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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LAB CHRONICLE

OrderID:	Q3586	**OrderDate:**	11/7/2025 3:20:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3586-01	**SED-1**	**SOIL**			**11/06/25**			**11/07/25**
			SVOC-TCL BNA -20	8270E		11/11/25	11/11/25	
Q3586-02	**SED-2**	**SOIL**			**11/06/25**			**11/07/25**
			SVOC-TCL BNA -20	8270E		11/11/25	11/11/25	
Q3586-03	**SED-3**	**SOIL**			**11/06/25**			**11/07/25**
			SVOC-TCL BNA -20	8270E		11/11/25	11/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3586

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**SED-1**								
Q3586-01	SED-1	SOIL	Benzophenone	*	340.000	J	0	0	ug/Kg
Q3586-01	SED-1	SOIL	Butyl tetracosyl ether	*	250.000	J	0	0	ug/Kg
Q3586-01	SED-1	SOIL	n-Hexadecanoic acid	*	360.000	J	0	0	ug/Kg
			Total Tics :		**950.00**				
			Total Concentration:		**950.00**				
Client ID :	**SED-2**								
Q3586-02	SED-2	SOIL	Bis(2-ethylhexyl)phthalate		270.000	J	140	410	ug/Kg
			Total Svoc :		**270.00**				
Q3586-02	SED-2	SOIL	1-Tricosene	*	270.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Benzophenone	*	910.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Docosane	*	240.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Docosane, 11-butyl-	*	1,200.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	n-Hexadecanoic acid	*	490.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Octadecane	*	200.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Tetracosane	*	240.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Triacontane	*	460.000	J	0	0	ug/Kg
			Total Tics :		**4,010.00**				
			Total Concentration:		**4,280.00**				
Client ID :	**SED-3**								
Q3586-03	SED-3	SOIL	Bis(2-ethylhexyl)phthalate		200.000	J	120	330	ug/Kg
			Total Svoc :		**200.00**				
Q3586-03	SED-3	SOIL	n-Hexadecanoic acid	*	640.000	J	0	0	ug/Kg
Q3586-03	SED-3	SOIL	Octadecanoic acid	*	130.000	J	0	0	ug/Kg
Q3586-03	SED-3	SOIL	1-Heneicosyl formate	*	350.000	J	0	0	ug/Kg
Q3586-03	SED-3	SOIL	Benzophenone	*	420.000	J	0	0	ug/Kg
			Total Tics :		**1,540.00**				
			Total Concentration:		**1,740.00**				

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3586

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170478BL	PB170478BL	2-Fluorophenol	150	115	77		30 (10)	130 (105)
		Phenol-d6	150	118	79		30 (10)	130 (103)
		Nitrobenzene-d5	100	83.0	83		30 (10)	130 (108)
		2-Fluorobiphenyl	100	79.8	80		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	126	84		30 (10)	130 (116)
		Terphenyl-d14	100	84.5	85		30 (10)	130 (109)
PB170478BS	PB170478BS	2-Fluorophenol	150	115	76		30 (10)	130 (105)
		Phenol-d6	150	112	75		30 (10)	130 (103)
		Nitrobenzene-d5	100	83.4	83		30 (10)	130 (108)
		2-Fluorobiphenyl	100	79.0	79		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	121	81		30 (10)	130 (116)
		Terphenyl-d14	100	82.9	83		30 (10)	130 (109)
Q3586-01	SED-1	2-Fluorophenol	150	118	78		30 (10)	130 (105)
		Phenol-d6	150	120	80		30 (10)	130 (103)
		Nitrobenzene-d5	100	86.3	86		30 (10)	130 (108)
		2-Fluorobiphenyl	100	84.3	84		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	126	84		30 (10)	130 (116)
		Terphenyl-d14	100	70.3	70		30 (10)	130 (109)
Q3586-02	SED-2	2-Fluorophenol	150	137	91		30 (10)	130 (105)
		Phenol-d6	150	135	90		30 (10)	130 (103)
		Nitrobenzene-d5	100	91.4	91		30 (10)	130 (108)
		2-Fluorobiphenyl	100	79.1	79		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	166	111		30 (10)	130 (116)
		Terphenyl-d14	100	75.5	75		30 (10)	130 (109)
Q3586-03	SED-3	2-Fluorophenol	150	120	80		30 (10)	130 (105)
		Phenol-d6	150	117	78		30 (10)	130 (103)
		Nitrobenzene-d5	100	83.7	84		30 (10)	130 (108)
		2-Fluorobiphenyl	100	75.2	75		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	146	98		30 (10)	130 (116)
		Terphenyl-d14	100	73.9	74		30 (10)	130 (109)
Q3586-03MS	SED-3MS	2-Fluorophenol	150	99.1	66		30 (10)	130 (105)
		Phenol-d6	150	98.9	66		30 (10)	130 (103)
		Nitrobenzene-d5	100	66.8	67		30 (10)	130 (108)
		2-Fluorobiphenyl	100	58.7	59		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	117	78		30 (10)	130 (116)
		Terphenyl-d14	100	60.4	60		30 (10)	130 (109)
Q3586-03MSD	SED-3MSD	2-Fluorophenol	150	105	70		30 (10)	130 (105)
		Phenol-d6	150	106	71		30 (10)	130 (103)
		Nitrobenzene-d5	100	68.1	68		30 (10)	130 (108)
		2-Fluorobiphenyl	100	61.7	62		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	119	79		30 (10)	130 (116)
		Terphenyl-d14	100	62.3	62		30 (10)	130 (109)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3586 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026093.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q3586-03MS		**Client Sample ID: SED-3MS**									
Benzaldehyde	3300	0	2600	ug/Kg	79				20 (20)	160 (111)	
Phenol	3300	0	3000	ug/Kg	91				20 (51)	160 (122)	
bis(2-Chloroethyl)ether	3300	0	2700	ug/Kg	82				70 (67)	130 (110)	
2-Chlorophenol	3300	0	3100	ug/Kg	94				70 (67)	130 (119)	
2-Methylphenol	3300	0	3000	ug/Kg	91				70 (68)	130 (116)	
2,2-oxybis(1-Chloropropane)	3300	0	2500	ug/Kg	76				70 (59)	130 (113)	
Acetophenone	3300	0	2900	ug/Kg	88				70 (55)	130 (128)	
3+4-Methylphenols	3300	0	2900	ug/Kg	88				20 (70)	160 (111)	
N-Nitroso-di-n-propylamine	3300	0	2800	ug/Kg	85				70 (59)	130 (119)	
Hexachloroethane	3300	0	2900	ug/Kg	88				20 (65)	160 (115)	
Nitrobenzene	3300	0	3000	ug/Kg	91				70 (66)	130 (120)	
Isophorone	3300	0	2800	ug/Kg	85				70 (67)	130 (113)	
2-Nitrophenol	3300	0	4100	ug/Kg	124				70 (69)	130 (135)	
2,4-Dimethylphenol	3300	0	3300	ug/Kg	100				70 (63)	130 (151)	
bis(2-Chloroethoxy)methane	3300	0	2800	ug/Kg	85				70 (70)	130 (112)	
2,4-Dichlorophenol	3300	0	3200	ug/Kg	97				70 (70)	130 (121)	
Naphthalene	3300	0	2800	ug/Kg	85				70 (66)	130 (113)	
4-Chloroaniline	3300	0	1300	ug/Kg	39	*			70 (10)	130 (100)	
Hexachlorobutadiene	3300	0	2900	ug/Kg	88				70 (67)	130 (118)	
Caprolactam	3300	0	3200	ug/Kg	97				20 (51)	160 (134)	
4-Chloro-3-methylphenol	3300	0	3200	ug/Kg	97				70 (71)	130 (118)	
2-Methylnaphthalene	3300	0	2600	ug/Kg	79				70 (59)	130 (123)	
Hexachlorocyclopentadiene	6500	0	8600	ug/Kg	132				20 (16)	160 (175)	
2,4,6-Trichlorophenol	3300	0	3400	ug/Kg	103				70 (67)	130 (128)	
2,4,5-Trichlorophenol	3300	0	3300	ug/Kg	100				70 (69)	130 (123)	
1,1-Biphenyl	3300	0	2800	ug/Kg	85				70 (69)	130 (126)	
2-Chloronaphthalene	3300	0	2800	ug/Kg	85				70 (71)	130 (113)	
2-Nitroaniline	3300	0	3100	ug/Kg	94				70 (73)	130 (125)	
Dimethylphthalate	3300	0	2900	ug/Kg	88				70 (72)	130 (116)	
Acenaphthylene	3300	0	3300	ug/Kg	100				70 (69)	130 (128)	
2,6-Dinitrotoluene	3300	0	3400	ug/Kg	103				70 (67)	130 (141)	
3-Nitroaniline	3300	0	1900	ug/Kg	58	*			70 (28)	130 (102)	
Acenaphthene	3300	0	2700	ug/Kg	82				70 (70)	130 (121)	
2,4-Dinitrophenol	6500	0	7200	ug/Kg	111				20 (10)	160 (164)	
4-Nitrophenol	6500	0	6800	ug/Kg	105				20 (49)	160 (133)	
Dibenzofuran	3300	0	2800	ug/Kg	85				70 (71)	130 (111)	
2,4-Dinitrotoluene	3300	0	3400	ug/Kg	103				70 (73)	130 (130)	
Diethylphthalate	3300	0	3000	ug/Kg	91				70 (73)	130 (116)	
4-Chlorophenyl-phenylether	3300	0	2800	ug/Kg	85				70 (72)	130 (112)	
Fluorene	3300	0	2900	ug/Kg	88				70 (67)	130 (114)	
4-Nitroaniline	3300	0	3400	ug/Kg	103				70 (61)	130 (128)	
4,6-Dinitro-2-methylphenol	3300	0	4000	ug/Kg	121				70 (25)	130 (163)	
N-Nitrosodiphenylamine	3300	0	2900	ug/Kg	88				70 (73)	130 (118)	
4-Bromophenyl-phenylether	3300	0	2900	ug/Kg	88				70 (65)	130 (121)	
Hexachlorobenzene	3300	0	2900	ug/Kg	88				70 (67)	130 (118)	
Atrazine	3300	0	3300	ug/Kg	100				70 (79)	130 (127)	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3586 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026093.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	6500	0	6900	ug/Kg	106				20 (39)	160 (145)	
Phenanthrene	3300	0	2800	ug/Kg	85				70 (52)	130 (128)	
Anthracene	3300	0	2900	ug/Kg	88				70 (62)	130 (124)	
Carbazole	3300	0	3000	ug/Kg	91				70 (73)	130 (115)	
Di-n-butylphthalate	3300	0	3200	ug/Kg	97				70 (72)	130 (129)	
Fluoranthene	3300	0	3000	ug/Kg	91				70 (31)	130 (152)	
Pyrene	3300	0	2800	ug/Kg	85				70 (37)	130 (122)	
Butylbenzylphthalate	3300	0	3300	ug/Kg	100				70 (59)	130 (151)	
3,3-Dichlorobenzidine	3300	0	2200	ug/Kg	67	*			70 (10)	130 (116)	
Benzo(a)anthracene	3300	0	2900	ug/Kg	88				70 (53)	130 (119)	
Chrysene	3300	0	2900	ug/Kg	88				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	3300	200	3100	ug/Kg	88				70 (64)	130 (139)	
Di-n-octyl phthalate	3300	0	3700	ug/Kg	112				70 (51)	130 (156)	
Benzo(b)fluoranthene	3300	0	2800	ug/Kg	85				70 (52)	130 (117)	
Benzo(k)fluoranthene	3300	0	2800	ug/Kg	85				70 (57)	130 (134)	
Benzo(a)pyrene	3300	0	3000	ug/Kg	91				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	3300	0	3000	ug/Kg	91				70 (48)	130 (129)	
Dibenz(a,h)anthracene	3300	0	3000	ug/Kg	91				70 (43)	130 (123)	
Benzo(g,h,i)perylene	3300	0	3100	ug/Kg	94				70 (40)	130 (133)	
1,2,4,5-Tetrachlorobenzene	3300	0	2800	ug/Kg	85				70 (65)	130 (132)	
1,4-Dioxane	3300	0	2500	ug/Kg	76				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	3300	0	3700	ug/Kg	112				70 (56)	130 (141)	

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Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: Q3586 **Analytical Method:** SW8270E
Client: Remington & Vernick Engineers **DataFile:** BP026094.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3586-03MSD		**Client Sample ID: SED-3MSD**									
Benzaldehyde	3300	0	2700	ug/Kg	82		4		20 (20)	160 (111)	30 (20)
Phenol	3300	0	3200	ug/Kg	97		6		20 (51)	160 (122)	30 (20)
bis(2-Chloroethyl)ether	3300	0	2900	ug/Kg	88		7		70 (67)	130 (110)	30 (20)
2-Chlorophenol	3300	0	3300	ug/Kg	100		6		70 (67)	130 (119)	30 (20)
2-Methylphenol	3300	0	3200	ug/Kg	97		6		70 (68)	130 (116)	30 (20)
2,2-oxybis(1-Chloropropane)	3300	0	2600	ug/Kg	79		4		70 (59)	130 (113)	30 (20)
Acetophenone	3300	0	3000	ug/Kg	91		3		70 (55)	130 (128)	30 (20)
3+4-Methylphenols	3300	0	3200	ug/Kg	97		10		20 (70)	160 (111)	30 (20)
N-Nitroso-di-n-propylamine	3300	0	3000	ug/Kg	91		7		70 (59)	130 (119)	30 (20)
Hexachloroethane	3300	0	3100	ug/Kg	94		7		20 (65)	160 (115)	30 (20)
Nitrobenzene	3300	0	3100	ug/Kg	94		3		70 (66)	130 (120)	30 (20)
Isophorone	3300	0	2900	ug/Kg	88		3		70 (67)	130 (113)	30 (20)
2-Nitrophenol	3300	0	4200	ug/Kg	127		2		70 (69)	130 (135)	30 (16)
2,4-Dimethylphenol	3300	0	3400	ug/Kg	103		3		70 (63)	130 (151)	30 (20)
bis(2-Chloroethoxy)methane	3300	0	2900	ug/Kg	88		3		70 (70)	130 (112)	30 (20)
2,4-Dichlorophenol	3300	0	3300	ug/Kg	100		3		70 (70)	130 (121)	30 (20)
Naphthalene	3300	0	2900	ug/Kg	88		3		70 (66)	130 (113)	30 (20)
4-Chloroaniline	3300	0	1200	ug/Kg	36	*	8		70 (10)	130 (100)	30 (25)
Hexachlorobutadiene	3300	0	3000	ug/Kg	91		3		70 (67)	130 (118)	30 (16)
Caprolactam	3300	0	3300	ug/Kg	100		3		20 (51)	160 (134)	30 (25)
4-Chloro-3-methylphenol	3300	0	3300	ug/Kg	100		3		70 (71)	130 (118)	30 (20)
2-Methylnaphthalene	3300	0	2700	ug/Kg	82		4		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	6500	0	9200	ug/Kg	142		7		20 (16)	160 (175)	30 (20)
2,4,6-Trichlorophenol	3300	0	3500	ug/Kg	106		3		70 (67)	130 (128)	30 (16)
2,4,5-Trichlorophenol	3300	0	3400	ug/Kg	103		3		70 (69)	130 (123)	30 (16)
1,1-Biphenyl	3300	0	2900	ug/Kg	88		3		70 (69)	130 (126)	30 (20)
2-Chloronaphthalene	3300	0	2900	ug/Kg	88		3		70 (71)	130 (113)	30 (20)
2-Nitroaniline	3300	0	3300	ug/Kg	100		6		70 (73)	130 (125)	30 (16)
Dimethylphthalate	3300	0	3000	ug/Kg	91		3		70 (72)	130 (116)	30 (20)
Acenaphthylene	3300	0	3400	ug/Kg	103		3		70 (69)	130 (128)	30 (15)
2,6-Dinitrotoluene	3300	0	3500	ug/Kg	106		3		70 (67)	130 (141)	30 (20)
3-Nitroaniline	3300	0	1900	ug/Kg	58	*	0		70 (28)	130 (102)	30 (20)
Acenaphthene	3300	0	3300	ug/Kg	100		20		70 (70)	130 (121)	30 (16)
2,4-Dinitrophenol	6500	0	7200	ug/Kg	111		0		20 (10)	160 (164)	30 (30)
4-Nitrophenol	6500	0	6700	ug/Kg	103		2		20 (49)	160 (133)	30 (20)
Dibenzofuran	3300	0	2900	ug/Kg	88		3		70 (71)	130 (111)	30 (20)
2,4-Dinitrotoluene	3300	0	3400	ug/Kg	103		0		70 (73)	130 (130)	30 (20)
Diethylphthalate	3300	0	3000	ug/Kg	91		0		70 (73)	130 (116)	30 (20)
4-Chlorophenyl-phenylether	3300	0	2900	ug/Kg	88		3		70 (72)	130 (112)	30 (20)
Fluorene	3300	0	3000	ug/Kg	91		3		70 (67)	130 (114)	30 (20)
4-Nitroaniline	3300	0	3400	ug/Kg	103		0		70 (61)	130 (128)	30 (20)
4,6-Dinitro-2-methylphenol	3300	0	4100	ug/Kg	124		2		70 (25)	130 (163)	30 (30)
N-Nitrosodiphenylamine	3300	0	3000	ug/Kg	91		3		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	3300	0	3100	ug/Kg	94		7		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	3300	0	3100	ug/Kg	94		7		70 (67)	130 (118)	30 (20)
Atrazine	3300	0	3400	ug/Kg	103		3		70 (79)	130 (127)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3586 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026094.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	6500	0	7100	ug/Kg	109		3		20 (39)	160 (145)	30 (20)
Phenanthrene	3300	0	2900	ug/Kg	88		3		70 (52)	130 (128)	30 (20)
Anthracene	3300	0	3000	ug/Kg	91		3		70 (62)	130 (124)	30 (20)
Carbazole	3300	0	3000	ug/Kg	91		0		70 (73)	130 (115)	30 (20)
Di-n-butylphthalate	3300	0	3200	ug/Kg	97		0		70 (72)	130 (129)	30 (20)
Fluoranthene	3300	0	3000	ug/Kg	91		0		70 (31)	130 (152)	30 (20)
Pyrene	3300	0	2900	ug/Kg	88		3		70 (37)	130 (122)	30 (27)
Butylbenzylphthalate	3300	0	3400	ug/Kg	103		3		70 (59)	130 (151)	30 (20)
3,3-Dichlorobenzidine	3300	0	2400	ug/Kg	73		9		70 (10)	130 (116)	30 (20)
Benzo(a)anthracene	3300	0	3000	ug/Kg	91		3		70 (53)	130 (119)	30 (20)
Chrysene	3300	0	2900	ug/Kg	88		0		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	3300	200	3100	ug/Kg	88		0		70 (64)	130 (139)	30 (20)
Di-n-octyl phthalate	3300	0	3900	ug/Kg	118		5		70 (51)	130 (156)	30 (20)
Benzo(b)fluoranthene	3300	0	3000	ug/Kg	91		7		70 (52)	130 (117)	30 (20)
Benzo(k)fluoranthene	3300	0	2900	ug/Kg	88		3		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	3300	0	3100	ug/Kg	94		3		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	3300	0	3100	ug/Kg	94		3		70 (48)	130 (129)	30 (20)
Dibenz(a,h)anthracene	3300	0	3100	ug/Kg	94		3		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	3300	0	3200	ug/Kg	97		3		70 (40)	130 (133)	30 (20)
1,2,4,5-Tetrachlorobenzene	3300	0	2900	ug/Kg	88		3		70 (65)	130 (132)	30 (20)
1,4-Dioxane	3300	0	2500	ug/Kg	76		0		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	3300	0	3800	ug/Kg	115		3		70 (56)	130 (141)	30 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3586**	**Analytical Method:**	**8270E**
Client:	**Remington & Vernick Engineers**	**DataFile:**	BF144200.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170478BS	Benzaldehyde	1700	1100	ug/Kg	65				20 (10)	160 (133)	
	Phenol	1700	1400	ug/Kg	82				20 (62)	160 (112)	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				70 (60)	130 (101)	
	2-Chlorophenol	1700	1400	ug/Kg	82				70 (65)	130 (112)	
	2-Methylphenol	1700	1400	ug/Kg	82				70 (74)	130 (105)	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				70 (51)	130 (100)	
	Acetophenone	1700	1600	ug/Kg	94				70 (66)	130 (98)	
	3+4-Methylphenols	1700	1400	ug/Kg	82				20 (58)	160 (111)	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				70 (63)	130 (95)	
	Hexachloroethane	1700	1400	ug/Kg	82				20 (72)	160 (108)	
	Nitrobenzene	1700	1500	ug/Kg	88				70 (75)	130 (100)	
	Isophorone	1700	1500	ug/Kg	88				70 (59)	130 (99)	
	2-Nitrophenol	1700	1500	ug/Kg	88				70 (75)	130 (113)	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				70 (61)	130 (130)	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				70 (66)	130 (97)	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				70 (62)	130 (107)	
	Naphthalene	1700	1500	ug/Kg	88				70 (62)	130 (100)	
	4-Chloroaniline	1700	850	ug/Kg	50		*		70 (16)	130 (100)	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				70 (68)	130 (108)	
	Caprolactam	1700	1500	ug/Kg	88				20 (67)	160 (110)	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				70 (74)	130 (106)	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				70 (60)	130 (104)	
	Hexachlorocyclopentadiene	3300	3000	ug/Kg	91				20 (45)	160 (165)	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				70 (59)	130 (102)	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				70 (74)	130 (110)	
	1,1-Biphenyl	1700	1600	ug/Kg	94				70 (71)	130 (110)	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				70 (70)	130 (103)	
	2-Nitroaniline	1700	1500	ug/Kg	88				70 (66)	130 (101)	
	Dimethylphthalate	1700	1500	ug/Kg	88				70 (76)	130 (101)	
	Acenaphthylene	1700	1600	ug/Kg	94				70 (76)	130 (111)	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				70 (78)	130 (116)	
	3-Nitroaniline	1700	1000	ug/Kg	59		*		70 (28)	130 (100)	
	Acenaphthene	1700	1300	ug/Kg	76				70 (73)	130 (105)	
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				20 (59)	160 (137)	
	4-Nitrophenol	3300	2600	ug/Kg	79				20 (60)	160 (124)	
	Dibenzofuran	1700	1400	ug/Kg	82				70 (63)	130 (99)	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				70 (78)	130 (115)	
	Diethylphthalate	1700	1500	ug/Kg	88				70 (76)	130 (104)	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				70 (73)	130 (101)	
	Fluorene	1700	1500	ug/Kg	88				70 (75)	130 (99)	
	4-Nitroaniline	1700	1500	ug/Kg	88				70 (64)	130 (103)	
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				70 (76)	130 (113)	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				70 (71)	130 (99)	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				70 (66)	130 (102)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3586 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144200.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170478BS	Hexachlorobenzene	1700	1500	ug/Kg	88				70 (64)	130 (98)	
	Atrazine	1700	1600	ug/Kg	94				70 (71)	130 (122)	
	Pentachlorophenol	3300	3100	ug/Kg	94				20 (56)	160 (129)	
	Phenanthrene	1700	1500	ug/Kg	88				70 (75)	130 (100)	
	Anthracene	1700	1500	ug/Kg	88				70 (75)	130 (103)	
	Carbazole	1700	1500	ug/Kg	88				70 (76)	130 (103)	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				70 (76)	130 (110)	
	Fluoranthene	1700	1400	ug/Kg	82				70 (73)	130 (105)	
	Pyrene	1700	1500	ug/Kg	88				70 (59)	130 (103)	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				70 (75)	130 (120)	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				70 (31)	130 (94)	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				70 (75)	130 (104)	
	Chrysene	1700	1500	ug/Kg	88				70 (75)	130 (103)	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				70 (77)	130 (113)	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				70 (76)	130 (110)	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				70 (62)	130 (109)	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				70 (75)	130 (108)	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				70 (79)	130 (109)	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				70 (63)	130 (101)	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				70 (61)	130 (112)	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70 (70)	130 (108)	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				70 (53)	130 (101)	
	1,4-Dioxane	1700	1200	ug/Kg	71				20 (50)	160 (96)	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				70 (71)	130 (118)	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170478BL

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3586

Lab File ID: BF144199.D Lab Sample ID: PB170478BL

Instrument ID: BNA_F Date Extracted: 11/11/2025

Matrix: (soil/water) SOIL Date Analyzed: 11/11/2025

Level: (low/med) LOW Time Analyzed: 13:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170478BS	PB170478BS	BF144200.D	11/11/2025
SED-1	Q3586-01	BF144201.D	11/11/2025
SED-3	Q3586-03	BP026092.D	11/11/2025
SED-3MS	Q3586-03MS	BP026093.D	11/11/2025
SED-2	Q3586-02	BP026098.D	11/11/2025
SED-3MSD	Q3586-03MSD	BP026094.D	11/11/2025

COMMENTS:

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5B
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance　　Contract: REMI02

Lab Code: ACE　　SDG NO.: Q3586

Lab File ID: BF144168.D　　DFTPP Injection Date: 11/05/2025

Instrument ID: BNA_F　　DFTPP Injection Time: 12:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	24.5
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 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	BF144169.D	11/05/2025	12:50
SSTDICC005	SSTDICC005	BF144170.D	11/05/2025	13:20
SSTDICC010	SSTDICC010	BF144171.D	11/05/2025	13:50
SSTDICC020	SSTDICC020	BF144172.D	11/05/2025	14:20
SSTDICCC040	SSTDICCC040	BF144173.D	11/05/2025	14:50
SSTDICC050	SSTDICC050	BF144174.D	11/05/2025	15:49
SSTDICC060	SSTDICC060	BF144175.D	11/05/2025	16:19
SSTDICC080	SSTDICC080	BF144176.D	11/05/2025	16:49

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3586

Lab File ID: BF144197.D DFTPP Injection Date: 11/11/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.2) 1
69	Mass 69 relative abundance	23.5
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.7 (18.7) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF144198.D	11/11/2025	10:09
PB170478BL	PB170478BL	BF144199.D	11/11/2025	13:07
PB170478BS	PB170478BS	BF144200.D	11/11/2025	13:36
SED-1	Q3586-01	BF144201.D	11/11/2025	14:09

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3586

Lab File ID: BP026027.D

DFTPP Injection Date: 10/29/2025

Instrument ID: BNA_P

DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	32.9
70	Less than 2.0% of mass 69	0.1 (0.4) 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	6.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	75
443	15.0 - 24.0% of mass 442	14.4 (19.2) 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	BP026028.D	10/29/2025	09:26
SSTDICC005	SSTDICC005	BP026029.D	10/29/2025	10:07
SSTDICC010	SSTDICC010	BP026030.D	10/29/2025	10:48
SSTDICC020	SSTDICC020	BP026031.D	10/29/2025	11:29
SSTDICCC040	SSTDICCC040	BP026032.D	10/29/2025	12:10
SSTDICC050	SSTDICC050	BP026033.D	10/29/2025	12:51
SSTDICC060	SSTDICC060	BP026034.D	10/29/2025	13:32
SSTDICC080	SSTDICC080	BP026035.D	10/29/2025	14:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance　　Contract: REMI02

Lab Code: ACE　　SDG NO.: Q3586

Lab File ID: BP026089.D　　DFTPP Injection Date: 11/11/2025

Instrument ID: BNA_P　　DFTPP Injection Time: 14:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	29.8
70	Less than 2.0% of mass 69	0.1 (0.3) 1
197	Less than 2.0% of mass 198	0.3
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	3.5
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	91.8
443	15.0 - 24.0% of mass 442	17.6 (19.2) 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	BP026090.D	11/11/2025	14:44
SED-3	Q3586-03	BP026092.D	11/11/2025	16:11
SED-3MS	Q3586-03MS	BP026093.D	11/11/2025	16:52
SED-3MSD	Q3586-03MSD	BP026094.D	11/11/2025	17:33
SED-2	Q3586-02	BP026098.D	11/11/2025	20:18

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3586

Client ID : SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BF144198.D Time Analyzed: 10:09

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	73404	6.875	271454	8.16	150816	9.92
	UPPER LIMIT	146808	7.375	542908	8.657	301632	10.416
	LOWER LIMIT	36702	6.375	135727	7.657	75408	9.416
	EPA SAMPLE NO.						
01	PB170478BL	80148	6.88	308933	8.16	180668	9.92
02	PB170478BS	75320	6.88	282587	8.16	160149	9.92
03	SED-1	66900	6.88	248822	8.16	132870	9.92

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.: Q3586

Client ID: SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BF144198.D Time Analyzed: 10:09

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	253608	11.41	166330	14.057	229506	15.545
	UPPER LIMIT	507216	11.91	332660	14.557	459012	16.045
	LOWER LIMIT	126804	10.91	83165	13.557	114753	15.045
	EPA SAMPLE NO.						
01	PB170478BL	336603	11.41	225293	14.06	226985	15.55
02	PB170478BS	268017	11.41	166103	14.06	208533	15.55
03	SED-1	221346	11.40	167727	14.06	213949	15.54

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.: Q3586

Client ID : SSTDCCC040   Date Analyzed: 11/11/2025

Lab File ID: BP026090.D   Time Analyzed: 14:44

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	341127	7.678	1393560	10.45	901803	14.32
	UPPER LIMIT	682254	8.178	2787120	10.949	1803610	14.819
	LOWER LIMIT	170564	7.178	696780	9.949	450902	13.819
	EPA SAMPLE NO.						
01	SED-2	249884	7.68	984033	10.44	622887	14.31
02	SED-3	318405	7.68	1214570	10.46	729423	14.32
03	SED-3MS	296222	7.68	1166340	10.45	745428	14.31
04	SED-3MSD	270854	7.67	1115780	10.44	711326	14.32

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3586

Client ID: SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BP026090.D Time Analyzed: 14:44

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	1845190	17.131	1927460	21.589	2191180	24.924
	UPPER LIMIT	3690380	17.631	3854920	22.089	4382360	25.424
	LOWER LIMIT	922595	16.631	963730	21.089	1095590	24.424
	EPA SAMPLE NO.						
01	SED-2	1353620	17.13	1635330	21.58	1941020	24.91
02	SED-3	1507920	17.13	1773560	21.58	2177400	24.92
03	SED-3MS	1549760	17.13	1762340	21.58	2068060	24.92
04	SED-3MSD	1435440	17.13	1558560	21.58	1925500	24.92

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: **BF144201.D**

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1	SDG No.:	Q3586
Lab Sample ID:	Q3586-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	62.9
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	250	U	1	250	520	ug/Kg	11/11/25 14:09	PB170478
108-95-2	Phenol	35.1	U	1	35.1	270	ug/Kg	11/11/25 14:09	PB170478
111-44-4	bis(2-Chloroethyl)ether	38.6	U	1	38.6	270	ug/Kg	11/11/25 14:09	PB170478
95-57-8	2-Chlorophenol	38.8	U	1	38.8	270	ug/Kg	11/11/25 14:09	PB170478
95-48-7	2-Methylphenol	47.5	U	1	47.5	270	ug/Kg	11/11/25 14:09	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	59.6	U	1	59.6	270	ug/Kg	11/11/25 14:09	PB170478
98-86-2	Acetophenone	46.9	U	1	46.9	270	ug/Kg	11/11/25 14:09	PB170478
65794-96-9	3+4-Methylphenols	65.3	U	1	65.3	520	ug/Kg	11/11/25 14:09	PB170478
621-64-7	n-Nitroso-di-n-propylamine	75.3	U	1	75.3	130	ug/Kg	11/11/25 14:09	PB170478
67-72-1	Hexachloroethane	28.0	U	1	28.0	270	ug/Kg	11/11/25 14:09	PB170478
98-95-3	Nitrobenzene	29.1	U	1	29.1	270	ug/Kg	11/11/25 14:09	PB170478
78-59-1	Isophorone	52.1	U	1	52.1	270	ug/Kg	11/11/25 14:09	PB170478
88-75-5	2-Nitrophenol	92.5	U	1	92.5	270	ug/Kg	11/11/25 14:09	PB170478
105-67-9	2,4-Dimethylphenol	100	U	1	100	270	ug/Kg	11/11/25 14:09	PB170478
111-91-1	bis(2-Chloroethoxy)methane	49.0	U	1	49.0	270	ug/Kg	11/11/25 14:09	PB170478
120-83-2	2,4-Dichlorophenol	45.0	U	1	45.0	270	ug/Kg	11/11/25 14:09	PB170478
91-20-3	Naphthalene	36.1	U	1	36.1	270	ug/Kg	11/11/25 14:09	PB170478
106-47-8	4-Chloroaniline	56.3	UQ	1	56.3	270	ug/Kg	11/11/25 14:09	PB170478
87-68-3	Hexachlorobutadiene	40.2	U	1	40.2	270	ug/Kg	11/11/25 14:09	PB170478
105-60-2	Caprolactam	82.8	U	1	82.8	520	ug/Kg	11/11/25 14:09	PB170478
59-50-7	4-Chloro-3-methylphenol	45.6	U	1	45.6	270	ug/Kg	11/11/25 14:09	PB170478
91-57-6	2-Methylnaphthalene	40.7	U	1	40.7	270	ug/Kg	11/11/25 14:09	PB170478
77-47-4	Hexachlorocyclopentadiene	180	U	1	180	520	ug/Kg	11/11/25 14:09	PB170478
88-06-2	2,4,6-Trichlorophenol	31.5	U	1	31.5	270	ug/Kg	11/11/25 14:09	PB170478
95-95-4	2,4,5-Trichlorophenol	46.2	U	1	46.2	270	ug/Kg	11/11/25 14:09	PB170478
92-52-4	1,1-Biphenyl	34.6	U	1	34.6	270	ug/Kg	11/11/25 14:09	PB170478
91-58-7	2-Chloronaphthalene	35.8	U	1	35.8	270	ug/Kg	11/11/25 14:09	PB170478
88-74-4	2-Nitroaniline	76.4	U	1	76.4	270	ug/Kg	11/11/25 14:09	PB170478
131-11-3	Dimethylphthalate	43.1	U	1	43.1	270	ug/Kg	11/11/25 14:09	PB170478
208-96-8	Acenaphthylene	45.9	U	1	45.9	270	ug/Kg	11/11/25 14:09	PB170478
606-20-2	2,6-Dinitrotoluene	53.4	U	1	53.4	270	ug/Kg	11/11/25 14:09	PB170478
99-09-2	3-Nitroaniline	73.1	UQ	1	73.1	270	ug/Kg	11/11/25 14:09	PB170478
83-32-9	Acenaphthene	33.9	U	1	33.9	270	ug/Kg	11/11/25 14:09	PB170478
51-28-5	2,4-Dinitrophenol	360	U	1	360	520	ug/Kg	11/11/25 14:09	PB170478
100-02-7	4-Nitrophenol	170	U	1	170	520	ug/Kg	11/11/25 14:09	PB170478
132-64-9	Dibenzofuran	36.1	U	1	36.1	270	ug/Kg	11/11/25 14:09	PB170478
121-14-2	2,4-Dinitrotoluene	79.6	U	1	79.6	270	ug/Kg	11/11/25 14:09	PB170478
84-66-2	Diethylphthalate	45.0	U	1	45.0	270	ug/Kg	11/11/25 14:09	PB170478
7005-72-3	4-Chlorophenyl-phenylether	42.4	U	1	42.4	270	ug/Kg	11/11/25 14:09	PB170478
86-73-7	Fluorene	40.2	U	1	40.2	270	ug/Kg	11/11/25 14:09	PB170478
100-01-6	4-Nitroaniline	100	U	1	100	270	ug/Kg	11/11/25 14:09	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	160	U	1	160	520	ug/Kg	11/11/25 14:09	PB170478

Raw Data: **BF144201.D**

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-1			SDG No.:	Q3586
Lab Sample ID:	Q3586-01			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	62.9
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	52.3	U	1	52.3	270	ug/Kg	11/11/25 14:09	PB170478
101-55-3	4-Bromophenyl-phenylether	44.2	U	1	44.2	270	ug/Kg	11/11/25 14:09	PB170478
118-74-1	Hexachlorobenzene	40.2	U	1	40.2	270	ug/Kg	11/11/25 14:09	PB170478
1912-24-9	Atrazine	54.0	U	1	54.0	270	ug/Kg	11/11/25 14:09	PB170478
87-86-5	Pentachlorophenol	81.5	U	1	81.5	520	ug/Kg	11/11/25 14:09	PB170478
85-01-8	Phenanthrene	33.2	U	1	33.2	270	ug/Kg	11/11/25 14:09	PB170478
120-12-7	Anthracene	52.9	U	1	52.9	270	ug/Kg	11/11/25 14:09	PB170478
86-74-8	Carbazole	49.6	U	1	49.6	270	ug/Kg	11/11/25 14:09	PB170478
84-74-2	Di-n-butylphthalate	76.1	U	1	76.1	270	ug/Kg	11/11/25 14:09	PB170478
206-44-0	Fluoranthene	47.7	U	1	47.7	270	ug/Kg	11/11/25 14:09	PB170478
129-00-0	Pyrene	57.2	U	1	57.2	270	ug/Kg	11/11/25 14:09	PB170478
85-68-7	Butylbenzylphthalate	110	U	1	110	270	ug/Kg	11/11/25 14:09	PB170478
91-94-1	3,3-Dichlorobenzidine	58.3	U	1	58.3	520	ug/Kg	11/11/25 14:09	PB170478
56-55-3	Benzo(a)anthracene	36.6	U	1	36.6	270	ug/Kg	11/11/25 14:09	PB170478
218-01-9	Chrysene	31.6	U	1	31.6	270	ug/Kg	11/11/25 14:09	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	94.1	U	1	94.1	270	ug/Kg	11/11/25 14:09	PB170478
117-84-0	Di-n-octyl phthalate	140	U	1	140	520	ug/Kg	11/11/25 14:09	PB170478
205-99-2	Benzo(b)fluoranthene	30.2	U	1	30.2	270	ug/Kg	11/11/25 14:09	PB170478
207-08-9	Benzo(k)fluoranthene	35.6	U	1	35.6	270	ug/Kg	11/11/25 14:09	PB170478
50-32-8	Benzo(a)pyrene	46.9	U	1	46.9	270	ug/Kg	11/11/25 14:09	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	46.2	U	1	46.2	270	ug/Kg	11/11/25 14:09	PB170478
53-70-3	Dibenzo(a,h)anthracene	43.5	U	1	43.5	270	ug/Kg	11/11/25 14:09	PB170478
191-24-2	Benzo(g,h,i)perylene	40.8	U	1	40.8	270	ug/Kg	11/11/25 14:09	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	40.7	U	1	40.7	270	ug/Kg	11/11/25 14:09	PB170478
123-91-1	1,4-Dioxane	71.8	U	1	71.8	270	ug/Kg	11/11/25 14:09	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	43.5	U	1	43.5	270	ug/Kg	11/11/25 14:09	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	118			30 (10) - 130 (105)	78%	SPK: 150		
13127-88-3	Phenol-d6	120			30 (10) - 130 (103)	80%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.3			30 (10) - 130 (108)	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	84.3			30 (10) - 130 (108)	84%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	126			30 (10) - 130 (116)	84%	SPK: 150		
1718-51-0	Terphenyl-d14	70.3			30 (10) - 130 (109)	70%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	66900							
1146-65-2	Naphthalene-d8	249000							
15067-26-2	Acenaphthene-d10	133000							
1517-22-2	Phenanthrene-d10	221000							
1719-03-5	Chrysene-d12	168000							
1520-96-3	Perylene-d12	214000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	340	J			10.6	ug/Kg		
000057-10-3	n-Hexadecanoic acid	360	J			11.9	ug/Kg		

Raw Data: **BF144201.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-1			SDG No.:	Q3586
Lab Sample ID:	Q3586-01			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	62.9
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
1000406-40-9	Butyl tetracosyl ether	250	J			13.9	ug/Kg		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **BF144201.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Time: Nov 11 14:29:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.875	152	66900	20.000 ng	0.00
21) Naphthalene-d8	8.157	136	248822	20.000 ng	0.00
39) Acenaphthene-d10	9.916	164	132870	20.000 ng	0.00
64) Phenanthrene-d10	11.404	188	221346	20.000 ng	0.00
76) Chrysene-d12	14.057	240	167727	20.000 ng	0.00
86) Perylene-d12	15.539	264	213949	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.498	112	503087	117.678 ng	0.00
7) Phenol-d6	6.504	99	582365	120.223 ng	0.00
23) Nitrobenzene-d5	7.434	82	371885	86.320 ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	210459	126.223 ng	0.00
45) 2-Fluorobiphenyl	9.233	172	758037	84.261 ng	0.00
79) Terphenyl-d14	12.998	244	741841	70.254 ng	0.00

Target Compounds Qvalue

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

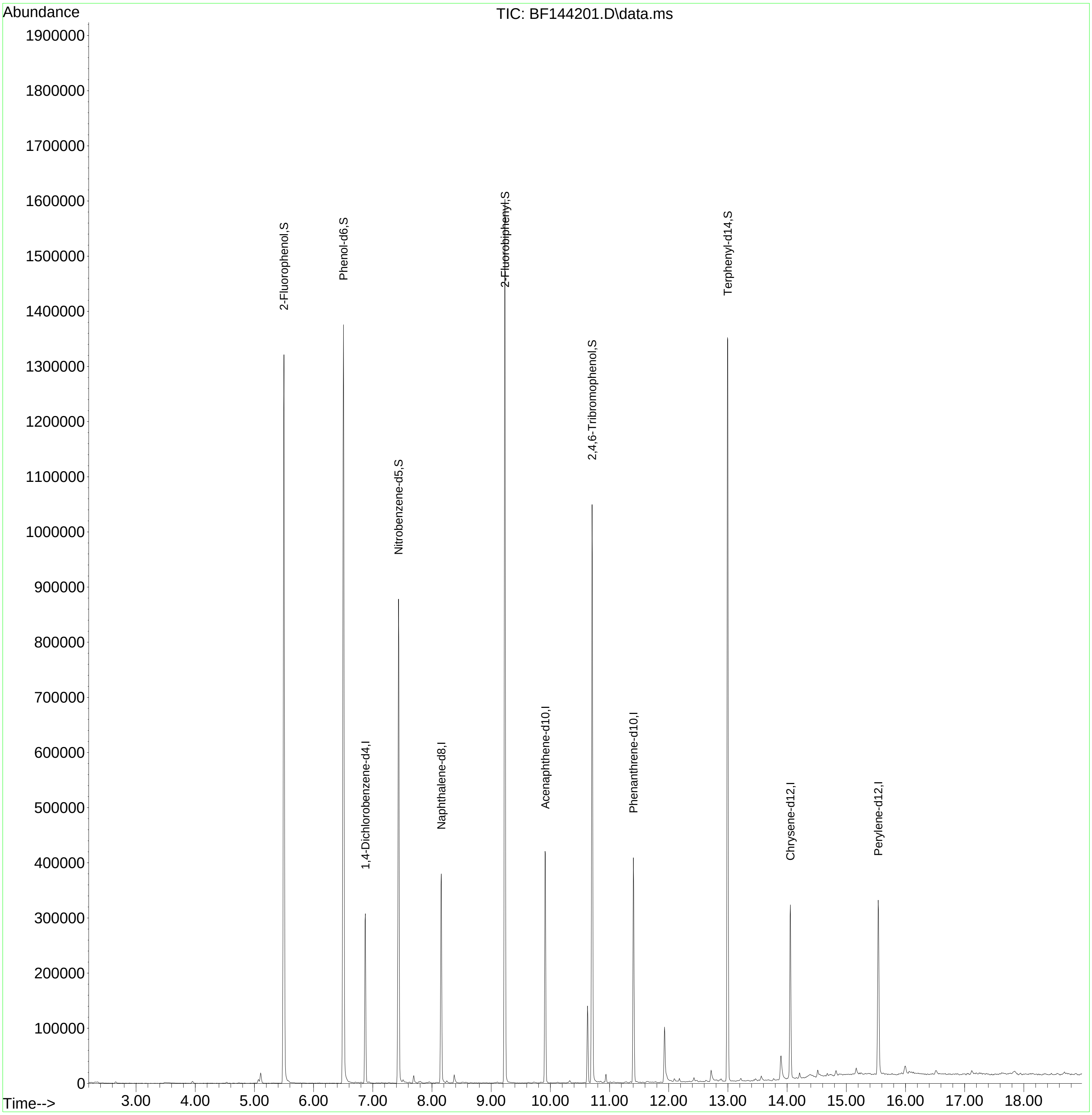
Quantitation Report (LSC Reviewed)

Sample Results: **BF144201.D**

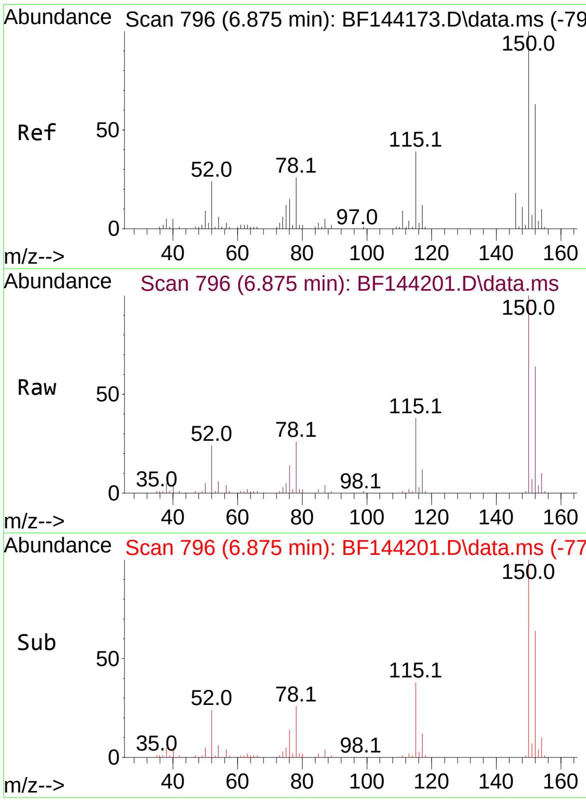
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Time: Nov 11 14:29:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



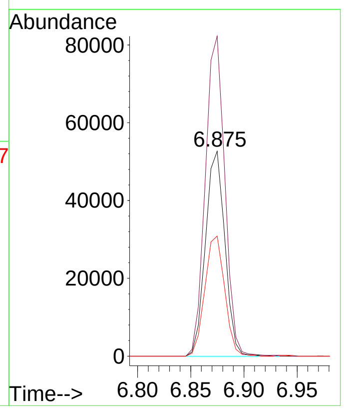
Instrument :	BNA_F
ClientSampleId :	SED-1

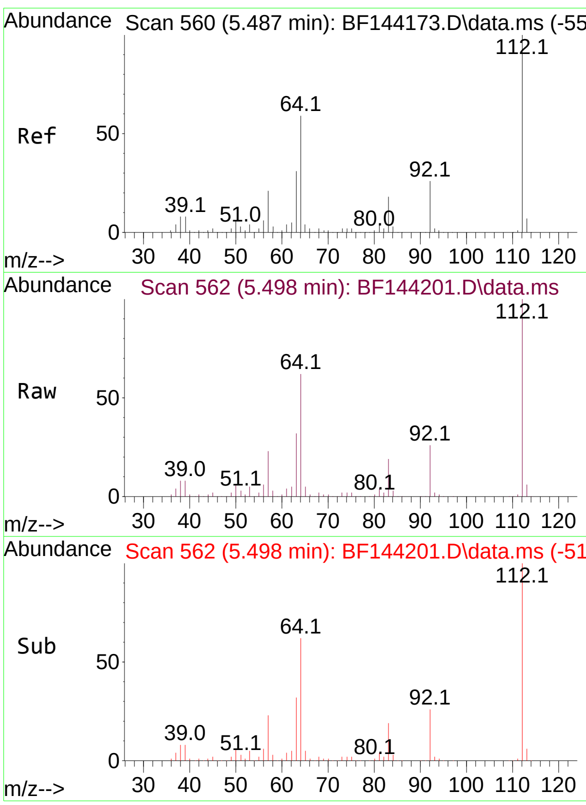


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:152 Resp: 66900

Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.4	191.0
115	58.6	49.5	74.3

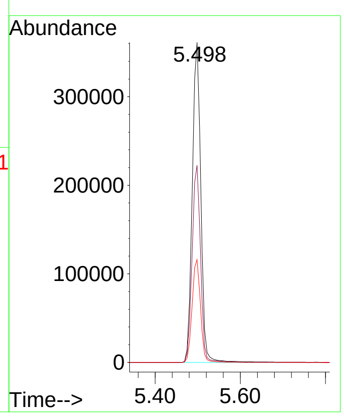




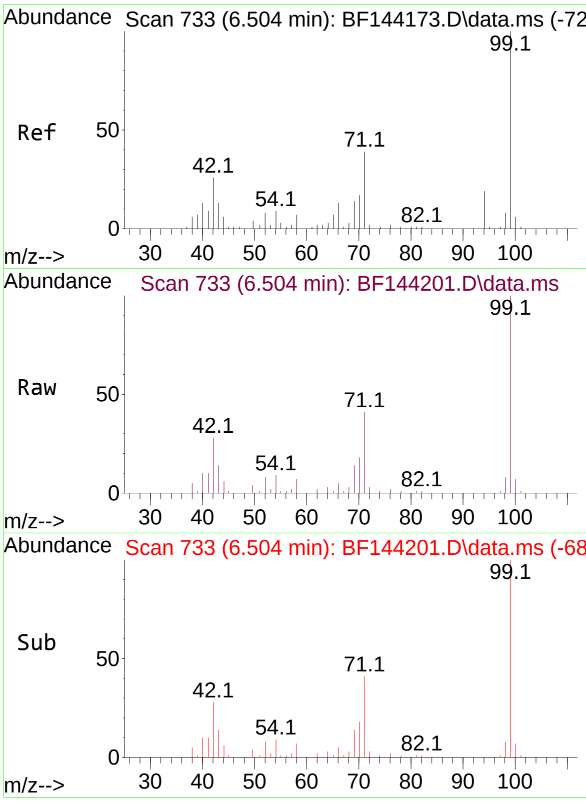
#5
2-Fluorophenol
Concen: 117.678 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:112 Resp: 503087

Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.2	70.8
63	32.1	24.4	36.6



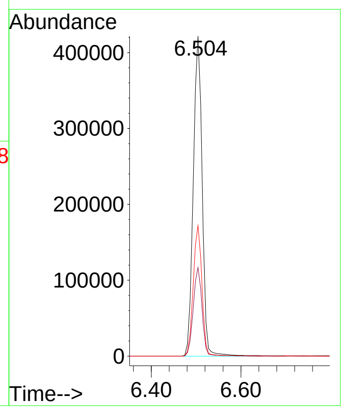
Instrument :
BNA_F
ClientSampleId :
SED-1

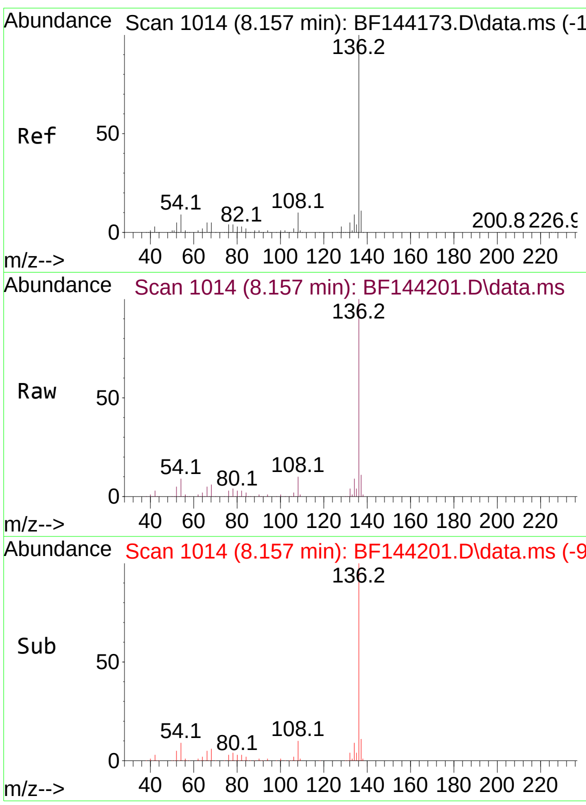


#7
Phenol-d6
Concen: 120.223 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion: 99 Resp: 582365

Ion	Ratio	Lower	Upper
99	100		
42	27.7	20.9	31.3
71	40.8	31.4	47.2

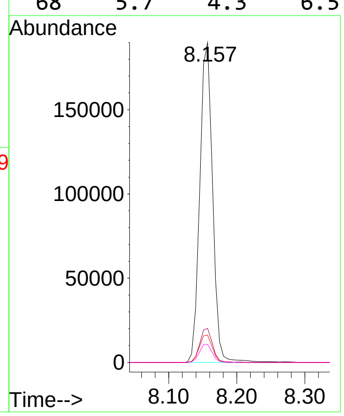




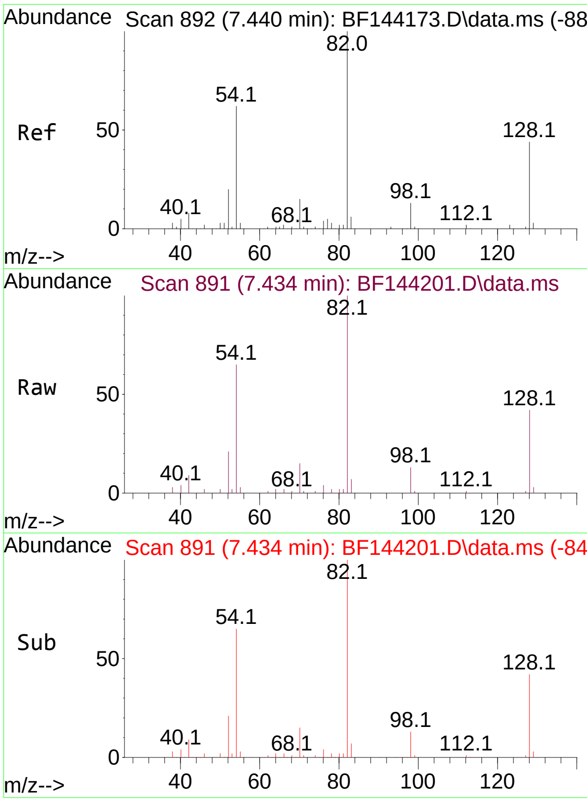
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:136 Resp: 248822

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.5	7.0	10.6
68	5.7	4.3	6.5

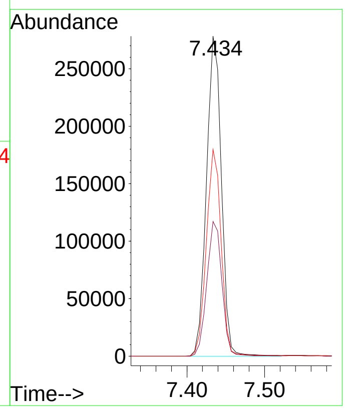


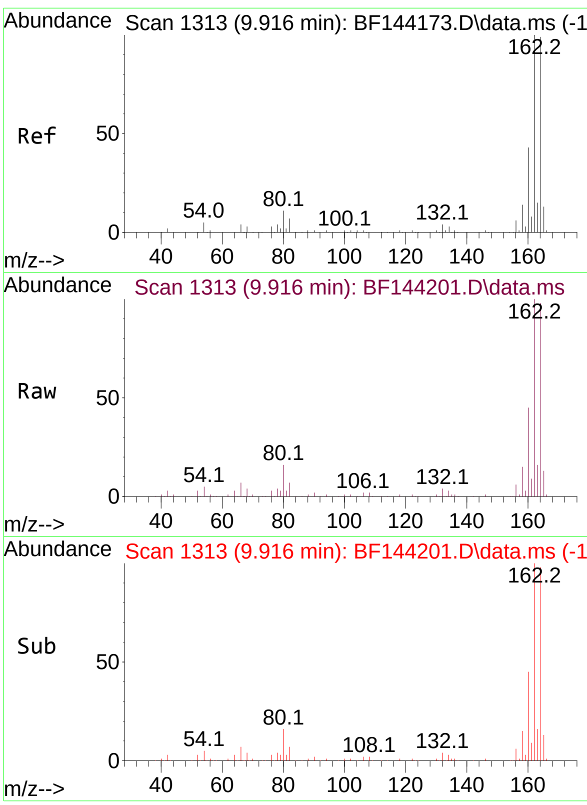
Instrument :
BNA_F
ClientSampleId :
SED-1




```
#23
Nitrobenzene-d5
Concen:   86.320 ng
RT:   7.434 min  Scan# 89
Delta R.T.  -0.000 min
Lab File:   BF144201.D
Acq: 11 Nov 2025  14:09

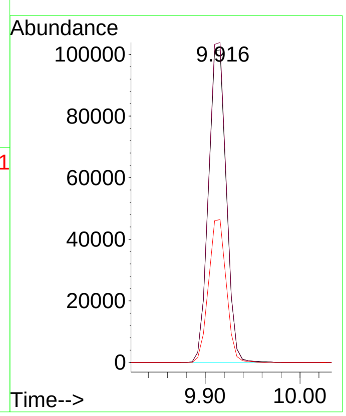
Tgt Ion: 82 Resp:  371885
Ion  Ratio  Lower  Upper
 82  100
128   42.1   34.7   52.1
 54   64.6   49.5   74.3
```



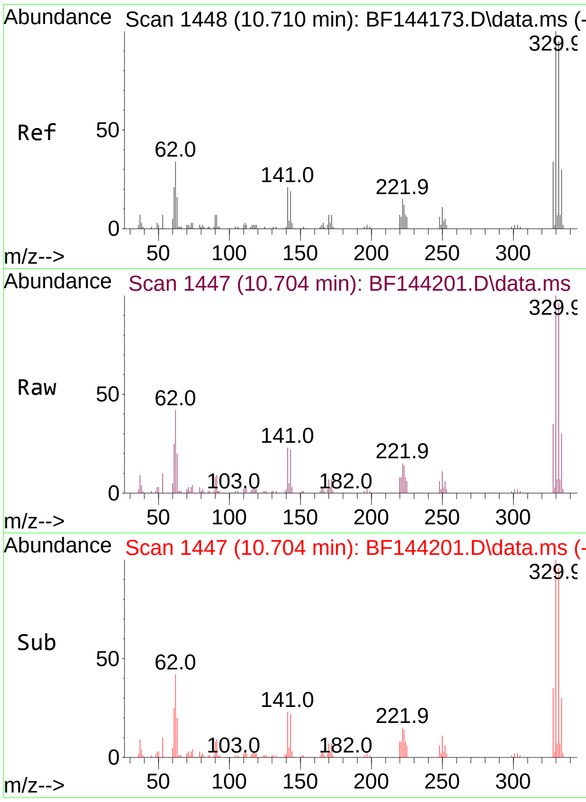



```
#39
Acenaphthene-d10
Concen:   20.000 ng
RT:   9.916 min  Scan# 1313
Delta R.T.  -0.000 min
Lab File:   BF144201.D
Acq: 11 Nov 2025  14:09

Tgt Ion:164 Resp:  132870
Ion  Ratio  Lower  Upper
164  100
162  102.4   81.1  121.7
160   45.7   34.5   51.7
```



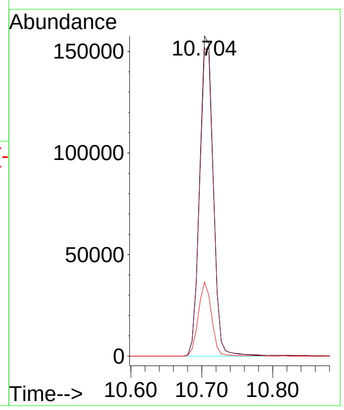
Instrument :
BNA_F
ClientSampleId :
SED-1

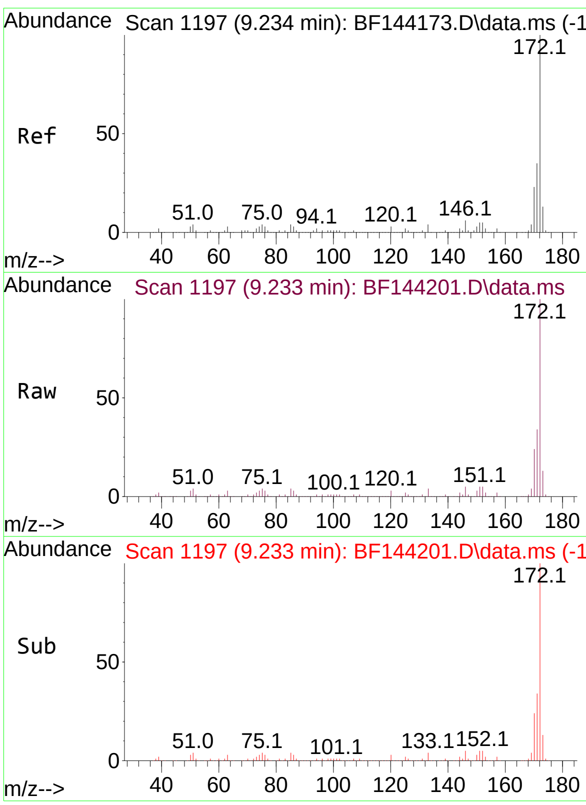


#42
2,4,6-Tribromophenol
Concen: 126.223 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:330 Resp: 210459

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.7	115.1
141	22.5	17.8	26.8

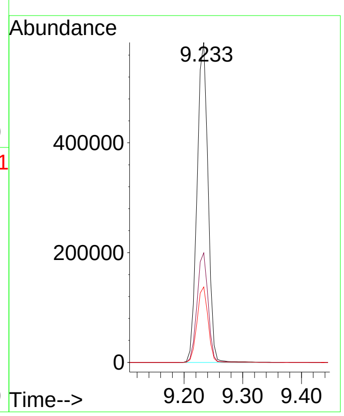




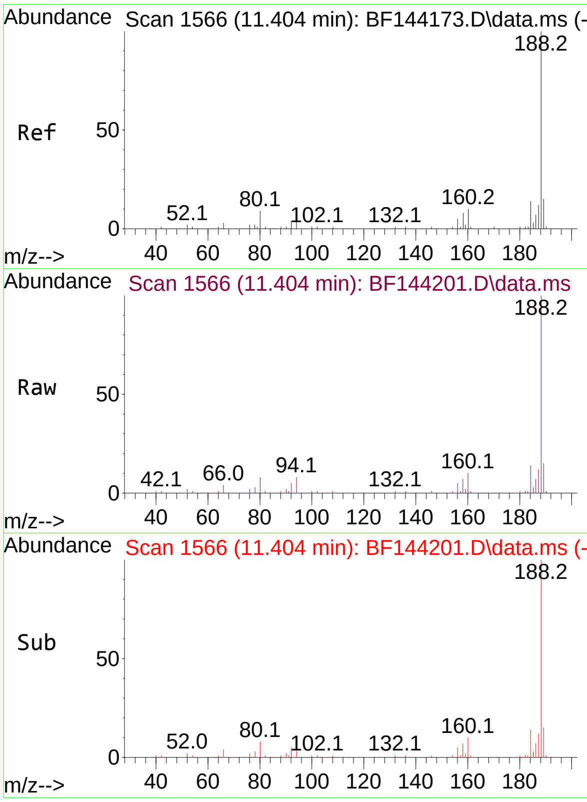
#45
2-Fluorobiphenyl
Concen: 84.261 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:172 Resp: 758037

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.1	42.1
170	23.6	18.6	28.0



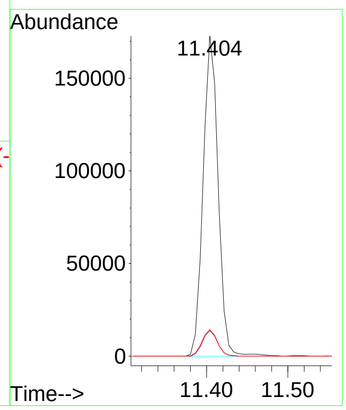
Instrument :
BNA_F
ClientSampleId :
SED-1

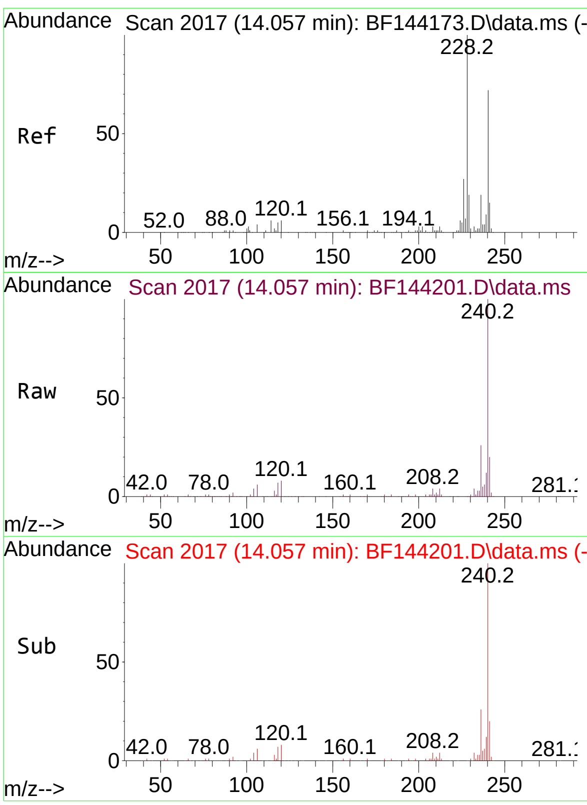


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:188 Resp: 221346

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.2	9.2
80	8.3	6.9	10.3

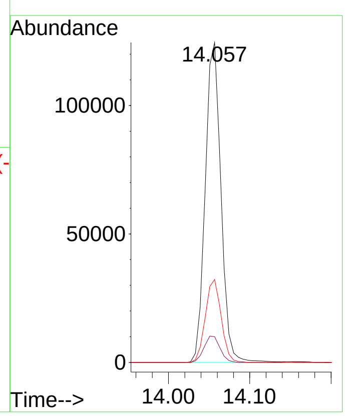




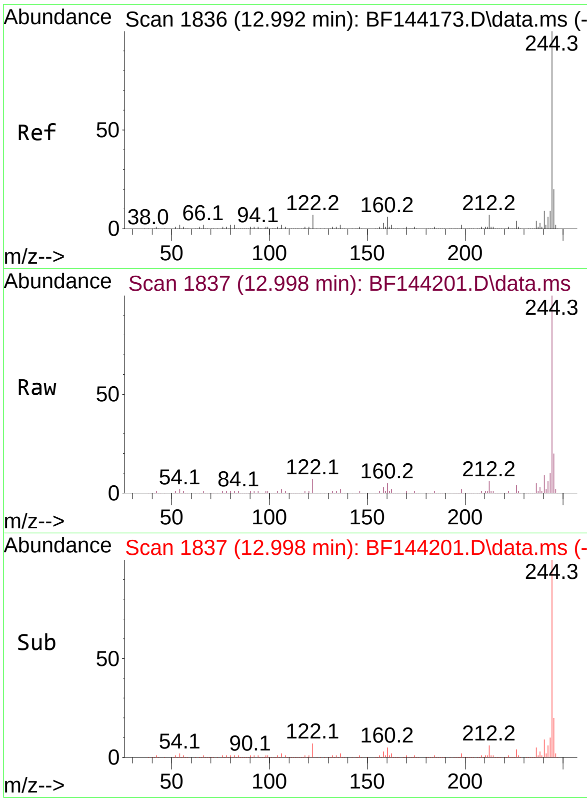
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:240 Resp: 167727

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.6	10.0
236	25.9	21.4	32.2



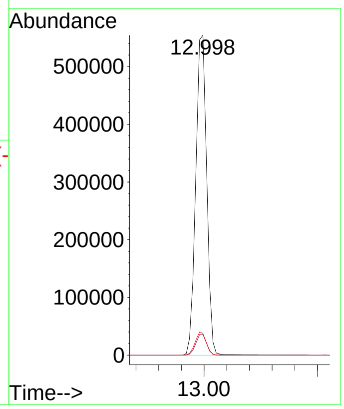
Instrument :
BNA_F
ClientSampleId :
SED-1

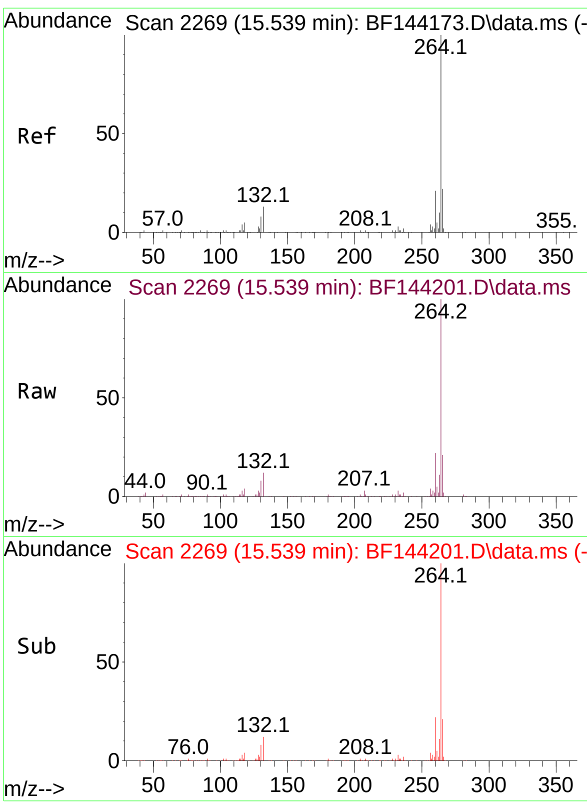


#79
Terphenyl-d14
Concen: 70.254 ng
RT: 12.998 min Scan# 18
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:244 Resp: 741841

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	6.7	5.6	8.4

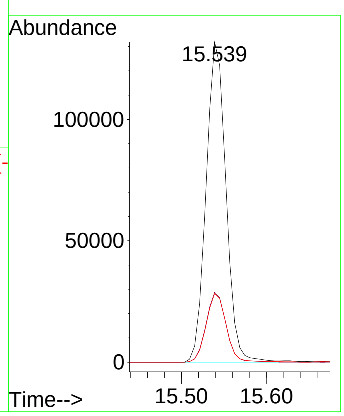




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:264 Resp: 213949

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.1	25.7
265	21.4	17.4	26.0



Sample Results: **BF144201.D**

Instrument :
BNA_F
ClientSampleId :
SED-1

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On    : 11 Nov 2025  14:09
Operator  : RC/JU
Sample    : Q3586-01
Misc      :
ALS Vial  : 5   Sample Multiplier: 1

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

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

Method    : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title     : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal     : TIC: BF144201.D\data.ms
```

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	491	495	508	rVB	18289	30055	1.45%	0.221%
2	5.498	556	562	573	rBV	1320816	1804168	86.77%	13.253%
3	6.504	727	733	748	rBV	1375412	1890063	90.90%	13.884%
4	6.875	791	796	801	rBV	306814	394228	18.96%	2.896%
5	7.434	885	891	901	rBV	877668	1167863	56.16%	8.579%
6	7.692	930	935	945	rVB	13468	22000	1.06%	0.162%
7	8.157	1008	1014	1026	rVB	378523	493100	23.71%	3.622%
8	8.375	1047	1051	1059	rBV2	14502	22747	1.09%	0.167%
9	9.233	1191	1197	1202	rBV	1602537	2079372	100.00%	15.275%
10	9.910	1307	1312	1318	rBV	418972	542355	26.08%	3.984%
11	10.627	1429	1434	1440	rBV	139438	173087	8.32%	1.271%
12	10.704	1442	1447	1463	rBV	1048293	1364866	65.64%	10.026%
13	11.404	1561	1566	1573	rBV	407684	515985	24.81%	3.790%
14	11.927	1650	1655	1670	rBV2	100702	176581	8.49%	1.297%
15	12.716	1784	1789	1799	rBV2	20252	42136	2.03%	0.310%
16	12.992	1831	1836	1842	rBV	1348239	1806935	86.90%	13.274%
17	13.898	1983	1990	2005	rBV	43443	103659	4.99%	0.761%
18	14.057	2009	2017	2030	rVV	315351	432879	20.82%	3.180%
19	15.539	2263	2269	2280	rBV	316307	520143	25.01%	3.821%
20	15.998	2341	2347	2354	rBV4	13873	30847	1.48%	0.227%

Sum of corrected areas: 13613069

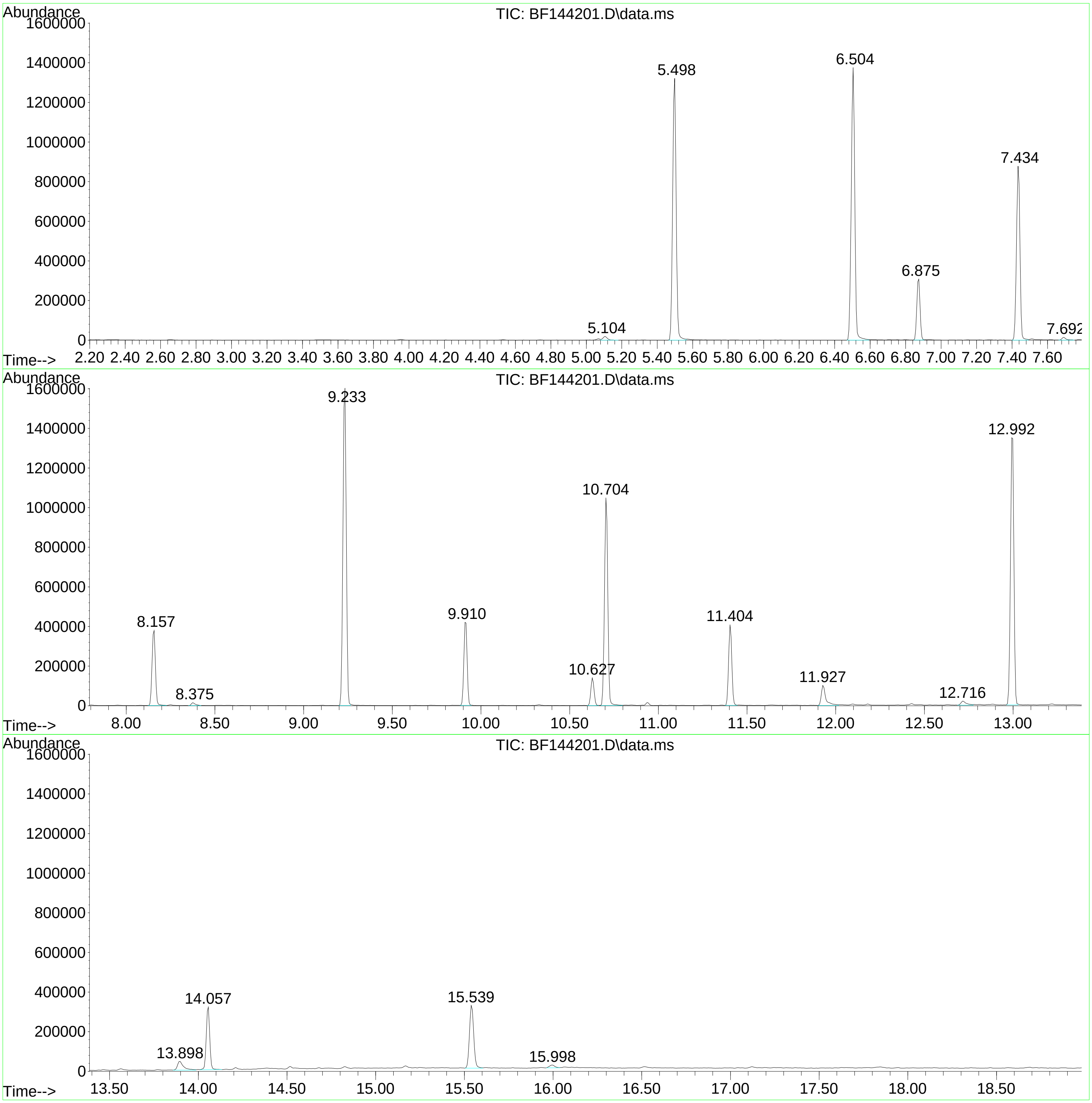
Sample Results: **BF144201.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BF144201.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

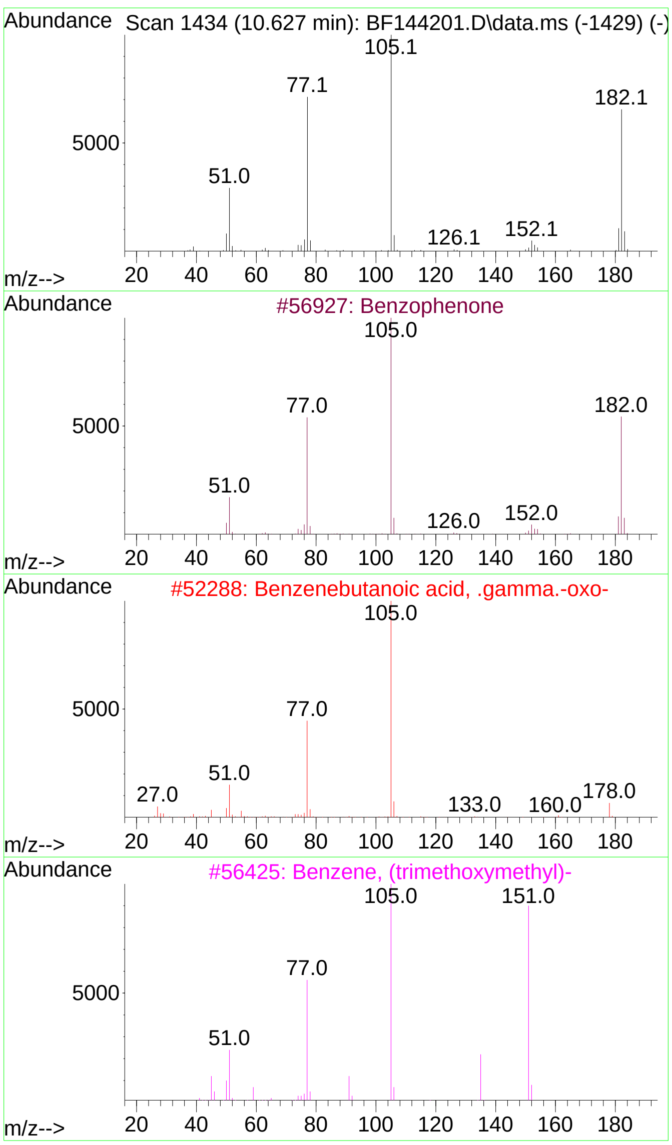
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

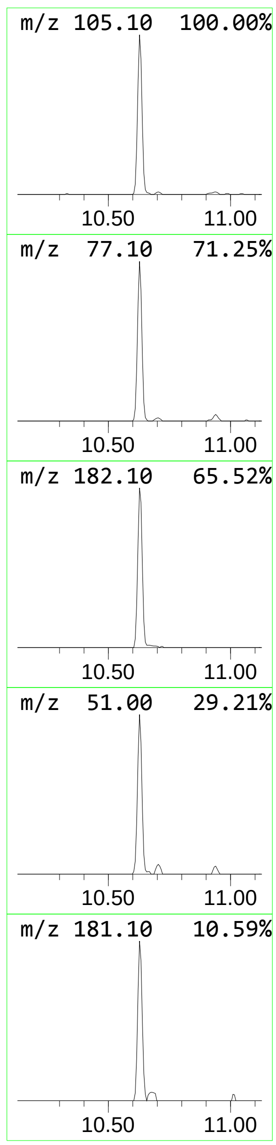
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	6.38 ng	173087	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	43
3	Benzene, (trimethoxymethyl)-	182	C10H14O3	000707-07-3	43
4	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	43
5	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	43





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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On    : 11 Nov 2025  14:09
Operator  : RC/JU
Sample    : Q3586-01
Misc      :
ALS Vial  : 5   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

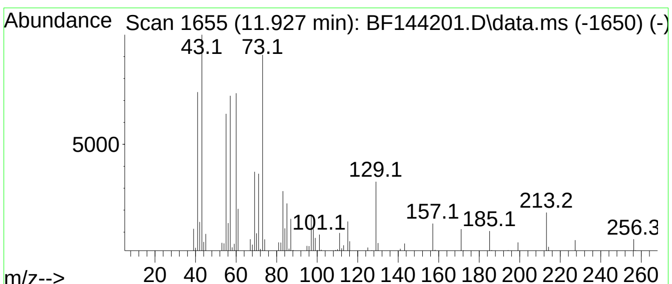
Instrument : BNA_F
ClientSampleId : SED-1

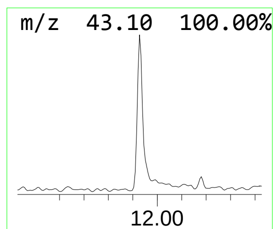
****

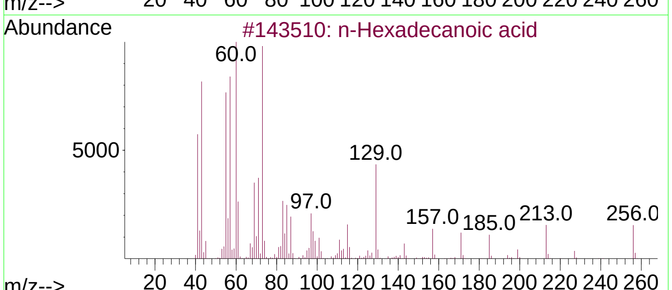
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

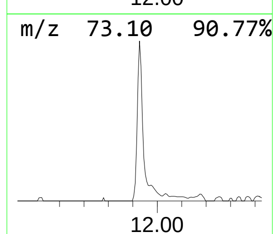
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	6.84 ng	176581	Phenanthrene-d10	11.404

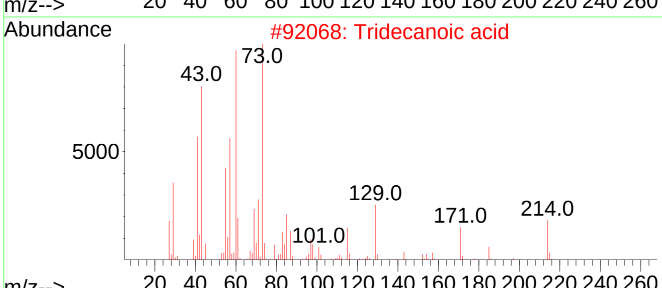
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59

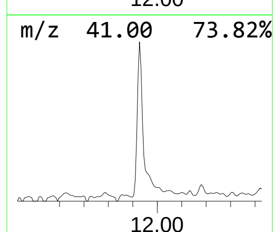


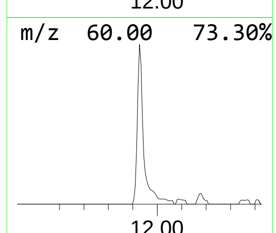


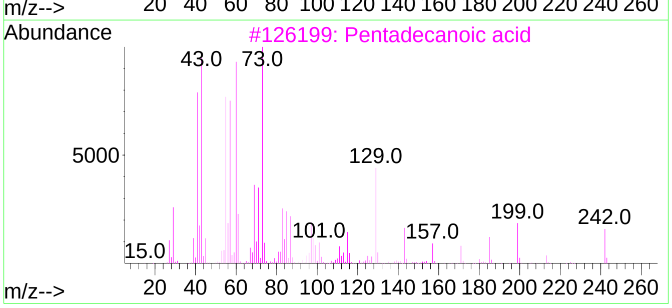


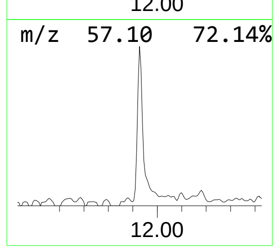












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

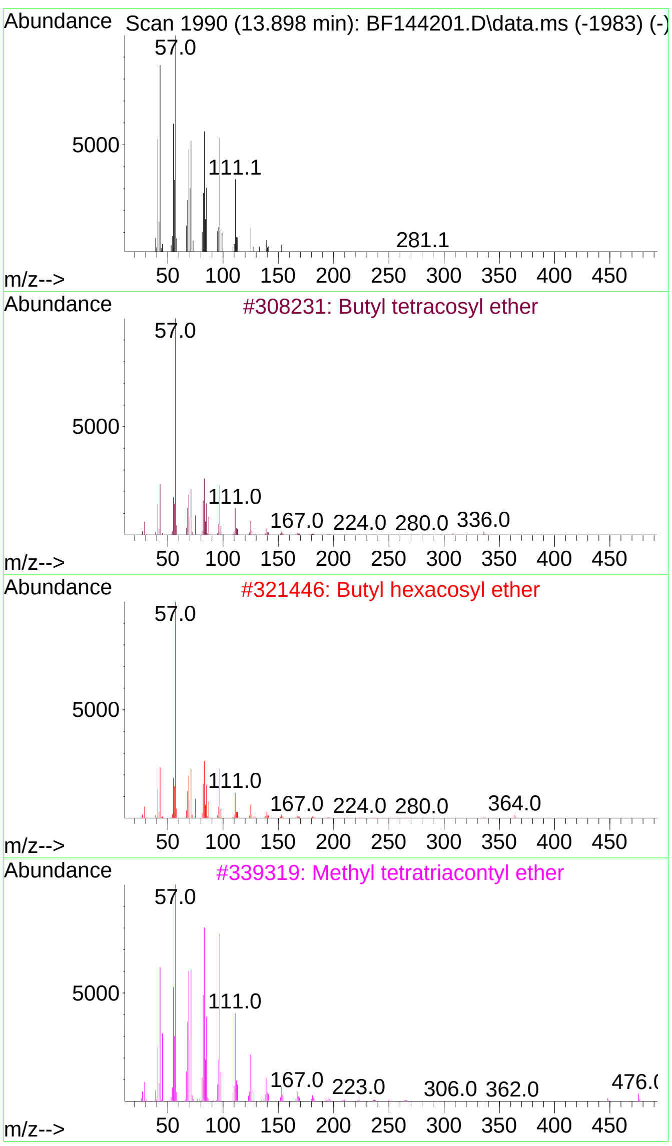
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

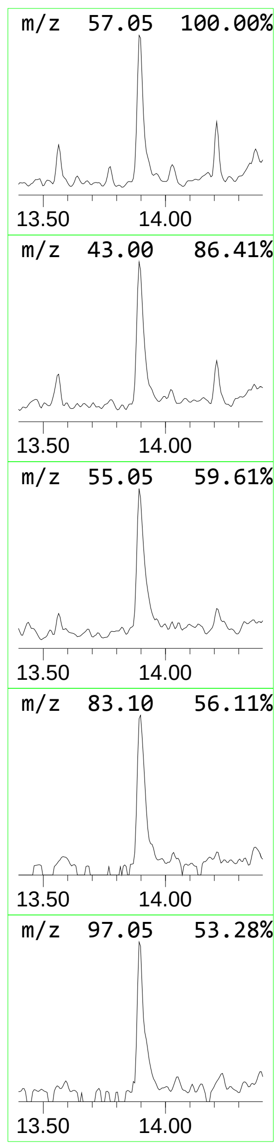
****

Peak Number 3 Butyl tetracosyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	4.79 ng	103659	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl tetracosyl ether	410	C28H58O	1000406-40-9	91
2	Butyl hexacosyl ether	438	C30H62O	1000406-41-0	91
3	Methyl tetratriacontyl ether	509	C35H72O	1000406-30-1	91
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.628	6.4	ng	173087	3	9.916	542355	20.0
n-Hexadecanoic ...	11.927	6.8	ng	176581	4	11.404	515985	20.0
Butyl tetracosy...	13.898	4.8	ng	103659	5	14.057	432879	20.0

Raw Data: **BP026098.D**

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-2			SDG No.:	Q3586
Lab Sample ID:	Q3586-02			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	41.4
Sample Wt/Vol:	30.06 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	380	U	1	380	800	ug/Kg	11/11/25 20:18	PB170478
108-95-2	Phenol	53.3	U	1	53.3	410	ug/Kg	11/11/25 20:18	PB170478
111-44-4	bis(2-Chloroethyl)ether	58.6	U	1	58.6	410	ug/Kg	11/11/25 20:18	PB170478
95-57-8	2-Chlorophenol	58.8	U	1	58.8	410	ug/Kg	11/11/25 20:18	PB170478
95-48-7	2-Methylphenol	72.1	U	1	72.1	410	ug/Kg	11/11/25 20:18	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	90.4	U	1	90.4	410	ug/Kg	11/11/25 20:18	PB170478
98-86-2	Acetophenone	71.1	U	1	71.1	410	ug/Kg	11/11/25 20:18	PB170478
65794-96-9	3+4-Methylphenols	99.1	U	1	99.1	800	ug/Kg	11/11/25 20:18	PB170478
621-64-7	n-Nitroso-di-n-propylamine	110	U	1	110	190	ug/Kg	11/11/25 20:18	PB170478
67-72-1	Hexachloroethane	42.4	U	1	42.4	410	ug/Kg	11/11/25 20:18	PB170478
98-95-3	Nitrobenzene	44.1	U	1	44.1	410	ug/Kg	11/11/25 20:18	PB170478
78-59-1	Isophorone	79.1	U	1	79.1	410	ug/Kg	11/11/25 20:18	PB170478
88-75-5	2-Nitrophenol	140	U	1	140	410	ug/Kg	11/11/25 20:18	PB170478
105-67-9	2,4-Dimethylphenol	160	U	1	160	410	ug/Kg	11/11/25 20:18	PB170478
111-91-1	bis(2-Chloroethoxy)methane	74.2	U	1	74.2	410	ug/Kg	11/11/25 20:18	PB170478
120-83-2	2,4-Dichlorophenol	68.2	U	1	68.2	410	ug/Kg	11/11/25 20:18	PB170478
91-20-3	Naphthalene	54.7	U	1	54.7	410	ug/Kg	11/11/25 20:18	PB170478
106-47-8	4-Chloroaniline	85.3	UQ	1	85.3	410	ug/Kg	11/11/25 20:18	PB170478
87-68-3	Hexachlorobutadiene	61.0	U	1	61.0	410	ug/Kg	11/11/25 20:18	PB170478
105-60-2	Caprolactam	130	U	1	130	800	ug/Kg	11/11/25 20:18	PB170478
59-50-7	4-Chloro-3-methylphenol	69.2	U	1	69.2	410	ug/Kg	11/11/25 20:18	PB170478
91-57-6	2-Methylnaphthalene	61.7	U	1	61.7	410	ug/Kg	11/11/25 20:18	PB170478
77-47-4	Hexachlorocyclopentadiene	280	U	1	280	800	ug/Kg	11/11/25 20:18	PB170478
88-06-2	2,4,6-Trichlorophenol	47.7	U	1	47.7	410	ug/Kg	11/11/25 20:18	PB170478
95-95-4	2,4,5-Trichlorophenol	70.1	U	1	70.1	410	ug/Kg	11/11/25 20:18	PB170478
92-52-4	1,1-Biphenyl	52.6	U	1	52.6	410	ug/Kg	11/11/25 20:18	PB170478
91-58-7	2-Chloronaphthalene	54.2	U	1	54.2	410	ug/Kg	11/11/25 20:18	PB170478
88-74-4	2-Nitroaniline	120	U	1	120	410	ug/Kg	11/11/25 20:18	PB170478
131-11-3	Dimethylphthalate	65.3	U	1	65.3	410	ug/Kg	11/11/25 20:18	PB170478
208-96-8	Acenaphthylene	69.7	U	1	69.7	410	ug/Kg	11/11/25 20:18	PB170478
606-20-2	2,6-Dinitrotoluene	81.0	U	1	81.0	410	ug/Kg	11/11/25 20:18	PB170478
99-09-2	3-Nitroaniline	110	UQ	1	110	410	ug/Kg	11/11/25 20:18	PB170478
83-32-9	Acenaphthene	51.3	U	1	51.3	410	ug/Kg	11/11/25 20:18	PB170478
51-28-5	2,4-Dinitrophenol	550	U	1	550	800	ug/Kg	11/11/25 20:18	PB170478
100-02-7	4-Nitrophenol	260	U	1	260	800	ug/Kg	11/11/25 20:18	PB170478
132-64-9	Dibenzofuran	54.7	U	1	54.7	410	ug/Kg	11/11/25 20:18	PB170478
121-14-2	2,4-Dinitrotoluene	120	U	1	120	410	ug/Kg	11/11/25 20:18	PB170478
84-66-2	Diethylphthalate	68.2	U	1	68.2	410	ug/Kg	11/11/25 20:18	PB170478
7005-72-3	4-Chlorophenyl-phenylether	64.4	U	1	64.4	410	ug/Kg	11/11/25 20:18	PB170478
86-73-7	Fluorene	61.0	U	1	61.0	410	ug/Kg	11/11/25 20:18	PB170478
100-01-6	4-Nitroaniline	150	U	1	150	410	ug/Kg	11/11/25 20:18	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	250	U	1	250	800	ug/Kg	11/11/25 20:18	PB170478

Raw Data: **BP026098.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-2			SDG No.:	Q3586
Lab Sample ID:	Q3586-02			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	41.4
Sample Wt/Vol:	30.06 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	79.3	U	1	79.3	410	ug/Kg	11/11/25 20:18	PB170478
101-55-3	4-Bromophenyl-phenylether	67.0	U	1	67.0	410	ug/Kg	11/11/25 20:18	PB170478
118-74-1	Hexachlorobenzene	61.0	U	1	61.0	410	ug/Kg	11/11/25 20:18	PB170478
1912-24-9	Atrazine	82.0	U	1	82.0	410	ug/Kg	11/11/25 20:18	PB170478
87-86-5	Pentachlorophenol	120	U	1	120	800	ug/Kg	11/11/25 20:18	PB170478
85-01-8	Phenanthrene	50.4	U	1	50.4	410	ug/Kg	11/11/25 20:18	PB170478
120-12-7	Anthracene	80.3	U	1	80.3	410	ug/Kg	11/11/25 20:18	PB170478
86-74-8	Carbazole	75.2	U	1	75.2	410	ug/Kg	11/11/25 20:18	PB170478
84-74-2	Di-n-butylphthalate	120	U	1	120	410	ug/Kg	11/11/25 20:18	PB170478
206-44-0	Fluoranthene	72.3	U	1	72.3	410	ug/Kg	11/11/25 20:18	PB170478
129-00-0	Pyrene	86.8	U	1	86.8	410	ug/Kg	11/11/25 20:18	PB170478
85-68-7	Butylbenzylphthalate	170	U	1	170	410	ug/Kg	11/11/25 20:18	PB170478
91-94-1	3,3-Dichlorobenzidine	88.5	U	1	88.5	800	ug/Kg	11/11/25 20:18	PB170478
56-55-3	Benzo(a)anthracene	55.4	U	1	55.4	410	ug/Kg	11/11/25 20:18	PB170478
218-01-9	Chrysene	48.0	U	1	48.0	410	ug/Kg	11/11/25 20:18	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	270	J	1	140	410	ug/Kg	11/11/25 20:18	PB170478
117-84-0	Di-n-octyl phthalate	210	U	1	210	800	ug/Kg	11/11/25 20:18	PB170478
205-99-2	Benzo(b)fluoranthene	45.8	U	1	45.8	410	ug/Kg	11/11/25 20:18	PB170478
207-08-9	Benzo(k)fluoranthene	54.0	U	1	54.0	410	ug/Kg	11/11/25 20:18	PB170478
50-32-8	Benzo(a)pyrene	71.1	U	1	71.1	410	ug/Kg	11/11/25 20:18	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	70.1	U	1	70.1	410	ug/Kg	11/11/25 20:18	PB170478
53-70-3	Dibenzo(a,h)anthracene	66.1	U	1	66.1	410	ug/Kg	11/11/25 20:18	PB170478
191-24-2	Benzo(g,h,i)perylene	62.0	U	1	62.0	410	ug/Kg	11/11/25 20:18	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	61.7	U	1	61.7	410	ug/Kg	11/11/25 20:18	PB170478
123-91-1	1,4-Dioxane	110	U	1	110	410	ug/Kg	11/11/25 20:18	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	66.1	U	1	66.1	410	ug/Kg	11/11/25 20:18	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	137			30 (10) - 130 (105)	91%	SPK: 150		
13127-88-3	Phenol-d6	135			30 (10) - 130 (103)	90%	SPK: 150		
4165-60-0	Nitrobenzene-d5	91.4			30 (10) - 130 (108)	91%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.1			30 (10) - 130 (108)	79%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	166			30 (10) - 130 (116)	111%	SPK: 150		
1718-51-0	Terphenyl-d14	75.5			30 (10) - 130 (109)	75%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	250000							
1146-65-2	Naphthalene-d8	984000							
15067-26-2	Acenaphthene-d10	623000							
1517-22-2	Phenanthrene-d10	1350000							
1719-03-5	Chrysene-d12	1640000							
1520-96-3	Perylene-d12	1940000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	910	J			15.7	ug/Kg		
000057-10-3	n-Hexadecanoic acid	490	J			18.1	ug/Kg		

Raw Data: **BP026098.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-2			SDG No.:	Q3586
Lab Sample ID:	Q3586-02			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	41.4
Sample Wt/Vol:	30.06 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
018835-32-0	1-Tricosene	270	J			21.3	ug/Kg		
000593-45-3	Octadecane	200	J			22.5	ug/Kg		
000629-97-0	Docosane	240	J			23.3	ug/Kg		
000638-68-6	Triacontane	460	J			25.2	ug/Kg		
013475-76-8	Docosane, 11-butyl-	1200	J			29.6	ug/Kg		
000646-31-1	Tetracosane	240	J			31.7	ug/Kg		

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

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

Sample Results: **BP026098.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SED-2

Quant Time: Nov 12 01:47:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.678	152	249884	20.000 ng	-0.01
21) Naphthalene-d8	10.443	136	984033	20.000 ng	-0.01
39) Acenaphthene-d10	14.313	164	622887	20.000 ng	0.00
64) Phenanthrene-d10	17.125	188	1353624	20.000 ng	0.00
76) Chrysene-d12	21.577	240	1635330	20.000 ng	0.01
86) Perylene-d12	24.907	264	1941015	20.000 ng	0.02
System Monitoring Compounds					
5) 2-Fluorophenol	5.290	112	2077906	137.214 ng	0.00
7) Phenol-d6	6.849	99	2598995	134.839 ng	0.00
23) Nitrobenzene-d5	8.813	82	1442241	91.368 ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	1120470	166.390 ng	0.00
45) 2-Fluorobiphenyl	12.919	172	3428382	79.089 ng	-0.01
79) Terphenyl-d14	19.866	244	6074059	75.462 ng	0.00
Target Compounds					Qvalue
84) Bis(2-ethylhexyl)phtha...	21.519	149	51211	3.332 ng	# 95

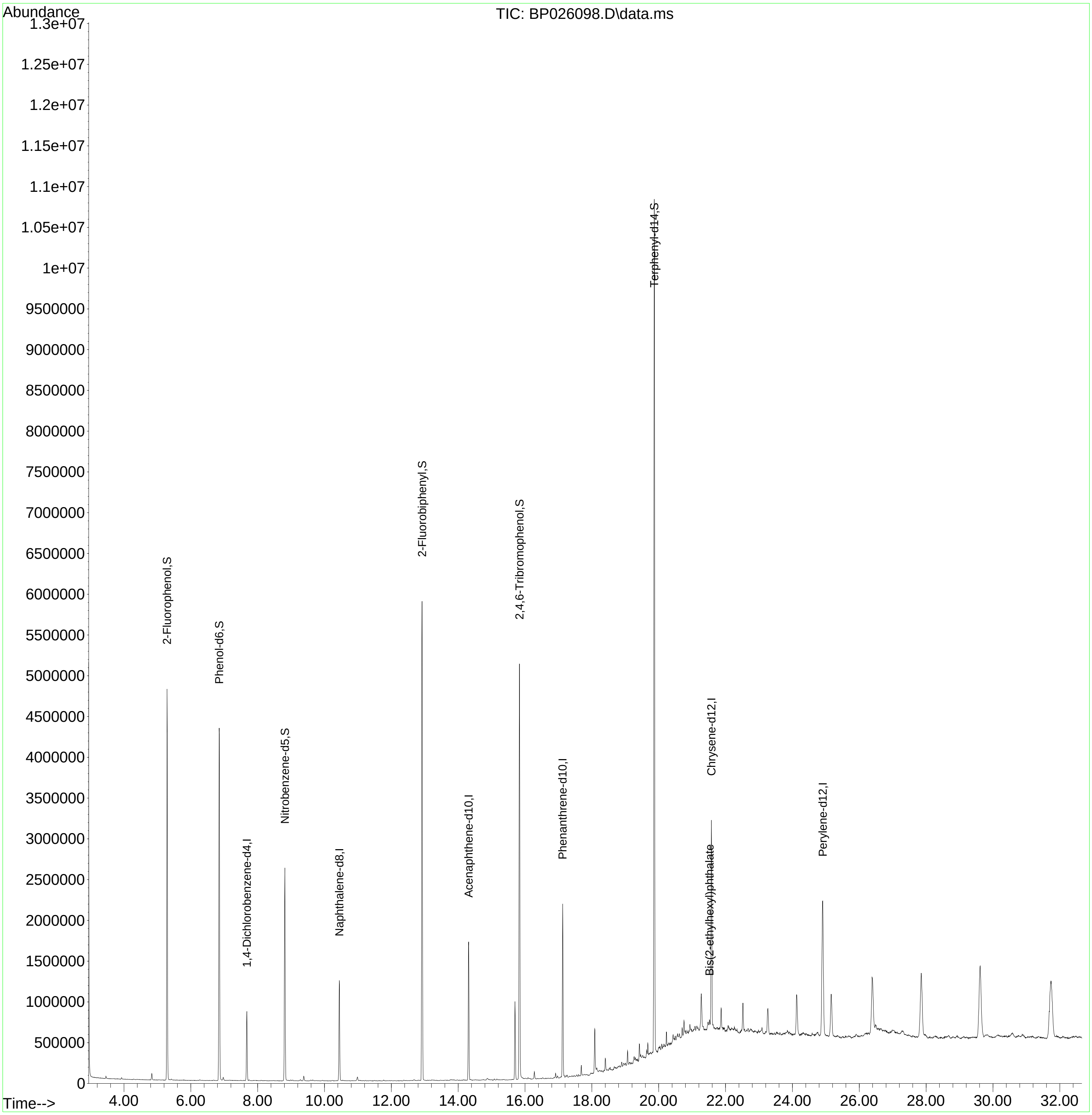
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: **BP026098.D**

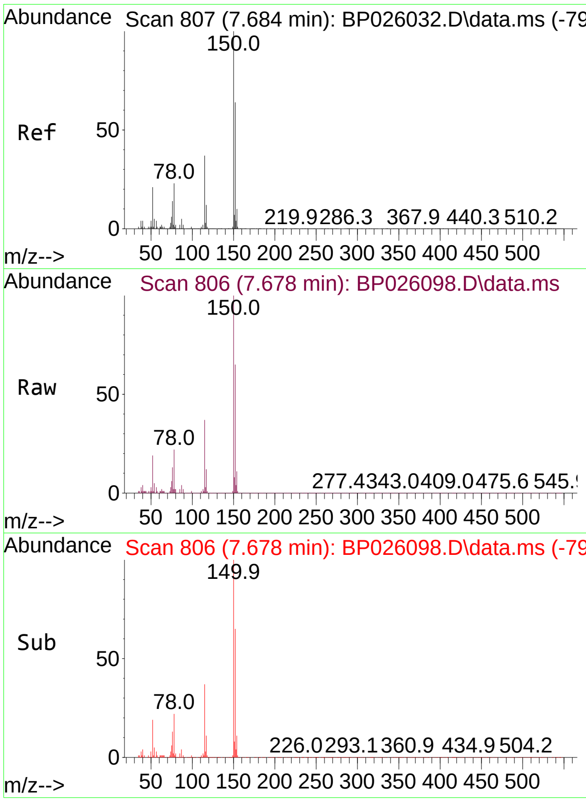
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Time: Nov 12 01:47:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

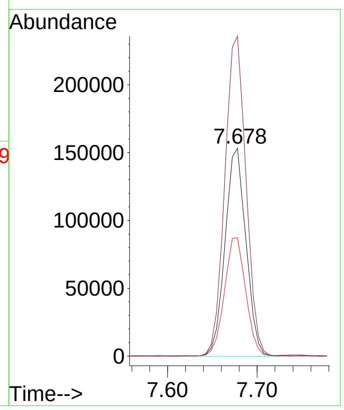


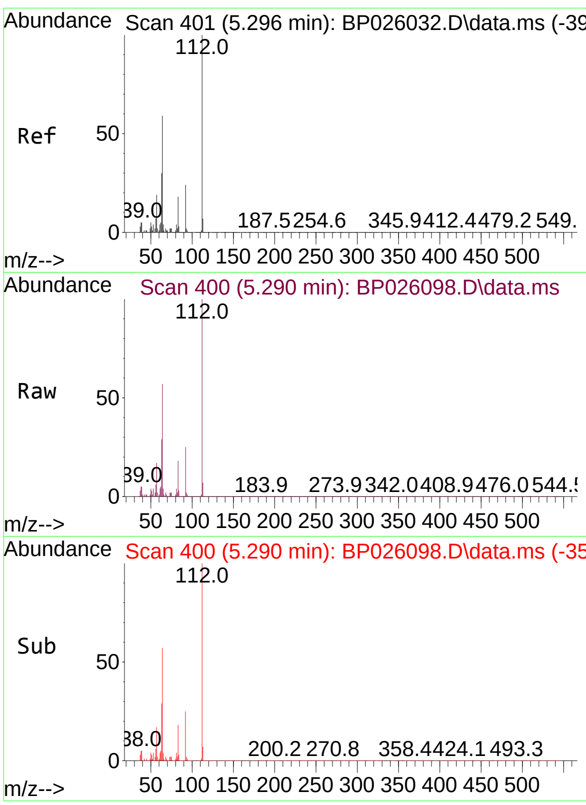
Instrument :
BNA_P
ClientSampleId :
SED-2




