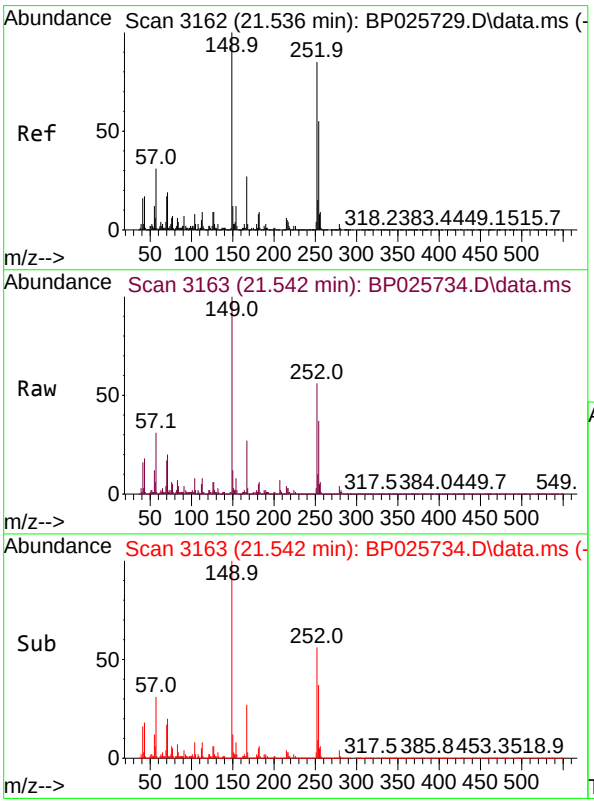
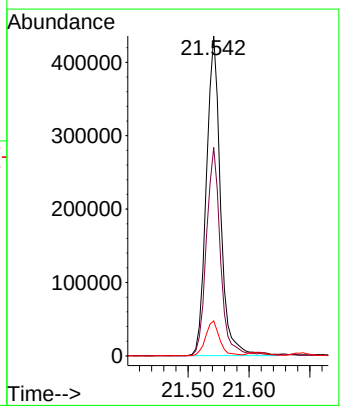
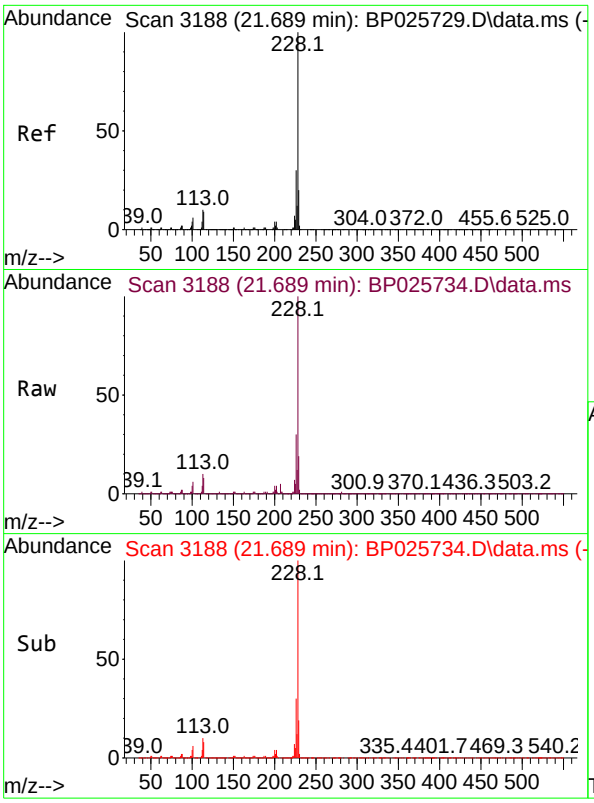


#82
3,3'-Dichlorobenzidine
Concen: 38.168 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:252 Resp: 705014

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.4	77.0
126	10.9	8.3	12.5

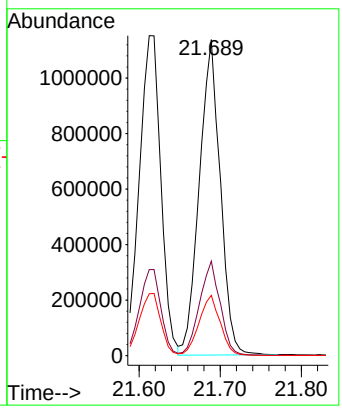




#83
Chrysene
Concen: 40.103 ng
RT: 21.689 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:228 Resp: 204218

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	19.1	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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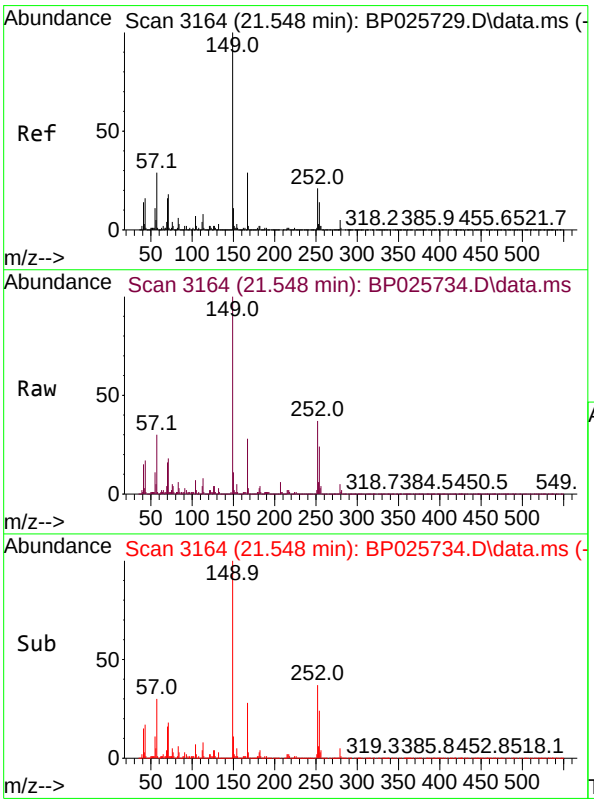
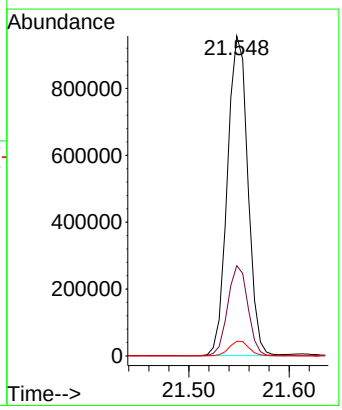
Supervised By :Jagrut Upadhyay 09/12/2025

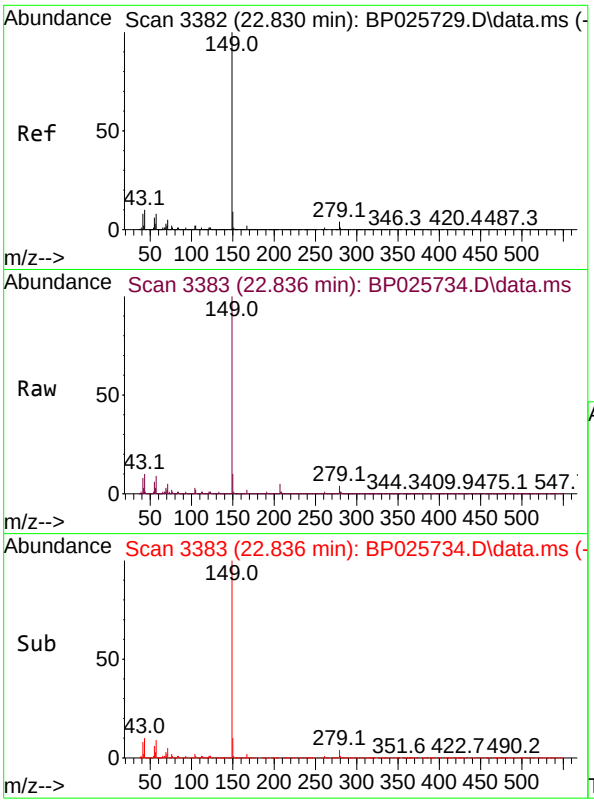


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.547 ng
RT: 21.548 min Scan# 3164
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:149 Resp: 1354255

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.9	34.3
279	4.6	3.8	5.8

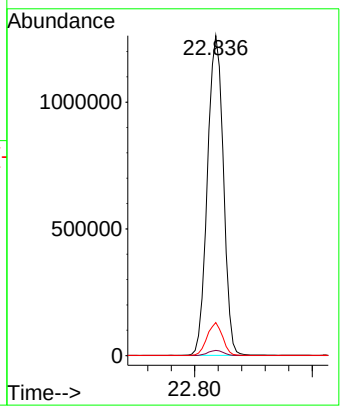




#85
Di-n-octyl phthalate
Concen: 39.973 ng
RT: 22.836 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:149 Resp: 237483

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.0	8.0	12.0



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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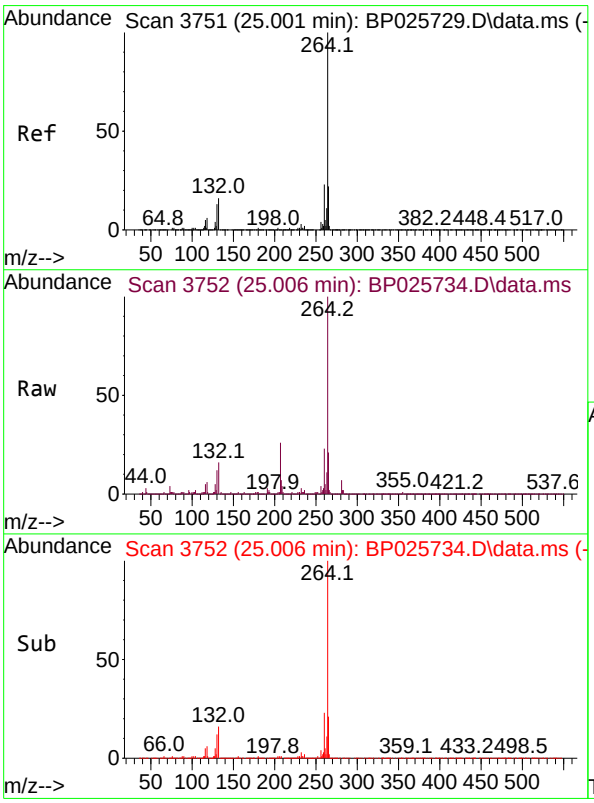
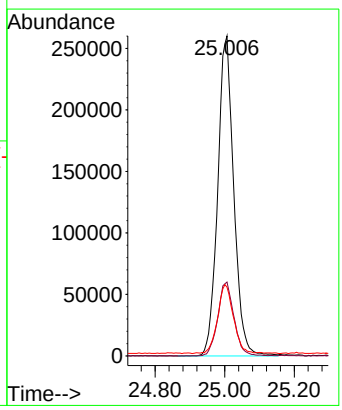
Supervised By :Jagrut Upadhyay 09/12/2025

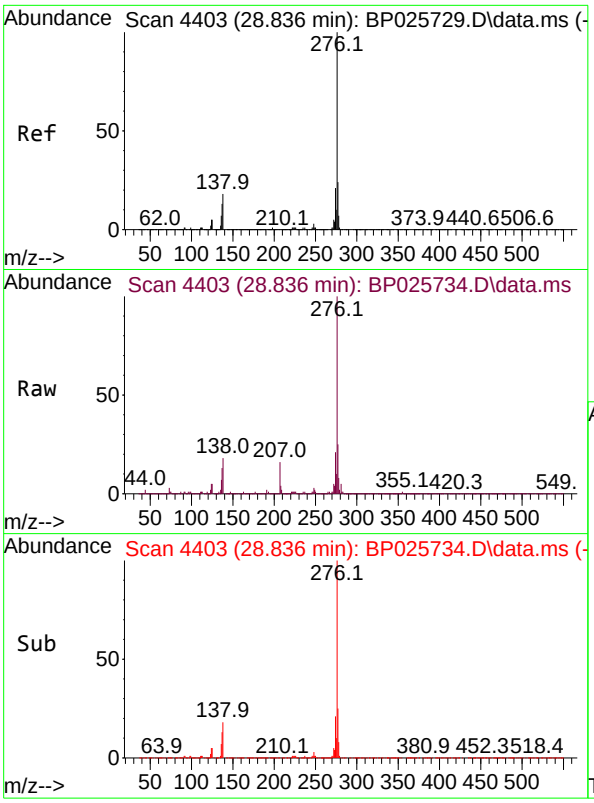


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3752
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:264 Resp: 833580

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	21.5	17.3	25.9

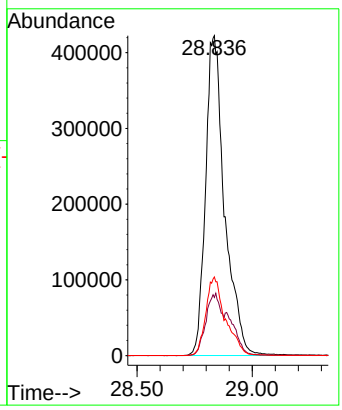




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.180 ng
RT: 28.836 min Scan# 44
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:276 Resp: 243571

Ion	Ratio	Lower	Upper
276	100		
138	15.7	13.4	20.2
277	25.1	9.1	13.7



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Manual Integrations
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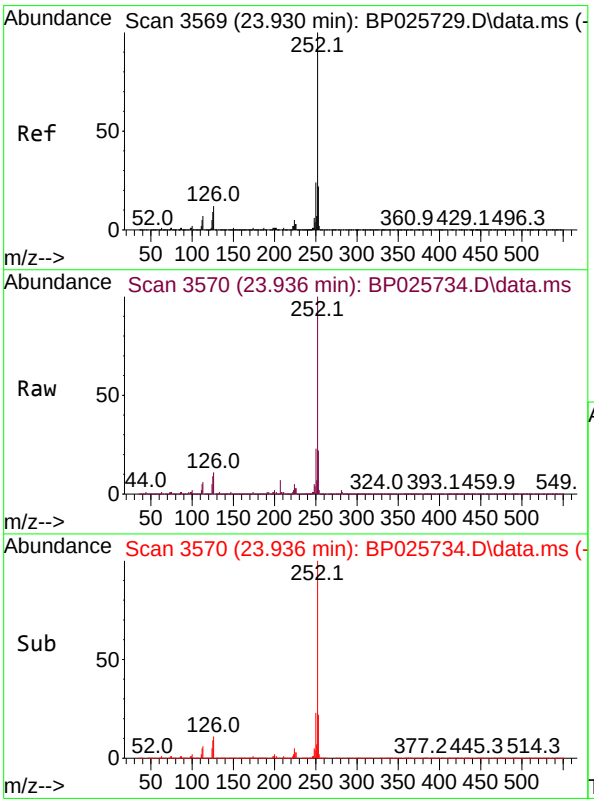
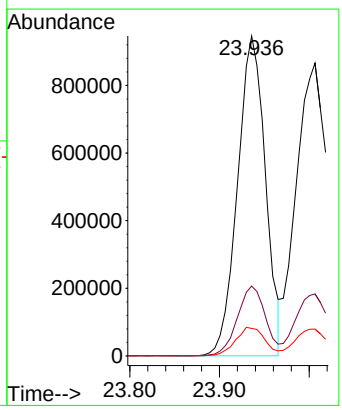
Supervised By :Jagrut Upadhyay 09/12/2025

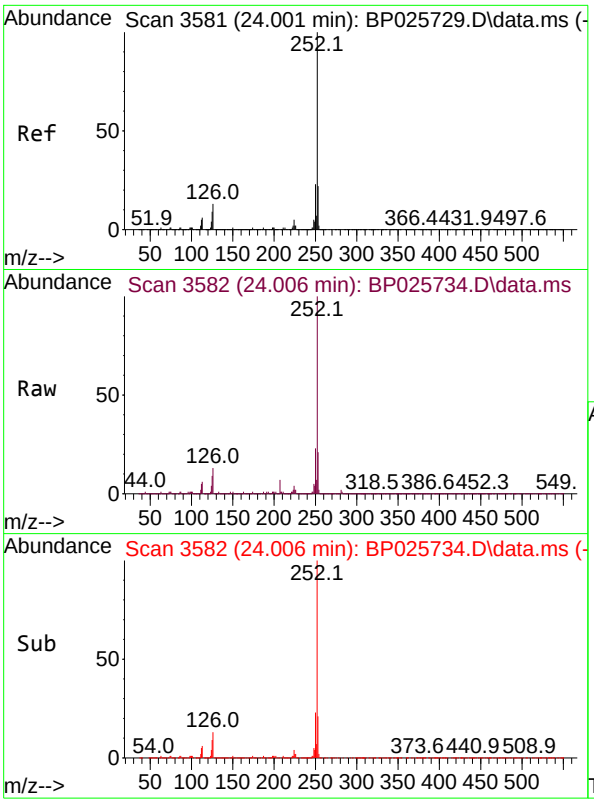


#88
Benzo(b)fluoranthene
Concen: 39.991 ng
RT: 23.936 min Scan# 3570
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:252 Resp: 2038540

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	8.6	7.3	10.9

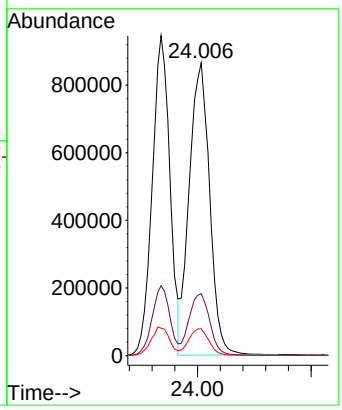




#89
Benzo(k)fluoranthene
Concen: 41.447 ng
RT: 24.006 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:252 Resp: 215590

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	9.2	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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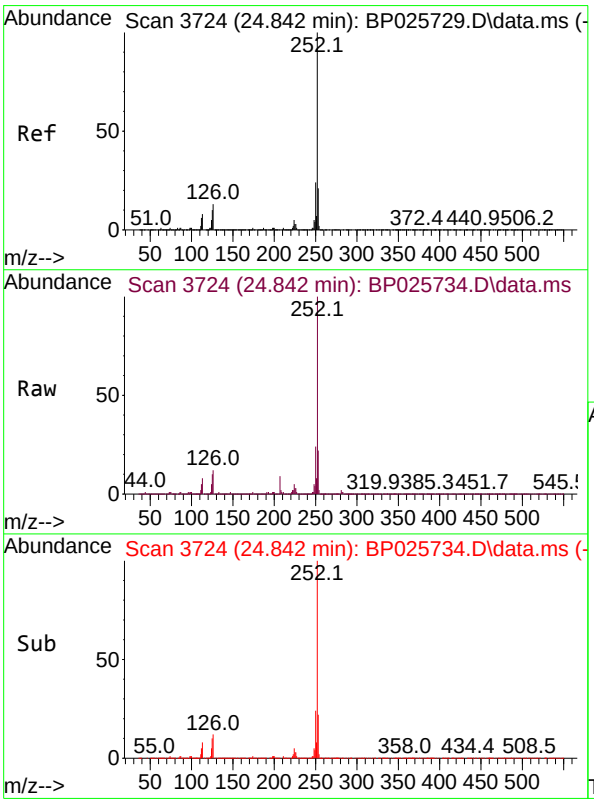
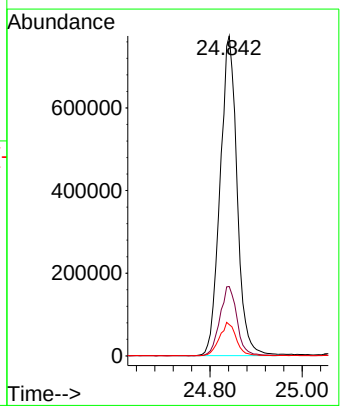
Supervised By :Jagrut Upadhyay 09/12/2025

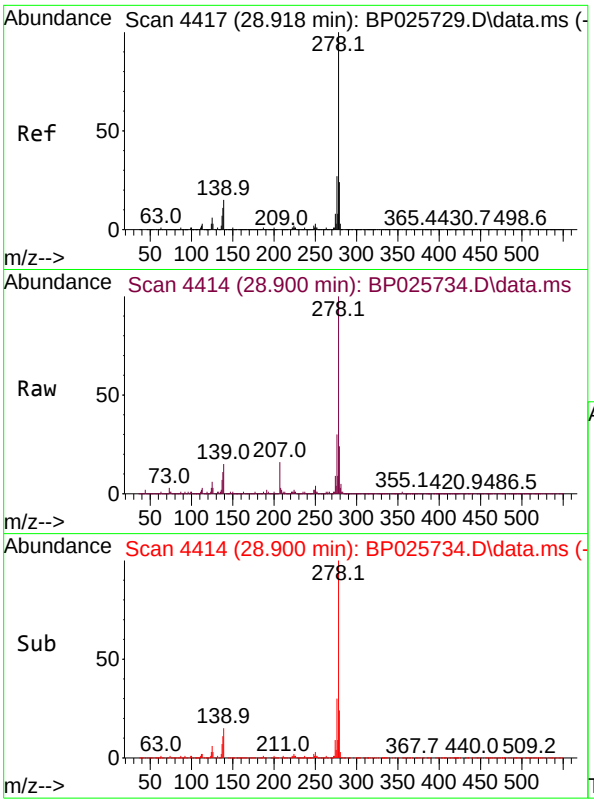


#90
Benzo(a)pyrene
Concen: 39.834 ng
RT: 24.842 min Scan# 3724
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:252 Resp: 1988484

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.8	8.3	12.5

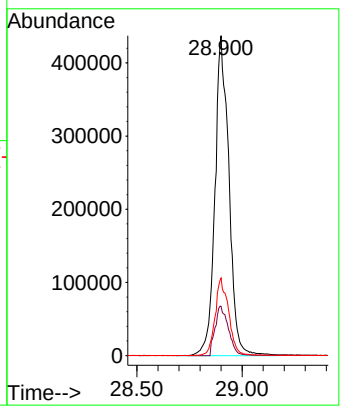




#91
Dibenzo(a,h)anthracene
Concen: 40.748 ng
RT: 28.900 min Scan# 44
Delta R.T. -0.018 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:278 Resp: 202139

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.1	18.1
279	24.2	19.6	29.4



Instrument :
BNA_P
ClientSampleId :
ICVBP091225

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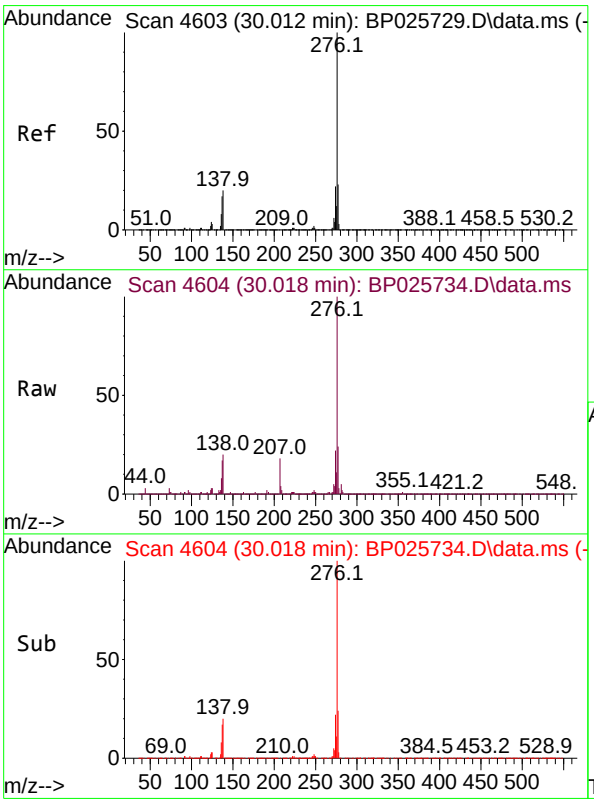
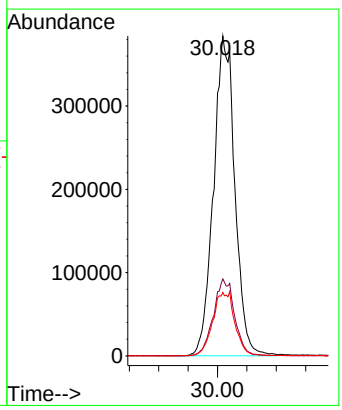


#92
Benzo(g,h,i)perylene
Concen: 39.644 ng
RT: 30.018 min Scan# 4604
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:276 Resp: 1934037

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	19.8	16.0	24.0



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	0.520	0.492	5.4	77	0.00
3		Pyridine	1.432	1.426	0.4	78	0.00
4		n-Nitrosodimethylamine	0.676	0.668	1.2	80	0.00
5	S	2-Fluorophenol	1.240	1.211	2.3	76	-0.01
6		Aniline	2.262	2.343	-3.6	80	-0.01
7	S	Phenol-d6	1.648	1.642	0.4	76	-0.01
8		2-Chlorophenol	1.360	1.398	-2.8	80	-0.01
9		Benzaldehyde	0.987	1.046	-6.0	103	0.00
10	C	Phenol	1.737	1.796	-3.4	79	0.00
11		bis(2-Chloroethyl)ether	1.396	1.427	-2.2	79	0.00
12		1,3-Dichlorobenzene	1.548	1.565	-1.1	80	0.00
13	C	1,4-Dichlorobenzene	1.576	1.591	-1.0	81	0.00
14		1,2-Dichlorobenzene	1.531	1.530	0.1	80	0.00
15		Benzyl Alcohol	1.361	1.409	-3.5	80	-0.01
16		2,2'-oxybis(1-Chloropropane	2.282	2.343	-2.7	81	-0.01
17		2-Methylphenol	1.171	1.236	-5.6	80	0.00
18		Hexachloroethane	0.602	0.610	-1.3	81	0.00
19	P	n-Nitroso-di-n-propylamine	1.149	1.257	-9.4	82	0.00
20		3+4-Methylphenols	1.640	1.686	-2.8	80	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	87	0.00
22		Acetophenone	0.534	0.549	-2.8	81	0.00
23	S	Nitrobenzene-d5	0.453	0.391	13.7	69	0.00
24		Nitrobenzene	0.407	0.412	-1.2	80	-0.01
25		Isophorone	0.797	0.808	-1.4	82	0.00
26	C	2-Nitrophenol	0.181	0.190	-5.0	81	0.00
27		2,4-Dimethylphenol	0.317	0.329	-3.8	80	0.00
28		bis(2-Chloroethoxy)methane	0.461	0.472	-2.4	82	-0.01
29	C	2,4-Dichlorophenol	0.316	0.327	-3.5	81	0.00
30		1,2,4-Trichlorobenzene	0.356	0.352	1.1	81	0.00
31		Naphthalene	1.078	1.068	0.9	81	0.00
32		Benzoic acid	0.236	0.243	-3.0	81	-0.01
33		4-Chloroaniline	0.449	0.476	-6.0	81	0.00
34	C	Hexachlorobutadiene	0.229	0.224	2.2	81	0.00
35		Caprolactam	0.122	0.121	0.8	80	0.00
36	C	4-Chloro-3-methylphenol	0.377	0.386	-2.4	81	0.00
37		2-Methylnaphthalene	0.693	0.700	-1.0	81	0.00
38		1-Methylnaphthalene	0.739	0.749	-1.4	81	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	90	0.00
40		1,2,4,5-Tetrachlorobenzene	0.606	0.607	-0.2	83	0.00
41	P	Hexachlorocyclopentadiene	0.330	0.334	-1.2	79	0.00
42	S	2,4,6-Tribromophenol	0.249	0.239	4.0	78	-0.01
43	C	2,4,6-Trichlorophenol	0.398	0.415	-4.3	84	0.00
44		2,4,5-Trichlorophenol	0.443	0.447	-0.9	80	0.00
45	S	2-Fluorobiphenyl	1.502	1.297	13.6	73	0.00
46		1,1'-Biphenyl	1.468	1.493	-1.7	84	0.00
47		2-Chloronaphthalene	1.156	1.132	2.1	82	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	0.385	0.395	-2.6	81	0.00
49		Acenaphthylene	1.915	1.907	0.4	83	0.00
50		Dimethylphthalate	1.527	1.507	1.3	82	0.00
51		2,6-Dinitrotoluene	0.324	0.326	-0.6	82	0.00
52	C	Acenaphthene	1.104	1.077	2.4	81	0.00
53		3-Nitroaniline	0.340	0.347	-2.1	79	0.00
54	P	2,4-Dinitrophenol	0.183	0.186	-1.6	80	0.00
55		Dibenzofuran	1.800	1.771	1.6	83	0.00
56	P	4-Nitrophenol	0.258	0.257	0.4	75	0.00
57		2,4-Dinitrotoluene	0.460	0.471	-2.4	81	0.00
58		Fluorene	1.431	1.390	2.9	81	-0.01
59		2,3,4,6-Tetrachlorophenol	0.399	0.397	0.5	80	0.00
60		Diethylphthalate	1.549	1.550	-0.1	85	0.00
61		4-Chlorophenyl-phenylether	0.721	0.714	1.0	83	0.00
62		4-Nitroaniline	0.349	0.363	-4.0	81	-0.01
63		Azobenzene	1.498	1.485	0.9	81	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	89	0.00
65		4,6-Dinitro-2-methylphenol	0.133	0.133	0.0	78	0.00
66	c	n-Nitrosodiphenylamine	0.612	0.609	0.5	81	0.00
67		4-Bromophenyl-phenylether	0.220	0.220	0.0	82	0.00
68		Hexachlorobenzene	0.245	0.243	0.8	83	0.00
69		Atrazine	0.234	0.236	-0.9	81	0.00
70	C	Pentachlorophenol	0.162	0.161	0.6	80	0.00
71		Phenanthrene	1.135	1.112	2.0	81	0.00
72		Anthracene	1.151	1.152	-0.1	83	0.00
73		Carbazole	1.070	1.046	2.2	79	0.00
74		Di-n-butylphthalate	1.313	1.306	0.5	81	0.00
75	C	Fluoranthene	1.361	1.309	3.8	80	0.01
76	I	Chrysene-d12	1.000	1.000	0.0	84	0.00
77		Benzidine	0.576	0.471	18.2	61	0.00
78		Pyrene	1.335	1.360	-1.9	80	0.01
79	S	Terphenyl-d14	1.112	0.979	12.0	70	0.00
80		Butylbenzylphthalate	0.585	0.609	-4.1	79	0.00
81		Benzo(a)anthracene	1.369	1.363	0.4	79	0.00
82		3,3'-Dichlorobenzidine	0.473	0.452	4.4	73	0.00
83		Chrysene	1.305	1.309	-0.3	80	0.00
84		Bis(2-ethylhexyl)phthalate	0.856	0.868	-1.4	77	0.00
85	c	Di-n-octyl phthalate	1.523	1.522	0.1	77	0.00
86	I	Perylene-d12	1.000	1.000	0.0	83	0.00
87		Indeno(1,2,3-cd)pyrene	1.454	1.461	-0.5	76	0.00
88		Benzo(b)fluoranthene	1.223	1.223	0.0	76	0.00
89		Benzo(k)fluoranthene	1.248	1.293	-3.6	80	0.00
90	C	Benzo(a)pyrene	1.198	1.193	0.4	76	0.00
91		Dibenzo(a,h)anthracene	1.190	1.212	-1.8	78	-0.02
92		Benzo(g,h,i)perylene	1.170	1.160	0.9	76	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	37.832	5.4	77	0.00
3		Pyridine	40.000	39.824	0.4	78	0.00
4		n-Nitrosodimethylamine	40.000	39.520	1.2	80	0.00
5	S	2-Fluorophenol	80.000	78.179	2.3	76	-0.01
6		Aniline	40.000	41.441	-3.6	80	-0.01
7	S	Phenol-d6	80.000	79.719	0.4	76	-0.01
8		2-Chlorophenol	40.000	41.125	-2.8	80	-0.01
9		Benzaldehyde	40.000	42.354	-5.9	103	0.00
10	C	Phenol	40.000	41.357	-3.4	79	0.00
11		bis(2-Chloroethyl)ether	40.000	40.910	-2.3	79	0.00
12		1,3-Dichlorobenzene	40.000	40.451	-1.1	80	0.00
13	C	1,4-Dichlorobenzene	40.000	40.380	-1.0	81	0.00
14		1,2-Dichlorobenzene	40.000	39.971	0.1	80	0.00
15		Benzyl Alcohol	40.000	41.411	-3.5	80	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	41.060	-2.7	81	-0.01
17		2-Methylphenol	40.000	42.200	-5.5	80	0.00
18		Hexachloroethane	40.000	40.508	-1.3	81	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	43.761	-9.4	82	0.00
20		3+4-Methylphenols	40.000	41.117	-2.8	80	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	87	0.00
22		Acetophenone	40.000	41.077	-2.7	81	0.00
23	S	Nitrobenzene-d5	80.000	69.063	13.7	69	0.00
24		Nitrobenzene	40.000	40.477	-1.2	80	-0.01
25		Isophorone	40.000	40.570	-1.4	82	0.00
26	C	2-Nitrophenol	40.000	42.019	-5.0	81	0.00
27		2,4-Dimethylphenol	40.000	41.566	-3.9	80	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.986	-2.5	82	-0.01
29	C	2,4-Dichlorophenol	40.000	41.410	-3.5	81	0.00
30		1,2,4-Trichlorobenzene	40.000	39.530	1.2	81	0.00
31		Naphthalene	40.000	39.618	1.0	81	0.00
32		Benzoic acid	40.000	41.287	-3.2	81	-0.01
33		4-Chloroaniline	40.000	42.370	-5.9	81	0.00
34	C	Hexachlorobutadiene	40.000	39.159	2.1	81	0.00
35		Caprolactam	40.000	39.662	0.8	80	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.986	-2.5	81	0.00
37		2-Methylnaphthalene	40.000	40.396	-1.0	81	0.00
38		1-Methylnaphthalene	40.000	40.566	-1.4	81	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	90	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.058	-0.1	83	0.00
41	P	Hexachlorocyclopentadiene	40.000	40.525	-1.3	79	0.00
42	S	2,4,6-Tribromophenol	80.000	76.715	4.1	78	-0.01
43	C	2,4,6-Trichlorophenol	40.000	41.695	-4.2	84	0.00
44		2,4,5-Trichlorophenol	40.000	40.344	-0.9	80	0.00
45	S	2-Fluorobiphenyl	80.000	69.102	13.6	73	0.00
46		1,1'-Biphenyl	40.000	40.692	-1.7	84	0.00
47		2-Chloronaphthalene	40.000	39.167	2.1	82	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	41.012	-2.5	81	0.00
49		Acenaphthylene	40.000	39.820	0.4	83	0.00
50		Dimethylphthalate	40.000	39.480	1.3	82	0.00
51		2,6-Dinitrotoluene	40.000	40.363	-0.9	82	0.00
52	C	Acenaphthene	40.000	39.008	2.5	81	0.00
53		3-Nitroaniline	40.000	40.770	-1.9	79	0.00
54	P	2,4-Dinitrophenol	40.000	38.055	4.9	80	0.00
55		Dibenzofuran	40.000	39.353	1.6	83	0.00
56	P	4-Nitrophenol	40.000	37.582	6.0	75	0.00
57		2,4-Dinitrotoluene	40.000	40.928	-2.3	81	0.00
58		Fluorene	40.000	38.831	2.9	81	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	39.712	0.7	80	0.00
60		Diethylphthalate	40.000	40.039	-0.1	85	0.00
61		4-Chlorophenyl-phenylether	40.000	39.592	1.0	83	0.00
62		4-Nitroaniline	40.000	41.707	-4.3	81	-0.01
63		Azobenzene	40.000	39.657	0.9	81	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	89	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.916	0.2	78	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.780	0.5	81	0.00
67		4-Bromophenyl-phenylether	40.000	40.075	-0.2	82	0.00
68		Hexachlorobenzene	40.000	39.667	0.8	83	0.00
69		Atrazine	40.000	40.399	-1.0	81	0.00
70	C	Pentachlorophenol	40.000	39.784	0.5	80	0.00
71		Phenanthrene	40.000	39.210	2.0	81	0.00
72		Anthracene	40.000	40.026	-0.1	83	0.00
73		Carbazole	40.000	39.095	2.3	79	0.00
74		Di-n-butylphthalate	40.000	39.763	0.6	81	0.00
75	C	Fluoranthene	40.000	38.475	3.8	80	0.01
76	I	Chrysene-d12	20.000	20.000	0.0	84	0.00
77		Benzidine	40.000	32.730	18.2	61	0.00
78		Pyrene	40.000	40.759	-1.9	80	0.01
79	S	Terphenyl-d14	80.000	70.424	12.0	70	0.00
80		Butylbenzylphthalate	40.000	41.644	-4.1	79	0.00
81		Benzo(a)anthracene	40.000	39.832	0.4	79	0.00
82		3,3'-Dichlorobenzidine	40.000	38.168	4.6	73	0.00
83		Chrysene	40.000	40.103	-0.3	80	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.547	-1.4	77	0.00
85	c	Di-n-octyl phthalate	40.000	39.973	0.1	77	0.00
86	I	Perylene-d12	20.000	20.000	0.0	83	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.180	-0.4	76	0.00
88		Benzo(b)fluoranthene	40.000	39.991	0.0	76	0.00
89		Benzo(k)fluoranthene	40.000	41.447	-3.6	80	0.00
90	C	Benzo(a)pyrene	40.000	39.834	0.4	76	0.00
91		Dibenzo(a,h)anthracene	40.000	40.748	-1.9	78	-0.02
92		Benzo(g,h,i)perylene	40.000	39.644	0.9	76	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3083

Instrument ID: BNA_P Calibration Date/Time: 09/17/2025 12:03

Lab File ID: BP025769.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.323		6.7	
Benzaldehyde	0.987	0.805		-18.4	
Phenol-d6	1.648	1.712		3.9	
bis(2-Chloroethyl)ether	1.396	1.387		-0.6	
2,2-oxybis(1-Chloropropane)	2.283	2.159		-5.4	
Acetophenone	0.534	0.569		6.6	
n-Nitroso-di-n-propylamine	1.149	1.140	0.050	-0.8	
Nitrobenzene-d5	0.453	0.476		5.1	
Hexachloroethane	0.602	0.622		3.3	
Nitrobenzene	0.407	0.429		5.4	
Isophorone	0.797	0.808		1.4	
bis(2-Chloroethoxy)methane	0.461	0.479		3.9	
Naphthalene	1.078	1.121		4.0	
4-Chloroaniline	0.449	0.481		7.1	
Hexachlorobutadiene	0.229	0.248		8.3	20.0
Caprolactam	0.122	0.120		-1.6	
2-Methylnaphthalene	0.693	0.712		2.7	
Hexachlorocyclopentadiene	0.330	0.341	0.050	3.3	
2-Fluorobiphenyl	1.502	1.618		7.7	
1,1-Biphenyl	1.468	1.574		7.2	
2-Chloronaphthalene	1.156	1.235		6.8	
2-Nitroaniline	0.385	0.413		7.3	
Dimethylphthalate	1.527	1.567		2.6	
Acenaphthylene	1.915	2.027		5.8	
2,6-Dinitrotoluene	0.324	0.343		5.9	
3-Nitroaniline	0.340	0.368		8.2	
Acenaphthene	1.104	1.149		4.1	20.0
Dibenzofuran	1.800	1.852		2.9	
2,4-Dinitrotoluene	0.460	0.502		9.1	
Diethylphthalate	1.549	1.581		2.1	
4-Chlorophenyl-phenylether	0.721	0.742		2.9	
Fluorene	1.431	1.476		3.1	
4-Nitroaniline	0.349	0.388		11.2	
n-Nitrosodiphenylamine	0.612	0.647		5.7	20.0
2,4,6-Tribromophenol	0.249	0.276		10.8	
4-Bromophenyl-phenylether	0.220	0.239		8.6	
Hexachlorobenzene	0.245	0.263		7.3	
Atrazine	0.234	0.248		6.0	
Phenanthrene	1.135	1.161		2.3	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	GENV01		
Lab Code:	ACE	SDG No.:	Q3083		
Instrument ID:	BNA_P	Calibration Date/Time:	09/17/2025	12:03	
Lab File ID:	BP025769.D	Init. Calib. Date(s):	09/11/2025	09/11/2025	
EPA Sample No.:	SSTDCCC040	Init. Calib. Time(s):	08:56	15:20	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.151	1.199		4.2	
Carbazole	1.070	1.109		3.6	
Di-n-butylphthalate	1.313	1.370		4.3	
Fluoranthene	1.361	1.439		5.7	20.0
Pyrene	1.335	1.370		2.6	
Terphenyl-d14	1.112	1.118		0.5	
Butylbenzylphthalate	0.585	0.610		4.3	
3,3-Dichlorobenzidine	0.473	0.529		11.8	
Benzo(a)anthracene	1.369	1.426		4.2	
Chrysene	1.305	1.368		4.8	
Bis(2-ethylhexyl)phthalate	0.856	0.891		4.1	
Di-n-octyl phthalate	1.523	1.585		4.1	20.0
Benzo(b)fluoranthene	1.223	1.305		6.6	
Benzo(k)fluoranthene	1.248	1.260		1.0	
Benzo(a)pyrene	1.198	1.252		4.5	20.0
Indeno(1,2,3-cd)pyrene	1.454	1.599		10.0	
Dibenzo(a,h)anthracene	1.190	1.306		9.7	
Benzo(g,h,i)perylene	1.171	1.261		7.7	
1,2,4,5-Tetrachlorobenzene	0.606	0.677		11.7	
1,4-Dioxane	0.520	0.547		5.2	20.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025769.D
Acq On : 17 Sep 2025 12:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 17 13:07:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.755	152	173185	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	666754	20.000	ng		0.00
39) Acenaphthene-d10	14.372	164	429441	20.000	ng		0.00
64) Phenanthrene-d10	17.172	188	869670	20.000	ng		-0.01
76) Chrysene-d12	21.625	240	945078	20.000	ng		-0.02
86) Perylene-d12	24.989	264	1090693	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	916381	85.378	ng		0.00
7) Phenol-d6	6.943	99	1186093	83.139	ng		0.00
23) Nitrobenzene-d5	8.902	82	1270298	84.040	ng		0.00
42) 2,4,6-Tribromophenol	15.884	330	473551	88.408	ng		-0.02
45) 2-Fluorobiphenyl	12.984	172	2779480	86.179	ng		0.00
79) Terphenyl-d14	19.901	244	4228079	80.483	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	189529	42.073	ng		97
3) Pyridine	3.708	79	514384	41.469	ng		96
4) n-Nitrosodimethylamine	3.614	42	234509	40.066	ng		99
6) Aniline	7.090	93	787401	40.206	ng		99
8) 2-Chlorophenol	7.331	128	489949	41.610	ng		99
9) Benzaldehyde	6.908	77	278679	32.590	ng		98
10) Phenol	6.972	94	617195	41.029	ng		99
11) bis(2-Chloroethyl)ether	7.184	93	480562	39.762	ng		98
12) 1,3-Dichlorobenzene	7.649	146	553763	41.322	ng		98
13) 1,4-Dichlorobenzene	7.790	146	562206	41.185	ng		98
14) 1,2-Dichlorobenzene	8.102	146	535378	40.371	ng		99
15) Benzyl Alcohol	7.996	79	458926	38.929	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	747810	37.836	ng		99
17) 2-Methylphenol	8.202	107	408022	40.231	ng		99
18) Hexachloroethane	8.819	117	215566	41.342	ng		98
19) n-Nitroso-di-n-propyla...	8.549	70	395032	39.700	ng		98
20) 3+4-Methylphenols	8.525	107	558123	39.294	ng		96
22) Acetophenone	8.566	105	759078	42.601	ng	#	99
24) Nitrobenzene	8.943	77	572699	42.234	ng		97
25) Isophorone	9.466	82	1076863	40.532	ng		100
26) 2-Nitrophenol	9.649	139	271302	45.064	ng		94
27) 2,4-Dimethylphenol	9.707	122	451831	42.780	ng		99
28) bis(2-Chloroethoxy)met...	9.937	93	638825	41.597	ng		100
29) 2,4-Dichlorophenol	10.184	162	456074	43.309	ng		99
30) 1,2,4-Trichlorobenzene	10.390	180	510577	43.021	ng		98
31) Naphthalene	10.572	128	1494587	41.572	ng		99
32) Benzoic acid	9.878	122	319224	40.652	ng		98
33) 4-Chloroaniline	10.684	127	641783	42.829	ng		100
34) Hexachlorobutadiene	10.855	225	330726	43.289	ng		99
35) Caprolactam	11.478	113	159515	39.295	ng		89
36) 4-Chloro-3-methylphenol	11.819	107	510131	40.632	ng		96
37) 2-Methylnaphthalene	12.178	142	949986	41.141	ng		99
38) 1-Methylnaphthalene	12.396	142	988358	40.138	ng		100
40) 1,2,4,5-Tetrachloroben...	12.554	216	581099	44.655	ng		99
41) Hexachlorocyclopentadiene	12.531	237	292523	41.273	ng		100
43) 2,4,6-Trichlorophenol	12.801	196	385236	45.031	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025769.D
Acq On : 17 Sep 2025 12:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 17 13:07:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

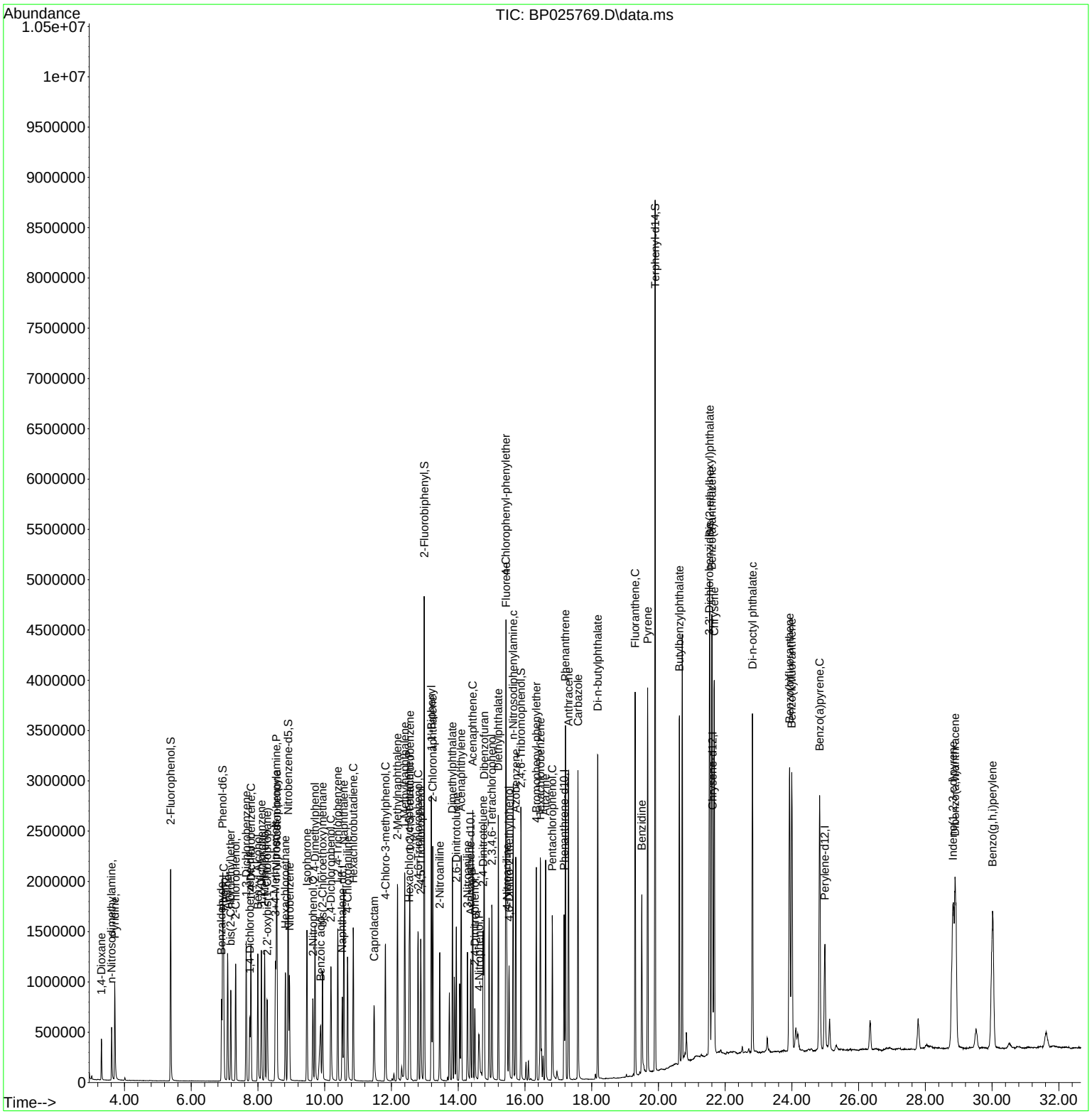
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	411981	43.271	ng		96
46) 1,1'-Biphenyl	13.196	154	1351846	42.887	ng		99
47) 2-Chloronaphthalene	13.237	162	1060854	42.742	ng		100
48) 2-Nitroaniline	13.448	65	354943	42.901	ng		96
49) Acenaphthylene	14.090	152	1740975	42.335	ng		99
50) Dimethylphthalate	13.825	163	1346102	41.057	ng		100
51) 2,6-Dinitrotoluene	13.943	165	294880	42.451	ng		96
52) Acenaphthene	14.437	154	986617	41.602	ng		99
53) 3-Nitroaniline	14.278	138	316169	43.284	ng		98
54) 2,4-Dinitrophenol	14.501	184	171547	40.517	ng		96
55) Dibenzofuran	14.778	168	1590903	41.159	ng		98
56) 4-Nitrophenol	14.625	139	230394	39.056	ng		94
57) 2,4-Dinitrotoluene	14.748	165	431402	43.639	ng		94
58) Fluorene	15.437	166	1267660	41.244	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	373386	43.535	ng		96
60) Diethylphthalate	15.201	149	1357623	40.822	ng		100
61) 4-Chlorophenyl-phenyle...	15.431	204	636962	41.121	ng		96
62) 4-Nitroaniline	15.460	138	333600	44.579	ng		98
63) Azobenzene	15.725	77	1310077	40.740	ng		100
65) 4,6-Dinitro-2-methylph...	15.525	198	256487	44.347	ng		94
66) n-Nitrosodiphenylamine	15.648	169	1124825	42.264	ng		100
67) 4-Bromophenyl-phenylether	16.342	248	415076	43.445	ng		97
68) Hexachlorobenzene	16.466	284	457685	42.957	ng		92
69) Atrazine	16.619	200	431051	42.372	ng		97
70) Pentachlorophenol	16.819	266	294635	41.900	ng		98
71) Phenanthrene	17.213	178	2018791	40.922	ng		99
72) Anthracene	17.307	178	2085746	41.670	ng		100
73) Carbazole	17.589	167	1929650	41.466	ng		99
74) Di-n-butylphthalate	18.184	149	2382759	41.724	ng		99
75) Fluoranthene	19.301	202	2502712	42.300	ng		100
77) Benzidine	19.501	184	1237336	45.451	ng		99
78) Pyrene	19.678	202	2589027	41.056	ng		99
80) Butylbenzylphthalate	20.630	149	1153154	41.706	ng		99
81) Benzo(a)anthracene	21.601	228	2694945	41.652	ng		100
82) 3,3'-Dichlorobenzidine	21.525	252	999261	44.666	ng		100
83) Chrysene	21.672	228	2586426	41.935	ng		99
84) Bis(2-ethylhexyl)phtha...	21.536	149	1684056	41.630	ng		99
85) Di-n-octyl phthalate	22.819	149	2995948	41.635	ng		99
87) Indeno(1,2,3-cd)pyrene	28.824	276	3488433	43.981	ng	#	82
88) Benzo(b)fluoranthene	23.930	252	2845602	42.664	ng		99
89) Benzo(k)fluoranthene	23.995	252	2747631	40.370	ng		99
90) Benzo(a)pyrene	24.830	252	2731706	41.822	ng		99
91) Dibenzo(a,h)anthracene	28.895	278	2849000	43.893	ng		99
92) Benzo(g,h,i)perylene	30.012	276	2750875	43.095	ng		100

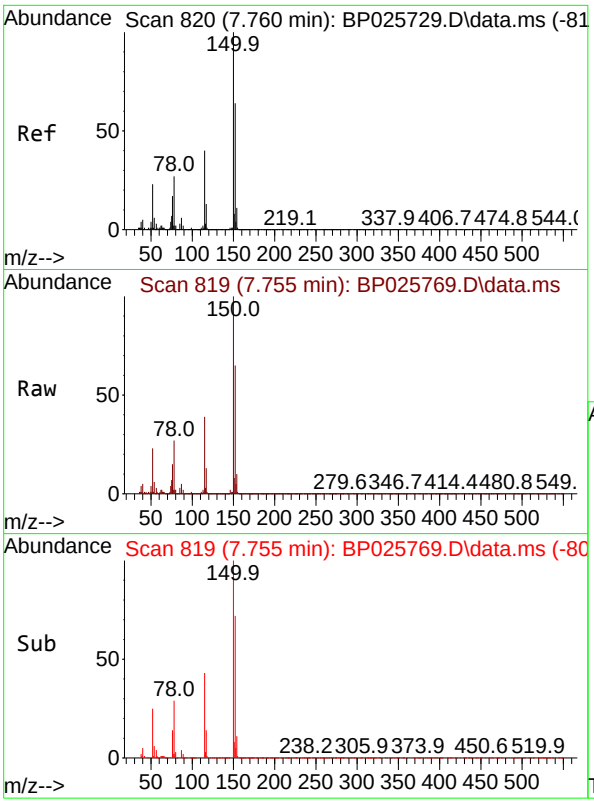
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025769.D
Acq On : 17 Sep 2025 12:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 17 13:07:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



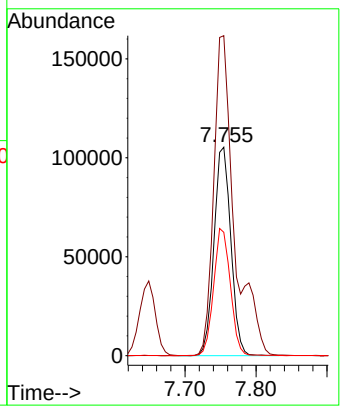


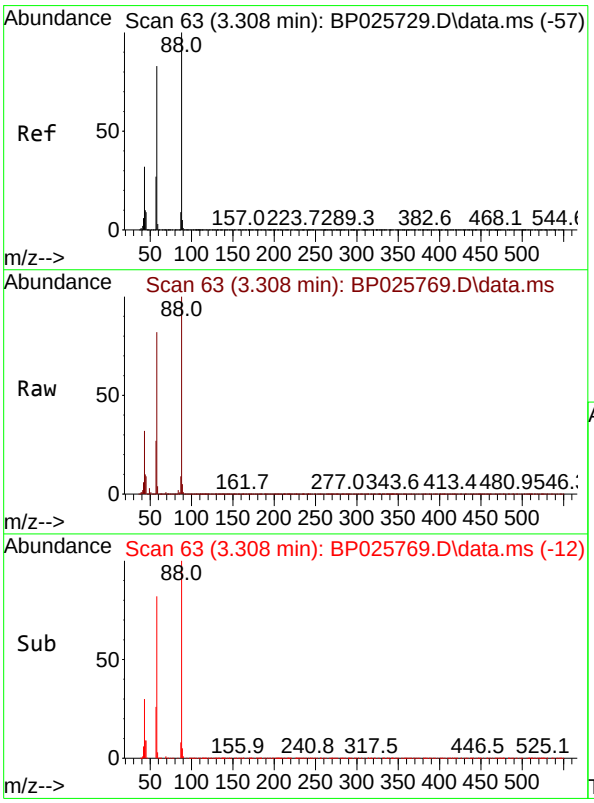
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 8
Delta R.T. -0.005 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 173185

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.3	186.5
115	59.1	50.3	75.5

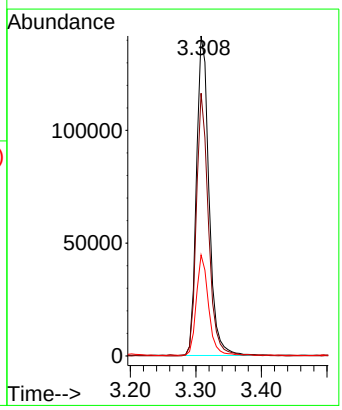


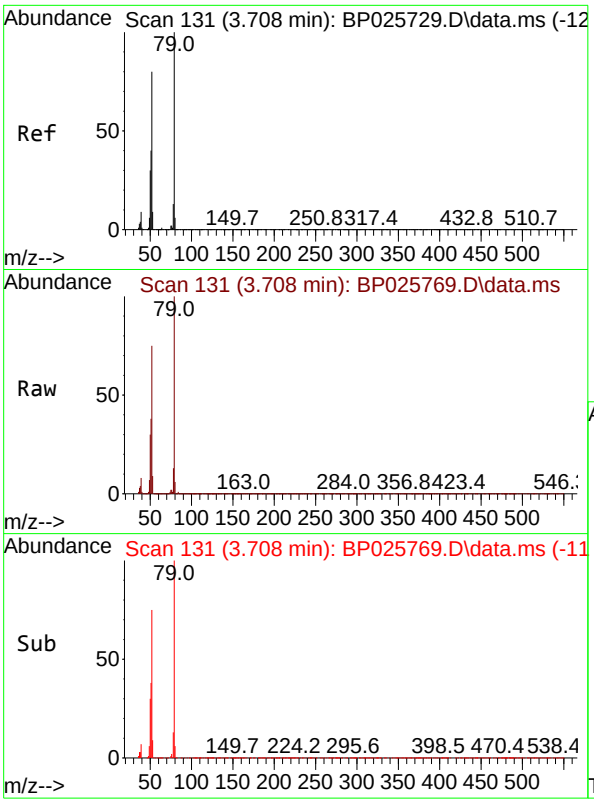


#2
1,4-Dioxane
Concen: 42.073 ng
RT: 3.308 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 88 Resp: 189529

Ion	Ratio	Lower	Upper
88	100		
58	79.4	65.5	98.3
43	30.3	25.2	37.8



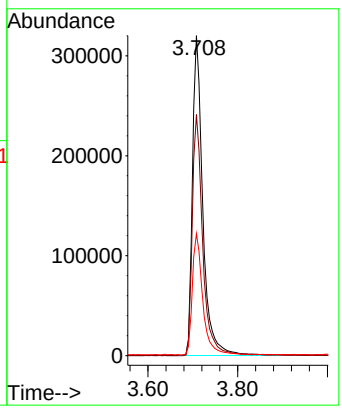


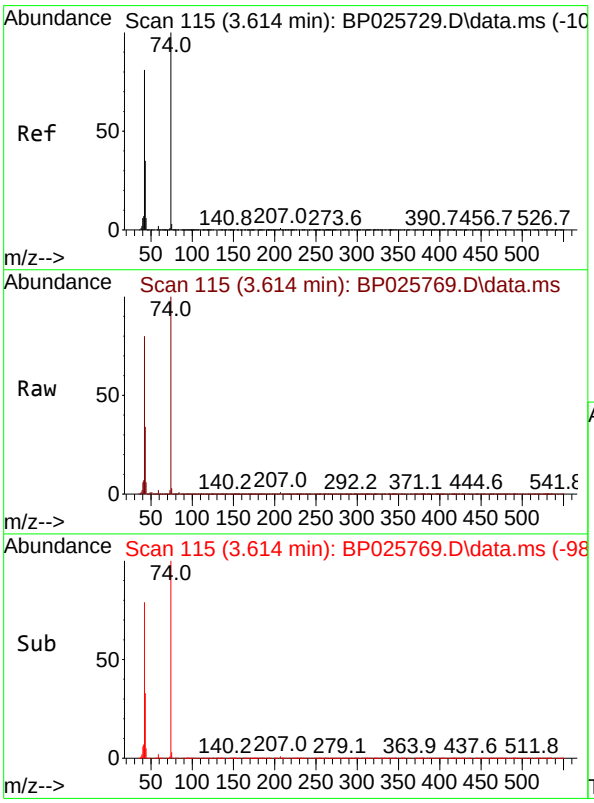
#3
Pyridine
Concen: 41.469 ng
RT: 3.708 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 514384

Ion	Ratio	Lower	Upper
79	100		
52	75.3	63.7	95.5
51	38.1	32.4	48.6

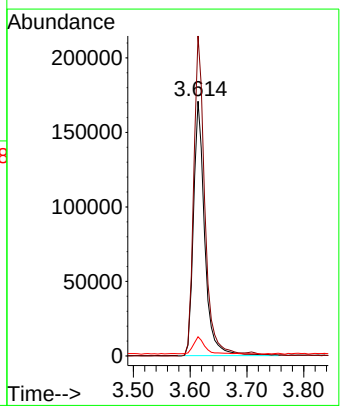


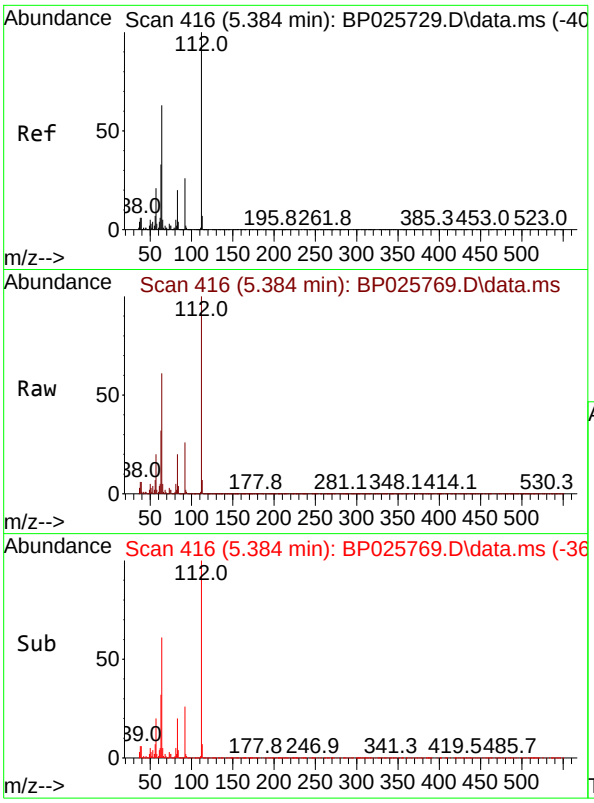


#4
n-Nitrosodimethylamine
Concen: 40.066 ng
RT: 3.614 min Scan# 115
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 42 Resp: 234509

Ion	Ratio	Lower	Upper
42	100		
74	125.7	99.2	148.8
44	7.5	6.4	9.6



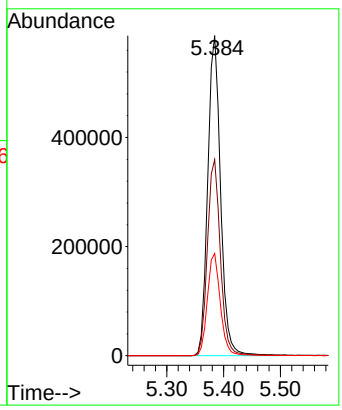


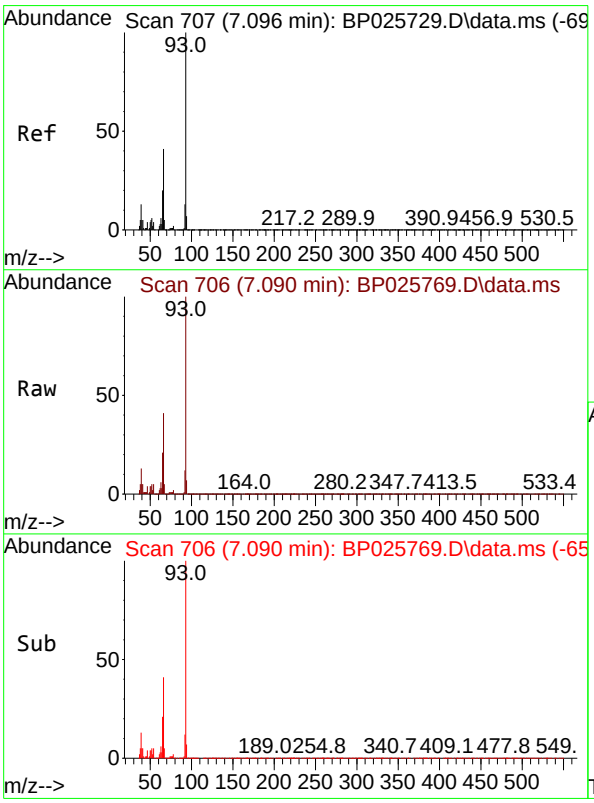
#5
2-Fluorophenol
Concen: 85.378 ng
RT: 5.384 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 916381

Ion	Ratio	Lower	Upper
112	100		
64	61.3	50.2	75.4
63	32.0	26.7	40.1

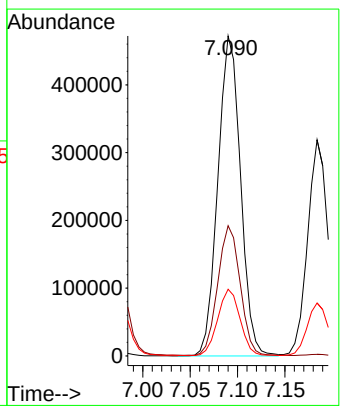


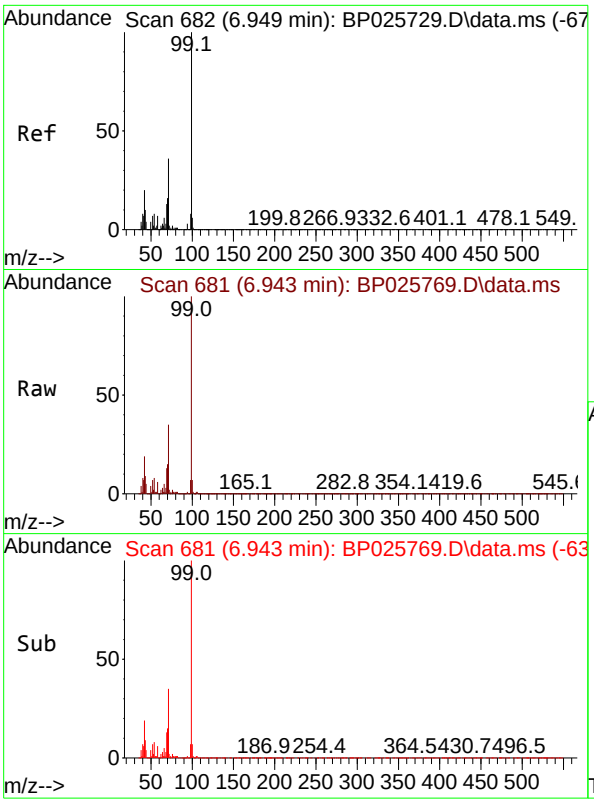


#6
Aniline
Concen: 40.206 ng
RT: 7.090 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 93 Resp: 787401

Ion	Ratio	Lower	Upper
93	100		
66	40.7	32.6	49.0
65	20.8	16.2	24.2



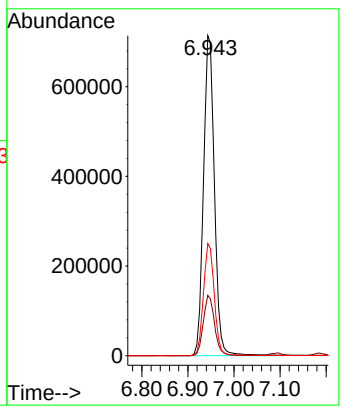


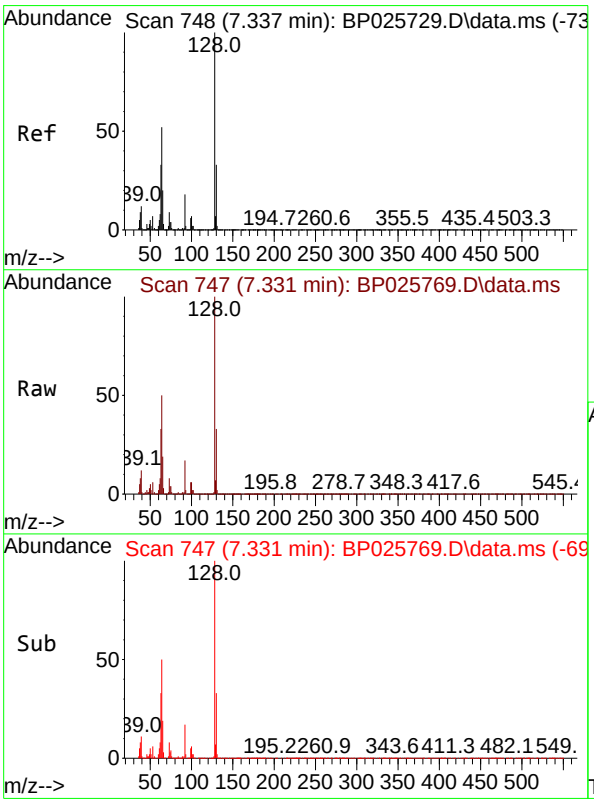
#7
Phenol-d6
Concen: 83.139 ng
RT: 6.943 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1186093

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.6	23.4
71	35.1	28.6	43.0

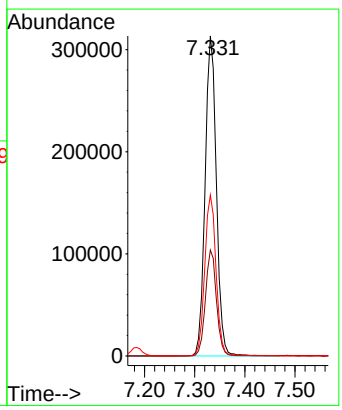


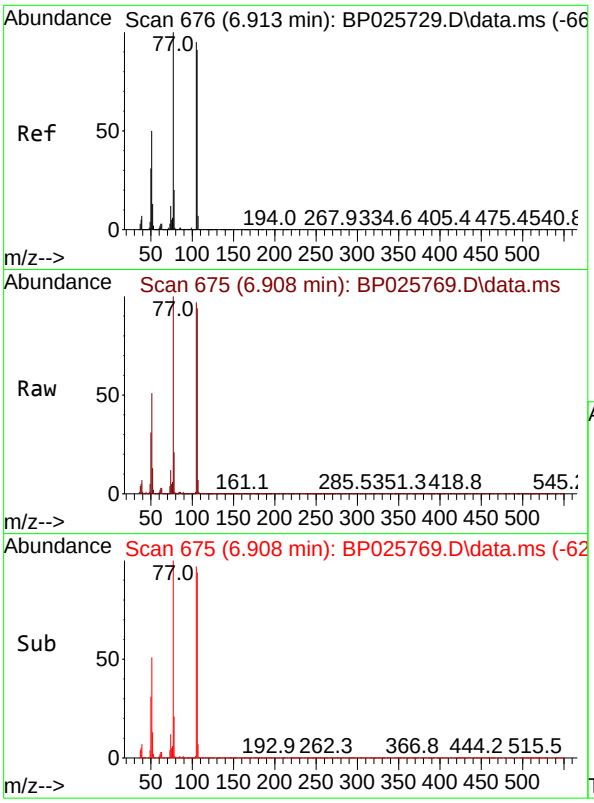


#8
2-Chlorophenol
Concen: 41.610 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:128 Resp: 489949

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	50.3	31.6	71.6



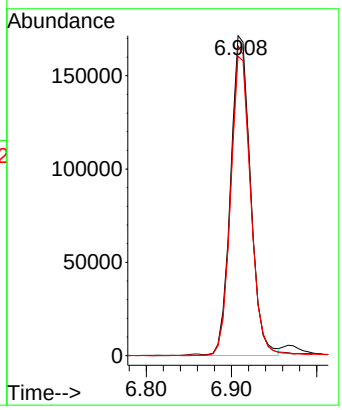


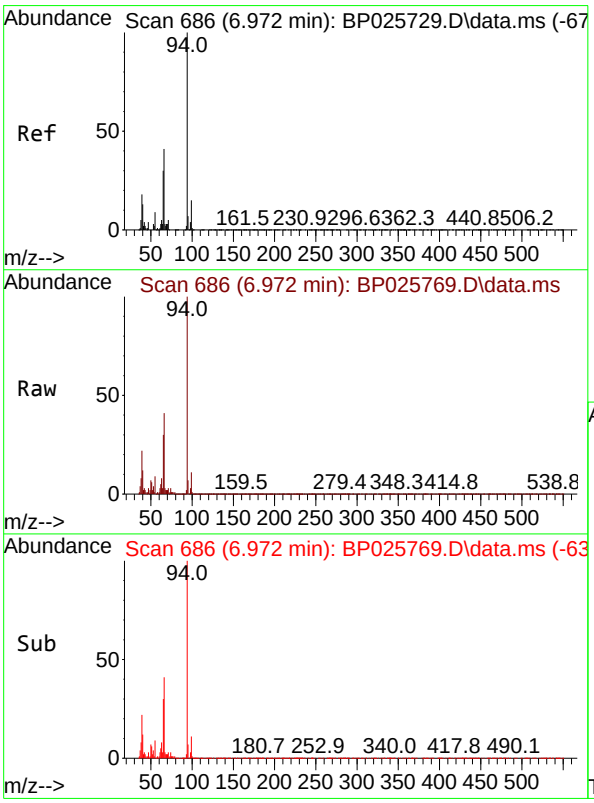
#9
Benzaldehyde
Concen: 32.590 ng
RT: 6.908 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 278679

Ion	Ratio	Lower	Upper
77	100		
105	96.8	75.2	115.2
106	93.5	71.3	111.3

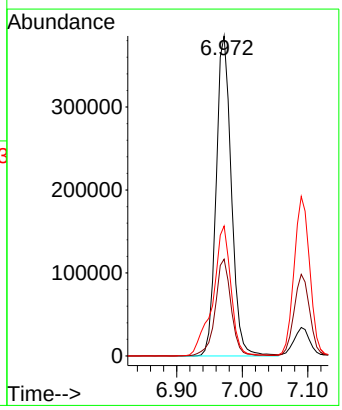


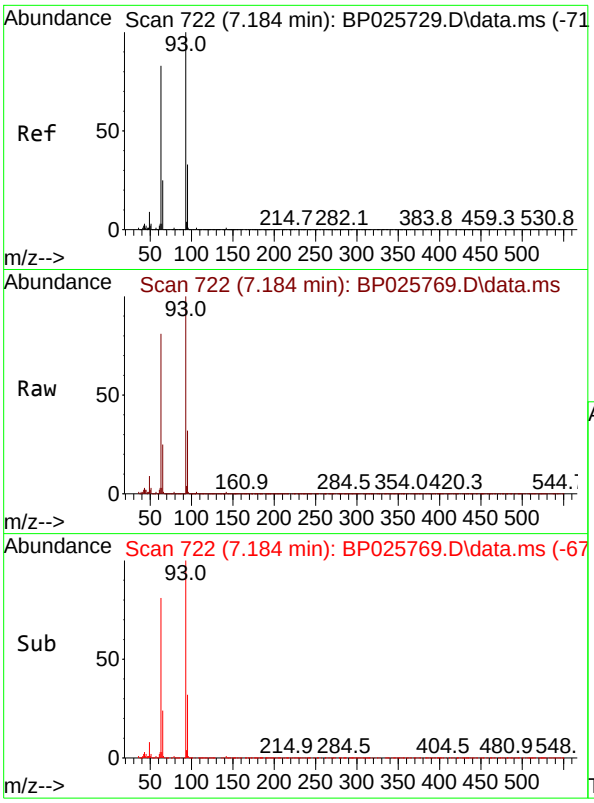


#10
Phenol
Concen: 41.029 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 94 Resp: 617195

Ion	Ratio	Lower	Upper
94	100		
65	30.3	10.2	50.2
66	40.6	21.4	61.4



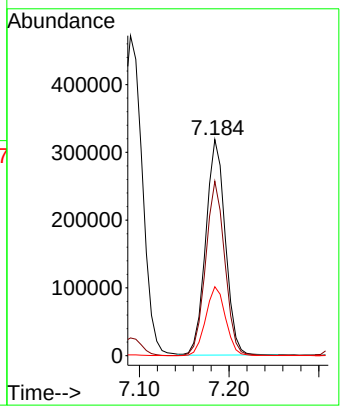


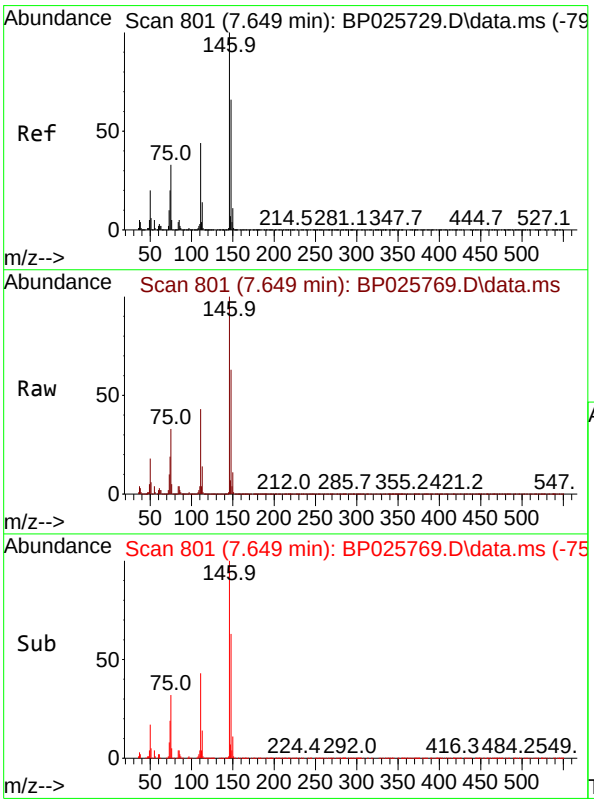
#11
bis(2-Chloroethyl)ether
Concen: 39.762 ng
RT: 7.184 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 480562

Ion	Ratio	Lower	Upper
93	100		
63	80.6	62.6	102.6
95	31.9	13.2	53.2

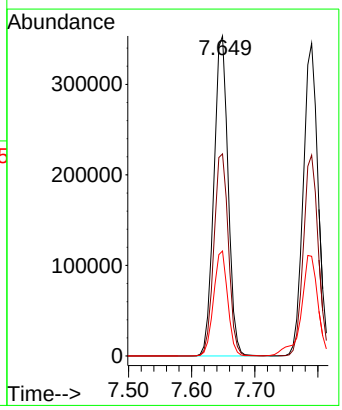


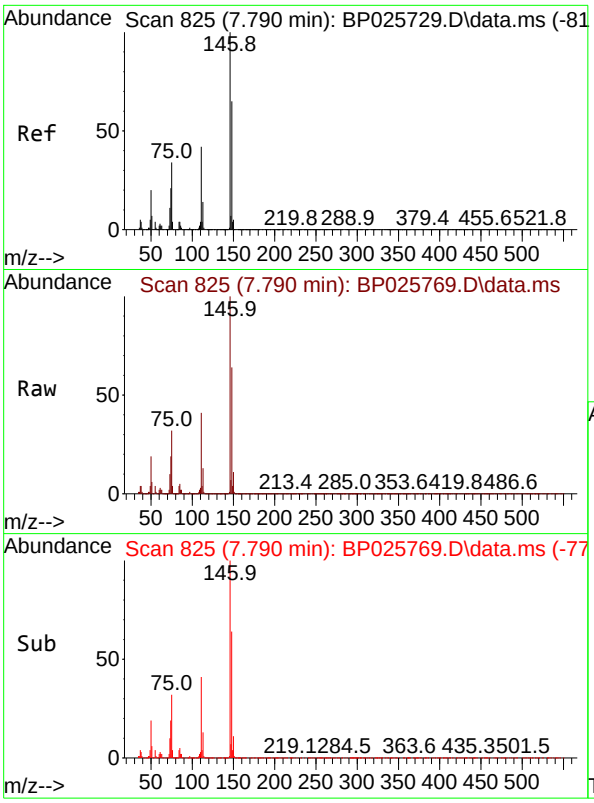


#12
1,3-Dichlorobenzene
Concen: 41.322 ng
RT: 7.649 min Scan# 801
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:146 Resp: 553763

Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.7	79.1
75	32.8	26.4	39.6



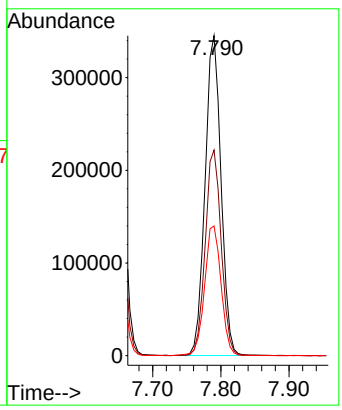


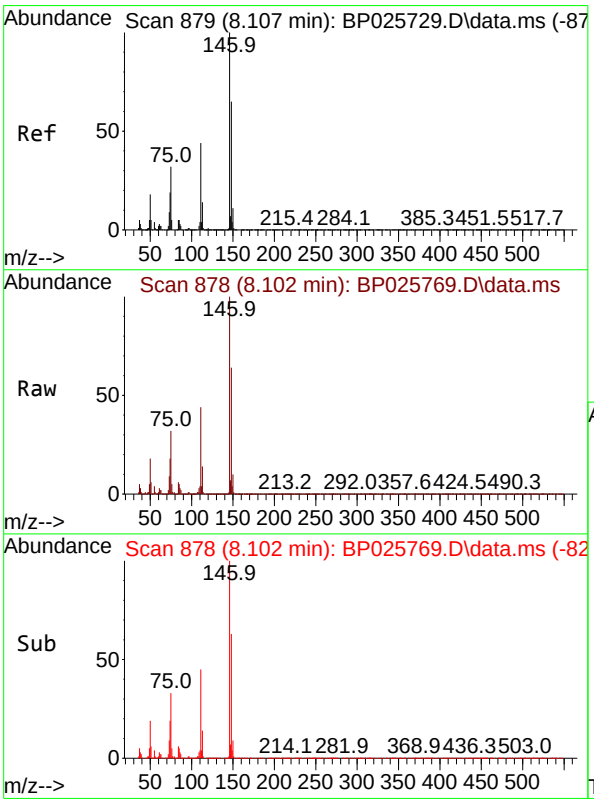
#13
1,4-Dichlorobenzene
Concen: 41.185 ng
RT: 7.790 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 562206

Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.0	78.0
111	40.5	33.9	50.9

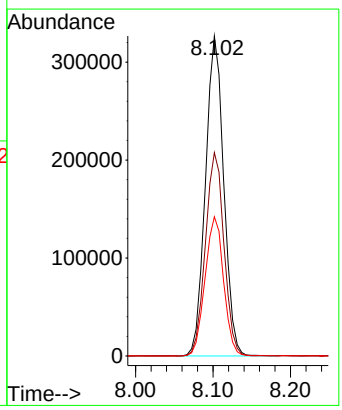


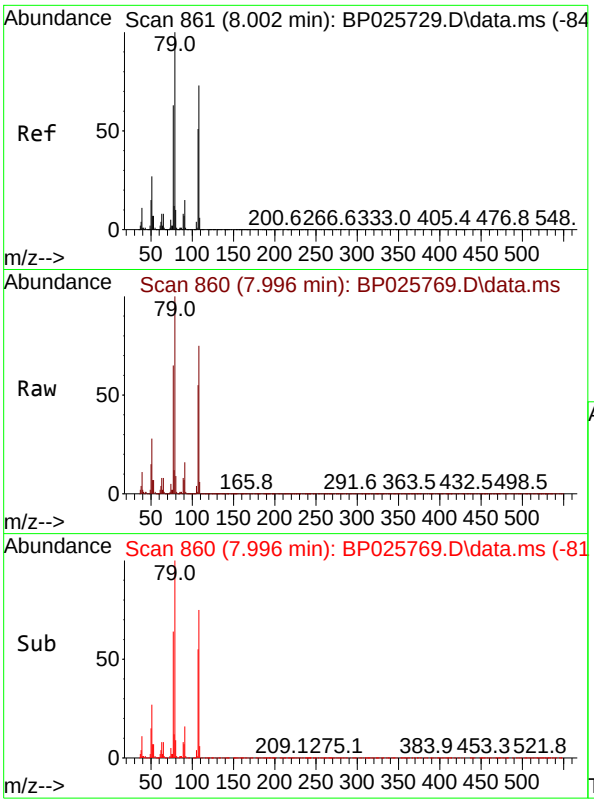


#14
1,2-Dichlorobenzene
Concen: 40.371 ng
RT: 8.102 min Scan# 878
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:146 Resp: 535378

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.7	77.5
111	43.5	35.5	53.3



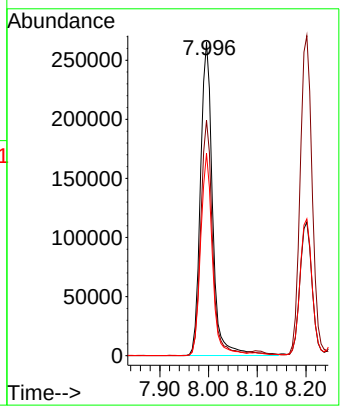


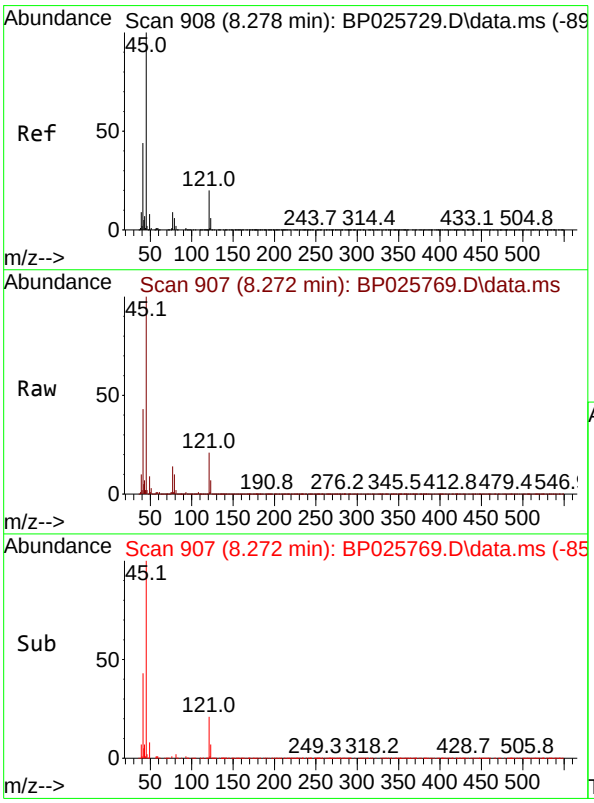
#15
Benzyl Alcohol
Concen: 38.929 ng
RT: 7.996 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 458926

Ion	Ratio	Lower	Upper
79	100		
108	75.1	58.7	88.1
77	64.5	50.2	75.2

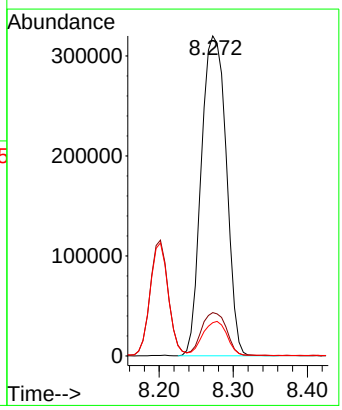


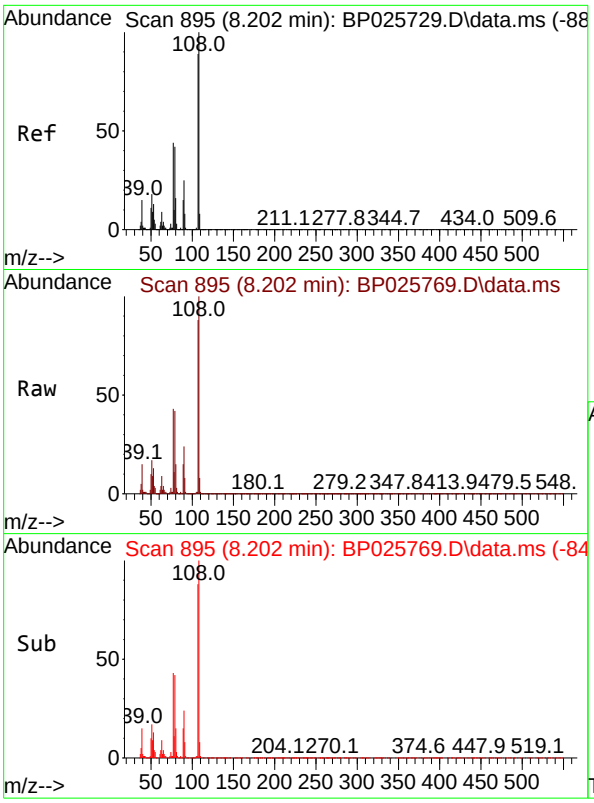


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.836 ng
RT: 8.272 min Scan# 907
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 45 Resp: 747810

Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	33.1
79	10.4	0.0	30.0



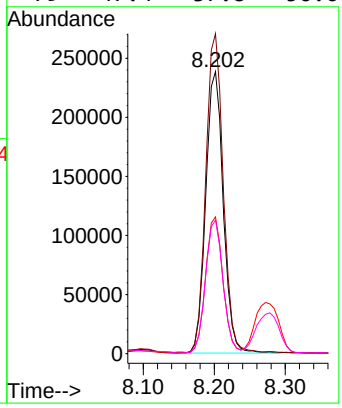


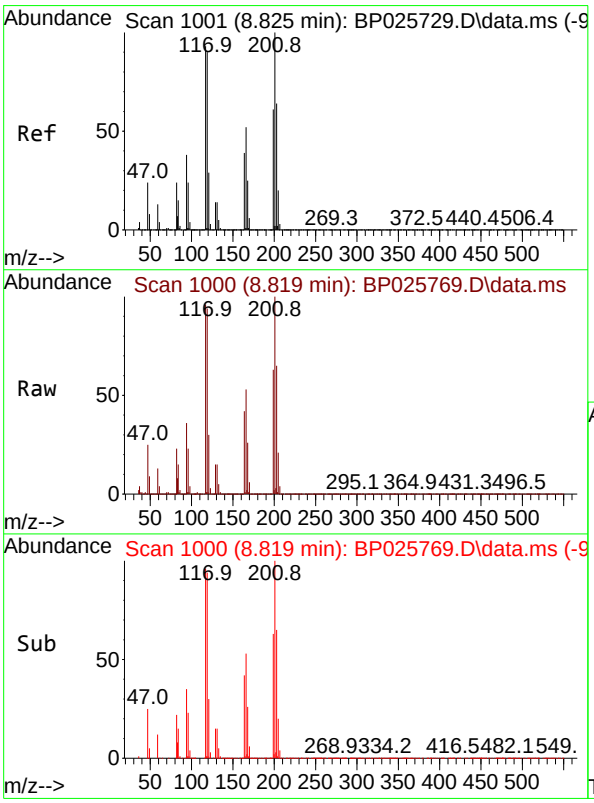
#17
2-Methylphenol
Concen: 40.231 ng
RT: 8.202 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 408022

Ion	Ratio	Lower	Upper
107	100		
108	113.4	89.6	134.4
77	48.5	39.3	58.9
79	47.4	37.8	56.6

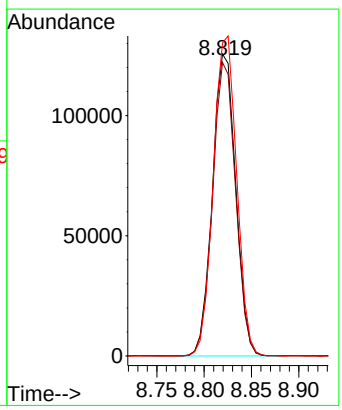


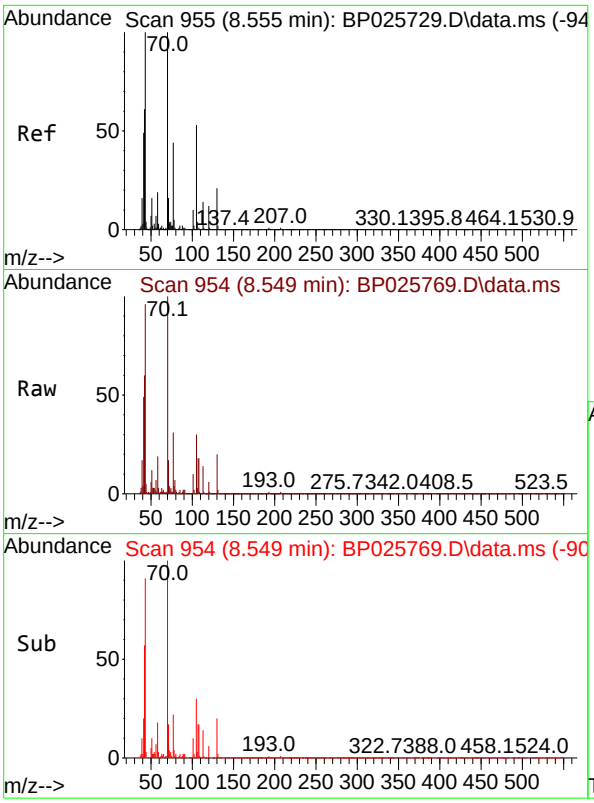


#18
Hexachloroethane
Concen: 41.342 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:117 Resp: 215566

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.1	115.7
201	103.7	85.6	128.4



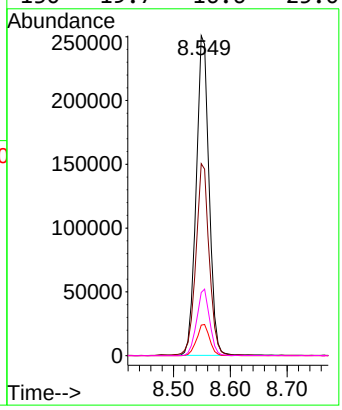


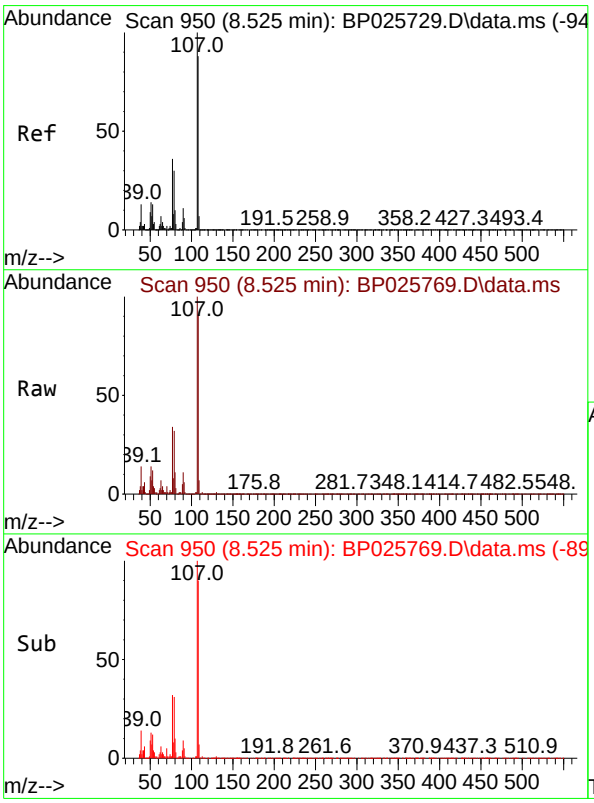
#19
n-Nitroso-di-n-propylamine
Concen: 39.700 ng
RT: 8.549 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 395032

Ion	Ratio	Lower	Upper
70	100		
42	60.0	49.0	73.4
101	9.5	7.9	11.9
130	19.7	16.6	25.0

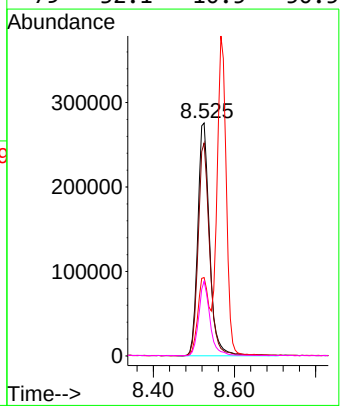


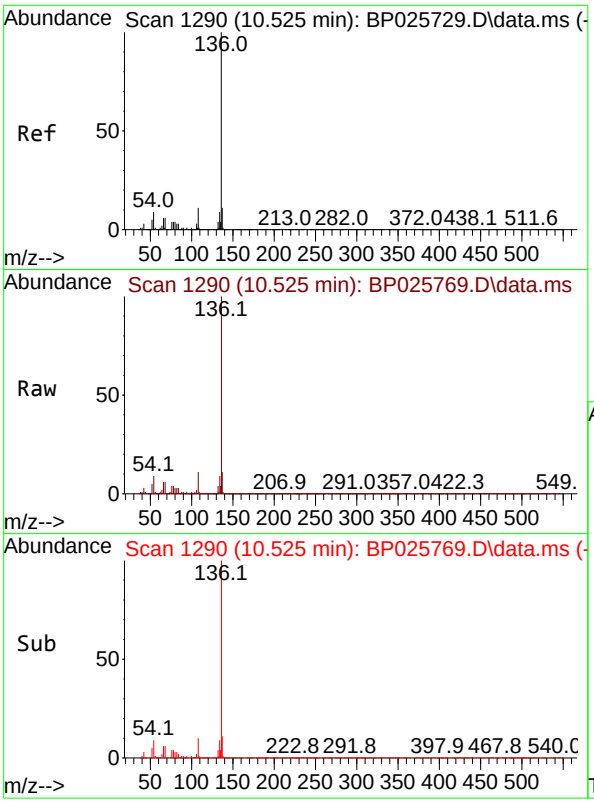


#20
3+4-Methylphenols
Concen: 39.294 ng
RT: 8.525 min Scan# 950
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:107 Resp: 558123

Ion	Ratio	Lower	Upper
107	100		
108	91.4	67.8	107.8
77	33.7	16.1	56.1
79	32.1	10.5	50.5



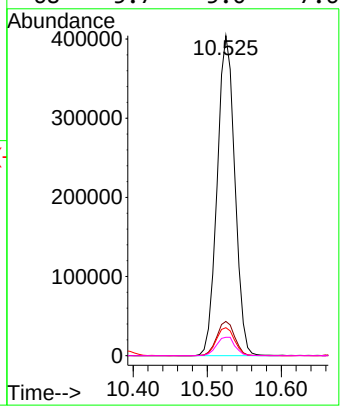


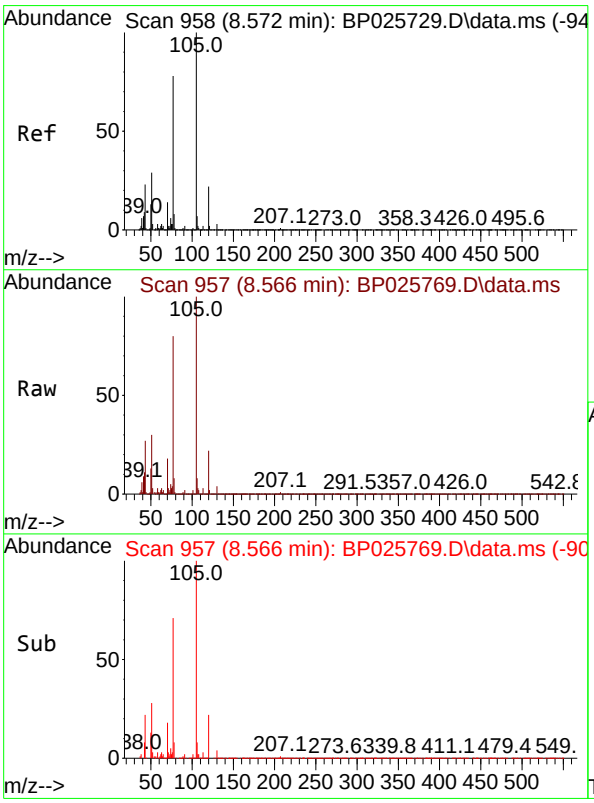
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 666754

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.8	7.5	11.3
68	5.7	5.0	7.6

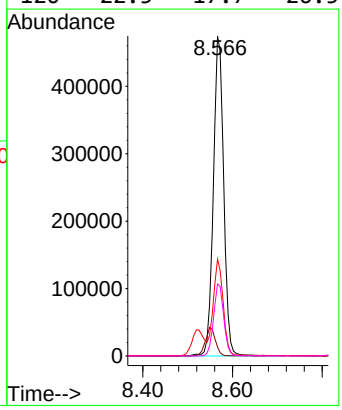


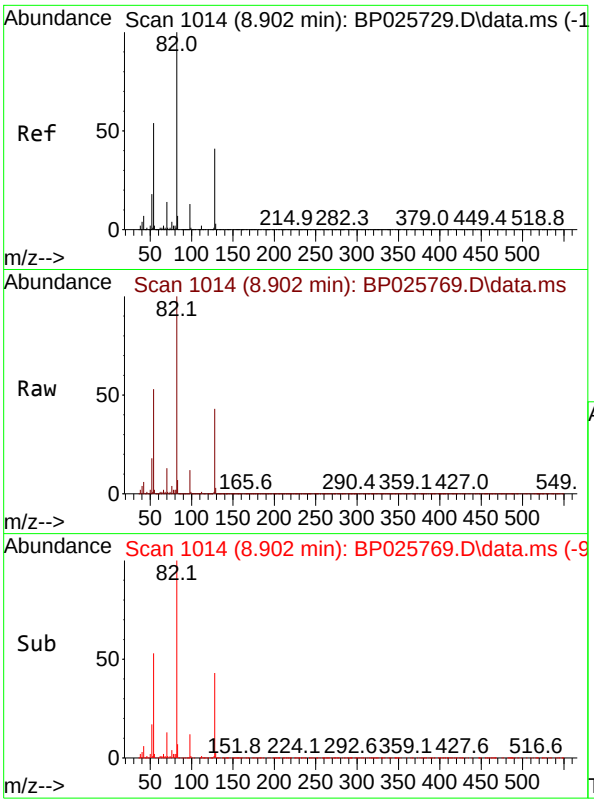


#22
Acetophenone
Concen: 42.601 ng
RT: 8.566 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:105 Resp: 759078

Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.8	2.8#
51	30.3	23.5	35.3
120	22.5	17.7	26.5



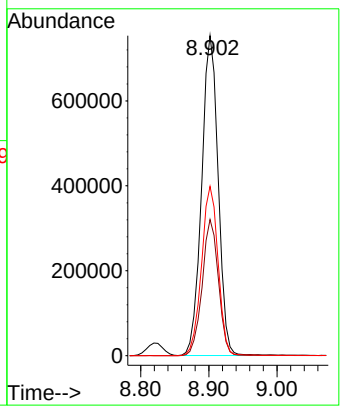


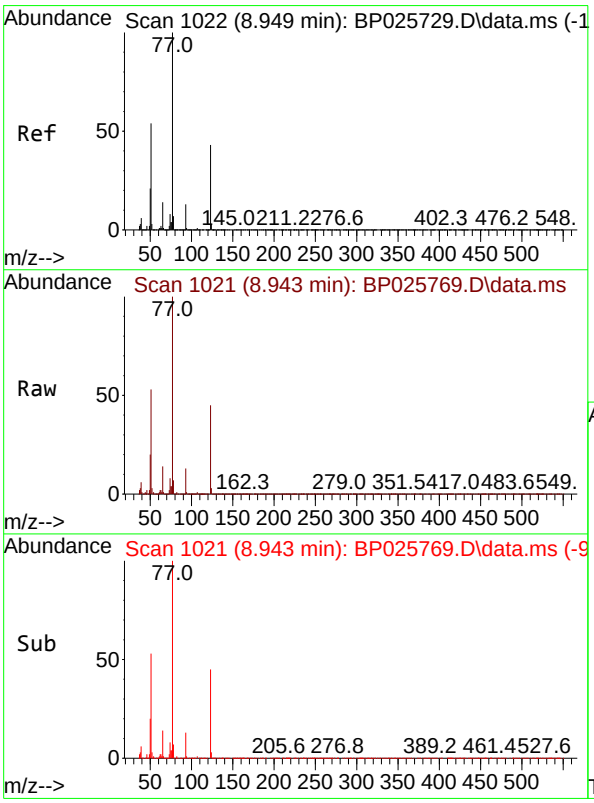
#23
Nitrobenzene-d5
Concen: 84.040 ng
RT: 8.902 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1270298

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.9	49.3
54	52.9	43.4	65.2

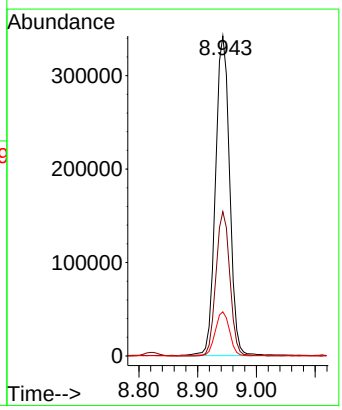


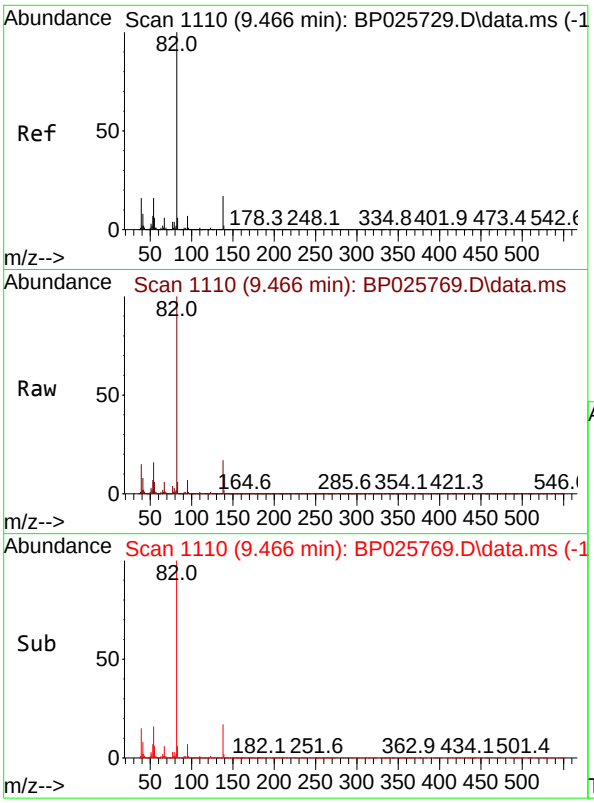


#24
Nitrobenzene
Concen: 42.234 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 77 Resp: 572699

Ion	Ratio	Lower	Upper
77	100		
123	45.1	34.4	51.6
65	13.8	10.8	16.2



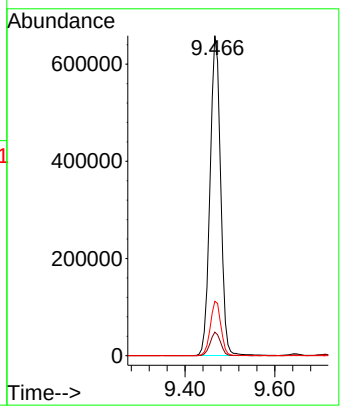


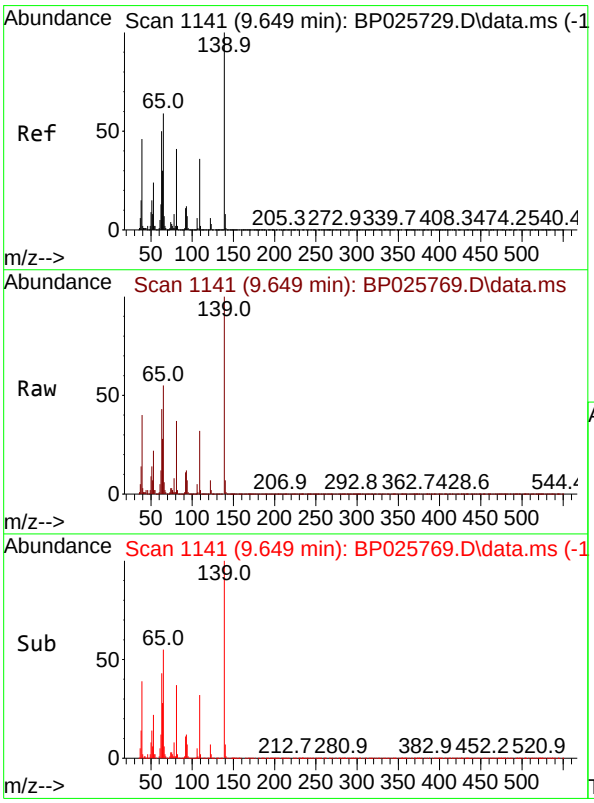
#25
Isophorone
Concen: 40.532 ng
RT: 9.466 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1076863

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	17.0	13.5	20.3

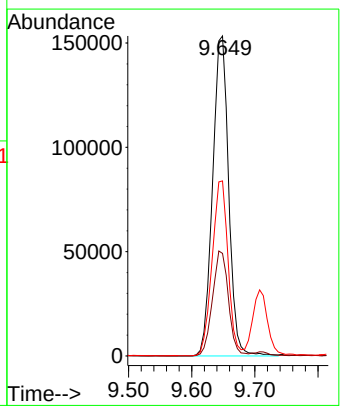


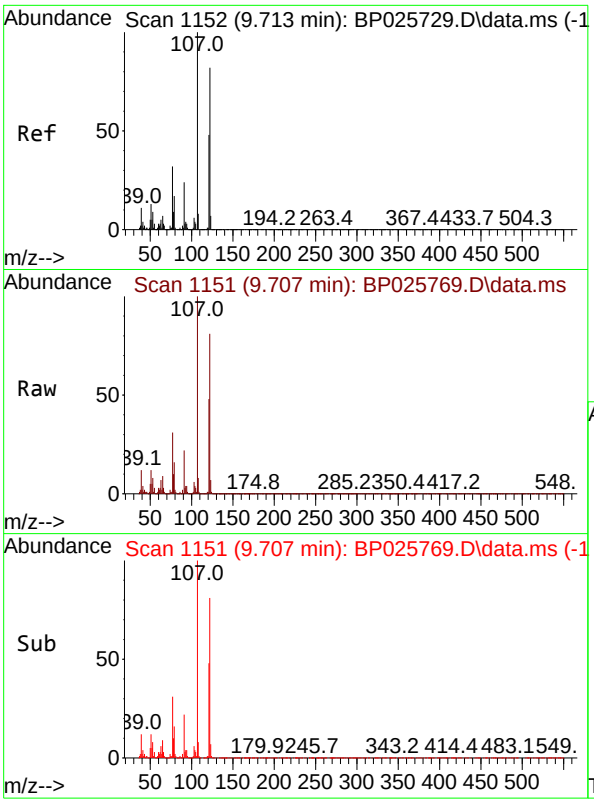


#26
2-Nitrophenol
Concen: 45.064 ng
RT: 9.649 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:139 Resp: 271302

Ion	Ratio	Lower	Upper
139	100		
109	32.1	29.0	43.4
65	54.7	46.9	70.3



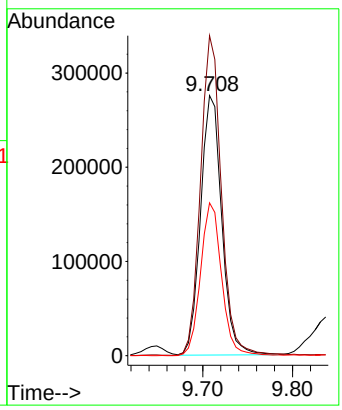


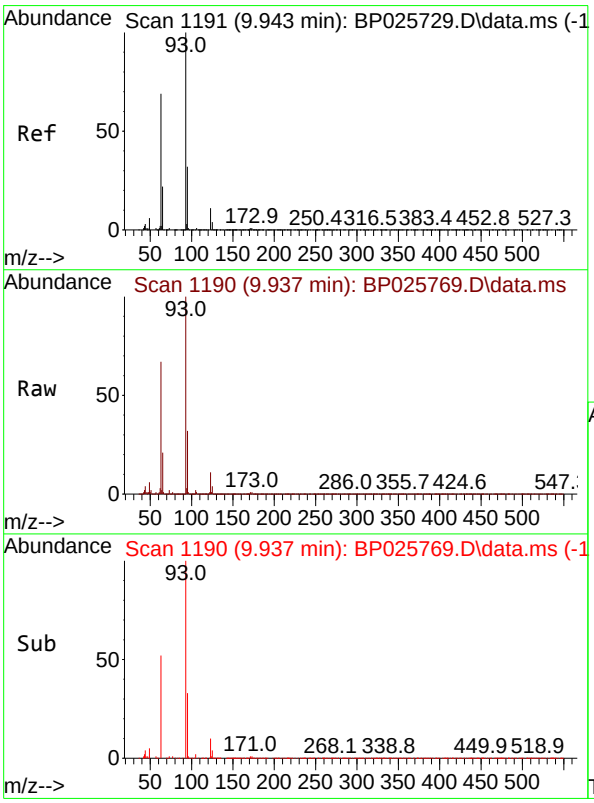
#27
2,4-Dimethylphenol
Concen: 42.780 ng
RT: 9.707 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 451831

Ion	Ratio	Lower	Upper
122	100		
107	123.0	97.9	146.9
121	58.7	47.4	71.0

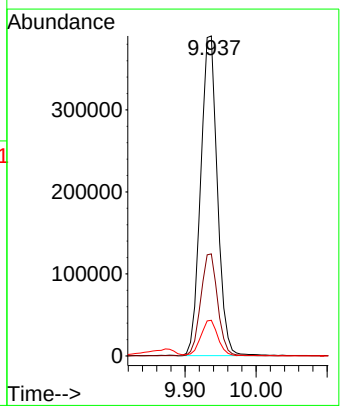


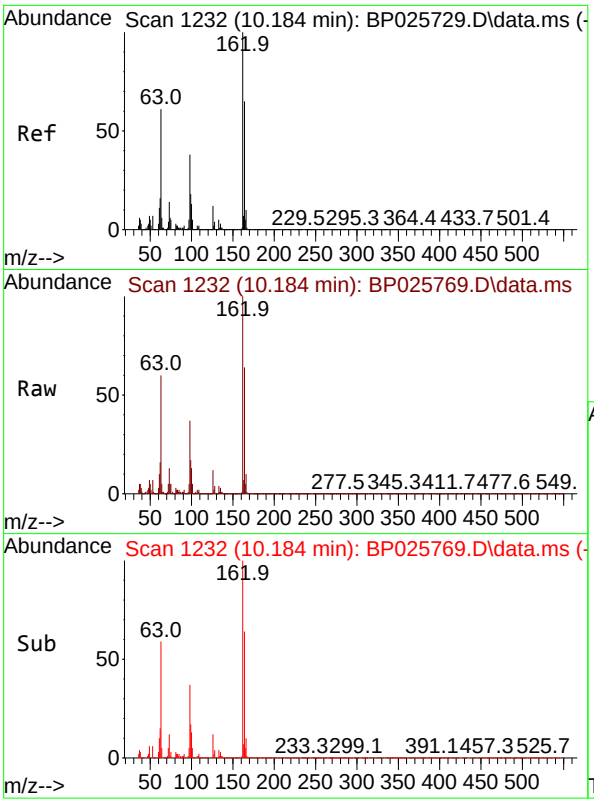


#28
bis(2-Chloroethoxy)methane
Concen: 41.597 ng
RT: 9.937 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 93 Resp: 638825

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.6	38.4
123	11.2	9.2	13.8



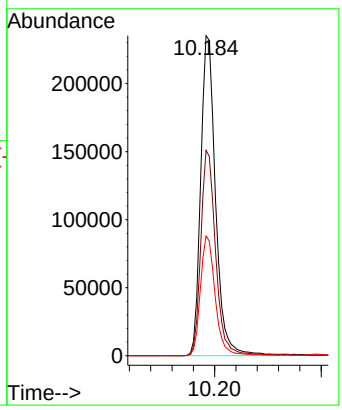


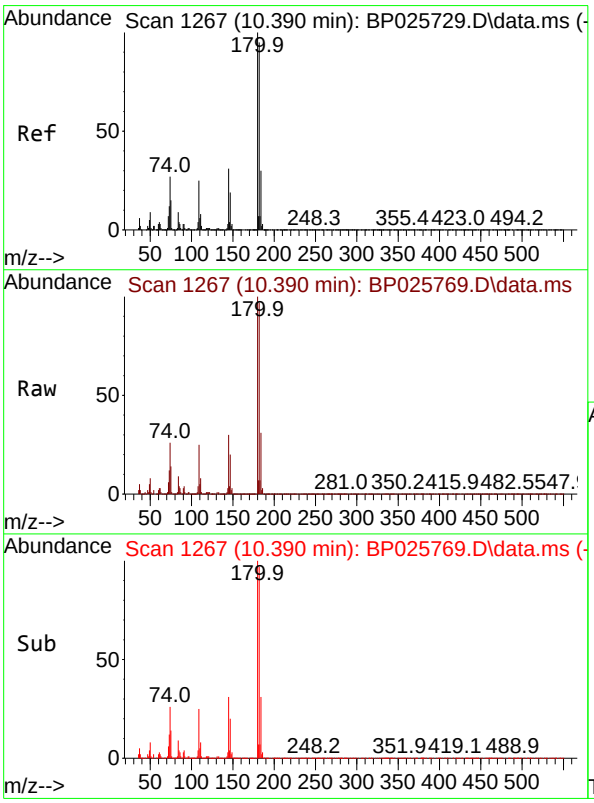
#29
2,4-Dichlorophenol
Concen: 43.309 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 456074

Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.7	84.7
98	37.4	18.1	58.1

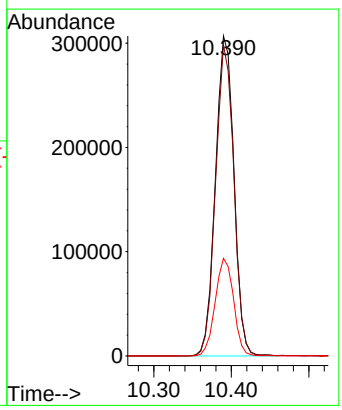


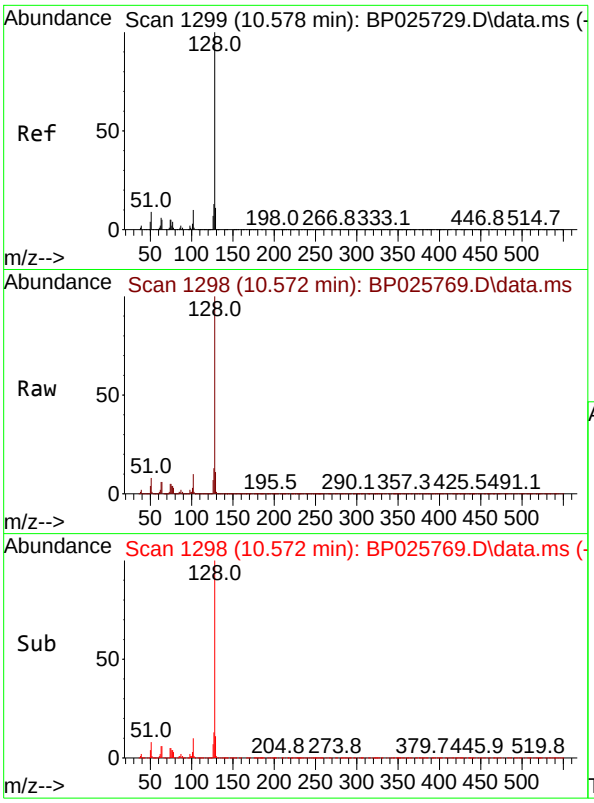


#30
1,2,4-Trichlorobenzene
Concen: 43.021 ng
RT: 10.390 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:180 Resp: 510577

Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.0	114.0
145	30.5	24.7	37.1



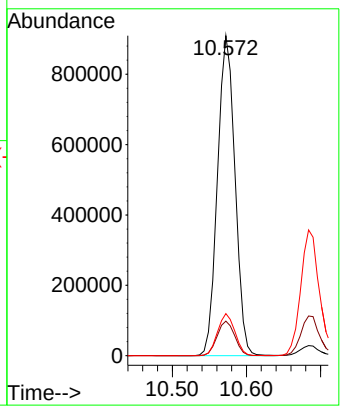


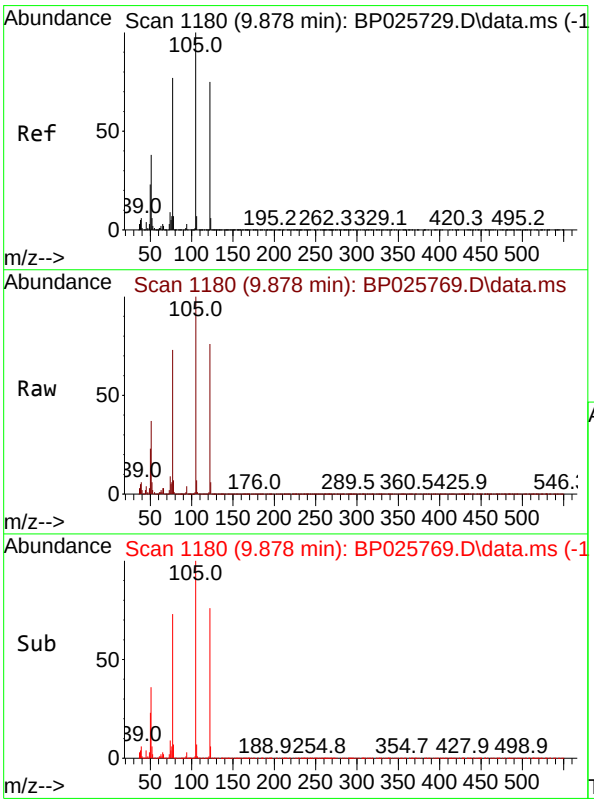
#31
Naphthalene
Concen: 41.572 ng
RT: 10.572 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1494587

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.1	10.2	15.4

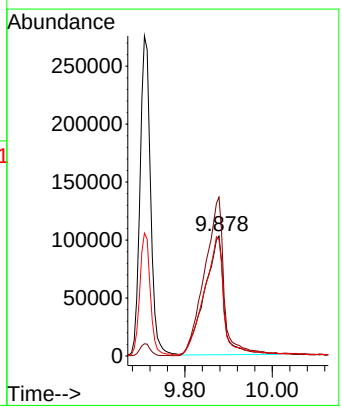


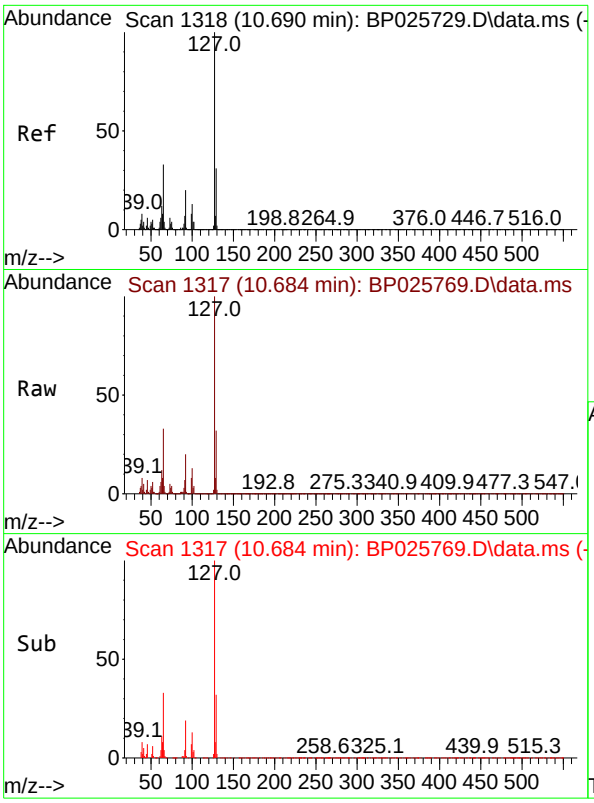


#32
Benzoic acid
Concen: 40.652 ng
RT: 9.878 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:122 Resp: 319224

Ion	Ratio	Lower	Upper
122	100		
105	132.4	111.5	151.5
77	97.1	81.8	121.8



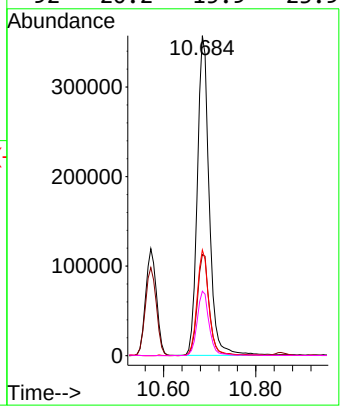


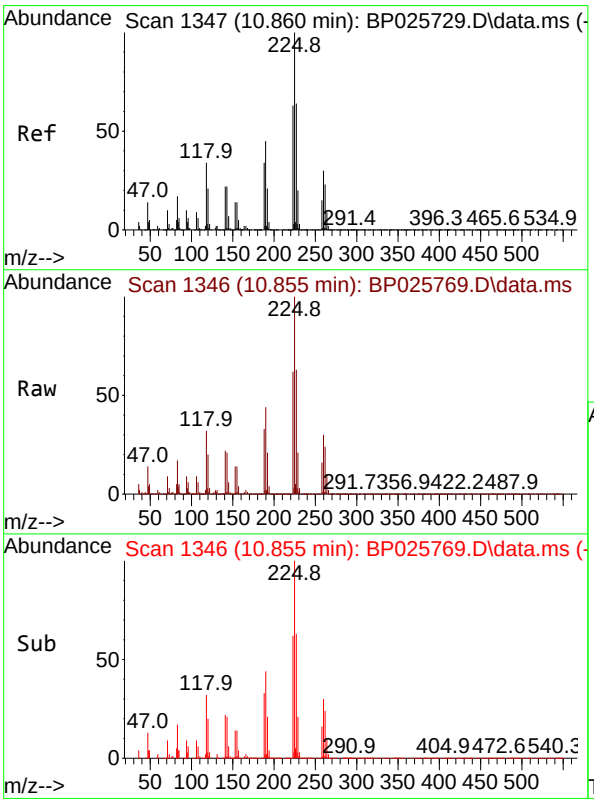
#33
4-Chloroaniline
Concen: 42.829 ng
RT: 10.684 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 641783

Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.1	37.7
65	33.0	26.4	39.6
92	20.2	15.9	23.9

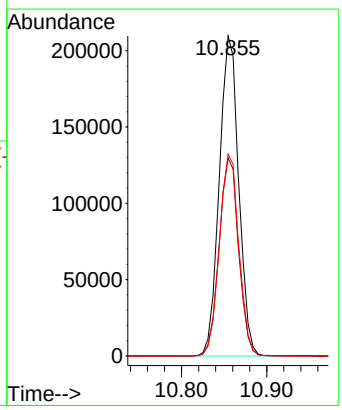


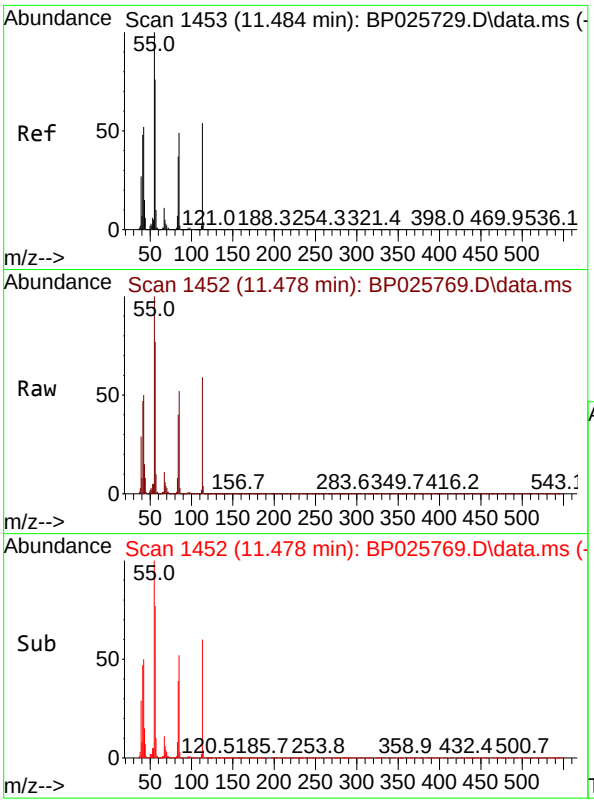


#34
Hexachlorobutadiene
Concen: 43.289 ng
RT: 10.855 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:225 Resp: 330726