```
#1
1,4-Dichlorobenzene-d4
Concen:   20.000 ng
RT:   7.678 min  Scan# 80
Delta R.T.  -0.012 min
Lab File:   BP026098.D
Acq: 11 Nov 2025  20:18

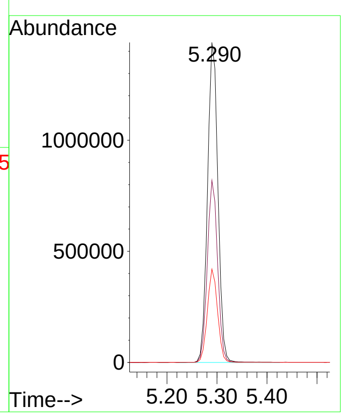
Tgt Ion:152 Resp:  249884
Ion  Ratio  Lower  Upper
152  100
150  153.9  125.7  188.5
115   56.9   46.4   69.6
```



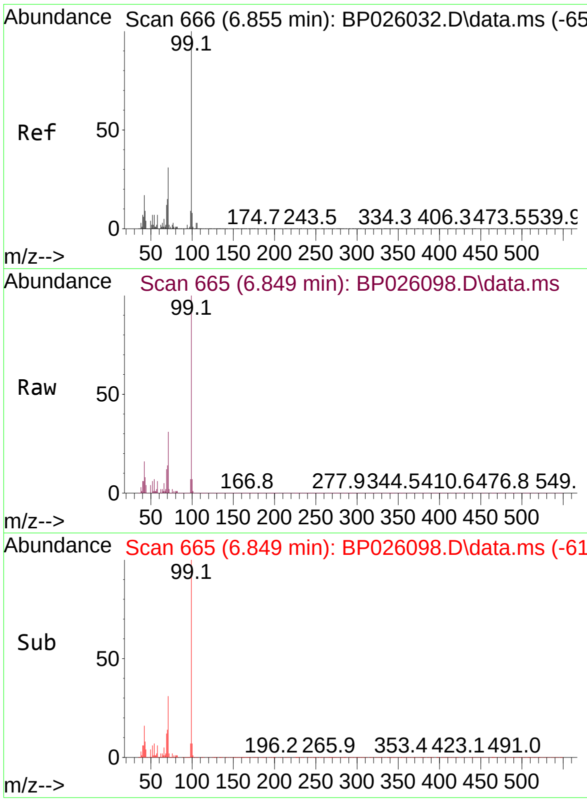



```
#5
2-Fluorophenol
Concen:  137.214 ng
RT:   5.290 min  Scan# 400
Delta R.T.  -0.006 min
Lab File:   BP026098.D
Acq: 11 Nov 2025  20:18

Tgt Ion:112 Resp: 2077906
Ion  Ratio  Lower  Upper
112  100
 64   56.9   47.4   71.2
 63   29.2   24.2   36.4
```



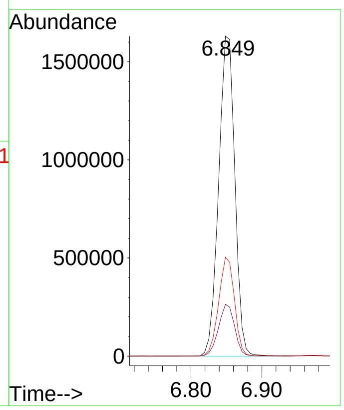
Instrument : BNA_P
ClientSampleId : SED-2

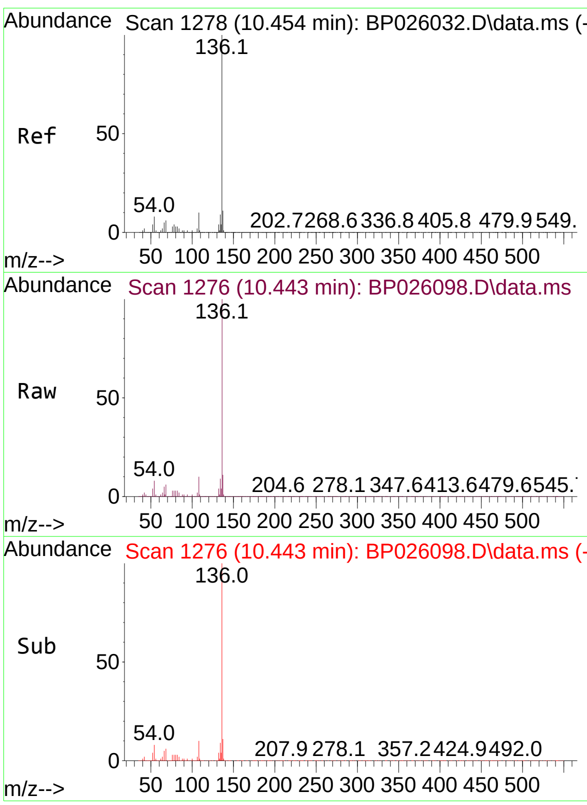


#7
Phenol-d6
Concen: 134.839 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion: 99 Resp: 2598995

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.7	20.5
71	30.9	24.4	36.6

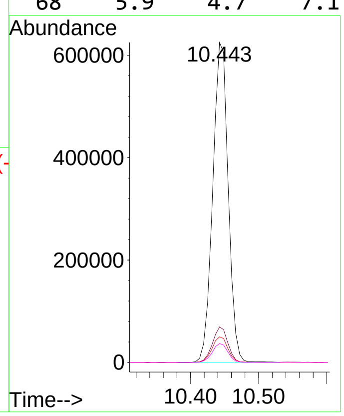




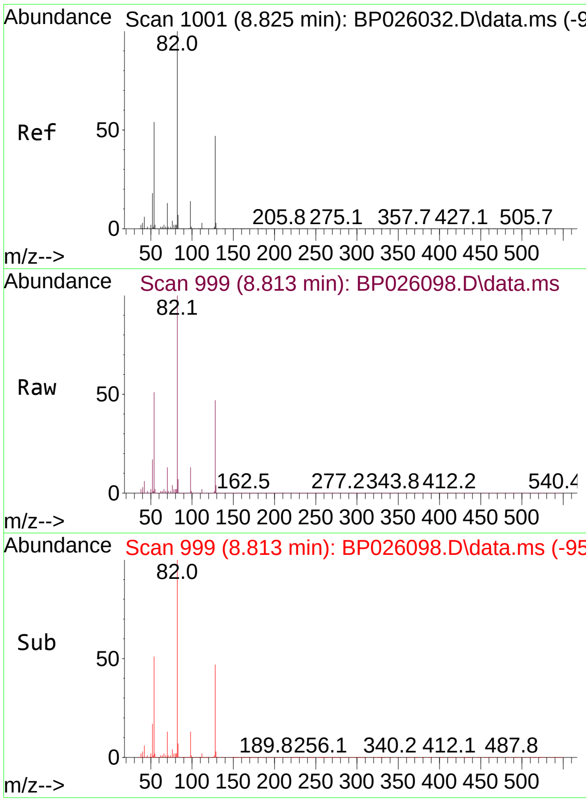
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:136 Resp: 984033

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	6.6	10.0
68	5.9	4.7	7.1



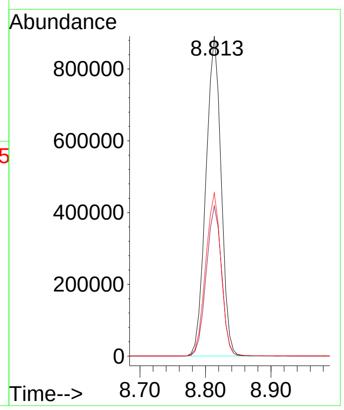
Instrument :
BNA_P
ClientSampleId :
SED-2

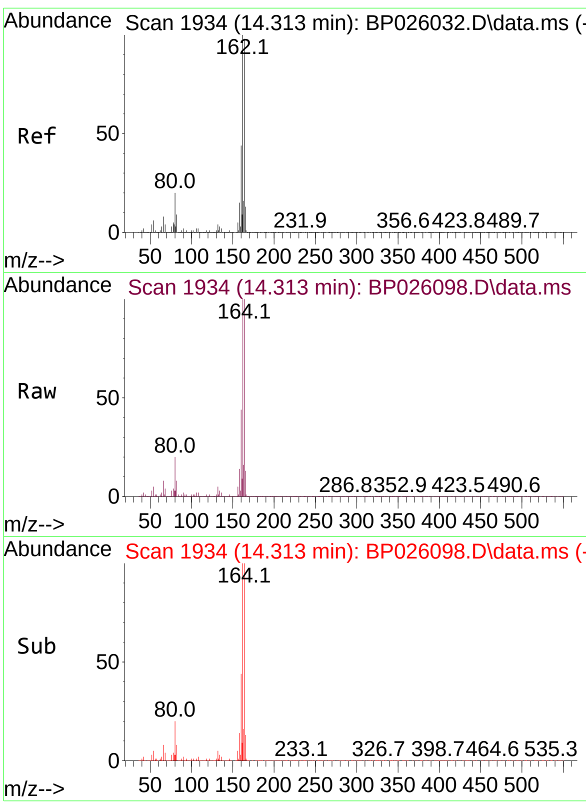


#23
Nitrobenzene-d5
Concen: 91.368 ng
RT: 8.813 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion: 82 Resp: 1442241

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.0
54	51.0	42.7	64.1

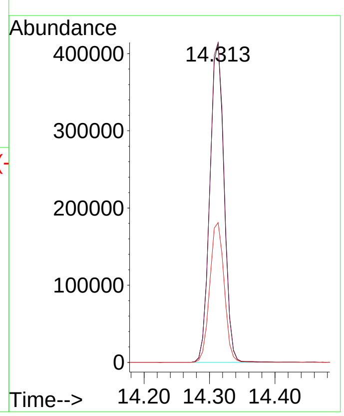


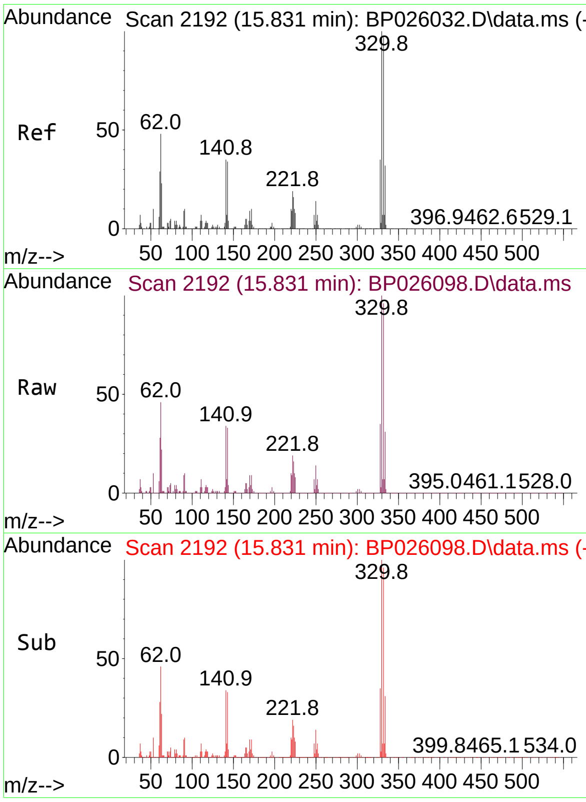


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:164 Resp: 622887

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.5	122.3
160	43.8	36.2	54.4

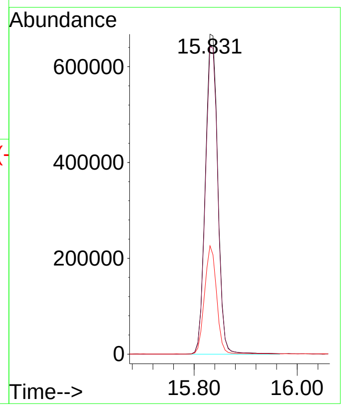


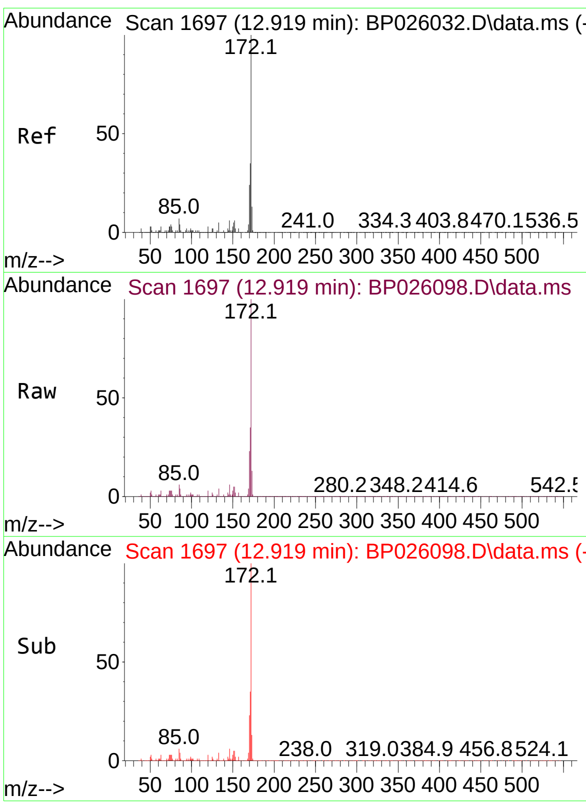



```
#42
2,4,6-Tribromophenol
Concen:  166.390 ng
RT:  15.831 min  Scan# 21
Delta R.T.  0.000 min
Lab File:   BP026098.D
Acq: 11 Nov 2025  20:18

Tgt Ion:330 Resp: 1120470
Ion  Ratio  Lower  Upper
330  100
332   95.9   77.3  115.9
141   32.8   28.6   42.8
```

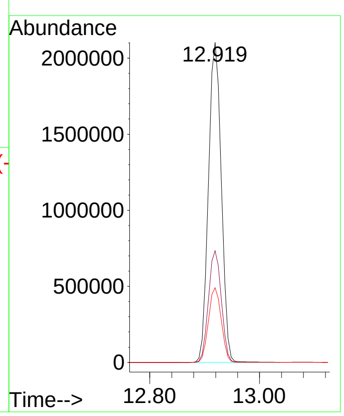
Instrument :
BNA_P
ClientSampleId :
SED-2



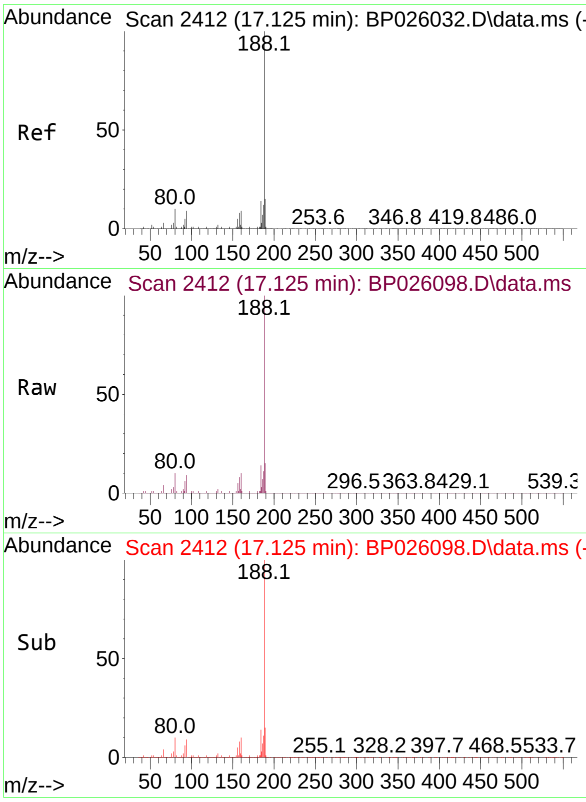



```
#45
2-Fluorobiphenyl
Concen:   79.089 ng
RT:  12.919 min  Scan# 1697
Delta R.T.  -0.012 min
Lab File:   BP026098.D
Acq: 11 Nov 2025  20:18

Tgt Ion:172 Resp: 3428382
Ion  Ratio  Lower  Upper
172  100
171   34.9   27.9   41.9
170   23.3   19.0   28.4
```



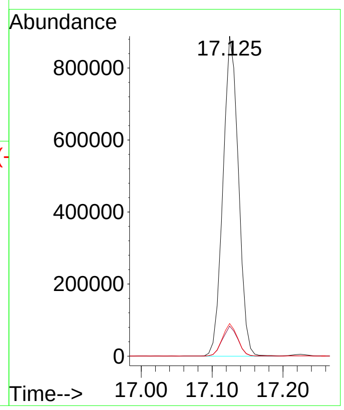
Instrument :
BNA_P
ClientSampleId :
SED-2

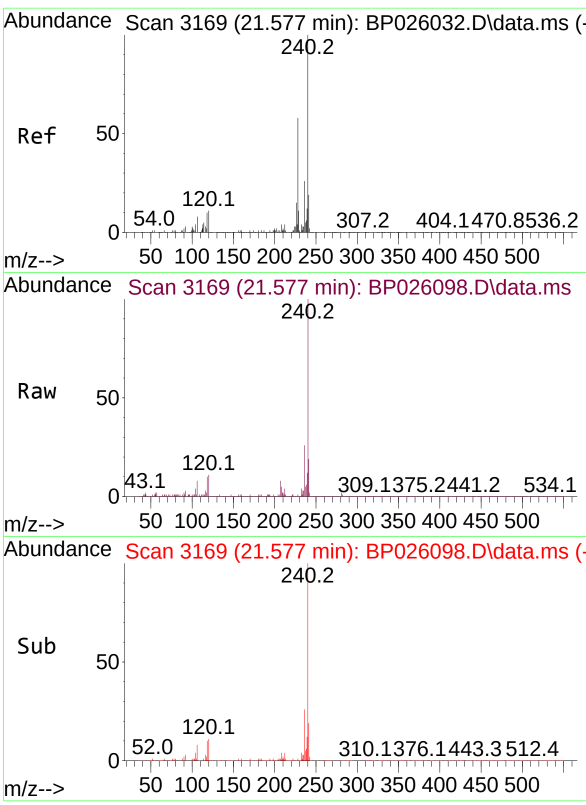


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:188 Resp: 1353624

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	10.2	7.9	11.9

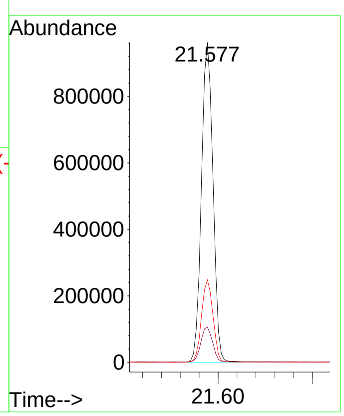




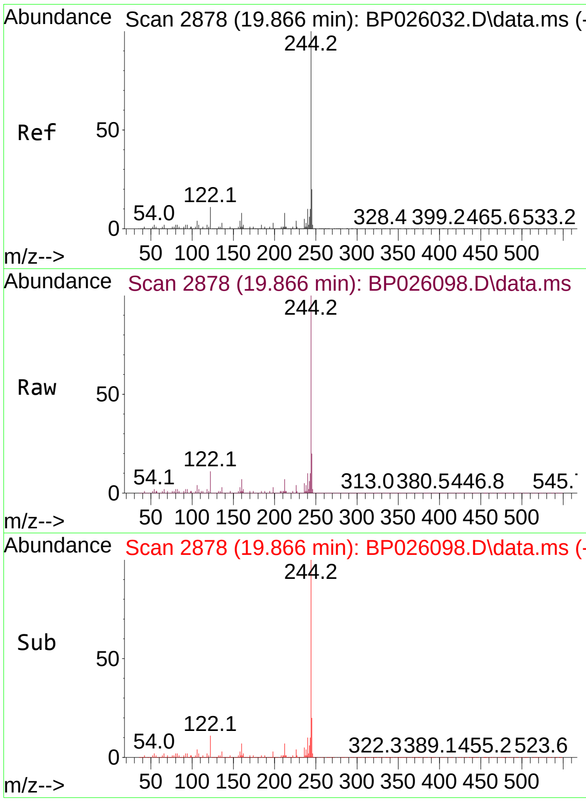
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:240 Resp: 1635330

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.8	20.6	31.0



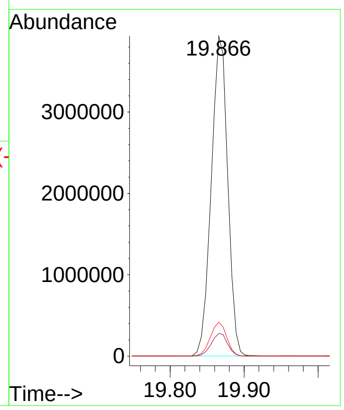
Instrument :
BNA_P
ClientSampleId :
SED-2

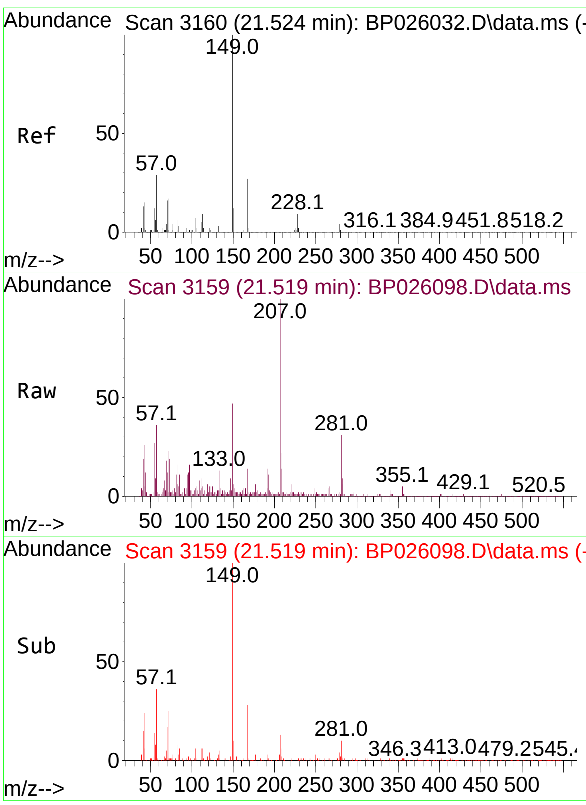


#79
Terphenyl-d14
Concen: 75.462 ng
RT: 19.866 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:244 Resp: 6074059

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.6	9.0	13.6

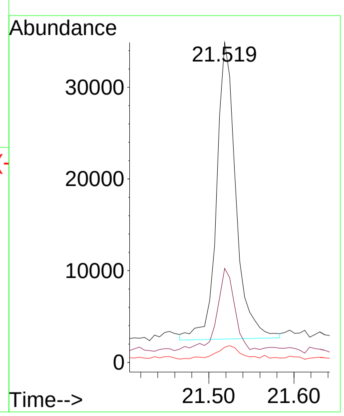


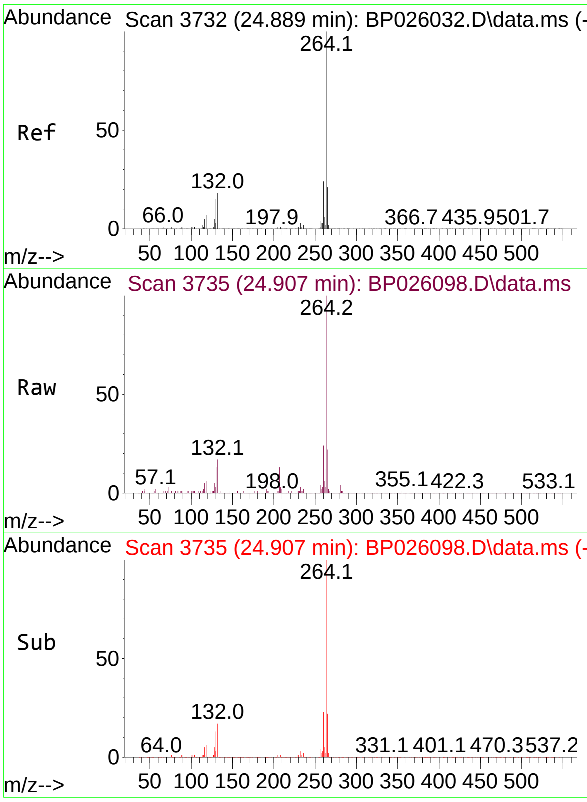


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.332 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.001 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:149 Resp: 51211

Ion	Ratio	Lower	Upper
149	100		
167	29.4	21.5	32.3
279	4.7	3.0	4.6#



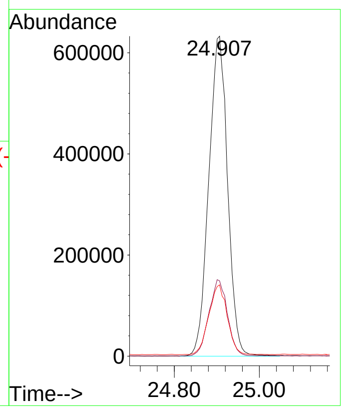


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 37
Delta R.T. 0.024 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Instrument :
BNA_P
ClientSampleId :
SED-2

Tgt Ion:264 Resp: 1941015

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.3	17.2	25.8



Sample Results: **BP026098.D**

Instrument :
BNA_P
ClientSampleId :
SED-2

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026098.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.290	393	400	410	rBV	4796267	6856935	42.21%	7.983%
2	6.849	658	665	679	rBV	4321683	7007609	43.14%	8.159%
3	7.678	797	806	813	rBV	849971	1406428	8.66%	1.637%
4	8.813	990	999	1008	rBV	2609290	4273459	26.31%	4.976%
5	10.443	1267	1276	1284	rBV	1230486	1956144	12.04%	2.278%
6	12.919	1690	1697	1709	rBV	5877386	9569728	58.92%	11.142%
7	14.313	1927	1934	1940	rBV	1697096	2601192	16.01%	3.029%
8	15.701	2163	2170	2181	rVB	956790	1468175	9.04%	1.709%
9	15.831	2185	2192	2213	rVV	5092733	8390870	51.66%	9.769%
10	17.125	2406	2412	2419	rBV2	2123496	3265517	20.10%	3.802%
11	18.083	2570	2575	2583	rBV	544202	990709	6.10%	1.153%
12	18.401	2625	2629	2636	rBV	151926	238261	1.47%	0.277%
13	19.066	2738	2742	2748	rBV	176701	250243	1.54%	0.291%
14	19.419	2799	2802	2806	rBV	205752	301730	1.86%	0.351%
15	19.866	2871	2878	2890	rBV	10467613	16242942	100.00%	18.912%
16	20.230	2937	2940	2945	rVB2	173448	190846	1.17%	0.222%
17	20.754	3027	3029	3035	rVB3	144089	166873	1.03%	0.194%
18	21.271	3113	3117	3124	rVB3	399869	726774	4.47%	0.846%
19	21.577	3163	3169	3176	rVB2	2512412	4255300	26.20%	4.954%
20	21.866	3216	3218	3223	rVB	244304	293203	1.81%	0.341%
21	22.518	3325	3329	3335	rVB	336048	541814	3.34%	0.631%
22	23.265	3451	3456	3465	rVB2	313434	734319	4.52%	0.855%
23	24.124	3598	3602	3617	rVB	499847	1256497	7.74%	1.463%
24	24.907	3726	3735	3748	rVB	1646247	4991709	30.73%	5.812%
25	25.160	3772	3778	3789	rVB	513148	1424421	8.77%	1.658%
26	26.383	3982	3986	4000	rVB2	618676	1910737	11.76%	2.225%
27	29.618	4525	4536	4554	rVB	871491	3824469	23.55%	4.453%
28	31.730	4888	4895	4896	rBV	371021	752100	4.63%	0.876%

Sum of corrected areas: 85889004

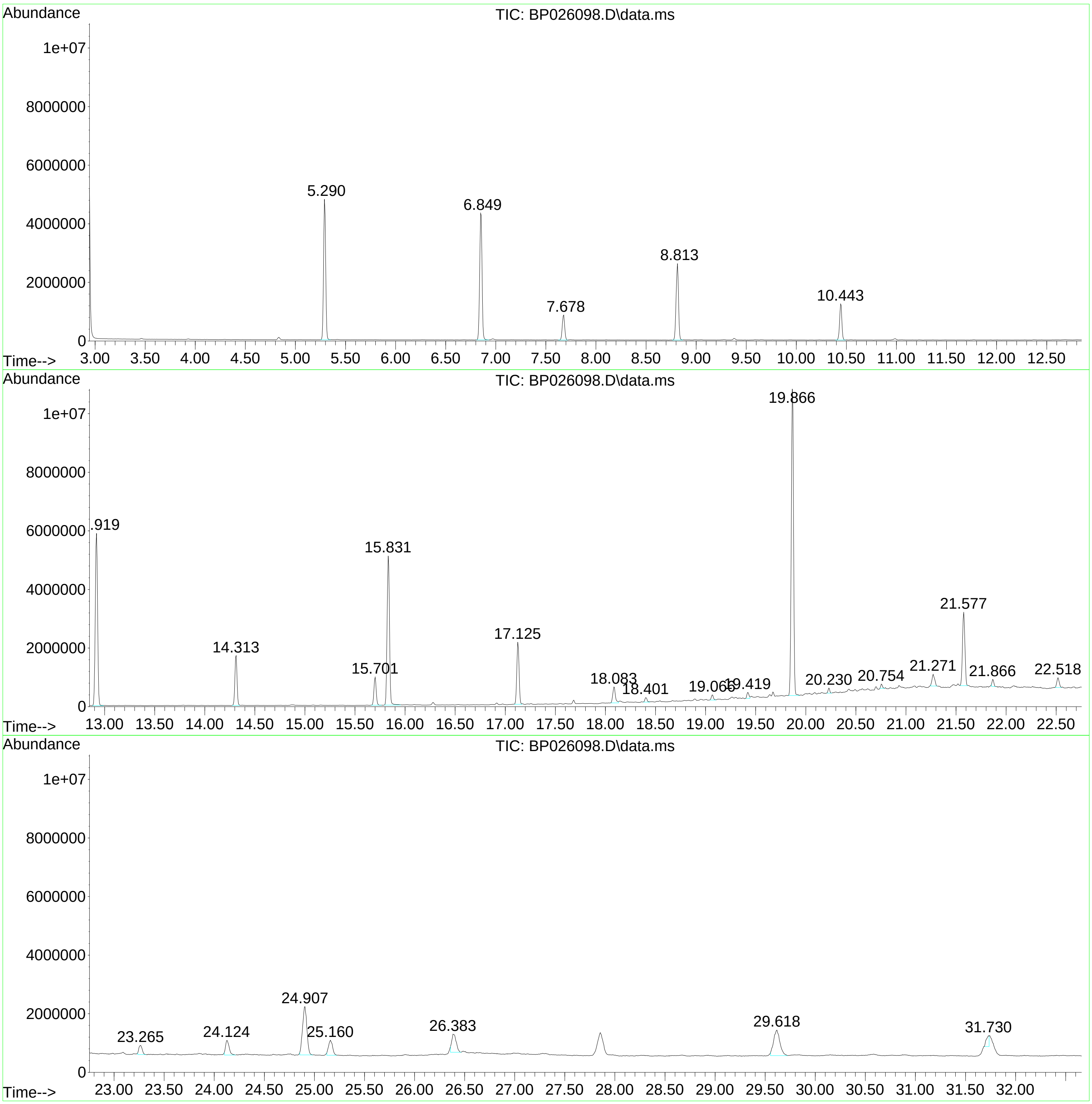
Sample Results: **BP026098.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BP026098.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

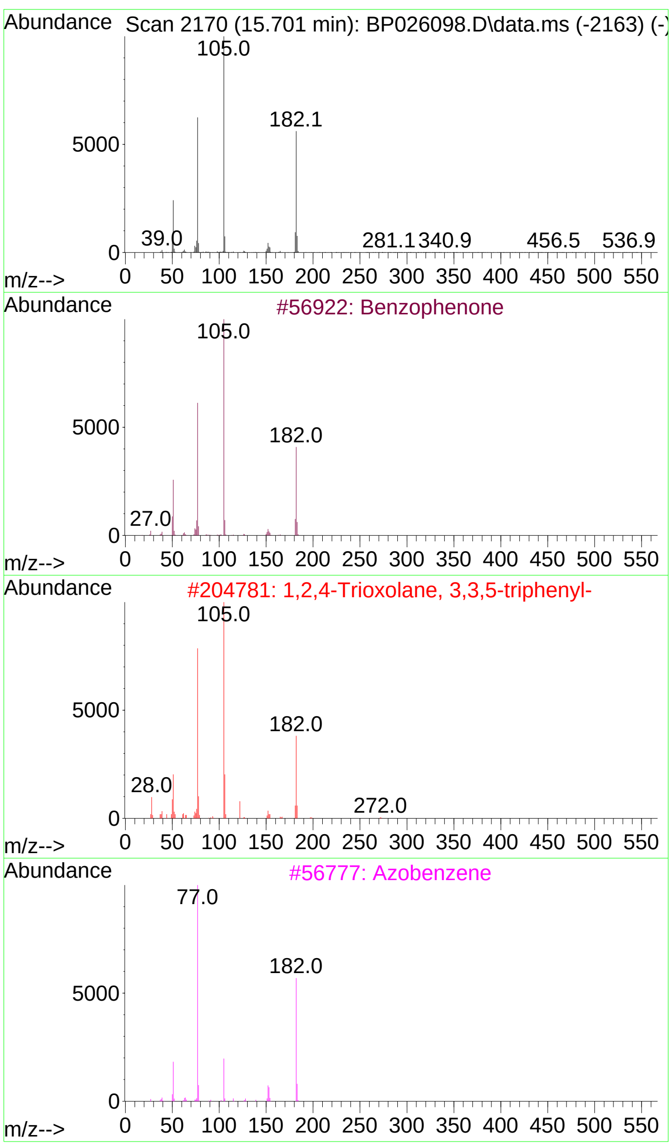
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

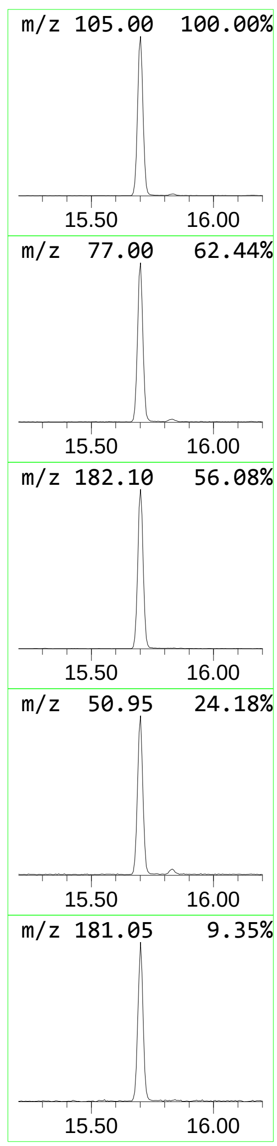
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.701	11.29 ng	1468180	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
3	Azobenzene	182	C12H10N2	000103-33-3	59
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	45
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





Sample Results: **BP026098.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

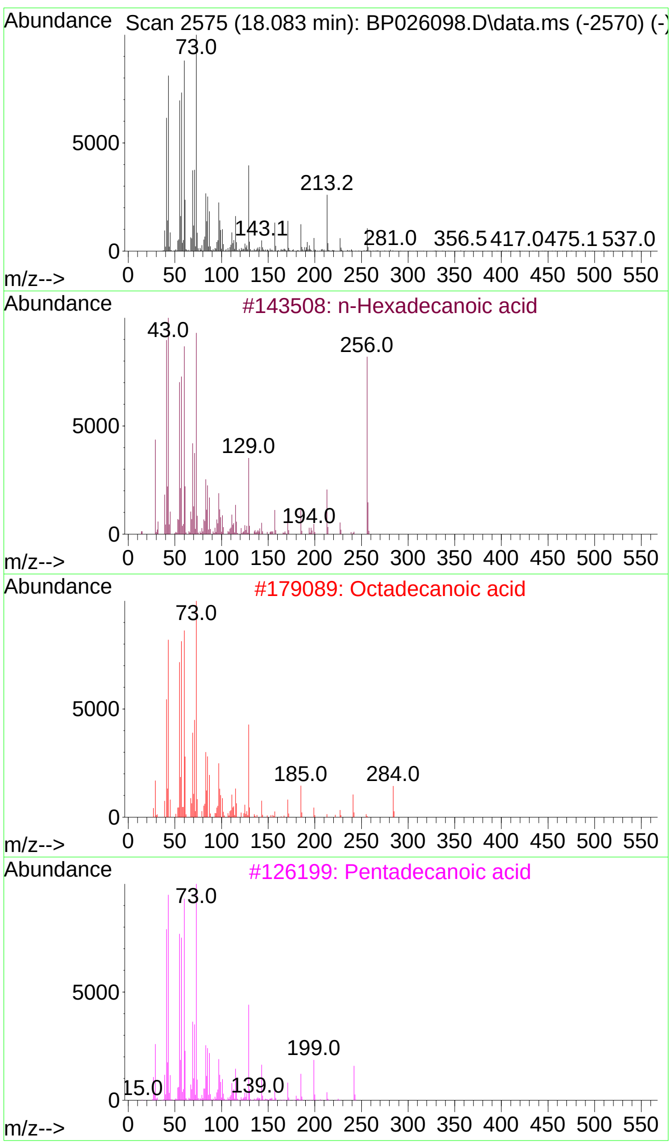
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

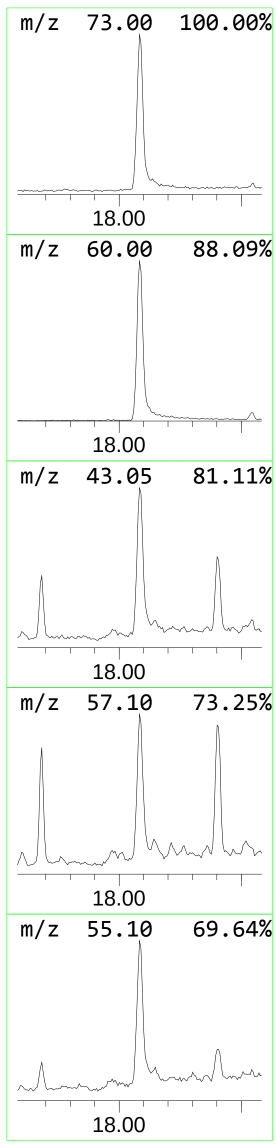
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.083	6.07 ng	990709	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On    : 11 Nov 2025  20:18
Operator  : RC/JU
Sample    : Q3586-02
Misc      :
ALS Vial  : 10   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

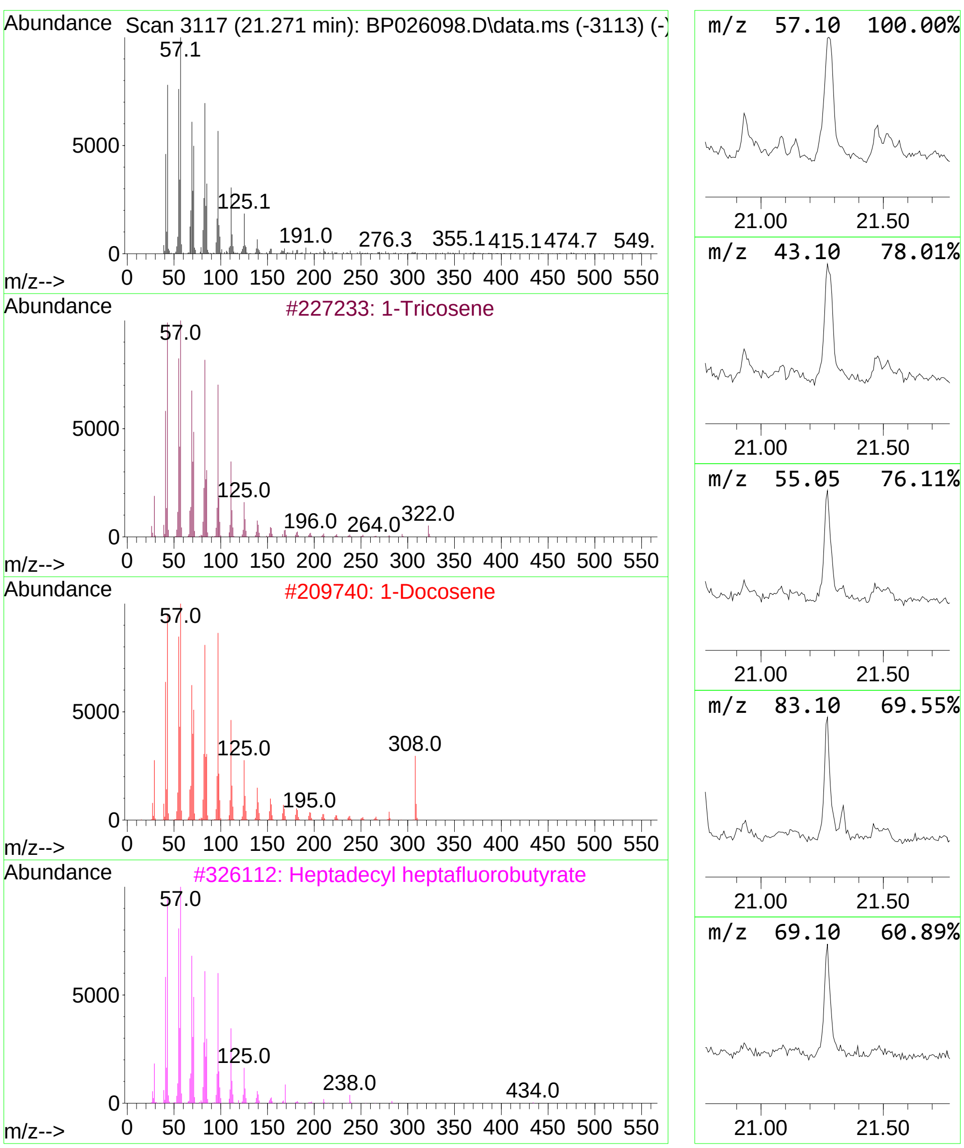
Instrument : BNA_P
ClientSampleId : SED-2

****

Peak Number 3 1-Tricosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.272	3.42 ng	726774	Chrysene-d12	21.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	98
2	1-Docosene	308	C22H44	001599-67-3	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

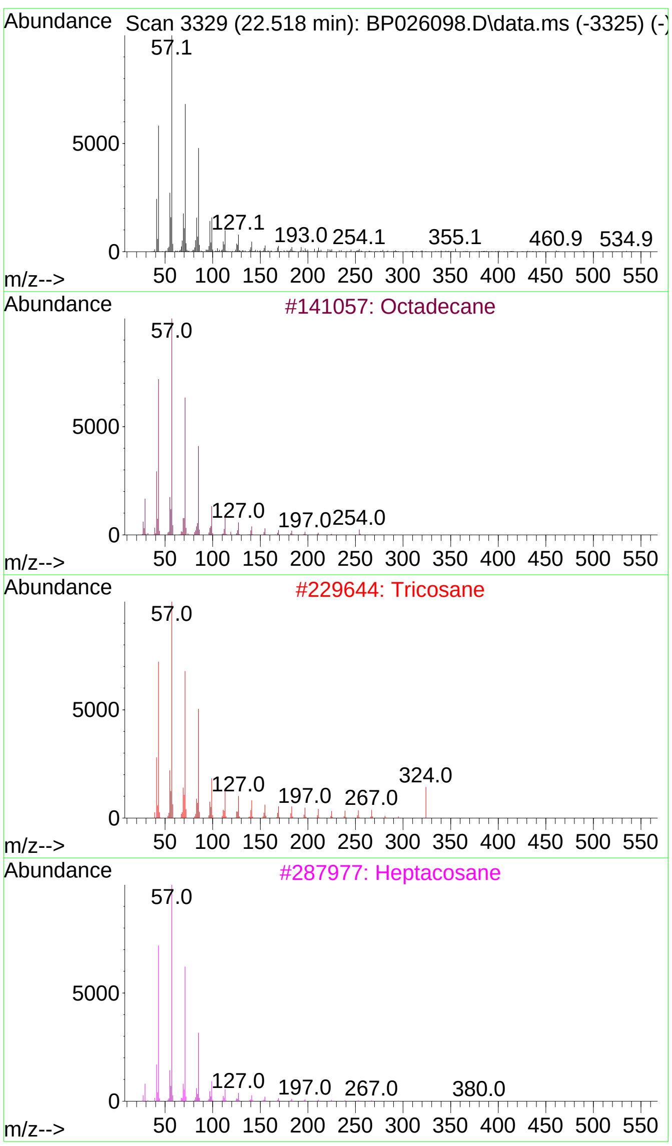
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

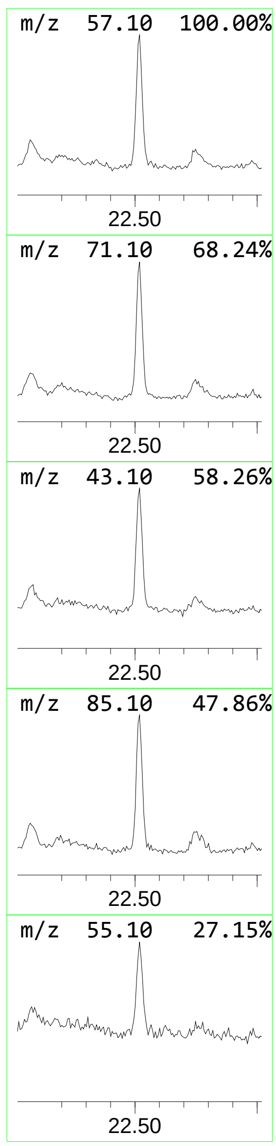
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.519	2.55 ng	541814	Chrysene-d12	21.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Tricosane	324	C23H48	000638-67-5	95
3	Heptacosane	380	C27H56	000593-49-7	93
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93





Sample Results: **BP026098.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On    : 11 Nov 2025  20:18
Operator  : RC/JU
Sample    : Q3586-02
Misc      :
ALS Vial  : 10   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

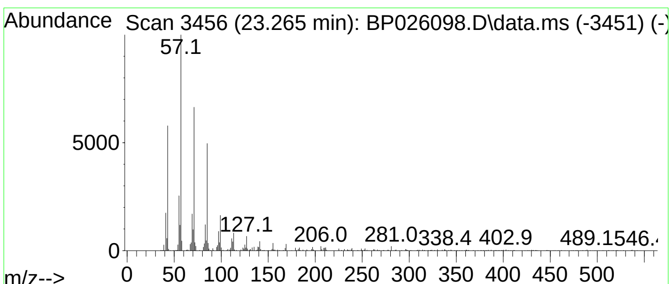
Instrument :
BNA_P
ClientSampleId :
SED-2

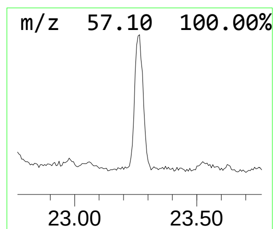
****

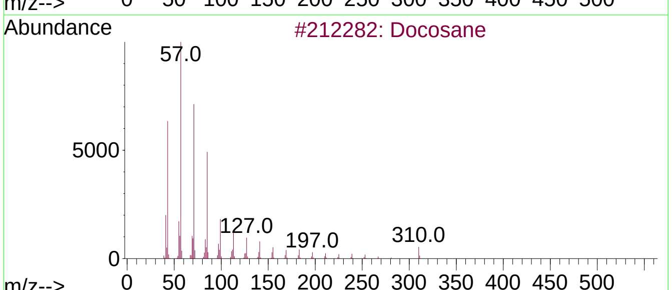
Peak Number 5 Docosane　　　　Concentration Rank 9

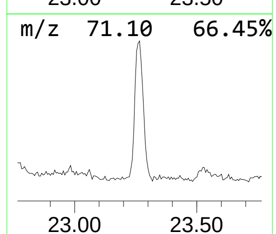
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.265	2.94 ng	734319	Perylene-d12	24.907

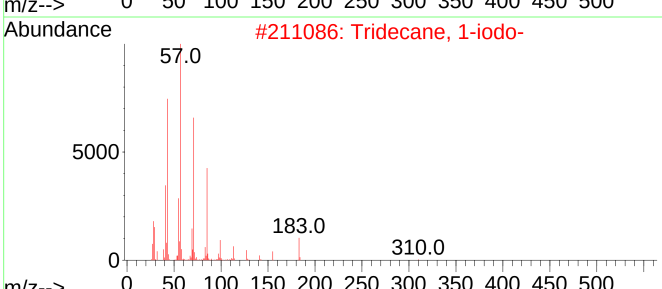
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Triacontane	422	C30H62	000638-68-6	87

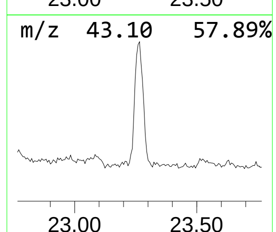


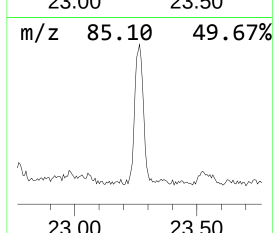


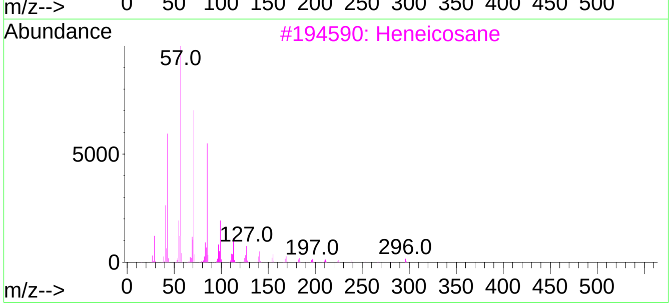


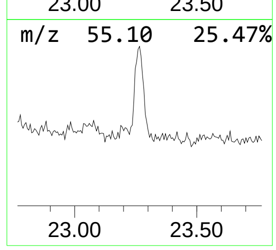












Sample Results: **BP026098.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

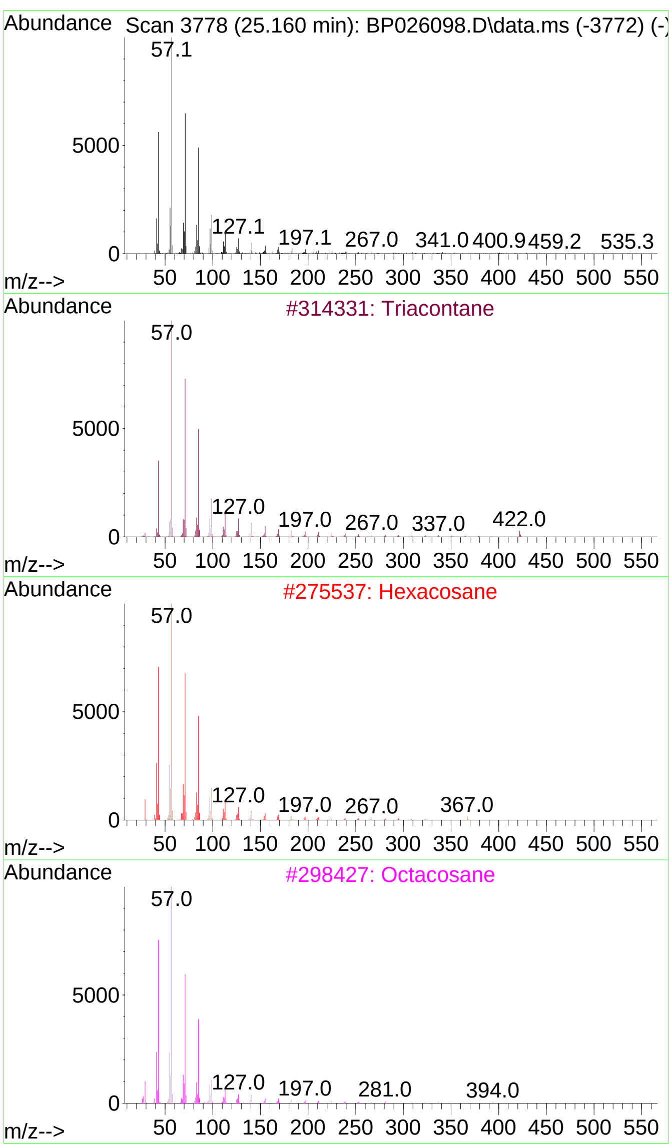
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

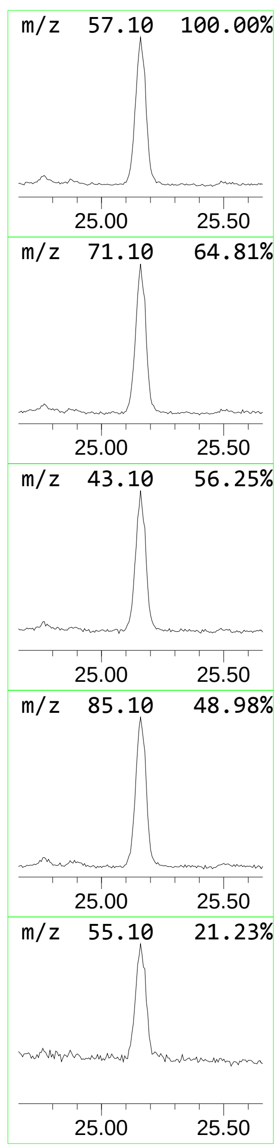
****

Peak Number 7 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.160	5.71 ng	1424420	Perylene-d12	24.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90





Sample Results: **BP026098.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

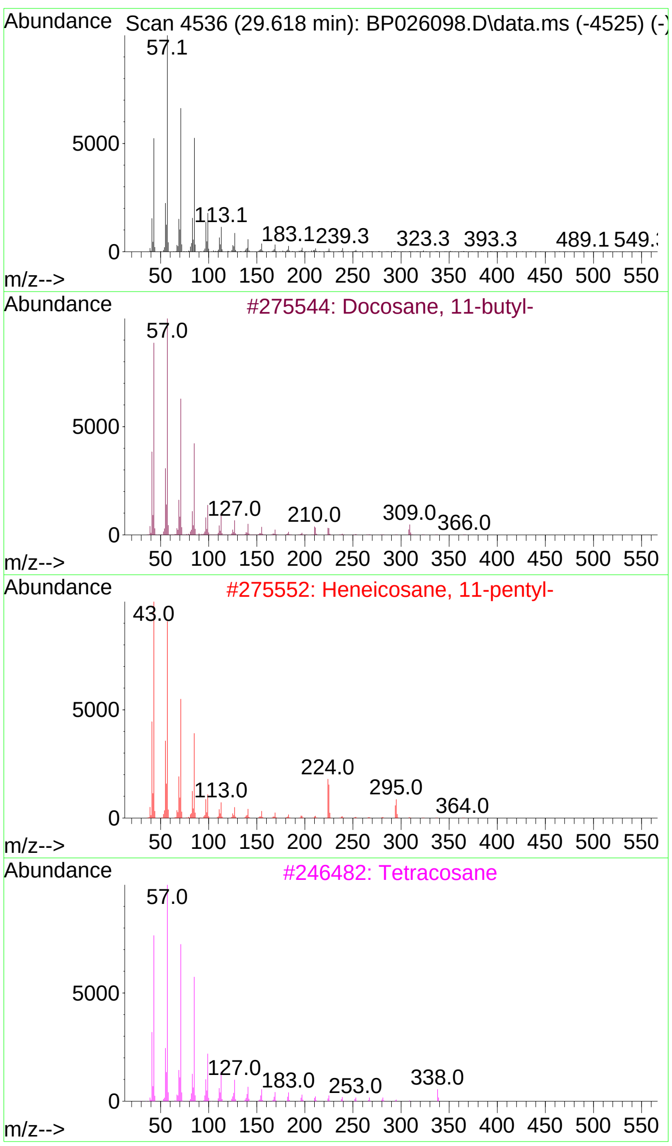
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

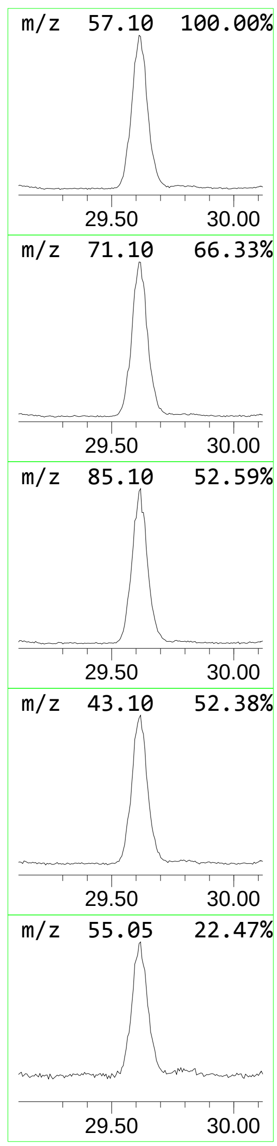
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Docosane, 11-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.618	15.32 ng	3824470	Perylene-d12	24.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
3	Tetracosane	338	C24H50	000646-31-1	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	91





Library Search Compound Report

Sample Results: **BP026098.D**

Instrument :
BNA_P
ClientSampleId :
SED-2

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On    : 11 Nov 2025  20:18
Operator  : RC/JU
Sample    : Q3586-02
Misc      :
ALS Vial  : 10   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

**********************************************************************
Peak Number 10  Tetracosane                     Concentration Rank  8

  R.T.     EstConc          Area       Relative to ISTD         R.T.
----------------------------------------------------------------------
 31.730    3.01 ng         752100    Perylene-d12              24.907

 Hit# of  5    Tentative ID              MW  MolForm       CAS#       Qual
----------------------------------------------------------------------
 1 Tetracosane                          338 C24H50        000646-31-1 93
 2 Docosane, 11-butyl-                  366 C26H54        013475-76-8 93
 3 Docosane, 7-hexyl-                   394 C28H58        055373-86-9 93
 4 Hexadecane, 1-iodo-                  352 C16H33I       000544-77-4 93
 5 Heneicosane                          296 C21H44        000629-94-7 91
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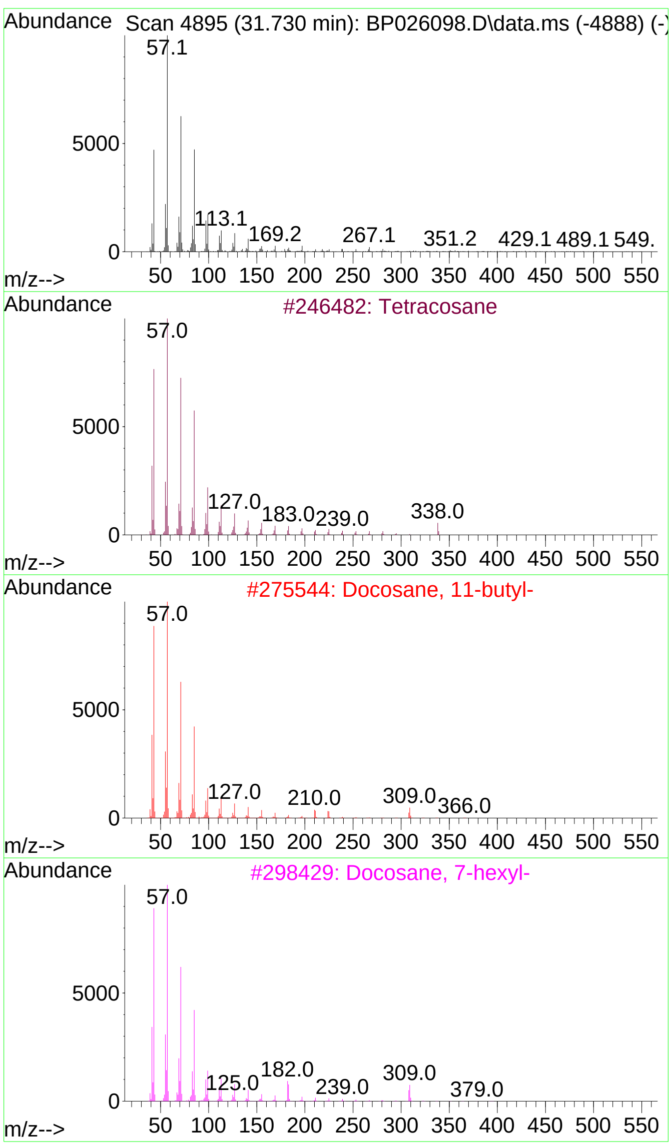

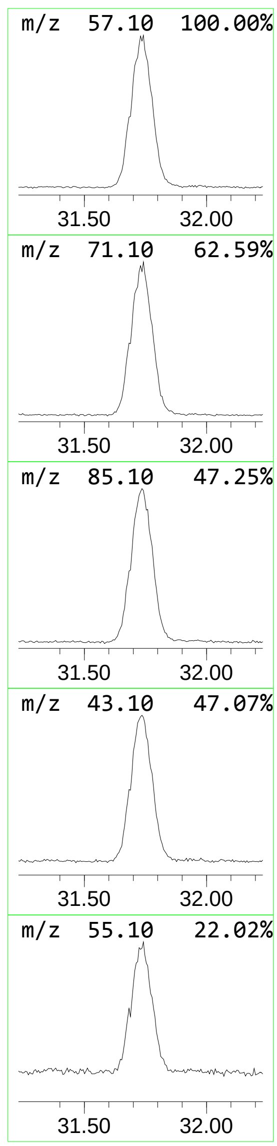

Sample Results: **BP026098.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.701	11.3	ng	1468180	3	14.313	2601190	20.0
n-Hexadecanoic ...	18.083	6.1	ng	990709	4	17.125	3265520	20.0
1-Tricosene	21.272	3.4	ng	726774	5	21.577	4255300	20.0
Octadecane	22.519	2.5	ng	541814	5	21.577	4255300	20.0
Docosane	23.265	2.9	ng	734319	6	24.907	4991710	20.0
Triacontane	25.160	5.7	ng	1424420	6	24.907	4991710	20.0
Docosane, 11-bu...	29.618	15.3	ng	3824470	6	24.907	4991710	20.0
Tetracosane	31.730	3.0	ng	752100	6	24.907	4991710	20.0

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3			SDG No.:	Q3586
Lab Sample ID:	Q3586-03			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	50.9
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	310	U	1	310	650	ug/Kg	11/11/25 16:11	PB170478
108-95-2	Phenol	43.4	U	1	43.4	330	ug/Kg	11/11/25 16:11	PB170478
111-44-4	bis(2-Chloroethyl)ether	47.7	U	1	47.7	330	ug/Kg	11/11/25 16:11	PB170478
95-57-8	2-Chlorophenol	47.9	U	1	47.9	330	ug/Kg	11/11/25 16:11	PB170478
95-48-7	2-Methylphenol	58.7	U	1	58.7	330	ug/Kg	11/11/25 16:11	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	73.6	U	1	73.6	330	ug/Kg	11/11/25 16:11	PB170478
98-86-2	Acetophenone	57.9	U	1	57.9	330	ug/Kg	11/11/25 16:11	PB170478
65794-96-9	3+4-Methylphenols	80.7	U	1	80.7	650	ug/Kg	11/11/25 16:11	PB170478
621-64-7	n-Nitroso-di-n-propylamine	93.0	U	1	93.0	160	ug/Kg	11/11/25 16:11	PB170478
67-72-1	Hexachloroethane	34.5	U	1	34.5	330	ug/Kg	11/11/25 16:11	PB170478
98-95-3	Nitrobenzene	35.9	U	1	35.9	330	ug/Kg	11/11/25 16:11	PB170478
78-59-1	Isophorone	64.4	U	1	64.4	330	ug/Kg	11/11/25 16:11	PB170478
88-75-5	2-Nitrophenol	110	U	1	110	330	ug/Kg	11/11/25 16:11	PB170478
105-67-9	2,4-Dimethylphenol	130	U	1	130	330	ug/Kg	11/11/25 16:11	PB170478
111-91-1	bis(2-Chloroethoxy)methane	60.5	U	1	60.5	330	ug/Kg	11/11/25 16:11	PB170478
120-83-2	2,4-Dichlorophenol	55.5	U	1	55.5	330	ug/Kg	11/11/25 16:11	PB170478
91-20-3	Naphthalene	44.6	U	1	44.6	330	ug/Kg	11/11/25 16:11	PB170478
106-47-8	4-Chloroaniline	69.5	UQ	1	69.5	330	ug/Kg	11/11/25 16:11	PB170478
87-68-3	Hexachlorobutadiene	49.7	U	1	49.7	330	ug/Kg	11/11/25 16:11	PB170478
105-60-2	Caprolactam	100	U	1	100	650	ug/Kg	11/11/25 16:11	PB170478
59-50-7	4-Chloro-3-methylphenol	56.3	U	1	56.3	330	ug/Kg	11/11/25 16:11	PB170478
91-57-6	2-Methylnaphthalene	50.2	U	1	50.2	330	ug/Kg	11/11/25 16:11	PB170478
77-47-4	Hexachlorocyclopentadiene	230	U	1	230	650	ug/Kg	11/11/25 16:11	PB170478
88-06-2	2,4,6-Trichlorophenol	38.9	U	1	38.9	330	ug/Kg	11/11/25 16:11	PB170478
95-95-4	2,4,5-Trichlorophenol	57.1	U	1	57.1	330	ug/Kg	11/11/25 16:11	PB170478
92-52-4	1,1-Biphenyl	42.8	U	1	42.8	330	ug/Kg	11/11/25 16:11	PB170478
91-58-7	2-Chloronaphthalene	44.2	U	1	44.2	330	ug/Kg	11/11/25 16:11	PB170478
88-74-4	2-Nitroaniline	94.4	U	1	94.4	330	ug/Kg	11/11/25 16:11	PB170478
131-11-3	Dimethylphthalate	53.2	U	1	53.2	330	ug/Kg	11/11/25 16:11	PB170478
208-96-8	Acenaphthylene	56.7	U	1	56.7	330	ug/Kg	11/11/25 16:11	PB170478
606-20-2	2,6-Dinitrotoluene	65.9	U	1	65.9	330	ug/Kg	11/11/25 16:11	PB170478
99-09-2	3-Nitroaniline	90.3	UQ	1	90.3	330	ug/Kg	11/11/25 16:11	PB170478
83-32-9	Acenaphthene	41.8	U	1	41.8	330	ug/Kg	11/11/25 16:11	PB170478
51-28-5	2,4-Dinitrophenol	450	U	1	450	650	ug/Kg	11/11/25 16:11	PB170478
100-02-7	4-Nitrophenol	210	U	1	210	650	ug/Kg	11/11/25 16:11	PB170478
132-64-9	Dibenzofuran	44.6	U	1	44.6	330	ug/Kg	11/11/25 16:11	PB170478
121-14-2	2,4-Dinitrotoluene	98.3	U	1	98.3	330	ug/Kg	11/11/25 16:11	PB170478
84-66-2	Diethylphthalate	55.5	U	1	55.5	330	ug/Kg	11/11/25 16:11	PB170478
7005-72-3	4-Chlorophenyl-phenylether	52.4	U	1	52.4	330	ug/Kg	11/11/25 16:11	PB170478
86-73-7	Fluorene	49.7	U	1	49.7	330	ug/Kg	11/11/25 16:11	PB170478
100-01-6	4-Nitroaniline	130	U	1	130	330	ug/Kg	11/11/25 16:11	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	200	U	1	200	650	ug/Kg	11/11/25 16:11	PB170478

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3			SDG No.:	Q3586
Lab Sample ID:	Q3586-03			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	50.9
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	64.6	U	1	64.6	330	ug/Kg	11/11/25 16:11	PB170478
101-55-3	4-Bromophenyl-phenylether	54.6	U	1	54.6	330	ug/Kg	11/11/25 16:11	PB170478
118-74-1	Hexachlorobenzene	49.7	U	1	49.7	330	ug/Kg	11/11/25 16:11	PB170478
1912-24-9	Atrazine	66.7	U	1	66.7	330	ug/Kg	11/11/25 16:11	PB170478
87-86-5	Pentachlorophenol	100	U	1	100	650	ug/Kg	11/11/25 16:11	PB170478
85-01-8	Phenanthrene	41.0	U	1	41.0	330	ug/Kg	11/11/25 16:11	PB170478
120-12-7	Anthracene	65.4	U	1	65.4	330	ug/Kg	11/11/25 16:11	PB170478
86-74-8	Carbazole	61.2	U	1	61.2	330	ug/Kg	11/11/25 16:11	PB170478
84-74-2	Di-n-butylphthalate	94.0	U	1	94.0	330	ug/Kg	11/11/25 16:11	PB170478
206-44-0	Fluoranthene	58.9	U	1	58.9	330	ug/Kg	11/11/25 16:11	PB170478
129-00-0	Pyrene	70.7	U	1	70.7	330	ug/Kg	11/11/25 16:11	PB170478
85-68-7	Butylbenzylphthalate	140	U	1	140	330	ug/Kg	11/11/25 16:11	PB170478
91-94-1	3,3-Dichlorobenzidine	72.0	U	1	72.0	650	ug/Kg	11/11/25 16:11	PB170478
56-55-3	Benzo(a)anthracene	45.1	U	1	45.1	330	ug/Kg	11/11/25 16:11	PB170478
218-01-9	Chrysene	39.1	U	1	39.1	330	ug/Kg	11/11/25 16:11	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	200	J	1	120	330	ug/Kg	11/11/25 16:11	PB170478
117-84-0	Di-n-octyl phthalate	170	U	1	170	650	ug/Kg	11/11/25 16:11	PB170478
205-99-2	Benzo(b)fluoranthene	37.3	U	1	37.3	330	ug/Kg	11/11/25 16:11	PB170478
207-08-9	Benzo(k)fluoranthene	44.0	U	1	44.0	330	ug/Kg	11/11/25 16:11	PB170478
50-32-8	Benzo(a)pyrene	57.9	U	1	57.9	330	ug/Kg	11/11/25 16:11	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	57.1	U	1	57.1	330	ug/Kg	11/11/25 16:11	PB170478
53-70-3	Dibenzo(a,h)anthracene	53.8	U	1	53.8	330	ug/Kg	11/11/25 16:11	PB170478
191-24-2	Benzo(g,h,i)perylene	50.4	U	1	50.4	330	ug/Kg	11/11/25 16:11	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	50.2	U	1	50.2	330	ug/Kg	11/11/25 16:11	PB170478
123-91-1	1,4-Dioxane	88.7	U	1	88.7	330	ug/Kg	11/11/25 16:11	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	53.8	U	1	53.8	330	ug/Kg	11/11/25 16:11	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	120			30 (10) - 130 (105)	80%	SPK: 150		
13127-88-3	Phenol-d6	117			30 (10) - 130 (103)	78%	SPK: 150		
4165-60-0	Nitrobenzene-d5	83.7			30 (10) - 130 (108)	84%	SPK: 100		
321-60-8	2-Fluorobiphenyl	75.2			30 (10) - 130 (108)	75%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	146			30 (10) - 130 (116)	98%	SPK: 150		
1718-51-0	Terphenyl-d14	73.9			30 (10) - 130 (109)	74%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	318000							
1146-65-2	Naphthalene-d8	1210000							
15067-26-2	Acenaphthene-d10	729000							
1517-22-2	Phenanthrene-d10	1510000							
1719-03-5	Chrysene-d12	1770000							
1520-96-3	Perylene-d12	2180000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	420	J			15.7	ug/Kg		
000057-10-3	n-Hexadecanoic acid	640	J			18.1	ug/Kg		

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3			SDG No.:	Q3586
Lab Sample ID:	Q3586-03			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	50.9
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-11-4	Octadecanoic acid	130	J			19.4	ug/Kg		
077899-03-7	1-Heneicosyl formate	350	J			21.3	ug/Kg		

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

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

Sample Results: **BP026092.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Time: Nov 11 16:33:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.678	152	318405	20.000 ng	-0.01
21) Naphthalene-d8	10.455	136	1214569	20.000 ng	0.00
39) Acenaphthene-d10	14.319	164	729423	20.000 ng	0.00
64) Phenanthrene-d10	17.131	188	1507921	20.000 ng	0.00
76) Chrysene-d12	21.577	240	1773559	20.000 ng	0.01
86) Perylene-d12	24.918	264	2177402	20.000 ng	0.04
System Monitoring Compounds					
5) 2-Fluorophenol	5.296	112	2310855	119.757 ng	0.00
7) Phenol-d6	6.855	99	2883548	117.407 ng	0.00
23) Nitrobenzene-d5	8.819	82	1631319	83.730 ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	1155024	146.469 ng	0.00
45) 2-Fluorobiphenyl	12.925	172	3817179	75.196 ng	0.00
79) Terphenyl-d14	19.878	244	6447175	73.855 ng	0.01
Target Compounds					Qvalue
84) Bis(2-ethylhexyl)phtha...	21.525	149	34867	3.059 ng	# 99

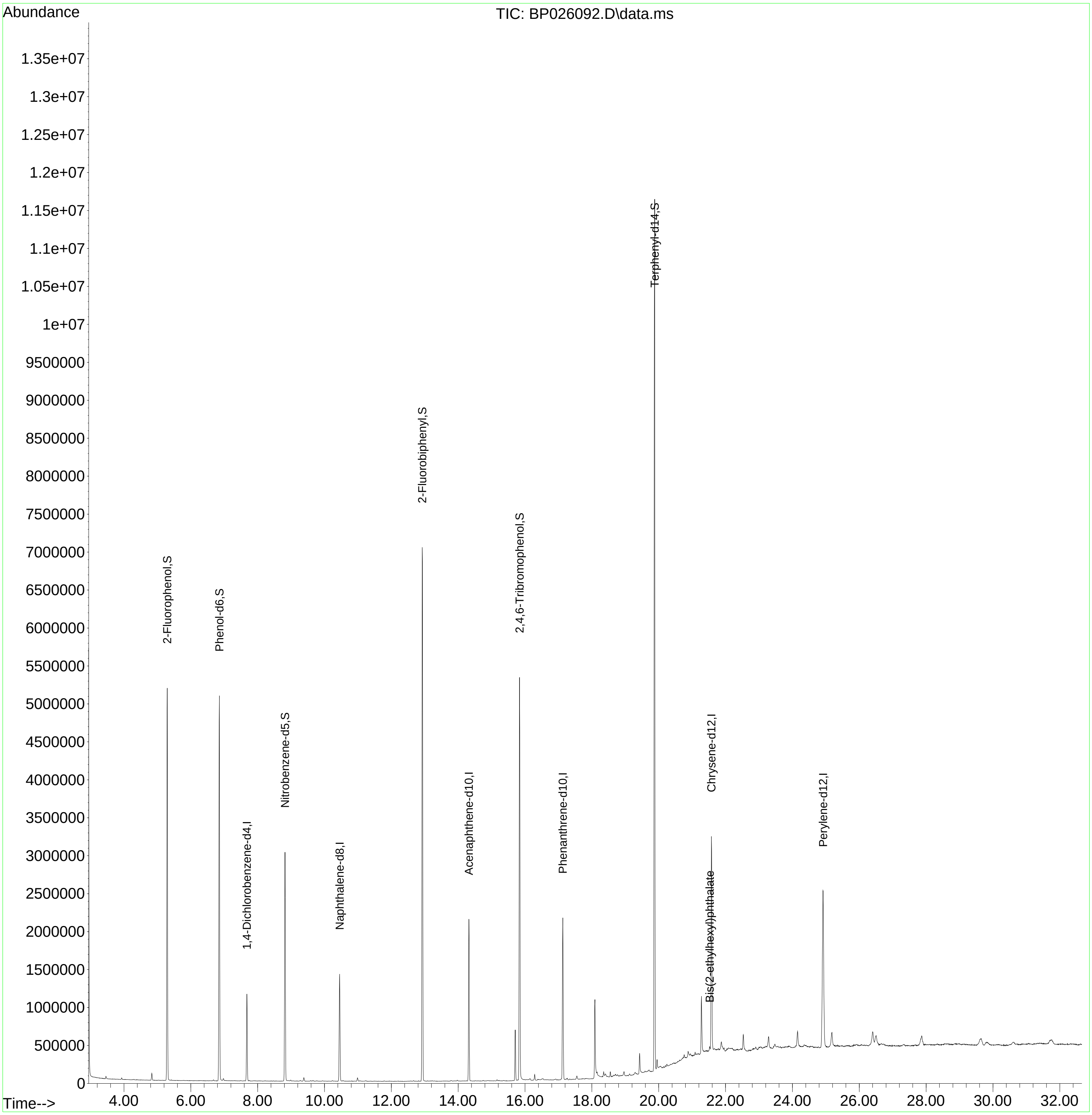
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: **BP026092.D**

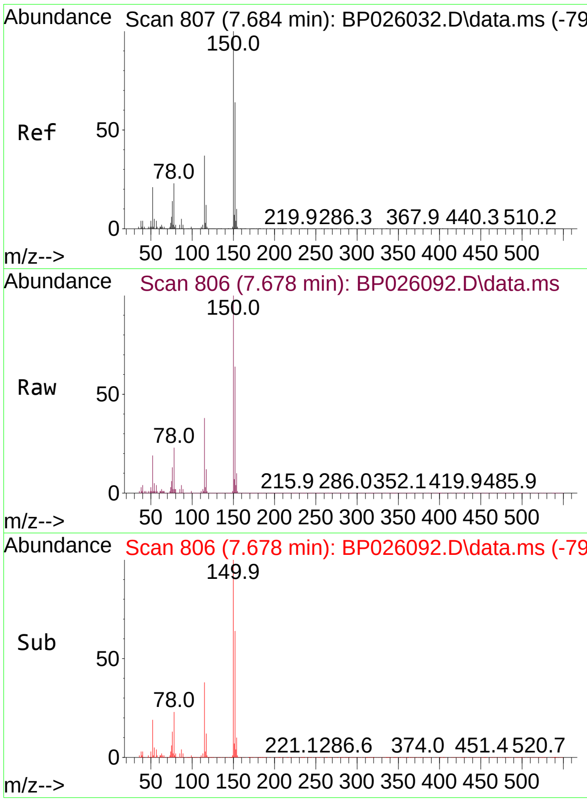
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Time: Nov 11 16:33:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



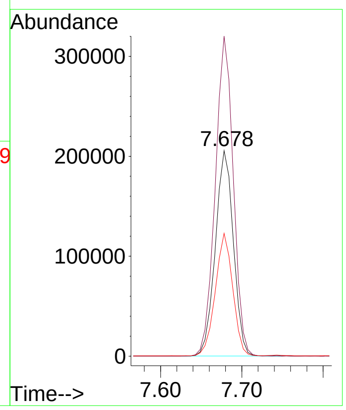
Instrument :
BNA_P
ClientSampleId :
SED-3

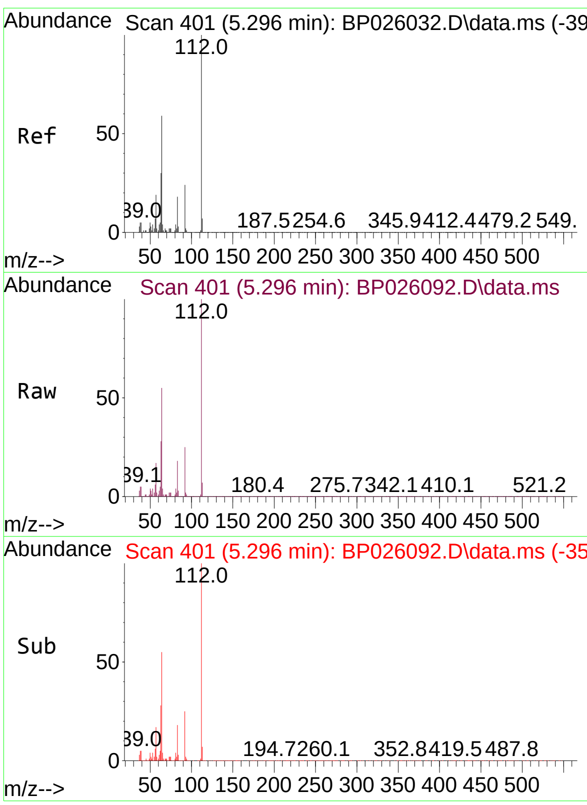


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:152 Resp: 318405

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.7	188.5
115	59.8	46.4	69.6

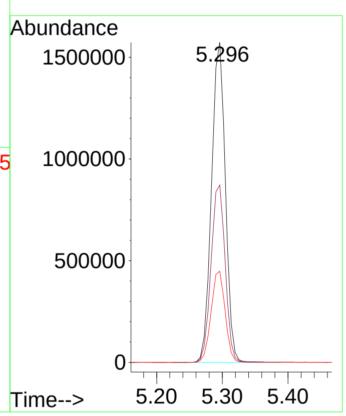




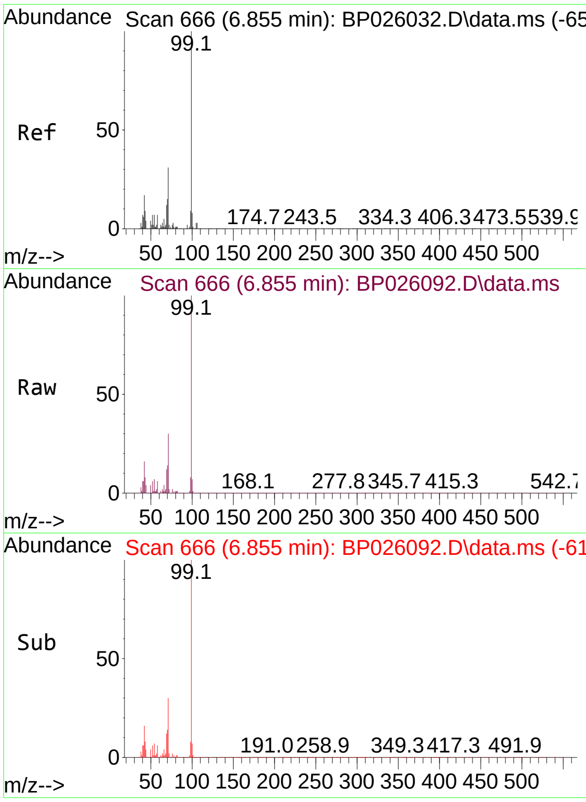
#5
2-Fluorophenol
Concen: 119.757 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:112 Resp: 2310855

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.4	71.2
63	28.5	24.2	36.4



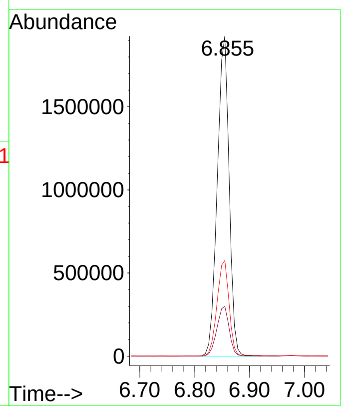
Instrument :
BNA_P
ClientSampleId :
SED-3

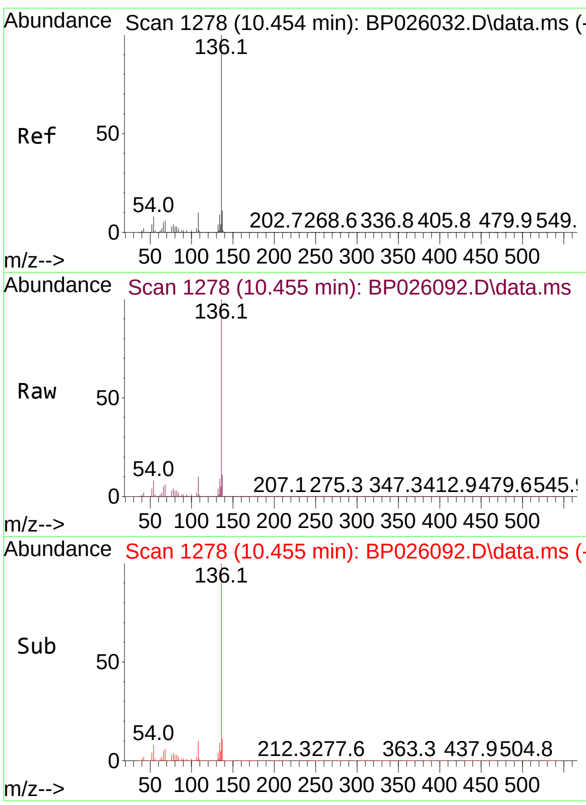


#7
Phenol-d6
Concen: 117.407 ng
RT: 6.855 min Scan# 66
Delta R.T. 0.000 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion: 99 Resp: 2883548

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.7	20.5
71	29.9	24.4	36.6

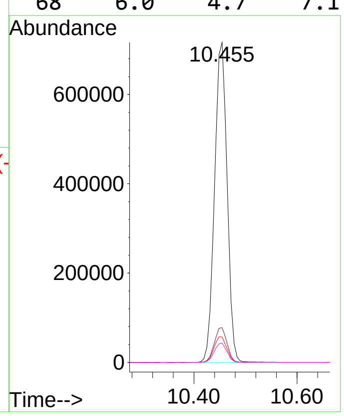




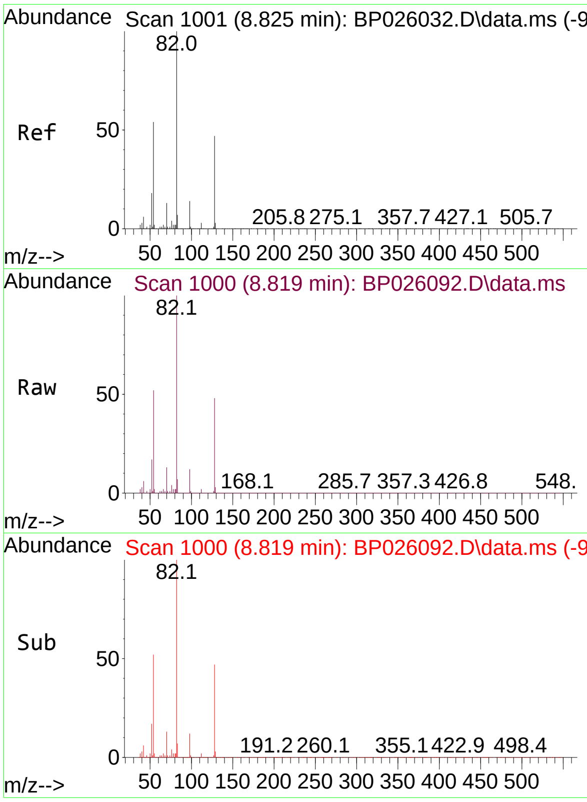
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.455 min Scan# 1278
Delta R.T. 0.001 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:136 Resp: 1214569

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.9	6.6	10.0
68	6.0	4.7	7.1



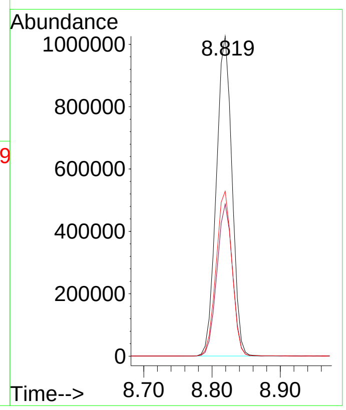
Instrument :
BNA_P
ClientSampleId :
SED-3

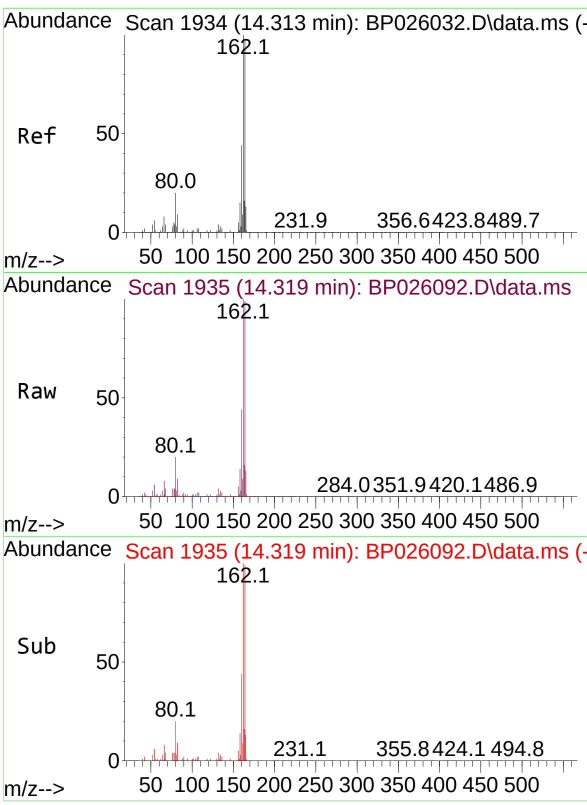


#23
Nitrobenzene-d5
Concen: 83.730 ng
RT: 8.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion: 82 Resp: 1631319

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	51.5	42.7	64.1

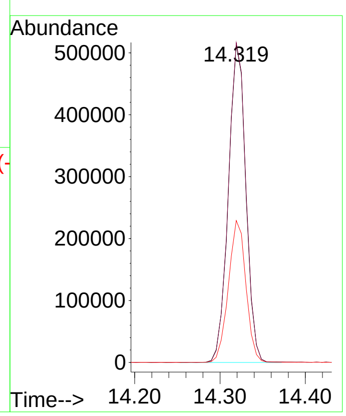




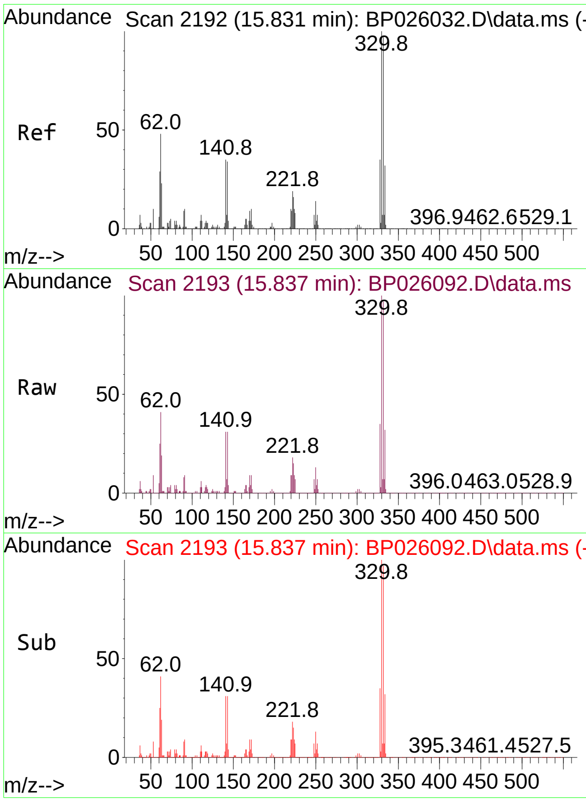
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:164 Resp: 729423

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.5	122.3
160	44.6	36.2	54.4

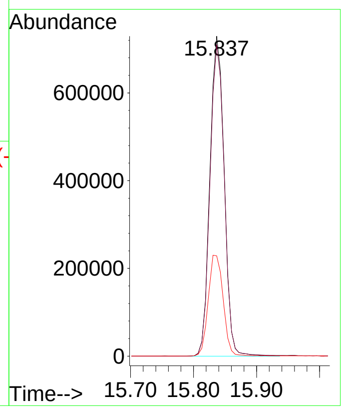


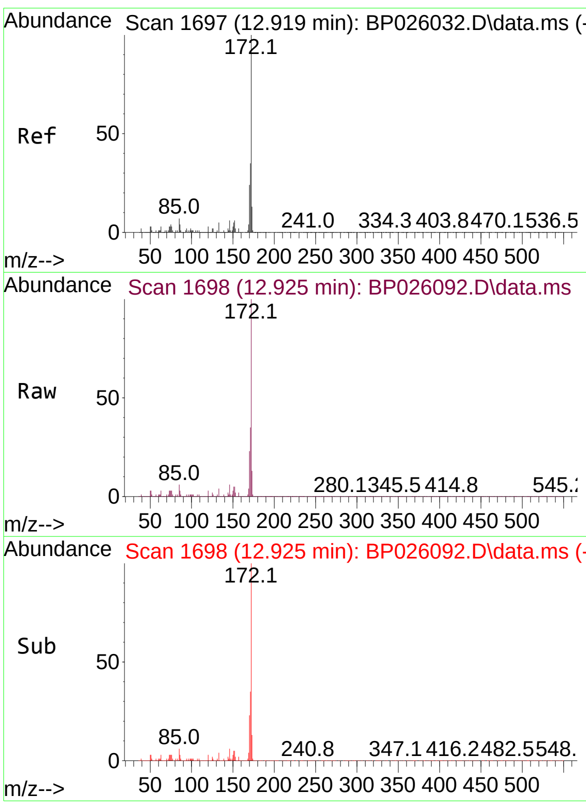
Instrument :
BNA_P
ClientSampleId :
SED-3




```
#42
2,4,6-Tribromophenol
Concen:  146.469 ng
RT:  15.837 min  Scan# 2
Delta R.T.  0.006 min
Lab File:   BP026092.D
Acq: 11 Nov 2025  16:11

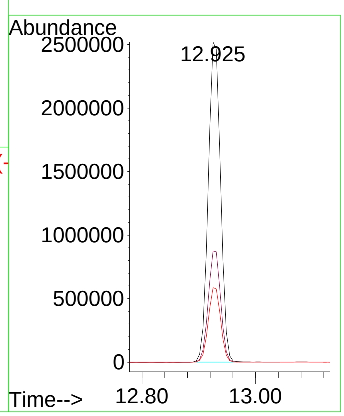
Tgt Ion:330 Resp: 1155024
Ion  Ratio  Lower  Upper
330  100
332   97.0   77.3  115.9
141   32.8   28.6   42.8
```



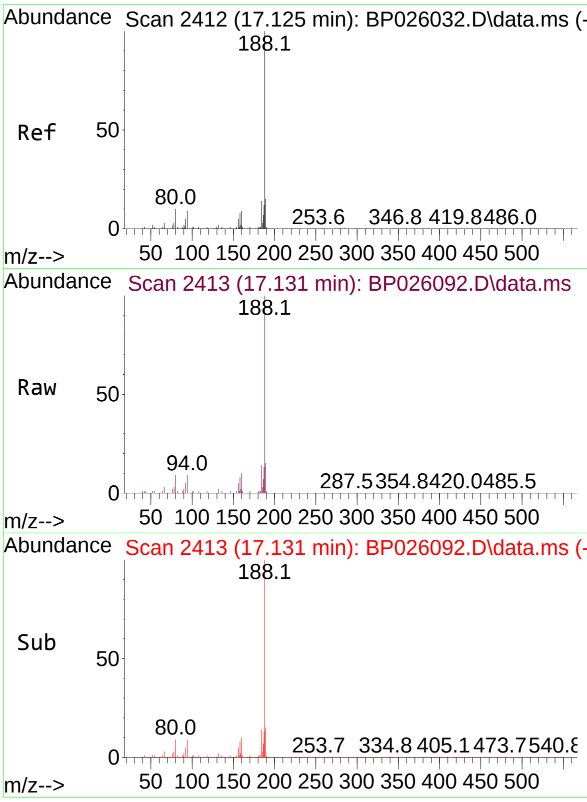



```
#45
2-Fluorobiphenyl
Concen:   75.196 ng
RT:  12.925 min  Scan# 1698
Delta R.T.  -0.006 min
Lab File:   BP026092.D
Acq: 11 Nov 2025  16:11

Tgt Ion:172 Resp: 3817179
Ion  Ratio  Lower  Upper
172  100
171   34.7   27.9   41.9
170   23.3   19.0   28.4
```



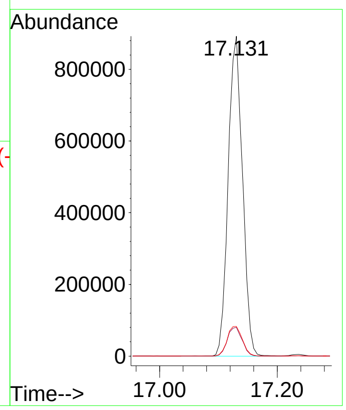
Instrument :
BNA_P
ClientSampleId :
SED-3

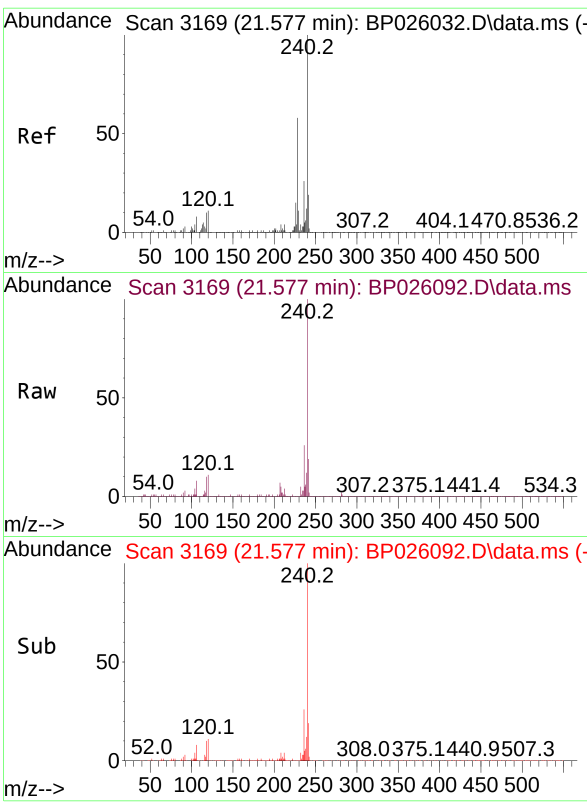


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:188 Resp: 1507921

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.3	7.9	11.9

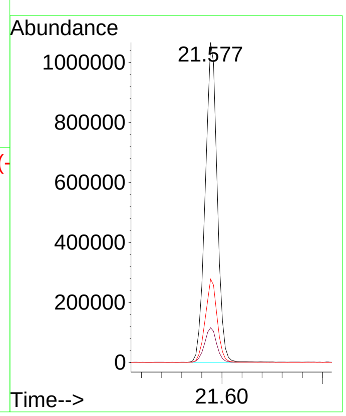




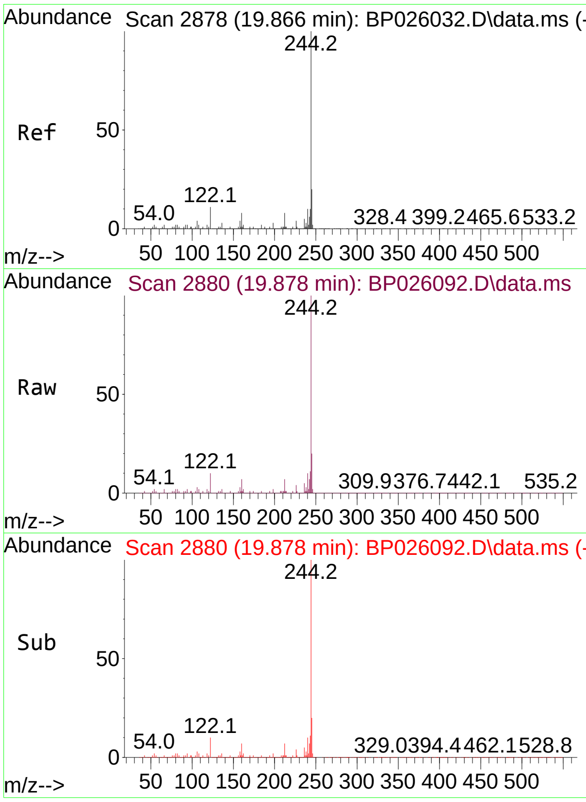
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:240 Resp: 1773559

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.0	20.6	31.0



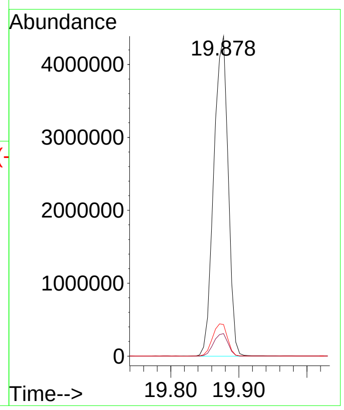
Instrument :
BNA_P
ClientSampleId :
SED-3

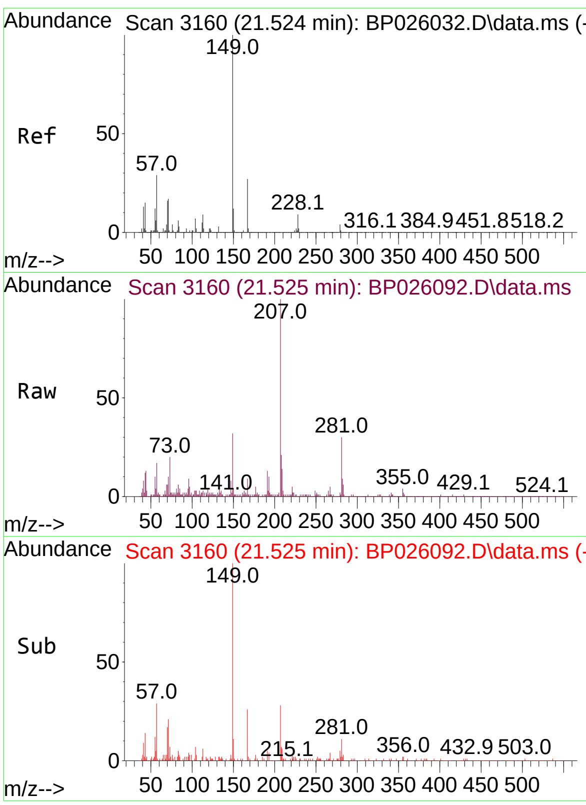


#79
Terphenyl-d14
Concen: 73.855 ng
RT: 19.878 min Scan# 28
Delta R.T. 0.012 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:244 Resp: 6447175

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.9	9.0	13.6

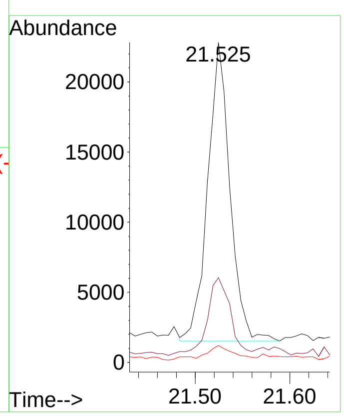


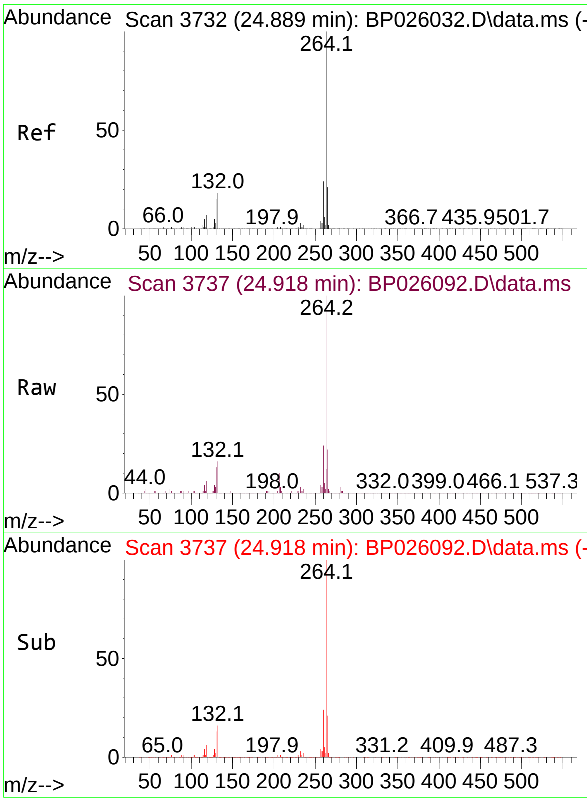


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.059 ng
RT: 21.525 min Scan# 3160
Delta R.T. 0.007 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:149 Resp: 34867

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.5	32.3
279	5.3	3.0	4.6#



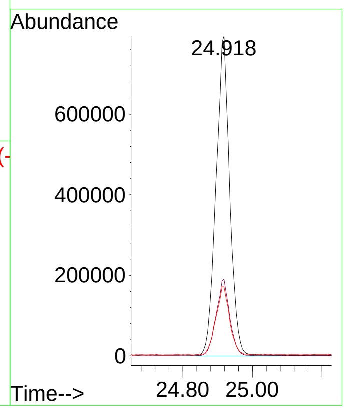


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 37
Delta R.T. 0.036 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Instrument :
BNA_P
ClientSampleId :
SED-3

Tgt Ion:264 Resp: 2177402

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.6	17.2	25.8



Sample Results: **BP026092.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026092.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.296	394	401	415	rVB	5166648	7661635	44.94%	9.263%
2	6.855	656	666	678	rBV	5073753	7795845	45.72%	9.425%
3	7.678	799	806	814	rVB	1145545	1766955	10.36%	2.136%
4	8.819	992	1000	1012	rBV	3014196	4847308	28.43%	5.860%
5	10.455	1268	1278	1291	rBV	1413747	2416630	14.17%	2.922%
6	12.925	1691	1698	1711	rBV	7033784	10678637	62.63%	12.911%
7	14.319	1928	1935	1942	rBV	2131394	3048034	17.88%	3.685%
8	15.707	2165	2171	2180	rBV	668176	973975	5.71%	1.178%
9	15.837	2186	2193	2213	rBV	5304291	8632999	50.63%	10.437%
10	17.131	2406	2413	2421	rVB	2128467	3631314	21.30%	4.390%
11	18.089	2570	2576	2585	rBV	1033888	1779540	10.44%	2.151%
12	19.425	2799	2803	2814	rBV	266578	477858	2.80%	0.578%
13	19.878	2873	2880	2887	rBV	11482543	17050362	100.00%	20.614%
14	19.948	2889	2892	2900	rVV	116477	191616	1.12%	0.232%
15	21.278	3113	3118	3128	rBV	752373	1237108	7.26%	1.496%
16	21.577	3163	3169	3178	rVB2	2806666	4656996	27.31%	5.630%
17	22.530	3327	3331	3337	rVB	189553	319865	1.88%	0.387%
18	24.913	3727	3736	3749	rVB	2042236	5546039	32.53%	6.705%

Sum of corrected areas: 82712716

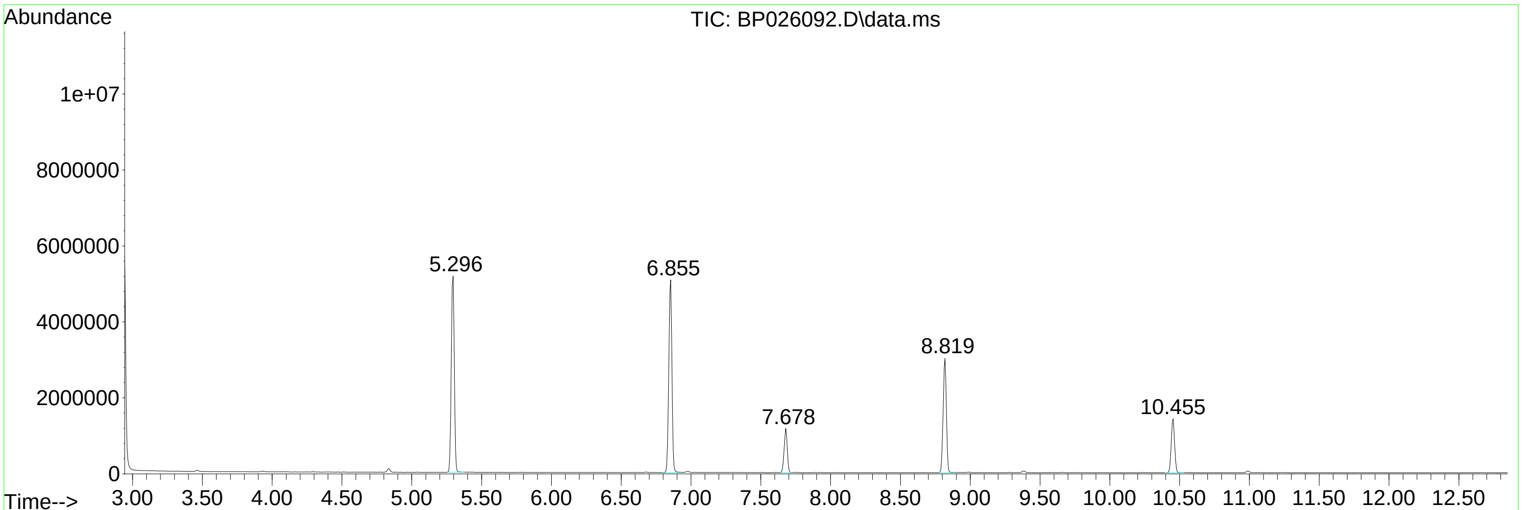
Sample Results: **BP026092.D**

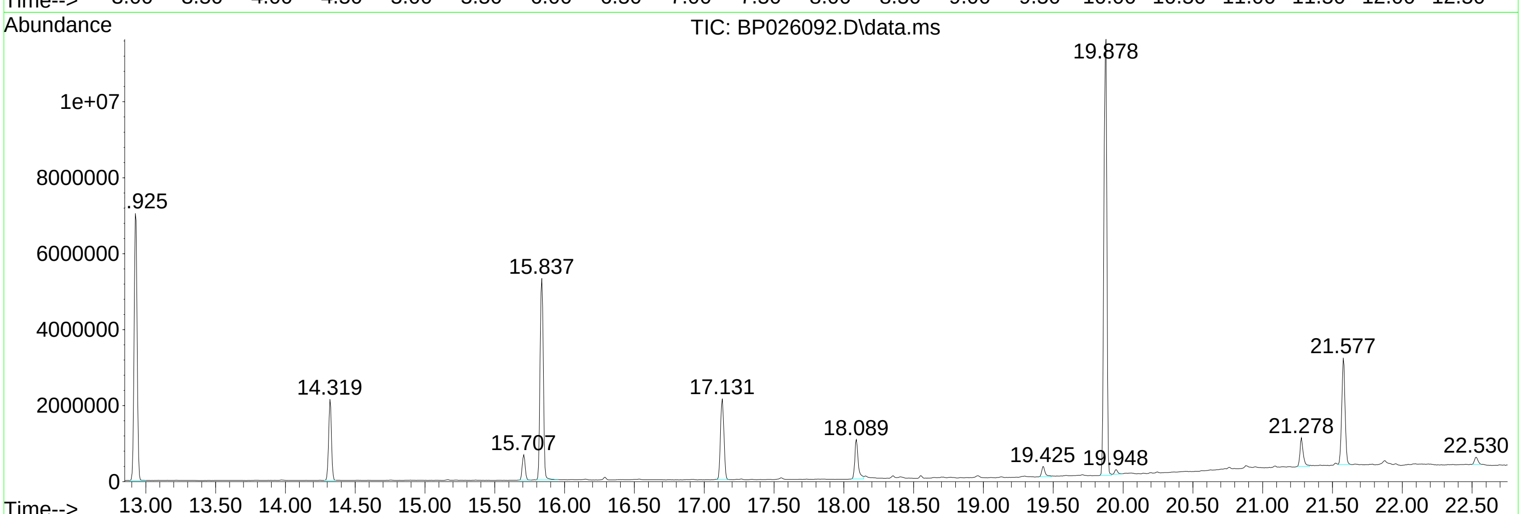
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

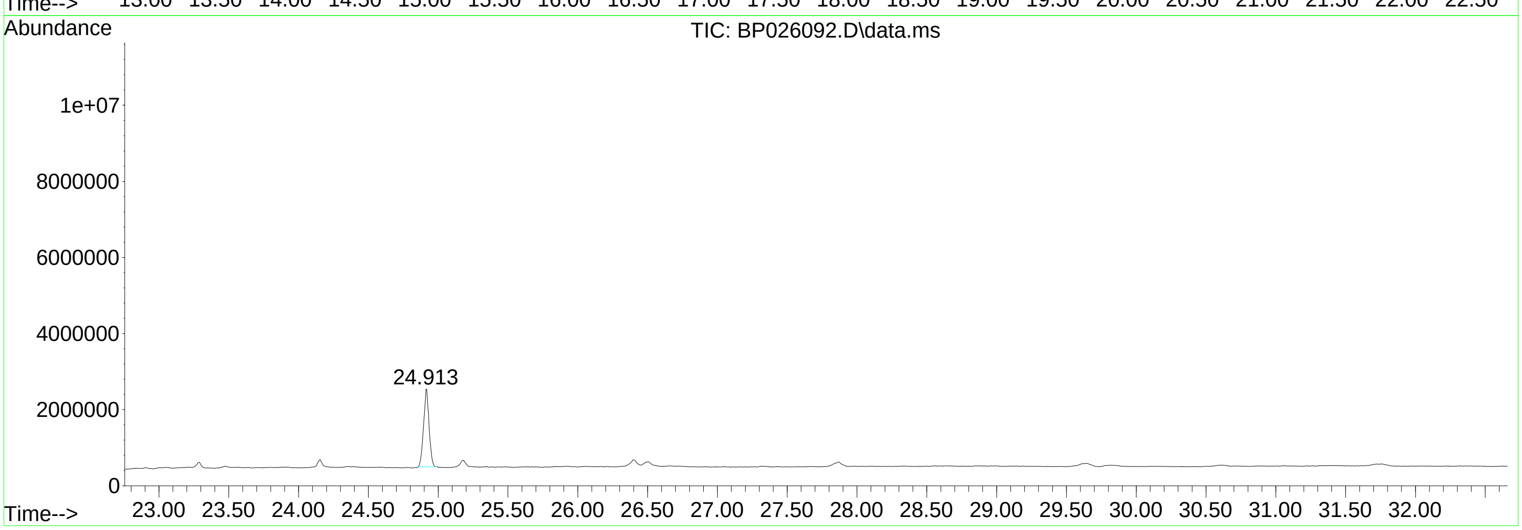
Instrument :	BNA_P
ClientSampleId :	SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Library Search Compound Report

Sample Results: **BP026092.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

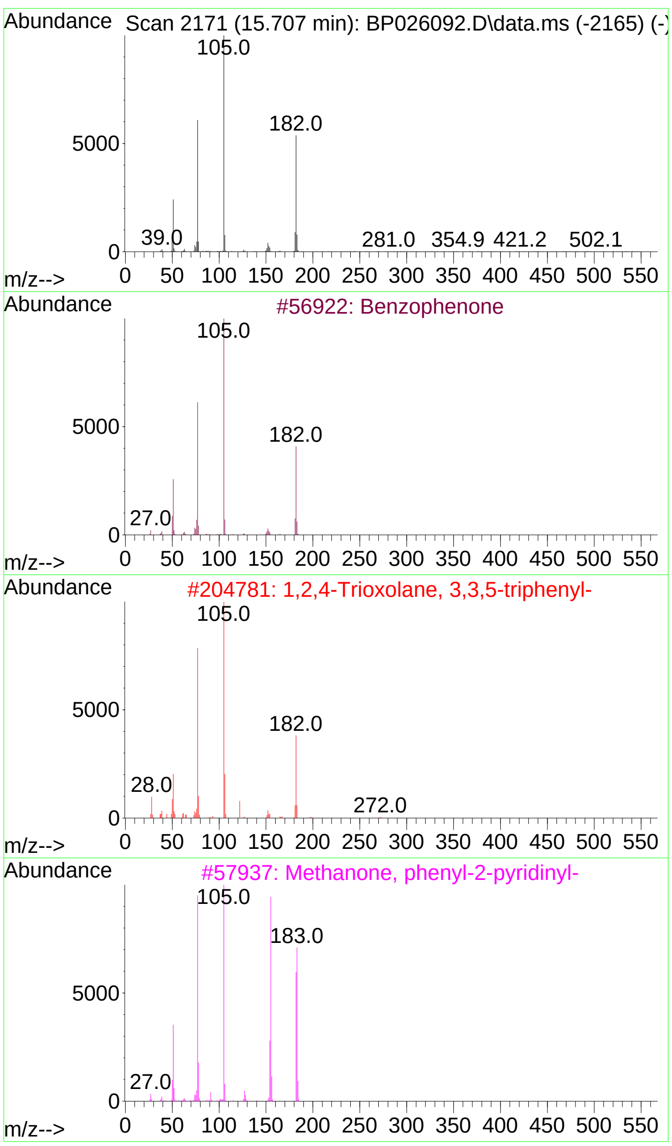
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

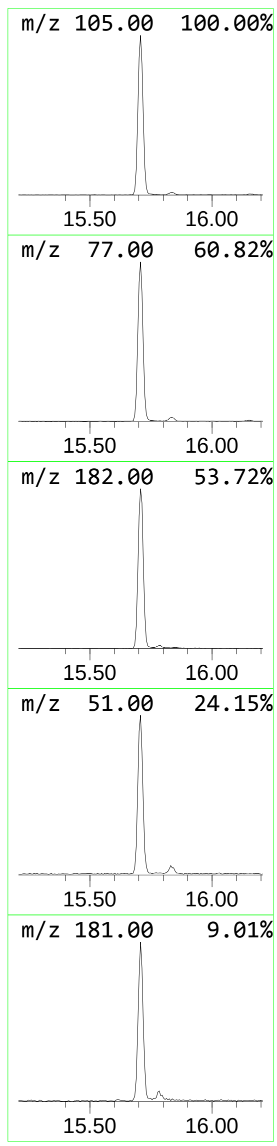
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.707	6.39 ng	973975	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	45
4	Azobenzene	182	C12H10N2	000103-33-3	42
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





Library Search Compound Report

Sample Results: **BP026092.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On    : 11 Nov 2025  16:11
Operator  : RC/JU
Sample    : Q3586-03
Misc      :
ALS Vial  : 4   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

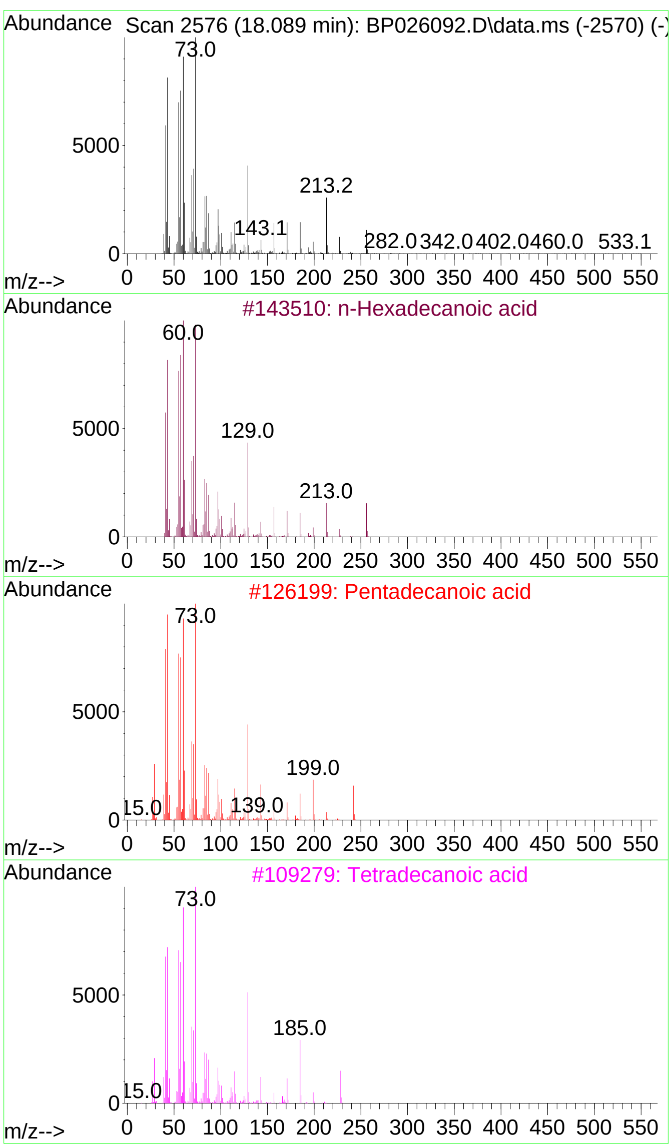
TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

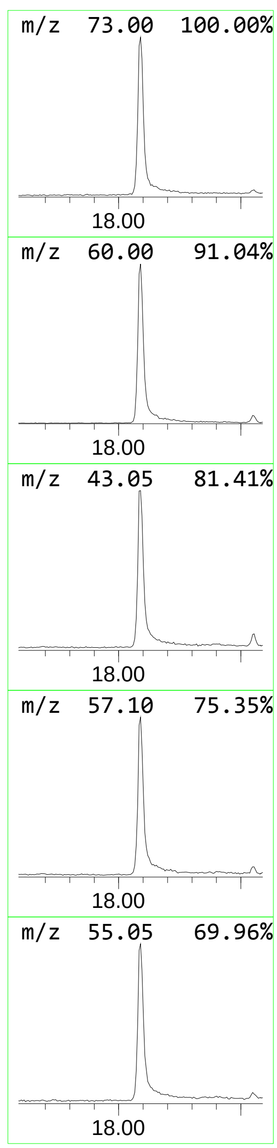
Instrument :
BNA_P
ClientSampleId :
SED-3

```
*********************************************************************
Peak Number  2  n-Hexadecanoic acid           Concentration Rank  1
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	9.80 ng	1779540	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Sample Results: **BP026092.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On    : 11 Nov 2025  16:11
Operator  : RC/JU
Sample    : Q3586-03
Misc      :
ALS Vial  : 4   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

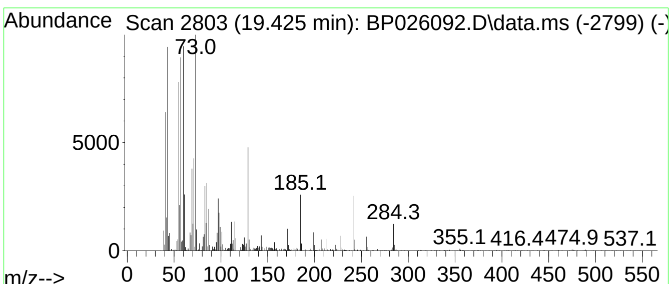
TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

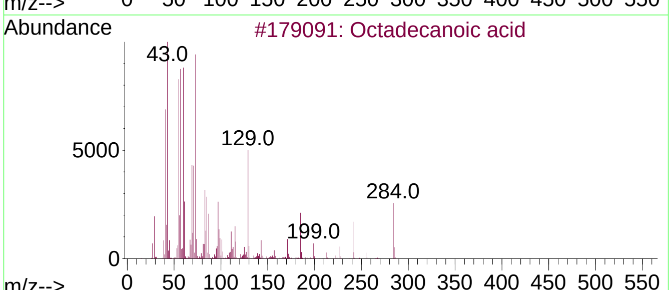
Instrument :
BNA_P
ClientSampleId :
SED-3

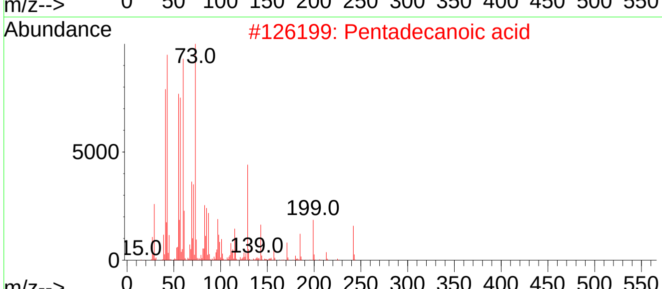
```
*********************************************************************
Peak Number  3  Octadecanoic acid              Concentration Rank  4

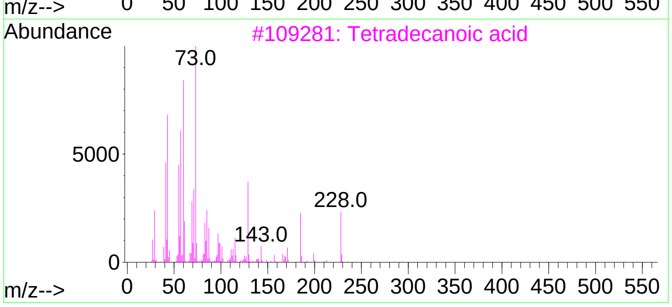
  R.T.     EstConc          Area       Relative to ISTD         R.T.
---------------------------------------------------------------------
 19.425    2.05 ng         477858    Chrysene-d12              21.578

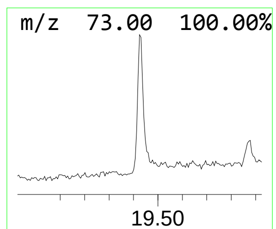
 Hit# of  5    Tentative ID              MW  MolForm       CAS#      Qual
---------------------------------------------------------------------
 1 Octadecanoic acid                    284 C18H36O2       000057-11-4 99
 2 Pentadecanoic acid                   242 C15H30O2       001002-84-2 90
 3 Tetradecanoic acid                   228 C14H28O2       000544-63-8 87
 4 n-Hexadecanoic acid                  256 C16H32O2       000057-10-3 83
 5 n-Decanoic acid                      172 C10H20O2       000334-48-5 70
```