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.1	75.1
227	63.1	51.2	76.8



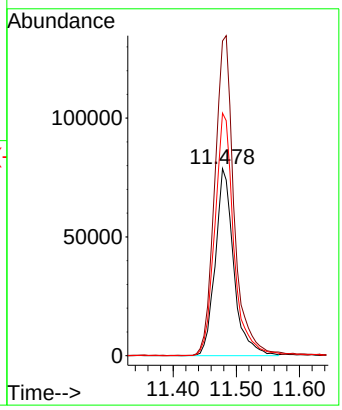


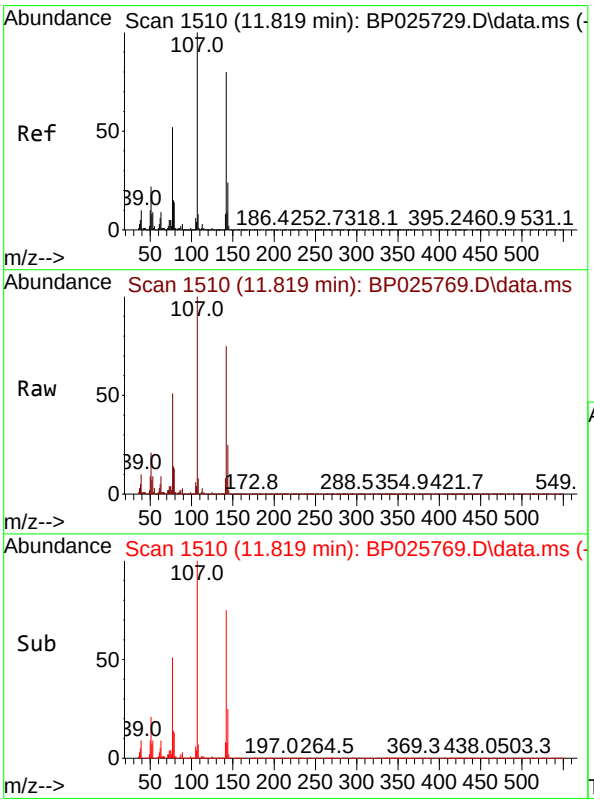
#35
Caprolactam
Concen: 39.295 ng
RT: 11.478 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 159515

Ion	Ratio	Lower	Upper
113	100		
55	168.2	165.5	205.5
56	129.6	121.1	161.1

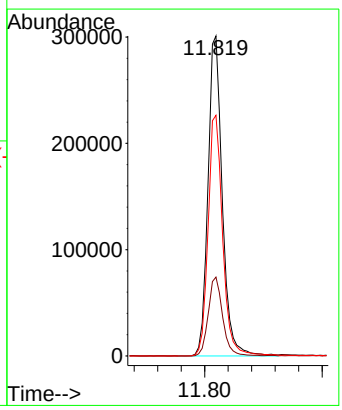


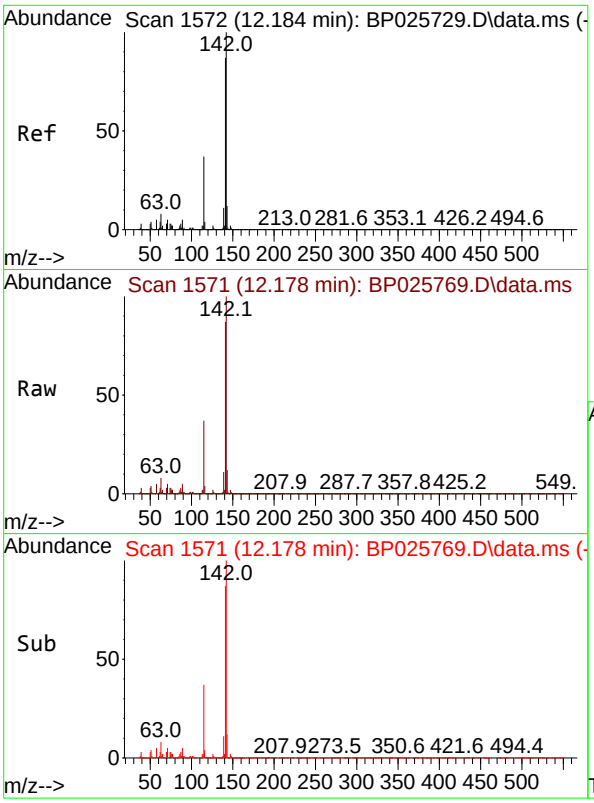


#36
4-Chloro-3-methylphenol
Concen: 40.632 ng
RT: 11.819 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:107 Resp: 510131

Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.4	29.2
142	75.2	63.8	95.6



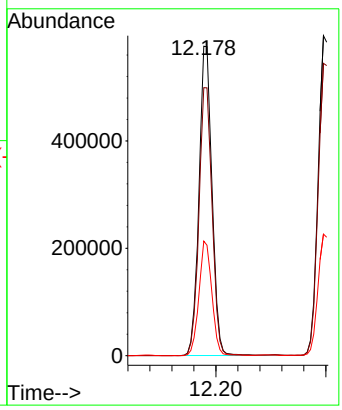


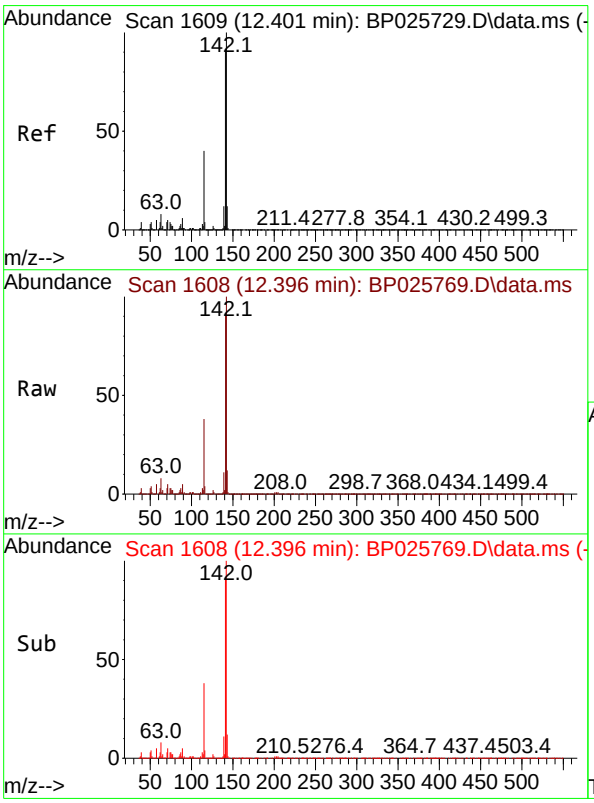
#37
2-Methylnaphthalene
Concen: 41.141 ng
RT: 12.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 949986

Ion	Ratio	Lower	Upper
142	100		
141	86.6	69.6	104.4
115	37.1	30.0	45.0

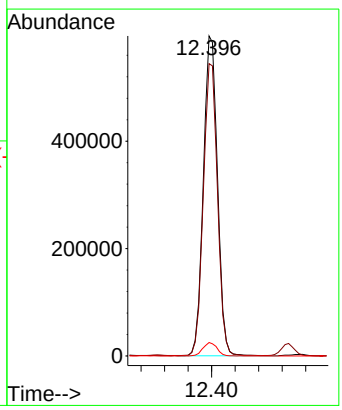


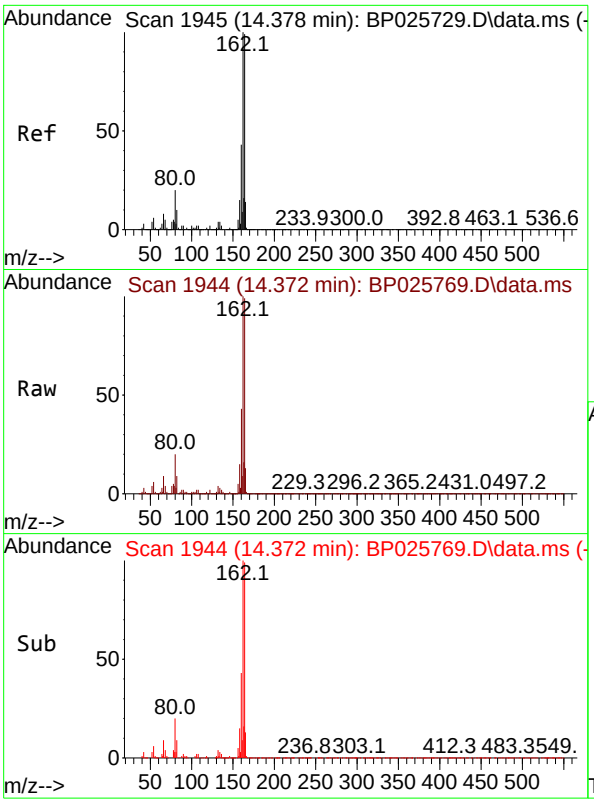


#38
1-Methylnaphthalene
Concen: 40.138 ng
RT: 12.396 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:142 Resp: 988358

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.7	109.1
116	4.2	3.5	5.3



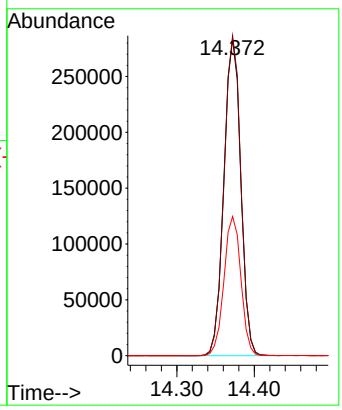


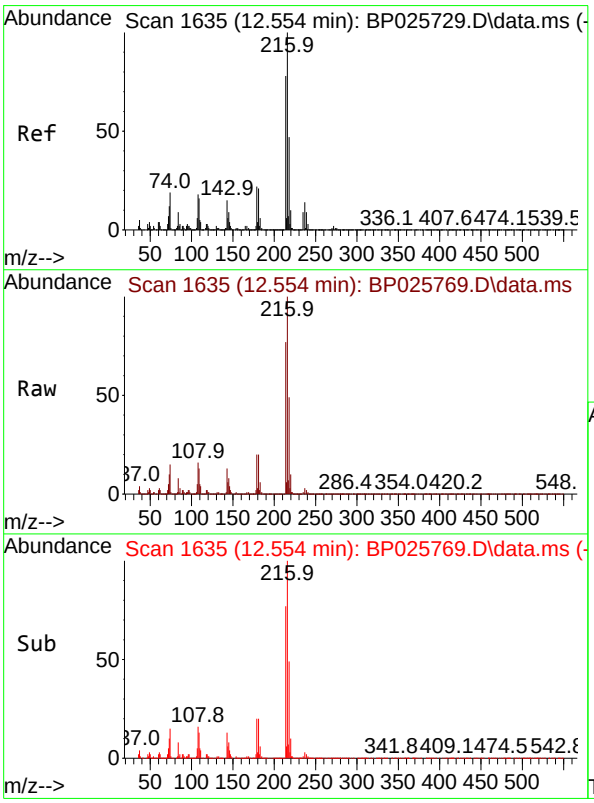
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 429441

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	44.0	35.0	52.6

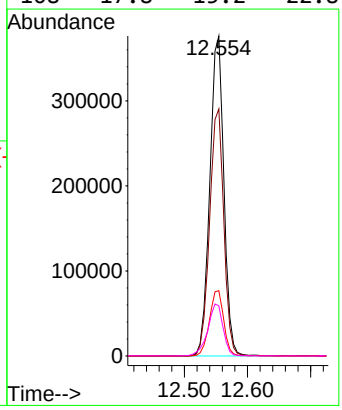


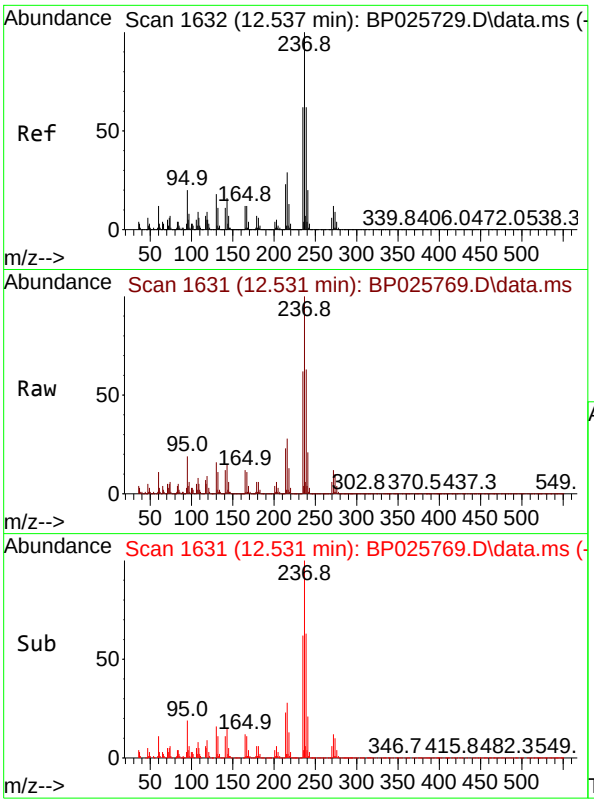


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.655 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:216 Resp: 581099

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.4	93.6
179	20.8	17.0	25.6
108	17.8	15.2	22.8



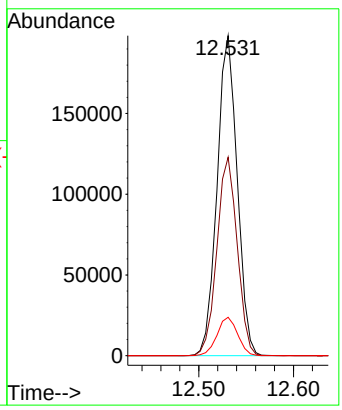


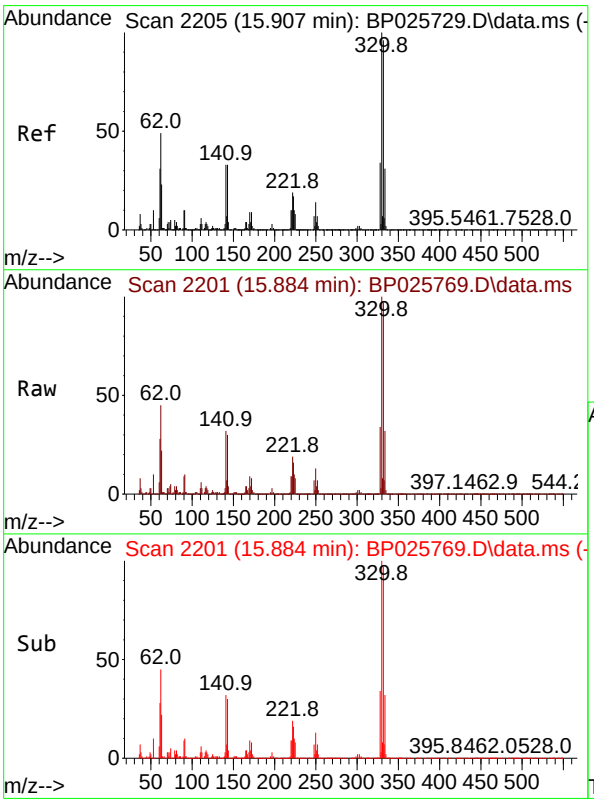
#41
Hexachlorocyclopentadiene
Concen: 41.273 ng
RT: 12.531 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 292523

Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.9	81.9
272	12.0	0.0	31.8

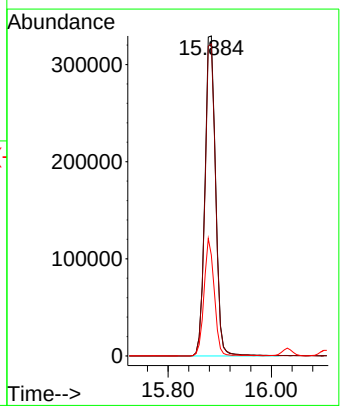


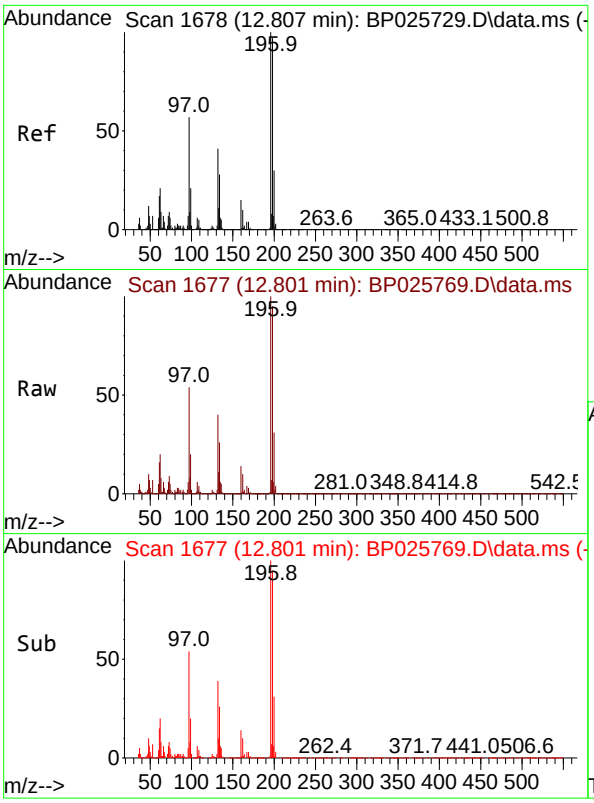


#42
2,4,6-Tribromophenol
Concen: 88.408 ng
RT: 15.884 min Scan# 2201
Delta R.T. -0.023 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:330 Resp: 473551

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.9	115.3
141	35.0	31.0	46.4



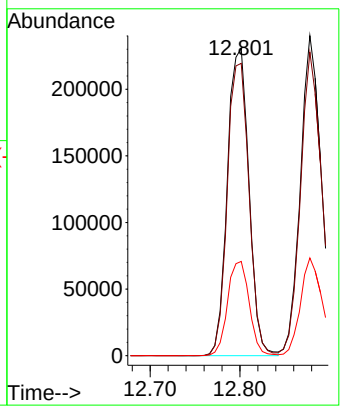


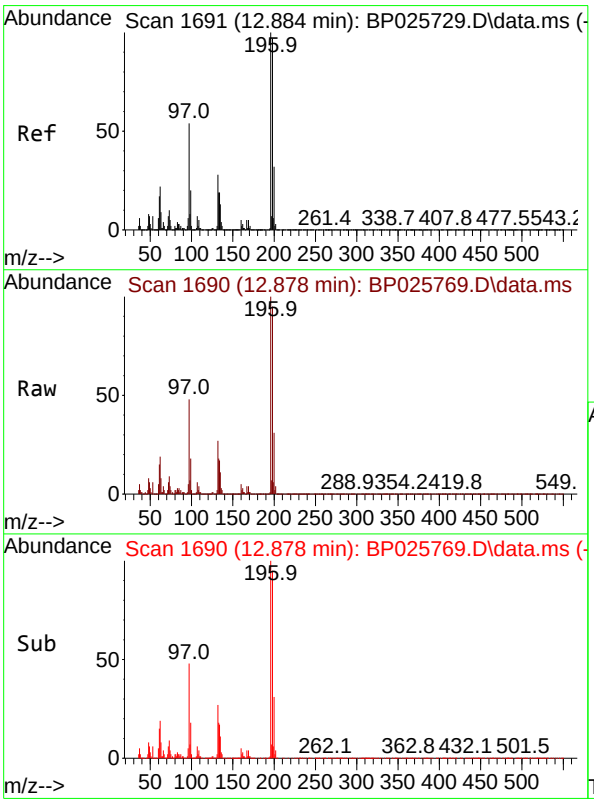
#43
2,4,6-Trichlorophenol
Concen: 45.031 ng
RT: 12.801 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 385236

Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.2	115.8
200	30.7	24.2	36.2

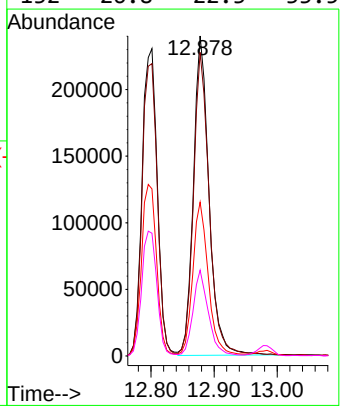


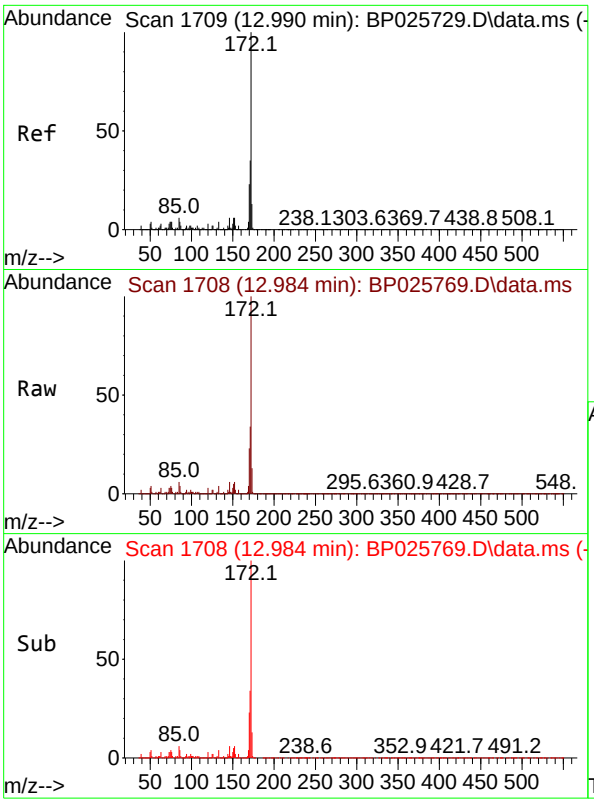


#44
2,4,5-Trichlorophenol
Concen: 43.271 ng
RT: 12.878 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:196 Resp: 411981

Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.8	116.8
97	48.0	43.3	64.9
132	26.8	22.3	33.5



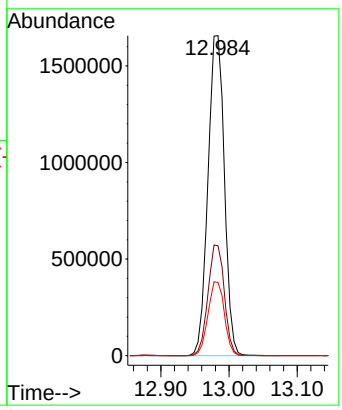


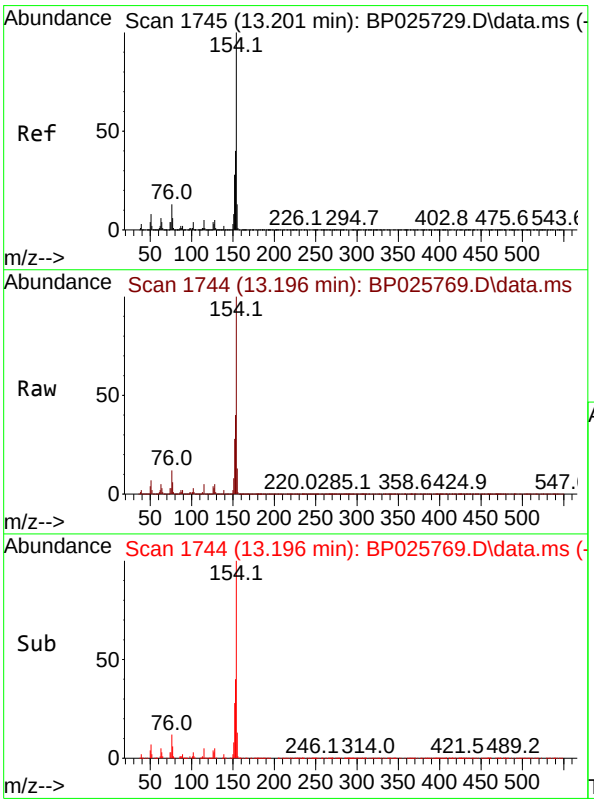
#45
2-Fluorobiphenyl
Concen: 86.179 ng
RT: 12.984 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 2779480

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	22.9	18.6	27.8

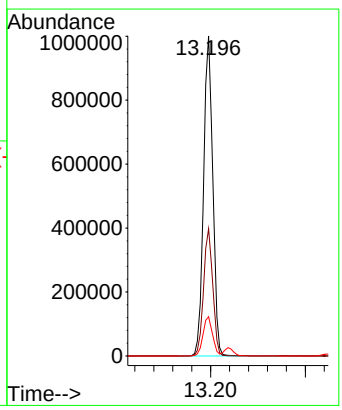


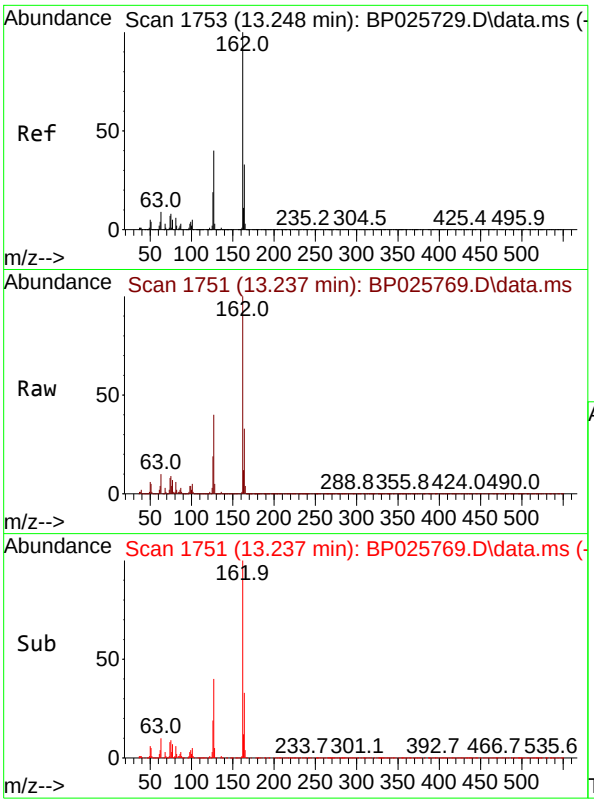


#46
1,1'-Biphenyl
Concen: 42.887 ng
RT: 13.196 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:154 Resp: 1351846

Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.7	59.7
76	12.2	0.0	33.3



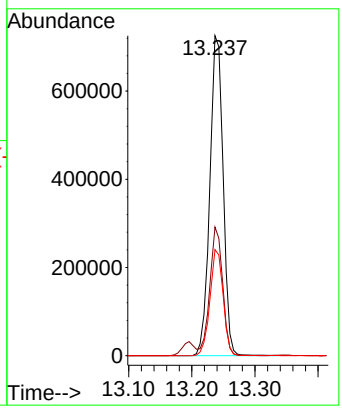


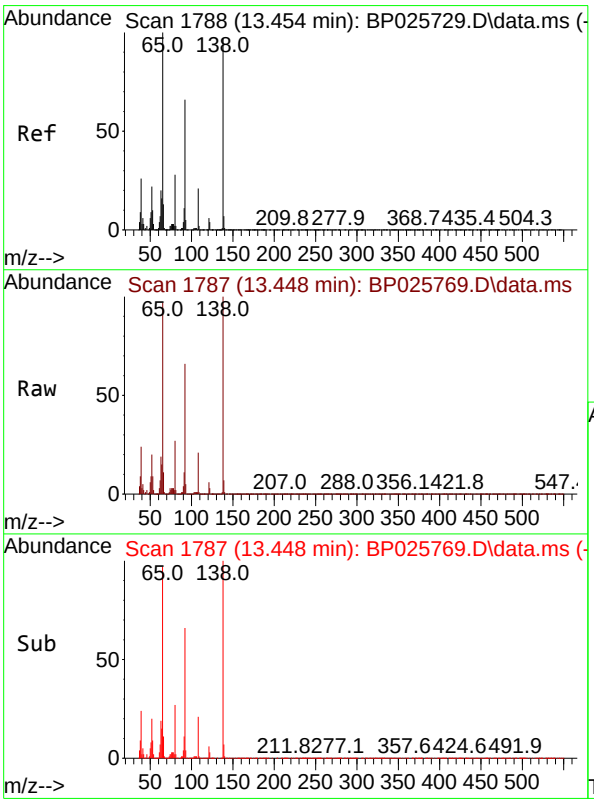
#47
2-Chloronaphthalene
Concen: 42.742 ng
RT: 13.237 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1060854

Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.2	48.4
164	33.2	26.5	39.7

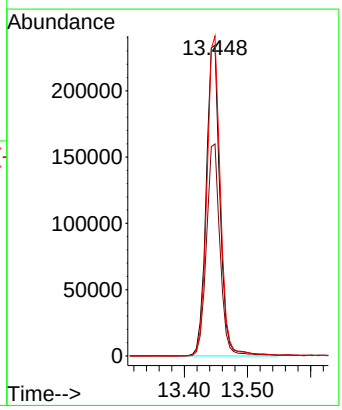


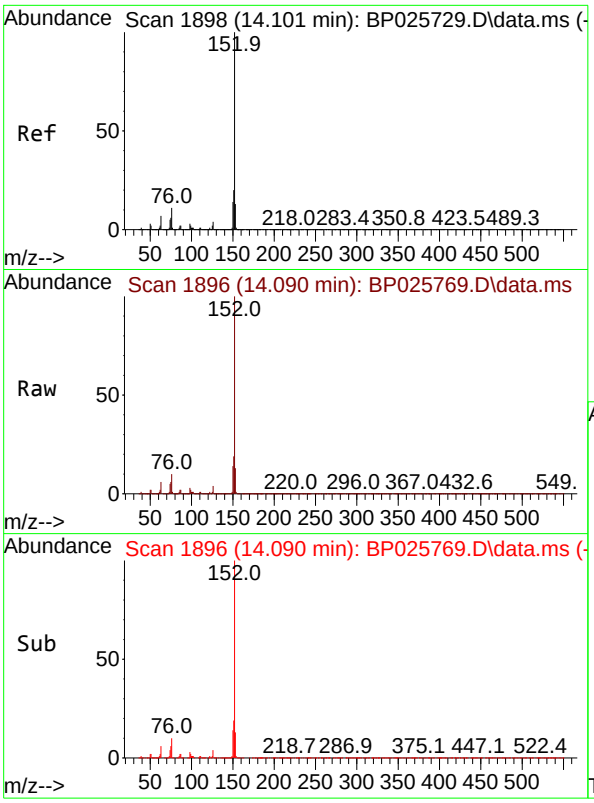


#48
2-Nitroaniline
Concen: 42.901 ng
RT: 13.448 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 65 Resp: 354943

Ion	Ratio	Lower	Upper
65	100		
92	68.2	53.1	79.7
138	102.9	77.8	116.8



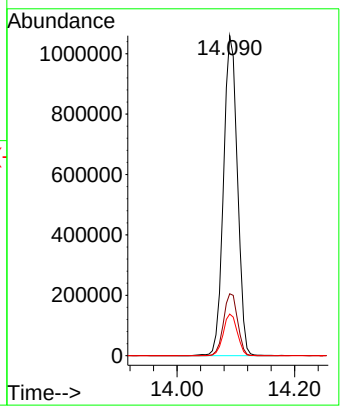


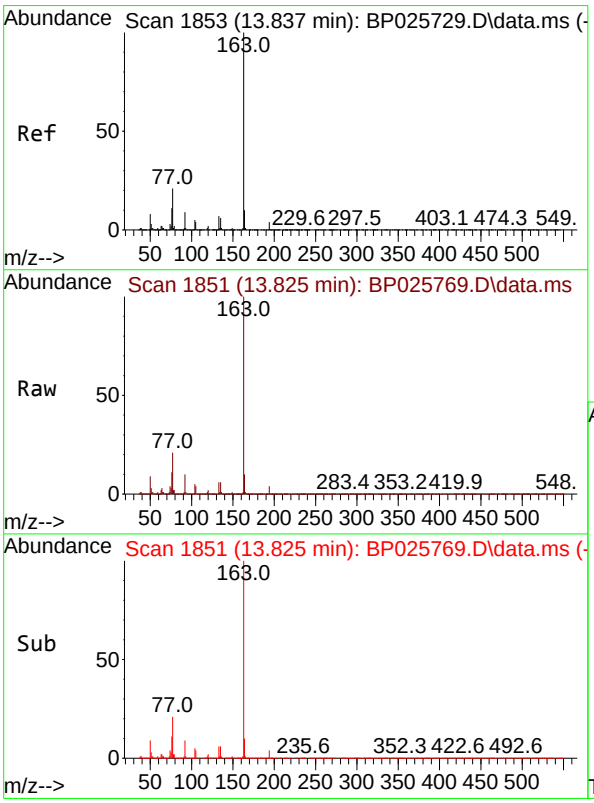
#49
Acenaphthylene
Concen: 42.335 ng
RT: 14.090 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1740975

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	13.0	10.5	15.7

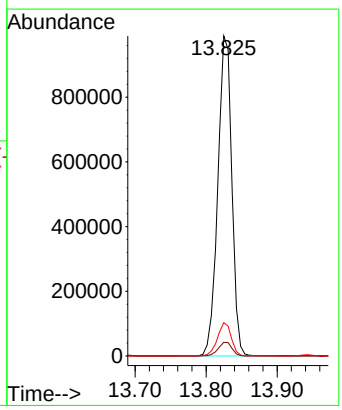


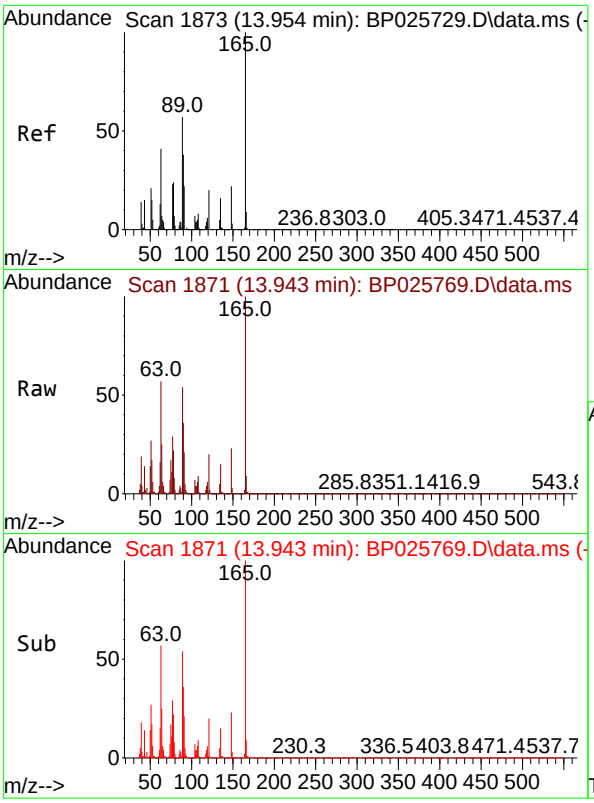


#50
Dimethylphthalate
Concen: 41.057 ng
RT: 13.825 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:163 Resp: 1346102

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.4	8.2	12.2



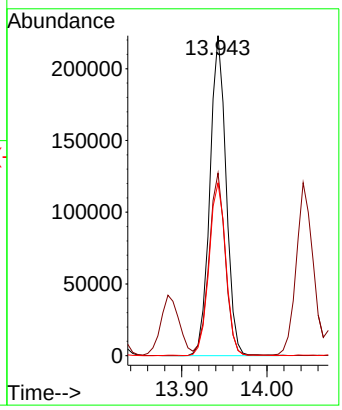


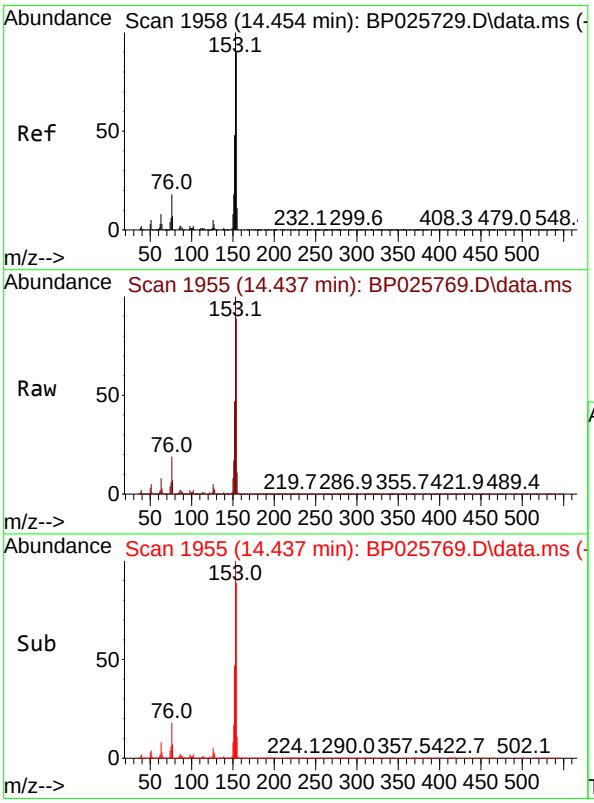
#51
2,6-Dinitrotoluene
Concen: 42.451 ng
RT: 13.943 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 294880

Ion	Ratio	Lower	Upper
165	100		
63	57.1	48.1	72.1
89	53.9	45.4	68.0

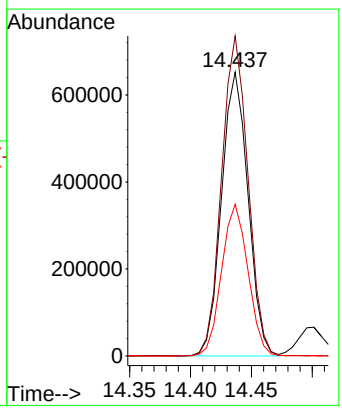


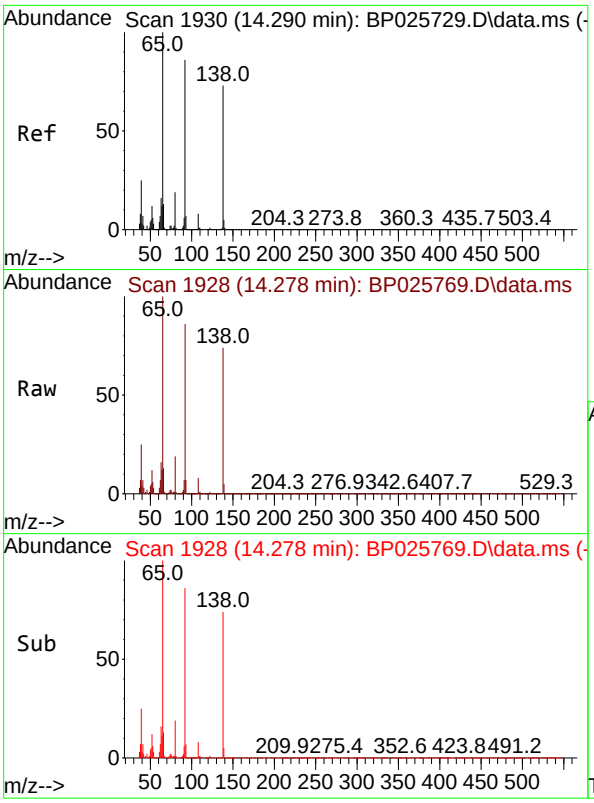


#52
Acenaphthene
Concen: 41.602 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:154 Resp: 986617

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.4	134.0
152	53.4	42.5	63.7



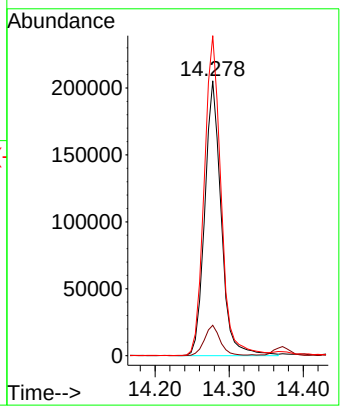


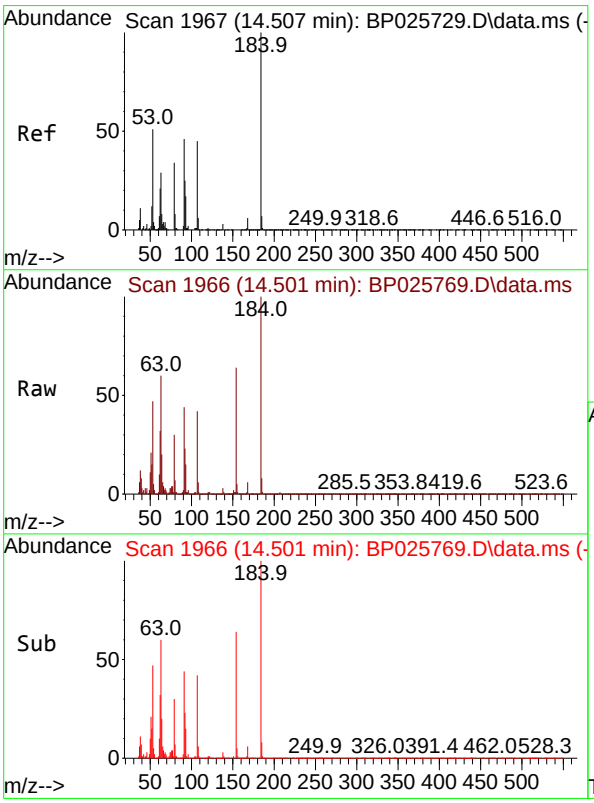
#53
3-Nitroaniline
Concen: 43.284 ng
RT: 14.278 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 316169

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.7	13.1
92	116.4	94.6	142.0

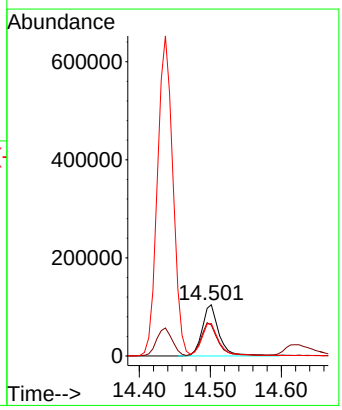


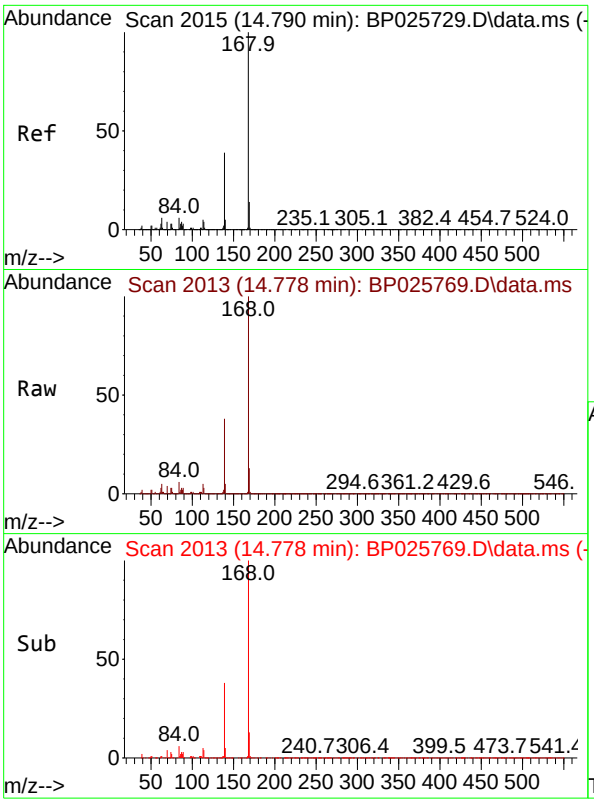


#54
2,4-Dinitrophenol
Concen: 40.517 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:184 Resp: 171547

Ion	Ratio	Lower	Upper
184	100		
63	60.3	52.5	78.7
154	63.6	51.5	77.3



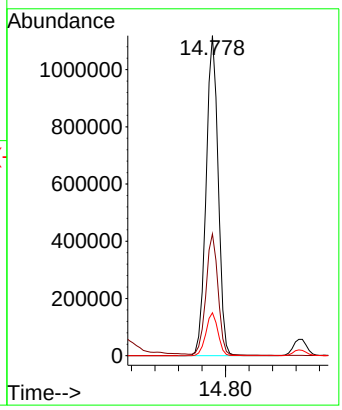


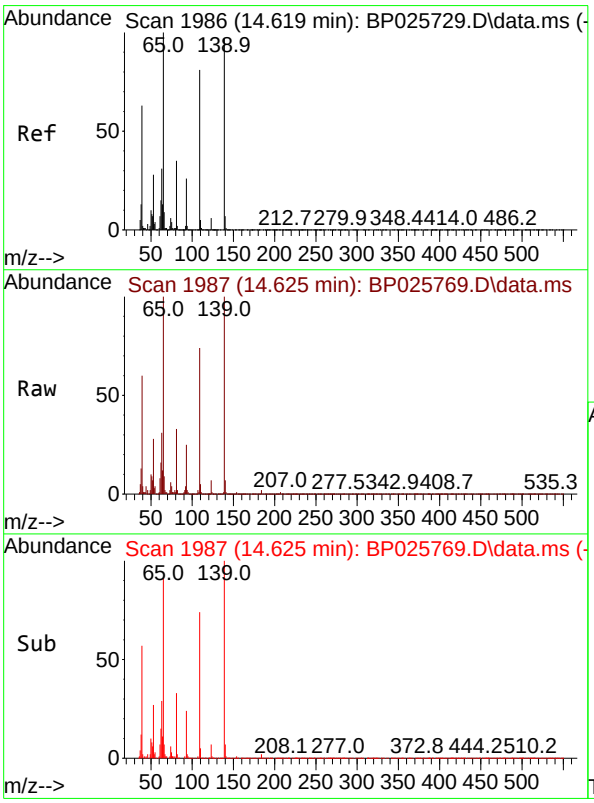
#55
Dibenzofuran
Concen: 41.159 ng
RT: 14.778 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1590903

Ion	Ratio	Lower	Upper
168	100		
139	38.0	31.7	47.5
169	13.4	10.8	16.2

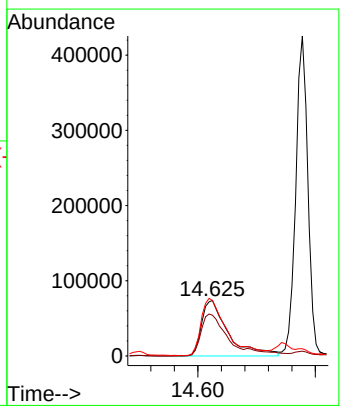


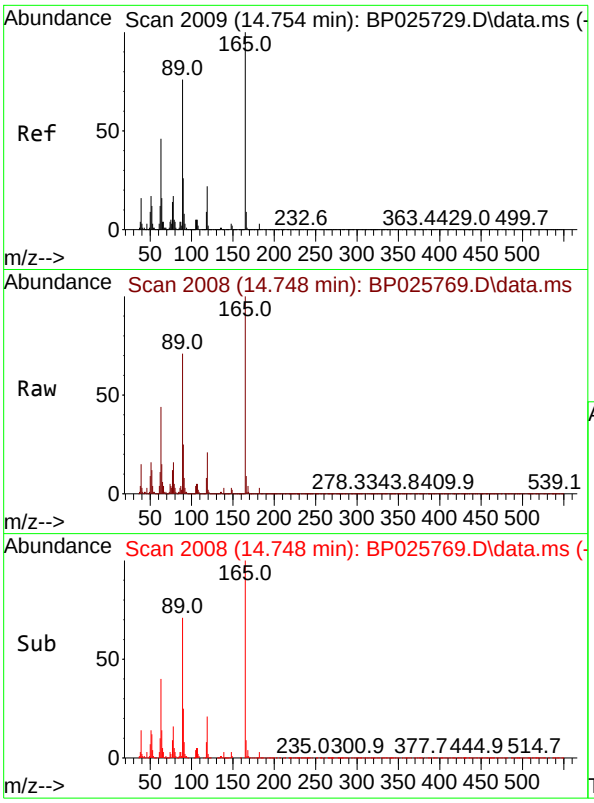


#56
4-Nitrophenol
Concen: 39.056 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:139 Resp: 230394

Ion	Ratio	Lower	Upper
139	100		
109	73.7	62.9	102.9
65	100.1	83.4	123.4



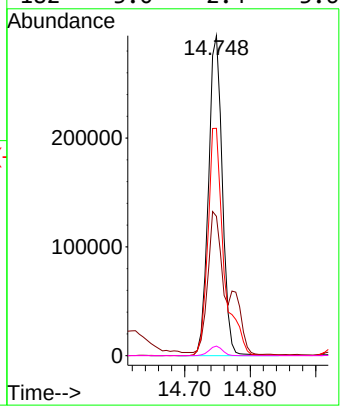


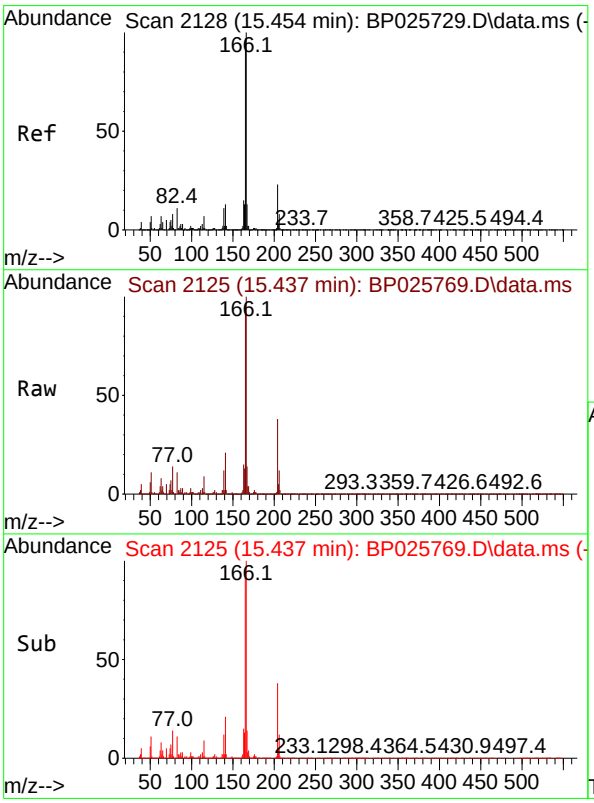
#57
2,4-Dinitrotoluene
Concen: 43.639 ng
RT: 14.748 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 431402

Ion	Ratio	Lower	Upper
165	100		
63	43.5	37.7	56.5
89	71.0	61.0	91.6
182	3.0	2.4	3.6

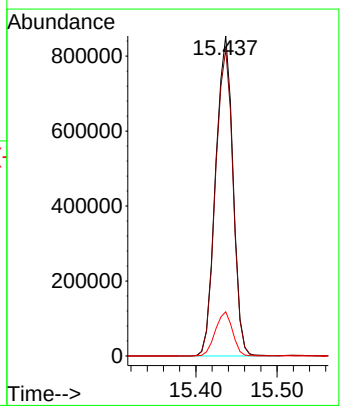


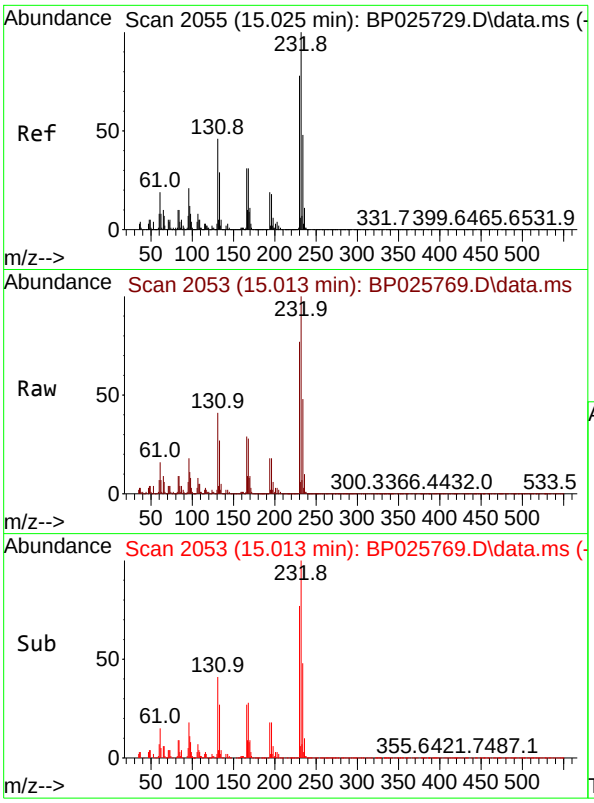


#58
Fluorene
Concen: 41.244 ng
RT: 15.437 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:166 Resp: 1267660

Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.7	116.5
167	13.8	10.6	16.0



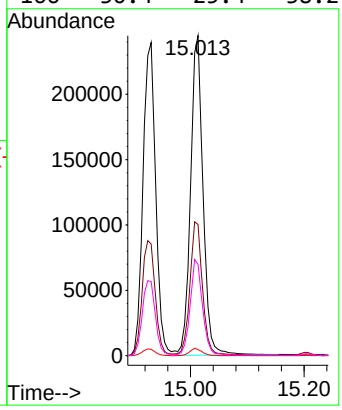


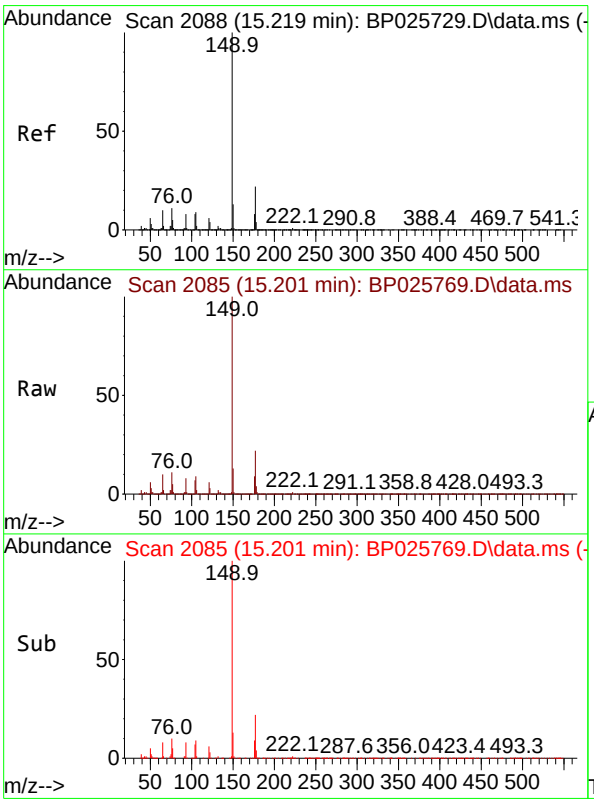
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.535 ng
RT: 15.013 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 373386

Ion	Ratio	Lower	Upper
232	100		
131	42.2	36.7	55.1
130	2.3	2.0	3.0
166	30.4	25.4	38.2

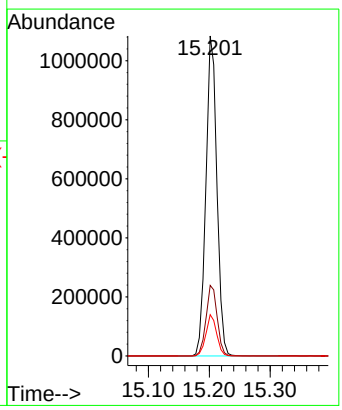


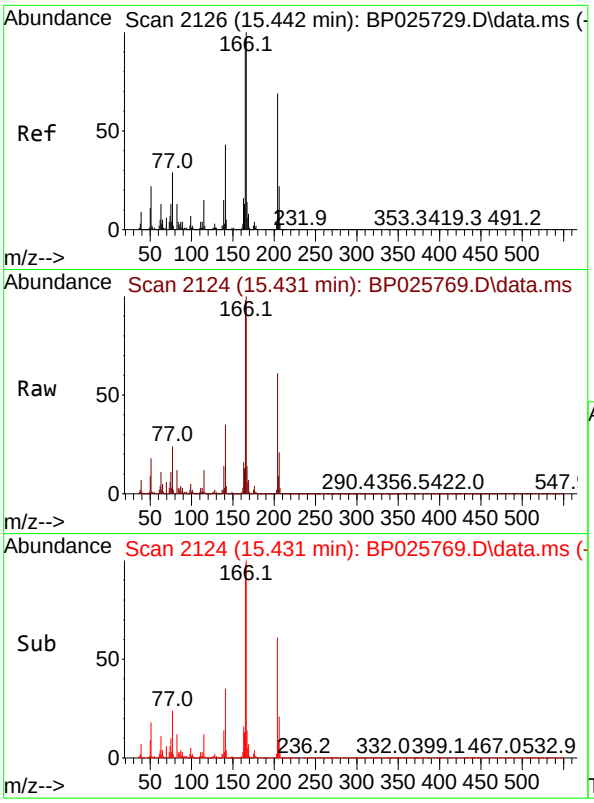


#60
Diethylphthalate
Concen: 40.822 ng
RT: 15.201 min Scan# 2085
Delta R.T. -0.018 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:149 Resp: 1357623

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.7	26.5
150	12.9	10.0	15.0



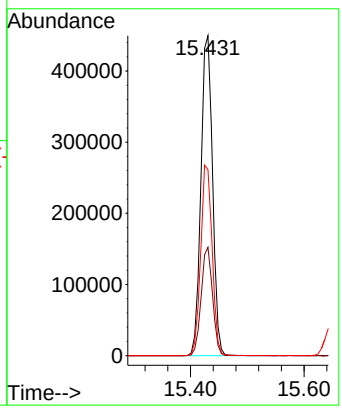


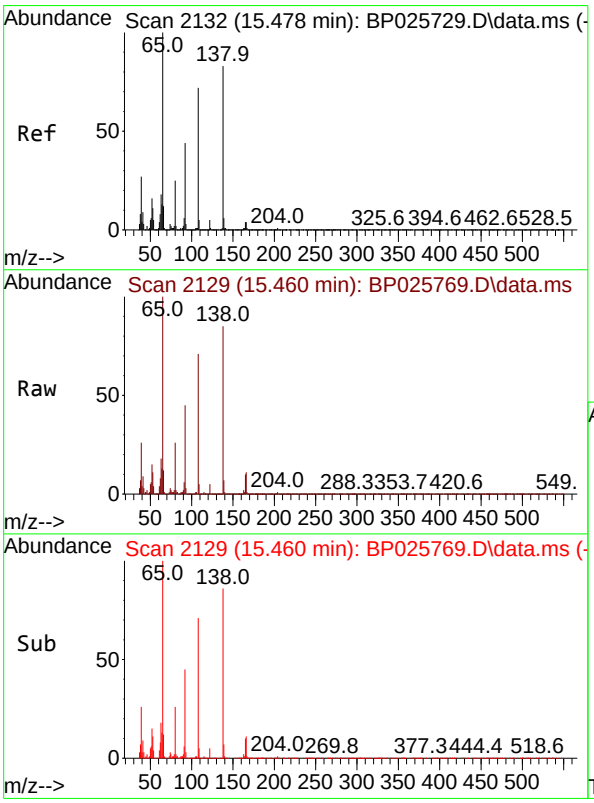
#61
4-Chlorophenyl-phenylether
Concen: 41.121 ng
RT: 15.431 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 636962

Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.0	39.0
141	58.2	49.7	74.5

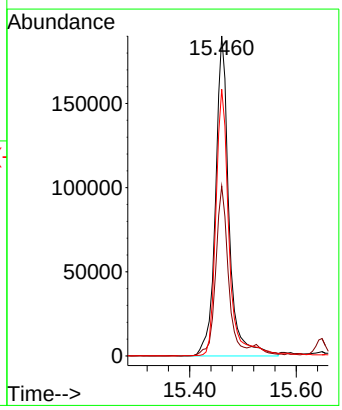


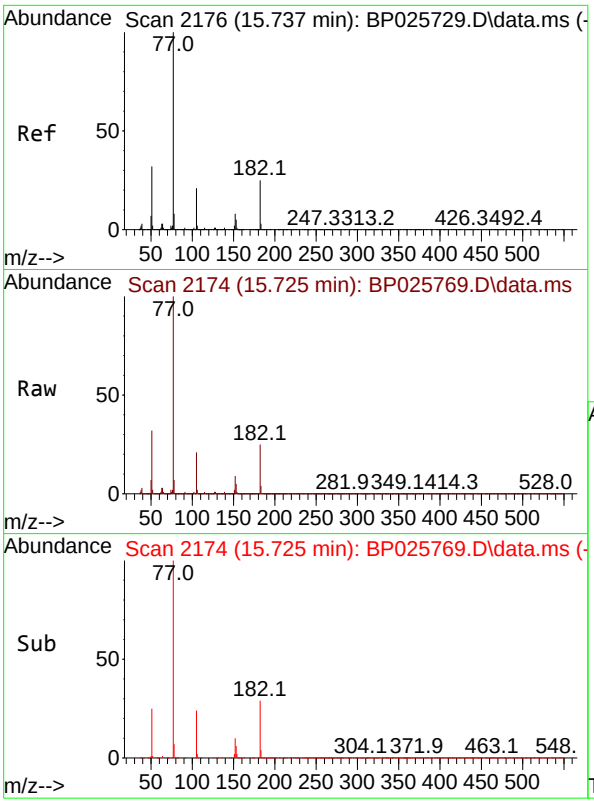


#62
4-Nitroaniline
Concen: 44.579 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.018 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:138 Resp: 333600

Ion	Ratio	Lower	Upper
138	100		
92	53.1	33.3	73.3
108	83.3	66.7	106.7



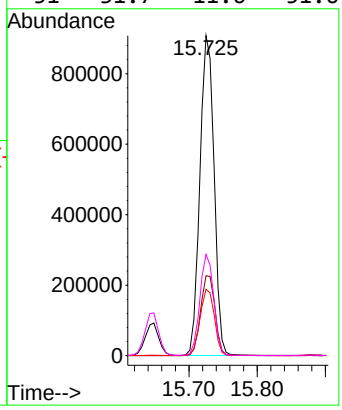


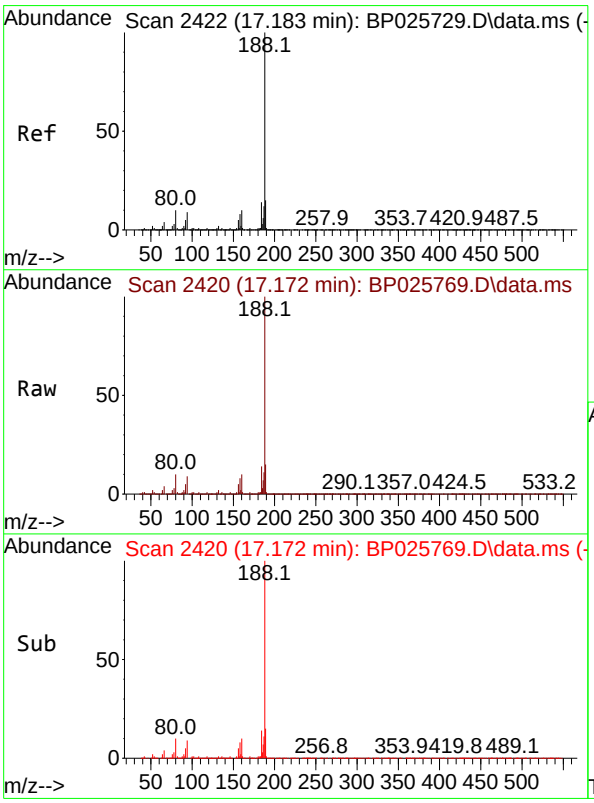
#63
Azobenzene
Concen: 40.740 ng
RT: 15.725 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1310077

Ion	Ratio	Lower	Upper
77	100		
182	25.0	5.2	45.2
105	20.7	1.1	41.1
51	31.7	11.6	51.6

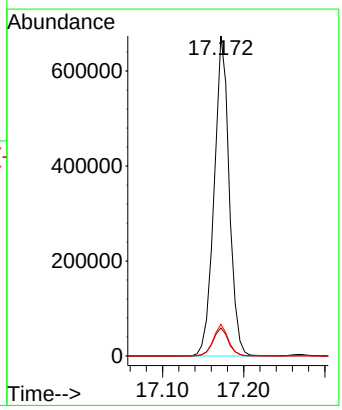


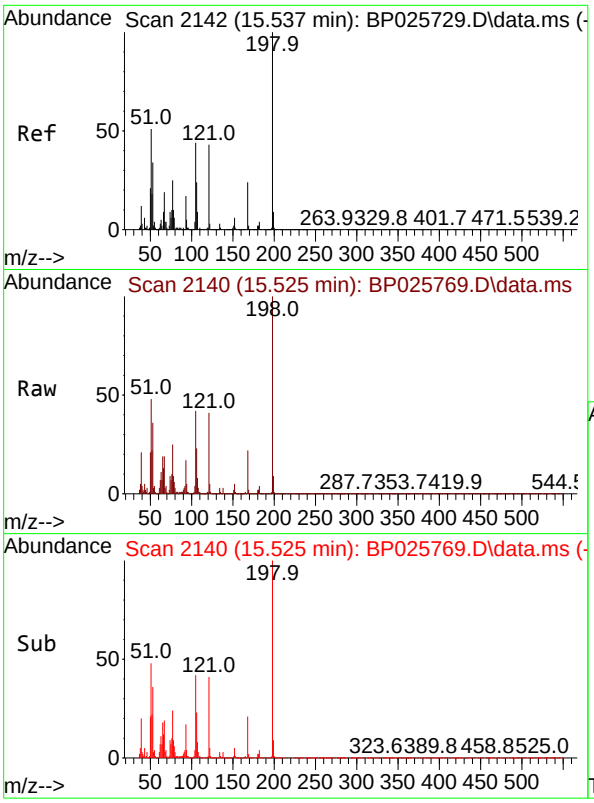


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:188 Resp: 869670

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.0
80	9.9	7.7	11.5



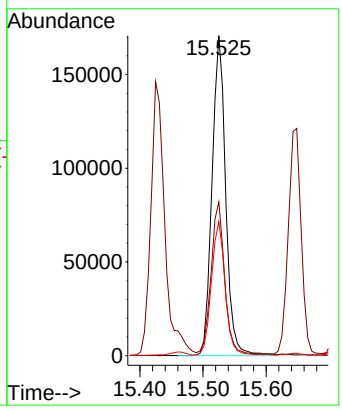


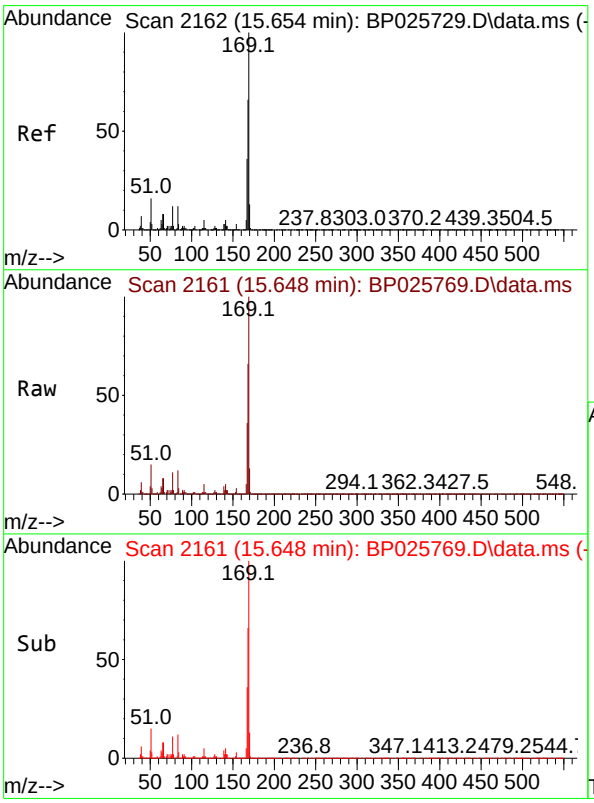
#65
4,6-Dinitro-2-methylphenol
Concen: 44.347 ng
RT: 15.525 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 256487

Ion	Ratio	Lower	Upper
198	100		
51	48.1	33.4	73.4
105	41.9	24.3	64.3

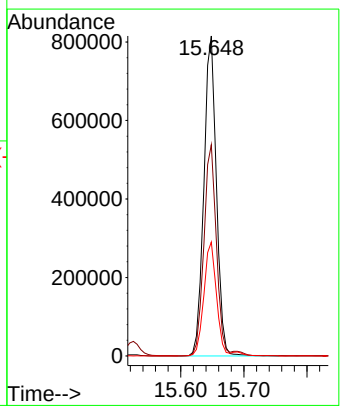


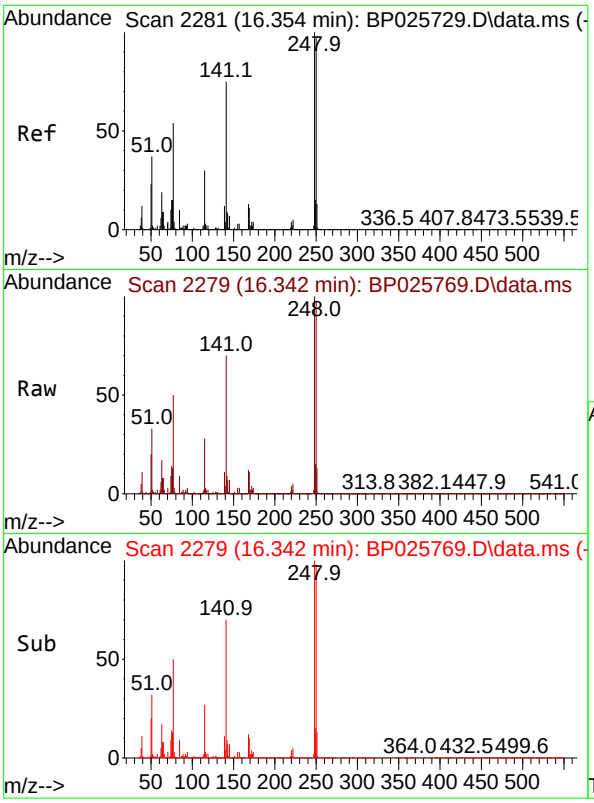


#66
n-Nitrosodiphenylamine
Concen: 42.264 ng
RT: 15.648 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:169 Resp: 1124825

Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.6	78.8
167	35.6	28.5	42.7



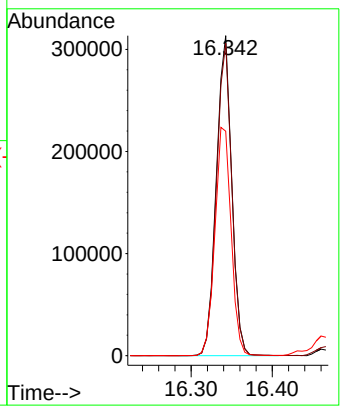


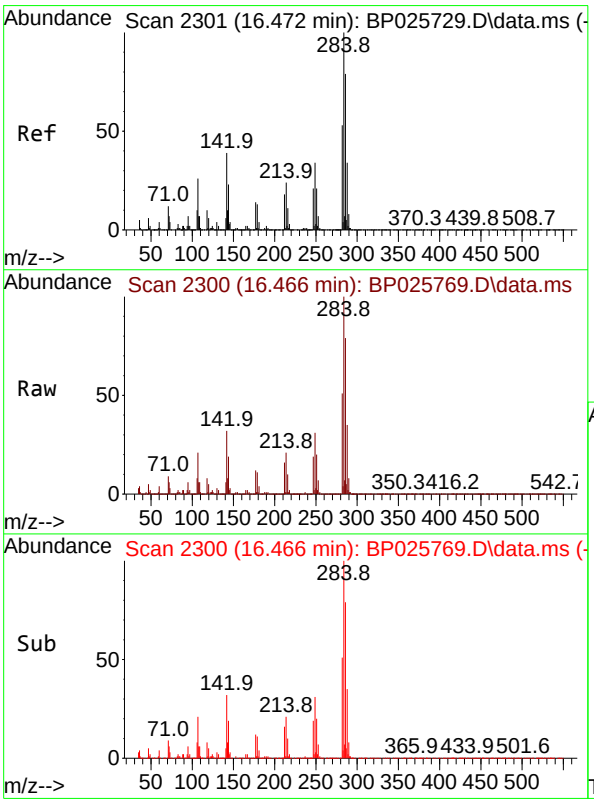
#67
4-Bromophenyl-phenylether
Concen: 43.445 ng
RT: 16.342 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 415076

Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.5	116.3
141	70.2	60.2	90.4

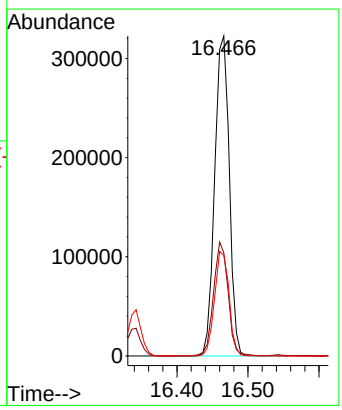


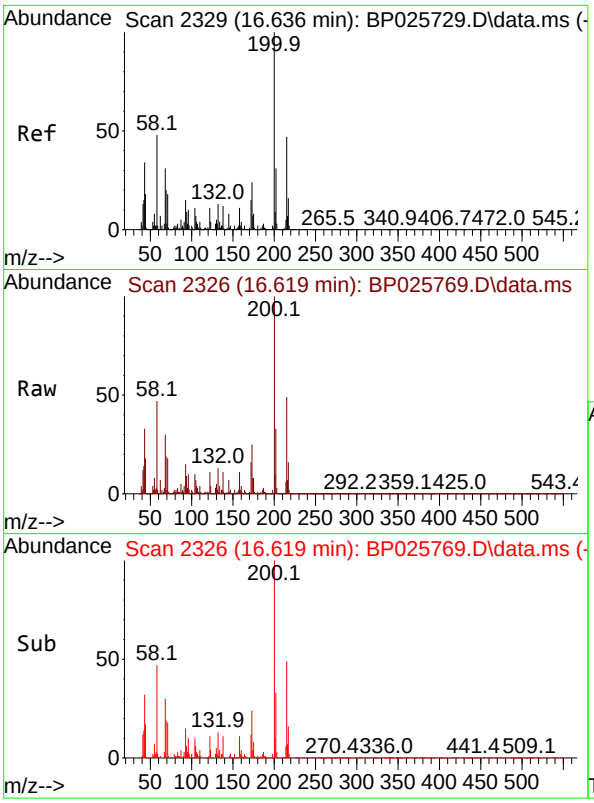


#68
Hexachlorobenzene
Concen: 42.957 ng
RT: 16.466 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:284 Resp: 457685

Ion	Ratio	Lower	Upper
284	100		
142	32.3	31.3	46.9
249	31.5	27.3	40.9



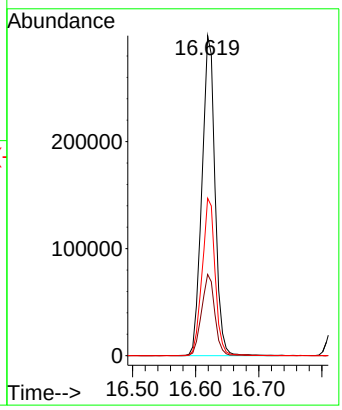


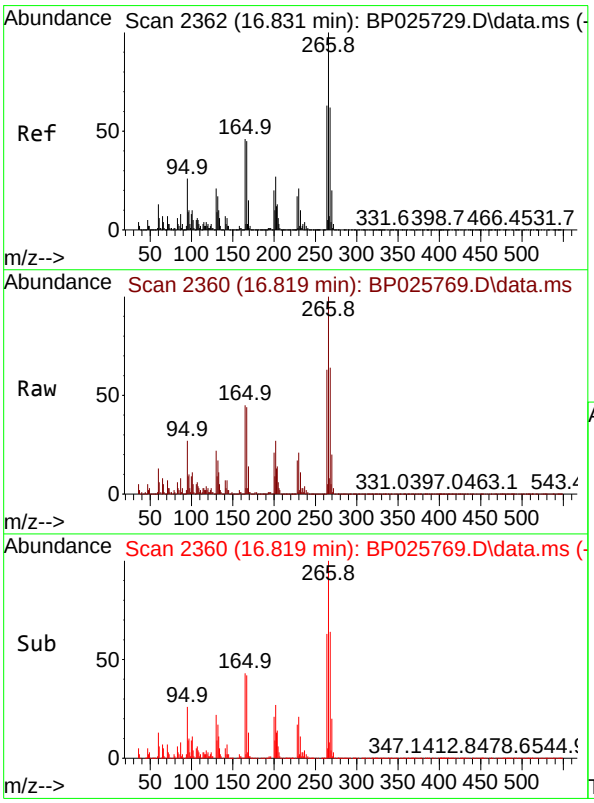
#69
Atrazine
Concen: 42.372 ng
RT: 16.619 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 431051

Ion	Ratio	Lower	Upper
200	100		
173	25.4	4.2	44.2
215	49.2	27.3	67.3

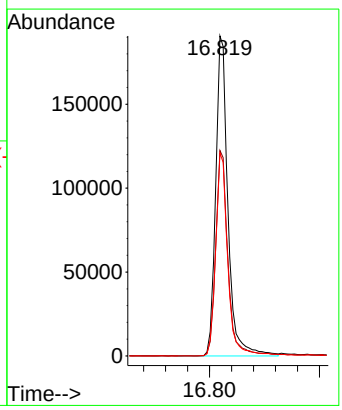


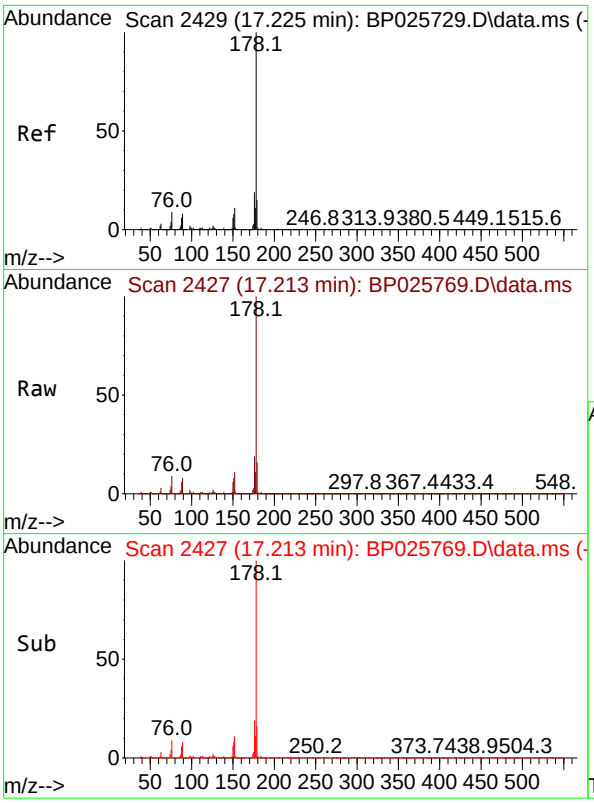


#70
Pentachlorophenol
Concen: 41.900 ng
RT: 16.819 min Scan# 2360
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:266 Resp: 294635

Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.8	74.8
264	63.4	50.2	75.2



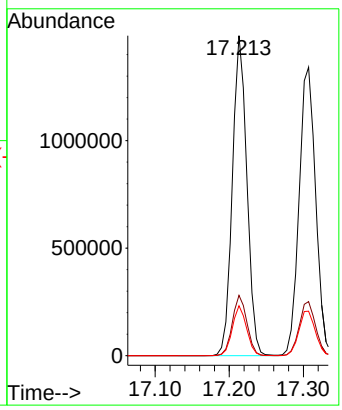


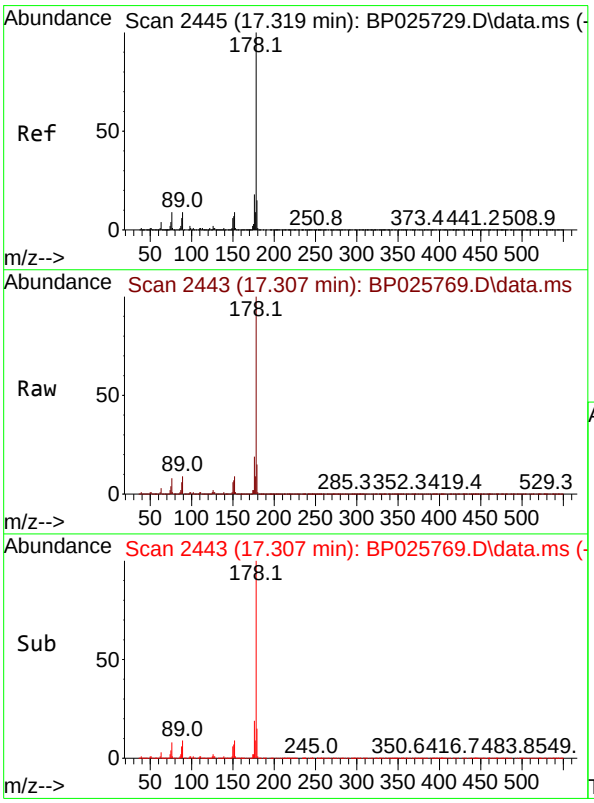
#71
Phenanthrene
Concen: 40.922 ng
RT: 17.213 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2018791

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.6	12.2	18.4

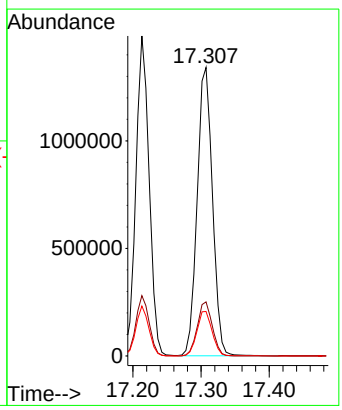


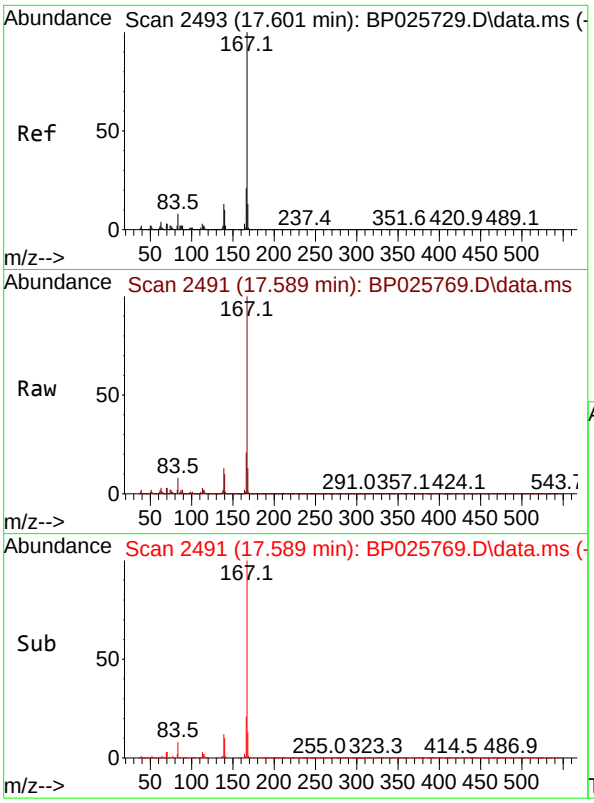


#72
Anthracene
Concen: 41.670 ng
RT: 17.307 min Scan# 2443
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:178 Resp: 2085746

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.4	12.2	18.4



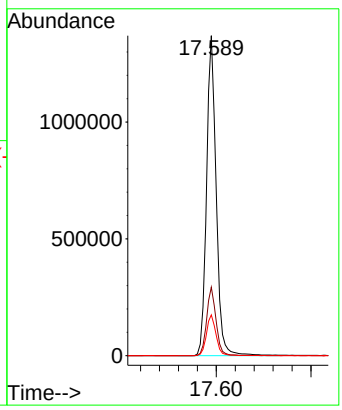


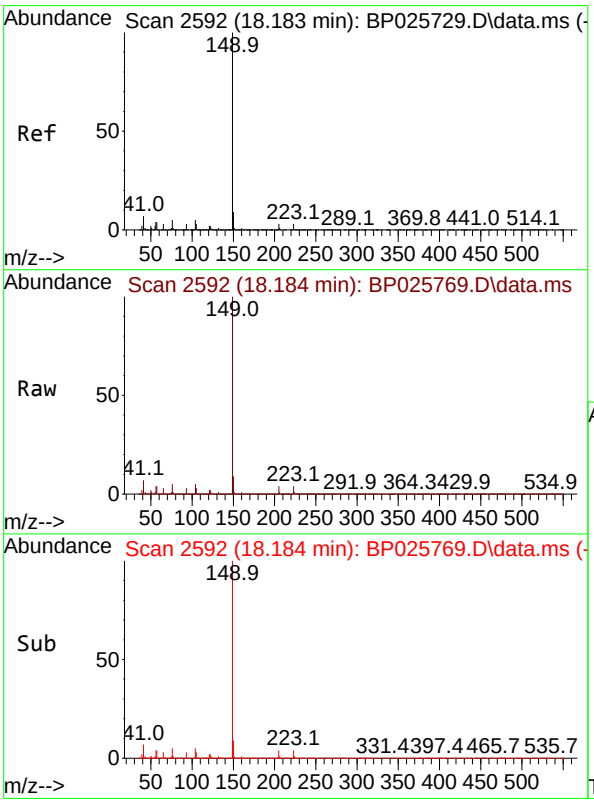
#73
Carbazole
Concen: 41.466 ng
RT: 17.589 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 1929650

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	12.8	10.6	16.0

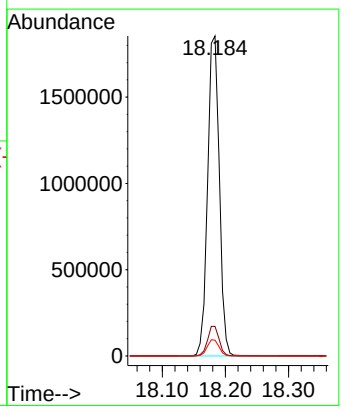


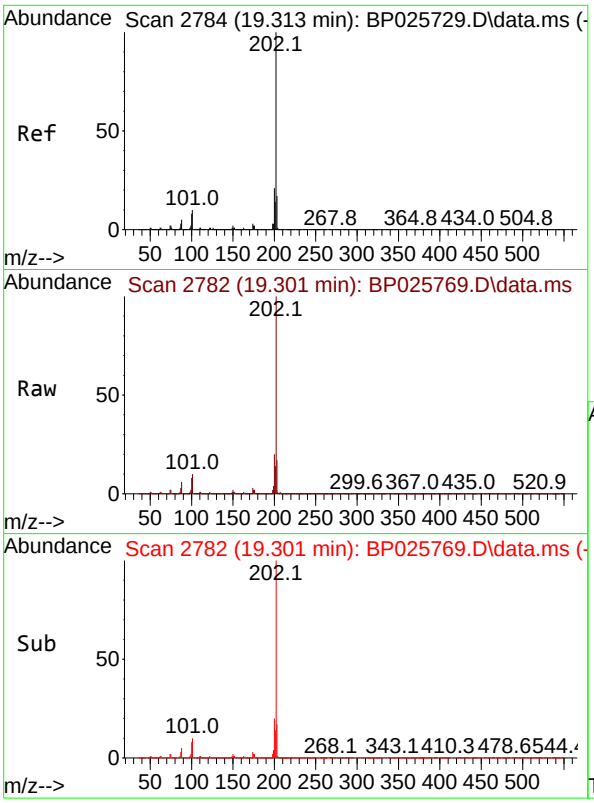


#74
Di-n-butylphthalate
Concen: 41.724 ng
RT: 18.184 min Scan# 2592
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:149 Resp: 2382759

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.0	4.3	6.5



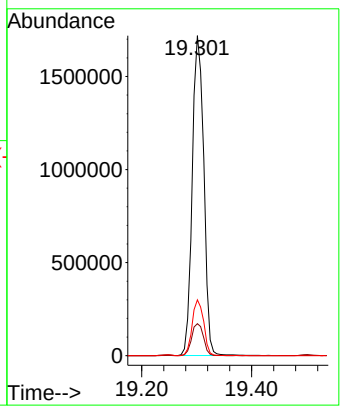


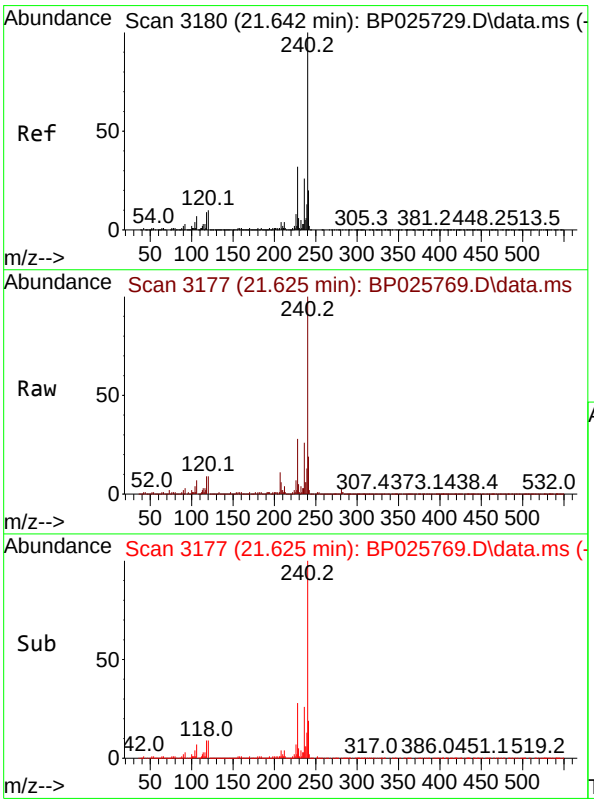
#75
Fluoranthene
Concen: 42.300 ng
RT: 19.301 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 2502712

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.4
203	17.5	0.0	37.4

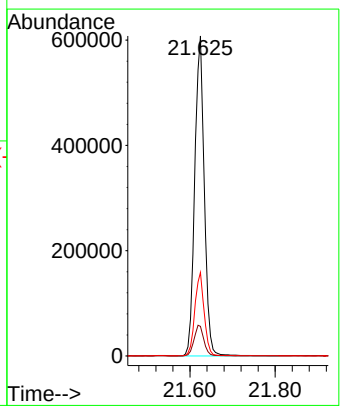


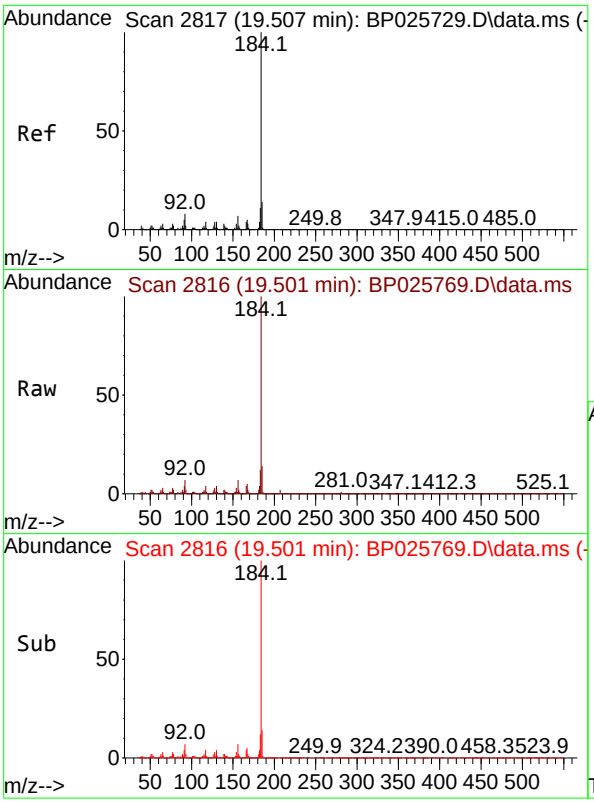


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3177
Delta R.T. -0.018 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:240 Resp: 945078

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.0	12.0
236	26.1	20.7	31.1



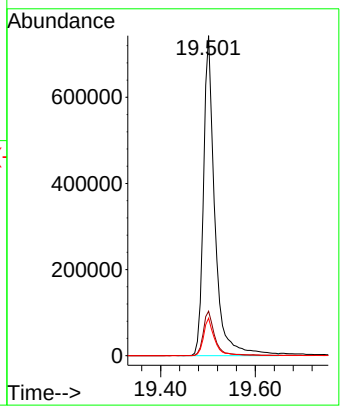


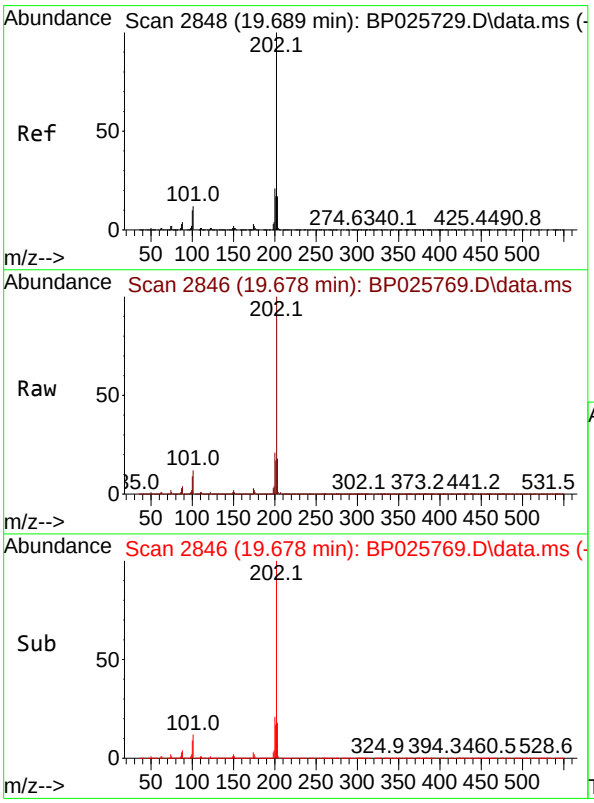
#77
Benzidine
Concen: 45.451 ng
RT: 19.501 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1237336

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	11.7	9.2	13.8

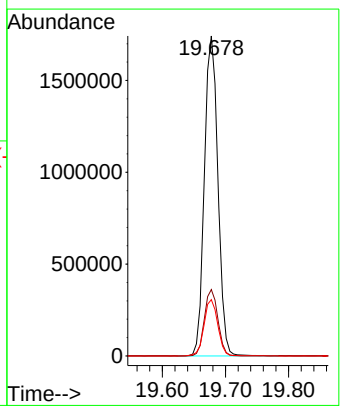


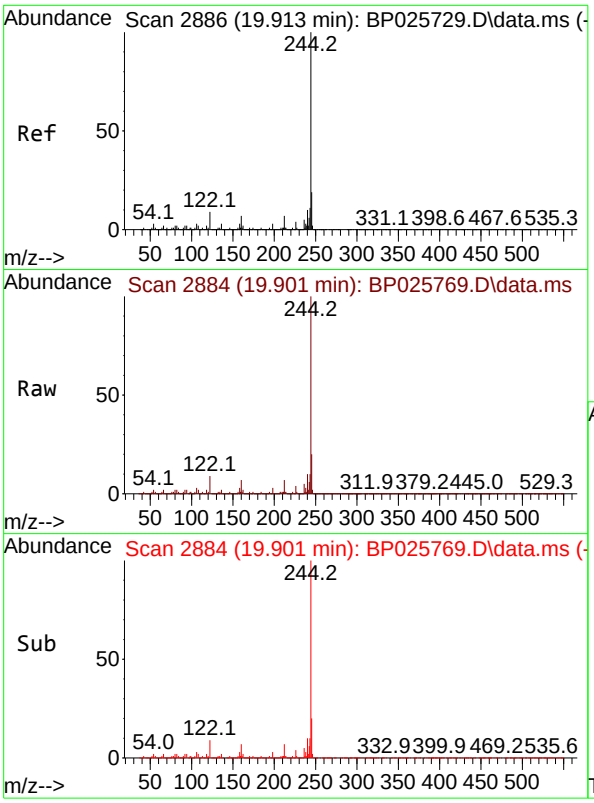


#78
Pyrene
Concen: 41.056 ng
RT: 19.678 min Scan# 2846
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:202 Resp: 2589027

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.6
203	17.6	13.9	20.9



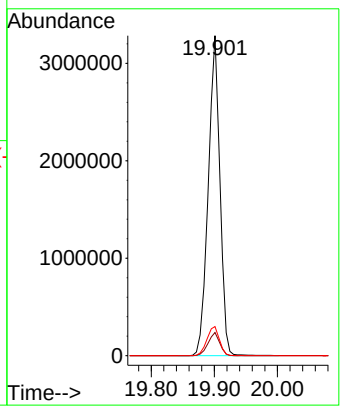


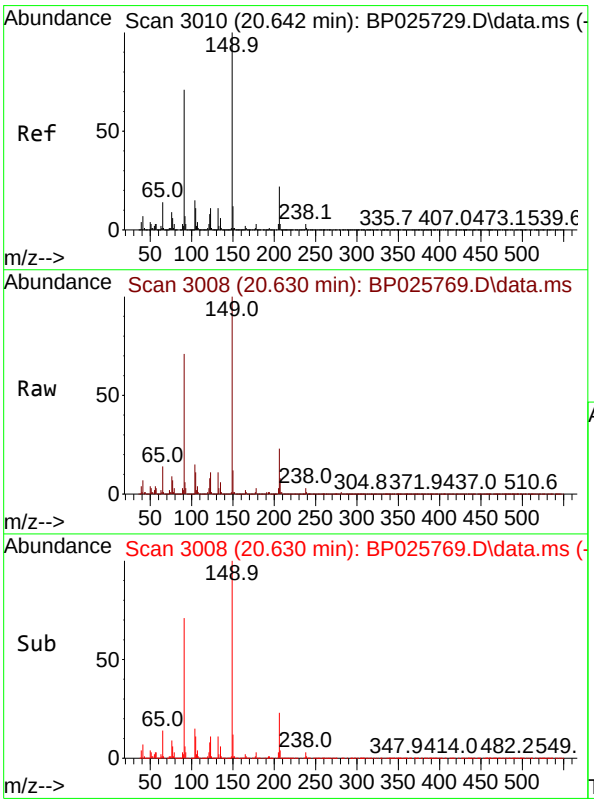
#79
Terphenyl-d14
Concen: 80.483 ng
RT: 19.901 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 4228079

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	9.1	7.1	10.7

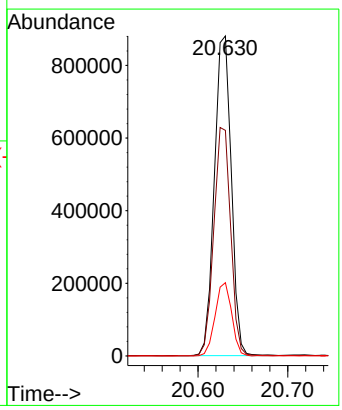


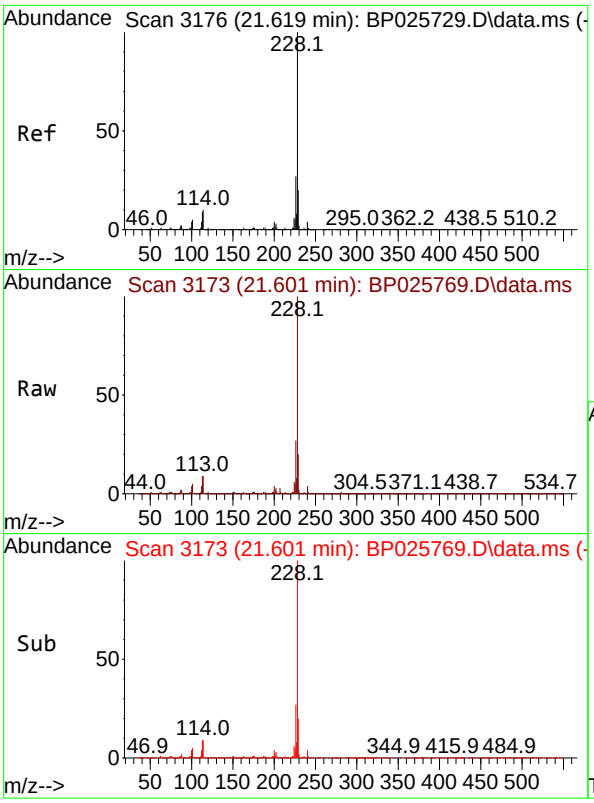


#80
Butylbenzylphthalate
Concen: 41.706 ng
RT: 20.630 min Scan# 3008
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:149 Resp: 1153154

Ion	Ratio	Lower	Upper
149	100		
91	70.5	56.6	85.0
206	22.9	17.4	26.0



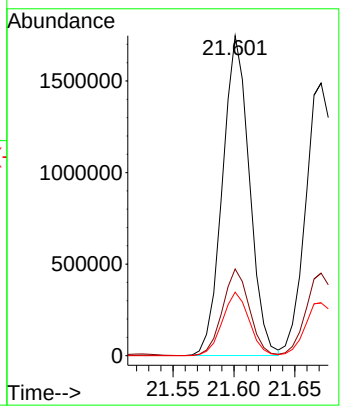


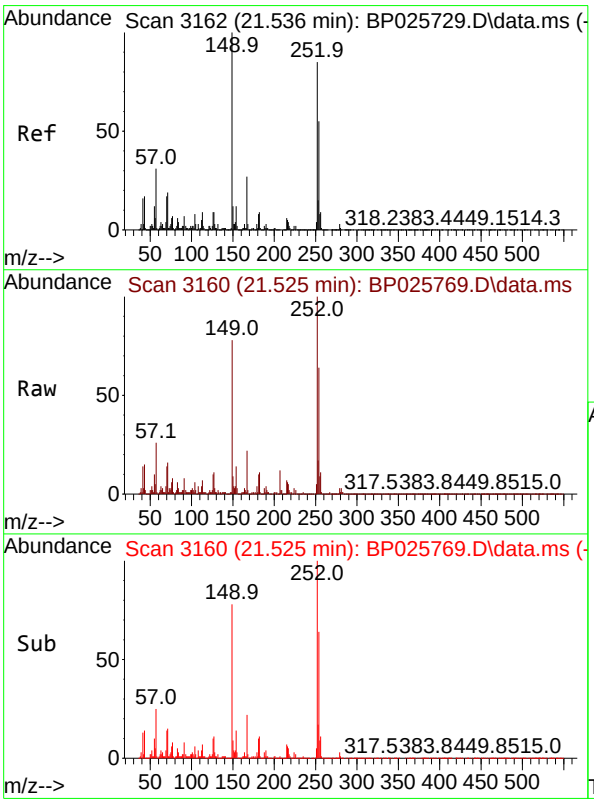
#81
Benzo(a)anthracene
Concen: 41.652 ng
RT: 21.601 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2694945

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.6	32.4
229	19.9	15.7	23.5

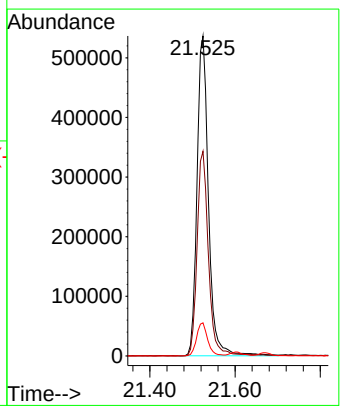


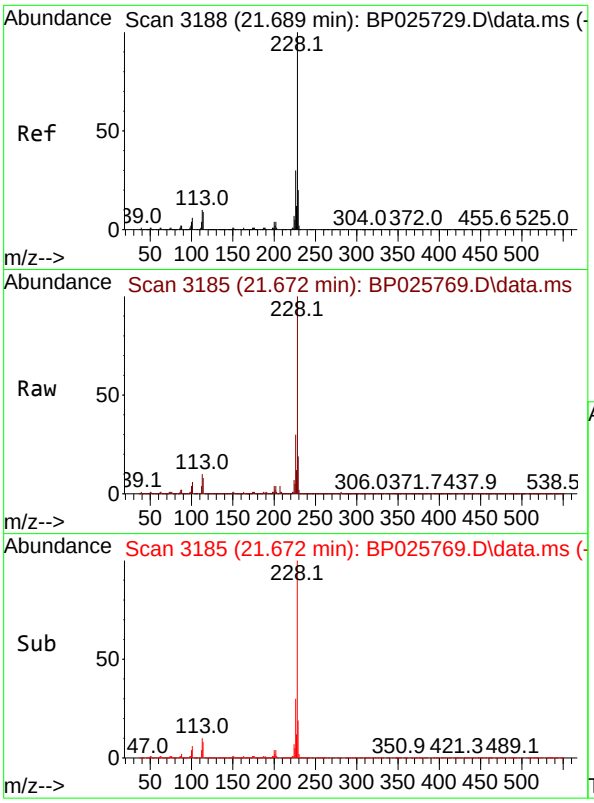


#82
3,3'-Dichlorobenzidine
Concen: 44.666 ng
RT: 21.525 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:252 Resp: 999261

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.4	77.0
126	10.4	8.3	12.5



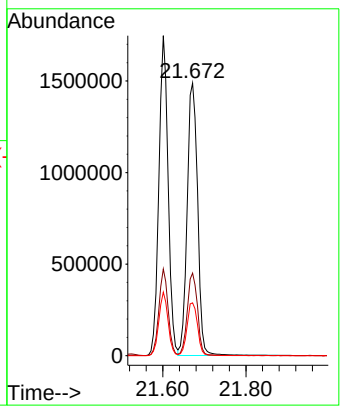


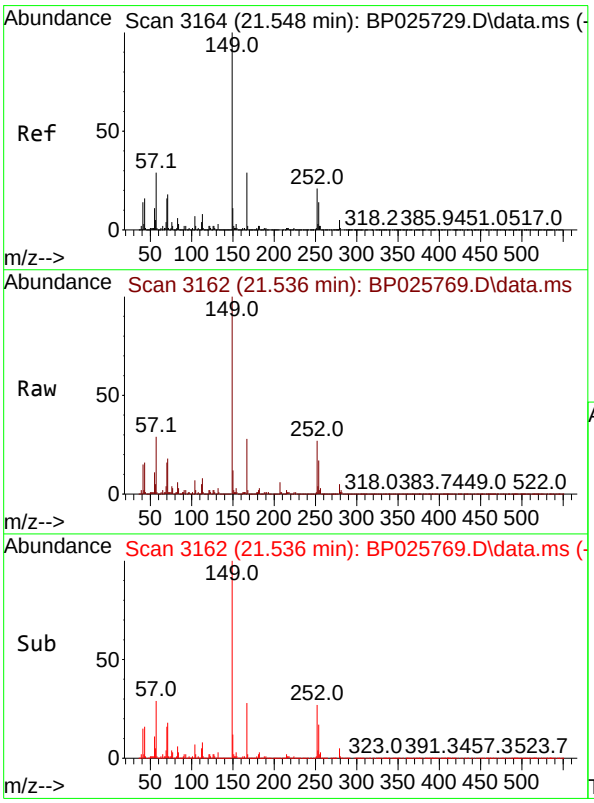
#83
Chrysene
Concen: 41.935 ng
RT: 21.672 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2586426

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.6
229	19.4	15.6	23.4

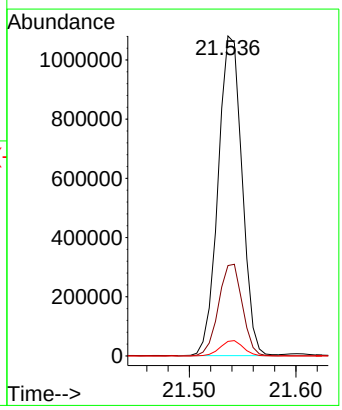


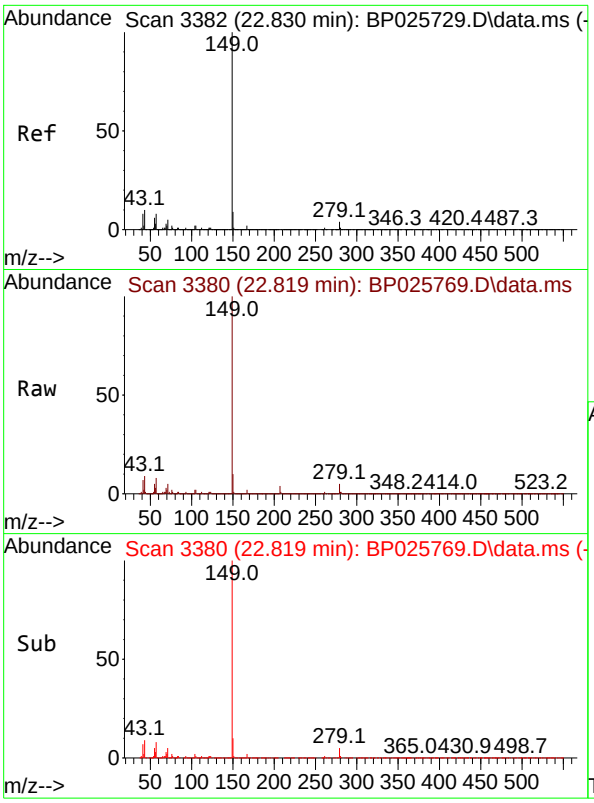


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.630 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:149 Resp: 1684056

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.9	34.3
279	4.5	3.8	5.8



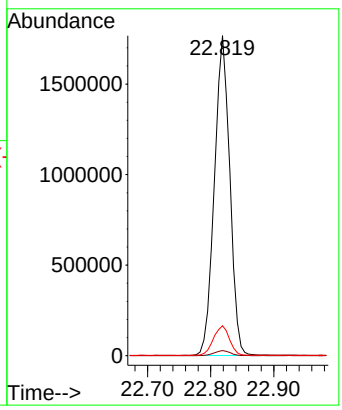


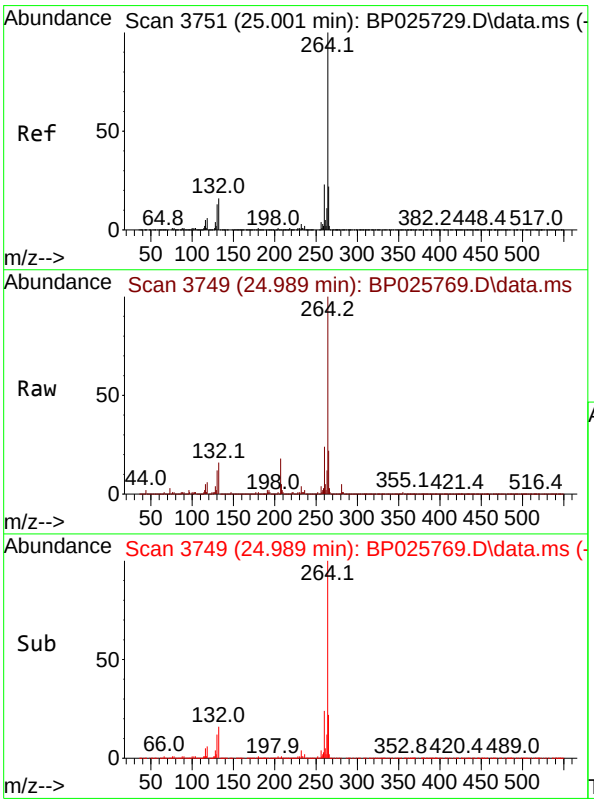
#85
Di-n-octyl phthalate
Concen: 41.635 ng
RT: 22.819 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 2995948

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	8.0	12.0

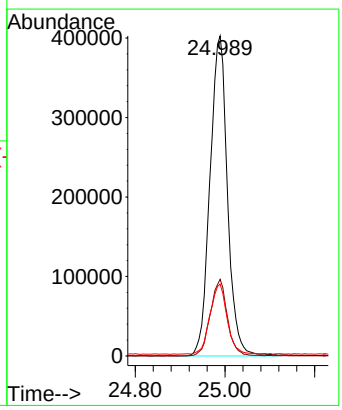


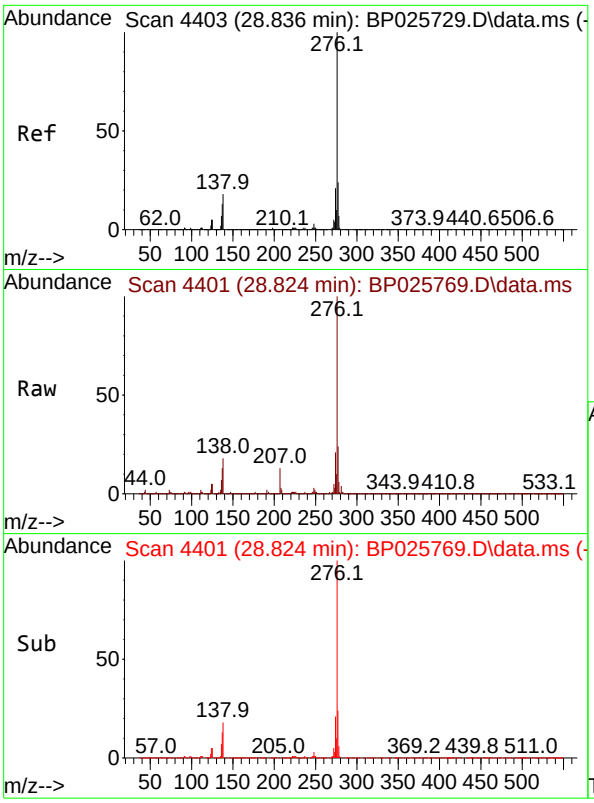


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3749
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:264 Resp: 1090693

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	22.5	17.3	25.9



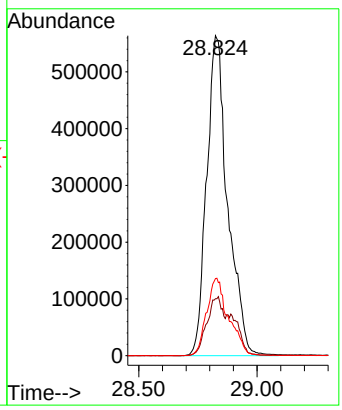


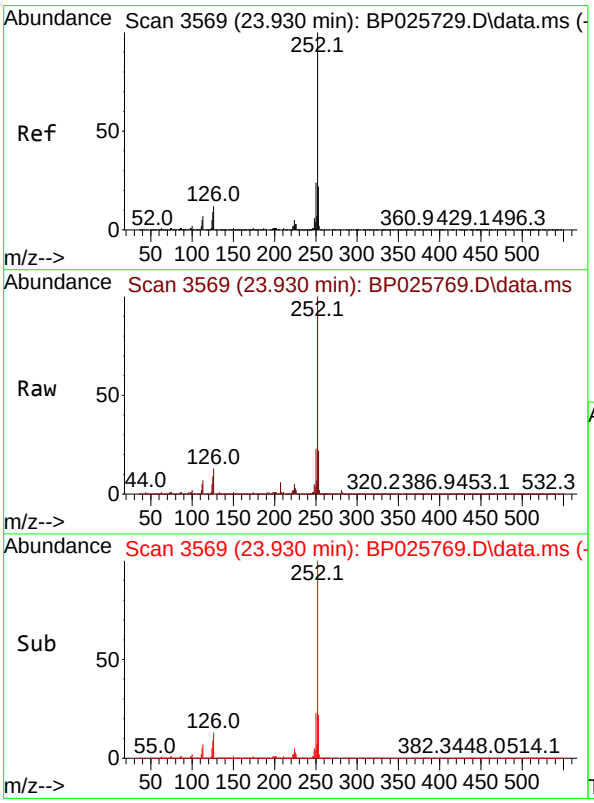
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.981 ng
RT: 28.824 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 3488433

Ion	Ratio	Lower	Upper
276	100		
138	14.2	13.4	20.2
277	25.3	9.1	13.7#

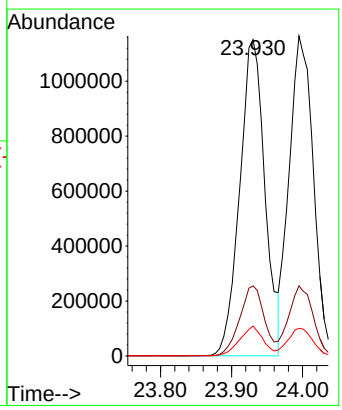


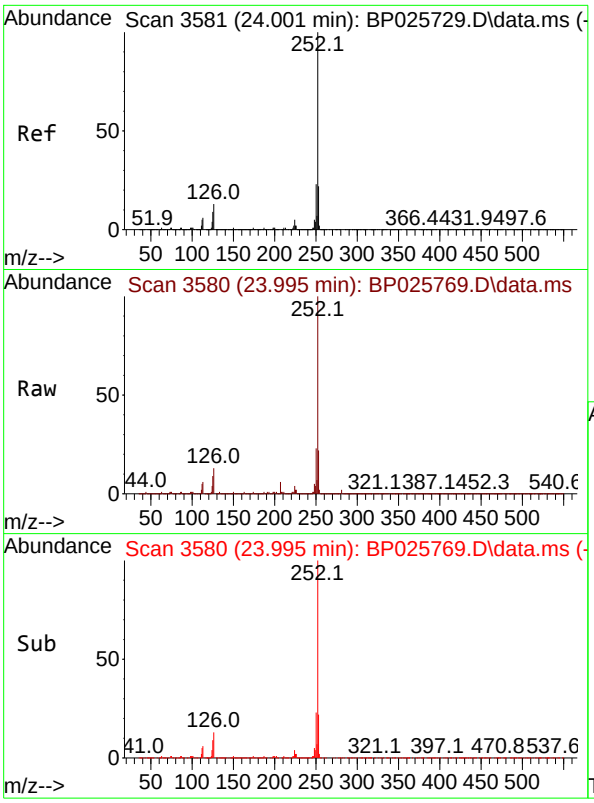


#88
Benzo(b)fluoranthene
Concen: 42.664 ng
RT: 23.930 min Scan# 3569
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:252 Resp: 2845602

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.5	7.3	10.9



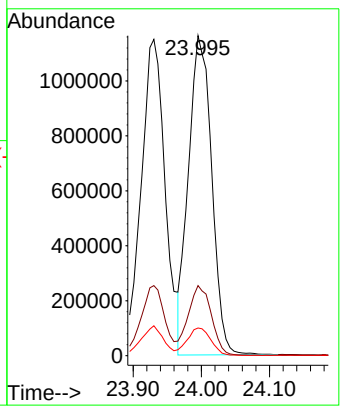


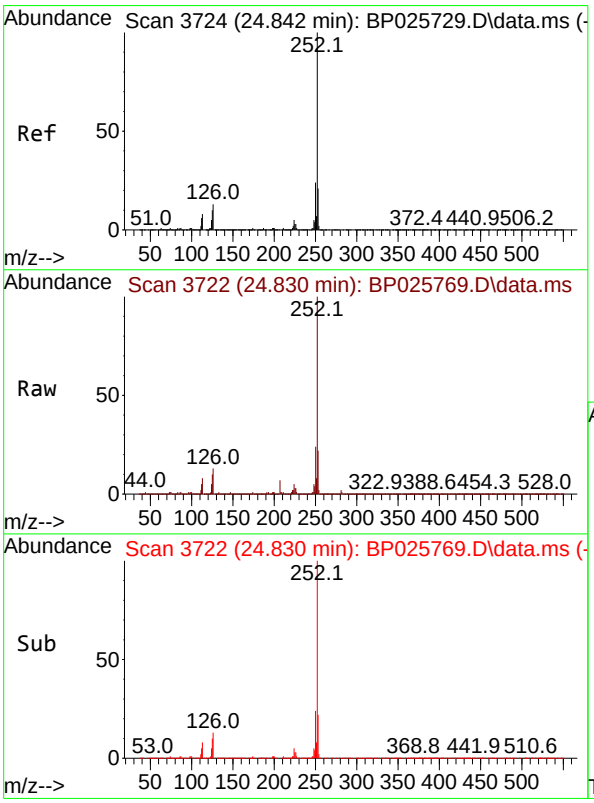
#89
Benzo(k)fluoranthene
Concen: 40.370 ng
RT: 23.995 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2747631

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.6	7.5	11.3

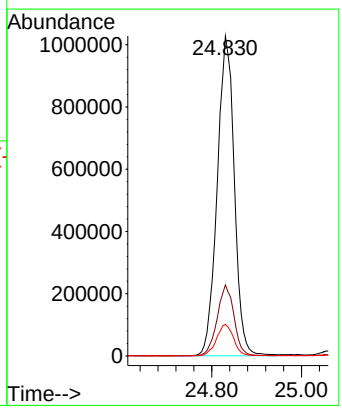


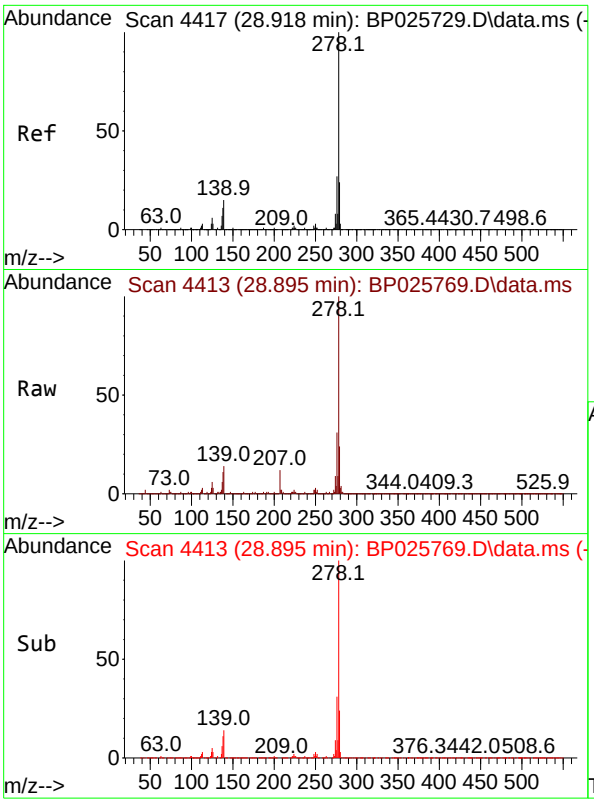


#90
Benzo(a)pyrene
Concen: 41.822 ng
RT: 24.830 min Scan# 3722
Delta R.T. -0.012 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:252 Resp: 2731706

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	9.8	8.3	12.5



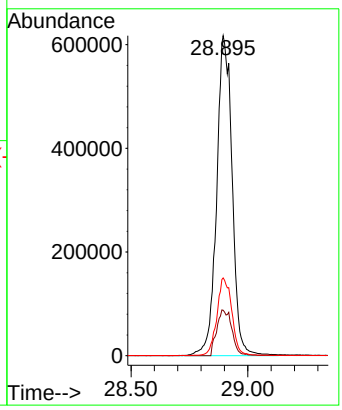


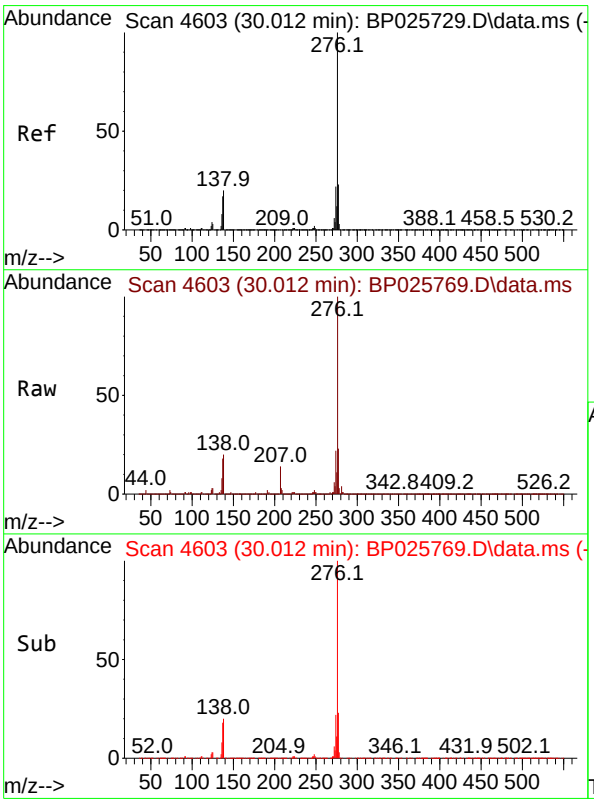
#91
Dibenzo(a,h)anthracene
Concen: 43.893 ng
RT: 28.895 min Scan# 4
Delta R.T. -0.023 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2849000

Ion	Ratio	Lower	Upper
278	100		
139	14.2	12.1	18.1
279	24.3	19.6	29.4

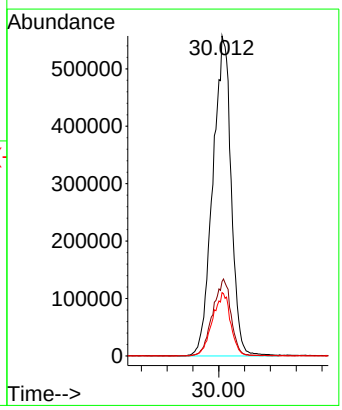




#92
Benzo(g,h,i)perylene
Concen: 43.095 ng
RT: 30.012 min Scan# 4603
Delta R.T. 0.000 min
Lab File: BP025769.D
Acq: 17 Sep 2025 12:03

Tgt Ion:276 Resp: 2750875

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.7	28.1
138	19.8	16.0	24.0



Sample Results: **BP025769.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025769.D
Acq On : 17 Sep 2025 12:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 17 13:07:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	120	0.00
2		1,4-Dioxane	0.520	0.547	-5.2	120	0.00
3		Pyridine	1.432	1.485	-3.7	114	0.00
4		n-Nitrosodimethylamine	0.676	0.677	-0.1	112	0.00
5	S	2-Fluorophenol	1.240	1.323	-6.7	116	0.00
6		Aniline	2.262	2.273	-0.5	108	0.00
7	S	Phenol-d6	1.648	1.712	-3.9	110	0.00
8		2-Chlorophenol	1.360	1.415	-4.0	112	0.00
9		Benzaldehyde	0.987	0.805	18.4	110	0.00
10	C	Phenol	1.737	1.782	-2.6	109	0.00
11		bis(2-Chloroethyl)ether	1.396	1.387	0.6	107	0.00
12		1,3-Dichlorobenzene	1.548	1.599	-3.3	114	0.00
13	C	1,4-Dichlorobenzene	1.576	1.623	-3.0	115	0.00
14		1,2-Dichlorobenzene	1.531	1.546	-1.0	112	0.00
15		Benzyl Alcohol	1.361	1.325	2.6	105	0.00
16		2,2'-oxybis(1-Chloropropane	2.282	2.159	5.4	104	0.00
17		2-Methylphenol	1.171	1.178	-0.6	107	0.00
18		Hexachloroethane	0.602	0.622	-3.3	115	0.00
19	P	n-Nitroso-di-n-propylamine	1.149	1.140	0.8	103	0.00
20		3+4-Methylphenols	1.640	1.611	1.8	106	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	108	0.00
22		Acetophenone	0.534	0.569	-6.6	104	0.00
23	S	Nitrobenzene-d5	0.453	0.476	-5.1	104	0.00
24		Nitrobenzene	0.407	0.429	-5.4	103	0.00
25		Isophorone	0.797	0.808	-1.4	101	0.00
26	C	2-Nitrophenol	0.181	0.203	-12.2	108	0.00
27		2,4-Dimethylphenol	0.317	0.339	-6.9	103	0.00
28		bis(2-Chloroethoxy)methane	0.461	0.479	-3.9	104	0.00
29	C	2,4-Dichlorophenol	0.316	0.342	-8.2	106	0.00
30		1,2,4-Trichlorobenzene	0.356	0.383	-7.6	109	0.00
31		Naphthalene	1.078	1.121	-4.0	106	0.00
32		Benzoic acid	0.236	0.239	-1.3	99	0.00
33		4-Chloroaniline	0.449	0.481	-7.1	102	0.00
34	C	Hexachlorobutadiene	0.229	0.248	-8.3	111	0.00
35		Caprolactam	0.122	0.120	1.6	98	0.00
36	C	4-Chloro-3-methylphenol	0.377	0.383	-1.6	100	0.00
37		2-Methylnaphthalene	0.693	0.712	-2.7	103	0.00
38		1-Methylnaphthalene	0.739	0.741	-0.3	100	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	0.606	0.677	-11.7	105	0.00
41	P	Hexachlorocyclopentadiene	0.330	0.341	-3.3	92	0.00
42	S	2,4,6-Tribromophenol	0.249	0.276	-10.8	102	-0.02
43	C	2,4,6-Trichlorophenol	0.398	0.449	-12.8	103	0.00
44		2,4,5-Trichlorophenol	0.443	0.480	-8.4	98	0.00
45	S	2-Fluorobiphenyl	1.502	1.618	-7.7	104	0.00
46		1,1'-Biphenyl	1.468	1.574	-7.2	102	0.00
47		2-Chloronaphthalene	1.156	1.235	-6.8	102	-0.01