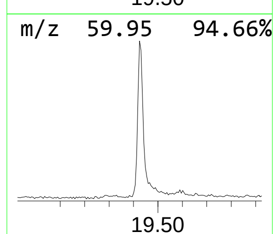


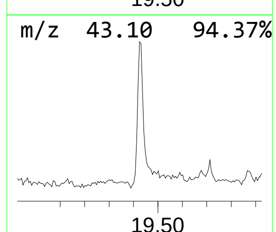


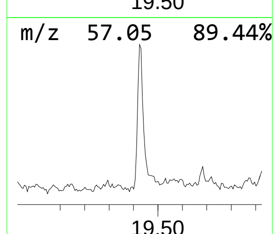


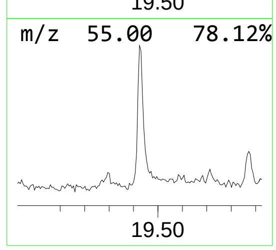












```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On    : 11 Nov 2025  16:11
Operator  : RC/JU
Sample    : Q3586-03
Misc      :
ALS Vial  : 4   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

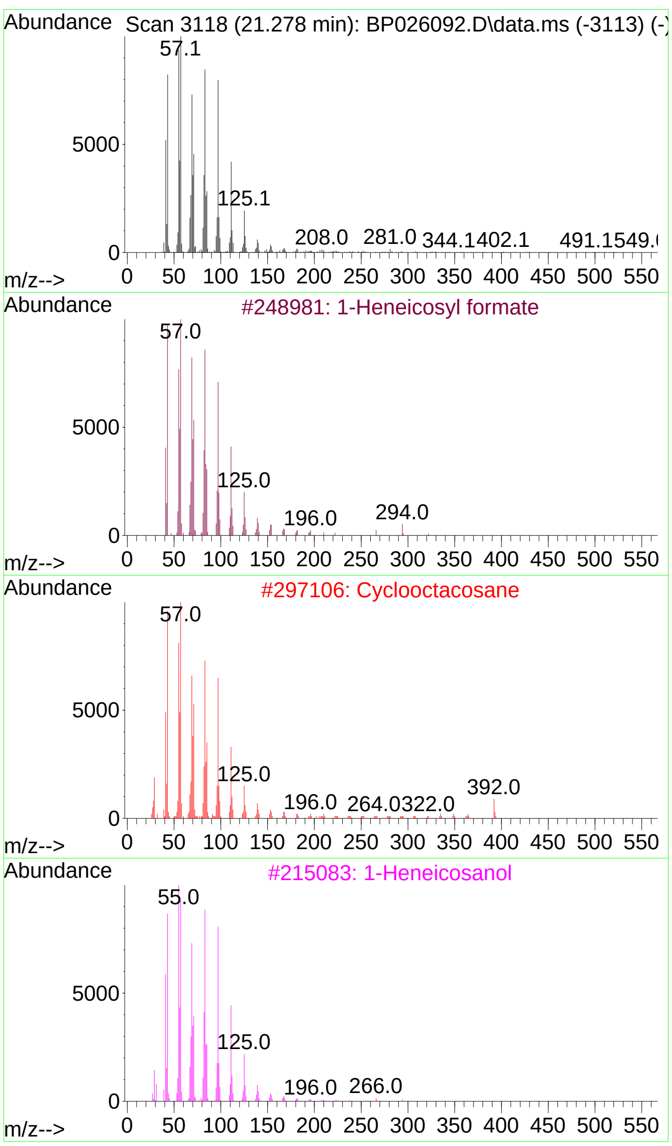
Instrument :
BNA_P
ClientSampleId :
SED-3

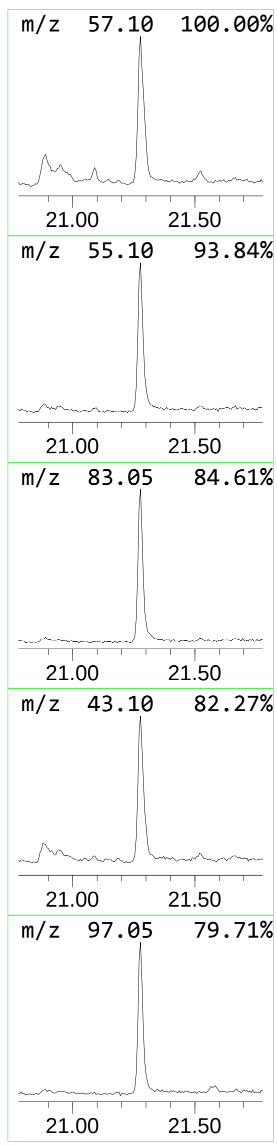
****

Peak Number 4 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.278	5.31 ng	1237110	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	99
2	Cyclooctacosane	392	C28H56	000297-24-5	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





Sample Results: **BP026092.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.707	6.4	ng	973975	3	14.319	3048030	20.0
n-Hexadecanoic ...	18.089	9.8	ng	1779540	4	17.131	3631310	20.0
Octadecanoic acid	19.425	2.0	ng	477858	5	21.578	4657000	20.0
1-Heneicosyl fo...	21.278	5.3	ng	1237110	5	21.578	4657000	20.0

Alliance
TECHNICAL GROUP

CALIBRATION SUMMARY

Alliance TECHNICAL GROUP

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

6C
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance   Contract: REMI02

Lab Code: ACE   SDG No.: Q3586

Instrument ID: BNA_F   Calibration Date(s): 11/05/2025   11/05/2025

Calibration Time(s): 12:50   16:49

LAB FILE ID: RRF2.5 = BF144169.D   RRF005 = BF144170.D   RRF010 = BF144171.D
RRF020 = BF144172.D   RRF040 = BF144173.D   RRF050 = BF144174.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.278	5.6
Benzaldehyde			1.033	0.917	0.816	0.672	0.818	17.0
Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.448	7.1
Phenol		1.845	1.896	1.840	1.858	1.562	1.769	7.6
bis(2-Chloroethyl)ether		1.278	1.333	1.342	1.316	1.155	1.289	5.2
2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.253	4.6
2-Methylphenol		1.031	1.054	1.007	1.033	0.895	0.997	5.4
2,2-oxybis(1-Chloropropane)		2.408	2.470	2.496	2.418	2.147	2.374	5.5
Acetophenone		0.479	0.464	0.434	0.434	0.380	0.429	8.3
3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	9.2
n-Nitroso-di-n-propylamine	0.998	1.010	1.023	0.996	0.950	0.813	0.953	7.4
Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.346	4.1
Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.515	4.9
Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.376	4.9
Isophorone		0.659	0.668	0.669	0.673	0.581	0.655	5.1
2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.186	6.5
2,4-Dimethylphenol		0.281	0.278	0.265	0.298	0.260	0.279	5.1
bis(2-Chloroethoxy)methane		0.426	0.417	0.412	0.423	0.372	0.409	5.0
2,4-Dichlorophenol		0.334	0.342	0.330	0.331	0.289	0.322	6.2
Naphthalene		1.019	1.008	0.982	0.969	0.850	0.951	6.7
4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.347	6.1
Hexachlorobutadiene		0.256	0.250	0.252	0.259	0.232	0.249	4.0
Caprolactam			0.094	0.093	0.092	0.075	0.088	8.1
4-Chloro-3-methylphenol		0.283	0.307	0.304	0.297	0.259	0.288	5.8
2-Methylnaphthalene		0.702	0.672	0.665	0.647	0.559	0.636	8.0
Hexachlorocyclopentadiene			0.121	0.142	0.200	0.204	0.195	27.8
2,4,6-Trichlorophenol		0.440	0.449	0.449	0.456	0.409	0.446	5.5
2-Fluorobiphenyl		1.598	1.428	1.361	1.350	1.177	1.354	10.7
2,4,5-Trichlorophenol		0.497	0.489	0.497	0.489	0.438	0.481	5.1
1,1-Biphenyl		1.535	1.446	1.425	1.408	1.239	1.396	7.5
2-Chloronaphthalene		1.303	1.216	1.206	1.204	1.068	1.191	7.1
2-Nitroaniline		0.302	0.347	0.349	0.361	0.326	0.344	6.8
Dimethylphthalate		1.437	1.343	1.359	1.345	1.168	1.325	6.7
Acenaphthylene		1.727	1.686	1.677	1.645	1.440	1.623	6.6

All other compounds must meet a minimum RRF of 0.010.

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance   Contract: REMI02

Lab Code: ACE   SDG No.: Q3586

Instrument ID: BNA_F   Calibration Date(s): 11/05/2025   11/05/2025

Calibration Time(s): 12:50   16:49

LAB FILE ID: RRF2.5 = BF144169.D   RRF005 = BF144170.D   RRF010 = BF144171.D
RRF020 = BF144172.D   RRF040 = BF144173.D   RRF050 = BF144174.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.251	0.271	0.271	0.276	0.252	0.268	5.2
3-Nitroaniline		0.271	0.301	0.302	0.315	0.264	0.293	7.1
Acenaphthene		1.138	1.162	1.120	1.096	0.956	1.085	6.9
2,4-Dinitrophenol			0.202	0.166	0.140	0.133	0.162	15.0
4-Nitrophenol			0.273	0.202	0.204	0.185	0.212	14.6
Dibenzofuran		1.644	1.600	1.586	1.551	1.337	1.520	8.0
2,4-Dinitrotoluene		0.322	0.377	0.372	0.385	0.328	0.359	7.1
Diethylphthalate		1.294	1.273	1.254	1.254	1.075	1.221	6.3
4-Chlorophenyl-phenylether		0.711	0.701	0.678	0.685	0.570	0.658	7.9
Fluorene		1.295	1.223	1.197	1.180	0.997	1.156	8.9
4-Nitroaniline		0.273	0.290	0.293	0.288	0.254	0.279	5.1
4,6-Dinitro-2-methylphenol			0.147	0.138	0.130	0.120	0.136	7.0
n-Nitrosodiphenylamine		0.695	0.676	0.635	0.646	0.577	0.643	6.1
2,4,6-Tribromophenol		0.242	0.257	0.257	0.265	0.227	0.251	5.3
4-Bromophenyl-phenylether		0.264	0.260	0.255	0.263	0.228	0.255	5.2
Hexachlorobenzene		0.306	0.306	0.305	0.300	0.273	0.301	4.7
Atrazine		0.215	0.211	0.215	0.206	0.180	0.205	6.3
Pentachlorophenol			0.135	0.144	0.156	0.137	0.150	8.8
Phenanthrene		1.103	1.042	0.986	1.009	0.892	0.996	6.9
Anthracene		1.120	1.059	1.027	1.022	0.897	1.013	7.4
Carbazole		0.938	0.917	0.882	0.878	0.762	0.861	7.4
Di-n-butylphthalate		1.075	1.101	1.077	1.070	0.917	1.041	6.3
Fluoranthene		1.117	1.066	1.053	1.054	0.910	1.029	6.8
Pyrene		1.763	1.745	1.631	1.704	1.372	1.613	8.8
Terphenyl-d14		1.403	1.415	1.274	1.317	1.042	1.259	10.7
Butylbenzylphthalate		0.565	0.590	0.550	0.590	0.499	0.559	5.6
3,3-Dichlorobenzidine			0.453	0.461	0.482	0.441	0.475	6.8
Benzo(a)anthracene		1.455	1.340	1.330	1.430	1.290	1.386	5.4
Chrysene		1.276	1.245	1.279	1.403	1.164	1.280	5.7
Bis(2-ethylhexyl)phthalate		0.773	0.739	0.755	0.816	0.705	0.765	4.9
Di-n-octyl phthalate			1.163	1.272	1.410	1.269	1.320	7.9
Benzo(b)fluoranthene		1.199	1.133	1.114	1.233	1.002	1.137	6.4
Benzo(k)fluoranthene		1.077	1.094	1.083	1.041	0.999	1.064	4.4
Benzo(a)pyrene		1.064	1.050	1.058	1.077	0.963	1.049	4.2
Indeno(1,2,3-cd)pyrene		1.450	1.411	1.447	1.485	1.311	1.436	4.6

All other compounds must meet a minimum RRF of 0.010.

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LAB FILE ID: RRF2.5 = BF144169.D RRF005 = BF144170.D RRF010 = BF144171.D
RRF020 = BF144172.D RRF040 = BF144173.D RRF050 = BF144174.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.155	1.155	1.175	1.198	1.040	1.153	4.8
Benzo(g,h,i)perylene		1.095	1.125	1.153	1.191	1.028	1.139	5.7
1,2,4,5-Tetrachlorobenzene		0.677	0.662	0.659	0.675	0.588	0.655	6.6
1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.528	5.7
2,3,4,6-Tetrachlorophenol		0.308	0.347	0.336	0.358	0.316	0.340	6.6

All other compounds must meet a minimum RRF of 0.010.

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF144169.D 5 =BF144170.D 10 =BF144171.D 20 =BF144172.D 40 =BF144173.D 50 =BF144174.D 60 =BF144175.D 80 =BF1441
76.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...				ISTD						
2)		1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.573	0.540	0.528	5.68
3)		Pyridine		1.374	1.406	1.491	1.520	1.378	1.607	1.543	1.474	6.12
4)		n-Nitrosodimet...			0.719	0.726	0.775	0.723	0.868	0.810	0.770	7.79
5)	S	2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.330	1.193	1.278	5.62
6)		Aniline		2.194	2.169	2.114	2.067	1.841	2.139	1.920	2.063	6.46
7)	S	Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.461	1.339	1.448	7.08
8)		2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.293	1.204	1.253	4.59
9)		Benzaldehyde			1.033	0.917	0.816	0.672	0.786	0.683	0.818	16.99
10)	C	Phenol		1.845	1.896	1.840	1.858	1.562	1.790	1.594	1.769	7.60
11)		bis(2-Chloroet...		1.278	1.333	1.342	1.316	1.155	1.341	1.259	1.289	5.22
12)		1,3-Dichlorobe...		1.677	1.573	1.583	1.541	1.397	1.586	1.468	1.547	5.86
13)	C	1,4-Dichlorobe...		1.669	1.563	1.583	1.591	1.372	1.604	1.464	1.549	6.40
14)		1,2-Dichlorobe...		1.651	1.510	1.488	1.485	1.325	1.533	1.404	1.485	6.88
15)		Benzyl Alcohol			1.140	1.188	1.161	1.050	1.197	1.145	1.147	4.61
16)		2,2'-oxybis(1-...		2.408	2.470	2.496	2.418	2.147	2.442	2.238	2.374	5.50
17)		2-Methylphenol		1.031	1.054	1.007	1.033	0.895	1.002	0.958	0.997	5.44
18)		Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.543	0.504	0.515	4.90
19)	P	n-Nitroso-di-n...	0.998	1.010	1.023	0.996	0.950	0.813	0.937	0.900	0.953	7.38
20)		3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	1.080	1.175	9.16
21)	I	Naphthalene-d8				ISTD						
22)		Acetophenone		0.479	0.464	0.434	0.434	0.380	0.421	0.391	0.429	8.34
23)	S	Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.361	0.338	0.346	4.07
24)		Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.398	0.368	0.376	4.90
25)		Isophorone		0.659	0.668	0.669	0.673	0.581	0.675	0.659	0.655	5.05
26)	C	2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.200	0.186	0.186	6.47
27)		2,4-Dimethylph...		0.281	0.278	0.265	0.298	0.260	0.295	0.275	0.279	5.08
28)		bis(2-Chloroet...		0.426	0.417	0.412	0.423	0.372	0.423	0.390	0.409	5.02
29)	C	2,4-Dichloroph...		0.334	0.342	0.330	0.331	0.289	0.326	0.297	0.322	6.20
30)		1,2,4-Trichlor...		0.350	0.349	0.332	0.337	0.296	0.335	0.312	0.330	5.96
31)		Naphthalene		1.019	1.008	0.982	0.969	0.850	0.952	0.880	0.951	6.71
32)		Benzoic acid			0.268	0.220	0.180	0.165	0.190	0.204	0.204	17.90
33)		4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.355	0.326	0.347	6.07
34)	C	Hexachlorobuta...		0.256	0.250	0.252	0.259	0.232	0.254	0.238	0.249	4.03
35)		Caprolactam			0.094	0.093	0.092	0.075	0.087	0.088	0.088	8.10
36)	C	4-Chloro-3-met...		0.283	0.307	0.304	0.297	0.259	0.290	0.277	0.288	5.77
37)		2-Methylnaphth...		0.702	0.672	0.665	0.647	0.559	0.623	0.583	0.636	7.98
38)		1-Methylnaphth...		0.667	0.681	0.632	0.620	0.536	0.600	0.561	0.614	8.61

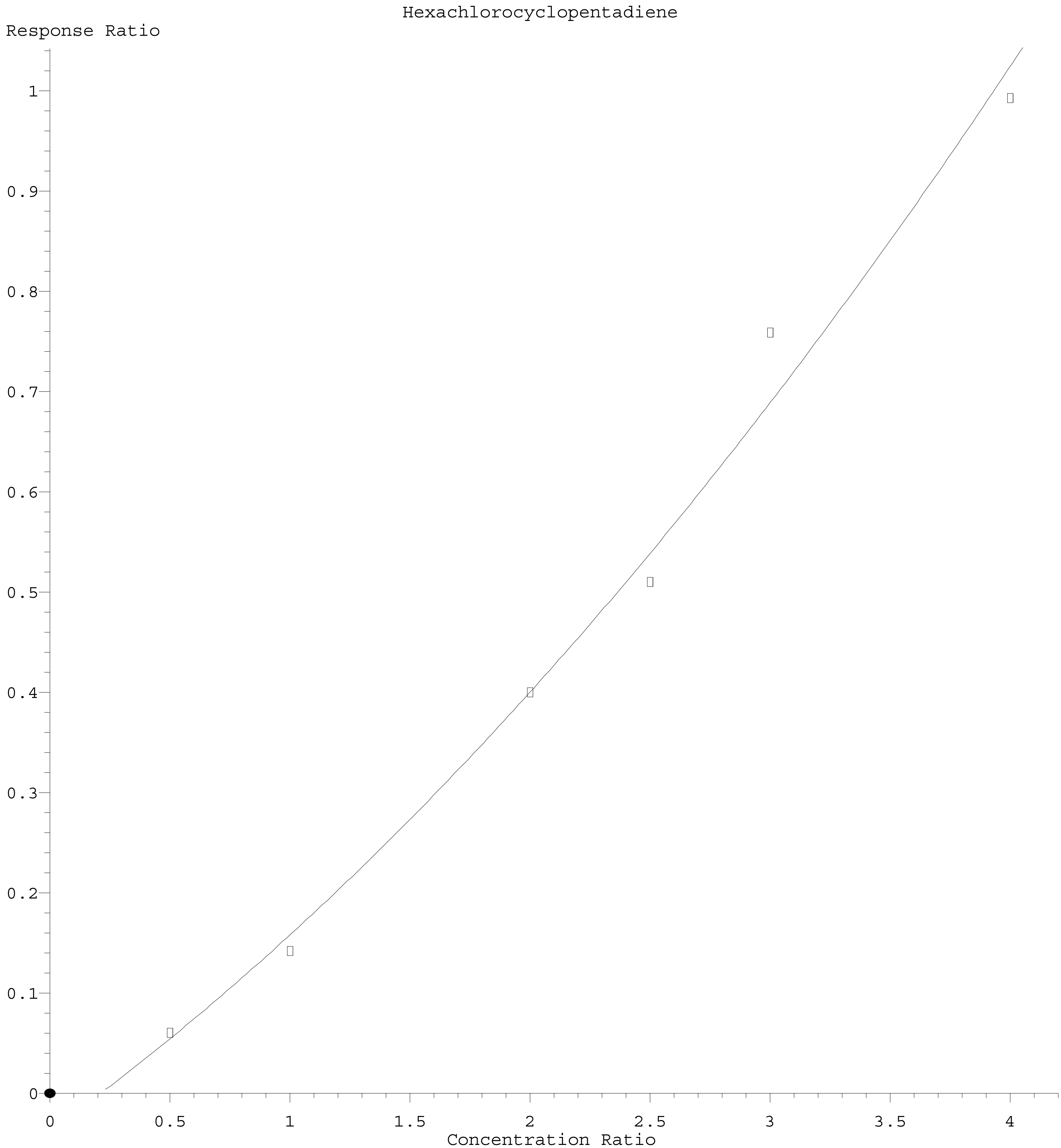
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

39)	I	Acenaphthene-d10	----------------ISTD--------------------								
40)		1,2,4,5-Tetrac...	0.677	0.662	0.659	0.675	0.588	0.716	0.611	0.655	6.57
41)	P	Hexachlorocycl...		0.121	0.142	0.200	0.204	0.253	0.248	0.195	27.78
42)	S	2,4,6-Tribromo...	0.242	0.257	0.257	0.265	0.227	0.261	0.249	0.251	5.27
43)	C	2,4,6-Trichlor...	0.440	0.449	0.449	0.456	0.409	0.489	0.431	0.446	5.49
44)		2,4,5-Trichlor...	0.497	0.489	0.497	0.489	0.438	0.502	0.456	0.481	5.05
45)	S	2-Fluorobiphenyl	1.598	1.428	1.361	1.350	1.177	1.381	1.183	1.354	10.72
46)		1,1'-Biphenyl	1.535	1.446	1.425	1.408	1.239	1.450	1.270	1.396	7.52
47)		2-Chloronaphth...	1.303	1.216	1.206	1.204	1.068	1.252	1.087	1.191	7.12
48)		2-Nitroaniline	0.302	0.347	0.349	0.361	0.326	0.374	0.345	0.344	6.84
49)		Acenaphthylene	1.727	1.686	1.677	1.645	1.440	1.678	1.506	1.623	6.57
50)		Dimethylphthalate	1.437	1.343	1.359	1.345	1.168	1.375	1.247	1.325	6.71
51)		2,6-Dinitrotol...	0.251	0.271	0.271	0.276	0.252	0.290	0.266	0.268	5.16
52)	C	Acenaphthene	1.138	1.162	1.120	1.096	0.956	1.117	1.007	1.085	6.90
53)		3-Nitroaniline	0.271	0.301	0.302	0.315	0.264	0.316	0.283	0.293	7.07
54)	P	2,4-Dinitrophenol		0.202	0.166	0.140	0.133	0.168	0.164	0.162	14.99
55)		Dibenzofuran	1.644	1.600	1.586	1.551	1.337	1.562	1.359	1.520	7.99
56)	P	4-Nitrophenol		0.273	0.202	0.204	0.185	0.211	0.198	0.212	14.64
57)		2,4-Dinitrotol...	0.322	0.377	0.372	0.385	0.328	0.377	0.353	0.359	7.07
58)		Fluorene	1.295	1.223	1.197	1.180	0.997	1.149	1.048	1.156	8.88
59)		2,3,4,6-Tetrac...	0.308	0.347	0.336	0.358	0.316	0.372	0.345	0.340	6.58
60)		Diethylphthalate	1.294	1.273	1.254	1.254	1.075	1.237	1.163	1.221	6.27
61)		4-Chlorophenyl...	0.711	0.701	0.678	0.685	0.570	0.659	0.605	0.658	7.92
62)		4-Nitroaniline	0.273	0.290	0.293	0.288	0.254	0.288	0.268	0.279	5.10
63)		Azobenzene	1.157	1.203	1.145	1.164	0.995	1.197	1.096	1.137	6.33
64)	I	Phenanthrene-d10	----------------ISTD--------------------								
65)		4,6-Dinitro-2-...		0.147	0.138	0.130	0.120	0.142	0.138	0.136	6.99
66)	c	n-Nitrosodiphe...	0.695	0.676	0.635	0.646	0.577	0.660	0.614	0.643	6.12
67)		4-Bromophenyl-...	0.264	0.260	0.255	0.263	0.228	0.266	0.252	0.255	5.18
68)		Hexachlorobenzene	0.306	0.306	0.305	0.300	0.273	0.319	0.296	0.301	4.74
69)		Atrazine	0.215	0.211	0.215	0.206	0.180	0.210	0.196	0.205	6.26
70)	C	Pentachlorophenol		0.135	0.144	0.156	0.137	0.162	0.165	0.150	8.76
71)		Phenanthrene	1.103	1.042	0.986	1.009	0.892	1.003	0.937	0.996	6.87
72)		Anthracene	1.120	1.059	1.027	1.022	0.897	1.027	0.936	1.013	7.37
73)		Carbazole	0.938	0.917	0.882	0.878	0.762	0.854	0.794	0.861	7.36
74)		Di-n-butylphth...	1.075	1.101	1.077	1.070	0.917	1.059	0.986	1.041	6.27
75)	C	Fluoranthene	1.117	1.066	1.053	1.054	0.910	1.043	0.958	1.029	6.84
76)	I	Chrysene-d12	----------------ISTD--------------------								
77)		Benzidine		0.707	0.519	0.624	0.512	0.635	0.553	0.592	12.98
78)		Pyrene	1.763	1.745	1.631	1.704	1.372	1.569	1.504	1.613	8.79
79)	S	Terphenyl-d14	1.403	1.415	1.274	1.317	1.042	1.208	1.155	1.259	10.71
80)		Butylbenzylpht...	0.565	0.590	0.550	0.590	0.499	0.570	0.549	0.559	5.60
81)		Benzo(a)anthra...	1.455	1.340	1.330	1.430	1.290	1.493	1.366	1.386	5.37
82)		3,3'-Dichlorob...		0.453	0.461	0.482	0.441	0.532	0.481	0.475	6.77
83)		Chrysene	1.276	1.245	1.279	1.403	1.164	1.326	1.263	1.280	5.72
84)		Bis(2-ethylhex...	0.773	0.739	0.755	0.816	0.705	0.803	0.764	0.765	4.92
85)	c	Di-n-octyl pht...		1.163	1.272	1.410	1.269	1.442	1.364	1.320	7.91

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

86)	I	Perylene-d12	-----------------ISTD---------------------								
87)		Indeno(1,2,3-c...	1.450	1.411	1.447	1.485	1.311	1.521	1.425	1.436	4.62
88)		Benzo(b)fluora...	1.199	1.133	1.114	1.233	1.002	1.134	1.143	1.137	6.40
89)		Benzo(k)fluora...	1.077	1.094	1.083	1.041	0.999	1.134	1.021	1.064	4.36
90)	C	Benzo(a)pyrene	1.064	1.050	1.058	1.077	0.963	1.103	1.029	1.049	4.23
91)		Dibenzo(a,h)an...	1.155	1.155	1.175	1.198	1.040	1.209	1.138	1.153	4.85
92)		Benzo(g,h,i)pe...	1.095	1.125	1.153	1.191	1.028	1.228	1.150	1.139	5.70

(#) = Out of Range



R = 2.331e-002 A*A + 1.722e-001 A - 3.751e-002
Coef of Det (r^2) = 0.992660   Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF110525.M
Calibration Table Last Updated: Wed Nov 05 18:37:33 2025

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144169.D
Acq On : 05 Nov 2025 12:50
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 05 17:42:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	85230	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	335743	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	195513	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	365872	20.000	ng	0.00
76) Chrysene-d12	14.057	240	241412	20.000	ng	0.00
86) Perylene-d12	15.539	264	241479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.275	70	10629	2.616	ng	# 98

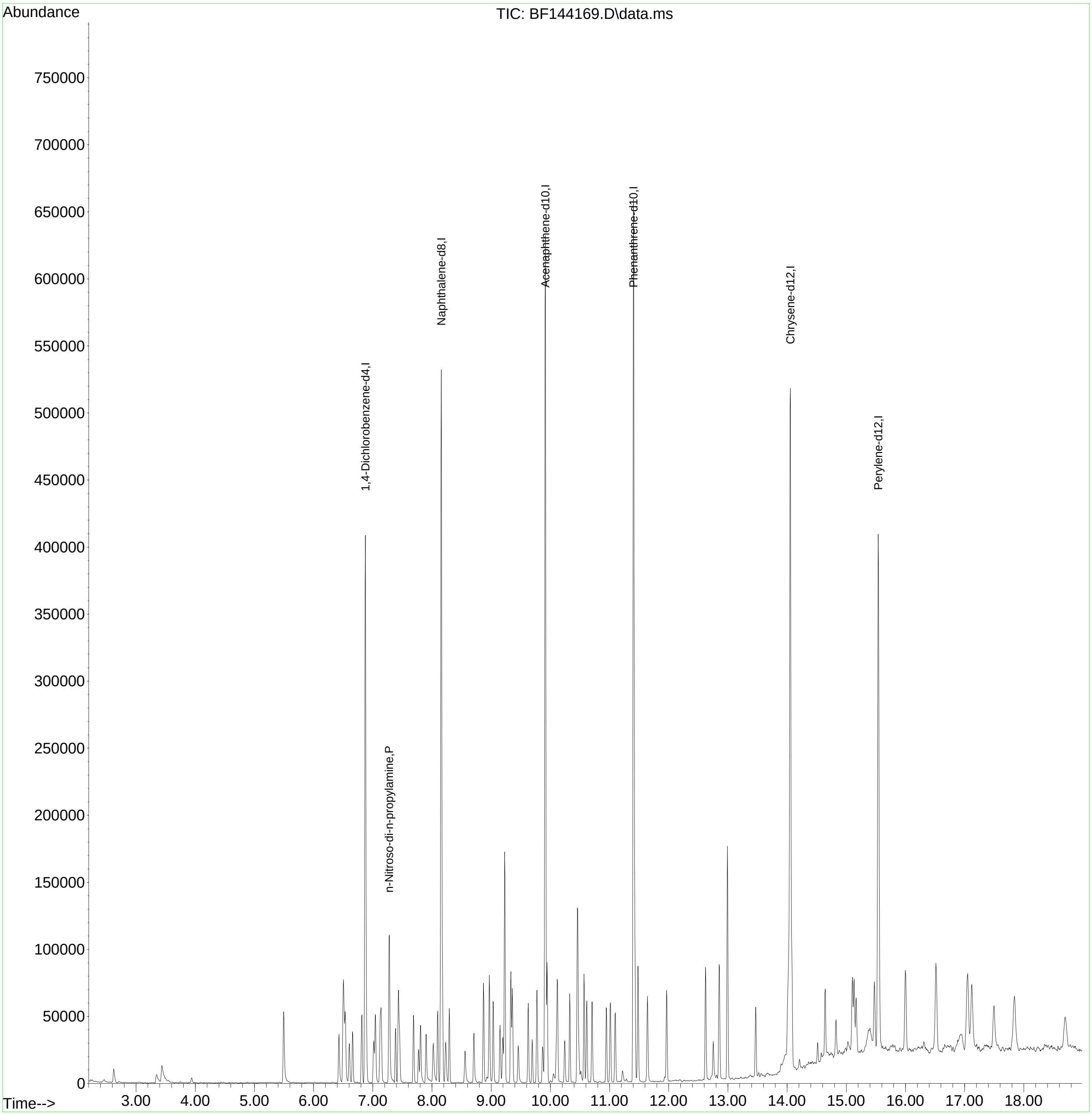
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

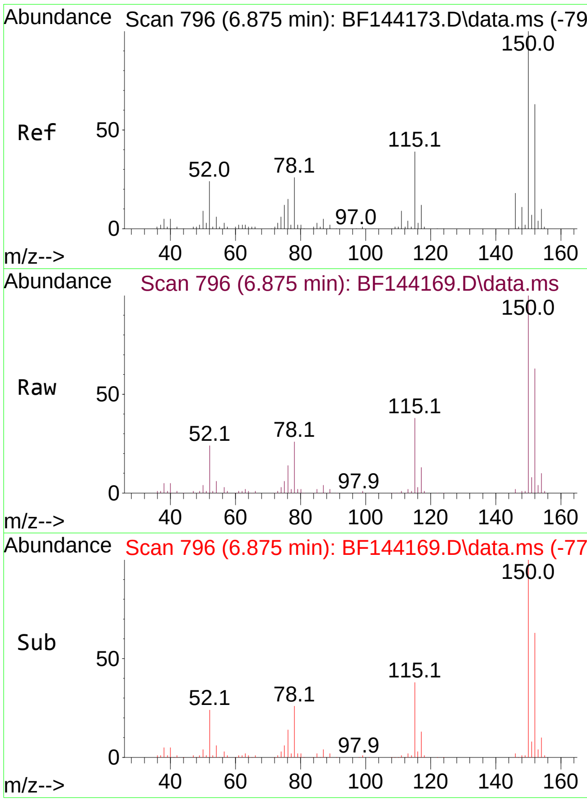
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144169.D
Acq On : 05 Nov 2025 12:50
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 05 17:42:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



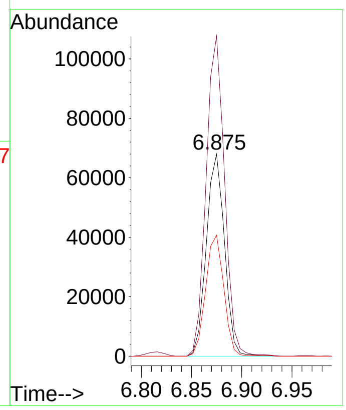
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

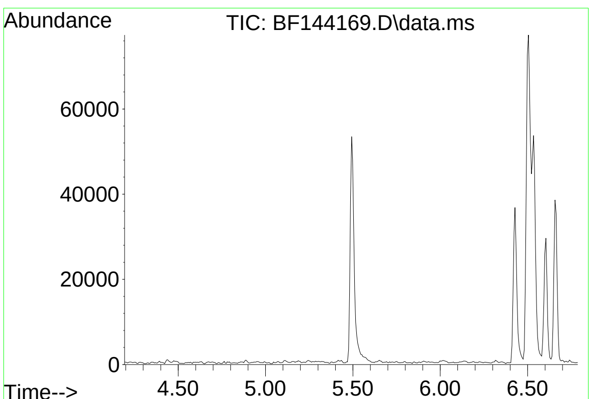


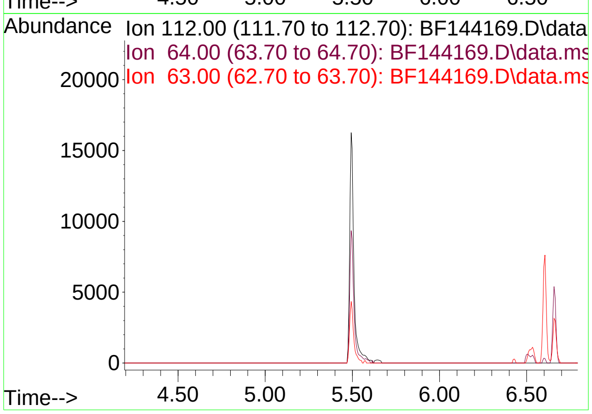
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min   Scan# 79
Delta R.T.   -0.000 min
Lab File: BF144169.D
Acq: 05 Nov 2025   12:50

Tgt Ion:152 Resp: 85230

Ion	Ratio	Lower	Upper
152	100		
150	158.5	127.4	191.0
115	59.9	49.5	74.3





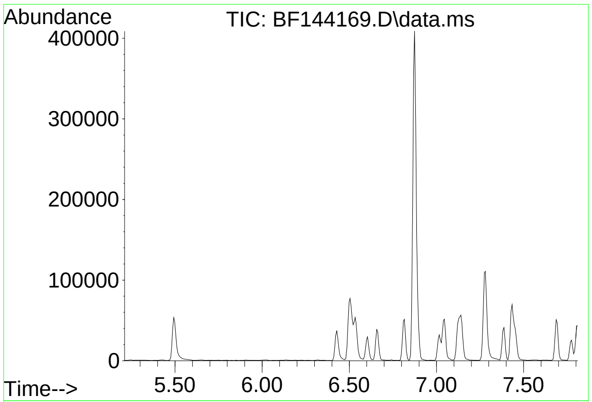


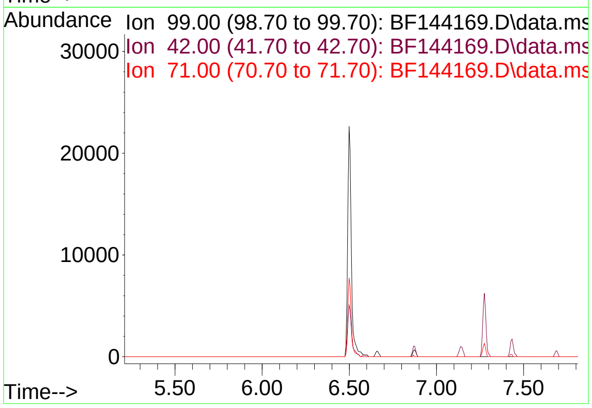
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

Lab File: BF144169.D
Acq: 05 Nov 2025   12:50

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	59.0
63	30.5





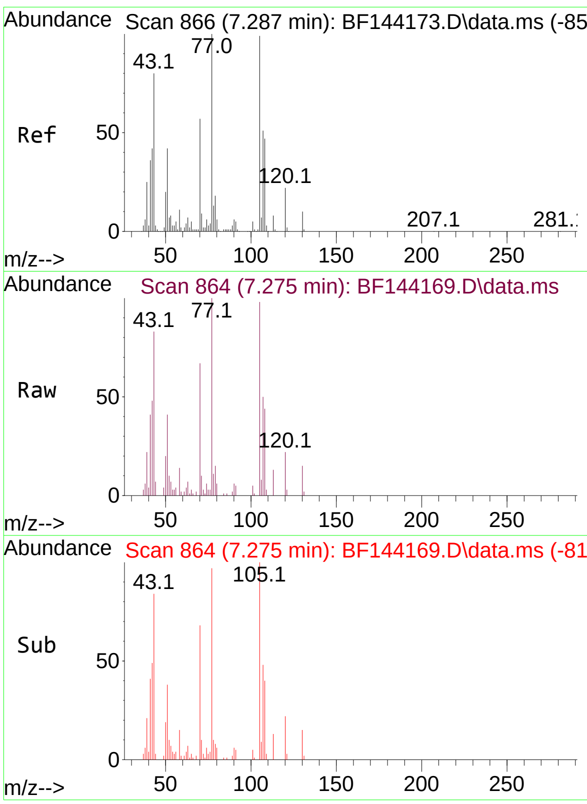
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.51 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

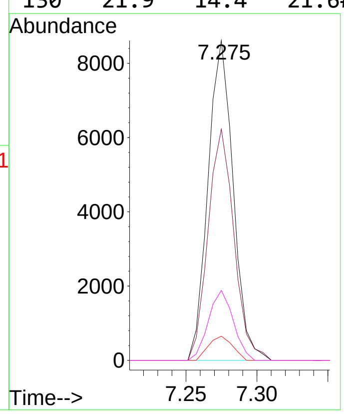
Sig	Exp Ratio
99	100
42	26.1
71	39.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.616 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.023 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

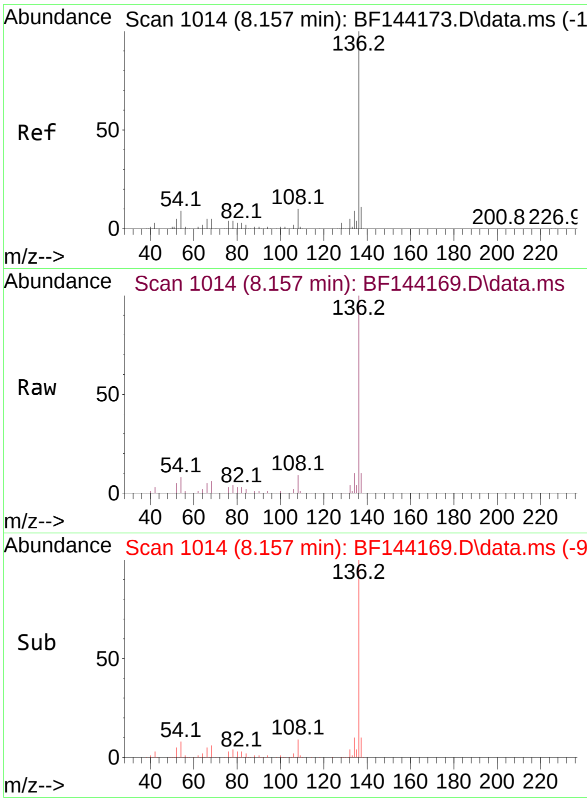
Tgt Ion: 70 Resp: 10629

Ion	Ratio	Lower	Upper
70	100		
42	72.3	58.3	87.5
101	7.6	7.0	10.6
130	21.9	14.4	21.6#



ICAL Form

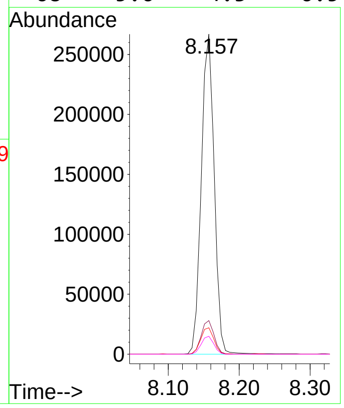
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

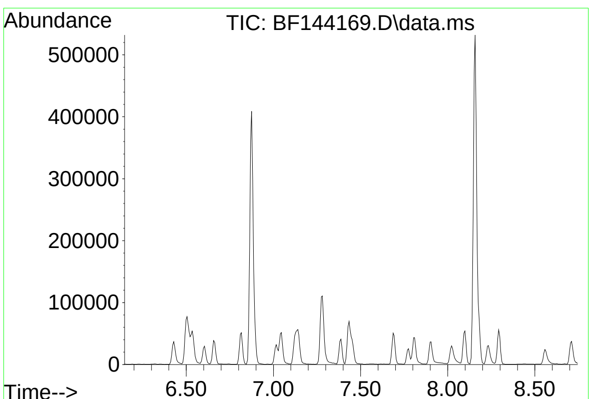


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion:136 Resp: 335743

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.2	7.0	10.6
68	5.6	4.3	6.5



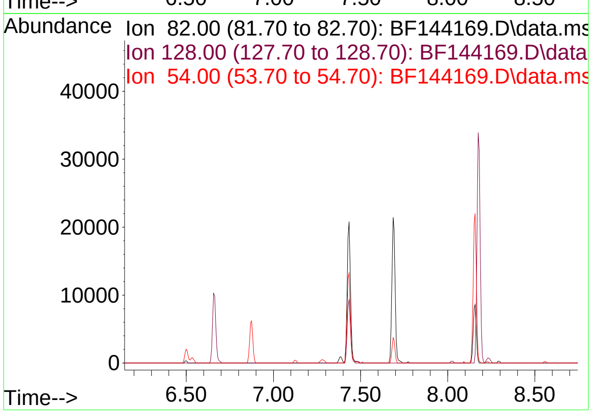


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.45 min

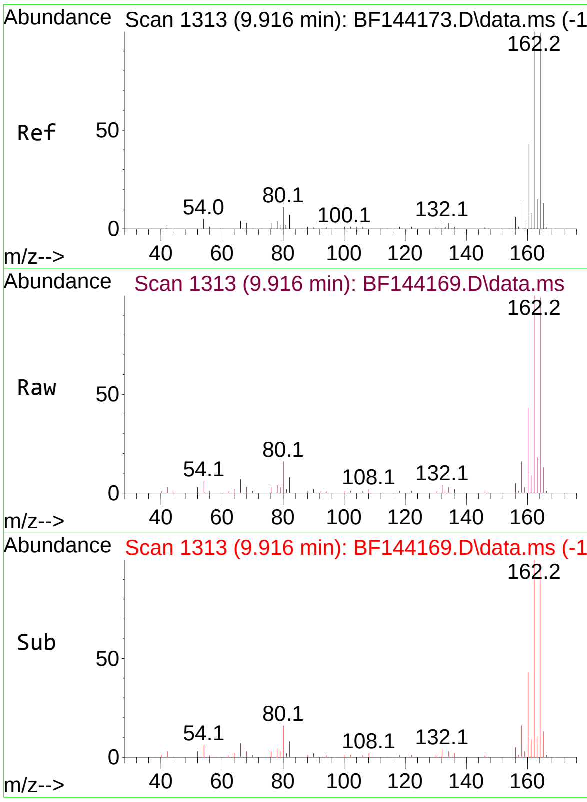
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	43.4
54	61.9



ICAL Form

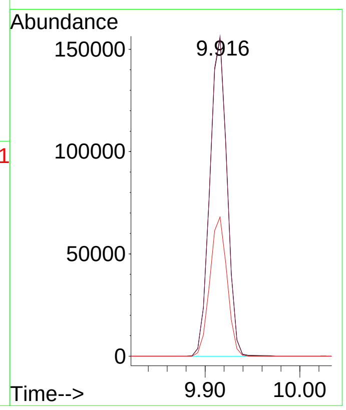


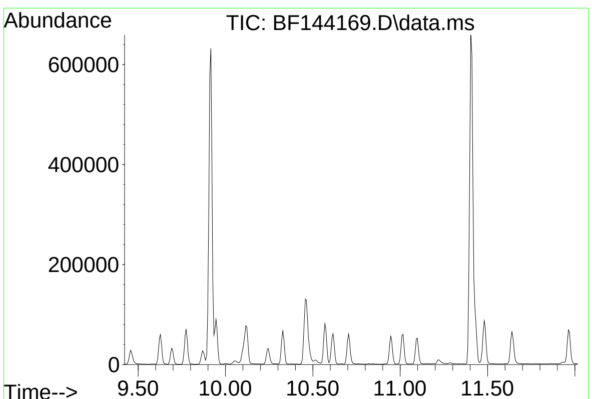
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

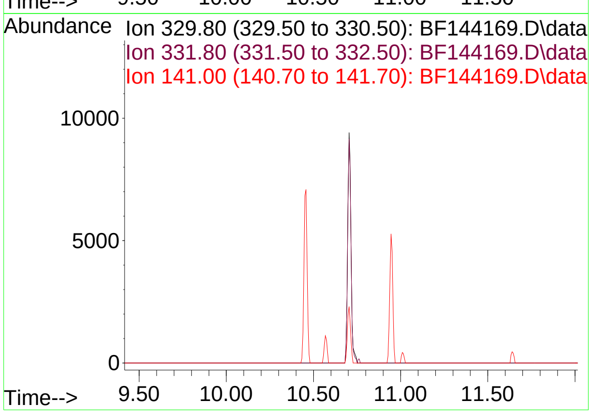
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 195513

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.1	121.7
160	43.9	34.5	51.7





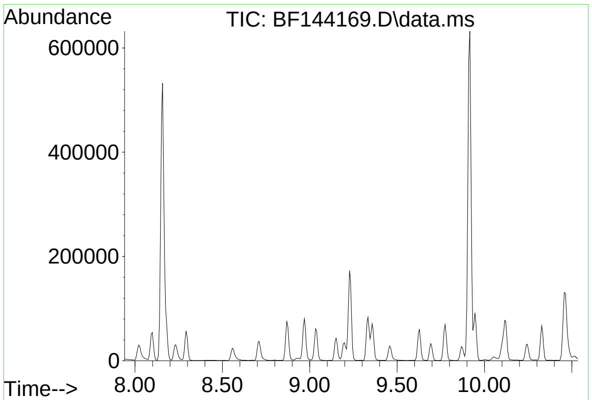


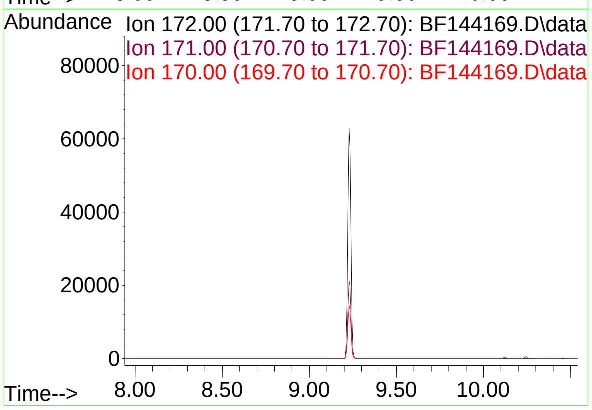
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.72 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.9
141	22.3





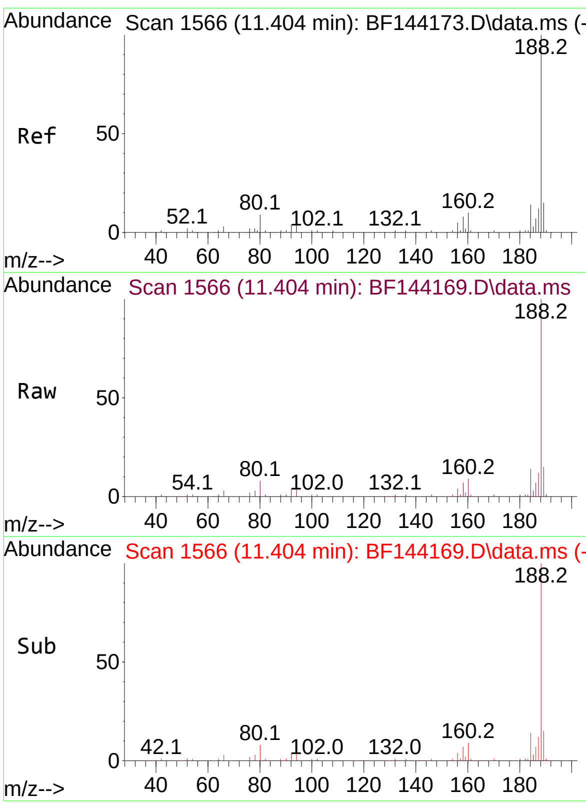
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.24 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

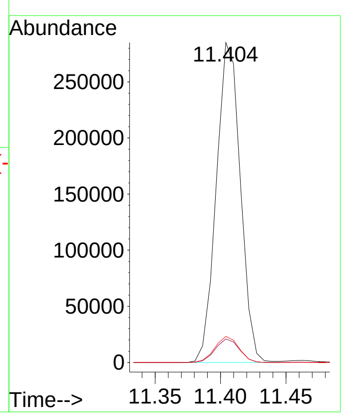
Sig	Exp Ratio
172	100
171	35.1
170	23.3



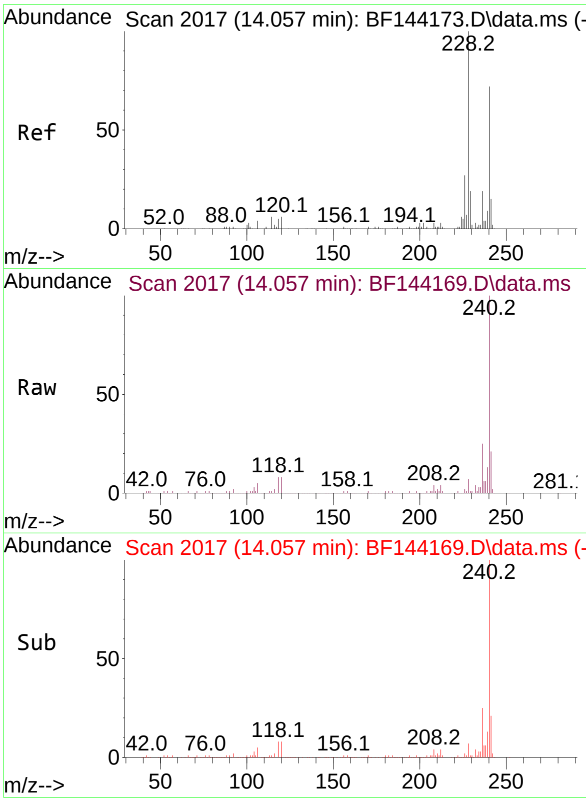
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion:188 Resp: 365872

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.2
80	8.2	6.9	10.3



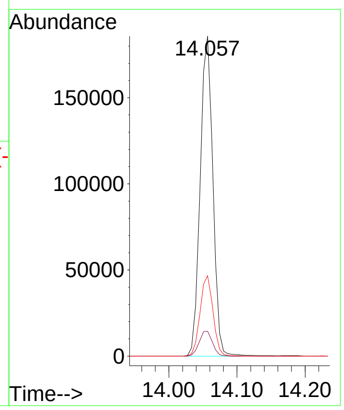
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

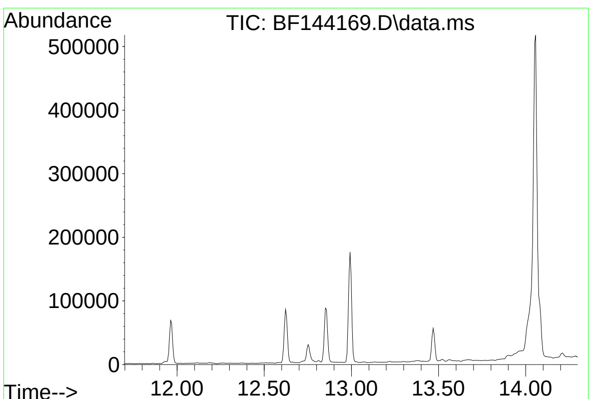


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion:240 Resp: 241412

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.6	10.0
236	25.1	21.4	32.2



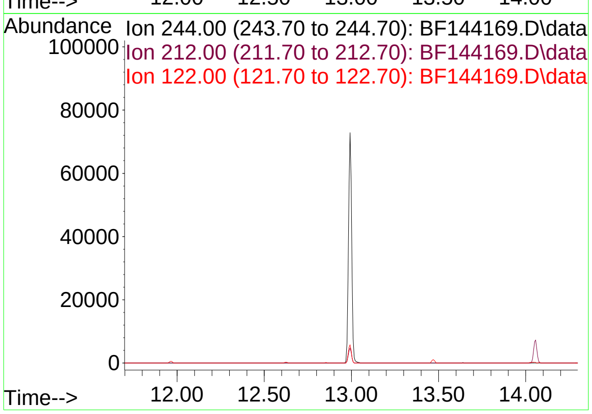


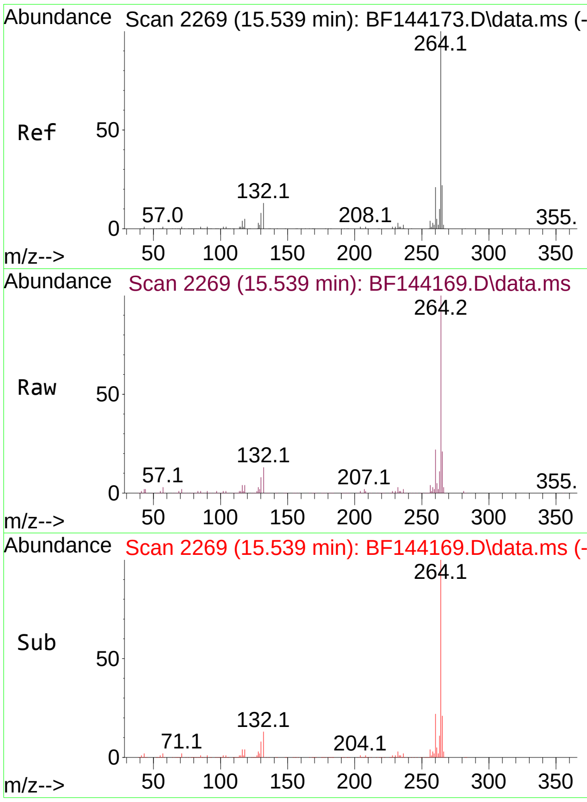
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.00 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.6
122	7.0



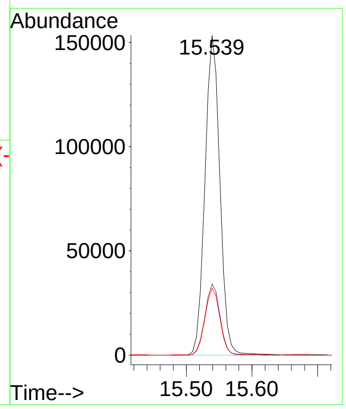


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 241479

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.1	25.7
265	20.9	17.4	26.0



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144170.D
Acq On : 05 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:23:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.875	152	85379	20.000 ng	0.00
21) Naphthalene-d8	8.157	136	330889	20.000 ng	0.00
39) Acenaphthene-d10	9.916	164	188001	20.000 ng	0.00
64) Phenanthrene-d10	11.404	188	326565	20.000 ng	0.00
76) Chrysene-d12	14.051	240	215706	20.000 ng	-0.01
86) Perylene-d12	15.539	264	241361	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.493	112	56869	10.423 ng	0.00
7) Phenol-d6	6.498	99	66870	10.817 ng	-0.01
23) Nitrobenzene-d5	7.434	82	56744	9.904 ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	22758	9.647 ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	150248	11.803 ng	-0.01
79) Terphenyl-d14	12.992	244	151347	11.145 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.616	88	11227	4.977 ng	98
3) Pyridine	3.410	79	29321	4.659 ng	98
6) Aniline	6.534	93	46833	5.317 ng	97
8) 2-Chlorophenol	6.657	128	26502	4.953 ng	98
10) Phenol	6.510	94	39383	5.214 ng	97
11) bis(2-Chloroethyl)ether	6.604	93	27288	4.958 ng	99
12) 1,3-Dichlorobenzene	6.816	146	35799	5.422 ng	97
13) 1,4-Dichlorobenzene	6.893	146	35623	5.385 ng	99
14) 1,2-Dichlorobenzene	7.046	146	35243	5.559 ng	92
16) 2,2'-oxybis(1-Chloropr...	7.140	45	51408	5.072 ng	92
17) 2-Methylphenol	7.122	107	21999	5.168 ng	94
18) Hexachloroethane	7.387	117	10929	4.973 ng	92
19) n-Nitroso-di-n-propyla...	7.275	70	21555	5.296 ng	99
22) Acetophenone	7.281	105	39609	5.580 ng	97
24) Nitrobenzene	7.451	77	30574	4.915 ng	98
25) Isophorone	7.687	82	54487	5.028 ng	97
26) 2-Nitrophenol	7.775	139	13789	4.478 ng	97
27) 2,4-Dimethylphenol	7.804	122	23283	5.045 ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	35235	5.207 ng	97
29) 2,4-Dichlorophenol	8.016	162	27603	5.189 ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	28937	5.298 ng	91
31) Naphthalene	8.175	128	84320	5.357 ng	100
33) 4-Chloroaniline	8.228	127	29602	5.157 ng	99
34) Hexachlorobutadiene	8.292	225	21207	5.152 ng	97
36) 4-Chloro-3-methylphenol	8.704	107	23428	4.914 ng	95
37) 2-Methylnaphthalene	8.869	142	58087	5.520 ng	99
38) 1-Methylnaphthalene	8.969	142	55152	5.431 ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	31823	5.165 ng	98
43) 2,4,6-Trichlorophenol	9.151	196	20685	4.933 ng	99
44) 2,4,5-Trichlorophenol	9.192	196	23346	5.165 ng	99
46) 1,1'-Biphenyl	9.334	154	72127	5.496 ng	98
47) 2-Chloronaphthalene	9.357	162	61232	5.470 ng	98
48) 2-Nitroaniline	9.457	65	14208	4.399 ng	90
49) Acenaphthylene	9.775	152	81168	5.321 ng	100
50) Dimethylphthalate	9.628	163	67538	5.423 ng	97
51) 2,6-Dinitrotoluene	9.692	165	11809	4.684 ng	94

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144170.D
Acq On : 05 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 05 17:23:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52)	Acenaphthene	9.945	154	53468	5.241	ng		96
53)	3-Nitroaniline	9.869	138	12750	4.626	ng		88
55)	Dibenzofuran	10.116	168	77278	5.409	ng		98
57)	2,4-Dinitrotoluene	10.098	165	15136	4.485	ng	#	93
58)	Fluorene	10.463	166	60881	5.605	ng		94
59)	2,3,4,6-Tetrachlorophenol	10.239	232	14470	4.525	ng		96
60)	Diethylphthalate	10.328	149	60815	5.297	ng		99
61)	4-Chlorophenyl-phenyle...	10.457	204	33416	5.401	ng		97
62)	4-Nitroaniline	10.475	138	12847	4.895	ng		91
63)	Azobenzene	10.616	77	54383	5.089	ng		93
66)	n-Nitrosodiphenylamine	10.569	169	56733	5.401	ng		97
67)	4-Bromophenyl-phenylether	10.945	248	21547	5.169	ng		96
68)	Hexachlorobenzene	11.010	284	24951	5.082	ng		99
69)	Atrazine	11.098	200	17546	5.253	ng		93
71)	Phenanthrene	11.428	178	90035	5.537	ng		99
72)	Anthracene	11.481	178	91416	5.529	ng		99
73)	Carbazole	11.639	167	76605	5.449	ng		97
74)	Di-n-butylphthalate	11.963	149	87751	5.163	ng		100
75)	Fluoranthene	12.622	202	91198	5.430	ng		97
78)	Pyrene	12.851	202	95053	5.465	ng		98
80)	Butylbenzylphthalate	13.469	149	30478	5.056	ng		92
81)	Benzo(a)anthracene	14.045	228	78472	5.249	ng		96
83)	Chrysene	14.080	228	68808	4.986	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.027	149	41706	5.054	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.033	276	87482	5.049	ng		98
88)	Benzo(b)fluoranthene	15.098	252	72360m	5.273	ng		
89)	Benzo(k)fluoranthene	15.127	252	64984	5.060	ng		99
90)	Benzo(a)pyrene	15.474	252	64190	5.071	ng	#	97
91)	Dibenzo(a,h)anthracene	17.051	278	69714	5.010	ng		98
92)	Benzo(g,h,i)perylene	17.492	276	66099	4.810	ng		97

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

Quantitation Report (QT Reviewed)

ICAL Form

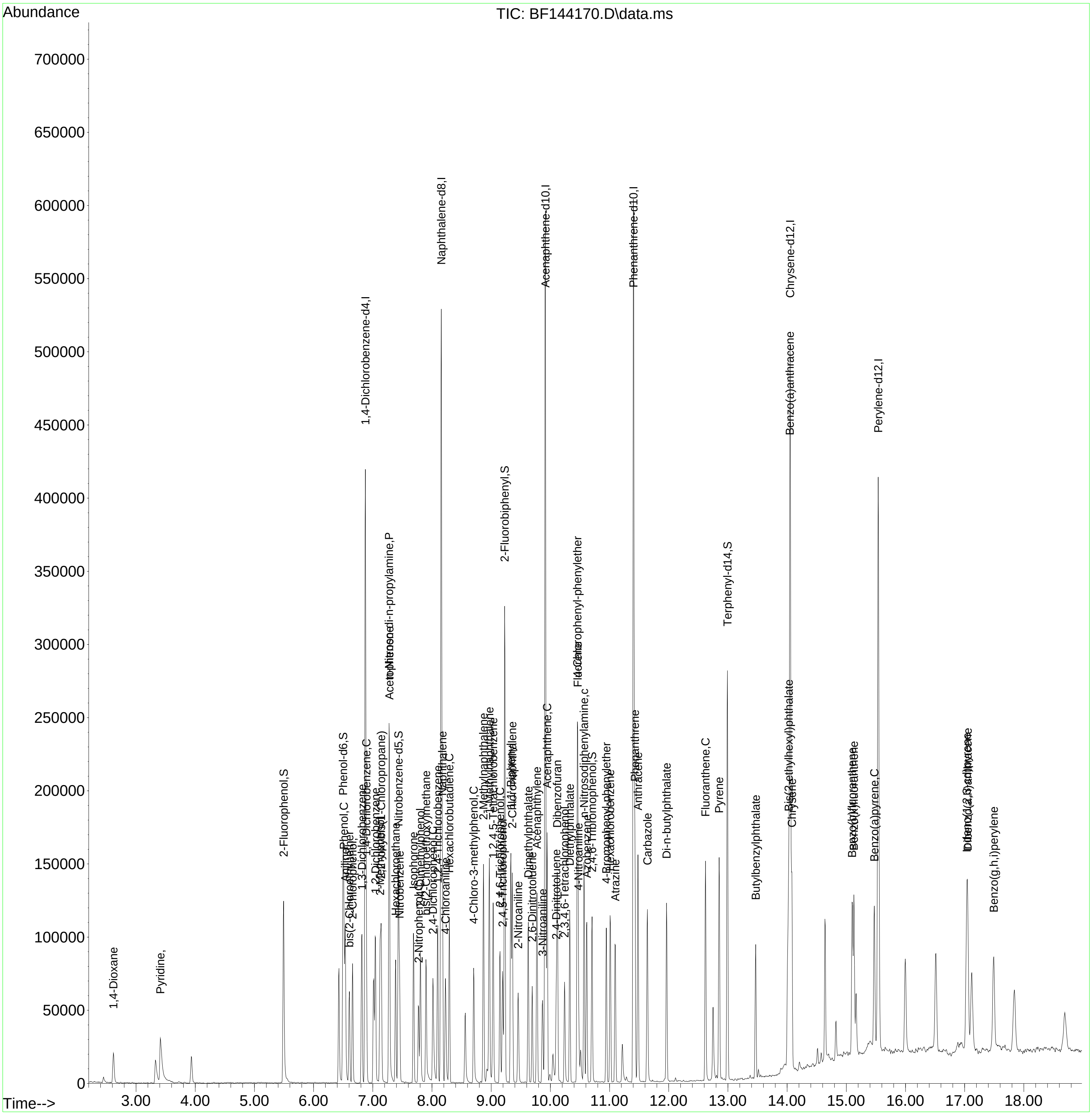
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144170.D
Acq On : 05 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 05 17:23:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

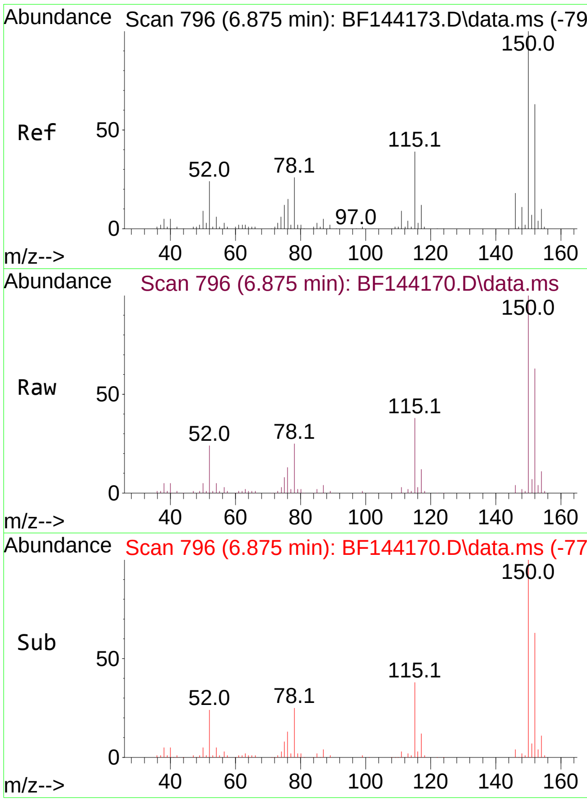
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



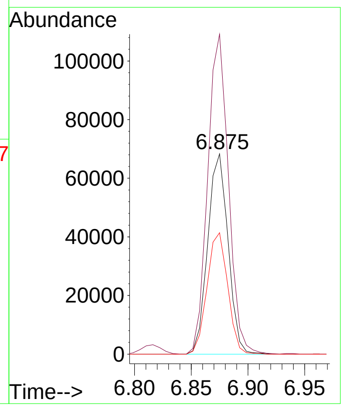
ICAL Form



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:152 Resp: 85379

Ion	Ratio	Lower	Upper
152	100		
150	159.8	127.4	191.0
115	60.6	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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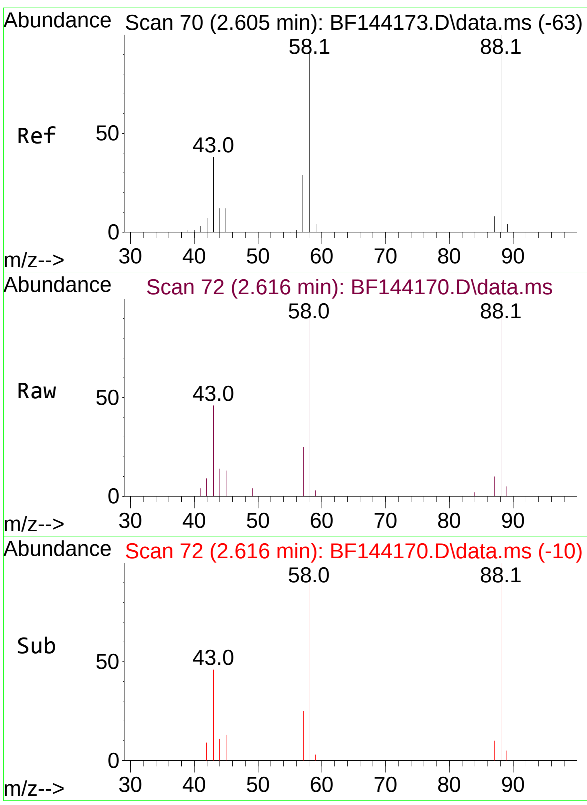
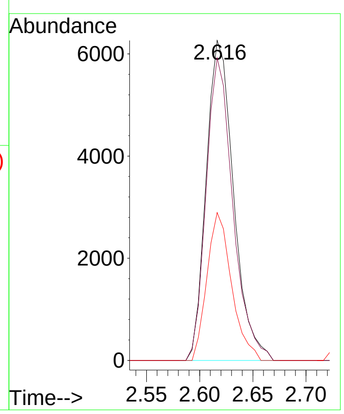
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#2
1,4-Dioxane
Concen: 4.977 ng
RT: 2.616 min Scan# 72
Delta R.T. 0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 88 Resp: 11227

Ion	Ratio	Lower	Upper
88	100		
58	92.4	73.1	109.7
43	41.5	31.0	46.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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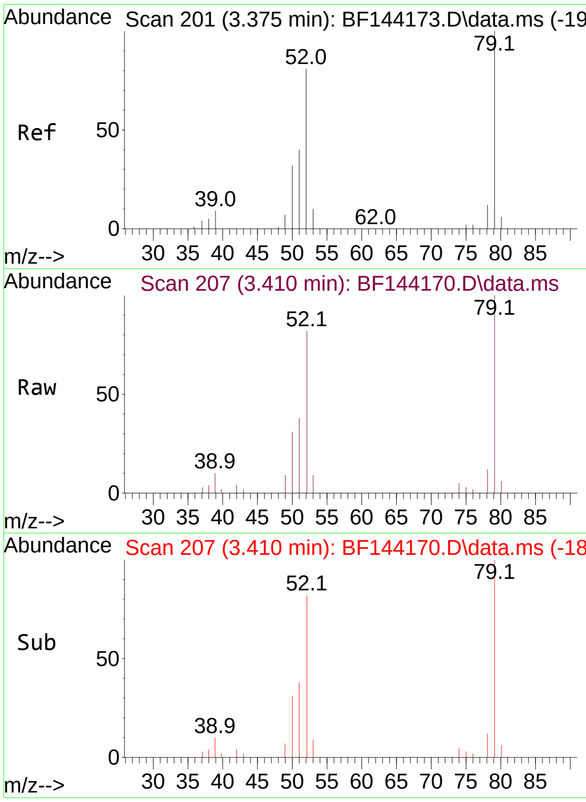
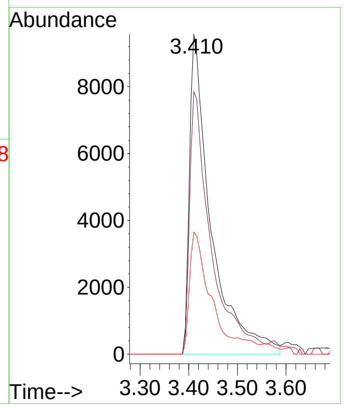
Supervised By :Jagrut Upadhyay 11/06/2025

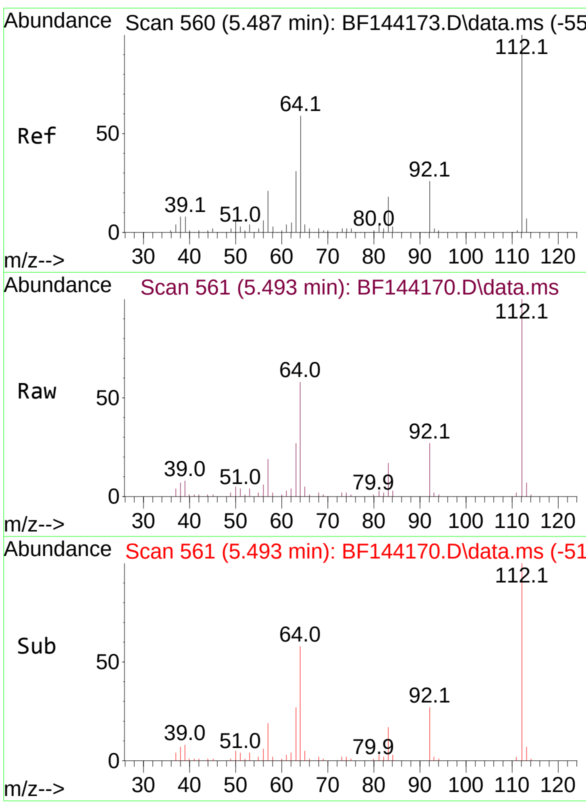


#3
Pyridine
Concen: 4.659 ng
RT: 3.410 min Scan# 20
Delta R.T. 0.035 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 79 Resp: 2932

Ion	Ratio	Lower	Upper
79	100		
52	82.0	64.5	96.7
51	38.1	31.7	47.5

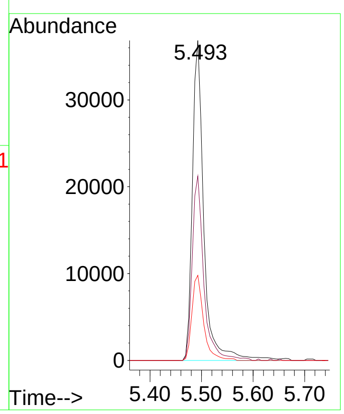


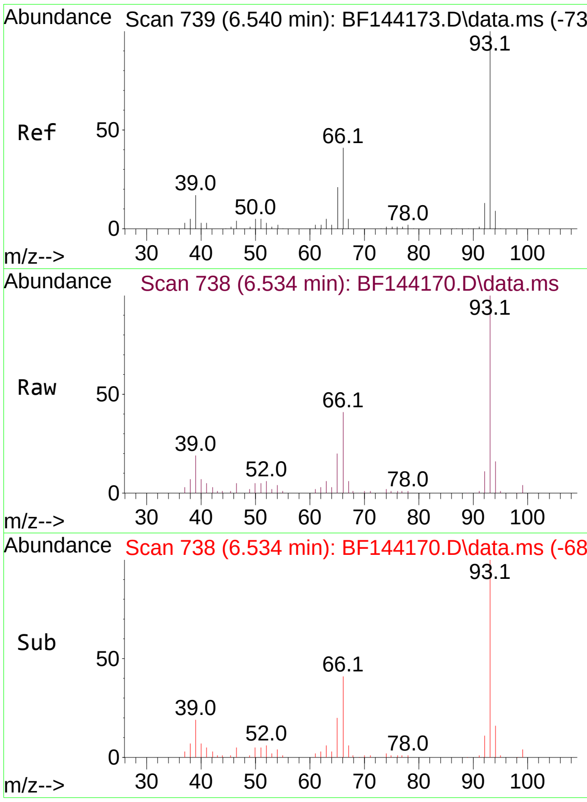


#5
2-Fluorophenol
Concen: 10.423 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:112 Resp: 56869

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.2	70.8
63	26.6	24.4	36.6





#6
Aniline
Concen: 5.317 ng
RT: 6.534 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 4683

Ion	Ratio	Lower	Upper
93	100		
66	40.7	34.3	51.5
65	19.9	16.9	25.3

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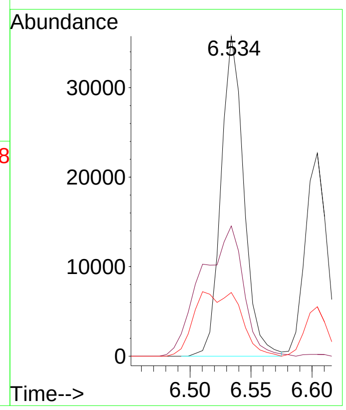
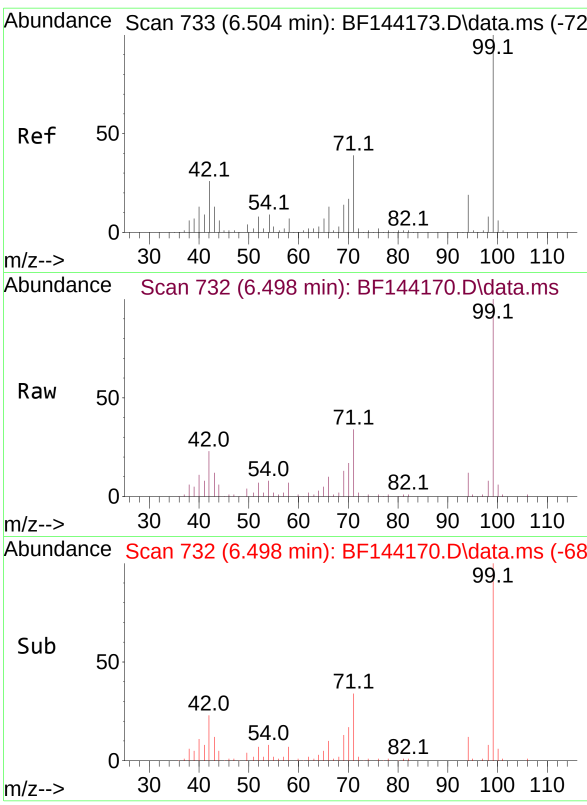
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

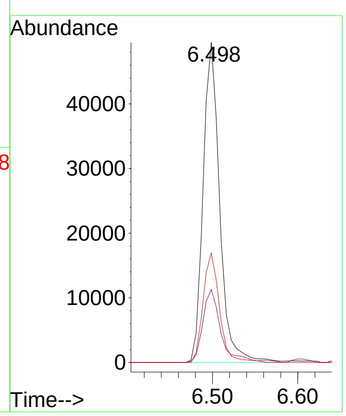




#7
Phenol-d6
Concen: 10.817 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 99 Resp: 66870

Ion	Ratio	Lower	Upper
99	100		
42	22.8	20.9	31.3
71	34.1	31.4	47.2



Instrument : BNA_F
ClientSampleId : SSTDICC005

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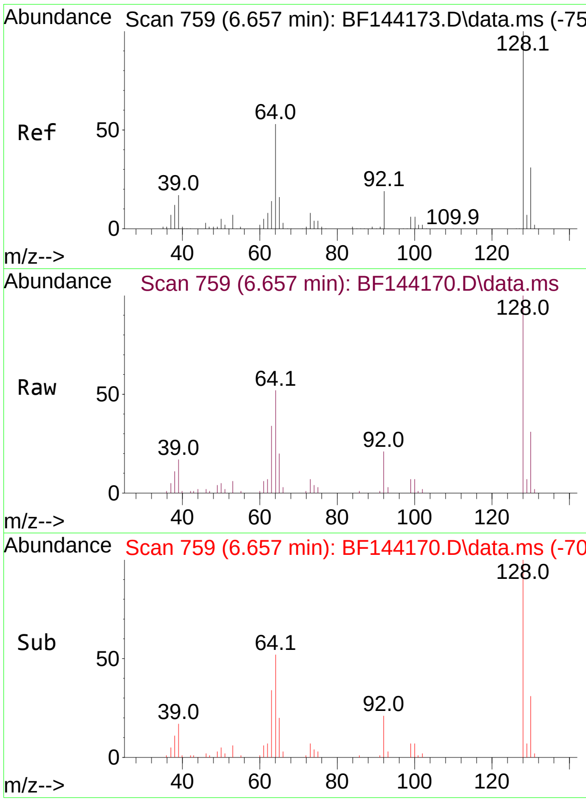
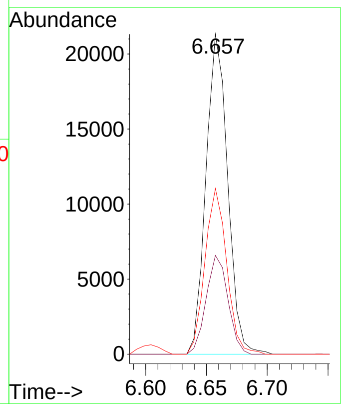
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

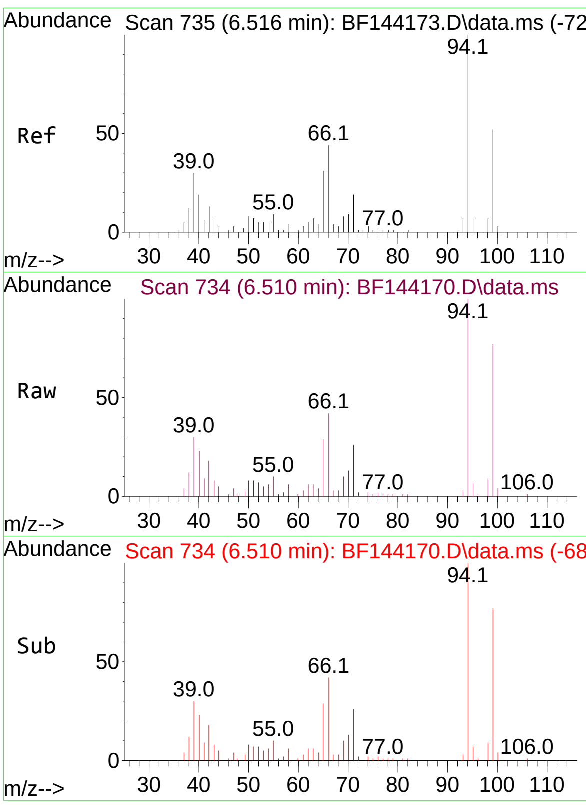


#8
2-Chlorophenol
Concen: 4.953 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:128 Resp: 2650

Ion	Ratio	Lower	Upper
128	100		
130	30.8	10.5	50.5
64	51.7	33.2	73.2

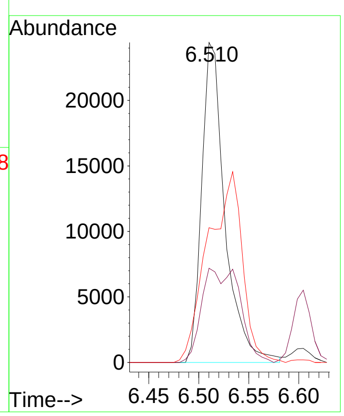




#10
Phenol
Concen: 5.214 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.017 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 94 Resp: 39383

Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.8	50.8
66	42.1	24.3	64.3



ICAL Form

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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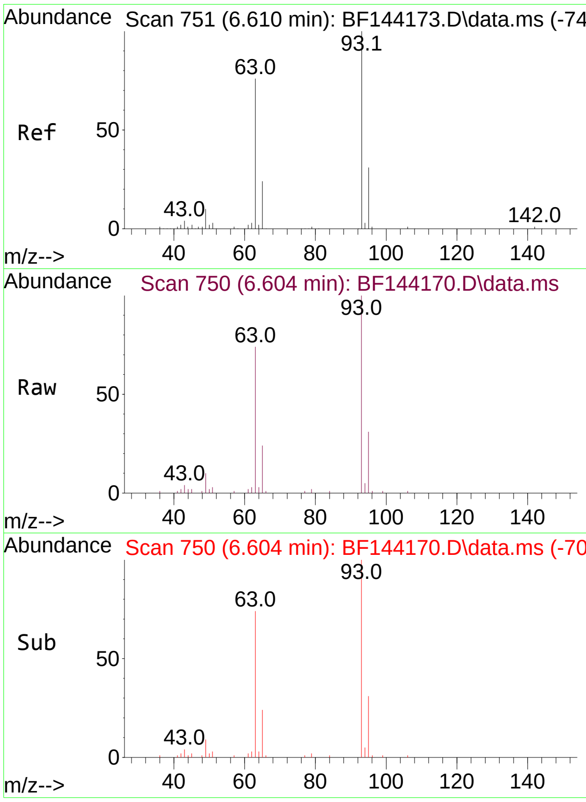
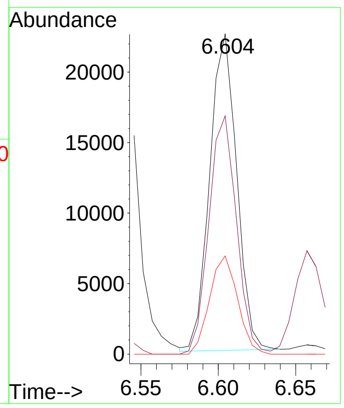
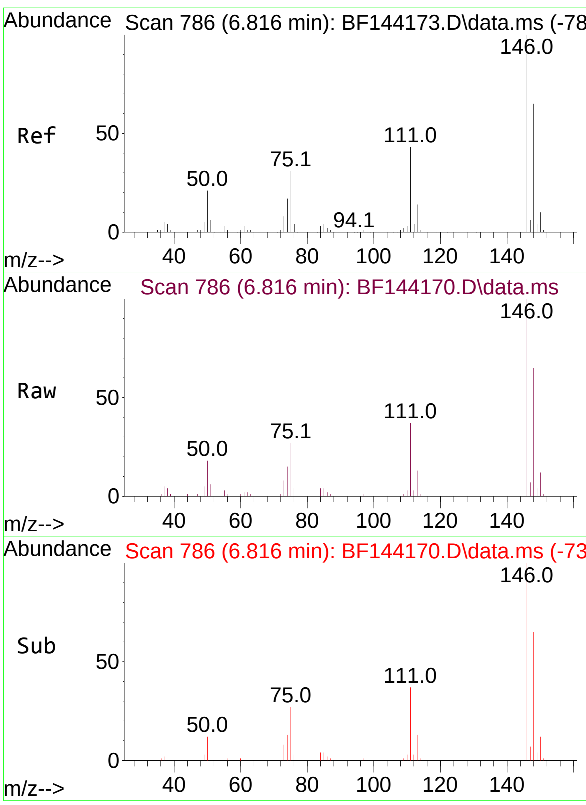


#11
bis(2-Chloroethyl)ether
Concen: 4.958 ng
RT: 6.604 min Scan# 75
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 93 Resp: 27288

Ion	Ratio	Lower	Upper
93	100		
63	74.4	55.2	95.2
95	30.7	11.2	51.2

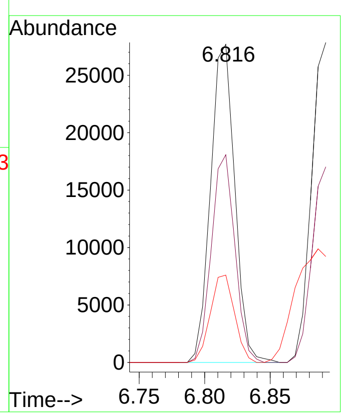




#12
1,3-Dichlorobenzene
Concen: 5.422 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:146 Resp: 35799

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.8
75	27.4	25.0	37.4



Instrument : BNA_F
ClientSampleId : SSTDICC005

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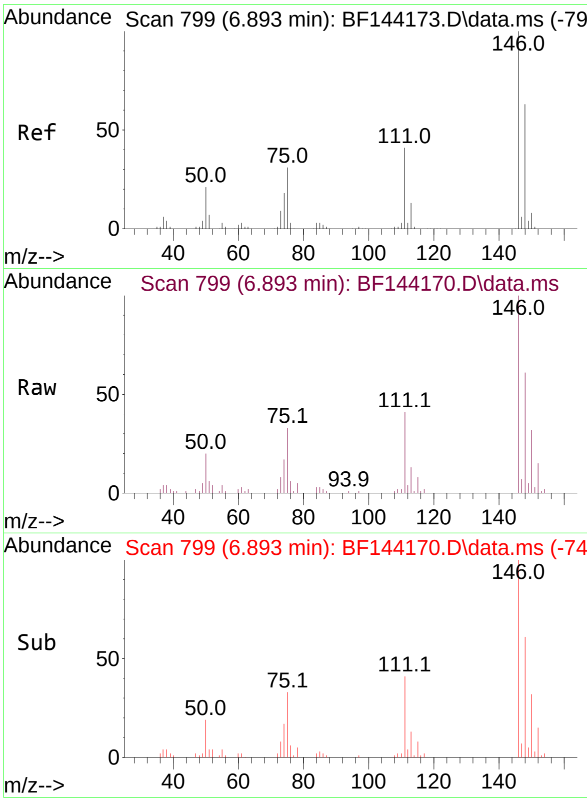
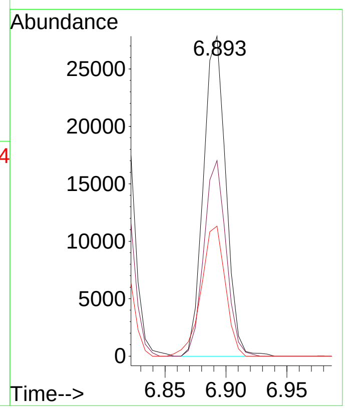
Supervised By :Jagrut Upadhyay 11/06/2025

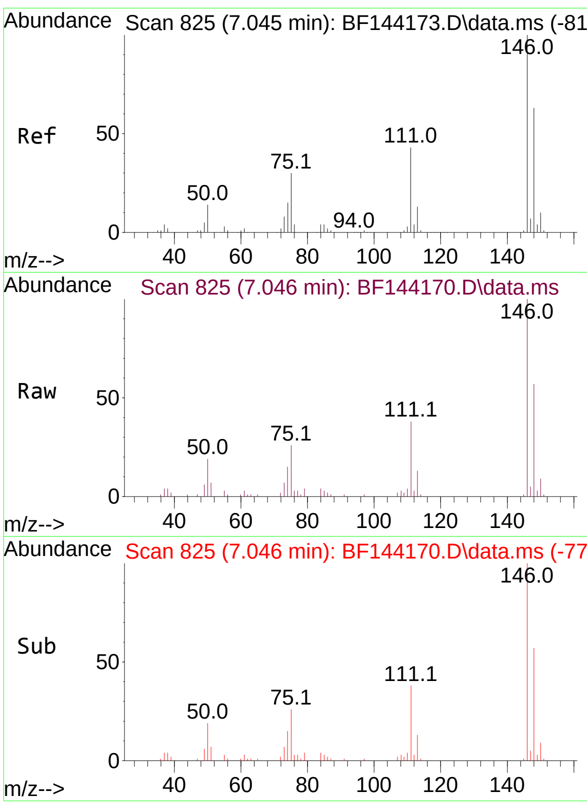


#13
1,4-Dichlorobenzene
Concen: 5.385 ng
RT: 6.893 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:146 Resp: 3562

Ion	Ratio	Lower	Upper
146	100		
148	61.1	50.2	75.2
111	40.6	32.6	48.8

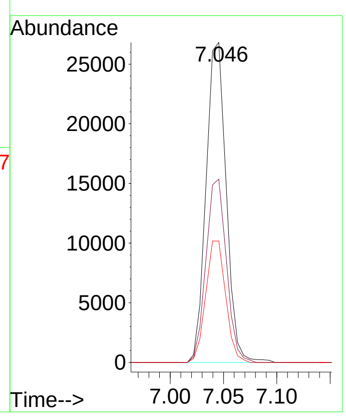


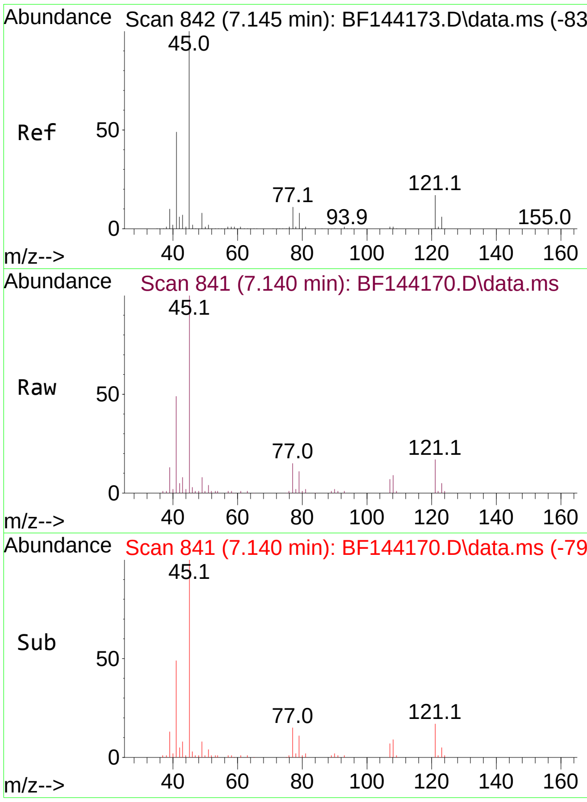


#14
1,2-Dichlorobenzene
Concen: 5.559 ng
RT: 7.046 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:146 Resp: 35243

Ion	Ratio	Lower	Upper
146	100		
148	57.3	50.7	76.1
111	37.9	34.2	51.4





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.072 ng
RT: 7.140 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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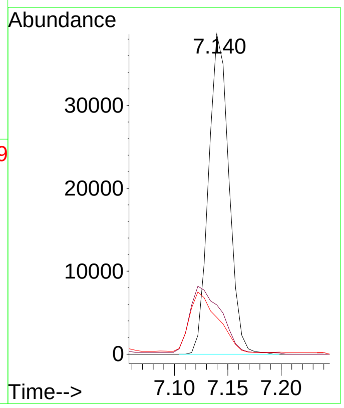
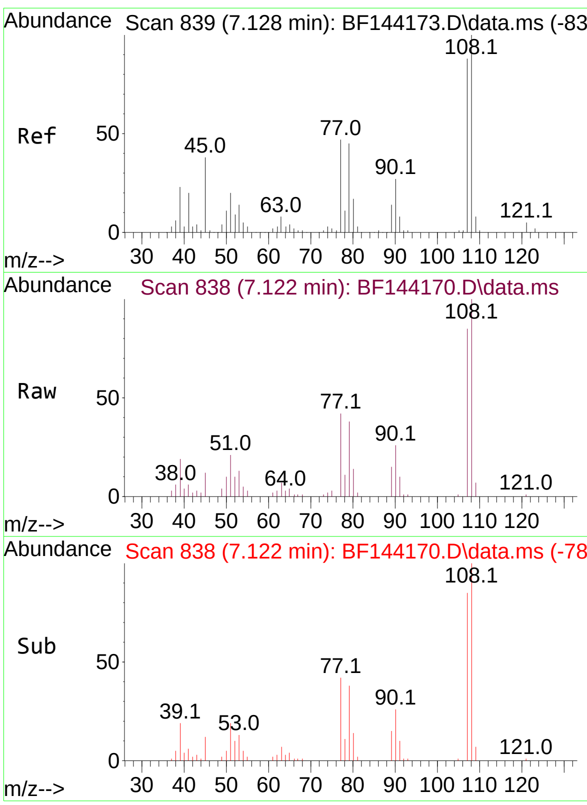
Supervised By :Jagrut Upadhyay 11/06/2025

Tgt Ion: 45 Resp: 5140

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	31.8
79	11.5	0.0	29.1

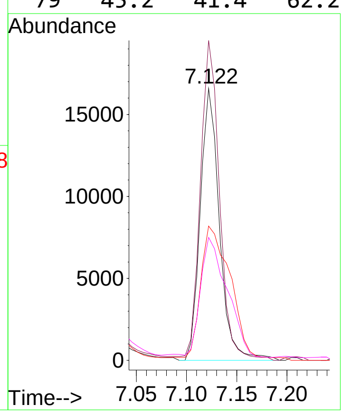


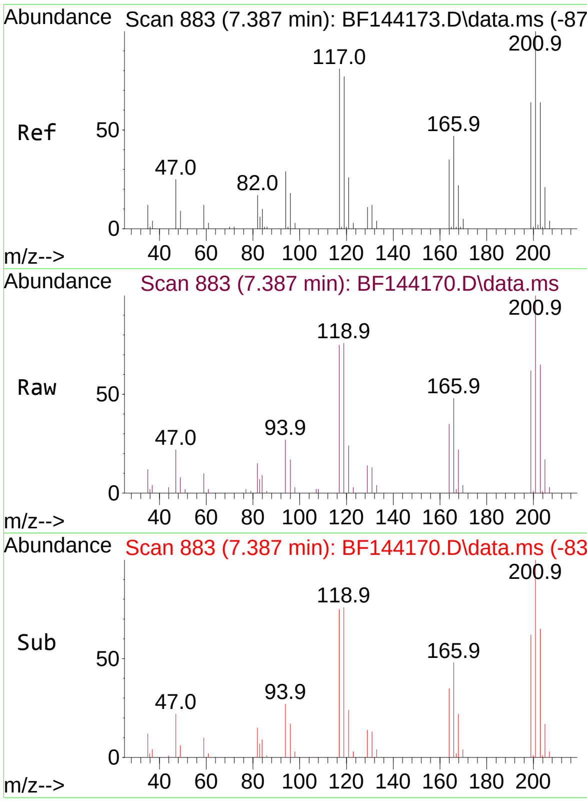


#17
2-Methylphenol
Concen: 5.168 ng
RT: 7.122 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:107 Resp: 21999

Ion	Ratio	Lower	Upper
107	100		
108	117.7	91.0	136.4
77	49.4	42.7	64.1
79	45.2	41.4	62.2





#18
Hexachloroethane
Concen: 4.973 ng
RT: 7.387 min Scan# 88
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:117 Resp: 1092

Ion	Ratio	Lower	Upper
117	100		
119	102.0	75.8	113.8
201	133.4	98.9	148.3

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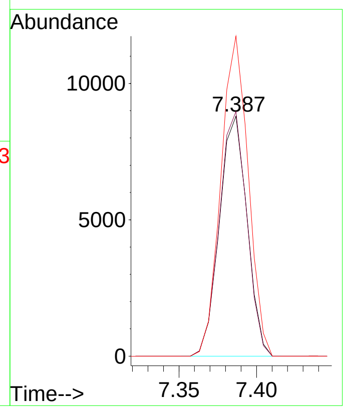
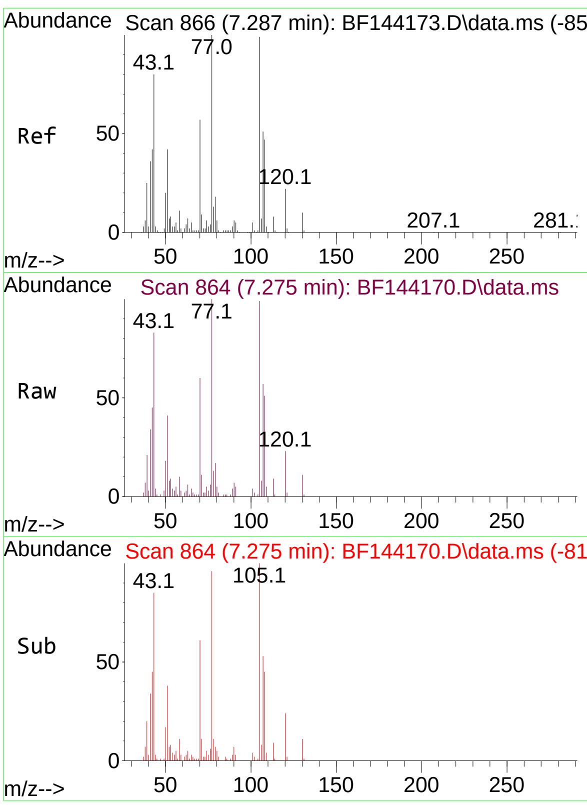
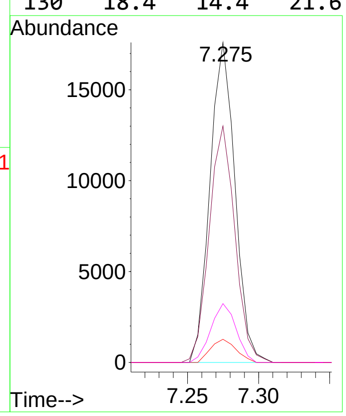




#19
n-Nitroso-di-n-propylamine
Concen: 5.296 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.023 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 70 Resp: 21555

Ion	Ratio	Lower	Upper
70	100		
42	73.9	58.3	87.5
101	7.3	7.0	10.6
130	18.4	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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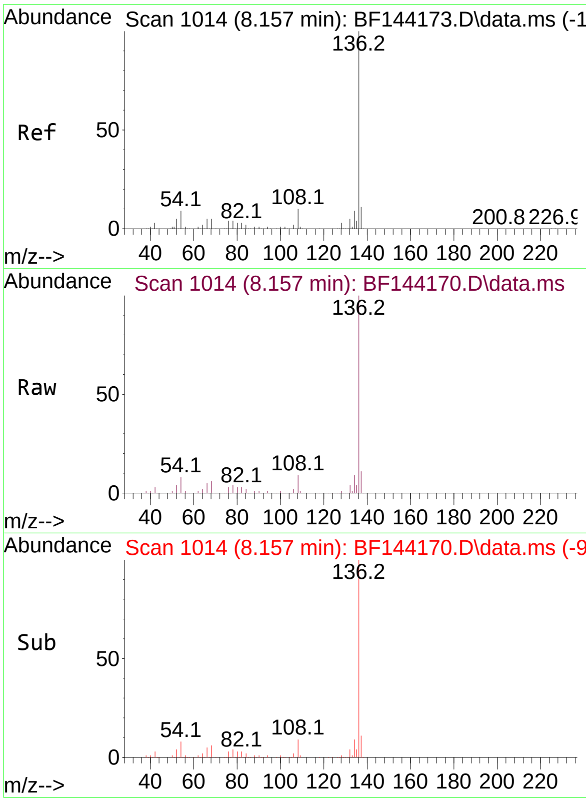
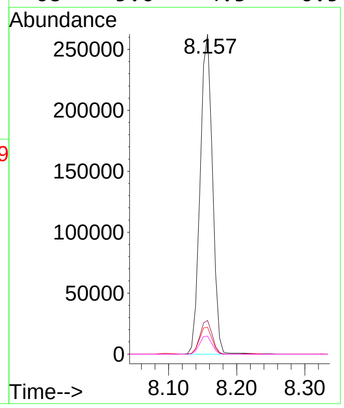
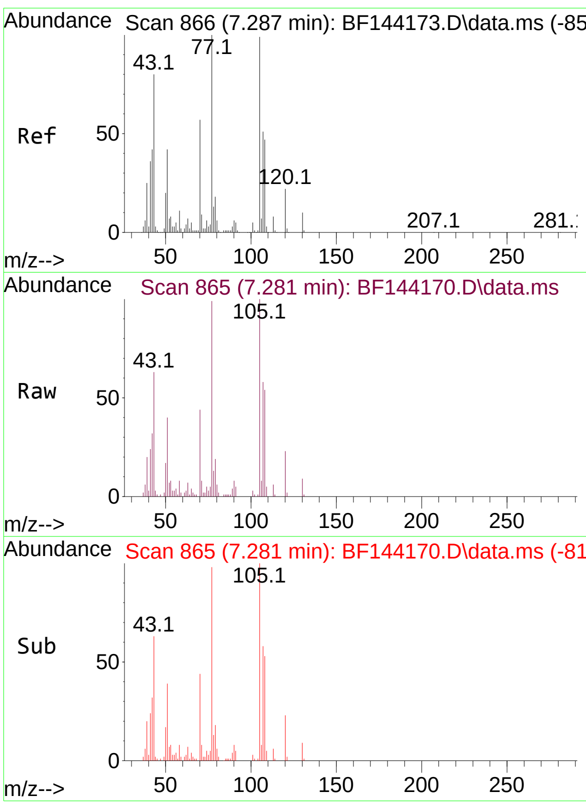


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:136 Resp: 330889

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.4	7.0	10.6
68	5.6	4.3	6.5

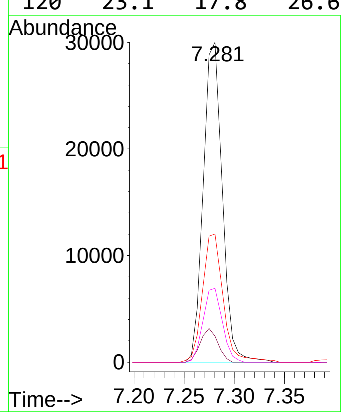




#22
Acetophenone
Concen: 5.580 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:105 Resp: 39609

Ion	Ratio	Lower	Upper
105	100		
71	8.1	7.2	10.8
51	40.0	34.0	51.0
120	23.1	17.8	26.6



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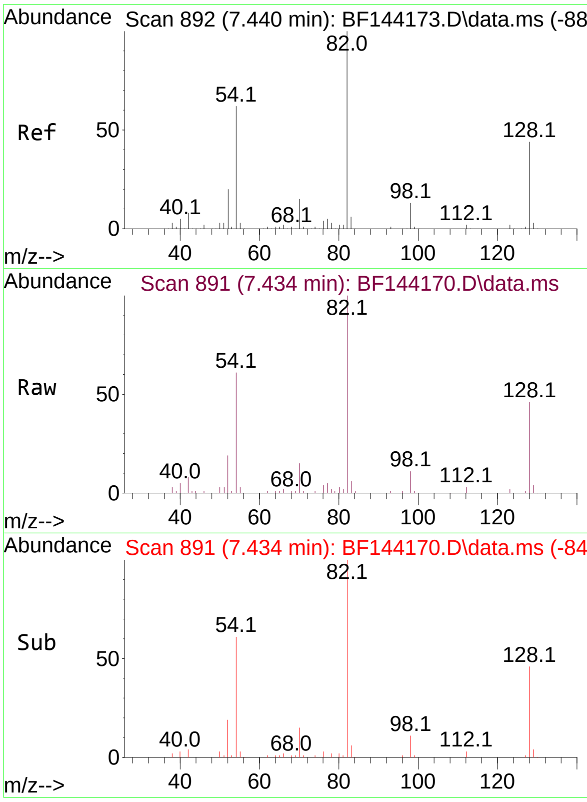

#23
Nitrobenzene-d5
Concen: 9.904 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 82 Resp: 56744

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.7	52.1
54	60.6	49.5	74.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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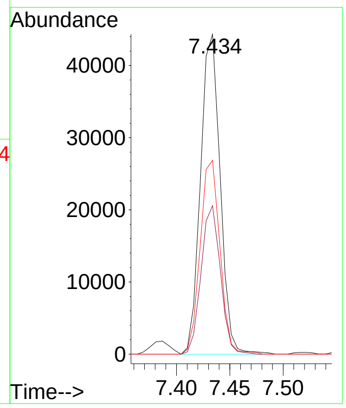
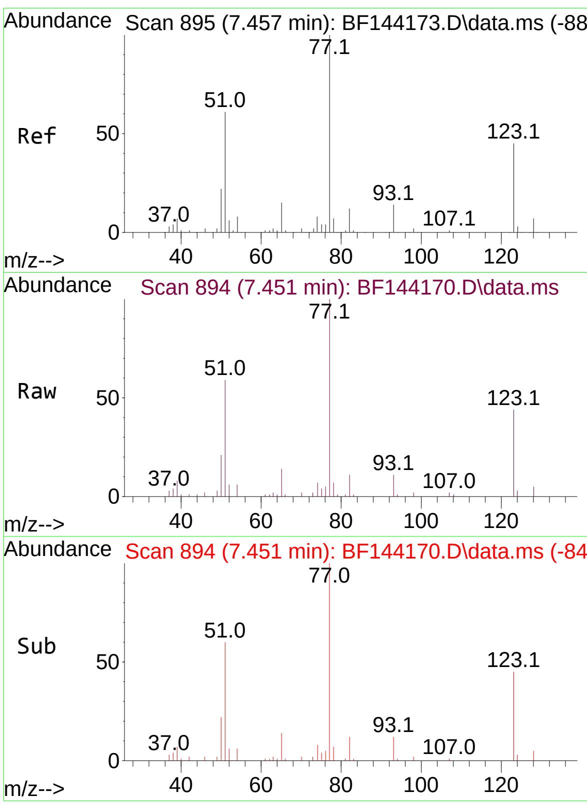
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

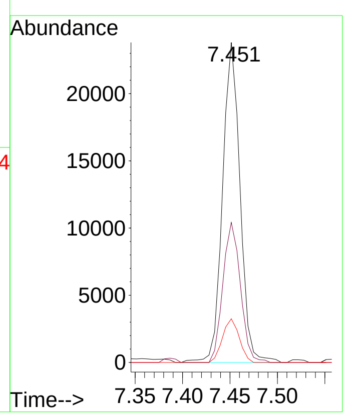




#24
Nitrobenzene
Concen: 4.915 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 77 Resp: 30574

Ion	Ratio	Lower	Upper
77	100		
123	43.7	35.8	53.8
65	13.6	12.2	18.2

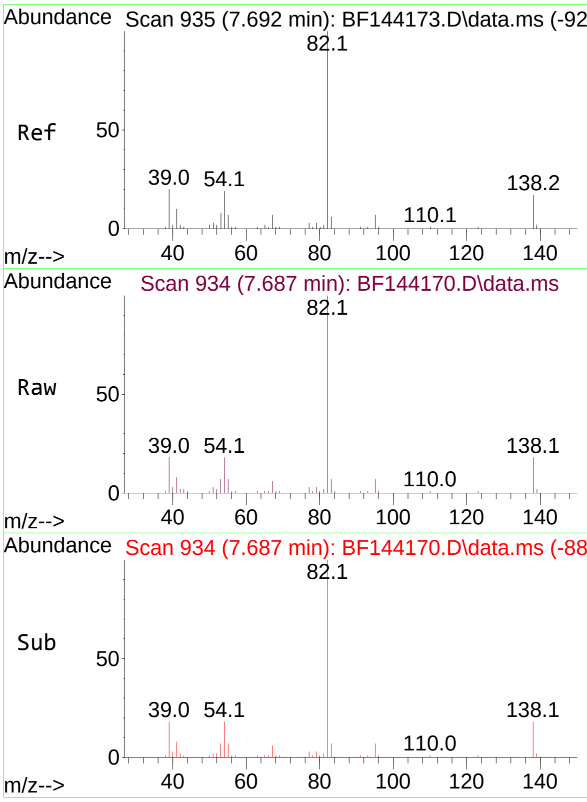


ICAL Form

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

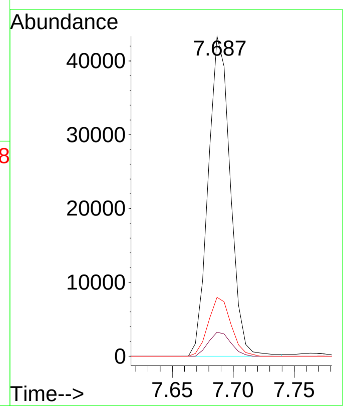
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

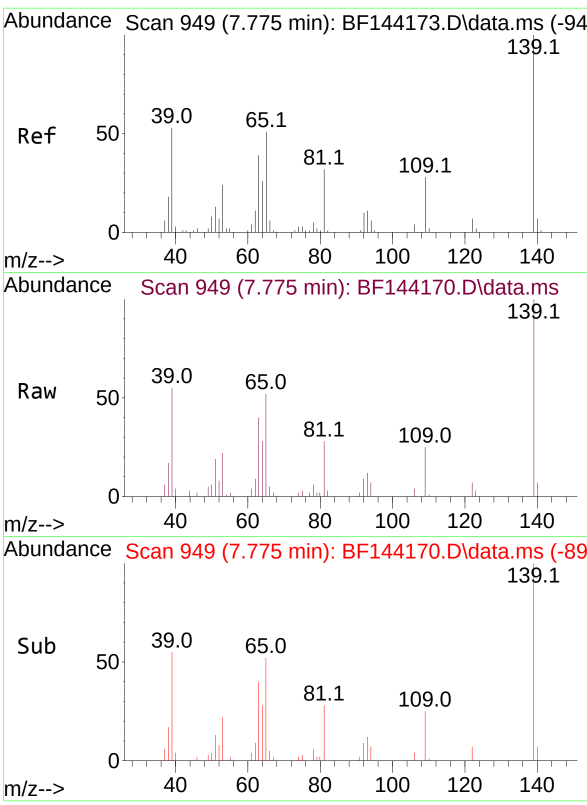


#25
Isophorone
Concen: 5.028 ng
RT: 7.687 min Scan# 9
Delta R.T. -0.017 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 82 Resp: 5448

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.5	8.3
138	18.4	13.7	20.5

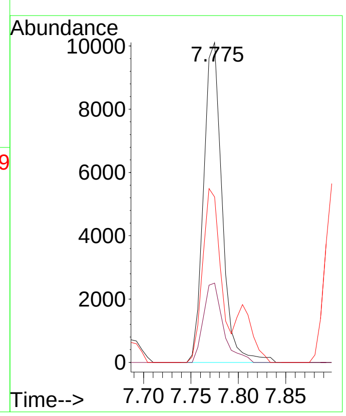




#26
2-Nitrophenol
Concen: 4.478 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:139 Resp: 13789

Ion	Ratio	Lower	Upper
139	100		
109	24.8	22.2	33.2
65	51.7	40.7	61.1



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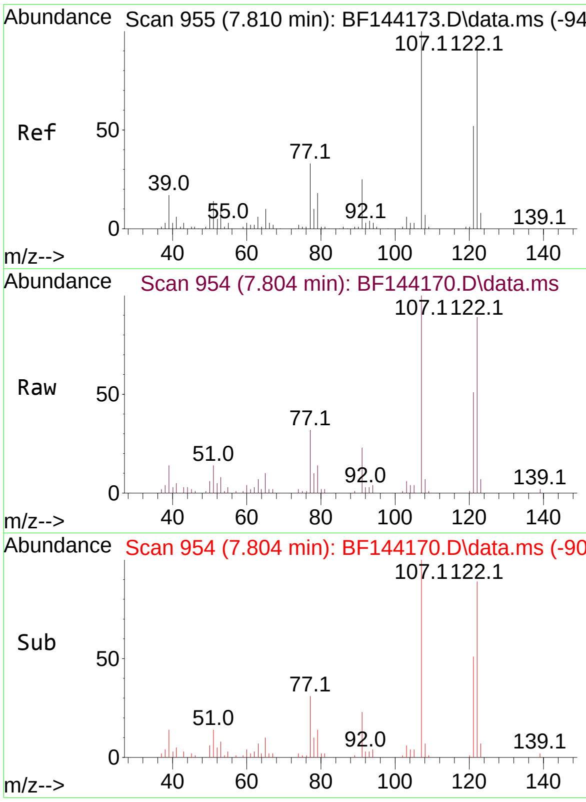

#27
2,4-Dimethylphenol
Concen: 5.045 ng
RT: 7.804 min Scan# 95
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:122 Resp: 2328

Ion	Ratio	Lower	Upper
122	100		
107	112.2	86.2	129.4
121	57.7	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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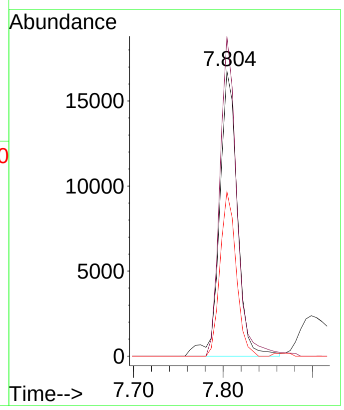
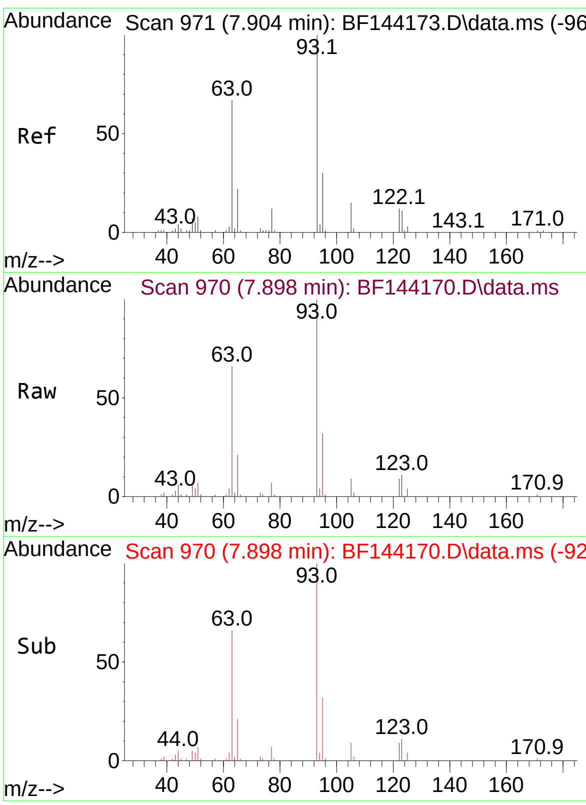
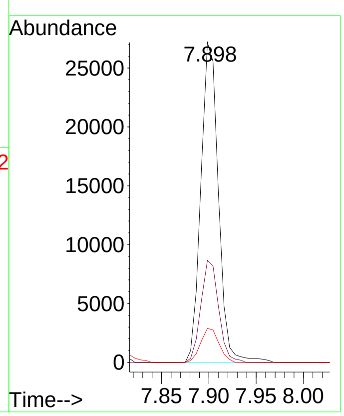




#28
bis(2-Chloroethoxy)methane
Concen: 5.207 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 93 Resp: 35235

Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.2	36.4