Sample Results: **BP025769.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025769.D
Acq On : 17 Sep 2025 12:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 17 13:07:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	0.385	0.413	-7.3	97	0.00
49		Acenaphthylene	1.915	2.027	-5.8	101	-0.01
50		Dimethylphthalate	1.527	1.567	-2.6	97	-0.01
51		2,6-Dinitrotoluene	0.324	0.343	-5.9	98	-0.01
52	C	Acenaphthene	1.104	1.149	-4.1	99	-0.02
53		3-Nitroaniline	0.340	0.368	-8.2	96	-0.01
54	P	2,4-Dinitrophenol	0.183	0.200	-9.3	98	0.00
55		Dibenzofuran	1.800	1.852	-2.9	99	-0.01
56	P	4-Nitrophenol	0.258	0.268	-3.9	90	0.00
57		2,4-Dinitrotoluene	0.460	0.502	-9.1	99	0.00
58		Fluorene	1.431	1.476	-3.1	98	-0.02
59		2,3,4,6-Tetrachlorophenol	0.399	0.435	-9.0	100	-0.01
60		Diethylphthalate	1.549	1.581	-2.1	99	-0.02
61		4-Chlorophenyl-phenylether	0.721	0.742	-2.9	99	-0.01
62		4-Nitroaniline	0.349	0.388	-11.2	99	-0.02
63		Azobenzene	1.498	1.525	-1.8	95	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	100	-0.01
65		4,6-Dinitro-2-methylphenol	0.133	0.147	-10.5	98	-0.01
66	c	n-Nitrosodiphenylamine	0.612	0.647	-5.7	98	0.00
67		4-Bromophenyl-phenylether	0.220	0.239	-8.6	100	-0.01
68		Hexachlorobenzene	0.245	0.263	-7.3	101	0.00
69		Atrazine	0.234	0.248	-6.0	96	-0.02
70	C	Pentachlorophenol	0.162	0.169	-4.3	95	-0.01
71		Phenanthrene	1.135	1.161	-2.3	96	-0.01
72		Anthracene	1.151	1.199	-4.2	97	-0.01
73		Carbazole	1.070	1.109	-3.6	95	-0.01
74		Di-n-butylphthalate	1.313	1.370	-4.3	95	0.00
75	C	Fluoranthene	1.361	1.439	-5.7	100	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	102	-0.02
77		Benzidine	0.576	0.655	-13.7	102	0.00
78		Pyrene	1.335	1.370	-2.6	98	-0.01
79	S	Terphenyl-d14	1.112	1.118	-0.5	97	-0.01
80		Butylbenzylphthalate	0.585	0.610	-4.3	96	-0.01
81		Benzo(a)anthracene	1.369	1.426	-4.2	100	-0.02
82		3,3'-Dichlorobenzidine	0.473	0.529	-11.8	104	-0.01
83		Chrysene	1.305	1.368	-4.8	101	-0.02
84		Bis(2-ethylhexyl)phthalate	0.856	0.891	-4.1	96	-0.01
85	c	Di-n-octyl phthalate	1.523	1.585	-4.1	97	-0.01
86	I	Perylene-d12	1.000	1.000	0.0	109	-0.01
87		Indeno(1,2,3-cd)pyrene	1.454	1.599	-10.0	109	-0.01
88		Benzo(b)fluoranthene	1.223	1.304	-6.6	106	0.00
89		Benzo(k)fluoranthene	1.248	1.260	-1.0	102	0.00
90	C	Benzo(a)pyrene	1.198	1.252	-4.5	104	-0.01
91		Dibenzo(a,h)anthracene	1.190	1.306	-9.7	110	-0.02
92		Benzo(g,h,i)perylene	1.170	1.261	-7.8	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025769.D
Acq On : 17 Sep 2025 12:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 17 13:07:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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: **BP025769.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025769.D
Acq On : 17 Sep 2025 12:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 17 13:07:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	120	0.00
2		1,4-Dioxane	40.000	42.073	-5.2	120	0.00
3		Pyridine	40.000	41.469	-3.7	114	0.00
4		n-Nitrosodimethylamine	40.000	40.066	-0.2	112	0.00
5	S	2-Fluorophenol	80.000	85.378	-6.7	116	0.00
6		Aniline	40.000	40.206	-0.5	108	0.00
7	S	Phenol-d6	80.000	83.139	-3.9	110	0.00
8		2-Chlorophenol	40.000	41.610	-4.0	112	0.00
9		Benzaldehyde	40.000	32.590	18.5	110	0.00
10	C	Phenol	40.000	41.029	-2.6	109	0.00
11		bis(2-Chloroethyl)ether	40.000	39.762	0.6	107	0.00
12		1,3-Dichlorobenzene	40.000	41.322	-3.3	114	0.00
13	C	1,4-Dichlorobenzene	40.000	41.185	-3.0	115	0.00
14		1,2-Dichlorobenzene	40.000	40.371	-0.9	112	0.00
15		Benzyl Alcohol	40.000	38.929	2.7	105	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.836	5.4	104	0.00
17		2-Methylphenol	40.000	40.231	-0.6	107	0.00
18		Hexachloroethane	40.000	41.342	-3.4	115	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.700	0.7	103	0.00
20		3+4-Methylphenols	40.000	39.294	1.8	106	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	108	0.00
22		Acetophenone	40.000	42.601	-6.5	104	0.00
23	S	Nitrobenzene-d5	80.000	84.040	-5.1	104	0.00
24		Nitrobenzene	40.000	42.234	-5.6	103	0.00
25		Isophorone	40.000	40.532	-1.3	101	0.00
26	C	2-Nitrophenol	40.000	45.064	-12.7	108	0.00
27		2,4-Dimethylphenol	40.000	42.780	-7.0	103	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.597	-4.0	104	0.00
29	C	2,4-Dichlorophenol	40.000	43.309	-8.3	106	0.00
30		1,2,4-Trichlorobenzene	40.000	43.021	-7.6	109	0.00
31		Naphthalene	40.000	41.572	-3.9	106	0.00
32		Benzoic acid	40.000	40.652	-1.6	99	0.00
33		4-Chloroaniline	40.000	42.829	-7.1	102	0.00
34	C	Hexachlorobutadiene	40.000	43.289	-8.2	111	0.00
35		Caprolactam	40.000	39.295	1.8	98	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.632	-1.6	100	0.00
37		2-Methylnaphthalene	40.000	41.141	-2.9	103	0.00
38		1-Methylnaphthalene	40.000	40.138	-0.3	100	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	44.655	-11.6	105	0.00
41	P	Hexachlorocyclopentadiene	40.000	41.273	-3.2	92	0.00
42	S	2,4,6-Tribromophenol	80.000	88.408	-10.5	102	-0.02
43	C	2,4,6-Trichlorophenol	40.000	45.031	-12.6	103	0.00
44		2,4,5-Trichlorophenol	40.000	43.271	-8.2	98	0.00
45	S	2-Fluorobiphenyl	80.000	86.179	-7.7	104	0.00
46		1,1'-Biphenyl	40.000	42.887	-7.2	102	0.00
47		2-Chloronaphthalene	40.000	42.742	-6.9	102	-0.01

Sample Results: **BP025769.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025769.D
Acq On : 17 Sep 2025 12:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 17 13:07:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	42.901	-7.3	97	0.00
49		Acenaphthylene	40.000	42.335	-5.8	101	-0.01
50		Dimethylphthalate	40.000	41.057	-2.6	97	-0.01
51		2,6-Dinitrotoluene	40.000	42.451	-6.1	98	-0.01
52	C	Acenaphthene	40.000	41.602	-4.0	99	-0.02
53		3-Nitroaniline	40.000	43.284	-8.2	96	-0.01
54	P	2,4-Dinitrophenol	40.000	40.517	-1.3	98	0.00
55		Dibenzofuran	40.000	41.159	-2.9	99	-0.01
56	P	4-Nitrophenol	40.000	39.056	2.4	90	0.00
57		2,4-Dinitrotoluene	40.000	43.639	-9.1	99	0.00
58		Fluorene	40.000	41.244	-3.1	98	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	43.535	-8.8	100	-0.01
60		Diethylphthalate	40.000	40.822	-2.1	99	-0.02
61		4-Chlorophenyl-phenylether	40.000	41.121	-2.8	99	-0.01
62		4-Nitroaniline	40.000	44.579	-11.4	99	-0.02
63		Azobenzene	40.000	40.740	-1.9	95	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	100	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	44.347	-10.9	98	-0.01
66	c	n-Nitrosodiphenylamine	40.000	42.264	-5.7	98	0.00
67		4-Bromophenyl-phenylether	40.000	43.445	-8.6	100	-0.01
68		Hexachlorobenzene	40.000	42.957	-7.4	101	0.00
69		Atrazine	40.000	42.372	-5.9	96	-0.02
70	C	Pentachlorophenol	40.000	41.900	-4.7	95	-0.01
71		Phenanthrene	40.000	40.922	-2.3	96	-0.01
72		Anthracene	40.000	41.670	-4.2	97	-0.01
73		Carbazole	40.000	41.466	-3.7	95	-0.01
74		Di-n-butylphthalate	40.000	41.724	-4.3	95	0.00
75	C	Fluoranthene	40.000	42.300	-5.7	100	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	102	-0.02
77		Benzidine	40.000	45.451	-13.6	102	0.00
78		Pyrene	40.000	41.056	-2.6	98	-0.01
79	S	Terphenyl-d14	80.000	80.483	-0.6	97	-0.01
80		Butylbenzylphthalate	40.000	41.706	-4.3	96	-0.01
81		Benzo(a)anthracene	40.000	41.652	-4.1	100	-0.02
82		3,3'-Dichlorobenzidine	40.000	44.666	-11.7	104	-0.01
83		Chrysene	40.000	41.935	-4.8	101	-0.02
84		Bis(2-ethylhexyl)phthalate	40.000	41.630	-4.1	96	-0.01
85	c	Di-n-octyl phthalate	40.000	41.635	-4.1	97	-0.01
86	I	Perylene-d12	20.000	20.000	0.0	109	-0.01
87		Indeno(1,2,3-cd)pyrene	40.000	43.981	-10.0	109	-0.01
88		Benzo(b)fluoranthene	40.000	42.664	-6.7	106	0.00
89		Benzo(k)fluoranthene	40.000	40.370	-0.9	102	0.00
90	C	Benzo(a)pyrene	40.000	41.822	-4.6	104	-0.01
91		Dibenzo(a,h)anthracene	40.000	43.893	-9.7	110	-0.02
92		Benzo(g,h,i)perylene	40.000	43.095	-7.7	108	0.00

Sample Results: **BP025769.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025769.D
Acq On : 17 Sep 2025 12:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 17 13:07:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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: **BP025792.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3083

Instrument ID: BNA_P Calibration Date/Time: 09/19/2025 10:12

Lab File ID: BP025792.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.228		-1.0	
Benzaldehyde	0.987	1.065		7.9	
Phenol-d6	1.648	1.562		-5.2	
bis(2-Chloroethyl)ether	1.396	1.332		-4.6	
2,2-oxybis(1-Chloropropane)	2.283	2.240		-1.9	
Acetophenone	0.534	0.523		-2.1	
n-Nitroso-di-n-propylamine	1.149	1.058	0.050	-7.9	
Nitrobenzene-d5	0.453	0.446		-1.5	
Hexachloroethane	0.602	0.587		-2.5	
Nitrobenzene	0.407	0.402		-1.2	
Isophorone	0.797	0.758		-4.9	
bis(2-Chloroethoxy)methane	0.461	0.460		-0.2	
Naphthalene	1.078	1.036		-3.9	
4-Chloroaniline	0.449	0.439		-2.2	
Hexachlorobutadiene	0.229	0.218		-4.8	20.0
Caprolactam	0.122	0.108		-11.5	
2-Methylnaphthalene	0.693	0.653		-5.8	
Hexachlorocyclopentadiene	0.330	0.324	0.050	-1.8	
2-Fluorobiphenyl	1.502	1.472		-2.0	
1,1-Biphenyl	1.468	1.478		0.7	
2-Chloronaphthalene	1.156	1.140		-1.4	
2-Nitroaniline	0.385	0.388		0.8	
Dimethylphthalate	1.527	1.459		-4.5	
Acenaphthylene	1.915	1.848		-3.5	
2,6-Dinitrotoluene	0.324	0.327		0.9	
3-Nitroaniline	0.340	0.339		-0.3	
Acenaphthene	1.104	1.057		-4.3	20.0
Dibenzofuran	1.800	1.711		-4.9	
2,4-Dinitrotoluene	0.460	0.457		-0.7	
Diethylphthalate	1.549	1.476		-4.7	
4-Chlorophenyl-phenylether	0.721	0.669		-7.2	
Fluorene	1.431	1.343		-6.2	
4-Nitroaniline	0.349	0.351		0.6	
n-Nitrosodiphenylamine	0.612	0.616		0.7	20.0
2,4,6-Tribromophenol	0.249	0.234		-6.0	
4-Bromophenyl-phenylether	0.220	0.220		0.0	
Hexachlorobenzene	0.245	0.236		-3.7	
Atrazine	0.234	0.230		-1.7	
Phenanthrene	1.135	1.108		-2.4	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	GENV01		
Lab Code:	ACE	SDG No.:	Q3083		
Instrument ID:	BNA_P	Calibration Date/Time:	09/19/2025	10:12	
Lab File ID:	BP025792.D	Init. Calib. Date(s):	09/11/2025	09/11/2025	
EPA Sample No.:	SSTDCCC040	Init. Calib. Time(s):	08:56	15:20	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.151	1.139		-1.0	
Carbazole	1.070	1.053		-1.6	
Di-n-butylphthalate	1.313	1.304		-0.7	
Fluoranthene	1.361	1.339		-1.6	20.0
Pyrene	1.335	1.325		-0.7	
Terphenyl-d14	1.112	1.080		-2.9	
Butylbenzylphthalate	0.585	0.598		2.2	
3,3-Dichlorobenzidine	0.473	0.476		0.6	
Benzo(a)anthracene	1.369	1.318		-3.7	
Chrysene	1.305	1.279		-2.0	
Bis(2-ethylhexyl)phthalate	0.856	0.864		0.9	
Di-n-octyl phthalate	1.523	1.524		0.1	20.0
Benzo(b)fluoranthene	1.223	1.214		-0.7	
Benzo(k)fluoranthene	1.248	1.232		-1.3	
Benzo(a)pyrene	1.198	1.179		-1.6	20.0
Indeno(1,2,3-cd)pyrene	1.454	1.449		-0.3	
Dibenzo(a,h)anthracene	1.190	1.182		-0.7	
Benzo(g,h,i)perylene	1.171	1.167		-0.3	
1,2,4,5-Tetrachlorobenzene	0.606	0.607		0.2	
1,4-Dioxane	0.520	0.520		0.0	20.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	182285	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	709982	20.000	ng	-0.01
39) Acenaphthene-d10	14.366	164	456027	20.000	ng	-0.01
64) Phenanthrene-d10	17.172	188	907902	20.000	ng	-0.01
76) Chrysene-d12	21.619	240	942075	20.000	ng	-0.02
86) Perylene-d12	24.971	264	1041355	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	895085	79.231	ng	-0.01
7) Phenol-d6	6.937	99	1138627	75.828	ng	-0.01
23) Nitrobenzene-d5	8.890	82	1266219	78.670	ng	-0.01
42) 2,4,6-Tribromophenol	15.884	330	426036	74.900	ng	-0.02
45) 2-Fluorobiphenyl	12.978	172	2685022	78.397	ng	-0.01
79) Terphenyl-d14	19.895	244	4070528	77.731	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	189430	39.952	ng	99
3) Pyridine	3.702	79	505325	38.705	ng	99
4) n-Nitrosodimethylamine	3.614	42	238318	38.684	ng	97
6) Aniline	7.084	93	767229	37.221	ng	99
8) 2-Chlorophenol	7.325	128	477523	38.530	ng	100
9) Benzaldehyde	6.902	77	388347	43.148	ng	99
10) Phenol	6.960	94	601914	38.015	ng	99
11) bis(2-Chloroethyl)ether	7.178	93	485488	38.164	ng	98
12) 1,3-Dichlorobenzene	7.637	146	538870	38.204	ng	99
13) 1,4-Dichlorobenzene	7.784	146	547804	38.127	ng	99
14) 1,2-Dichlorobenzene	8.096	146	527776	37.811	ng	99
15) Benzyl Alcohol	7.990	79	447530	36.068	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	816681	39.257	ng	100
17) 2-Methylphenol	8.190	107	402565	37.711	ng	99
18) Hexachloroethane	8.813	117	214072	39.006	ng	96
19) n-Nitroso-di-n-propyla...	8.543	70	385866	36.843	ng	98
20) 3+4-Methylphenols	8.519	107	534905	35.779	ng	98
22) Acetophenone	8.560	105	742554	39.137	ng	98
24) Nitrobenzene	8.931	77	571100	39.552	ng	99
25) Isophorone	9.460	82	1075754	38.025	ng	100
26) 2-Nitrophenol	9.637	139	259273	40.443	ng	94
27) 2,4-Dimethylphenol	9.701	122	443153	39.403	ng	99
28) bis(2-Chloroethoxy)met...	9.925	93	653195	39.943	ng	99
29) 2,4-Dichlorophenol	10.178	162	441144	39.341	ng	99
30) 1,2,4-Trichlorobenzene	10.378	180	495786	39.231	ng	100
31) Naphthalene	10.560	128	1471643	38.441	ng	100
32) Benzoic acid	9.866	122	300739	35.967	ng	98
33) 4-Chloroaniline	10.678	127	623460	39.073	ng	98
34) Hexachlorobutadiene	10.843	225	310106	38.118	ng	99
35) Caprolactam	11.466	113	153394	35.486	ng	98
36) 4-Chloro-3-methylphenol	11.807	107	504088	37.706	ng	95
37) 2-Methylnaphthalene	12.172	142	927698	37.729	ng	99
38) 1-Methylnaphthalene	12.395	142	985022	37.567	ng	99
40) 1,2,4,5-Tetrachloroben...	12.543	216	553393	40.046	ng	99
41) Hexachlorocyclopentadiene	12.525	237	295205	39.223	ng	99
43) 2,4,6-Trichlorophenol	12.790	196	368519	40.566	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

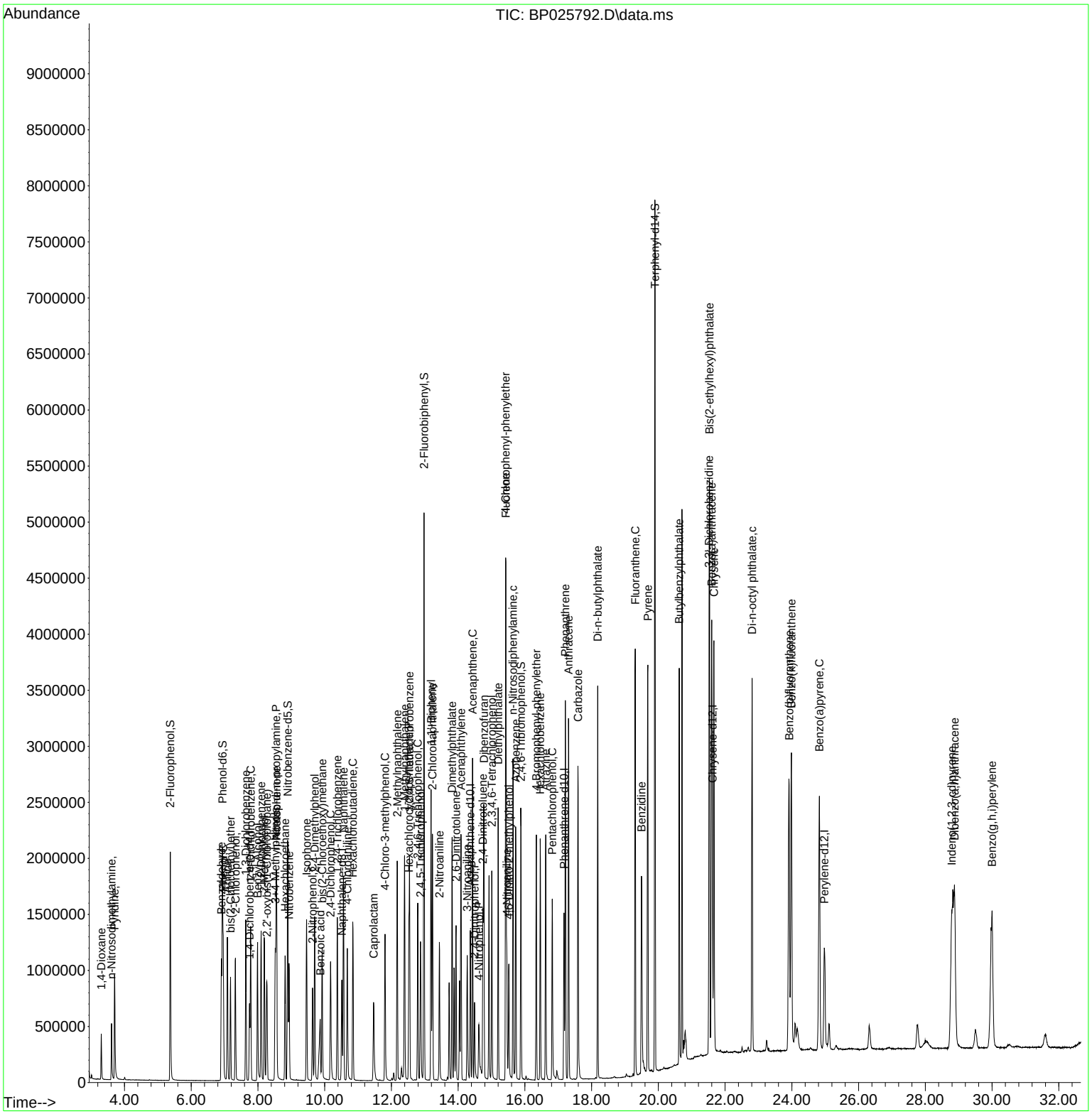
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.872	196	405133	40.071	ng		98
46) 1,1'-Biphenyl	13.190	154	1347926	40.269	ng		99
47) 2-Chloronaphthalene	13.231	162	1039390	39.436	ng		100
48) 2-Nitroaniline	13.437	65	353587	40.246	ng		99
49) Acenaphthylene	14.084	152	1685485	38.596	ng		100
50) Dimethylphthalate	13.819	163	1330258	38.208	ng		100
51) 2,6-Dinitrotoluene	13.937	165	298163	40.422	ng		98
52) Acenaphthene	14.431	154	964200	38.287	ng		99
53) 3-Nitroaniline	14.272	138	309286	39.873	ng		98
54) 2,4-Dinitrophenol	14.489	184	162528	36.669	ng		97
55) Dibenzofuran	14.772	168	1560894	38.029	ng		99
56) 4-Nitrophenol	14.619	139	222178	35.879	ng		96
57) 2,4-Dinitrotoluene	14.742	165	417167	39.739	ng		97
58) Fluorene	15.431	166	1225236	37.540	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.007	232	352862	38.744	ng		100
60) Diethylphthalate	15.201	149	1346248	38.120	ng		100
61) 4-Chlorophenyl-phenyle...	15.425	204	610122	37.092	ng		99
62) 4-Nitroaniline	15.460	138	320370	40.315	ng		96
63) Azobenzene	15.725	77	1329803	38.943	ng		99
65) 4,6-Dinitro-2-methylph...	15.519	198	242720	40.200	ng		94
66) n-Nitrosodiphenylamine	15.642	169	1119243	40.284	ng		99
67) 4-Bromophenyl-phenylether	16.342	248	399920	40.096	ng		99
68) Hexachlorobenzene	16.460	284	428979	38.568	ng		100
69) Atrazine	16.625	200	417777	39.337	ng		99
70) Pentachlorophenol	16.819	266	289989	39.503	ng		99
71) Phenanthrene	17.213	178	2011975	39.066	ng		99
72) Anthracene	17.307	178	2068305	39.581	ng		99
73) Carbazole	17.589	167	1911519	39.347	ng		99
74) Di-n-butylphthalate	18.183	149	2367988	39.719	ng		99
75) Fluoranthene	19.307	202	2431574	39.367	ng		100
77) Benzidine	19.495	184	1501103	55.316	ng		100
78) Pyrene	19.683	202	2496299	39.712	ng		99
80) Butylbenzylphthalate	20.624	149	1126336	40.866	ng		96
81) Benzo(a)anthracene	21.595	228	2483673	38.509	ng		100
82) 3,3'-Dichlorobenzidine	21.519	252	897608	40.250	ng		100
83) Chrysene	21.666	228	2409723	39.195	ng		99
84) Bis(2-ethylhexyl)phtha...	21.530	149	1628520	40.386	ng		98
85) Di-n-octyl phthalate	22.807	149	2871445	40.032	ng		99
87) Indeno(1,2,3-cd)pyrene	28.789	276	3017238	39.842	ng	#	75
88) Benzo(b)fluoranthene	23.918	252	2528190	39.701	ng		100
89) Benzo(k)fluoranthene	23.989	252	2565509	39.480	ng		100
90) Benzo(a)pyrene	24.824	252	2454556	39.359	ng		99
91) Dibenzo(a,h)anthracene	28.871	278	2462140	39.730	ng		98
92) Benzo(g,h,i)perylene	30.000	276	2431400	39.895	ng		97

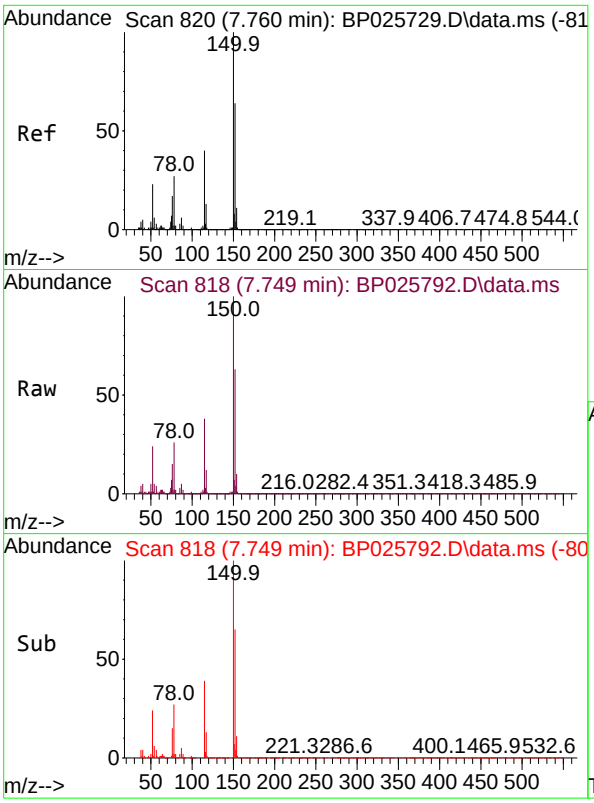
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



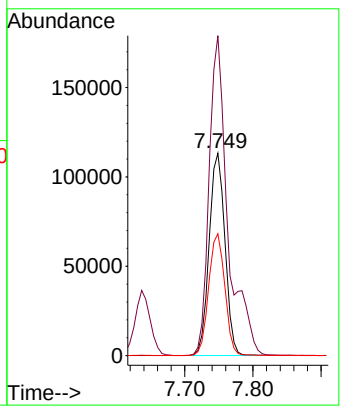


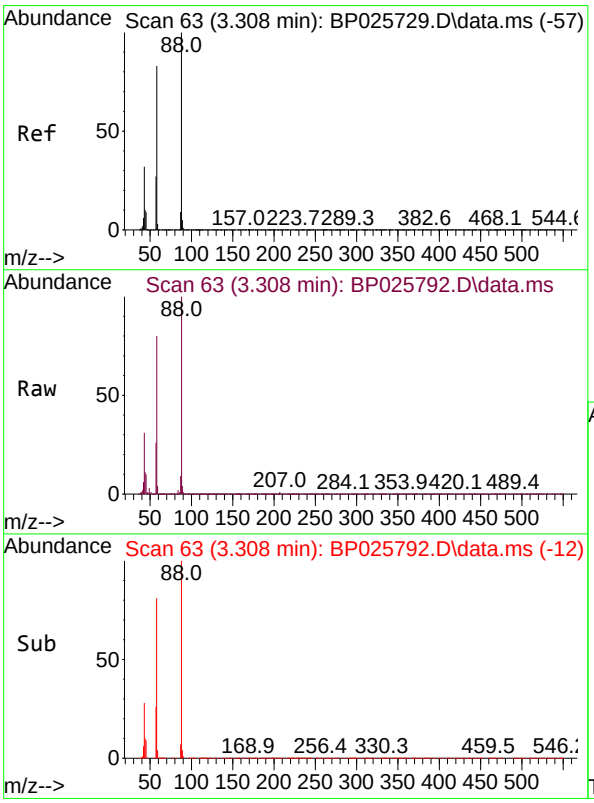
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 182285

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.3	186.5
115	60.2	50.3	75.5

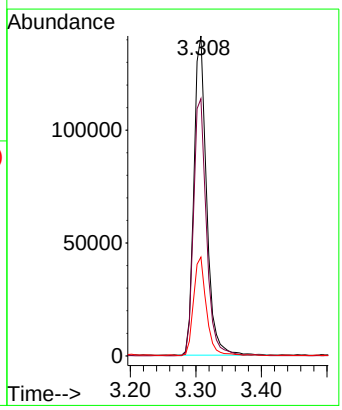


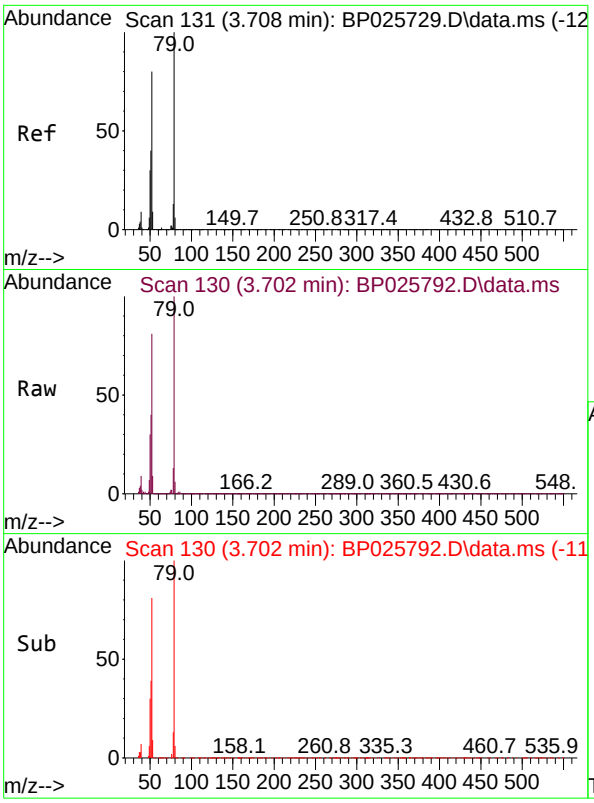


#2
1,4-Dioxane
Concen: 39.952 ng
RT: 3.308 min Scan# 63
Delta R.T. -0.000 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion: 88 Resp: 189430

Ion	Ratio	Lower	Upper
88	100		
58	82.8	65.5	98.3
43	31.2	25.2	37.8



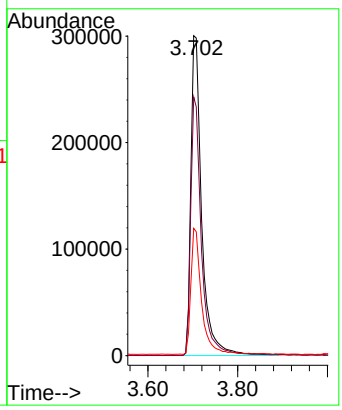


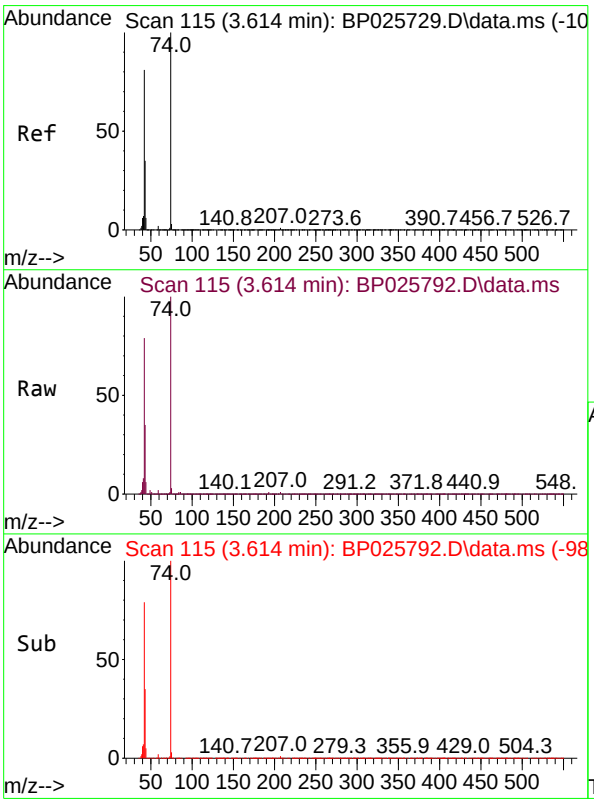
#3
Pyridine
Concen: 38.705 ng
RT: 3.702 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 505325

Ion	Ratio	Lower	Upper
79	100		
52	80.8	63.7	95.5
51	39.8	32.4	48.6

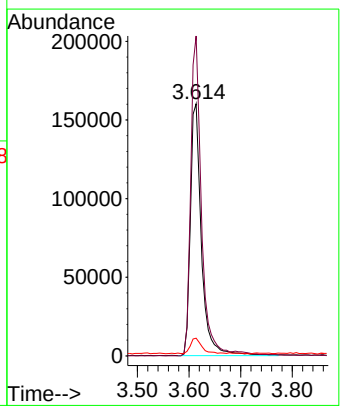


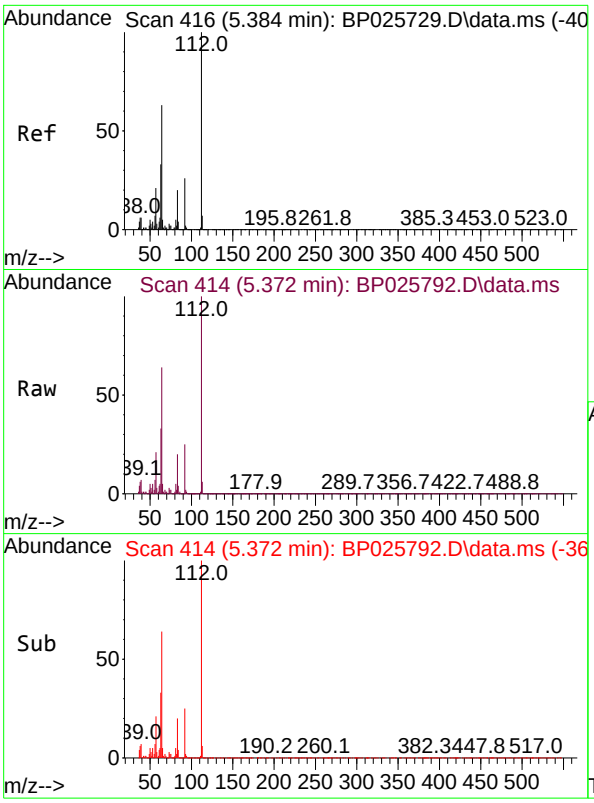


#4
n-Nitrosodimethylamine
Concen: 38.684 ng
RT: 3.614 min Scan# 115
Delta R.T. -0.000 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion: 42 Resp: 238318

Ion	Ratio	Lower	Upper
42	100		
74	126.9	99.2	148.8
44	7.0	6.4	9.6



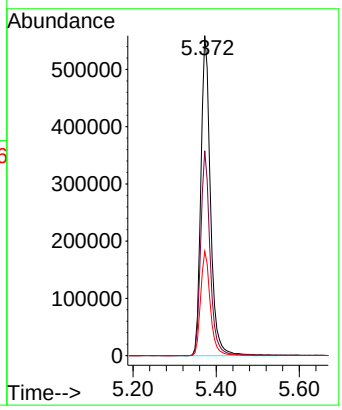


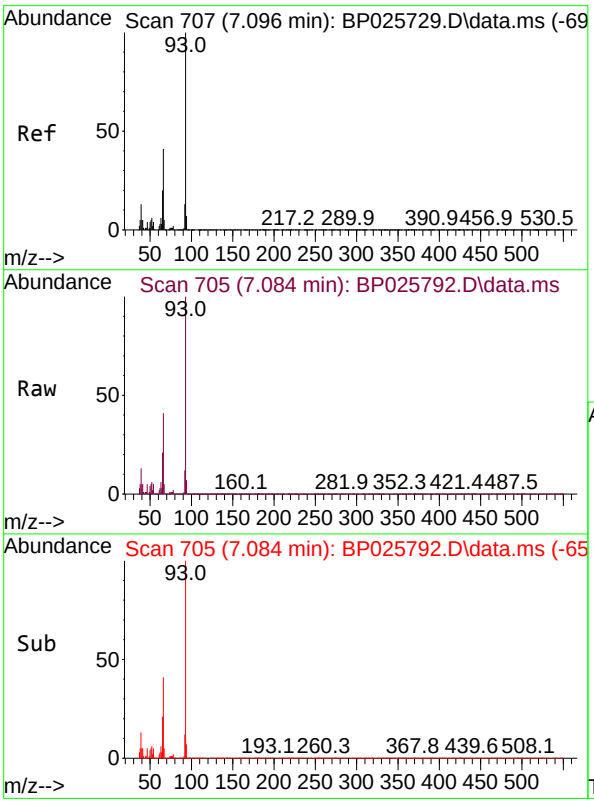
#5
2-Fluorophenol
Concen: 79.231 ng
RT: 5.372 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 895085

Ion	Ratio	Lower	Upper
112	100		
64	64.0	50.2	75.4
63	32.6	26.7	40.1

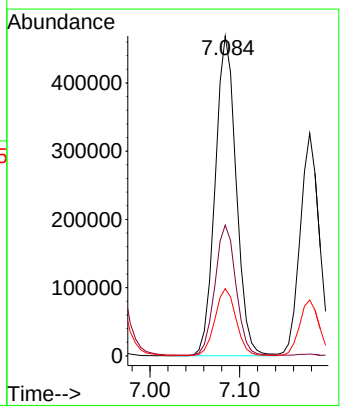


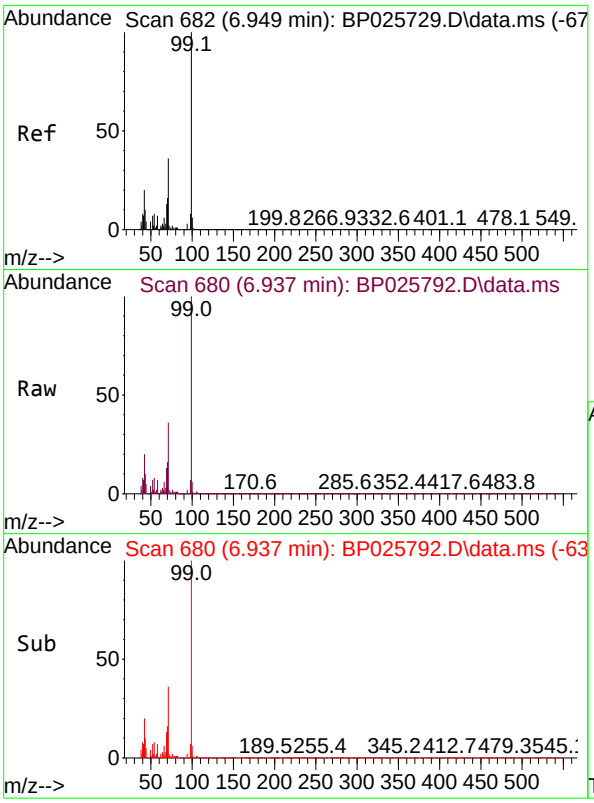


#6
Aniline
Concen: 37.221 ng
RT: 7.084 min Scan# 705
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion: 93 Resp: 767229

Ion	Ratio	Lower	Upper
93	100		
66	40.9	32.6	49.0
65	21.0	16.2	24.2



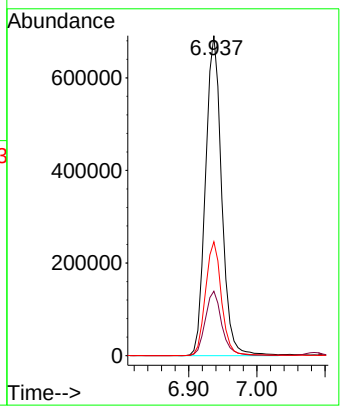


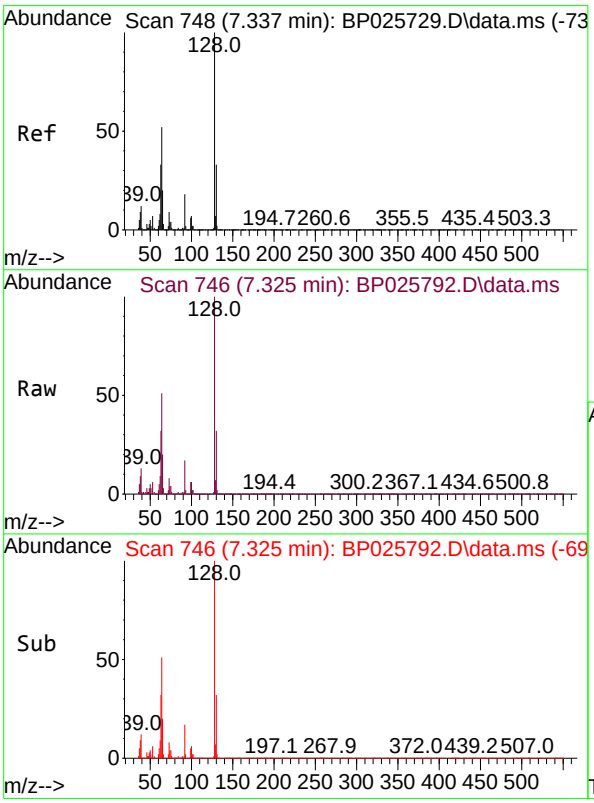
#7
Phenol-d6
Concen: 75.828 ng
RT: 6.937 min Scan# 68
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1138627

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	35.6	28.6	43.0

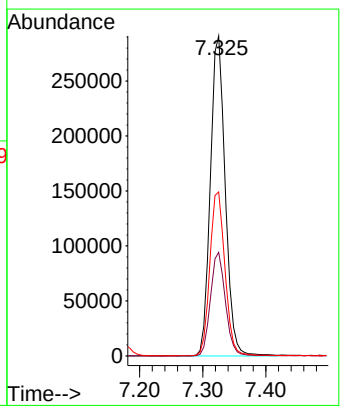


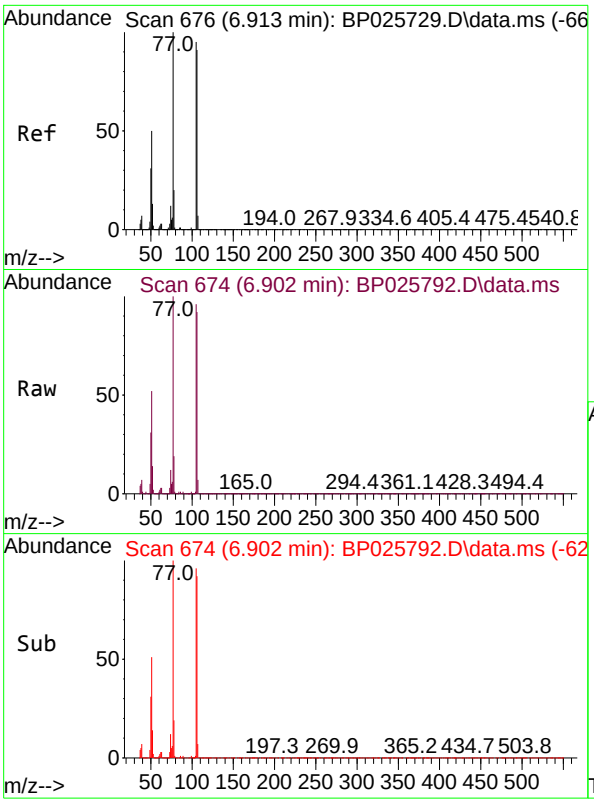


#8
2-Chlorophenol
Concen: 38.530 ng
RT: 7.325 min Scan# 746
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:128 Resp: 477523

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	51.3	31.6	71.6



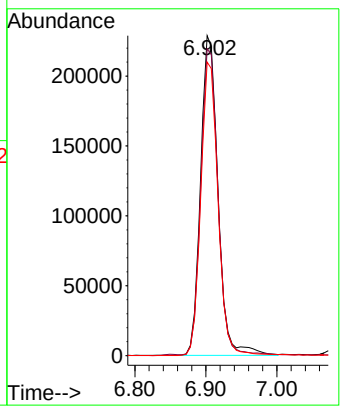


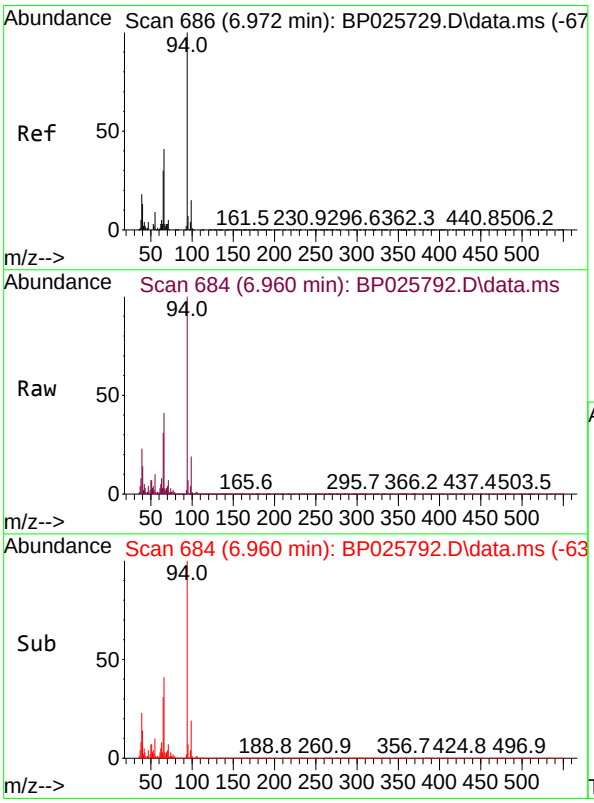
#9
Benzaldehyde
Concen: 43.148 ng
RT: 6.902 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 388347

Ion	Ratio	Lower	Upper
77	100		
105	95.9	75.2	115.2
106	91.7	71.3	111.3

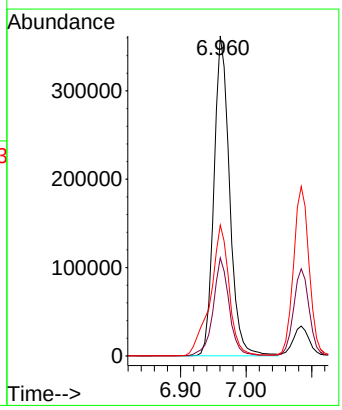


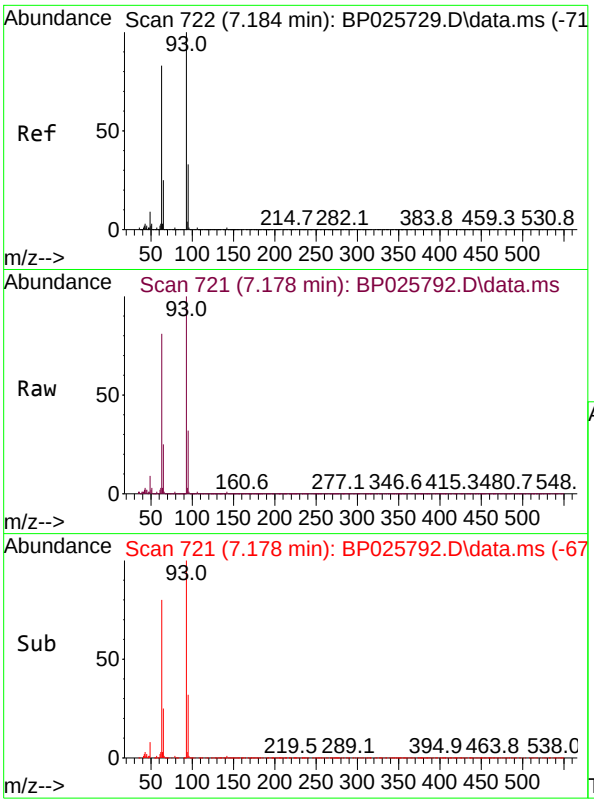


#10
Phenol
Concen: 38.015 ng
RT: 6.960 min Scan# 684
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion: 94 Resp: 601914

Ion	Ratio	Lower	Upper
94	100		
65	30.6	10.2	50.2
66	40.9	21.4	61.4



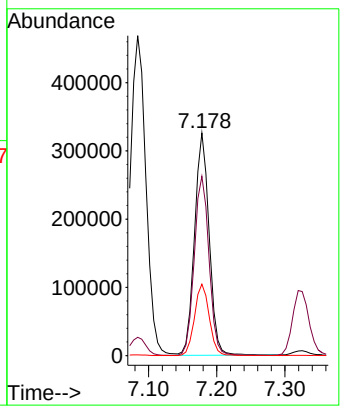


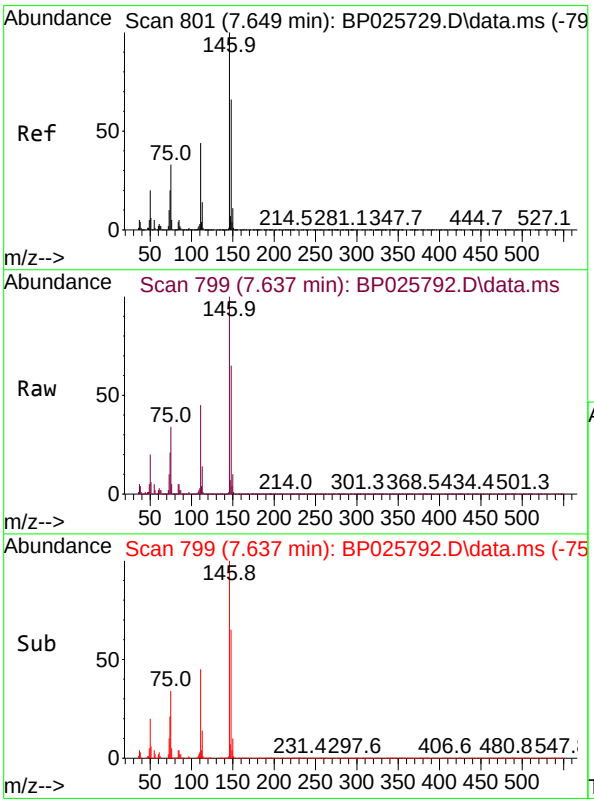
#11
bis(2-Chloroethyl)ether
Concen: 38.164 ng
RT: 7.178 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 485488

Ion	Ratio	Lower	Upper
93	100		
63	80.5	62.6	102.6
95	32.1	13.2	53.2

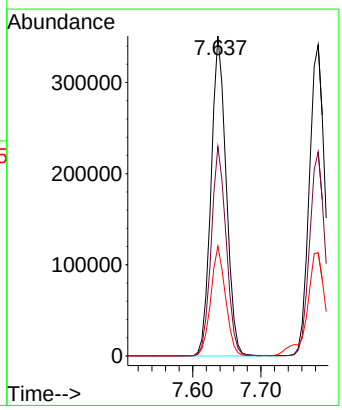


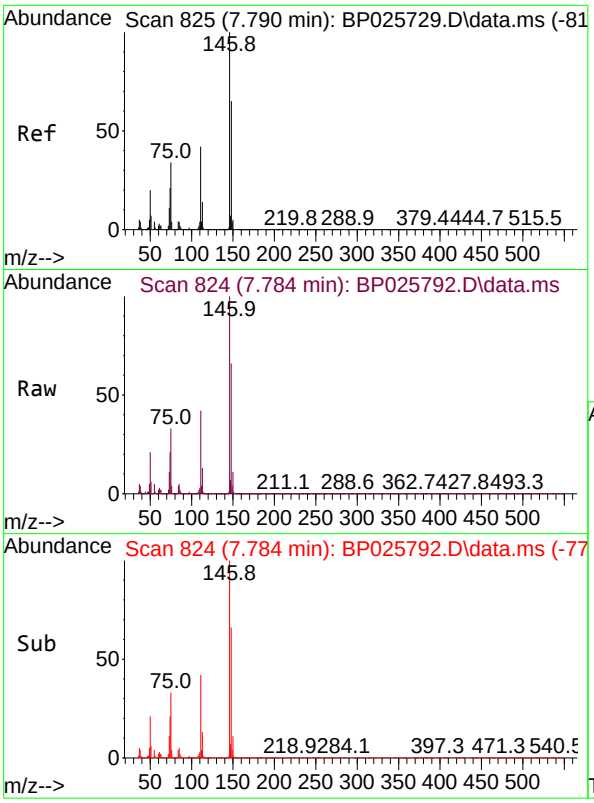


#12
1,3-Dichlorobenzene
Concen: 38.204 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:146 Resp: 538870

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.7	79.1
75	34.3	26.4	39.6



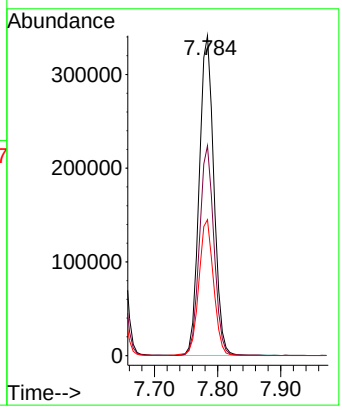


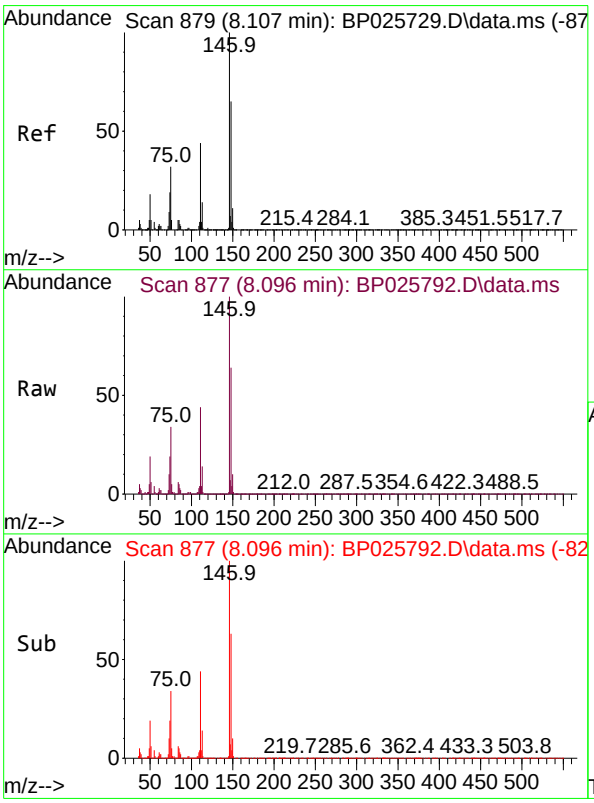
#13
1,4-Dichlorobenzene
Concen: 38.127 ng
RT: 7.784 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 547804

Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.0	78.0
111	42.5	33.9	50.9

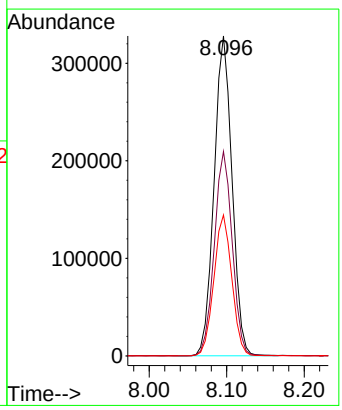


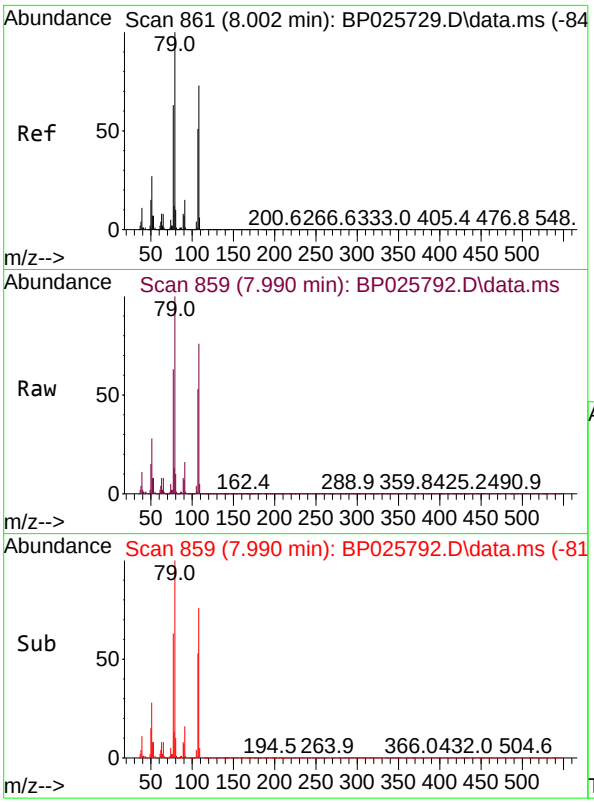


#14
1,2-Dichlorobenzene
Concen: 37.811 ng
RT: 8.096 min Scan# 877
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:146 Resp: 527776

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.7	77.5
111	44.0	35.5	53.3



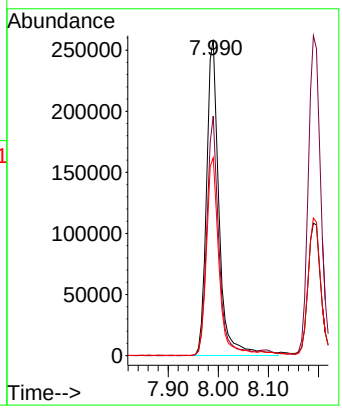


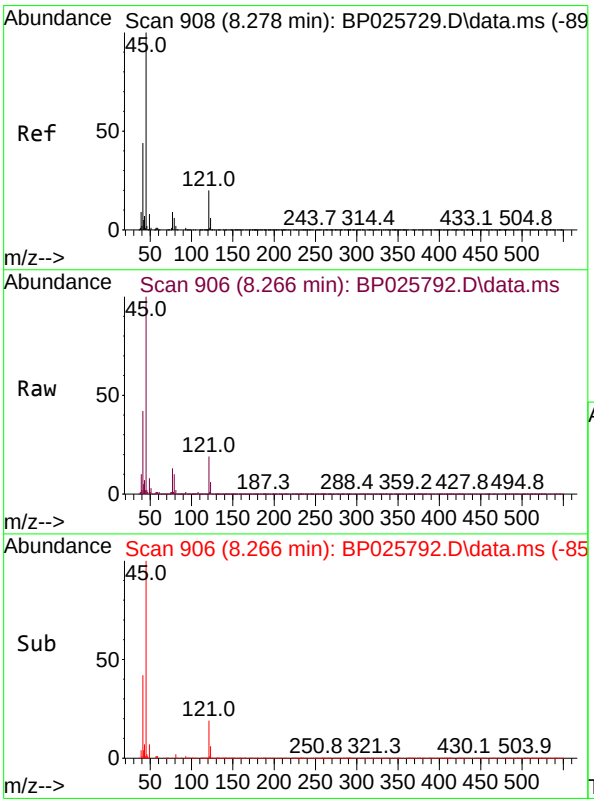
#15
Benzyl Alcohol
Concen: 36.068 ng
RT: 7.990 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 447530

Ion	Ratio	Lower	Upper
79	100		
108	75.8	58.7	88.1
77	62.6	50.2	75.2

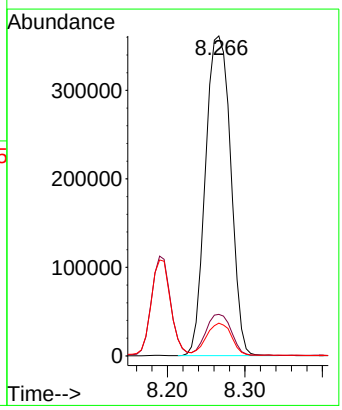


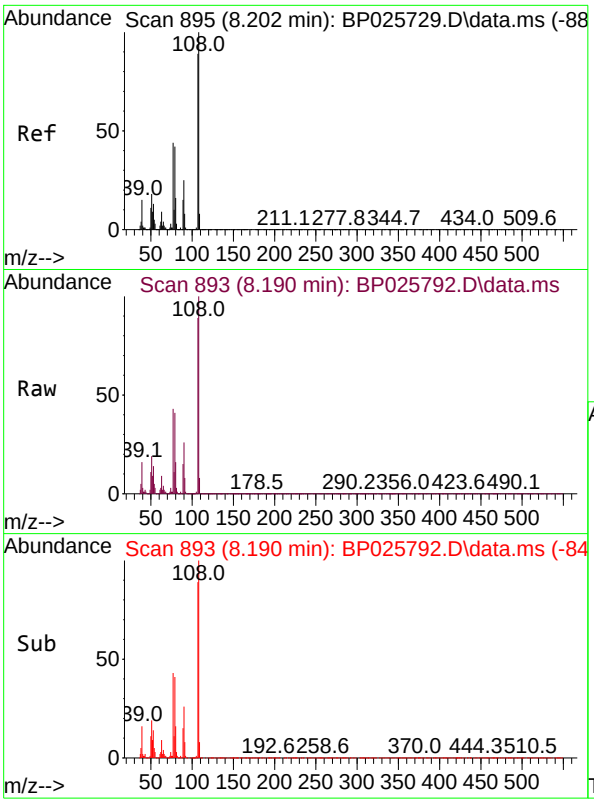


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.257 ng
RT: 8.266 min Scan# 906
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion: 45 Resp: 816681

Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	33.1
79	10.2	0.0	30.0



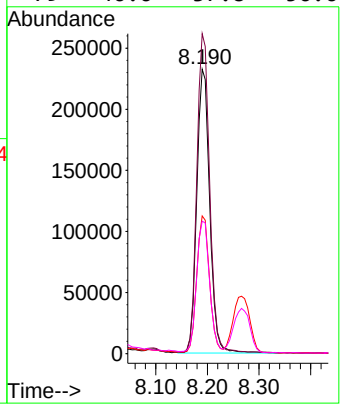


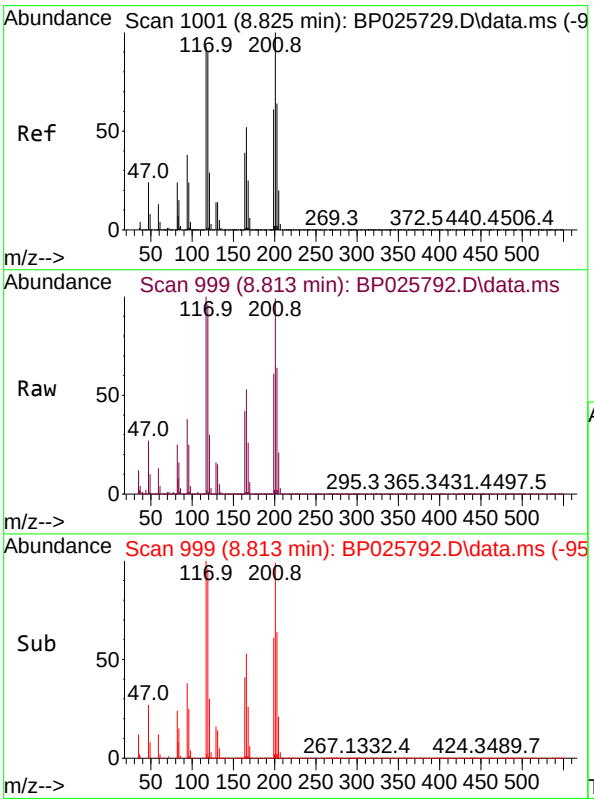
#17
2-Methylphenol
Concen: 37.711 ng
RT: 8.190 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 402565

Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.6	134.4
77	48.4	39.3	58.9
79	46.6	37.8	56.6

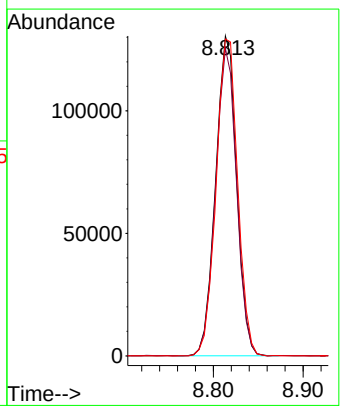


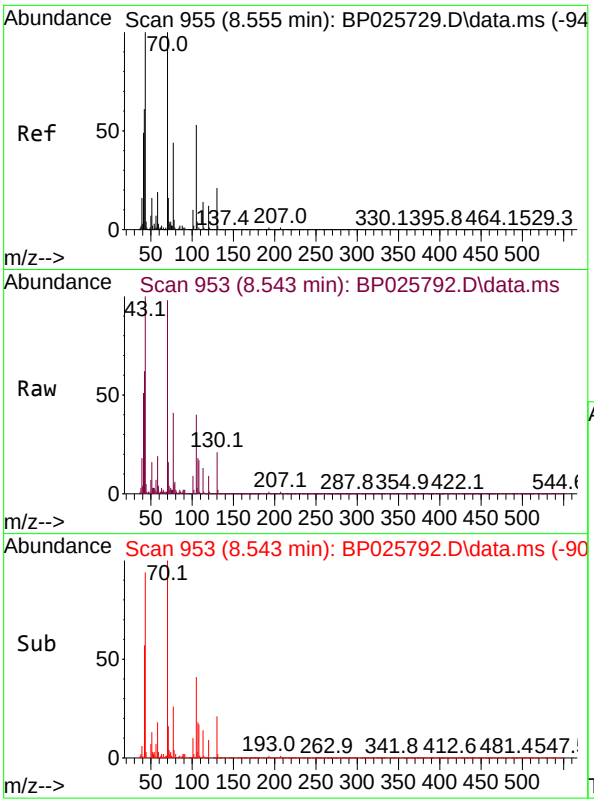


#18
Hexachloroethane
Concen: 39.006 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:117 Resp: 214072

Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.1	115.7
201	99.0	85.6	128.4



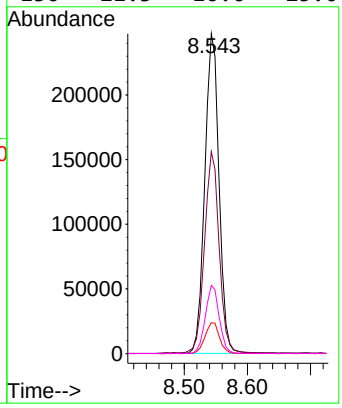


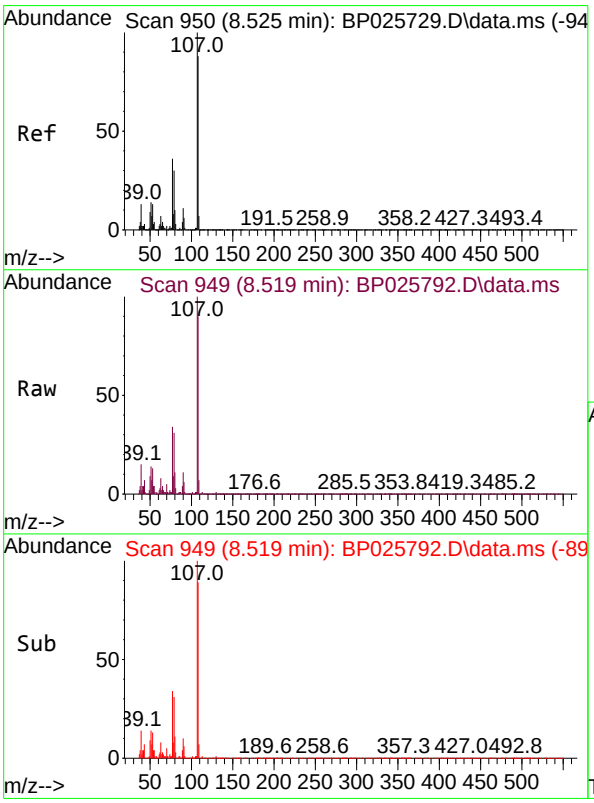
#19
n-Nitroso-di-n-propylamine
Concen: 36.843 ng
RT: 8.543 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 385866

Ion	Ratio	Lower	Upper
70	100		
42	63.1	49.0	73.4
101	9.6	7.9	11.9
130	21.3	16.6	25.0

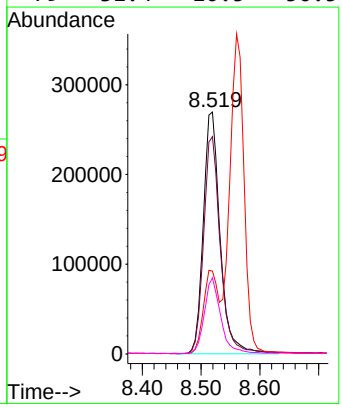


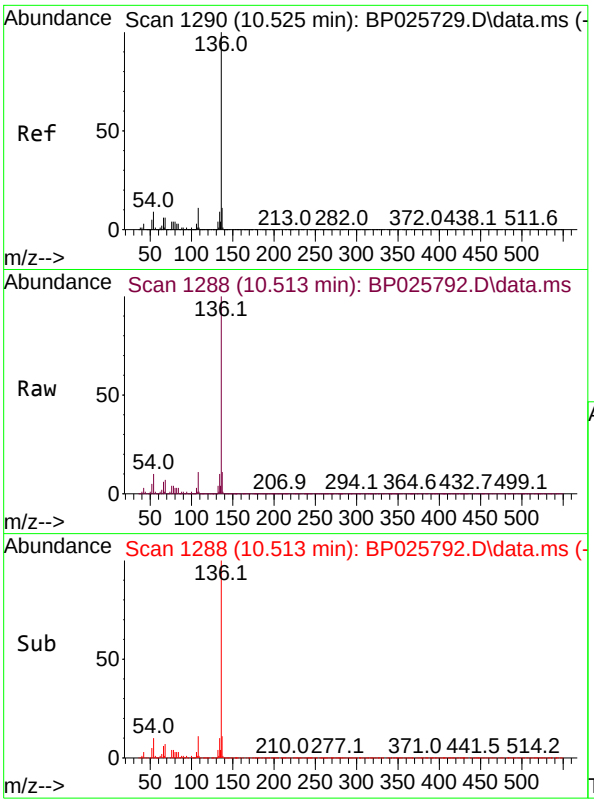


#20
3+4-Methylphenols
Concen: 35.779 ng
RT: 8.519 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:107 Resp: 534905

Ion	Ratio	Lower	Upper
107	100		
108	89.8	67.8	107.8
77	34.3	16.1	56.1
79	31.4	10.5	50.5



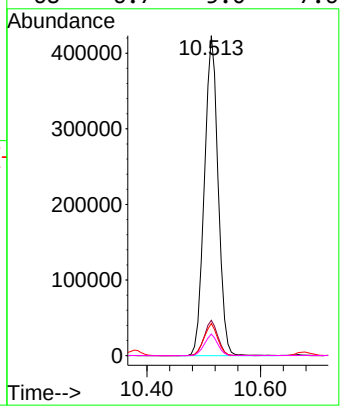


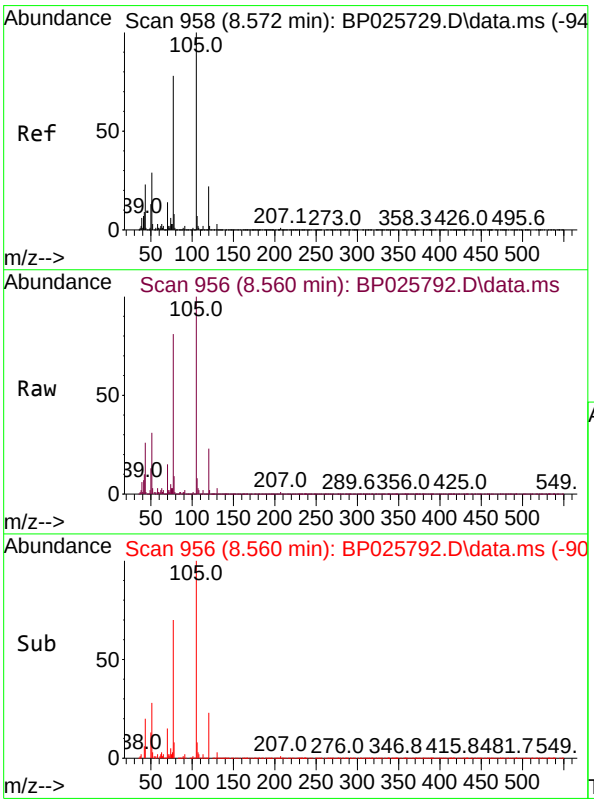
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 709982

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.0	7.5	11.3
68	6.7	5.0	7.6

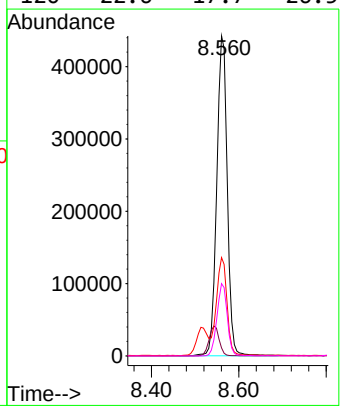


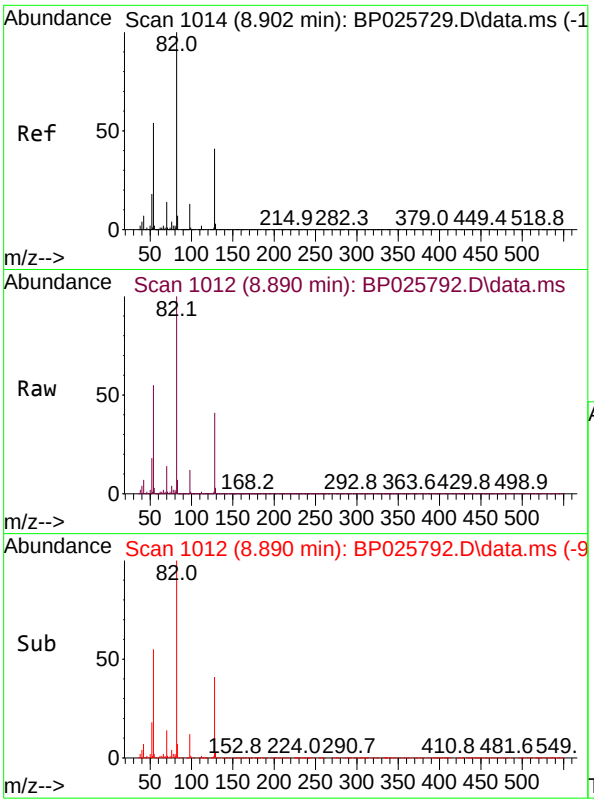


#22
Acetophenone
Concen: 39.137 ng
RT: 8.560 min Scan# 956
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:105 Resp: 742554

Ion	Ratio	Lower	Upper
105	100		
71	2.5	1.8	2.8
51	30.7	23.5	35.3
120	22.6	17.7	26.5



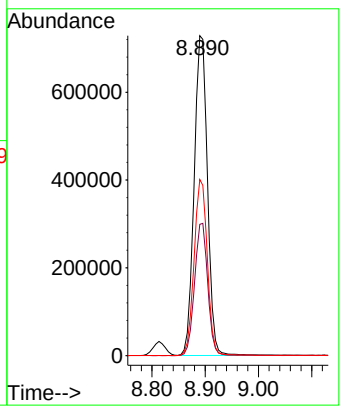


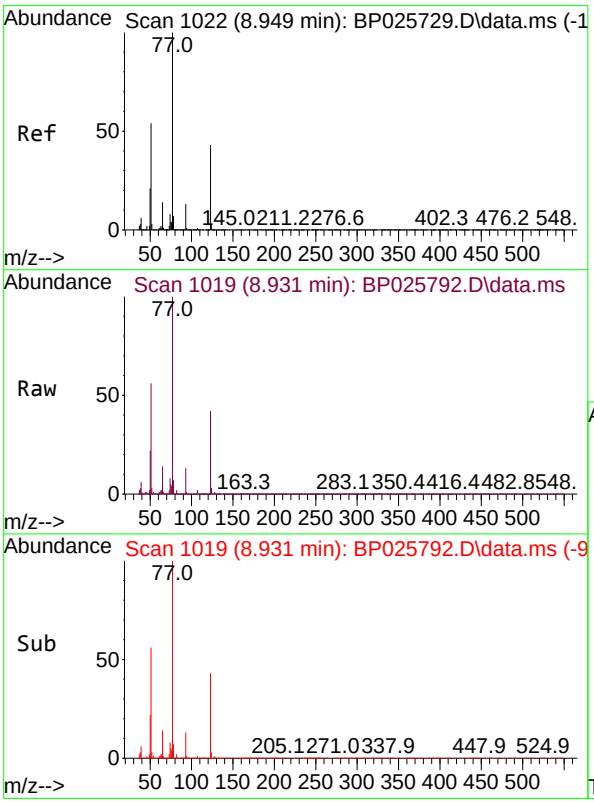
#23
Nitrobenzene-d5
Concen: 78.670 ng
RT: 8.890 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1266219

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.9	49.3
54	55.0	43.4	65.2

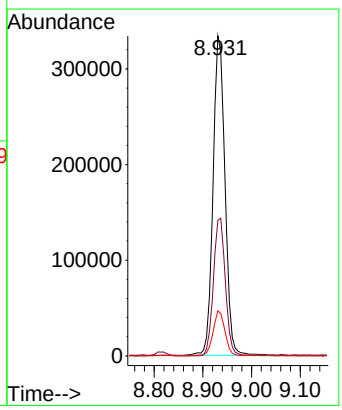


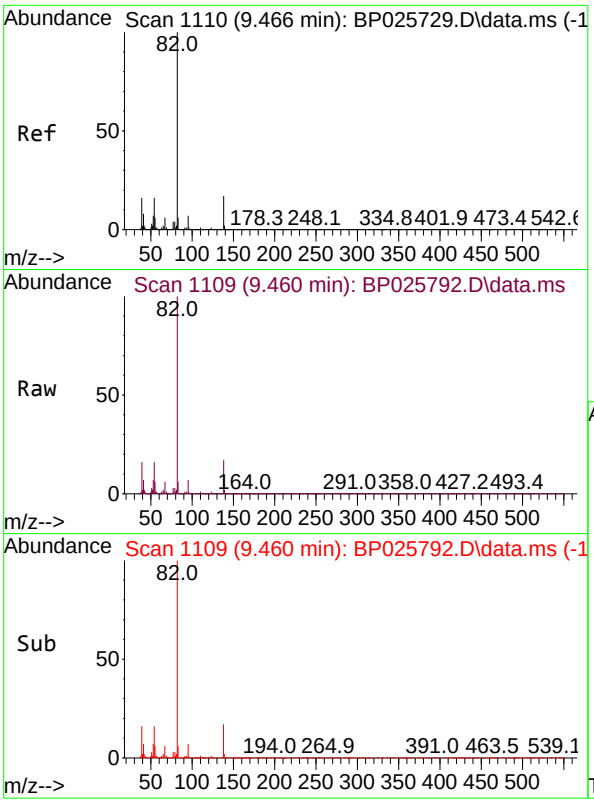


#24
Nitrobenzene
Concen: 39.552 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion: 77 Resp: 571100

Ion	Ratio	Lower	Upper
77	100		
123	42.4	34.4	51.6
65	14.1	10.8	16.2



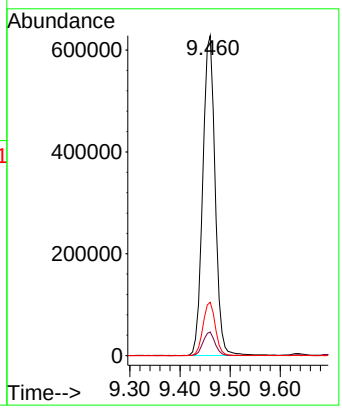


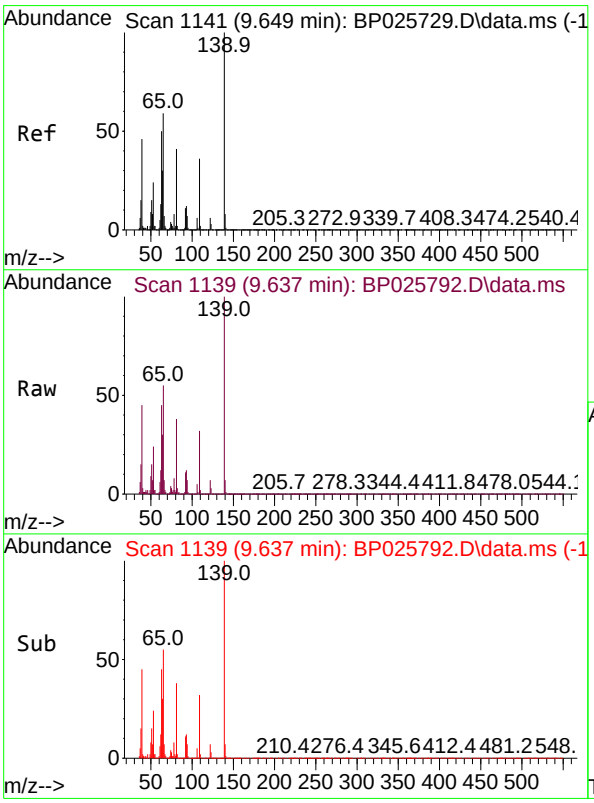
#25
Isophorone
Concen: 38.025 ng
RT: 9.460 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1075754

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.8
138	16.7	13.5	20.3

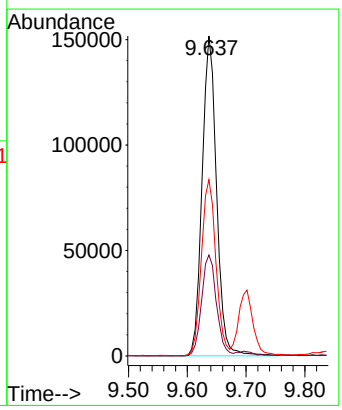


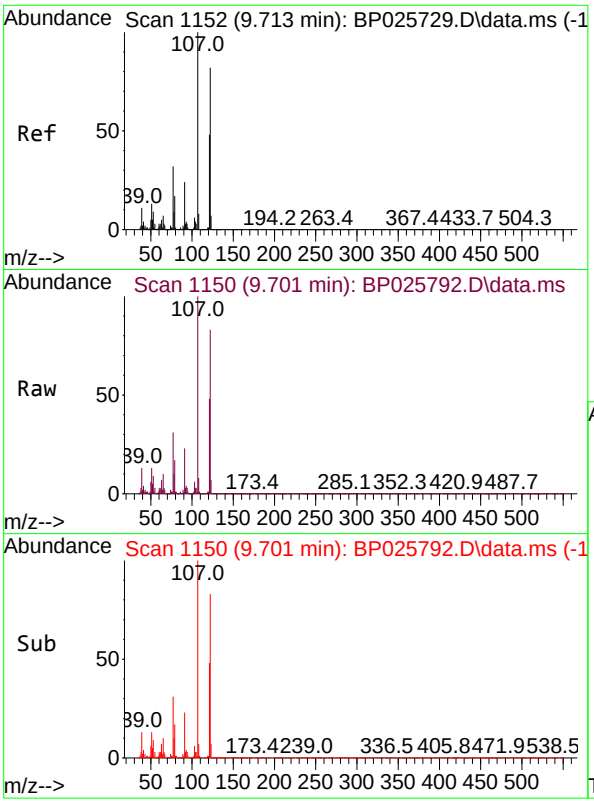


#26
2-Nitrophenol
Concen: 40.443 ng
RT: 9.637 min Scan# 1139
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:139 Resp: 259273

Ion	Ratio	Lower	Upper
139	100		
109	31.5	29.0	43.4
65	55.1	46.9	70.3



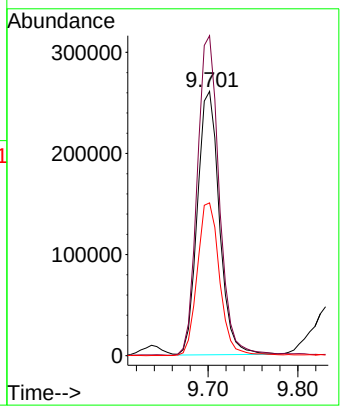


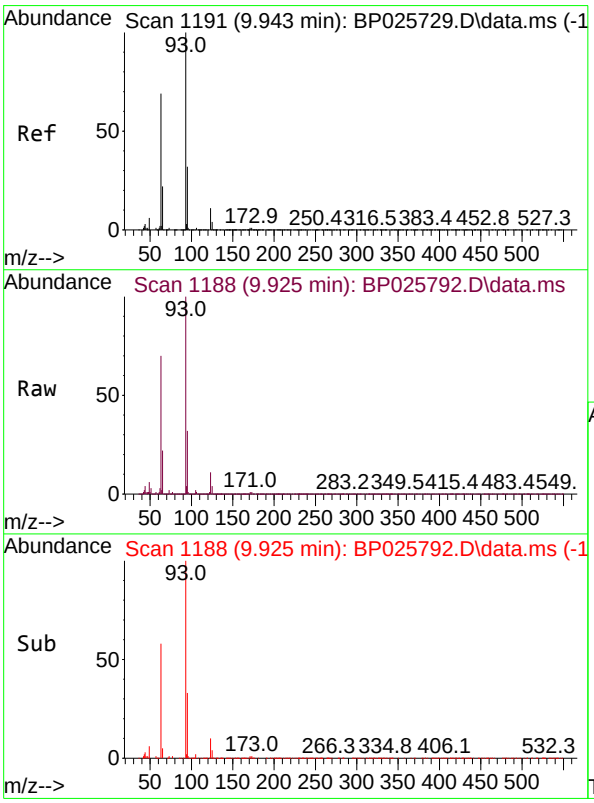
#27
2,4-Dimethylphenol
Concen: 39.403 ng
RT: 9.701 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 443153

Ion	Ratio	Lower	Upper
122	100		
107	121.1	97.9	146.9
121	57.8	47.4	71.0

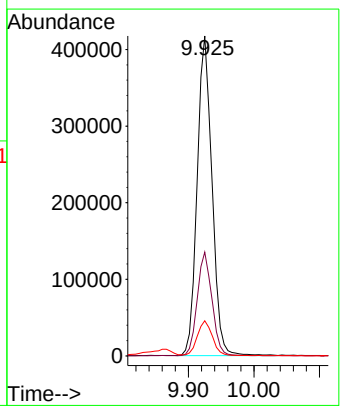


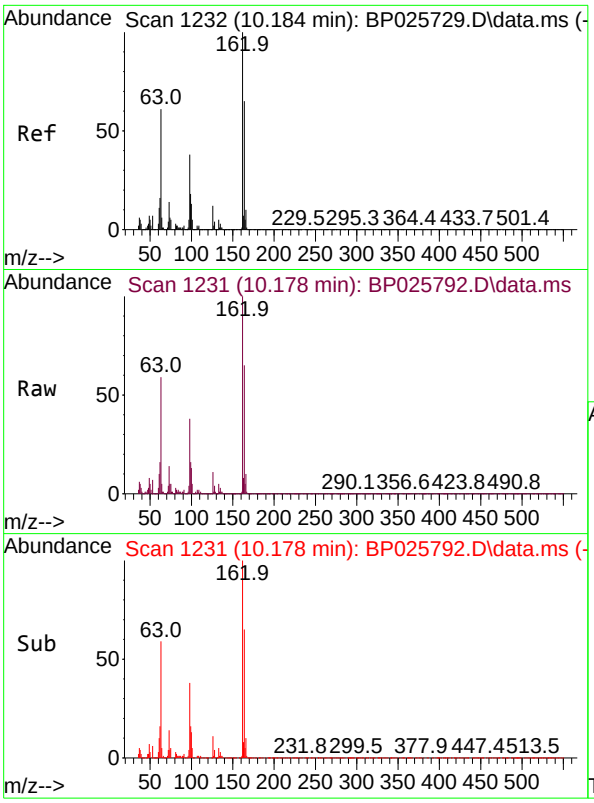


#28
bis(2-Chloroethoxy)methane
Concen: 39.943 ng
RT: 9.925 min Scan# 1188
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion: 93 Resp: 653195

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.6	38.4
123	11.0	9.2	13.8



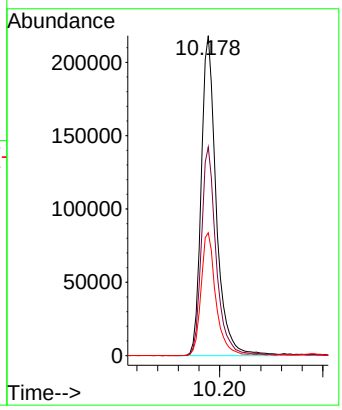


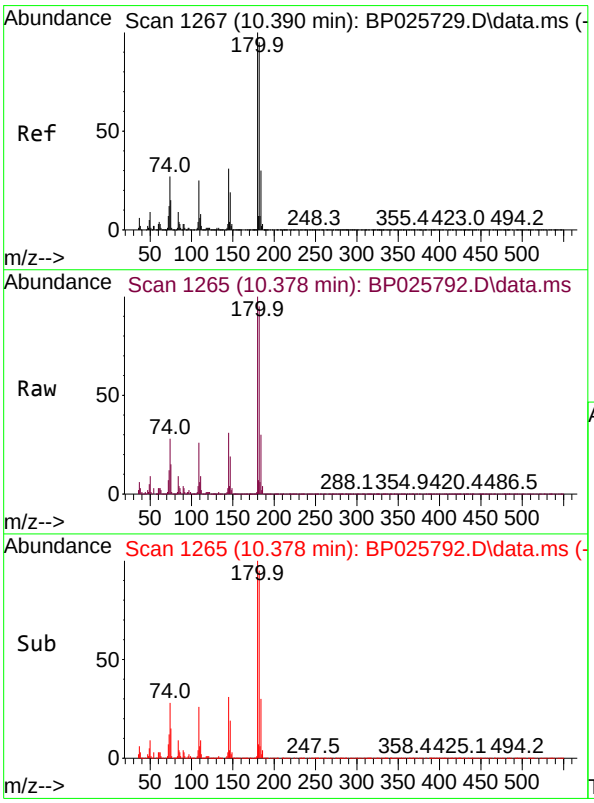
#29
2,4-Dichlorophenol
Concen: 39.341 ng
RT: 10.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 441144

Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.7	84.7
98	38.4	18.1	58.1

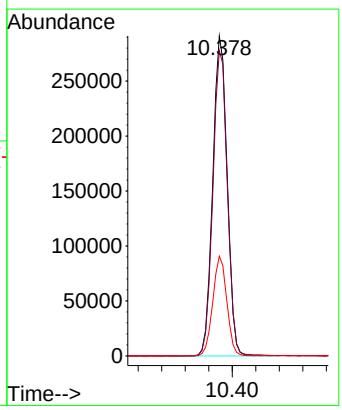


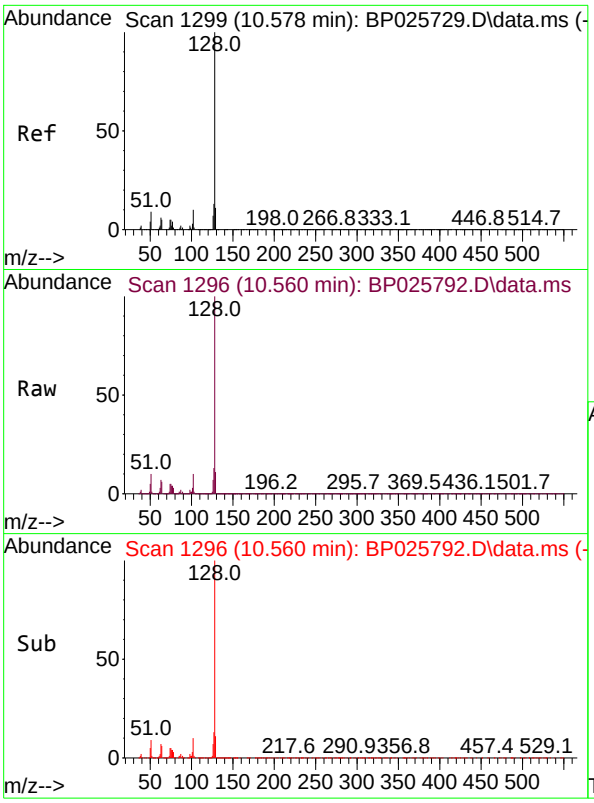


#30
1,2,4-Trichlorobenzene
Concen: 39.231 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:180 Resp: 495786

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.0	114.0
145	31.2	24.7	37.1



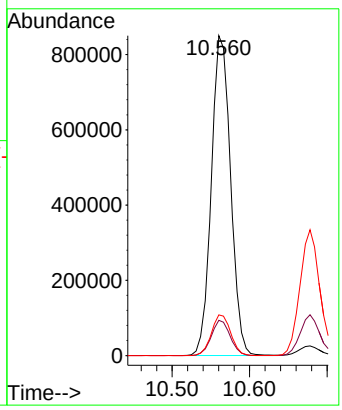


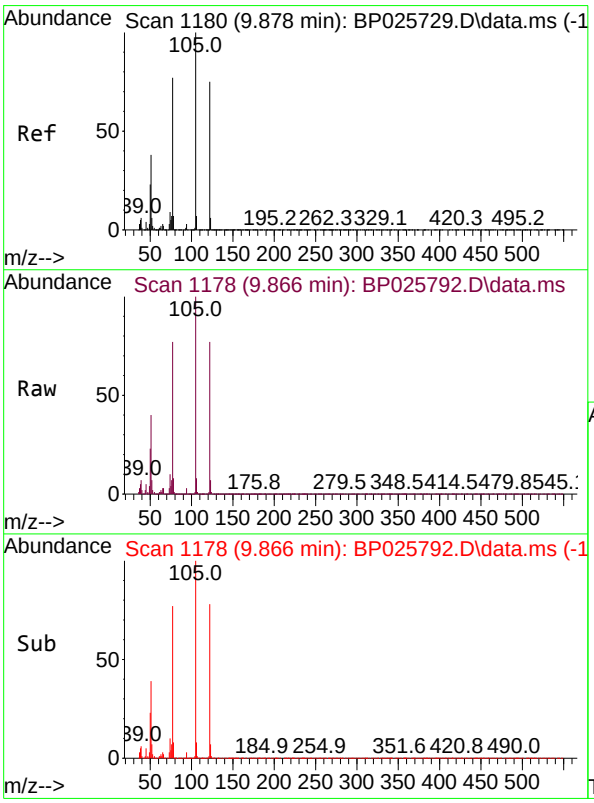
#31
Naphthalene
Concen: 38.441 ng
RT: 10.560 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1471643

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	12.7	10.2	15.4

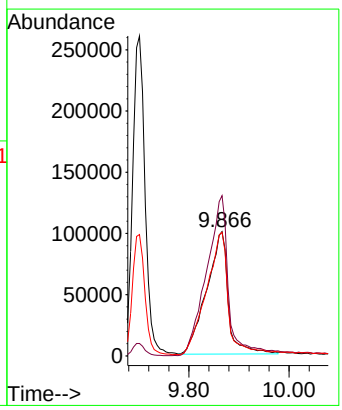


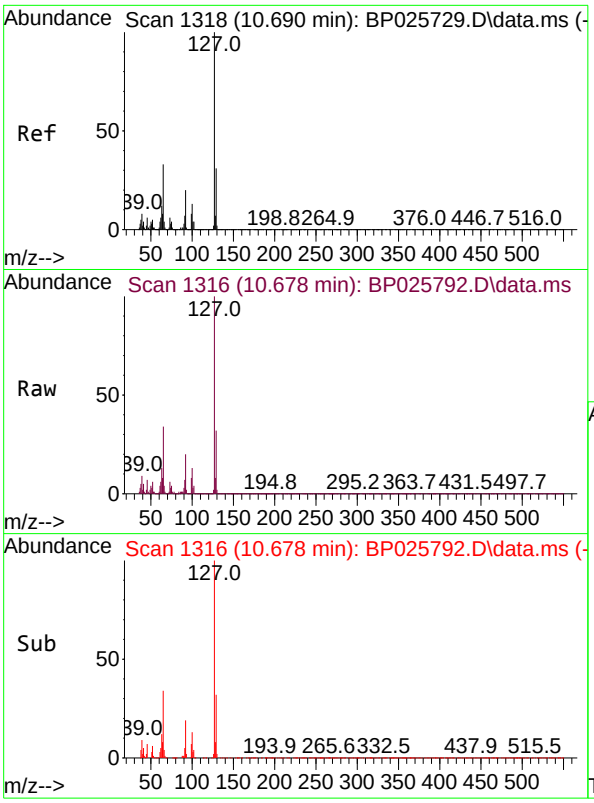


#32
Benzoic acid
Concen: 35.967 ng
RT: 9.866 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:122 Resp: 300739

Ion	Ratio	Lower	Upper
122	100		
105	129.0	111.5	151.5
77	99.6	81.8	121.8



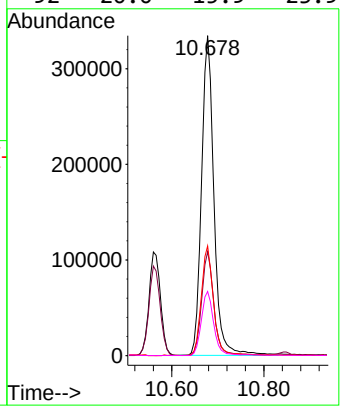


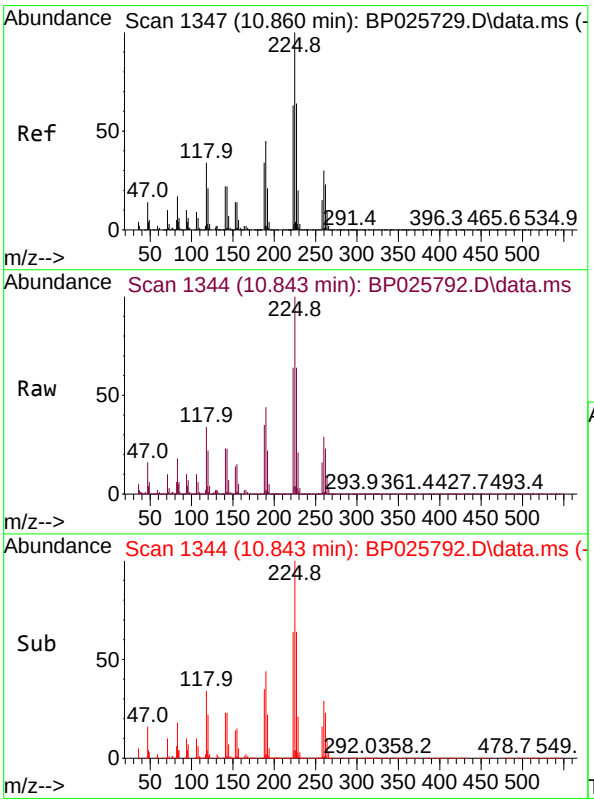
#33
4-Chloroaniline
Concen: 39.073 ng
RT: 10.678 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 623460

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.1	37.7
65	34.3	26.4	39.6
92	20.0	15.9	23.9

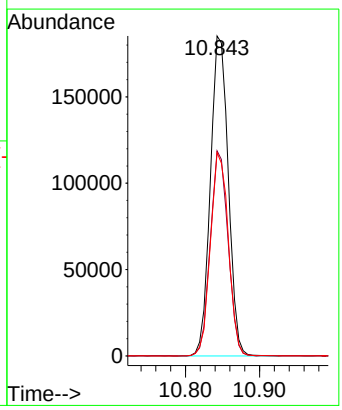


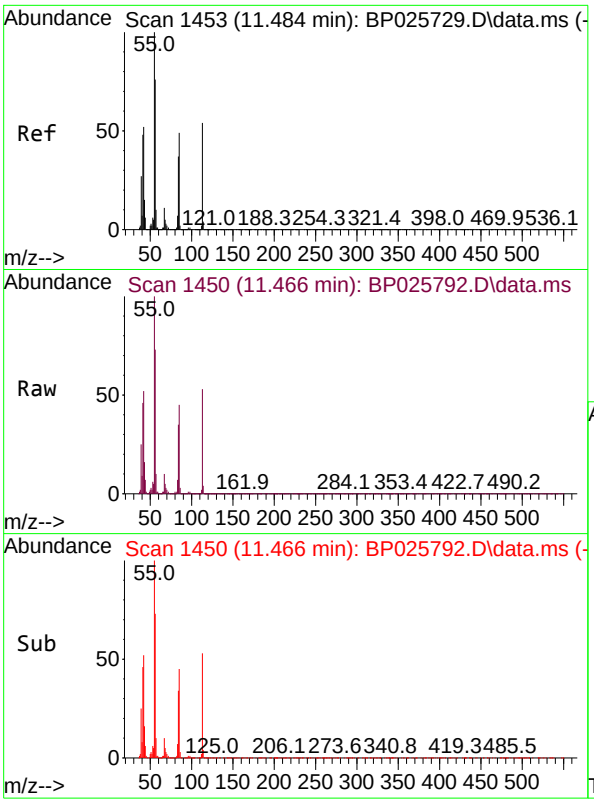


#34
Hexachlorobutadiene
Concen: 38.118 ng
RT: 10.843 min Scan# 1344
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:225 Resp: 310106

Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.1	75.1
227	63.5	51.2	76.8



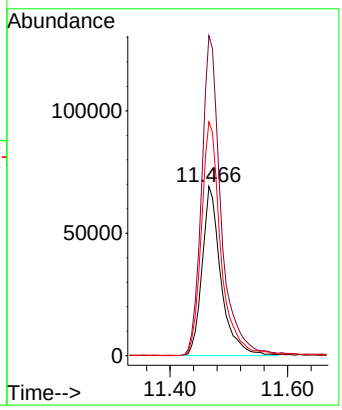


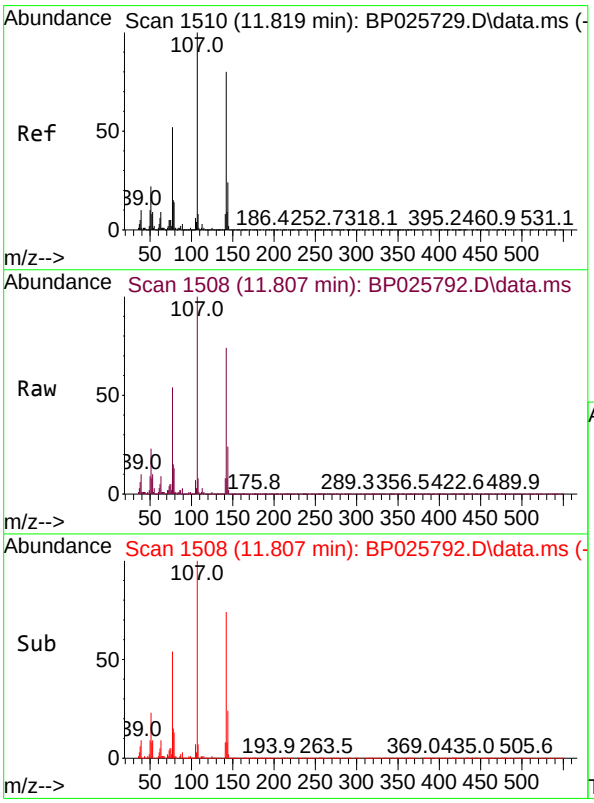
#35
Caprolactam
Concen: 35.486 ng
RT: 11.466 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 153394

Ion	Ratio	Lower	Upper
113	100		
55	189.2	165.5	205.5
56	138.1	121.1	161.1

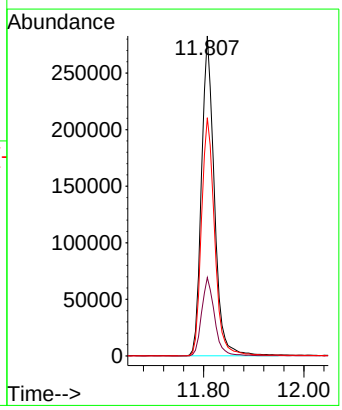


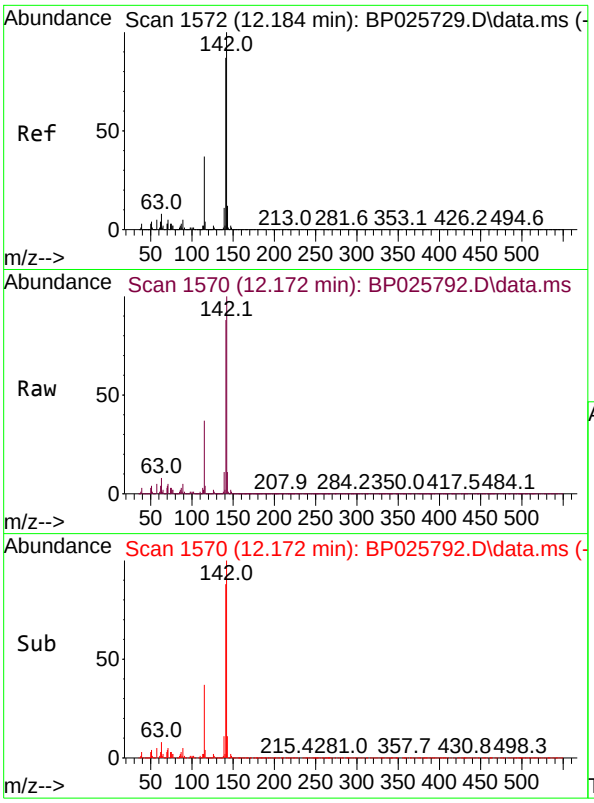


#36
4-Chloro-3-methylphenol
Concen: 37.706 ng
RT: 11.807 min Scan# 1508
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:107 Resp: 504088

Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.4	29.2
142	74.4	63.8	95.6



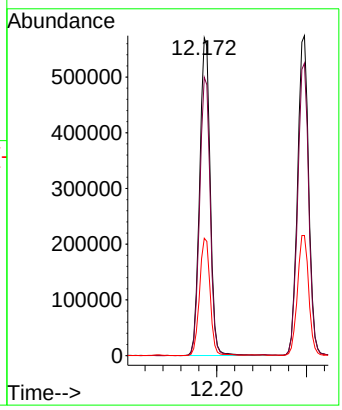


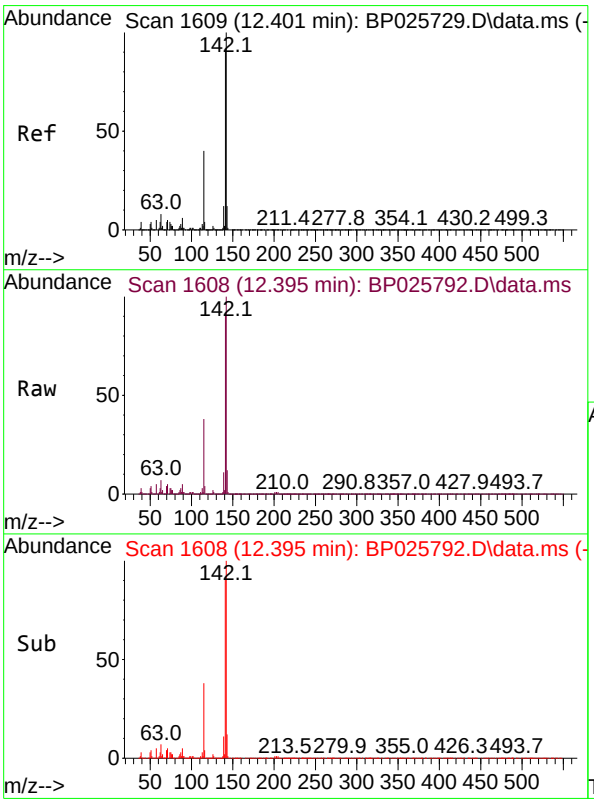
#37
2-Methylnaphthalene
Concen: 37.729 ng
RT: 12.172 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 927698

Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.6	104.4
115	36.9	30.0	45.0

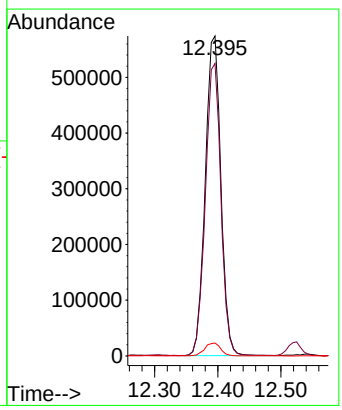


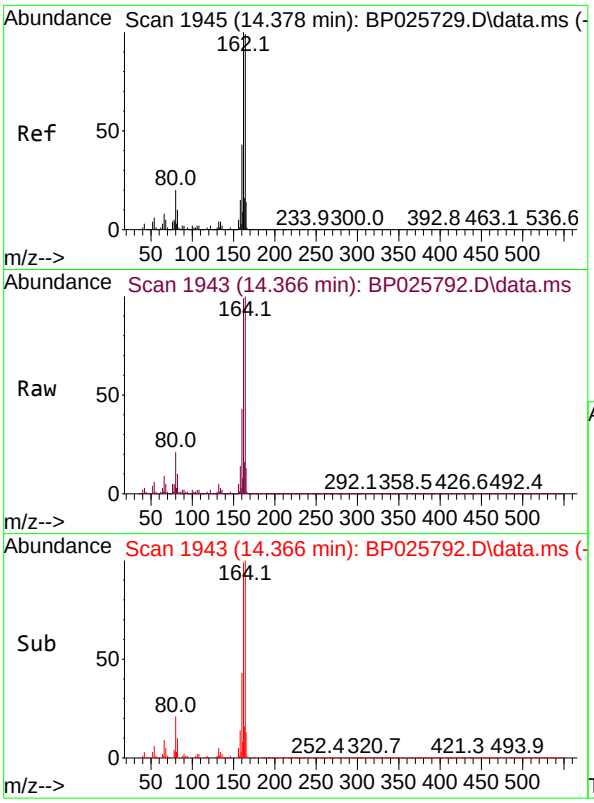


#38
1-Methylnaphthalene
Concen: 37.567 ng
RT: 12.395 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:142 Resp: 985022

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.7	109.1
116	4.0	3.5	5.3



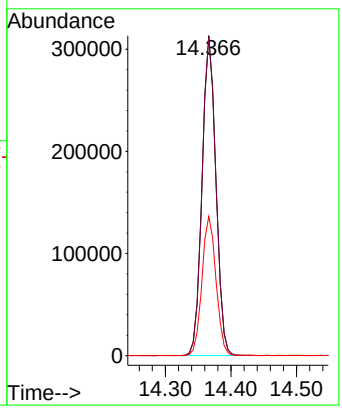


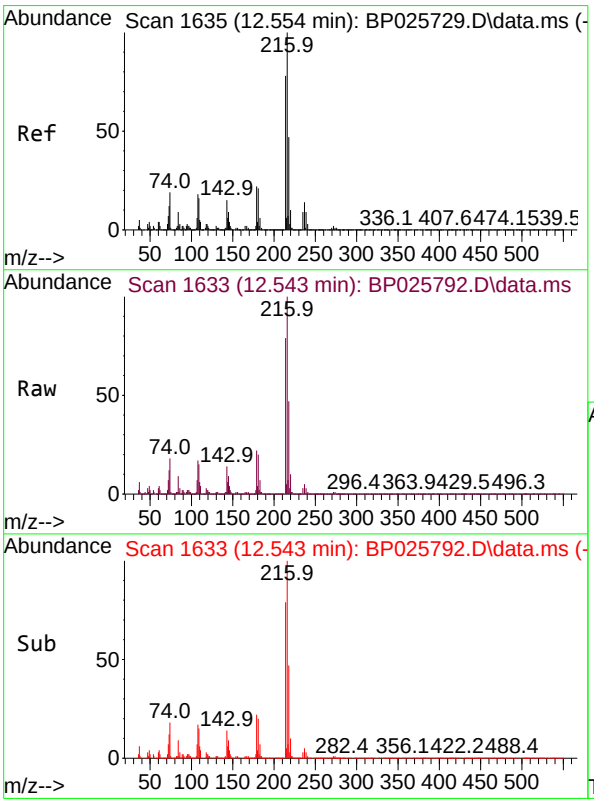
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.366 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 456027

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	120.8
160	43.5	35.0	52.6

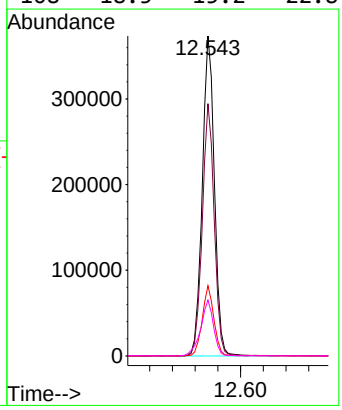


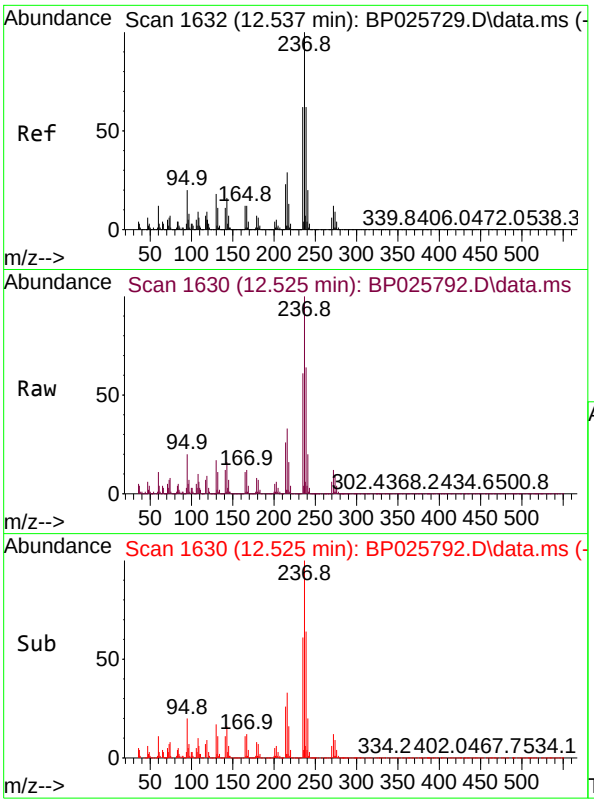


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.046 ng
RT: 12.543 min Scan# 1633
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:216 Resp: 553393

Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.4	93.6
179	21.0	17.0	25.6
108	18.5	15.2	22.8



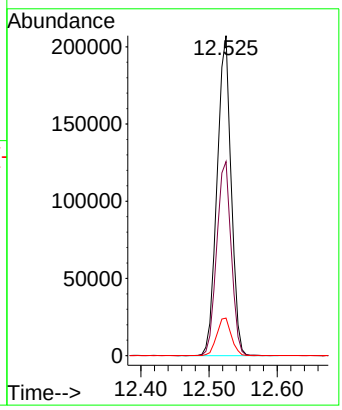


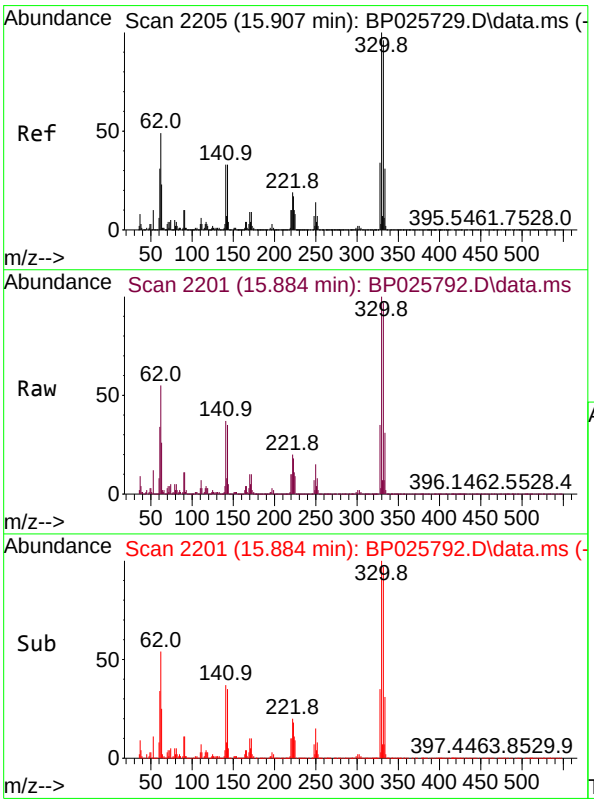
#41
Hexachlorocyclopentadiene
Concen: 39.223 ng
RT: 12.525 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 295205

Ion	Ratio	Lower	Upper
237	100		
235	60.6	41.9	81.9
272	11.7	0.0	31.8

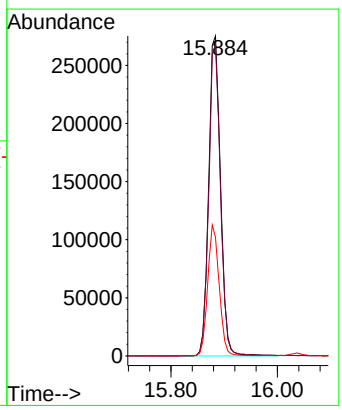


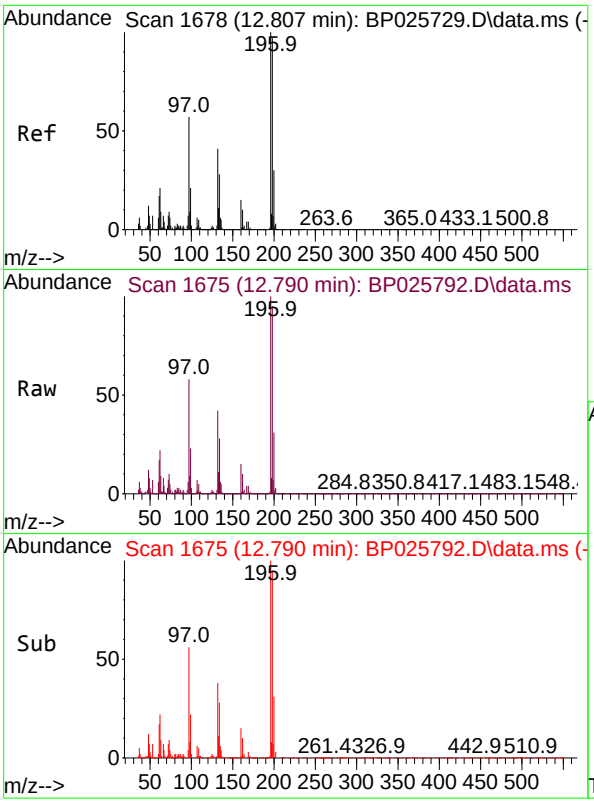


#42
2,4,6-Tribromophenol
Concen: 74.900 ng
RT: 15.884 min Scan# 2201
Delta R.T. -0.024 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:330 Resp: 426036

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	39.7	31.0	46.4



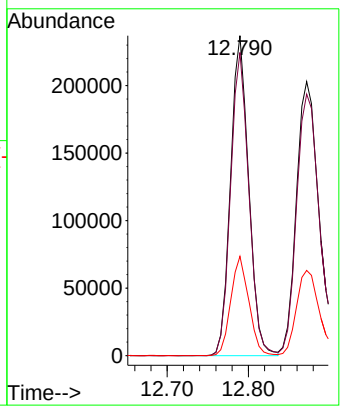


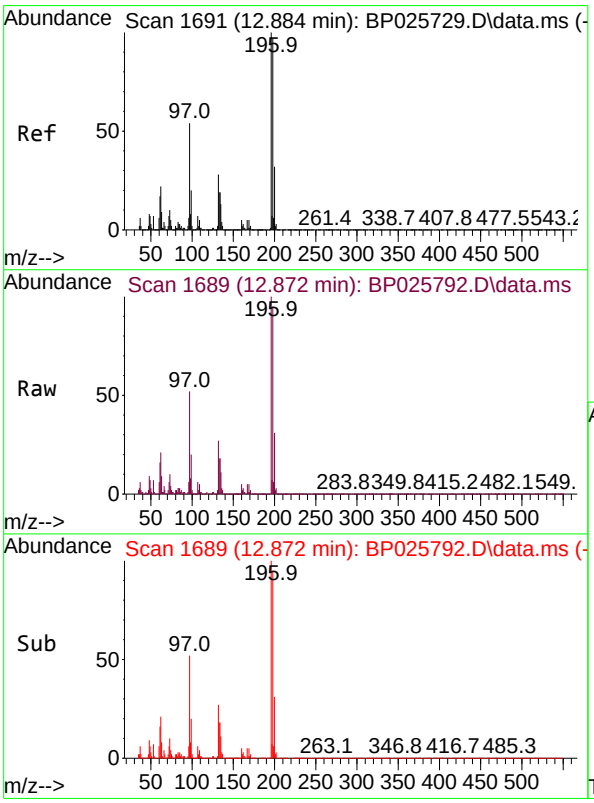
#43
2,4,6-Trichlorophenol
Concen: 40.566 ng
RT: 12.790 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 368519

Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.2	115.8
200	31.0	24.2	36.2

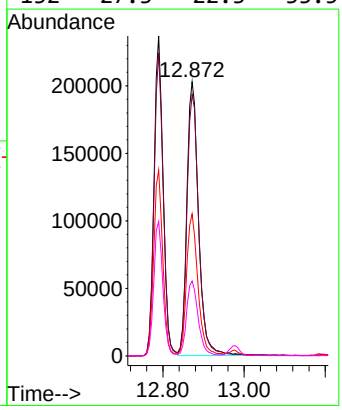


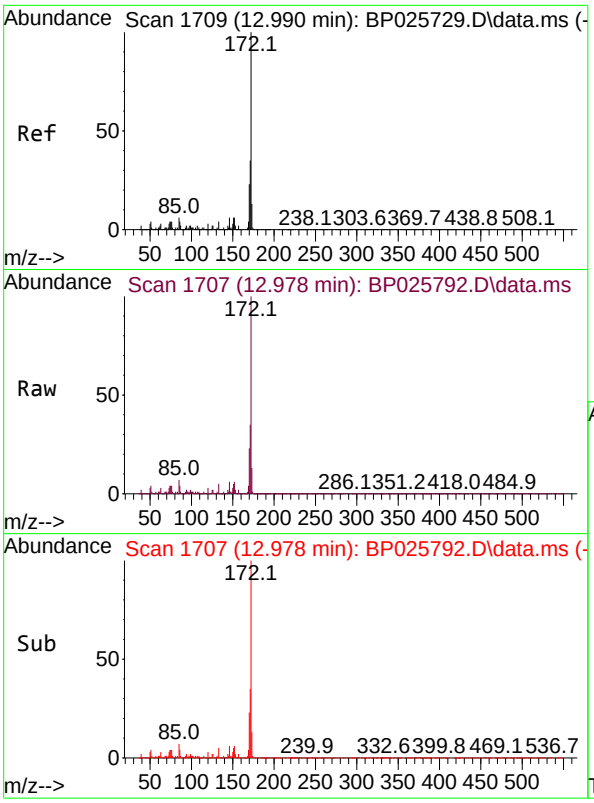


#44
2,4,5-Trichlorophenol
Concen: 40.071 ng
RT: 12.872 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:196 Resp: 405133

Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.8	116.8
97	51.8	43.3	64.9
132	27.3	22.3	33.5



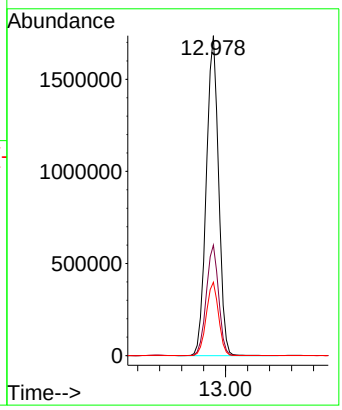


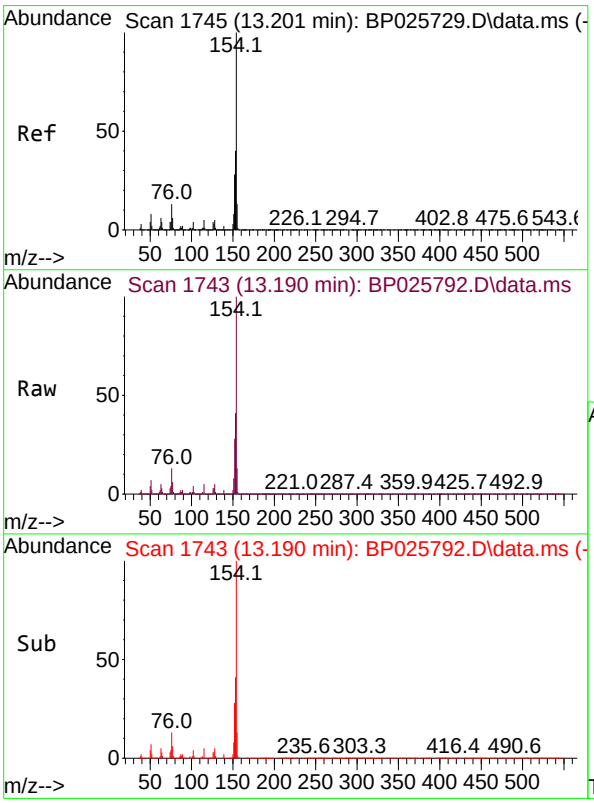
#45
2-Fluorobiphenyl
Concen: 78.397 ng
RT: 12.978 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 2685022

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	22.9	18.6	27.8

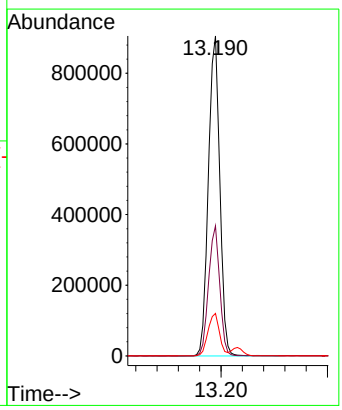


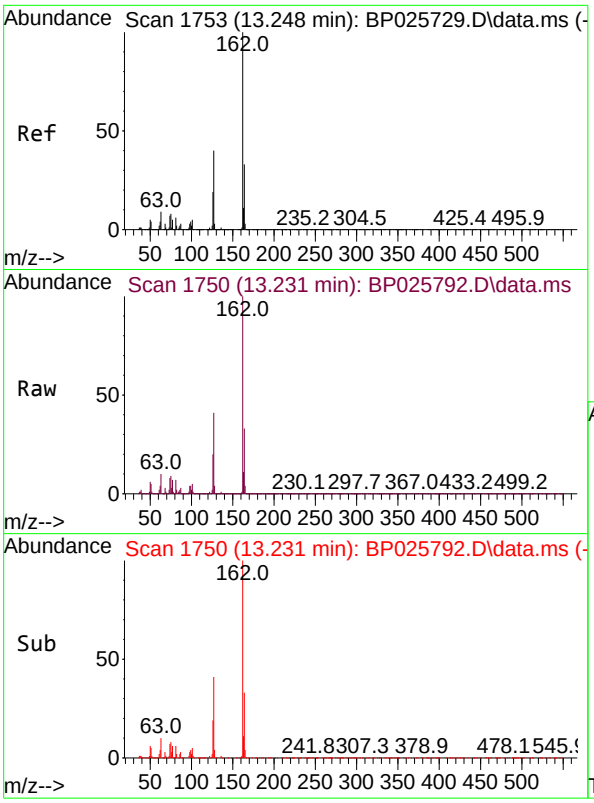


#46
1,1'-Biphenyl
Concen: 40.269 ng
RT: 13.190 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:154 Resp: 1347926

Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.7	59.7
76	13.3	0.0	33.3



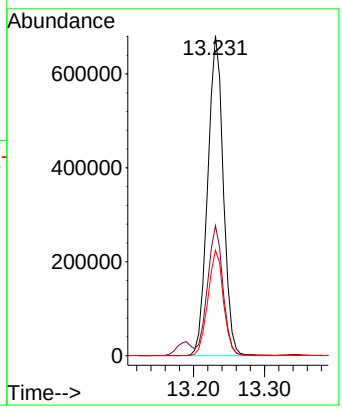


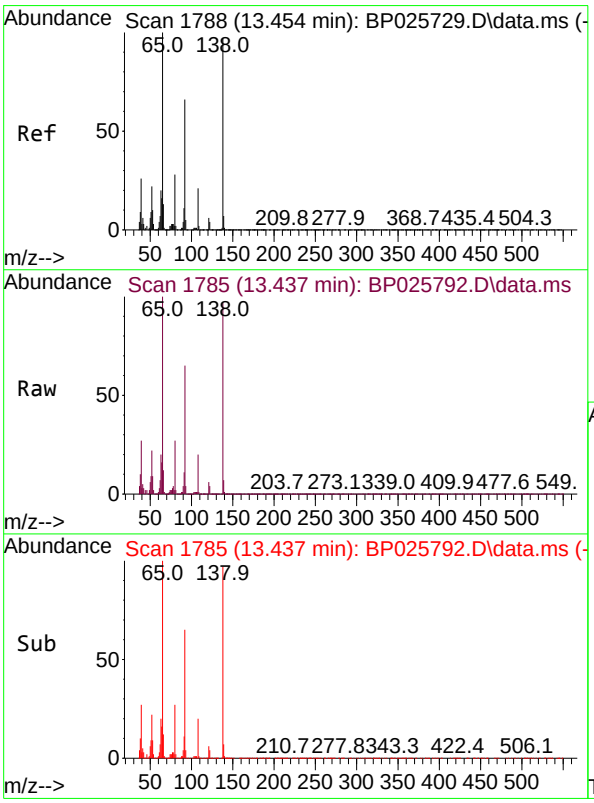
#47
2-Chloronaphthalene
Concen: 39.436 ng
RT: 13.231 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1039390

Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.2	48.4
164	32.9	26.5	39.7

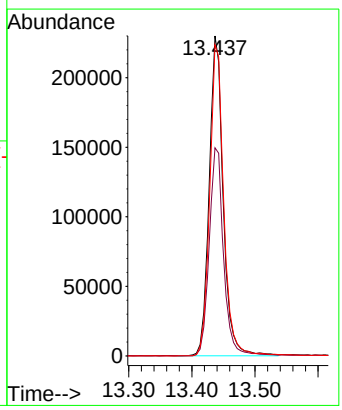


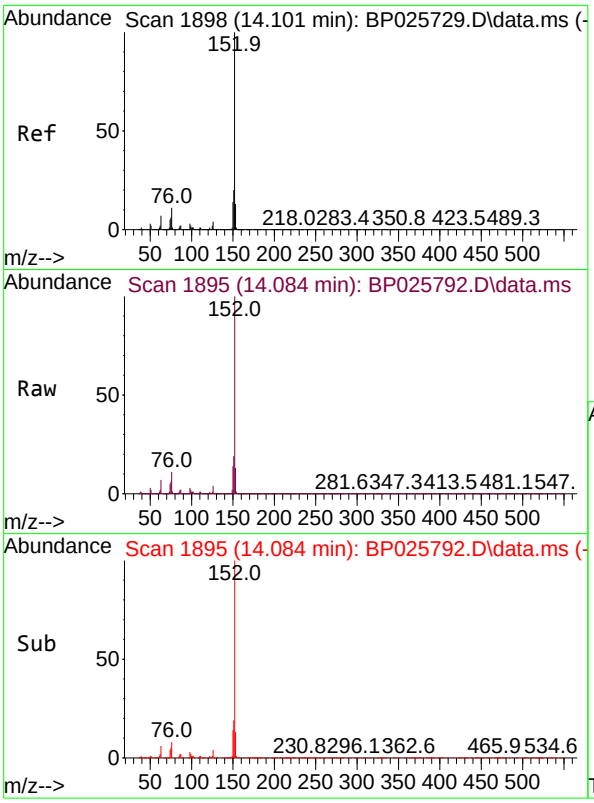


#48
2-Nitroaniline
Concen: 40.246 ng
RT: 13.437 min Scan# 1785
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion: 65 Resp: 353587

Ion	Ratio	Lower	Upper
65	100		
92	65.0	53.1	79.7
138	97.2	77.8	116.8



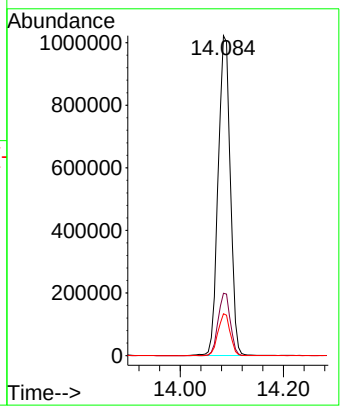


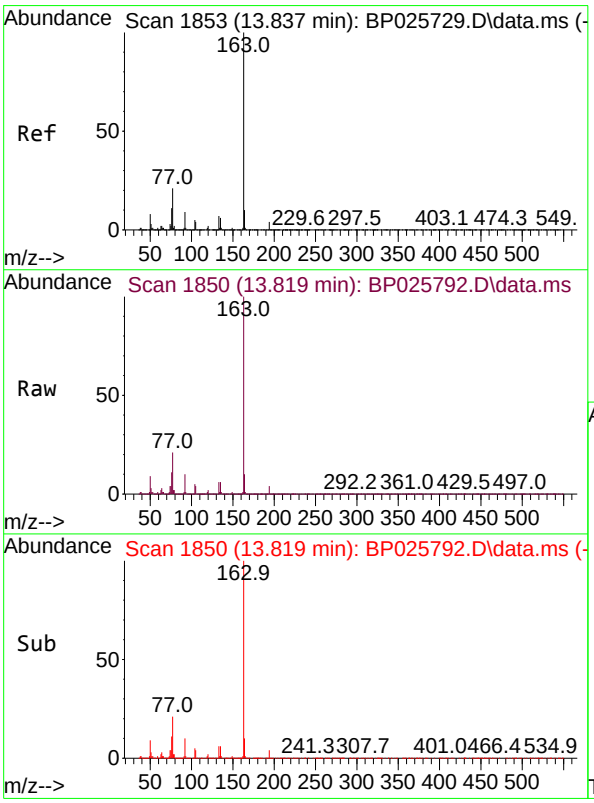
#49
Acenaphthylene
Concen: 38.596 ng
RT: 14.084 min Scan# 18
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1685485

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.1	10.5	15.7

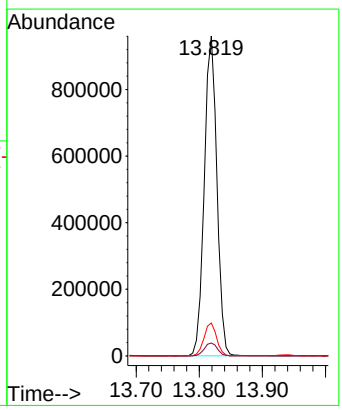


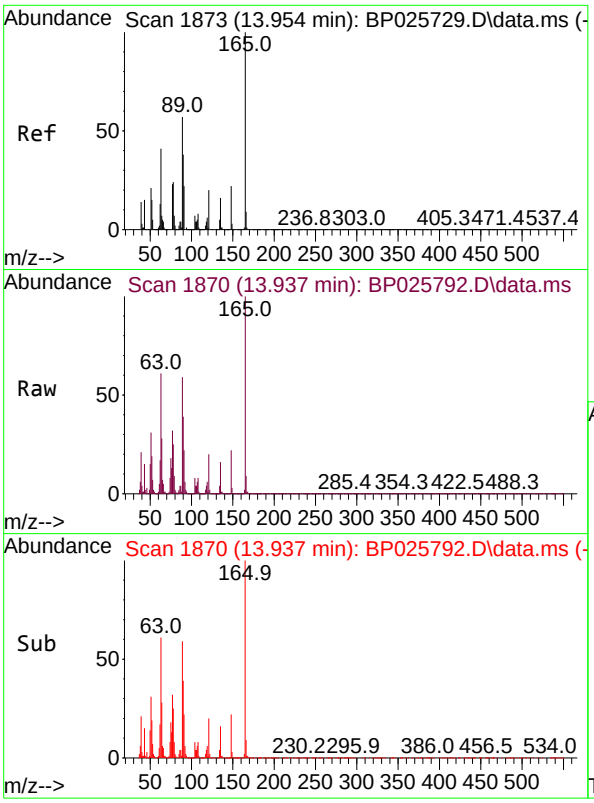


#50
Dimethylphthalate
Concen: 38.208 ng
RT: 13.819 min Scan# 1850
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:163 Resp: 1330258

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.3	8.2	12.2



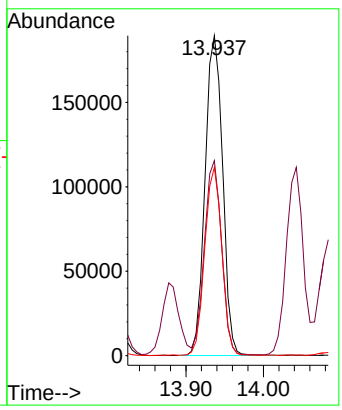


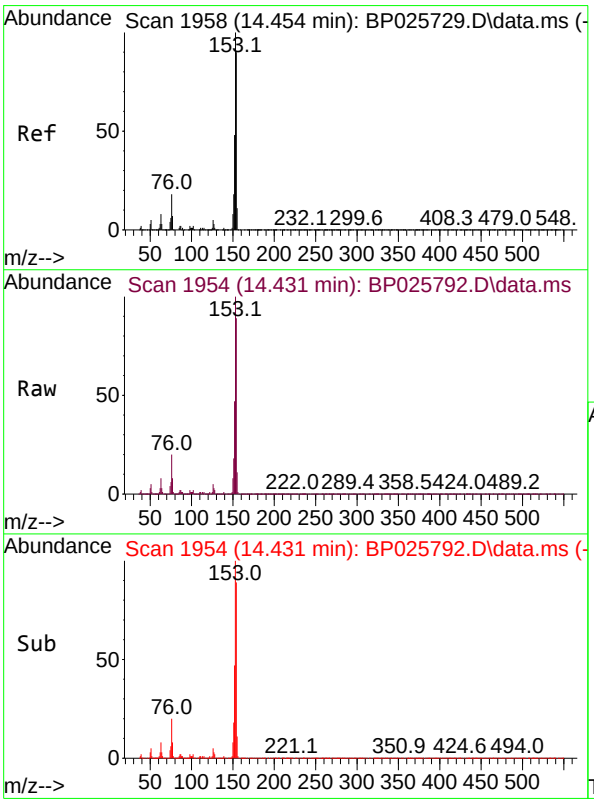
#51
2,6-Dinitrotoluene
Concen: 40.422 ng
RT: 13.937 min Scan# 18
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 298163

Ion	Ratio	Lower	Upper
165	100		
63	60.9	48.1	72.1
89	58.8	45.4	68.0

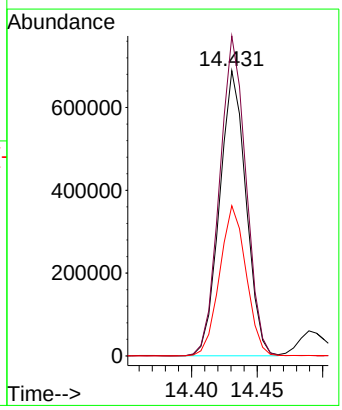


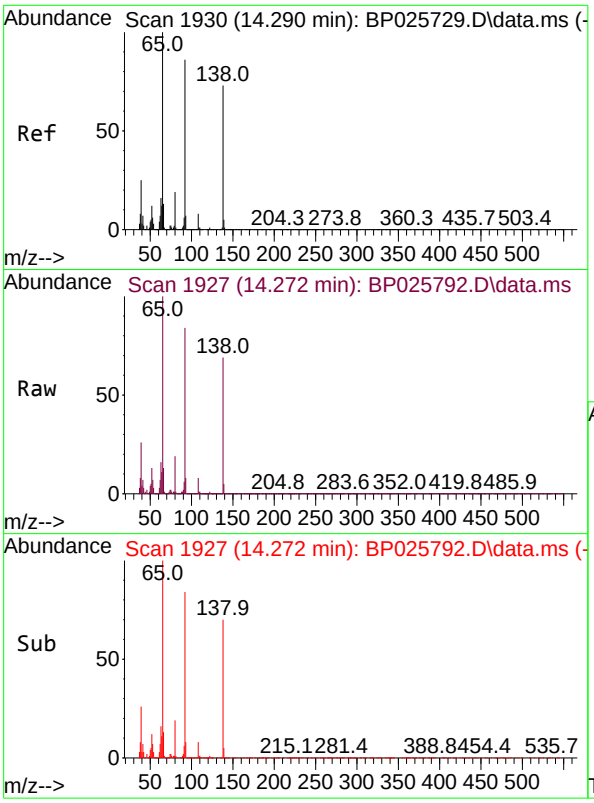


#52
Acenaphthene
Concen: 38.287 ng
RT: 14.431 min Scan# 1954
Delta R.T. -0.024 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:154 Resp: 964200

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.4	134.0
152	52.6	42.5	63.7



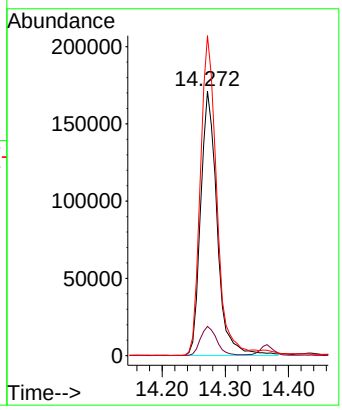


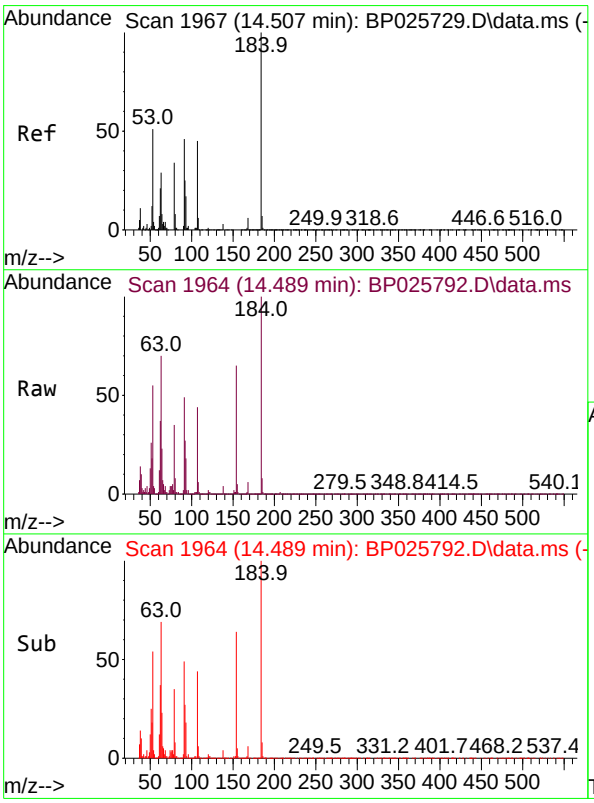
#53
3-Nitroaniline
Concen: 39.873 ng
RT: 14.272 min Scan# 19
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 309286

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.7	13.1
92	121.0	94.6	142.0

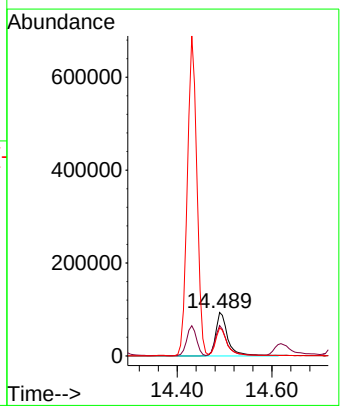


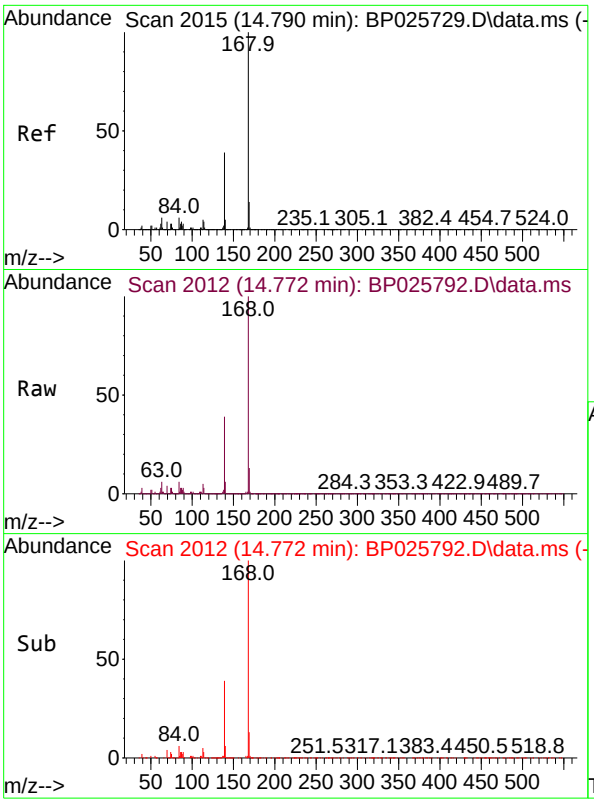


#54
2,4-Dinitrophenol
Concen: 36.669 ng
RT: 14.489 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:184 Resp: 162528

Ion	Ratio	Lower	Upper
184	100		
63	69.7	52.5	78.7
154	64.5	51.5	77.3



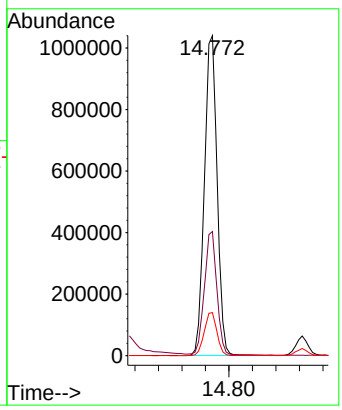


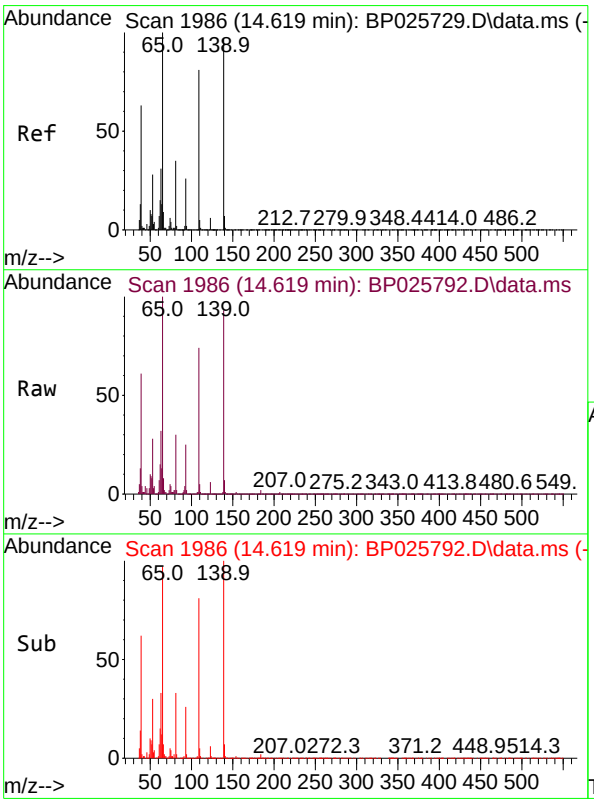
#55
Dibenzofuran
Concen: 38.029 ng
RT: 14.772 min Scan# 20
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1560894

Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.7	47.5
169	13.5	10.8	16.2

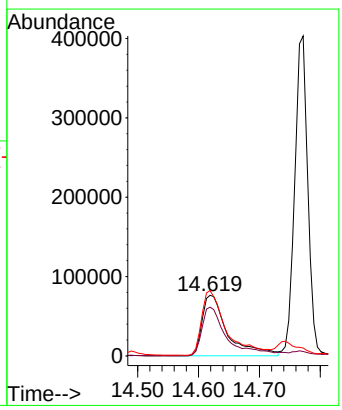


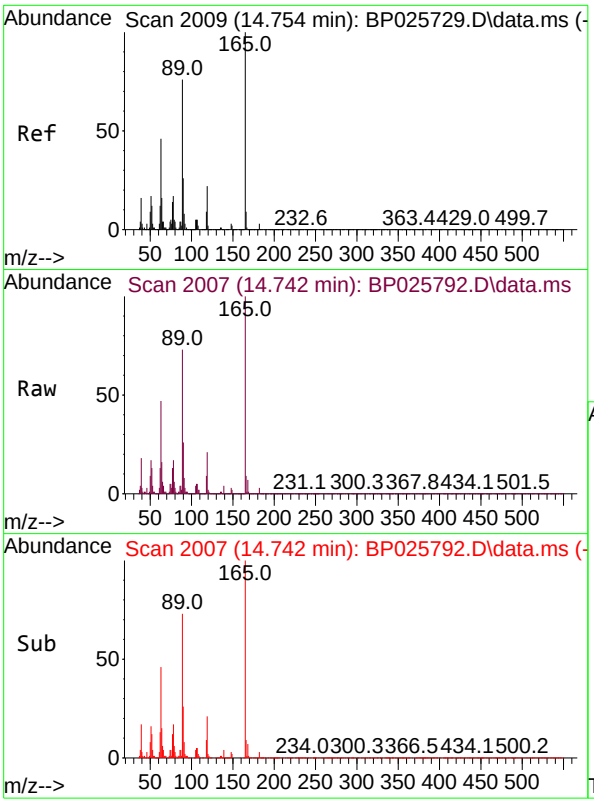


#56
4-Nitrophenol
Concen: 35.879 ng
RT: 14.619 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:139 Resp: 222178

Ion	Ratio	Lower	Upper
139	100		
109	80.4	62.9	102.9
65	108.0	83.4	123.4



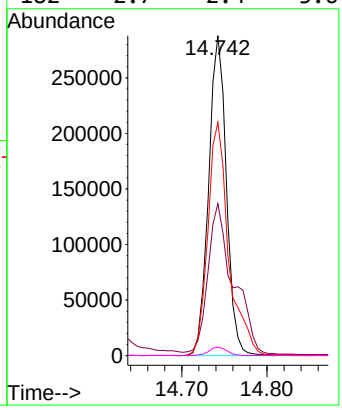


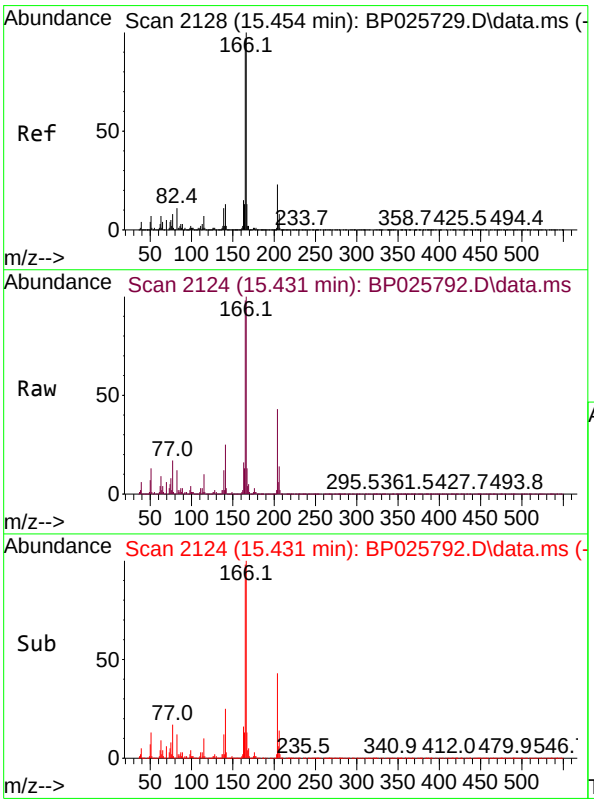
#57
2,4-Dinitrotoluene
Concen: 39.739 ng
RT: 14.742 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 417167

Ion	Ratio	Lower	Upper
165	100		
63	47.5	37.7	56.5
89	72.9	61.0	91.6
182	2.7	2.4	3.6

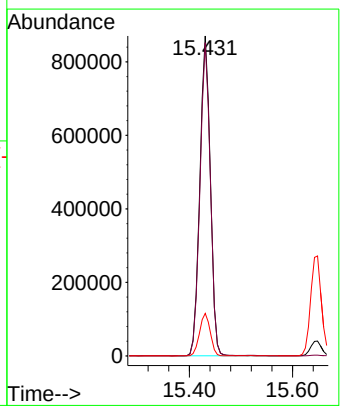


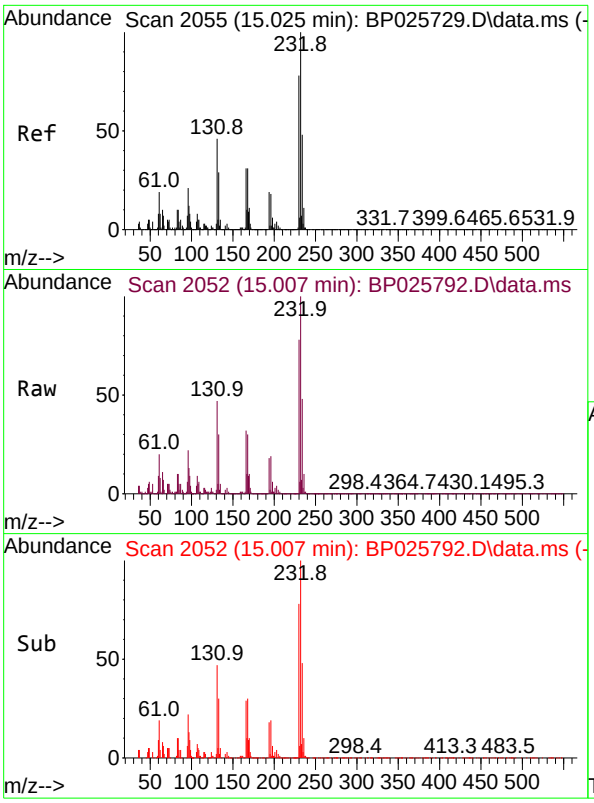


#58
Fluorene
Concen: 37.540 ng
RT: 15.431 min Scan# 2124
Delta R.T. -0.024 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:166 Resp: 1225236

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.7	116.5
167	13.3	10.6	16.0



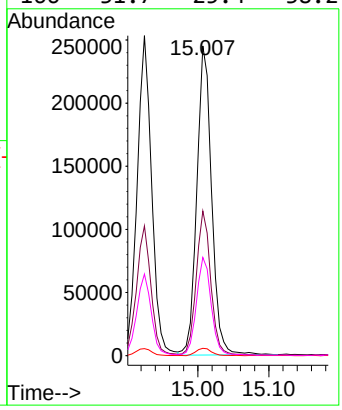


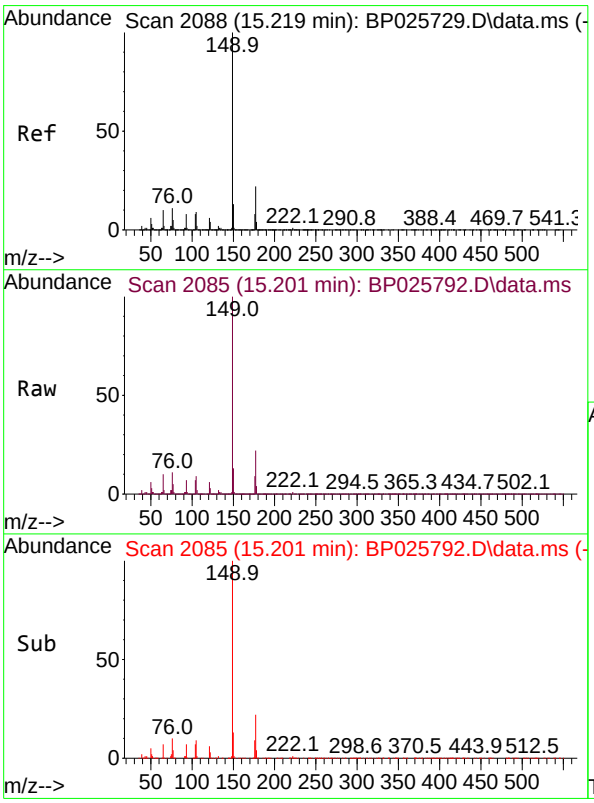
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.744 ng
RT: 15.007 min Scan# 20
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 352862

Ion	Ratio	Lower	Upper
232	100		
131	45.5	36.7	55.1
130	2.5	2.0	3.0
166	31.7	25.4	38.2

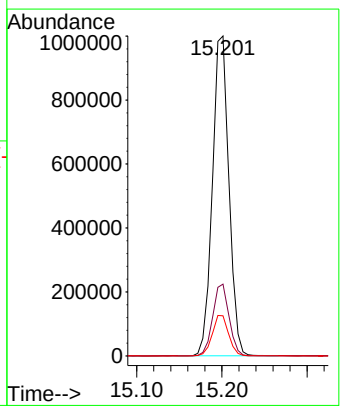


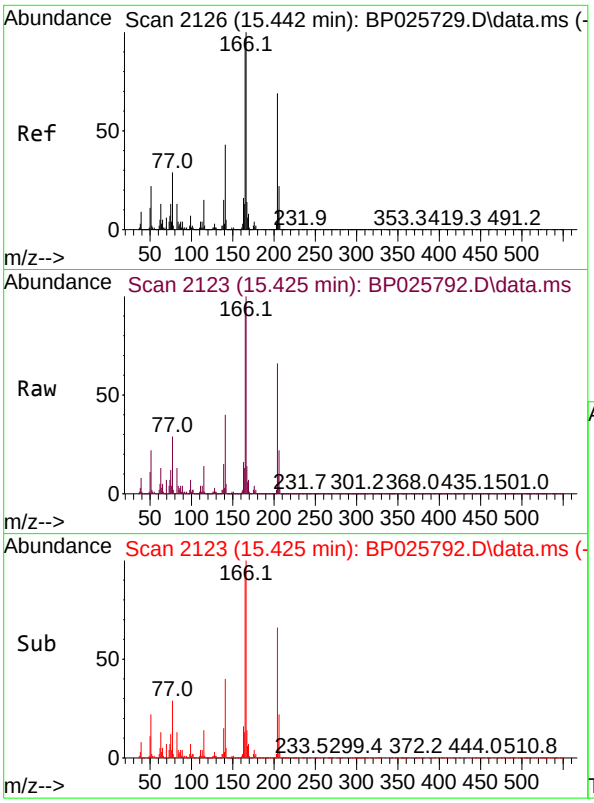


#60
Diethylphthalate
Concen: 38.120 ng
RT: 15.201 min Scan# 2085
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:149 Resp: 1346248

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.7	26.5
150	12.5	10.0	15.0



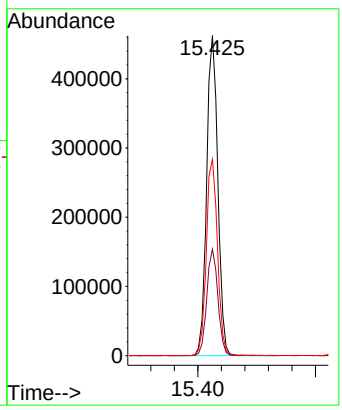


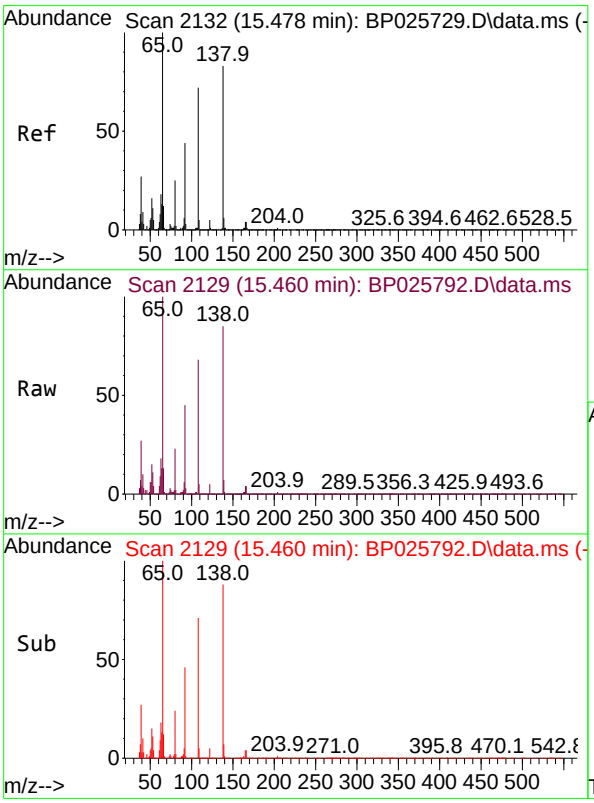
#61
4-Chlorophenyl-phenylether
Concen: 37.092 ng
RT: 15.425 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 610122

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.0	39.0
141	61.3	49.7	74.5

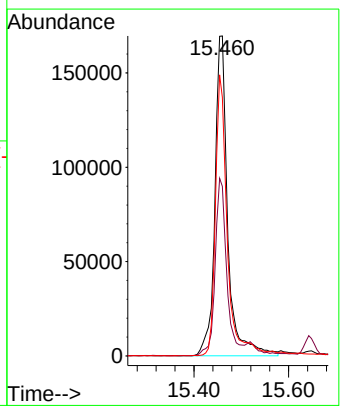


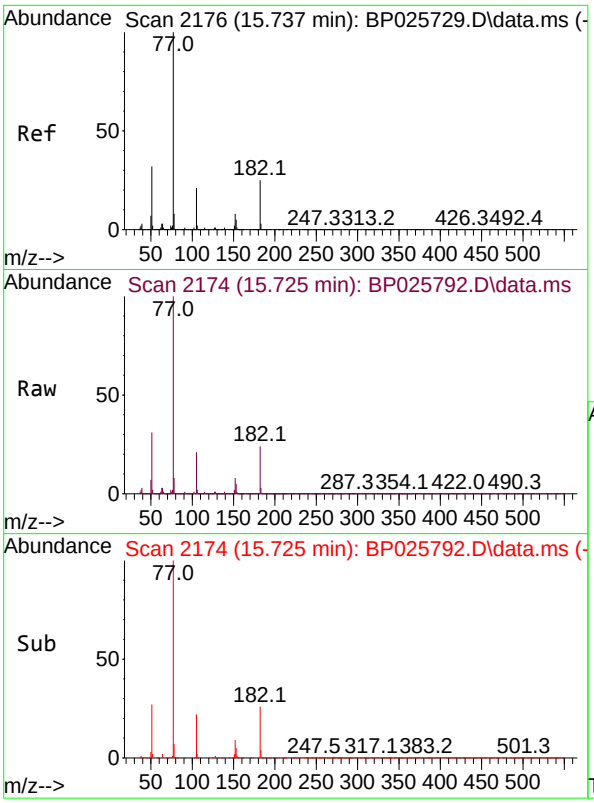


#62
4-Nitroaniline
Concen: 40.315 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:138 Resp: 320370

Ion	Ratio	Lower	Upper
138	100		
92	53.0	33.3	73.3
108	80.8	66.7	106.7



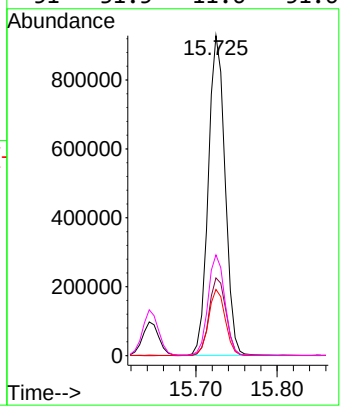


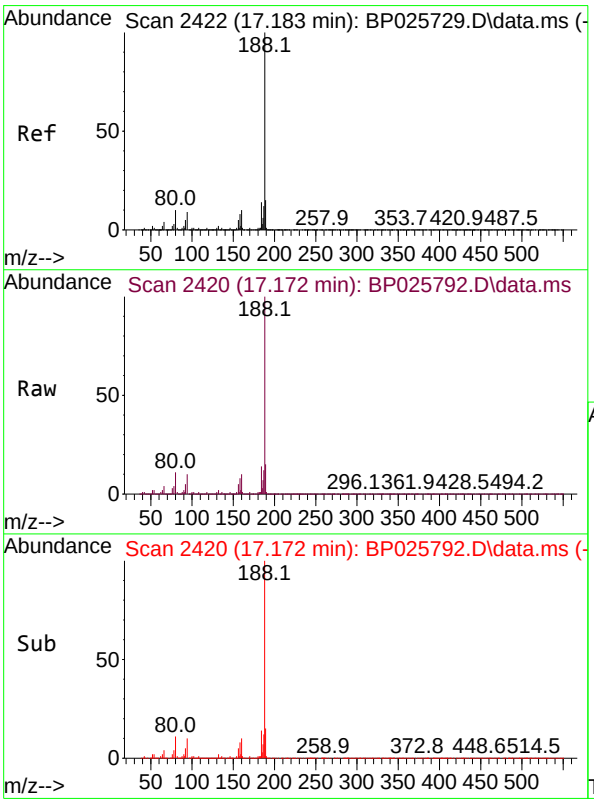
#63
Azobenzene
Concen: 38.943 ng
RT: 15.725 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1329803

Ion	Ratio	Lower	Upper
77	100		
182	24.3	5.2	45.2
105	20.7	1.1	41.1
51	31.5	11.6	51.6

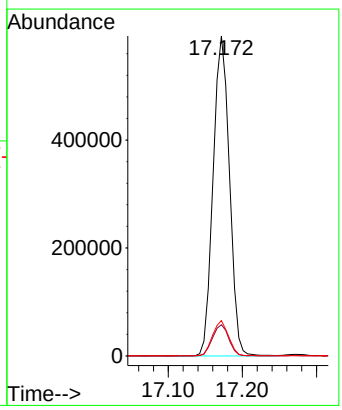


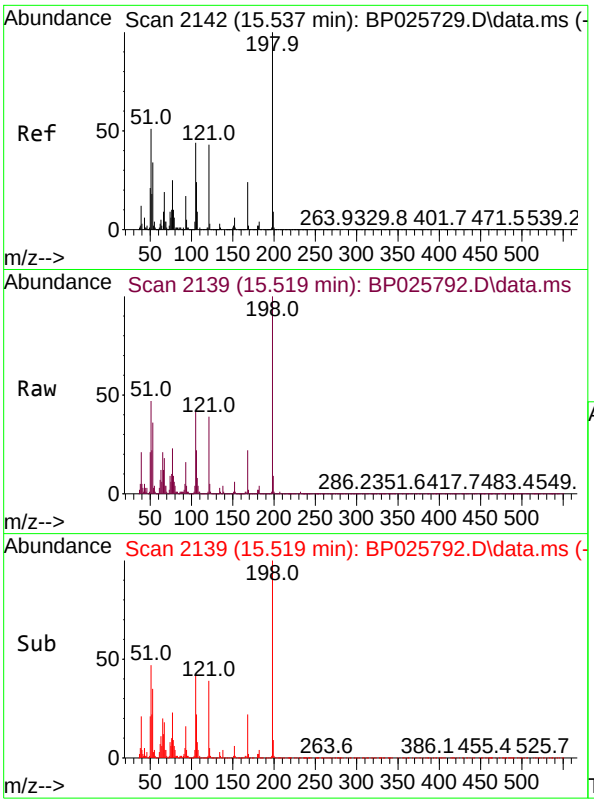


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:188 Resp: 907902

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.0
80	11.0	7.7	11.5



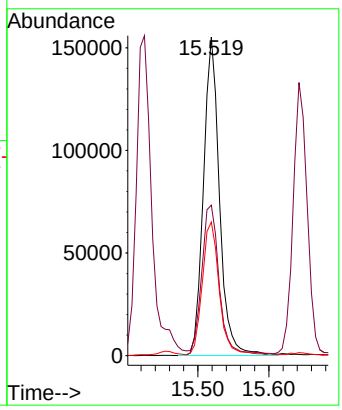


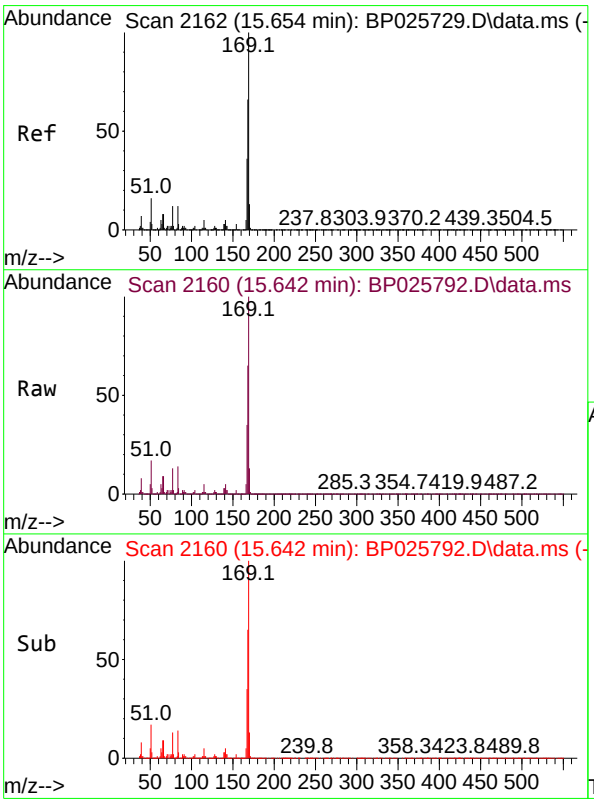
#65
4,6-Dinitro-2-methylphenol
Concen: 40.200 ng
RT: 15.519 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 242720

Ion	Ratio	Lower	Upper
198	100		
51	47.2	33.4	73.4
105	41.9	24.3	64.3

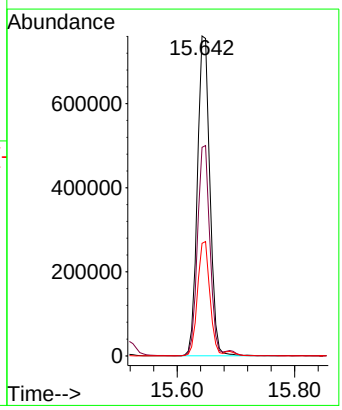


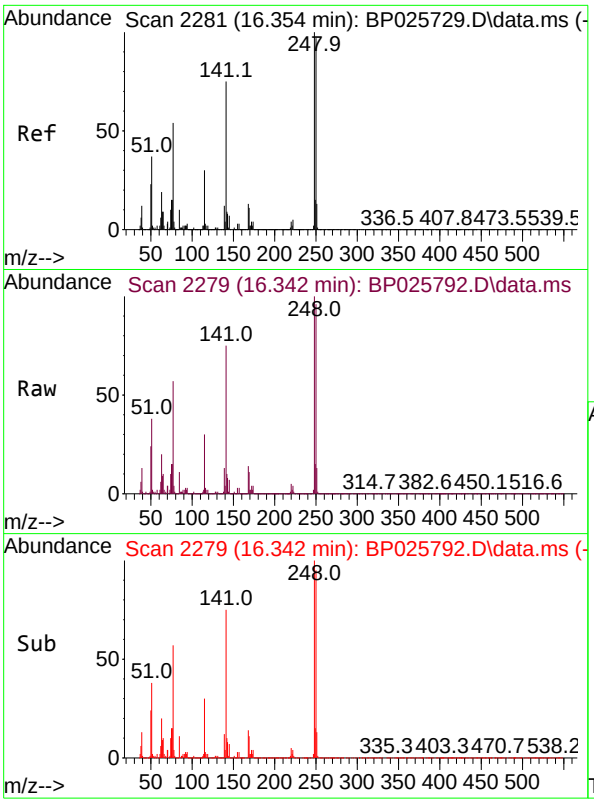


#66
n-Nitrosodiphenylamine
Concen: 40.284 ng
RT: 15.642 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:169 Resp: 1119243

Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.6	78.8
167	35.2	28.5	42.7



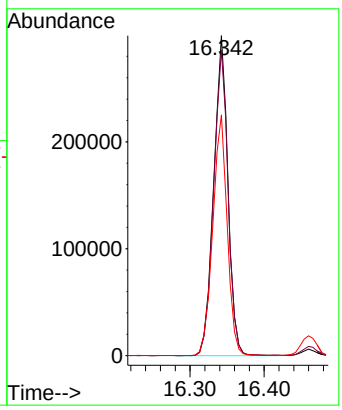


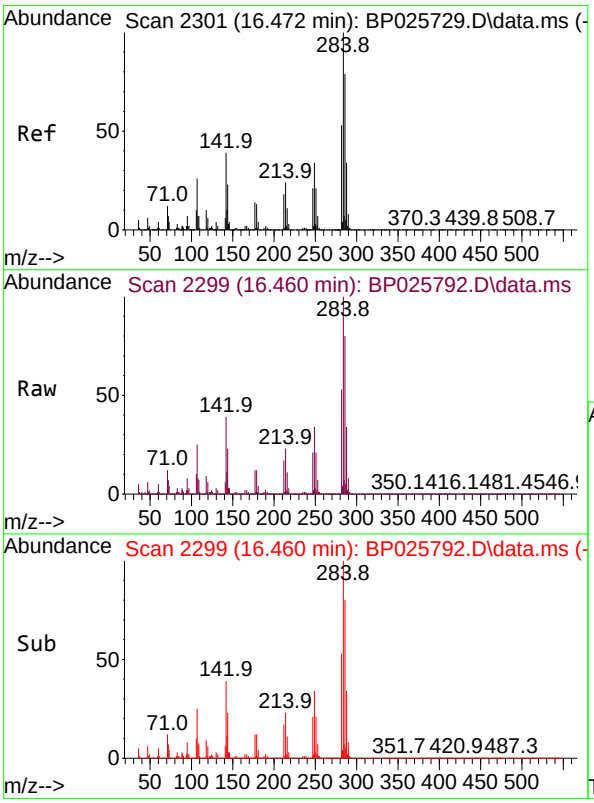
#67
4-Bromophenyl-phenylether
Concen: 40.096 ng
RT: 16.342 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 399920

Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.5	116.3
141	75.2	60.2	90.4

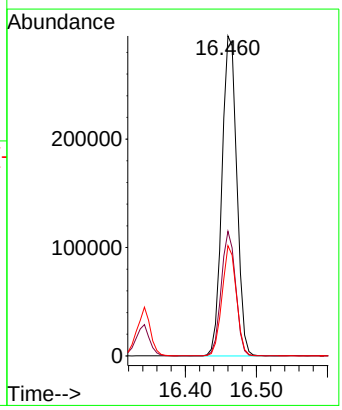


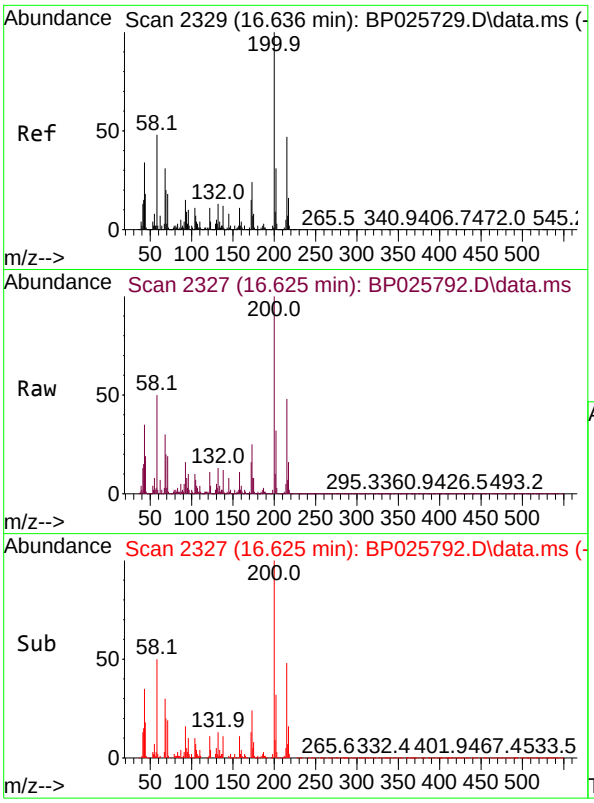


#68
Hexachlorobenzene
Concen: 38.568 ng
RT: 16.460 min Scan# 2299
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:284 Resp: 428979

Ion	Ratio	Lower	Upper
284	100		
142	38.9	31.3	46.9
249	34.4	27.3	40.9



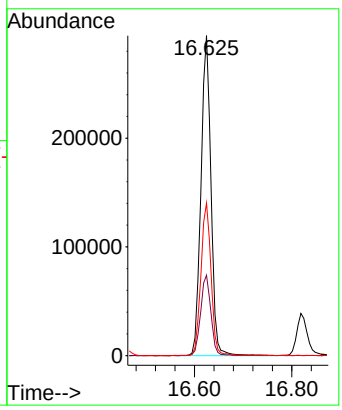


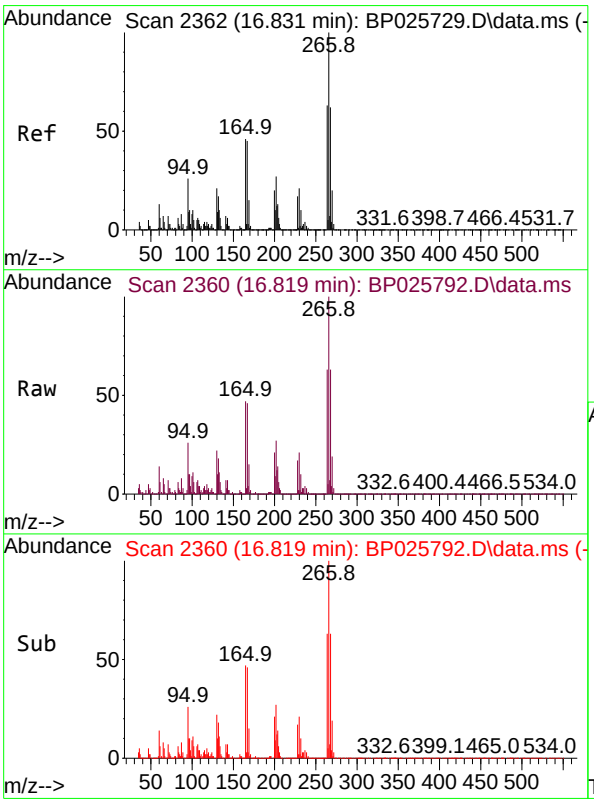
#69
Atrazine
Concen: 39.337 ng
RT: 16.625 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 417777

Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.2	44.2
215	47.7	27.3	67.3

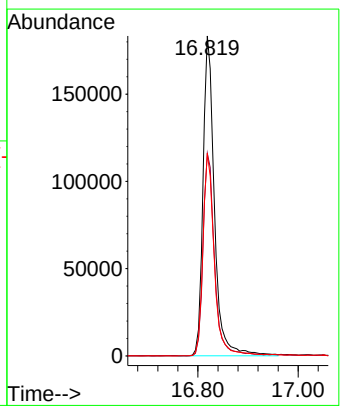


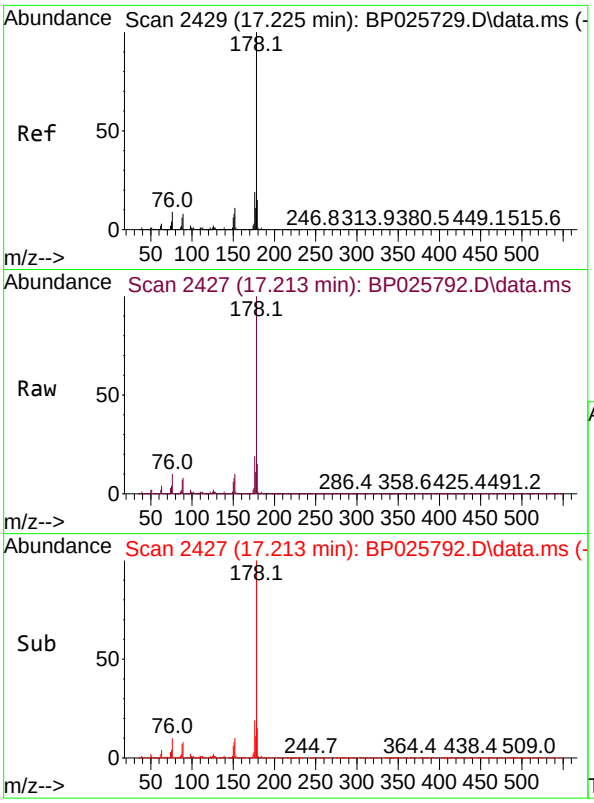


#70
Pentachlorophenol
Concen: 39.503 ng
RT: 16.819 min Scan# 2360
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:266 Resp: 289989

Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.8	74.8
264	63.3	50.2	75.2



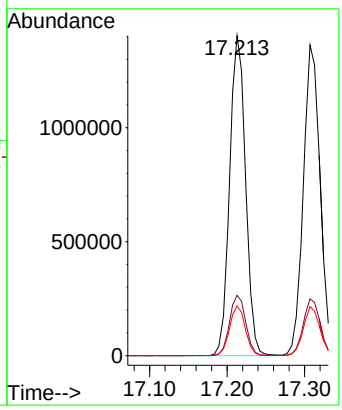


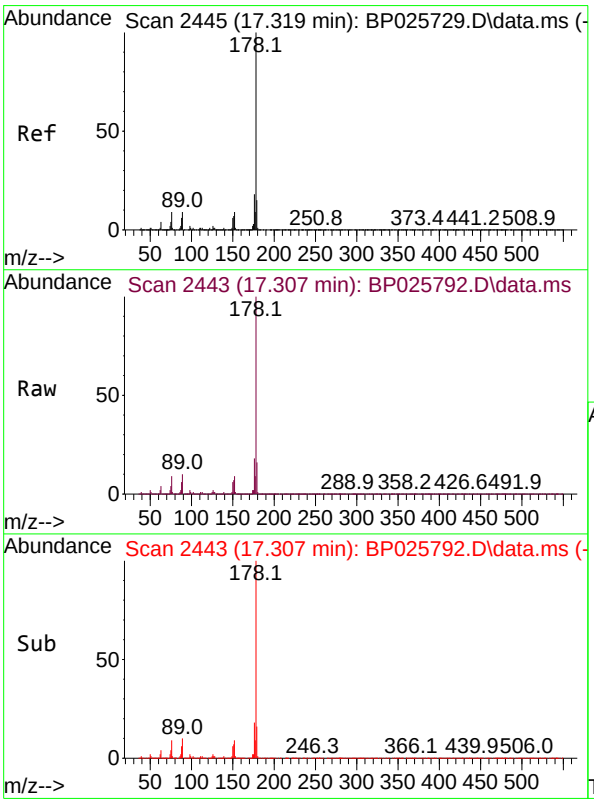
#71
Phenanthrene
Concen: 39.066 ng
RT: 17.213 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2011975

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.5	12.2	18.4

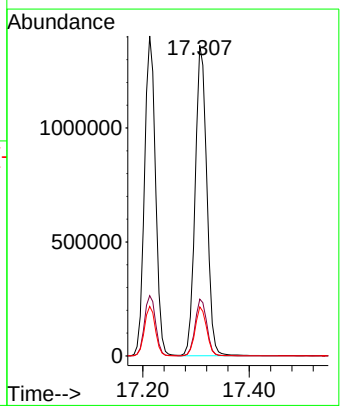


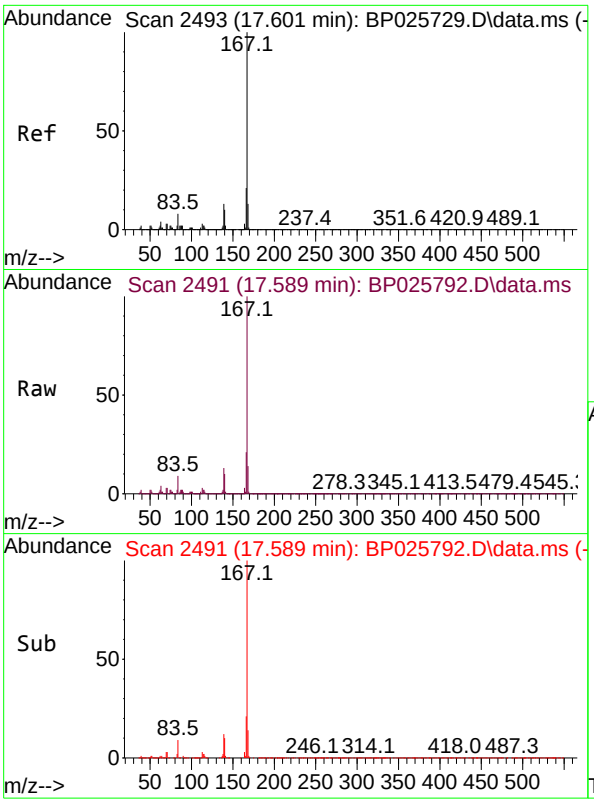


#72
Anthracene
Concen: 39.581 ng
RT: 17.307 min Scan# 2443
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:178 Resp: 2068305

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.8	12.2	18.4



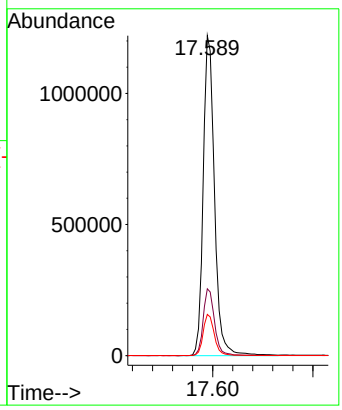


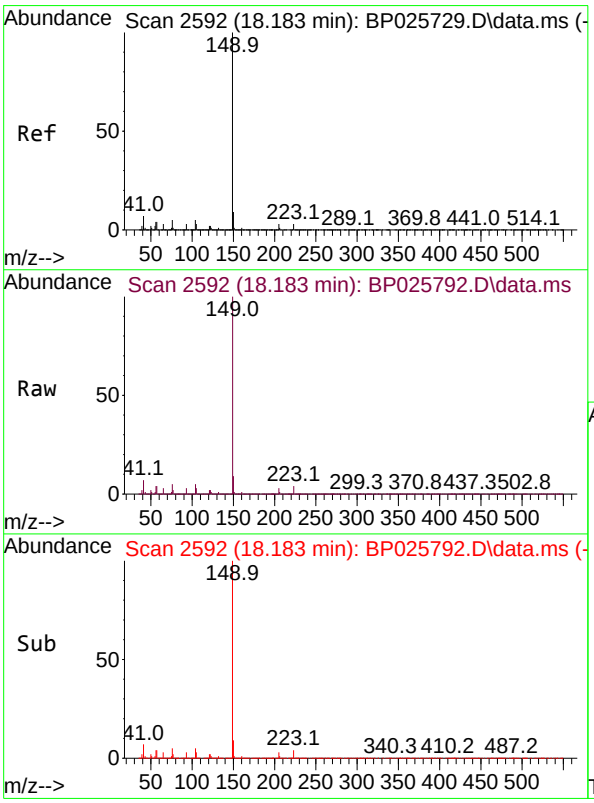
#73
Carbazole
Concen: 39.347 ng
RT: 17.589 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 1911519

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.4
139	12.9	10.6	16.0

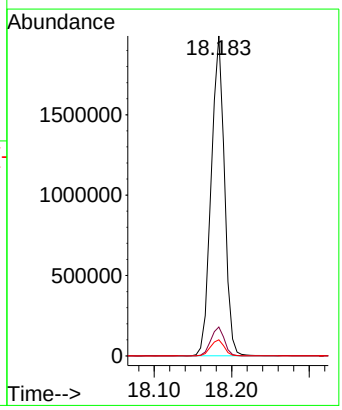


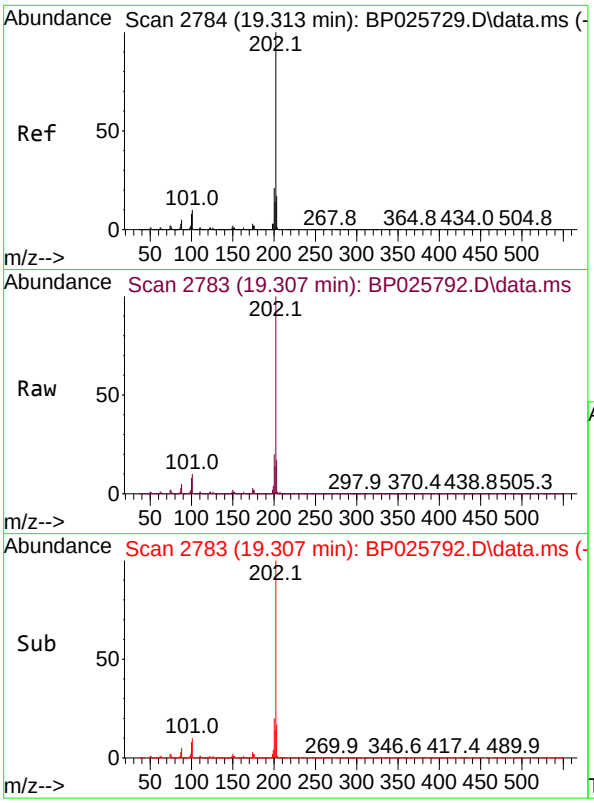


#74
Di-n-butylphthalate
Concen: 39.719 ng
RT: 18.183 min Scan# 2592
Delta R.T. -0.000 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:149 Resp: 2367988

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.0	4.3	6.5



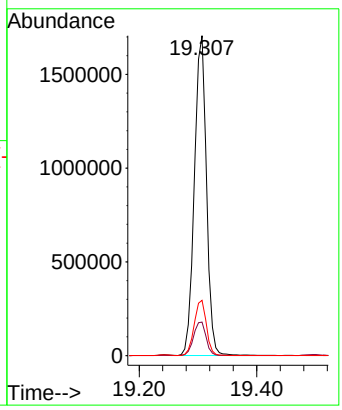


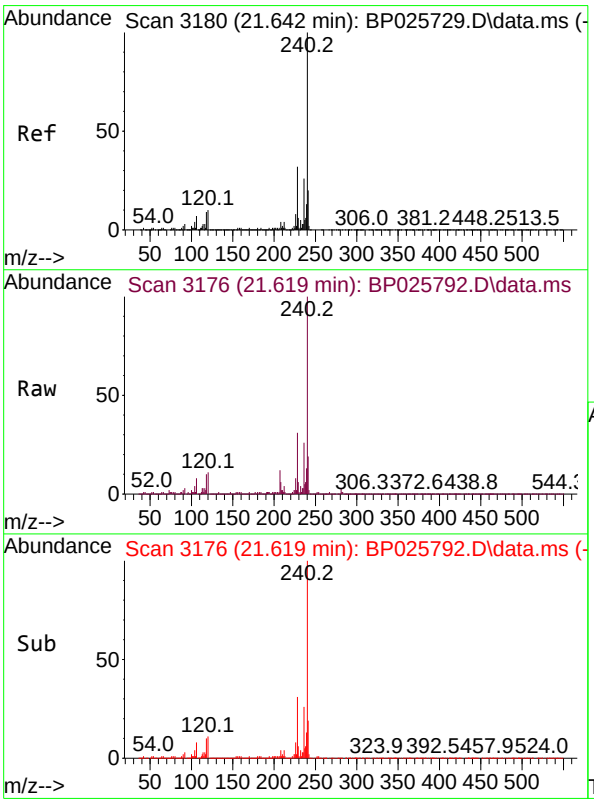
#75
Fluoranthene
Concen: 39.367 ng
RT: 19.307 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 2431574

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.4
203	17.3	0.0	37.4

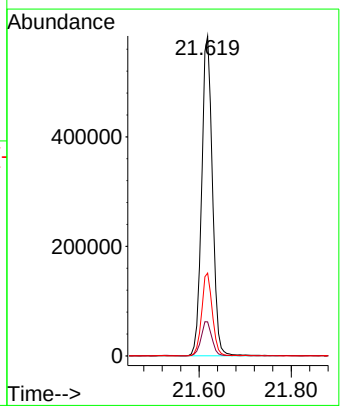


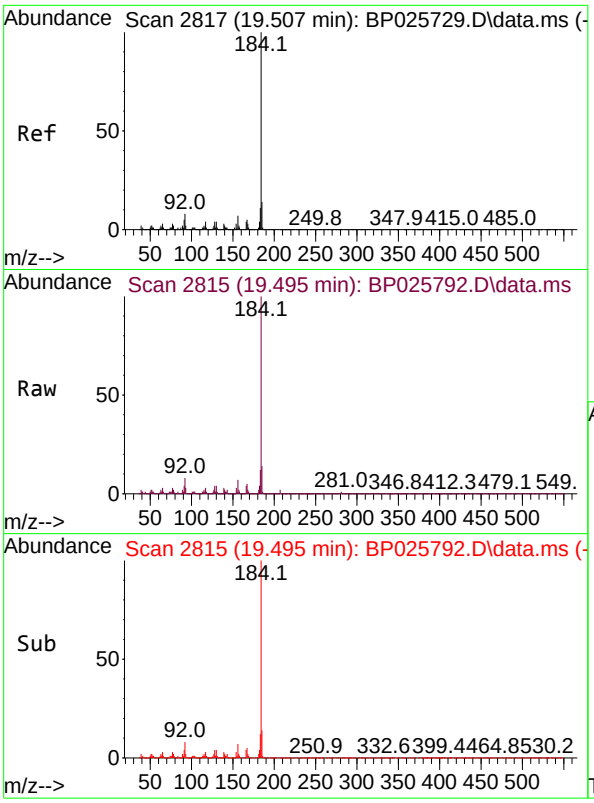


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.619 min Scan# 3176
Delta R.T. -0.024 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:240 Resp: 942075

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.0	12.0
236	25.9	20.7	31.1



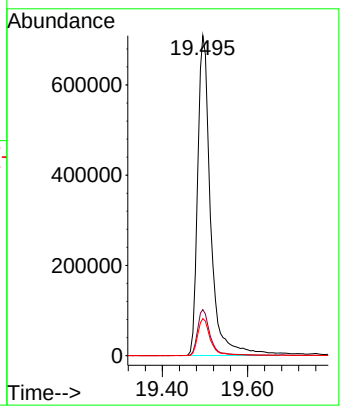


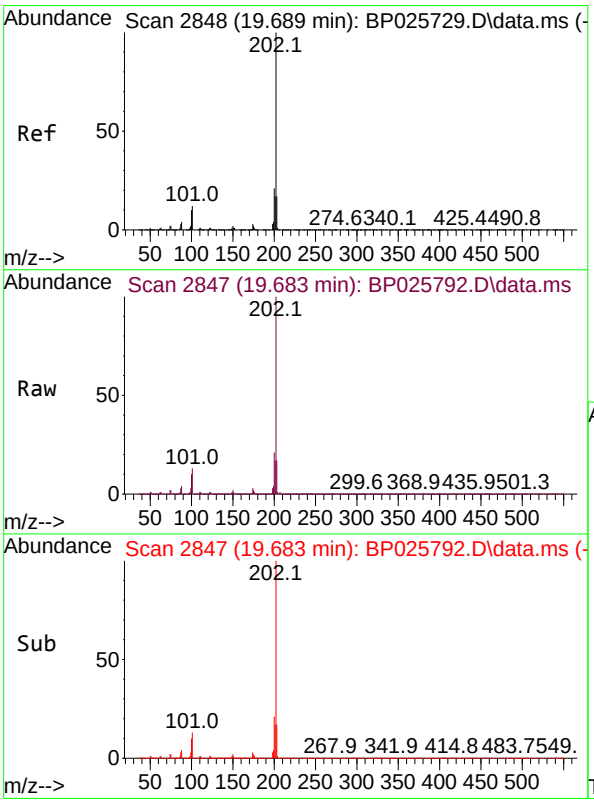
#77
Benzidine
Concen: 55.316 ng
RT: 19.495 min Scan# 28
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1501103

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.6	9.2	13.8

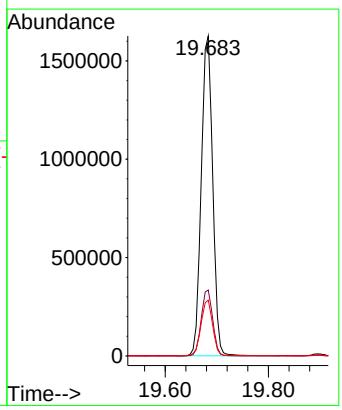


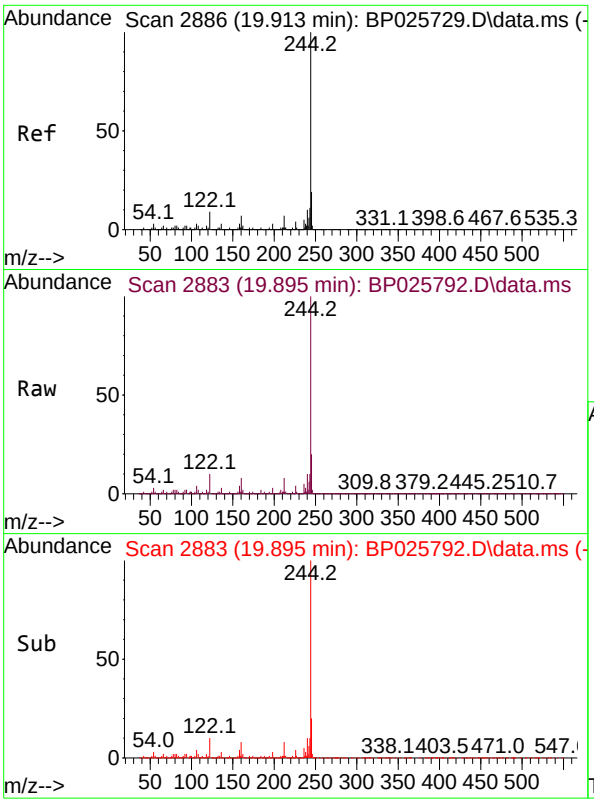


#78
Pyrene
Concen: 39.712 ng
RT: 19.683 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:202 Resp: 2496299

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.6
203	17.4	13.9	20.9



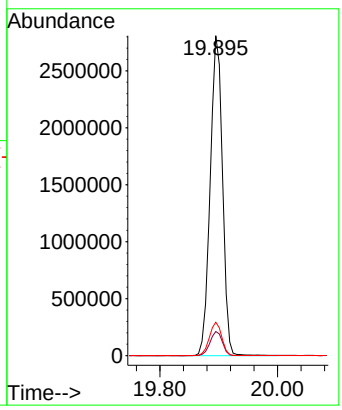


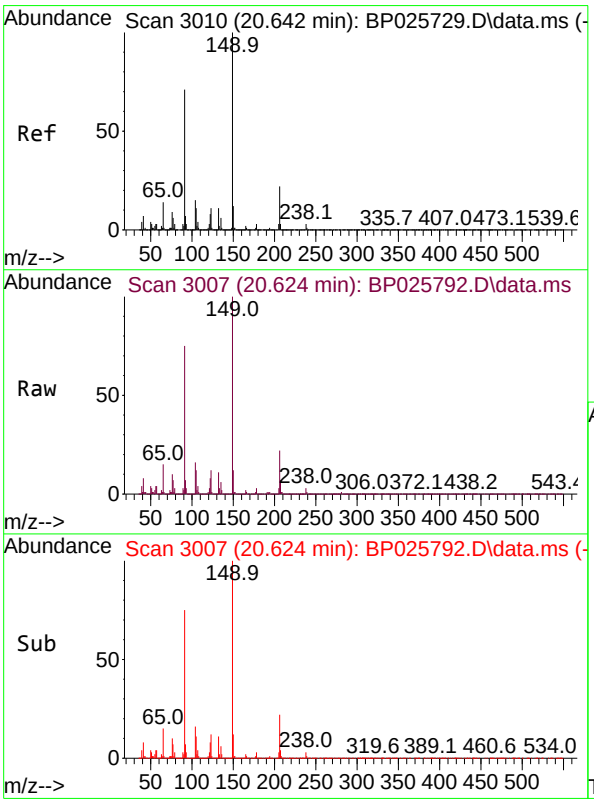
#79
Terphenyl-d14
Concen: 77.731 ng
RT: 19.895 min Scan# 28
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 4070528

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.4	7.1	10.7

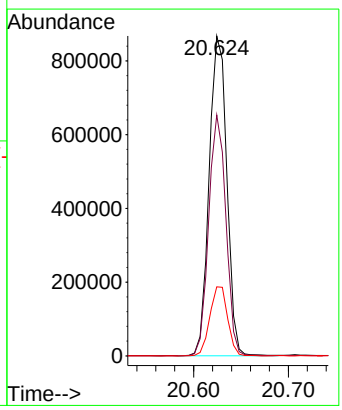


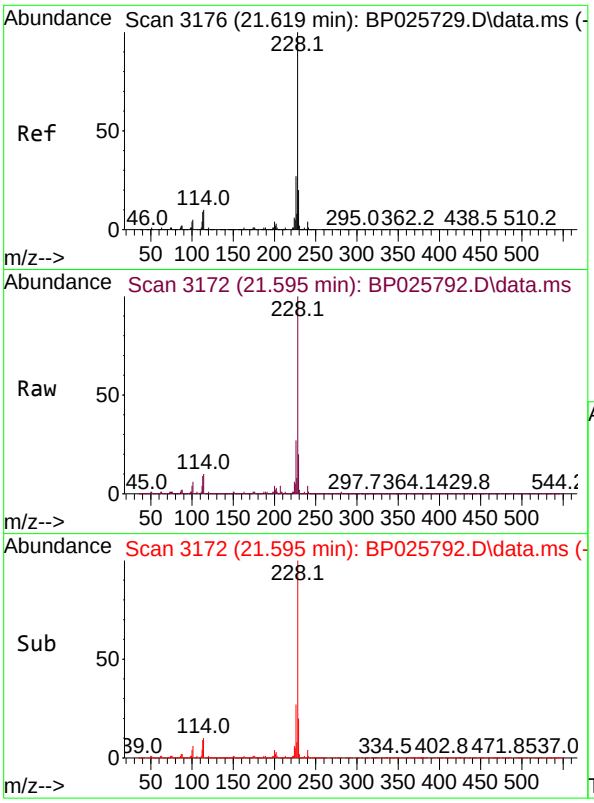


#80
Butylbenzylphthalate
Concen: 40.866 ng
RT: 20.624 min Scan# 3007
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:149 Resp: 1126336

Ion	Ratio	Lower	Upper
149	100		
91	75.3	56.6	85.0
206	21.6	17.4	26.0



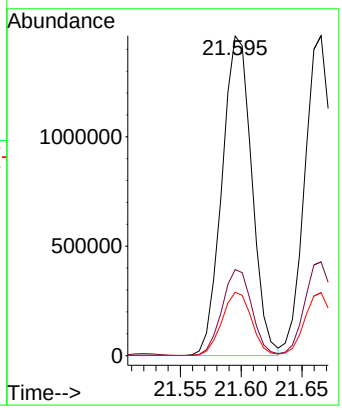


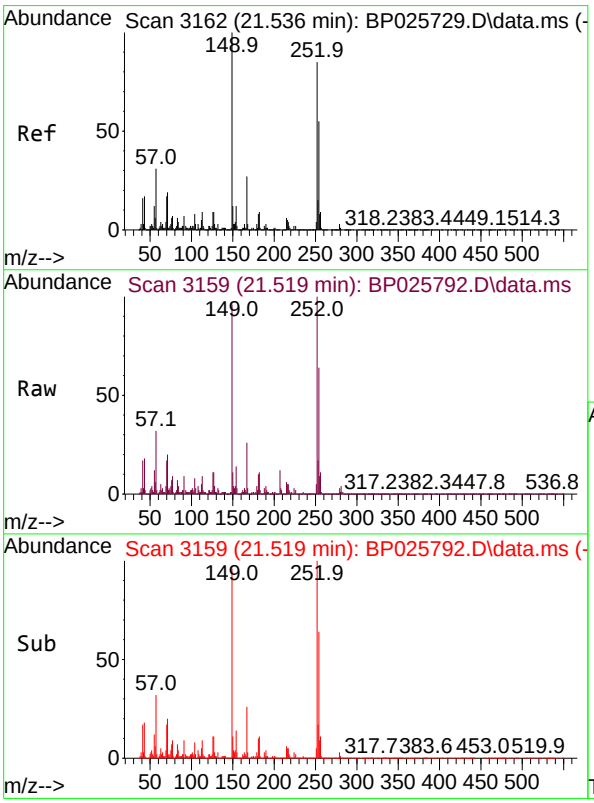
#81
Benzo(a)anthracene
Concen: 38.509 ng
RT: 21.595 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2483673

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.6	32.4
229	19.8	15.7	23.5

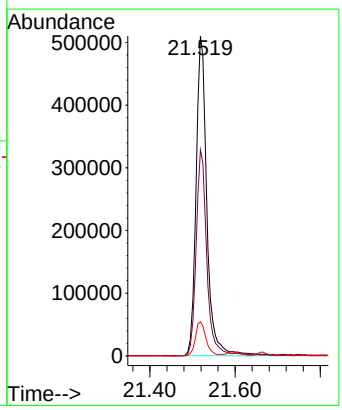


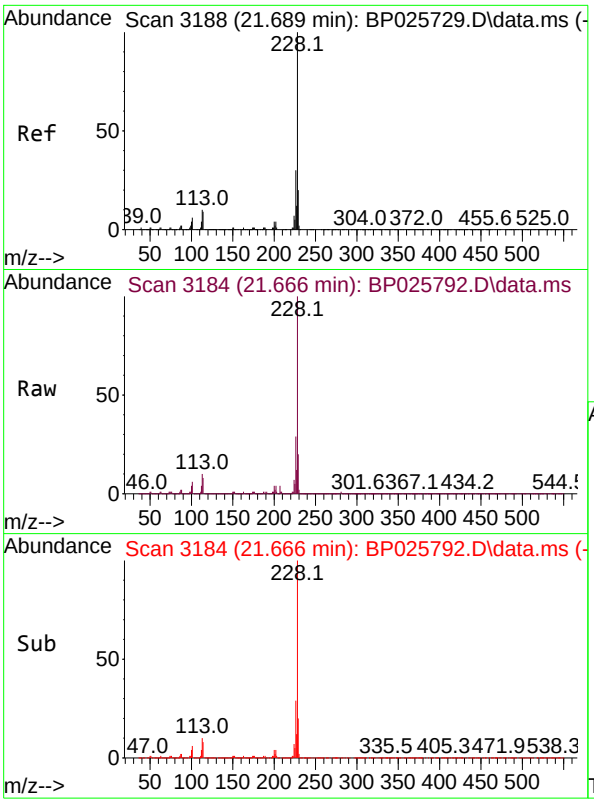


#82
3,3'-Dichlorobenzidine
Concen: 40.250 ng
RT: 21.519 min Scan# 3159
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:252 Resp: 897608

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.4	77.0
126	10.6	8.3	12.5



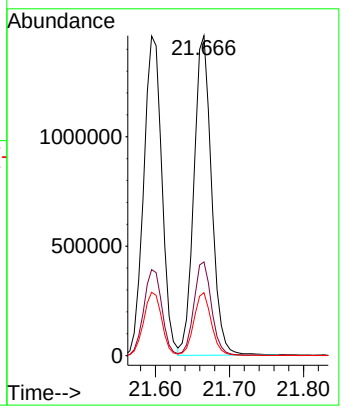


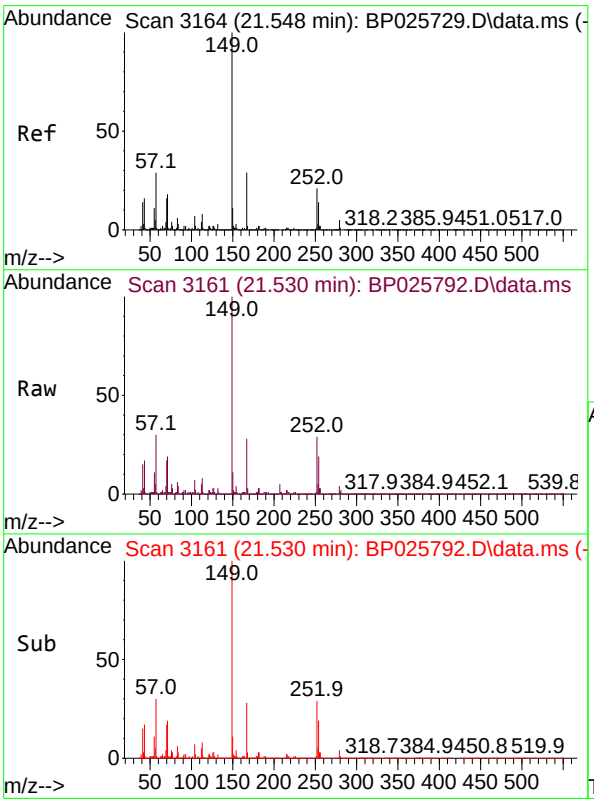
#83
Chrysene
Concen: 39.195 ng
RT: 21.666 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2409723

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	19.7	15.6	23.4

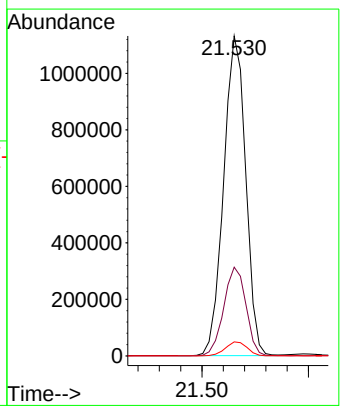


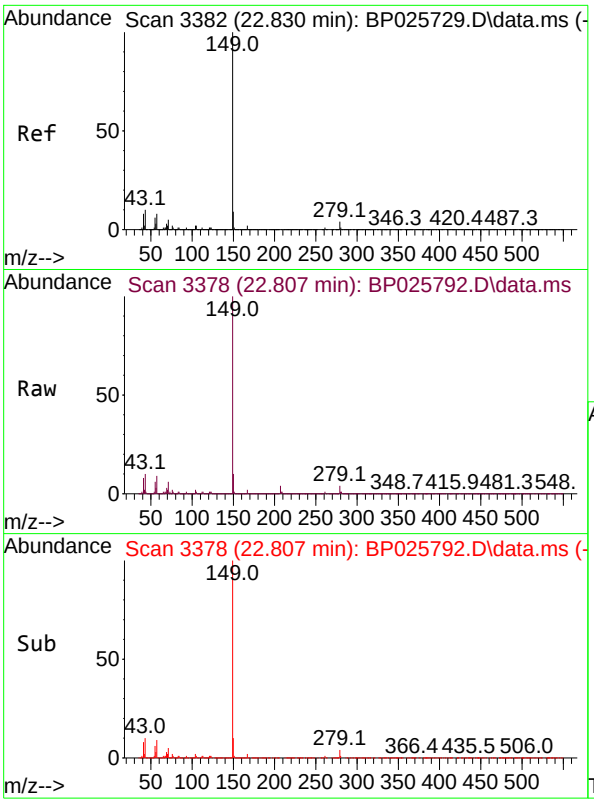


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.386 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:149 Resp: 1628520

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.9	34.3
279	4.4	3.8	5.8



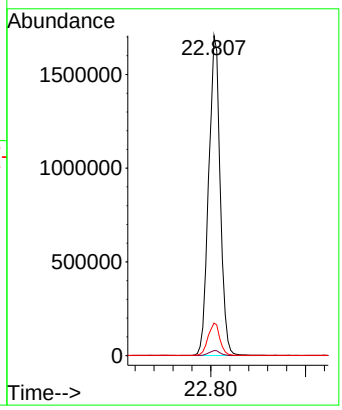


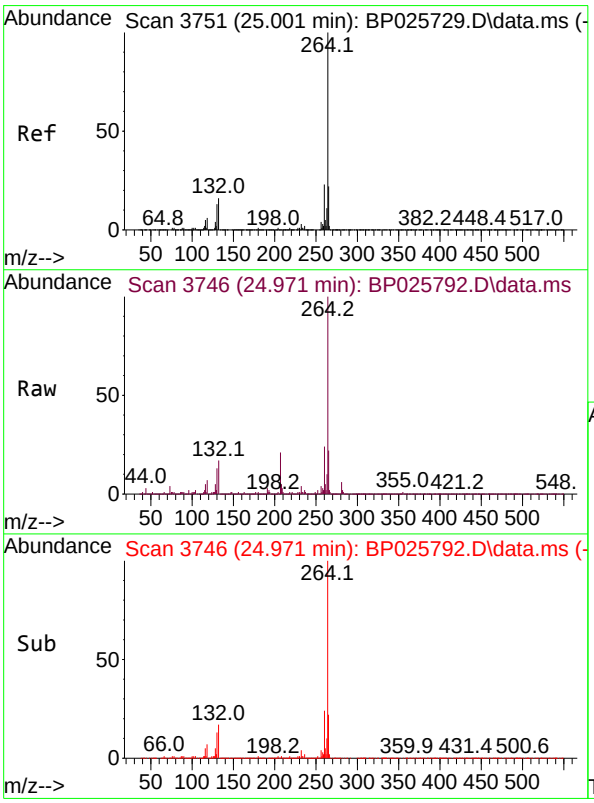
#85
Di-n-octyl phthalate
Concen: 40.032 ng
RT: 22.807 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 2871445

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.4	8.0	12.0

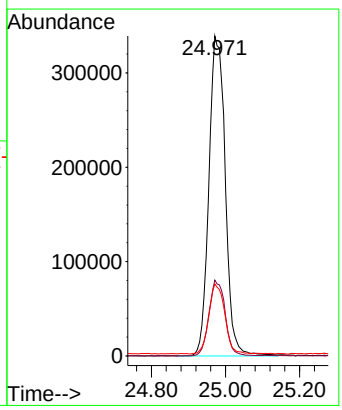


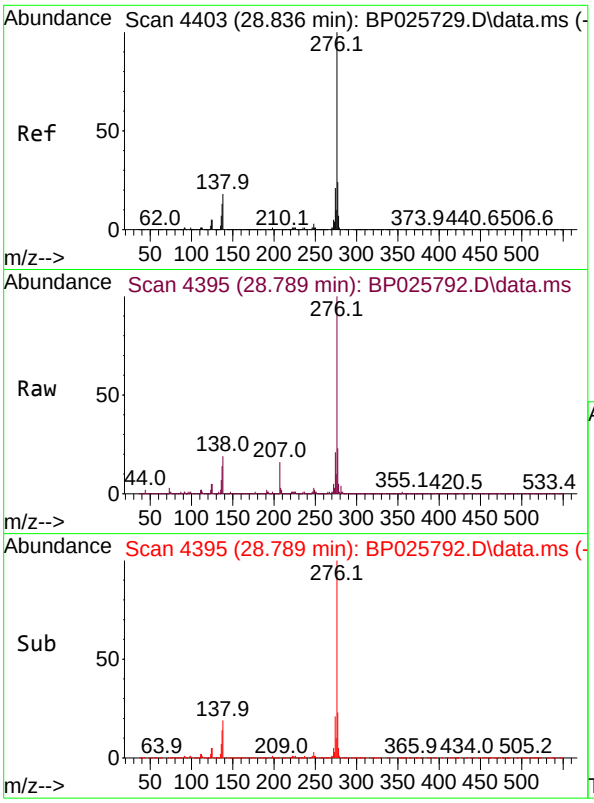


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.971 min Scan# 3746
Delta R.T. -0.029 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:264 Resp: 1041355

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	22.5	17.3	25.9



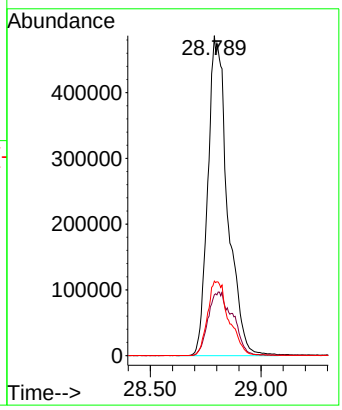


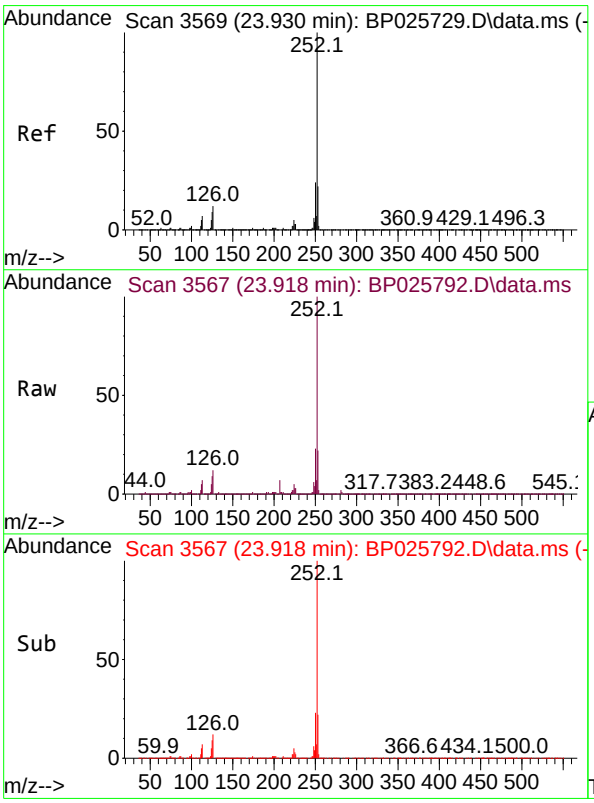
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.842 ng
RT: 28.789 min Scan# 4
Delta R.T. -0.047 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 3017238

Ion	Ratio	Lower	Upper
276	100		
138	24.8	13.4	20.2#
277	25.0	9.1	13.7#

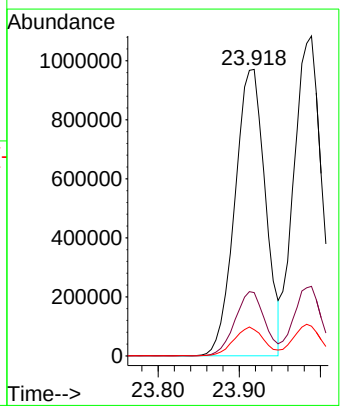


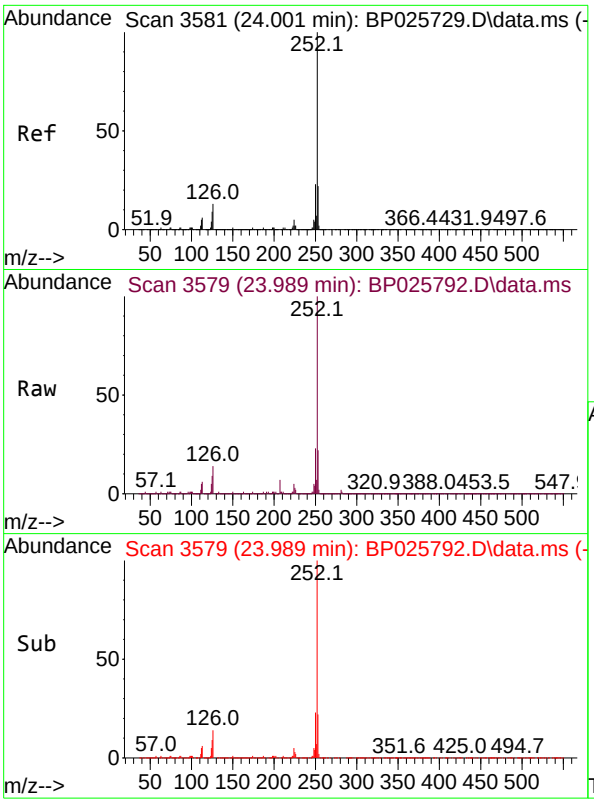


#88
Benzo(b)fluoranthene
Concen: 39.701 ng
RT: 23.918 min Scan# 3567
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:252 Resp: 2528190

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.2	7.3	10.9



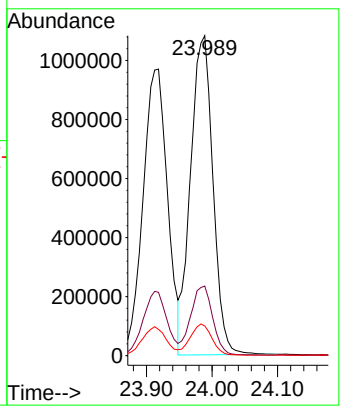


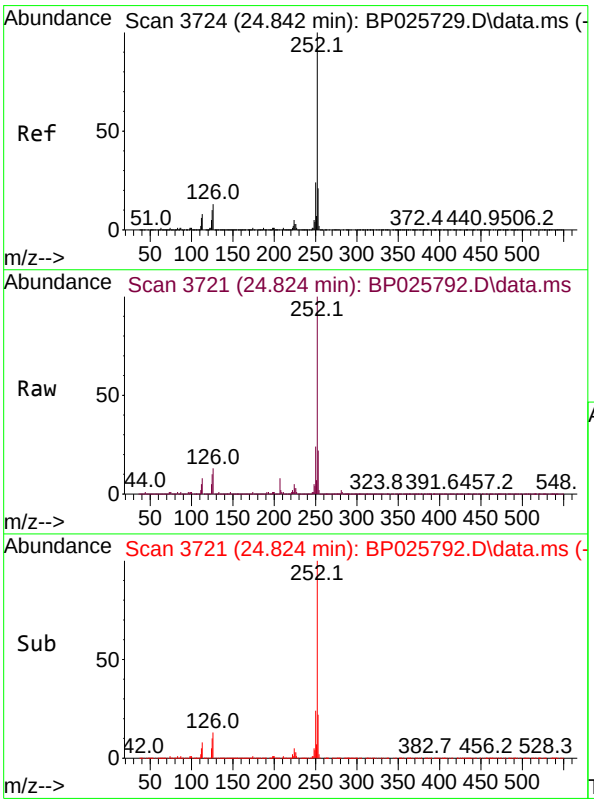
#89
Benzo(k)fluoranthene
Concen: 39.480 ng
RT: 23.989 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2565509

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	9.3	7.5	11.3

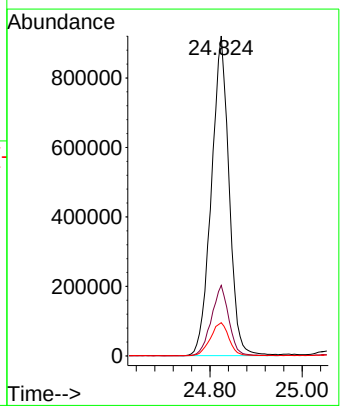


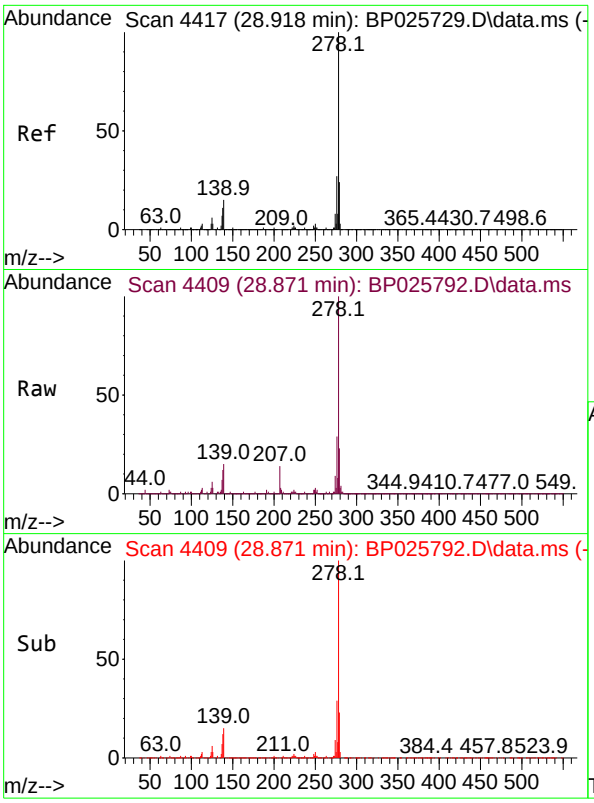


#90
Benzo(a)pyrene
Concen: 39.359 ng
RT: 24.824 min Scan# 3721
Delta R.T. -0.018 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:252 Resp: 2454556

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.4	8.3	12.5



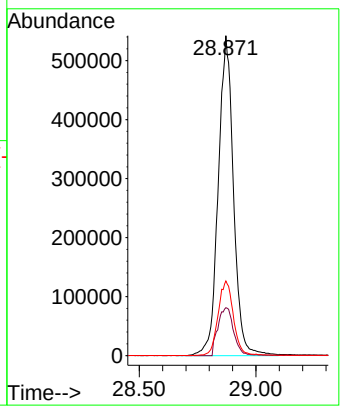


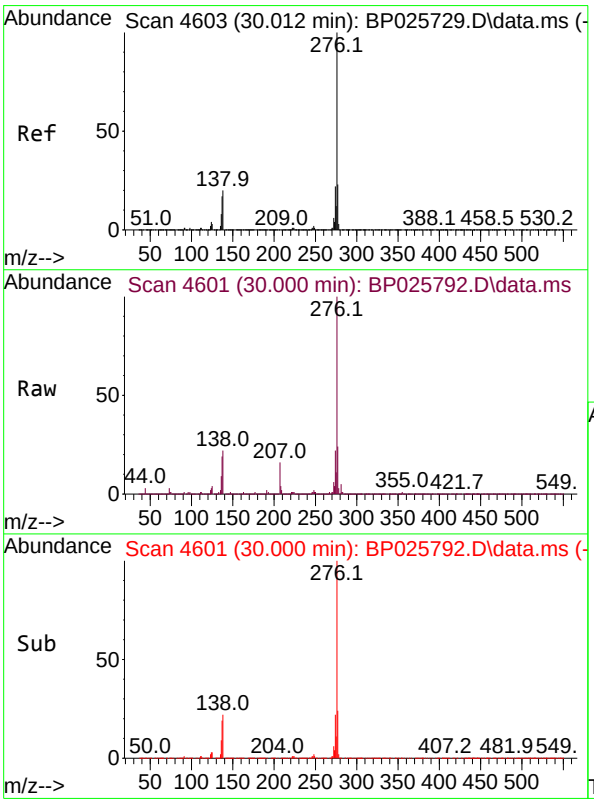
#91
Dibenzo(a,h)anthracene
Concen: 39.730 ng
RT: 28.871 min Scan# 44
Delta R.T. -0.047 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2462140

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.1	18.1
279	23.3	19.6	29.4

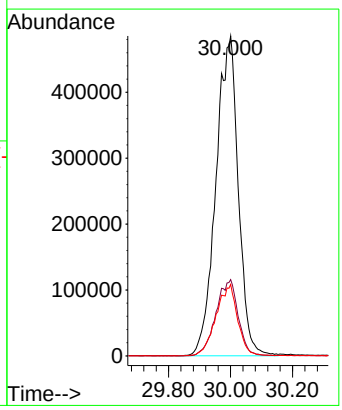




#92
Benzo(g,h,i)perylene
Concen: 39.895 ng
RT: 30.000 min Scan# 4601
Delta R.T. -0.012 min
Lab File: BP025792.D
Acq: 19 Sep 2025 10:12

Tgt Ion:276 Resp: 2431400

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	22.3	16.0	24.0



Sample Results: **BP025792.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	126	-0.01
2		1,4-Dioxane	40.000	39.952	0.1	120	0.00
3		Pyridine	40.000	38.705	3.2	112	0.00
4		n-Nitrosodimethylamine	40.000	38.684	3.3	114	0.00
5	S	2-Fluorophenol	80.000	79.231	1.0	114	-0.01
6		Aniline	40.000	37.221	6.9	106	-0.01
7	S	Phenol-d6	80.000	75.828	5.2	106	-0.01
8		2-Chlorophenol	40.000	38.530	3.7	109	-0.01
9		Benzaldehyde	40.000	43.148	-7.9	153	-0.01
10	C	Phenol	40.000	38.015	5.0	106	-0.01
11		bis(2-Chloroethyl)ether	40.000	38.164	4.6	108	0.00
12		1,3-Dichlorobenzene	40.000	38.204	4.5	111	-0.01
13	C	1,4-Dichlorobenzene	40.000	38.127	4.7	112	0.00
14		1,2-Dichlorobenzene	40.000	37.811	5.5	110	-0.01
15		Benzyl Alcohol	40.000	36.068	9.8	102	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	39.257	1.9	113	-0.01
17		2-Methylphenol	40.000	37.711	5.7	106	-0.01
18		Hexachloroethane	40.000	39.006	2.5	114	-0.01
19	P	n-Nitroso-di-n-propylamine	40.000	36.843	7.9	101	-0.01
20		3+4-Methylphenols	40.000	35.779	10.6	102	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	115	-0.01
22		Acetophenone	40.000	39.137	2.2	102	-0.01
23	S	Nitrobenzene-d5	80.000	78.670	1.7	103	-0.01
24		Nitrobenzene	40.000	39.552	1.1	103	-0.02
25		Isophorone	40.000	38.025	4.9	101	0.00
26	C	2-Nitrophenol	40.000	40.443	-1.1	104	-0.01
27		2,4-Dimethylphenol	40.000	39.403	1.5	101	-0.01
28		bis(2-Chloroethoxy)methane	40.000	39.943	0.1	106	-0.02
29	C	2,4-Dichlorophenol	40.000	39.341	1.6	102	0.00
30		1,2,4-Trichlorobenzene	40.000	39.231	1.9	106	-0.01
31		Naphthalene	40.000	38.441	3.9	104	-0.02
32		Benzoic acid	40.000	35.967	10.1	93	-0.01
33		4-Chloroaniline	40.000	39.073	2.3	99	-0.01
34	C	Hexachlorobutadiene	40.000	38.118	4.7	104	-0.02
35		Caprolactam	40.000	35.486	11.3	94	-0.02
36	C	4-Chloro-3-methylphenol	40.000	37.706	5.7	99	-0.01
37		2-Methylnaphthalene	40.000	37.729	5.7	101	-0.01
38		1-Methylnaphthalene	40.000	37.567	6.1	100	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	109	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	40.046	-0.1	100	-0.01
41	P	Hexachlorocyclopentadiene	40.000	39.223	1.9	93	-0.01
42	S	2,4,6-Tribromophenol	80.000	74.900	6.4	92	-0.02
43	C	2,4,6-Trichlorophenol	40.000	40.566	-1.4	99	-0.02
44		2,4,5-Trichlorophenol	40.000	40.071	-0.2	97	-0.01
45	S	2-Fluorobiphenyl	80.000	78.397	2.0	101	-0.01
46		1,1'-Biphenyl	40.000	40.269	-0.7	102	-0.01
47		2-Chloronaphthalene	40.000	39.436	1.4	100	-0.02

Sample Results: **BP025792.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	40.246	-0.6	96	-0.02
49		Acenaphthylene	40.000	38.596	3.5	98	-0.02
50		Dimethylphthalate	40.000	38.208	4.5	96	-0.02
51		2,6-Dinitrotoluene	40.000	40.422	-1.1	100	-0.02
52	C	Acenaphthene	40.000	38.287	4.3	97	-0.02
53		3-Nitroaniline	40.000	39.873	0.3	94	-0.02
54	P	2,4-Dinitrophenol	40.000	36.669	8.3	93	-0.02
55		Dibenzofuran	40.000	38.029	4.9	97	-0.02
56	P	4-Nitrophenol	40.000	35.879	10.3	87	0.00
57		2,4-Dinitrotoluene	40.000	39.739	0.7	96	-0.01
58		Fluorene	40.000	37.540	6.2	95	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	38.744	3.1	95	-0.02
60		Diethylphthalate	40.000	38.120	4.7	98	-0.02
61		4-Chlorophenyl-phenylether	40.000	37.092	7.3	95	-0.02
62		4-Nitroaniline	40.000	40.315	-0.8	95	-0.02
63		Azobenzene	40.000	38.943	2.6	97	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	104	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	40.200	-0.5	93	-0.02
66	c	n-Nitrosodiphenylamine	40.000	40.284	-0.7	97	-0.01
67		4-Bromophenyl-phenylether	40.000	40.096	-0.2	97	-0.01
68		Hexachlorobenzene	40.000	38.568	3.6	95	-0.01
69		Atrazine	40.000	39.337	1.7	93	-0.01
70	C	Pentachlorophenol	40.000	39.503	1.2	93	-0.01
71		Phenanthrene	40.000	39.066	2.3	95	-0.01
72		Anthracene	40.000	39.581	1.0	96	-0.01
73		Carbazole	40.000	39.347	1.6	94	-0.01
74		Di-n-butylphthalate	40.000	39.719	0.7	95	0.00
75	C	Fluoranthene	40.000	39.367	1.6	97	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	102	-0.02
77		Benzidine	40.000	55.316	-38.3#	124	-0.01
78		Pyrene	40.000	39.712	0.7	94	0.00
79	S	Terphenyl-d14	80.000	77.731	2.8	93	-0.02
80		Butylbenzylphthalate	40.000	40.866	-2.2	94	-0.02
81		Benzo(a)anthracene	40.000	38.509	3.7	92	-0.02
82		3,3'-Dichlorobenzidine	40.000	40.250	-0.6	93	-0.02
83		Chrysene	40.000	39.195	2.0	95	-0.02
84		Bis(2-ethylhexyl)phthalate	40.000	40.386	-1.0	93	-0.02
85	c	Di-n-octyl phthalate	40.000	40.032	-0.1	93	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	104	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	39.842	0.4	94	-0.05
88		Benzo(b)fluoranthene	40.000	39.701	0.7	95	-0.01
89		Benzo(k)fluoranthene	40.000	39.480	1.3	96	-0.01
90	C	Benzo(a)pyrene	40.000	39.359	1.6	94	-0.02
91		Dibenzo(a,h)anthracene	40.000	39.730	0.7	95	-0.05
92		Benzo(g,h,i)perylene	40.000	39.895	0.3	96	-0.01

Sample Results: **BP025792.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BP025792.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	126	-0.01
2		1,4-Dioxane	0.520	0.520	0.0	120	0.00
3		Pyridine	1.432	1.386	3.2	112	0.00
4		n-Nitrosodimethylamine	0.676	0.654	3.3	114	0.00
5	S	2-Fluorophenol	1.240	1.228	1.0	114	-0.01
6		Aniline	2.262	2.104	7.0	106	-0.01
7	S	Phenol-d6	1.648	1.562	5.2	106	-0.01
8		2-Chlorophenol	1.360	1.310	3.7	109	-0.01
9		Benzaldehyde	0.987	1.065	-7.9	153#	-0.01
10	C	Phenol	1.737	1.651	5.0	106	-0.01
11		bis(2-Chloroethyl)ether	1.396	1.332	4.6	108	0.00
12		1,3-Dichlorobenzene	1.548	1.478	4.5	111	-0.01
13	C	1,4-Dichlorobenzene	1.576	1.503	4.6	112	0.00
14		1,2-Dichlorobenzene	1.531	1.448	5.4	110	-0.01
15		Benzyl Alcohol	1.361	1.228	9.8	102	-0.01
16		2,2'-oxybis(1-Chloropropane	2.282	2.240	1.8	113	-0.01
17		2-Methylphenol	1.171	1.104	5.7	106	-0.01
18		Hexachloroethane	0.602	0.587	2.5	114	-0.01
19	P	n-Nitroso-di-n-propylamine	1.149	1.058	7.9	101	-0.01
20		3+4-Methylphenols	1.640	1.467	10.5	102	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	115	-0.01
22		Acetophenone	0.534	0.523	2.1	102	-0.01
23	S	Nitrobenzene-d5	0.453	0.446	1.5	103	-0.01
24		Nitrobenzene	0.407	0.402	1.2	103	-0.02
25		Isophorone	0.797	0.758	4.9	101	0.00
26	C	2-Nitrophenol	0.181	0.183	-1.1	104	-0.01
27		2,4-Dimethylphenol	0.317	0.312	1.6	101	-0.01
28		bis(2-Chloroethoxy)methane	0.461	0.460	0.2	106	-0.02
29	C	2,4-Dichlorophenol	0.316	0.311	1.6	102	0.00
30		1,2,4-Trichlorobenzene	0.356	0.349	2.0	106	-0.01
31		Naphthalene	1.078	1.036	3.9	104	-0.02
32		Benzoic acid	0.236	0.212	10.2	93	-0.01
33		4-Chloroaniline	0.449	0.439	2.2	99	-0.01
34	C	Hexachlorobutadiene	0.229	0.218	4.8	104	-0.02
35		Caprolactam	0.122	0.108	11.5	94	-0.02
36	C	4-Chloro-3-methylphenol	0.377	0.355	5.8	99	-0.01
37		2-Methylnaphthalene	0.693	0.653	5.8	101	-0.01
38		1-Methylnaphthalene	0.739	0.694	6.1	100	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	109	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.606	0.607	-0.2	100	-0.01
41	P	Hexachlorocyclopentadiene	0.330	0.324	1.8	93	-0.01
42	S	2,4,6-Tribromophenol	0.249	0.234	6.0	92	-0.02
43	C	2,4,6-Trichlorophenol	0.398	0.404	-1.5	99	-0.02
44		2,4,5-Trichlorophenol	0.443	0.444	-0.2	97	-0.01
45	S	2-Fluorobiphenyl	1.502	1.472	2.0	101	-0.01
46		1,1'-Biphenyl	1.468	1.478	-0.7	102	-0.01
47		2-Chloronaphthalene	1.156	1.140	1.4	100	-0.02

Sample Results: **BP025792.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	0.385	0.388	-0.8	96	-0.02
49		Acenaphthylene	1.915	1.848	3.5	98	-0.02
50		Dimethylphthalate	1.527	1.459	4.5	96	-0.02
51		2,6-Dinitrotoluene	0.324	0.327	-0.9	100	-0.02
52	C	Acenaphthene	1.104	1.057	4.3	97	-0.02
53		3-Nitroaniline	0.340	0.339	0.3	94	-0.02
54	P	2,4-Dinitrophenol	0.183	0.178	2.7	93	-0.02
55		Dibenzofuran	1.800	1.711	4.9	97	-0.02
56	P	4-Nitrophenol	0.258	0.244	5.4	87	0.00
57		2,4-Dinitrotoluene	0.460	0.457	0.7	96	-0.01
58		Fluorene	1.431	1.343	6.1	95	-0.02
59		2,3,4,6-Tetrachlorophenol	0.399	0.387	3.0	95	-0.02
60		Diethylphthalate	1.549	1.476	4.7	98	-0.02
61		4-Chlorophenyl-phenylether	0.721	0.669	7.2	95	-0.02
62		4-Nitroaniline	0.349	0.351	-0.6	95	-0.02
63		Azobenzene	1.498	1.458	2.7	97	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	104	-0.01
65		4,6-Dinitro-2-methylphenol	0.133	0.134	-0.8	93	-0.02
66	c	n-Nitrosodiphenylamine	0.612	0.616	-0.7	97	-0.01
67		4-Bromophenyl-phenylether	0.220	0.220	0.0	97	-0.01
68		Hexachlorobenzene	0.245	0.236	3.7	95	-0.01
69		Atrazine	0.234	0.230	1.7	93	-0.01
70	C	Pentachlorophenol	0.162	0.160	1.2	93	-0.01
71		Phenanthrene	1.135	1.108	2.4	95	-0.01
72		Anthracene	1.151	1.139	1.0	96	-0.01
73		Carbazole	1.070	1.053	1.6	94	-0.01
74		Di-n-butylphthalate	1.313	1.304	0.7	95	0.00
75	C	Fluoranthene	1.361	1.339	1.6	97	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	102	-0.02
77		Benzidine	0.576	0.797	-38.4#	124	-0.01
78		Pyrene	1.335	1.325	0.7	94	0.00
79	S	Terphenyl-d14	1.112	1.080	2.9	93	-0.02
80		Butylbenzylphthalate	0.585	0.598	-2.2	94	-0.02
81		Benzo(a)anthracene	1.369	1.318	3.7	92	-0.02
82		3,3'-Dichlorobenzidine	0.473	0.476	-0.6	93	-0.02
83		Chrysene	1.305	1.279	2.0	95	-0.02
84		Bis(2-ethylhexyl)phthalate	0.856	0.864	-0.9	93	-0.02
85	c	Di-n-octyl phthalate	1.523	1.524	-0.1	93	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	104	-0.03
87		Indeno(1,2,3-cd)pyrene	1.454	1.449	0.3	94	-0.05
88		Benzo(b)fluoranthene	1.223	1.214	0.7	95	-0.01
89		Benzo(k)fluoranthene	1.248	1.232	1.3	96	-0.01
90	C	Benzo(a)pyrene	1.198	1.179	1.6	94	-0.02
91		Dibenzo(a,h)anthracene	1.190	1.182	0.7	95	-0.05
92		Benzo(g,h,i)perylene	1.170	1.167	0.3	96	-0.01

Sample Results: **BP025792.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

QC SAMPLE DATA

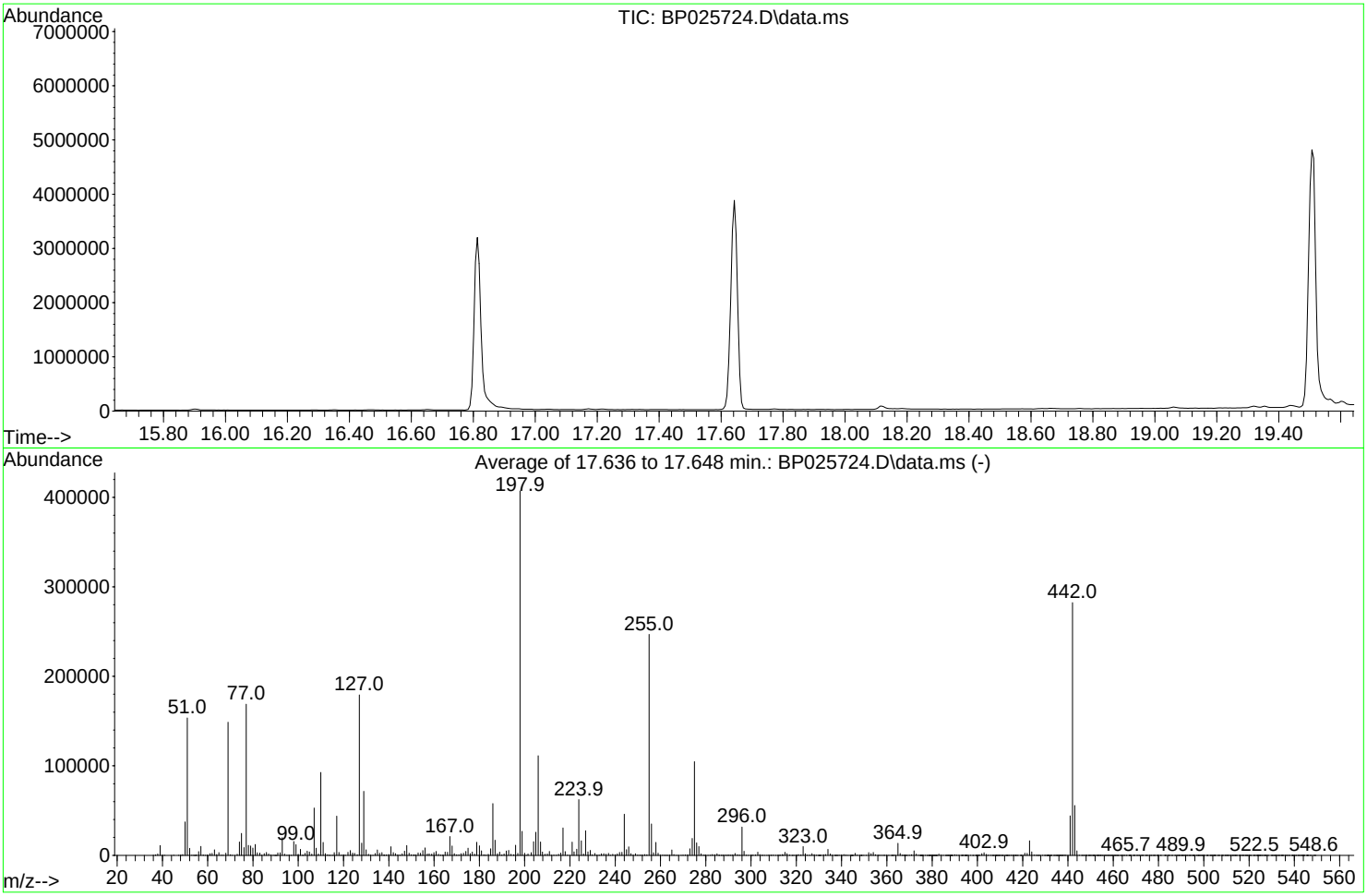
Sample Results: **BP025724.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025724.D
Acq On : 11 Sep 2025 08:09
Operator : CG/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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025



AutoFind: Scans 2499, 2500, 2501; Background Corrected with Scan 2490

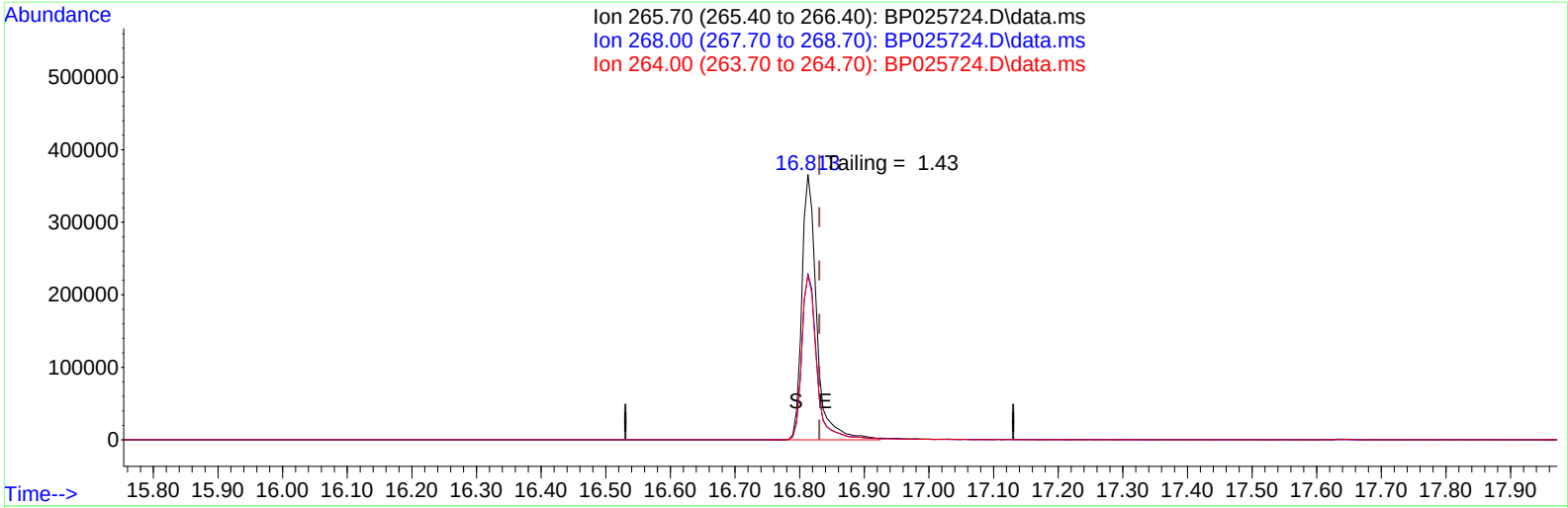
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	2392	PASS
69	69	100	100	100.0	148681	PASS
70	69	0.00	2	0.5	775	PASS
197	198	0.00	2	0.6	2274	PASS
198	198	100	100	100.0	407104	PASS
199	198	5	9	6.6	26775	PASS
365	198	1	100	3.3	13409	PASS
441	443	0.01	150	79.1	44067	PASS
442	442	100	100	100.0	282368	PASS
443	442	15	24	19.7	55680	PASS

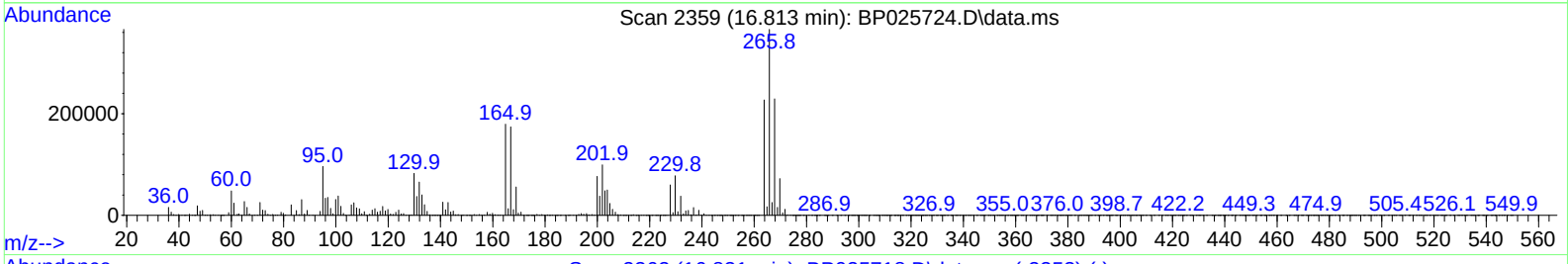
Sample Results: **BP025724.D**

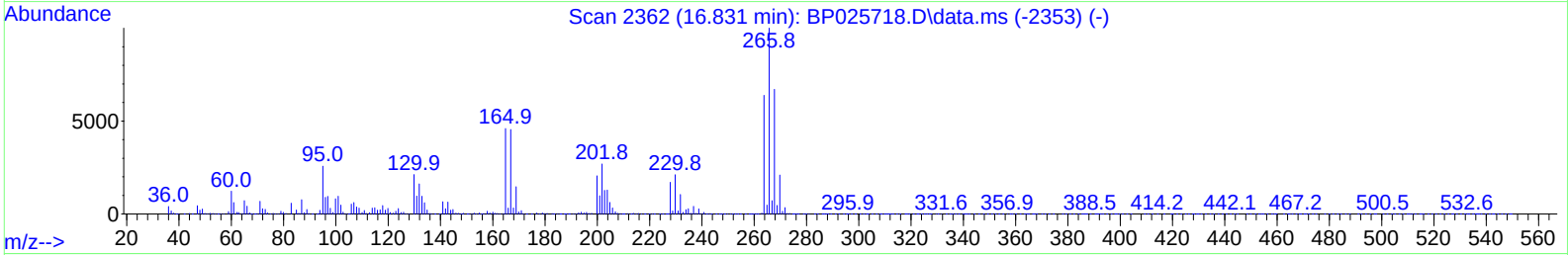
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025724.D
Acq On : 11 Sep 2025 08:09
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 11 12:58:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 09:20:45 2025
Response via : Initial Calibration







TIC: BP025724.D\data.ms

(70) Pentachlorophenol (C)

16.813min (-0.018) 7217.81 ng

response 589827

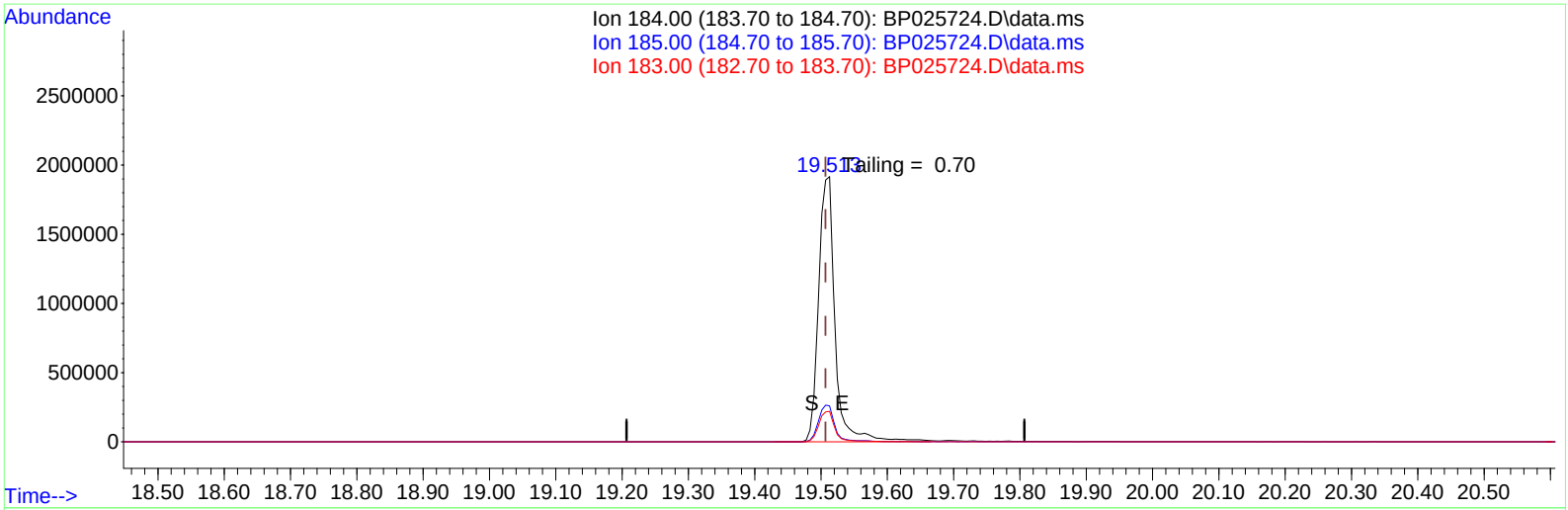
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.10	62.64
264.00	63.80	62.05
0.00	0.00	0.00

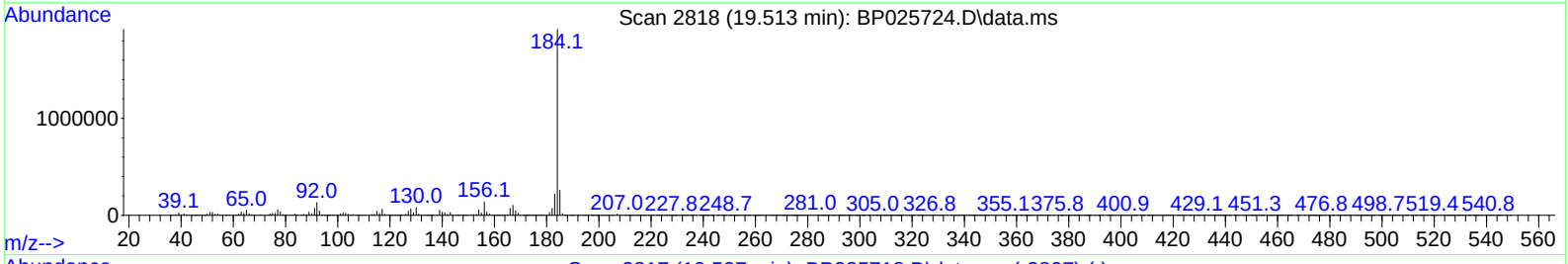
Sample Results: **BP025724.D**

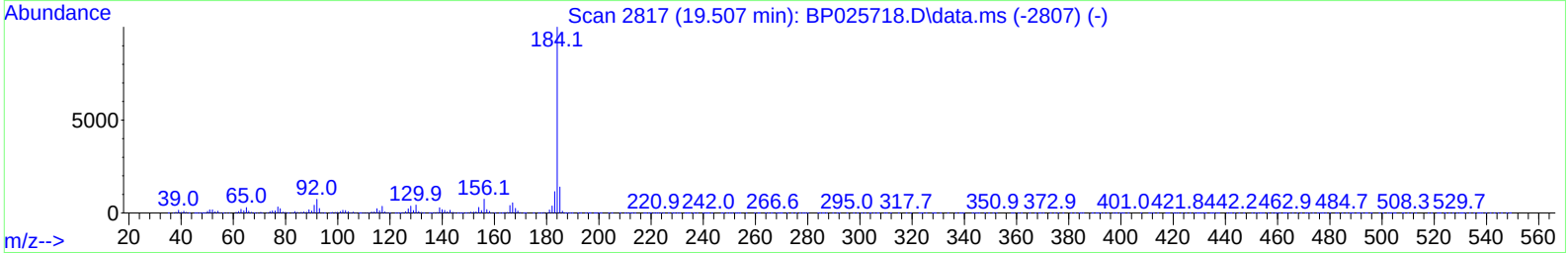
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025724.D
Acq On : 11 Sep 2025 08:09
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 11 12:58:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 09:20:45 2025
Response via : Initial Calibration







TIC: BP025724.D\data.ms

(77) Benzidine

19.513min (+ 0.006) 4369.52 ng

response 3272403

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.00	13.55
183.00	11.50	11.52
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/12/2025	BNA_P	BP025724.D
Compound Name	**Response**	**Retention Time**
DDT	1712718	20.801
DDD	33235	20.342
DDE	3389	19.813
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
36624	1749342	2.09

Instrument :
BNA_P
ClientSampleId :
DFTPP

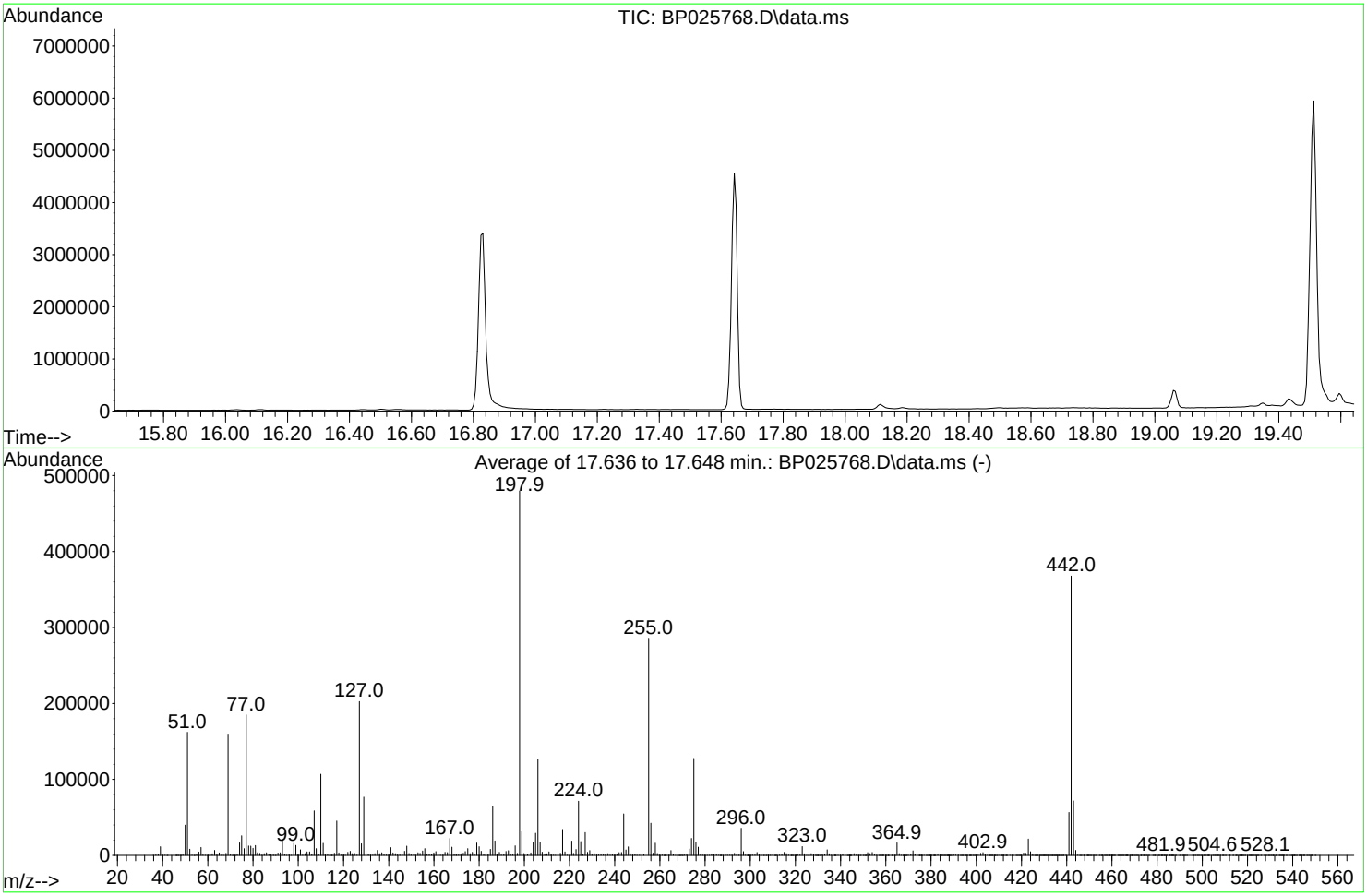
Sample Results: **BP025768.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025768.D
Acq On : 17 Sep 2025 11:22
Operator : CG/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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025