123	10.6	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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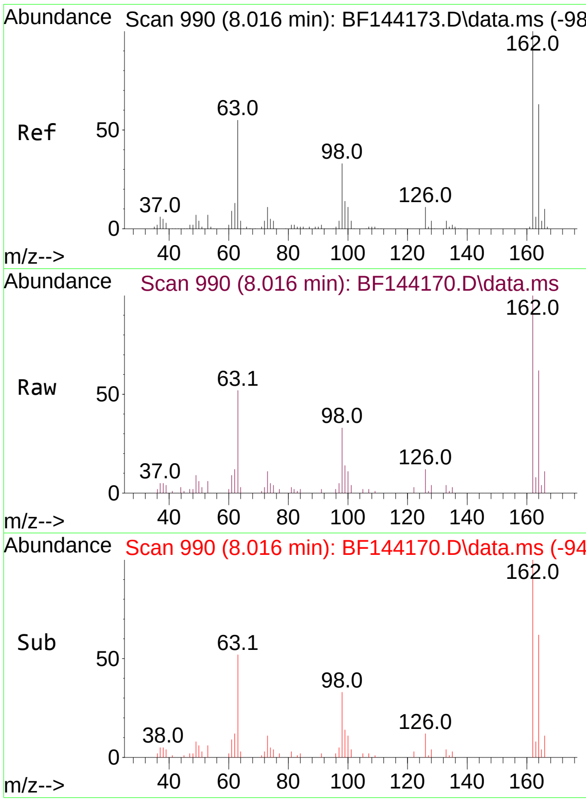
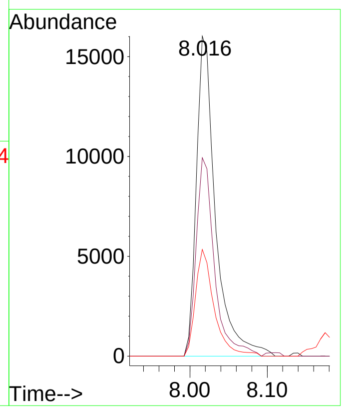
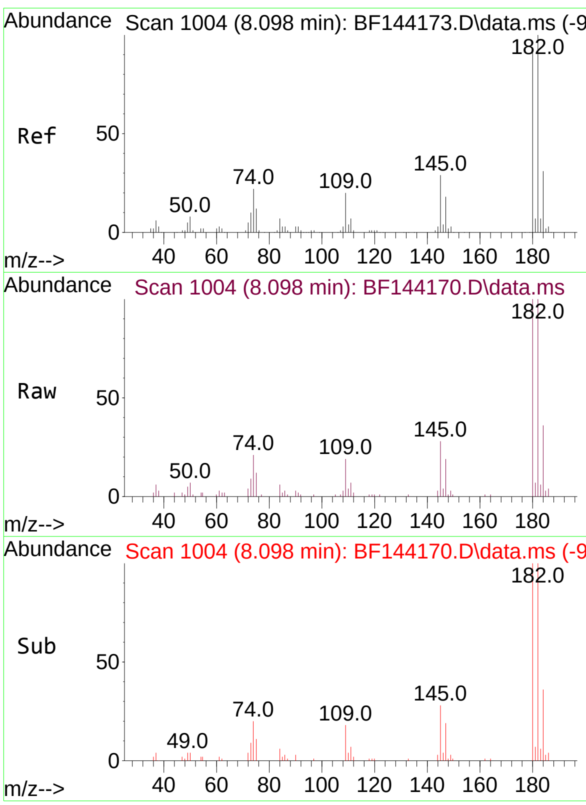


#29
2,4-Dichlorophenol
Concen: 5.189 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:162 Resp: 2760

Ion	Ratio	Lower	Upper
162	100		
164	62.0	42.9	82.9
98	33.3	13.3	53.3

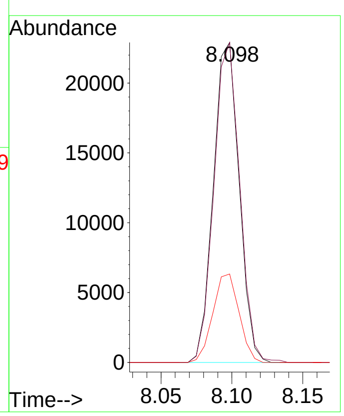


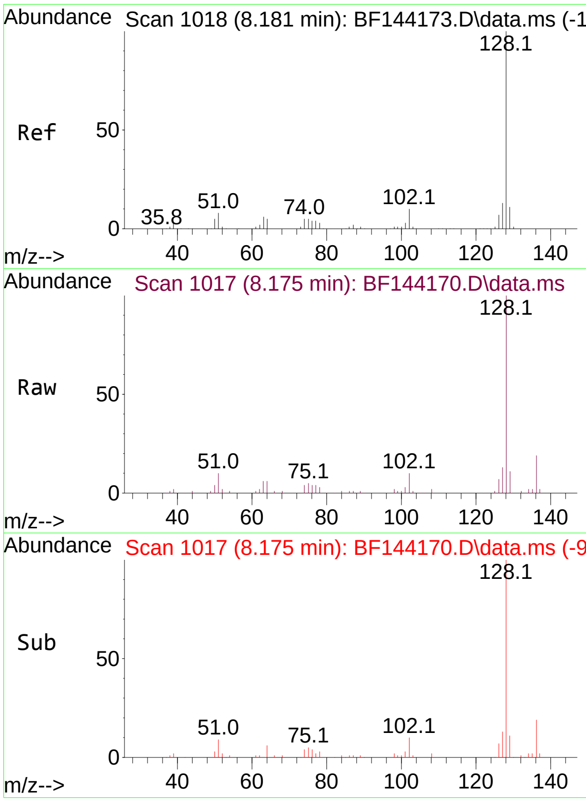


#30
1,2,4-Trichlorobenzene
Concen: 5.298 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:180 Resp: 28937

Ion	Ratio	Lower	Upper
180	100		
182	100.0	87.7	131.5
145	27.6	25.4	38.0





#31
Naphthalene
Concen: 5.357 ng
RT: 8.175 min   Scan# 1
Delta R.T.   -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025   13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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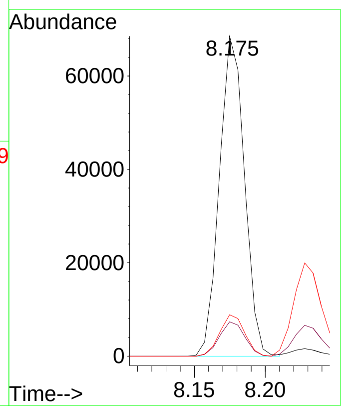
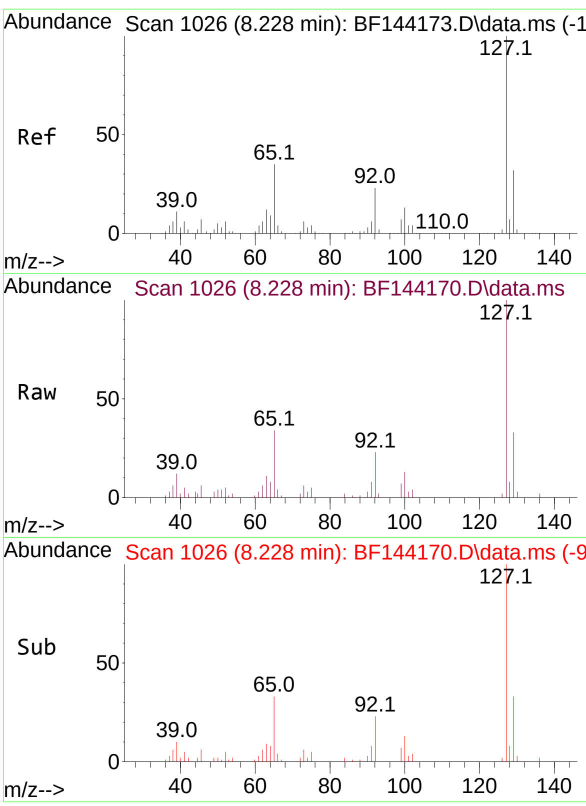
Tgt Ion:128 Resp: 8432

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	12.9	10.3	15.5

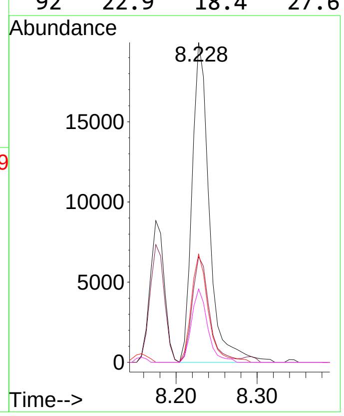




#33
4-Chloroaniline
Concen: 5.157 ng
RT: 8.228 min   Scan# 1026
Delta R.T.   -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025   13:20

Tgt Ion:127 Resp: 29602

Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.3	37.9
65	33.8	27.6	41.4
92	22.9	18.4	27.6



Instrument :
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ClientSampleId :
SSTDICC005

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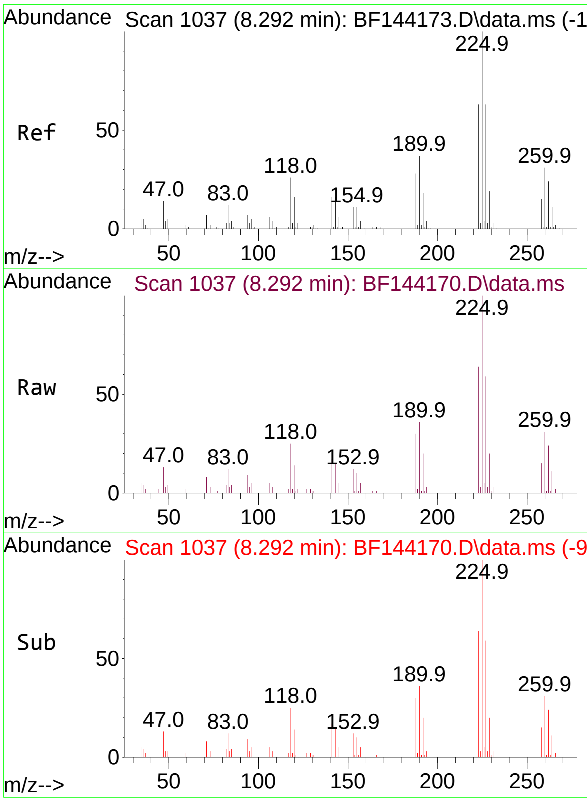
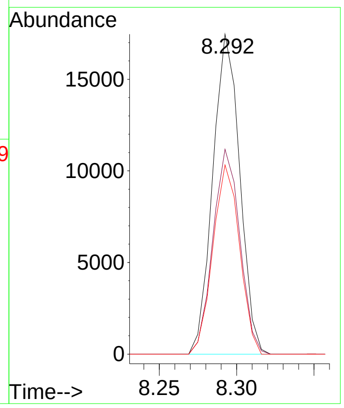
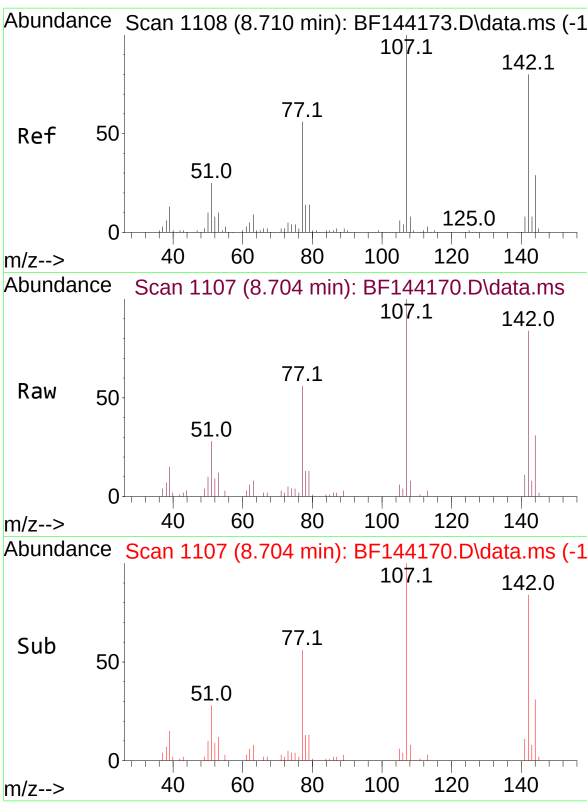


#34
Hexachlorobutadiene
Concen: 5.152 ng
RT: 8.292 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:225 Resp: 2120

Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.2	75.4
227	59.1	50.1	75.1

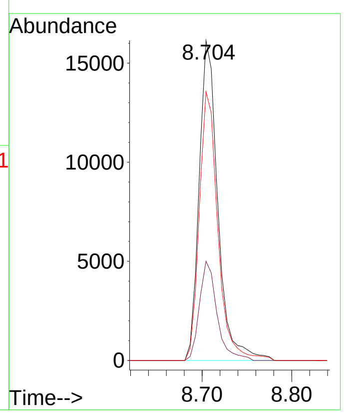


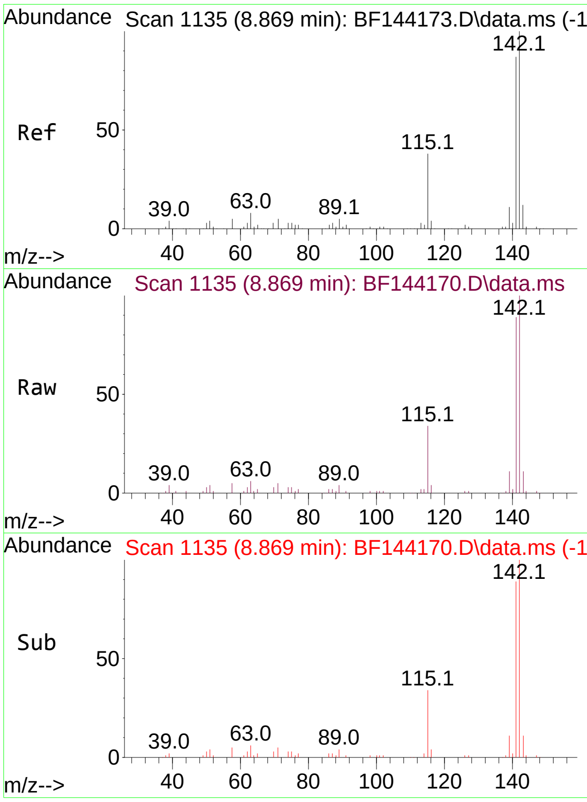


#36
4-Chloro-3-methylphenol
Concen: 4.914 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:107 Resp: 23428

Ion	Ratio	Lower	Upper
107	100		
144	31.0	23.3	34.9
142	84.0	63.8	95.6





#37
2-Methylnaphthalene
Concen: 5.520 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 5808

Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.9	104.9

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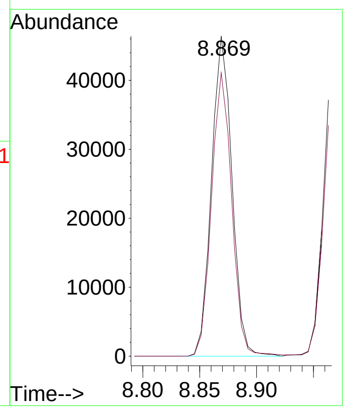
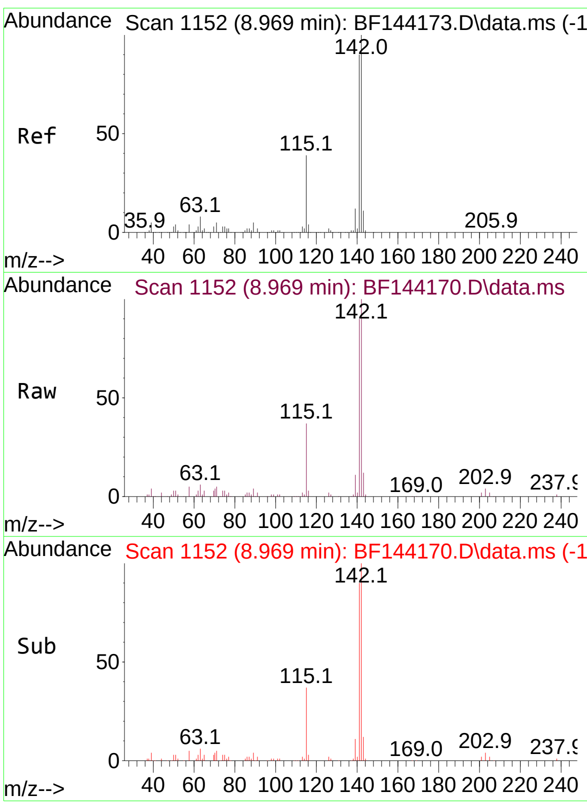
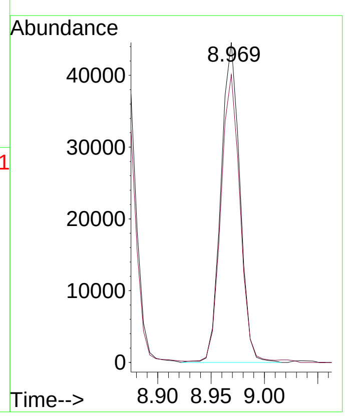




#38
1-Methylnaphthalene
Concen: 5.431 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:142 Resp: 55152

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.1	108.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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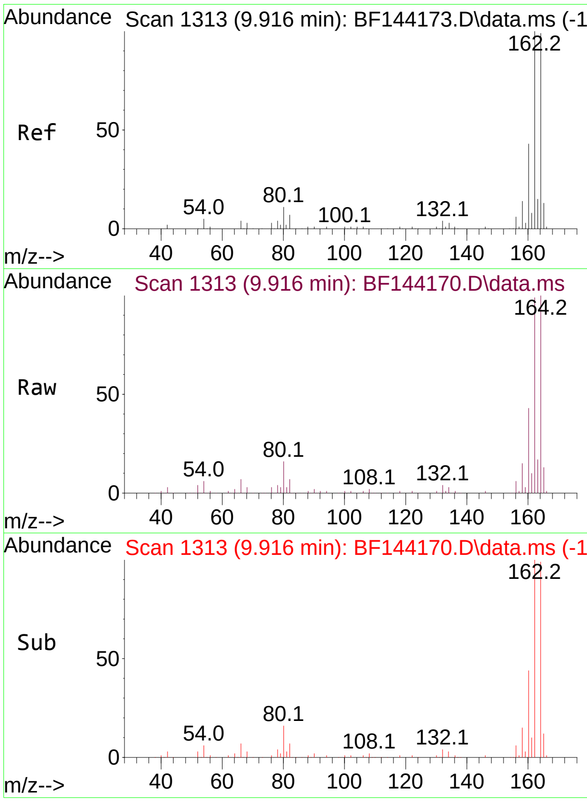
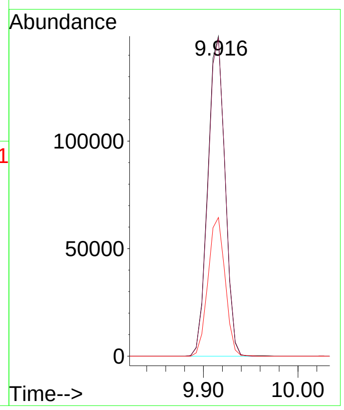
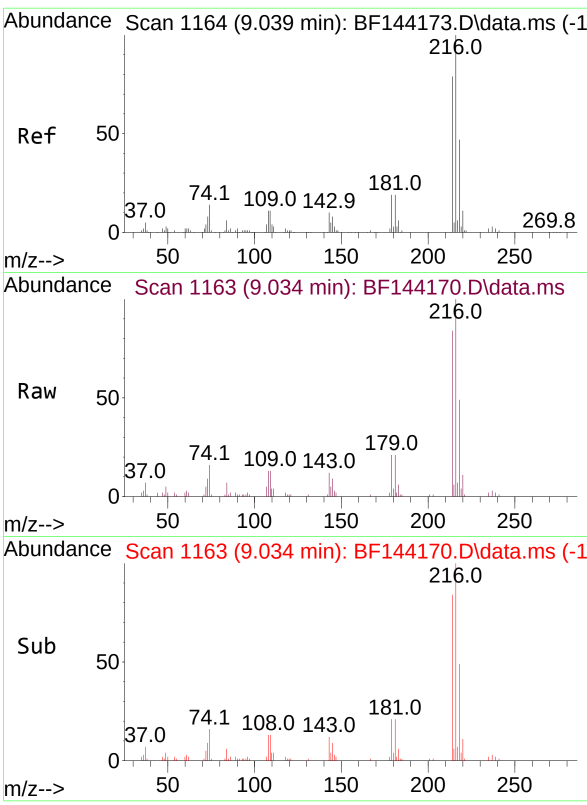


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 13
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:164 Resp: 18800

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.1	121.7
160	43.3	34.5	51.7

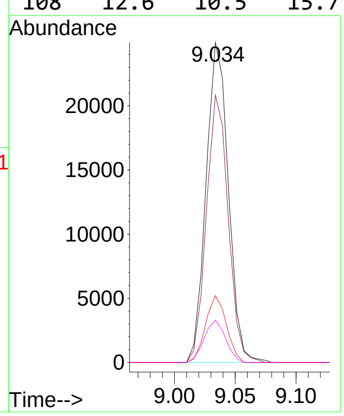


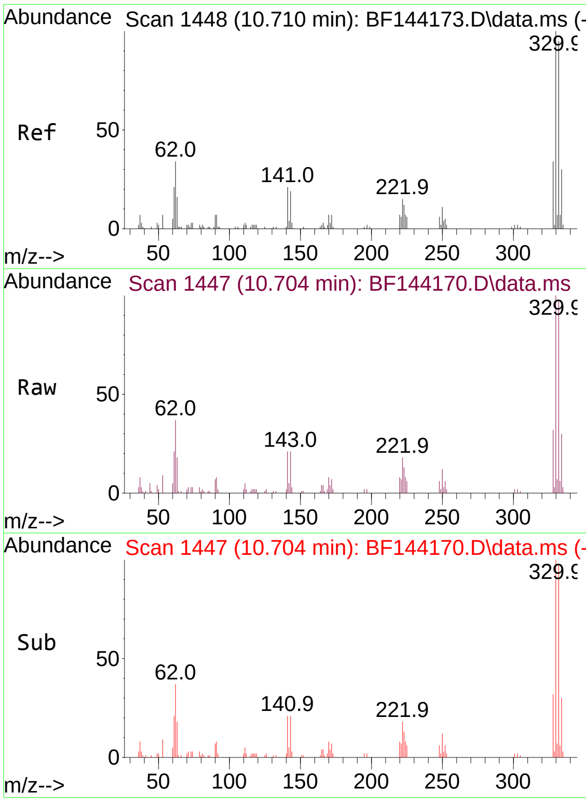


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.165 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:216 Resp: 31823

Ion	Ratio	Lower	Upper
216	100		
214	81.6	63.4	95.2
179	19.4	15.0	22.4
108	12.6	10.5	15.7





#42
2,4,6-Tribromophenol
Concen: 9.647 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 22758

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.7	115.1
141	21.8	17.8	26.8

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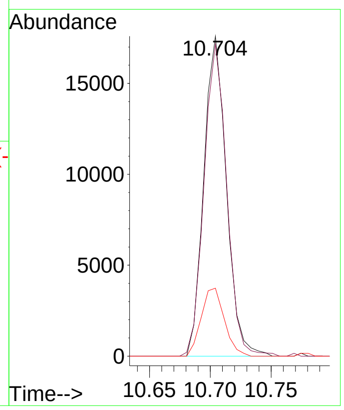
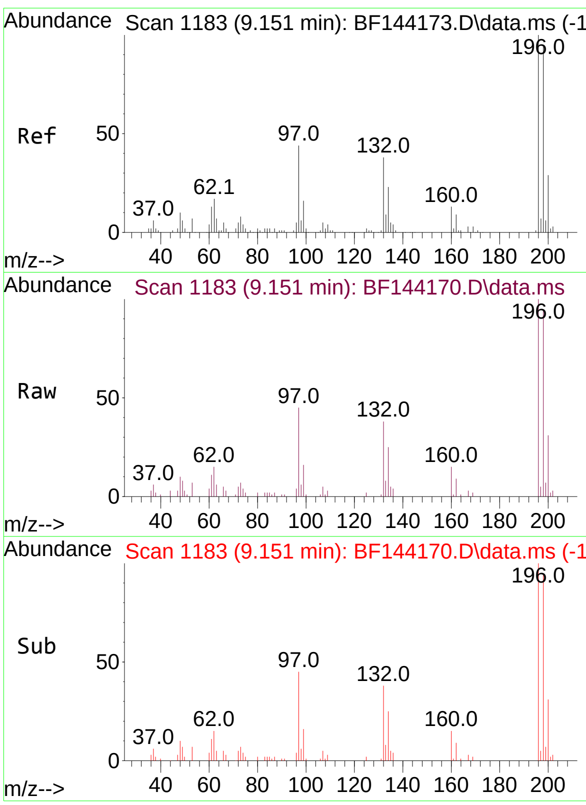
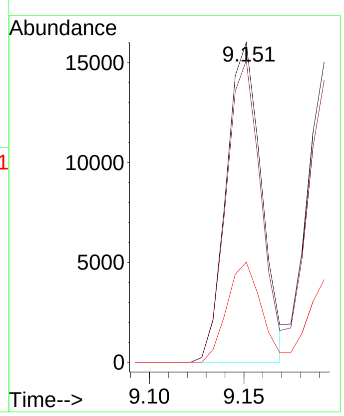




#43
2,4,6-Trichlorophenol
Concen: 4.933 ng
RT: 9.151 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:196 Resp: 20685

Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.3	112.9
200	31.3	23.4	35.2



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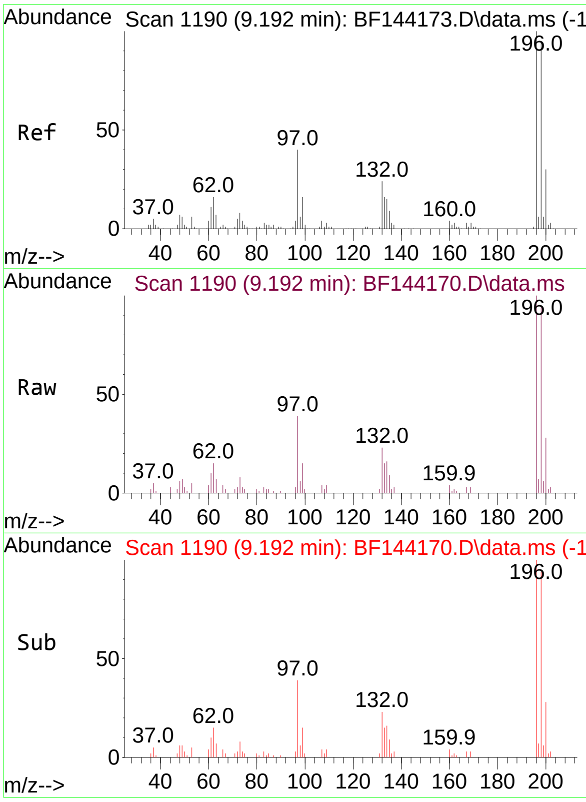

#44
2,4,5-Trichlorophenol
Concen: 5.165 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:196 Resp: 23346

Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.1	114.1
97	39.0	31.9	47.9
132	23.4	19.4	29.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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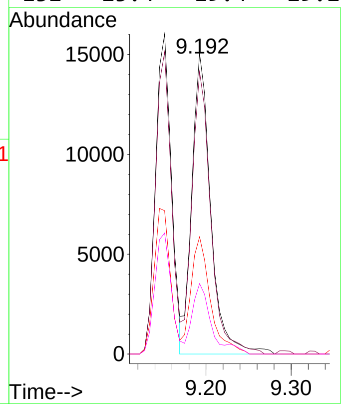
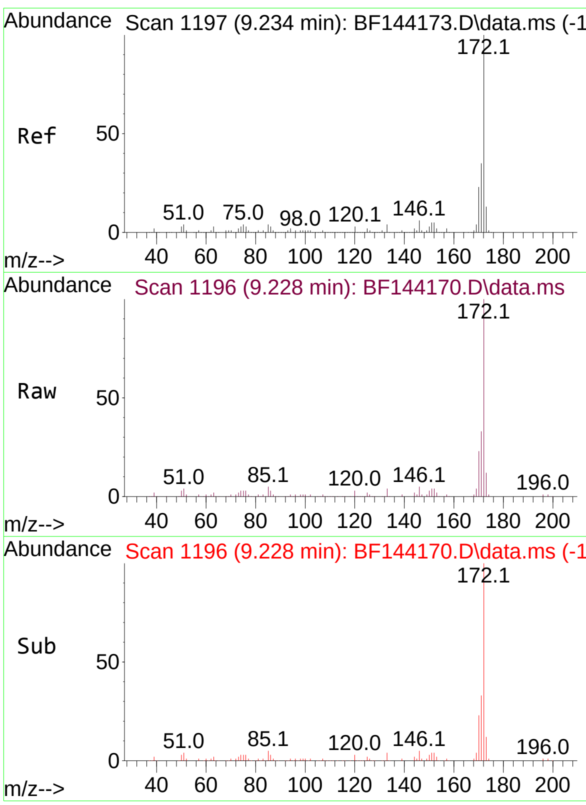
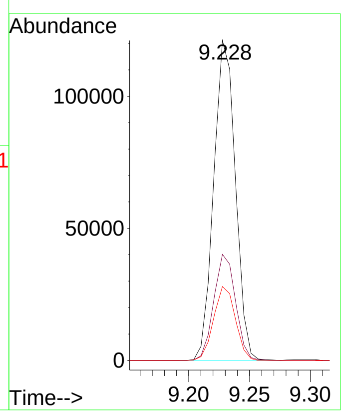


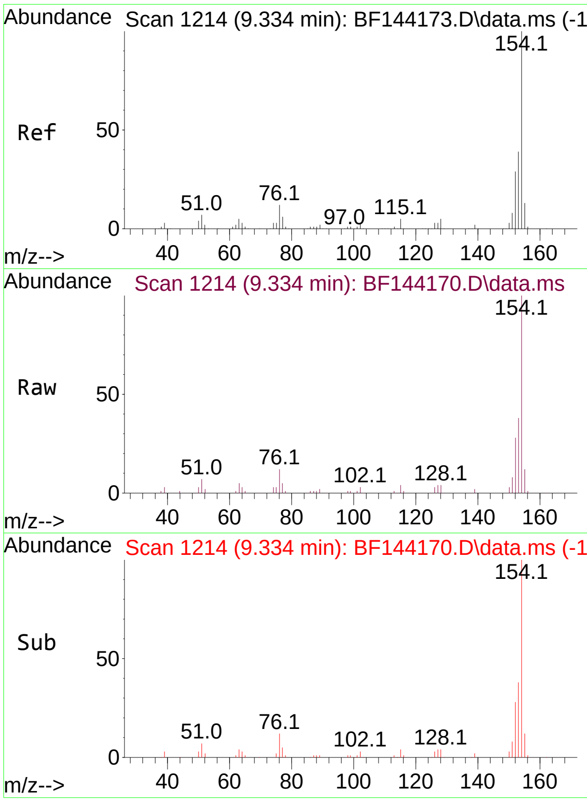


#45
2-Fluorobiphenyl
Concen: 11.803 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:172 Resp: 150248

Ion	Ratio	Lower	Upper
172	100		
171	33.1	28.1	42.1
170	23.1	18.6	28.0





#46
1,1'-Biphenyl
Concen: 5.496 ng
RT: 9.334 min Scan# 12
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:154 Resp: 7212

Ion	Ratio	Lower	Upper
154	100		
153	38.1	19.2	59.2
76	11.5	0.0	31.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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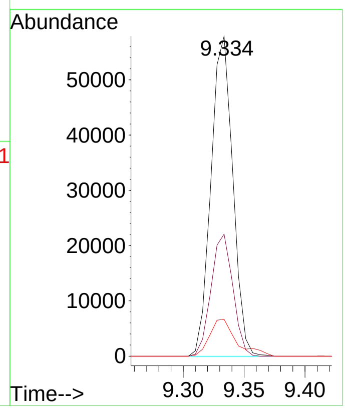
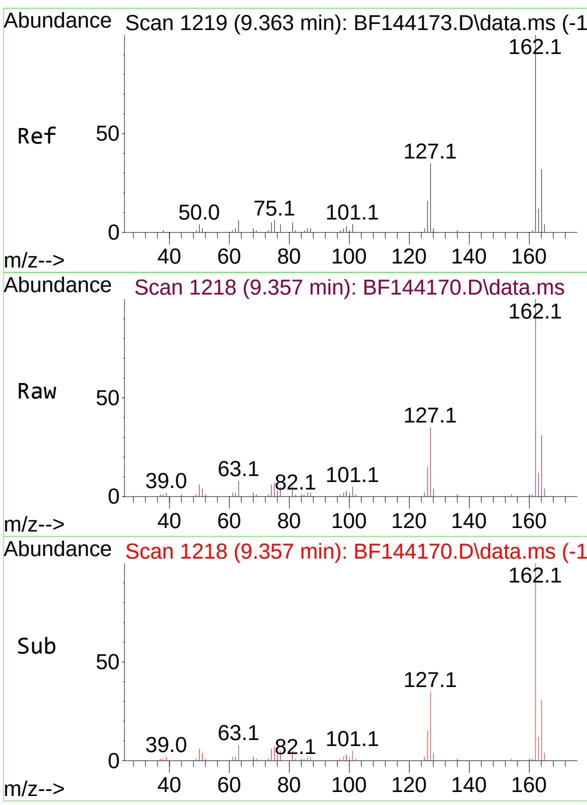
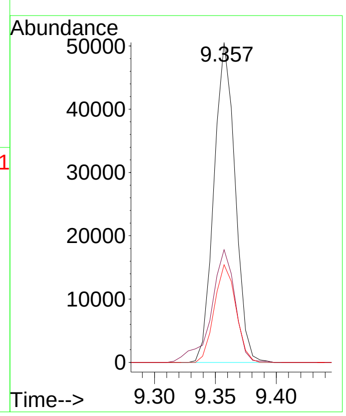




#47
2-Chloronaphthalene
Concen: 5.470 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:162 Resp: 61232

Ion	Ratio	Lower	Upper
162	100		
127	35.2	28.8	43.2
164	30.5	25.8	38.8



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Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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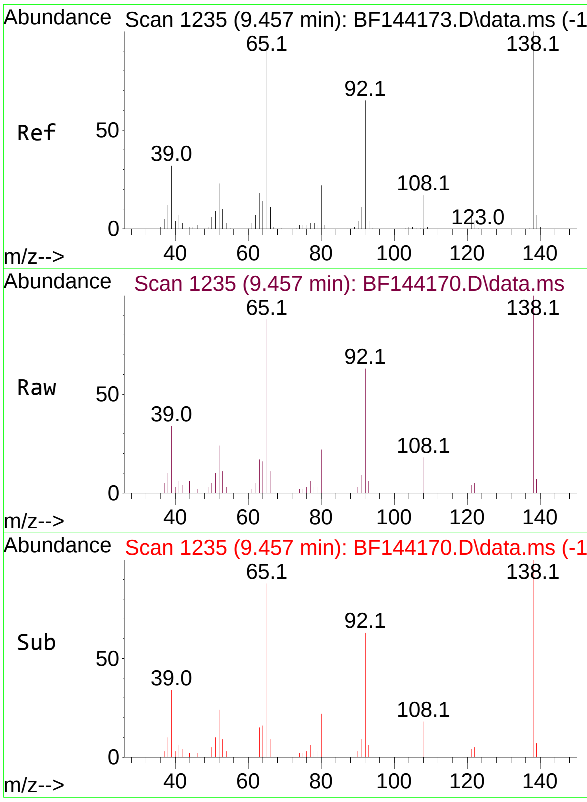
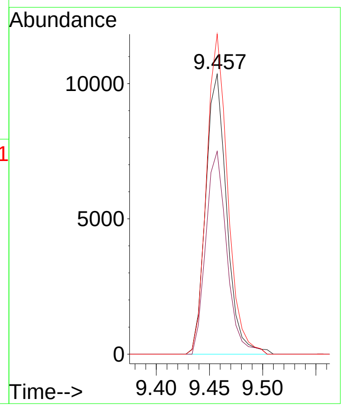
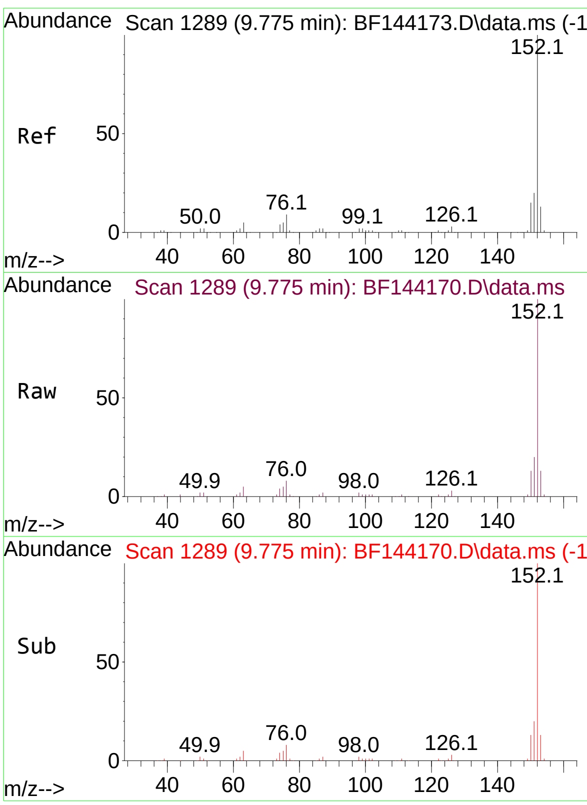


#48
2-Nitroaniline
Concen: 4.399 ng
RT: 9.457 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 65 Resp: 14208

Ion	Ratio	Lower	Upper
65	100		
92	72.4	53.0	79.6
138	114.3	81.6	122.4

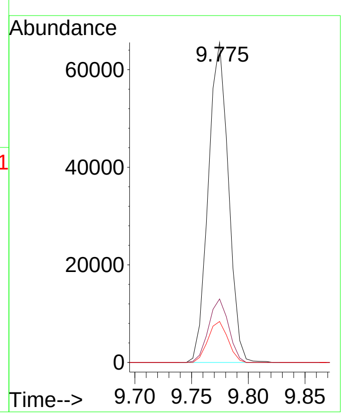


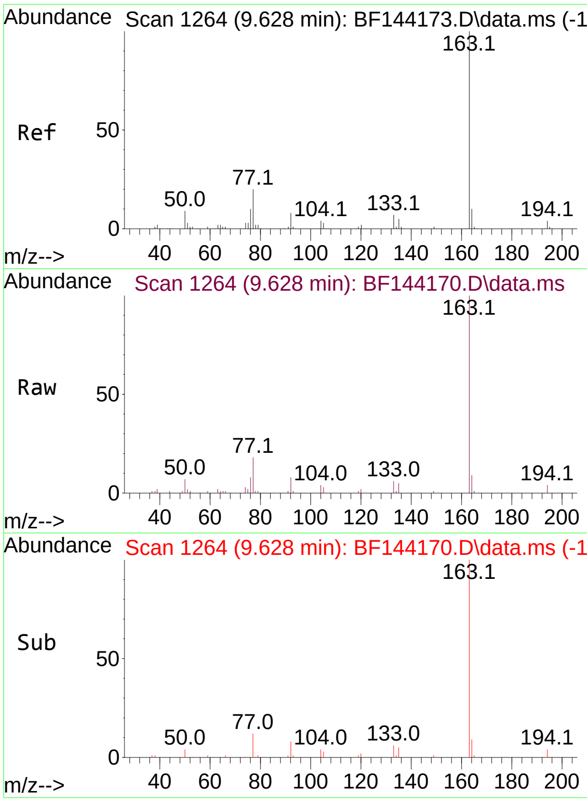


#49
Acenaphthylene
Concen: 5.321 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:152 Resp: 81168

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	12.8	10.5	15.7





#50
Dimethylphthalate
Concen: 5.423 ng
RT: 9.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:163 Resp: 67538

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	8.5	8.1	12.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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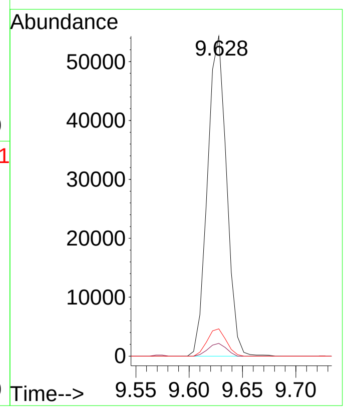
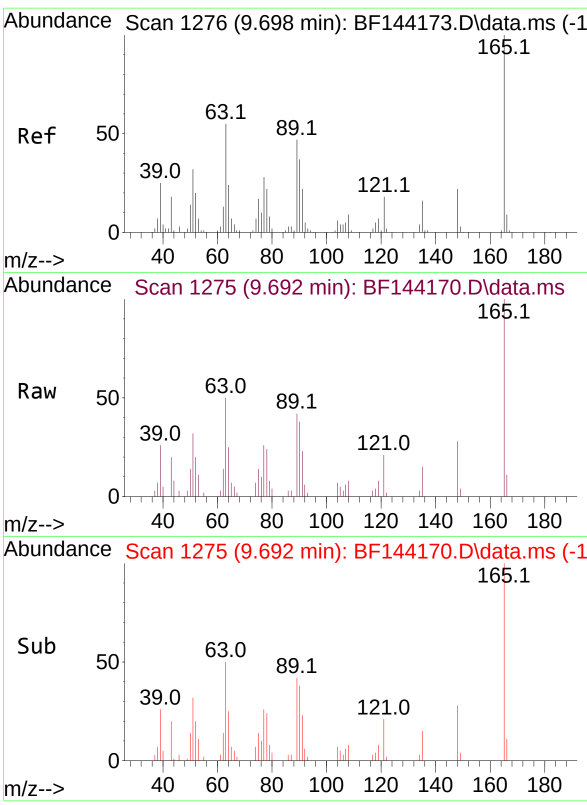
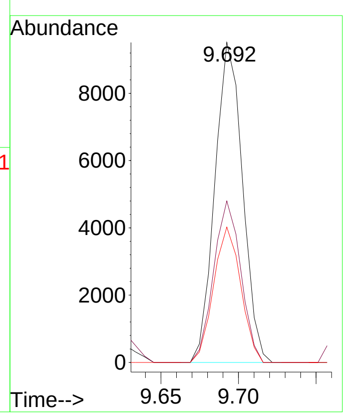




#51
2,6-Dinitrotoluene
Concen: 4.684 ng
RT: 9.692 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:165 Resp: 11809

Ion	Ratio	Lower	Upper
165	100		
63	50.5	43.8	65.8
89	42.3	37.5	56.3



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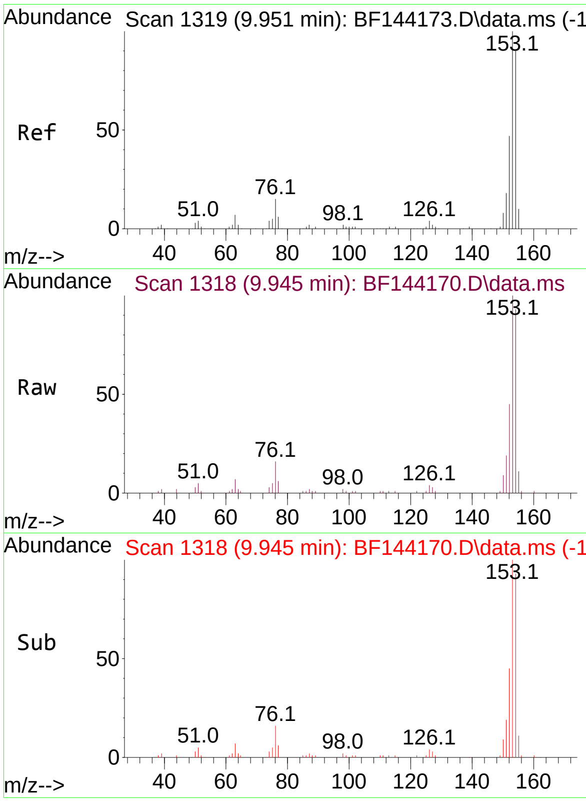

#52
Acenaphthene
Concen: 5.241 ng
RT: 9.945 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:154 Resp: 53468

Ion	Ratio	Lower	Upper
154	100		
153	107.4	89.0	133.4
152	48.5	42.2	63.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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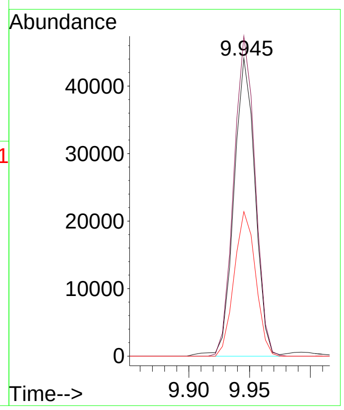
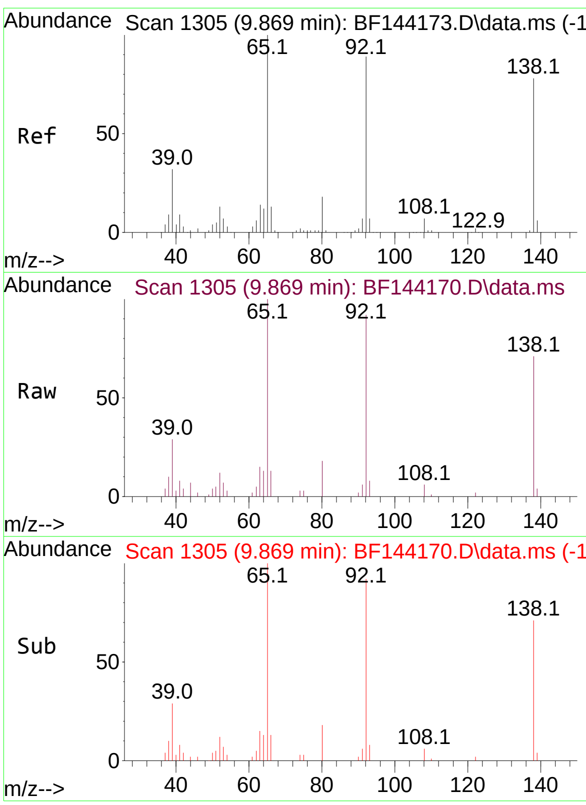
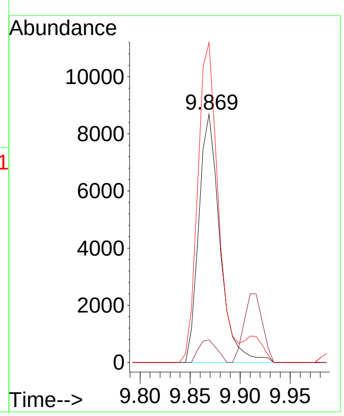




#53
3-Nitroaniline
Concen: 4.626 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:138 Resp: 12750

Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.5	11.3
92	128.9	91.8	137.6



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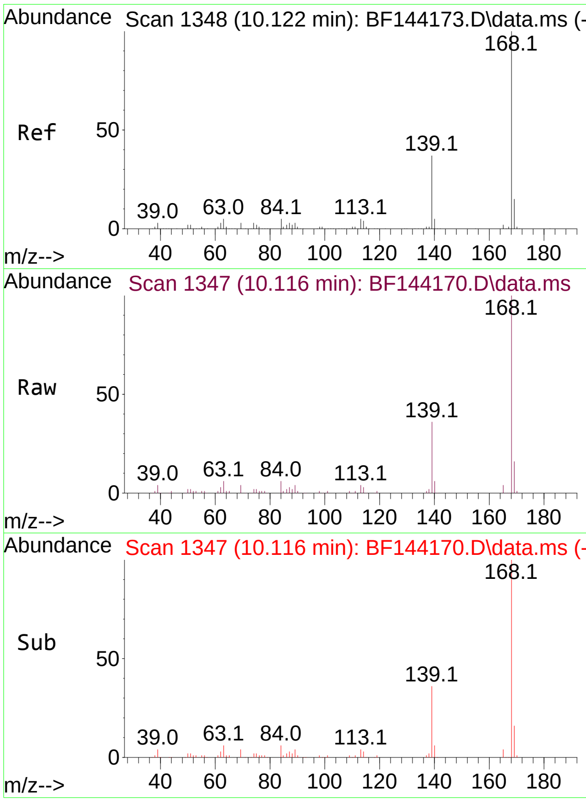
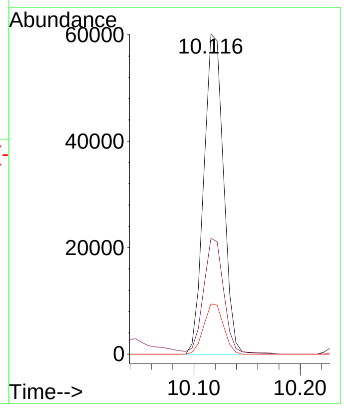


#55
Dibenzofuran
Concen: 5.409 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:168 Resp: 7727

Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.2	45.2
169	15.7	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
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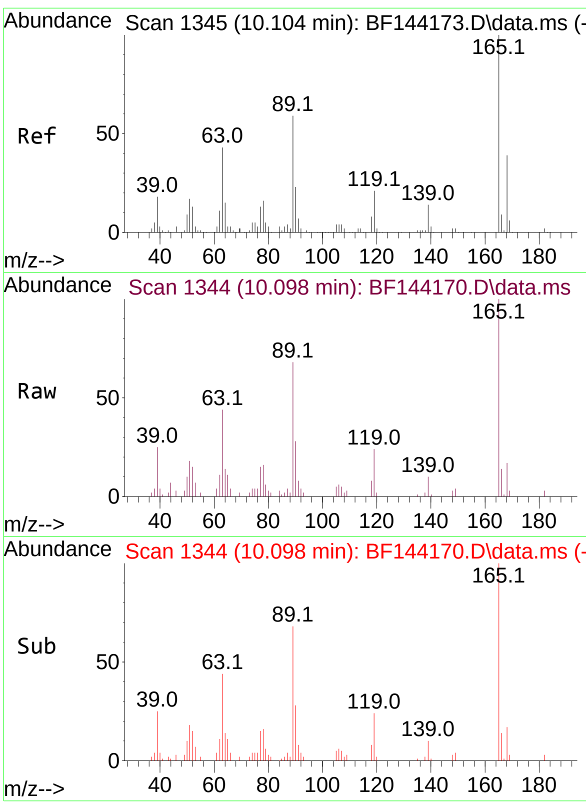
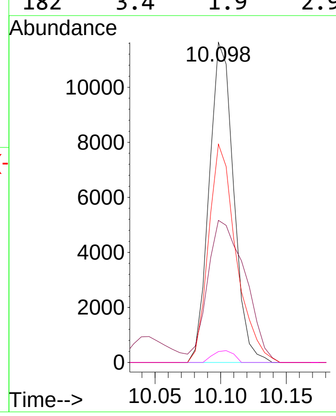
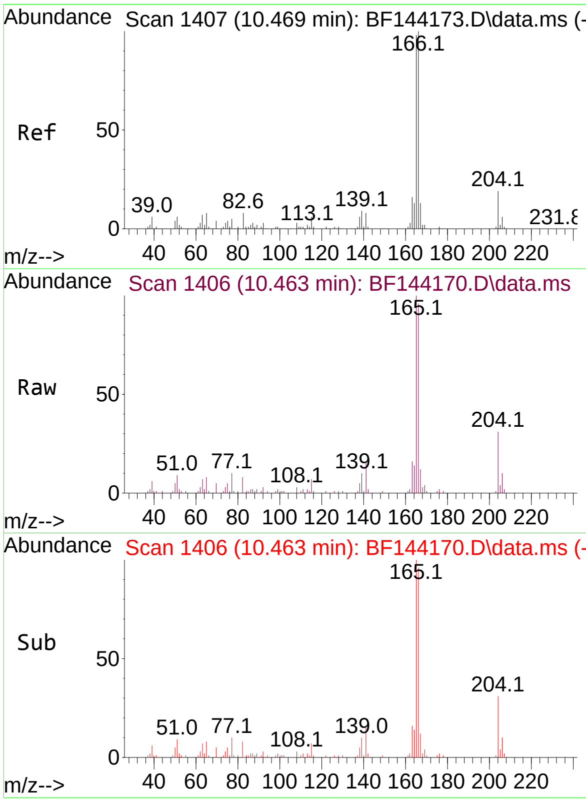


#57
2,4-Dinitrotoluene
Concen: 4.485 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:165 Resp: 15136

Ion	Ratio	Lower	Upper
165	100		
63	44.4	35.5	53.3
89	68.2	47.4	71.2
182	3.4	1.9	2.9#

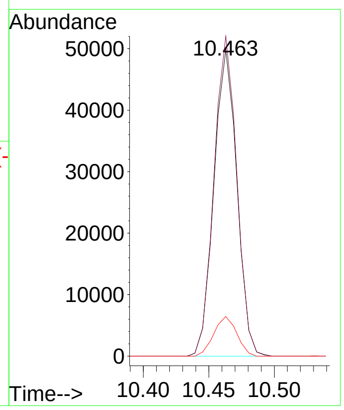




#58
Fluorene
Concen: 5.605 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:166 Resp: 6088

Ion	Ratio	Lower	Upper
166	100		
165	104.5	78.6	118.0
167	12.9	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
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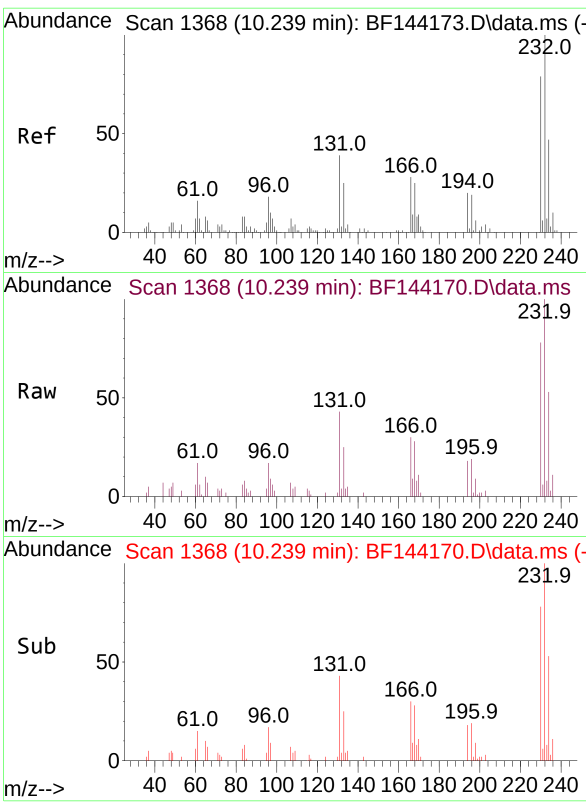
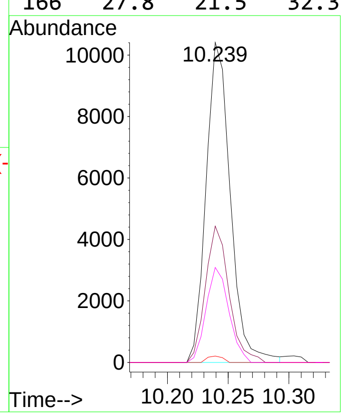


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.525 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:232 Resp: 14470

Ion	Ratio	Lower	Upper
232	100		
131	41.4	30.3	45.5
130	1.3	1.2	1.8
166	27.8	21.5	32.3



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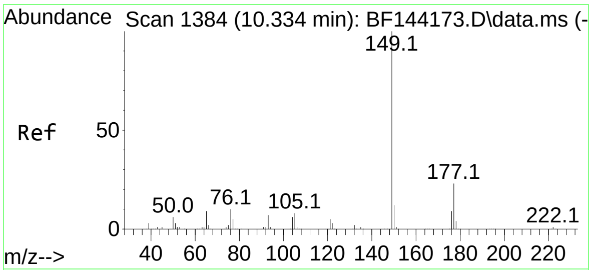

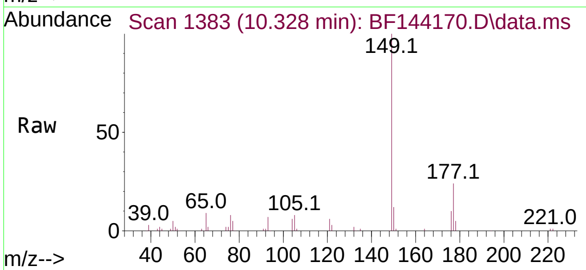

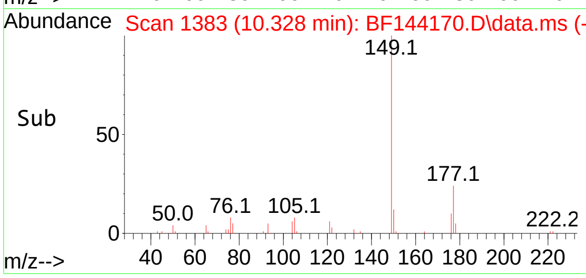

#60
Diethylphthalate
Concen: 5.297 ng
RT: 10.328 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:149 Resp: 6081

Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.3	27.5
150	12.1	9.8	14.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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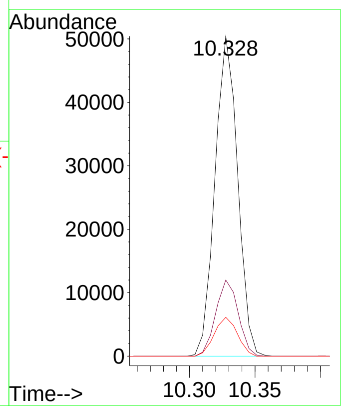
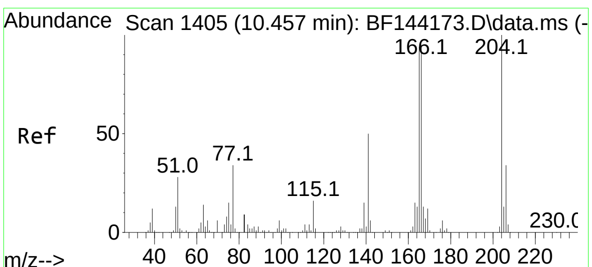
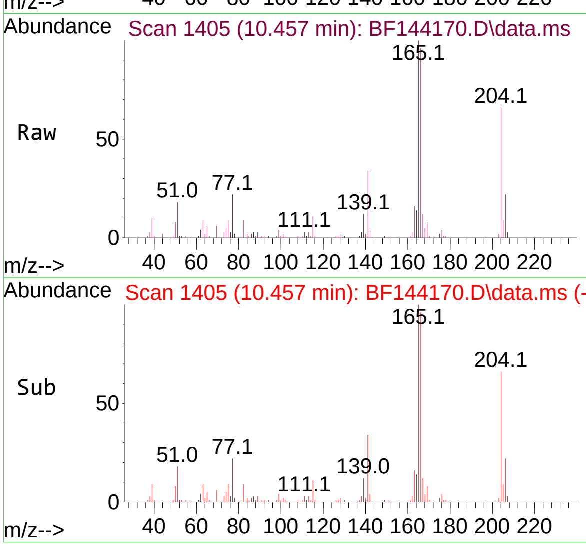


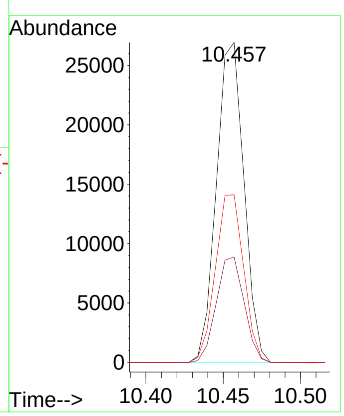




#61
4-Chlorophenyl-phenylether
Concen: 5.401 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:204 Resp: 33416

Ion	Ratio	Lower	Upper
204	100		
206	32.9	27.4	41.2
141	52.4	40.0	60.0



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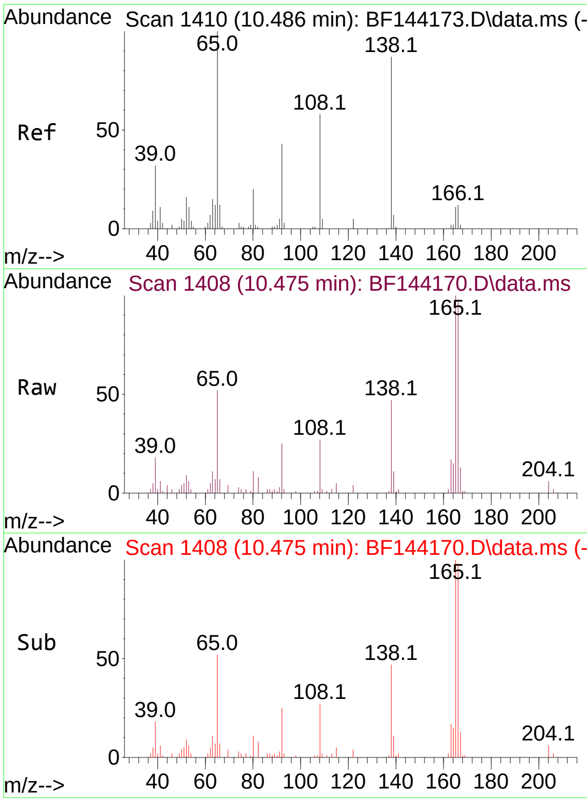
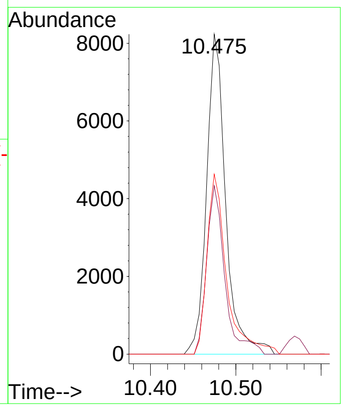


#62
4-Nitroaniline
Concen: 4.895 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.023 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:138 Resp: 1284

Ion	Ratio	Lower	Upper
138	100		
92	52.6	29.4	69.4
108	56.2	46.4	86.4



Instrument :
BNA_F
ClientSampleId :
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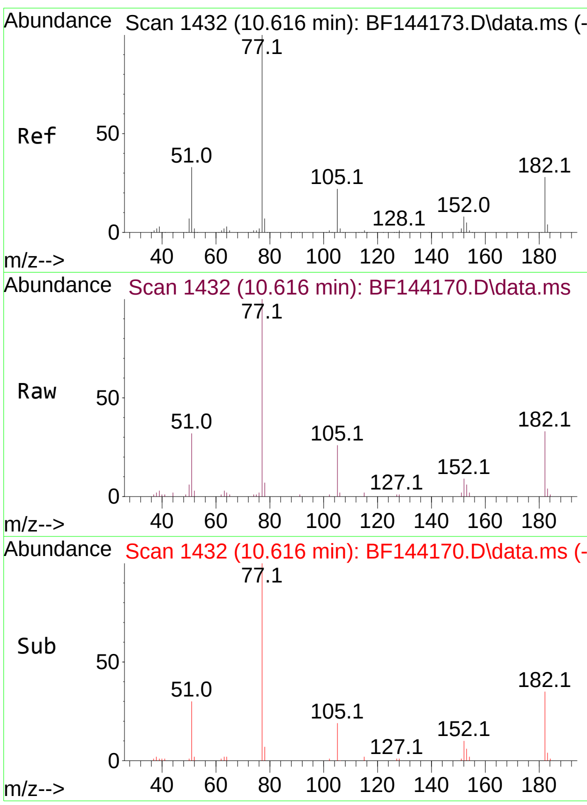
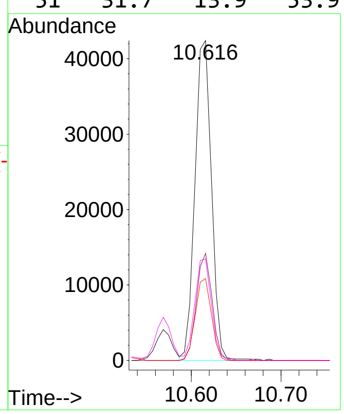


#63
Azobenzene
Concen: 5.089 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 77 Resp: 54383

Ion	Ratio	Lower	Upper
77	100		
182	33.4	8.1	48.1
105	25.6	2.0	42.0
51	31.7	13.9	53.9



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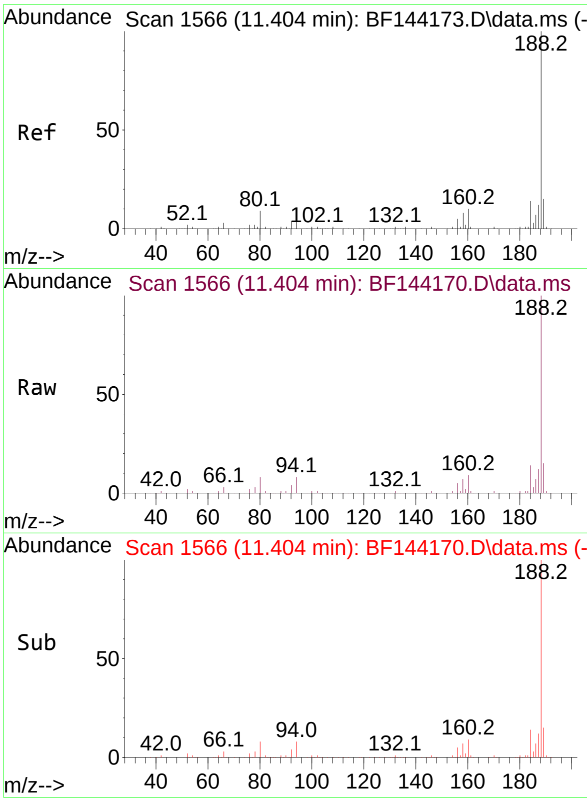

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:188 Resp: 32656

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.2	9.2
80	8.3	6.9	10.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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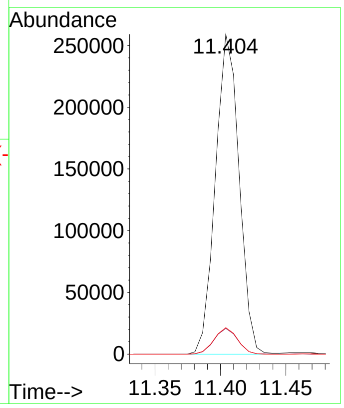
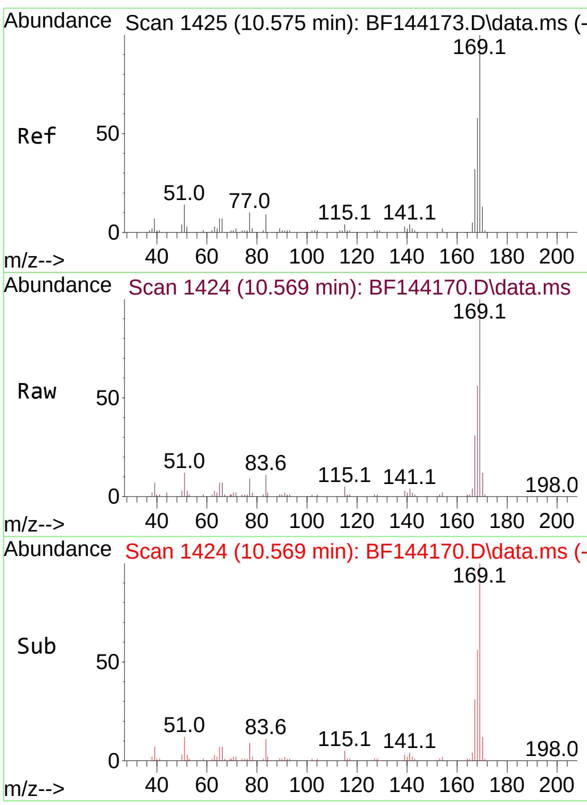
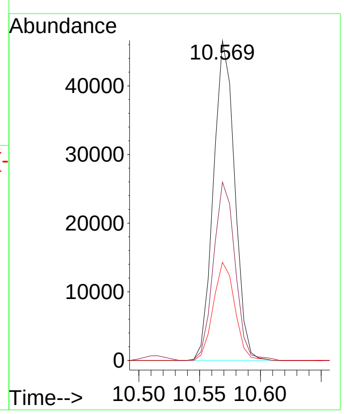


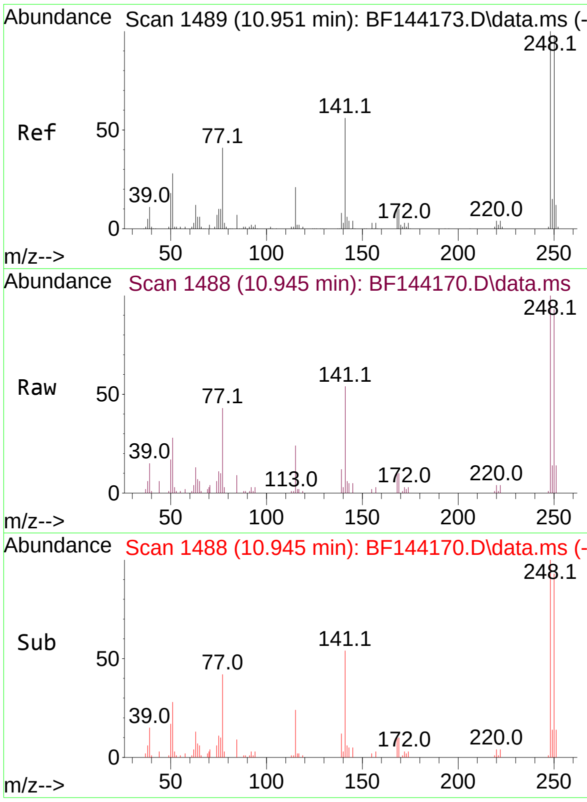


#66
n-Nitrosodiphenylamine
Concen: 5.401 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:169 Resp: 56733

Ion	Ratio	Lower	Upper
169	100		
168	55.7	46.2	69.2
167	30.7	25.7	38.5





#67
4-Bromophenyl-phenylether
Concen: 5.169 ng
RT: 10.945 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 2154

Ion	Ratio	Lower	Upper
248	100		
250	92.8	78.4	117.6
141	54.2	45.1	67.7

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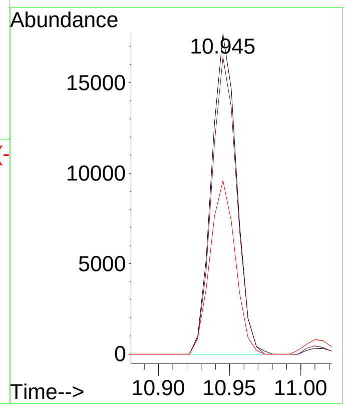
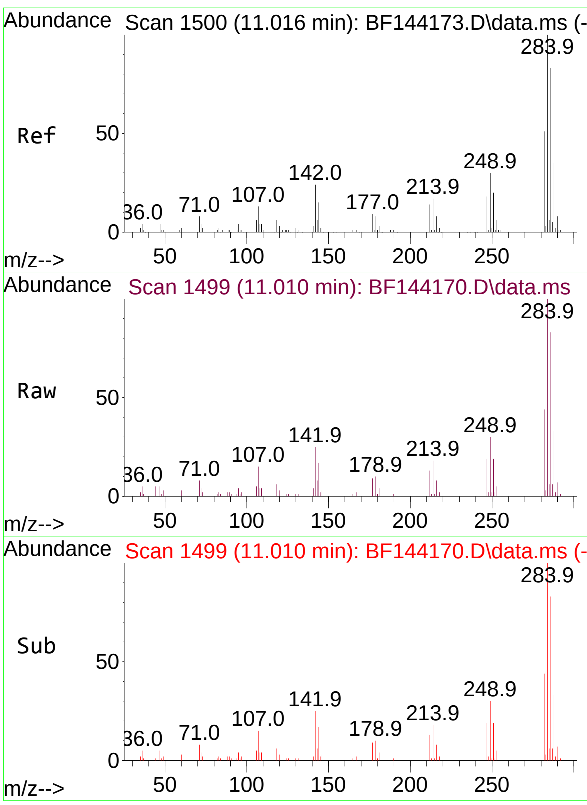
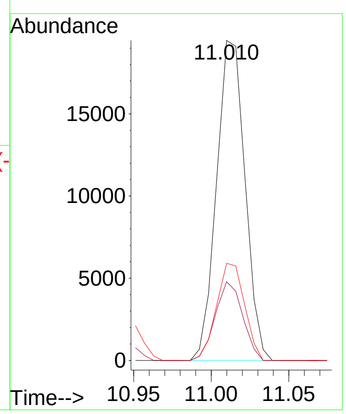




#68
Hexachlorobenzene
Concen: 5.082 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:284 Resp: 24951

Ion	Ratio	Lower	Upper
284	100		
142	24.6	19.2	28.8
249	30.3	23.8	35.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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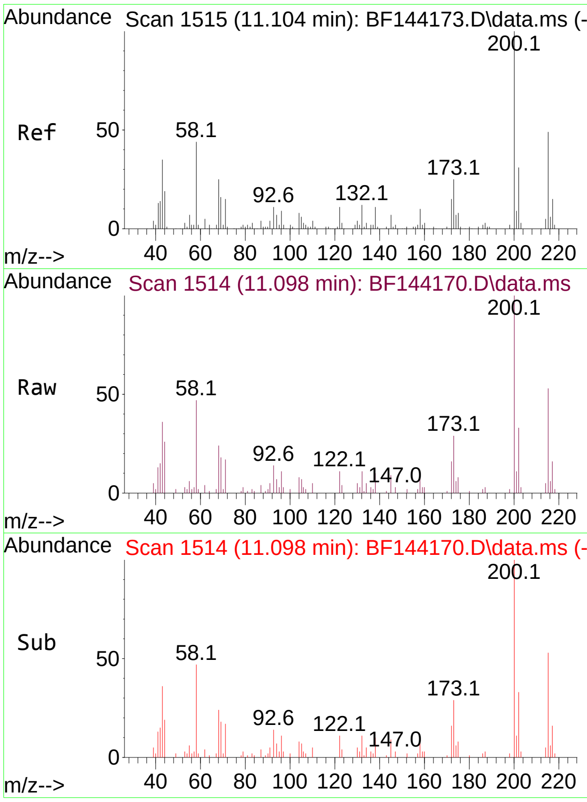
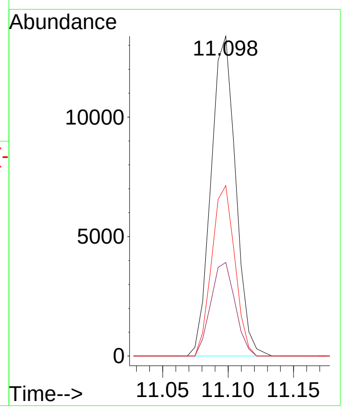
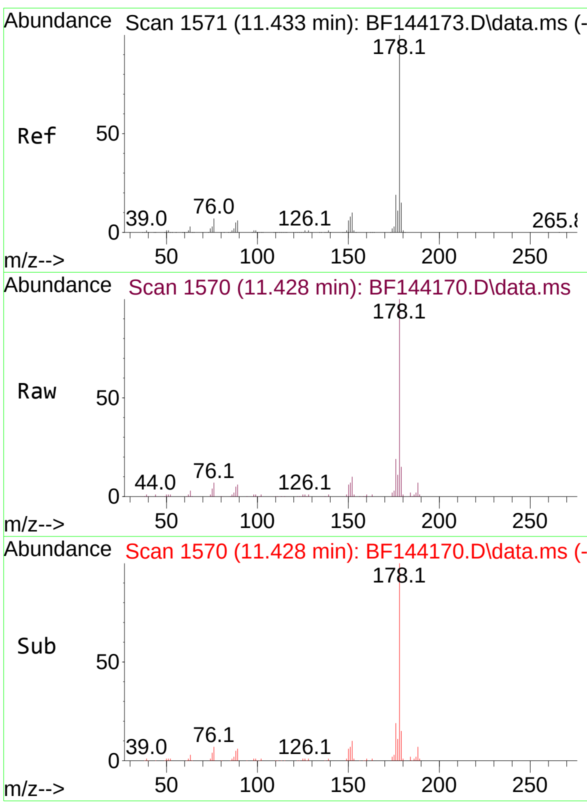


#69
Atrazine
Concen: 5.253 ng
RT: 11.098 min Scan# 15
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:200 Resp: 1754

Ion	Ratio	Lower	Upper
200	100		
173	29.3	5.0	45.0
215	53.3	28.7	68.7

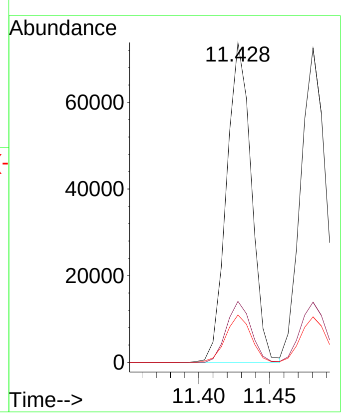




#71
Phenanthrene
Concen: 5.537 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:178 Resp: 90035

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	14.8	12.2	18.4



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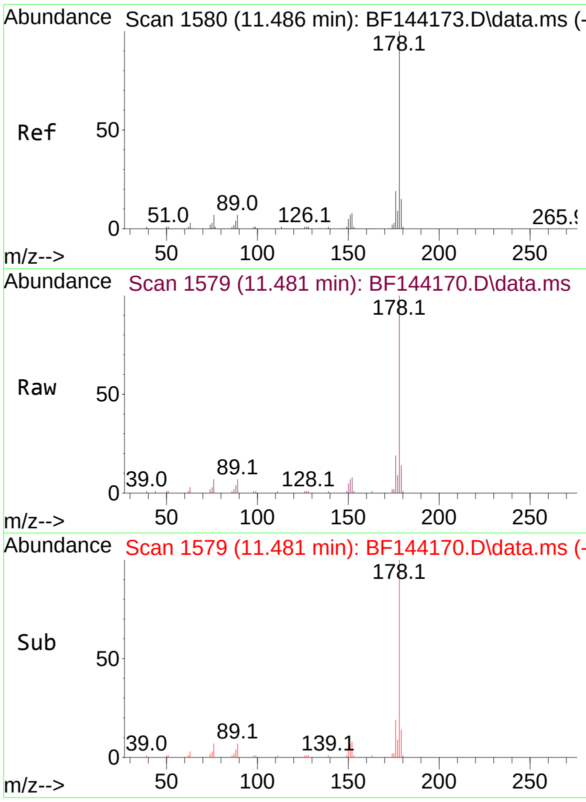

#72
Anthracene
Concen: 5.529 ng
RT: 11.481 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:178 Resp: 9141

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	14.5	12.0	18.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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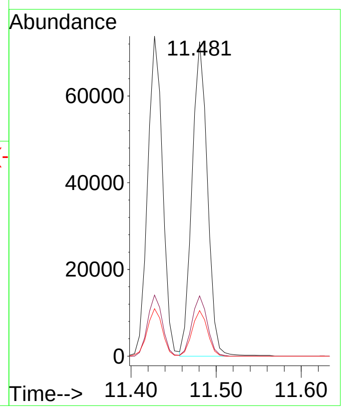
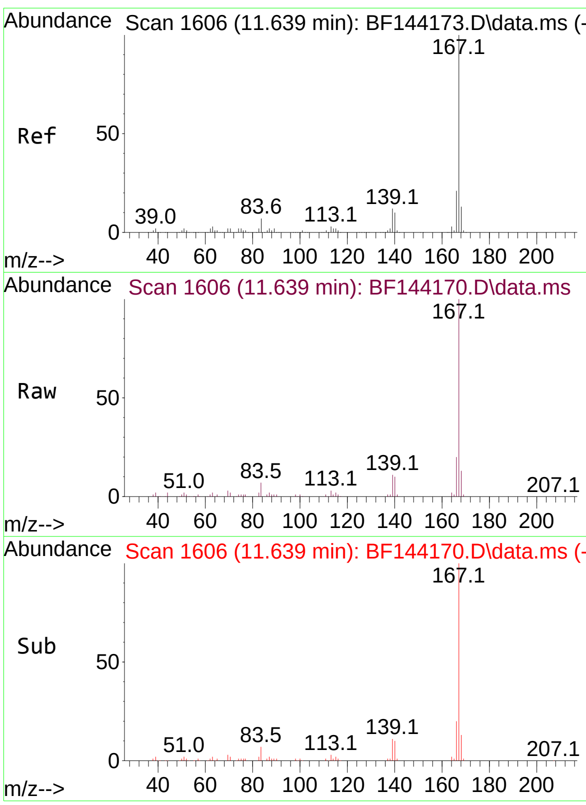
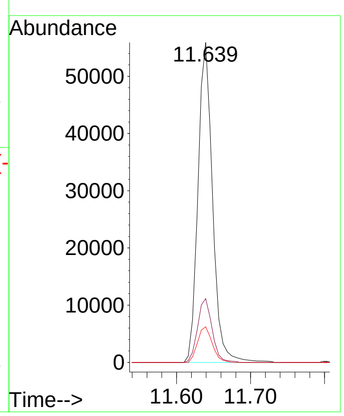




#73
Carbazole
Concen: 5.449 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:167 Resp: 76605

Ion	Ratio	Lower	Upper
167	100		
166	19.9	17.2	25.8
139	11.1	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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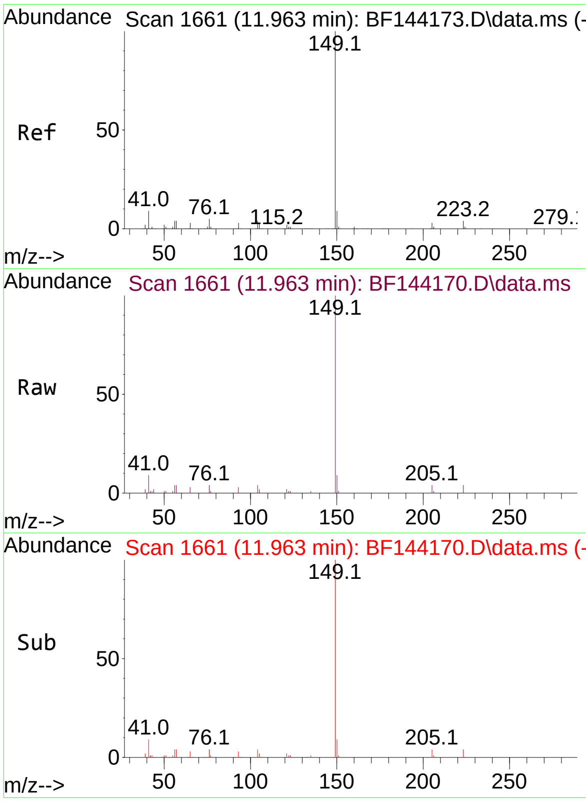
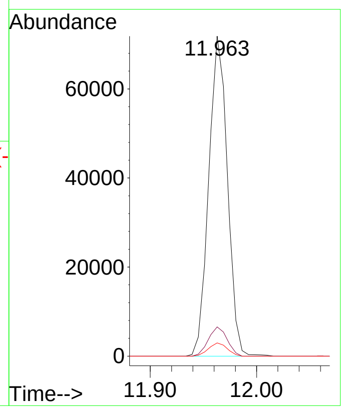
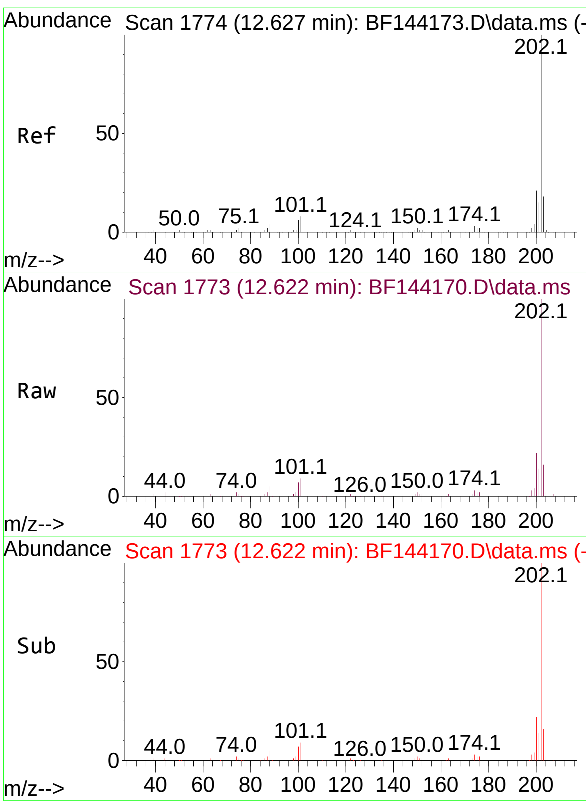


#74
Di-n-butylphthalate
Concen: 5.163 ng
RT: 11.963 min Scan# 16
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:149 Resp: 87751

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.1	3.4	5.2

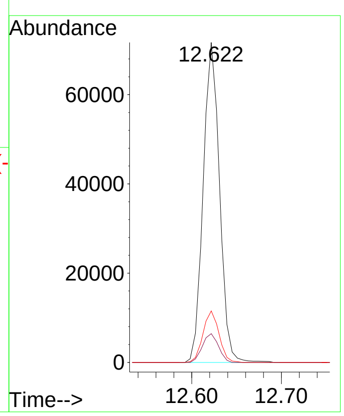




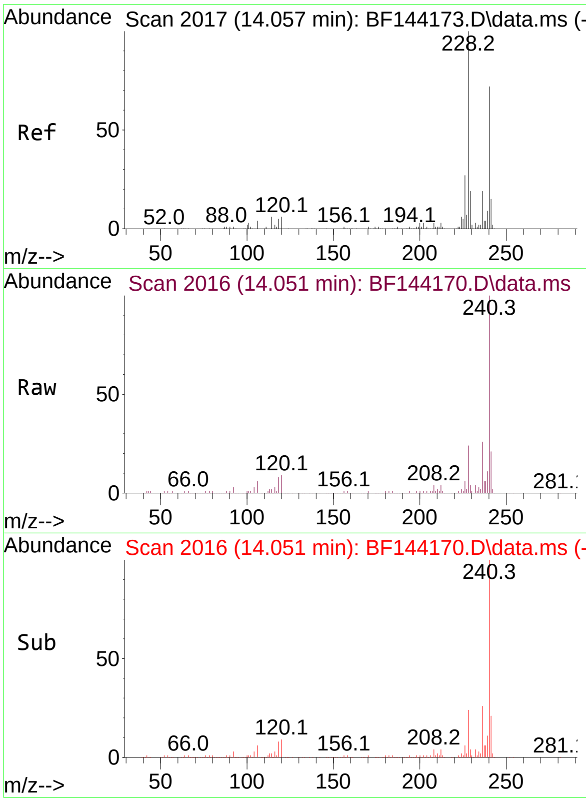
#75
Fluoranthene
Concen: 5.430 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:202 Resp: 91198

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	27.9
203	16.1	0.0	37.5



ICAL Form



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

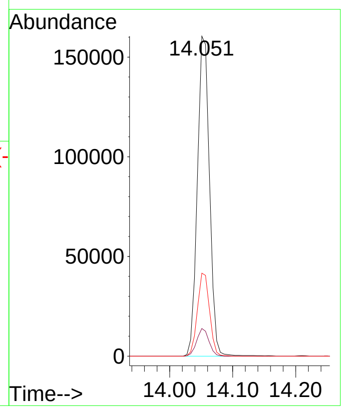
Tgt Ion:240 Resp: 21570

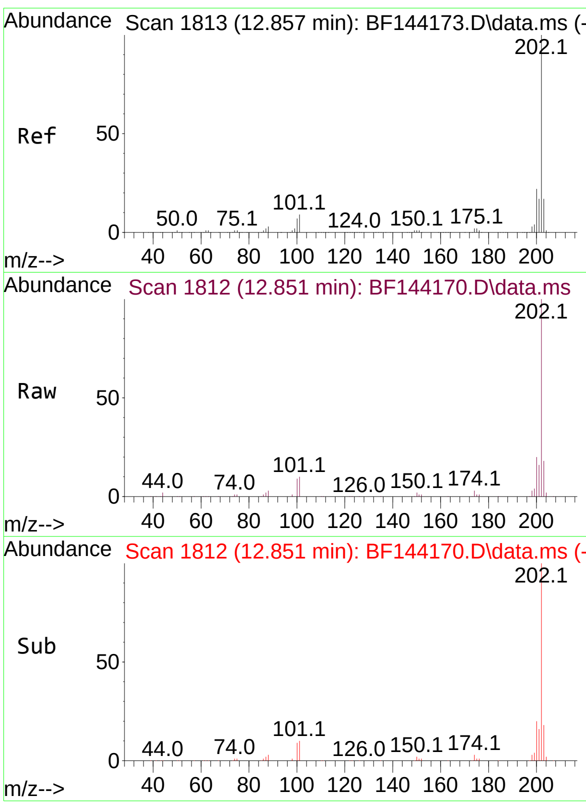
Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.6	10.0
236	25.9	21.4	32.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

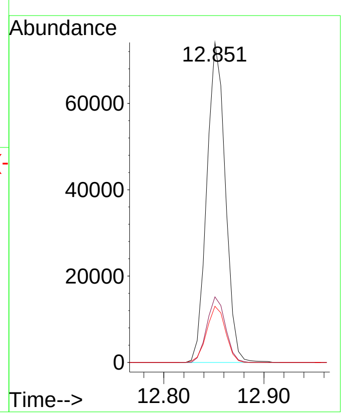


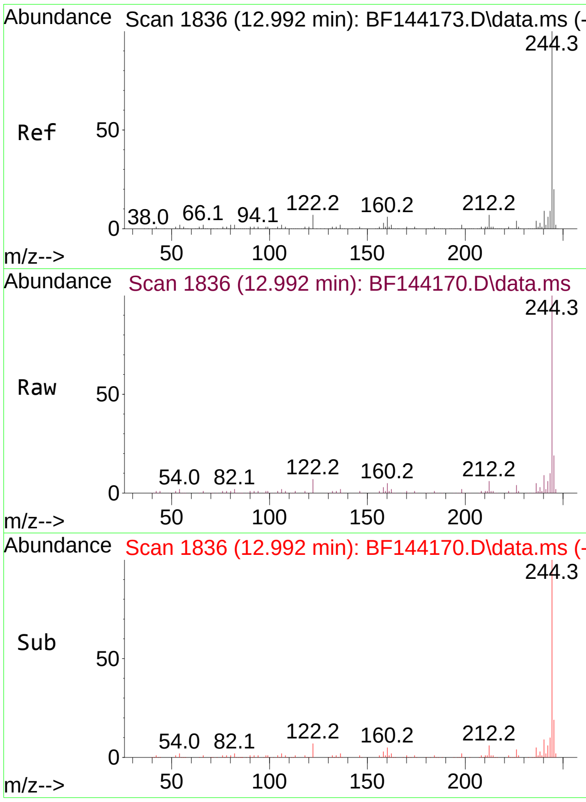


#78
Pyrene
Concen: 5.465 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:202 Resp: 95053

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.2	25.8
203	17.5	13.7	20.5





#79
Terphenyl-d14
Concen: 11.145 ng
RT: 12.992 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

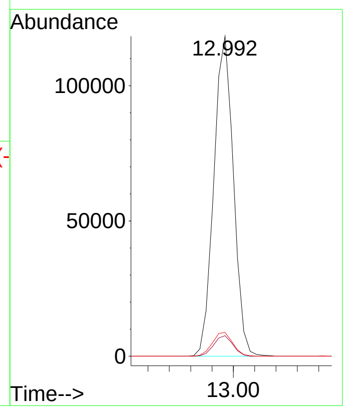
Tgt Ion:244 Resp: 15134

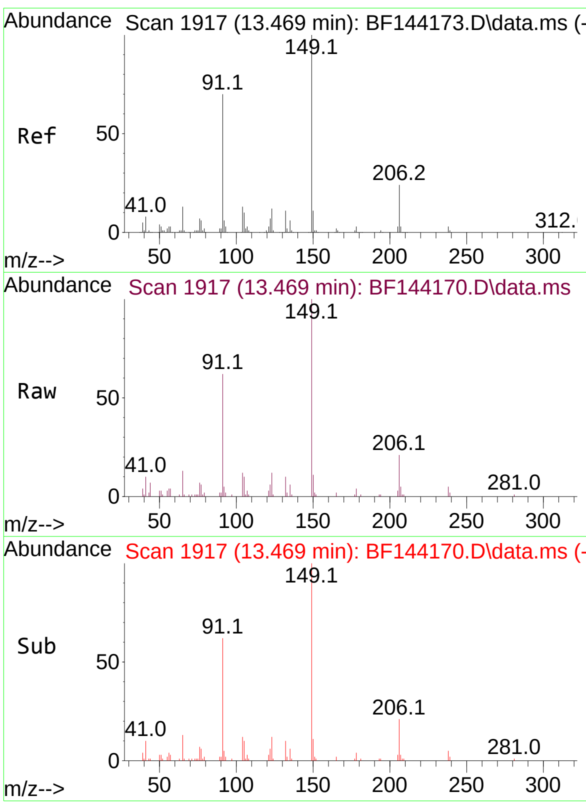
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.3	7.9
122	7.4	5.6	8.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

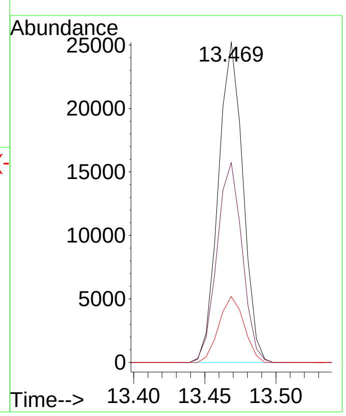




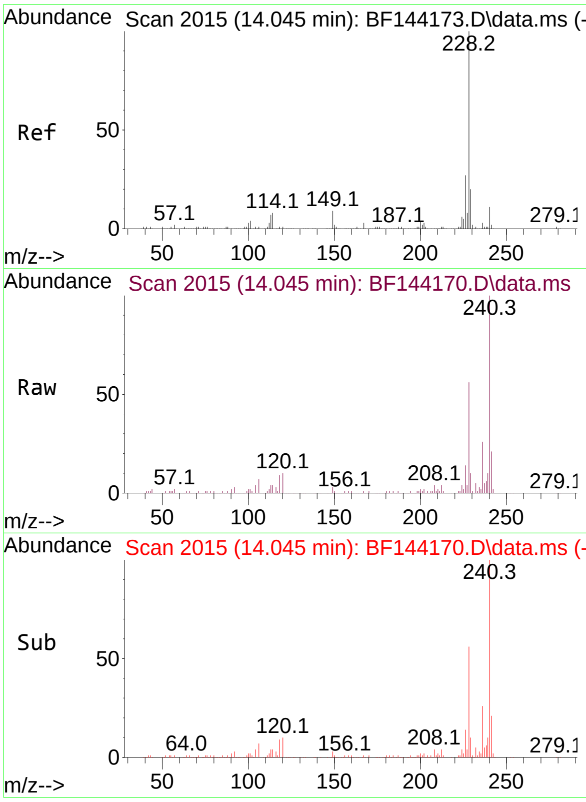
#80
Butylbenzylphthalate
Concen: 5.056 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:149 Resp: 30478

Ion	Ratio	Lower	Upper
149	100		
91	62.4	56.1	84.1
206	20.6	18.8	28.2



ICAL Form



#81
Benzo(a)anthracene
Concen: 5.249 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

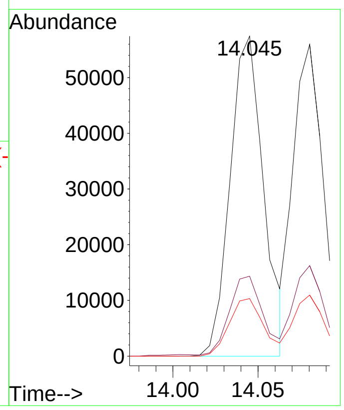
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

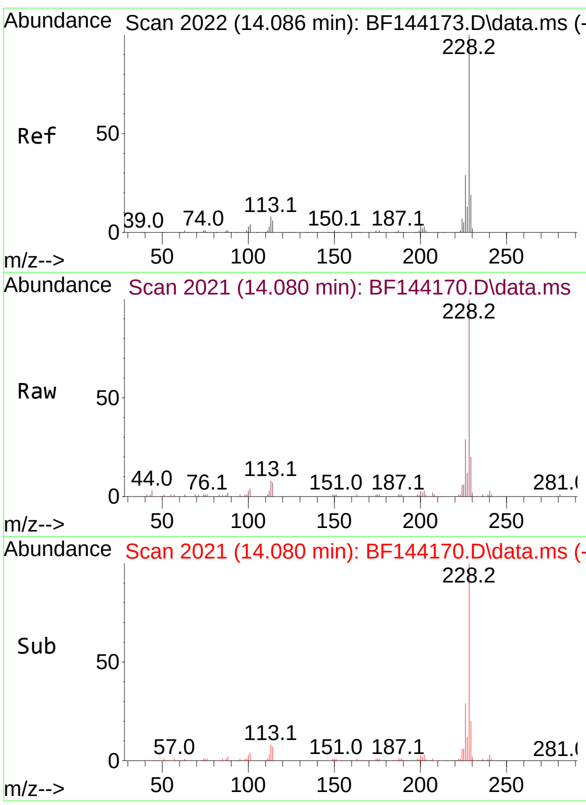
Tgt Ion:228 Resp: 7847

Ion	Ratio	Lower	Upper
228	100		
226	25.0	21.8	32.8
229	18.0	15.8	23.6

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

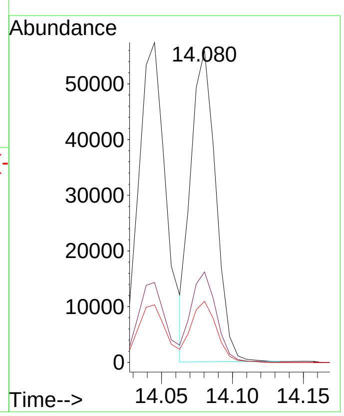




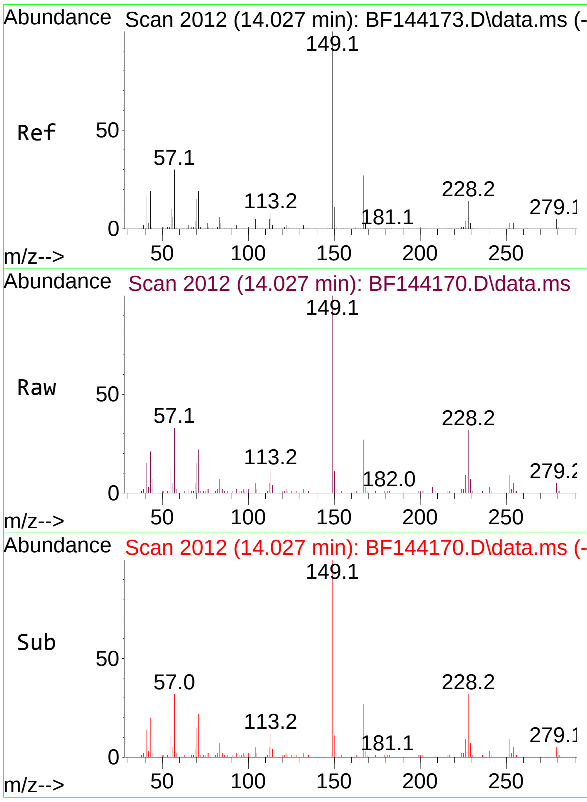
#83
Chrysene
Concen: 4.986 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:228 Resp: 68808

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.9	34.3
229	19.6	15.0	22.6



ICAL Form



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.054 ng
RT: 14.027 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

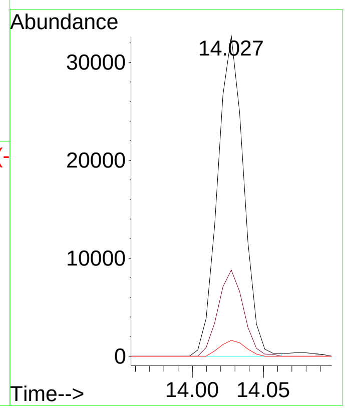
Tgt Ion:149 Resp: 41706

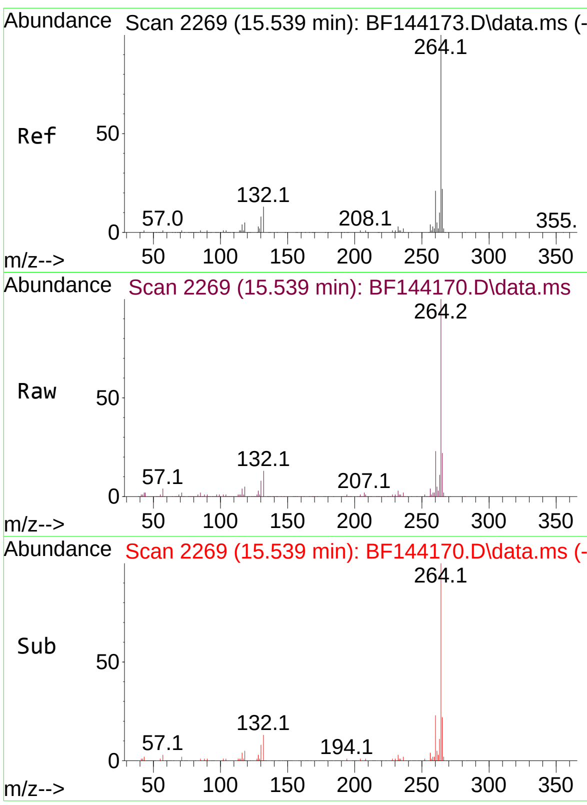
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.8
279	4.9	3.7	5.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

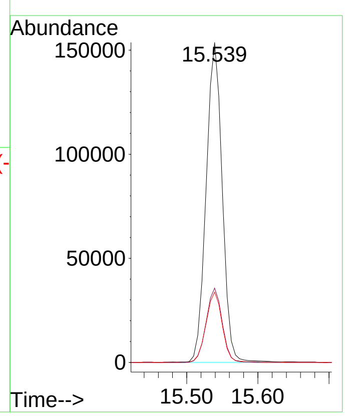




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:264 Resp: 241361

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.1	25.7
265	22.0	17.4	26.0

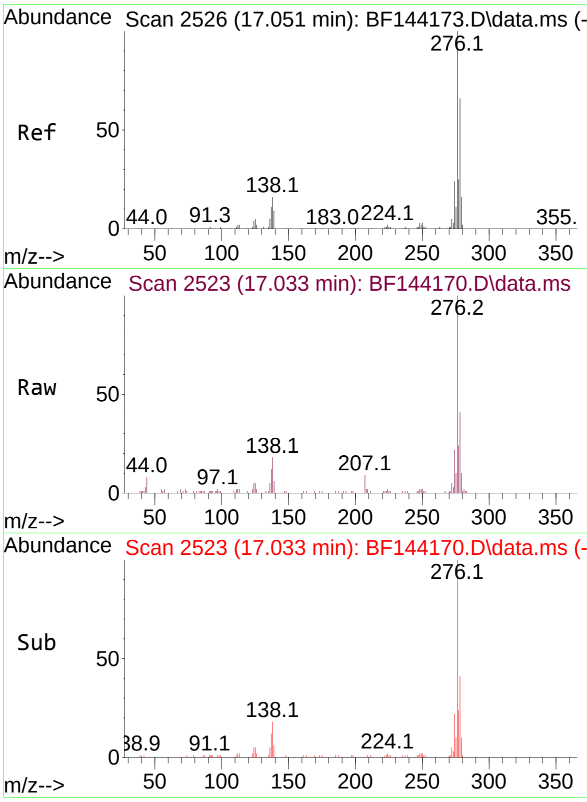


ICAL Form

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

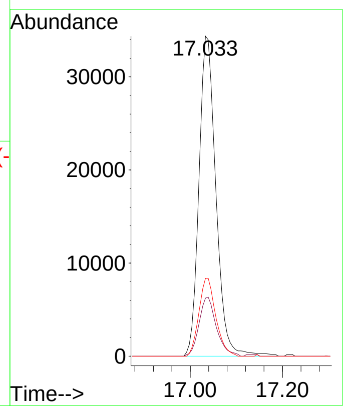
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

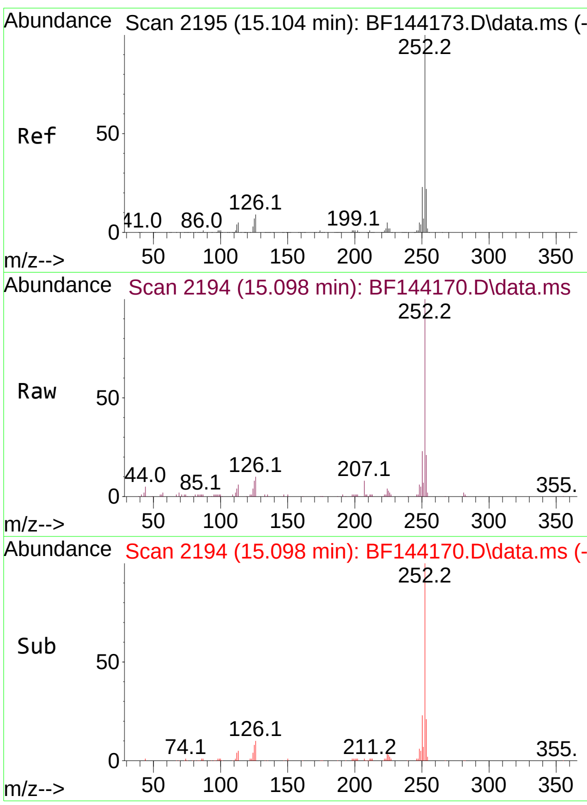


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.049 ng
RT: 17.033 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:276 Resp: 8748

Ion	Ratio	Lower	Upper
276	100		
138	18.9	13.9	20.9
277	24.2	19.8	29.6

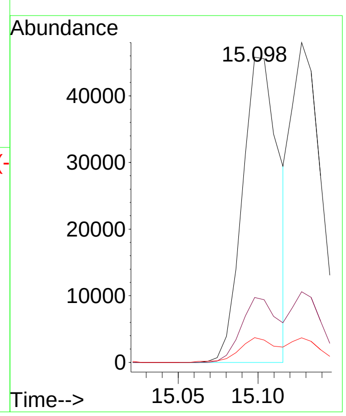




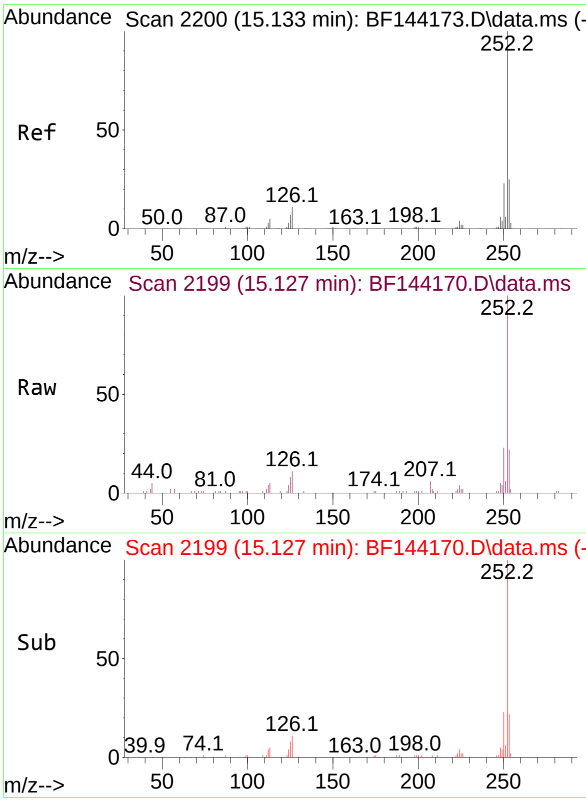
#88
Benzo(b)fluoranthene
Concen: 5.273 ng m
RT: 15.098 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:252 Resp: 72360

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	8.1	5.3	7.9#



ICAL Form



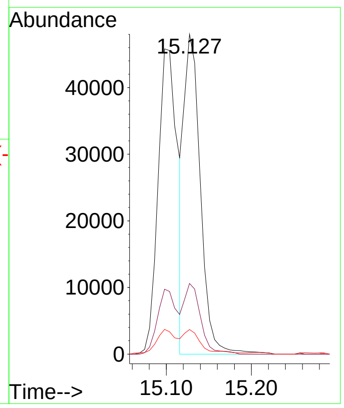
#89
Benzo(k)fluoranthene
Concen: 5.060 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

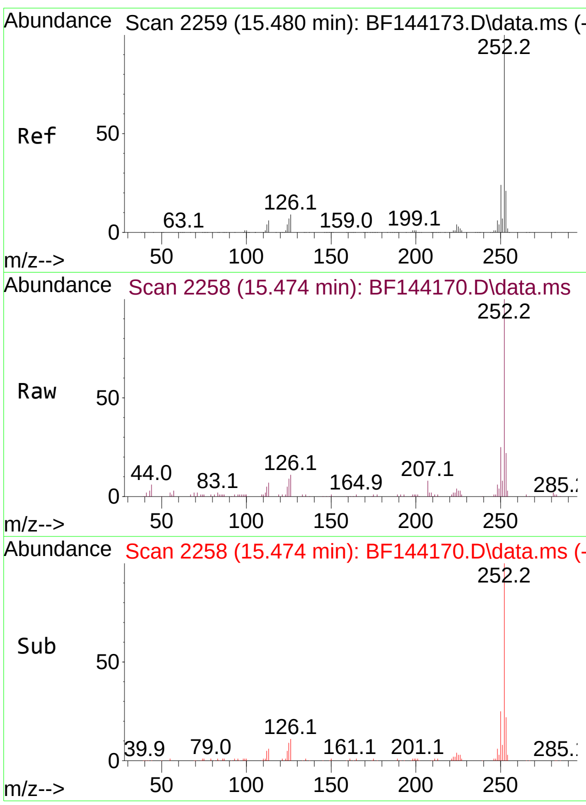
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 6498

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	7.7	5.4	8.2

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

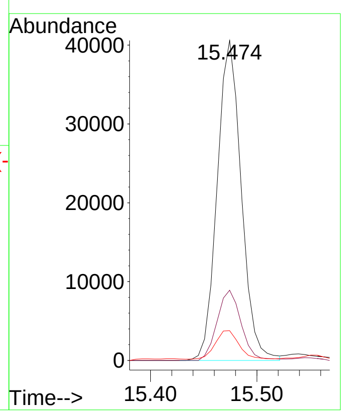


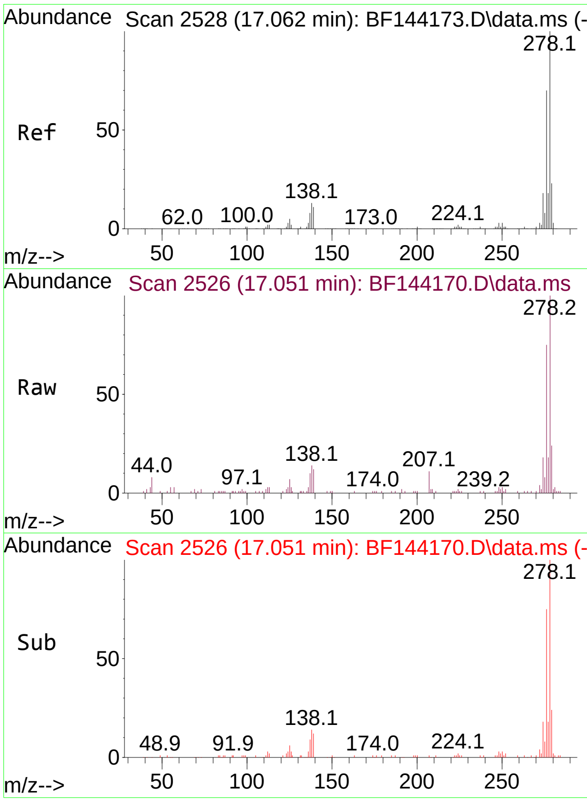


#90
Benzo(a)pyrene
Concen: 5.071 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:252 Resp: 64190

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.7	25.1
125	9.3	5.7	8.5#





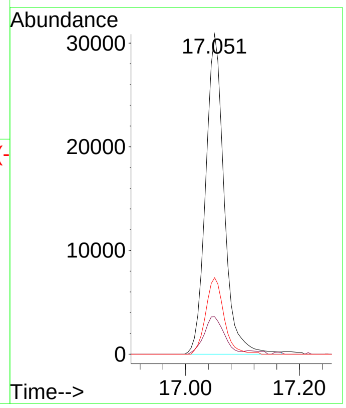
#91
Dibenzo(a,h)anthracene
Concen: 5.010 ng
RT: 17.051 min Scan# 25
Delta R.T. -0.029 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

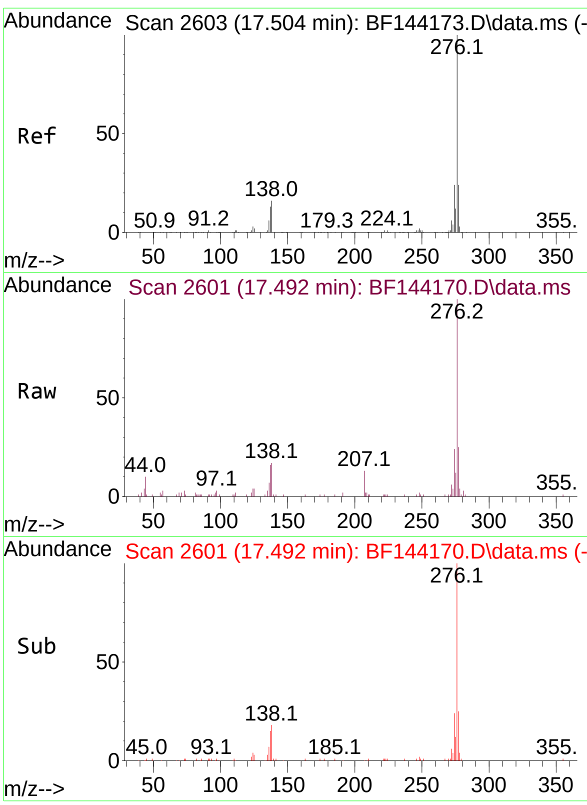
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

Tgt Ion:278 Resp: 6971

Ion	Ratio	Lower	Upper
278	100		
139	11.7	9.1	13.7
279	23.9	18.2	27.4

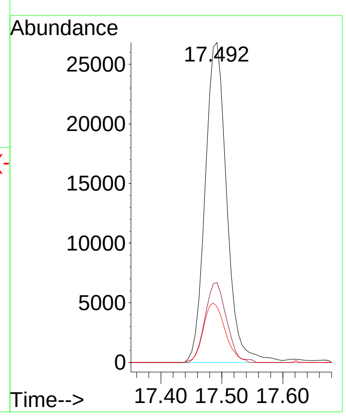




#92
Benzo(g,h,i)perylene
Concen: 4.810 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.029 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:276 Resp: 66099

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.0	28.4
138	17.4	12.9	19.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144171.D
Acq On : 05 Nov 2025 13:50
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Nov 05 17:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.875	152	112609	20.000 ng	0.00
21) Naphthalene-d8	8.157	136	438512	20.000 ng	0.00
39) Acenaphthene-d10	9.916	164	261107	20.000 ng	0.00
64) Phenanthrene-d10	11.404	188	469428	20.000 ng	0.00
76) Chrysene-d12	14.057	240	296506	20.000 ng	0.00
86) Perylene-d12	15.539	264	311371	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.487	112	146731	20.391 ng	0.00
7) Phenol-d6	6.498	99	170929	20.963 ng	-0.01
23) Nitrobenzene-d5	7.434	82	154488	20.347 ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	66981	20.442 ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	372845	21.090 ng	-0.01
79) Terphenyl-d14	12.992	244	419548	22.476 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.616	88	27411	9.214 ng	97
3) Pyridine	3.393	79	79148	9.536 ng	99
4) n-Nitrosodimethylamine	3.322	42	40456	9.331 ng	95
6) Aniline	6.534	93	122118	10.512 ng	98
8) 2-Chlorophenol	6.657	128	73729	10.448 ng	99
9) Benzaldehyde	6.422	77	58146	12.629 ng	98
10) Phenol	6.510	94	106765	10.717 ng	96
11) bis(2-Chloroethyl)ether	6.604	93	75075	10.342 ng	98
12) 1,3-Dichlorobenzene	6.816	146	88594	10.174 ng	98
13) 1,4-Dichlorobenzene	6.893	146	87984	10.085 ng	96
14) 1,2-Dichlorobenzene	7.045	146	84997	10.165 ng	98
15) Benzyl Alcohol	7.010	79	64160	9.937 ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	139062	10.403 ng	97
17) 2-Methylphenol	7.122	107	59368	10.575 ng	98
18) Hexachloroethane	7.387	117	28876	9.963 ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	57621	10.735 ng	98
20) 3+4-Methylphenols	7.275	107	74874	11.314 ng	96
22) Acetophenone	7.281	105	101777	10.819 ng	97
24) Nitrobenzene	7.451	77	85567	10.380 ng	98
25) Isophorone	7.692	82	146541	10.204 ng	98
26) 2-Nitrophenol	7.769	139	41083	10.067 ng	97
27) 2,4-Dimethylphenol	7.804	122	60896	9.956 ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	91497	10.202 ng	95
29) 2,4-Dichlorophenol	8.016	162	75032	10.643 ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	76623	10.585 ng	94
31) Naphthalene	8.181	128	220903	10.590 ng	99
32) Benzoic acid	7.910	122	58822	13.120 ng	92
33) 4-Chloroaniline	8.228	127	79703	10.476 ng	97
34) Hexachlorobutadiene	8.292	225	54849	10.054 ng	96
35) Caprolactam	8.575	113	20560	10.645 ng	99
36) 4-Chloro-3-methylphenol	8.704	107	67228	10.641 ng	96
37) 2-Methylnaphthalene	8.869	142	147427	10.571 ng	99
38) 1-Methylnaphthalene	8.969	142	149280	11.093 ng	97
40) 1,2,4,5-Tetrachloroben...	9.034	216	86408	10.098 ng	99
41) Hexachlorocyclopentadiene	9.022	237	15765	10.609 ng	93
43) 2,4,6-Trichlorophenol	9.145	196	58560	10.054 ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144171.D
Acq On : 05 Nov 2025 13:50
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Nov 05 17:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	63779	10.160	ng		98
46) 1,1'-Biphenyl	9.334	154	188739	10.355	ng		99
47) 2-Chloronaphthalene	9.357	162	158745	10.211	ng		100
48) 2-Nitroaniline	9.457	65	45323	10.104	ng		97
49) Acenaphthylene	9.775	152	220118	10.390	ng		99
50) Dimethylphthalate	9.628	163	175284	10.133	ng		99
51) 2,6-Dinitrotoluene	9.692	165	35433	10.119	ng		98
52) Acenaphthene	9.945	154	151661	10.705	ng		99
53) 3-Nitroaniline	9.863	138	39270	10.259	ng		99
54) 2,4-Dinitrophenol	9.981	184	26319	12.447	ng		97
55) Dibenzofuran	10.122	168	208943	10.530	ng		99
56) 4-Nitrophenol	10.028	139	35627	12.867	ng		98
57) 2,4-Dinitrotoluene	10.098	165	49257	10.508	ng	#	98
58) Fluorene	10.463	166	159623	10.581	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	45333	10.207	ng		97
60) Diethylphthalate	10.328	149	166246	10.426	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	91478	10.645	ng		99
62) 4-Nitroaniline	10.475	138	37821	10.375	ng		98
63) Azobenzene	10.616	77	157098	10.586	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	34516	10.823	ng		99
66) n-Nitrosodiphenylamine	10.569	169	158661	10.509	ng		98
67) 4-Bromophenyl-phenylether	10.945	248	60929	10.169	ng		96
68) Hexachlorobenzene	11.016	284	71759	10.168	ng		94
69) Atrazine	11.098	200	49466	10.302	ng		97
70) Pentachlorophenol	11.210	266	31673	9.012	ng		97
71) Phenanthrene	11.428	178	244478	10.460	ng		99
72) Anthracene	11.480	178	248511	10.457	ng		99
73) Carbazole	11.639	167	215269	10.652	ng		98
74) Di-n-butylphthalate	11.963	149	258464	10.580	ng		99
75) Fluoranthene	12.622	202	250112	10.359	ng		99
77) Benzidine	12.745	184	104876	11.958	ng		99
78) Pyrene	12.851	202	258743	10.823	ng		99
80) Butylbenzylphthalate	13.469	149	87462	10.556	ng		96
81) Benzo(a)anthracene	14.045	228	198590	9.664	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	67166	9.535	ng		97
83) Chrysene	14.080	228	184604	9.731	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	109593	9.662	ng		98
85) Di-n-octyl phthalate	14.645	149	172428	8.811	ng		99
87) Indeno(1,2,3-cd)pyrene	17.039	276	219736	9.831	ng		99
88) Benzo(b)fluoranthene	15.104	252	176369	9.963	ng		99
89) Benzo(k)fluoranthene	15.133	252	170386	10.283	ng		98
90) Benzo(a)pyrene	15.474	252	163529	10.013	ng		97
91) Dibenzo(a,h)anthracene	17.051	278	179793	10.016	ng		98
92) Benzo(g,h,i)perylene	17.492	276	175090	9.877	ng		100

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

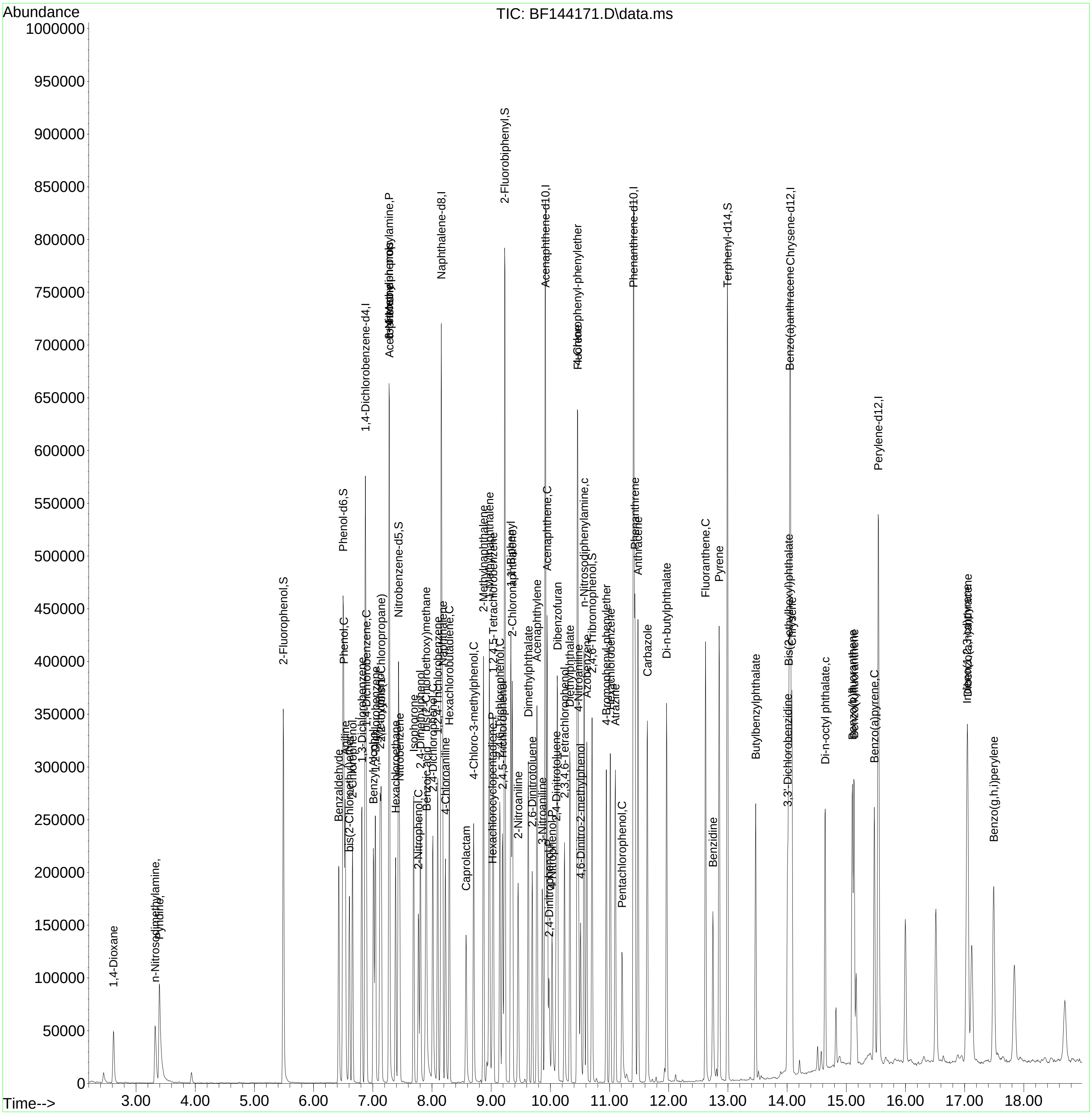
Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144171.D
Acq On : 05 Nov 2025 13:50
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

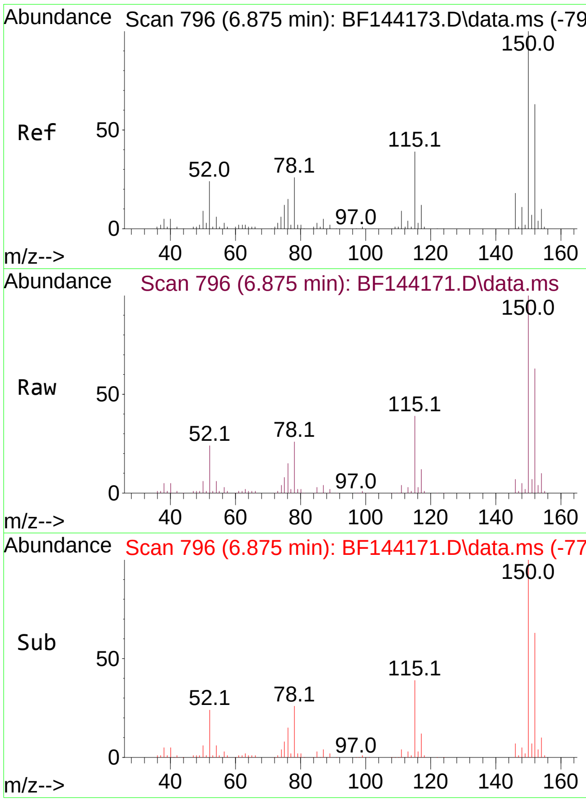
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Nov 05 17:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



ICAL Form

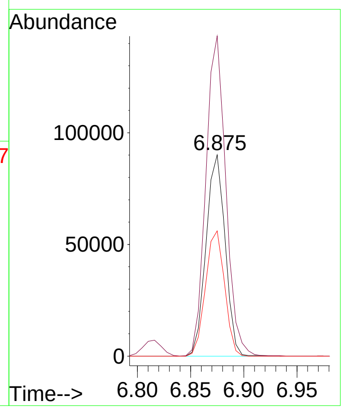
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

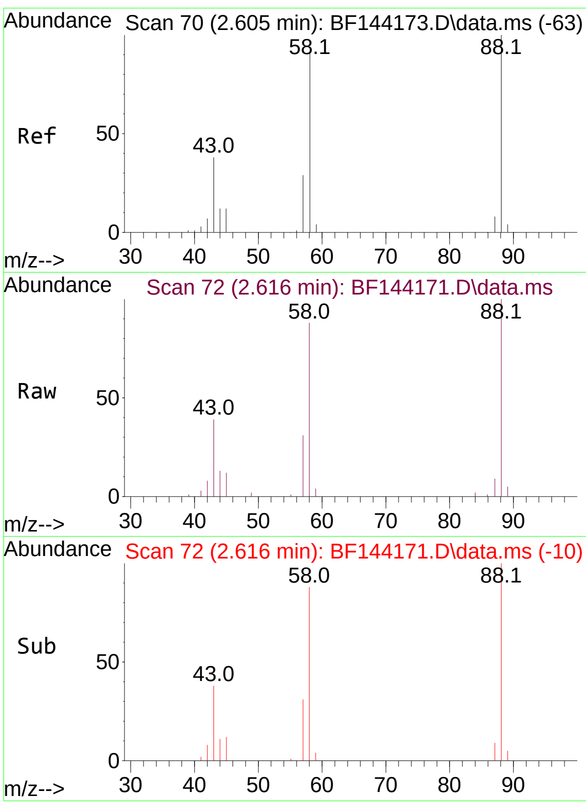


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min   Scan# 79
Delta R.T.   -0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025   13:50

Tgt Ion:152 Resp: 112609

Ion	Ratio	Lower	Upper
152	100		
150	159.0	127.4	191.0
115	62.3	49.5	74.3

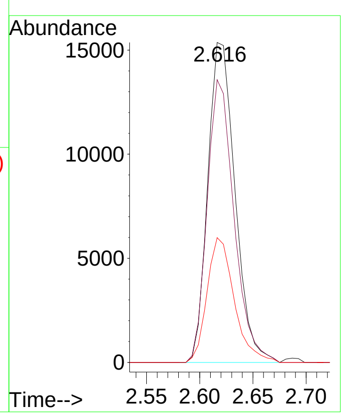




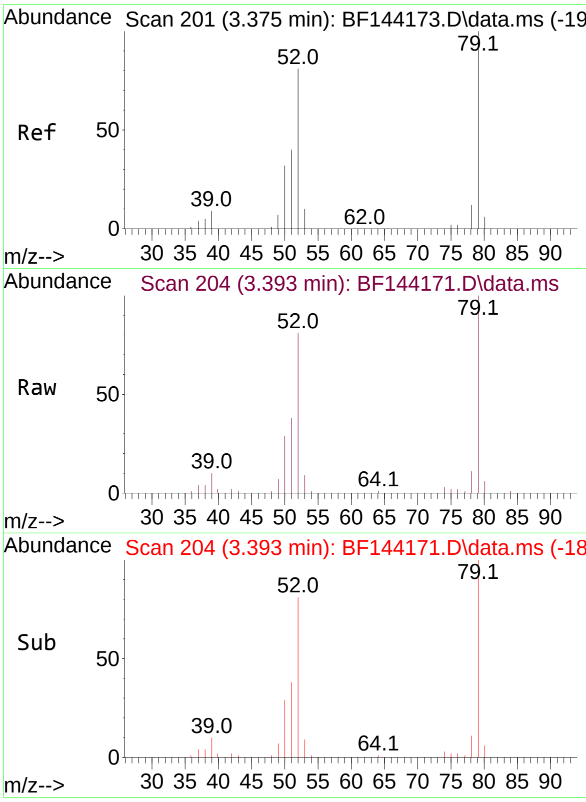
#2
1,4-Dioxane
Concen: 9.214 ng
RT: 2.616 min   Scan# 72
Delta R.T.   0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025   13:50

Tgt Ion: 88 Resp: 27411

Ion	Ratio	Lower	Upper
88	100		
58	87.1	73.1	109.7
43	38.9	31.0	46.6



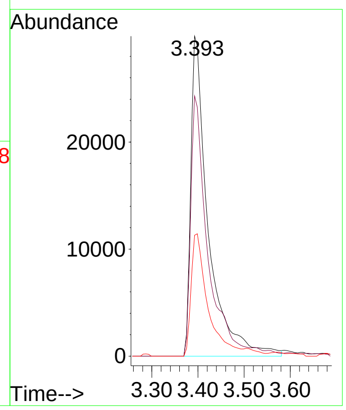
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

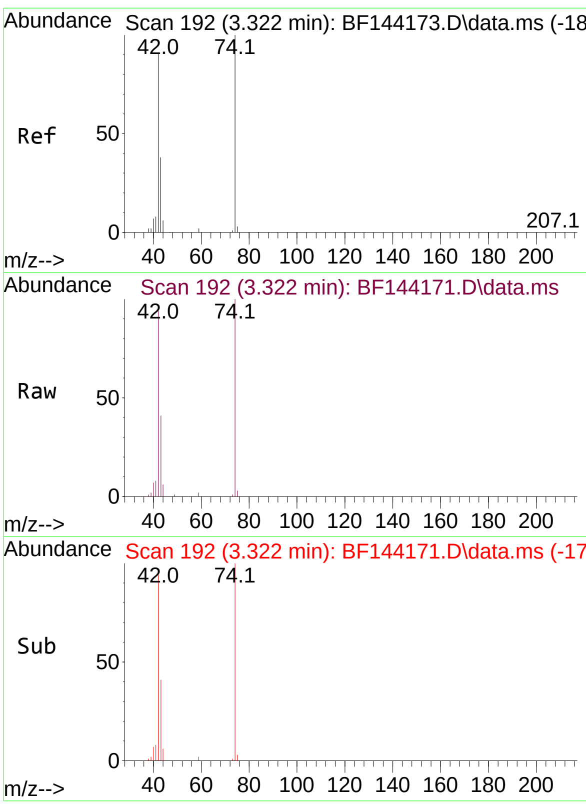


#3
Pyridine
Concen: 9.536 ng
RT: 3.393 min Scan# 20
Delta R.T. 0.018 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 79 Resp: 79148

Ion	Ratio	Lower	Upper
79	100		
52	81.3	64.5	96.7
51	37.8	31.7	47.5

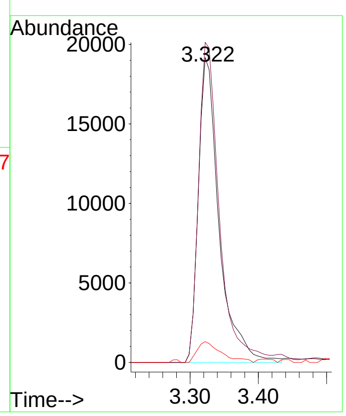




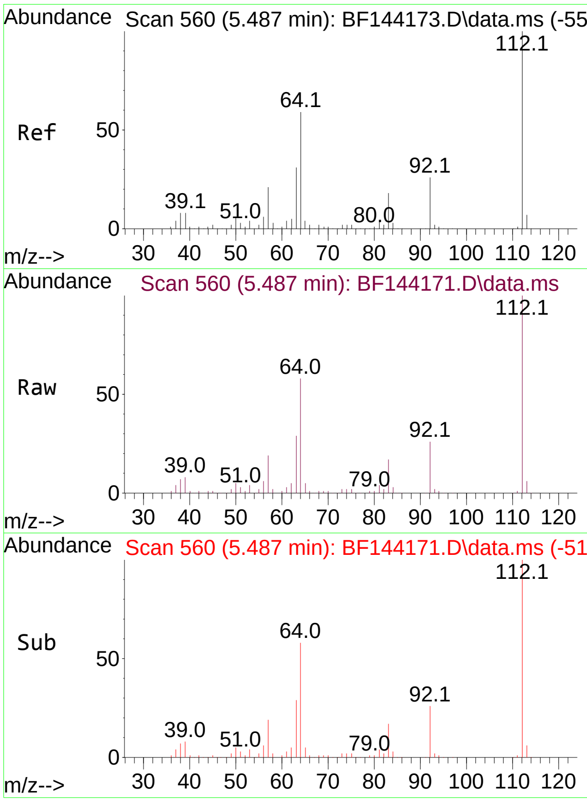
#4
n-Nitrosodimethylamine
Concen: 9.331 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 42 Resp: 40456

Ion	Ratio	Lower	Upper
42	100		
74	105.1	88.2	132.4
44	6.8	5.7	8.5



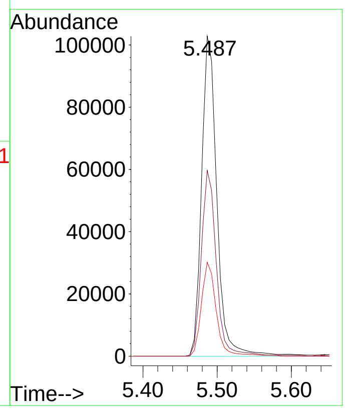
Instrument : BNA_F
ClientSampleId : SSTDICC010

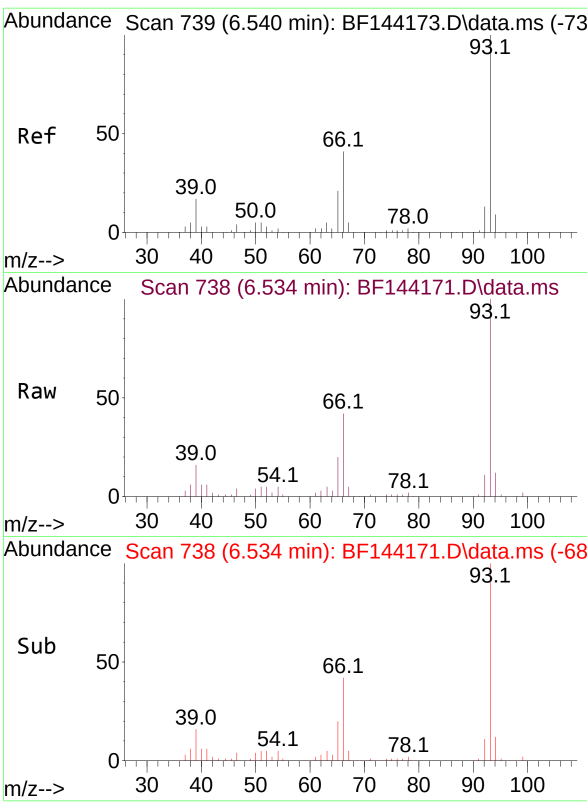


#5
2-Fluorophenol
Concen: 20.391 ng
RT: 5.487 min Scan# 56
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:112 Resp: 146731

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.2	70.8
63	29.3	24.4	36.6

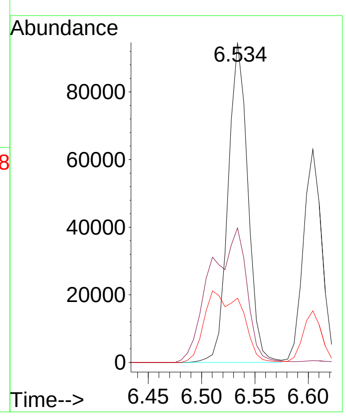




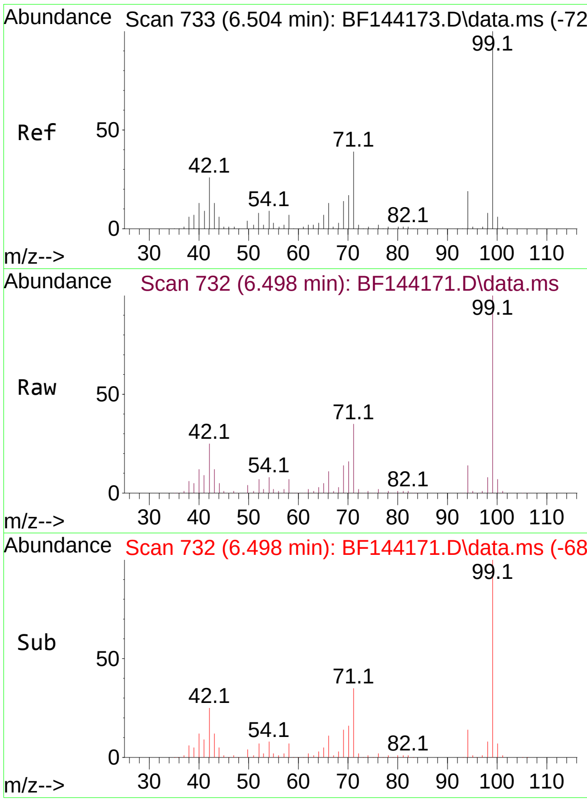
#6
Aniline
Concen: 10.512 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 93 Resp: 122118

Ion	Ratio	Lower	Upper
93	100		
66	42.0	34.3	51.5
65	20.1	16.9	25.3



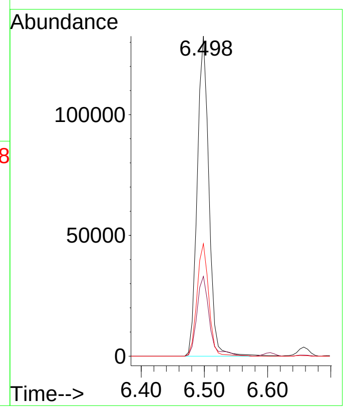
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

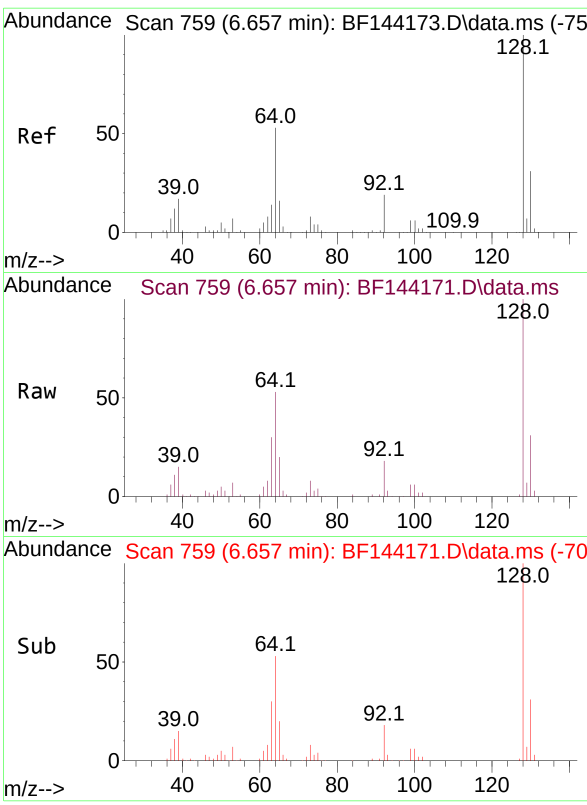


#7
Phenol-d6
Concen: 20.963 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 99 Resp: 170929

Ion	Ratio	Lower	Upper
99	100		
42	24.9	20.9	31.3
71	35.1	31.4	47.2

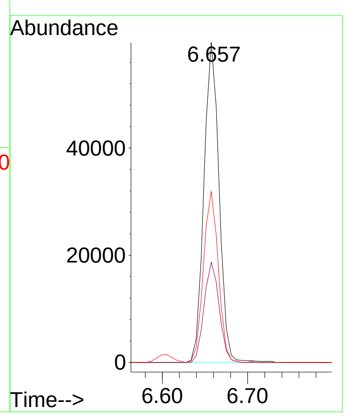




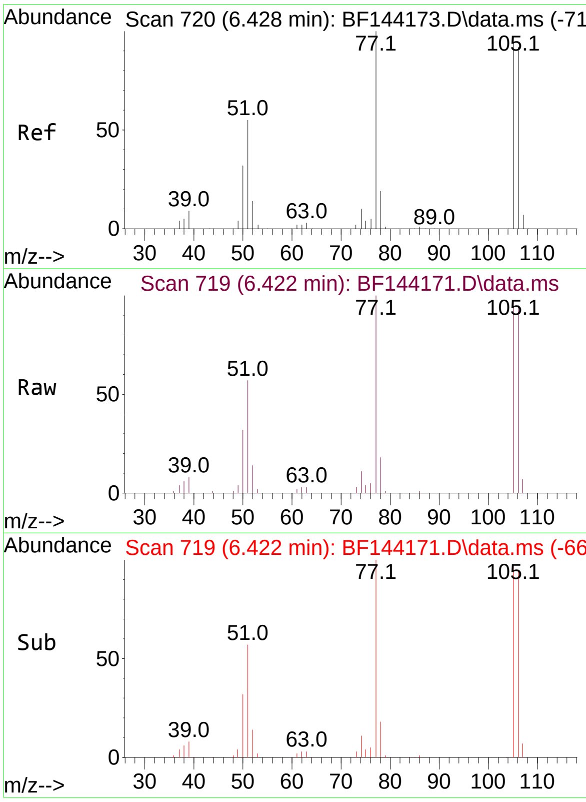
#8
2-Chlorophenol
Concen: 10.448 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:128 Resp: 73729

Ion	Ratio	Lower	Upper
128	100		
130	31.3	10.5	50.5
64	53.3	33.2	73.2



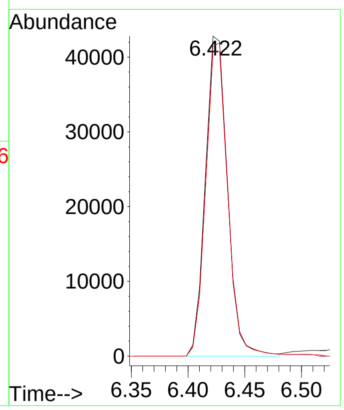
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

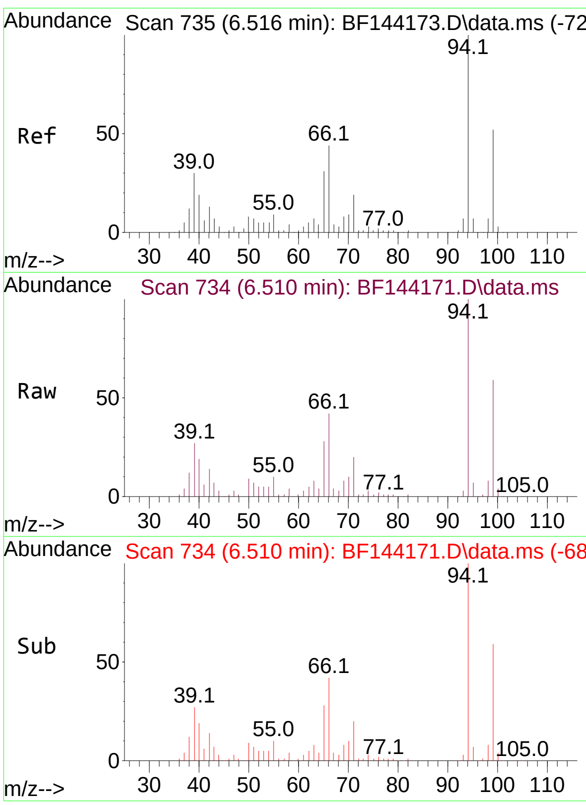


#9
Benzaldehyde
Concen: 12.629 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 77 Resp: 58146

Ion	Ratio	Lower	Upper
77	100		
105	96.7	77.2	117.2
106	95.1	72.2	112.2

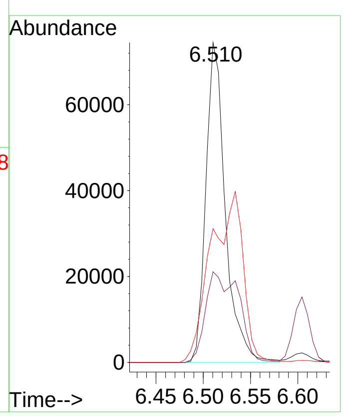




#10
Phenol
Concen: 10.717 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.018 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

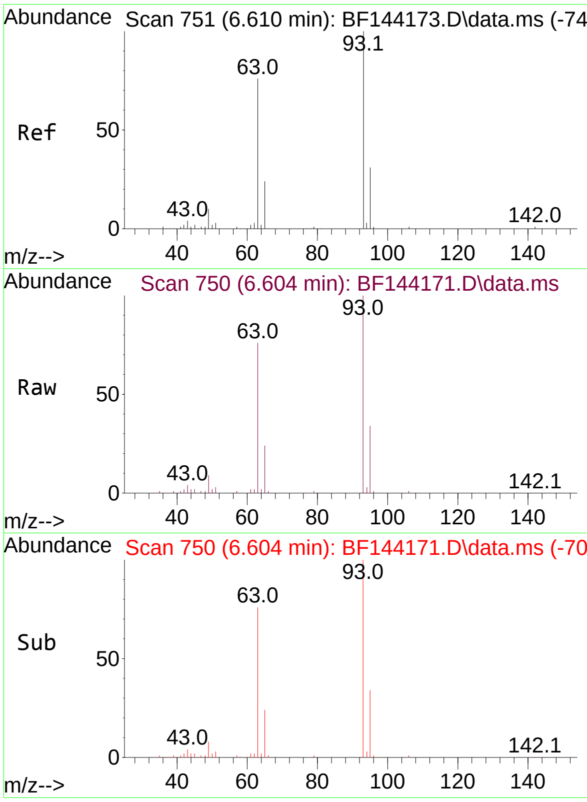
Tgt Ion: 94 Resp: 106765

Ion	Ratio	Lower	Upper
94	100		
65	28.3	10.8	50.8
66	41.8	24.3	64.3



ICAL Form

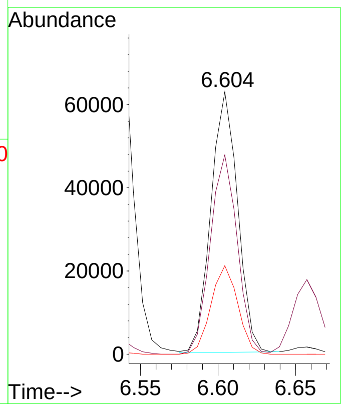
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

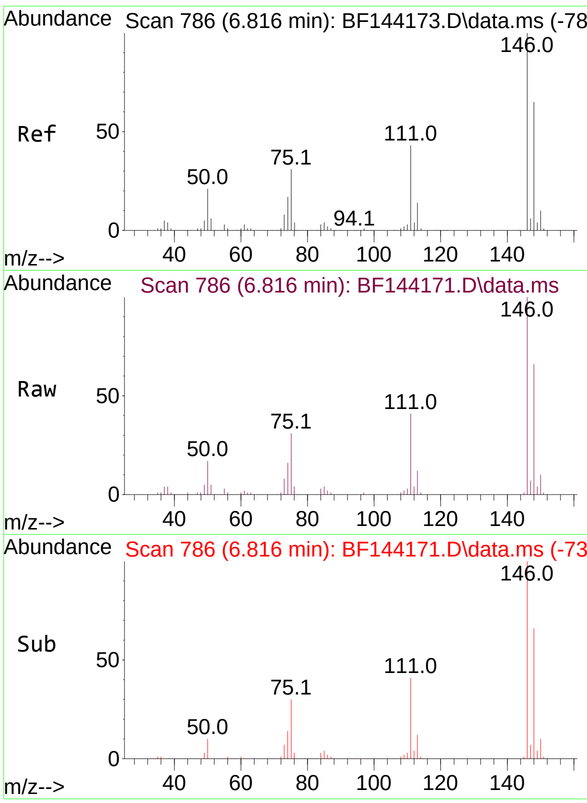


#11
bis(2-Chloroethyl)ether
Concen: 10.342 ng
RT: 6.604 min Scan# 75
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 93 Resp: 75075

Ion	Ratio	Lower	Upper
93	100		
63	75.9	55.2	95.2
95	33.7	11.2	51.2

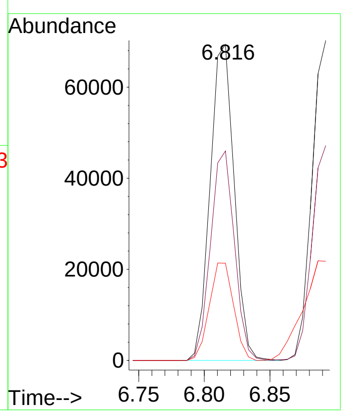




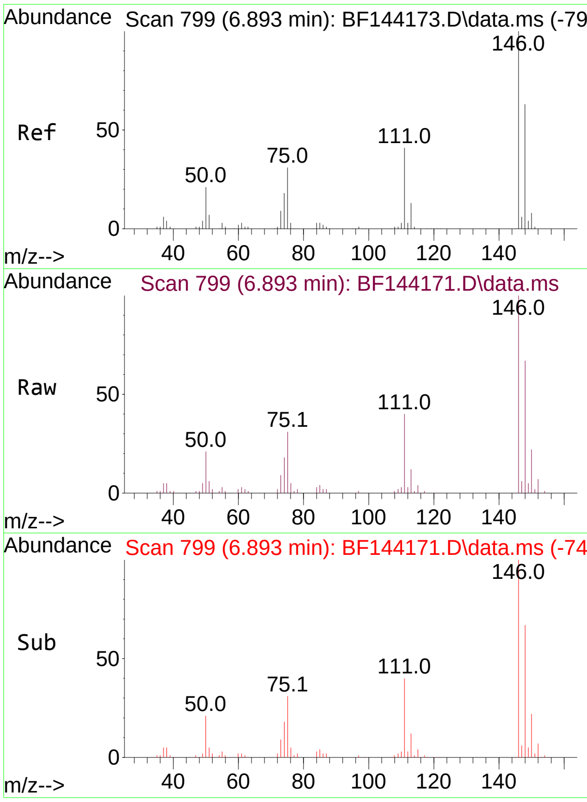
#12
1,3-Dichlorobenzene
Concen: 10.174 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:146 Resp: 88594

Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.8	77.8
75	30.8	25.0	37.4



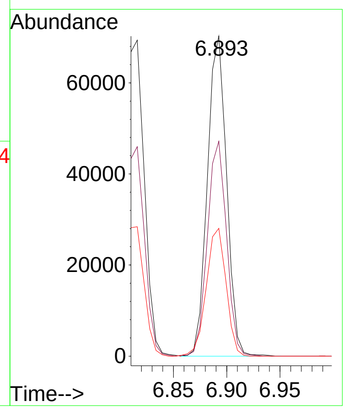
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

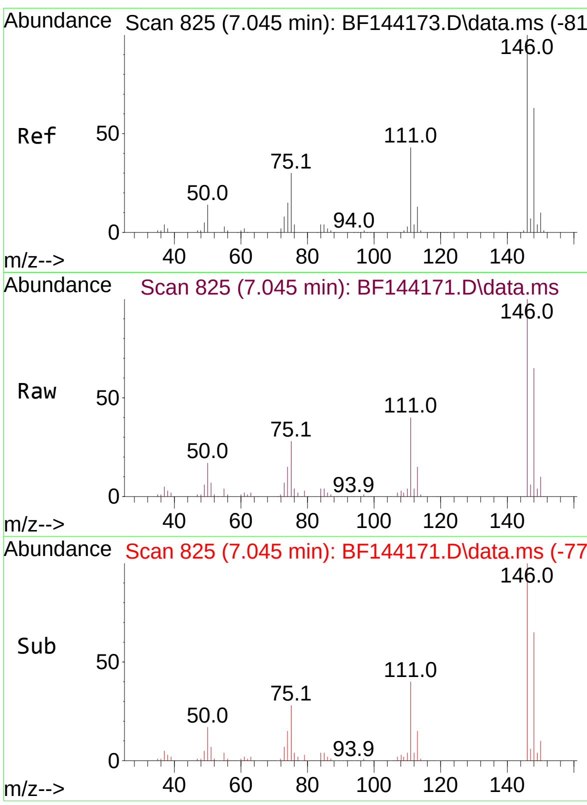


#13
1,4-Dichlorobenzene
Concen: 10.085 ng
RT: 6.893 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:146 Resp: 87984

Ion	Ratio	Lower	Upper
146	100		
148	67.1	50.2	75.2
111	39.9	32.6	48.8

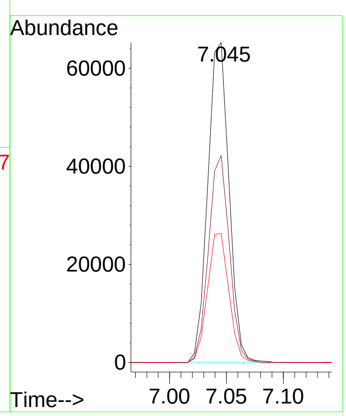




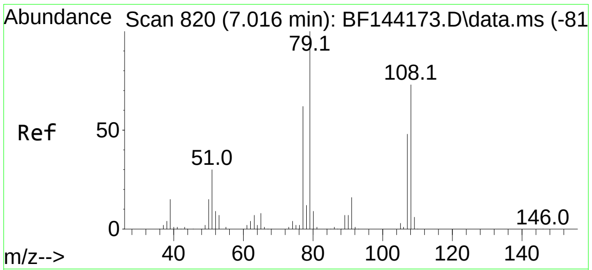
#14
1,2-Dichlorobenzene
Concen: 10.165 ng
RT: 7.045 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

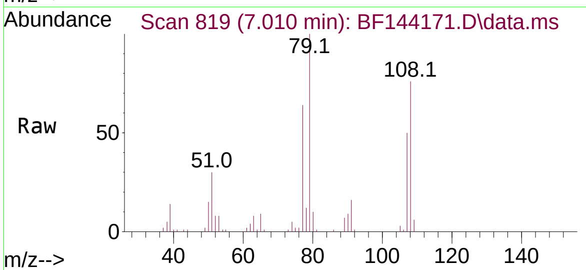
Tgt Ion:146 Resp: 84997

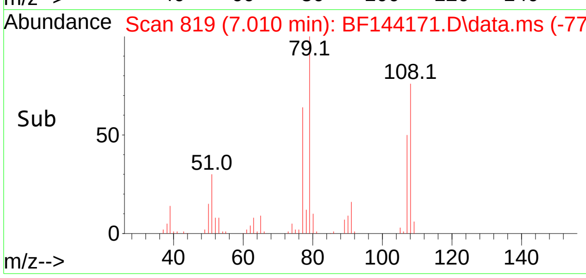
Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.7	76.1
111	40.3	34.2	51.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010



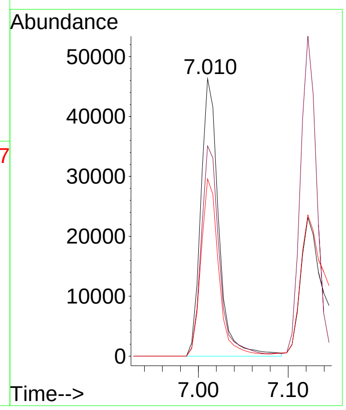


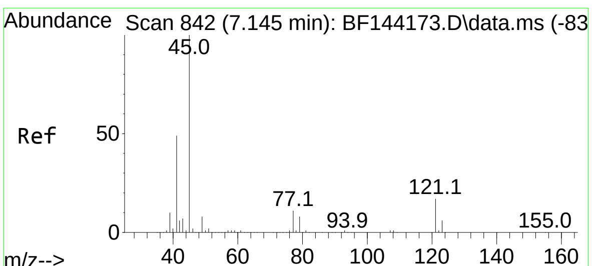


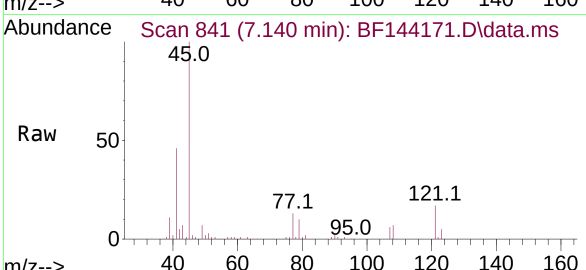
#15
Benzyl Alcohol
Concen: 9.937 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

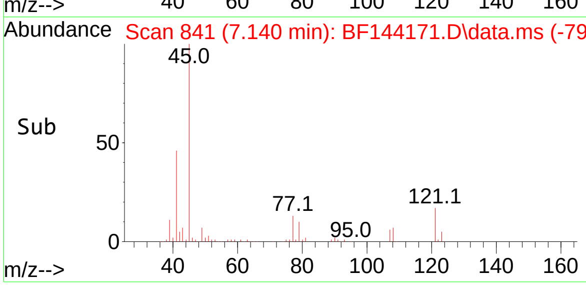
Tgt Ion: 79 Resp: 64160

Ion	Ratio	Lower	Upper
79	100		
108	75.8	58.2	87.4
77	63.8	49.9	74.9





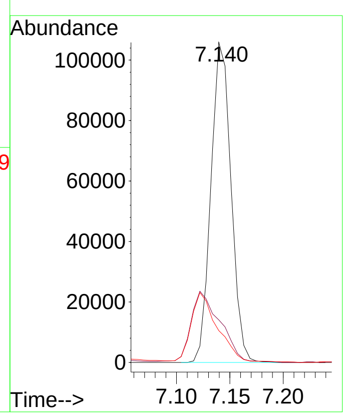




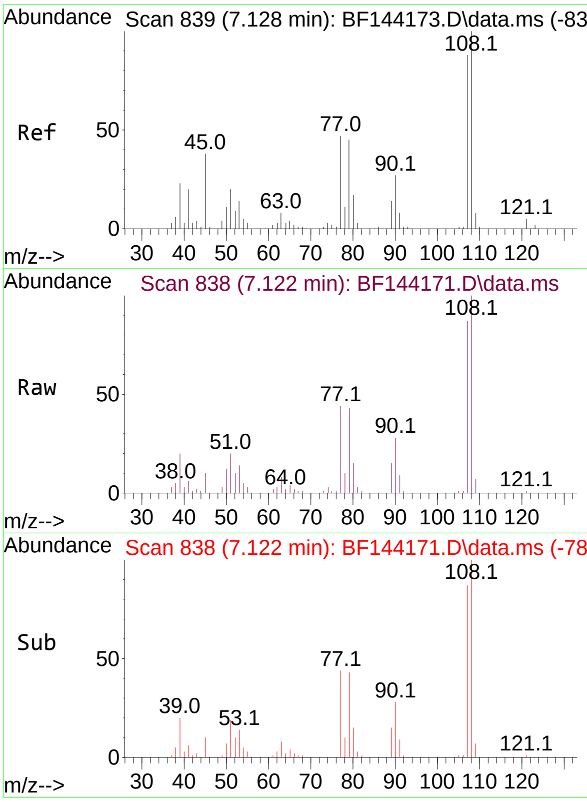
#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.403 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 45 Resp: 139062

Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	31.8
79	9.9	0.0	29.1



ICAL Form

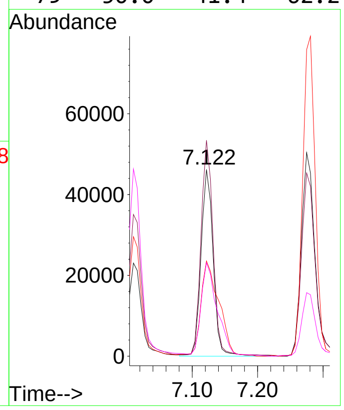


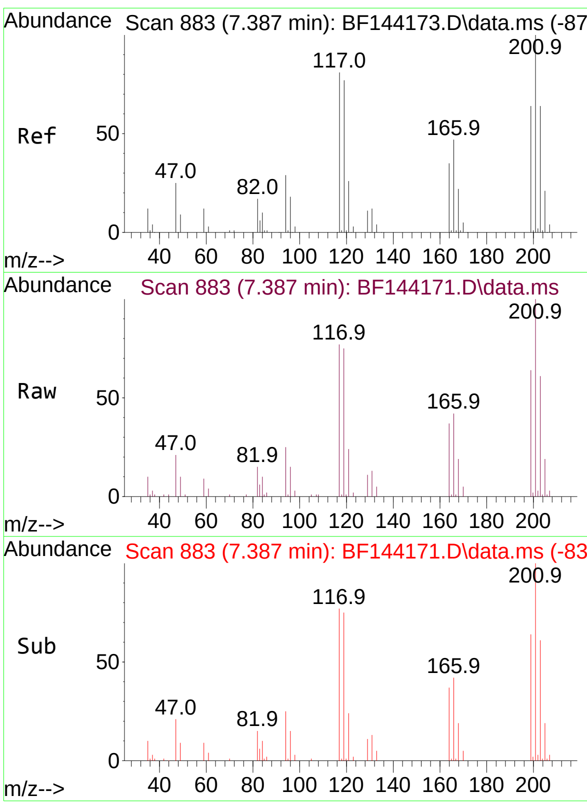
#17
2-Methylphenol
Concen: 10.575 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 59368

Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.0	136.4
77	51.0	42.7	64.1
79	50.0	41.4	62.2

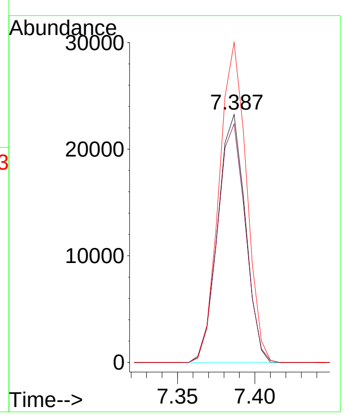




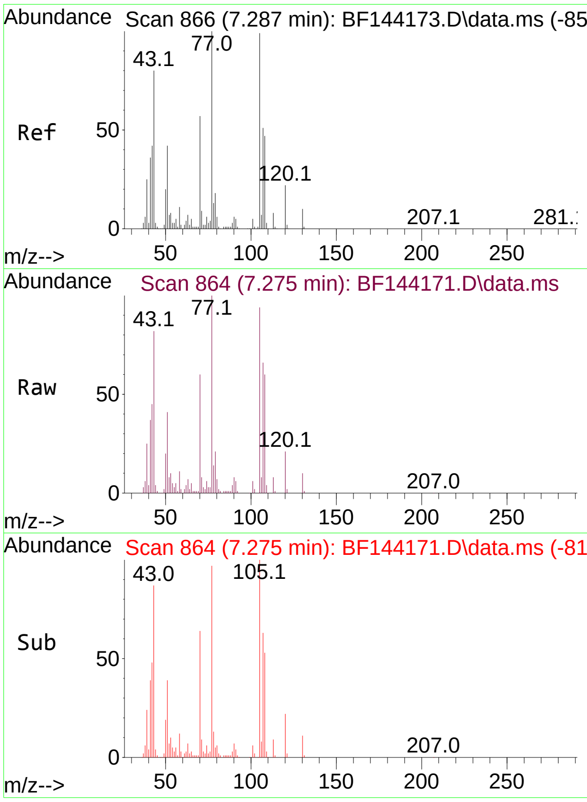
#18
Hexachloroethane
Concen: 9.963 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:117 Resp: 28876

Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	129.1	98.9	148.3



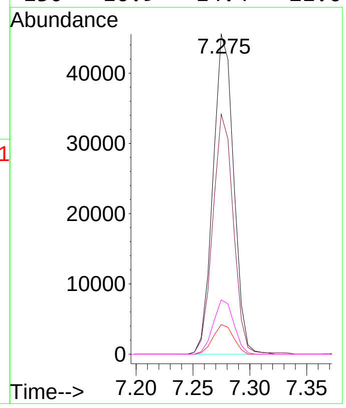
Instrument : BNA_F
ClientSampleId : SSTDICC010

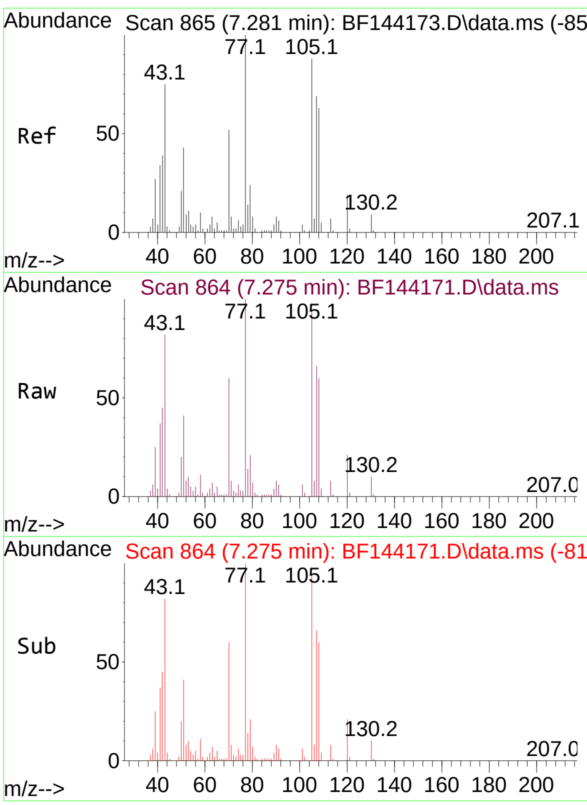


#19
n-Nitroso-di-n-propylamine
Concen: 10.735 ng
RT: 7.275 min Scan# 86
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 70 Resp: 57621

Ion	Ratio	Lower	Upper
70	100		
42	75.0	58.3	87.5
101	9.2	7.0	10.6
130	16.9	14.4	21.6

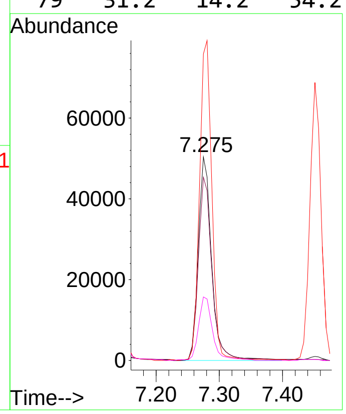




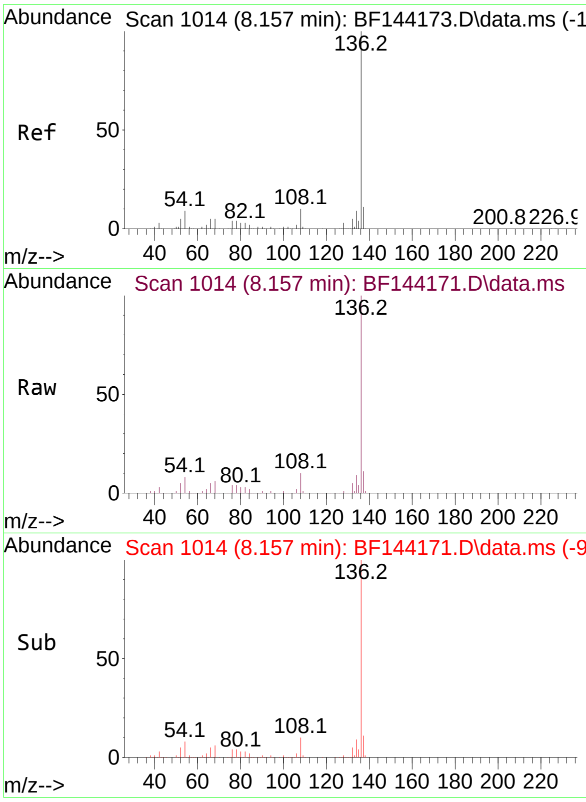
#20
3+4-Methylphenols
Concen: 11.314 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:107 Resp: 74874

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.2	110.2
77	150.7	123.9	163.9
79	31.2	14.2	54.2



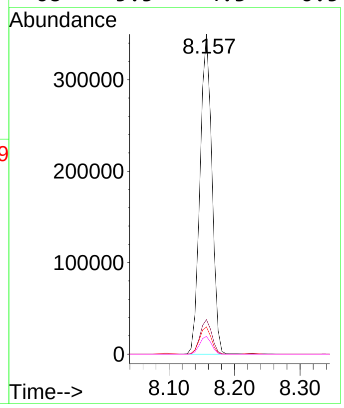
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

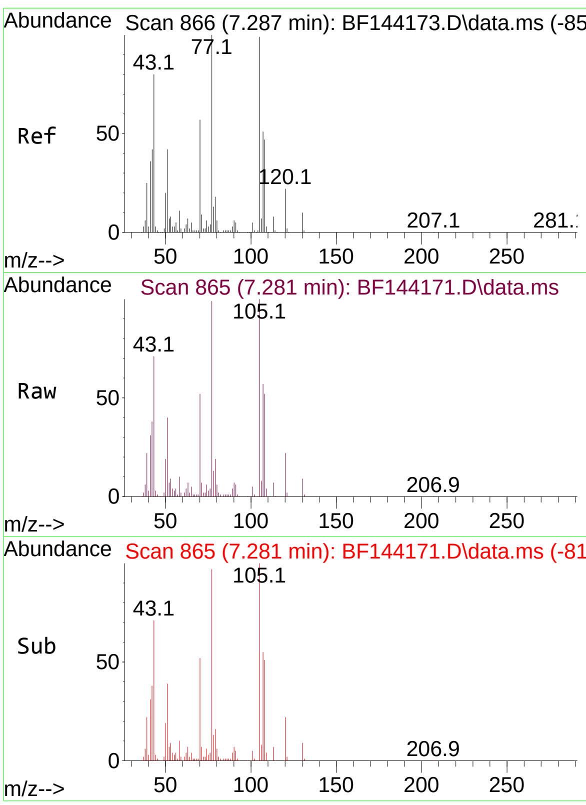


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:136 Resp: 438512

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.5	7.0	10.6
68	5.5	4.3	6.5

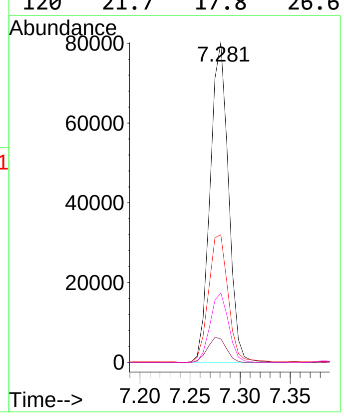




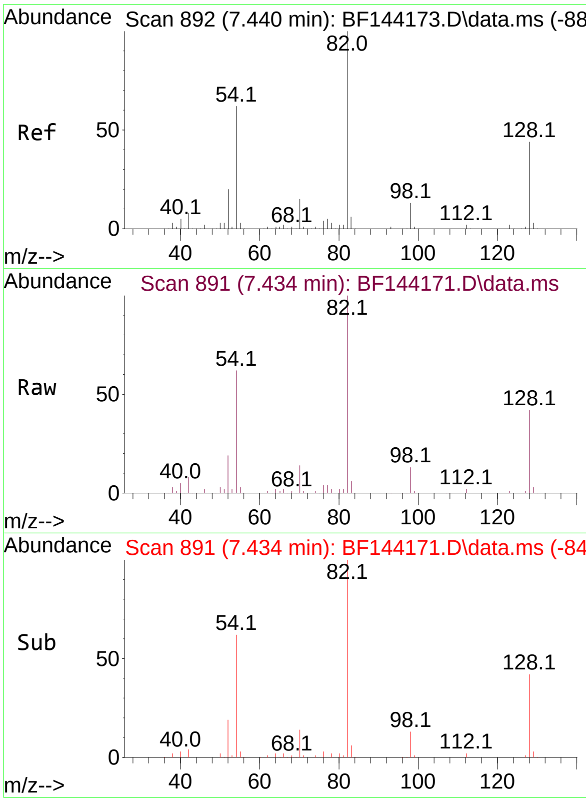
#22
Acetophenone
Concen: 10.819 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:105 Resp: 101777

Ion	Ratio	Lower	Upper
105	100		
71	7.4	7.2	10.8
51	39.9	34.0	51.0
120	21.7	17.8	26.6



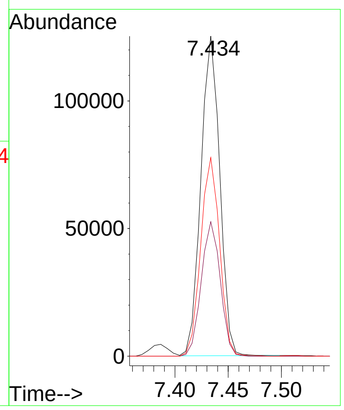
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

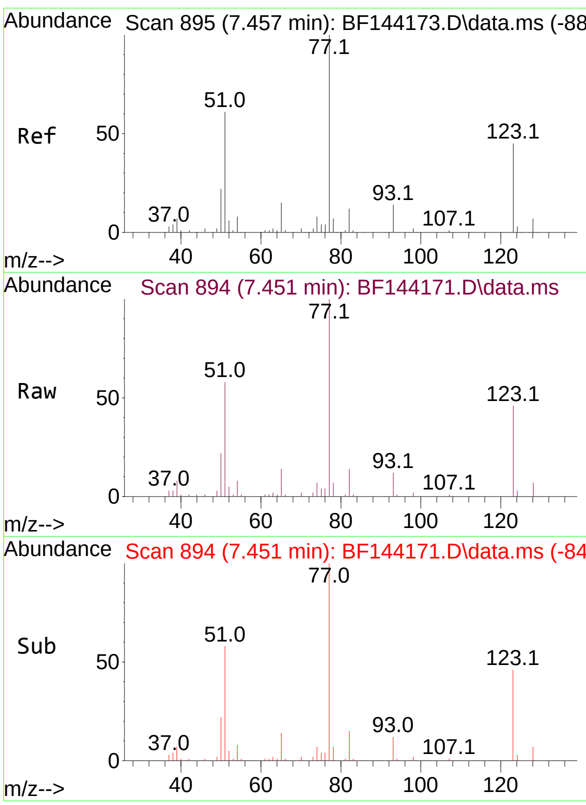


#23
Nitrobenzene-d5
Concen: 20.347 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 82 Resp: 154488

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.7	52.1
54	62.0	49.5	74.3

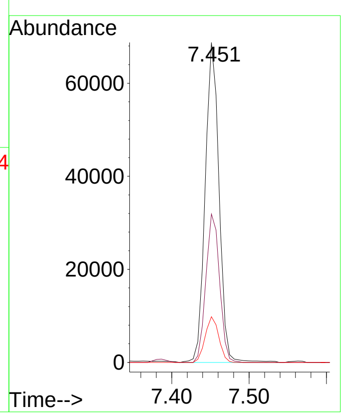




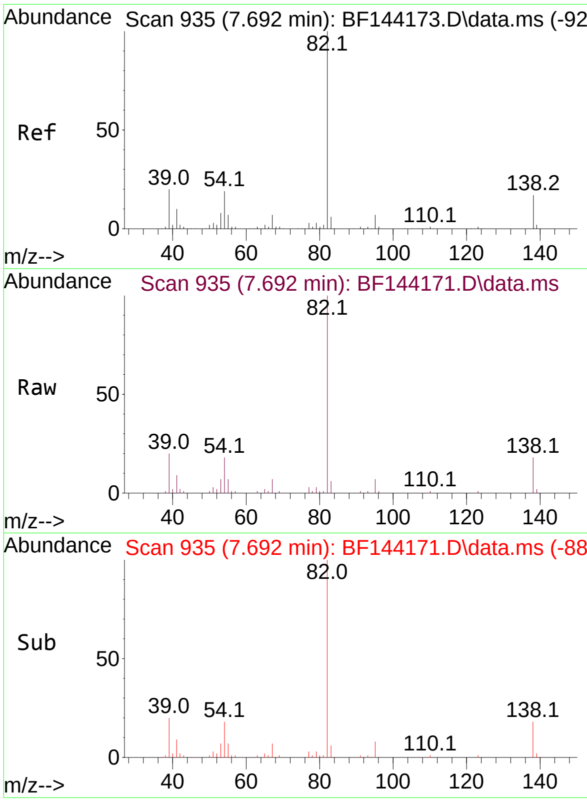
#24
Nitrobenzene
Concen: 10.380 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 77 Resp: 85567

Ion	Ratio	Lower	Upper
77	100		
123	46.4	35.8	53.8
65	14.3	12.2	18.2

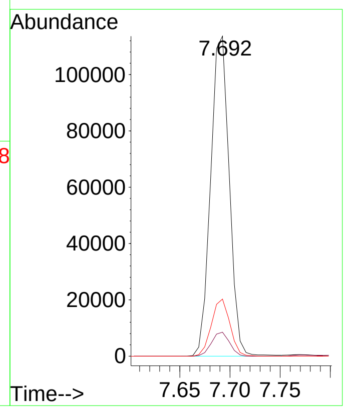


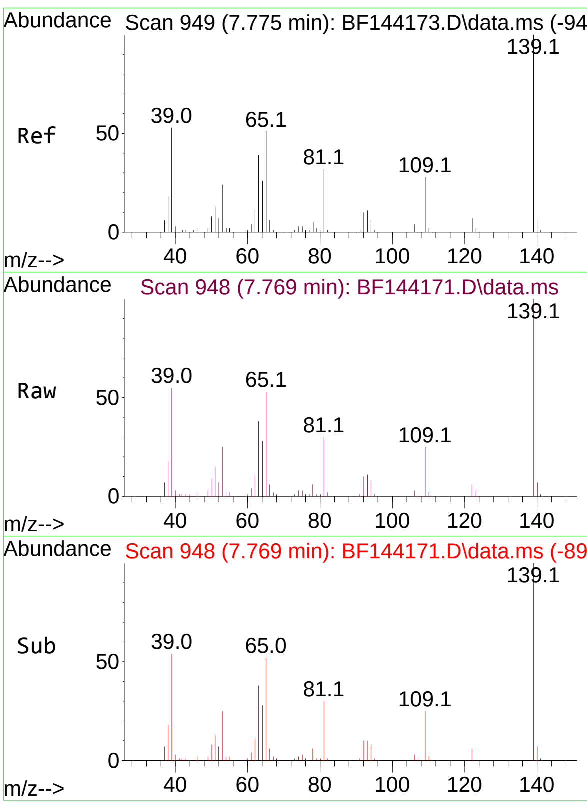
Instrument :
BNA_F
ClientSampleId :
SSTDICC010




```
#25
Isophorone
Concen:   10.204 ng
RT:   7.692 min  Scan# 9
Delta R.T.  -0.012 min
Lab File:   BF144171.D
Acq: 05 Nov 2025  13:50

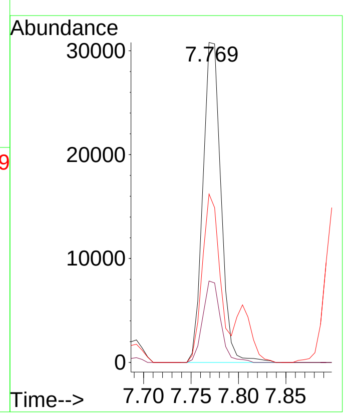
Tgt Ion: 82 Resp:  146541
Ion  Ratio  Lower  Upper
 82  100
 95    7.5    5.5    8.3
138   17.9   13.7   20.5
```



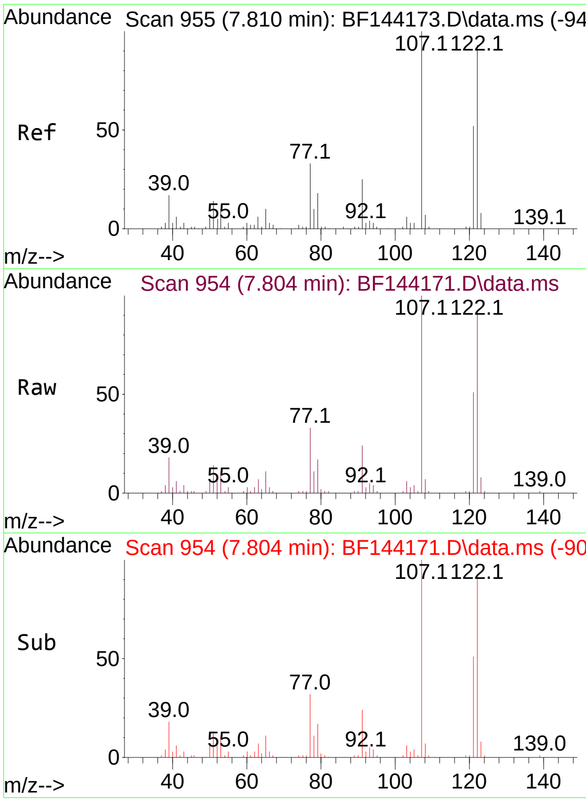



```
#26
2-Nitrophenol
Concen:   10.067 ng
RT:   7.769 min  Scan# 948
Delta R.T.  -0.006 min
Lab File:   BF144171.D
Acq: 05 Nov 2025  13:50