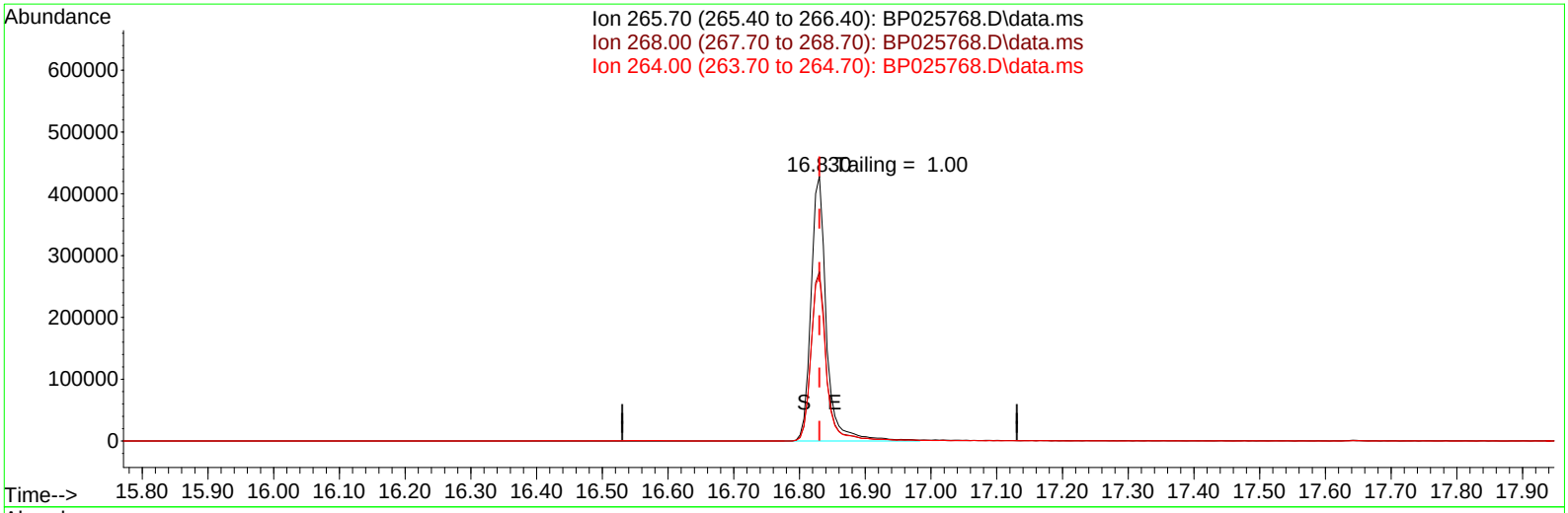
AutoFind: Scans 2499, 2500, 2501; Background Corrected with Scan 2490

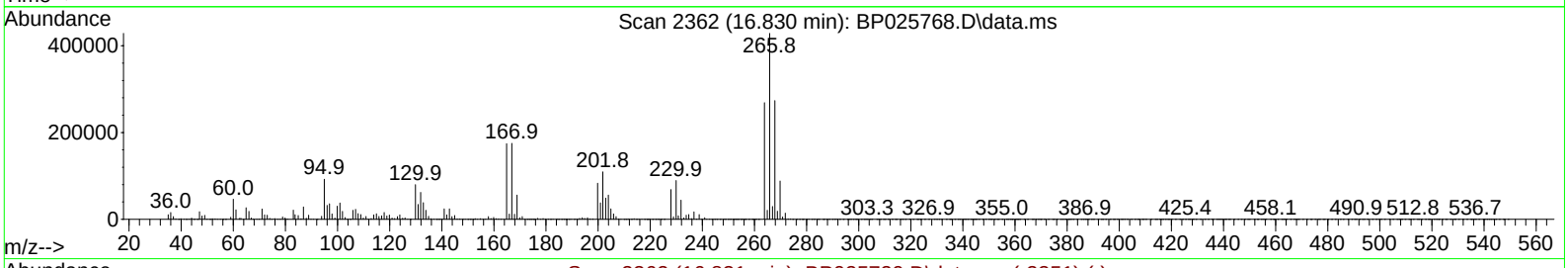
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	2722	PASS
69	69	100	100	100.0	159833	PASS
70	69	0.00	2	0.5	762	PASS
197	198	0.00	2	0.6	2688	PASS
198	198	100	100	100.0	479553	PASS
199	198	5	9	6.5	31290	PASS
365	198	1	100	3.4	16511	PASS
441	443	0.01	150	78.8	56501	PASS
442	442	100	100	100.0	367637	PASS
443	442	15	24	19.5	71685	PASS

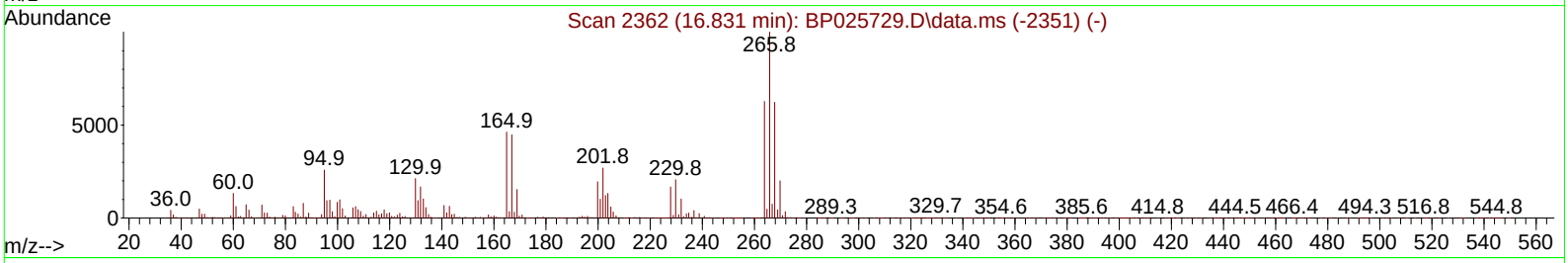
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025768.D
Acq On : 17 Sep 2025 11:22
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 17 13:24:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration







TIC: BP025768.D\data.ms

(70) Pentachlorophenol (C)

16.830min (-0.000) 1245628.62 ng

response 694952

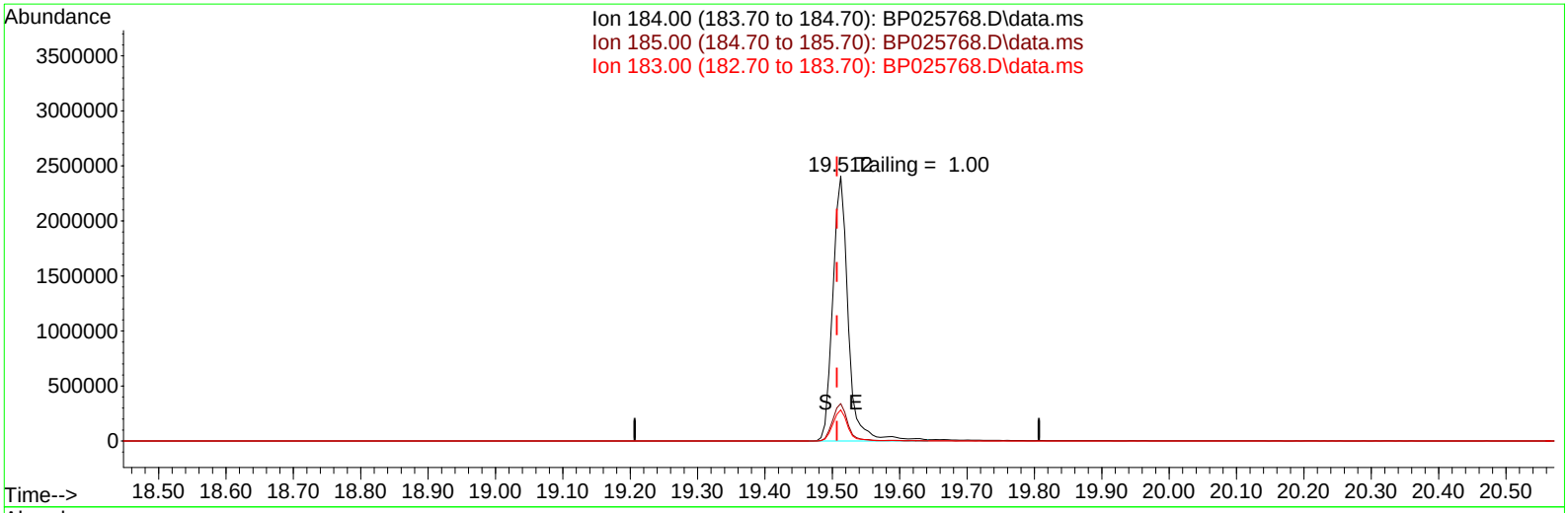
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	63.86
264.00	62.70	62.71
0.00	0.00	0.00

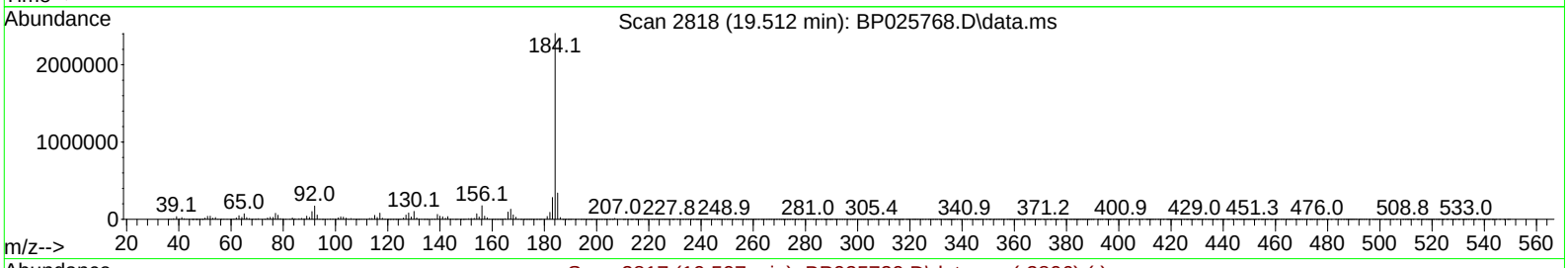
Sample Results: **BP025768.D**

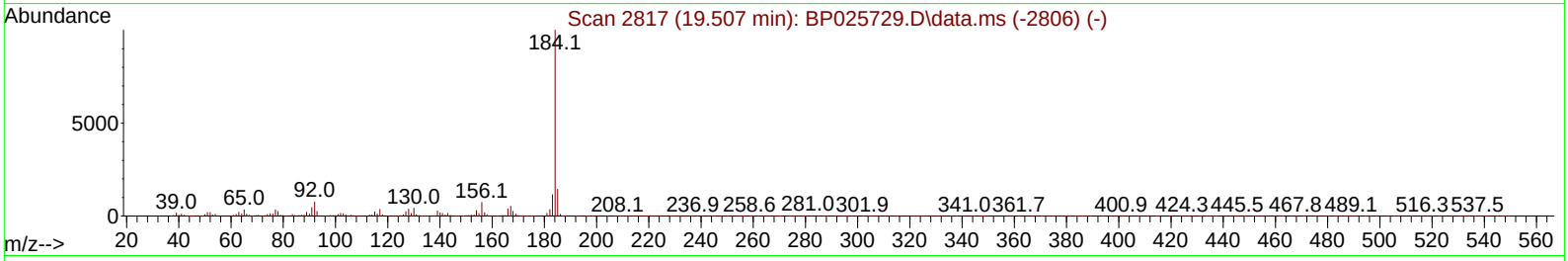
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025768.D
Acq On : 17 Sep 2025 11:22
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 17 13:24:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration







TIC: BP025768.D\data.ms

(77) Benzidine

19.512min (+ 0.006) 1057543.21 ng

response 3746937

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.16
183.00	11.50	11.77
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/17/2025	BNA_P	BP025768.D
Compound Name	**Response**	**Retention Time**
DDT	1963626	20.801
DDD	38286	20.336
DDE	5049	19.812
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
43335	2006961	2.16

Instrument :
BNA_P
ClientSampleId :
DFTPP

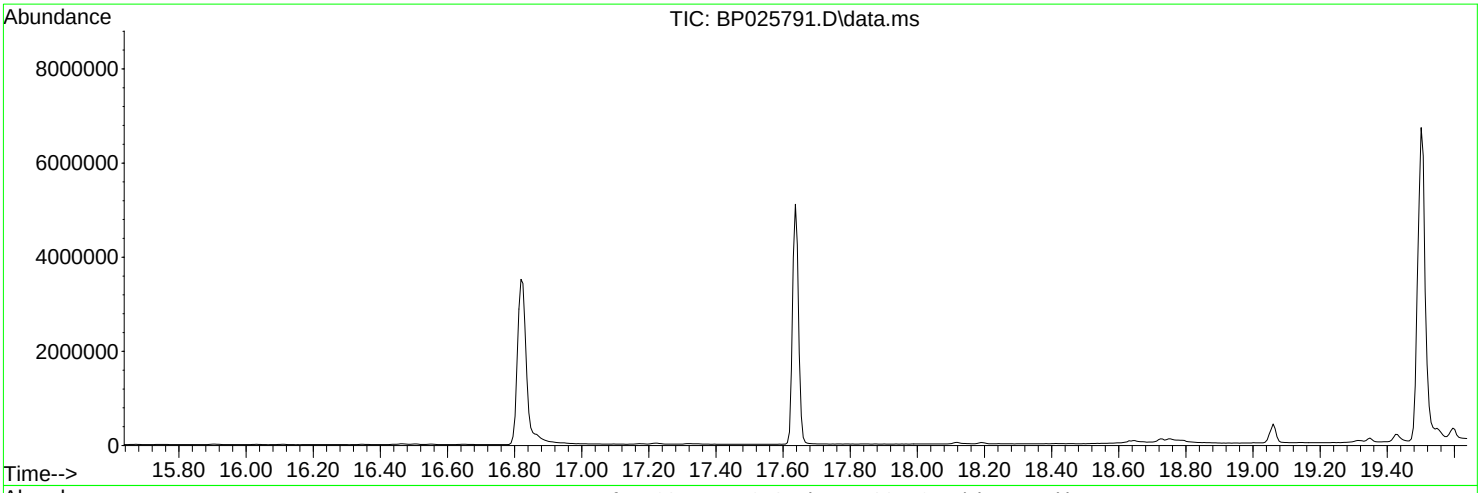
Sample Results: **BP025791.D**

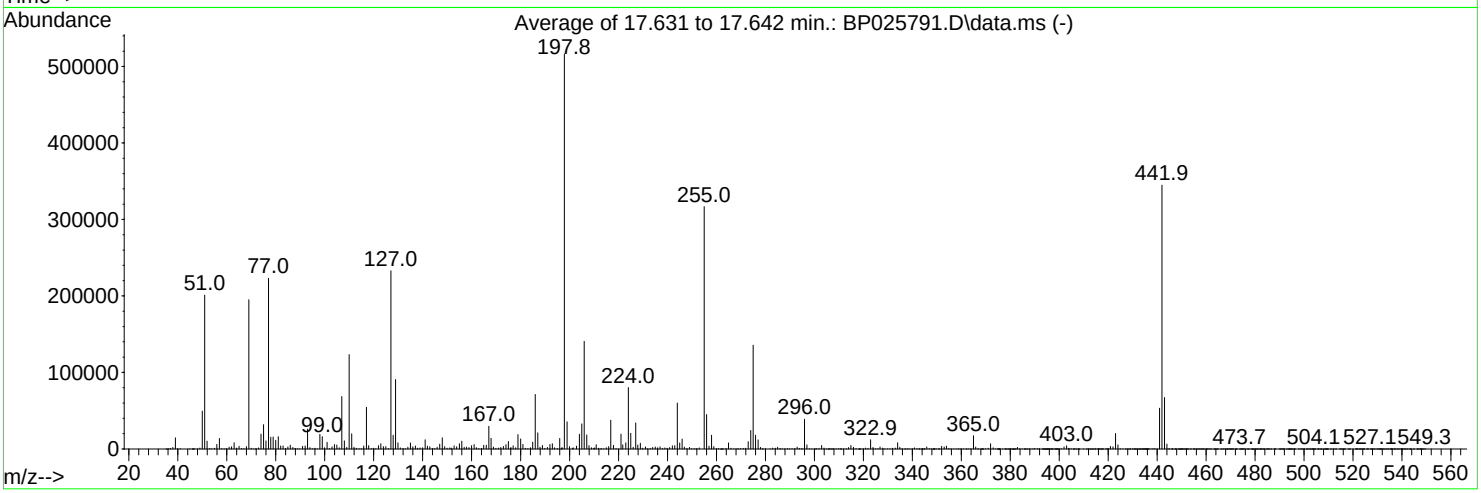
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025791.D
Acq On : 19 Sep 2025 09:31
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025





AutoFind: Scans 2498, 2499, 2500; Background Corrected with Scan 2486

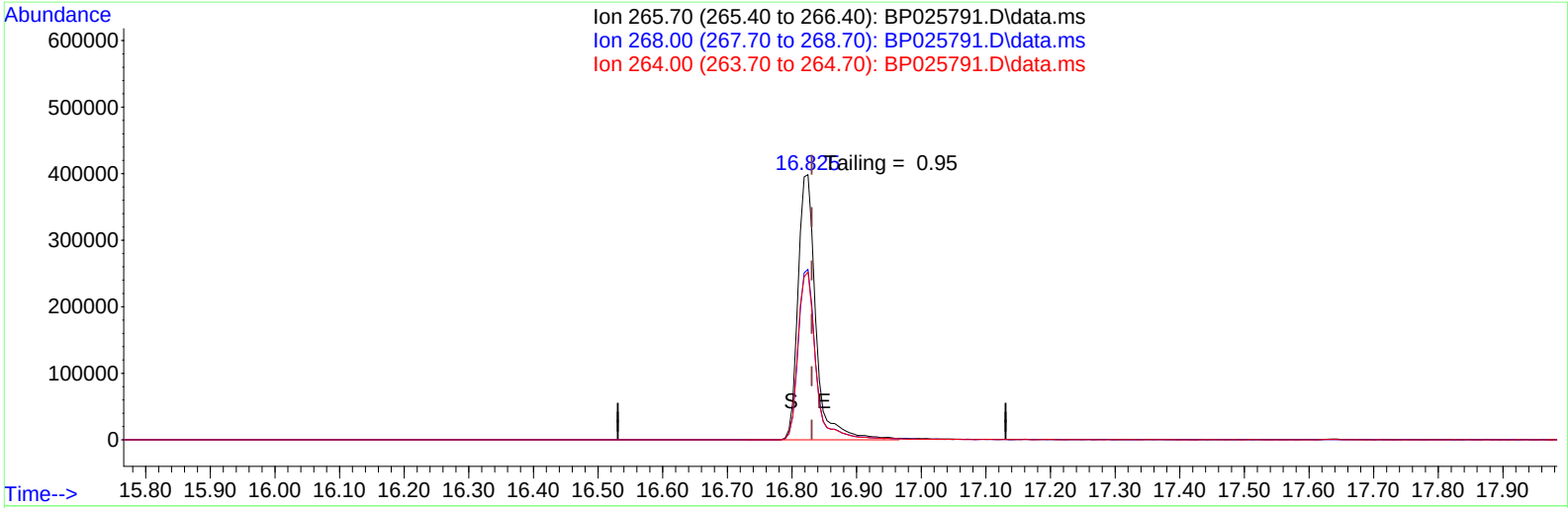
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	3128	PASS
69	69	100	100	100.0	195186	PASS
70	69	0.00	2	0.5	1034	PASS
197	198	0.00	2	0.4	1886	PASS
198	198	100	100	100.0	516192	PASS
199	198	5	9	6.9	35363	PASS
365	198	1	100	3.4	17349	PASS
441	443	0.01	150	79.2	53216	PASS
442	442	100	100	100.0	344742	PASS
443	442	15	24	19.5	67192	PASS

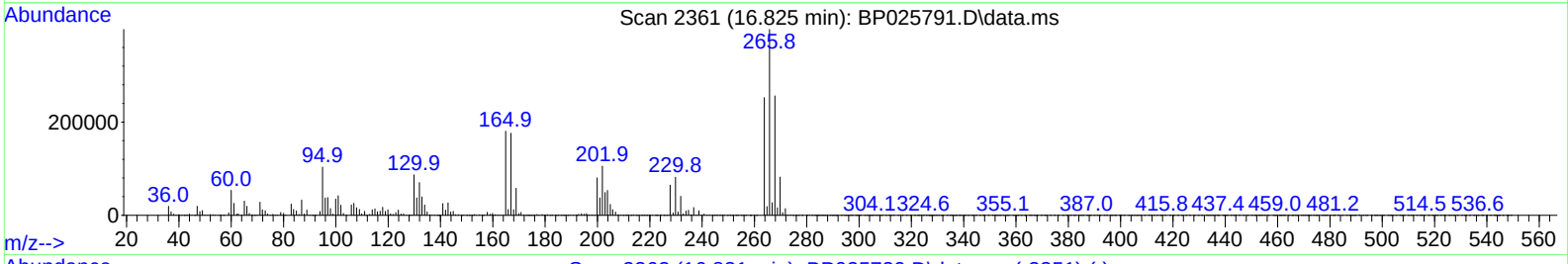
Sample Results: **BP025791.D**

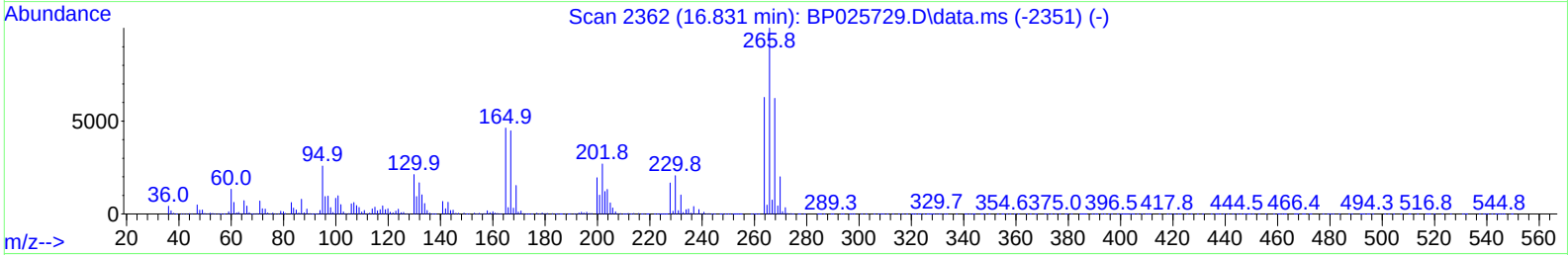
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025791.D
Acq On : 19 Sep 2025 09:31
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 19 11:12:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration







TIC: BP025791.D\data.ms

(70) Pentachlorophenol (C)

16.825min (-0.006) 12969.34 ng

response 772758

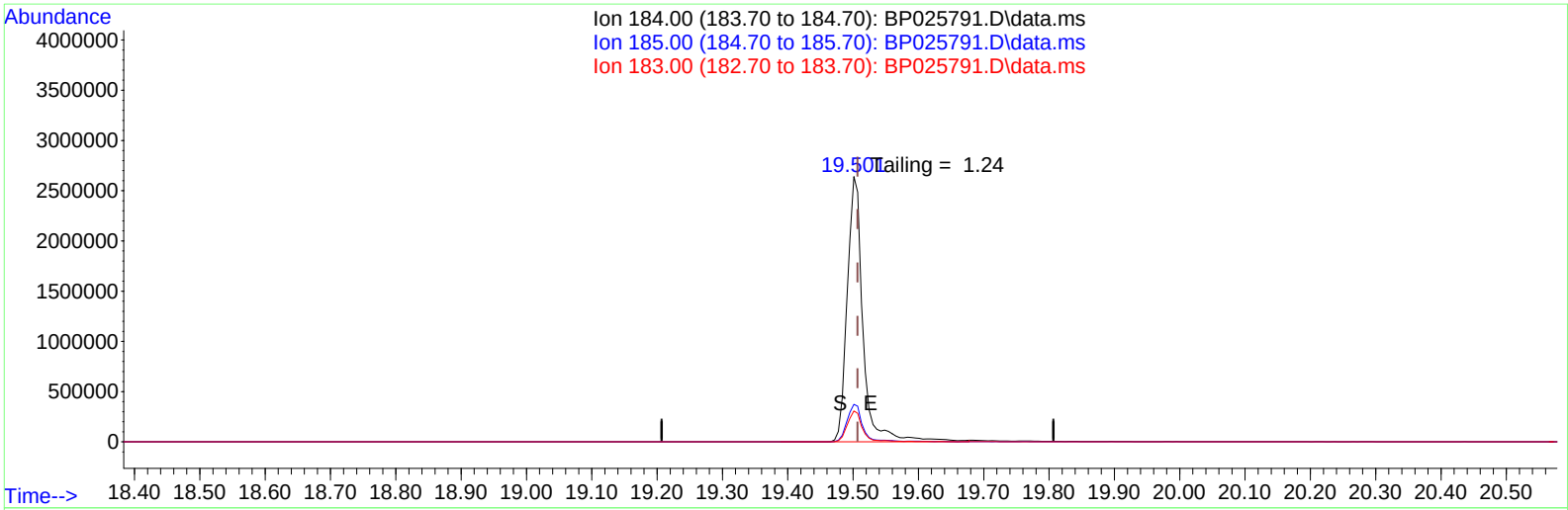
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	64.28
264.00	62.70	63.32
0.00	0.00	0.00

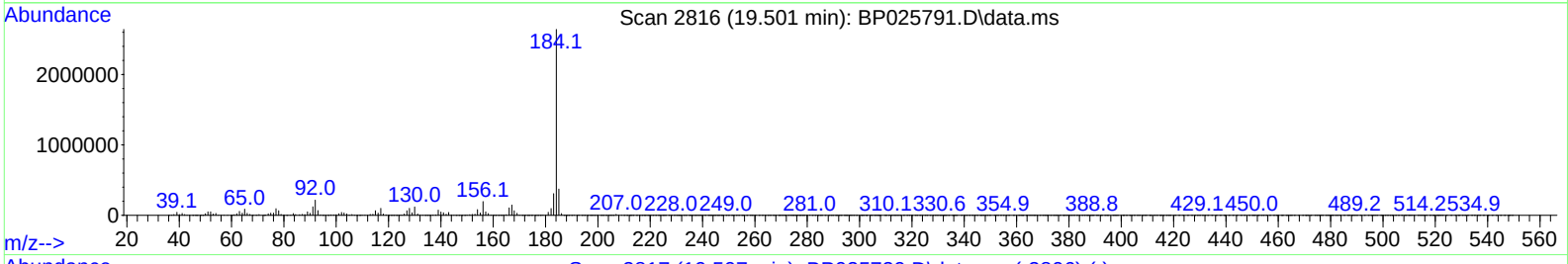
Sample Results: **BP025791.D**

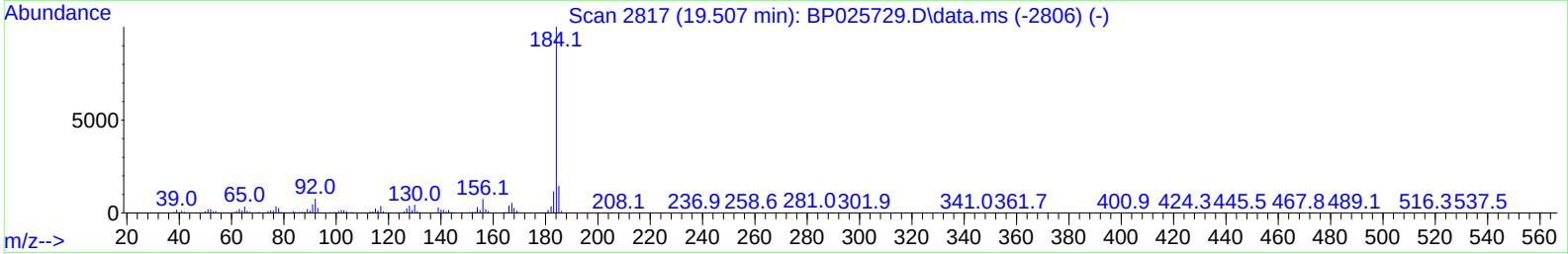
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025791.D
Acq On : 19 Sep 2025 09:31
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 19 11:12:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration







TIC: BP025791.D\data.ms

(77) Benzidine

19.501min (-0.006) 14332.79 ng

response 4314810

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.17
183.00	11.50	11.63
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/19/2025	BNA_P	BP025791.D
Compound Name	**Response**	**Retention Time**
DDT	2212712	20.795
DDD	41408	20.336
DDE	8406	19.801
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
49814	2262526	2.20

Instrument :
BNA_P
ClientSampleId :
DFTPP

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Blanchard			Date Received:	
Client Sample ID:	PB169719BL			SDG No.:	Q3083
Lab Sample ID:	PB169719BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units: mL		Final Vol:	1000 uL
Soil Aliquot Vol:		uL		Test:	SVOCMS Group2
Extraction Type :		Decanted : N		Level :	LOW
Injection Volume :		GPC Factor : 1.0		GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025776.D	1	09/17/25 09:05	09/17/25 21:56	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	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
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

Raw Data: **BP025776.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Blanchard			Date Received:	
Client Sample ID:	PB169719BL			SDG No.:	Q3083
Lab Sample ID:	PB169719BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025776.D	1	09/17/25 09:05	09/17/25 21:56	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	119		15 (23) - 110 (138)	79%	SPK: 150
13127-88-3	Phenol-d6	109		15 (10) - 110 (134)	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.4		30 (67) - 130 (132)	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.1		30 (52) - 130 (132)	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		15 (44) - 110 (137)	74%	SPK: 150

Raw Data: **BP025776.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Blanchard			Date Received:	
Client Sample ID:	PB169719BL			SDG No.:	Q3083
Lab Sample ID:	PB169719BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025776.D	1	09/17/25 09:05	09/17/25 21:56	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	71.7		30 (42) - 130 (152)	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	179000	7.754			
1146-65-2	Naphthalene-d8	669000	10.525			
15067-26-2	Acenaphthene-d10	415000	14.372			
1517-22-2	Phenanthrene-d10	827000	17.172			
1719-03-5	Chrysene-d12	913000	21.613			
1520-96-3	Perylene-d12	985000	24.971			

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\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Time: Sep 18 04:26:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

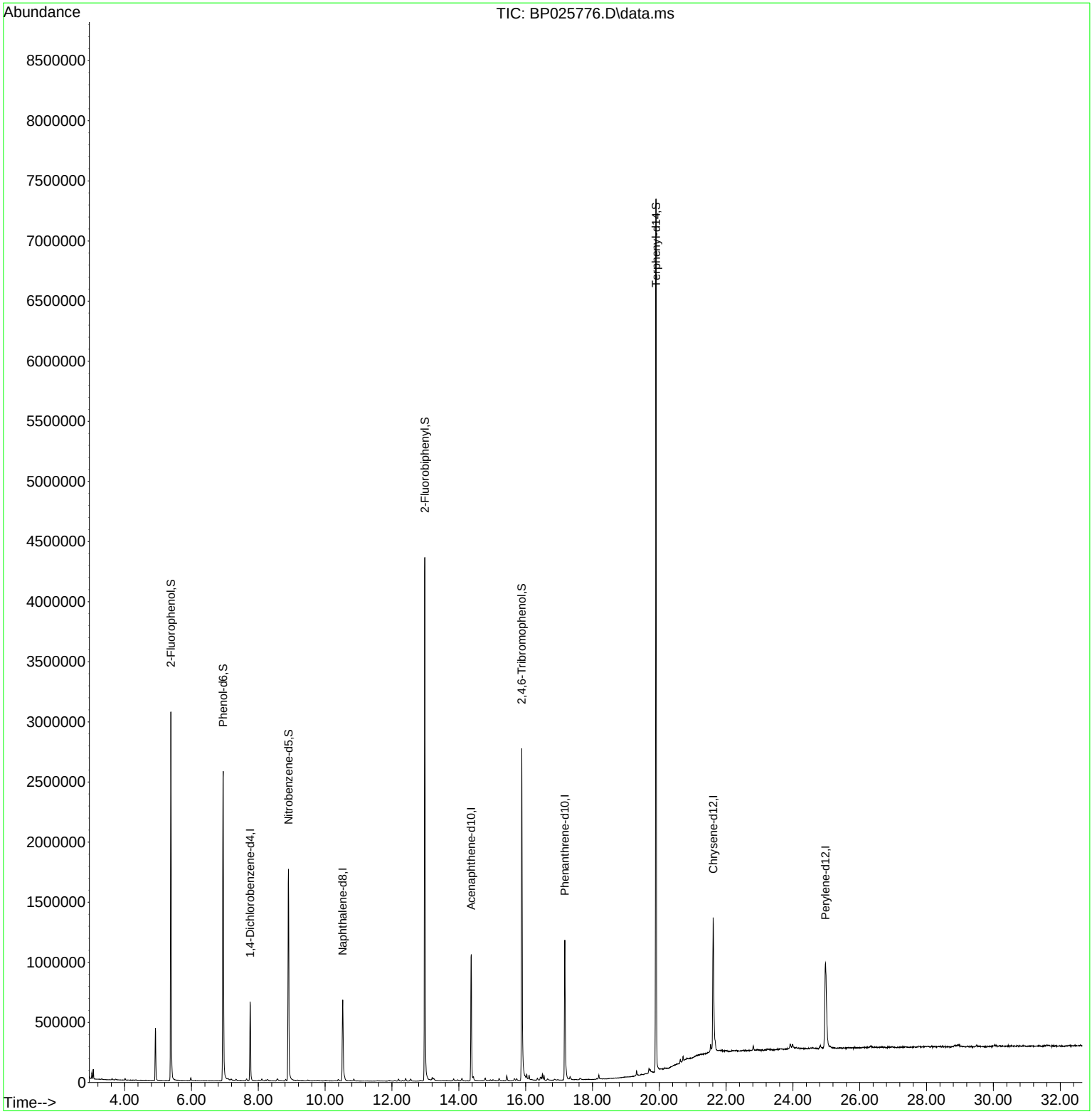
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	179386	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	669415	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	415180	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	826588	20.000	ng	-0.01
76) Chrysene-d12	21.613	240	912511	20.000	ng	-0.03
86) Perylene-d12	24.971	264	985422	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1321221	118.842	ng	0.00
7) Phenol-d6	6.949	99	1609379	108.910	ng	0.00
23) Nitrobenzene-d5	8.901	82	1113438	73.370	ng	0.00
42) 2,4,6-Tribromophenol	15.883	330	574835	111.003	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2342096	75.112	ng	0.00
79) Terphenyl-d14	19.901	244	3637790	71.718	ng	-0.01
Target Compounds						Qvalue

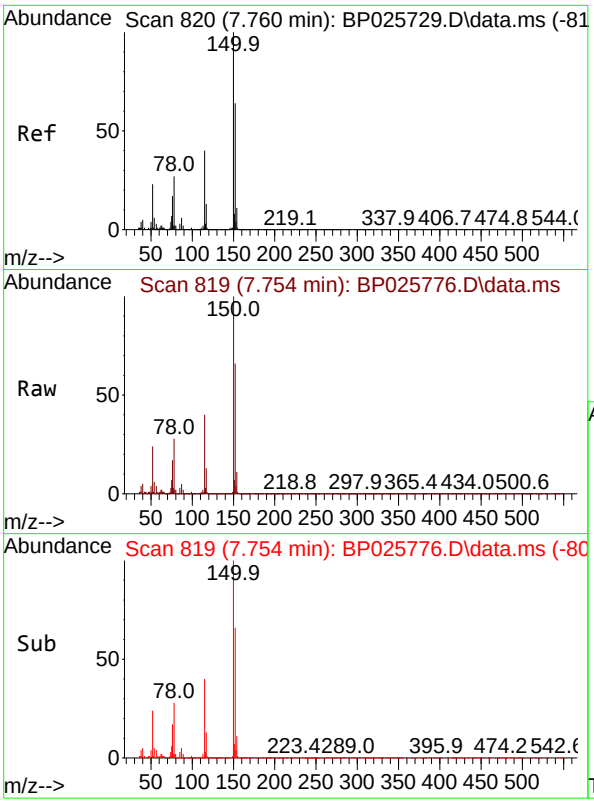
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Time: Sep 18 04:26:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



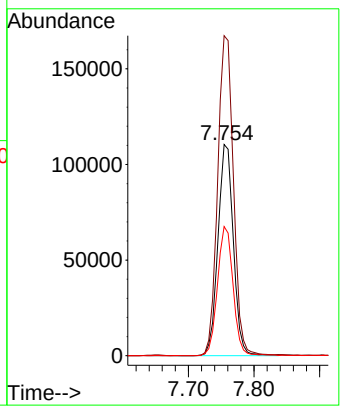


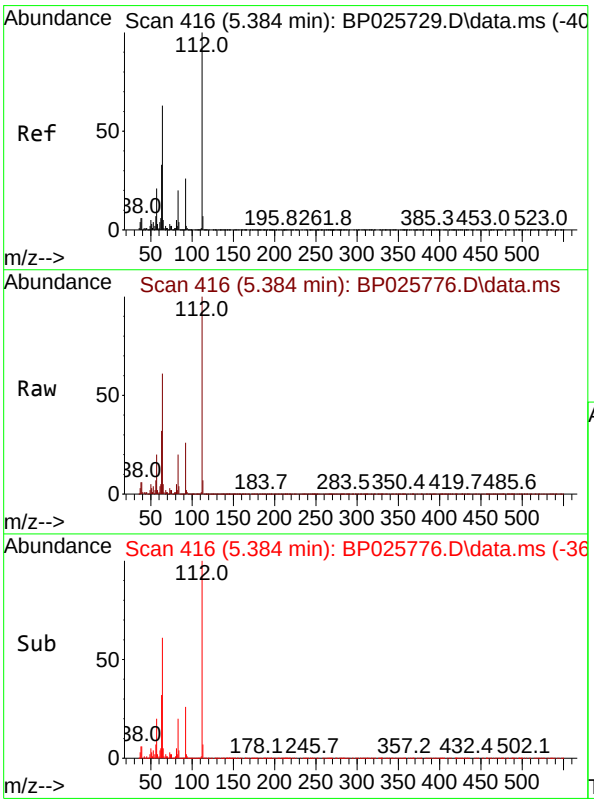
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion:152 Resp: 179386

Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.3	186.5
115	61.2	50.3	75.5

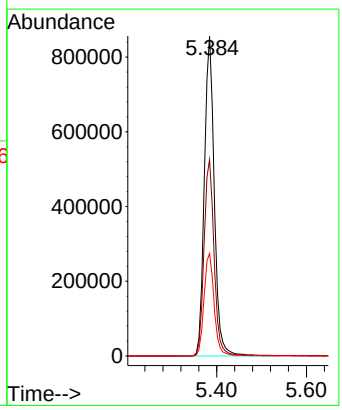


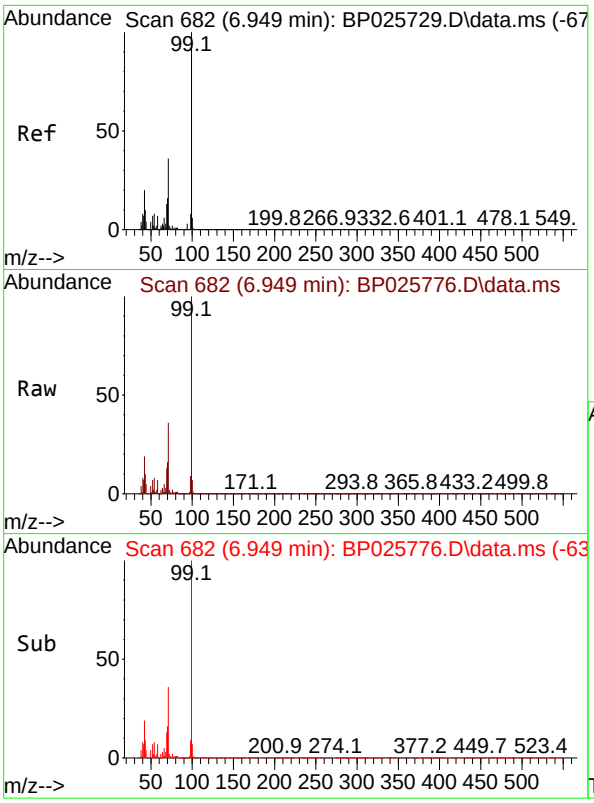


#5
2-Fluorophenol
Concen: 118.842 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:112 Resp: 1321221

Ion	Ratio	Lower	Upper
112	100		
64	61.4	50.2	75.4
63	32.1	26.7	40.1



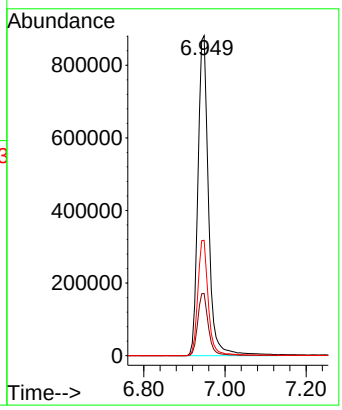


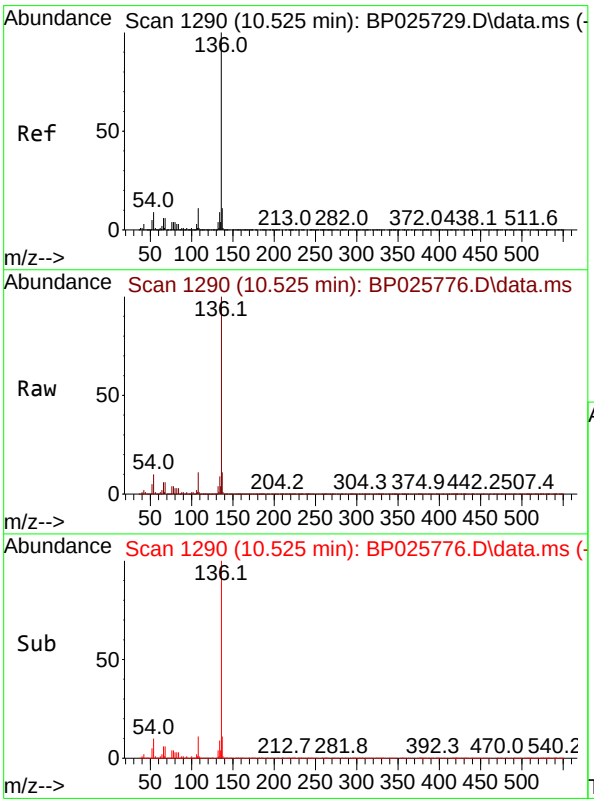
#7
Phenol-d6
Concen: 108.910 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion: 99 Resp: 1609379

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.6	23.4
71	36.0	28.6	43.0

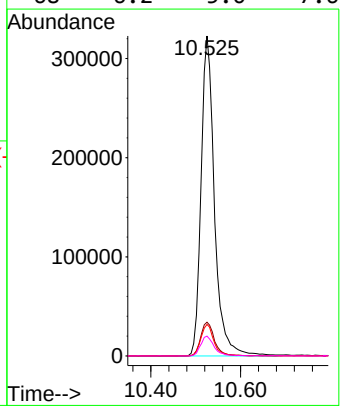


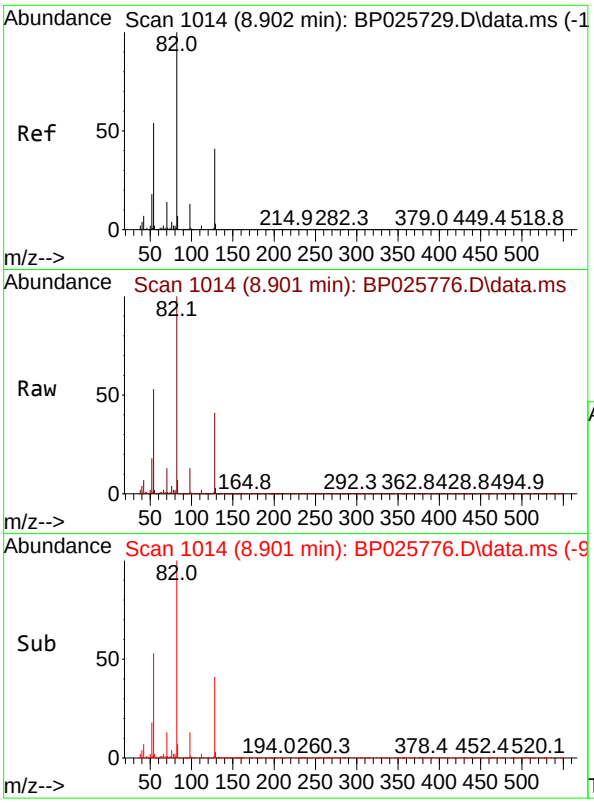


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:136 Resp: 669415

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	9.8	7.5	11.3
68	6.2	5.0	7.6



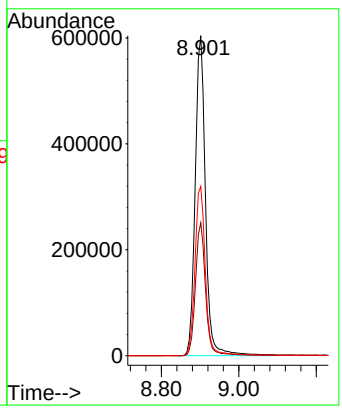


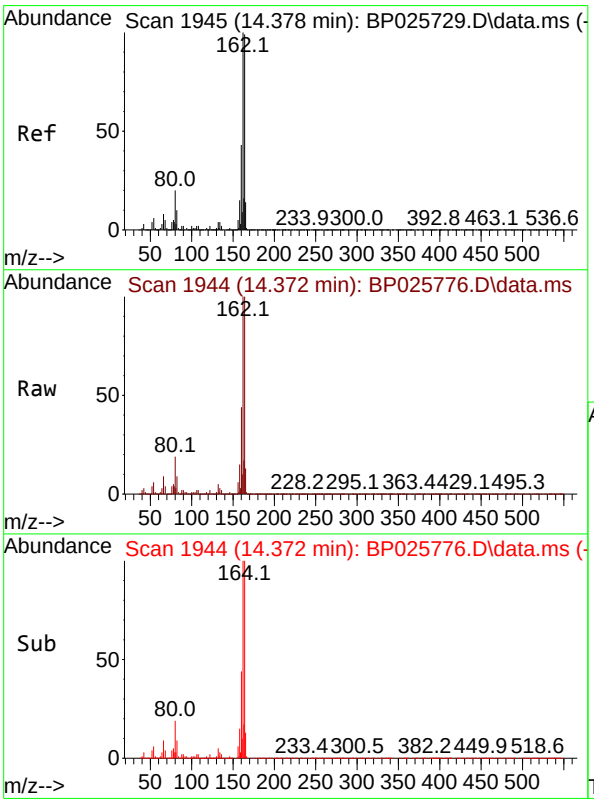
#23
Nitrobenzene-d5
Concen: 73.370 ng
RT: 8.901 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion: 82 Resp: 1113438

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.9	49.3
54	52.9	43.4	65.2

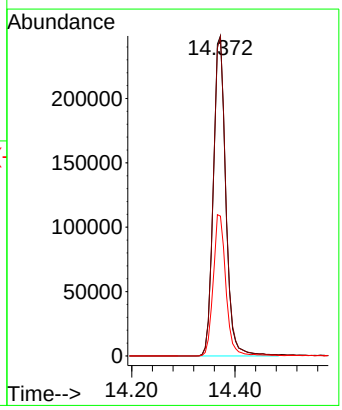


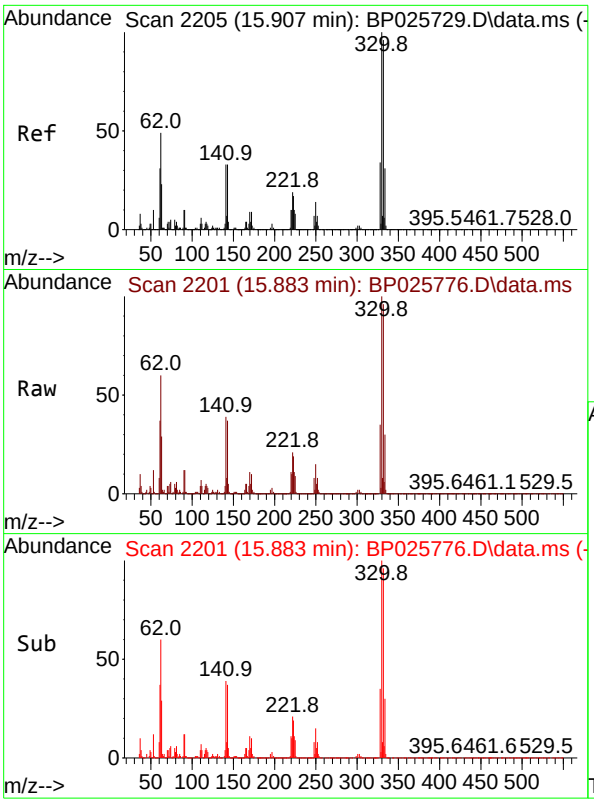


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:164 Resp: 415180

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	120.8
160	43.7	35.0	52.6



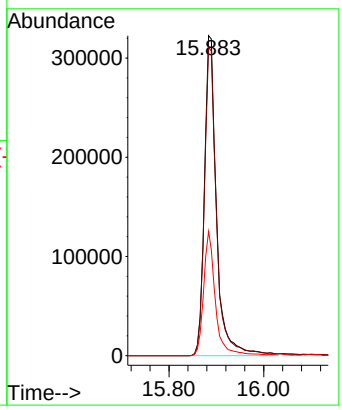


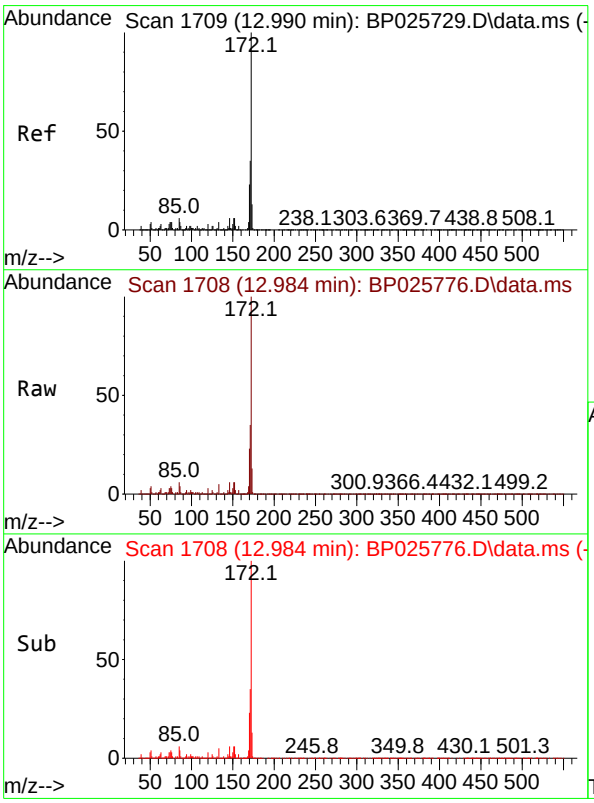
#42
2,4,6-Tribromophenol
Concen: 111.003 ng
RT: 15.883 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion:330 Resp: 574835

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.9	115.3
141	37.6	31.0	46.4

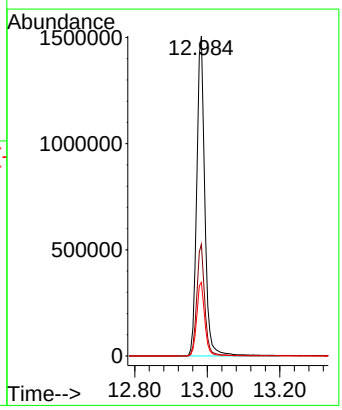


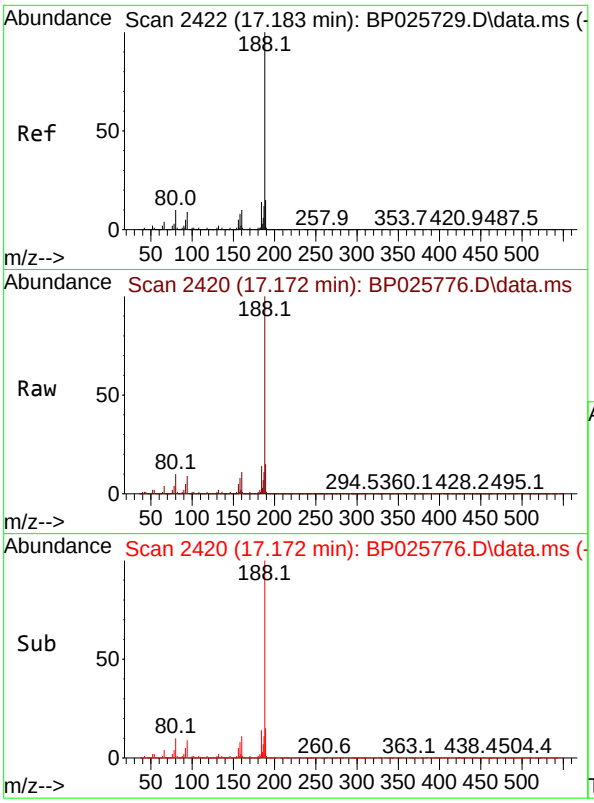


#45
2-Fluorobiphenyl
Concen: 75.112 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:172 Resp: 2342096

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.0	18.6	27.8



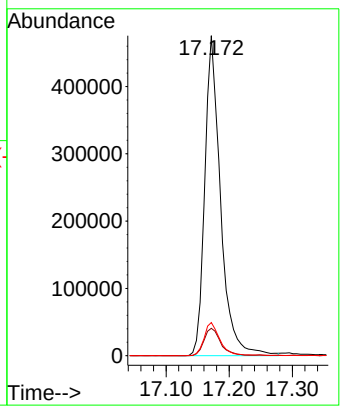


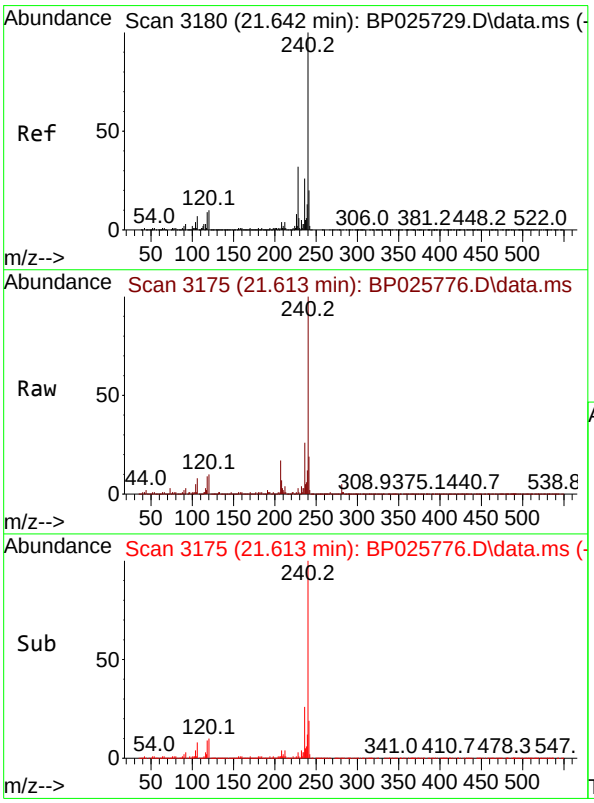
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion:188 Resp: 826588

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.0
80	10.3	7.7	11.5

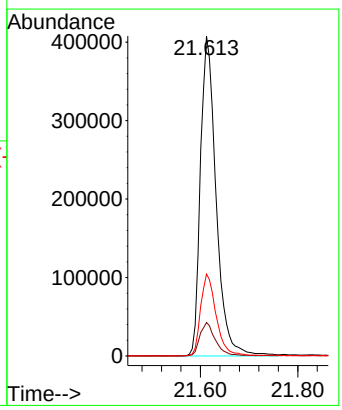


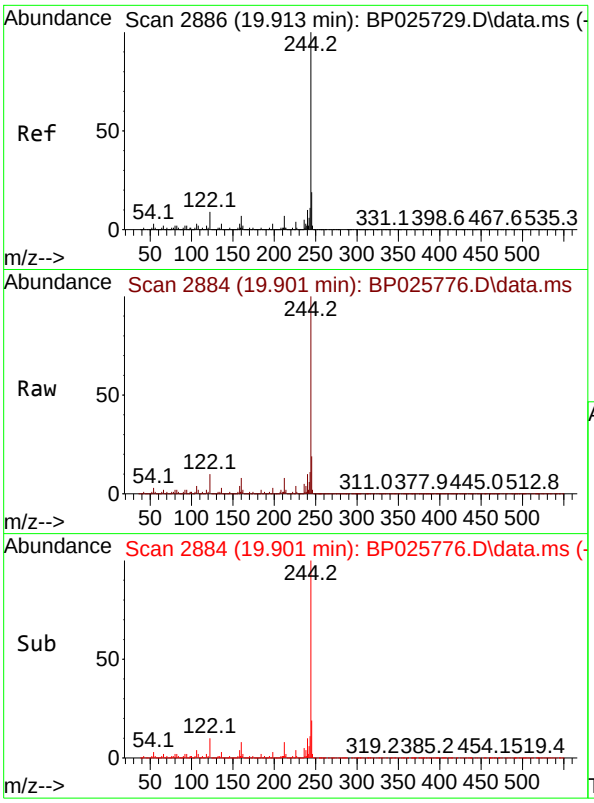


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.030 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:240 Resp: 912511

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.0	12.0
236	25.6	20.7	31.1



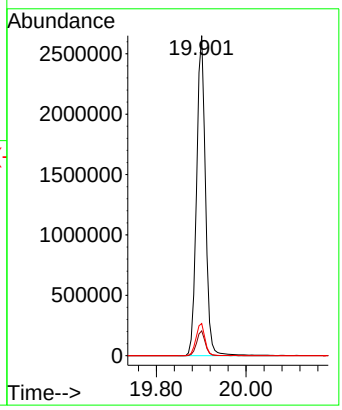


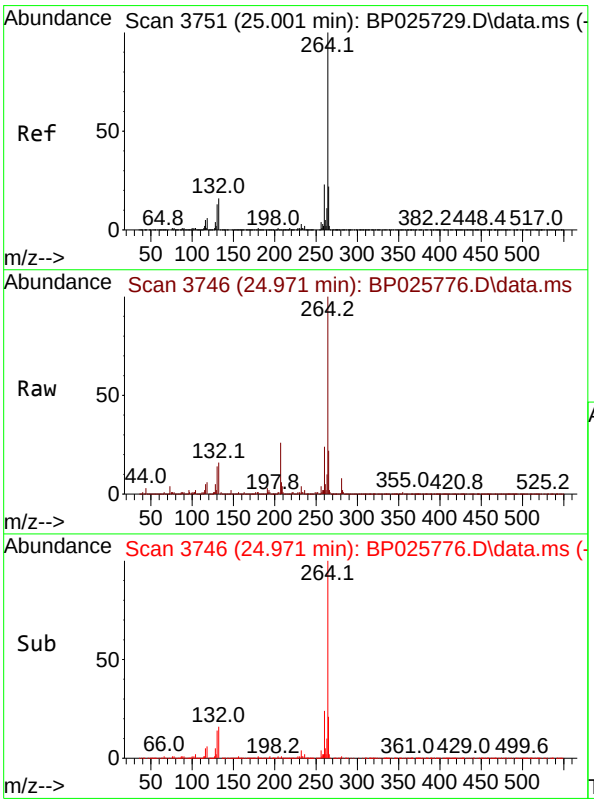
#79
Terphenyl-d14
Concen: 71.718 ng
RT: 19.901 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion:244 Resp: 3637790

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.0	7.1	10.7

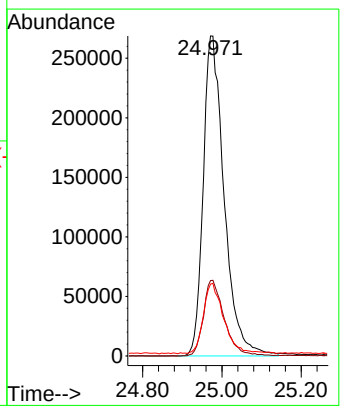




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.971 min Scan# 3746
Delta R.T. -0.030 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:264 Resp: 985422

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	22.5	17.3	25.9



Raw Data: **BP025774.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	PB169719BS	SDG No.:	Q3083
Lab Sample ID:	PB169719BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025774.D	1	09/17/25 09:05	09/17/25 20:35	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	29.4		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	37.3		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	36.9		1.30	5.00	ug/L
98-86-2	Acetophenone	40.6		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	35.8		1.40	2.50	ug/L
67-72-1	Hexachloroethane	37.0		0.65	5.00	ug/L
98-95-3	Nitrobenzene	38.1		0.76	5.00	ug/L
78-59-1	Isophorone	36.1		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	38.3		0.68	5.00	ug/L
91-20-3	Naphthalene	37.5		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	20.3		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	38.7		0.54	5.00	ug/L
105-60-2	Caprolactam	36.2		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	37.6		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	76.0		3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	41.6		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	38.7		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	39.6		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	38.7		0.61	5.00	ug/L
208-96-8	Acenaphthylene	39.2		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	40.0		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	28.5		1.10	5.00	ug/L
83-32-9	Acenaphthene	38.0		0.55	5.00	ug/L
132-64-9	Dibenzofuran	38.5		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	40.6		1.20	5.00	ug/L
84-66-2	Diethylphthalate	39.3		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38.5		0.68	5.00	ug/L
86-73-7	Fluorene	38.3		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	39.4		1.50	5.00	ug/L

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Blanchard			Date Received:	
Client Sample ID:	PB169719BS			SDG No.:	Q3083
Lab Sample ID:	PB169719BS			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025774.D	1	09/17/25 09:05	09/17/25 20:35	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	40.0		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	40.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	39.1		0.52	5.00	ug/L
1912-24-9	Atrazine	40.7		1.00	5.00	ug/L
85-01-8	Phenanthrene	39.1		0.50	5.00	ug/L
120-12-7	Anthracene	39.5		0.61	5.00	ug/L
86-74-8	Carbazole	39.6		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	40.5		1.20	5.00	ug/L
206-44-0	Fluoranthene	38.8		0.82	5.00	ug/L
129-00-0	Pyrene	41.5		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	41.5		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	27.8		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	39.6		0.45	5.00	ug/L
218-01-9	Chrysene	39.8		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.2		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	39.8		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	41.8		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	40.1		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	40.4		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.8		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	42.3		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	43.2		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	31.8		1.00	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	116		15 (23) - 110 (138)	77%	SPK: 150
13127-88-3	Phenol-d6	109		15 (10) - 110 (134)	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.0		30 (67) - 130 (132)	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.9		30 (52) - 130 (132)	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	113		15 (44) - 110 (137)	75%	SPK: 150

Raw Data: **BP025774.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:			
Project:	Blanchard			Date Received:			
Client Sample ID:	PB169719BS			SDG No.:	Q3083		
Lab Sample ID:	PB169719BS			Matrix:	Water		
Analytical Method:	8270E			% Solid:	0		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000		uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2		
Extraction Type :			Decanted : N	Level :	LOW		
Injection Volume :			GPC Factor : 1.0	GPC Cleanup :	N	PH :	
Prep Method :							

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025774.D	1	09/17/25 09:05	09/17/25 20:35	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	72.6		30 (42) - 130 (152)	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	164000	7.755			
1146-65-2	Naphthalene-d8	643000	10.519			
15067-26-2	Acenaphthene-d10	417000	14.372			
1517-22-2	Phenanthrene-d10	849000	17.172			
1719-03-5	Chrysene-d12	847000	21.624			
1520-96-3	Perylene-d12	873000	24.971			

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\BP091725\
Data File : BP025774.D
Acq On : 17 Sep 2025 20:35
Operator : CG/JU
Sample : PB169719BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 18 04:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169719BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.755	152	164300	20.000	ng		0.00
21) Naphthalene-d8	10.519	136	643426	20.000	ng		0.00
39) Acenaphthene-d10	14.372	164	416776	20.000	ng		0.00
64) Phenanthrene-d10	17.172	188	849137	20.000	ng		-0.01
76) Chrysene-d12	21.624	240	847157	20.000	ng		-0.02
86) Perylene-d12	24.971	264	873039	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	1178875	115.774	ng		0.00
7) Phenol-d6	6.943	99	1479877	109.342	ng		0.00
23) Nitrobenzene-d5	8.896	82	1006405	68.995	ng		0.00
42) 2,4,6-Tribromophenol	15.889	330	585396	112.610	ng		-0.02
45) 2-Fluorobiphenyl	12.984	172	2158045	68.945	ng		0.00
79) Terphenyl-d14	19.901	244	3418819	72.601	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.314	88	135923	31.805	ng		99
3) Pyridine	3.708	79	382452	32.500	ng		99
4) n-Nitrosodimethylamine	3.614	42	204632	36.852	ng		99
6) Aniline	7.090	93	471572	25.382	ng		100
8) 2-Chlorophenol	7.331	128	434808	38.924	ng		100
9) Benzaldehyde	6.907	77	238499	29.400	ng		99
10) Phenol	6.972	94	552387	38.706	ng		99
11) bis(2-Chloroethyl)ether	7.184	93	427685	37.301	ng		96
12) 1,3-Dichlorobenzene	7.649	146	478704	37.653	ng		97
13) 1,4-Dichlorobenzene	7.790	146	489997	37.836	ng		99
14) 1,2-Dichlorobenzene	8.102	146	467804	37.183	ng		100
15) Benzyl Alcohol	7.996	79	397237	35.519	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	691145	36.860	ng		100
17) 2-Methylphenol	8.196	107	365386	37.975	ng		99
18) Hexachloroethane	8.819	117	183140	37.023	ng		97
19) n-Nitroso-di-n-propyla...	8.549	70	338007	35.806	ng		99
20) 3+4-Methylphenols	8.519	107	488522	36.254	ng		99
22) Acetophenone	8.560	105	698464	40.621	ng	#	99
24) Nitrobenzene	8.937	77	498625	38.105	ng		97
25) Isophorone	9.460	82	925880	36.113	ng		99
26) 2-Nitrophenol	9.643	139	226790	39.036	ng		95
27) 2,4-Dimethylphenol	9.707	122	397240	38.974	ng		98
28) bis(2-Chloroethoxy)met...	9.931	93	566916	38.253	ng		100
29) 2,4-Dichlorophenol	10.184	162	412664	40.608	ng		100
30) 1,2,4-Trichlorobenzene	10.384	180	439123	38.342	ng		99
31) Naphthalene	10.572	128	1302186	37.533	ng		100
32) Benzoic acid	9.872	122	303703	40.078	ng		97
33) 4-Chloroaniline	10.684	127	293810	20.318	ng		99
34) Hexachlorobutadiene	10.854	225	285624	38.741	ng		99
35) Caprolactam	11.478	113	141780m	36.192	ng		
36) 4-Chloro-3-methylphenol	11.819	107	463277	38.238	ng		97
37) 2-Methylnaphthalene	12.178	142	838936	37.649	ng		99
38) 1-Methylnaphthalene	12.395	142	860734	36.222	ng		99
40) 1,2,4,5-Tetrachloroben...	12.548	216	524326	41.516	ng		99
41) Hexachlorocyclopentadiene	12.531	237	522921	76.023	ng		99
43) 2,4,6-Trichlorophenol	12.795	196	341500	41.132	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025774.D
Acq On : 17 Sep 2025 20:35
Operator : CG/JU
Sample : PB169719BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 18 04:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169719BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	380833	41.215	ng		95
46) 1,1'-Biphenyl	13.195	154	1271773	41.573	ng		99
47) 2-Chloronaphthalene	13.237	162	931691	38.679	ng		99
48) 2-Nitroaniline	13.442	65	317780	39.576	ng		99
49) Acenaphthylene	14.089	152	1564782	39.207	ng		100
50) Dimethylphthalate	13.825	163	1232543	38.735	ng		100
51) 2,6-Dinitrotoluene	13.942	165	269502	39.977	ng		99
52) Acenaphthene	14.437	154	873516	37.952	ng		99
53) 3-Nitroaniline	14.284	138	202335	28.541	ng		99
54) 2,4-Dinitrophenol	14.501	184	319695	73.363	ng		98
55) Dibenzofuran	14.778	168	1444470	38.507	ng		98
56) 4-Nitrophenol	14.619	139	438046	72.215	ng		96
57) 2,4-Dinitrotoluene	14.742	165	389301	40.577	ng		95
58) Fluorene	15.436	166	1143758	38.344	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	332721	39.973	ng		98
60) Diethylphthalate	15.207	149	1268288	39.295	ng		100
61) 4-Chlorophenyl-phenyle...	15.425	204	578906	38.509	ng		98
62) 4-Nitroaniline	15.460	138	285861	39.361	ng		98
63) Azobenzene	15.725	77	1224620	39.240	ng		99
65) 4,6-Dinitro-2-methylph...	15.531	198	227526	40.291	ng		95
66) n-Nitrosodiphenylamine	15.648	169	1039816	40.015	ng		100
67) 4-Bromophenyl-phenylether	16.348	248	378303	40.553	ng		99
68) Hexachlorobenzene	16.466	284	406369	39.063	ng		96
69) Atrazine	16.631	200	403995	40.672	ng		98
70) Pentachlorophenol	16.819	266	541321	78.842	ng		98
71) Phenanthrene	17.213	178	1884872	39.131	ng		99
72) Anthracene	17.313	178	1929629	39.483	ng		100
73) Carbazole	17.589	167	1799258	39.599	ng		100
74) Di-n-butylphthalate	18.177	149	2260758	40.545	ng		100
75) Fluoranthene	19.307	202	2240678	38.787	ng		99
77) Benzidine	19.507	184	835116	34.222	ng		99
78) Pyrene	19.683	202	2343737	41.462	ng		99
80) Butylbenzylphthalate	20.630	149	1029397	41.533	ng		98
81) Benzo(a)anthracene	21.601	228	2298048	39.623	ng		100
82) 3,3'-Dichlorobenzidine	21.524	252	557181	27.784	ng		100
83) Chrysene	21.677	228	2198224	39.761	ng		99
84) Bis(2-ethylhexyl)phtha...	21.536	149	1492612	41.163	ng		99
85) Di-n-octyl phthalate	22.813	149	2569490	39.836	ng		100
87) Indeno(1,2,3-cd)pyrene	28.812	276	2715724	42.775	ng	#	74
88) Benzo(b)fluoranthene	23.918	252	2231239	41.793	ng		99
89) Benzo(k)fluoranthene	23.989	252	2184839	40.104	ng		99
90) Benzo(a)pyrene	24.824	252	2114441	40.442	ng		99
91) Dibenzo(a,h)anthracene	28.889	278	2200197	42.348	ng		99
92) Benzo(g,h,i)perylene	29.983	276	2209083	43.235	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025774.D
Acq On : 17 Sep 2025 20:35
Operator : CG/JU
Sample : PB169719BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 18 04:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169719BS

Manual Integrations APPROVED

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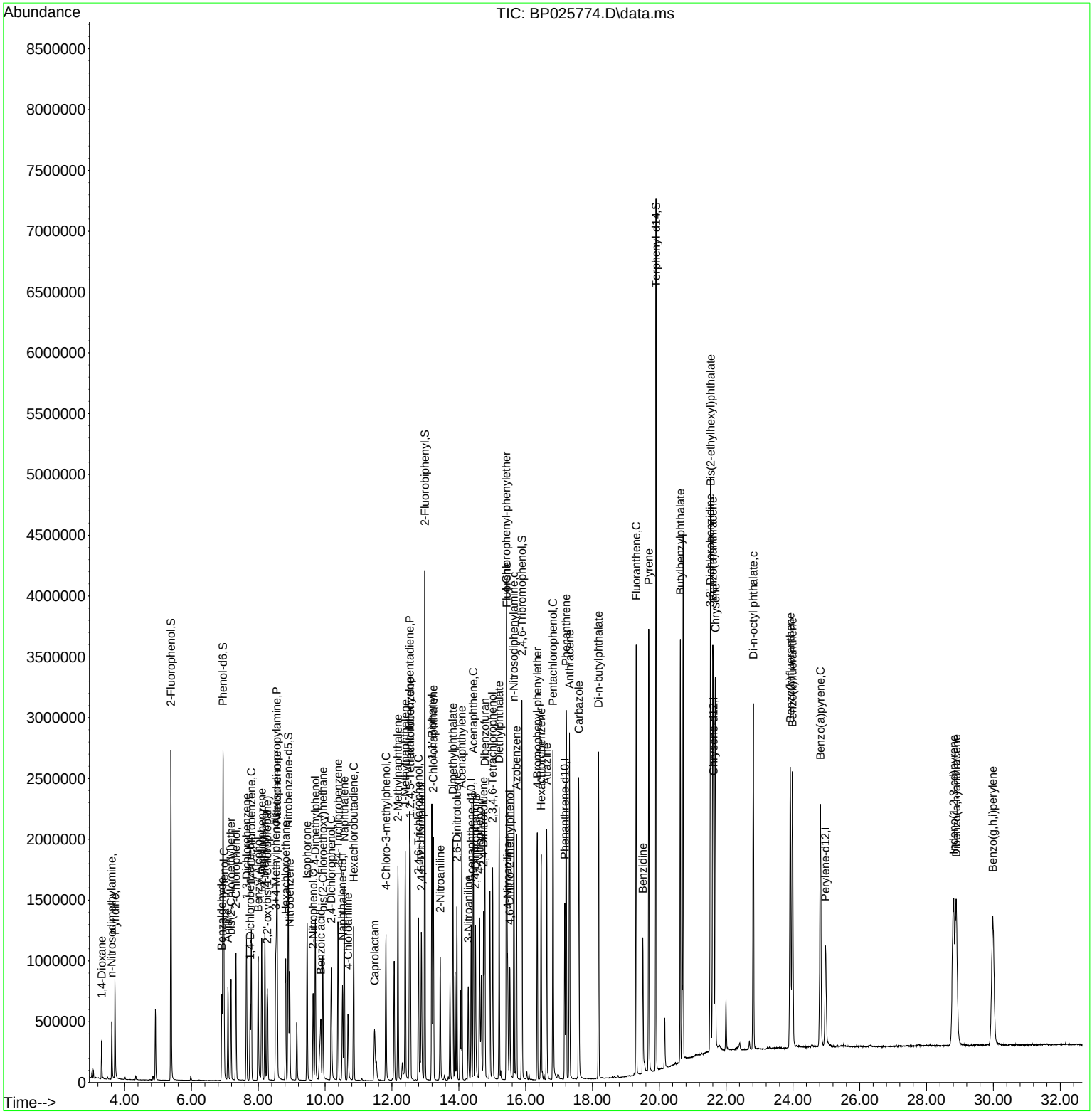
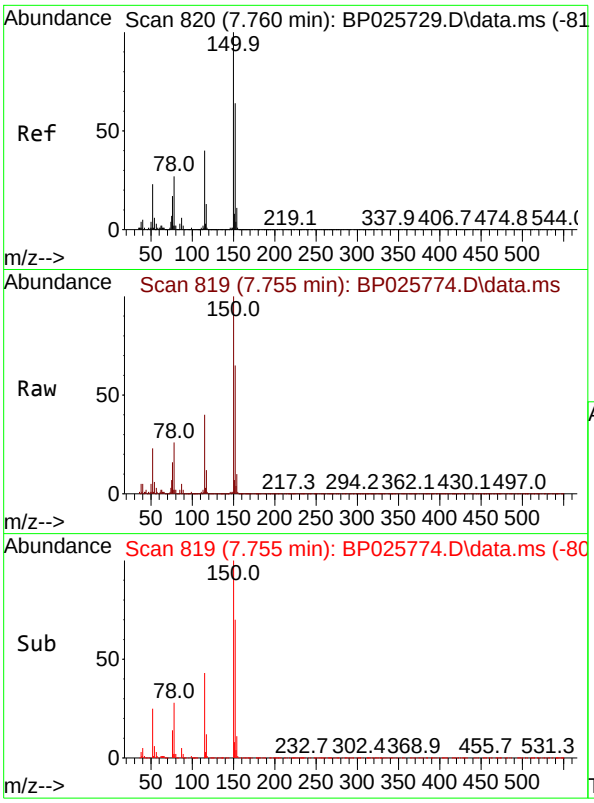
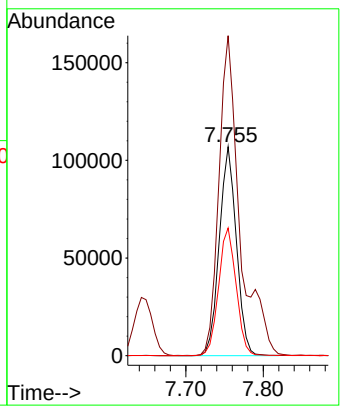




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 8
Delta R.T. -0.005 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:152 Resp: 16430

Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.3	186.5
115	61.1	50.3	75.5



Instrument :
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ClientSampleId :
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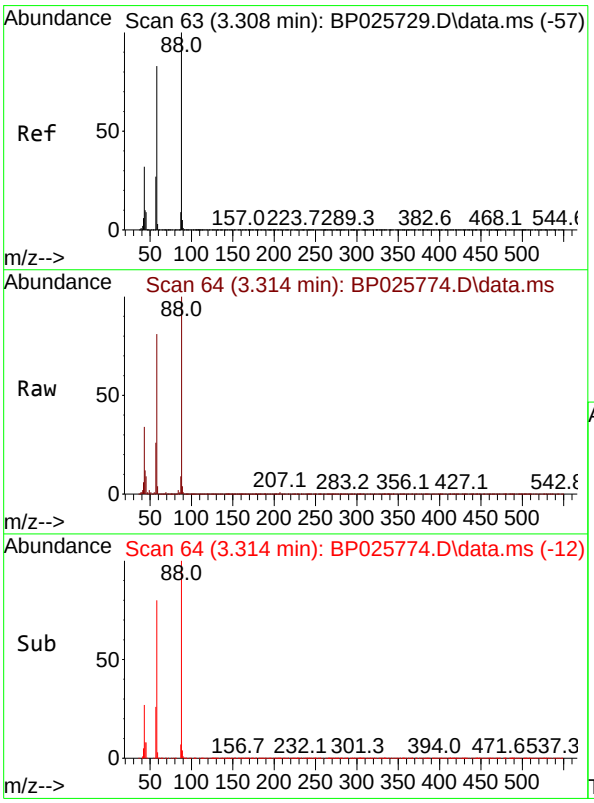
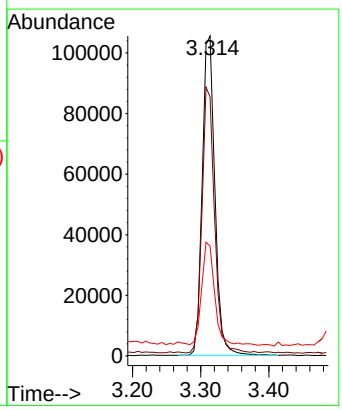
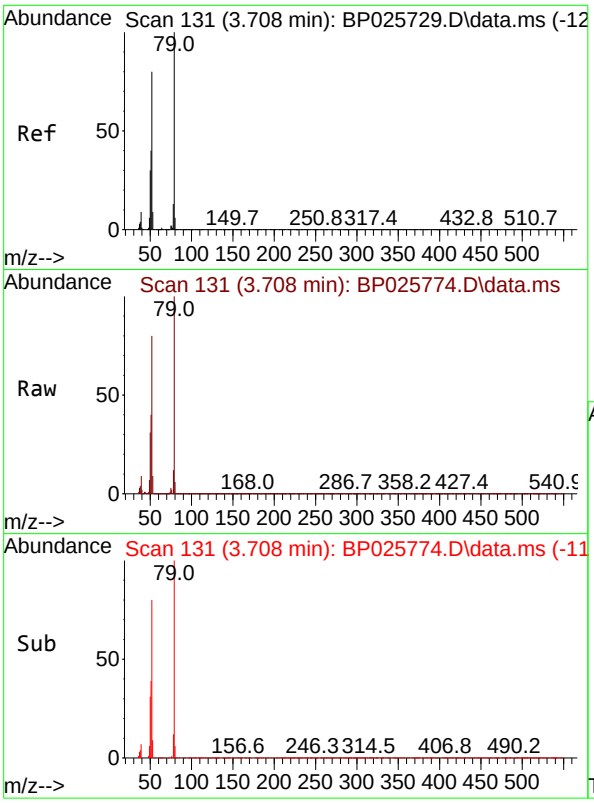


#2
1,4-Dioxane
Concen: 31.805 ng
RT: 3.314 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 88 Resp: 135923

Ion	Ratio	Lower	Upper
88	100		
58	82.6	65.5	98.3
43	33.2	25.2	37.8

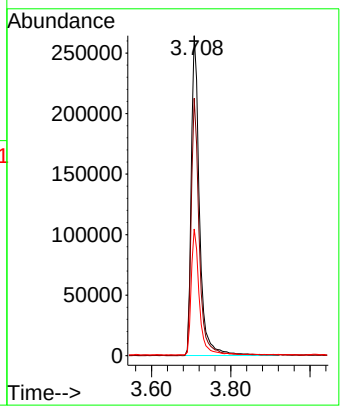




#3
Pyridine
Concen: 32.500 ng
RT: 3.708 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 79 Resp: 38245

Ion	Ratio	Lower	Upper
79	100		
52	80.4	63.7	95.5
51	39.6	32.4	48.6



Instrument :
BNA_P
ClientSampleId :
PB169719BS

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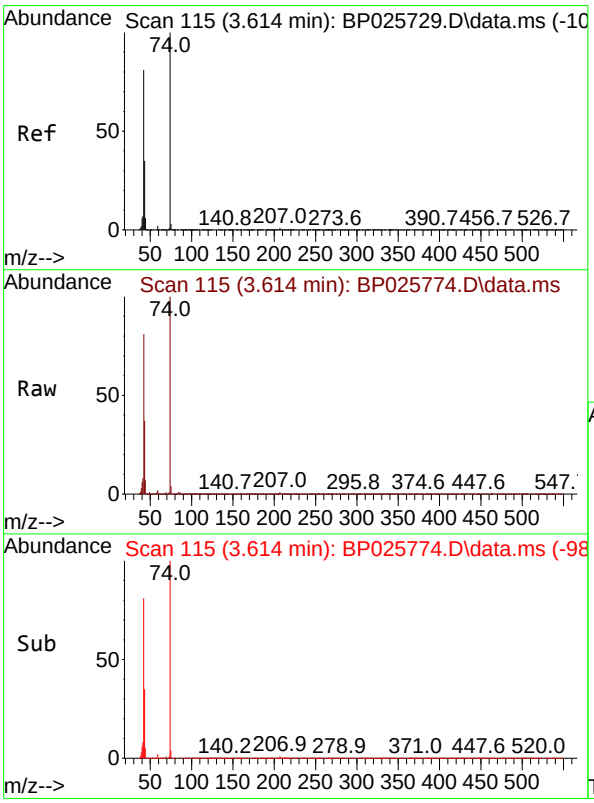
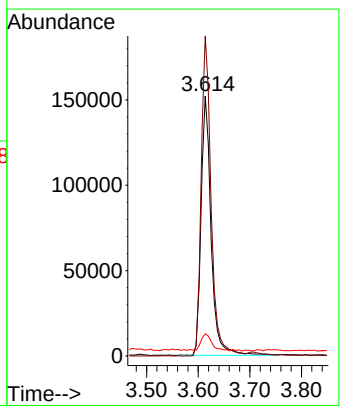
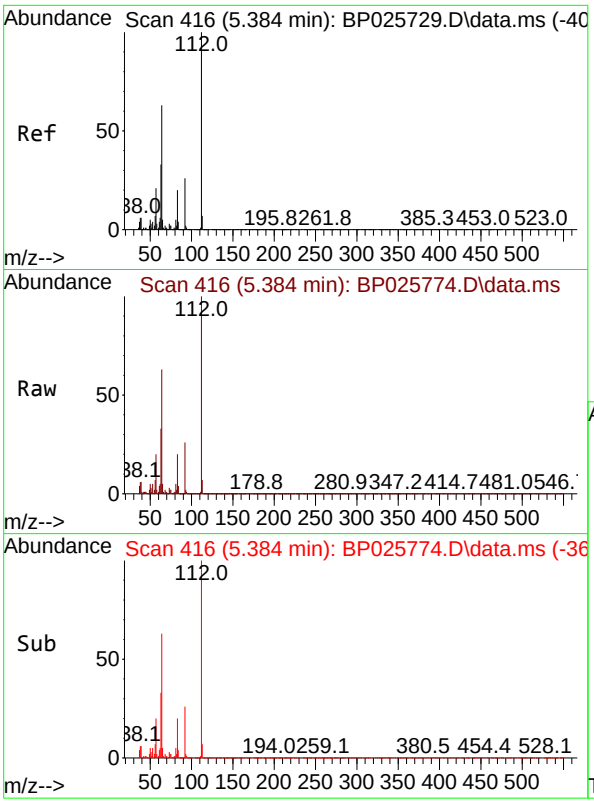


#4
n-Nitrosodimethylamine
Concen: 36.852 ng
RT: 3.614 min Scan# 115
Delta R.T. -0.000 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 42 Resp: 204632

Ion	Ratio	Lower	Upper
42	100		
74	123.1	99.2	148.8
44	8.5	6.4	9.6

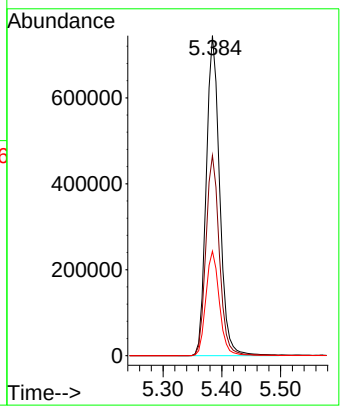




#5
2-Fluorophenol
Concen: 115.774 ng
RT: 5.384 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:112 Resp: 117887

Ion	Ratio	Lower	Upper
112	100		
64	62.6	50.2	75.4
63	32.7	26.7	40.1



Instrument :
BNA_P
ClientSampleId :
PB169719BS

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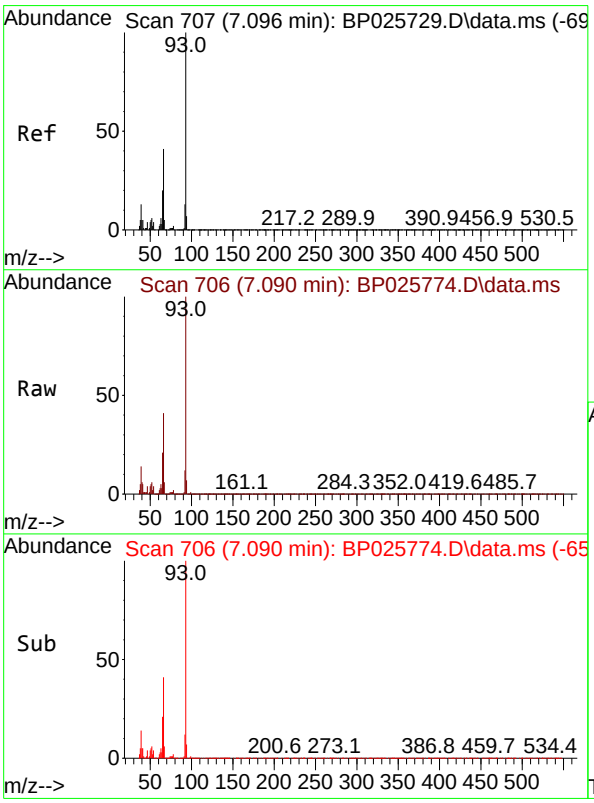
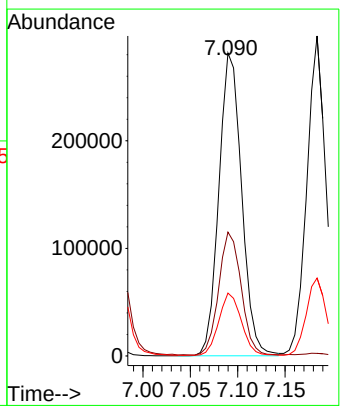
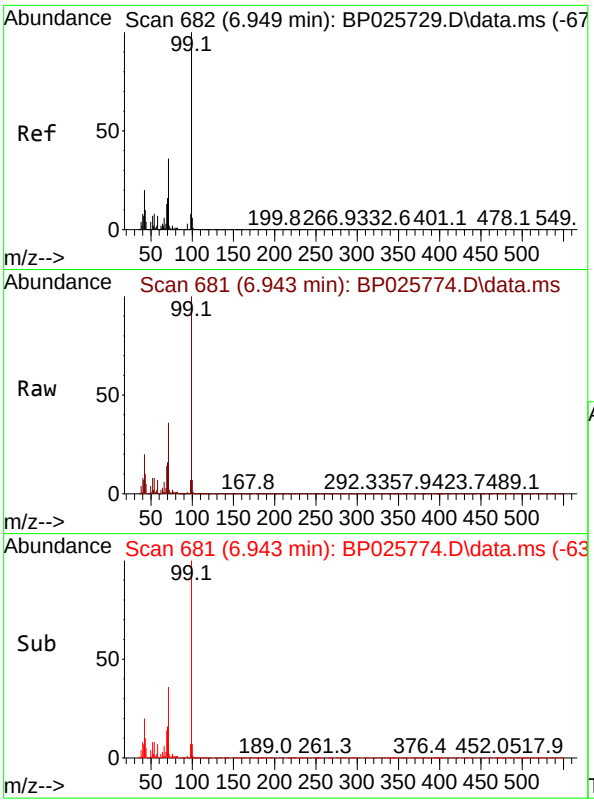


#6
Aniline
Concen: 25.382 ng
RT: 7.090 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 93 Resp: 471572

Ion	Ratio	Lower	Upper
93	100		
66	40.9	32.6	49.0
65	20.7	16.2	24.2

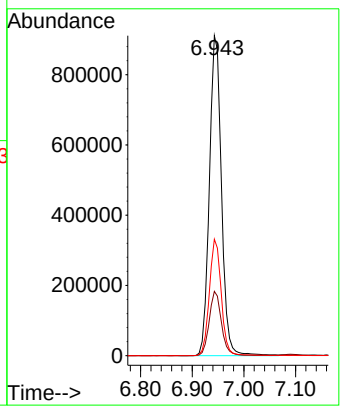




#7
Phenol-d6
Concen: 109.342 ng
RT: 6.943 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 99 Resp: 147987

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	36.4	28.6	43.0



Instrument :
BNA_P
ClientSampleId :
PB169719BS

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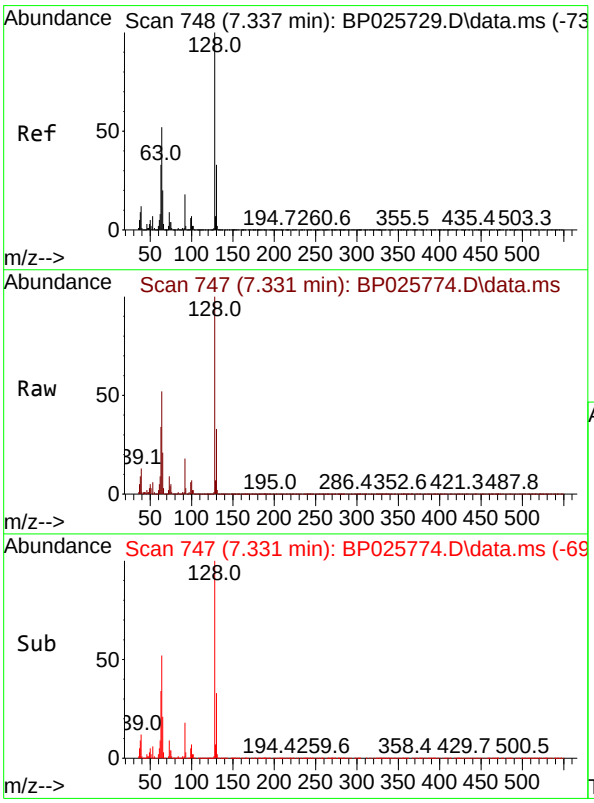
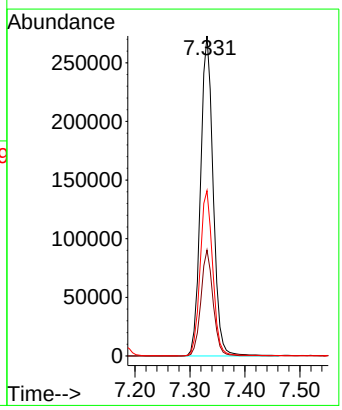
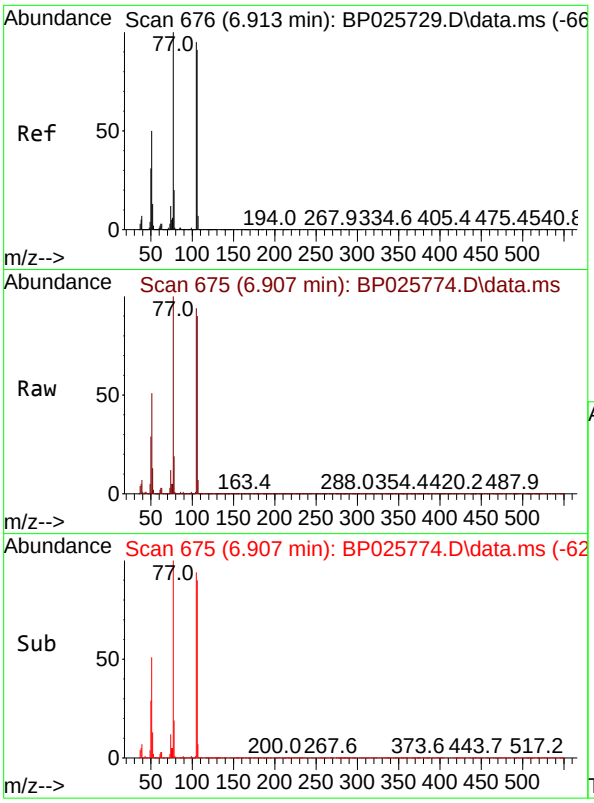


#8
2-Chlorophenol
Concen: 38.924 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:128 Resp: 434808

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	51.6	31.6	71.6

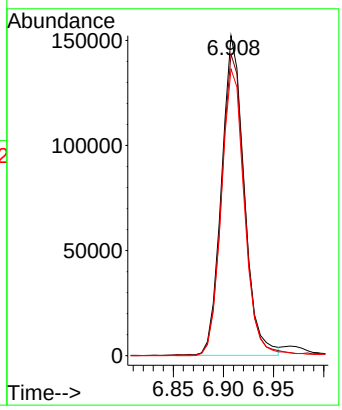




#9
Benzaldehyde
Concen: 29.400 ng
RT: 6.907 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 77 Resp: 23849

Ion	Ratio	Lower	Upper
77	100		
105	94.2	75.2	115.2
106	89.6	71.3	111.3



Instrument :
BNA_P
ClientSampleId :
PB169719BS

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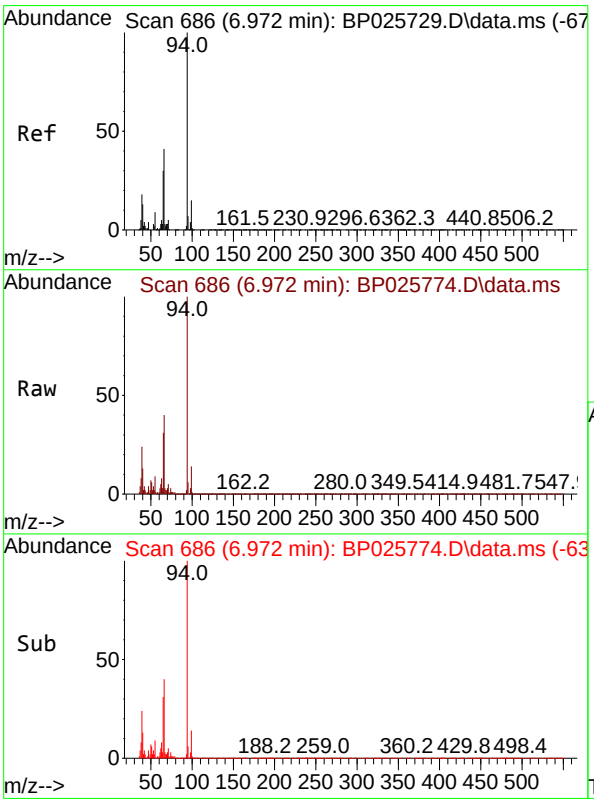
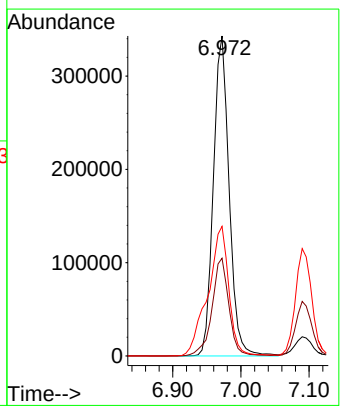
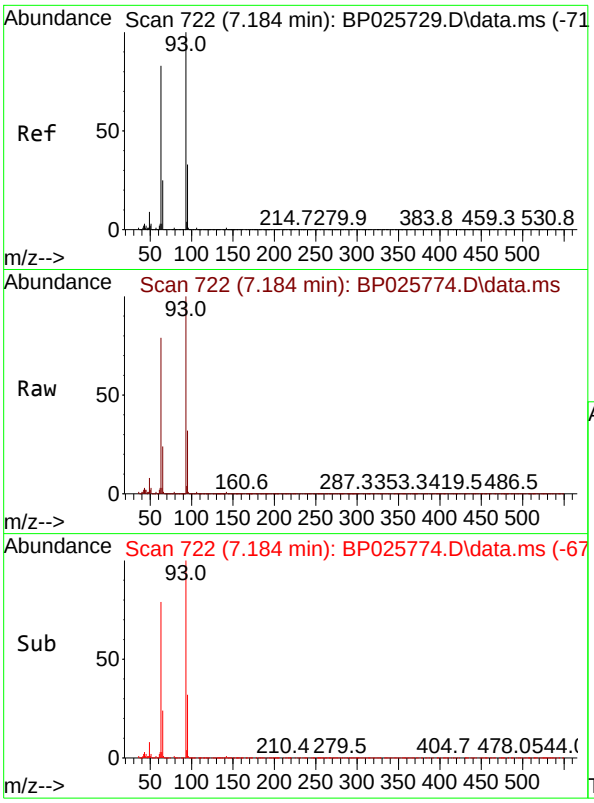


#10
Phenol
Concen: 38.706 ng
RT: 6.972 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 94 Resp: 552387

Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.2	50.2
66	40.5	21.4	61.4

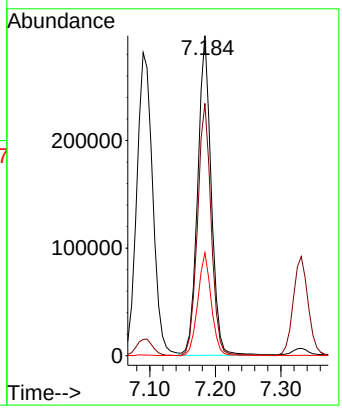




#11
bis(2-Chloroethyl)ether
Concen: 37.301 ng
RT: 7.184 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 93 Resp: 42768

Ion	Ratio	Lower	Upper
93	100		
63	78.9	62.6	102.6
95	32.1	13.2	53.2



Instrument :
BNA_P
ClientSampleId :
PB169719BS

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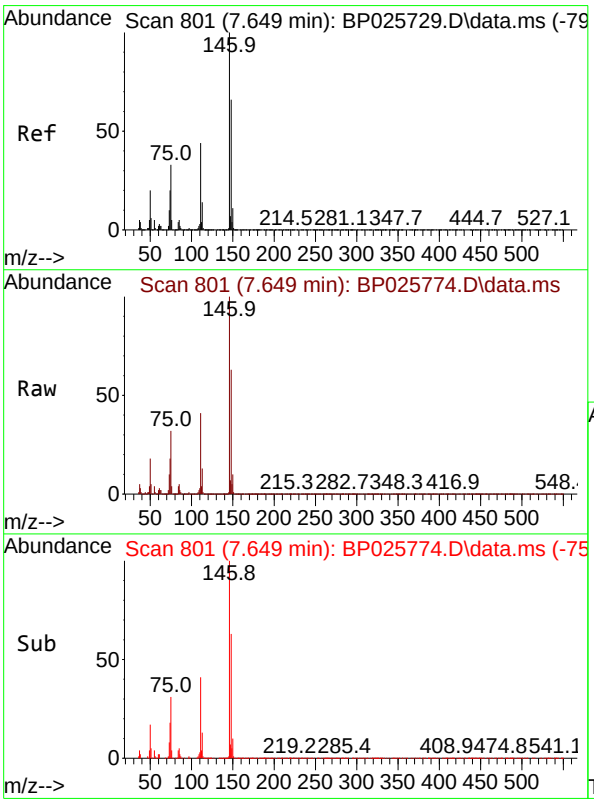
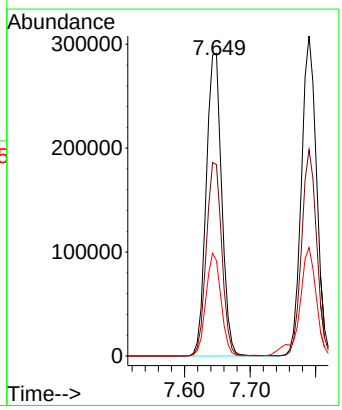
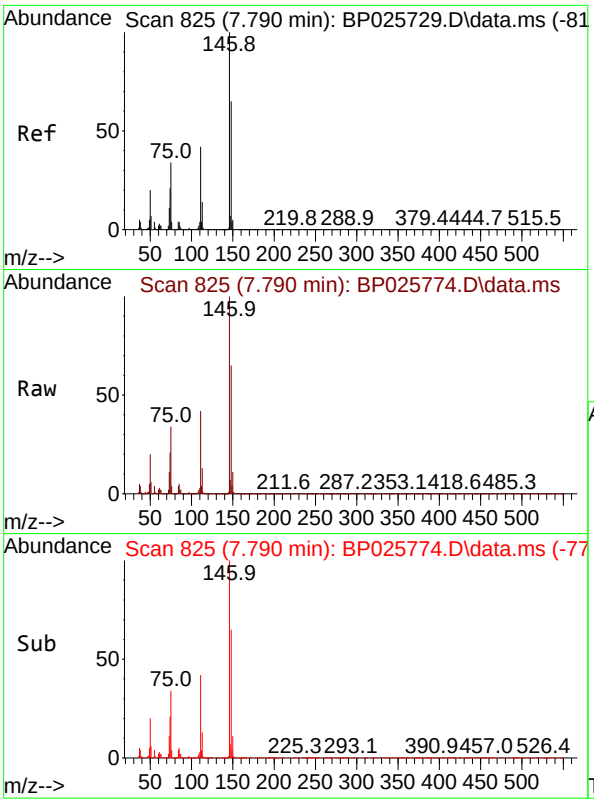


#12
1,3-Dichlorobenzene
Concen: 37.653 ng
RT: 7.649 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:146 Resp: 478704

Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.7	79.1
75	31.5	26.4	39.6





#13
1,4-Dichlorobenzene
Concen: 37.836 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:146 Resp: 48999

Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.0	78.0
111	42.1	33.9	50.9

Instrument :
BNA_P
ClientSampleId :
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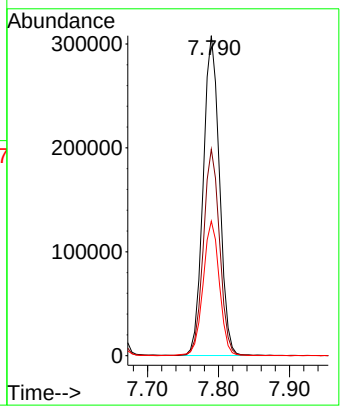
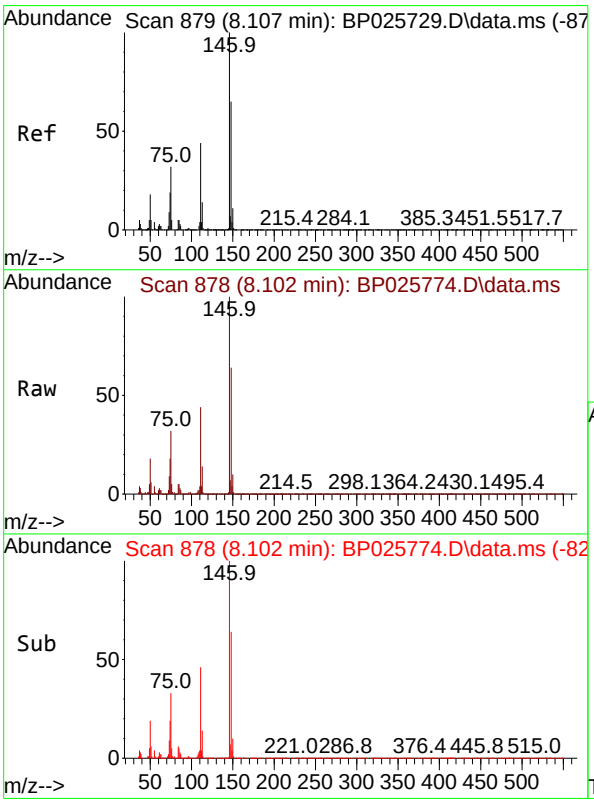
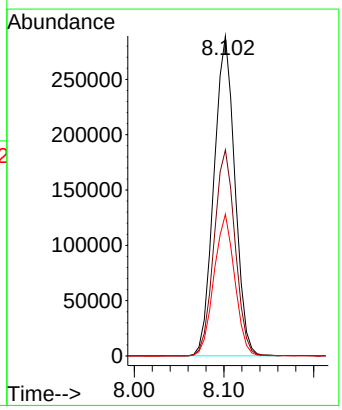


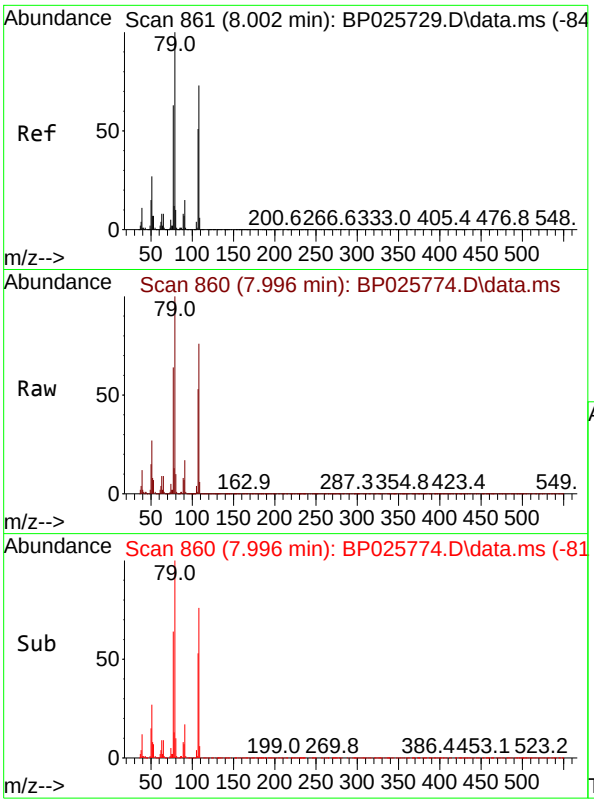


#14
1,2-Dichlorobenzene
Concen: 37.183 ng
RT: 8.102 min Scan# 878
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:146 Resp: 467804

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.7	77.5
111	44.3	35.5	53.3





#15
Benzyl Alcohol
Concen: 35.519 ng
RT: 7.996 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 79 Resp: 39723

Ion	Ratio	Lower	Upper
79	100		
108	76.2	58.7	88.1
77	63.8	50.2	75.2

Instrument :
BNA_P
ClientSampleId :
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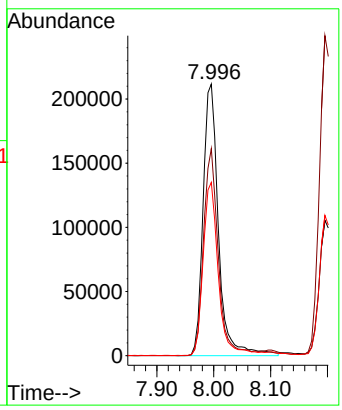
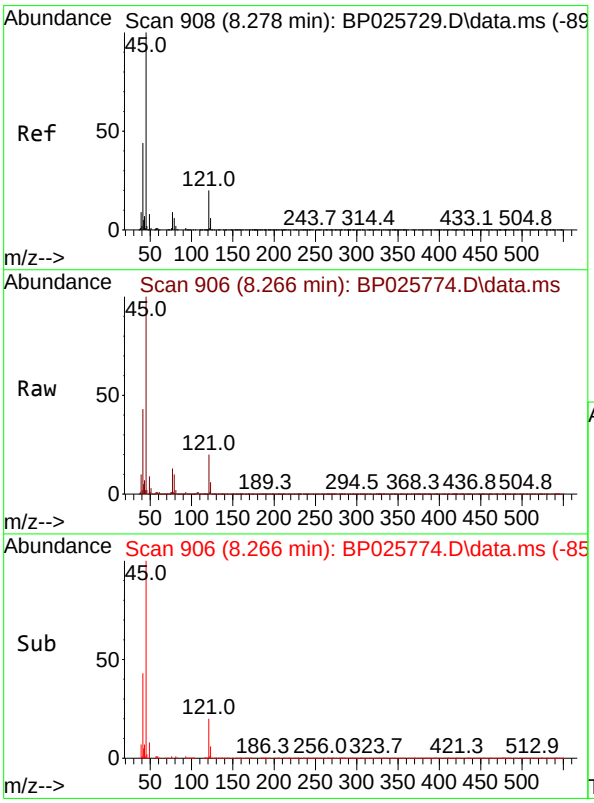
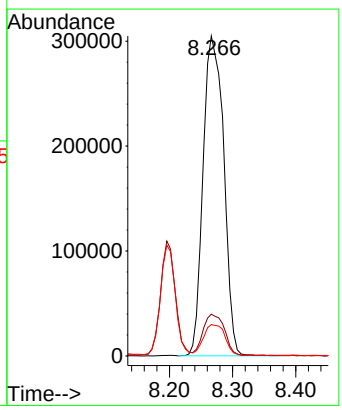


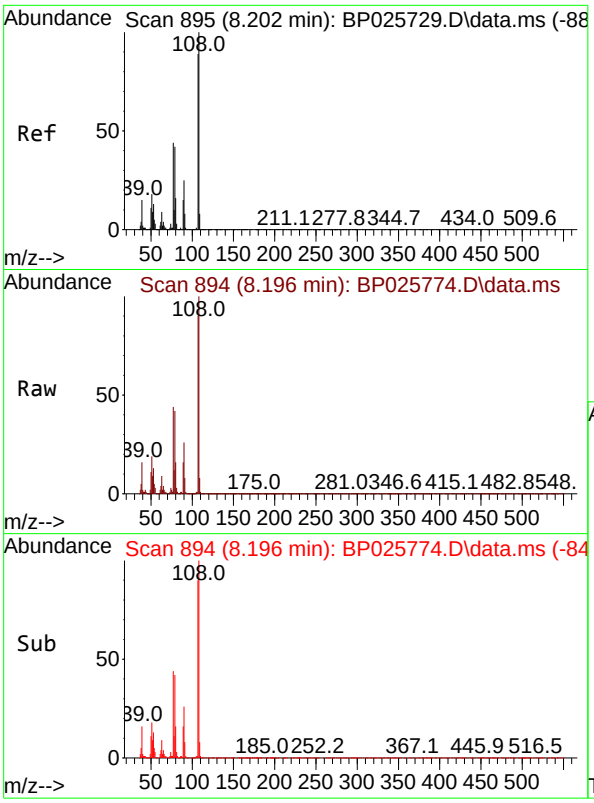


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.860 ng
RT: 8.266 min Scan# 906
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 45 Resp: 691145

Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	33.1
79	9.8	0.0	30.0

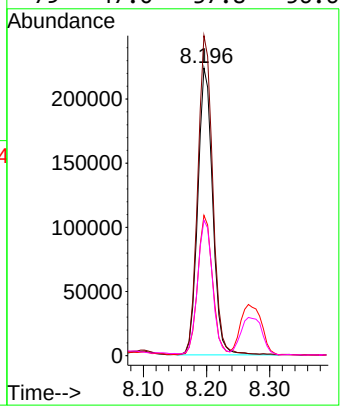




#17
2-Methylphenol
Concen: 37.975 ng
RT: 8.196 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:107 Resp: 36538

Ion	Ratio	Lower	Upper
107	100		
108	111.2	89.6	134.4
77	48.8	39.3	58.9
79	47.0	37.8	56.6



Instrument :
BNA_P
ClientSampleId :
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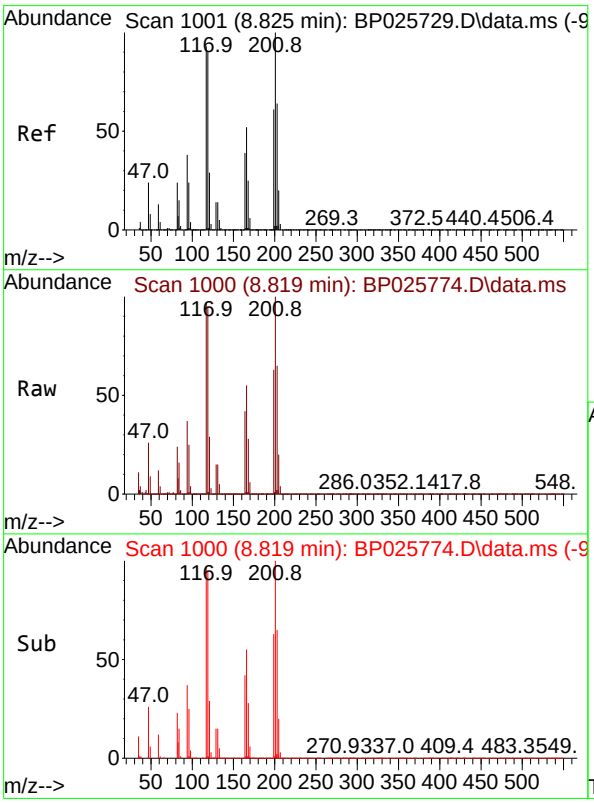
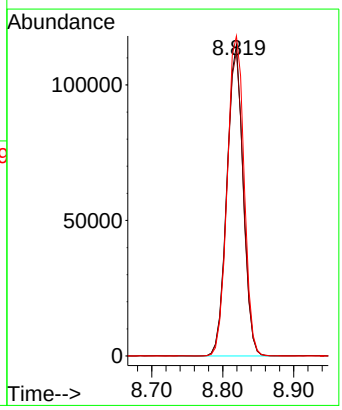
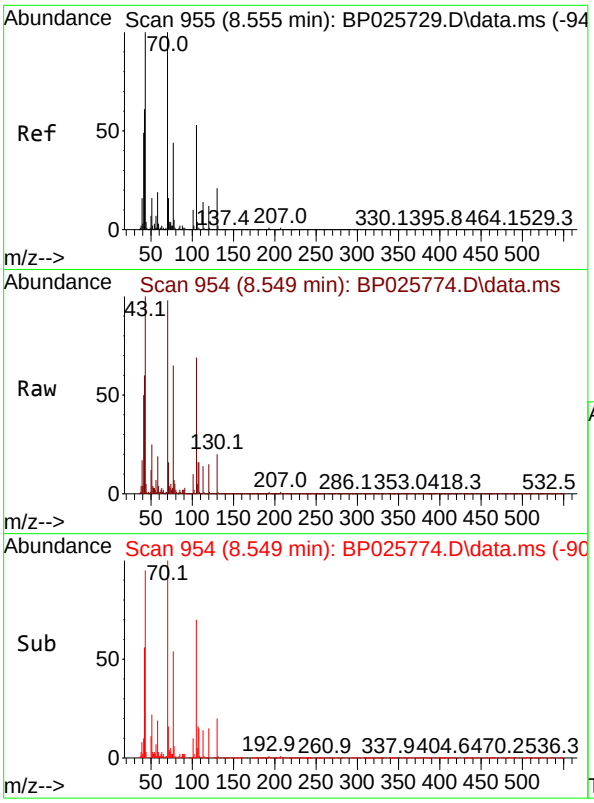


#18
Hexachloroethane
Concen: 37.023 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:117 Resp: 183140

Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.1	115.7
201	102.8	85.6	128.4

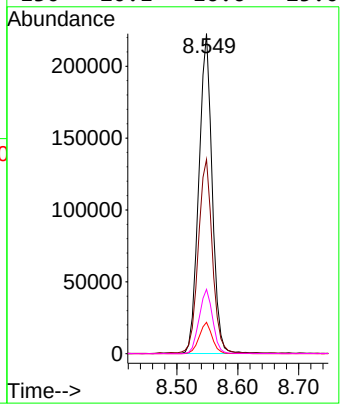




#19
n-Nitroso-di-n-propylamine
Concen: 35.806 ng
RT: 8.549 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 70 Resp: 33800

Ion	Ratio	Lower	Upper
70	100		
42	60.7	49.0	73.4
101	9.8	7.9	11.9
130	20.1	16.6	25.0



Instrument :
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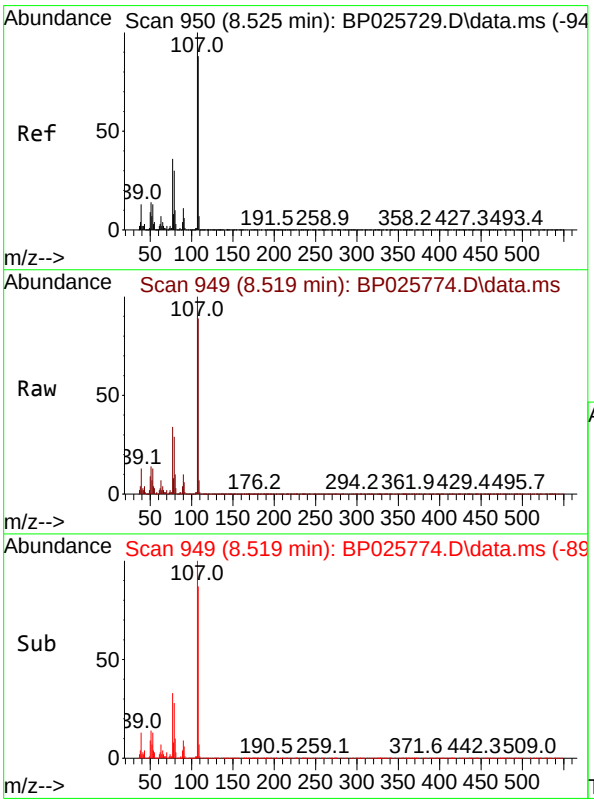
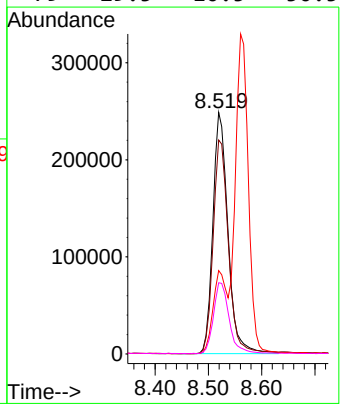
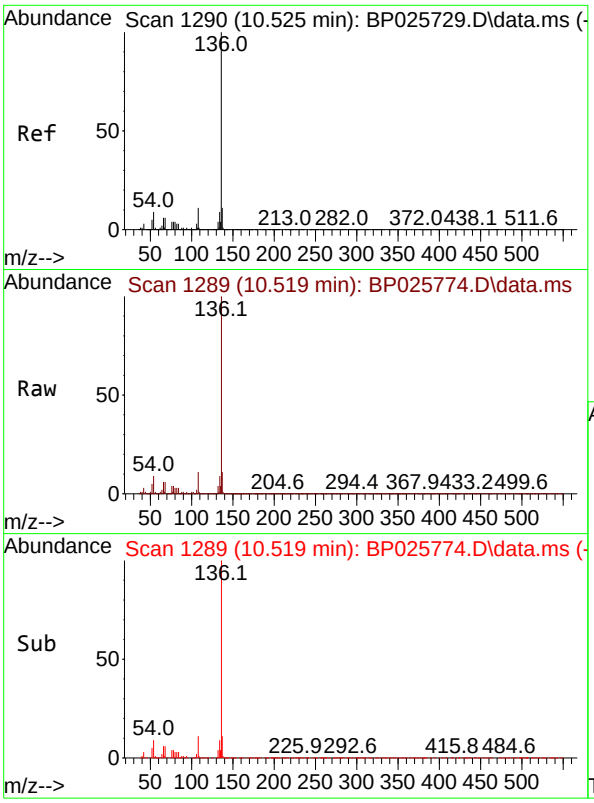


#20
3+4-Methylphenols
Concen: 36.254 ng
RT: 8.519 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:107 Resp: 488522

Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.8	107.8
77	34.5	16.1	56.1
79	29.5	10.5	50.5

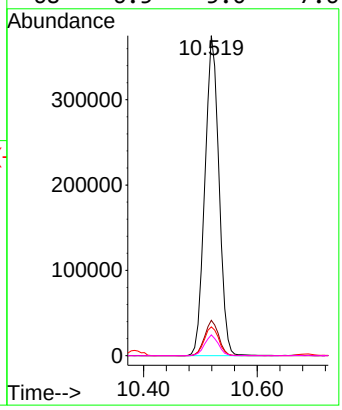




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:136 Resp: 64342

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.0	7.5	11.3
68	6.5	5.0	7.6



Instrument :
BNA_P
ClientSampleId :
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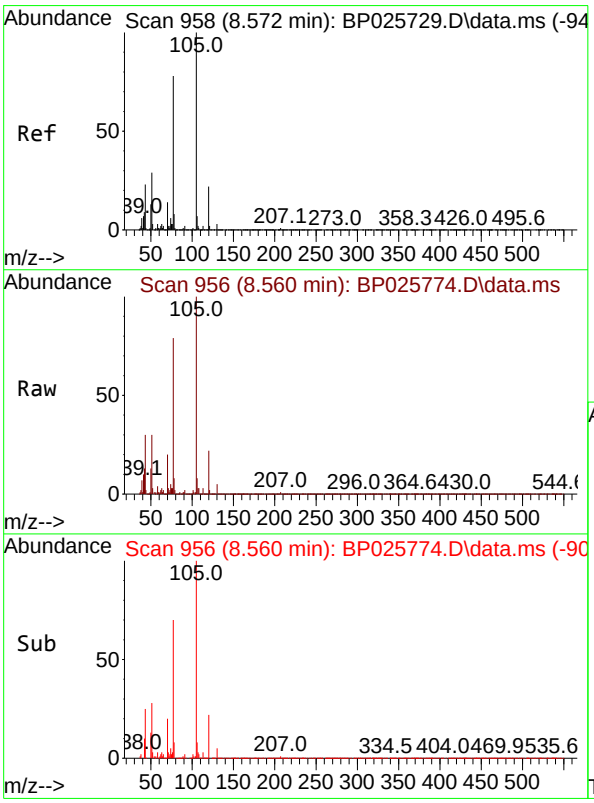
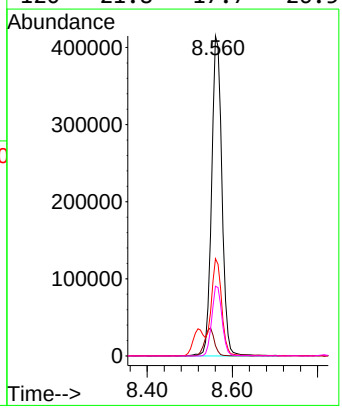
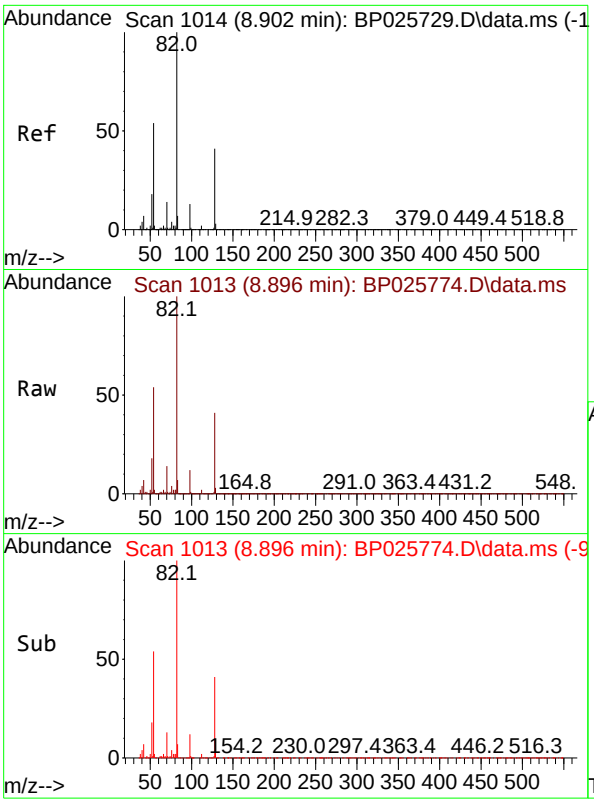


#22
Acetophenone
Concen: 40.621 ng
RT: 8.560 min Scan# 956
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:105 Resp: 698464

Ion	Ratio	Lower	Upper
105	100		
71	3.2	1.8	2.8#
51	30.4	23.5	35.3
120	21.8	17.7	26.5

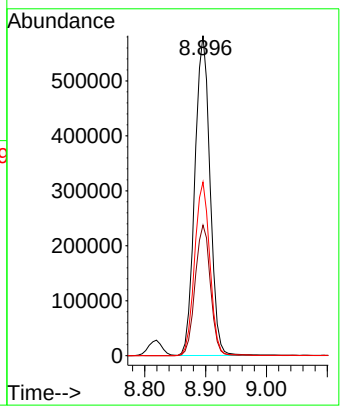




#23
Nitrobenzene-d5
Concen: 68.995 ng
RT: 8.896 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 82 Resp: 100640

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.9	49.3
54	54.3	43.4	65.2



Instrument :
BNA_P
ClientSampleId :
PB169719BS

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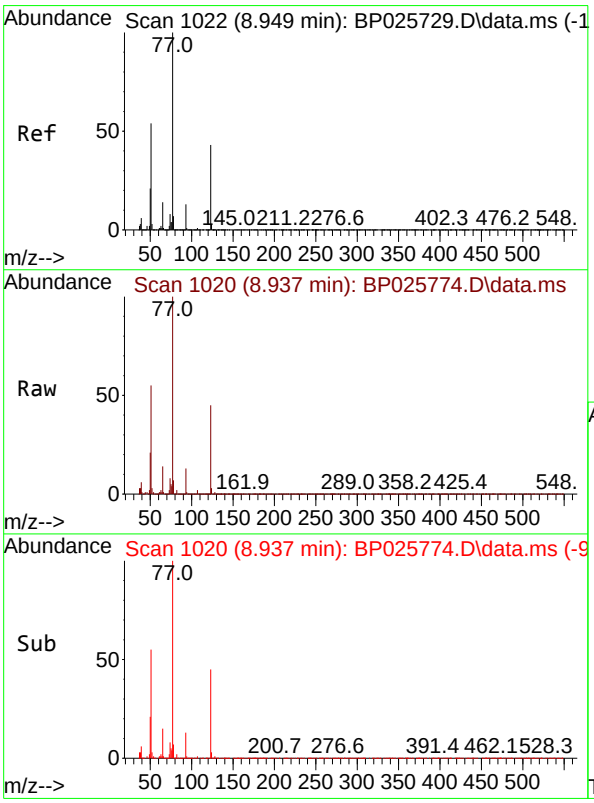
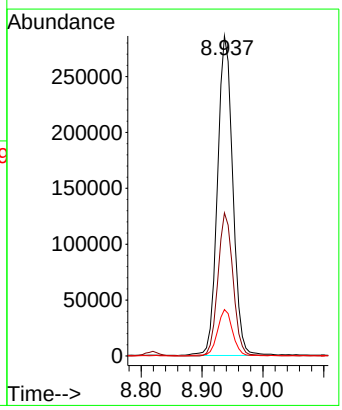
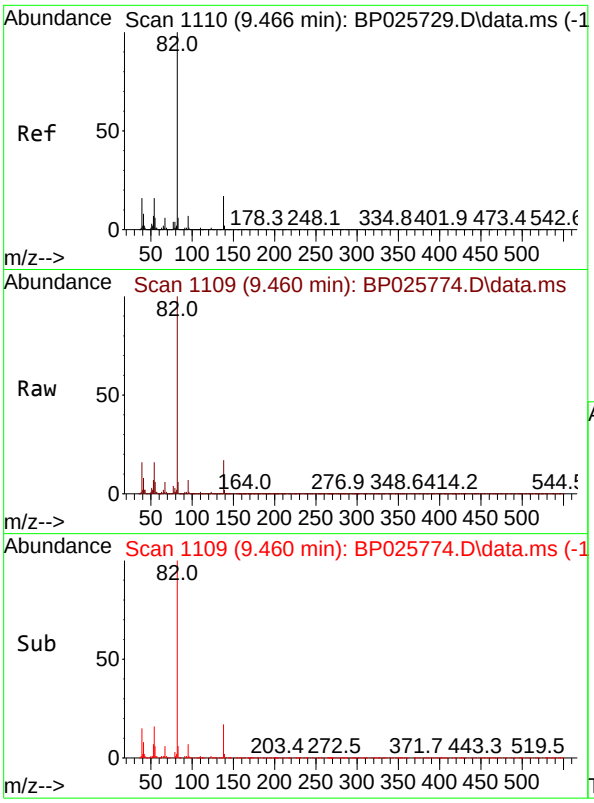