Tgt Ion:139 Resp:   41083
Ion  Ratio  Lower  Upper
139  100
109   25.4   22.2   33.2
 65   52.6   40.7   61.1
```

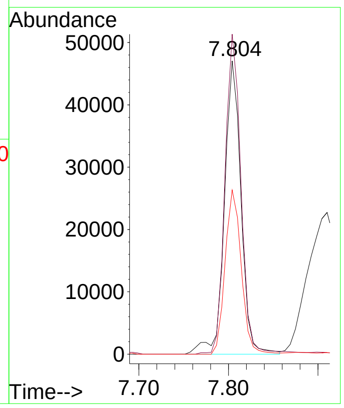


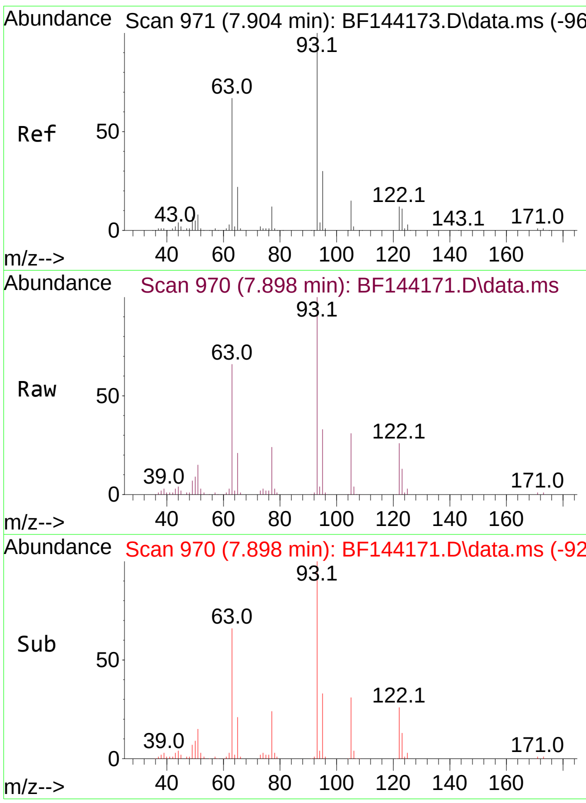
Instrument :
BNA_F
ClientSampleId :
SSTDICC010




```
#27
2,4-Dimethylphenol
Concen:    9.956 ng
RT:   7.804 min  Scan# 95
Delta R.T.  -0.012 min
Lab File:   BF144171.D
Acq: 05 Nov 2025  13:50

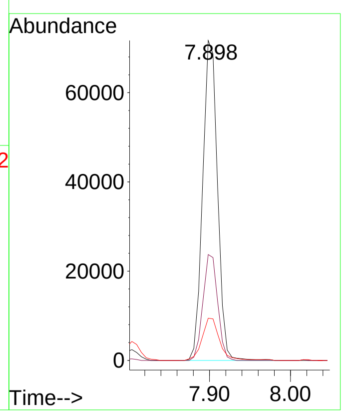
Tgt Ion:122 Resp:   60896
Ion  Ratio  Lower  Upper
122  100
107  109.2   86.2  129.4
121   56.0   44.6   66.8
```



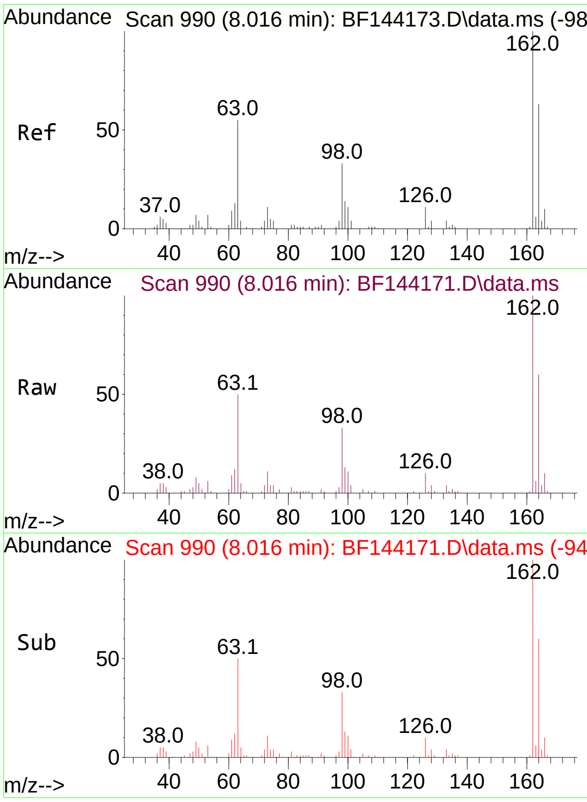



```
#28
bis(2-Chloroethoxy)methane
Concen:   10.202 ng
RT:   7.898 min  Scan# 970
Delta R.T.  -0.012 min
Lab File:   BF144171.D
Acq: 05 Nov 2025  13:50

Tgt Ion: 93 Resp:   91497
Ion  Ratio  Lower  Upper
 93  100
 95   33.1   24.2   36.4
123   13.2    9.0   13.4
```



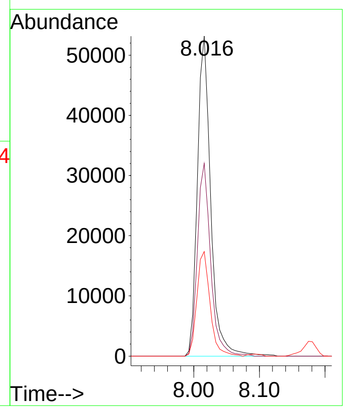
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

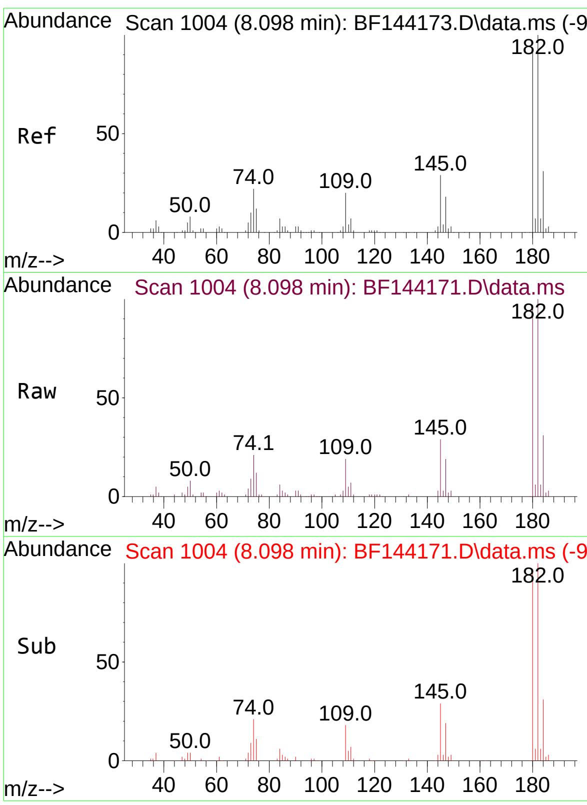


#29
2,4-Dichlorophenol
Concen: 10.643 ng
RT: 8.016 min   Scan# 99
Delta R.T.   -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025   13:50

Tgt Ion:162 Resp: 75032

Ion	Ratio	Lower	Upper
162	100		
164	60.2	42.9	82.9
98	32.7	13.3	53.3

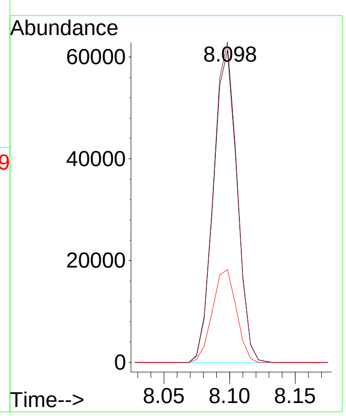




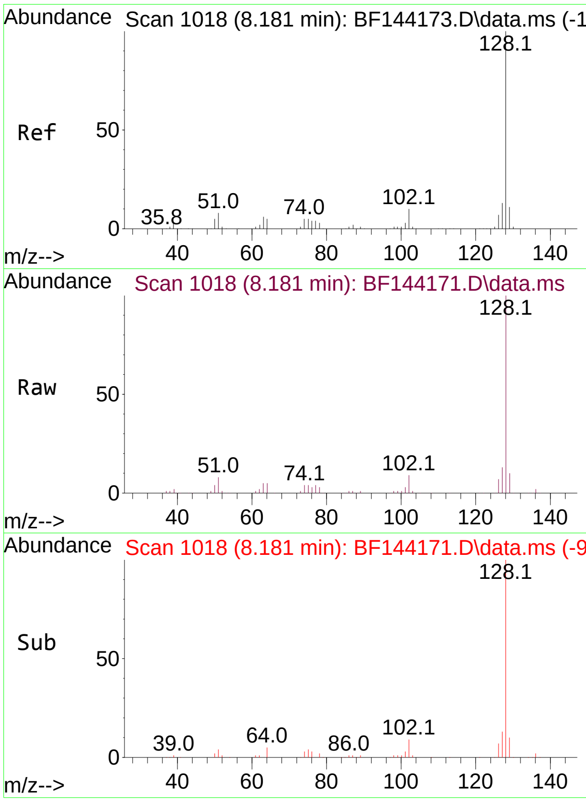
#30
1,2,4-Trichlorobenzene
Concen: 10.585 ng
RT: 8.098 min   Scan# 1004
Delta R.T.   0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025   13:50

Tgt Ion:180 Resp: 76623

Ion	Ratio	Lower	Upper
180	100		
182	102.7	87.7	131.5
145	29.8	25.4	38.0



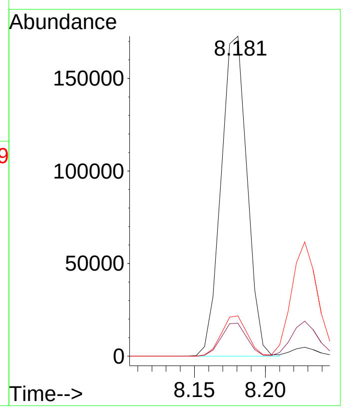
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

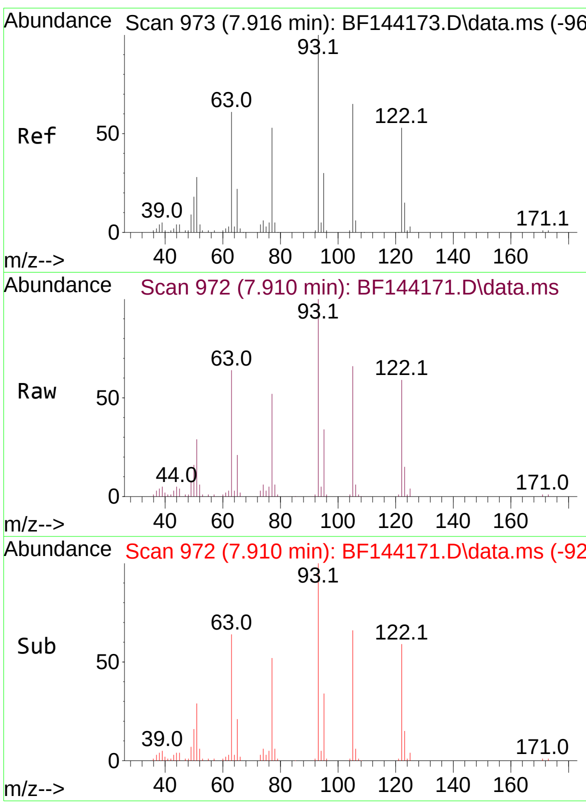


#31
Naphthalene
Concen: 10.590 ng
RT: 8.181 min Scan# 10
Delta R.T.   -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:128 Resp: 220903

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.9	13.3
127	12.6	10.3	15.5

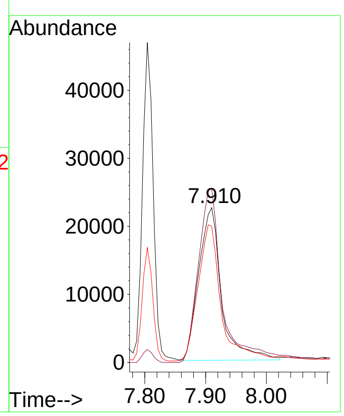




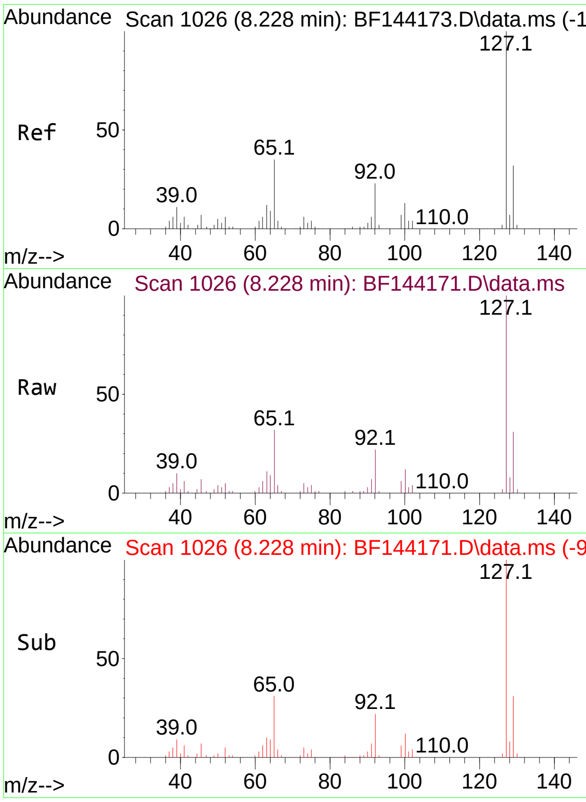
#32
Benzoic acid
Concen: 13.120 ng
RT: 7.910 min Scan# 972
Delta R.T.   -0.041 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:122 Resp: 58822

Ion	Ratio	Lower	Upper
122	100		
105	112.1	99.9	139.9
77	88.0	77.5	117.5



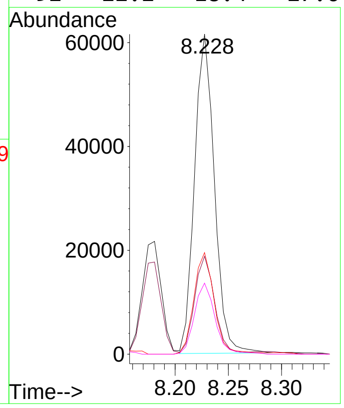
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

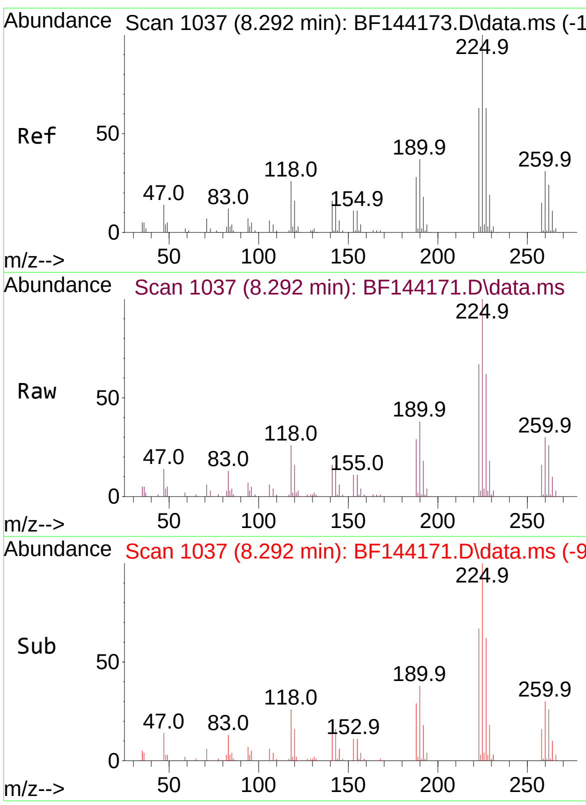


#33
4-Chloroaniline
Concen: 10.476 ng
RT: 8.228 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:127 Resp: 79703

Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.3	37.9
65	31.7	27.6	41.4
92	22.2	18.4	27.6

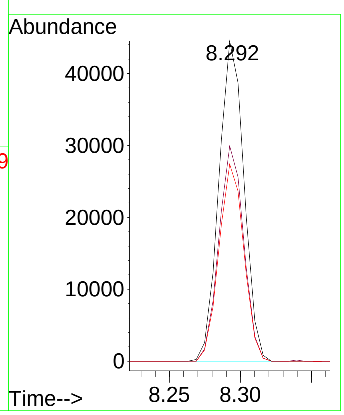




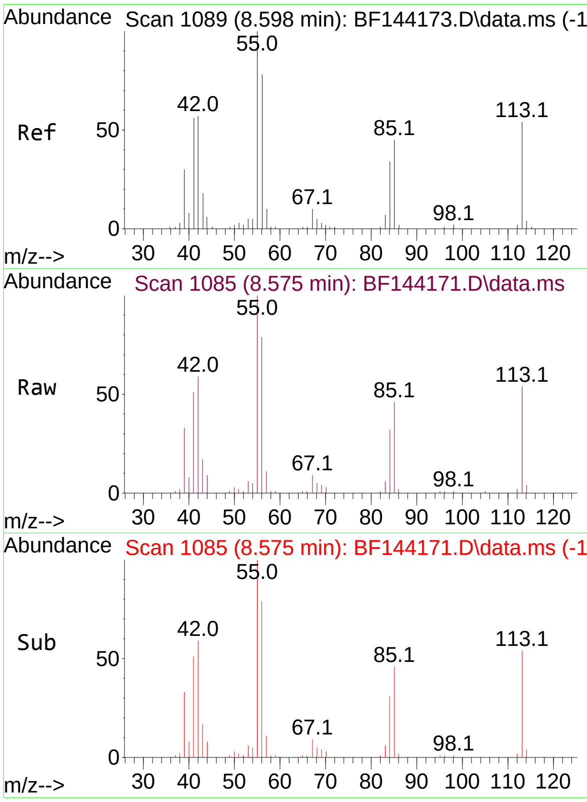
#34
Hexachlorobutadiene
Concen: 10.054 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:225 Resp: 54849

Ion	Ratio	Lower	Upper
225	100		
223	67.2	50.2	75.4
227	61.5	50.1	75.1



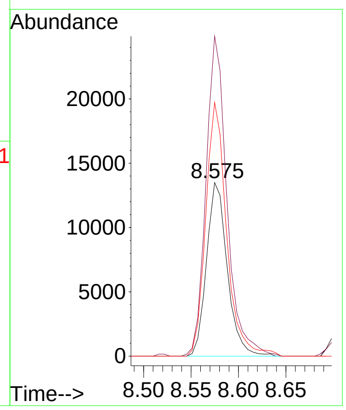
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

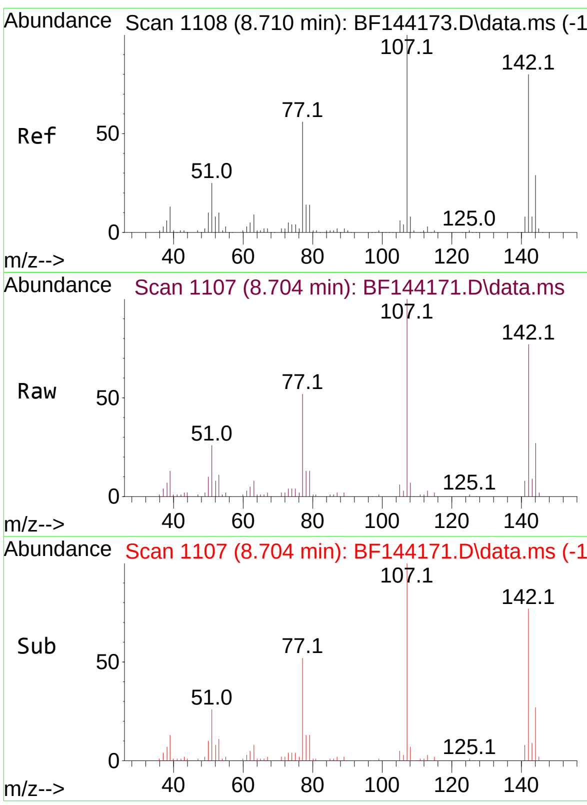


#35
Caprolactam
Concen: 10.645 ng
RT: 8.575 min Scan# 10
Delta R.T. -0.047 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:113 Resp: 20560

Ion	Ratio	Lower	Upper
113	100		
55	184.5	166.8	206.8
56	146.2	125.9	165.9

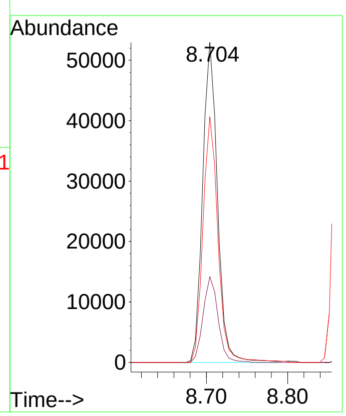




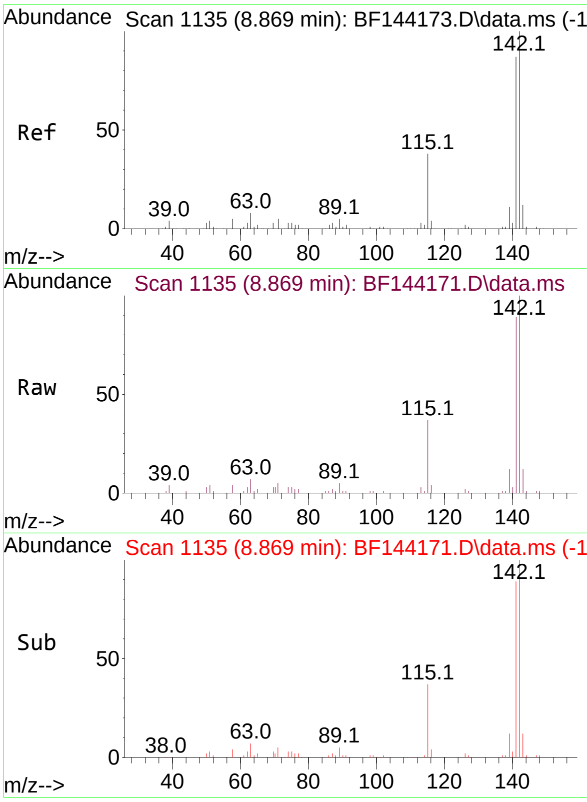
#36
4-Chloro-3-methylphenol
Concen: 10.641 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:107 Resp: 67228

Ion	Ratio	Lower	Upper
107	100		
144	26.7	23.3	34.9
142	76.8	63.8	95.6



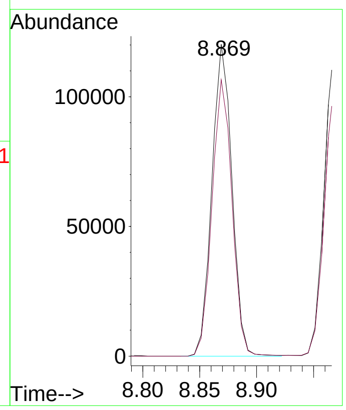
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

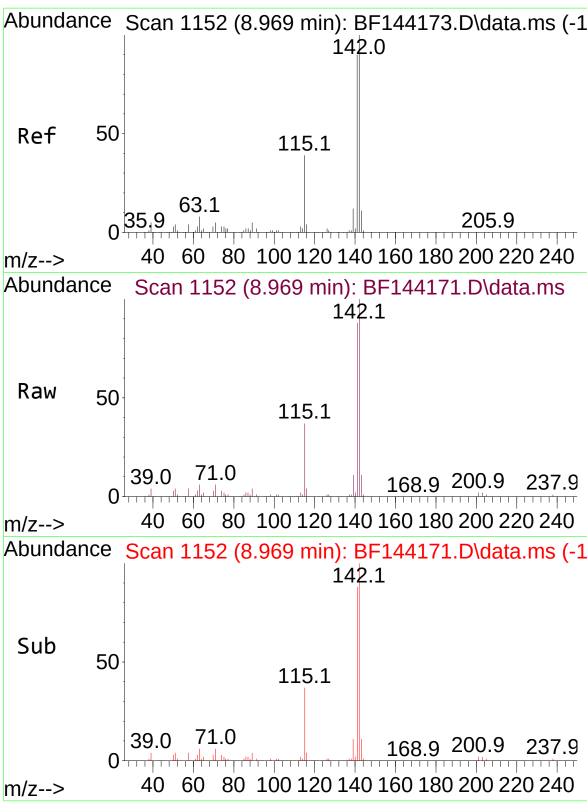


#37
2-Methylnaphthalene
Concen: 10.571 ng
RT: 8.869 min   Scan# 11
Delta R.T.   -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025   13:50

Tgt Ion:142 Resp: 147427

Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.9	104.9

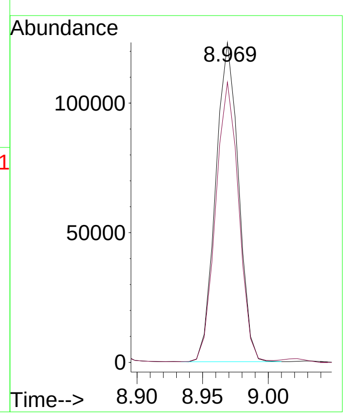




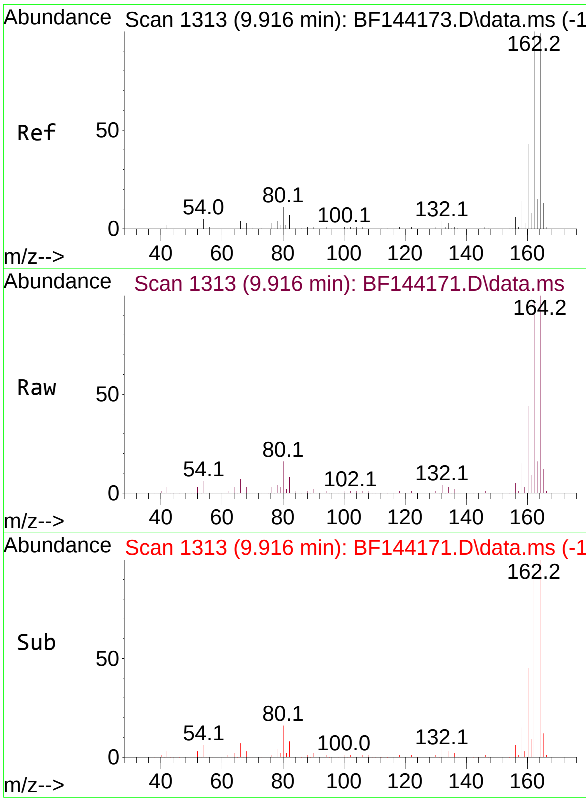
#38
1-Methylnaphthalene
Concen: 11.093 ng
RT: 8.969 min   Scan# 1152
Delta R.T.   -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025   13:50

Tgt Ion:142 Resp: 149280

Ion	Ratio	Lower	Upper
142	100		
141	87.6	72.1	108.1



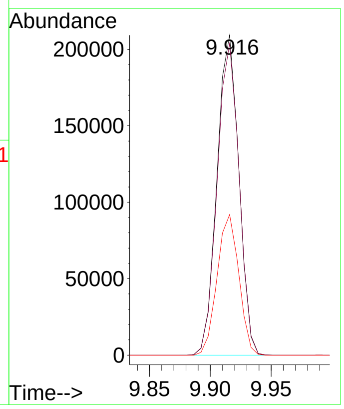
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

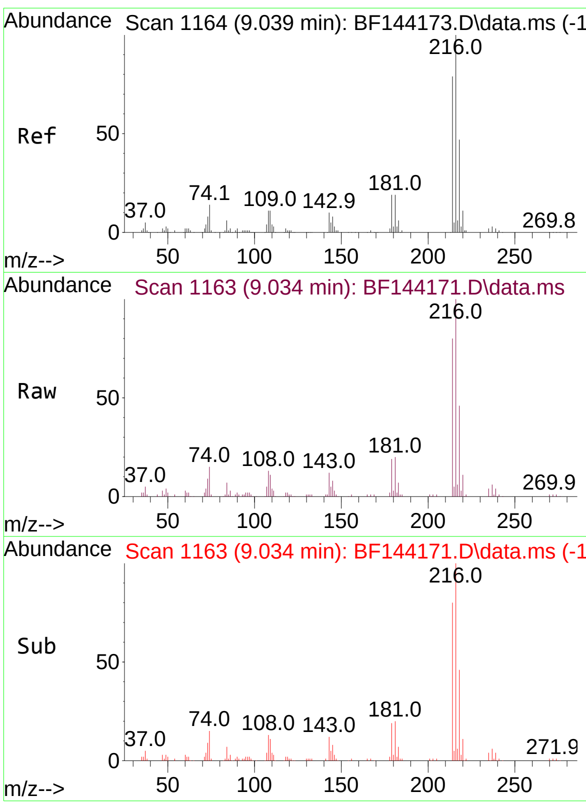


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025   13:50

Tgt Ion:164 Resp: 261107

Ion	Ratio	Lower	Upper
164	100		
162	97.4	81.1	121.7
160	43.9	34.5	51.7

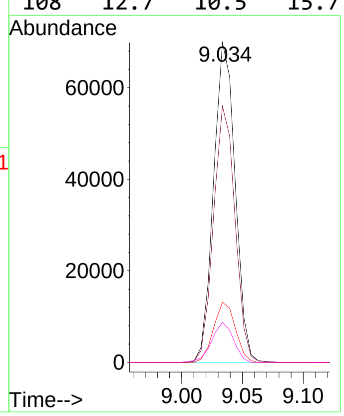




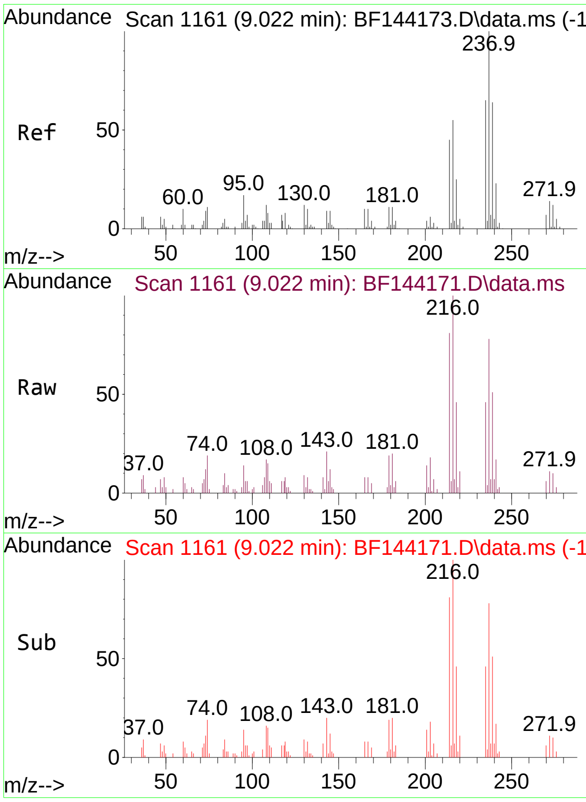
#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.098 ng
RT: 9.034 min   Scan# 1163
Delta R.T.   -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025   13:50

Tgt Ion:216 Resp: 86408

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.2
179	19.0	15.0	22.4
108	12.7	10.5	15.7



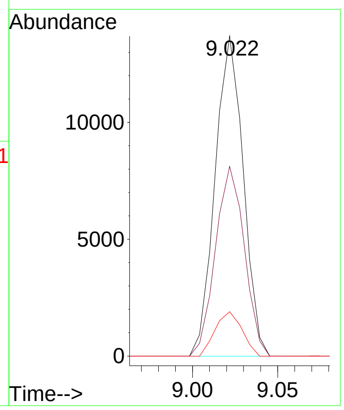
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

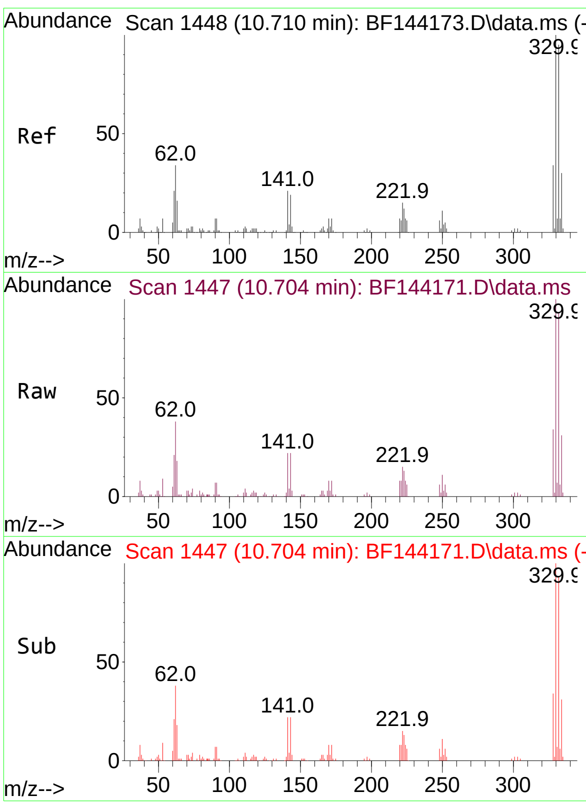


#41
Hexachlorocyclopentadiene
Concen: 10.609 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:237 Resp: 15765

Ion	Ratio	Lower	Upper
237	100		
235	59.3	45.5	85.5
272	13.9	0.0	33.5

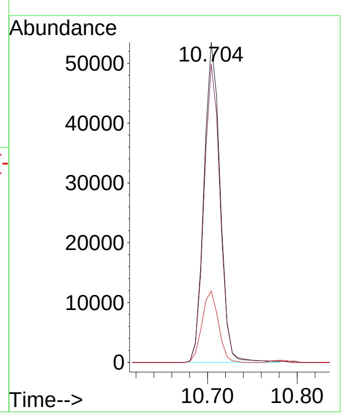




#42
2,4,6-Tribromophenol
Concen: 20.442 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

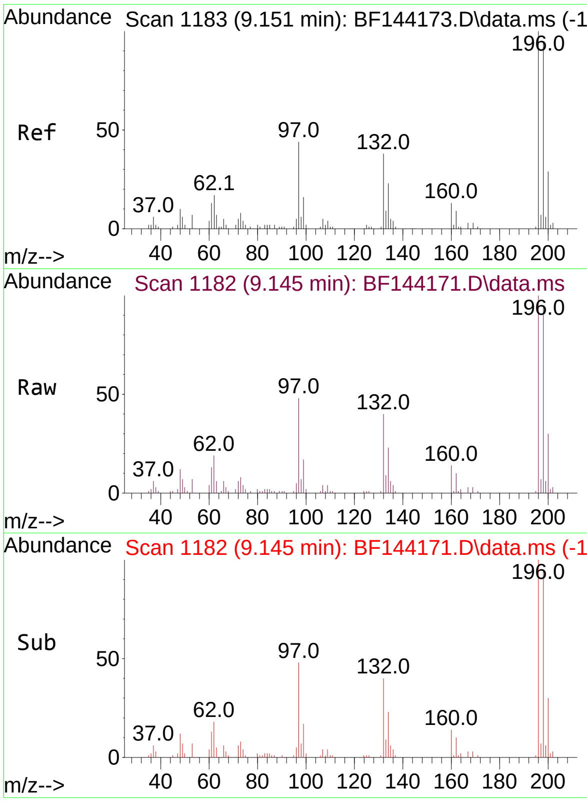
Tgt Ion:330 Resp: 66981

Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.7	115.1
141	22.6	17.8	26.8



ICAL Form

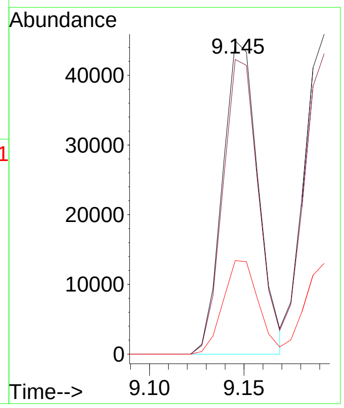
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

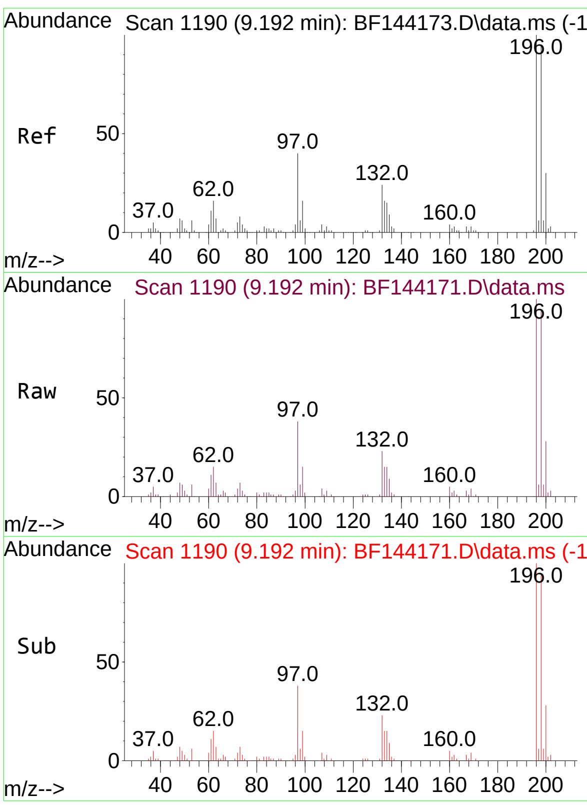


#43
2,4,6-Trichlorophenol
Concen: 10.054 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:196 Resp: 58560

Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.3	112.9
200	29.8	23.4	35.2

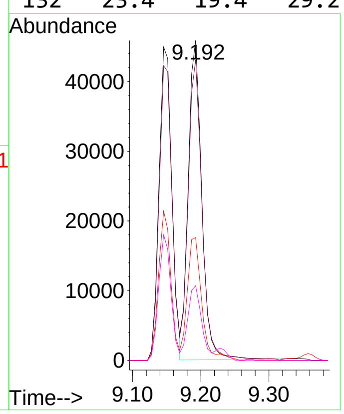




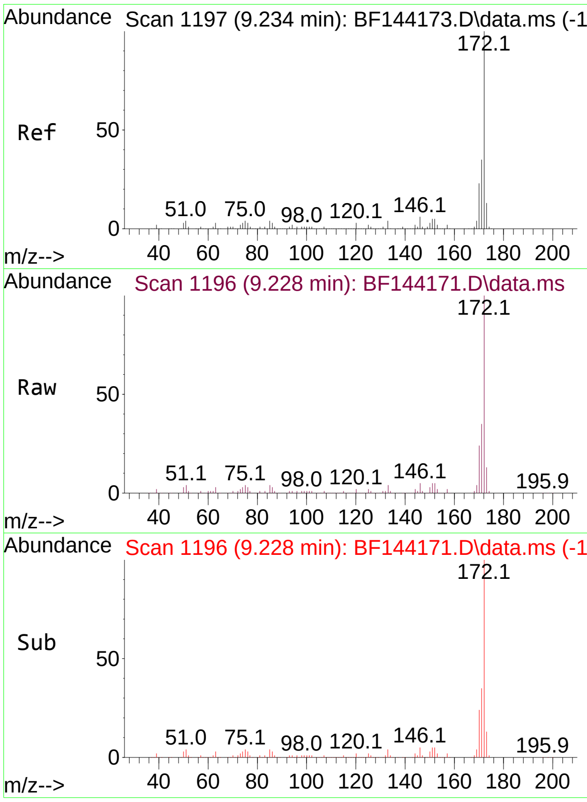
#44
2,4,5-Trichlorophenol
Concen: 10.160 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:196 Resp: 63779

Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.1	114.1
97	38.4	31.9	47.9
132	23.4	19.4	29.2



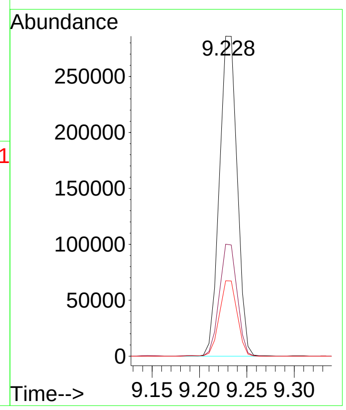
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

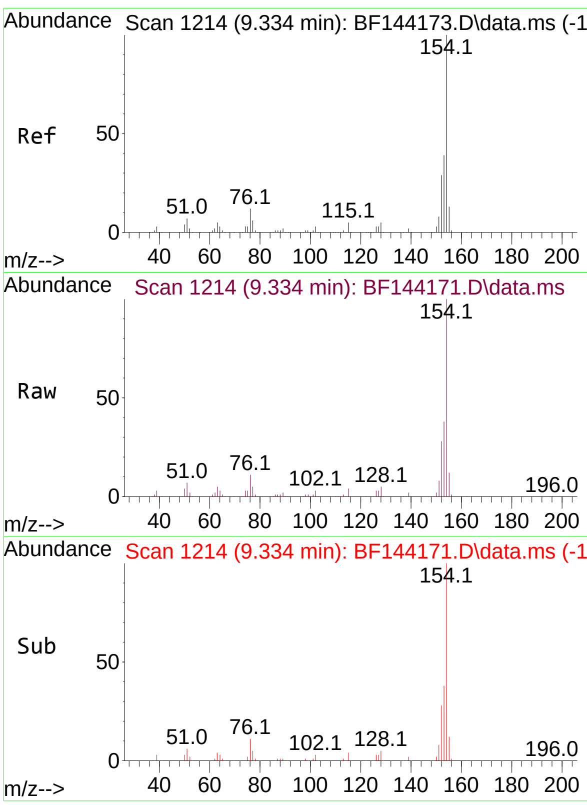


#45
2-Fluorobiphenyl
Concen: 21.090 ng
RT: 9.228 min   Scan# 1
Delta R.T.   -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025   13:50

Tgt Ion:172 Resp: 372845

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.5	18.6	28.0

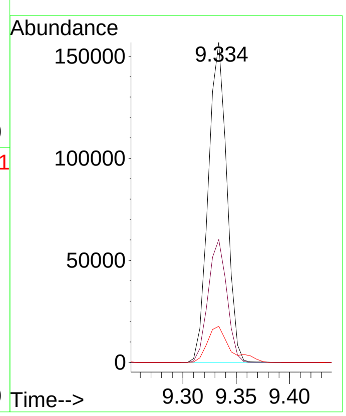




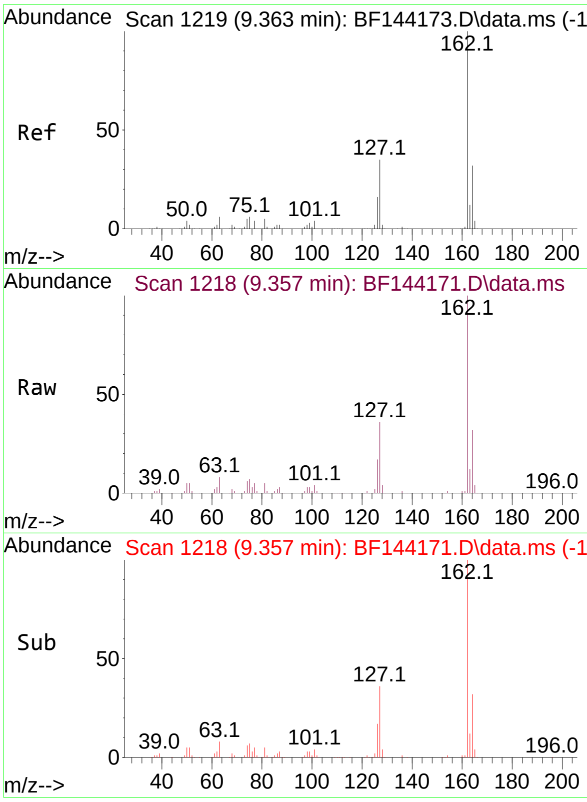
#46
1,1'-Biphenyl
Concen: 10.355 ng
RT: 9.334 min   Scan# 1214
Delta R.T.   -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025   13:50

Tgt Ion:154 Resp: 188739

Ion	Ratio	Lower	Upper
154	100		
153	38.4	19.2	59.2
76	11.3	0.0	31.8



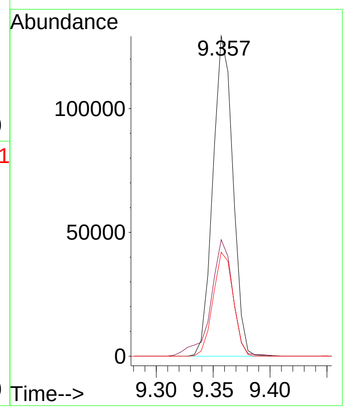
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

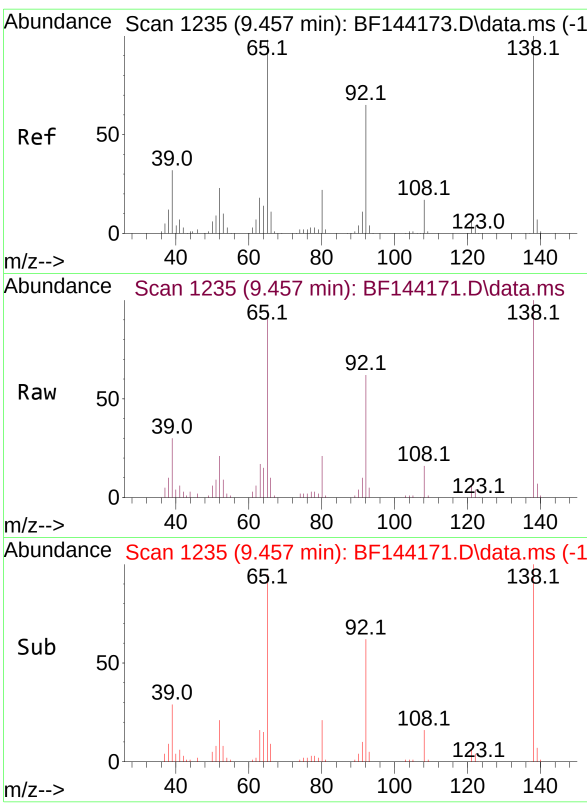


#47
2-Chloronaphthalene
Concen: 10.211 ng
RT: 9.357 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:162 Resp: 158745

Ion	Ratio	Lower	Upper
162	100		
127	36.4	28.8	43.2
164	32.5	25.8	38.8

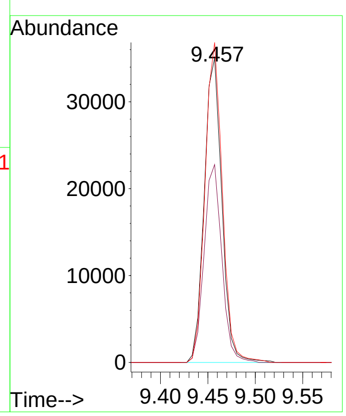




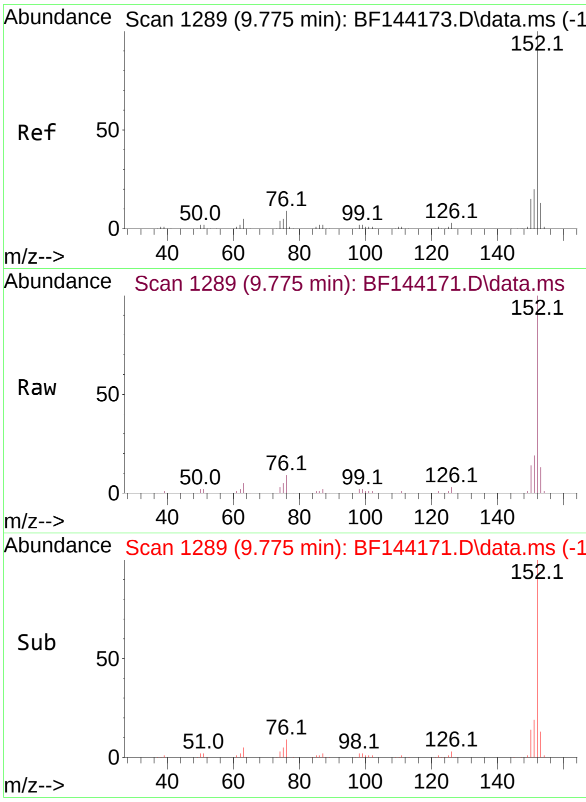
#48
2-Nitroaniline
Concen: 10.104 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 65 Resp: 45323

Ion	Ratio	Lower	Upper
65	100		
92	65.0	53.0	79.6
138	105.1	81.6	122.4



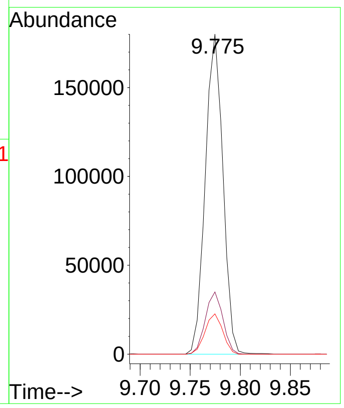
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

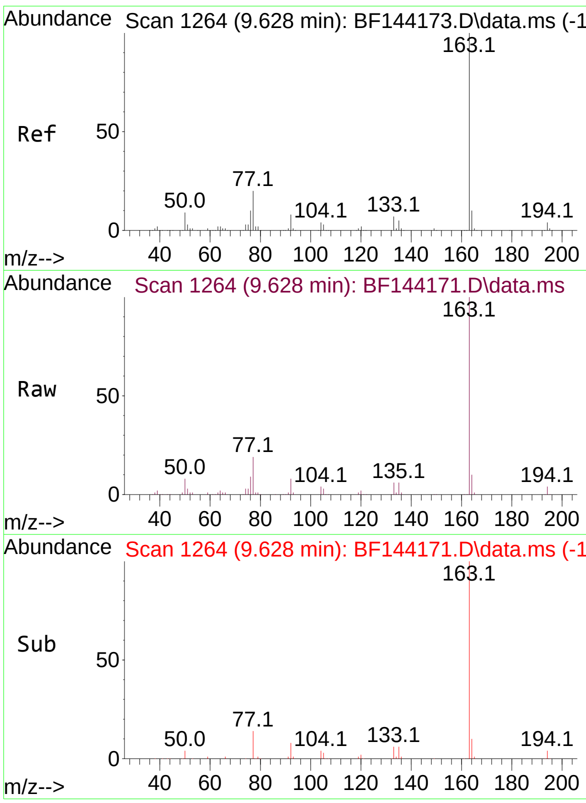


#49
Acenaphthylene
Concen: 10.390 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:152 Resp: 220118

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	12.6	10.5	15.7

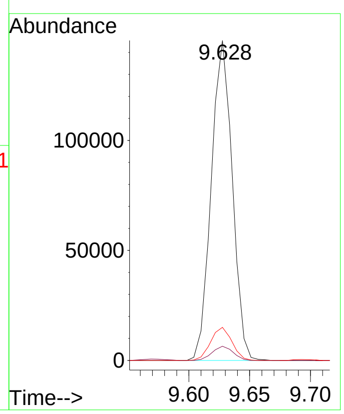




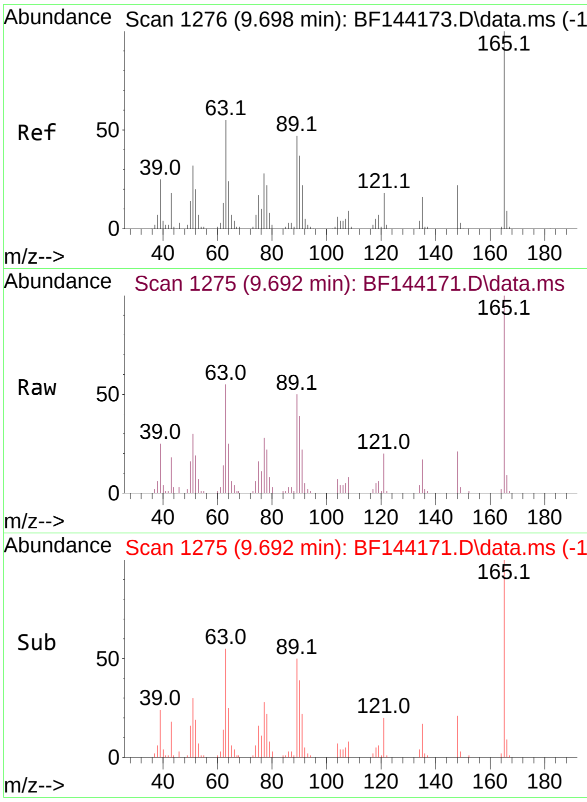
#50
Dimethylphthalate
Concen: 10.133 ng
RT: 9.628 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:163 Resp: 175284

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.3	8.1	12.1



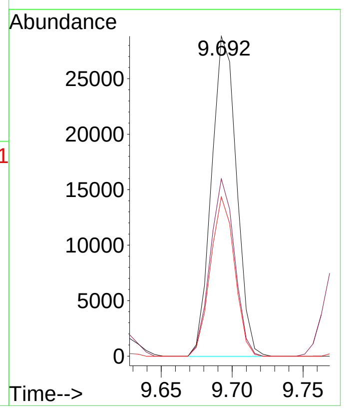
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

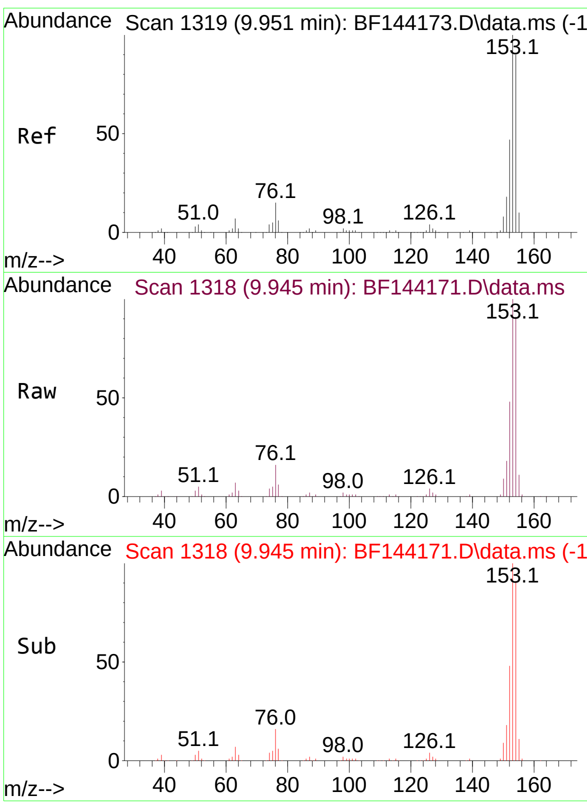


#51
2,6-Dinitrotoluene
Concen: 10.119 ng
RT: 9.692 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:165 Resp: 35433

Ion	Ratio	Lower	Upper
165	100		
63	55.4	43.8	65.8
89	49.8	37.5	56.3

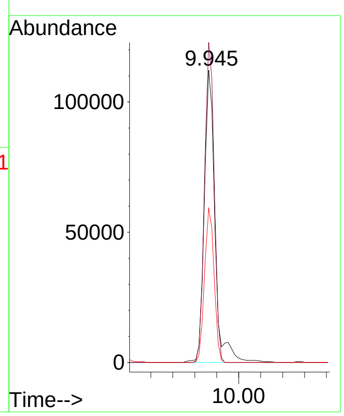




#52
Acenaphthene
Concen: 10.705 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

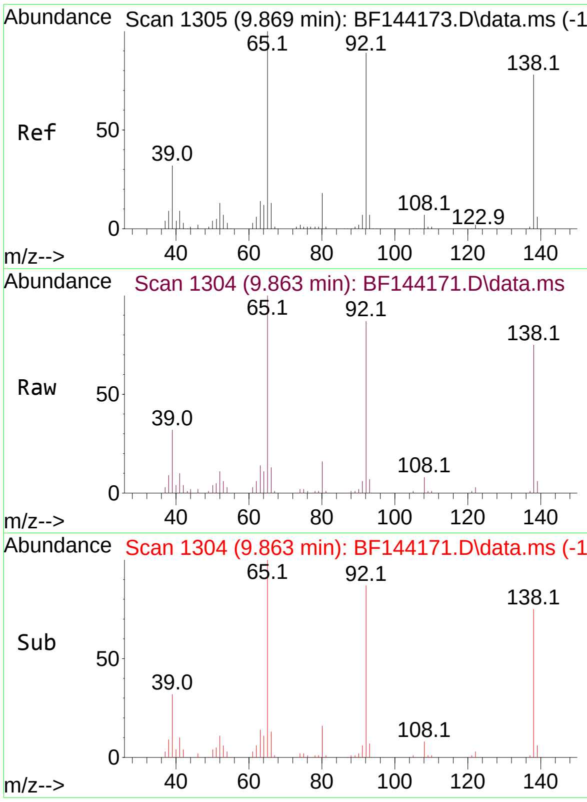
Tgt Ion:154 Resp: 151661

Ion	Ratio	Lower	Upper
154	100		
153	109.5	89.0	133.4
152	52.7	42.2	63.4



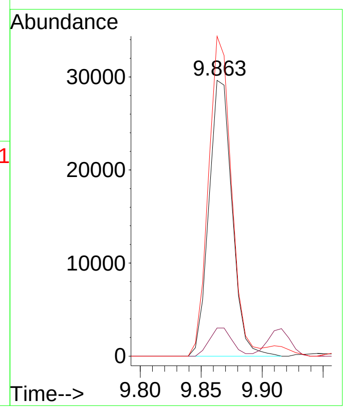
ICAL Form

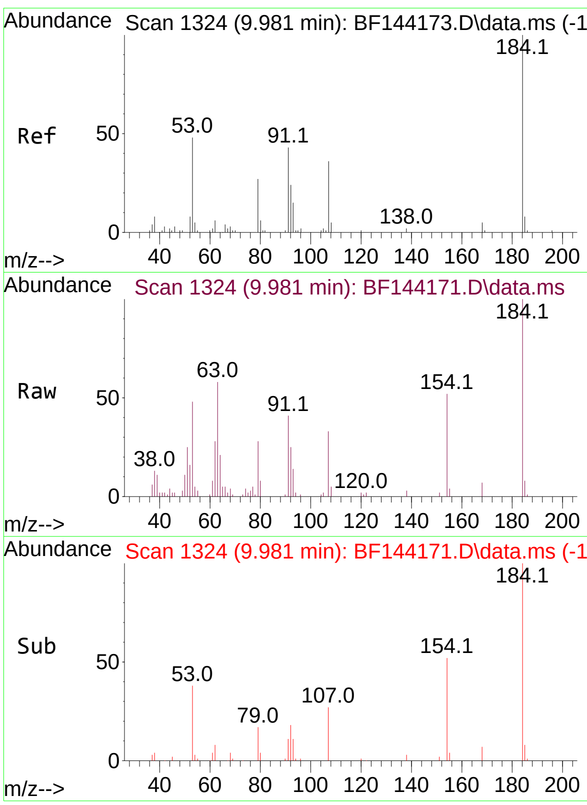
Instrument :
BNA_F
ClientSampleId :
SSTDICC010




```
#53
3-Nitroaniline
Concen:   10.259 ng
RT:   9.863 min  Scan# 1
Delta R.T.  -0.012 min
Lab File:   BF144171.D
Acq: 05 Nov 2025  13:50

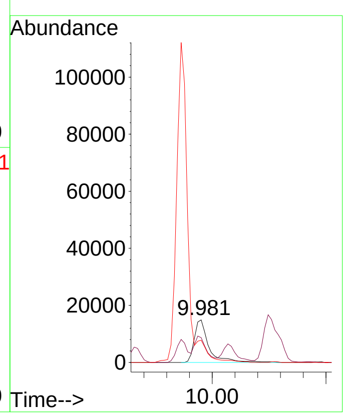
Tgt Ion:138 Resp:   39270
Ion  Ratio  Lower  Upper
138  100
108   10.2    7.5   11.3
 92  116.1   91.8  137.6
```



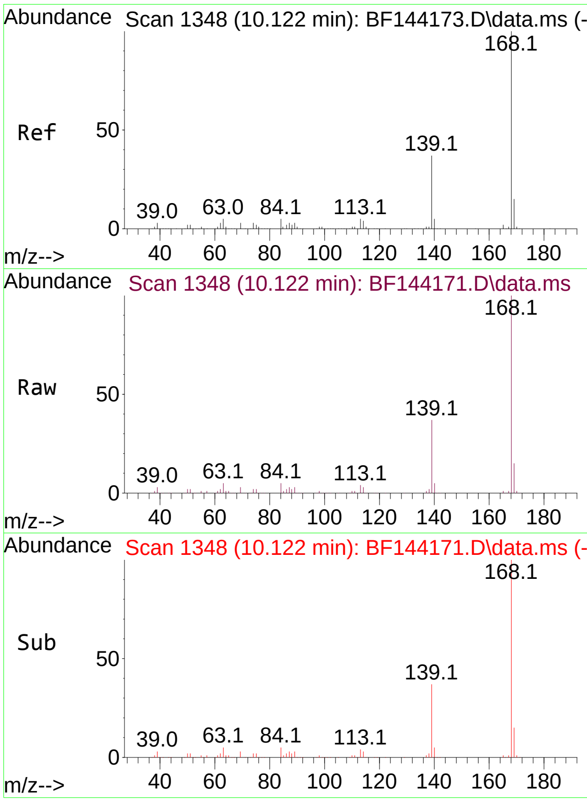



```
#54
2,4-Dinitrophenol
Concen:   12.447 ng
RT:   9.981 min  Scan# 1324
Delta R.T.  -0.006 min
Lab File:   BF144171.D
Acq: 05 Nov 2025  13:50