#24
Nitrobenzene
Concen: 38.105 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 77 Resp: 498625

Ion	Ratio	Lower	Upper
77	100		
123	44.7	34.4	51.6
65	14.5	10.8	16.2

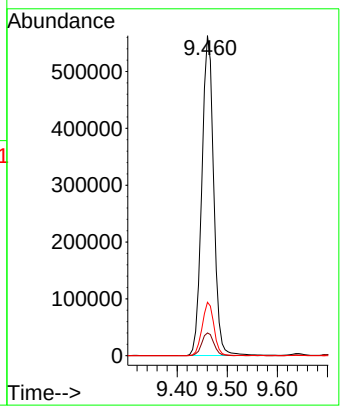




#25
Isophorone
Concen: 36.113 ng
RT: 9.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 82 Resp: 92588

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.8
138	16.7	13.5	20.3



Instrument :
BNA_P
ClientSampleId :
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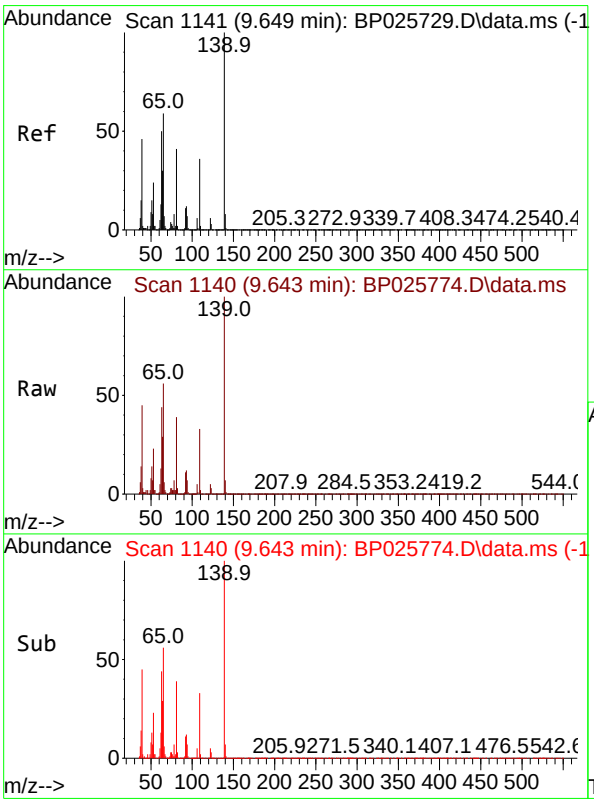
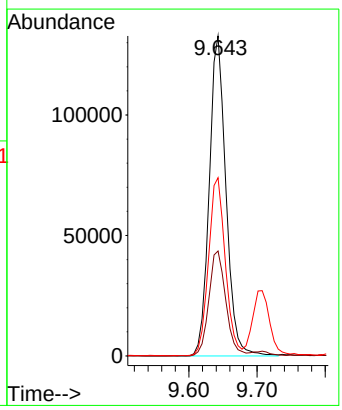
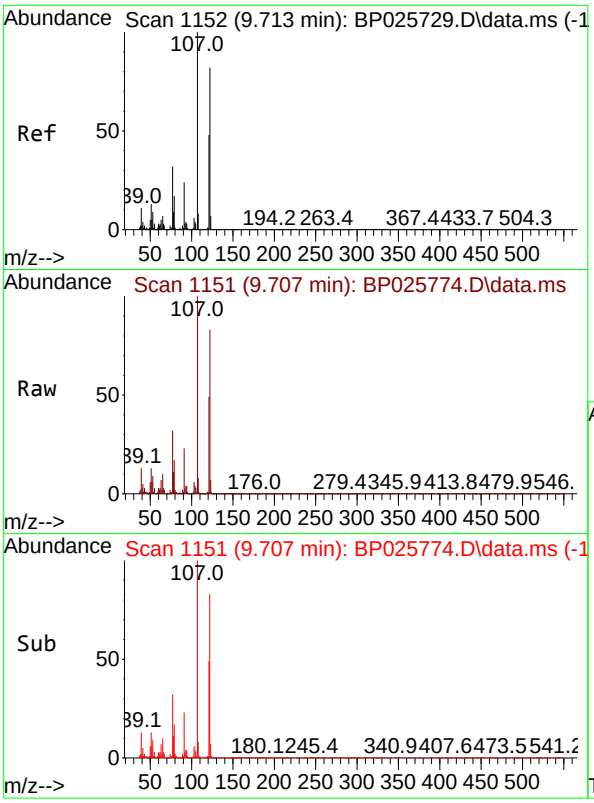


#26
2-Nitrophenol
Concen: 39.036 ng
RT: 9.643 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:139 Resp: 226790

Ion	Ratio	Lower	Upper
139	100		
109	32.8	29.0	43.4
65	55.7	46.9	70.3





#27
2,4-Dimethylphenol
Concen: 38.974 ng
RT: 9.707 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:122 Resp: 39724

Ion	Ratio	Lower	Upper
122	100		
107	120.0	97.9	146.9
121	58.3	47.4	71.0

Instrument :
BNA_P
ClientSampleId :
PB169719BS

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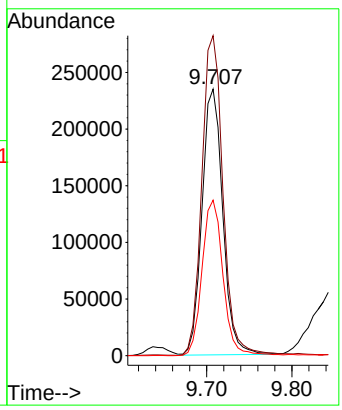
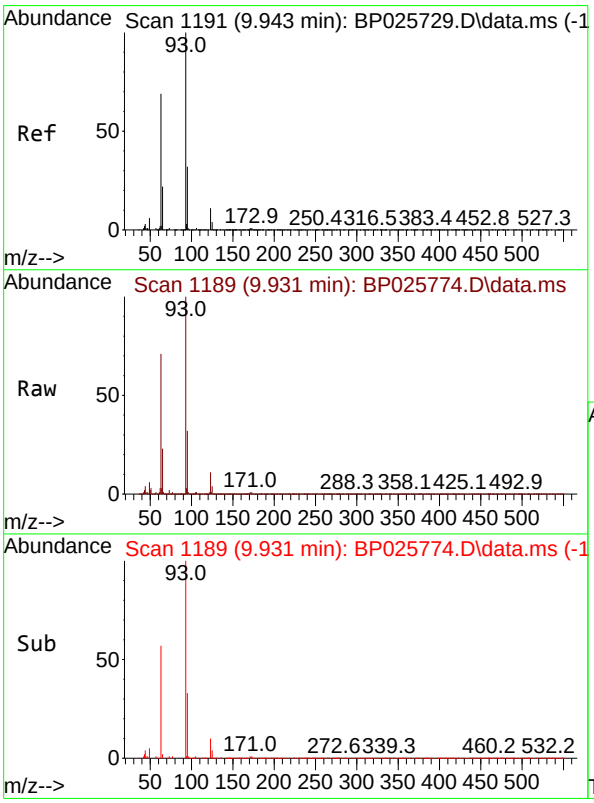
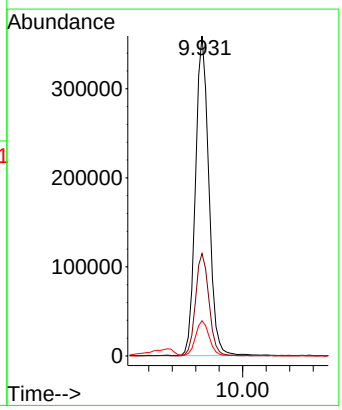


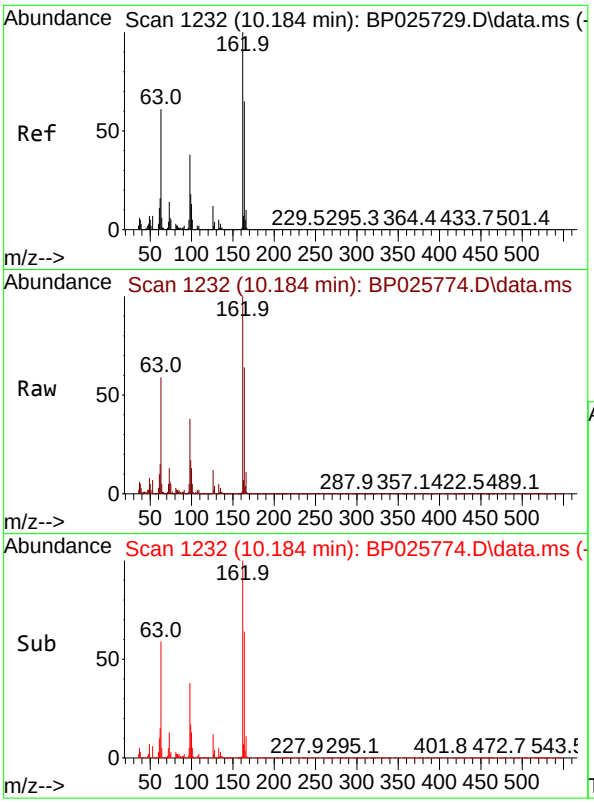


#28
bis(2-Chloroethoxy)methane
Concen: 38.253 ng
RT: 9.931 min Scan# 1189
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 93 Resp: 566916

Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.6	38.4
123	11.0	9.2	13.8

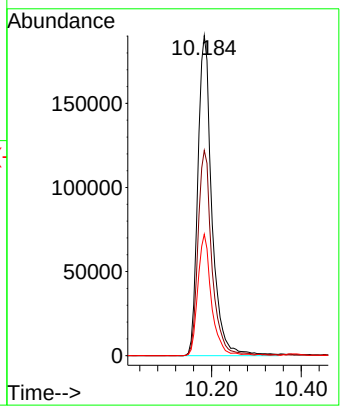




#29
2,4-Dichlorophenol
Concen: 40.608 ng
RT: 10.184 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:162 Resp: 41266

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.7	84.7
98	38.0	18.1	58.1



Instrument :
BNA_P
ClientSampleId :
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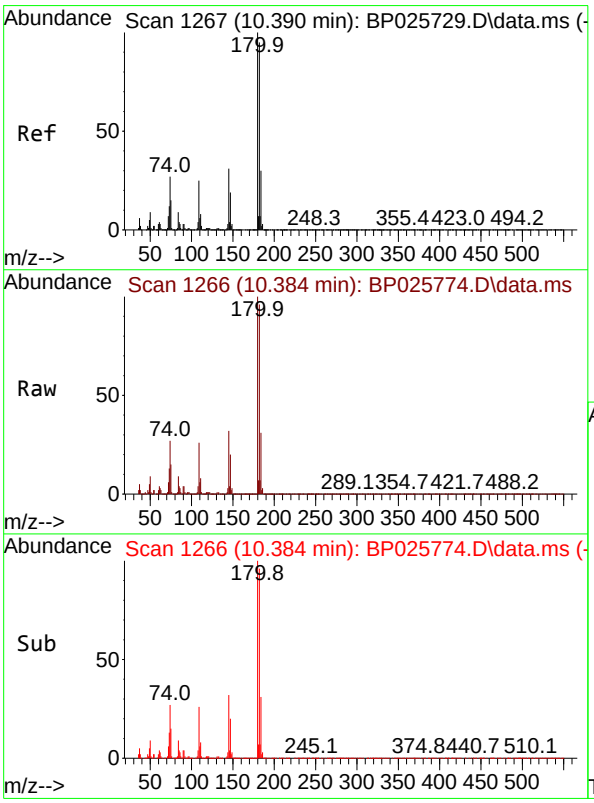
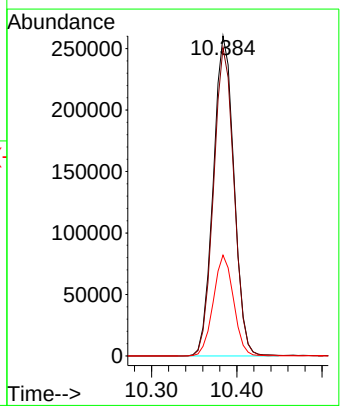
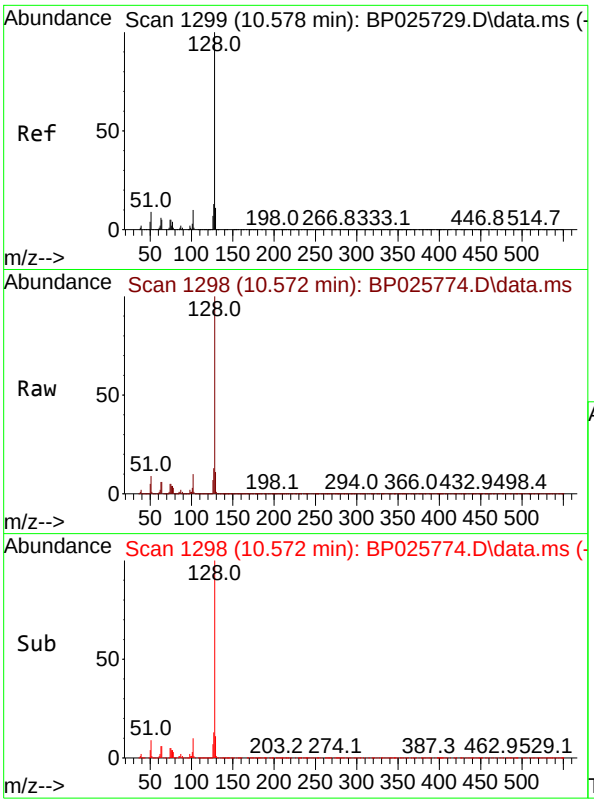


#30
1,2,4-Trichlorobenzene
Concen: 38.342 ng
RT: 10.384 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:180 Resp: 439123

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.0	114.0
145	31.5	24.7	37.1

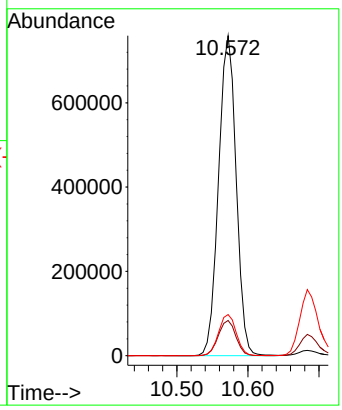




#31
Naphthalene
Concen: 37.533 ng
RT: 10.572 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:128 Resp: 130218

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	12.8	10.2	15.4



Instrument :
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ClientSampleId :
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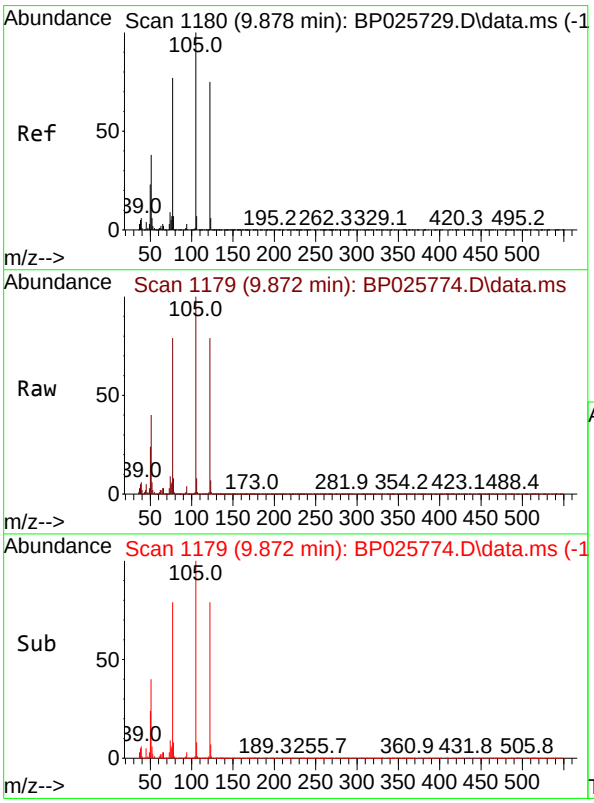
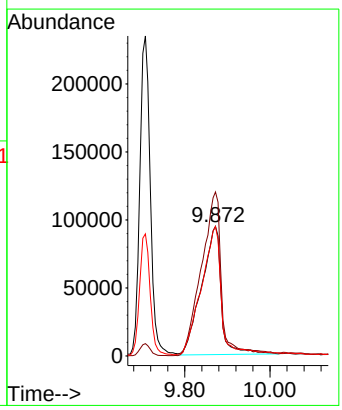
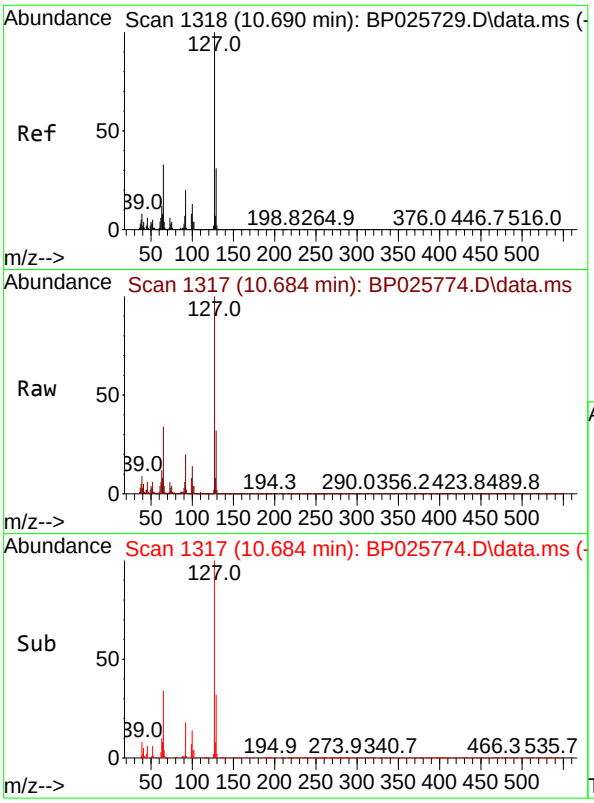


#32
Benzoic acid
Concen: 40.078 ng
RT: 9.872 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:122 Resp: 303703

Ion	Ratio	Lower	Upper
122	100		
105	126.6	111.5	151.5
77	99.9	81.8	121.8

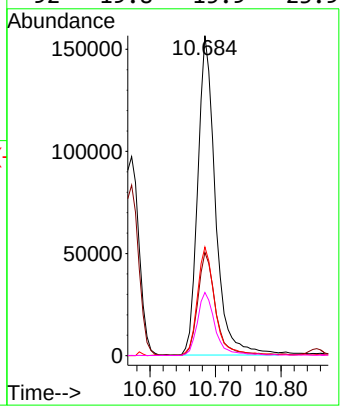




#33
4-Chloroaniline
Concen: 20.318 ng
RT: 10.684 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:127 Resp: 29381

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.1	37.7
65	33.9	26.4	39.6
92	19.8	15.9	23.9



Instrument :
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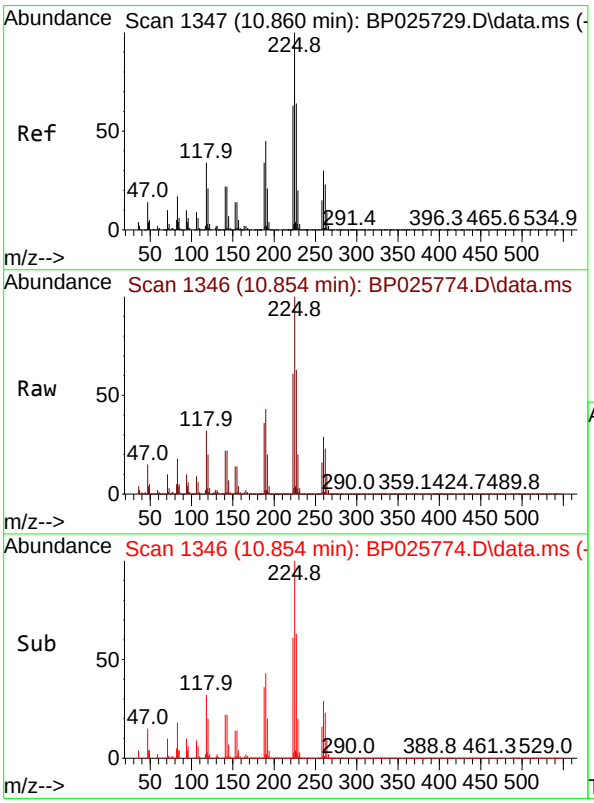
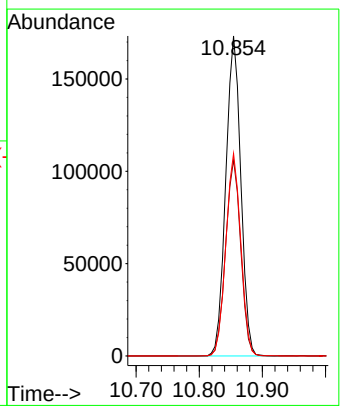
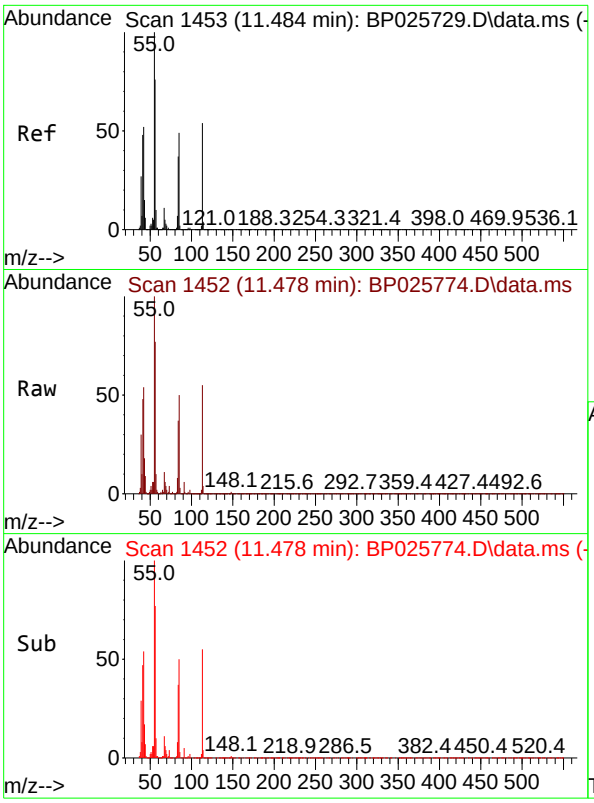


#34
Hexachlorobutadiene
Concen: 38.741 ng
RT: 10.854 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:225 Resp: 285624

Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.1	75.1
227	63.3	51.2	76.8

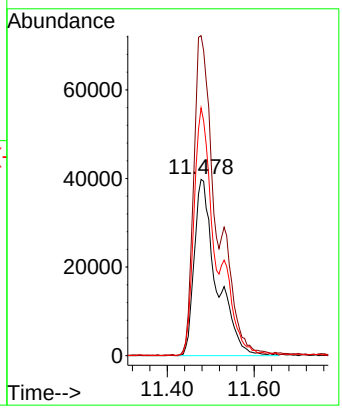




#35
Caprolactam
Concen: 36.192 ng m
RT: 11.478 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:113 Resp: 14178

Ion	Ratio	Lower	Upper
113	100		
55	181.4	165.5	205.5
56	140.5	121.1	161.1



Instrument :
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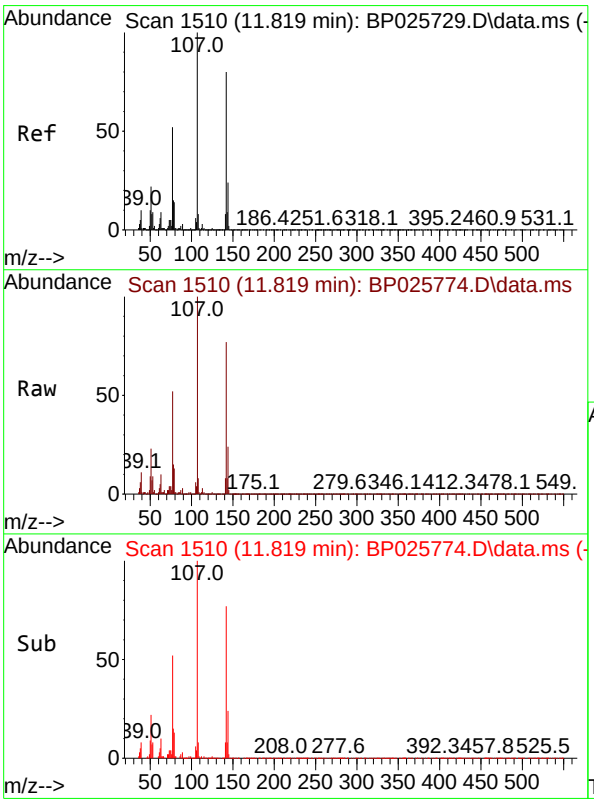
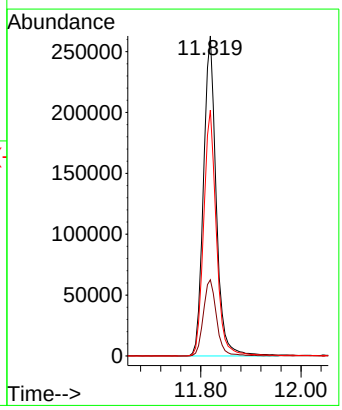
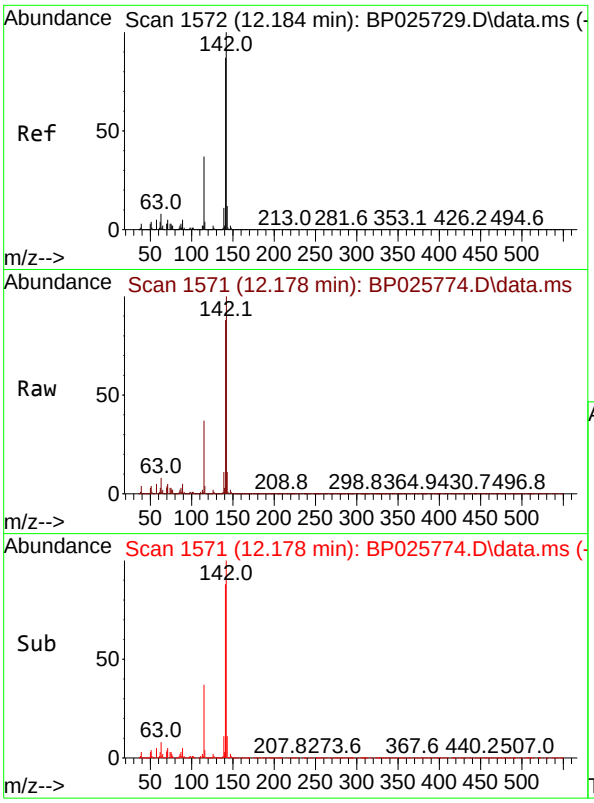


#36
4-Chloro-3-methylphenol
Concen: 38.238 ng
RT: 11.819 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:107 Resp: 463277

Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.4	29.2
142	76.8	63.8	95.6





#37
2-Methylnaphthalene
Concen: 37.649 ng
RT: 12.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:142 Resp: 83893

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.6	104.4
115	37.1	30.0	45.0

Instrument :
BNA_P
ClientSampleId :
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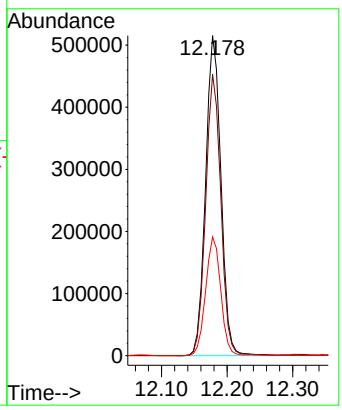
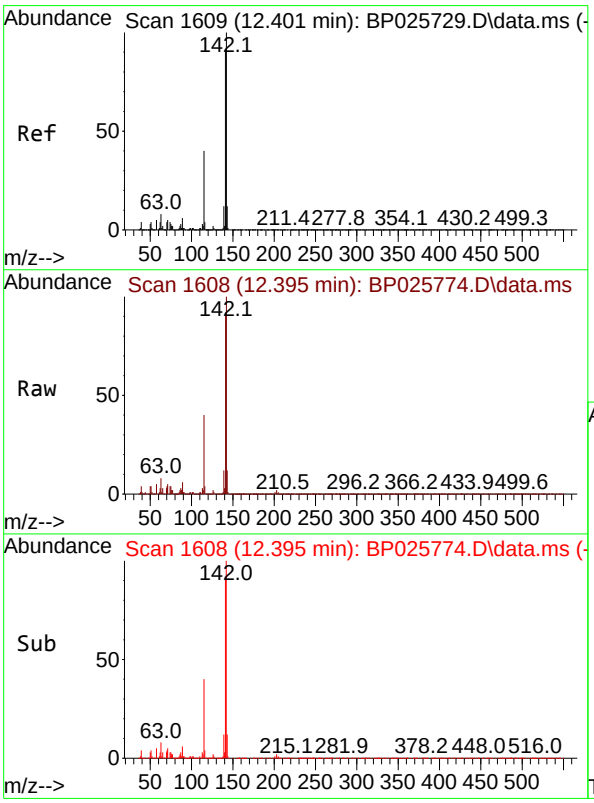
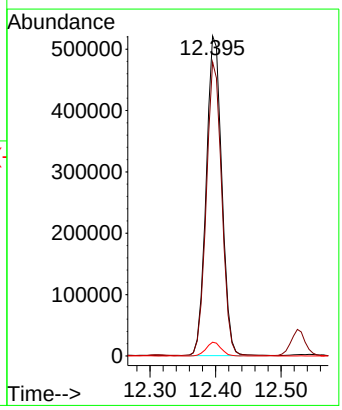


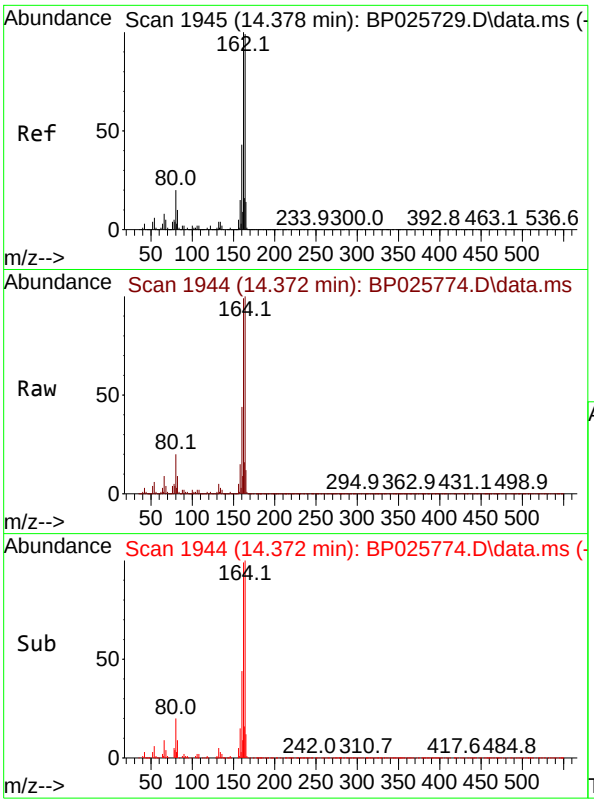


#38
1-Methylnaphthalene
Concen: 36.222 ng
RT: 12.395 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:142 Resp: 860734

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.7	109.1
116	4.3	3.5	5.3

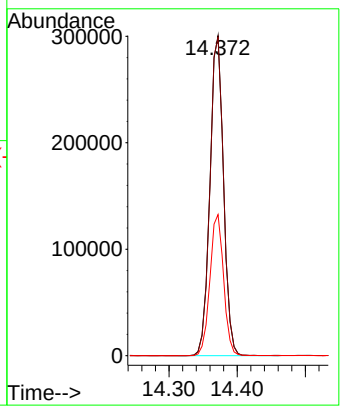




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:164 Resp: 41677

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	120.8
160	44.1	35.0	52.6



Instrument :
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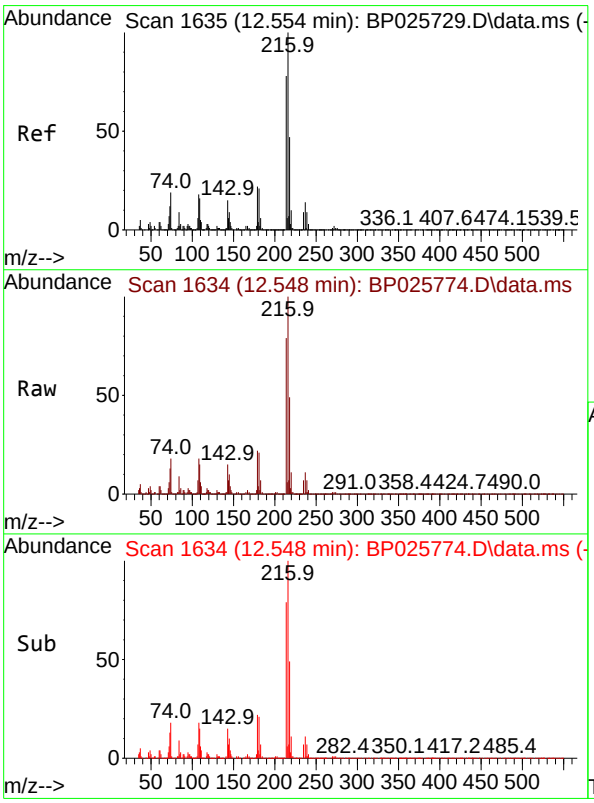
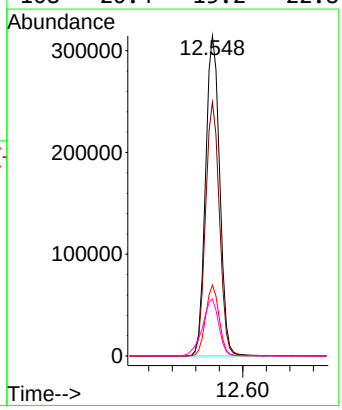
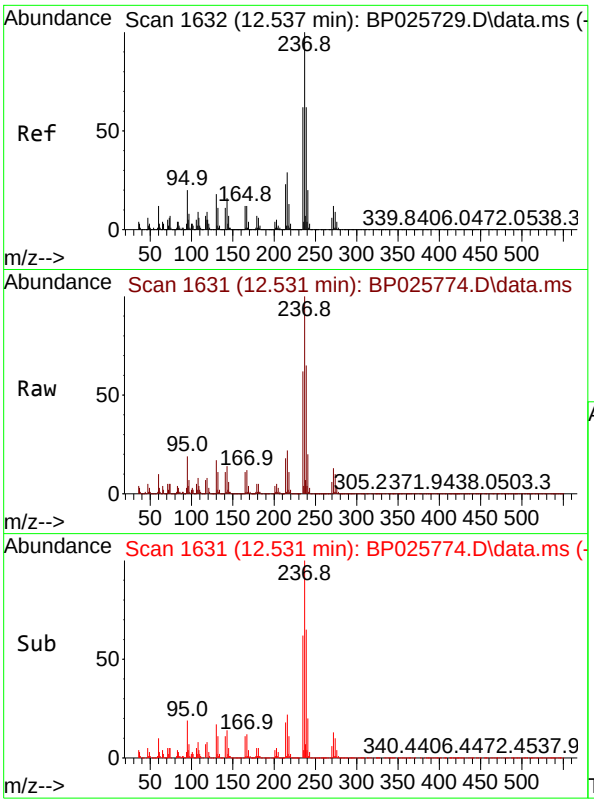


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.516 ng
RT: 12.548 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:216 Resp: 524326

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.4	93.6
179	21.2	17.0	25.6
108	20.4	15.2	22.8

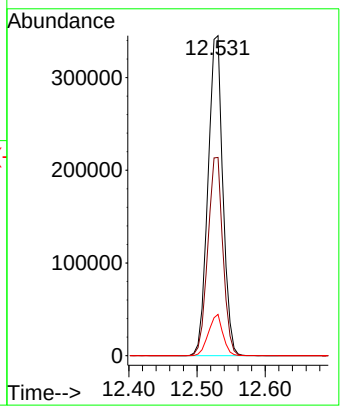




#41
Hexachlorocyclopentadiene
Concen: 76.023 ng
RT: 12.531 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:237 Resp: 52292

Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.9	81.9
272	12.9	0.0	31.8



Instrument :
BNA_P
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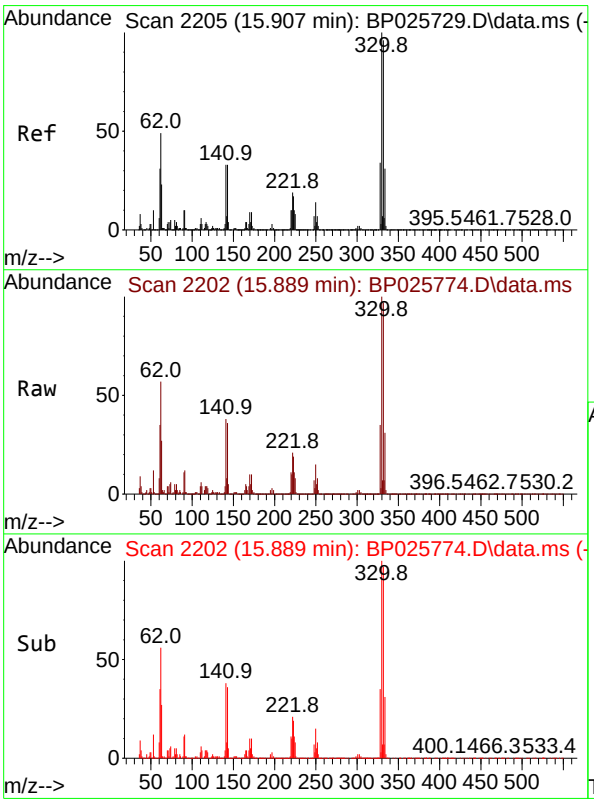
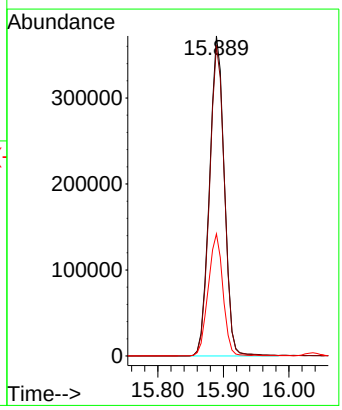
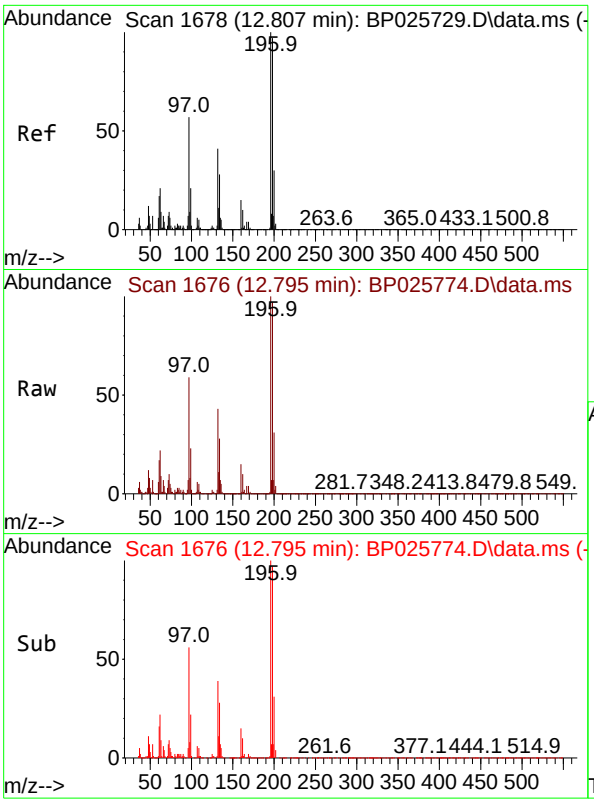


#42
2,4,6-Tribromophenol
Concen: 112.610 ng
RT: 15.889 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:330 Resp: 585396

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.9	115.3
141	38.0	31.0	46.4





#43
2,4,6-Trichlorophenol
Concen: 41.132 ng
RT: 12.795 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:196 Resp: 34150

Ion	Ratio	Lower	Upper
196	100		
198	97.3	77.2	115.8
200	31.3	24.2	36.2

Instrument :
BNA_P
ClientSampleId :
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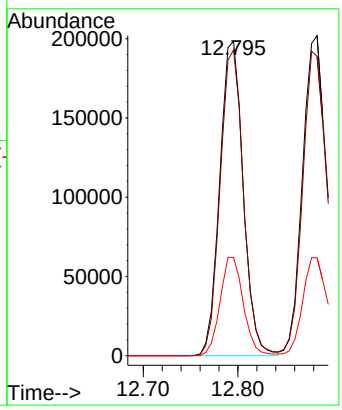
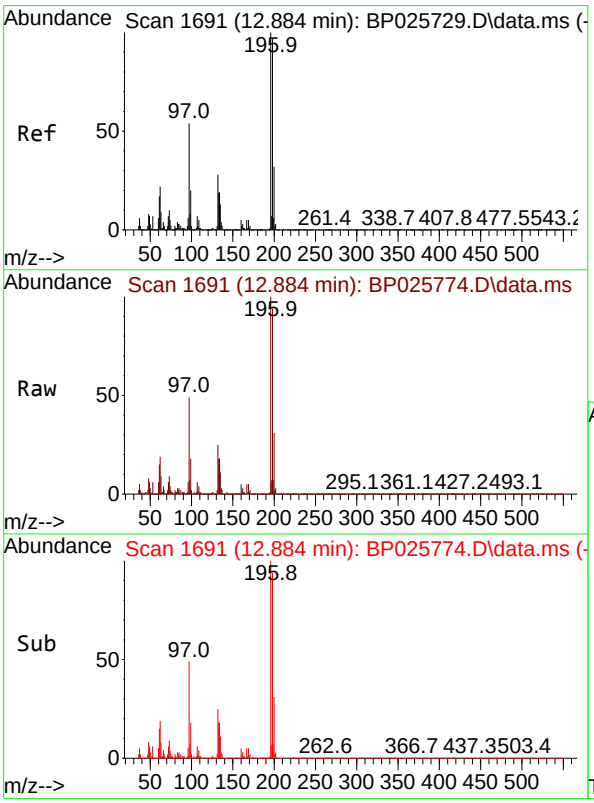
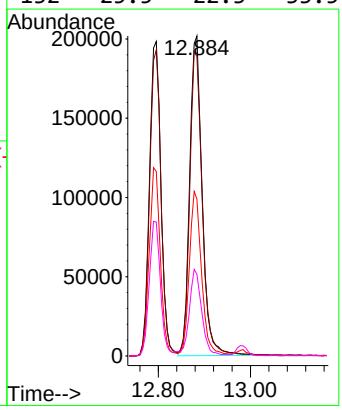


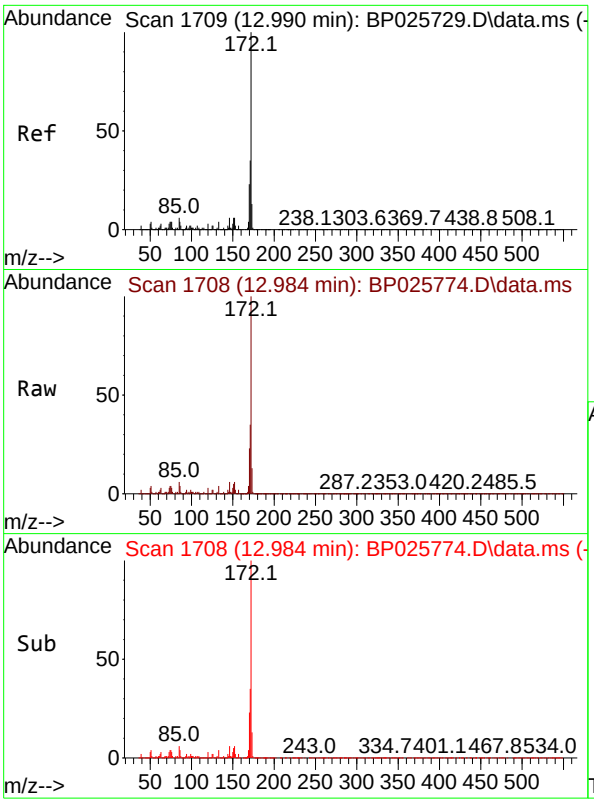


#44
2,4,5-Trichlorophenol
Concen: 41.215 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:196 Resp: 380833

Ion	Ratio	Lower	Upper
196	100		
198	93.5	77.8	116.8
97	49.0	43.3	64.9
132	25.5	22.3	33.5

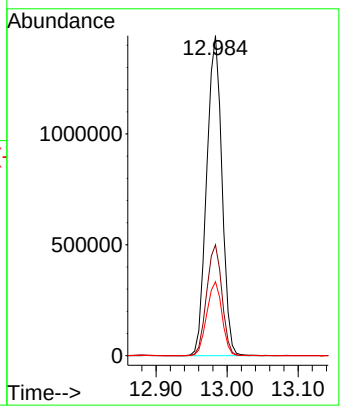




#45
2-Fluorobiphenyl
Concen: 68.945 ng
RT: 12.984 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:172 Resp: 215804

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.1	18.6	27.8



Instrument :
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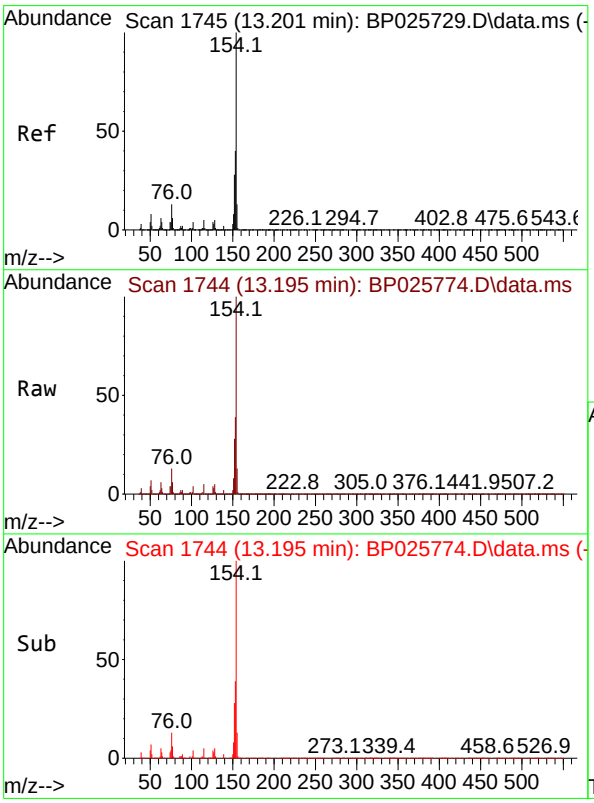
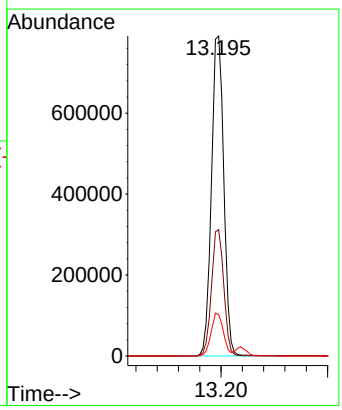
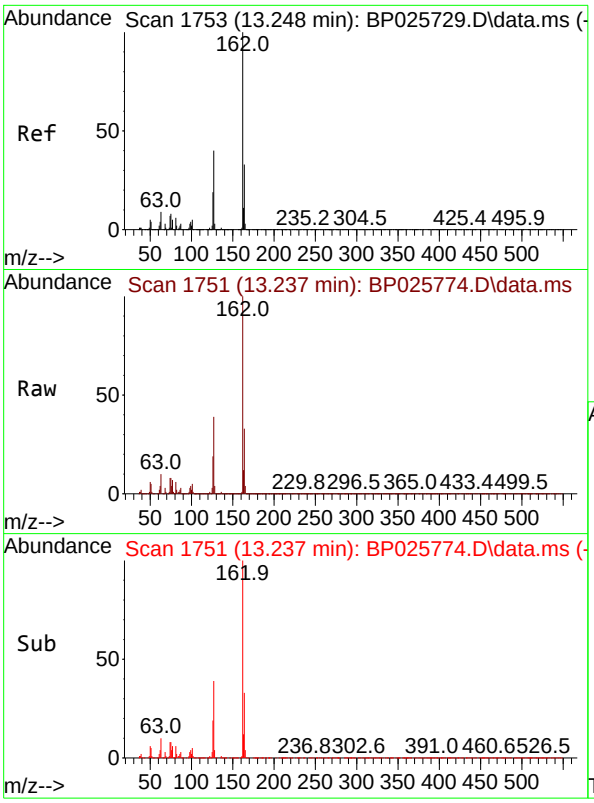


#46
1,1'-Biphenyl
Concen: 41.573 ng
RT: 13.195 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:154 Resp: 1271773

Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.7	59.7
76	12.9	0.0	33.3

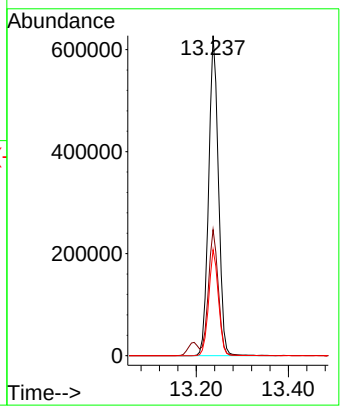




#47
2-Chloronaphthalene
Concen: 38.679 ng
RT: 13.237 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:162 Resp: 93169

Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.2	48.4
164	33.2	26.5	39.7



Instrument :
BNA_P
ClientSampleId :
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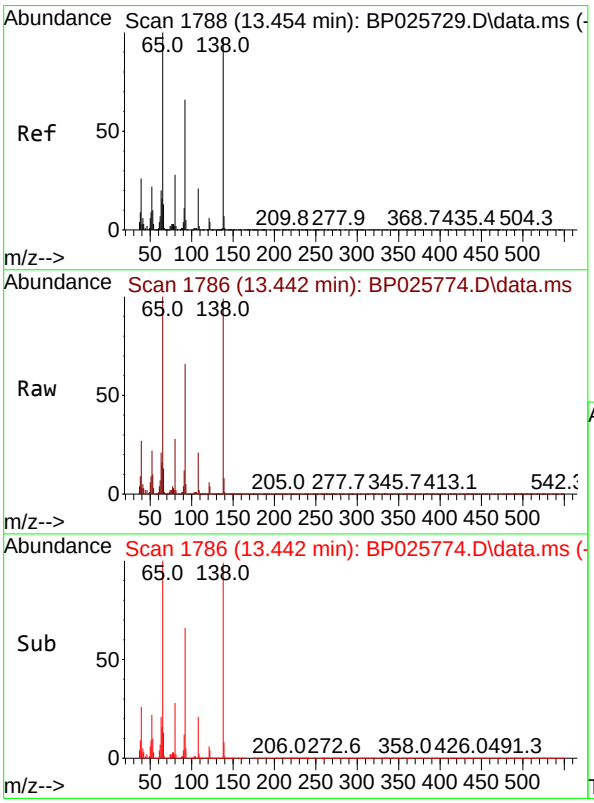
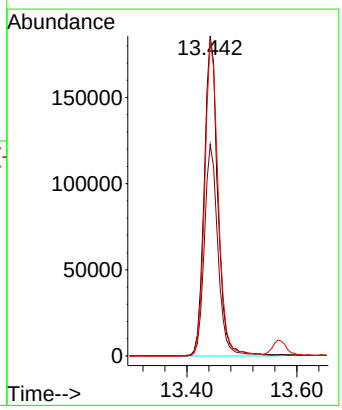
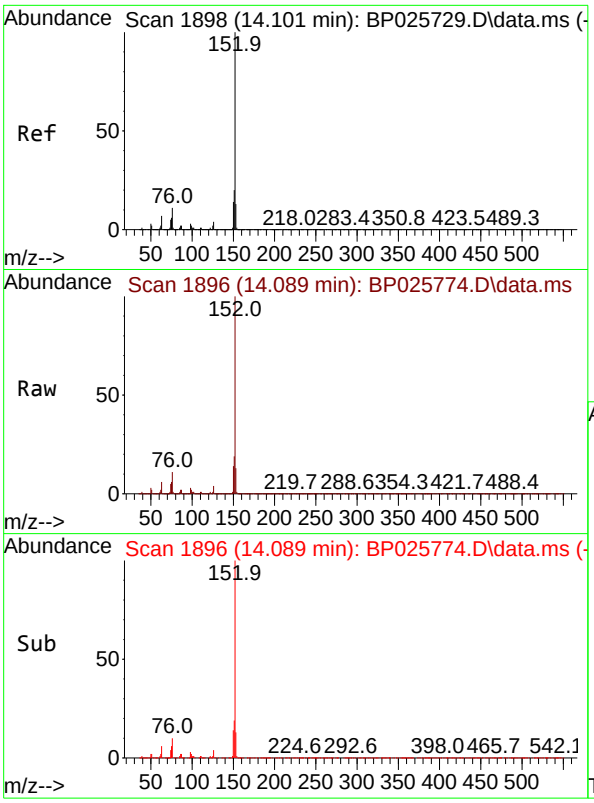


#48
2-Nitroaniline
Concen: 39.576 ng
RT: 13.442 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 65 Resp: 317780

Ion	Ratio	Lower	Upper
65	100		
92	66.0	53.1	79.7
138	98.7	77.8	116.8

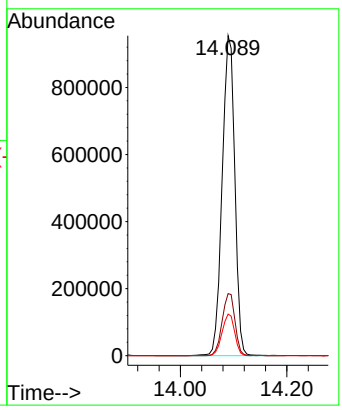




#49
Acenaphthylene
Concen: 39.207 ng
RT: 14.089 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:152 Resp: 156478

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	13.0	10.5	15.7



Instrument :
BNA_P
ClientSampleId :
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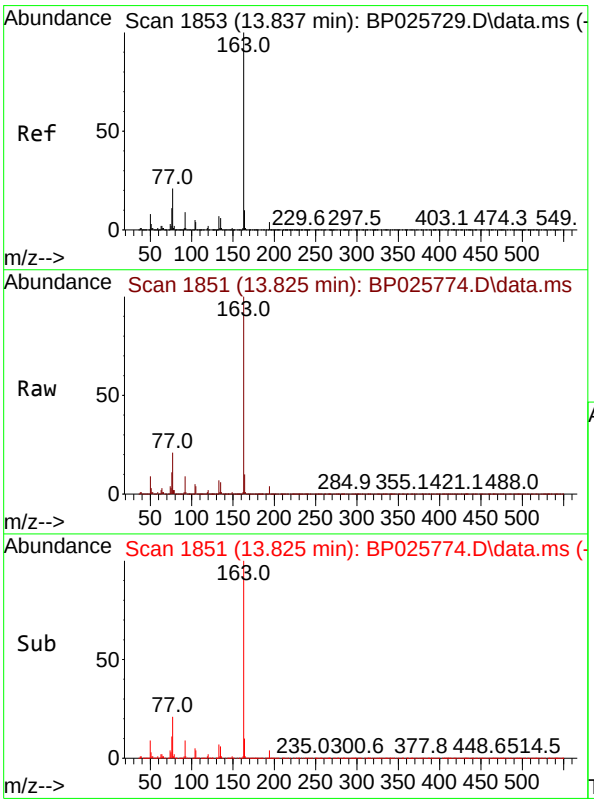
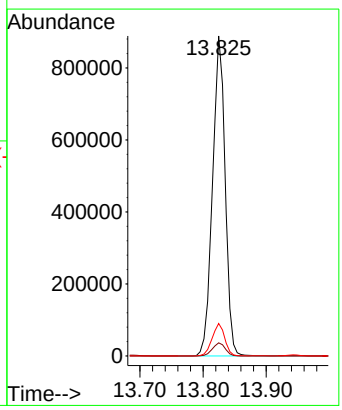
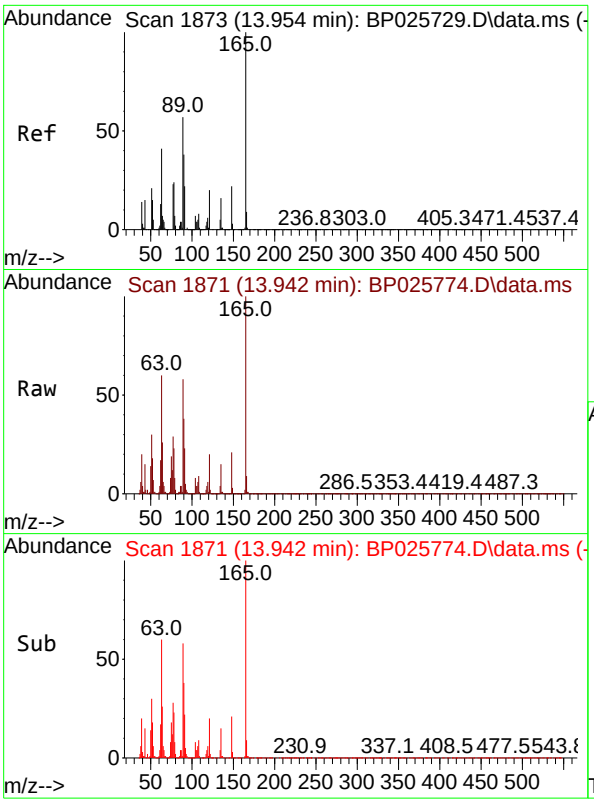


#50
Dimethylphthalate
Concen: 38.735 ng
RT: 13.825 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:163 Resp: 1232543

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.1	8.2	12.2

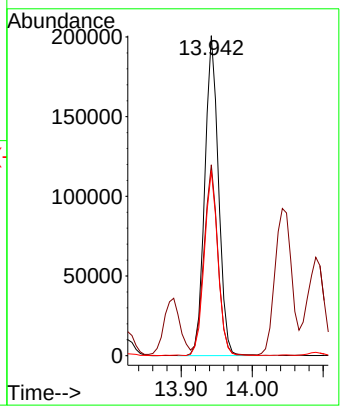




#51
2,6-Dinitrotoluene
Concen: 39.977 ng
RT: 13.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:165 Resp: 26950

Ion	Ratio	Lower	Upper
165	100		
63	59.6	48.1	72.1
89	57.8	45.4	68.0



Instrument :
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ClientSampleId :
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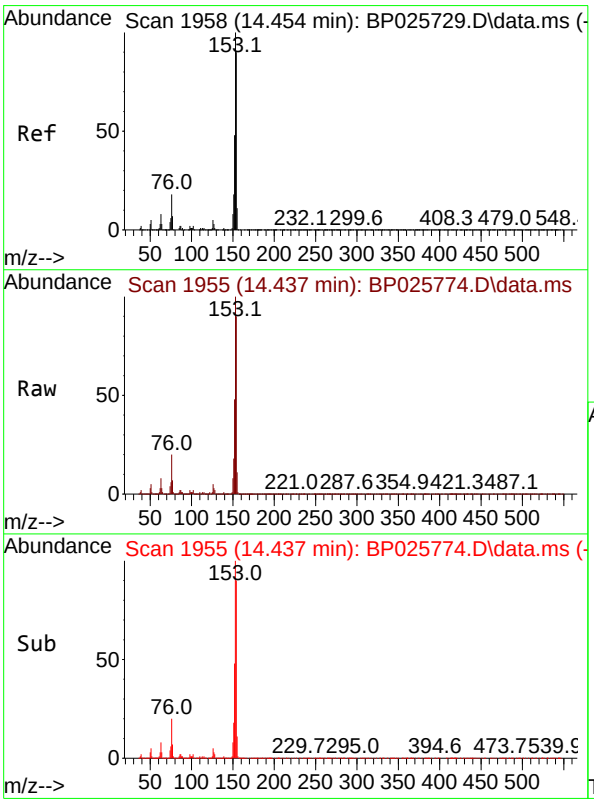
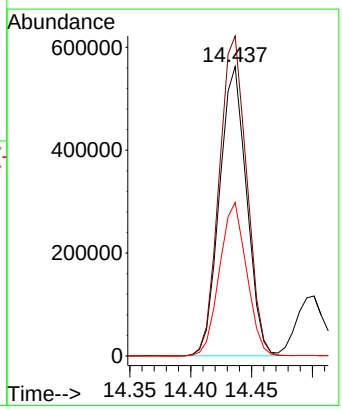
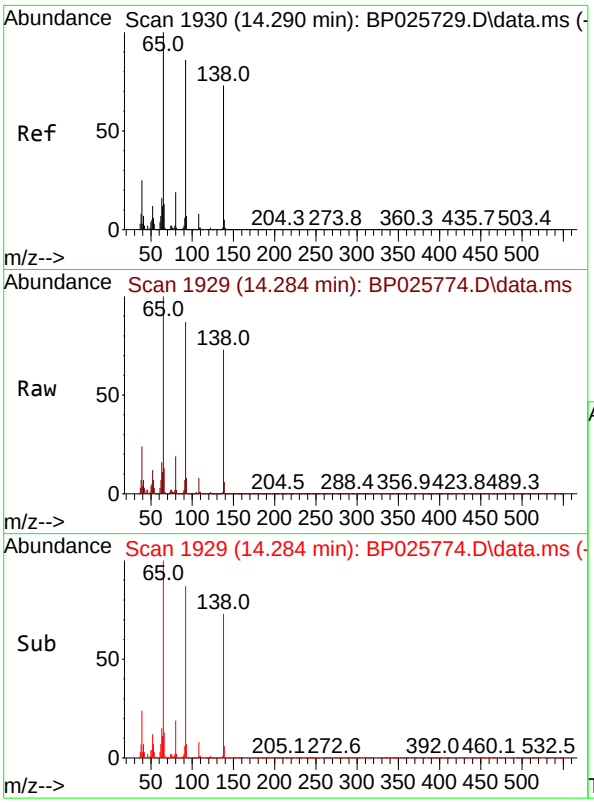


#52
Acenaphthene
Concen: 37.952 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:154 Resp: 873516

Ion	Ratio	Lower	Upper
154	100		
153	110.6	89.4	134.0
152	53.0	42.5	63.7

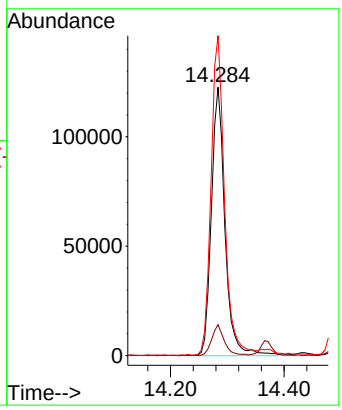




#53
3-Nitroaniline
Concen: 28.541 ng
RT: 14.284 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:138 Resp: 20233

Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.7	13.1
92	119.2	94.6	142.0



Instrument :
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ClientSampleId :
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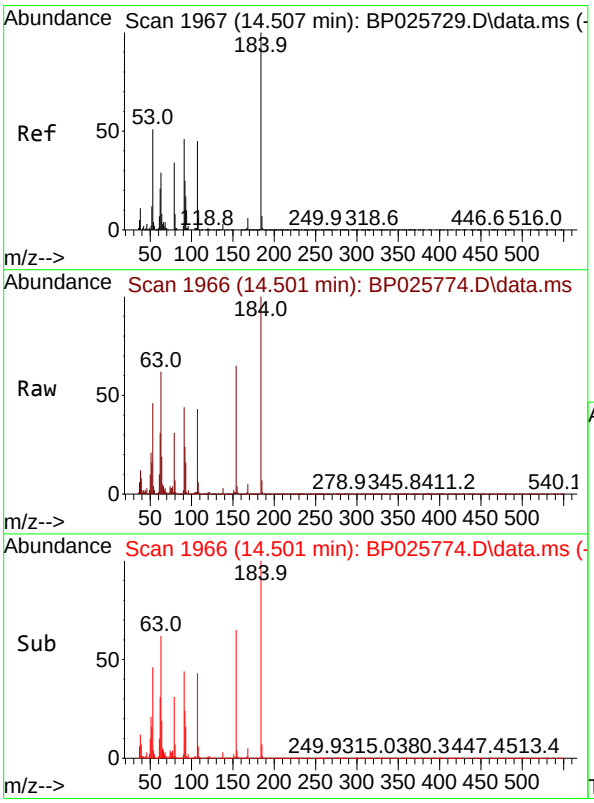
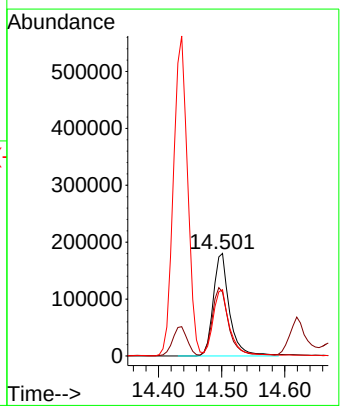
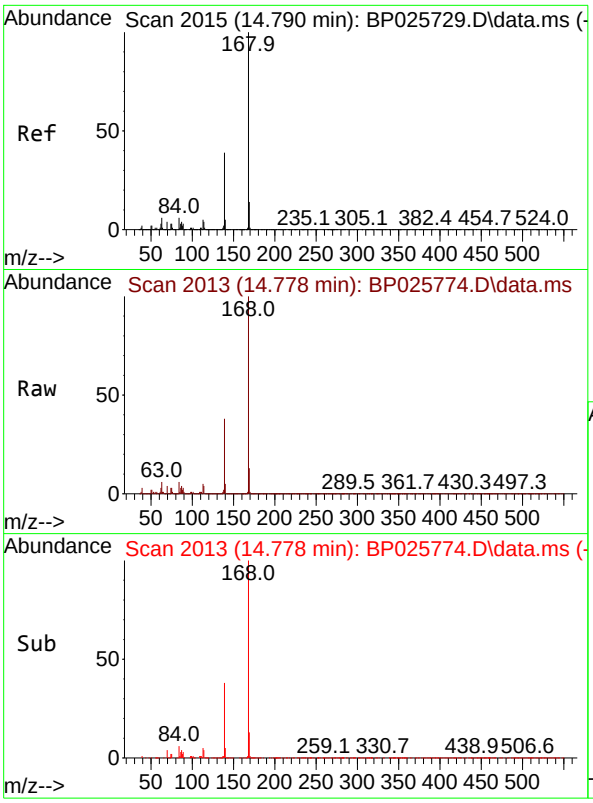


#54
2,4-Dinitrophenol
Concen: 73.363 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:184 Resp: 319695

Ion	Ratio	Lower	Upper
184	100		
63	62.3	52.5	78.7
154	64.7	51.5	77.3

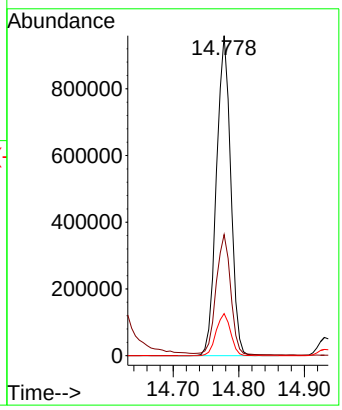




#55
Dibenzofuran
Concen: 38.507 ng
RT: 14.778 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:168 Resp: 144447

Ion	Ratio	Lower	Upper
168	100		
139	37.9	31.7	47.5
169	13.2	10.8	16.2



Instrument :
BNA_P
ClientSampleId :
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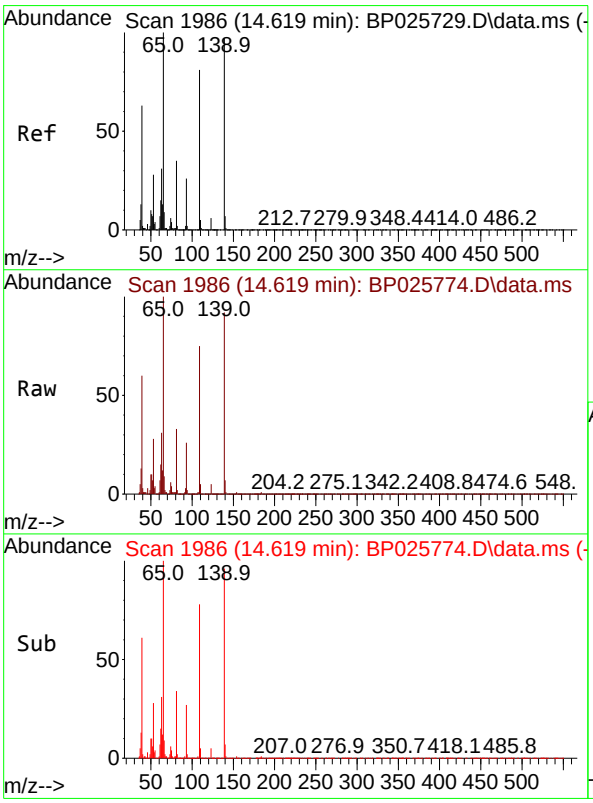
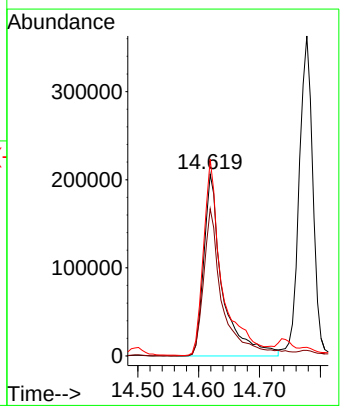
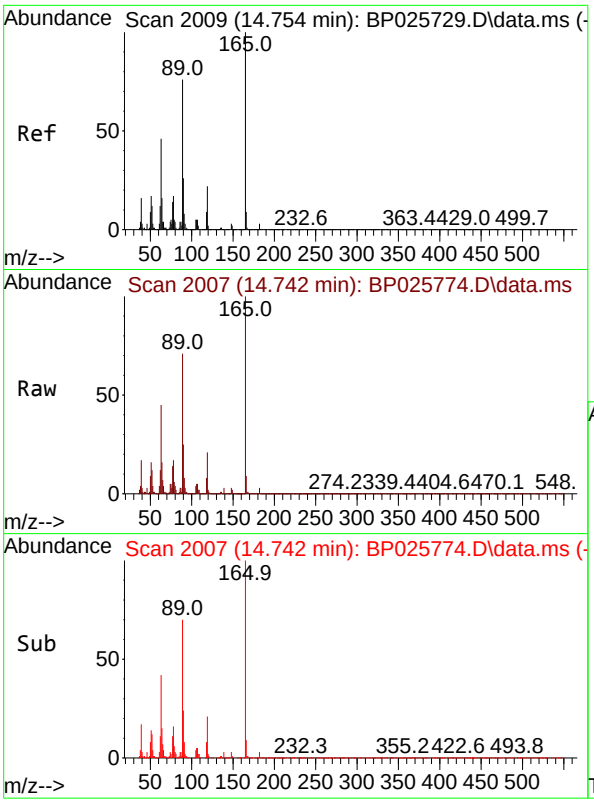


#56
4-Nitrophenol
Concen: 72.215 ng
RT: 14.619 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:139 Resp: 438046

Ion	Ratio	Lower	Upper
139	100		
109	81.0	62.9	102.9
65	108.2	83.4	123.4

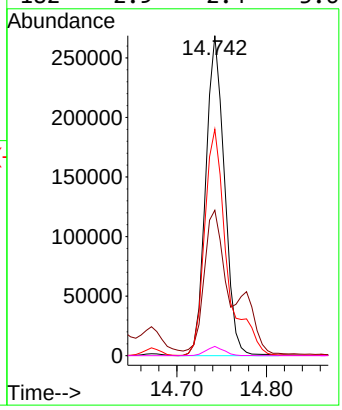




#57
2,4-Dinitrotoluene
Concen: 40.577 ng
RT: 14.742 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:165 Resp: 38930

Ion	Ratio	Lower	Upper
165	100		
63	45.4	37.7	56.5
89	70.7	61.0	91.6
182	2.9	2.4	3.6



Instrument :
BNA_P
ClientSampleId :
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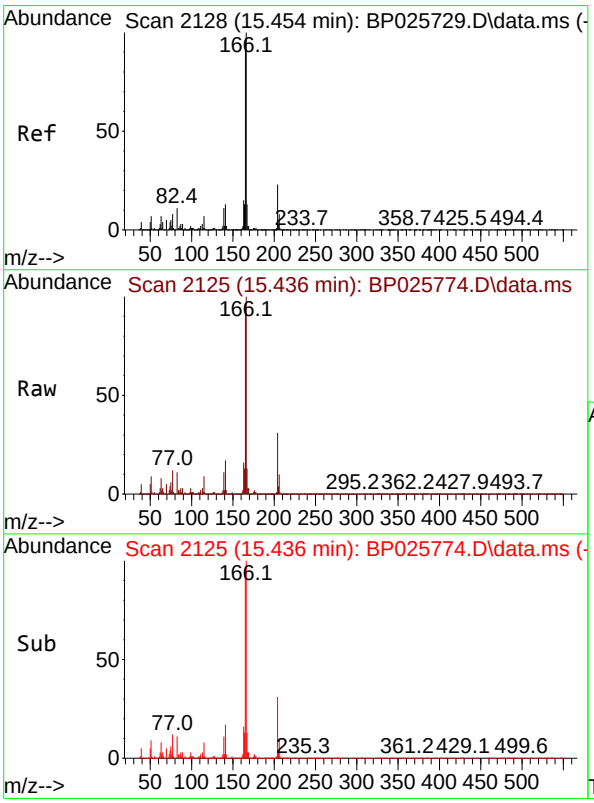
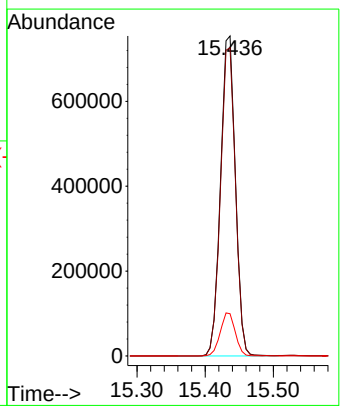
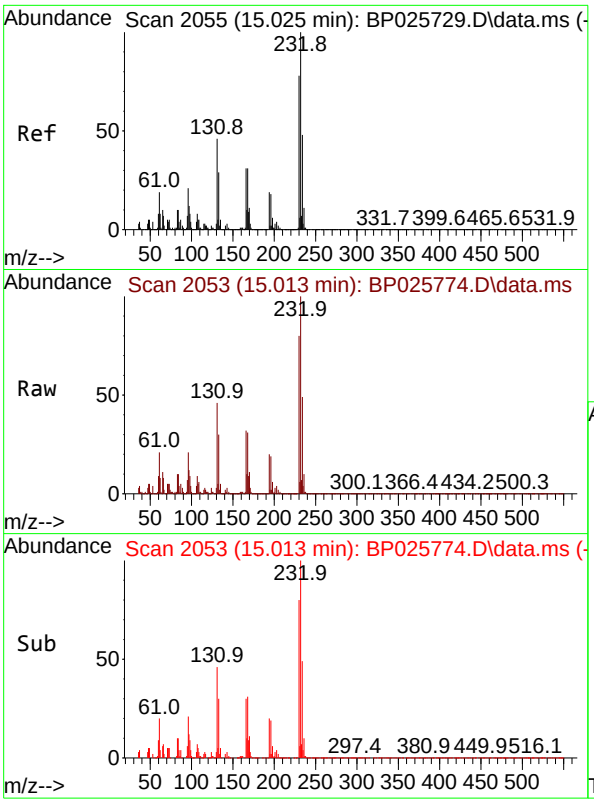


#58
Fluorene
Concen: 38.344 ng
RT: 15.436 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:166 Resp: 1143758

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.7	116.5
167	13.2	10.6	16.0

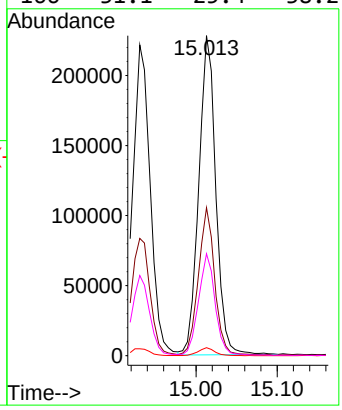




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.973 ng
RT: 15.013 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:232 Resp: 33272

Ion	Ratio	Lower	Upper
232	100		
131	44.5	36.7	55.1
130	2.4	2.0	3.0
166	31.1	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
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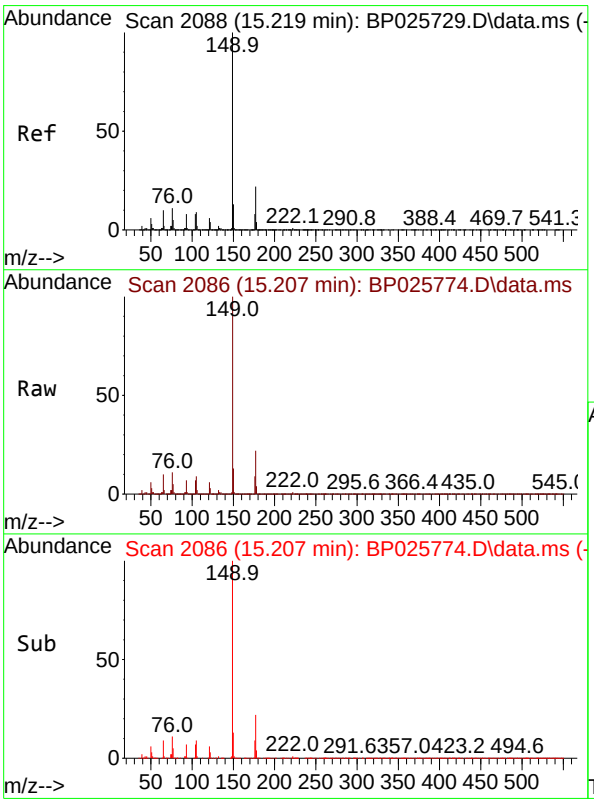
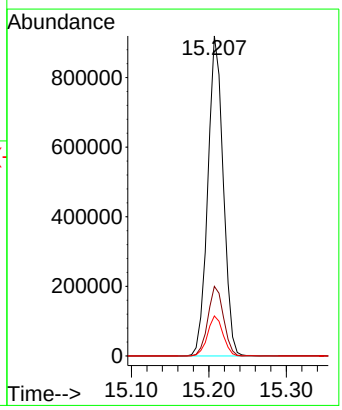
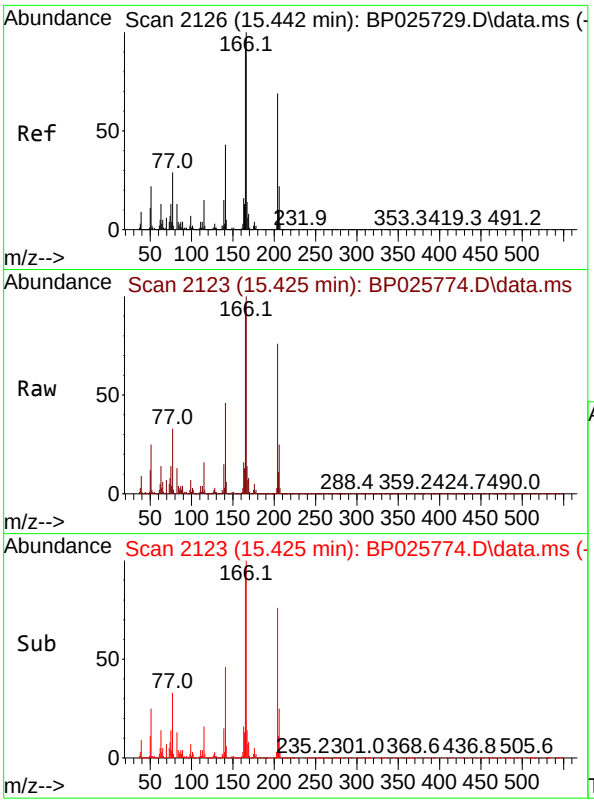


#60
Diethylphthalate
Concen: 39.295 ng
RT: 15.207 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:149 Resp: 1268288

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.7	26.5
150	12.5	10.0	15.0

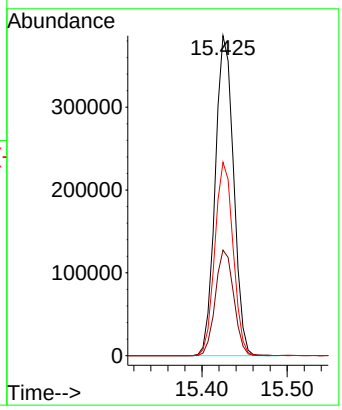




#61
4-Chlorophenyl-phenylether
Concen: 38.509 ng
RT: 15.425 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:204 Resp: 57890

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.0	39.0
141	60.5	49.7	74.5



Instrument :
BNA_P
ClientSampleId :
PB169719BS

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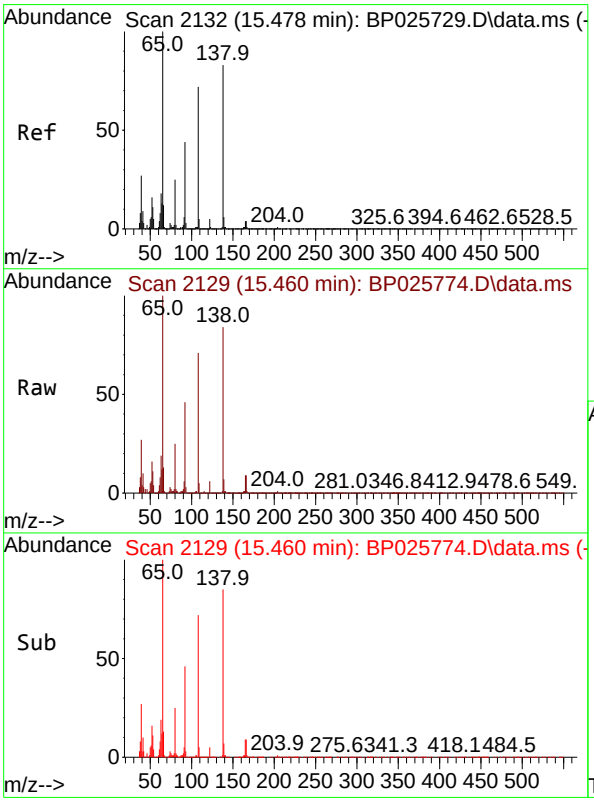
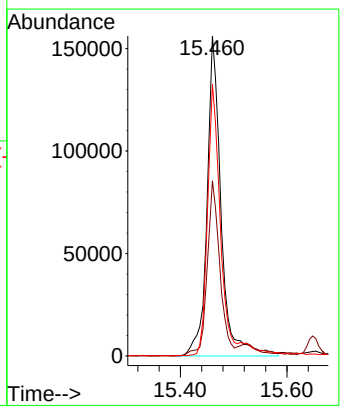
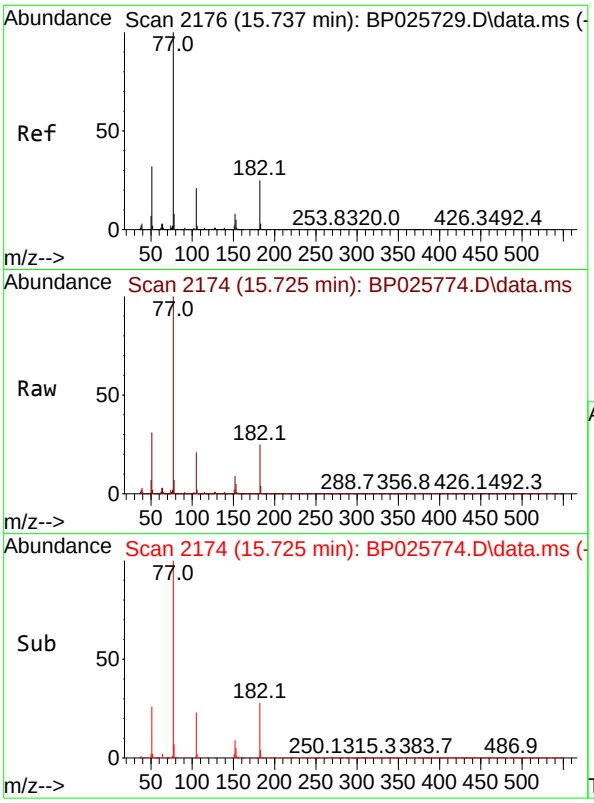


#62
4-Nitroaniline
Concen: 39.361 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.018 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:138 Resp: 285861

Ion	Ratio	Lower	Upper
138	100		
92	54.7	33.3	73.3
108	84.8	66.7	106.7

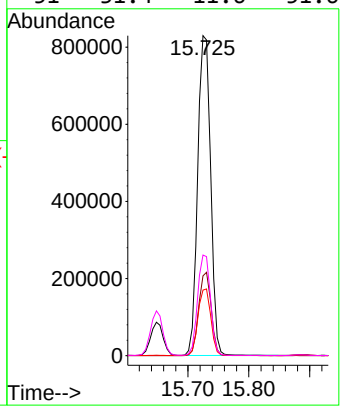




#63
Azobenzene
Concen: 39.240 ng
RT: 15.725 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion: 77 Resp: 122462

Ion	Ratio	Lower	Upper
77	100		
182	25.0	5.2	45.2
105	20.5	1.1	41.1
51	31.4	11.6	51.6



Instrument :
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ClientSampleId :
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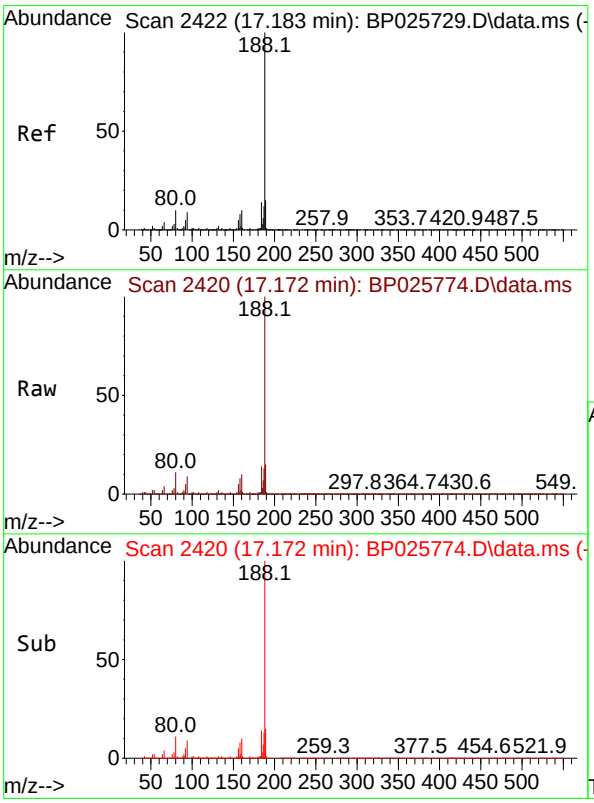
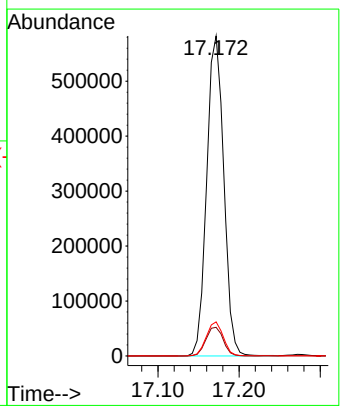
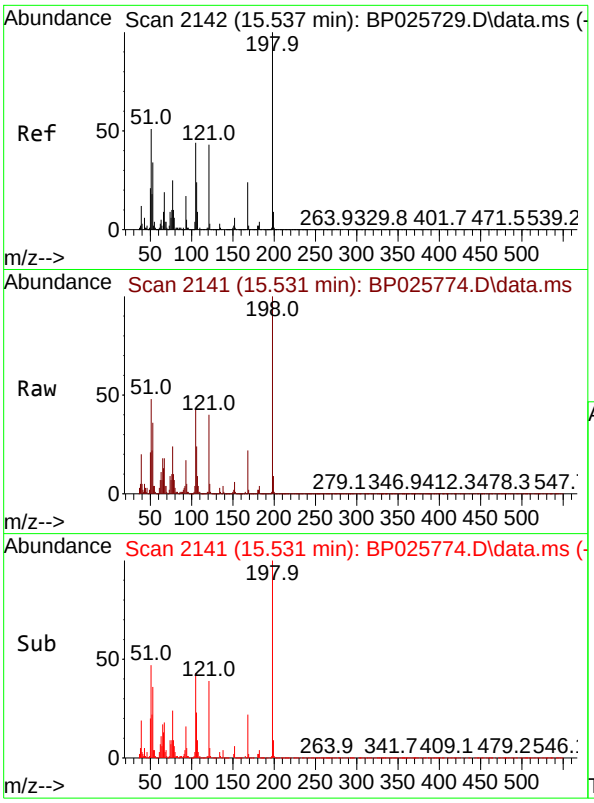


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:188 Resp: 849137

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.0
80	10.7	7.7	11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 40.291 ng
RT: 15.531 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:198 Resp: 22752

Ion	Ratio	Lower	Upper
198	100		
51	47.9	33.4	73.4
105	43.4	24.3	64.3

Instrument :
BNA_P
ClientSampleId :
PB169719BS

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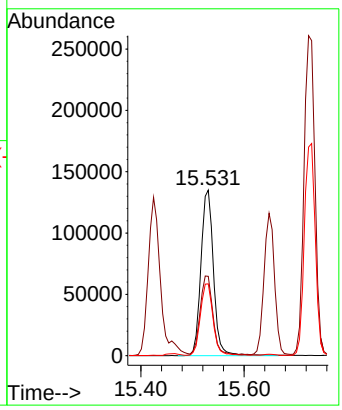
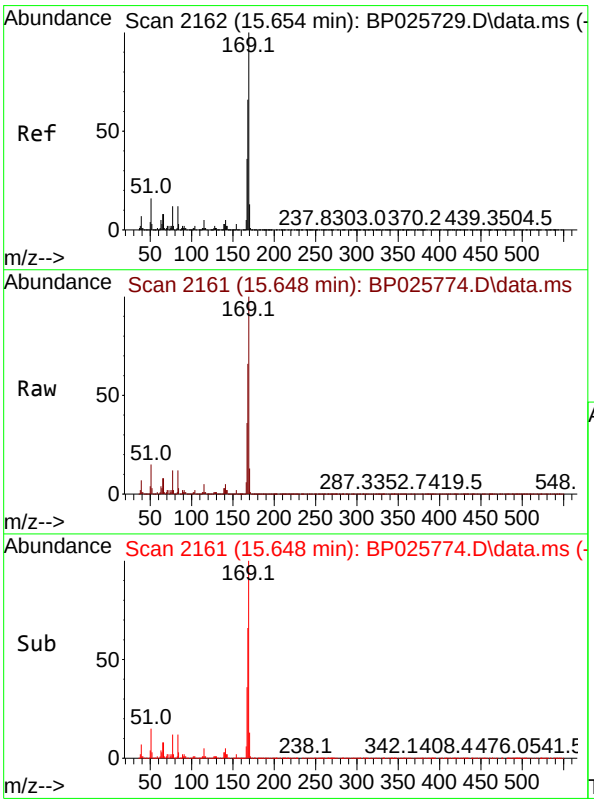
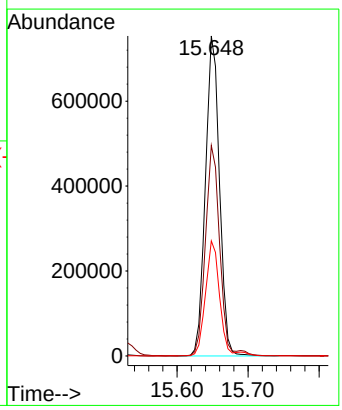


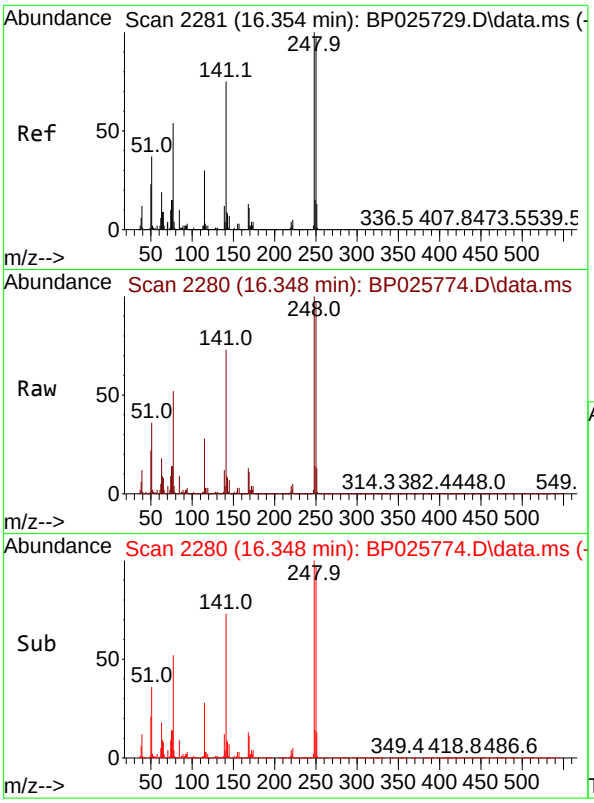


#66
n-Nitrosodiphenylamine
Concen: 40.015 ng
RT: 15.648 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:169 Resp: 1039816

Ion	Ratio	Lower	Upper
169	100		
168	65.8	52.6	78.8
167	35.9	28.5	42.7

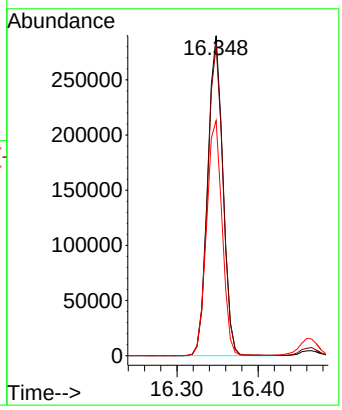




#67
4-Bromophenyl-phenylether
Concen: 40.553 ng
RT: 16.348 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:248 Resp: 37830

Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.5	116.3
141	73.5	60.2	90.4



Instrument :
BNA_P
ClientSampleId :
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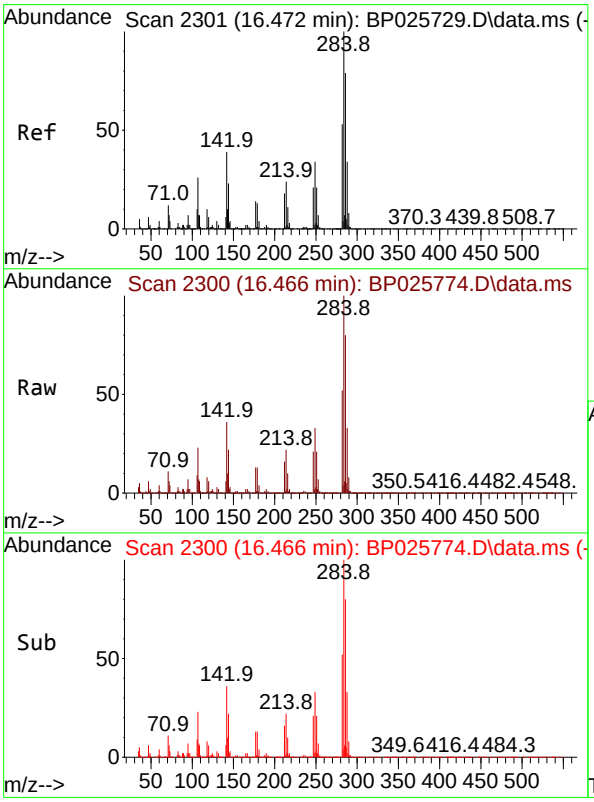
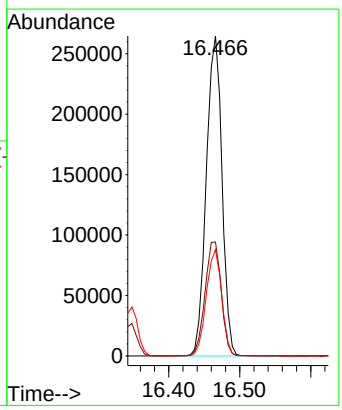
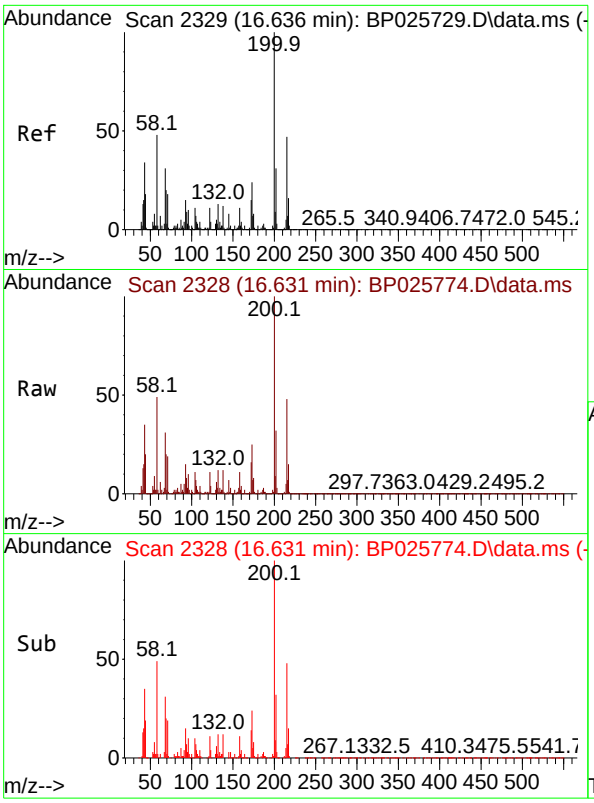


#68
Hexachlorobenzene
Concen: 39.063 ng
RT: 16.466 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:284 Resp: 406369

Ion	Ratio	Lower	Upper
284	100		
142	35.6	31.3	46.9
249	33.2	27.3	40.9





#69
Atrazine
Concen: 40.672 ng
RT: 16.631 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:200 Resp: 40399

Ion	Ratio	Lower	Upper
200	100		
173	25.3	4.2	44.2
215	48.2	27.3	67.3

Instrument :
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ClientSampleId :
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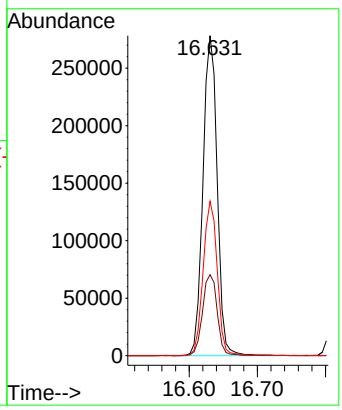
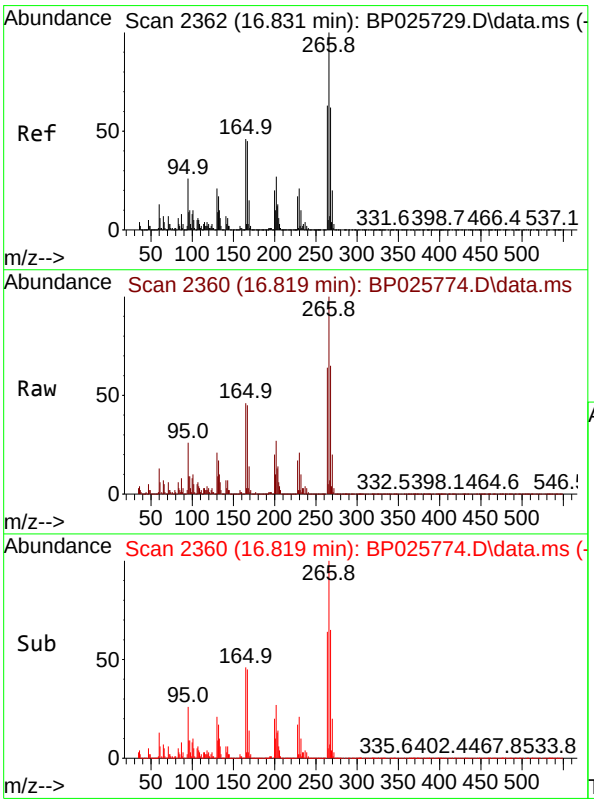
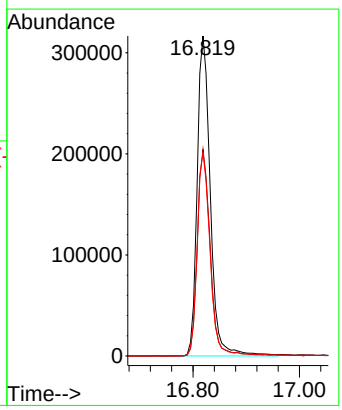


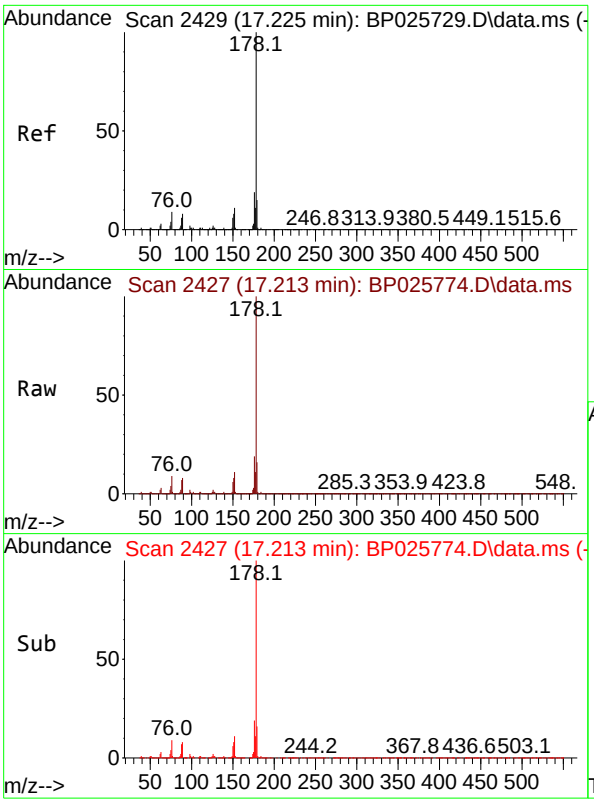


#70
Pentachlorophenol
Concen: 78.842 ng
RT: 16.819 min Scan# 2360
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:266 Resp: 541321

Ion	Ratio	Lower	Upper
266	100		
268	64.6	49.8	74.8
264	63.5	50.2	75.2

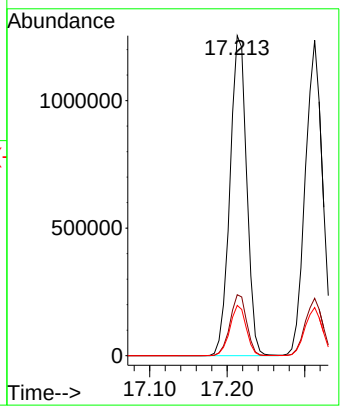




#71
Phenanthrene
Concen: 39.131 ng
RT: 17.213 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:178 Resp: 188487

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.7	12.2	18.4



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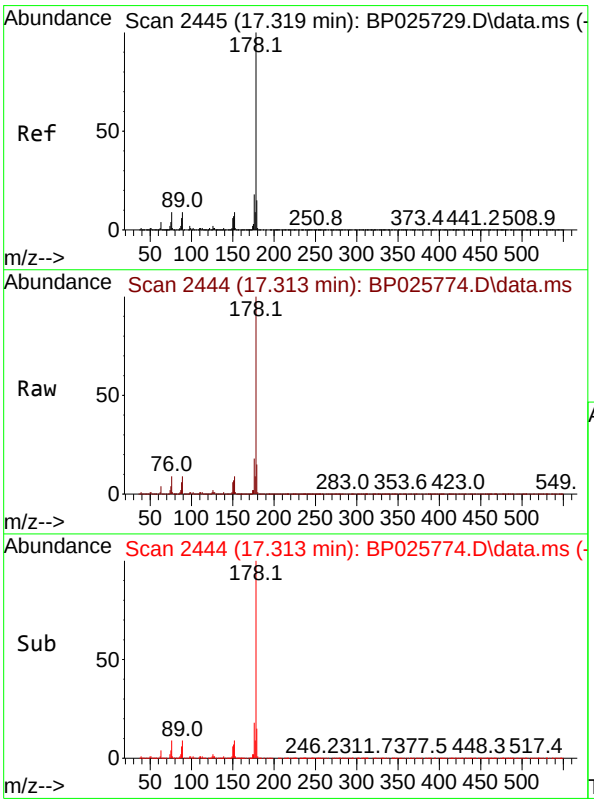
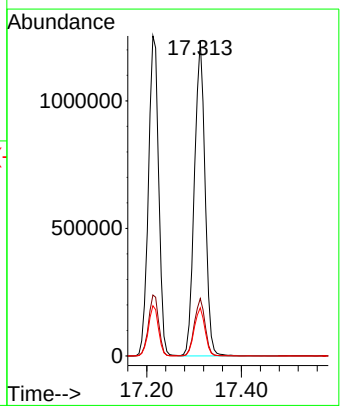
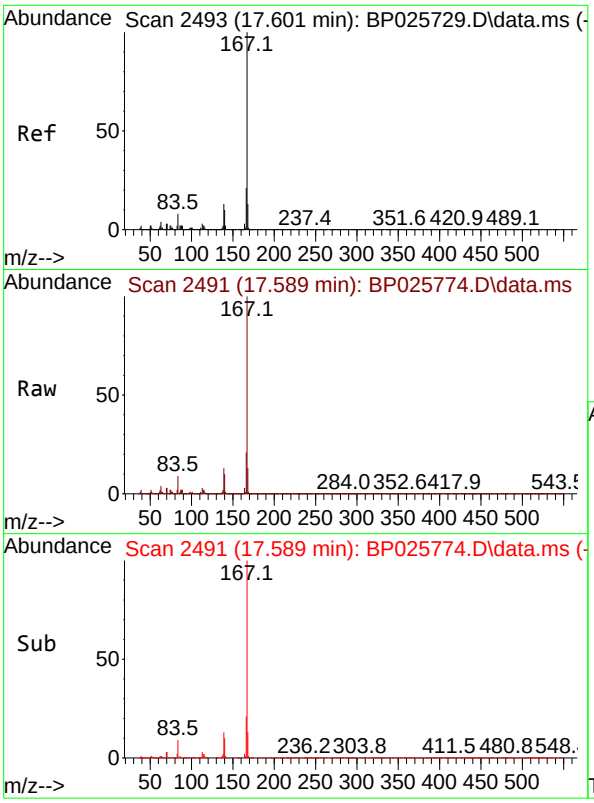


#72
Anthracene
Concen: 39.483 ng
RT: 17.313 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:178 Resp: 1929629

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.3	12.2	18.4

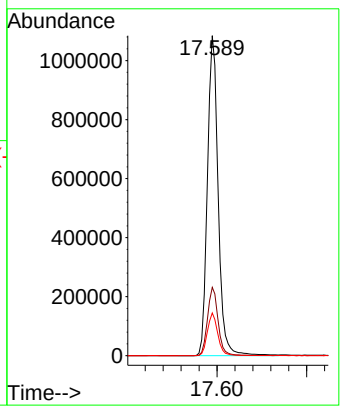




#73
Carbazole
Concen: 39.599 ng
RT: 17.589 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:167 Resp: 179925

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	13.4	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
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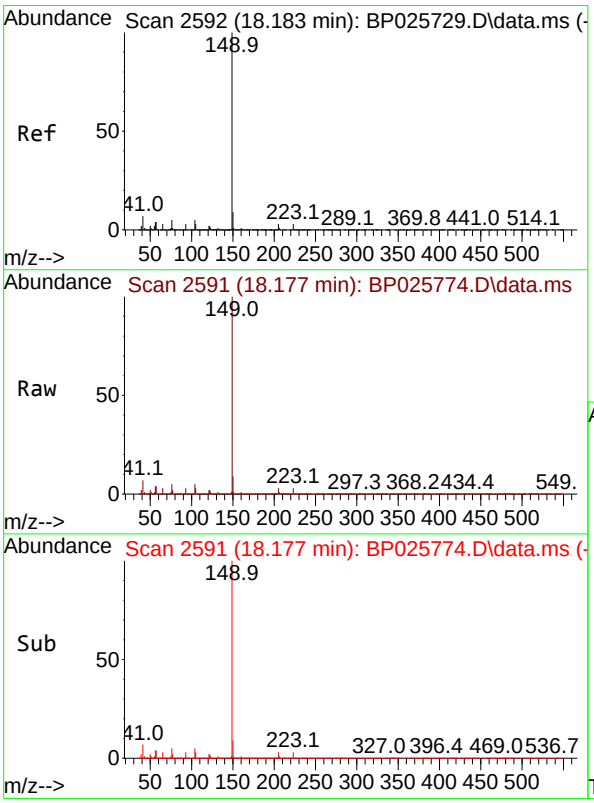
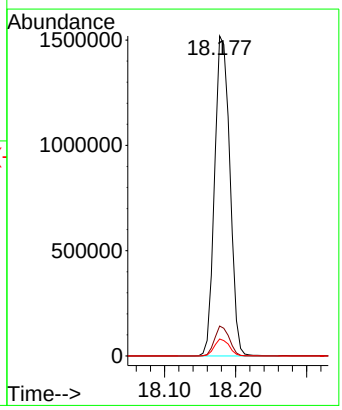
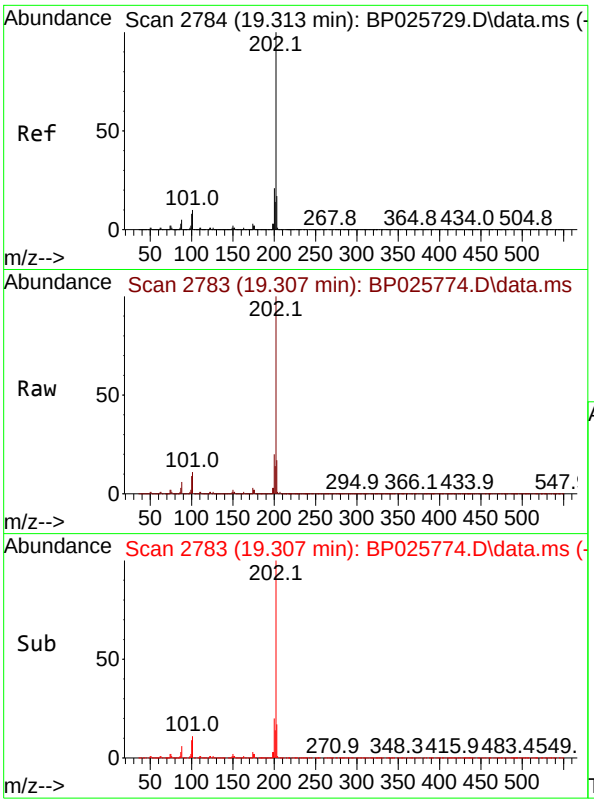


#74
Di-n-butylphthalate
Concen: 40.545 ng
RT: 18.177 min Scan# 2591
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:149 Resp: 2260758

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.3	4.3	6.5

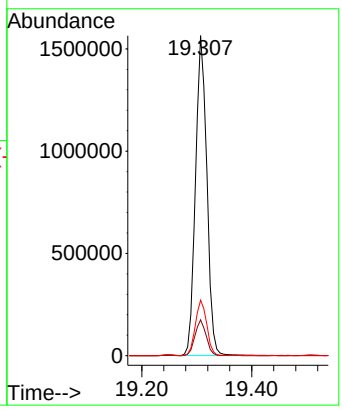




#75
Fluoranthene
Concen: 38.787 ng
RT: 19.307 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:202 Resp: 224067

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.4
203	17.4	0.0	37.4



Instrument :
BNA_P
ClientSampleId :
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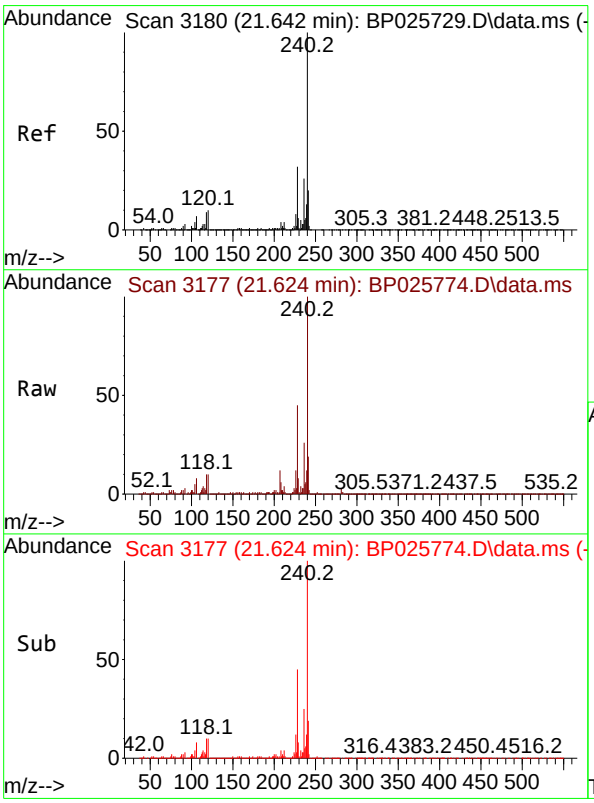
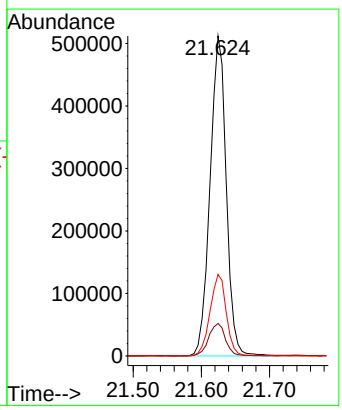
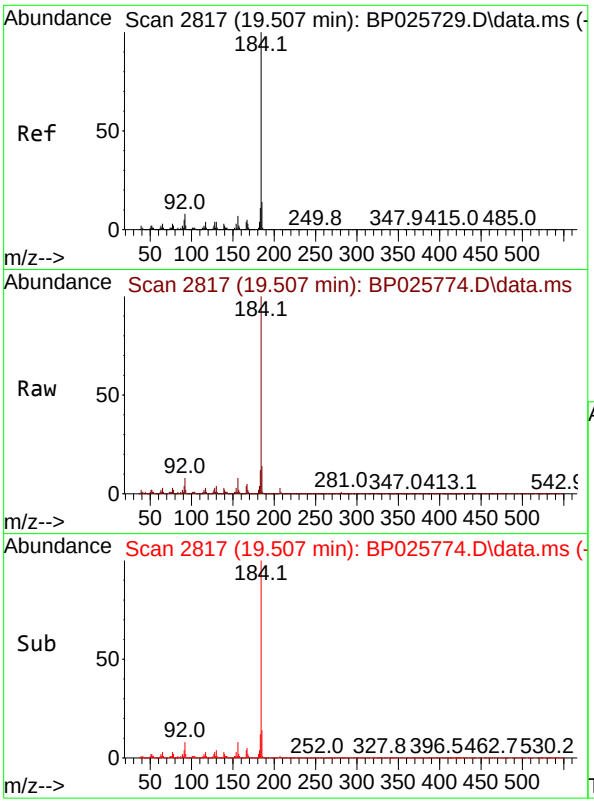


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.018 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:240 Resp: 847157

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.0	12.0
236	25.5	20.7	31.1

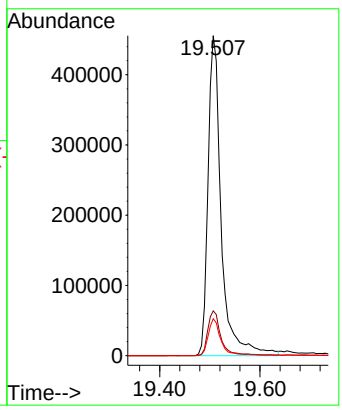




#77
Benzidine
Concen: 34.222 ng
RT: 19.507 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:184 Resp: 83511

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.5	17.3
183	11.5	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
PB169719BS

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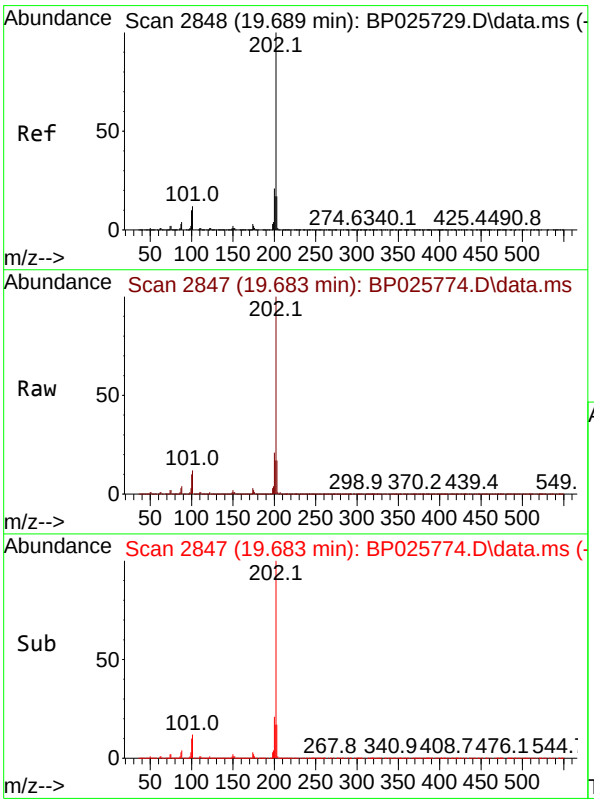
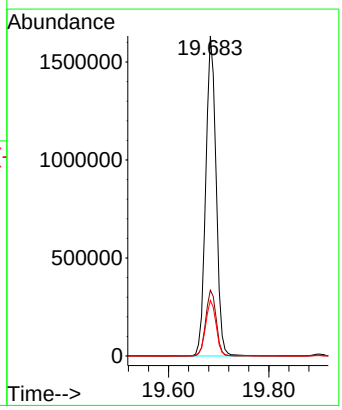
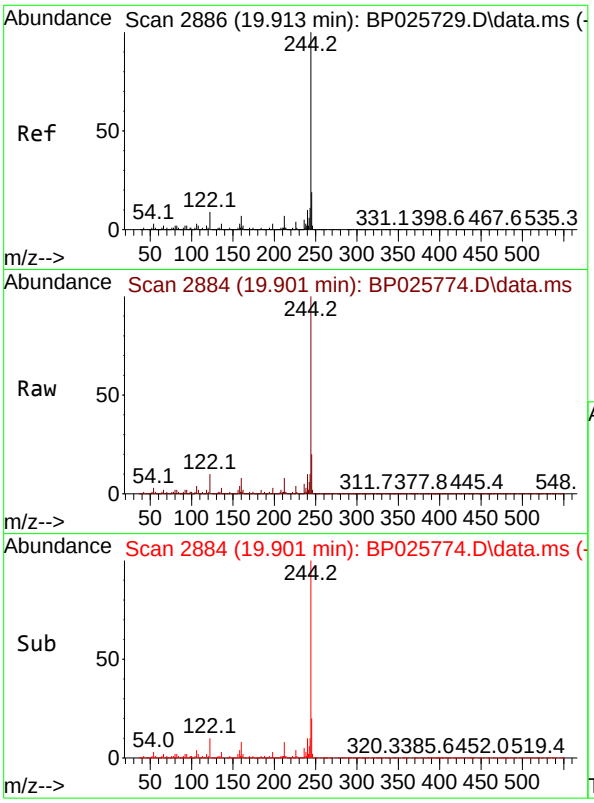


#78
Pyrene
Concen: 41.462 ng
RT: 19.683 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:202 Resp: 2343737

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.6
203	17.3	13.9	20.9

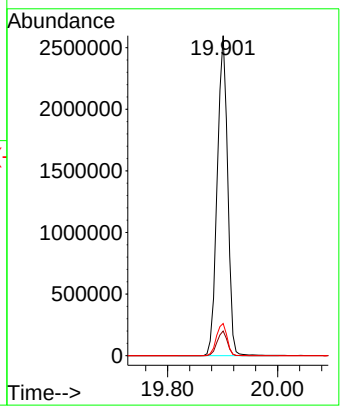




#79
Terphenyl-d14
Concen: 72.601 ng
RT: 19.901 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:244 Resp: 341881

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.0	7.1	10.7



Instrument :
BNA_P
ClientSampleId :
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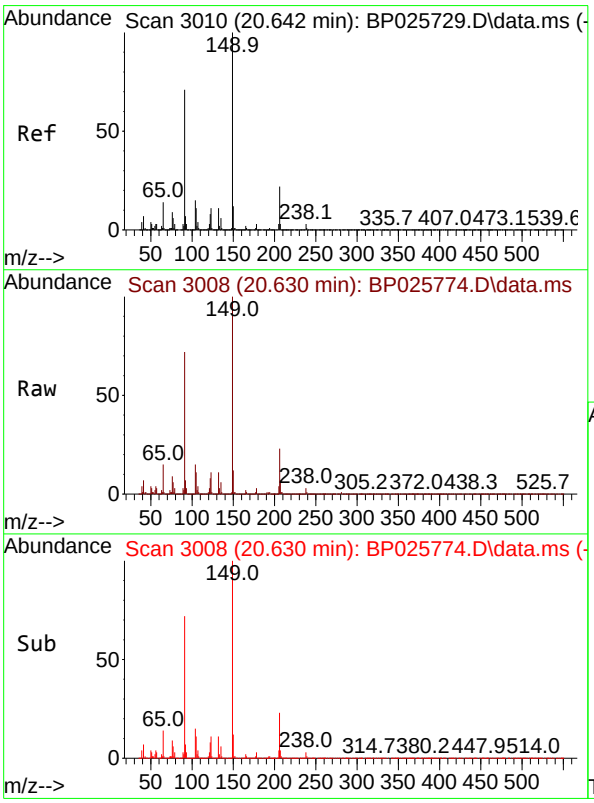
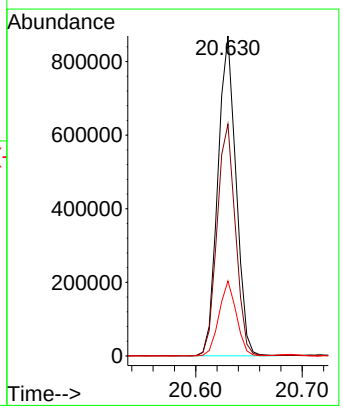
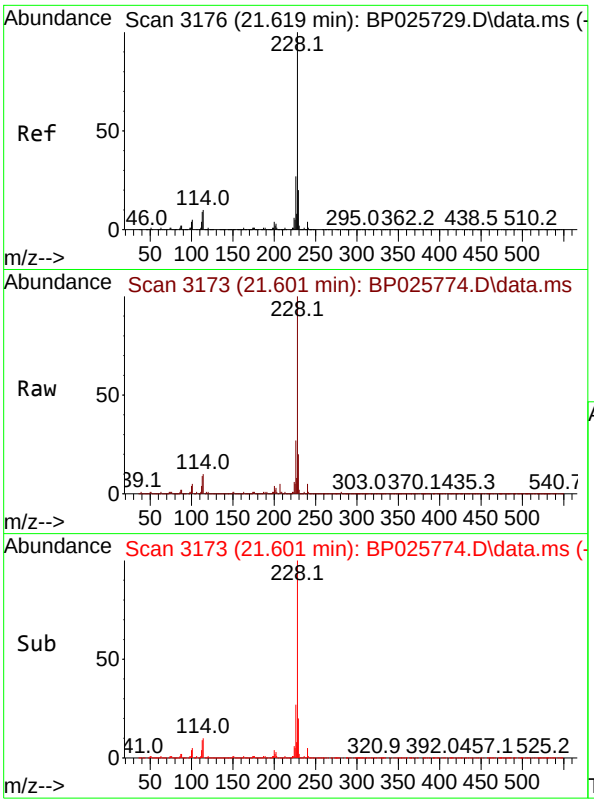


#80
Butylbenzylphthalate
Concen: 41.533 ng
RT: 20.630 min Scan# 3008
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:149 Resp: 1029397

Ion	Ratio	Lower	Upper
149	100		
91	72.5	56.6	85.0
206	23.5	17.4	26.0

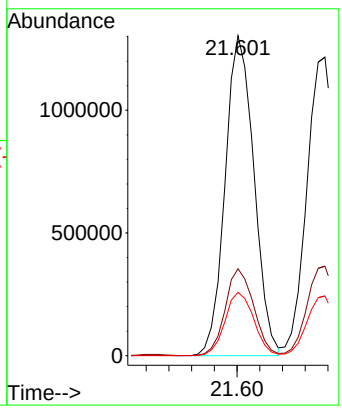




#81
Benzo(a)anthracene
Concen: 39.623 ng
RT: 21.601 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:228 Resp: 229804

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.6	32.4
229	19.8	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
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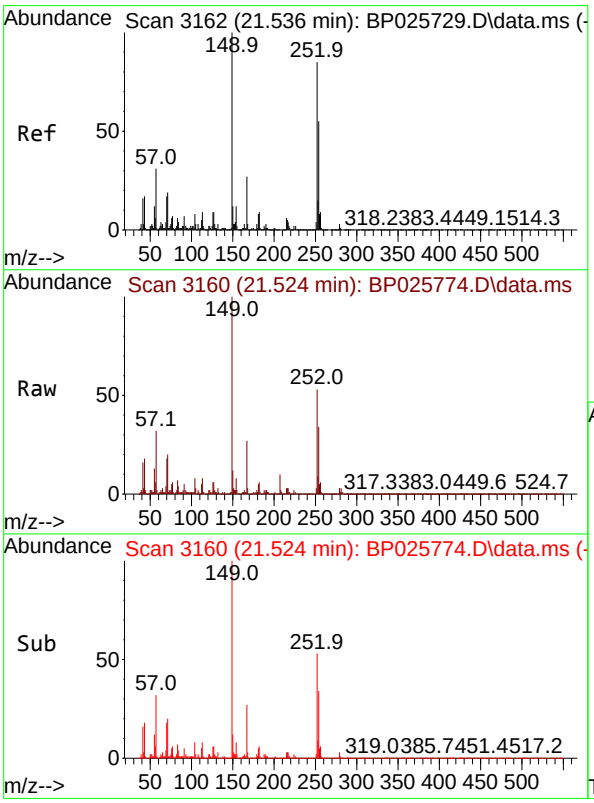
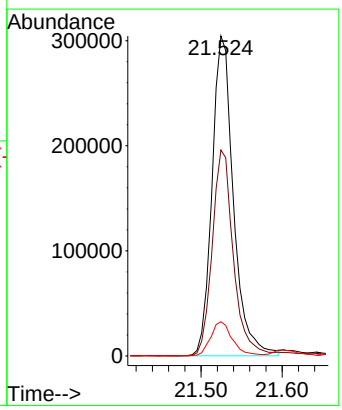
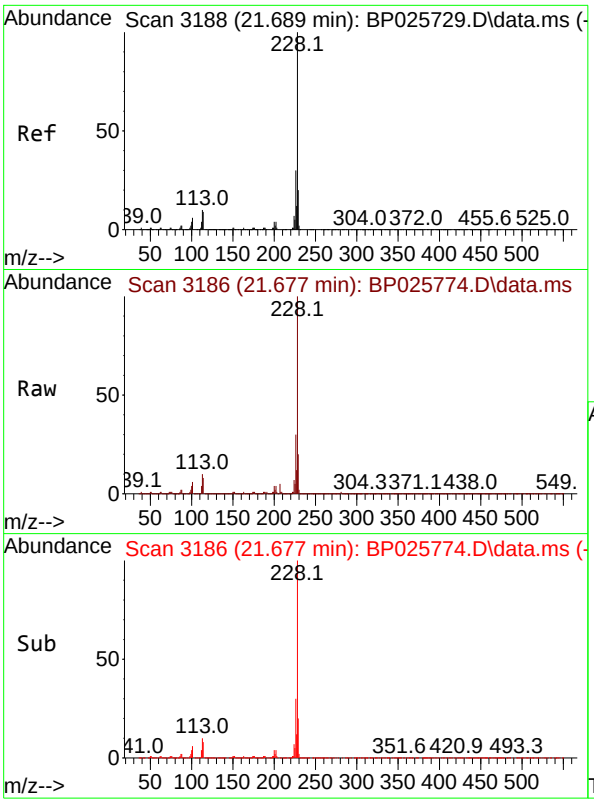


#82
3,3'-Dichlorobenzidine
Concen: 27.784 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:252 Resp: 557181

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.0
126	10.7	8.3	12.5

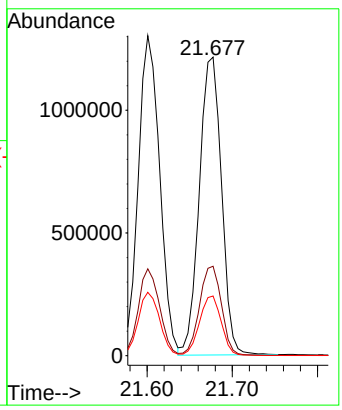




#83
Chrysene
Concen: 39.761 ng
RT: 21.677 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:228 Resp: 219822

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	20.0	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
PB169719BS

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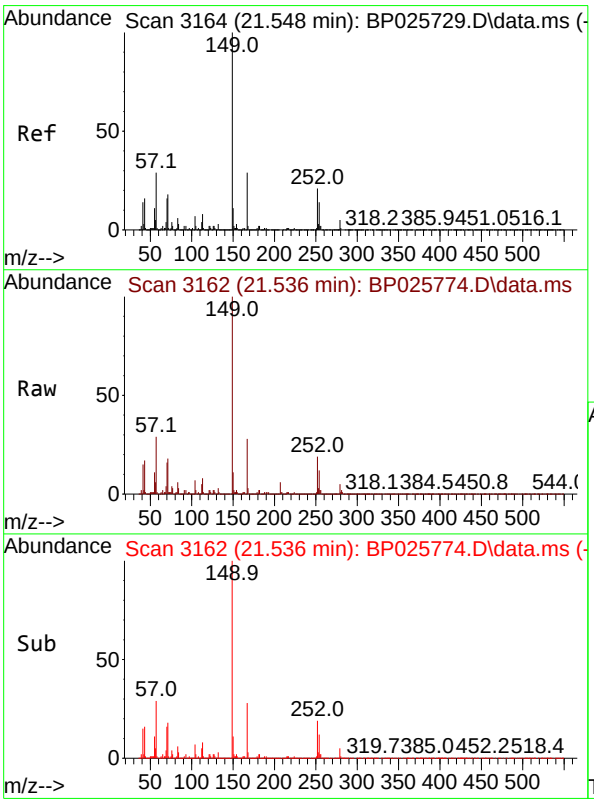
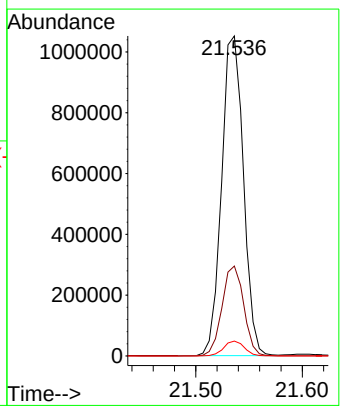
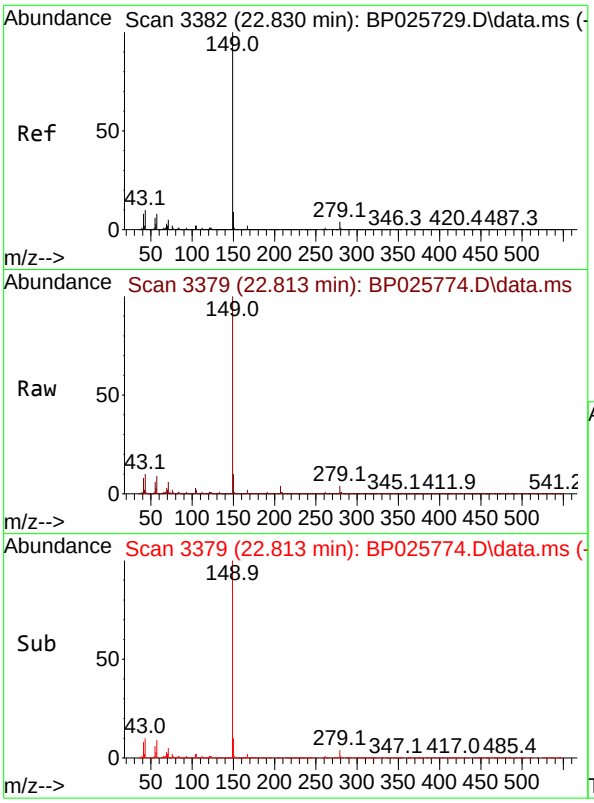


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.163 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:149 Resp: 1492612

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.9	34.3
279	4.6	3.8	5.8





#85
Di-n-octyl phthalate
Concen: 39.836 ng
RT: 22.813 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

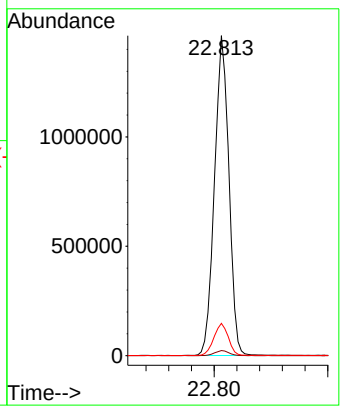
Tgt Ion:149 Resp: 256949

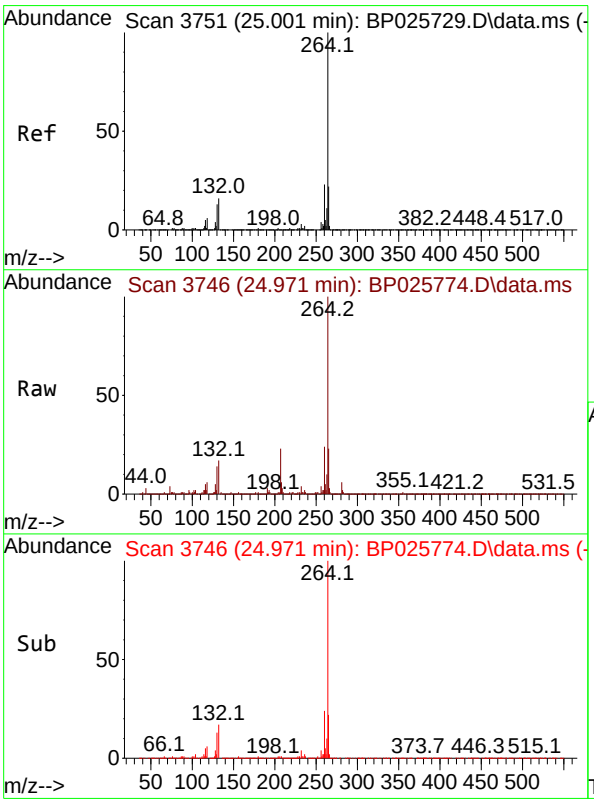
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.0	8.0	12.0

Instrument :
BNA_P
ClientSampleId :
PB169719BS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025

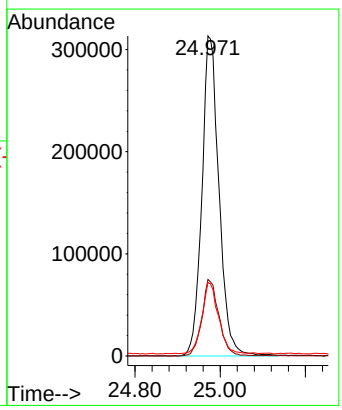


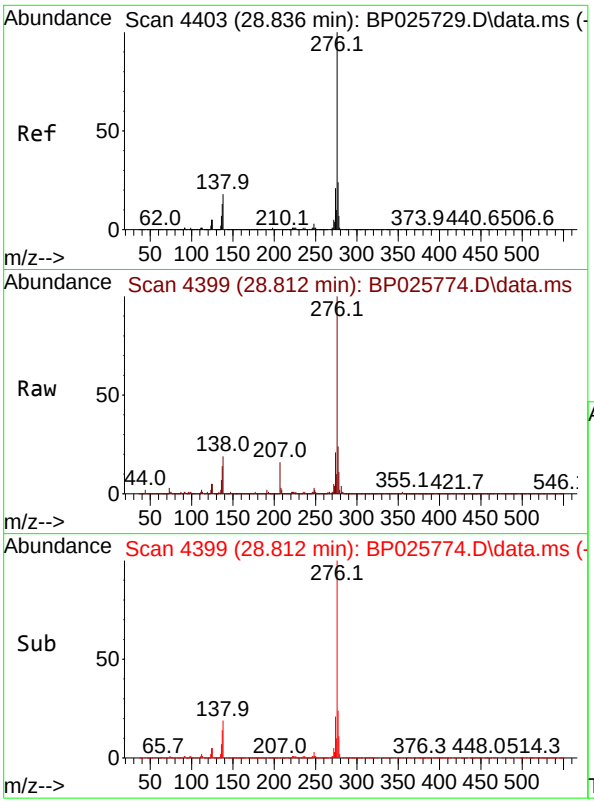


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.971 min Scan# 3746
Delta R.T. -0.029 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:264 Resp: 873039

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	23.0	17.3	25.9

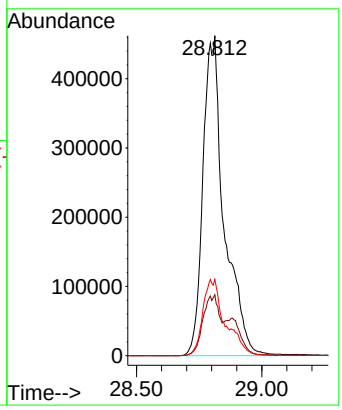




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.775 ng
RT: 28.812 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:276 Resp: 271572

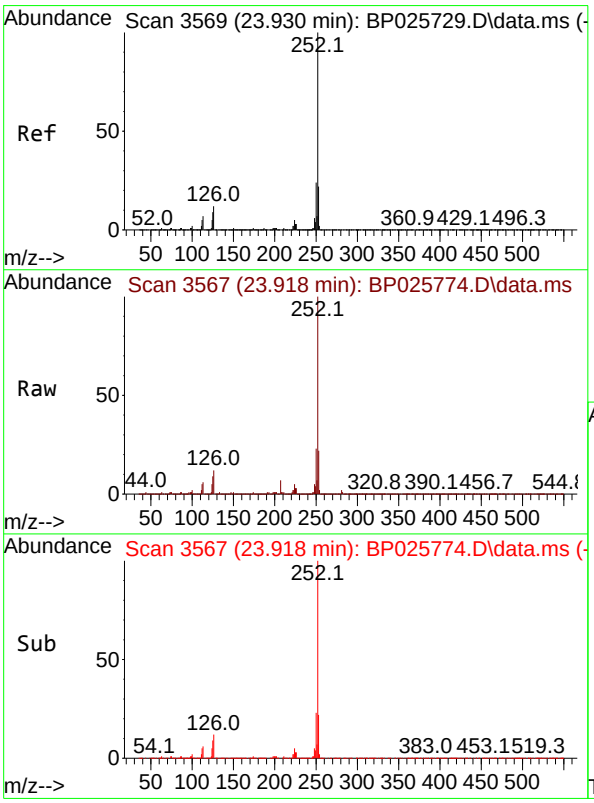
Ion	Ratio	Lower	Upper
276	100		
138	8.5	13.4	20.2#
277	25.3	9.1	13.7#



Instrument :
BNA_P
ClientSampleId :
PB169719BS

Manual Integrations
APPROVED

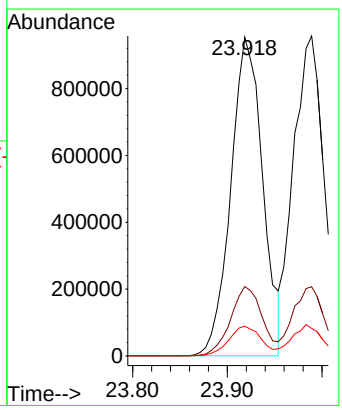
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025

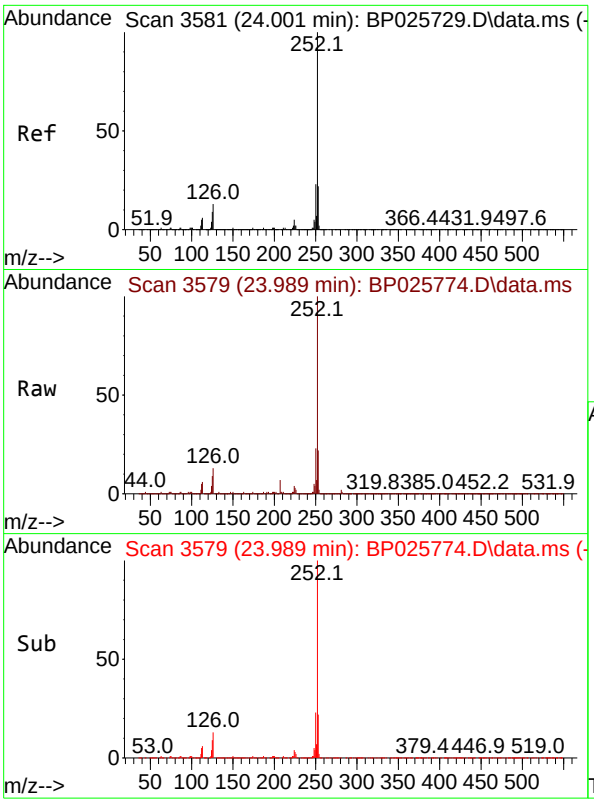


#88
Benzo(b)fluoranthene
Concen: 41.793 ng
RT: 23.918 min Scan# 3567
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:252 Resp: 2231239

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.4	7.3	10.9

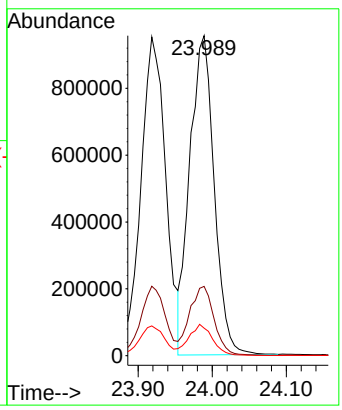




#89
Benzo(k)fluoranthene
Concen: 40.104 ng
RT: 23.989 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:252 Resp: 218483

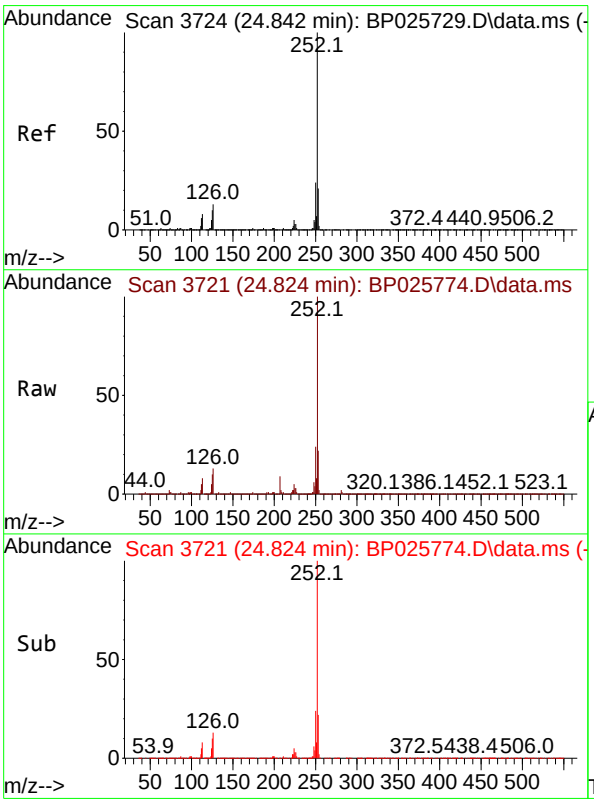
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	8.6	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
PB169719BS

Manual Integrations
APPROVED

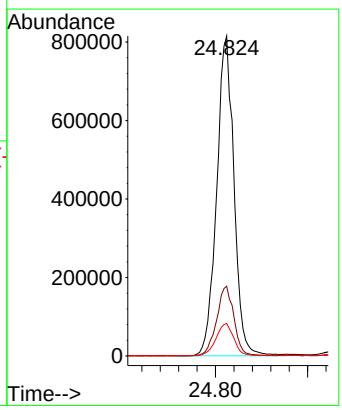
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025

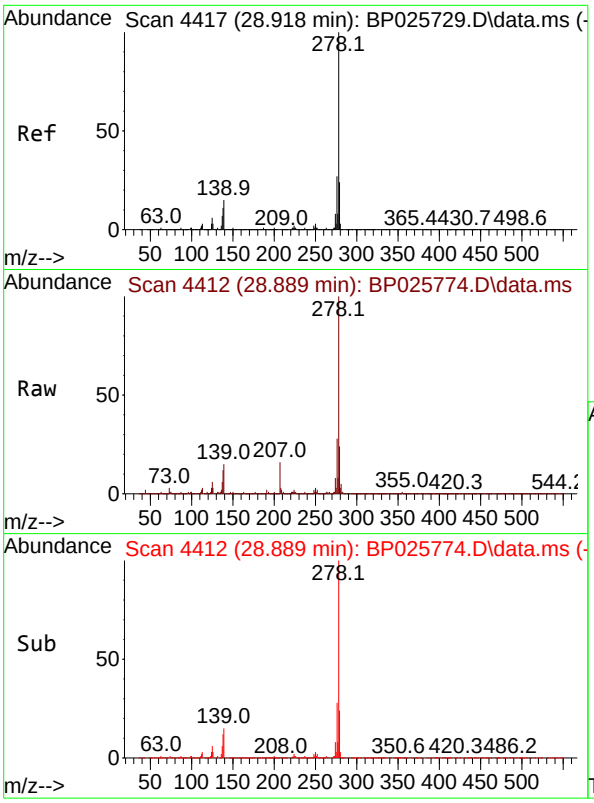


#90
Benzo(a)pyrene
Concen: 40.442 ng
RT: 24.824 min Scan# 3721
Delta R.T. -0.018 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:252 Resp: 2114441

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.2	8.3	12.5

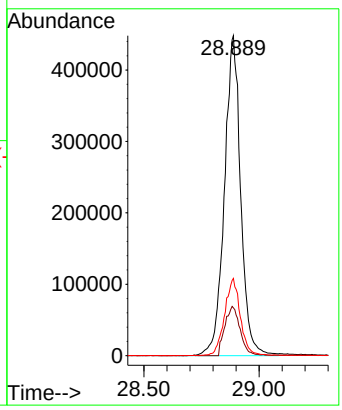




#91
Dibenzo(a,h)anthracene
Concen: 42.348 ng
RT: 28.889 min Scan# 44
Delta R.T. -0.029 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:278 Resp: 220019

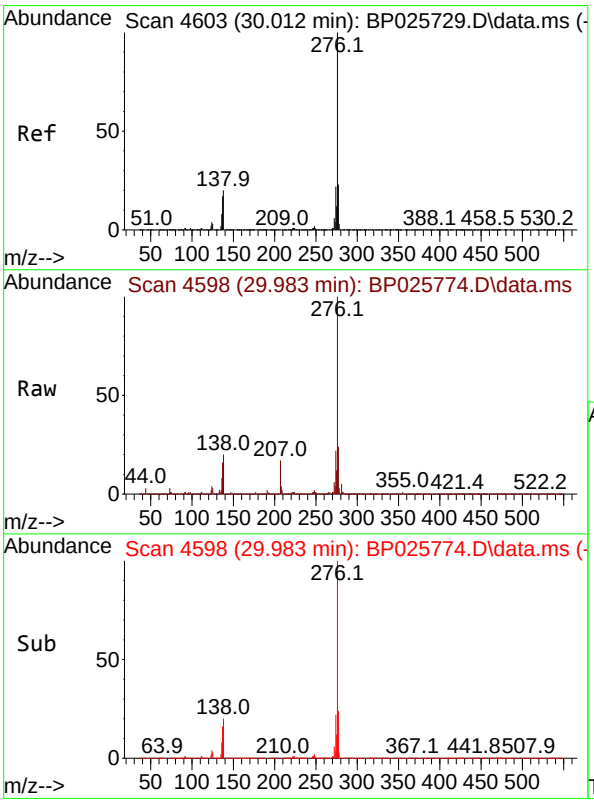
Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.1	18.1
279	24.2	19.6	29.4



Instrument :
BNA_P
ClientSampleId :
PB169719BS

Manual Integrations
APPROVED

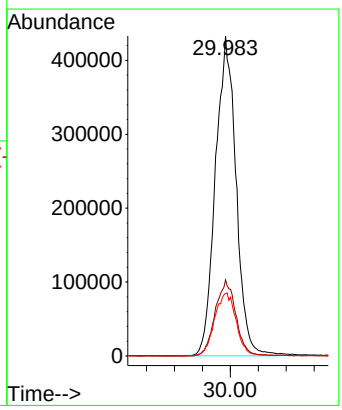
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025



#92
Benzo(g,h,i)perylene
Concen: 43.235 ng
RT: 29.983 min Scan# 4598
Delta R.T. -0.029 min
Lab File: BP025774.D
Acq: 17 Sep 2025 20:35

Tgt Ion:276 Resp: 2209083

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	19.6	16.0	24.0



Raw Data: **BP025775.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	PB169719BSD	SDG No.:	Q3083
Lab Sample ID:	PB169719BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025775.D	1	09/17/25 09:05	09/17/25 21:16	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	29.8		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	38.1		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	37.0		1.30	5.00	ug/L
98-86-2	Acetophenone	40.8		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36.4		1.40	2.50	ug/L
67-72-1	Hexachloroethane	38.0		0.65	5.00	ug/L
98-95-3	Nitrobenzene	38.9		0.76	5.00	ug/L
78-59-1	Isophorone	36.9		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	38.3		0.68	5.00	ug/L
91-20-3	Naphthalene	38.1		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	20.1		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	38.7		0.54	5.00	ug/L
105-60-2	Caprolactam	36.6		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	37.6		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	76.9		3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	41.4		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	38.8		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	40.3		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	38.7		0.61	5.00	ug/L
208-96-8	Acenaphthylene	39.7		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	39.5		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	27.5		1.10	5.00	ug/L
83-32-9	Acenaphthene	38.4		0.55	5.00	ug/L
132-64-9	Dibenzofuran	38.3		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	40.5		1.20	5.00	ug/L
84-66-2	Diethylphthalate	38.9		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	37.9		0.68	5.00	ug/L
86-73-7	Fluorene	38.1		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	39.3		1.50	5.00	ug/L

Raw Data: **BP025775.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Blanchard			Date Received:	
Client Sample ID:	PB169719BSD			SDG No.:	Q3083
Lab Sample ID:	PB169719BSD			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025775.D	1	09/17/25 09:05	09/17/25 21:16	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	40.0		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	39.9		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	38.5		0.52	5.00	ug/L
1912-24-9	Atrazine	39.9		1.00	5.00	ug/L
85-01-8	Phenanthrene	39.0		0.50	5.00	ug/L
120-12-7	Anthracene	39.1		0.61	5.00	ug/L
86-74-8	Carbazole	39.4		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	39.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	39.3		0.82	5.00	ug/L
129-00-0	Pyrene	41.3		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	42.1		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	27.6		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	40.2		0.45	5.00	ug/L
218-01-9	Chrysene	39.5		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	39.2		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	41.7		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	42.5		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	40.7		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.6		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	42.6		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	43.3		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.4		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	32.7		1.00	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	116		15 (23) - 110 (138)	78%	SPK: 150
13127-88-3	Phenol-d6	110		15 (10) - 110 (134)	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.8		30 (67) - 130 (132)	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.9		30 (52) - 130 (132)	70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	113		15 (44) - 110 (137)	76%	SPK: 150

Raw Data: **BP025775.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Blanchard			Date Received:	
Client Sample ID:	PB169719BSD			SDG No.:	Q3083
Lab Sample ID:	PB169719BSD			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025775.D	1	09/17/25 09:05	09/17/25 21:16	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	72.7		30 (42) - 130 (152)	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	165000	7.755			
1146-65-2	Naphthalene-d8	637000	10.525			
15067-26-2	Acenaphthene-d10	414000	14.372			
1517-22-2	Phenanthrene-d10	845000	17.178			
1719-03-5	Chrysene-d12	850000	21.63			
1520-96-3	Perylene-d12	857000	24.983			

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\BP091725\
Data File : BP025775.D
Acq On : 17 Sep 2025 21:16
Operator : CG/JU
Sample : PB169719BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Quant Time: Sep 18 04:25:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	164703	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	637233	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	413759	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	845328	20.000	ng	0.00
76) Chrysene-d12	21.630	240	850188	20.000	ng	-0.01
86) Perylene-d12	24.983	264	857103	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1187548	116.341	ng	0.00
7) Phenol-d6	6.943	99	1497740	110.391	ng	0.00
23) Nitrobenzene-d5	8.902	82	1008718	69.826	ng	0.00
42) 2,4,6-Tribromophenol	15.889	330	585379	113.428	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2172930	69.926	ng	0.00
79) Terphenyl-d14	19.901	244	3437645	72.740	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.314	88	140155	32.715	ng	99
3) Pyridine	3.708	79	388608	32.942	ng	98
4) n-Nitrosodimethylamine	3.614	42	205369	36.894	ng	98
6) Aniline	7.090	93	488835	26.246	ng	98
8) 2-Chlorophenol	7.331	128	437783	39.095	ng	99
9) Benzaldehyde	6.913	77	242697	29.844	ng	99
10) Phenol	6.972	94	558256	39.022	ng	99
11) bis(2-Chloroethyl)ether	7.184	93	437619	38.074	ng	98
12) 1,3-Dichlorobenzene	7.649	146	481264	37.762	ng	98
13) 1,4-Dichlorobenzene	7.790	146	493735	38.032	ng	99
14) 1,2-Dichlorobenzene	8.102	146	473440	37.539	ng	98
15) Benzyl Alcohol	7.996	79	399861	35.666	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	695251	36.988	ng	100
17) 2-Methylphenol	8.202	107	367765	38.129	ng	99
18) Hexachloroethane	8.819	117	188643	38.042	ng	98
19) n-Nitroso-di-n-propyla...	8.549	70	344161	36.369	ng	99
20) 3+4-Methylphenols	8.525	107	497913	36.860	ng	99
22) Acetophenone	8.566	105	694903	40.806	ng	99
24) Nitrobenzene	8.943	77	503635	38.862	ng	98
25) Isophorone	9.466	82	935933	36.860	ng	99
26) 2-Nitrophenol	9.649	139	232236	40.362	ng	94
27) 2,4-Dimethylphenol	9.713	122	397141	39.343	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	561954	38.287	ng	99
29) 2,4-Dichlorophenol	10.184	162	406578	40.397	ng	98
30) 1,2,4-Trichlorobenzene	10.390	180	442026	38.970	ng	99
31) Naphthalene	10.572	128	1308580	38.084	ng	99
32) Benzoic acid	9.878	122	310336	41.351	ng	96
33) 4-Chloroaniline	10.684	127	288398	20.138	ng	99
34) Hexachlorobutadiene	10.860	225	282532	38.694	ng	99
35) Caprolactam	11.478	113	142021	36.606	ng	98
36) 4-Chloro-3-methylphenol	11.819	107	464577	38.718	ng	97
37) 2-Methylnaphthalene	12.184	142	830855	37.648	ng	98
38) 1-Methylnaphthalene	12.401	142	874135	37.144	ng	100
40) 1,2,4,5-Tetrachloroben...	12.548	216	519332	41.421	ng	99
41) Hexachlorocyclopentadiene	12.531	237	525022	76.885	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	336607	40.838	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025775.D
Acq On : 17 Sep 2025 21:16
Operator : CG/JU
Sample : PB169719BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Quant Time: Sep 18 04:25:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

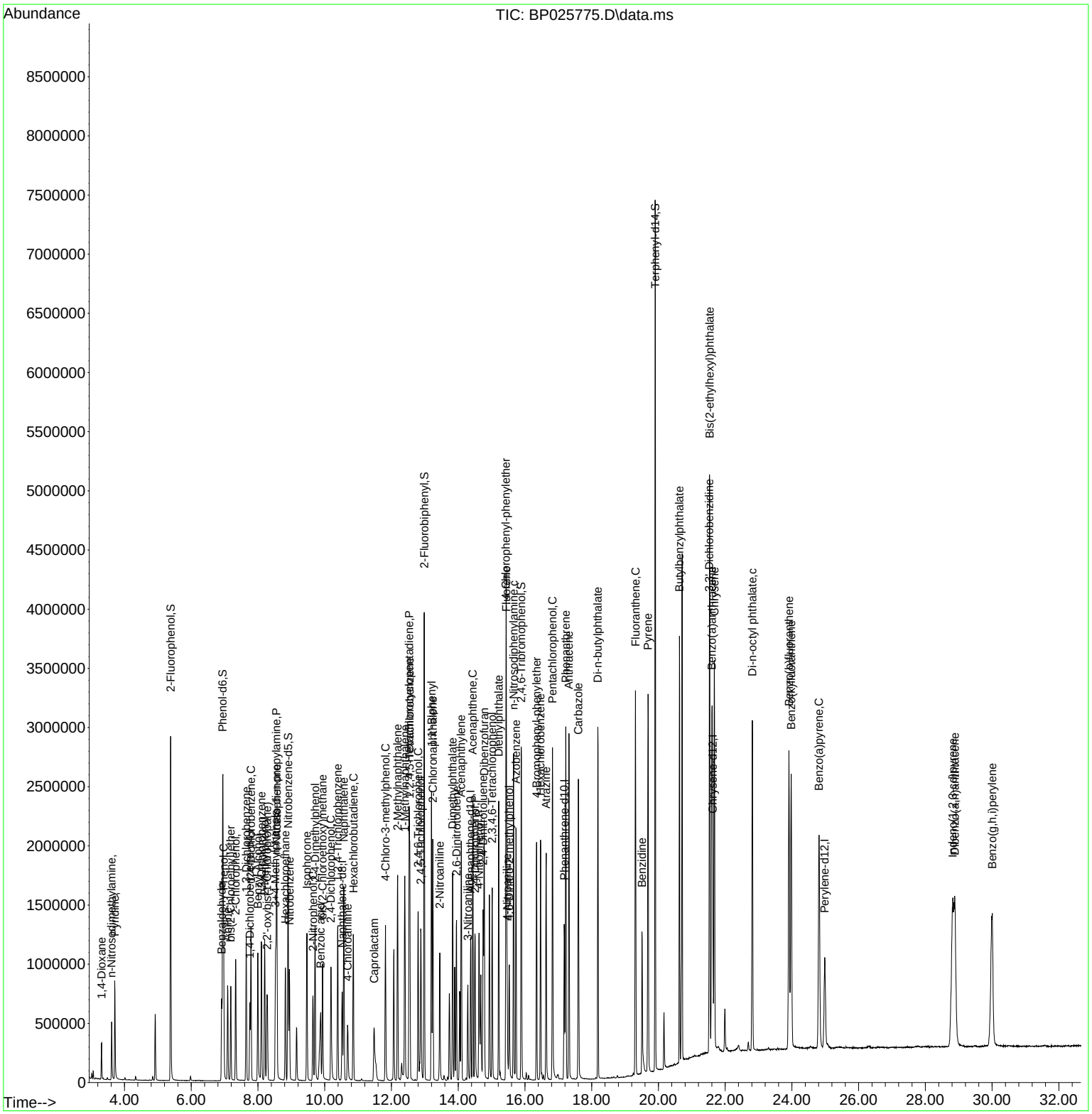
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	363764	39.655	ng		99
46) 1,1'-Biphenyl	13.201	154	1256026	41.357	ng		99
47) 2-Chloronaphthalene	13.243	162	927183	38.773	ng		98
48) 2-Nitroaniline	13.448	65	320953	40.263	ng		98
49) Acenaphthylene	14.090	152	1573291	39.708	ng		100
50) Dimethylphthalate	13.831	163	1223345	38.727	ng		99
51) 2,6-Dinitrotoluene	13.948	165	264565	39.531	ng		99
52) Acenaphthene	14.437	154	878336	38.440	ng		100
53) 3-Nitroaniline	14.290	138	193474	27.490	ng		95
54) 2,4-Dinitrophenol	14.507	184	319344	73.787	ng		99
55) Dibenzofuran	14.778	168	1425642	38.282	ng		99
56) 4-Nitrophenol	14.625	139	437941	72.692	ng		97
57) 2,4-Dinitrotoluene	14.748	165	385720	40.497	ng		98
58) Fluorene	15.442	166	1127137	38.062	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	326930	39.563	ng		100
60) Diethylphthalate	15.213	149	1245832	38.880	ng		100
61) 4-Chlorophenyl-phenyle...	15.431	204	566110	37.932	ng		99
62) 4-Nitroaniline	15.466	138	283646	39.340	ng		98
63) Azobenzene	15.731	77	1190017	38.409	ng		99
65) 4,6-Dinitro-2-methylph...	15.531	198	227000	40.379	ng		94
66) n-Nitrosodiphenylamine	15.660	169	1035040	40.011	ng		99
67) 4-Bromophenyl-phenylether	16.348	248	370443	39.890	ng		99
68) Hexachlorobenzene	16.466	284	398949	38.523	ng		98
69) Atrazine	16.636	200	394105	39.855	ng		98
70) Pentachlorophenol	16.825	266	544904	79.722	ng		99
71) Phenanthrene	17.225	178	1871116	39.021	ng		100
72) Anthracene	17.319	178	1900966	39.072	ng		100
73) Carbazole	17.601	167	1782815	39.414	ng		99
74) Di-n-butylphthalate	18.183	149	2172820	39.143	ng		100
75) Fluoranthene	19.313	202	2258488	39.271	ng		100
77) Benzidine	19.507	184	844260	34.474	ng		99
78) Pyrene	19.689	202	2341307	41.272	ng		99
80) Butylbenzylphthalate	20.630	149	1046003	42.053	ng		98
81) Benzo(a)anthracene	21.601	228	2337622	40.162	ng		99
82) 3,3'-Dichlorobenzidine	21.524	252	556223	27.637	ng		98
83) Chrysene	21.677	228	2189029	39.453	ng		100
84) Bis(2-ethylhexyl)phtha...	21.536	149	1492610	41.016	ng		100
85) Di-n-octyl phthalate	22.813	149	2538713	39.218	ng		99
87) Indeno(1,2,3-cd)pyrene	28.818	276	2655840	42.609	ng	#	76
88) Benzo(b)fluoranthene	23.913	252	2187404	41.733	ng		99
89) Benzo(k)fluoranthene	23.977	252	2274107	42.519	ng		100
90) Benzo(a)pyrene	24.812	252	2087891	40.677	ng		99
91) Dibenzo(a,h)anthracene	28.883	278	2174745	42.636	ng		99
92) Benzo(g,h,i)perylene	30.006	276	2173956	43.339	ng		99

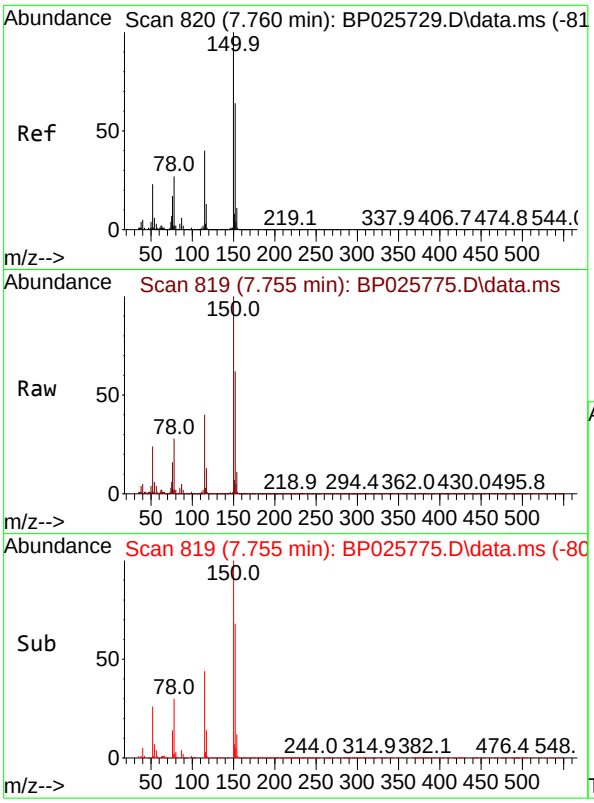
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025775.D
Acq On : 17 Sep 2025 21:16
Operator : CG/JU
Sample : PB169719BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Quant Time: Sep 18 04:25:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



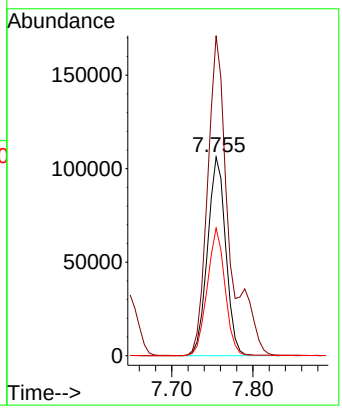


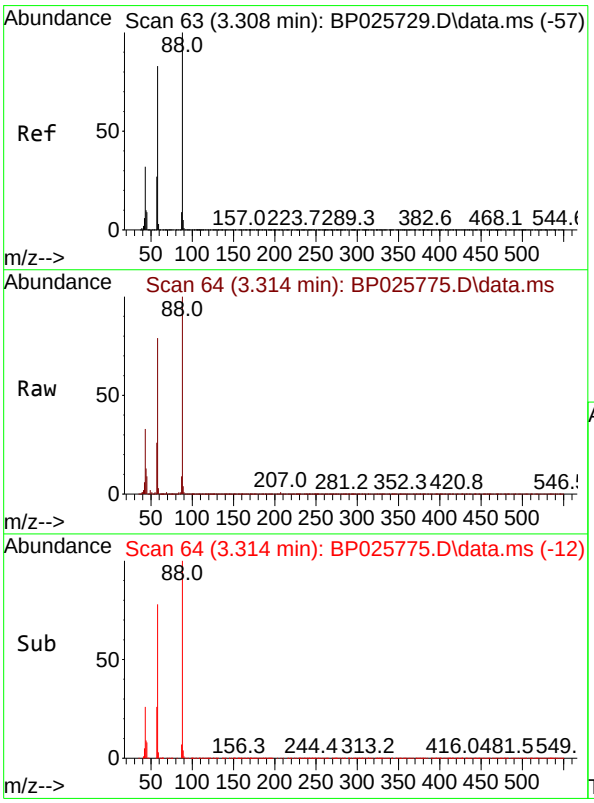
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 8
Delta R.T. -0.005 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:152 Resp: 164703

Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.3	186.5
115	64.2	50.3	75.5

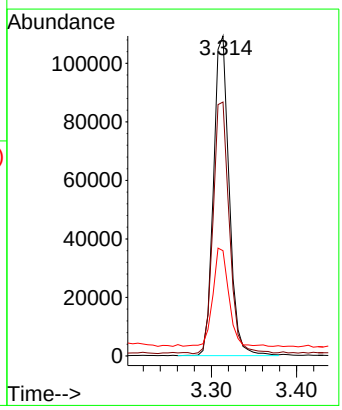


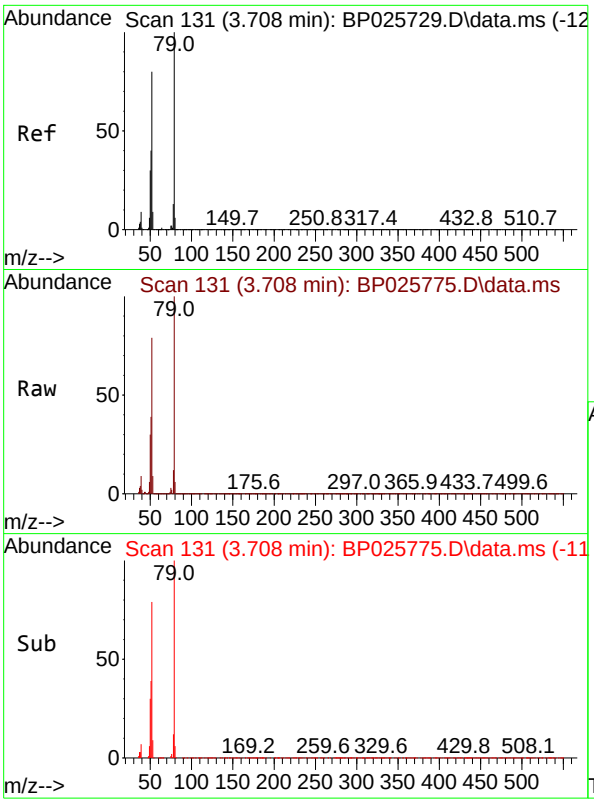


#2
1,4-Dioxane
Concen: 32.715 ng
RT: 3.314 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion: 88 Resp: 140155

Ion	Ratio	Lower	Upper
88	100		
58	81.4	65.5	98.3
43	31.1	25.2	37.8



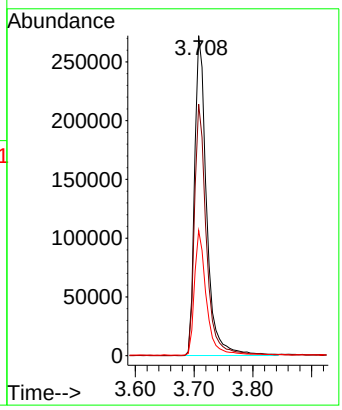


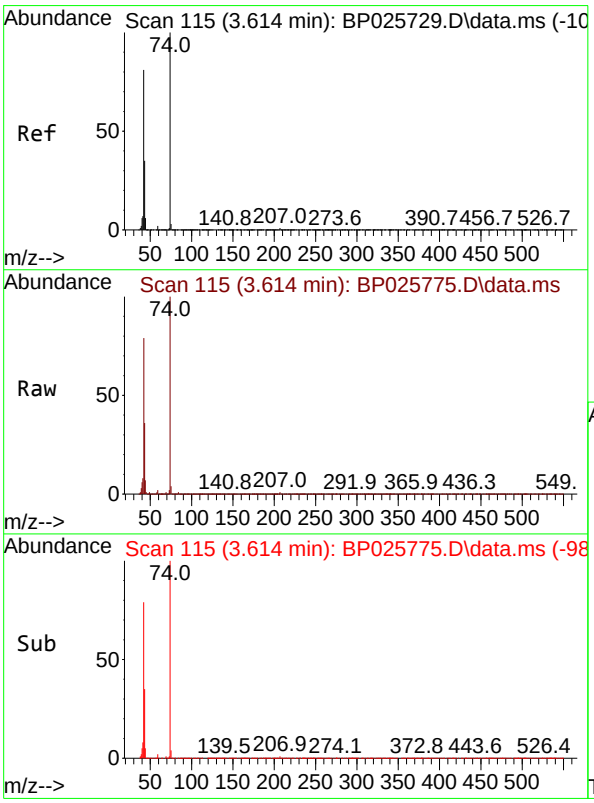
#3
Pyridine
Concen: 32.942 ng
RT: 3.708 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion: 79 Resp: 388608

Ion	Ratio	Lower	Upper
79	100		
52	78.6	63.7	95.5
51	39.1	32.4	48.6

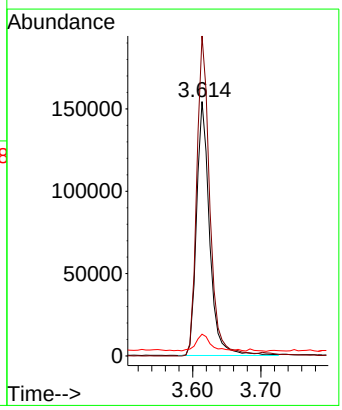


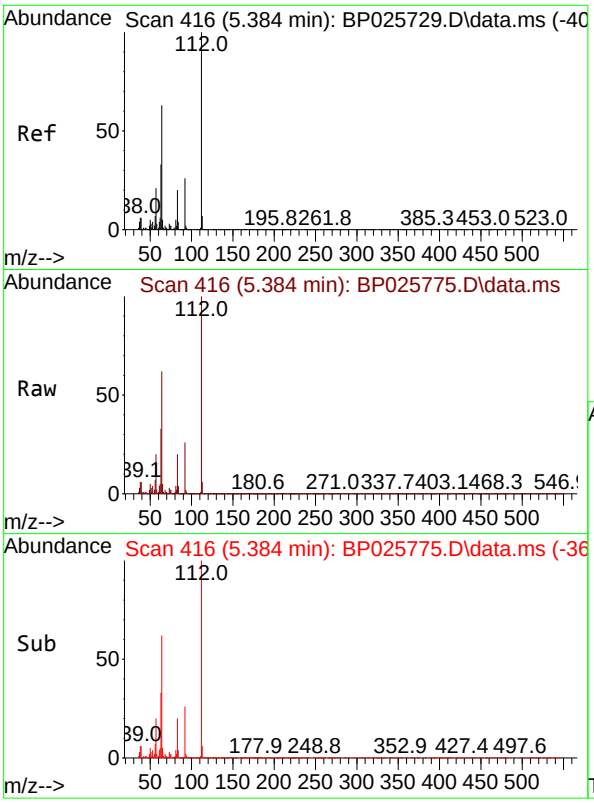


#4
n-Nitrosodimethylamine
Concen: 36.894 ng
RT: 3.614 min Scan# 115
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion: 42 Resp: 205369

Ion	Ratio	Lower	Upper
42	100		
74	125.8	99.2	148.8
44	8.5	6.4	9.6



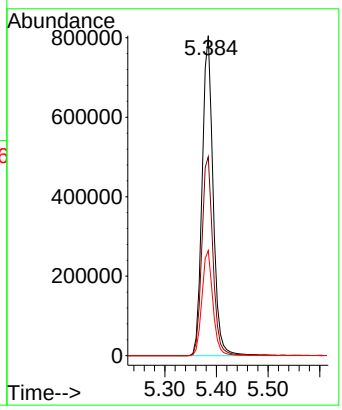


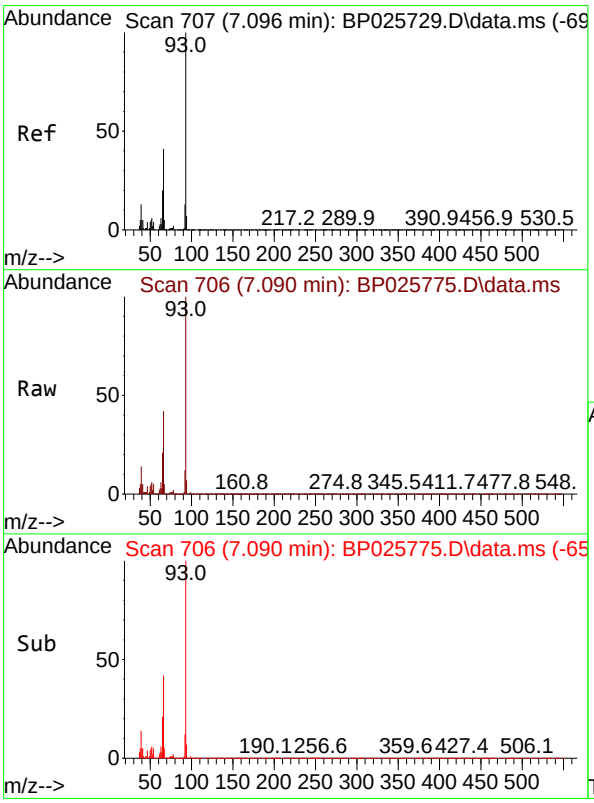
#5
2-Fluorophenol
Concen: 116.341 ng
RT: 5.384 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:112 Resp: 1187548

Ion	Ratio	Lower	Upper
112	100		
64	62.2	50.2	75.4
63	32.9	26.7	40.1

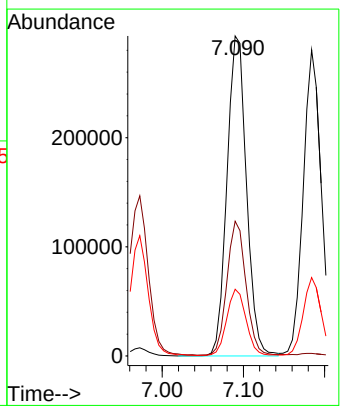


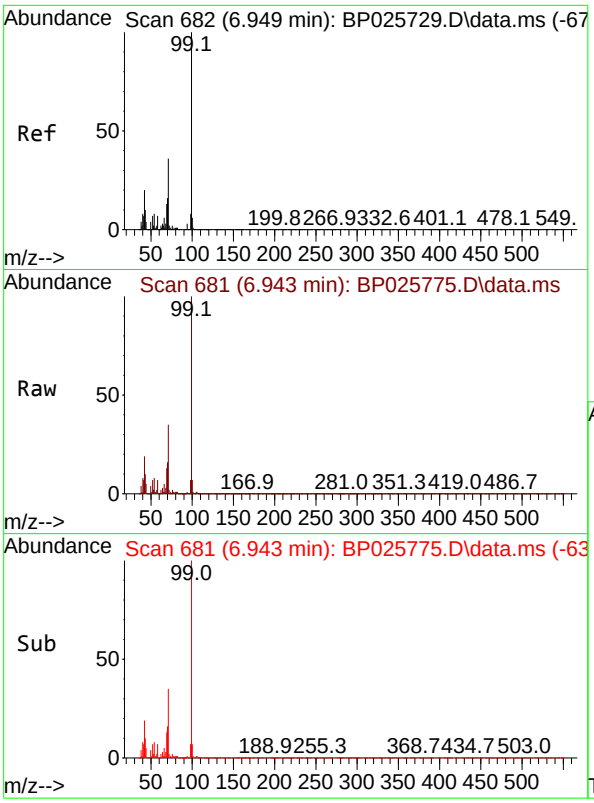


#6
Aniline
Concen: 26.246 ng
RT: 7.090 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion: 93 Resp: 488835

Ion	Ratio	Lower	Upper
93	100		
66	42.1	32.6	49.0
65	20.9	16.2	24.2



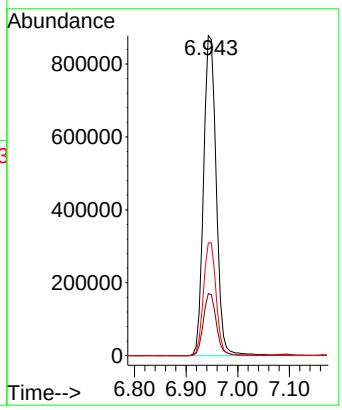


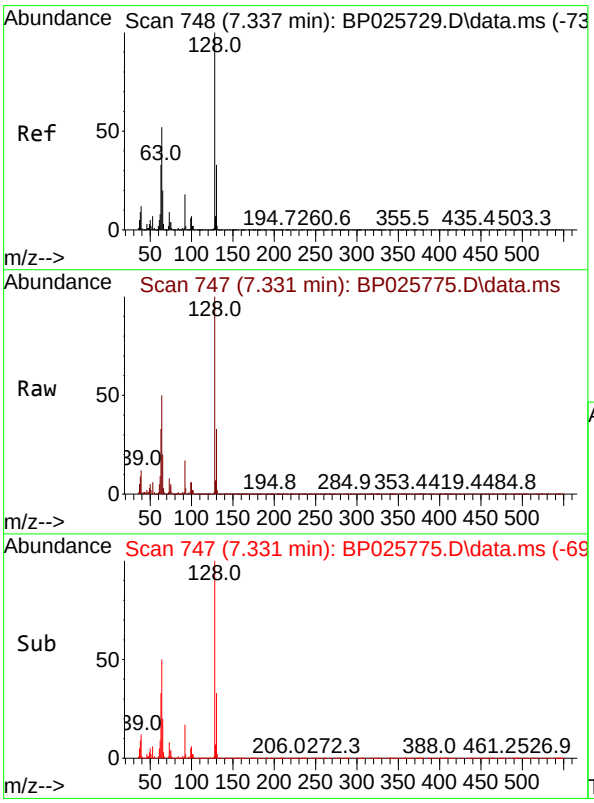
#7
Phenol-d6
Concen: 110.391 ng
RT: 6.943 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion: 99 Resp: 1497740

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.6	23.4
71	35.2	28.6	43.0

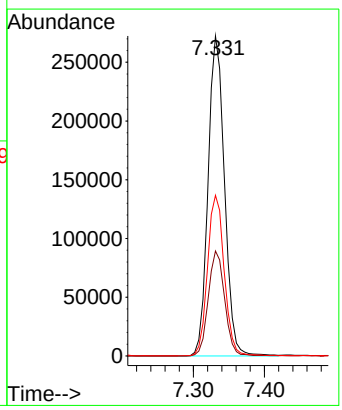


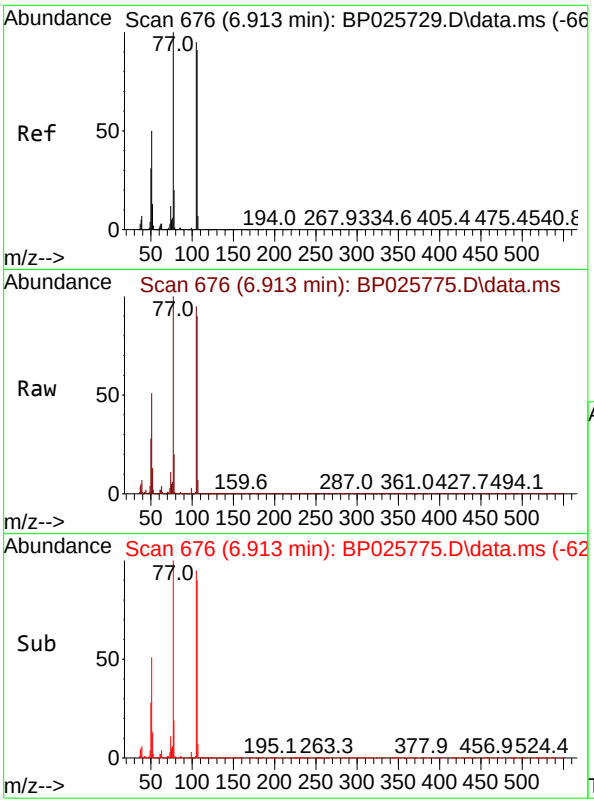


#8
2-Chlorophenol
Concen: 39.095 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:128 Resp: 437783

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	50.2	31.6	71.6



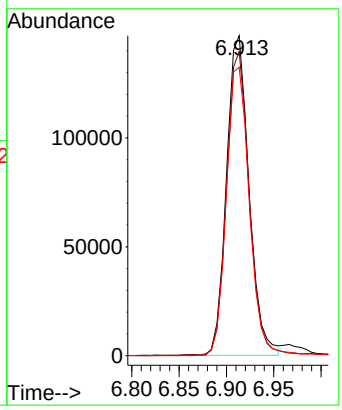


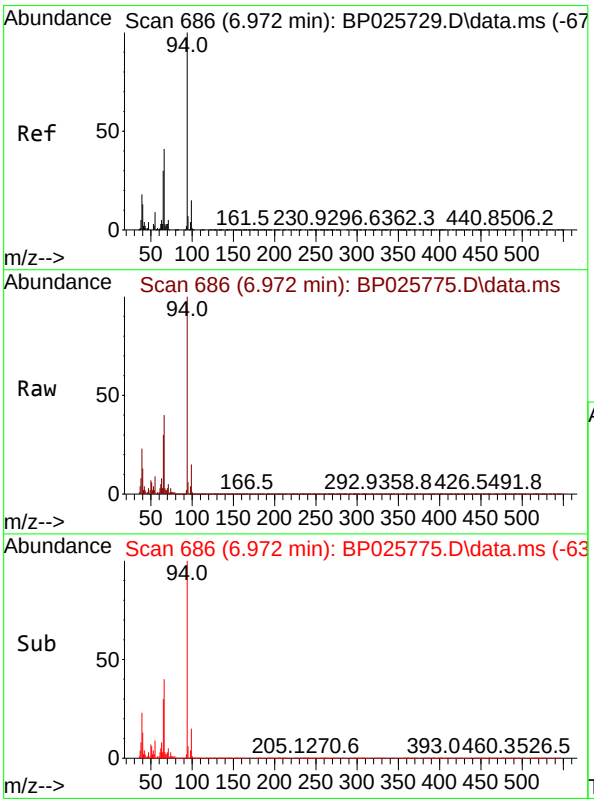
#9
Benzaldehyde
Concen: 29.844 ng
RT: 6.913 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion: 77 Resp: 242697

Ion	Ratio	Lower	Upper
77	100		
105	95.0	75.2	115.2
106	90.2	71.3	111.3

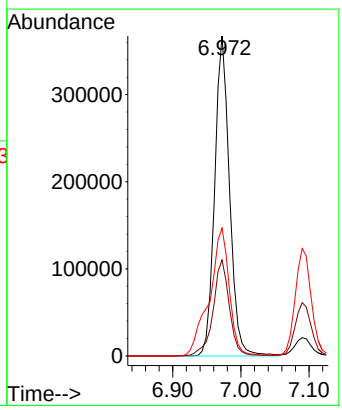


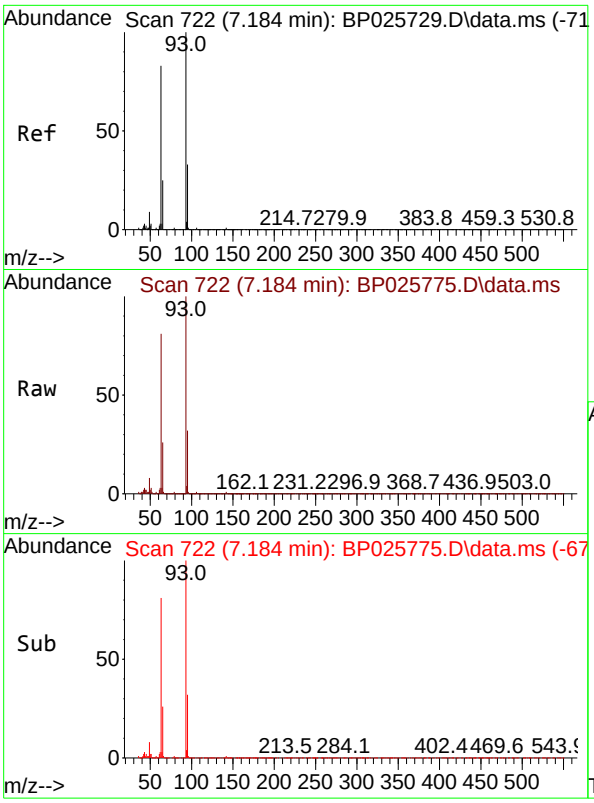


#10
Phenol
Concen: 39.022 ng
RT: 6.972 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion: 94 Resp: 558256

Ion	Ratio	Lower	Upper
94	100		
65	30.0	10.2	50.2
66	40.0	21.4	61.4



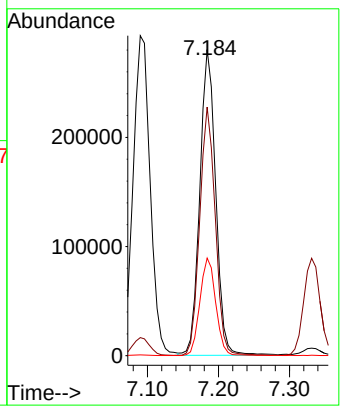


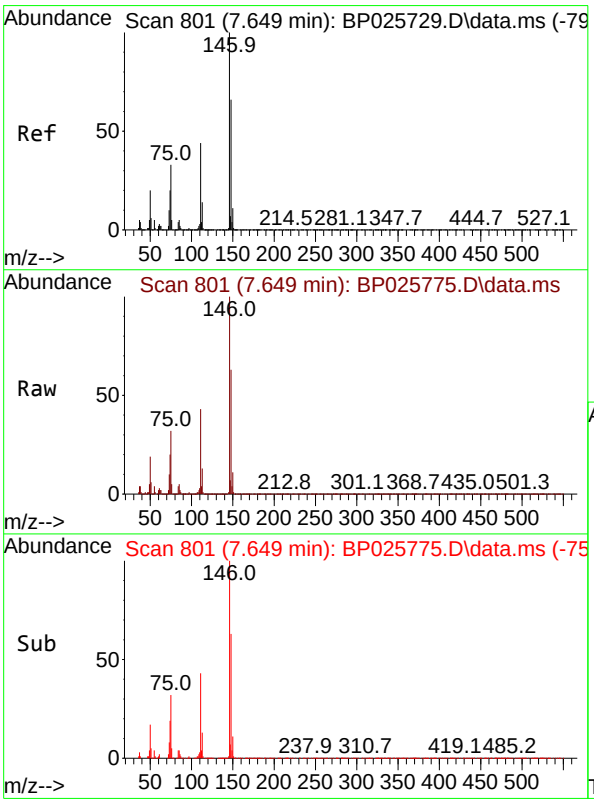
#11
bis(2-Chloroethyl)ether
Concen: 38.074 ng
RT: 7.184 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion: 93 Resp: 437619

Ion	Ratio	Lower	Upper
93	100		
63	81.3	62.6	102.6
95	31.9	13.2	53.2

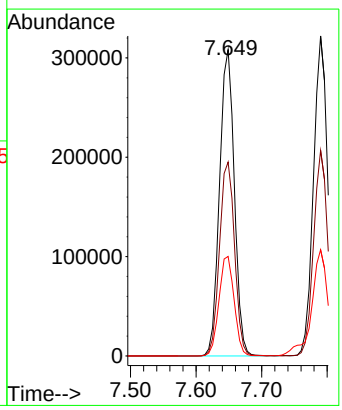


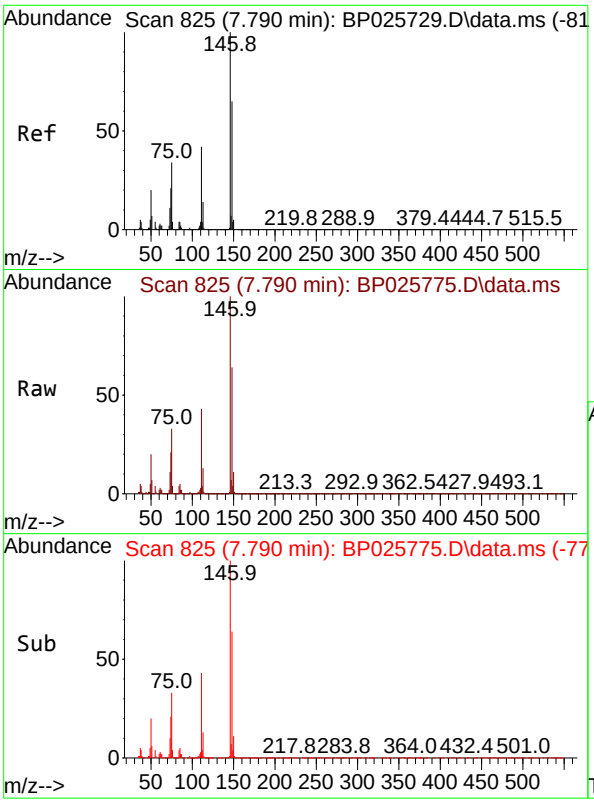


#12
1,3-Dichlorobenzene
Concen: 37.762 ng
RT: 7.649 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:146 Resp: 481264

Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.7	79.1
75	32.5	26.4	39.6



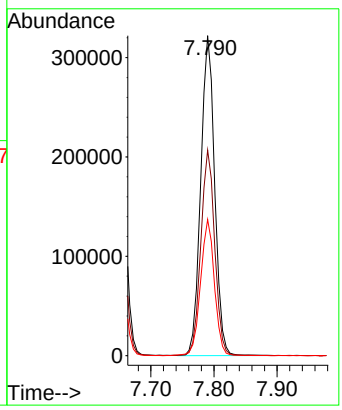


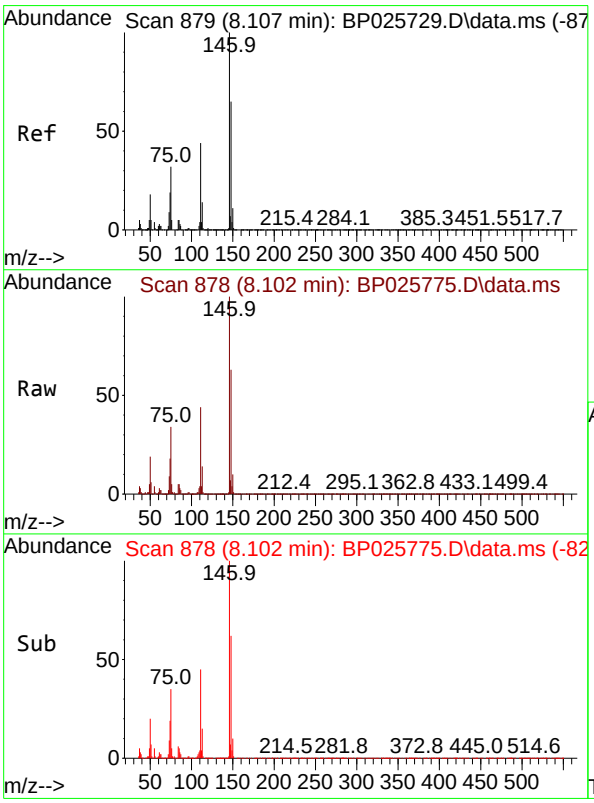
#13
1,4-Dichlorobenzene
Concen: 38.032 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:146 Resp: 493735

Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.0	78.0
111	42.6	33.9	50.9

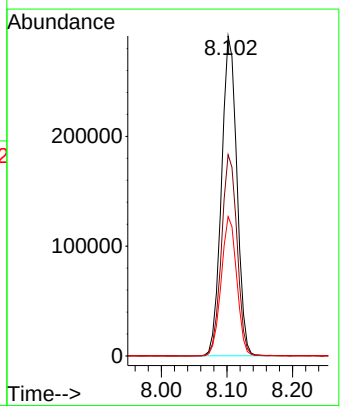


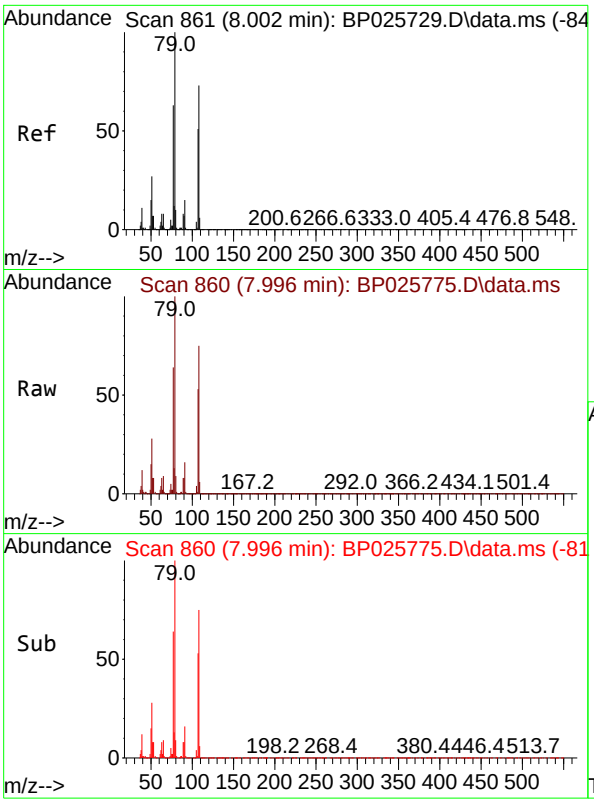


#14
1,2-Dichlorobenzene
Concen: 37.539 ng
RT: 8.102 min Scan# 878
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:146 Resp: 473440

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.7	77.5
111	43.5	35.5	53.3



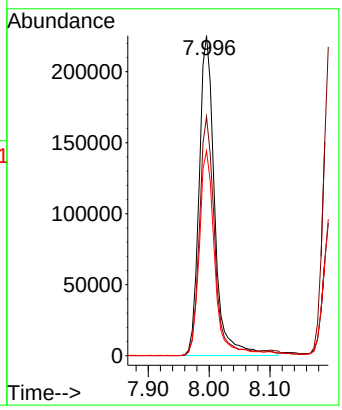


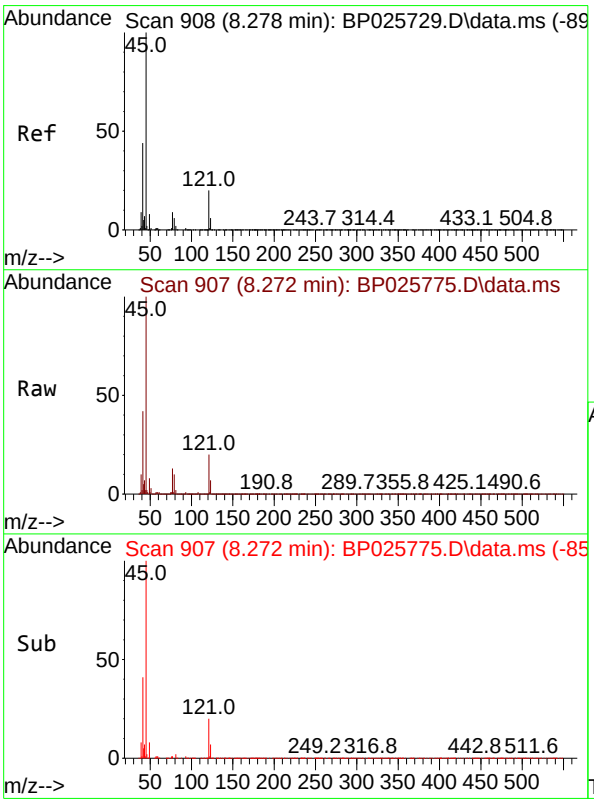
#15
Benzyl Alcohol
Concen: 35.666 ng
RT: 7.996 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion: 79 Resp: 399861

Ion	Ratio	Lower	Upper
79	100		
108	74.7	58.7	88.1
77	64.0	50.2	75.2

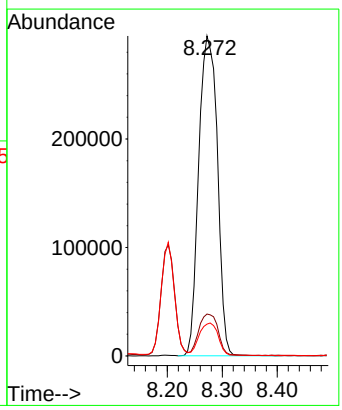


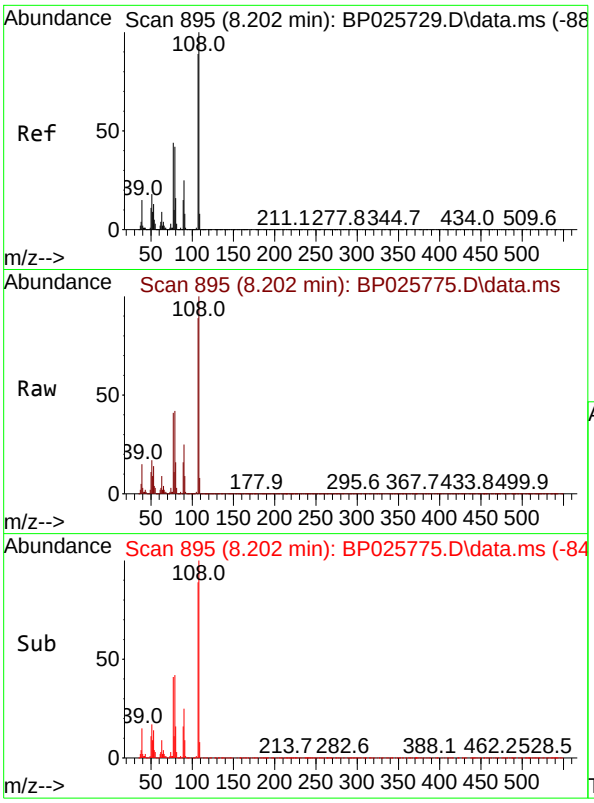


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.988 ng
RT: 8.272 min Scan# 907
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion: 45 Resp: 695251

Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	33.1
79	10.0	0.0	30.0



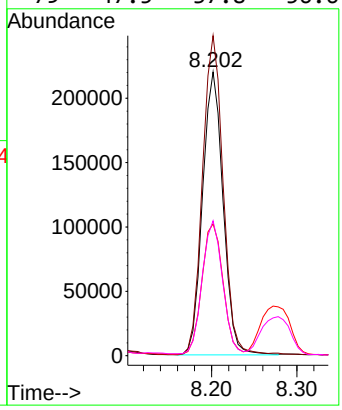


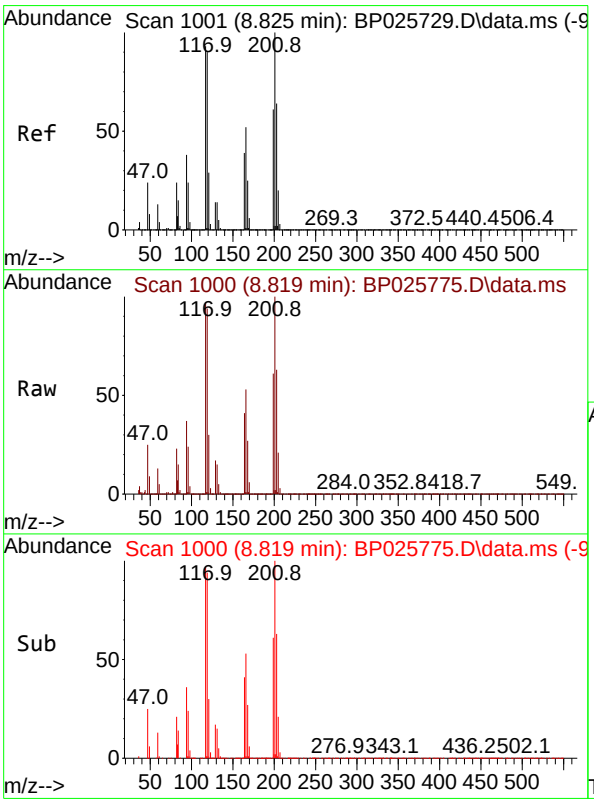
#17
2-Methylphenol
Concen: 38.129 ng
RT: 8.202 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:107 Resp: 367765

Ion	Ratio	Lower	Upper
107	100		
108	112.8	89.6	134.4
77	46.4	39.3	58.9
79	47.5	37.8	56.6

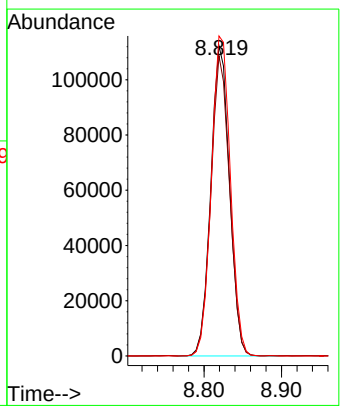


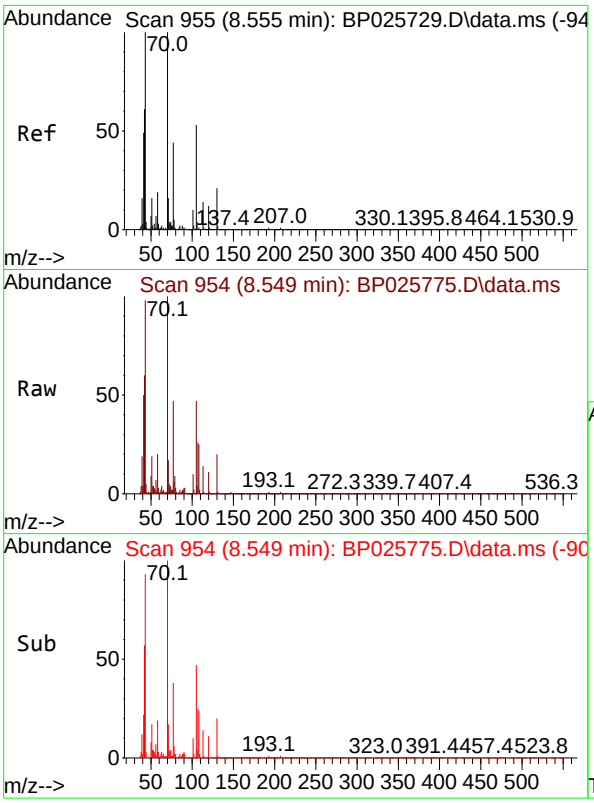


#18
Hexachloroethane
Concen: 38.042 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:117 Resp: 188643

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.1	115.7
201	103.2	85.6	128.4



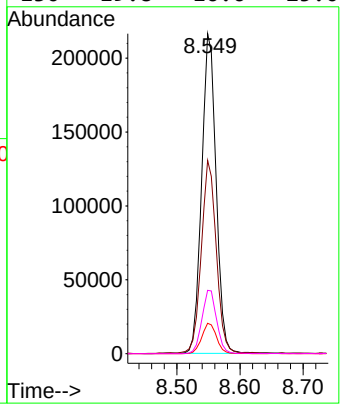


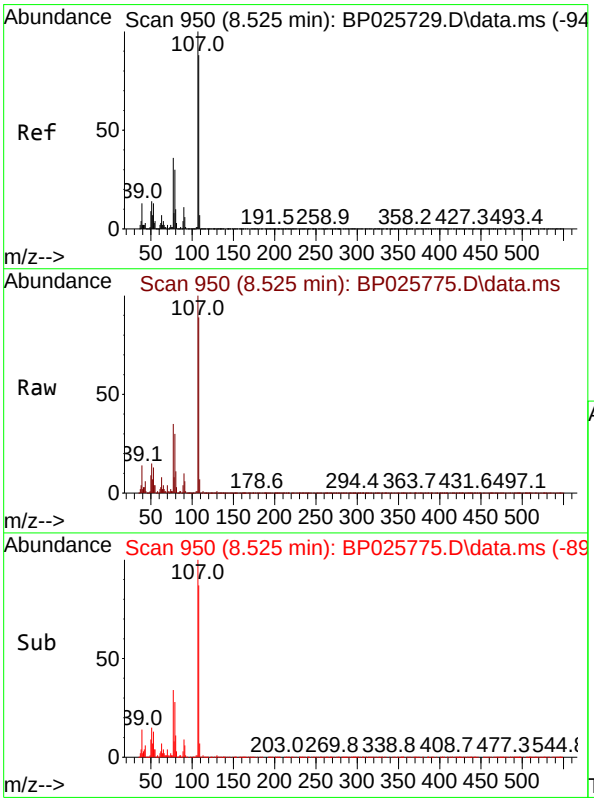
#19
n-Nitroso-di-n-propylamine
Concen: 36.369 ng
RT: 8.549 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion: 70 Resp: 344161

Ion	Ratio	Lower	Upper
70	100		
42	60.4	49.0	73.4
101	9.5	7.9	11.9
130	19.8	16.6	25.0

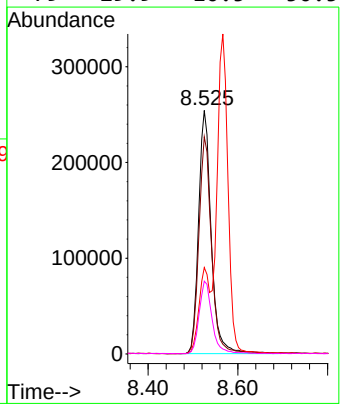


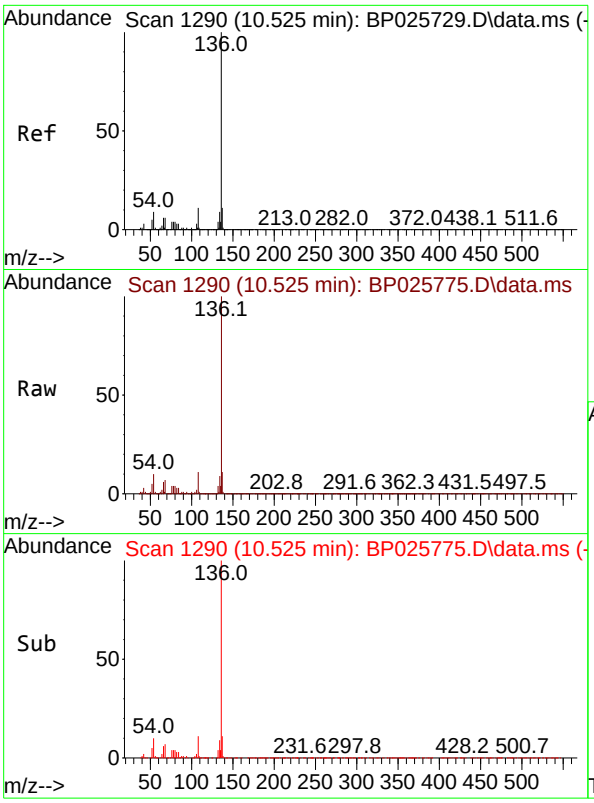


#20
3+4-Methylphenols
Concen: 36.860 ng
RT: 8.525 min Scan# 950
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:107 Resp: 497913

Ion	Ratio	Lower	Upper
107	100		
108	89.1	67.8	107.8
77	35.5	16.1	56.1
79	29.9	10.5	50.5



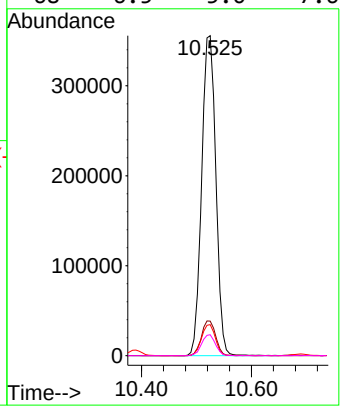


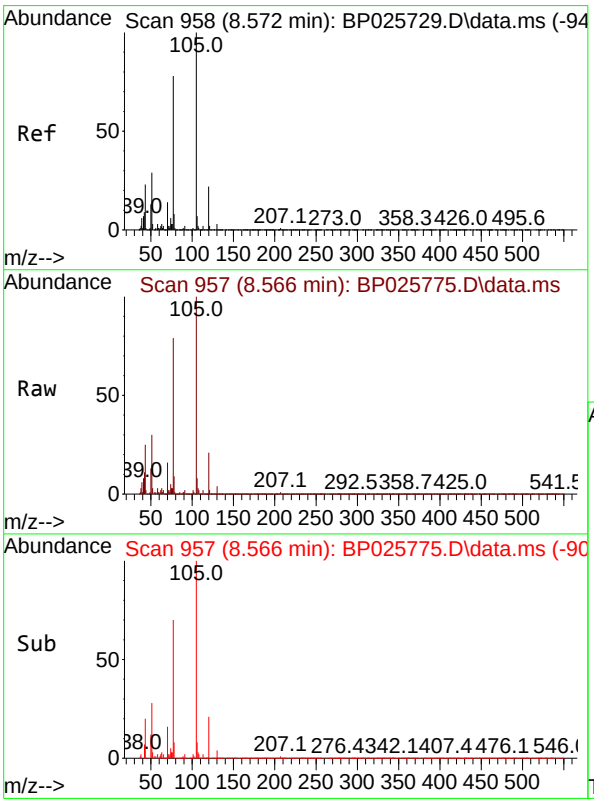
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:136 Resp: 637233

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.7	7.5	11.3
68	6.5	5.0	7.6

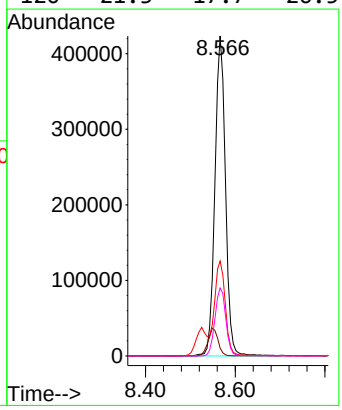


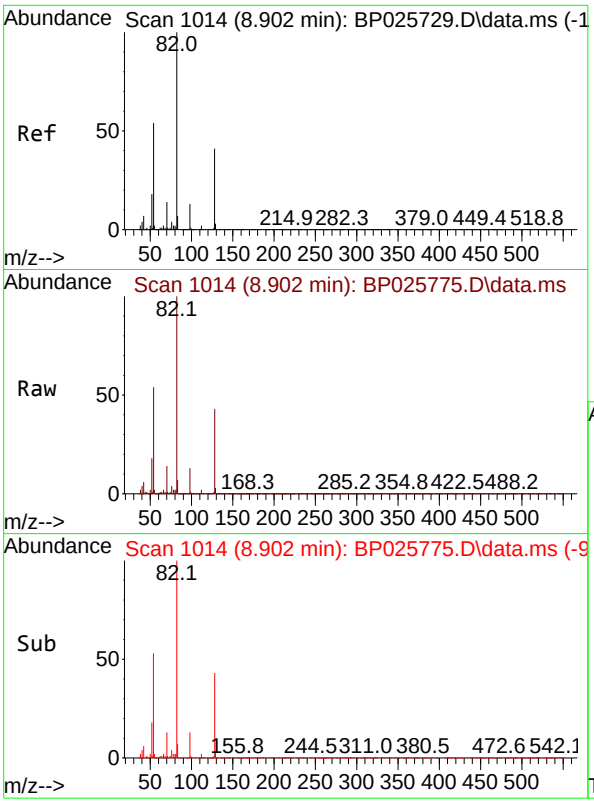


#22
Acetophenone
Concen: 40.806 ng
RT: 8.566 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:105 Resp: 694903

Ion	Ratio	Lower	Upper
105	100		
71	2.5	1.8	2.8
51	29.6	23.5	35.3
120	21.3	17.7	26.5



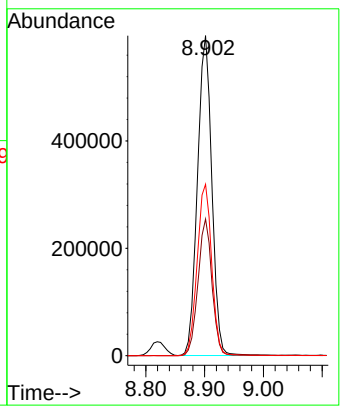


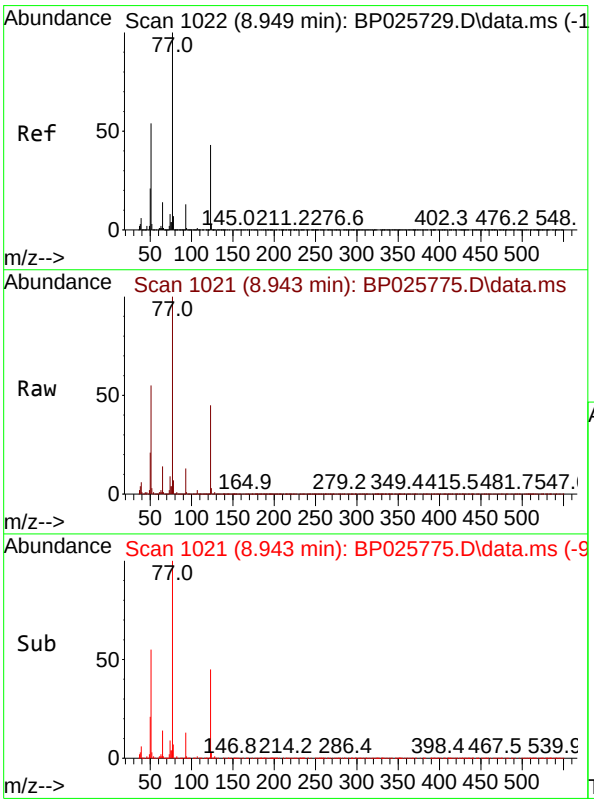
#23
Nitrobenzene-d5
Concen: 69.826 ng
RT: 8.902 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion: 82 Resp: 1008718

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.9	49.3
54	53.5	43.4	65.2

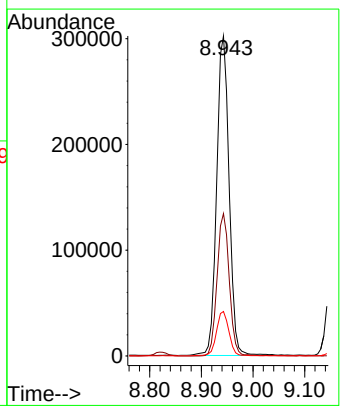


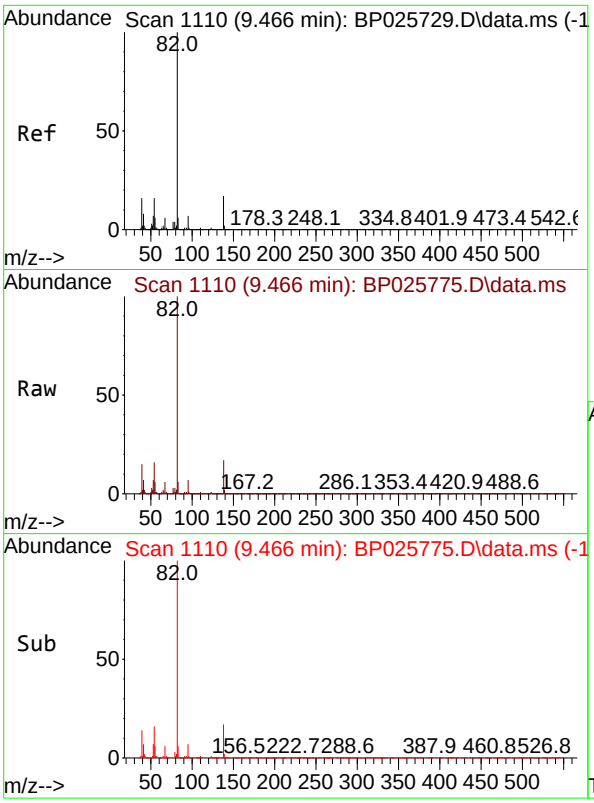


#24
Nitrobenzene
Concen: 38.862 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion: 77 Resp: 503635

Ion	Ratio	Lower	Upper
77	100		
123	44.5	34.4	51.6
65	13.9	10.8	16.2



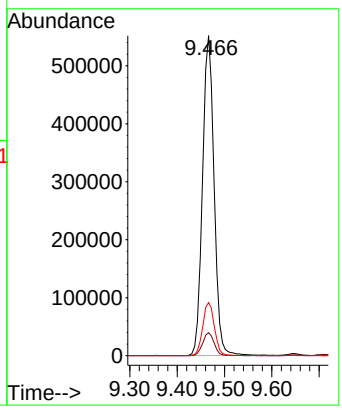


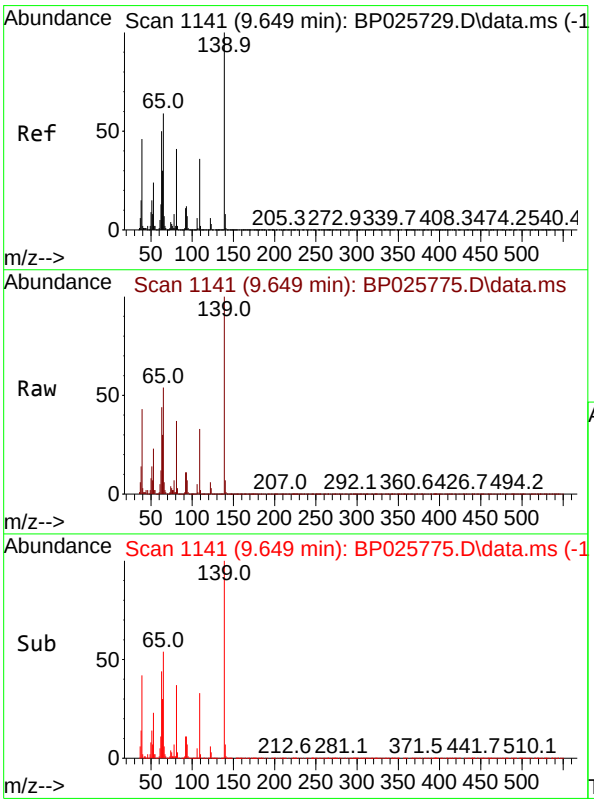
#25
Isophorone
Concen: 36.860 ng
RT: 9.466 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion: 82 Resp: 935933

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	16.6	13.5	20.3

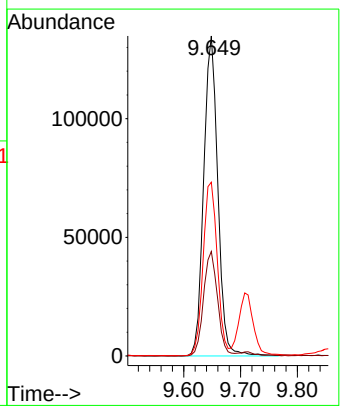


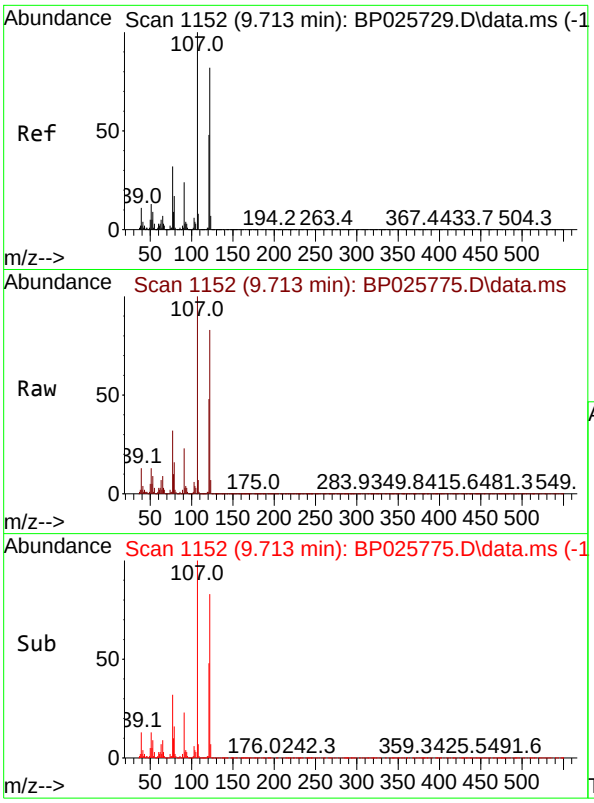


#26
2-Nitrophenol
Concen: 40.362 ng
RT: 9.649 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:139 Resp: 232236

Ion	Ratio	Lower	Upper
139	100		
109	32.7	29.0	43.4
65	54.3	46.9	70.3



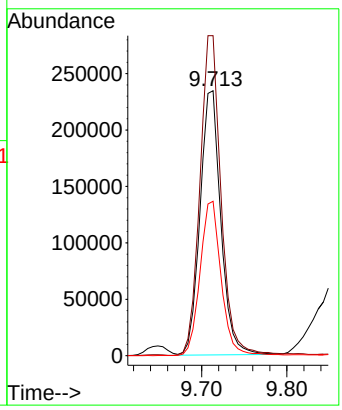


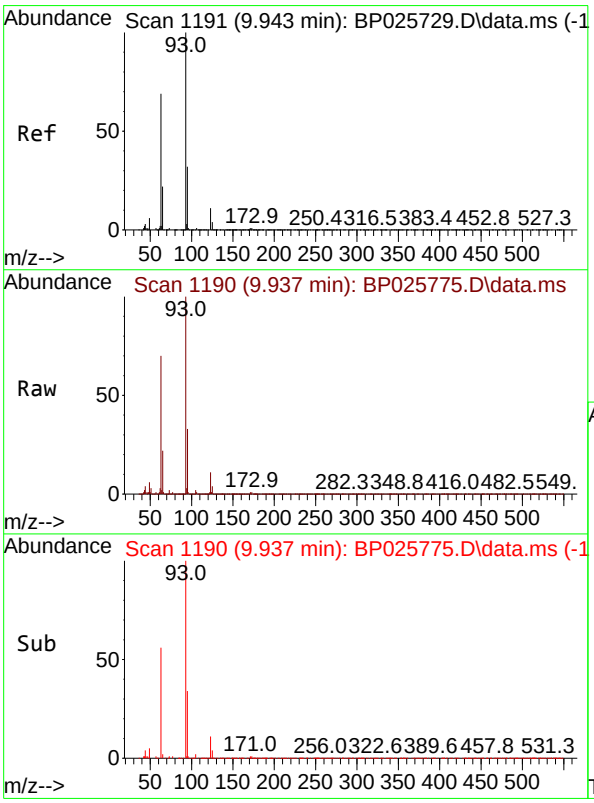
#27
2,4-Dimethylphenol
Concen: 39.343 ng
RT: 9.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:122 Resp: 397141

Ion	Ratio	Lower	Upper
122	100		
107	120.8	97.9	146.9
121	58.3	47.4	71.0

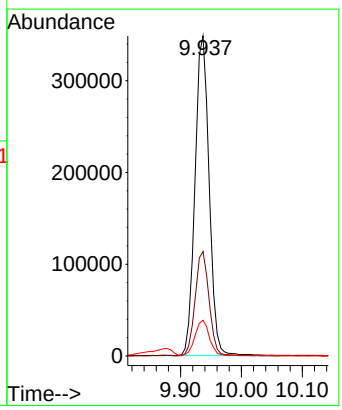


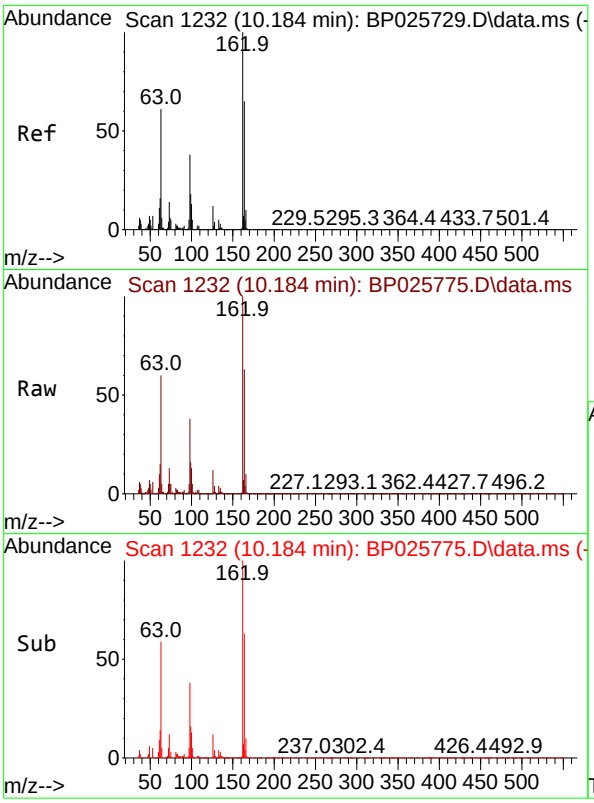


#28
bis(2-Chloroethoxy)methane
Concen: 38.287 ng
RT: 9.937 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion: 93 Resp: 561954

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.6	38.4
123	11.2	9.2	13.8



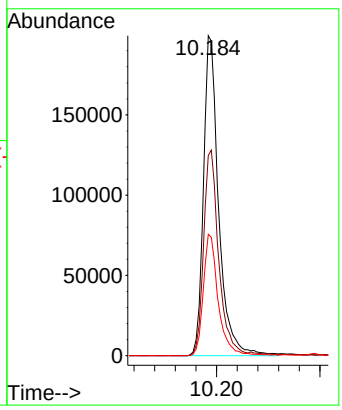


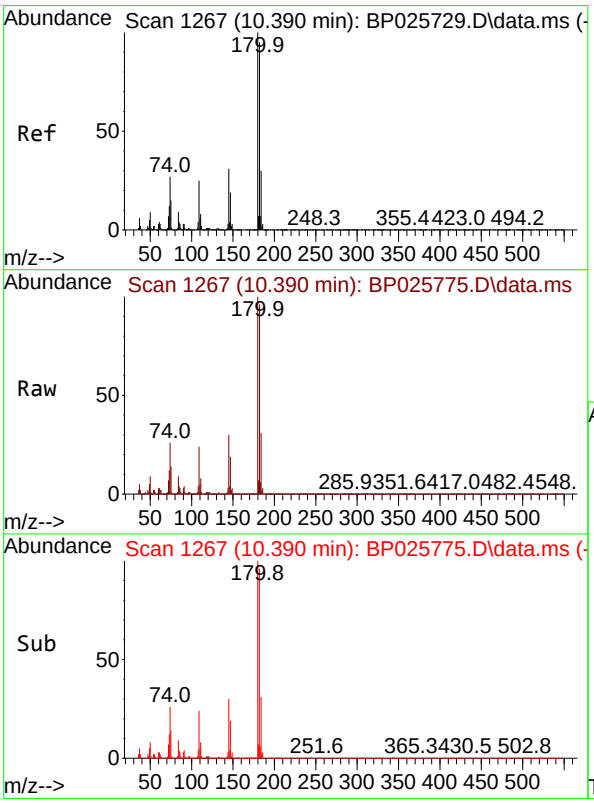
#29
2,4-Dichlorophenol
Concen: 40.397 ng
RT: 10.184 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:162 Resp: 406578

Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.7	84.7
98	38.0	18.1	58.1

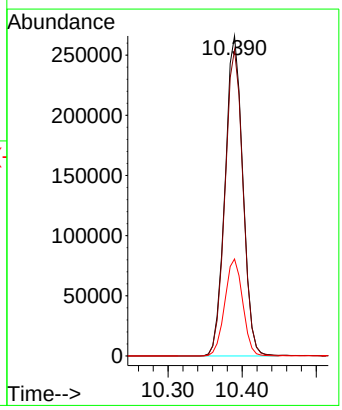


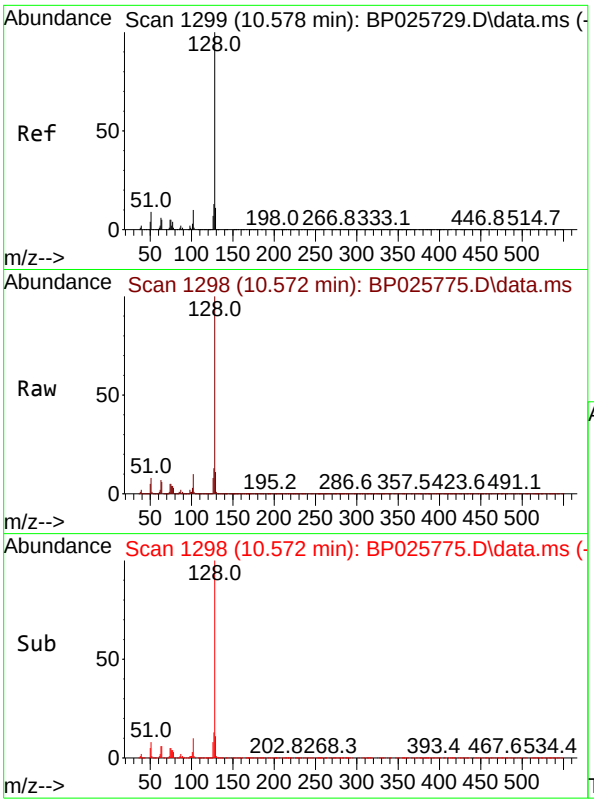


#30
1,2,4-Trichlorobenzene
Concen: 38.970 ng
RT: 10.390 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:180 Resp: 442026

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.0	114.0
145	30.3	24.7	37.1



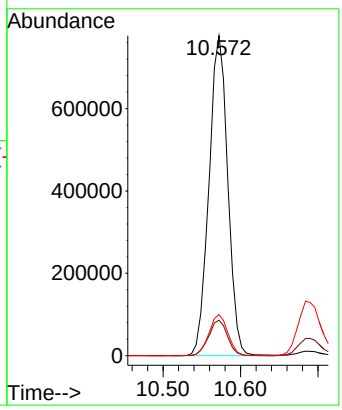


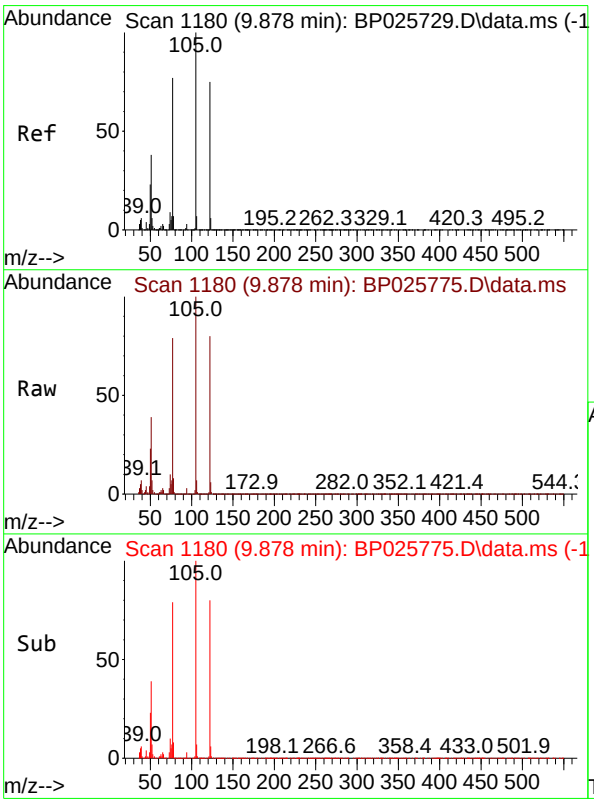
#31
Naphthalene
Concen: 38.084 ng
RT: 10.572 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:128 Resp: 1308580

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	12.8	10.2	15.4

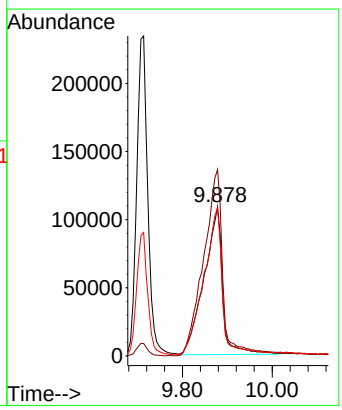


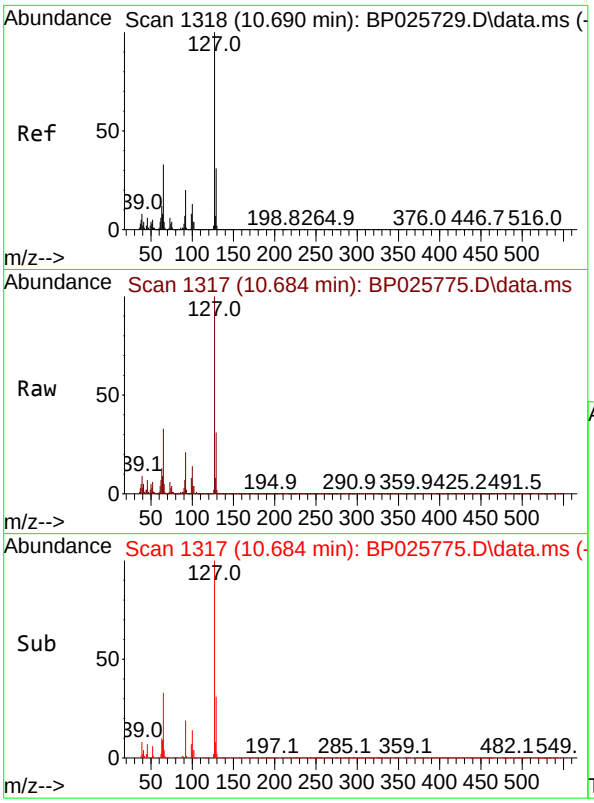


#32
Benzoic acid
Concen: 41.351 ng
RT: 9.878 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:122 Resp: 310336

Ion	Ratio	Lower	Upper
122	100		
105	124.8	111.5	151.5
77	99.0	81.8	121.8



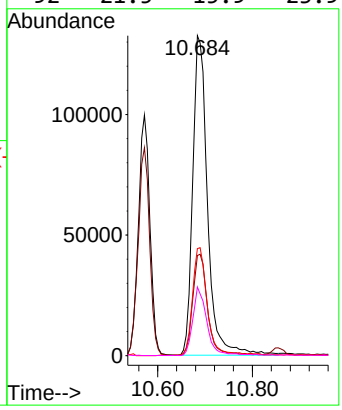


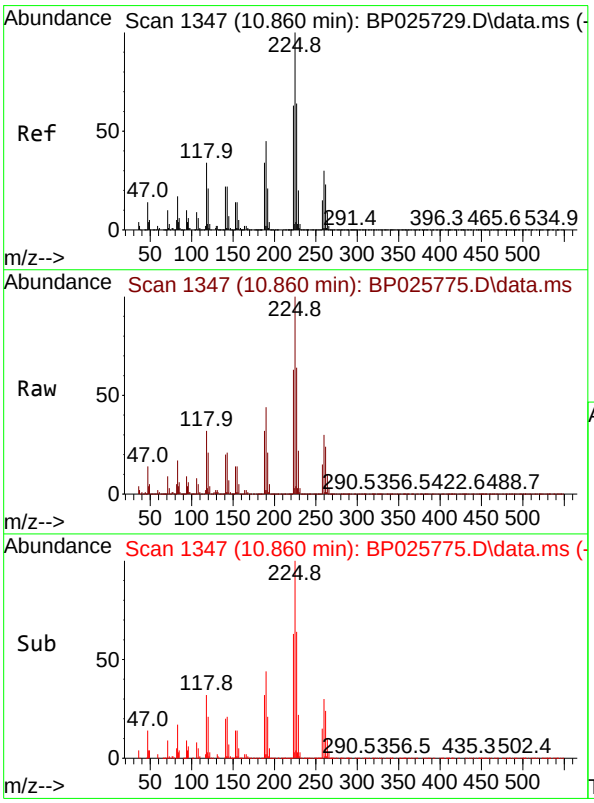
#33
4-Chloroaniline
Concen: 20.138 ng
RT: 10.684 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:127 Resp: 288398

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.1	37.7
65	33.5	26.4	39.6
92	21.5	15.9	23.9

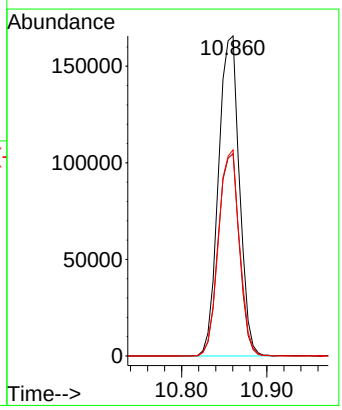


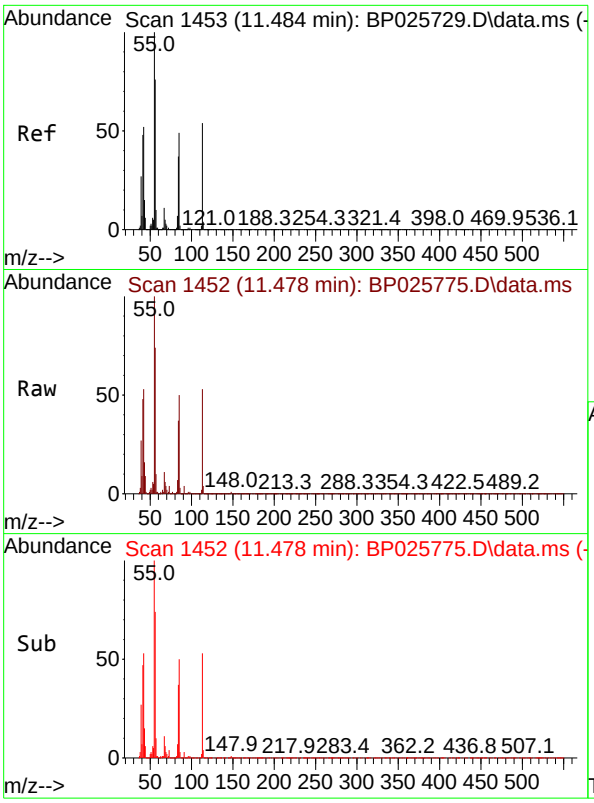


#34
Hexachlorobutadiene
Concen: 38.694 ng
RT: 10.860 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:225 Resp: 282532

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.1	75.1
227	64.4	51.2	76.8



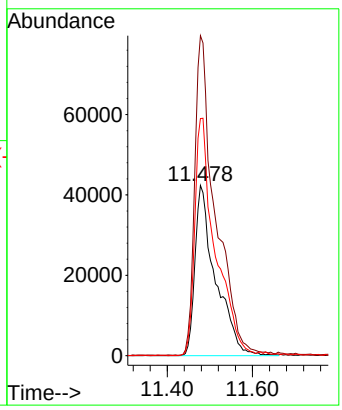


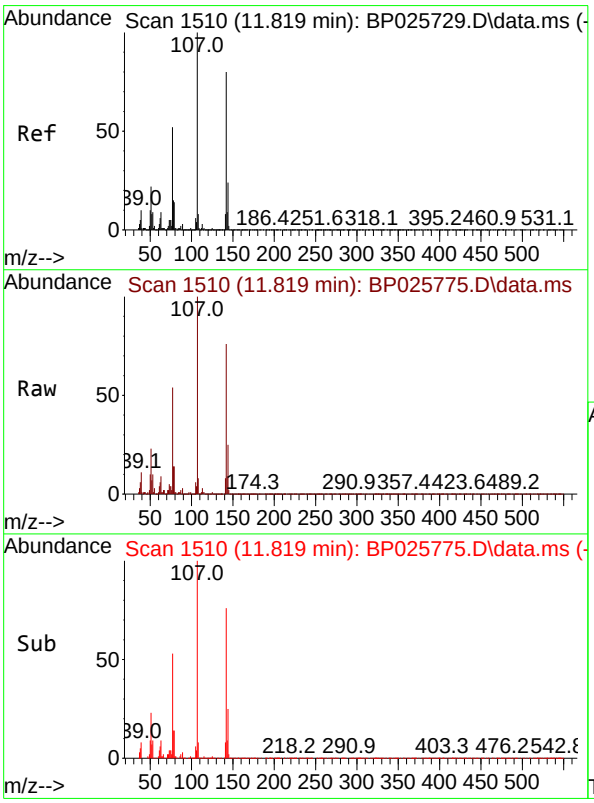
#35
Caprolactam
Concen: 36.606 ng
RT: 11.478 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:113 Resp: 142021

Ion	Ratio	Lower	Upper
113	100		
55	188.0	165.5	205.5
56	139.3	121.1	161.1

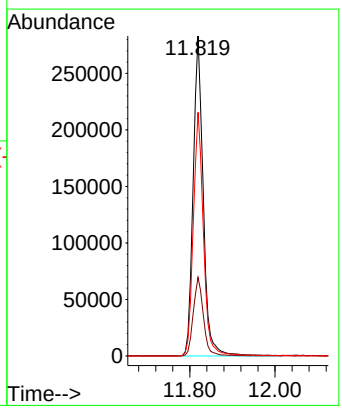


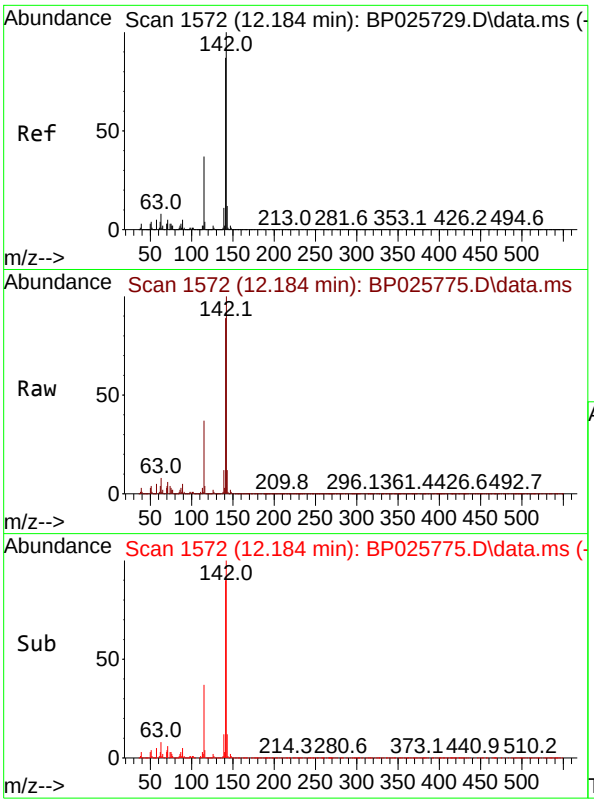


#36
4-Chloro-3-methylphenol
Concen: 38.718 ng
RT: 11.819 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:107 Resp: 464577

Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.4	29.2
142	76.1	63.8	95.6



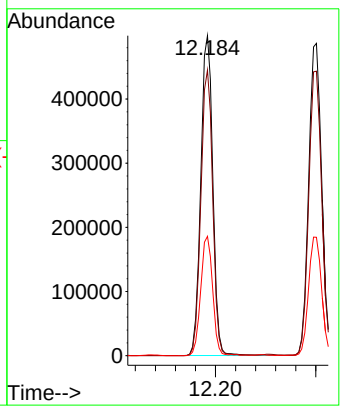


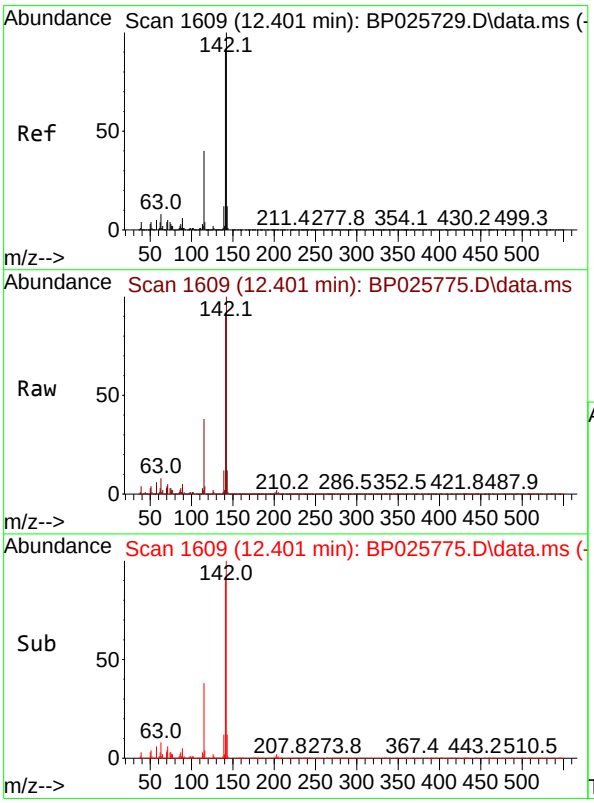
#37
2-Methylnaphthalene
Concen: 37.648 ng
RT: 12.184 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:142 Resp: 830855

Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.6	104.4
115	37.3	30.0	45.0

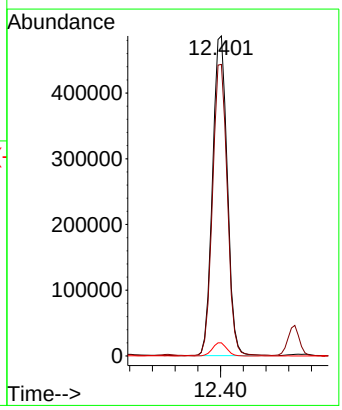


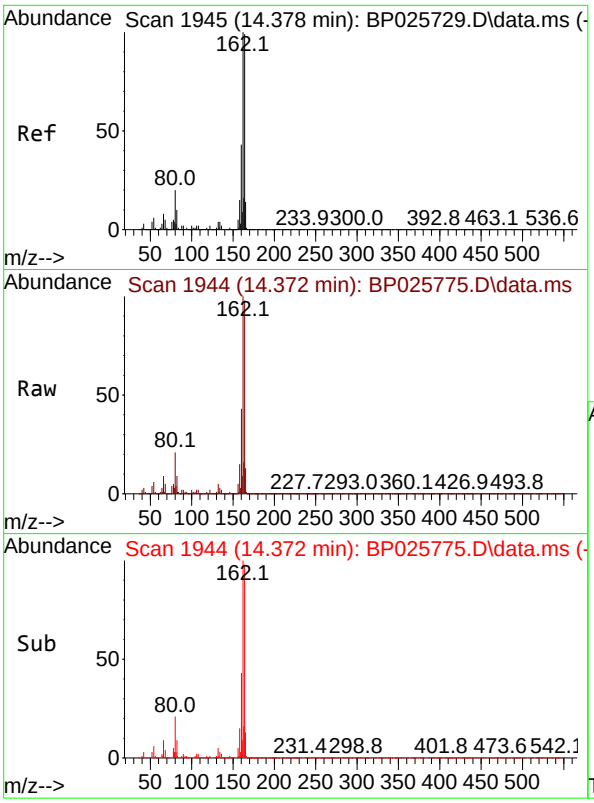


#38
1-Methylnaphthalene
Concen: 37.144 ng
RT: 12.401 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:142 Resp: 874135

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.7	109.1
116	4.1	3.5	5.3



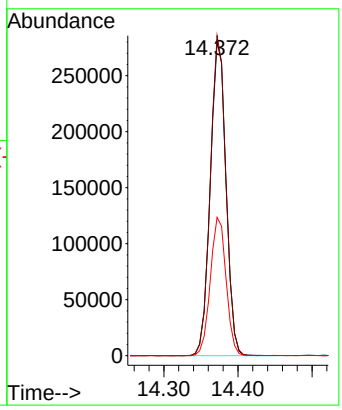


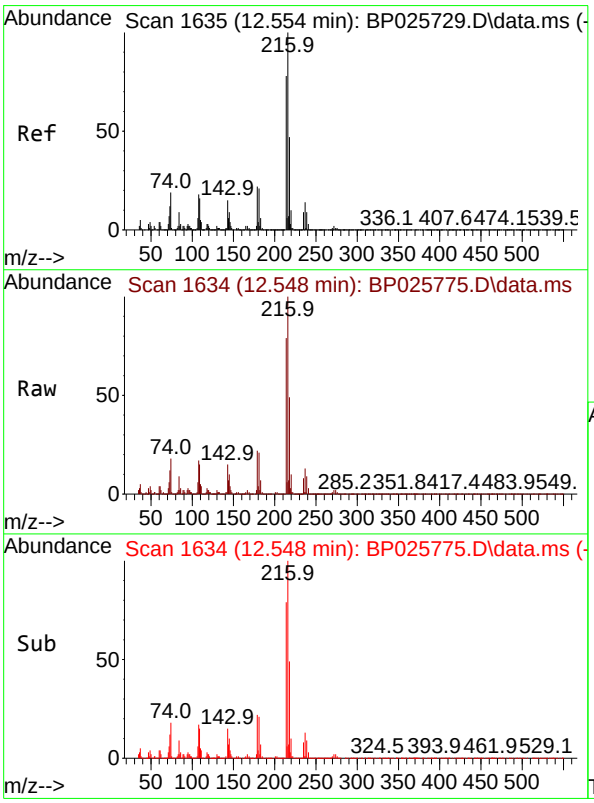
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:164 Resp: 413759

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	44.0	35.0	52.6

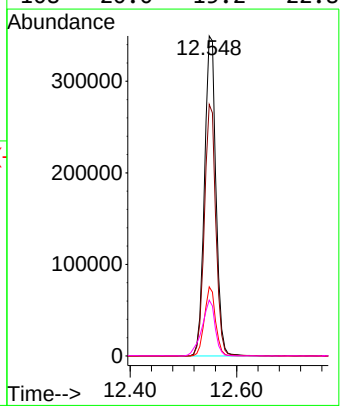


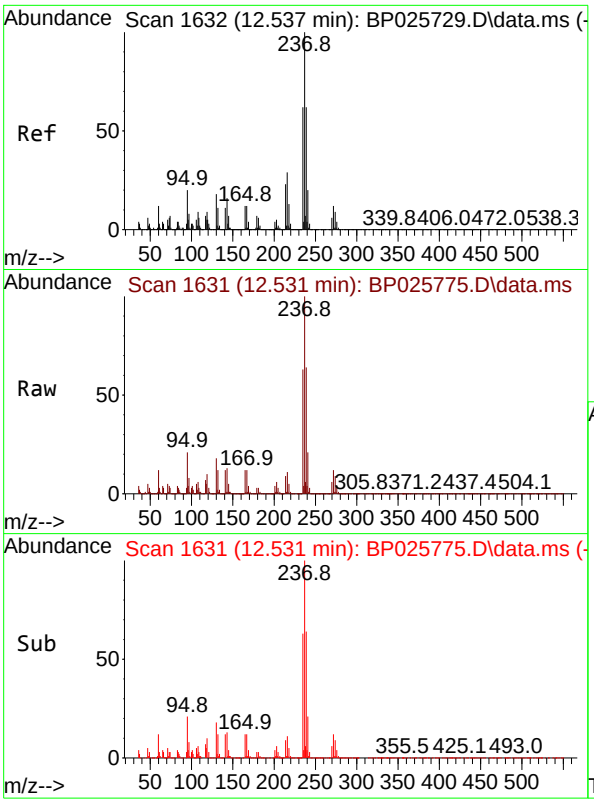


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.421 ng
RT: 12.548 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:216 Resp: 519332

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.4	93.6
179	21.1	17.0	25.6
108	20.0	15.2	22.8



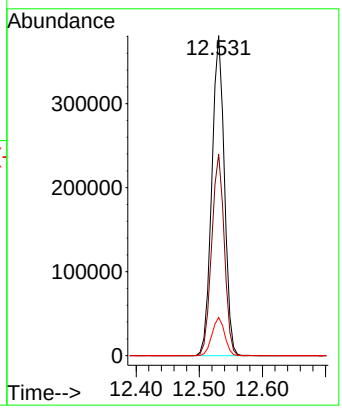


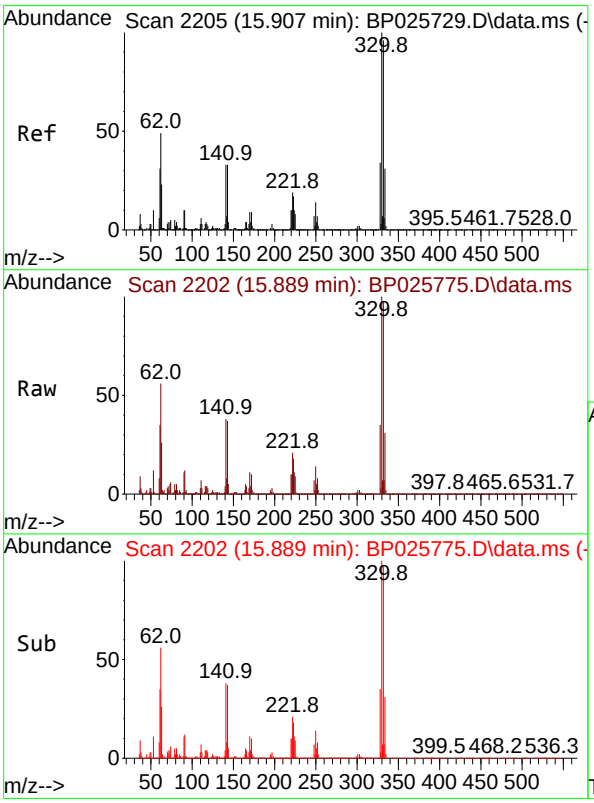
#41
Hexachlorocyclopentadiene
Concen: 76.885 ng
RT: 12.531 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:237 Resp: 525022

Ion	Ratio	Lower	Upper
237	100		
235	63.0	41.9	81.9
272	11.9	0.0	31.8

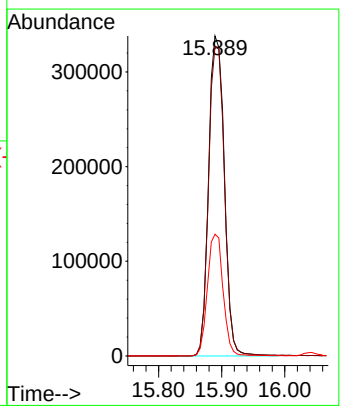


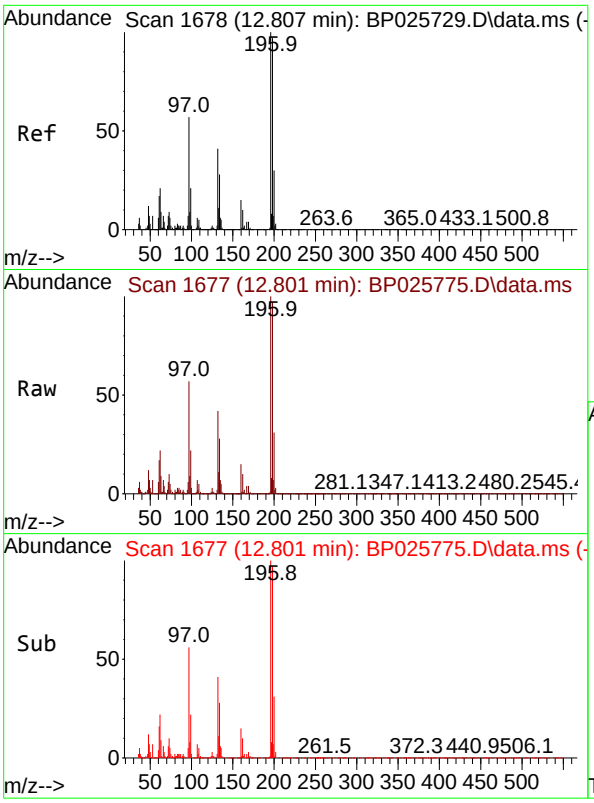


#42
2,4,6-Tribromophenol
Concen: 113.428 ng
RT: 15.889 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:330 Resp: 585379

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.9	115.3
141	37.9	31.0	46.4



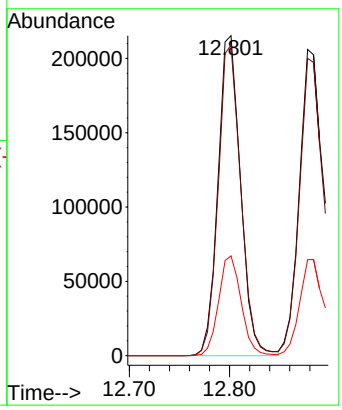


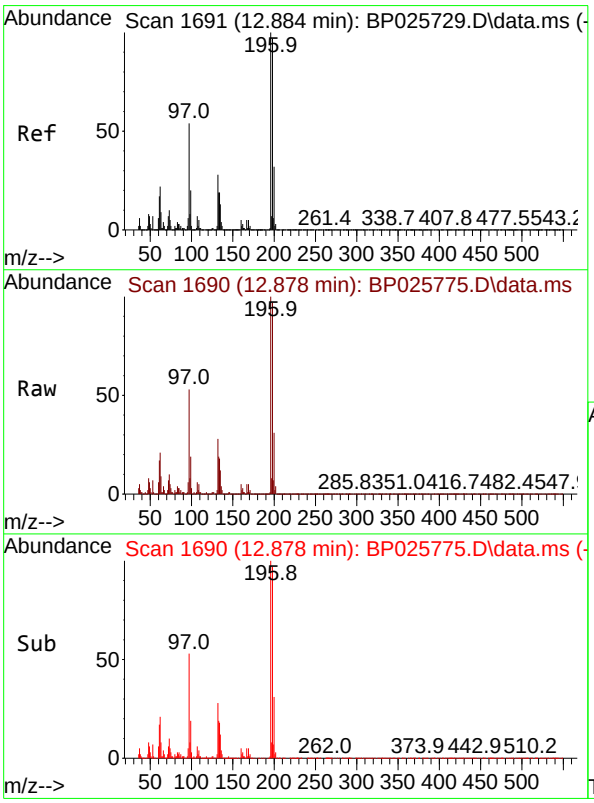
#43
2,4,6-Trichlorophenol
Concen: 40.838 ng
RT: 12.801 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:196 Resp: 336607

Ion	Ratio	Lower	Upper
196	100		
198	97.1	77.2	115.8
200	31.2	24.2	36.2

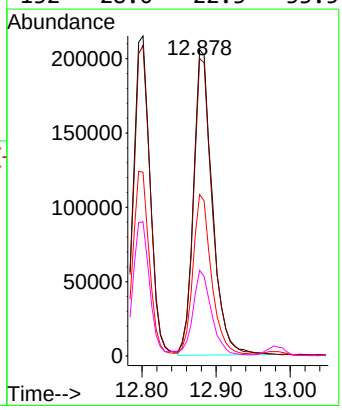


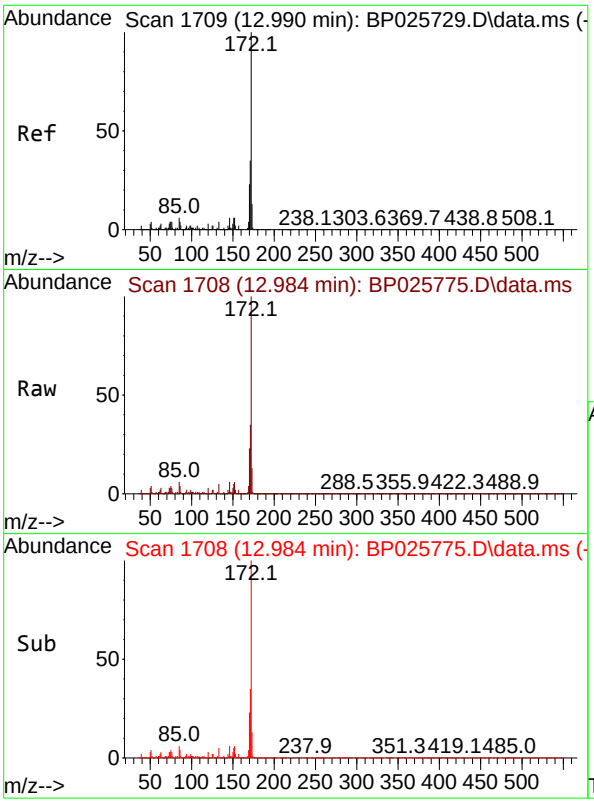


#44
2,4,5-Trichlorophenol
Concen: 39.655 ng
RT: 12.878 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:196 Resp: 363764

Ion	Ratio	Lower	Upper
196	100		
198	97.1	77.8	116.8
97	52.7	43.3	64.9
132	28.0	22.3	33.5



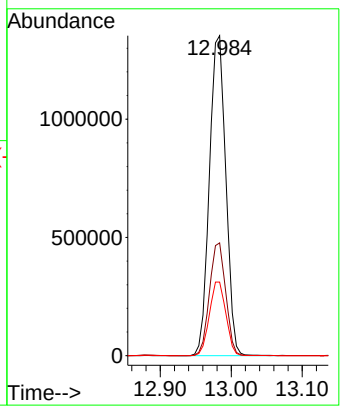


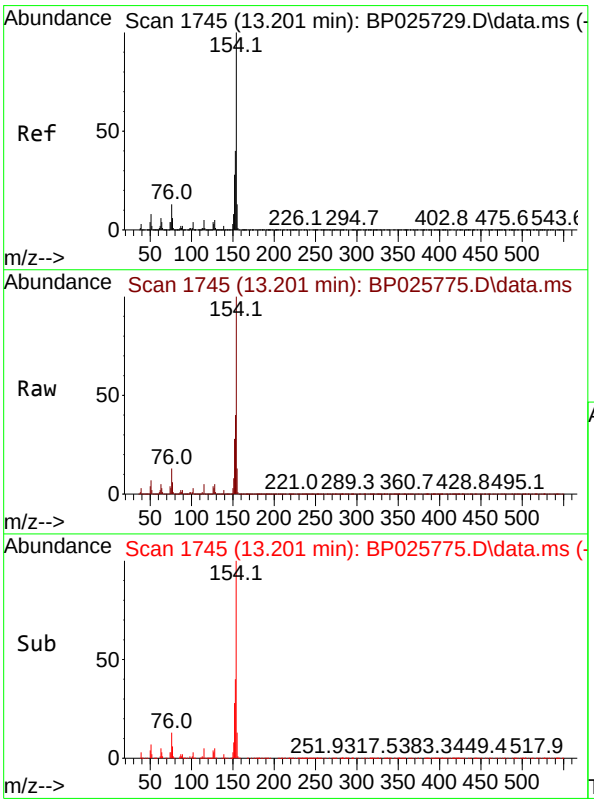
#45
2-Fluorobiphenyl
Concen: 69.926 ng
RT: 12.984 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:172 Resp: 2172930

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	23.0	18.6	27.8

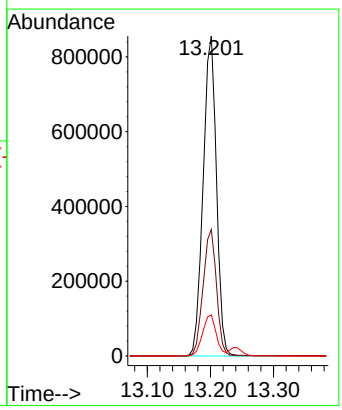


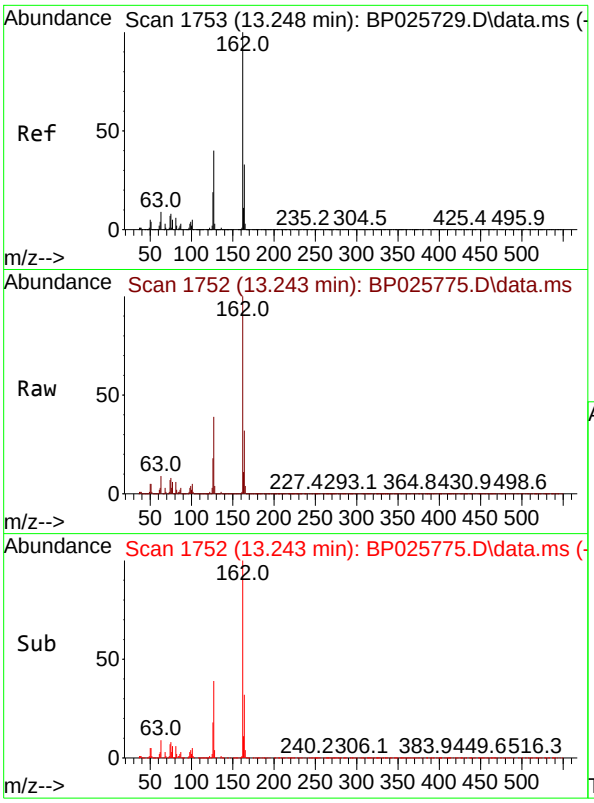


#46
1,1'-Biphenyl
Concen: 41.357 ng
RT: 13.201 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:154 Resp: 1256026

Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.7	59.7
76	12.9	0.0	33.3



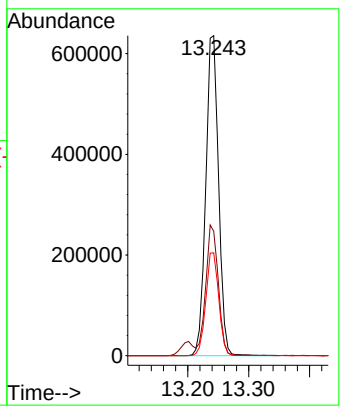


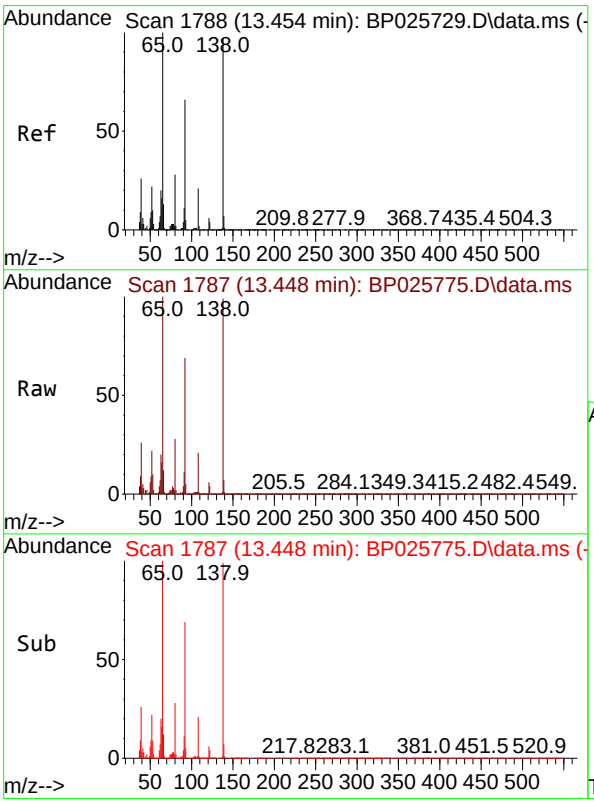
#47
2-Chloronaphthalene
Concen: 38.773 ng
RT: 13.243 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:162 Resp: 927183

Ion	Ratio	Lower	Upper
162	100		
127	38.9	32.2	48.4
164	32.2	26.5	39.7

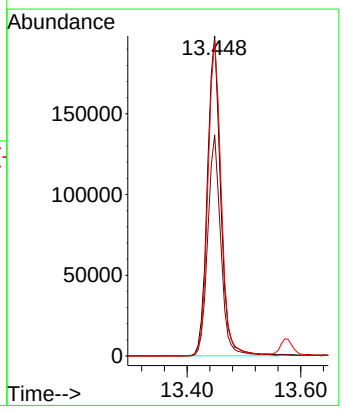


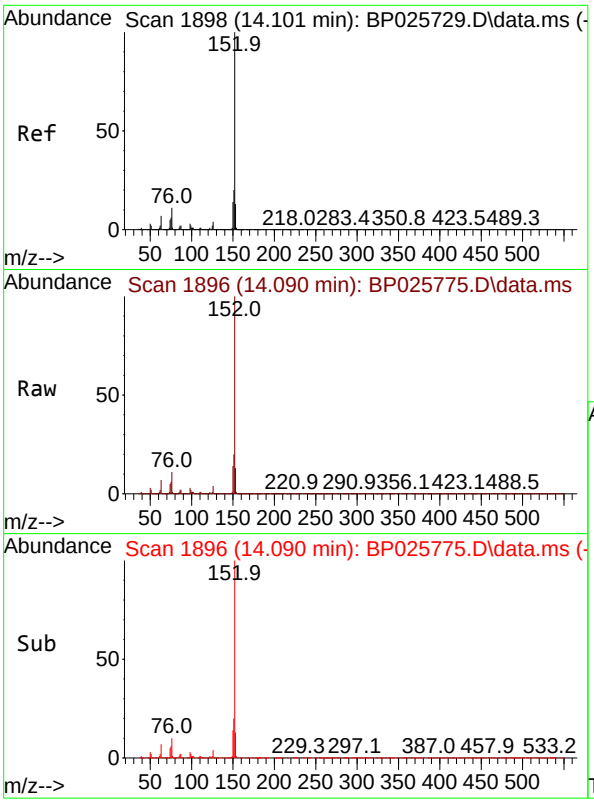


#48
2-Nitroaniline
Concen: 40.263 ng
RT: 13.448 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion: 65 Resp: 320953

Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.1	79.7
138	98.6	77.8	116.8



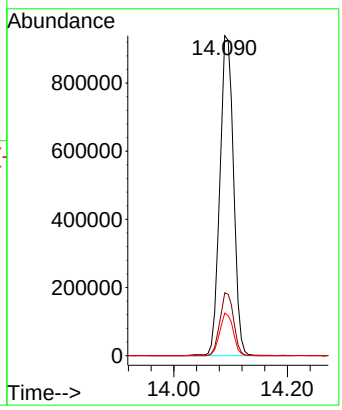


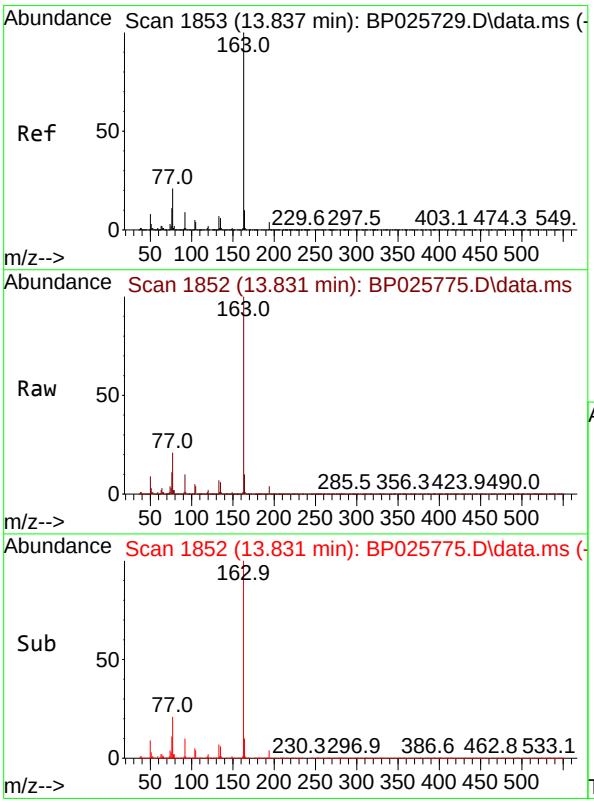
#49
Acenaphthylene
Concen: 39.708 ng
RT: 14.090 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:152 Resp: 1573291

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.3	10.5	15.7

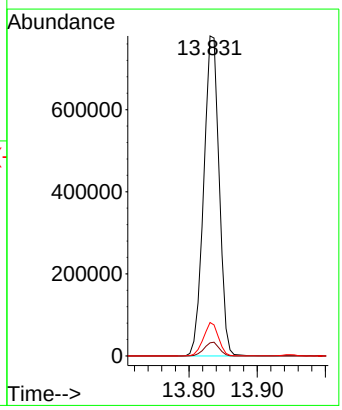


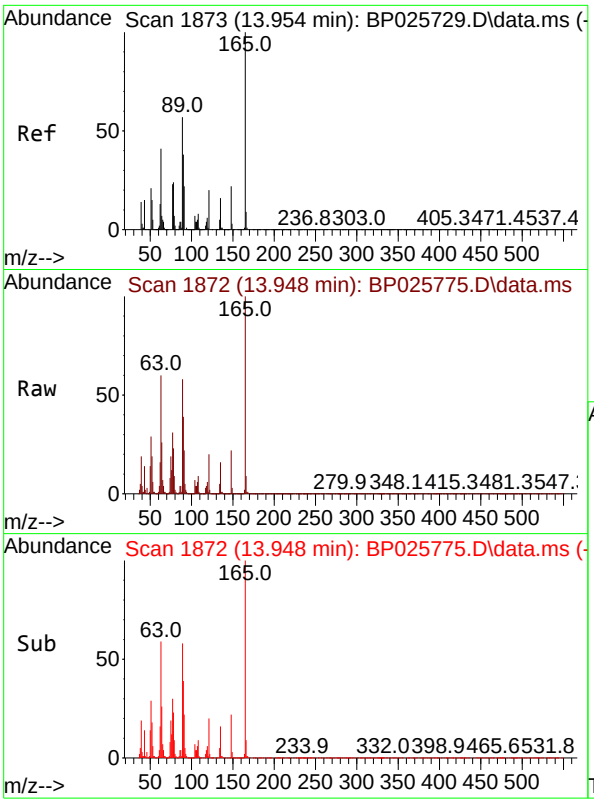


#50
Dimethylphthalate
Concen: 38.727 ng
RT: 13.831 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:163 Resp: 1223345

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.5	8.2	12.2



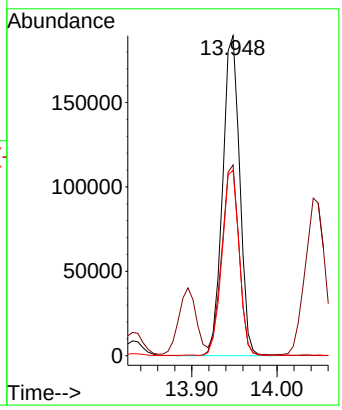


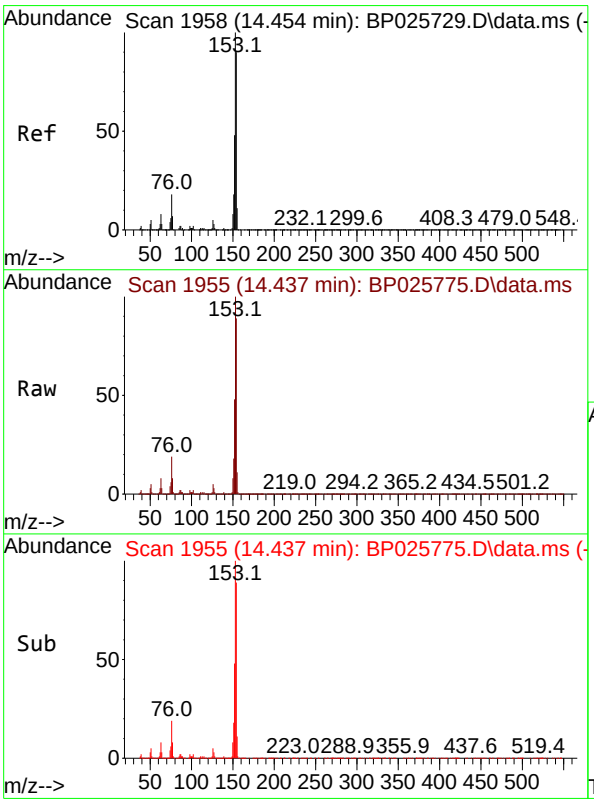
#51
2,6-Dinitrotoluene
Concen: 39.531 ng
RT: 13.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:165 Resp: 264565

Ion	Ratio	Lower	Upper
165	100		
63	59.6	48.1	72.1
89	57.9	45.4	68.0

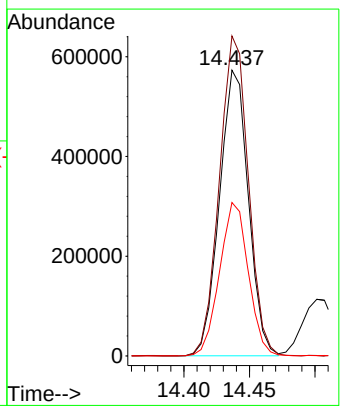


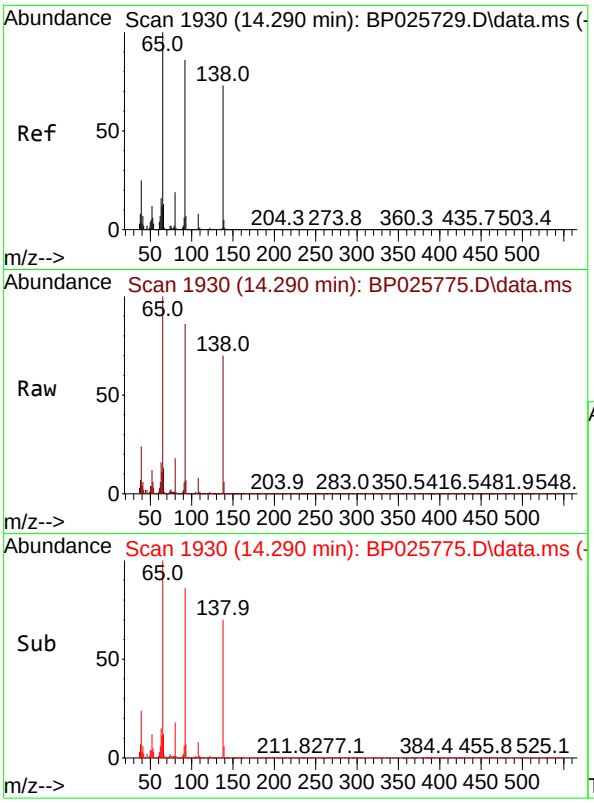


#52
Acenaphthene
Concen: 38.440 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:154 Resp: 878336

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.4	134.0
152	53.7	42.5	63.7



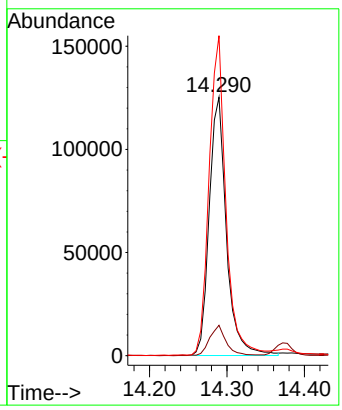


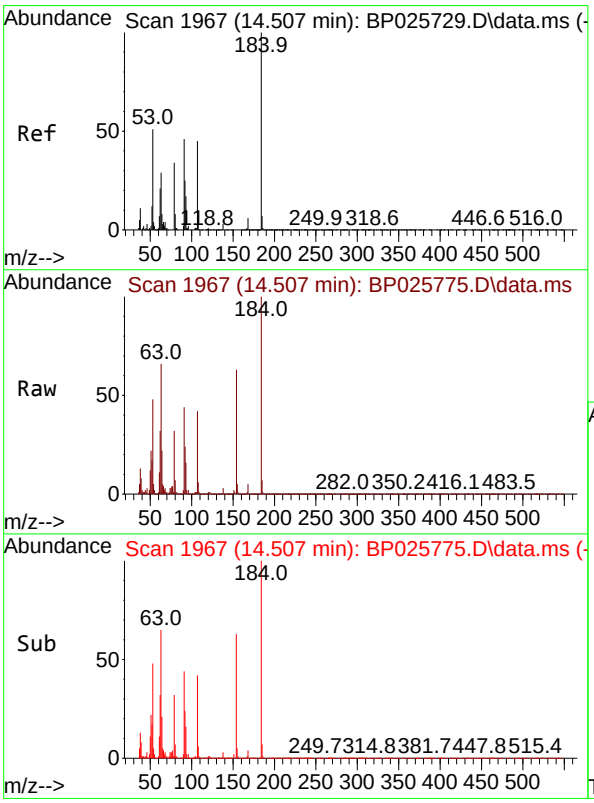
#53
3-Nitroaniline
Concen: 27.490 ng
RT: 14.290 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:138 Resp: 193474

Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.7	13.1
92	123.9	94.6	142.0

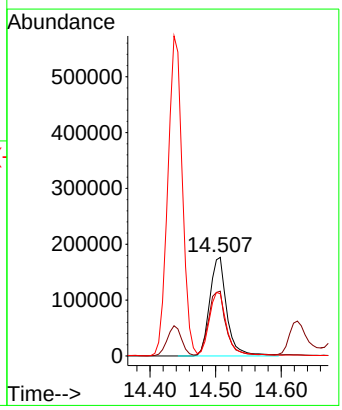


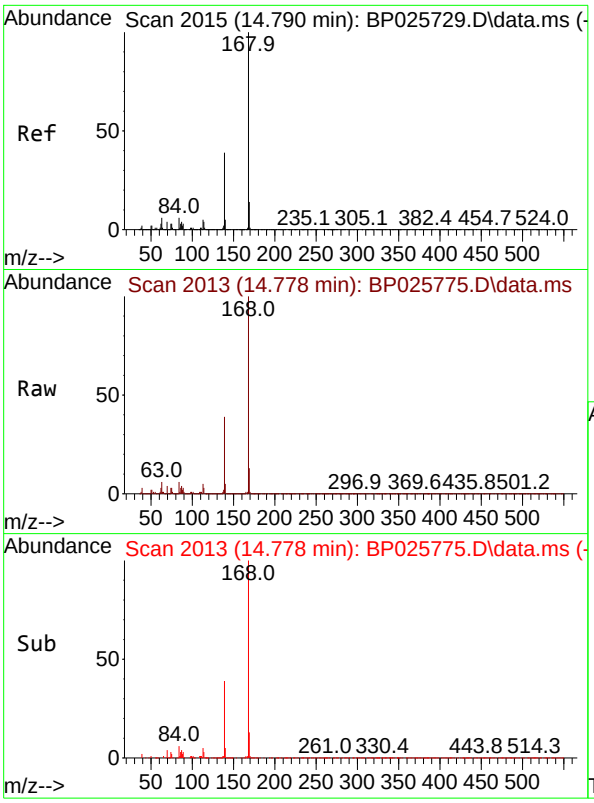


#54
2,4-Dinitrophenol
Concen: 73.787 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:184 Resp: 319344

Ion	Ratio	Lower	Upper
184	100		
63	65.7	52.5	78.7
154	63.2	51.5	77.3



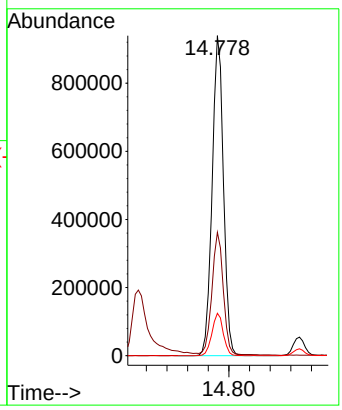


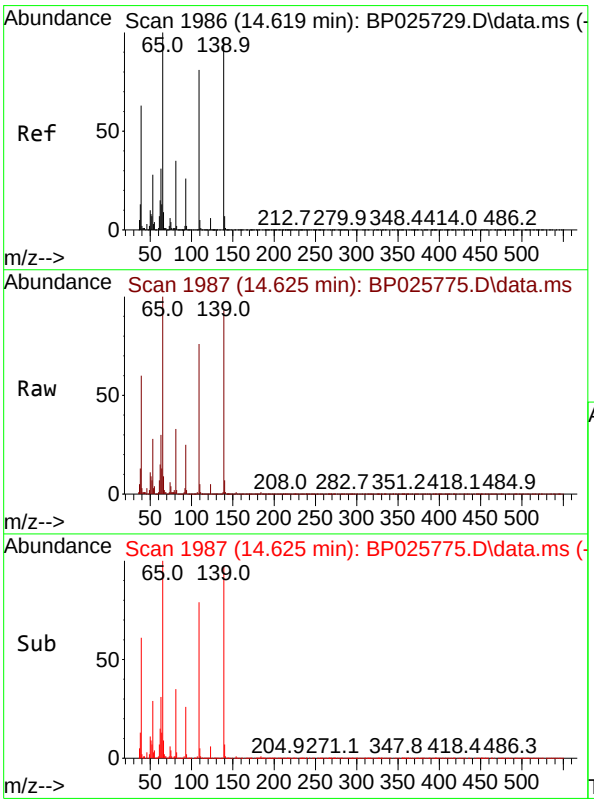
#55
Dibenzofuran
Concen: 38.282 ng
RT: 14.778 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:168 Resp: 1425642

Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.7	47.5
169	13.3	10.8	16.2

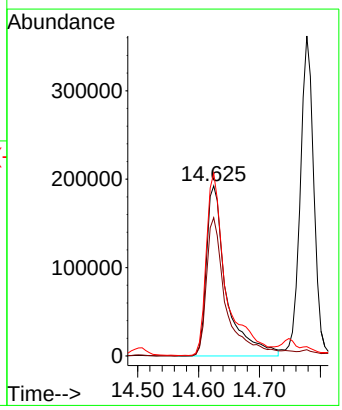


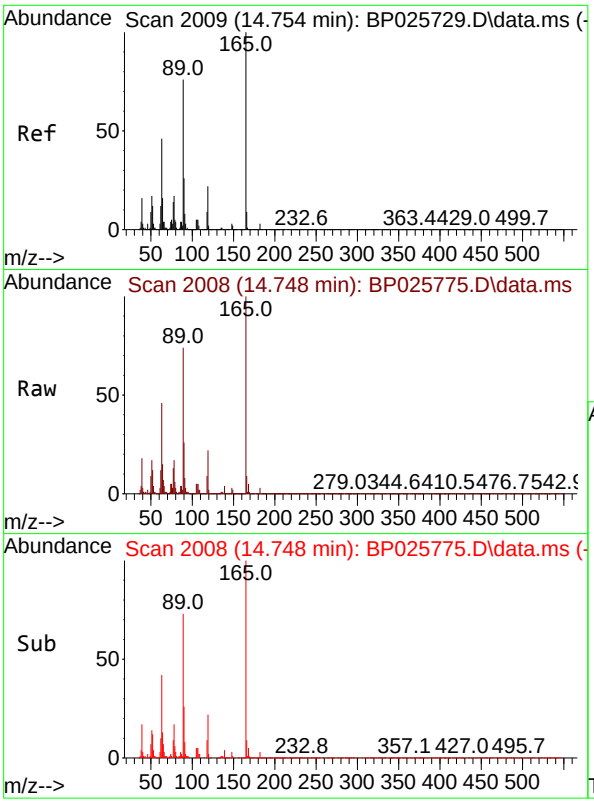


#56
4-Nitrophenol
Concen: 72.692 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:139 Resp: 437941

Ion	Ratio	Lower	Upper
139	100		
109	81.2	62.9	102.9
65	107.4	83.4	123.4



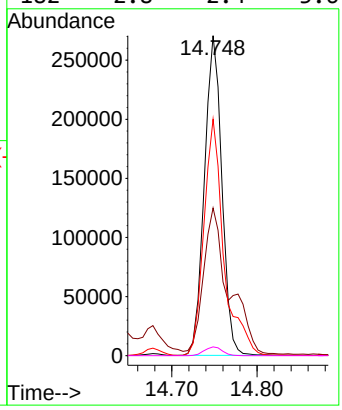


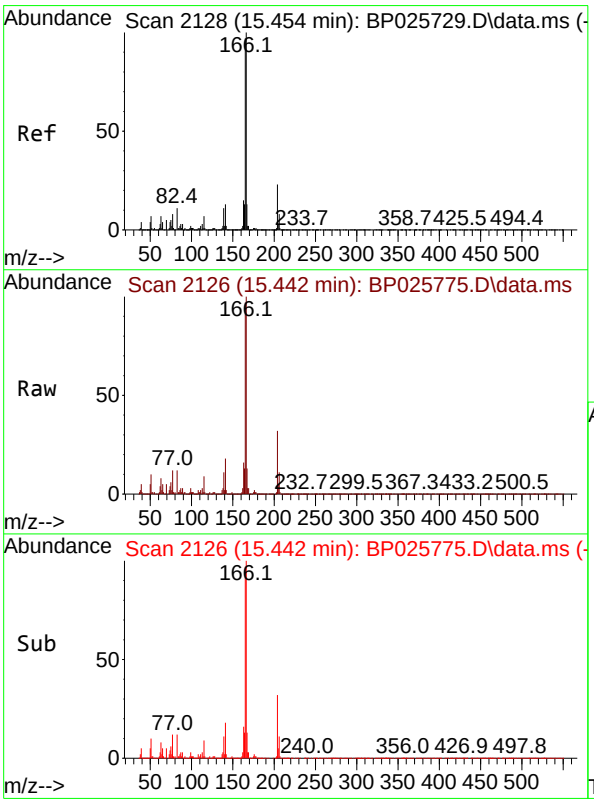
#57
2,4-Dinitrotoluene
Concen: 40.497 ng
RT: 14.748 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:165 Resp: 385720

Ion	Ratio	Lower	Upper
165	100		
63	46.2	37.7	56.5
89	73.9	61.0	91.6
182	2.8	2.4	3.6

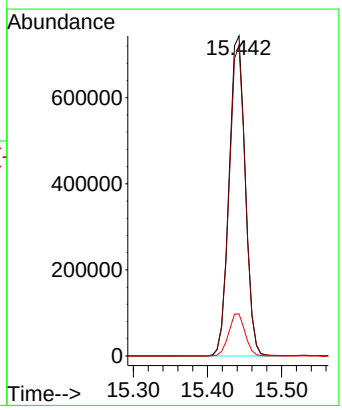


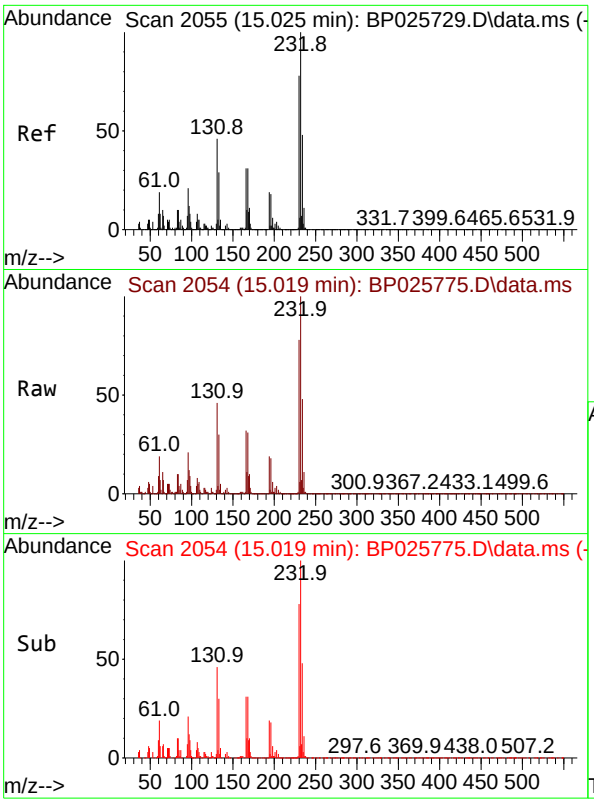


#58
Fluorene
Concen: 38.062 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:166 Resp: 1127137

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.7	116.5
167	13.2	10.6	16.0



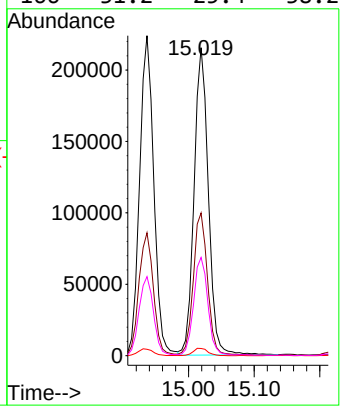


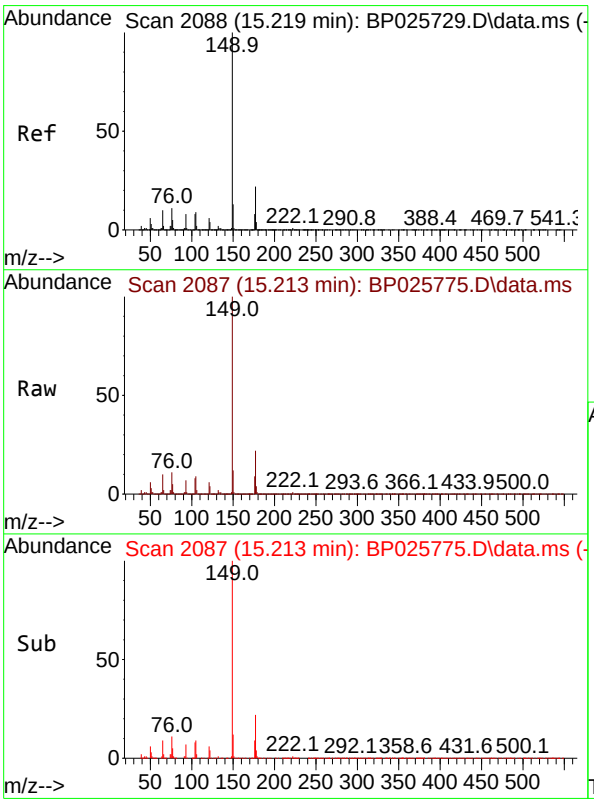
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.563 ng
RT: 15.019 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:232 Resp: 326930

Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.7	55.1
130	2.5	2.0	3.0
166	31.2	25.4	38.2

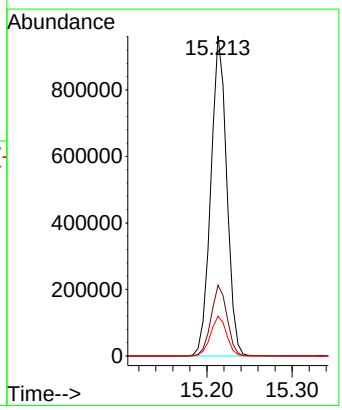


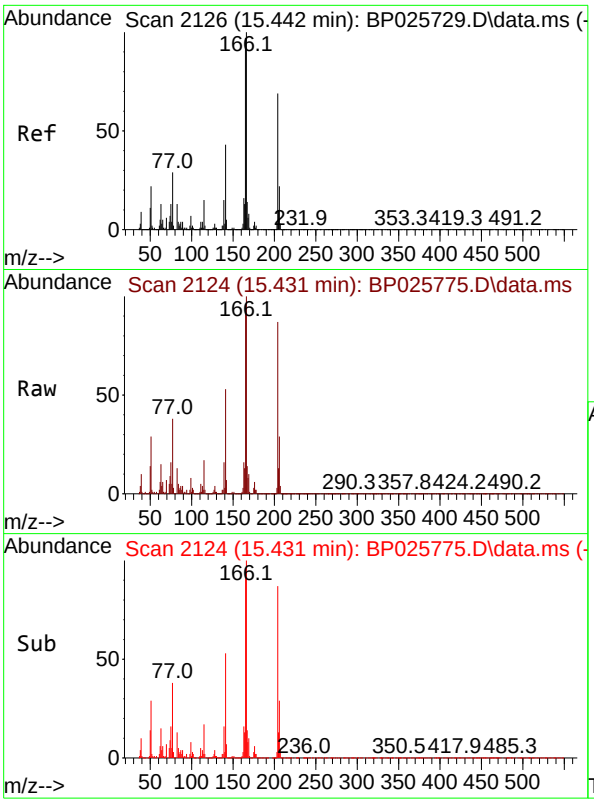


#60
Diethylphthalate
Concen: 38.880 ng
RT: 15.213 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:149 Resp: 1245832

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.7	26.5
150	12.4	10.0	15.0



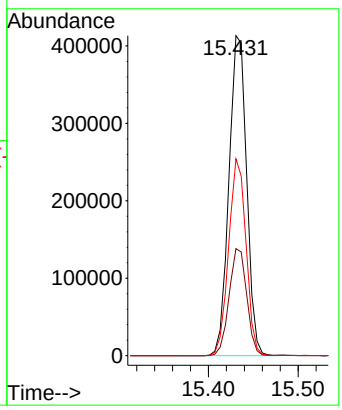


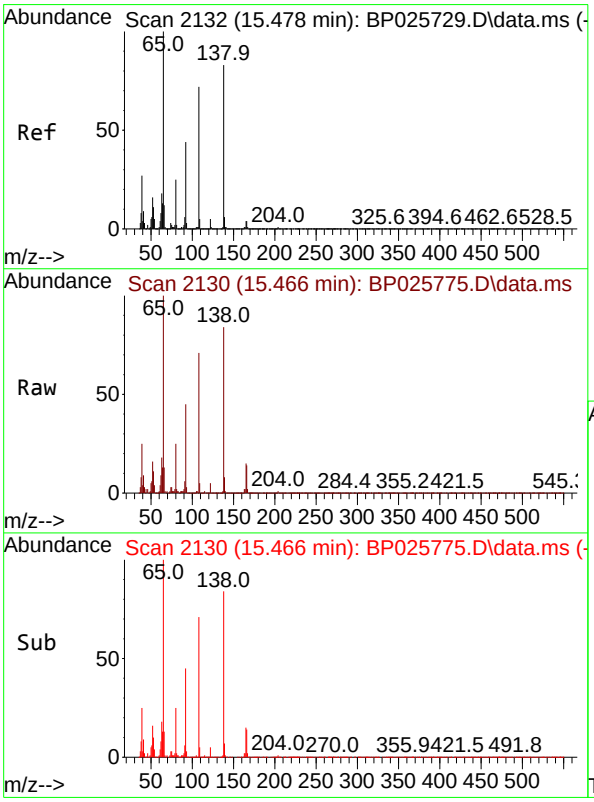
#61
4-Chlorophenyl-phenylether
Concen: 37.932 ng
RT: 15.431 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:204 Resp: 566110

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.0	39.0
141	61.5	49.7	74.5

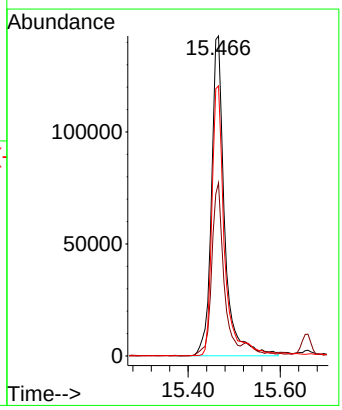


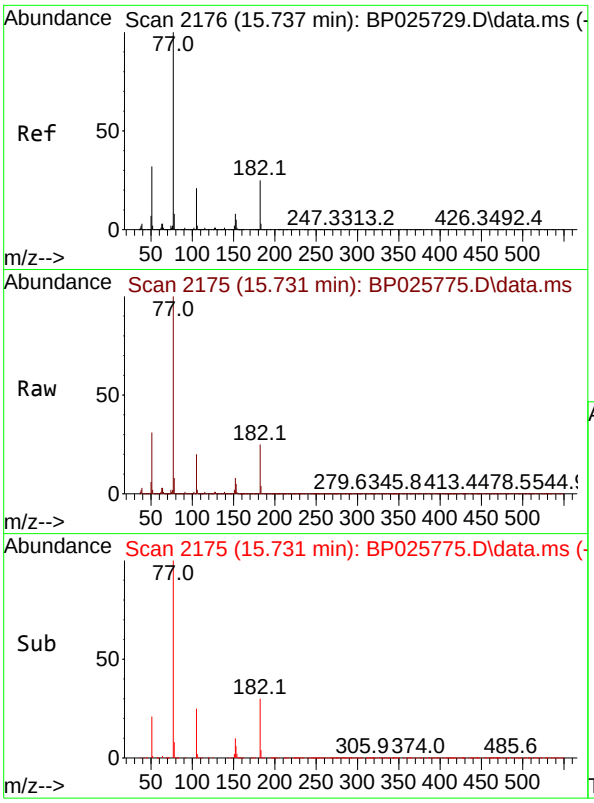


#62
4-Nitroaniline
Concen: 39.340 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:138 Resp: 283646

Ion	Ratio	Lower	Upper
138	100		
92	54.1	33.3	73.3
108	84.4	66.7	106.7



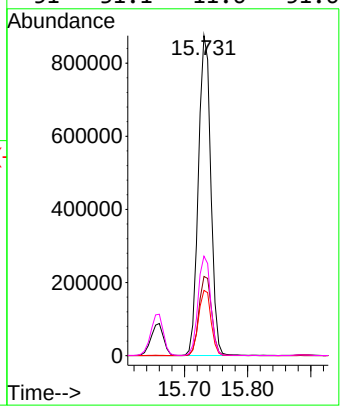


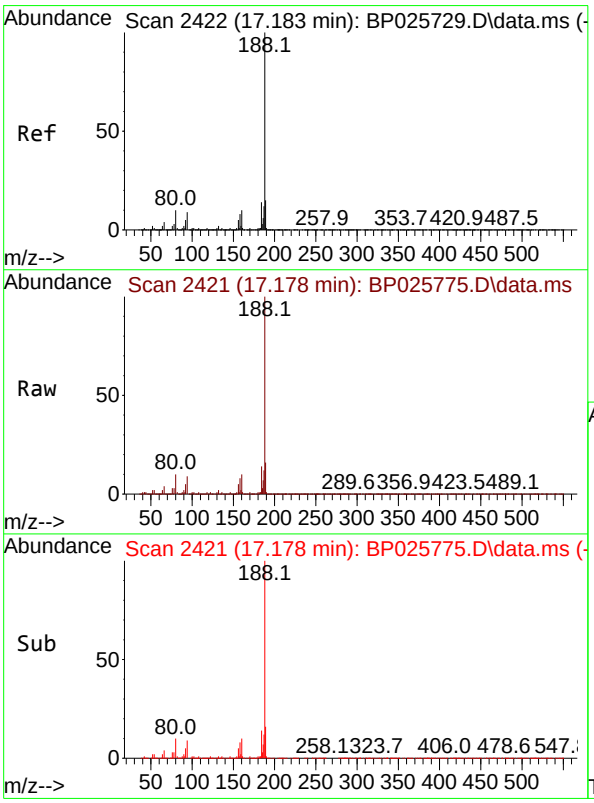
#63
Azobenzene
Concen: 38.409 ng
RT: 15.731 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion: 77 Resp: 1190017

Ion	Ratio	Lower	Upper
77	100		
182	24.7	5.2	45.2
105	20.4	1.1	41.1
51	31.1	11.6	51.6

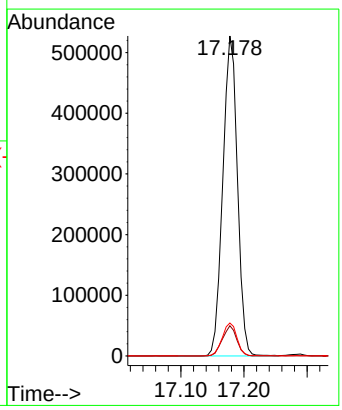


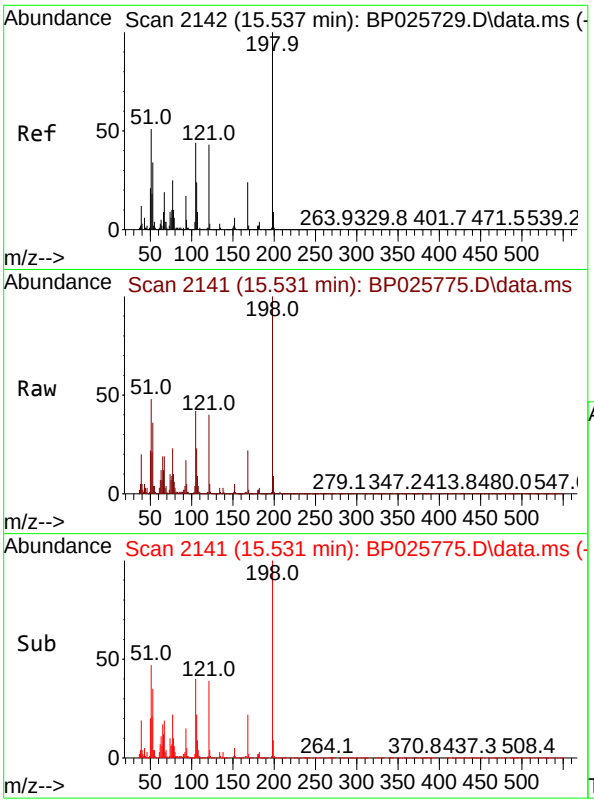


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:188 Resp: 845328

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.4	11.0
80	10.3	7.7	11.5



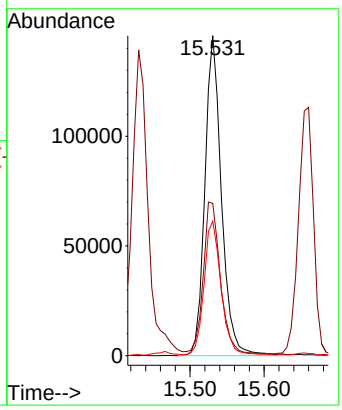


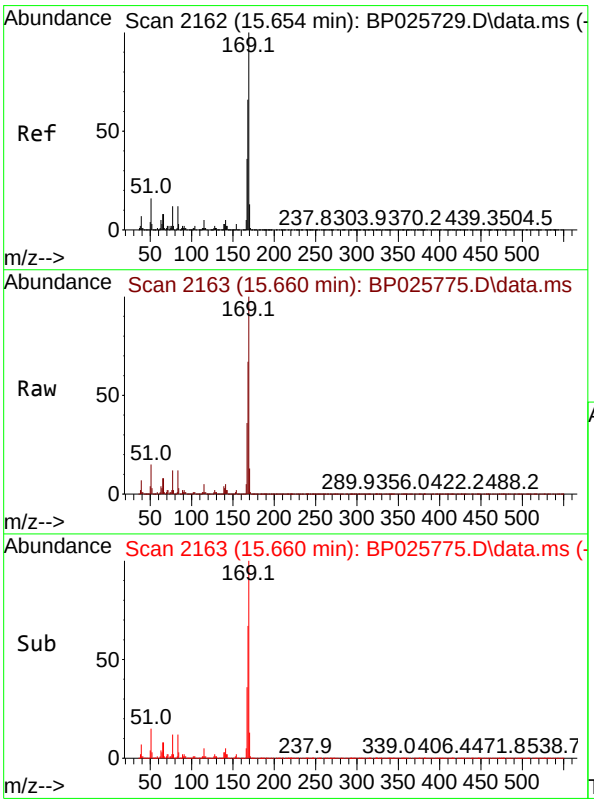
#65
4,6-Dinitro-2-methylphenol
Concen: 40.379 ng
RT: 15.531 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:198 Resp: 227000

Ion	Ratio	Lower	Upper
198	100		
51	47.6	33.4	73.4
105	42.0	24.3	64.3

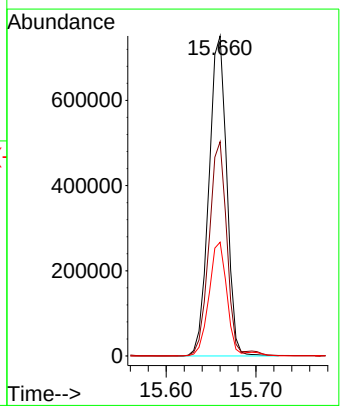


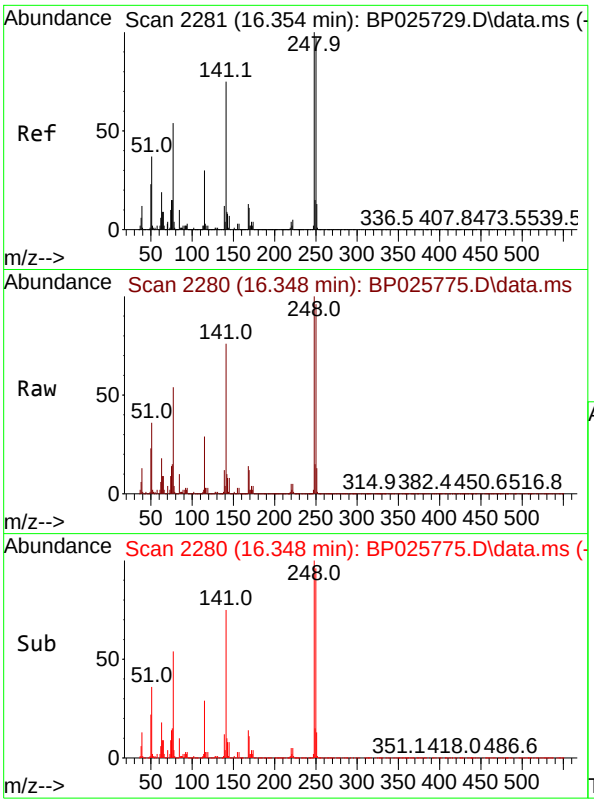


#66
n-Nitrosodiphenylamine
Concen: 40.011 ng
RT: 15.660 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:169 Resp: 1035040

Ion	Ratio	Lower	Upper
169	100		
168	66.9	52.6	78.8
167	35.6	28.5	42.7



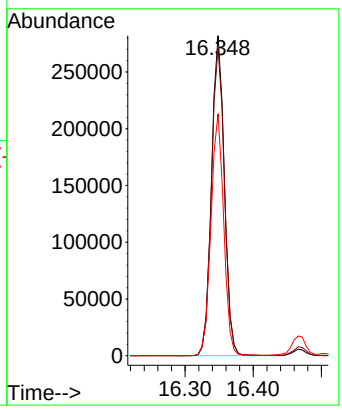


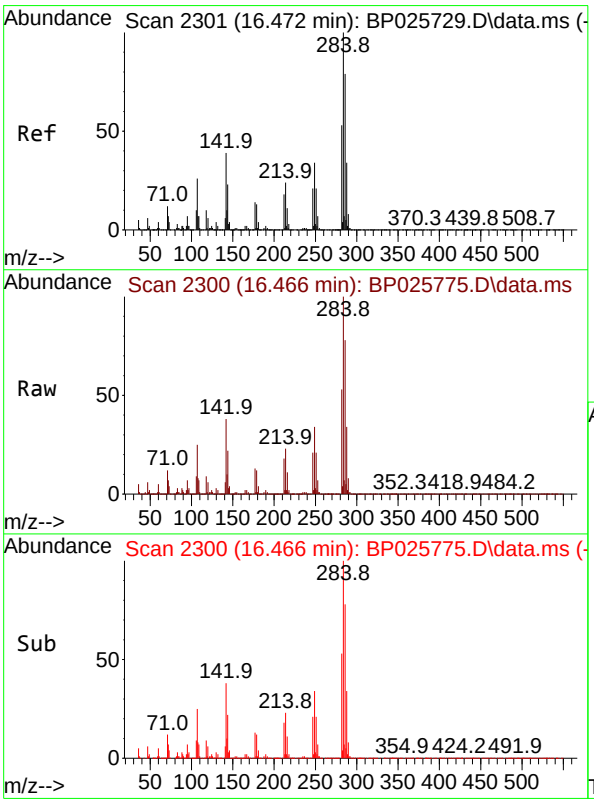
#67
4-Bromophenyl-phenylether
Concen: 39.890 ng
RT: 16.348 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:248 Resp: 370443

Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.5	116.3
141	75.6	60.2	90.4

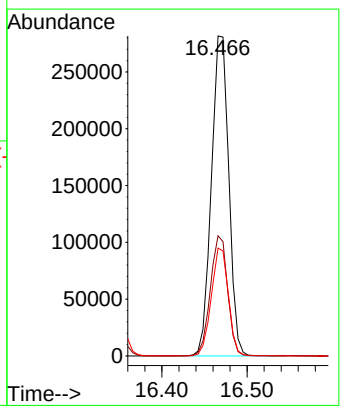


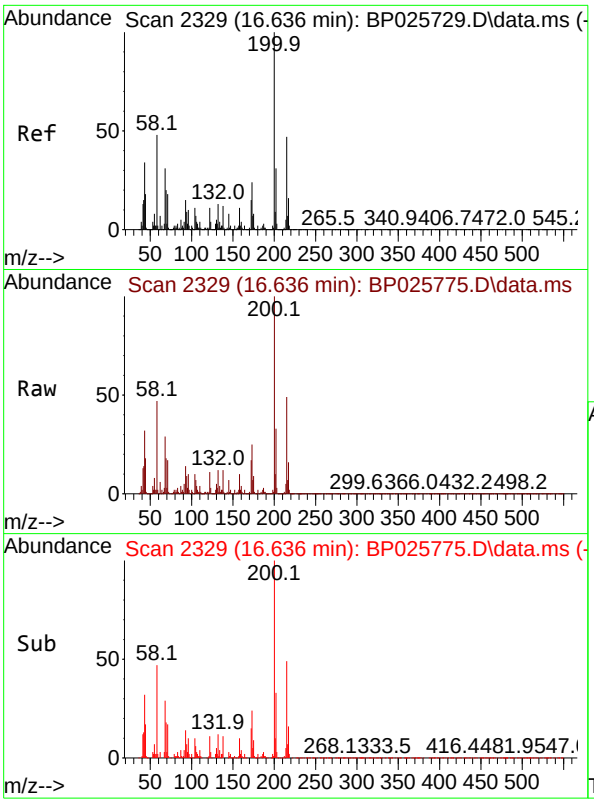


#68
Hexachlorobenzene
Concen: 38.523 ng
RT: 16.466 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:284 Resp: 398949

Ion	Ratio	Lower	Upper
284	100		
142	37.5	31.3	46.9
249	33.7	27.3	40.9



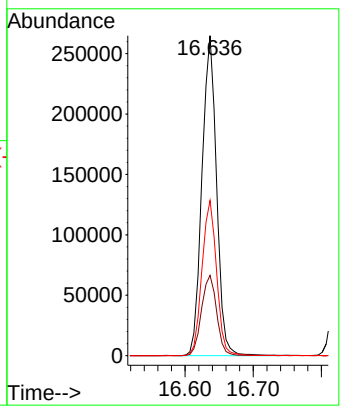


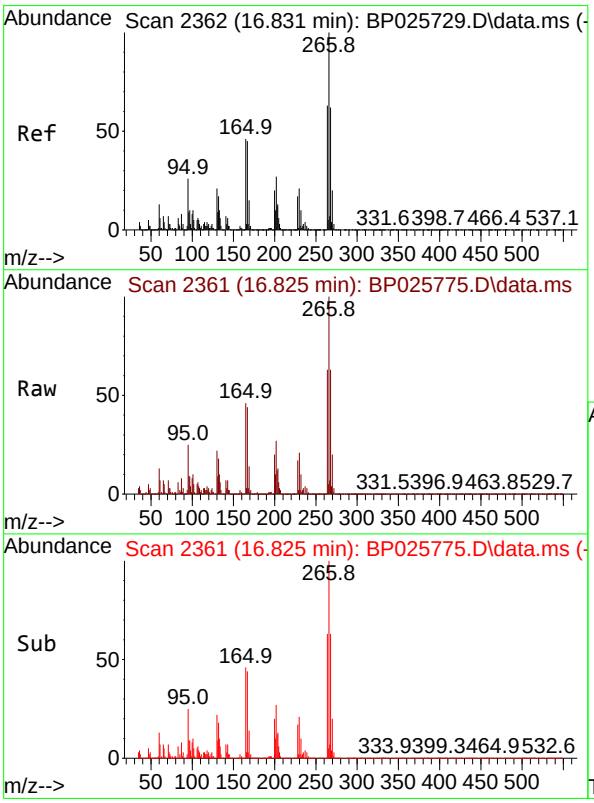
#69
Atrazine
Concen: 39.855 ng
RT: 16.636 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:200 Resp: 394105

Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.2	44.2
215	48.5	27.3	67.3

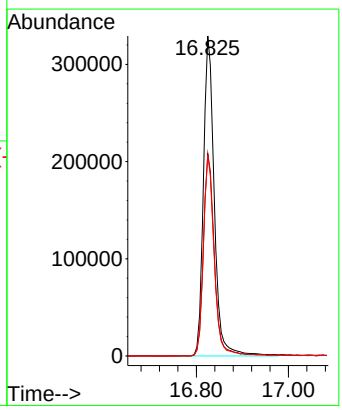


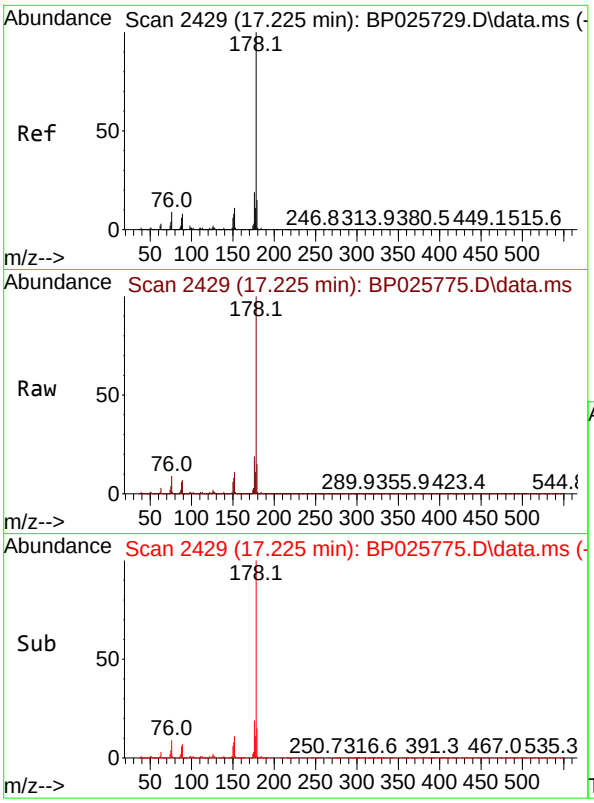


#70
Pentachlorophenol
Concen: 79.722 ng
RT: 16.825 min Scan# 2361
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:266 Resp: 544904

Ion	Ratio	Lower	Upper
266	100		
268	63.2	49.8	74.8
264	62.7	50.2	75.2



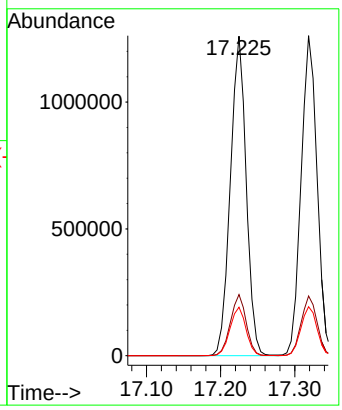


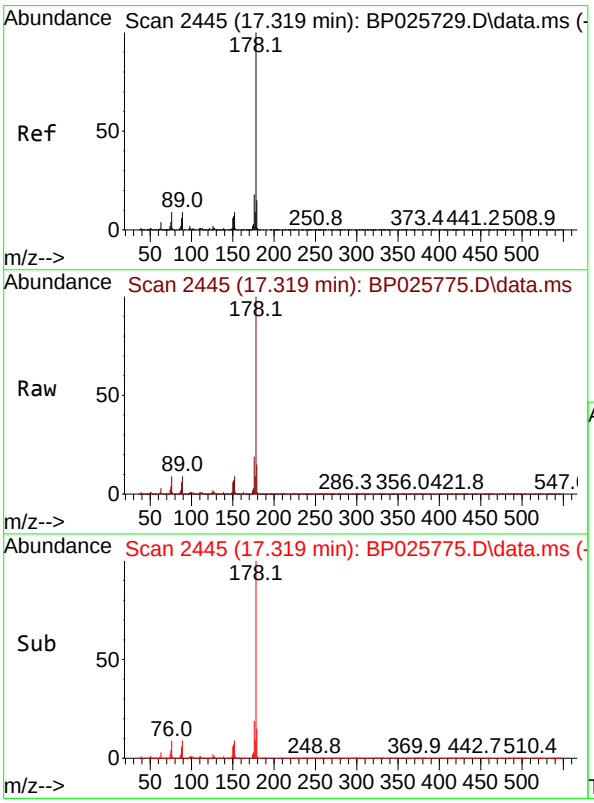
#71
Phenanthrene
Concen: 39.021 ng
RT: 17.225 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:178 Resp: 1871116

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.2	12.2	18.4

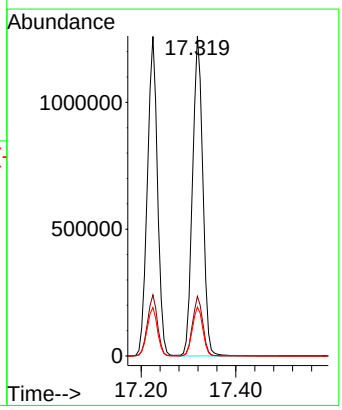


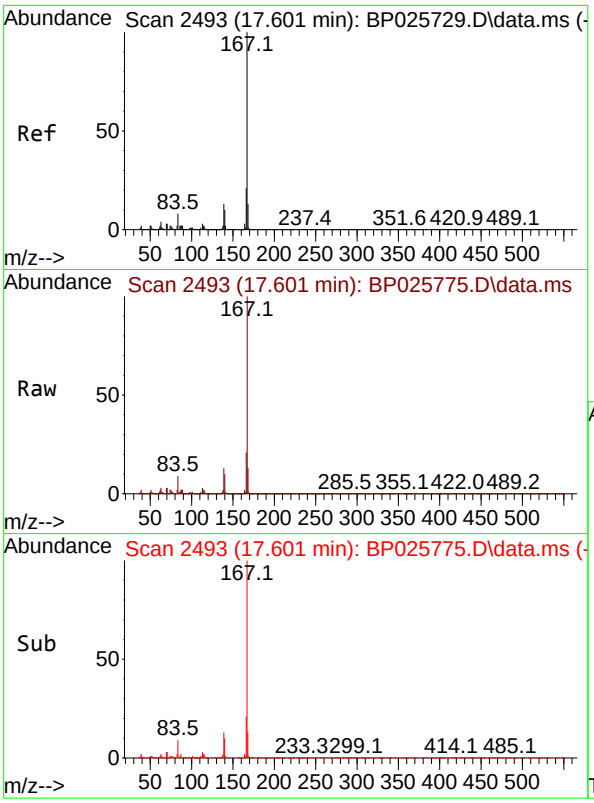


#72
Anthracene
Concen: 39.072 ng
RT: 17.319 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:178 Resp: 1900966

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.3	12.2	18.4



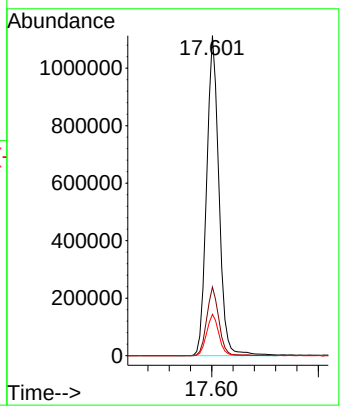


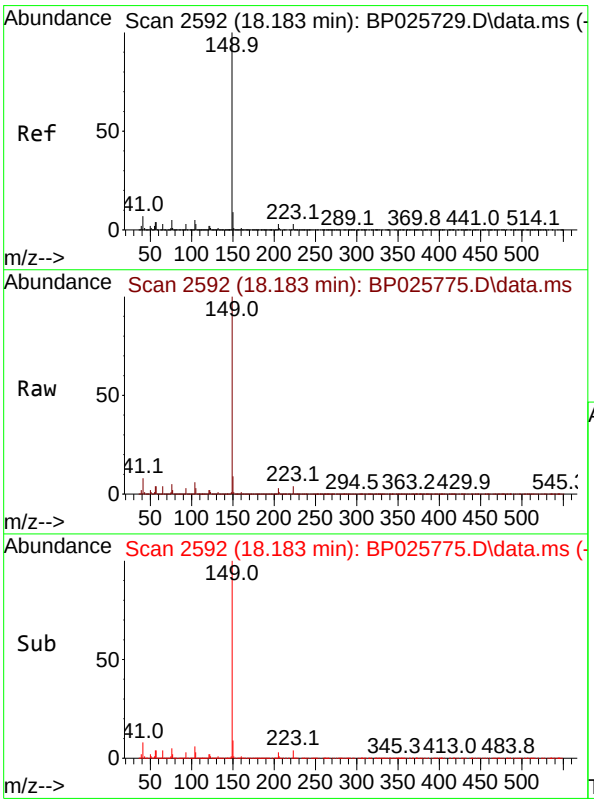
#73
Carbazole
Concen: 39.414 ng
RT: 17.601 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:167 Resp: 1782815

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.4
139	13.0	10.6	16.0

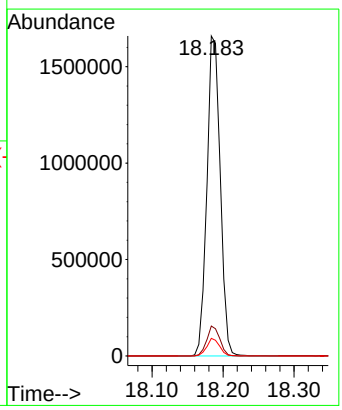


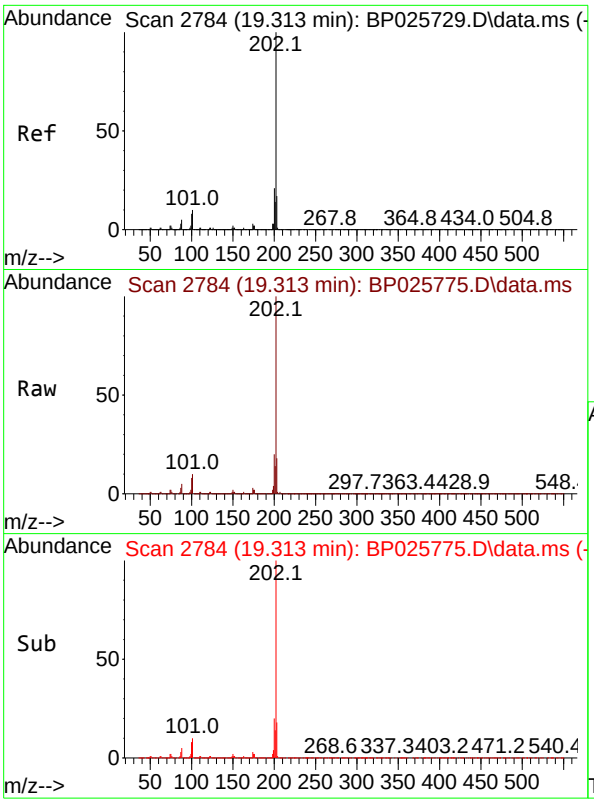


#74
Di-n-butylphthalate
Concen: 39.143 ng
RT: 18.183 min Scan# 2592
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:149 Resp: 2172820

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.5	4.3	6.5



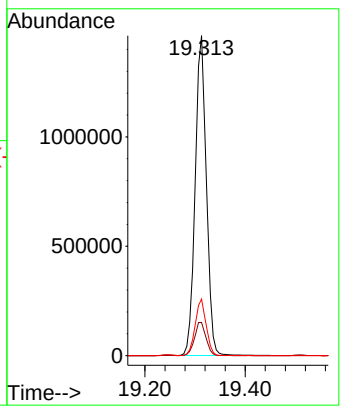


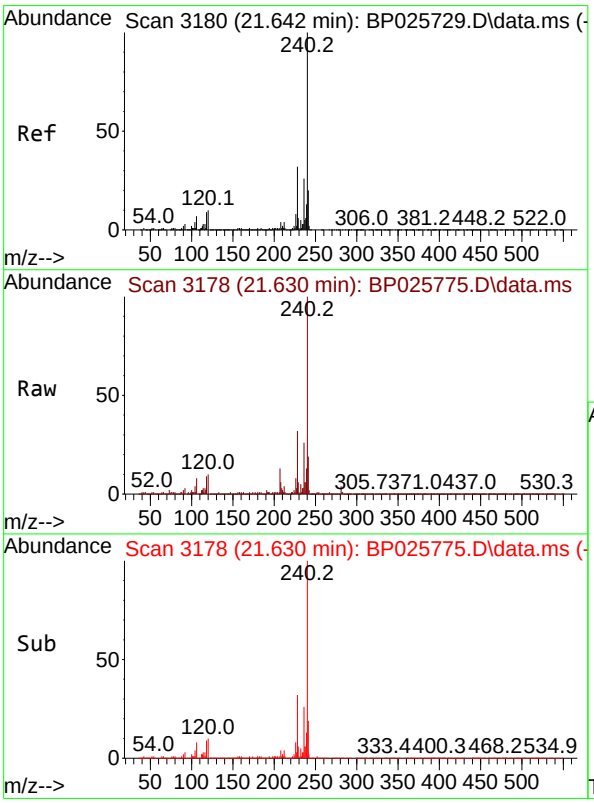
#75
Fluoranthene
Concen: 39.271 ng
RT: 19.313 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:202 Resp: 2258488

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.4
203	17.7	0.0	37.4

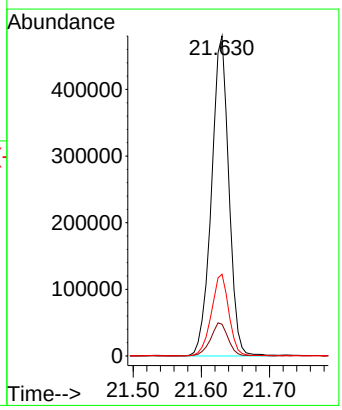


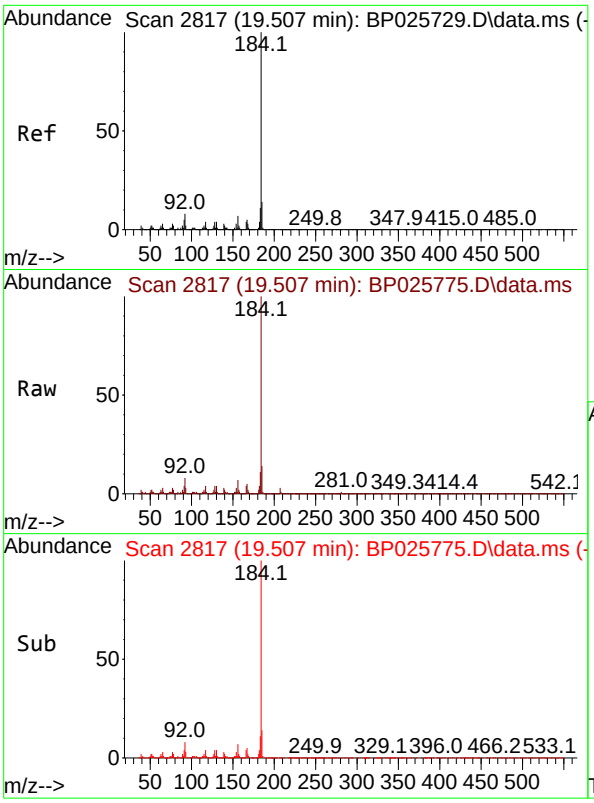


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:240 Resp: 850188

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.0	12.0
236	25.5	20.7	31.1



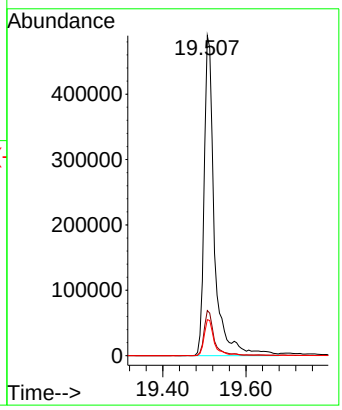


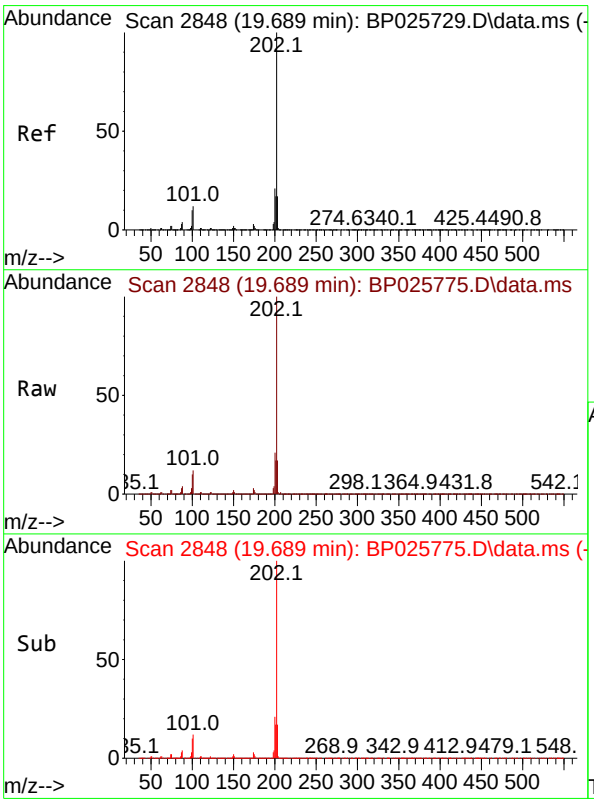
#77
Benzidine
Concen: 34.474 ng
RT: 19.507 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:184 Resp: 844260

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.2	9.2	13.8

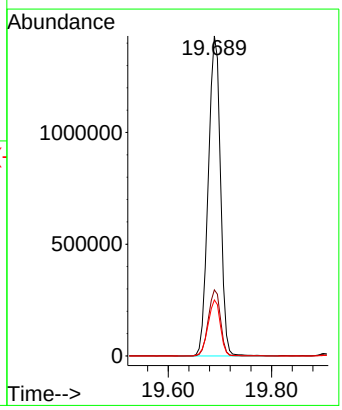


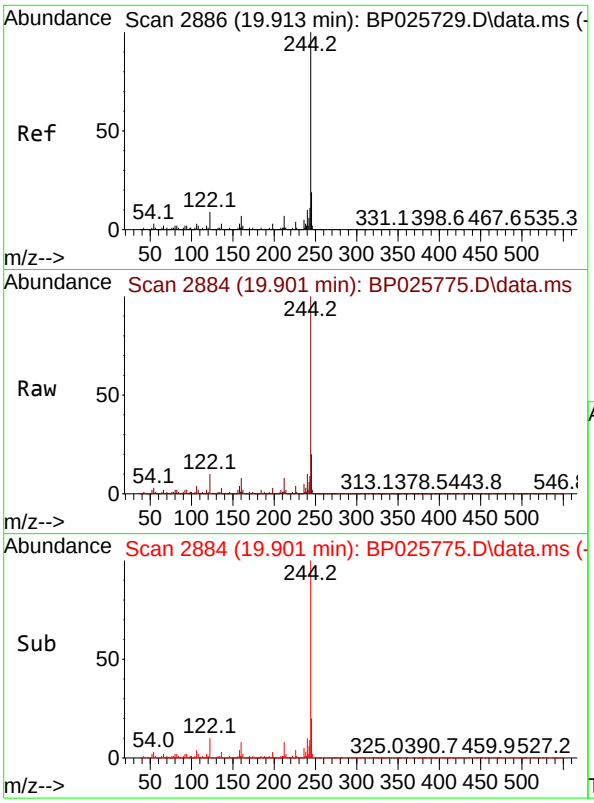


#78
Pyrene
Concen: 41.272 ng
RT: 19.689 min Scan# 2848
Delta R.T. -0.000 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:202 Resp: 2341307

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.6
203	17.5	13.9	20.9



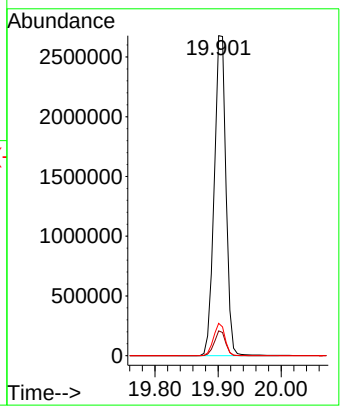


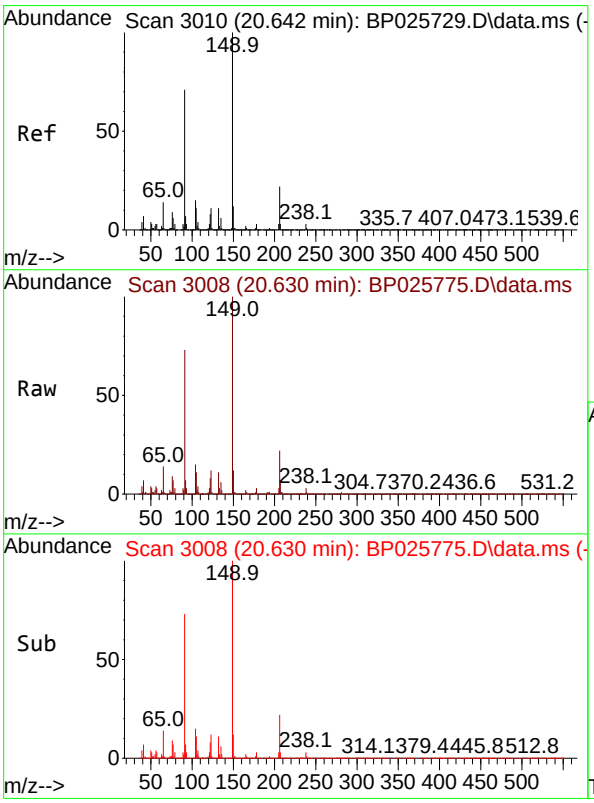
#79
Terphenyl-d14
Concen: 72.740 ng
RT: 19.901 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:244 Resp: 3437645

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.1	7.1	10.7

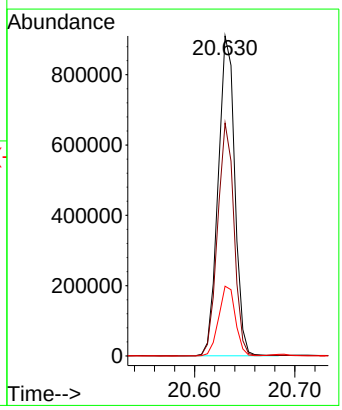


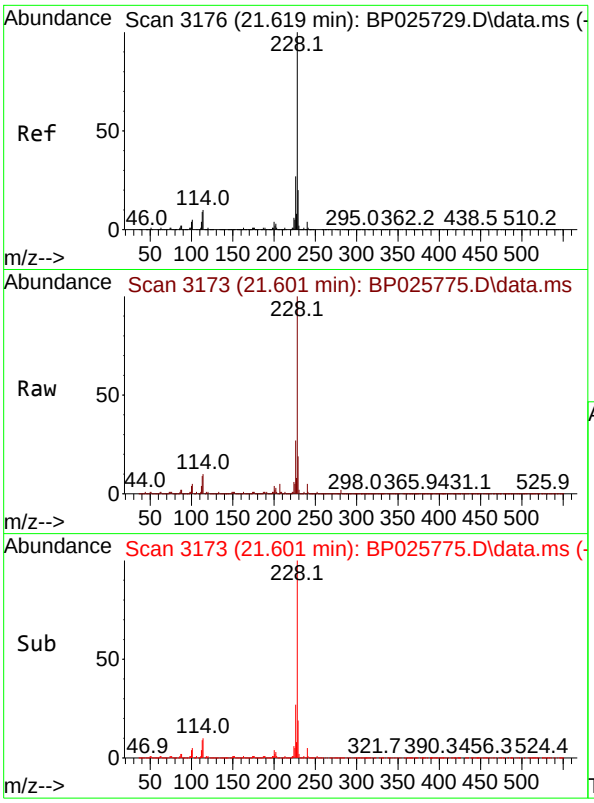


#80
Butylbenzylphthalate
Concen: 42.053 ng
RT: 20.630 min Scan# 3008
Delta R.T. -0.012 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:149 Resp: 1046003

Ion	Ratio	Lower	Upper
149	100		
91	72.8	56.6	85.0
206	21.8	17.4	26.0



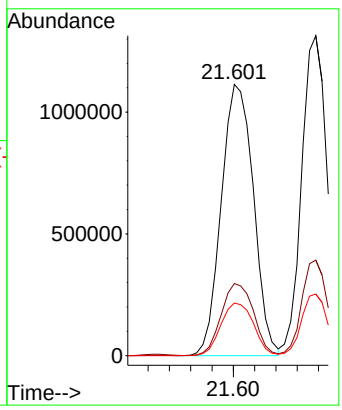


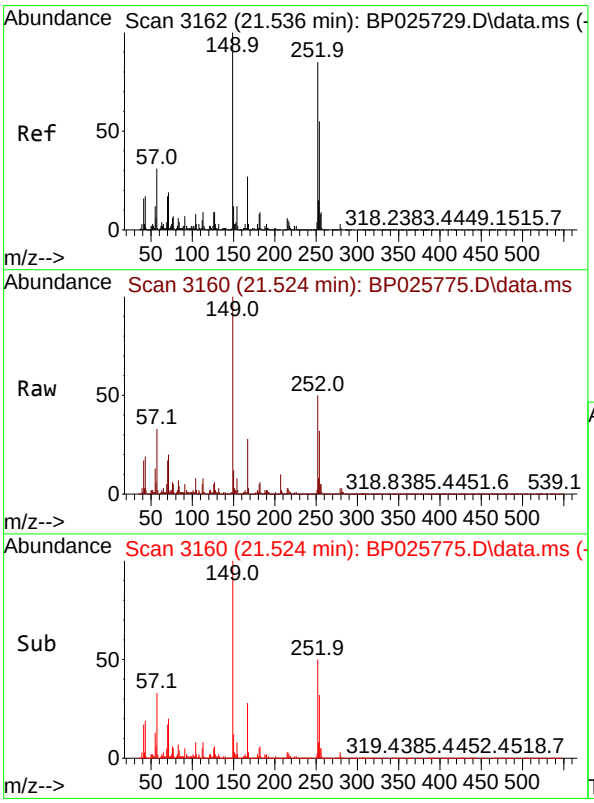
#81
Benzo(a)anthracene
Concen: 40.162 ng
RT: 21.601 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:228 Resp: 2337622

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.6	32.4
229	19.4	15.7	23.5

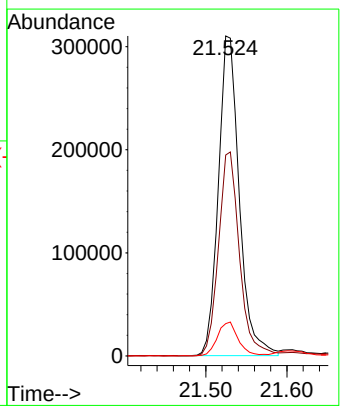


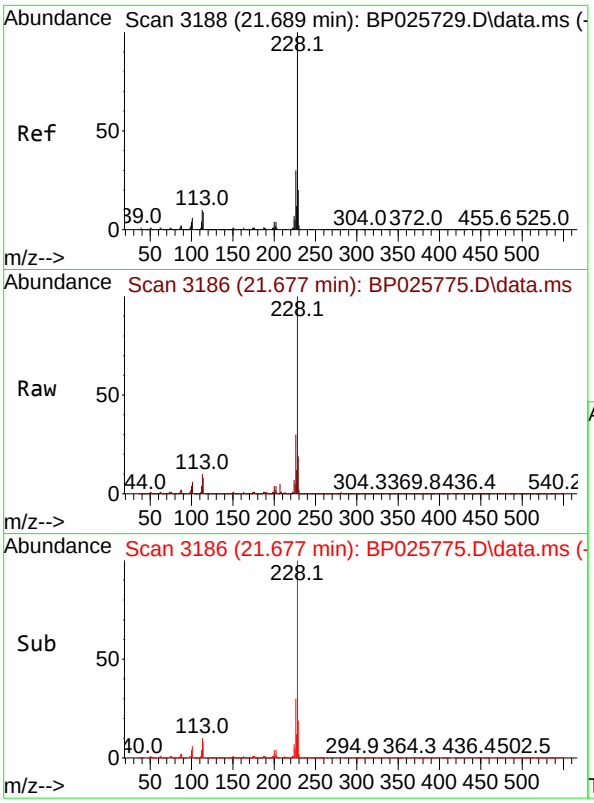


#82
3,3'-Dichlorobenzidine
Concen: 27.637 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:252 Resp: 556223

Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.4	77.0
126	10.1	8.3	12.5



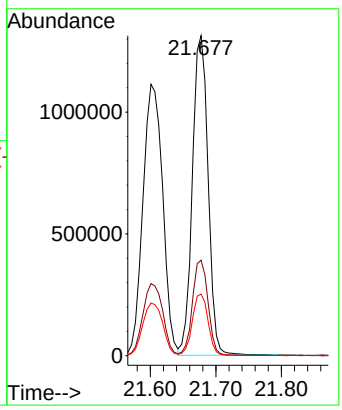


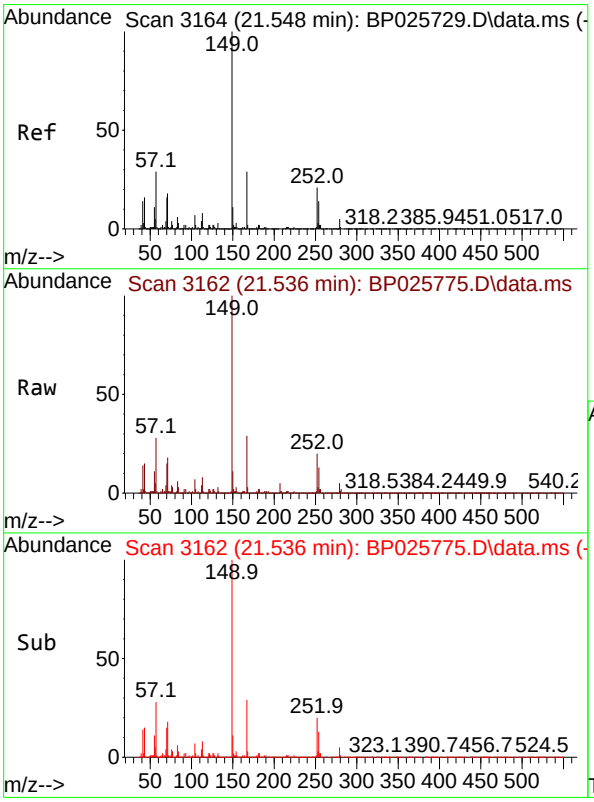
#83
Chrysene
Concen: 39.453 ng
RT: 21.677 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:228 Resp: 2189029

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	19.3	15.6	23.4

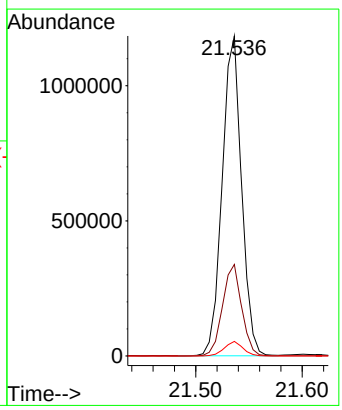


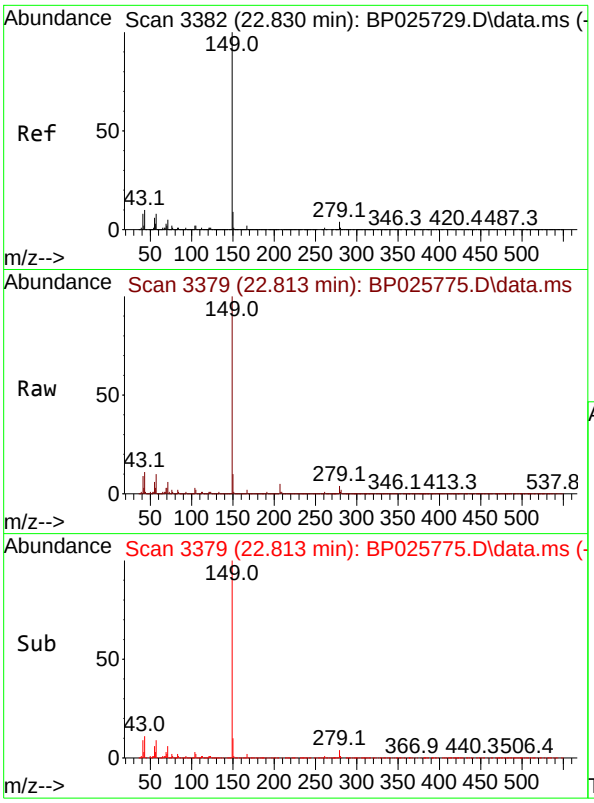


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.016 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.012 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:149 Resp: 1492610

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.9	34.3
279	4.5	3.8	5.8



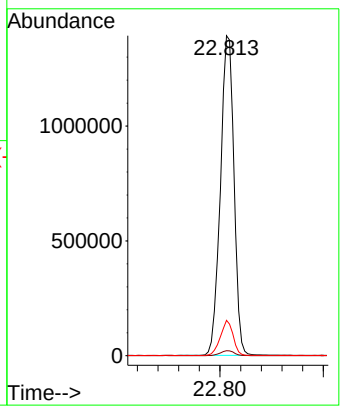


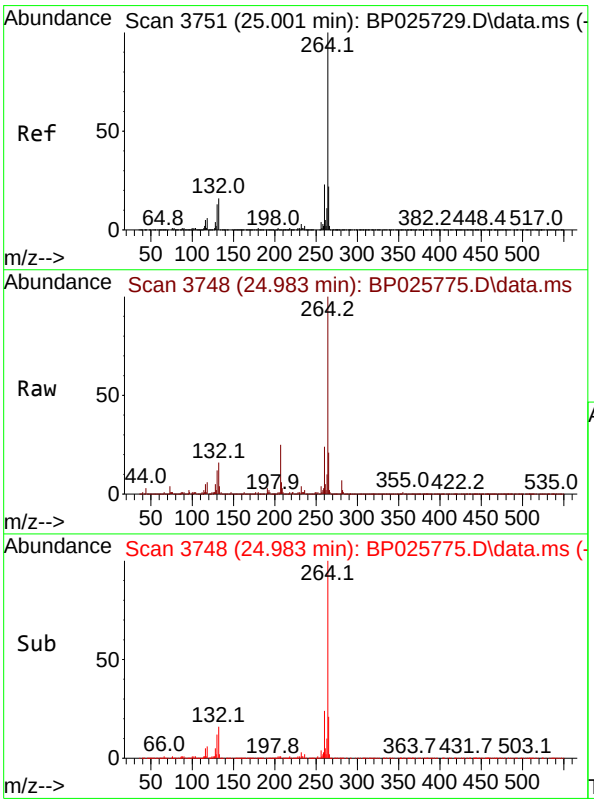
#85
Di-n-octyl phthalate
Concen: 39.218 ng
RT: 22.813 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:149 Resp: 2538713

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.3	8.0	12.0

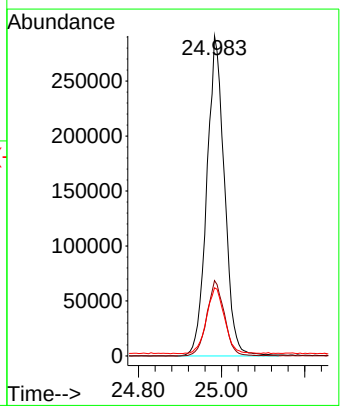


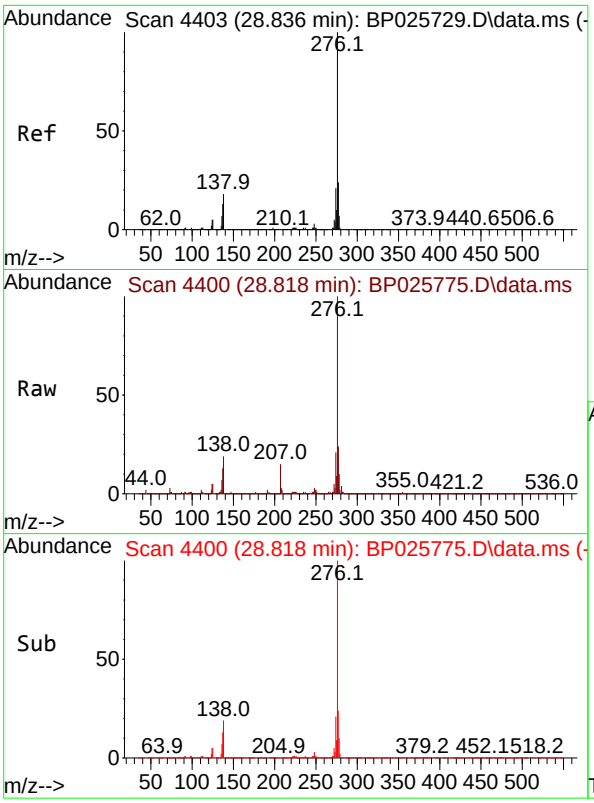


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.983 min Scan# 3748
Delta R.T. -0.018 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:264 Resp: 857103

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.3	17.3	25.9



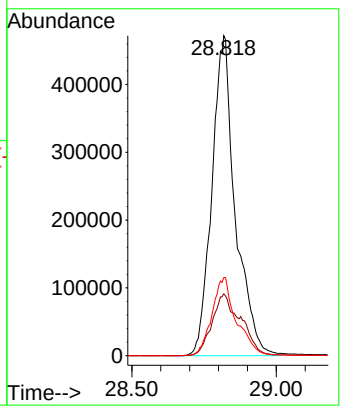


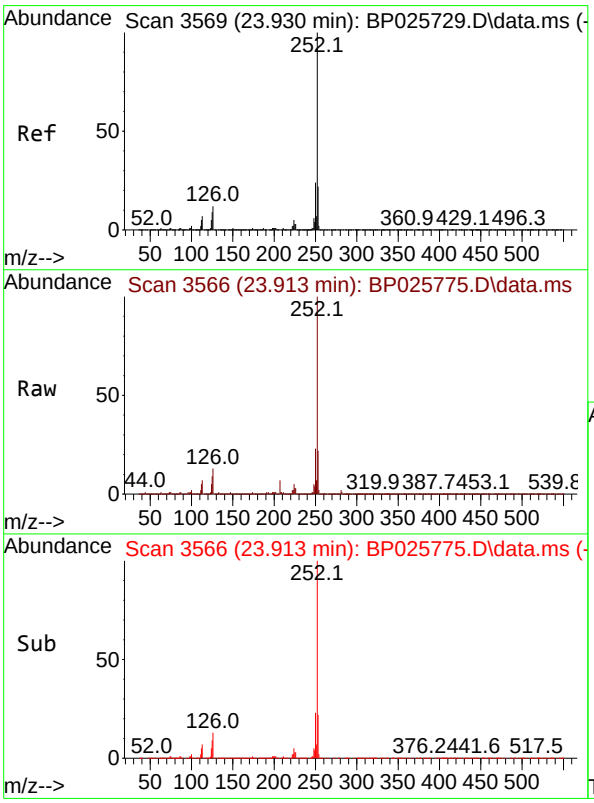
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.609 ng
RT: 28.818 min Scan# 44
Delta R.T. -0.018 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:276 Resp: 2655840

Ion	Ratio	Lower	Upper
276	100		
138	23.6	13.4	20.2#
277	25.4	9.1	13.7#

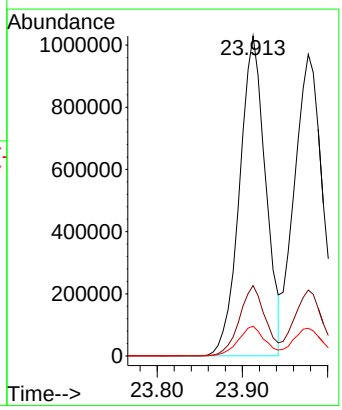


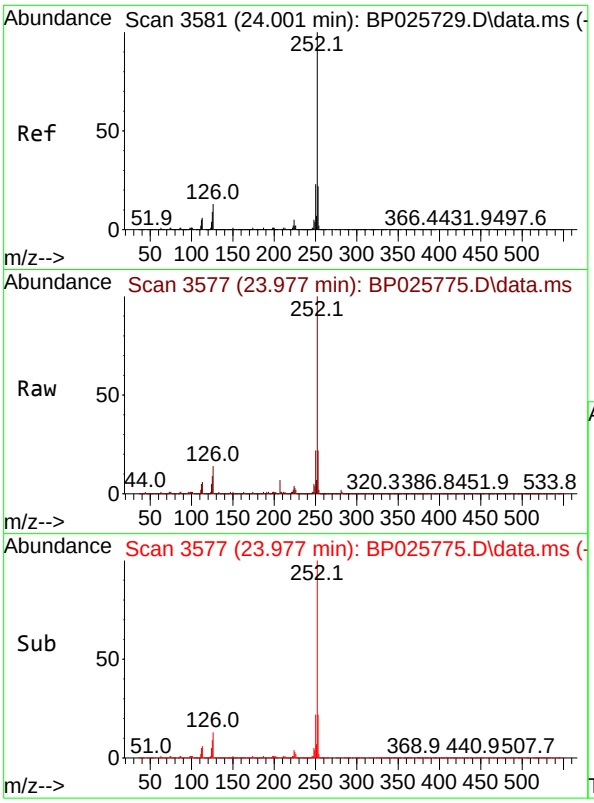


#88
Benzo(b)fluoranthene
Concen: 41.733 ng
RT: 23.913 min Scan# 3566
Delta R.T. -0.018 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:252 Resp: 2187404

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	9.3	7.3	10.9



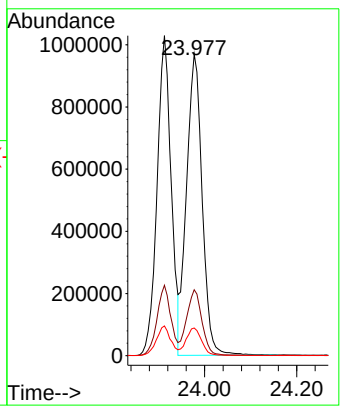


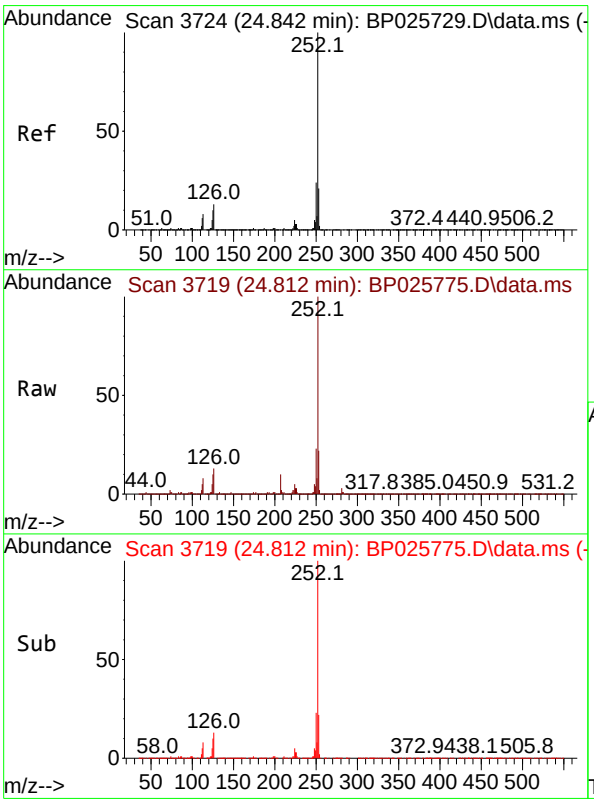
#89
Benzo(k)fluoranthene
Concen: 42.519 ng
RT: 23.977 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:252 Resp: 2274107

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.2	7.5	11.3

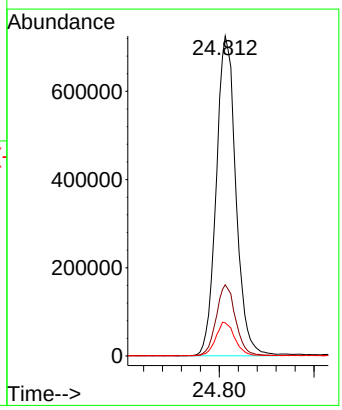


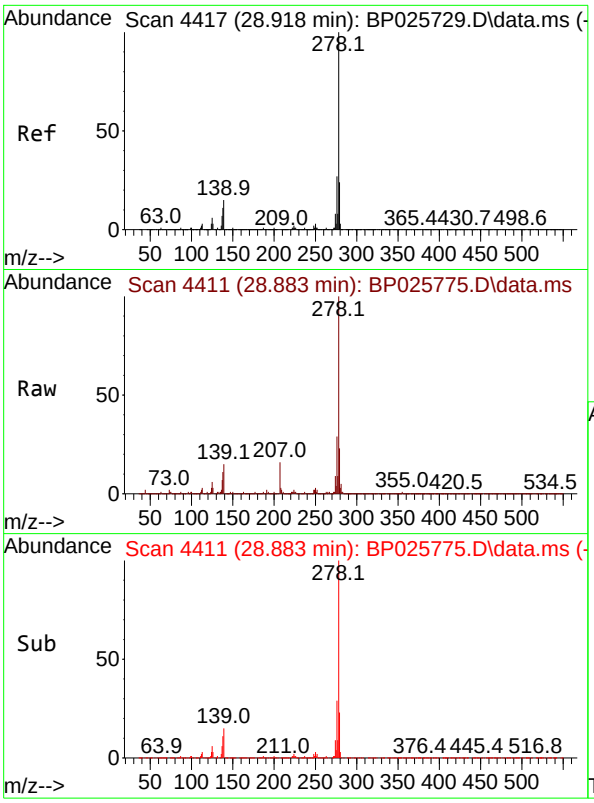


#90
Benzo(a)pyrene
Concen: 40.677 ng
RT: 24.812 min Scan# 3719
Delta R.T. -0.029 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:252 Resp: 2087891

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.4	8.3	12.5



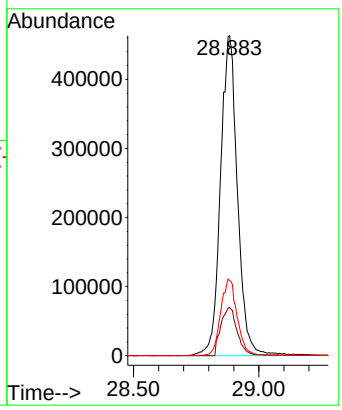


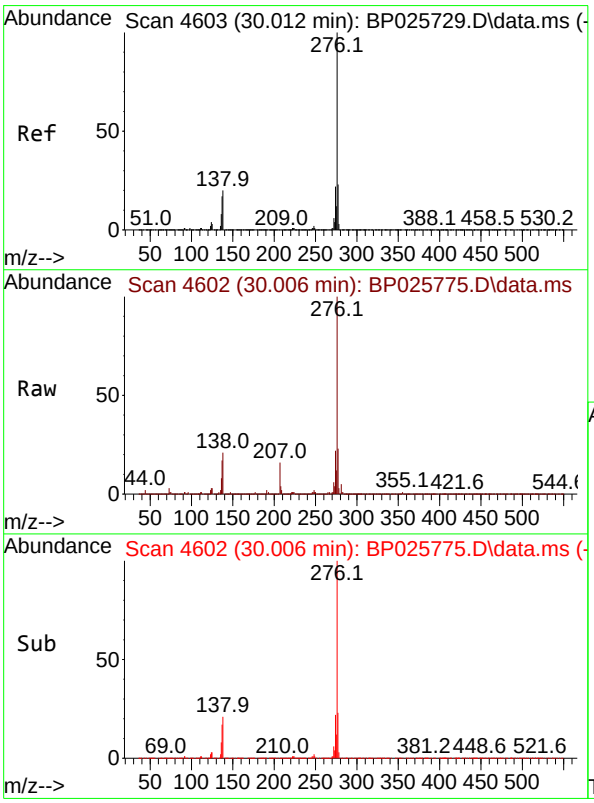
#91
Dibenzo(a,h)anthracene
Concen: 42.636 ng
RT: 28.883 min Scan# 44
Delta R.T. -0.035 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Tgt Ion:278 Resp: 2174745

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.1	18.1
279	23.4	19.6	29.4

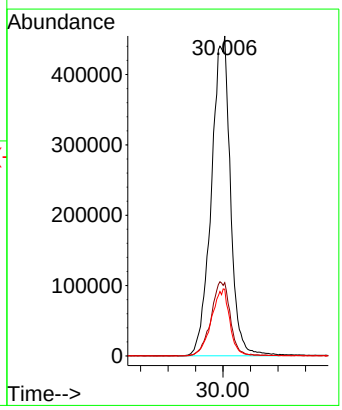




#92
Benzo(g,h,i)perylene
Concen: 43.339 ng
RT: 30.006 min Scan# 4602
Delta R.T. -0.006 min
Lab File: BP025775.D
Acq: 17 Sep 2025 21:16

Tgt Ion:276 Resp: 2173956

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.7	28.1
138	20.8	16.0	24.0



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

Manual Integration Report

Sequence:	BP091225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC2.5	BP025725.D	n-Nitroso-di-n-propylamine	Rahul	9/12/2025 10:21:39 AM	Jagrut	9/12/2025 11:46:19 AM	Peak Integrated by Software
SSTDICC005	BP025726.D	4-Nitroaniline	Rahul	9/12/2025 10:21:42 AM	Jagrut	9/12/2025 11:46:21 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Benzaldehyde	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Benzoic acid	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Caprolactam	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC020	BP025728.D	Benzaldehyde	Rahul	9/12/2025 10:21:48 AM	Jagrut	9/12/2025 11:46:26 AM	Peak Integrated by Software
SSTDICCC040	BP025729.D	Benzaldehyde	Rahul	9/12/2025 10:21:51 AM	Jagrut	9/12/2025 11:46:29 AM	Peak Integrated by Software
SSTDICC050	BP025733.D	Benzaldehyde	Rahul	9/12/2025 10:21:53 AM	Jagrut	9/12/2025 11:49:15 AM	Peak Integrated by Software
SSTDICV040	BP025734.D	Benzaldehyde	Rahul	9/12/2025 10:21:56 AM	Jagrut	9/12/2025 11:49:18 AM	Peak Integrated by Software
SSTDICV040	BP025734.D	Benzidine	Rahul	9/12/2025 10:21:56 AM	Jagrut	9/12/2025 11:49:18 AM	Peak Integrated by Software
SSTDCCC040	BP025744.D	Benzaldehyde	Rahul	9/15/2025 8:28:08 AM	Jagrut	9/15/2025 10:12:19 AM	Peak Integrated by Software
SSTDCCC040	BP025744.D	Benzo(g,h,i)perylene	Rahul	9/15/2025 8:28:08 AM	Jagrut	9/15/2025 10:12:19 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP091225	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, Fax : 908 789 8922

Manual Integration Report

Sequence:	BP091725	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169719BS	BP025774.D	Caprolactam	Rahul	9/19/2025 8:47:34 AM	Jagrut	9/19/2025 10:17:58 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP091925	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,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM		
SubDirectory	BP091225	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025724.D	11 Sep 2025 08:09	CG/JU	Ok
2	SSTDICC2.5	BP025725.D	11 Sep 2025 08:56	CG/JU	Ok,M
3	SSTDICC005	BP025726.D	11 Sep 2025 09:37	CG/JU	Ok,M
4	SSTDICC010	BP025727.D	11 Sep 2025 10:18	CG/JU	Ok,M
5	SSTDICC020	BP025728.D	11 Sep 2025 10:59	CG/JU	Ok,M
6	SSTDICCC040	BP025729.D	11 Sep 2025 12:21	CG/JU	Ok,M
7	SSTDICC050	BP025730.D	11 Sep 2025 13:02	CG/JU	Not Ok
8	SSTDICC060	BP025731.D	11 Sep 2025 13:43	CG/JU	Ok
9	SSTDICC080	BP025732.D	11 Sep 2025 14:24	CG/JU	Ok
10	SSTDICC050	BP025733.D	11 Sep 2025 15:20	CG/JU	Ok,M
11	SSTDICV040	BP025734.D	11 Sep 2025 16:54	CG/JU	Ok,M
12	PB169633BL	BP025735.D	11 Sep 2025 17:35	CG/JU	Ok
13	DFTPP	BP025736.D	12 Sep 2025 09:03	CG/JU	Ok
14	SSTDCCC040	BP025737.D	12 Sep 2025 10:24	CG/JU	Ok
15	PB169490BL	BP025738.D	12 Sep 2025 11:05	CG/JU	Ok
16	Q2893-02	BP025739.D	12 Sep 2025 11:46	CG/JU	Ok,M
17	Q2893-08	BP025740.D	12 Sep 2025 12:27	CG/JU	Ok,M
18	Q2893-01	BP025741.D	12 Sep 2025 13:08	CG/JU	Ok,M
19	Q2893-07	BP025742.D	12 Sep 2025 13:49	CG/JU	Ok,M
20	PB169499BL	BP025743.D	12 Sep 2025 14:30	CG/JU	Ok
21	SSTDCCC040	BP025744.D	12 Sep 2025 15:35	CG/JU	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091725

Review By	Rahul	Review On	9/18/2025 1:34:08 PM				
Supervise By	Jagrut	Supervise On	9/18/2025 5:22:36 PM				
SubDirectory	BP091725	HP Acquire Method	BNA_P			HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025768.D	17 Sep 2025 11:22	CG/JU	Ok
2	SSTDCCC040	BP025769.D	17 Sep 2025 12:03	CG/JU	Ok
3	PB169672BL	BP025770.D	17 Sep 2025 14:26	CG/JU	Ok
4	Q3015-03	BP025771.D	17 Sep 2025 15:07	CG/JU	Dilution
5	Q3015-03DL	BP025772.D	17 Sep 2025 17:51	CG/JU	Ok,M
6	Q3015-22	BP025773.D	17 Sep 2025 19:13	CG/JU	Ok
7	PB169719BS	BP025774.D	17 Sep 2025 20:35	CG/JU	Ok,M
8	PB169719BSD	BP025775.D	17 Sep 2025 21:16	CG/JU	Ok
9	PB169719BL	BP025776.D	17 Sep 2025 21:56	CG/JU	Ok
10	SSTDCCC040	BP025777.D	17 Sep 2025 22:37	CG/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091925

Review By	Rahul	Review On	9/22/2025 8:48:31 AM				
Supervise By	Jagrut	Supervise On	9/22/2025 10:06:31 AM				
SubDirectory	BP091925	HP Acquire Method	BNA_P		HP Processing Method	BP091225	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025791.D	19 Sep 2025 09:31	CG/JU	Ok
2	SSTDCCC040	BP025792.D	19 Sep 2025 10:12	CG/JU	Ok
3	PB169731TB	BP025793.D	19 Sep 2025 10:53	CG/JU	Ok
4	PB169672BS	BP025794.D	19 Sep 2025 11:34	CG/JU	Ok,M
5	Q3103-01	BP025795.D	19 Sep 2025 12:20	CG/JU	Ok
6	Q3108-01	BP025796.D	19 Sep 2025 13:01	CG/JU	Ok
7	Q3083-03	BP025797.D	19 Sep 2025 13:43	CG/JU	Ok
8	Q3117-02	BP025798.D	19 Sep 2025 14:24	CG/JU	Ok
9	Q3117-02MS	BP025799.D	19 Sep 2025 15:05	CG/JU	Ok
10	Q3117-02MSD	BP025800.D	19 Sep 2025 15:47	CG/JU	Ok
11	Q3098-04	BP025801.D	19 Sep 2025 16:28	CG/JU	Ok
12	Q3098-05MS	BP025802.D	19 Sep 2025 17:09	CG/JU	Ok
13	Q3098-06MSD	BP025803.D	19 Sep 2025 17:51	CG/JU	Ok,M
14	Q3133-03	BP025804.D	19 Sep 2025 18:32	CG/JU	Ok,M
15	Q3133-03MS	BP025805.D	19 Sep 2025 19:14	CG/JU	Ok
16	Q3133-03MSD	BP025806.D	19 Sep 2025 19:55	CG/JU	Ok
17	Q3126-01	BP025807.D	19 Sep 2025 20:37	CG/JU	Dilution

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM		
SubDirectory	BP091225	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025724.D	11 Sep 2025 08:09		CG/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP025725.D	11 Sep 2025 08:56		CG/JU	Ok,M
3	SSTDICC005	SSTDICC005	BP025726.D	11 Sep 2025 09:37		CG/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP025727.D	11 Sep 2025 10:18		CG/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP025728.D	11 Sep 2025 10:59		CG/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP025729.D	11 Sep 2025 12:21	Compound#54 & 56 are Kept on LR	CG/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP025730.D	11 Sep 2025 13:02	Not Used	CG/JU	Not Ok
8	SSTDICC060	SSTDICC060	BP025731.D	11 Sep 2025 13:43		CG/JU	Ok
9	SSTDICC080	SSTDICC080	BP025732.D	11 Sep 2025 14:24		CG/JU	Ok
10	SSTDICC050	SSTDICC050	BP025733.D	11 Sep 2025 15:20		CG/JU	Ok,M
11	SSTDICV040	ICVBP091225	BP025734.D	11 Sep 2025 16:54		CG/JU	Ok,M
12	PB169633BL	PB169633BL	BP025735.D	11 Sep 2025 17:35		CG/JU	Ok
13	DFTPP	DFTPP	BP025736.D	12 Sep 2025 09:03		CG/JU	Ok
14	SSTDCCC040	SSTDCCC040	BP025737.D	12 Sep 2025 10:24		CG/JU	Ok
15	PB169490BL	PB169490BL	BP025738.D	12 Sep 2025 11:05		CG/JU	Ok
16	Q2893-02	LOQ-SOIL-02-QT3-202	BP025739.D	12 Sep 2025 11:46	LOQ-SOIL-10PPM	CG/JU	Ok,M
17	Q2893-08	LOQ-WATER-02-QT3-2	BP025740.D	12 Sep 2025 12:27	LOQ-WATER-10 PPM	CG/JU	Ok,M

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM		
SubDirectory	BP091225	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2893-01	LOD-MDL-SOIL-01-QT	BP025741.D	12 Sep 2025 13:08	LOD-MDL-SOIL-8PPM	CG/JU	Ok,M
19	Q2893-07	LOD-MDL-WATER-01-(	BP025742.D	12 Sep 2025 13:49	LOD-MDL-WATER-8PPM	CG/JU	Ok,M
20	PB169499BL	PB169499BL	BP025743.D	12 Sep 2025 14:30		CG/JU	Ok
21	SSTDCCC040	SSTDCCC040EC	BP025744.D	12 Sep 2025 15:35		CG/JU	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091725

Review By	Rahul	Review On	9/18/2025 1:34:08 PM		
Supervise By	Jagrut	Supervise On	9/18/2025 5:22:36 PM		
SubDirectory	BP091725	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025768.D	17 Sep 2025 11:22		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025769.D	17 Sep 2025 12:03		CG/JU	Ok
3	PB169672BL	PB169672BL	BP025770.D	17 Sep 2025 14:26		CG/JU	Ok
4	Q3015-03	WP0925-PT-BN-WP	BP025771.D	17 Sep 2025 15:07	PT Sample-Need 5X dilution	CG/JU	Dilution
5	Q3015-03DL	WP0925-PT-BN-WPDL	BP025772.D	17 Sep 2025 17:51		CG/JU	Ok,M
6	Q3015-22	WP0925-RR-TRIAZINE	BP025773.D	17 Sep 2025 19:13		CG/JU	Ok
7	PB169719BS	PB169719BS	BP025774.D	17 Sep 2025 20:35		CG/JU	Ok,M
8	PB169719BSD	PB169719BSD	BP025775.D	17 Sep 2025 21:16		CG/JU	Ok
9	PB169719BL	PB169719BL	BP025776.D	17 Sep 2025 21:56		CG/JU	Ok
10	SSTDCCC040	SSTDCCC040EC	BP025777.D	17 Sep 2025 22:37		CG/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091925

Review By	Rahul	Review On	9/22/2025 8:48:31 AM		
Supervise By	Jagrut	Supervise On	9/22/2025 10:06:31 AM		
SubDirectory	BP091925	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025791.D	19 Sep 2025 09:31		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025792.D	19 Sep 2025 10:12		CG/JU	Ok
3	PB169731TB	PB169731TB	BP025793.D	19 Sep 2025 10:53		CG/JU	Ok
4	PB169672BS	PB169672BS	BP025794.D	19 Sep 2025 11:34		CG/JU	Ok,M
5	Q3103-01	TW-WTS-14	BP025795.D	19 Sep 2025 12:20		CG/JU	Ok
6	Q3108-01	MW2	BP025796.D	19 Sep 2025 13:01		CG/JU	Ok
7	Q3083-03	MW3S	BP025797.D	19 Sep 2025 13:43		CG/JU	Ok
8	Q3117-02	7211986-357	BP025798.D	19 Sep 2025 14:24		CG/JU	Ok
9	Q3117-02MS	7211986-357MS	BP025799.D	19 Sep 2025 15:05		CG/JU	Ok
10	Q3117-02MSD	7211986-357MSD	BP025800.D	19 Sep 2025 15:47		CG/JU	Ok
11	Q3098-04	EFF-WW	BP025801.D	19 Sep 2025 16:28	Surrogate Fail	CG/JU	Ok
12	Q3098-05MS	EFF-WWMS	BP025802.D	19 Sep 2025 17:09		CG/JU	Ok
13	Q3098-06MSD	EFF-WWMSD	BP025803.D	19 Sep 2025 17:51		CG/JU	Ok,M
14	Q3133-03	VNJ-222	BP025804.D	19 Sep 2025 18:32		CG/JU	Ok,M
15	Q3133-03MS	VNJ-222MS	BP025805.D	19 Sep 2025 19:14		CG/JU	Ok
16	Q3133-03MSD	VNJ-222MSD	BP025806.D	19 Sep 2025 19:55		CG/JU	Ok
17	Q3126-01	OK-01-091725	BP025807.D	19 Sep 2025 20:37	Need Further 2X Dilution	CG/JU	Dilution

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169719

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	09/17/2025
Matrix :	Water			**Extraction Start Time :**	09:05
Weigh By:	N/A	**Extraction By:**	RJ	**Extraction End Date :**	09/17/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	14:15
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,6,7	**Supervisor By :**	ritesh

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	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
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	E3973
Baked Na2SO4	N/A	EP2639
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:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH, 1.5ML Vial Lot # 2210443.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/17/25	RJ (Ext-lab)	RC/SVOC
14:20	**Preparation Group**	**Analysis Group**

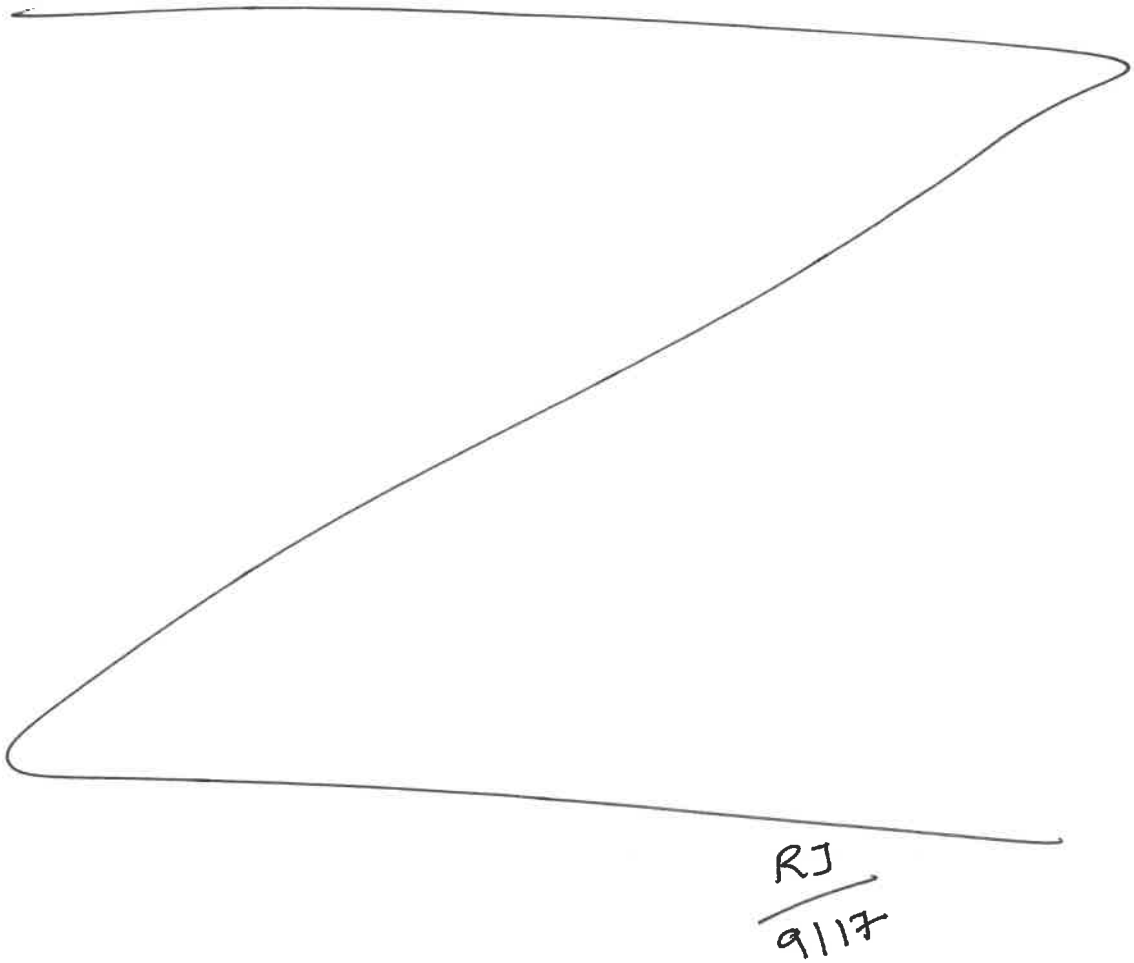
Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169719

Analytical Method: M3510C,3580A-Extraction SVOC-21 **Concentration Date:** 09/17/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169719BL	SBLK719	SVOCMS Group2	1000	6	ritesh	Evelyn	1			SEP-1
PB169719BS	SLCS719	SVOCMS Group2	1000	6	ritesh	Evelyn	1			2
PB169719BSD	SLCSD719	SVOCMS Group2	1000	6	ritesh	Evelyn	1			3
Q3015-03	WP0925-PT-BN-WP	SVOCMS Group1	1000	6	ritesh	Evelyn	1			4
Q3015-06	WP0925-PT-ACIDS-WP	SVOCMS Group2	1000	6	ritesh	Evelyn	1			5
Q3015-22	WP0925-RR-TRIAZINE-WP	SVOCMS Group6	1000	6	ritesh	Evelyn	1			6
Q3083-03	MW3S	SVOCMS Group2	1000	6	ritesh	Evelyn	1	F		7
Q3103-01	TW-WTS-14	SVOCMS Group4	1000	6	ritesh	Evelyn	1	D		8
Q3108-01	MW2	SVOCMS Group1	1000	6	ritesh	Evelyn	1	C		9



* **Extracts relinquished on the same date as received.**

169715
9:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3108 **WorkList ID :** 191910 **Department :** Extraction **Date :** 09-17-2025 09:00:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3015-03	WP0925-PT-BN-WP	Water	SVOCMS Group1	Cool 4 deg C	ALLI03	QA Of	09/02/2025	8270E
Q3015-06	WP0925-PT-ACIDS-WP	Water	SVOCMS Group2	Cool 4 deg C	ALLI03	QA Of	09/02/2025	8270E
Q3015-22	WP0925-RR-TRIAZINE-WP	Water	SVOCMS Group6	Cool 4 deg C	ALLI03	QA Of	09/05/2025	8270E
Q3083-03	MW3S	Water	SVOCMS Group2	Cool 4 deg C	GENV01	D31	09/11/2025	8270E
Q3103-01	TW-WTS-14	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	J22	09/15/2025	8270E
Q3108-01	MW2	Water	SVOCMS Group1	Cool 4 deg C	GENV01	A11	09/15/2025	8270E

Date/Time 9/17/25 9:00
Raw Sample Received by: RJ (EZL-Lab)
Raw Sample Relinquished by: SM

Date/Time 9/17/25 9:30
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (EZL-Lab)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q2083
QUOTE NO.
COC Number 2047554

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: G environmental
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Blanchard
PROJECT NO.: LOCATION:
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G environmental PO#:
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: Standard DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☒ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other excel
- ☒ EDD FORMAT hazsite edd

ANALYSIS

TCL VOCs
TCL BNAs (NO SIM)
1,4 DIOXANE phenols

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1 (HCl)	2	3 (ice)	4	5	6	7	8	9	COMMENTS
1.	MW4S	GW		X	9/11/25	1010	2	X									
2.	MW4I	GW		X	9/11/25	1025	2	X									
3.	MW3S	GW		X	9/11/25	1235	4	X		X	X						
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	9/11/25 18:25	1. [signature]
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.3 °C
Comments: NO SIM No phenols IR Gun #1

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3083 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 9/11/2025 1:25:37 PM
Project Name : Blanchard
Receive DateTime : 9/11/2025 1:25:00 PM
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : HAZ/EXCEL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
Q3083-01	MW4S	Water	09/11/2025	10:10						
					VOC-TCLVOA-10		8260D	10 Bus. Days		
Q3083-02	MW4I	Water	09/11/2025	10:25						
					VOC-TCLVOA-10		8260D	10 Bus. Days		
Q3083-03	MW3S	Water	09/11/2025	12:35						
					VOC-TCLVOA-10		8260D	10 Bus. Days		

Relinguished By : [signature]
Date / Time : 9/11/25 1350

Received By : [signature]
Date / Time : 09/11/25 13:50 [illegible]

Storage Area : VOA Refridgerator Room