Tgt Ion:184 Resp:   26319
Ion  Ratio  Lower  Upper
184  100
 63   58.3   44.0   66.0
154   51.9   42.4   63.6
```



ICAL Form

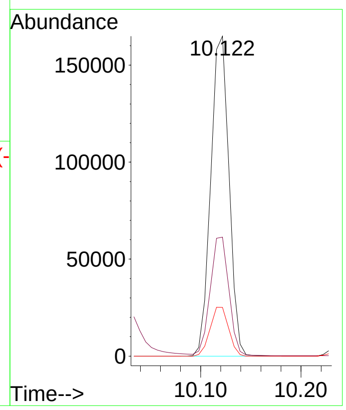


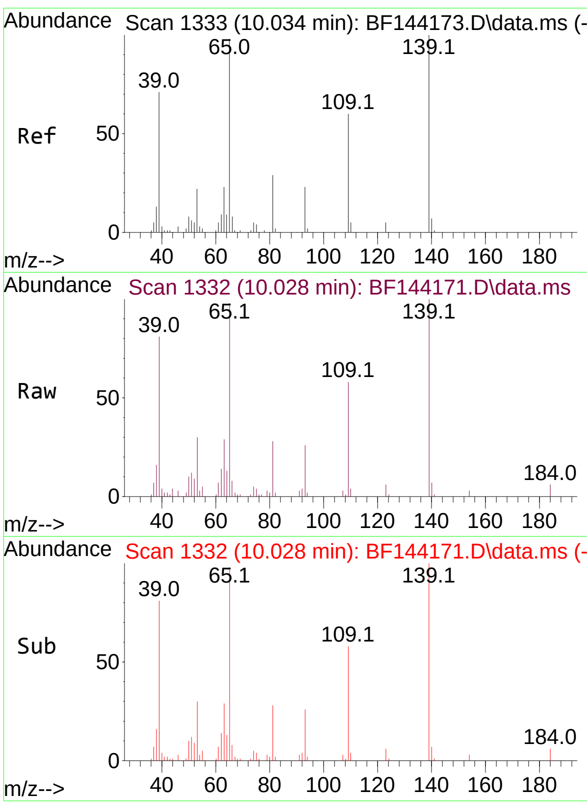
#55
Dibenzofuran
Concen: 10.530 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 208943

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.2	45.2
169	15.2	12.2	18.4

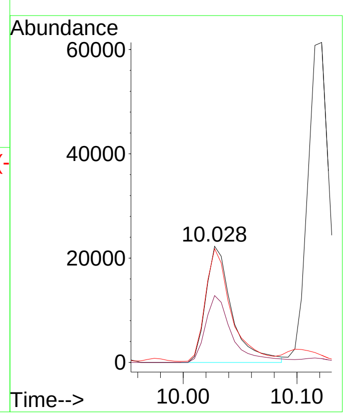




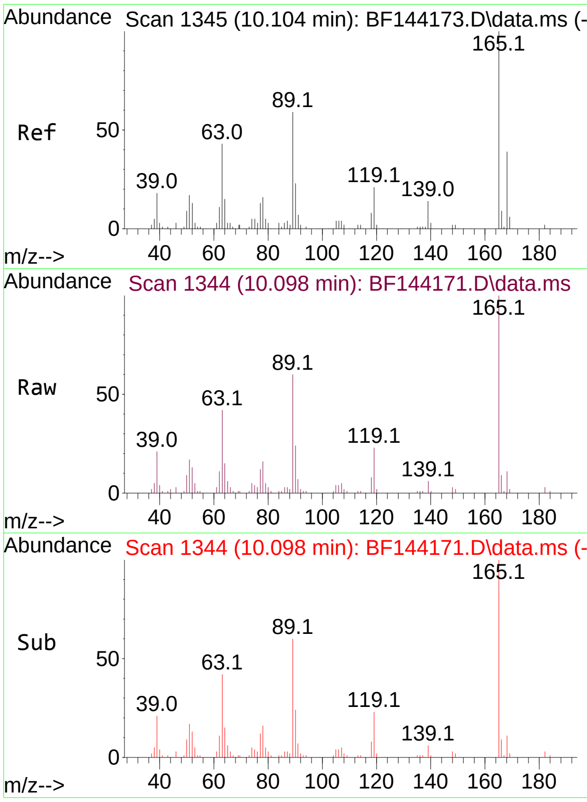
#56
4-Nitrophenol
Concen: 12.867 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:139 Resp: 35627

Ion	Ratio	Lower	Upper
139	100		
109	57.6	39.9	79.9
65	98.0	79.5	119.5



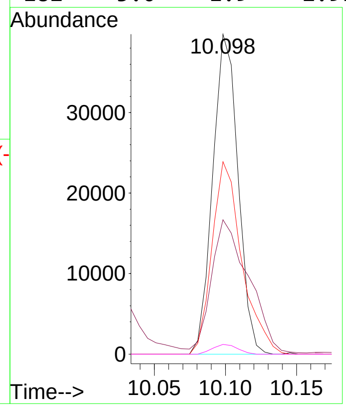
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

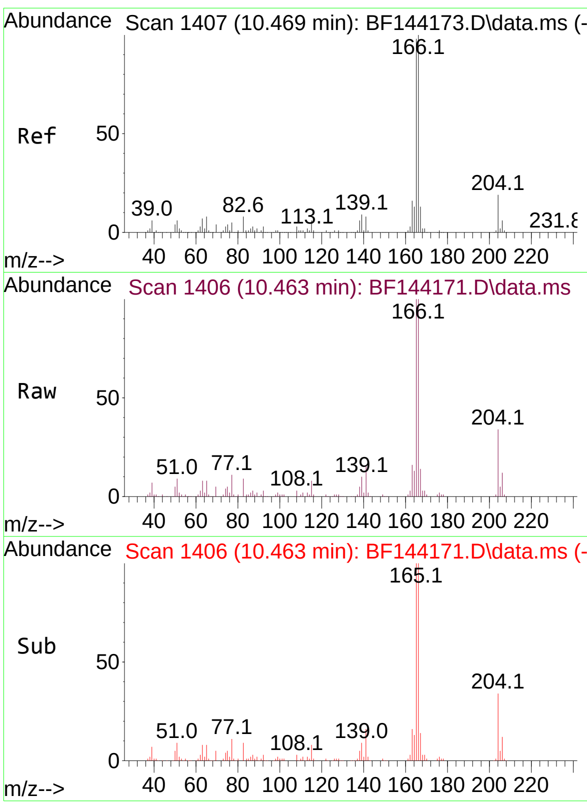


#57
2,4-Dinitrotoluene
Concen: 10.508 ng
RT: 10.098 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:165 Resp: 49257

Ion	Ratio	Lower	Upper
165	100		
63	42.0	35.5	53.3
89	60.1	47.4	71.2
182	3.0	1.9	2.9#

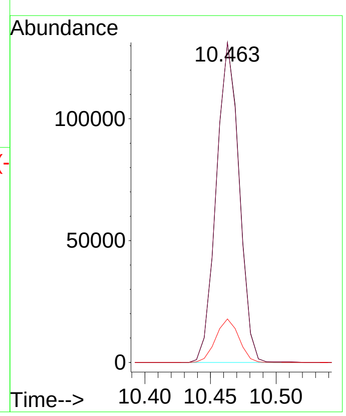




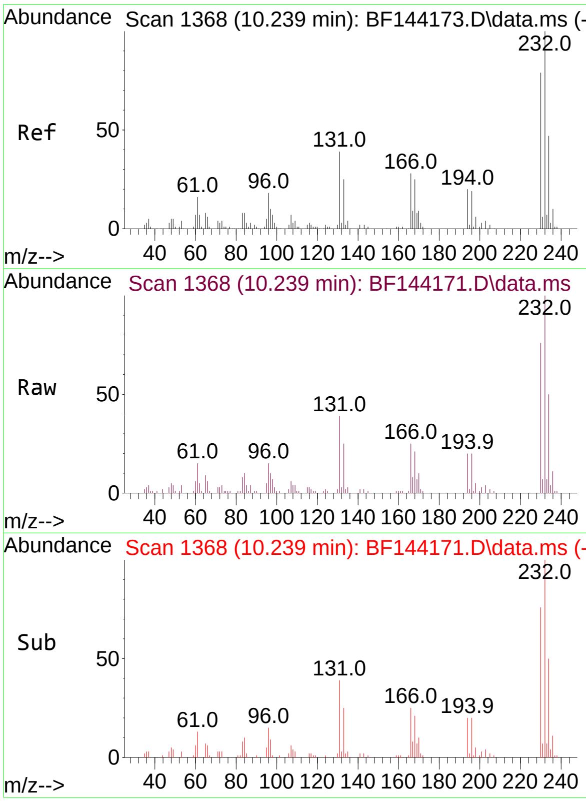
#58
Fluorene
Concen: 10.581 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:166 Resp: 159623

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.6	118.0
167	13.6	10.4	15.6



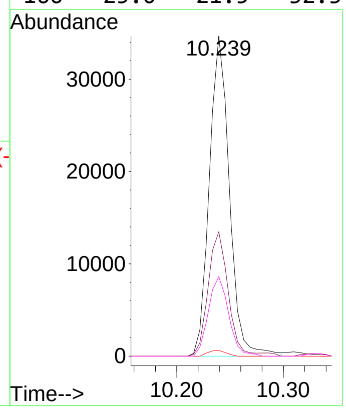
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

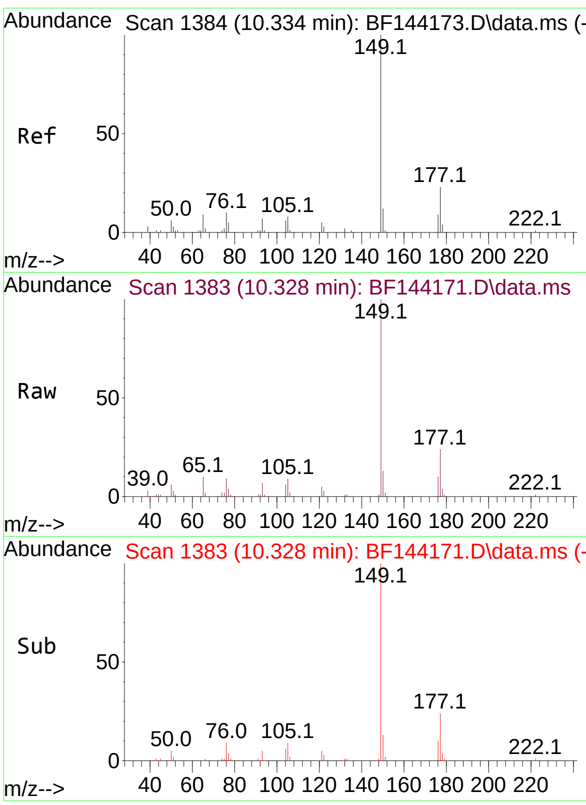


#59
2,3,4,6-Tetrachlorophenol
Concen: 10.207 ng
RT: 10.239 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:232 Resp: 45333

Ion	Ratio	Lower	Upper
232	100		
131	39.1	30.3	45.5
130	1.6	1.2	1.8
166	25.0	21.5	32.3

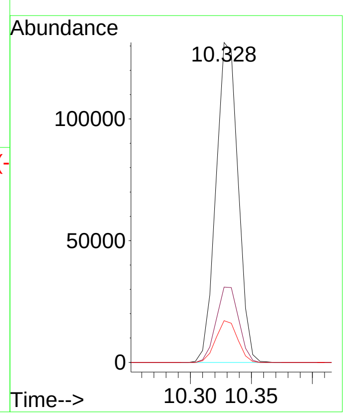




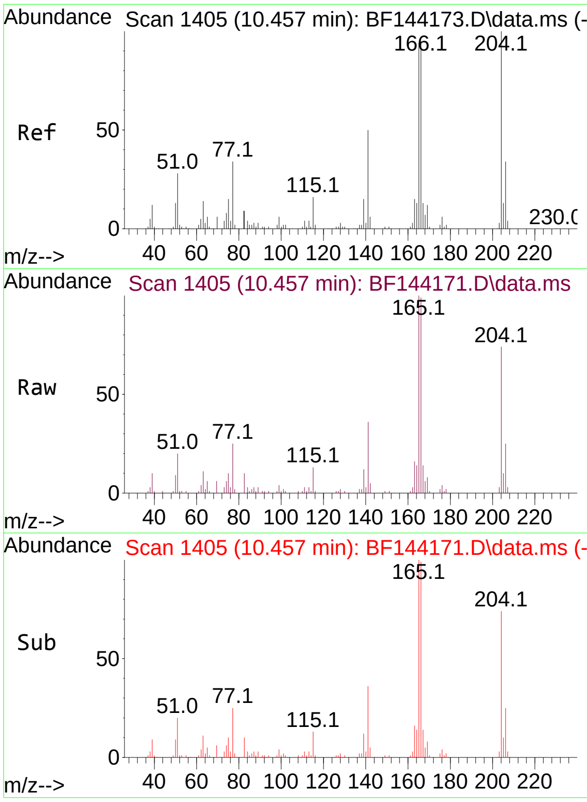
#60
Diethylphthalate
Concen: 10.426 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:149 Resp: 166246

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	13.0	9.8	14.6



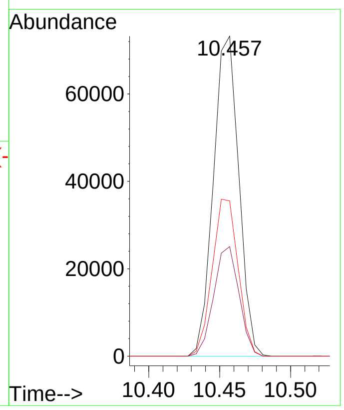
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

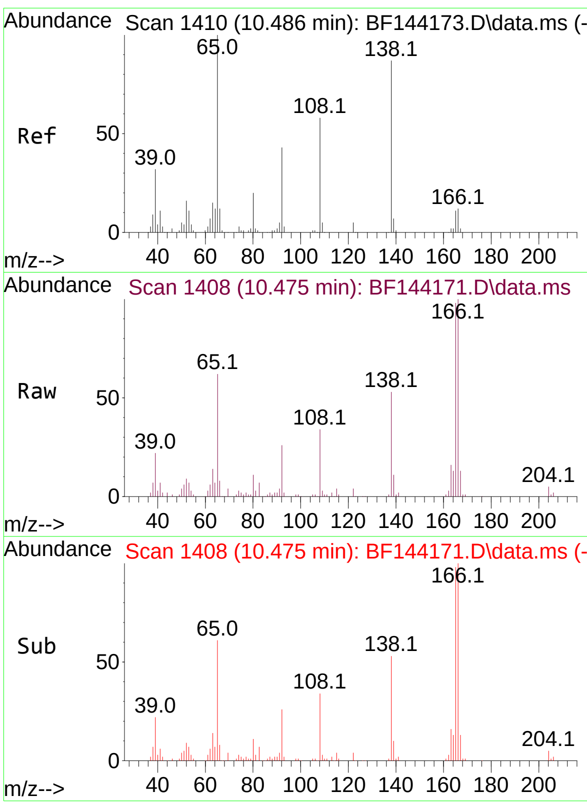


#61
4-Chlorophenyl-phenylether
Concen: 10.645 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:204 Resp: 91478

Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.4	41.2
141	48.5	40.0	60.0

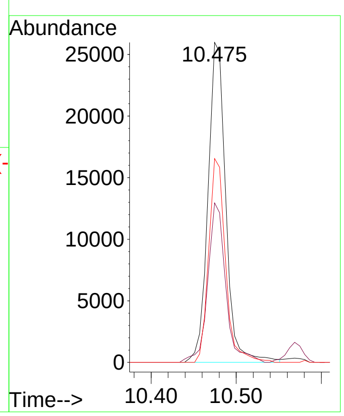


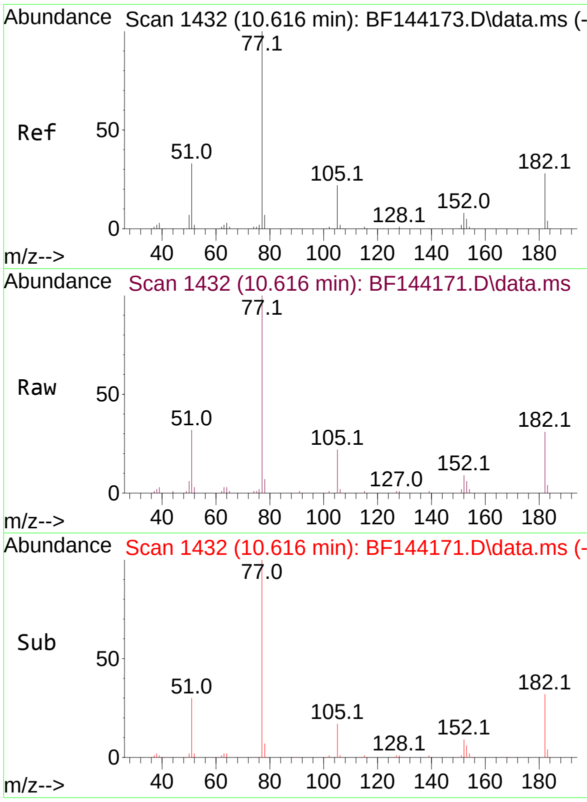


#62
4-Nitroaniline
Concen: 10.375 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:138 Resp: 37821

Ion	Ratio	Lower	Upper
138	100		
92	49.8	29.4	69.4
108	63.7	46.4	86.4



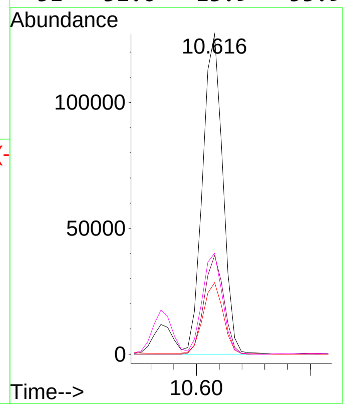


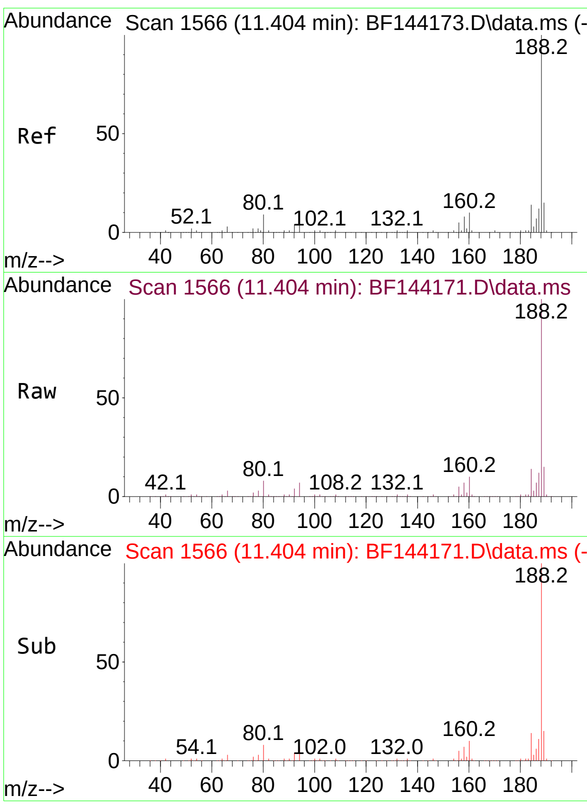
#63
Azobenzene
Concen: 10.586 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 157098

Ion	Ratio	Lower	Upper
77	100		
182	30.8	8.1	48.1
105	22.3	2.0	42.0
51	31.6	13.9	53.9

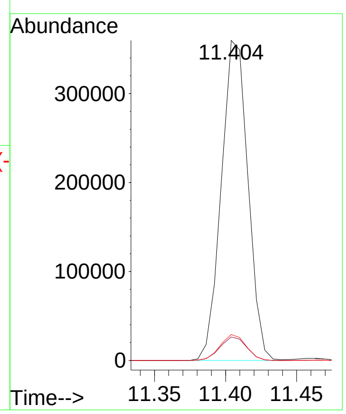




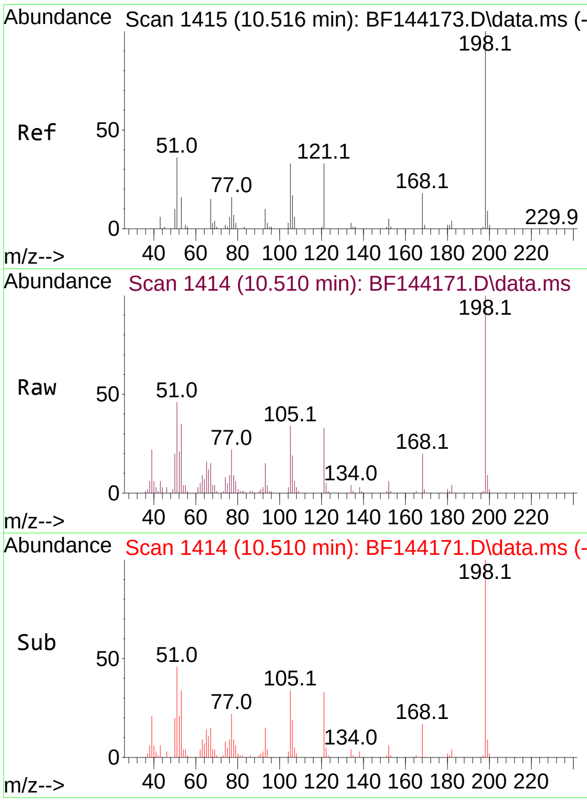
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:188 Resp: 469428

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.2
80	8.1	6.9	10.3



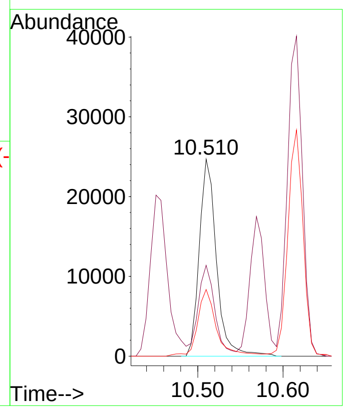
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

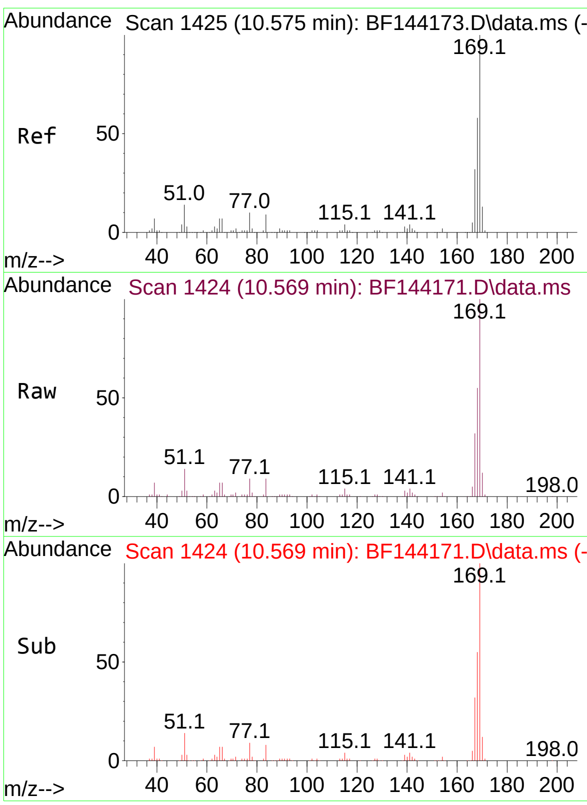


#65
4,6-Dinitro-2-methylphenol
Concen: 10.823 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:198 Resp: 34516

Ion	Ratio	Lower	Upper
198	100		
51	46.1	25.6	65.6
105	33.8	14.6	54.6

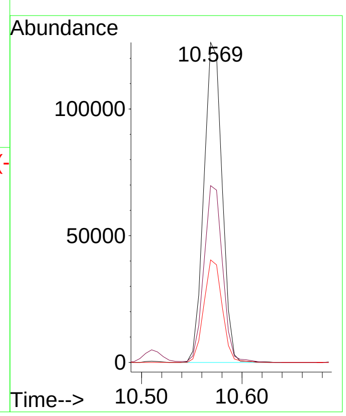




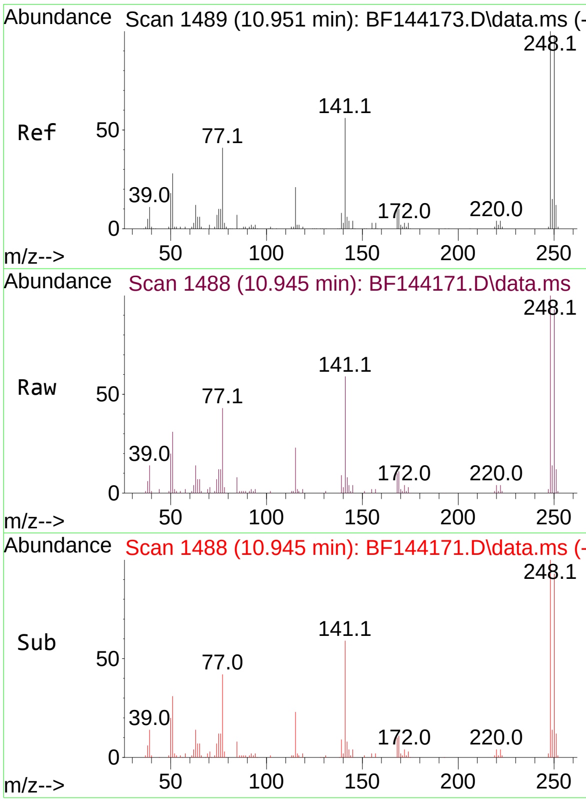
#66
n-Nitrosodiphenylamine
Concen: 10.509 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:169 Resp: 158661

Ion	Ratio	Lower	Upper
169	100		
168	55.2	46.2	69.2
167	32.0	25.7	38.5



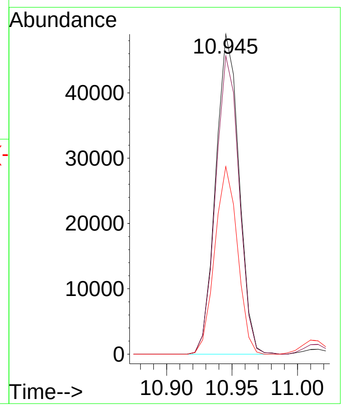
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

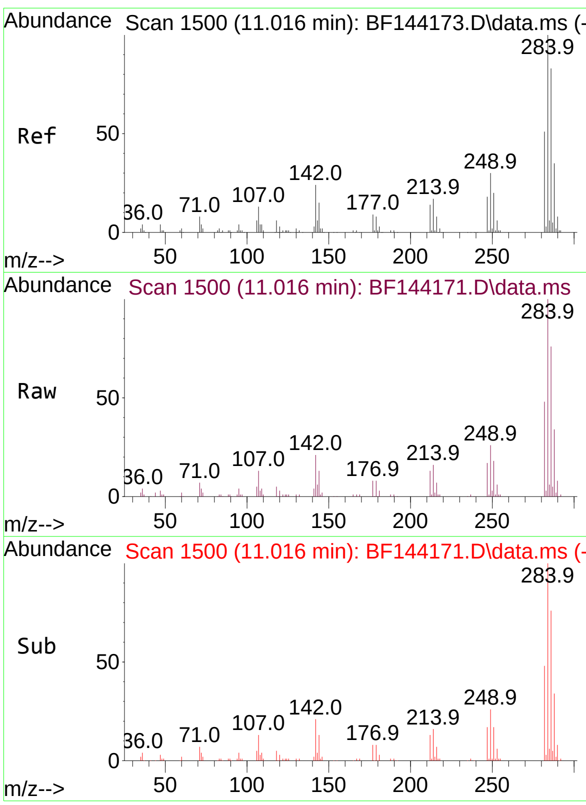


#67
4-Bromophenyl-phenylether
Concen: 10.169 ng
RT: 10.945 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:248 Resp: 60929

Ion	Ratio	Lower	Upper
248	100		
250	93.2	78.4	117.6
141	58.6	45.1	67.7

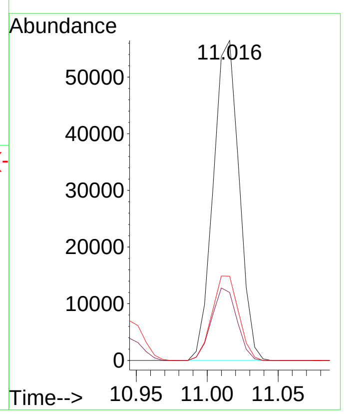




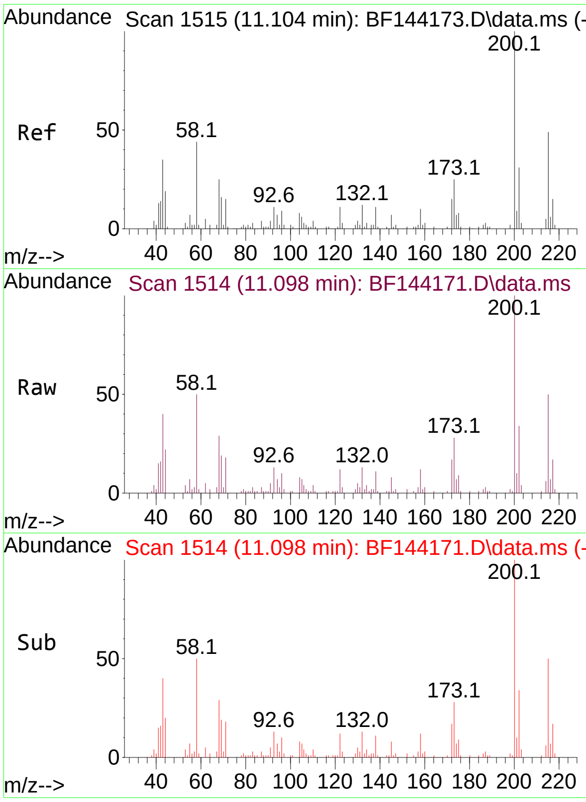
#68
Hexachlorobenzene
Concen: 10.168 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:284 Resp: 71759

Ion	Ratio	Lower	Upper
284	100		
142	21.2	19.2	28.8
249	26.3	23.8	35.8



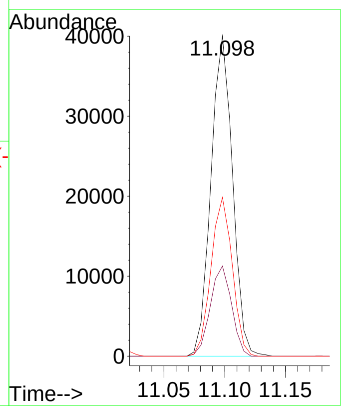
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

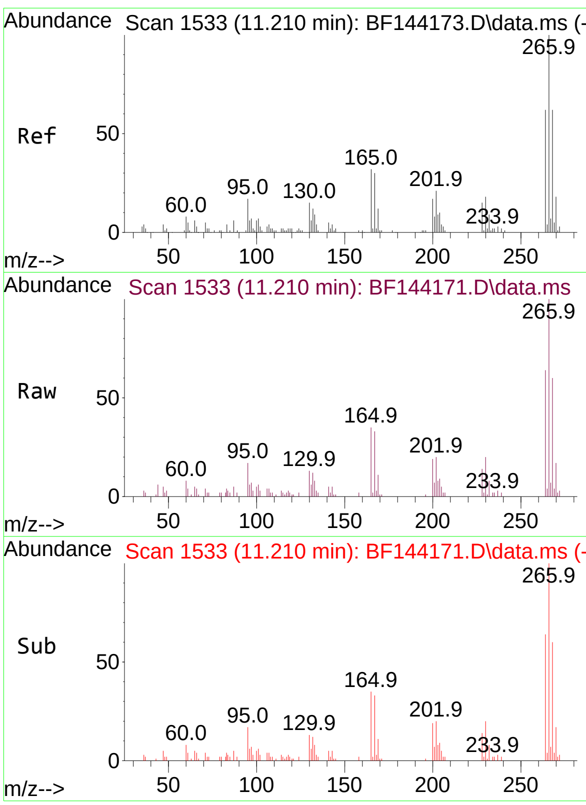


#69
Atrazine
Concen: 10.302 ng
RT: 11.098 min   Scan# 1
Delta R.T.   -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025   13:50

Tgt Ion:200 Resp: 49466

Ion	Ratio	Lower	Upper
200	100		
173	28.1	5.0	45.0
215	49.6	28.7	68.7

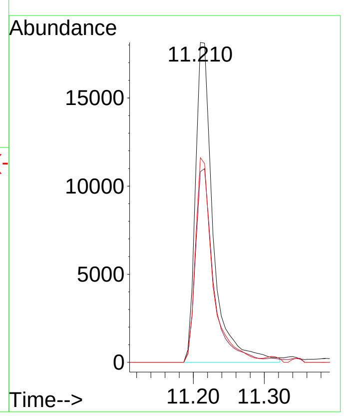




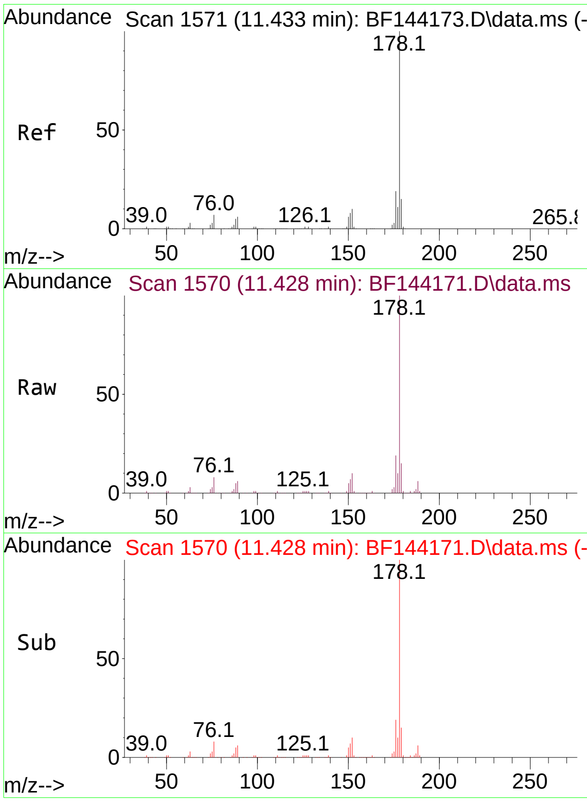
#70
Pentachlorophenol
Concen: 9.012 ng
RT: 11.210 min   Scan# 1533
Delta R.T.   -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025   13:50

Tgt Ion:266 Resp: 31673

Ion	Ratio	Lower	Upper
266	100		
268	59.6	49.5	74.3
264	64.0	49.4	74.2



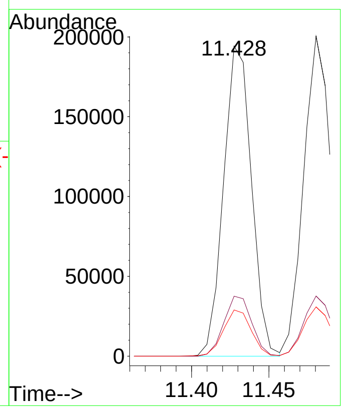
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

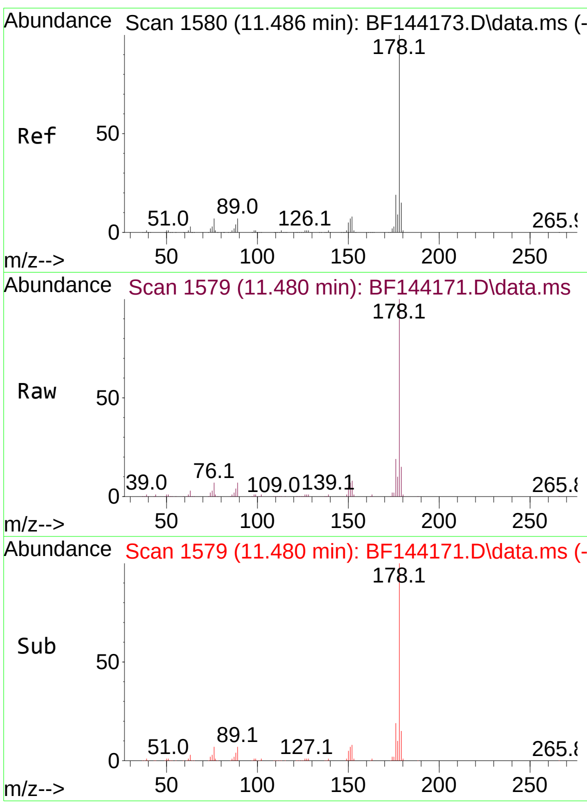


#71
Phenanthrene
Concen: 10.460 ng
RT: 11.428 min Scan# 15
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:178 Resp: 244478

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	14.9	12.2	18.4

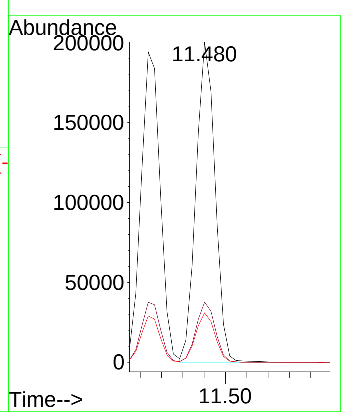




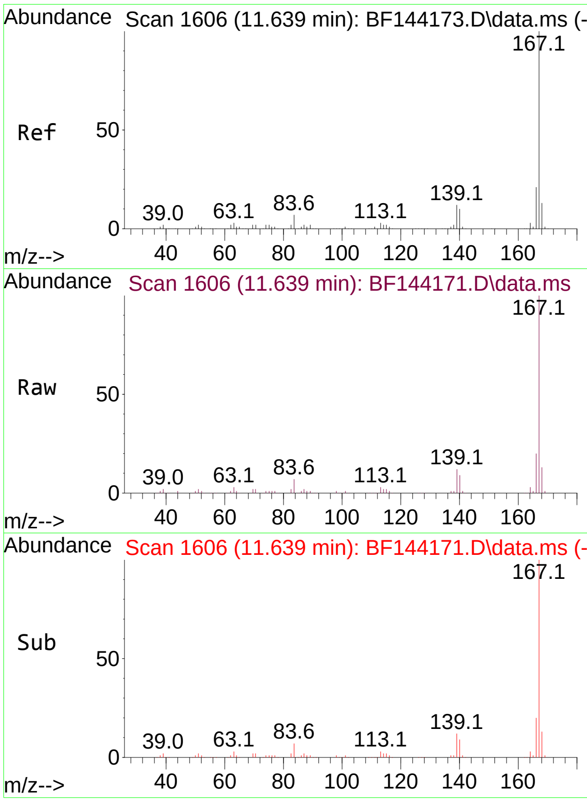
#72
Anthracene
Concen: 10.457 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:178 Resp: 248511

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.4	12.0	18.0



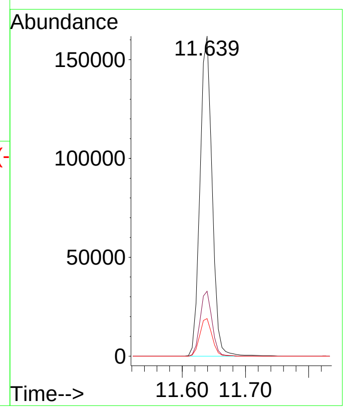
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

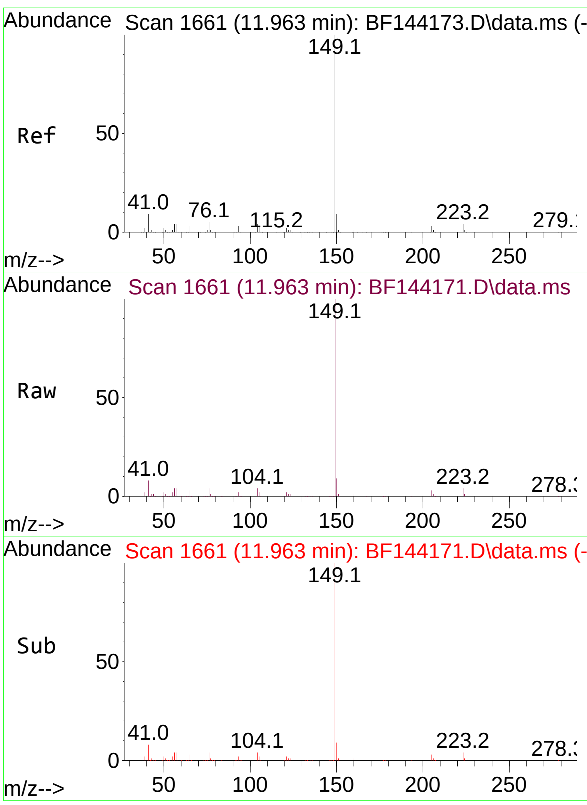


#73
Carbazole
Concen: 10.652 ng
RT: 11.639 min Scan# 16
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:167 Resp: 215269

Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.2	25.8
139	11.7	9.9	14.9

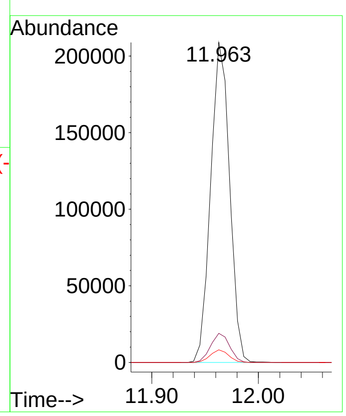


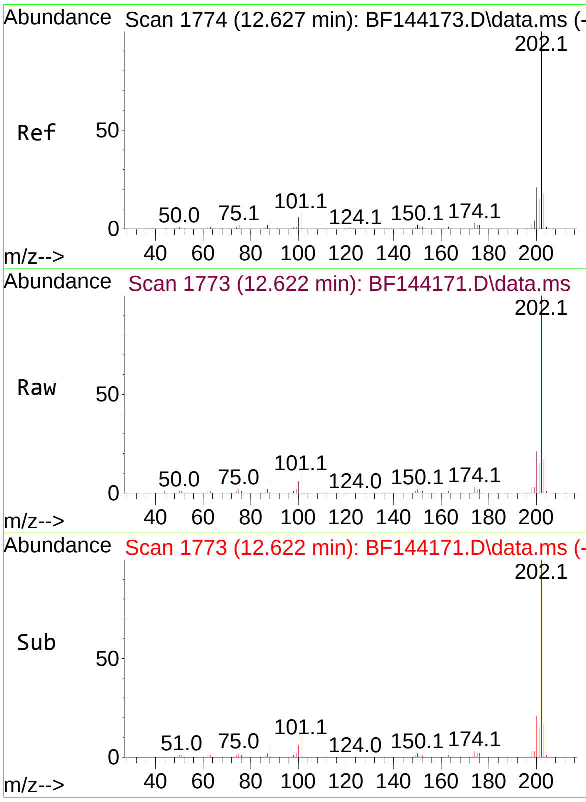


#74
Di-n-butylphthalate
Concen: 10.580 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:149 Resp: 258464

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	3.9	3.4	5.2



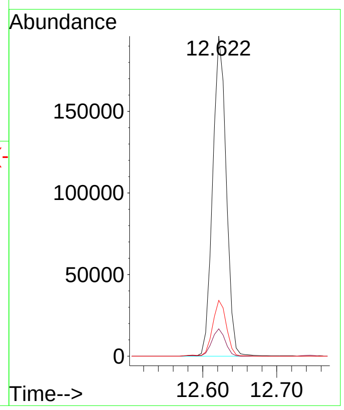


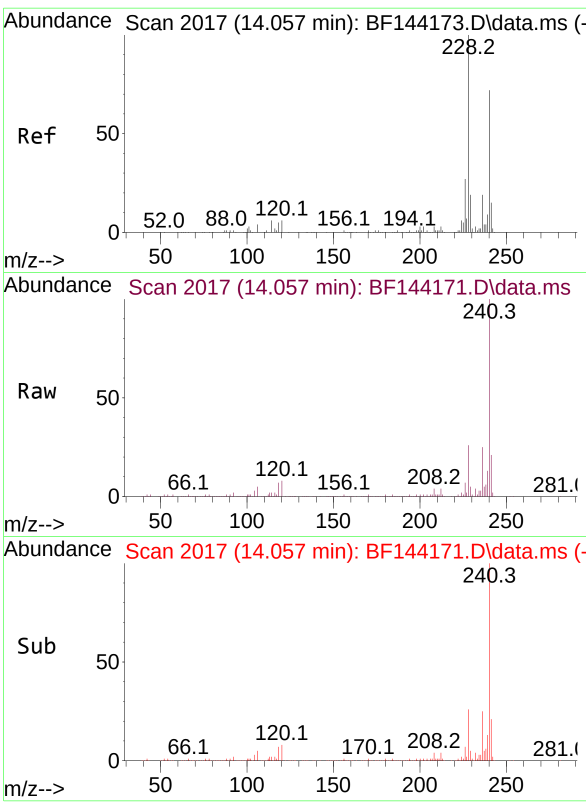
#75
Fluoranthene
Concen: 10.359 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 250112

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	27.9
203	17.4	0.0	37.5

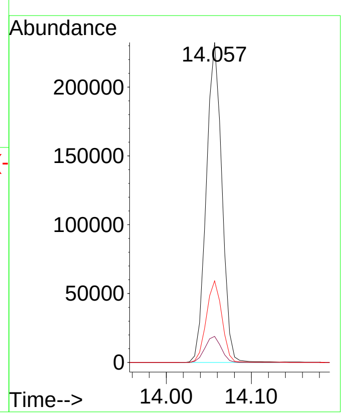




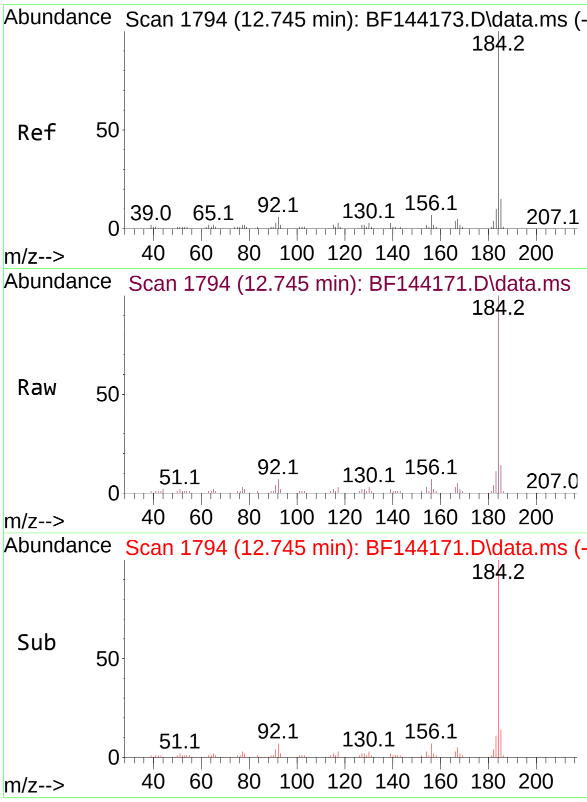
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:240 Resp: 296506

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.6	10.0
236	25.5	21.4	32.2



ICAL Form

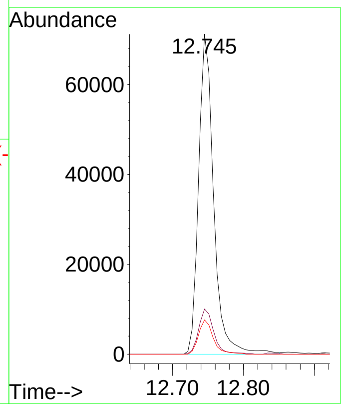


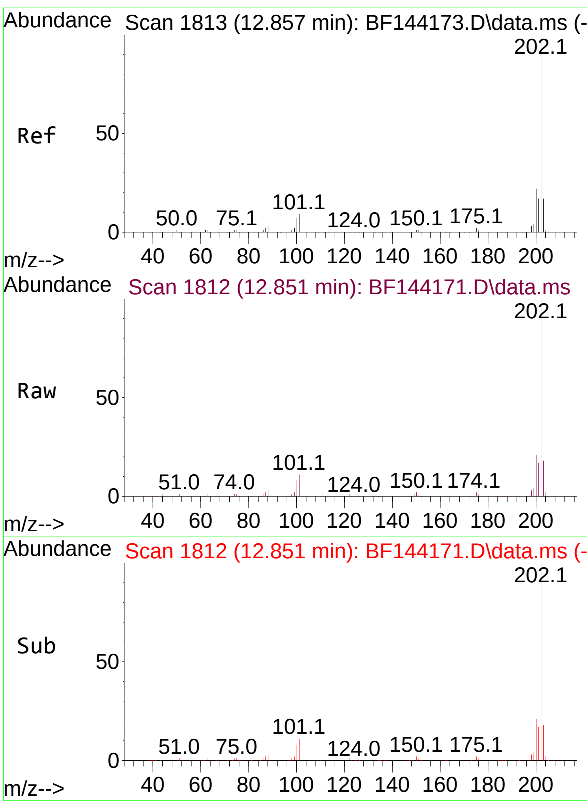
#77
Benzidine
Concen: 11.958 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 104876

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.7	17.5
183	10.7	8.3	12.5

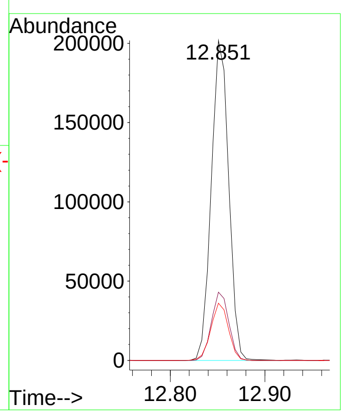




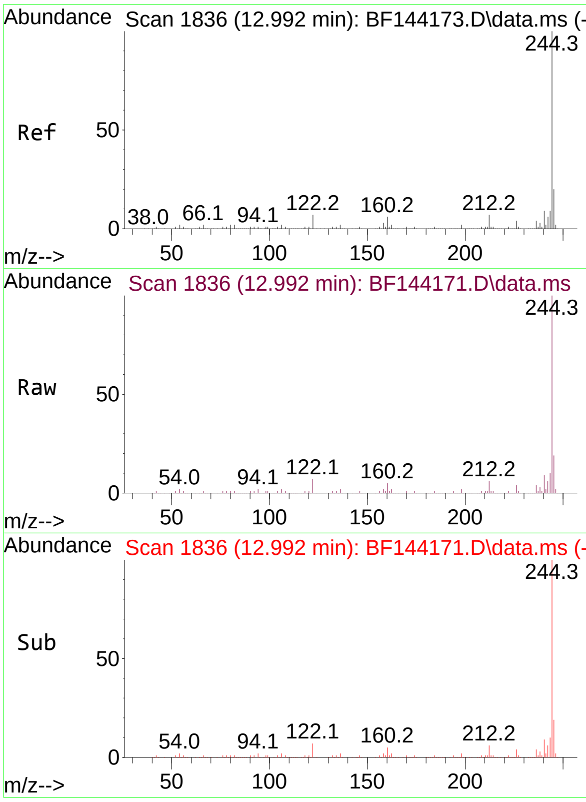
#78
Pyrene
Concen: 10.823 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:202 Resp: 258743

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.9	13.7	20.5



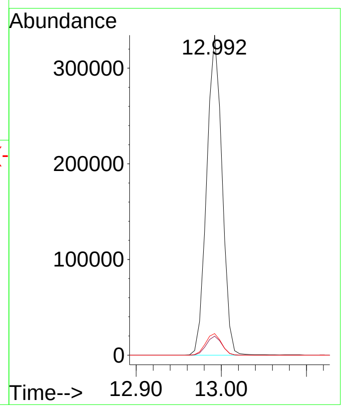
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

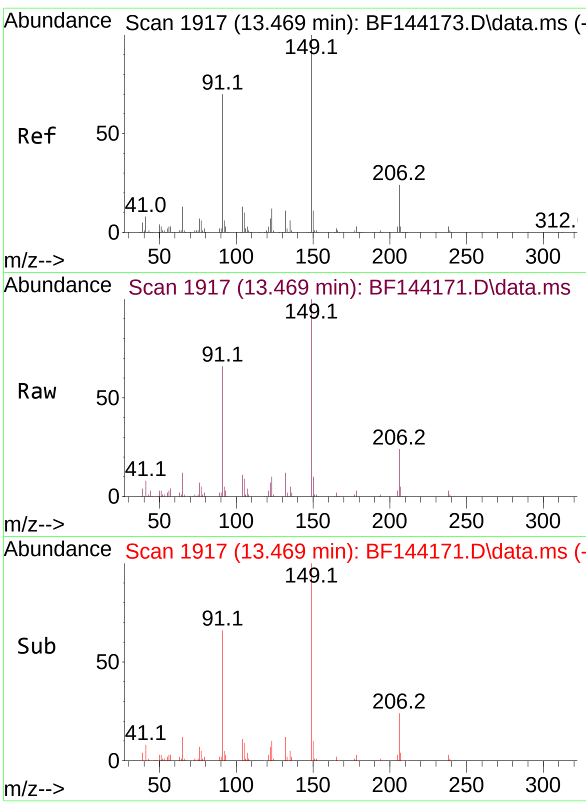


#79
Terphenyl-d14
Concen: 22.476 ng
RT: 12.992 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:244 Resp: 419548

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.3	7.9
122	6.8	5.6	8.4

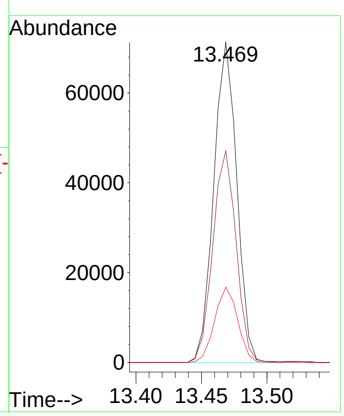




#80
Butylbenzylphthalate
Concen: 10.556 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

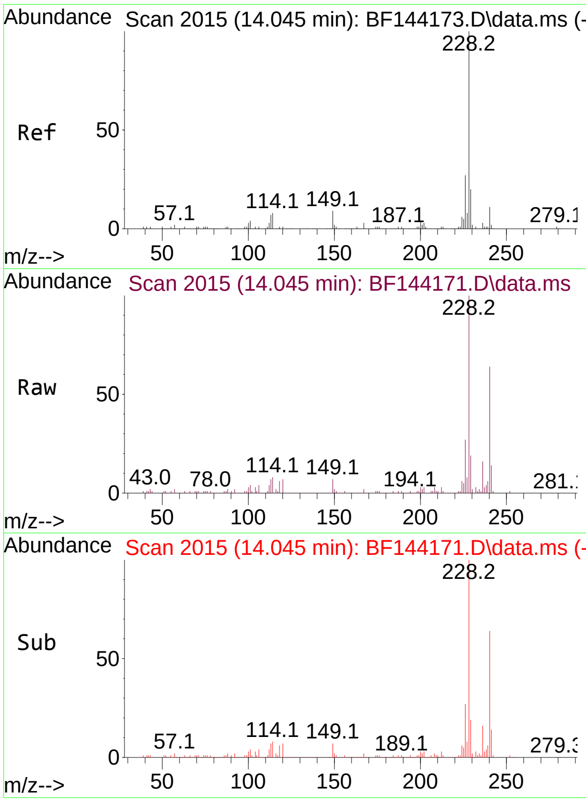
Tgt Ion:149 Resp: 87462

Ion	Ratio	Lower	Upper
149	100		
91	66.1	56.1	84.1
206	23.6	18.8	28.2



ICAL Form

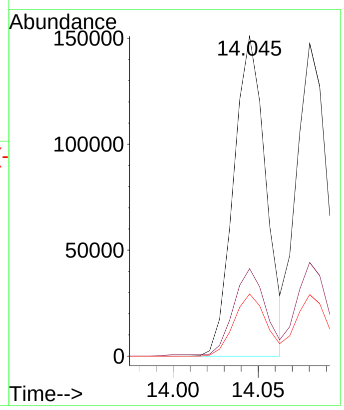
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

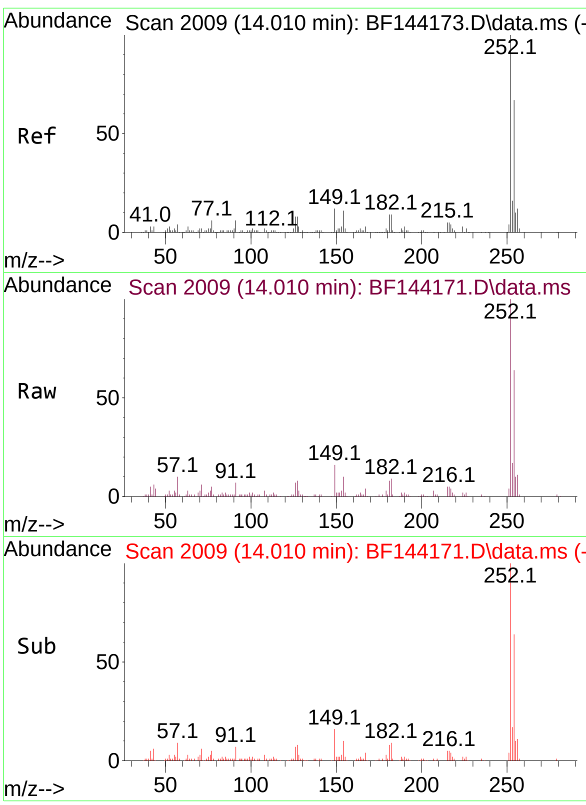


#81
Benzo(a)anthracene
Concen: 9.664 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:228 Resp: 198590

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.4	15.8	23.6

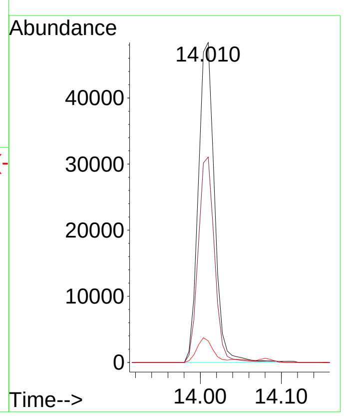




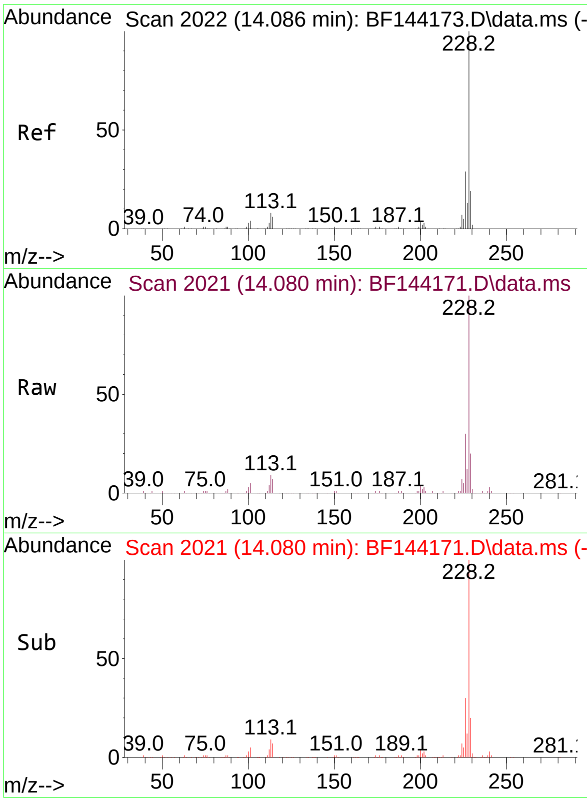
#82
3,3'-Dichlorobenzidine
Concen: 9.535 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:252 Resp: 67166

Ion	Ratio	Lower	Upper
252	100		
254	64.2	53.5	80.3
126	6.7	6.4	9.6



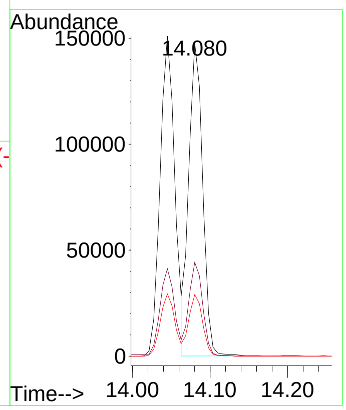
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

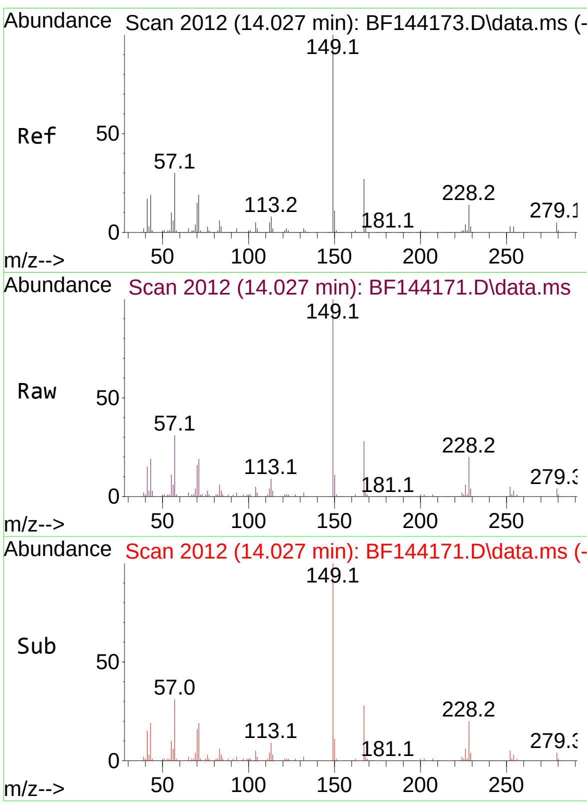


#83
Chrysene
Concen: 9.731 ng
RT: 14.080 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:228 Resp: 184604

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.9	34.3
229	19.7	15.0	22.6

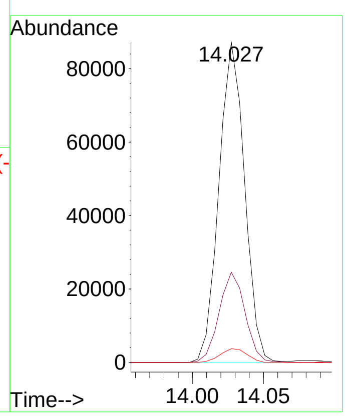




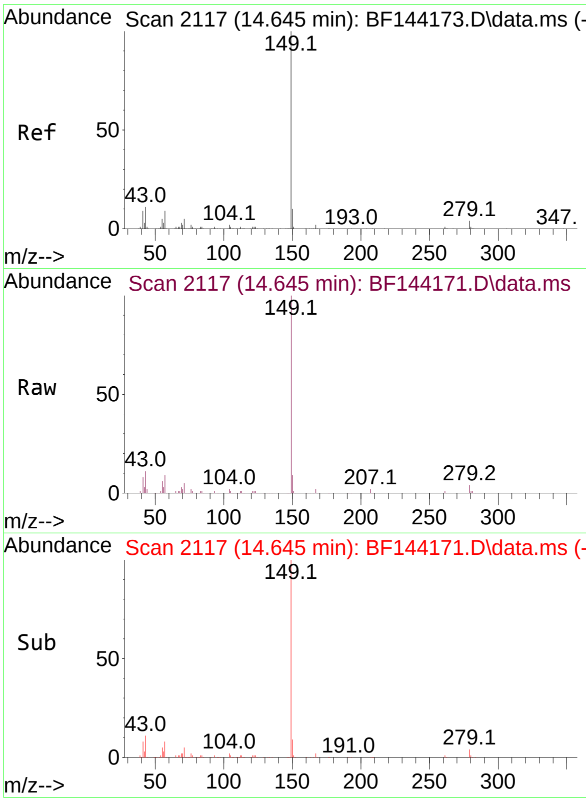
#84
Bis(2-ethylhexyl)phthalate
Concen: 9.662 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:149 Resp: 109593

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.8
279	4.3	3.7	5.5

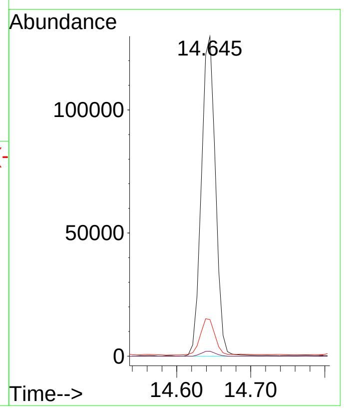


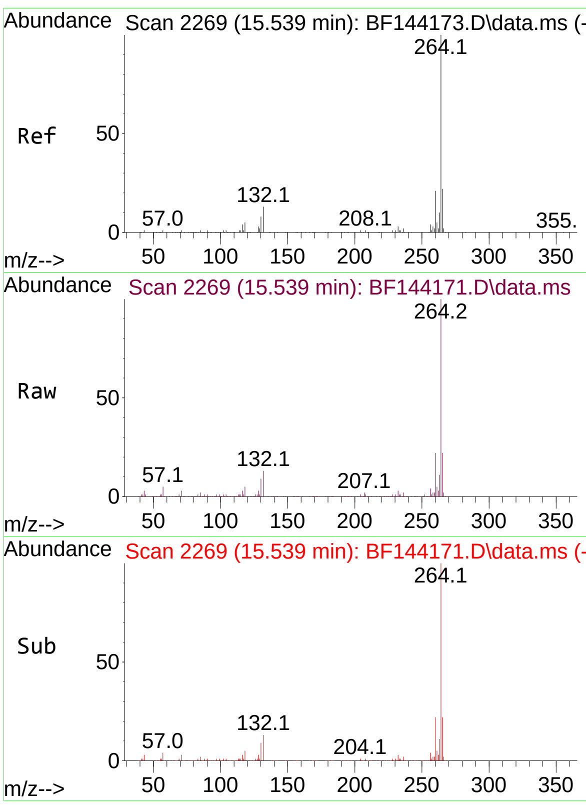
Instrument :
BNA_F
ClientSampleId :
SSTDICC010




```
#85
Di-n-octyl phthalate
Concen:     8.811 ng
RT:  14.645 min  Scan# 2
Delta R.T.  0.000 min
Lab File:   BF144171.D
Acq: 05 Nov 2025  13:50

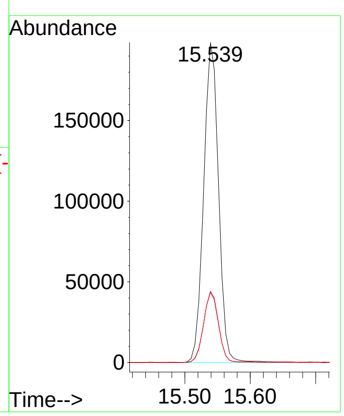
Tgt Ion:149 Resp:  172428
Ion  Ratio  Lower  Upper
149  100
167    1.5    1.2    1.8
 43   11.7    9.0   13.4
```



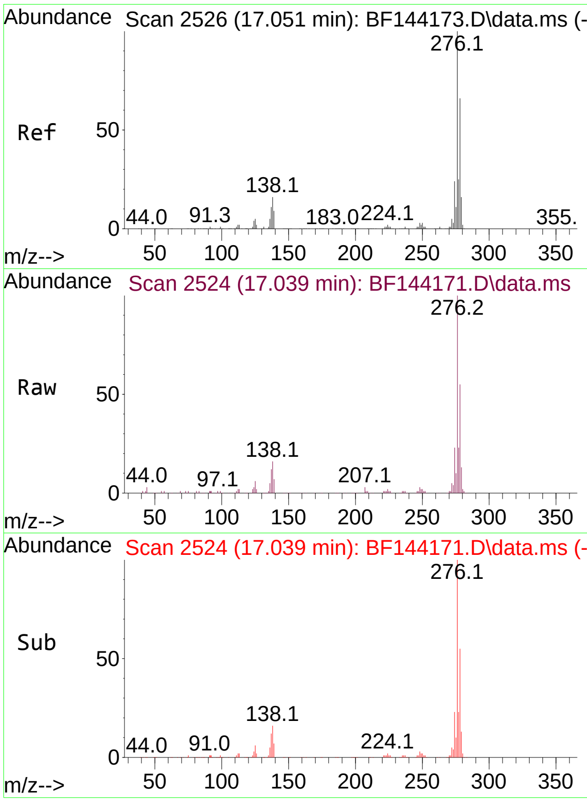



```
#86
Perylene-d12
Concen:   20.000 ng
RT:  15.539 min  Scan# 2269
Delta R.T.  -0.006 min
Lab File:   BF144171.D
Acq: 05 Nov 2025  13:50

Tgt Ion:264 Resp:  311371
Ion  Ratio  Lower  Upper
264  100
260   21.9   17.1   25.7
265   22.2   17.4   26.0
```



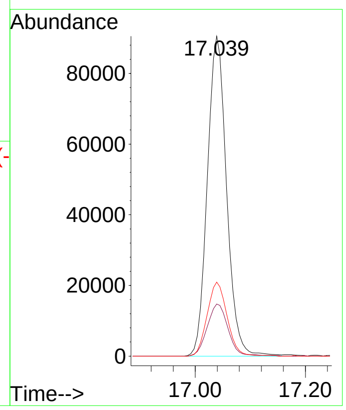
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

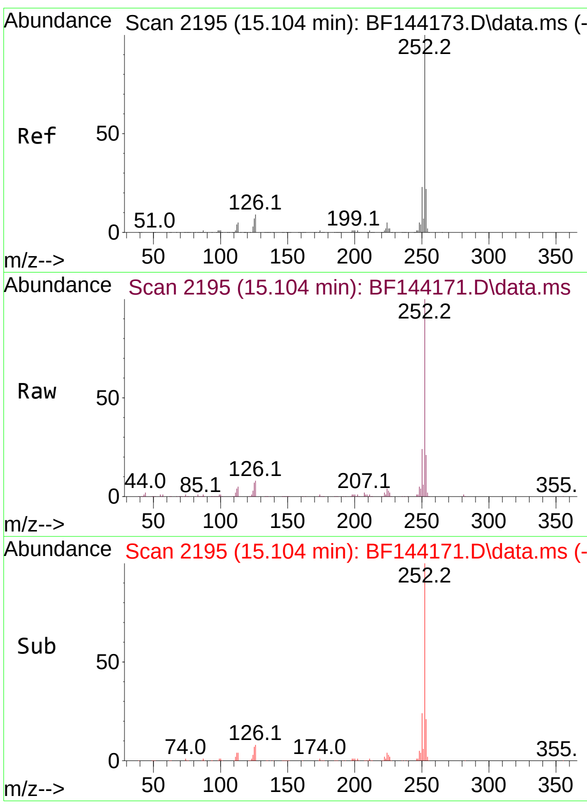


#87
Indeno(1,2,3-cd)pyrene
Concen: 9.831 ng
RT: 17.039 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:276 Resp: 219736

Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.9	20.9
277	23.8	19.8	29.6

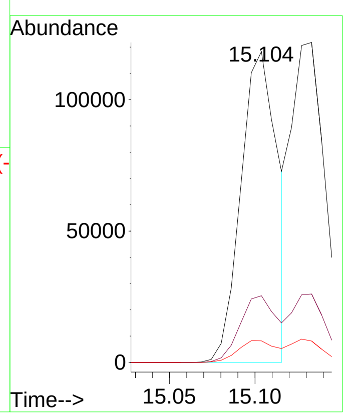




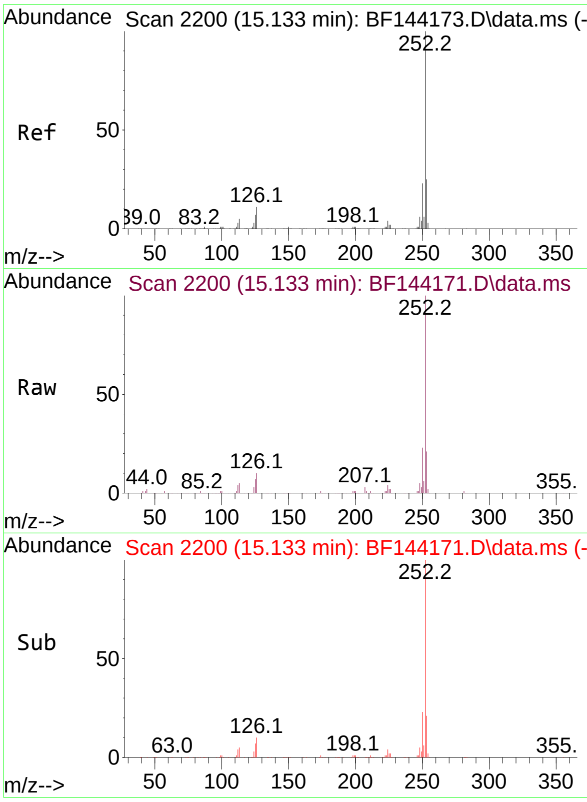
#88
Benzo(b)fluoranthene
Concen: 9.963 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:252 Resp: 176369

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	6.9	5.3	7.9



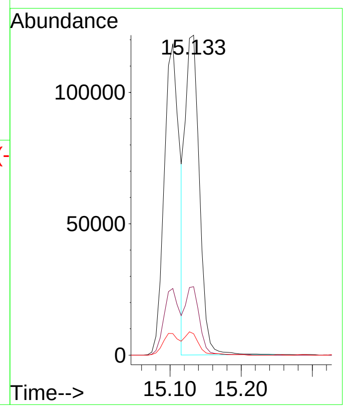
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

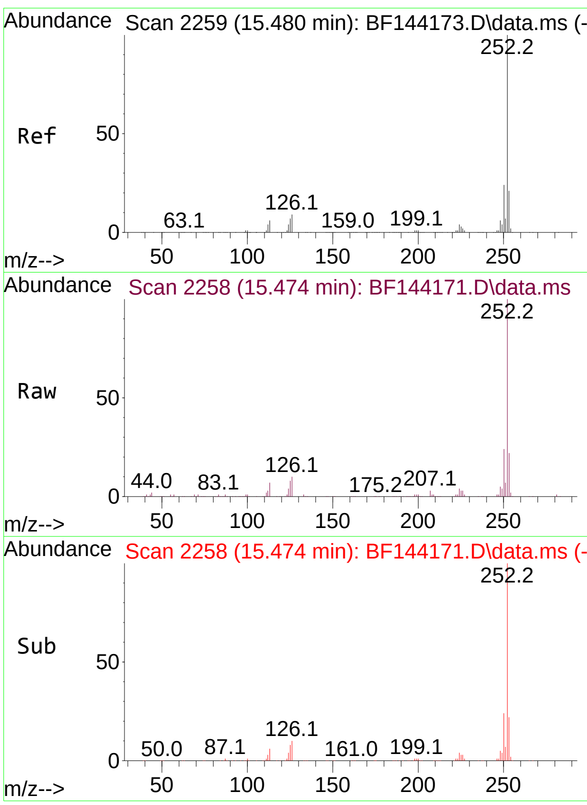


#89
Benzo(k)fluoranthene
Concen: 10.283 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:252 Resp: 170386

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	6.7	5.4	8.2

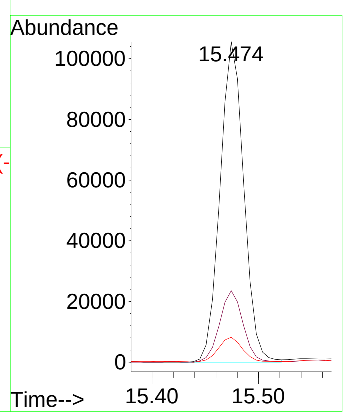




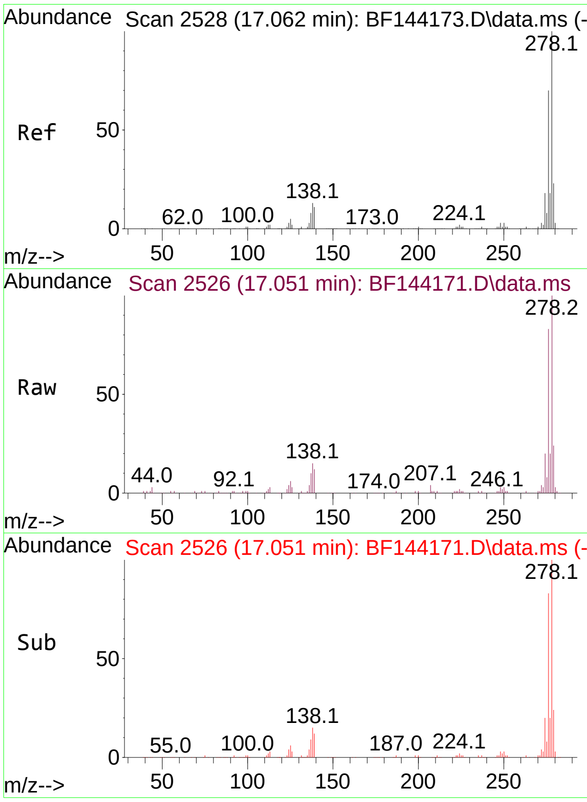
#90
Benzo(a)pyrene
Concen: 10.013 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:252 Resp: 163529

Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.7	25.1
125	7.8	5.7	8.5



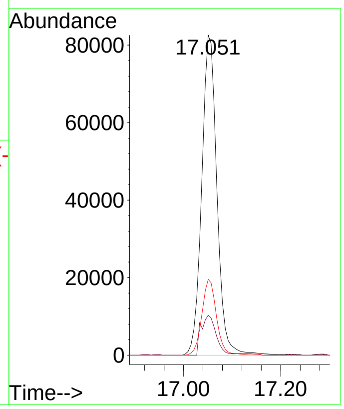
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

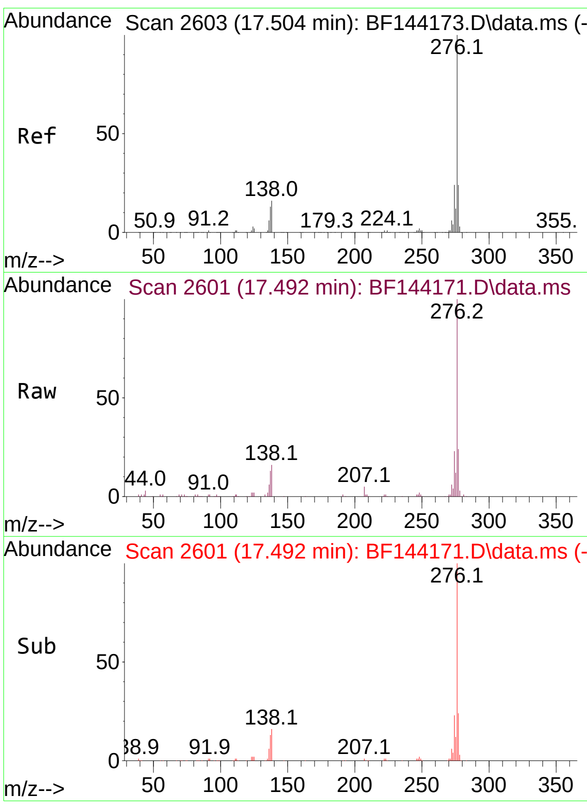


#91
Dibenzo(a,h)anthracene
Concen: 10.016 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:278 Resp: 179793

Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.1	13.7
279	23.7	18.2	27.4

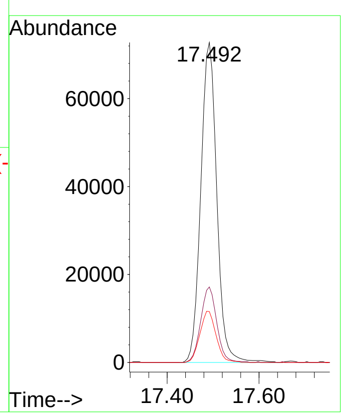




#92
Benzo(g,h,i)perylene
Concen: 9.877 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.029 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:276 Resp: 175090

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	15.9	12.9	19.3



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144172.D
Acq On : 05 Nov 2025 14:20
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Nov 05 17:23:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.875	152	97055	20.000 ng	0.00
21) Naphthalene-d8	8.157	136	380834	20.000 ng	0.00
39) Acenaphthene-d10	9.916	164	220087	20.000 ng	0.00
64) Phenanthrene-d10	11.404	188	388430	20.000 ng	0.00
76) Chrysene-d12	14.057	240	250706	20.000 ng	0.00
86) Perylene-d12	15.539	264	297677	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.487	112	255468	41.191 ng	0.00
7) Phenol-d6	6.498	99	293338	41.742 ng	-0.01
23) Nitrobenzene-d5	7.434	82	265652	40.287 ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	112928	40.889 ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	599169	40.208 ng	0.00
79) Terphenyl-d14	12.992	244	638611	40.461 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.611	88	50319	19.624 ng	99
3) Pyridine	3.387	79	144716	20.230 ng	97
4) n-Nitrosodimethylamine	3.322	42	70474	18.860 ng	99
6) Aniline	6.534	93	205178	20.492 ng	100
8) 2-Chlorophenol	6.657	128	125443	20.624 ng	99
9) Benzaldehyde	6.428	77	88978	22.422 ng	99
10) Phenol	6.516	94	178562	20.797 ng	99
11) bis(2-Chloroethyl)ether	6.604	93	130219	20.814 ng	98
12) 1,3-Dichlorobenzene	6.816	146	153679	20.476 ng	97
13) 1,4-Dichlorobenzene	6.893	146	153656	20.435 ng	99
14) 1,2-Dichlorobenzene	7.046	146	144447	20.042 ng	99
15) Benzyl Alcohol	7.016	79	115331	20.726 ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	242281	21.029 ng	95
17) 2-Methylphenol	7.122	107	97725	20.196 ng	96
18) Hexachloroethane	7.387	117	51648	20.675 ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	96676	20.897 ng	99
20) 3+4-Methylphenols	7.275	107	118666	20.804 ng	94
22) Acetophenone	7.281	105	165374	20.242 ng	97
24) Nitrobenzene	7.457	77	143192	20.000 ng	97
25) Isophorone	7.693	82	254863	20.434 ng	97
26) 2-Nitrophenol	7.775	139	72909	20.572 ng	97
27) 2,4-Dimethylphenol	7.804	122	100827	18.981 ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	157029	20.161 ng	96
29) 2,4-Dichlorophenol	8.016	162	125803	20.548 ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	126402	20.106 ng	96
31) Naphthalene	8.181	128	373973	20.643 ng	99
32) Benzoic acid	7.916	122	83801	21.522 ng	97
33) 4-Chloroaniline	8.228	127	135273	20.474 ng	99
34) Hexachlorobutadiene	8.292	225	95971	20.255 ng	99
35) Caprolactam	8.587	113	35272	21.028 ng	98
36) 4-Chloro-3-methylphenol	8.704	107	115603	21.069 ng	99
37) 2-Methylnaphthalene	8.869	142	253201	20.905 ng	99
38) 1-Methylnaphthalene	8.969	142	240612	20.588 ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	144980	20.100 ng	99
41) Hexachlorocyclopentadiene	9.022	237	31247	18.527 ng	98
43) 2,4,6-Trichlorophenol	9.151	196	98855	20.136 ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144172.D
Acq On : 05 Nov 2025 14:20
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Nov 05 17:23:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	109277	20.653 ng	98
46) 1,1'-Biphenyl	9.334	154	313667	20.417 ng	99
47) 2-Chloronaphthalene	9.357	162	265522	20.262 ng	99
48) 2-Nitroaniline	9.457	65	76785	20.308 ng	97
49) Acenaphthylene	9.775	152	369018	20.664 ng	98
50) Dimethylphthalate	9.628	163	299125	20.516 ng	99
51) 2,6-Dinitrotoluene	9.698	165	59656	20.212 ng	96
52) Acenaphthene	9.945	154	246497	20.641 ng	99
53) 3-Nitroaniline	9.869	138	66539	20.623 ng	98
54) 2,4-Dinitrophenol	9.981	184	36453	20.453 ng	96
55) Dibenzofuran	10.122	168	348955	20.864 ng	98
56) 4-Nitrophenol	10.028	139	44352	19.003 ng	99
57) 2,4-Dinitrotoluene	10.104	165	81812	20.706 ng	98
58) Fluorene	10.463	166	263546	20.725 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	73978	19.762 ng	97
60) Diethylphthalate	10.334	149	276008	20.535 ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	149181	20.595 ng	99
62) 4-Nitroaniline	10.481	138	64484	20.987 ng	97
63) Azobenzene	10.616	77	252025	20.147 ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	53585	20.307 ng	99
66) n-Nitrosodiphenylamine	10.575	169	246642	19.743 ng	99
67) 4-Bromophenyl-phenylether	10.945	248	98958	19.959 ng	98
68) Hexachlorobenzene	11.016	284	118426	20.279 ng	94
69) Atrazine	11.098	200	83639	21.052 ng	98
70) Pentachlorophenol	11.210	266	55766	19.177 ng	99
71) Phenanthrene	11.433	178	382805	19.794 ng	99
72) Anthracene	11.481	178	399043	20.292 ng	98
73) Carbazole	11.639	167	342636	20.490 ng	99
74) Di-n-butylphthalate	11.963	149	418262	20.691 ng	100
75) Fluoranthene	12.622	202	408870	20.466 ng	99
77) Benzidine	12.745	184	130033	17.535 ng	100
78) Pyrene	12.851	202	408920	20.229 ng	99
80) Butylbenzylphthalate	13.469	149	137856	19.677 ng	99
81) Benzo(a)anthracene	14.045	228	333458	19.191 ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	115478	19.389 ng	96
83) Chrysene	14.080	228	320726	19.995 ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	189305	19.738 ng	100
85) Di-n-octyl phthalate	14.645	149	318841	19.268 ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	430691	20.155 ng	99
88) Benzo(b)fluoranthene	15.104	252	331673	19.598 ng	100
89) Benzo(k)fluoranthene	15.133	252	322479	20.358 ng	98
90) Benzo(a)pyrene	15.474	252	314894	20.169 ng	97
91) Dibenzo(a,h)anthracene	17.057	278	349788	20.383 ng	99
92) Benzo(g,h,i)perylene	17.498	276	343144	20.248 ng	99

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

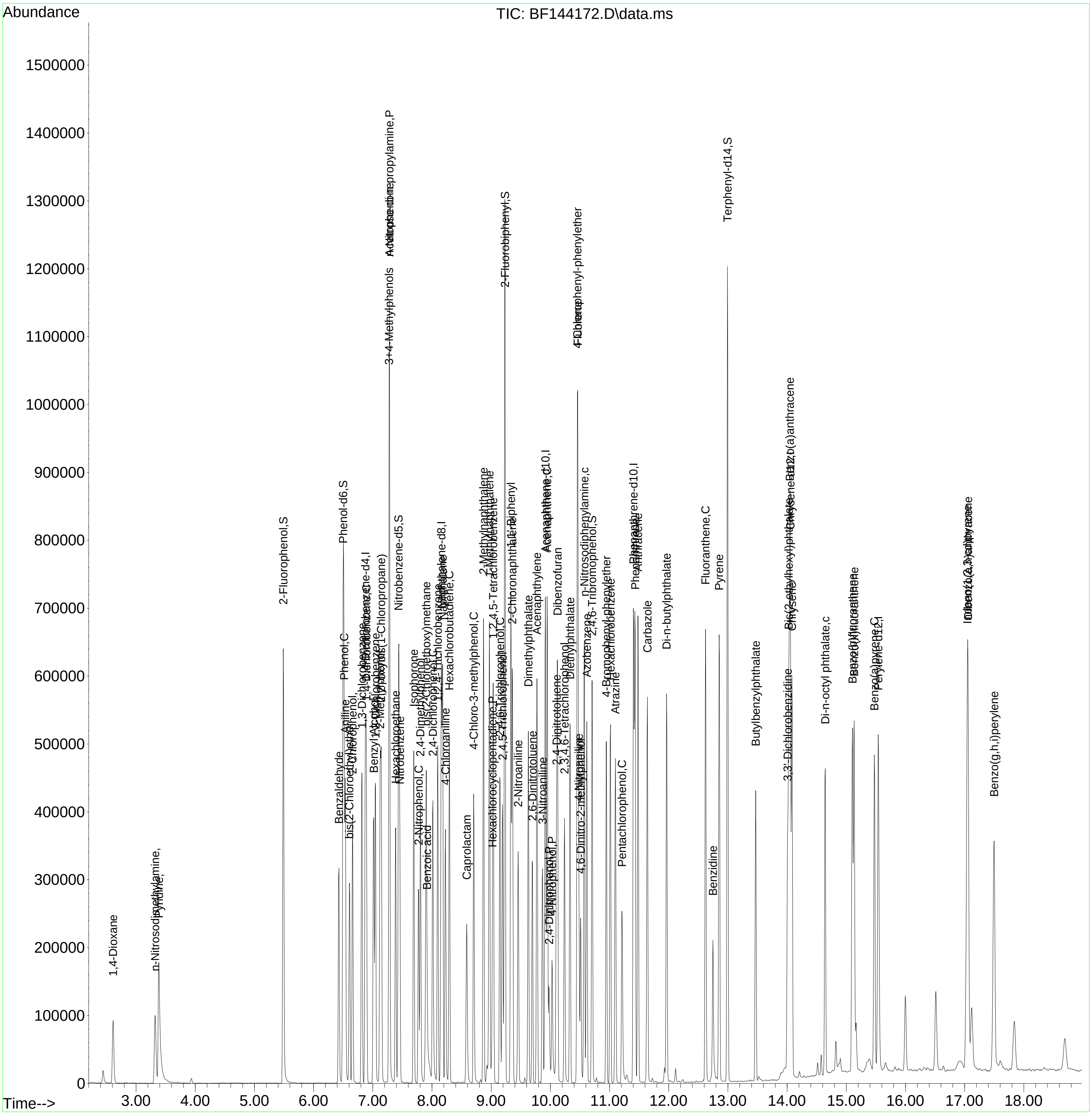
Quantitation Report (QT Reviewed)

ICAL Form

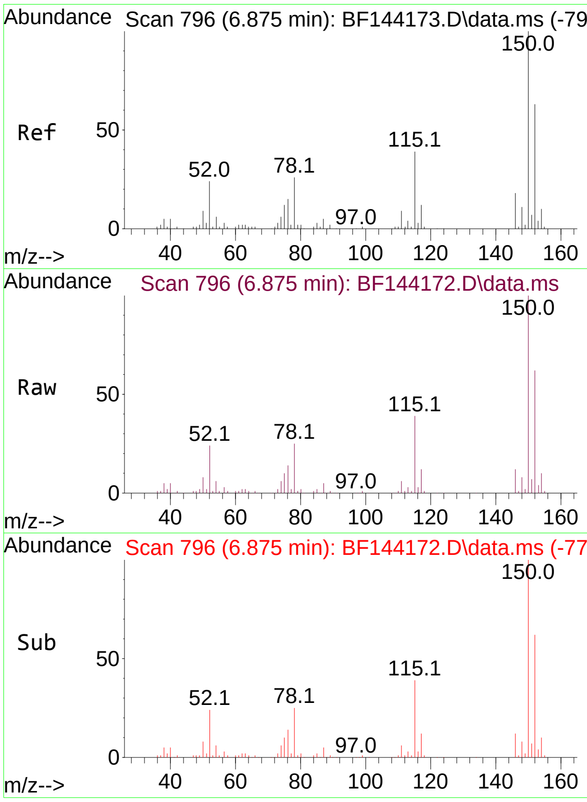
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144172.D
Acq On : 05 Nov 2025 14:20
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Nov 05 17:23:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



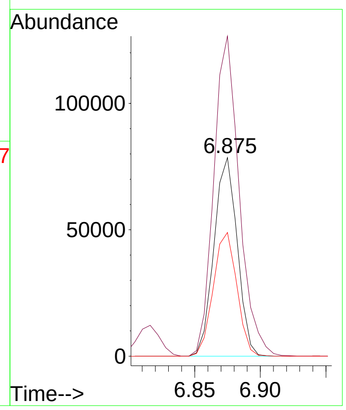
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

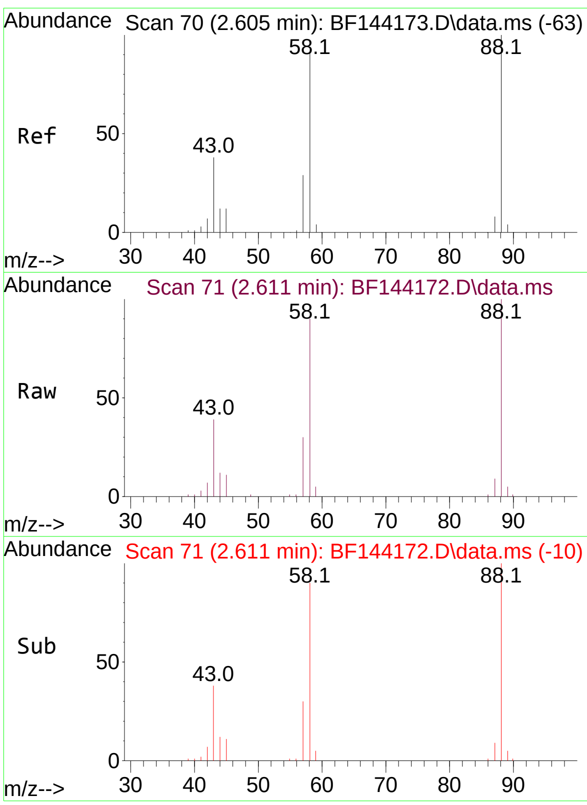


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:152 Resp: 97055

Ion	Ratio	Lower	Upper
152	100		
150	161.2	127.4	191.0
115	62.2	49.5	74.3

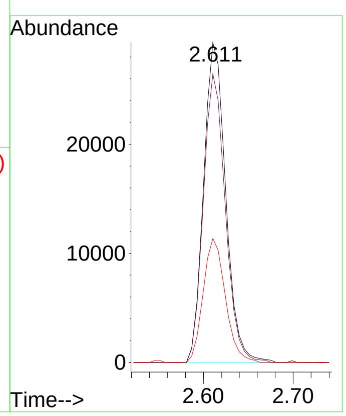




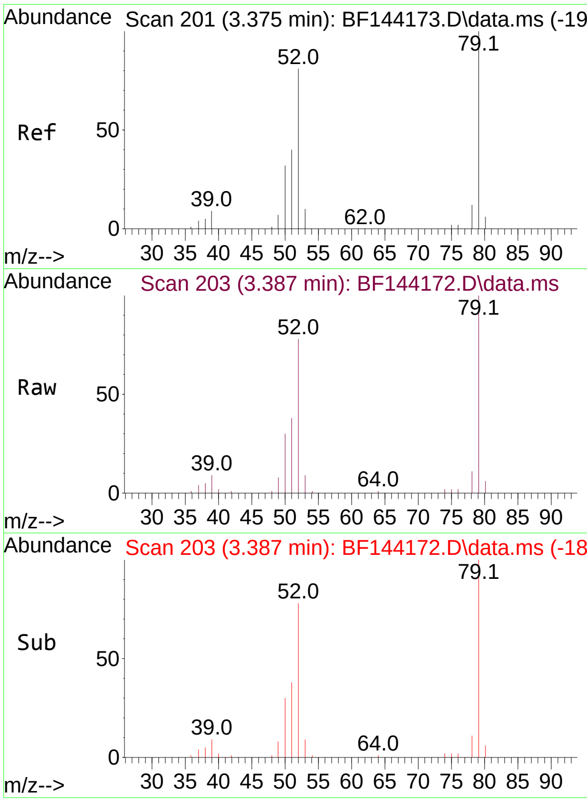
#2
1,4-Dioxane
Concen: 19.624 ng
RT: 2.611 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 88 Resp: 50319

Ion	Ratio	Lower	Upper
88	100		
58	89.7	73.1	109.7
43	38.8	31.0	46.6



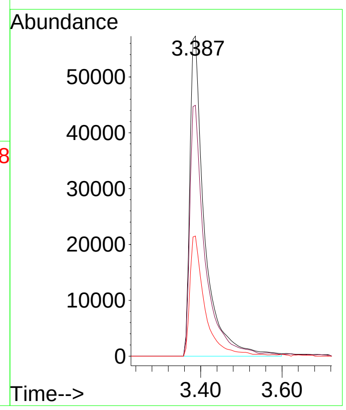
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

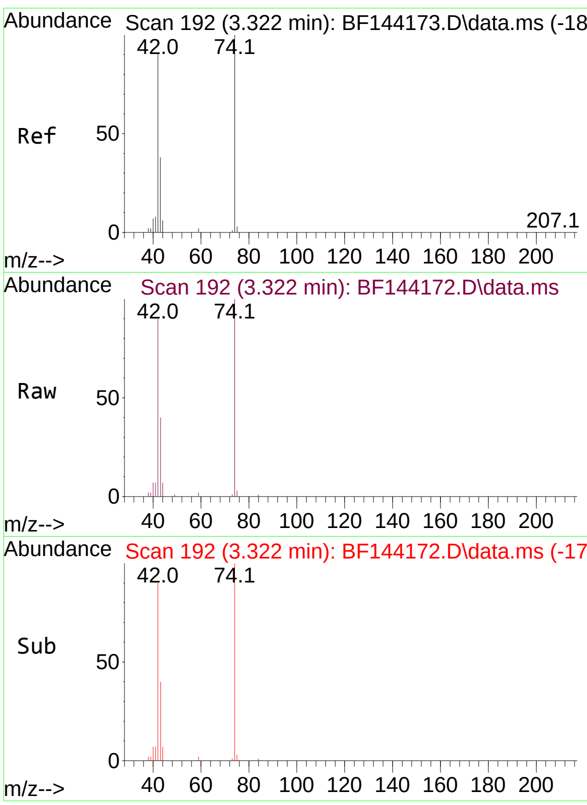


#3
Pyridine
Concen: 20.230 ng
RT: 3.387 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 79 Resp: 144716

Ion	Ratio	Lower	Upper
79	100		
52	78.4	64.5	96.7
51	37.5	31.7	47.5

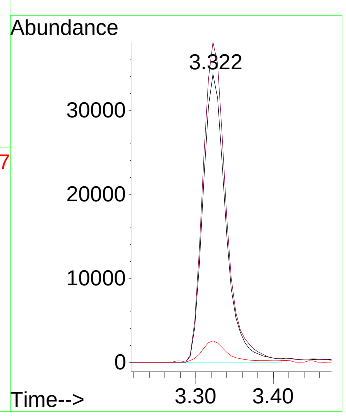




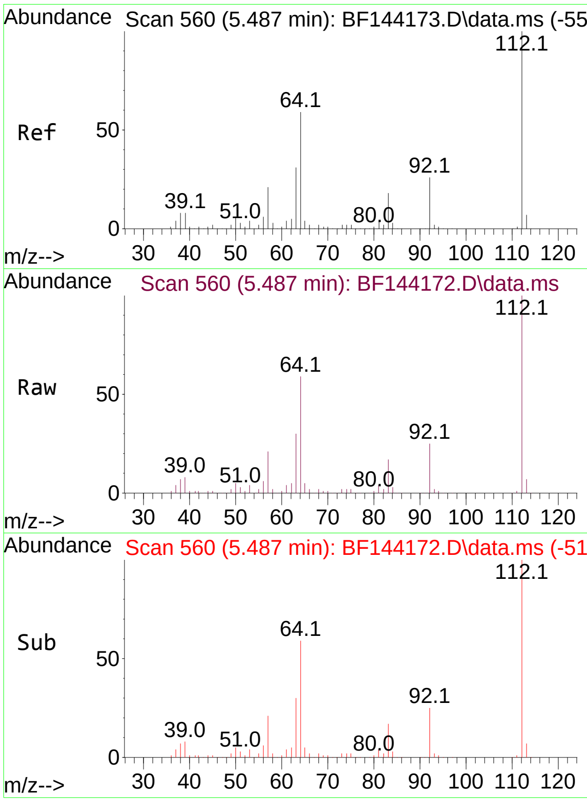
#4
n-Nitrosodimethylamine
Concen: 18.860 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 42 Resp: 70474

Ion	Ratio	Lower	Upper
42	100		
74	111.1	88.2	132.4
44	7.4	5.7	8.5



ICAL Form

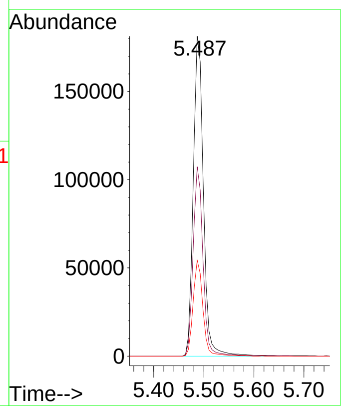


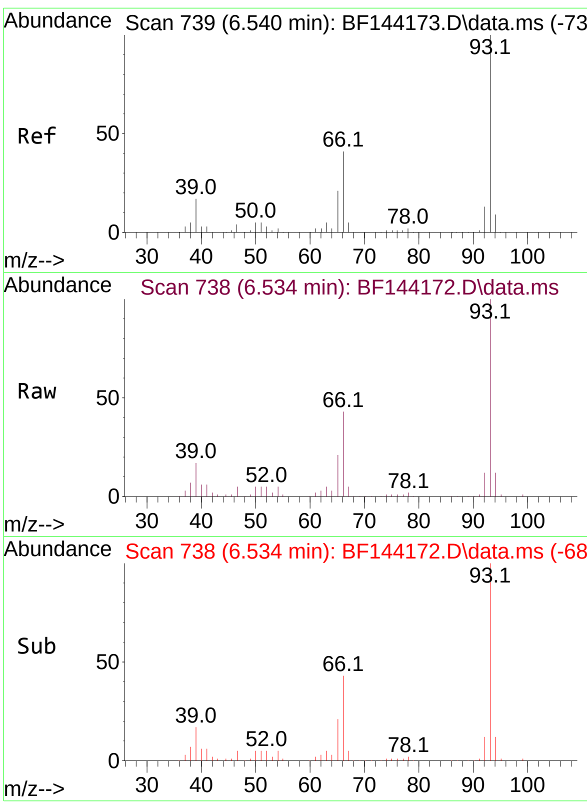
#5
2-Fluorophenol
Concen: 41.191 ng
RT: 5.487 min Scan# 56
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 255468

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.2	70.8
63	29.9	24.4	36.6

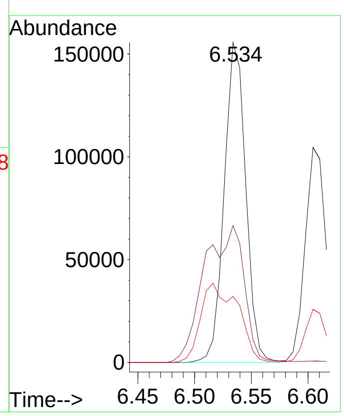




#6
Aniline
Concen: 20.492 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

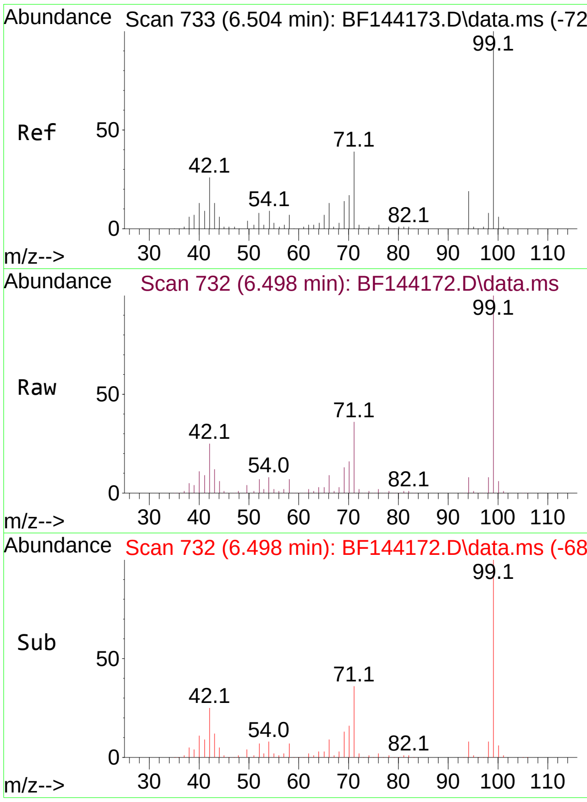
Tgt Ion: 93 Resp: 205178

Ion	Ratio	Lower	Upper
93	100		
66	42.8	34.3	51.5
65	20.6	16.9	25.3



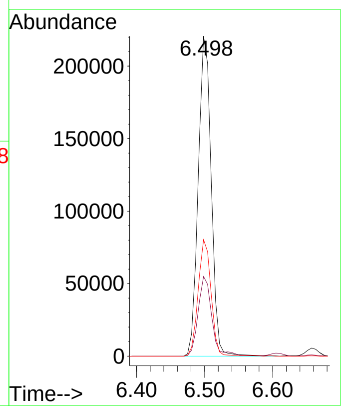
ICAL Form

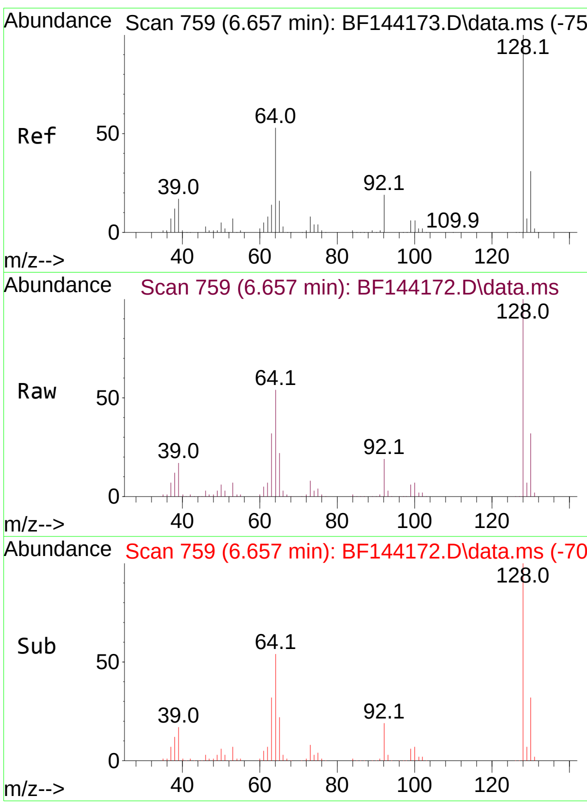
Instrument :
BNA_F
ClientSampleId :
SSTDICC020




```
#7
Phenol-d6
Concen:    41.742 ng
RT:    6.498 min   Scan# 7
Delta R.T.   -0.012 min
Lab File:    BF144172.D
Acq: 05 Nov 2025   14:20

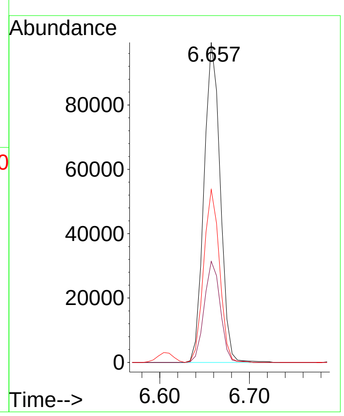
Tgt Ion: 99 Resp:   293338
Ion   Ratio   Lower   Upper
 99   100
 42    24.9    20.9    31.3
 71    36.4    31.4    47.2
```





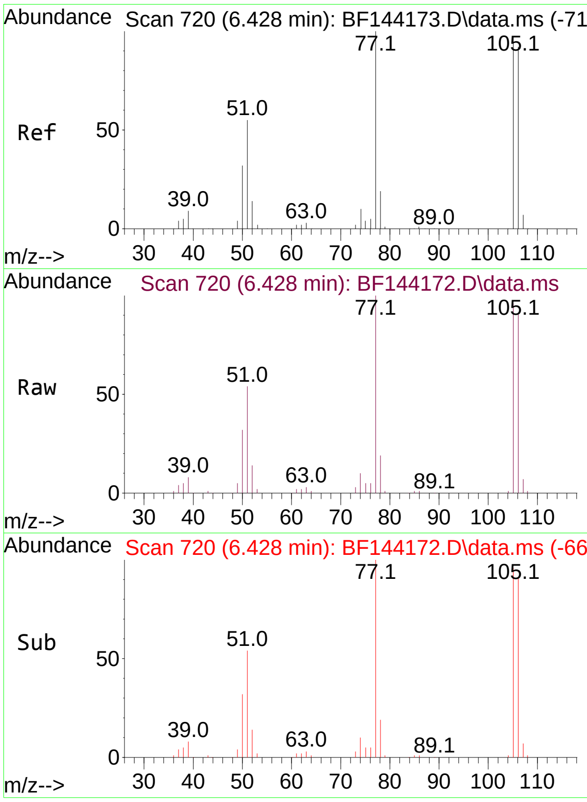

```
#8
2-Chlorophenol
Concen:    20.624 ng
RT:    6.657 min   Scan# 759
Delta R.T.   -0.006 min
Lab File:    BF144172.D
Acq: 05 Nov 2025   14:20

Tgt Ion:128 Resp:   125443
Ion   Ratio   Lower   Upper
128   100
130    31.6    10.5    50.5
 64    54.0    33.2    73.2
```



ICAL Form

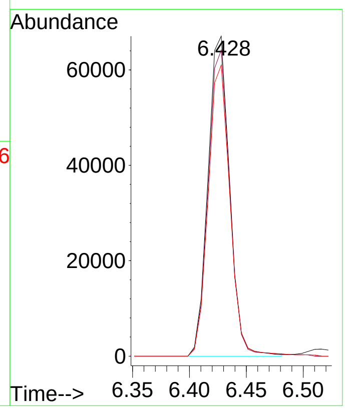
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

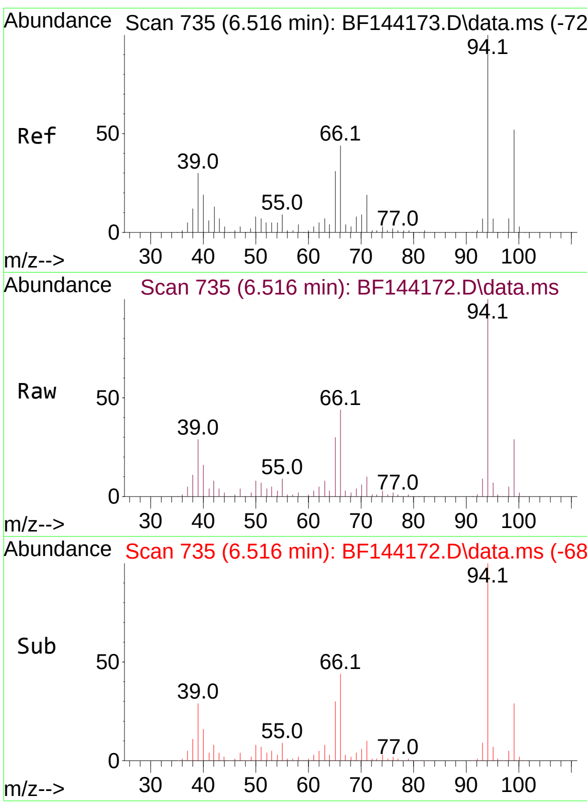


#9
Benzaldehyde
Concen: 22.422 ng
RT: 6.428 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 77 Resp: 88978

Ion	Ratio	Lower	Upper
77	100		
105	95.6	77.2	117.2
106	90.9	72.2	112.2

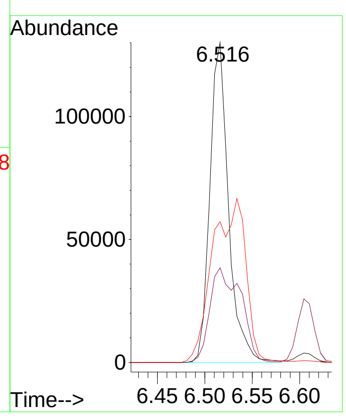


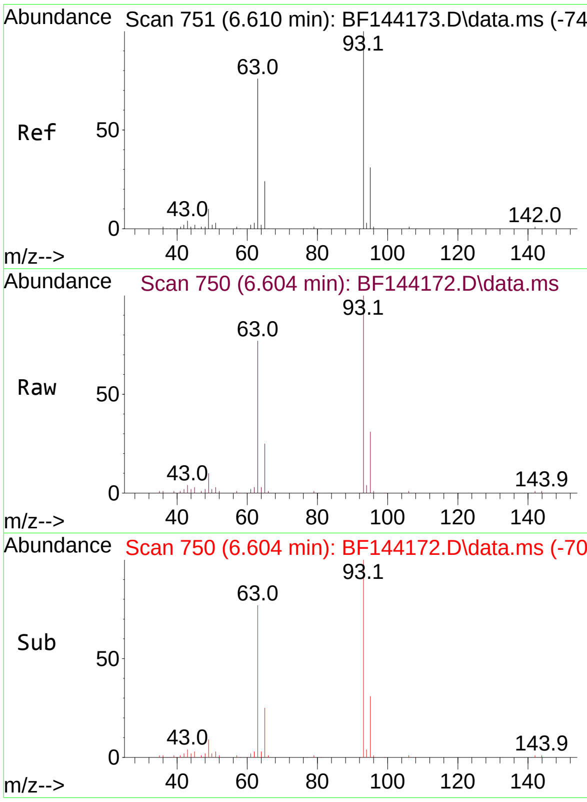


#10
Phenol
Concen: 20.797 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 94 Resp: 178562

Ion	Ratio	Lower	Upper
94	100		
65	29.6	10.8	50.8
66	44.0	24.3	64.3



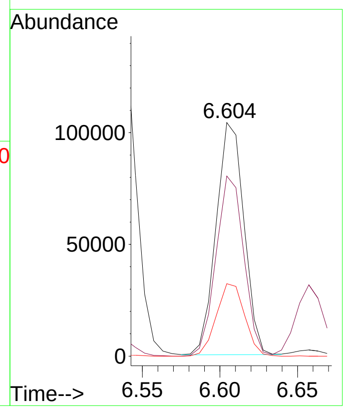


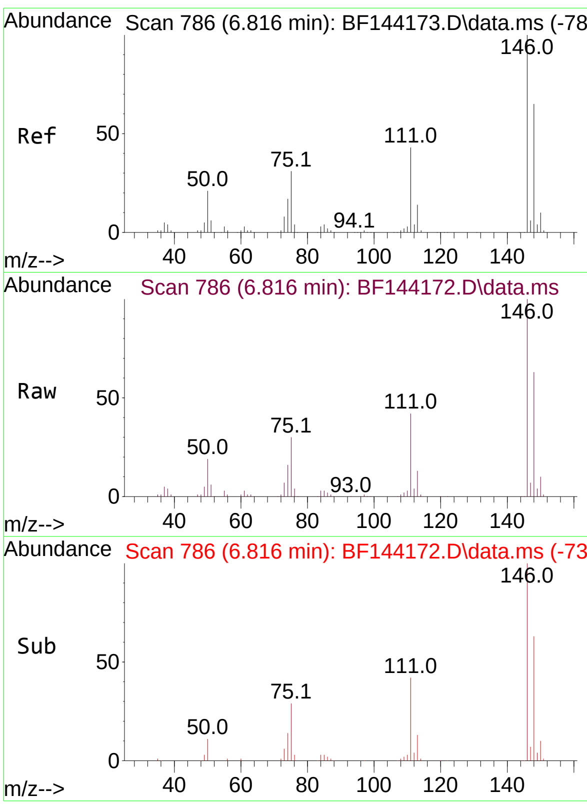
#11
bis(2-Chloroethyl)ether
Concen: 20.814 ng
RT: 6.604 min   Scan# 75
Delta R.T.   -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025   14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 130219

Ion	Ratio	Lower	Upper
93	100		
63	77.1	55.2	95.2
95	31.0	11.2	51.2

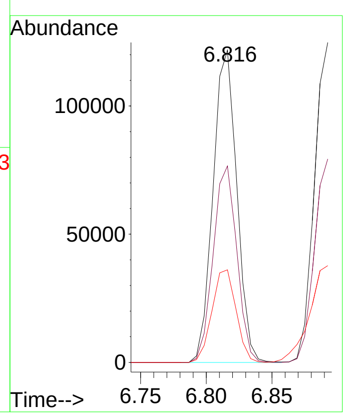




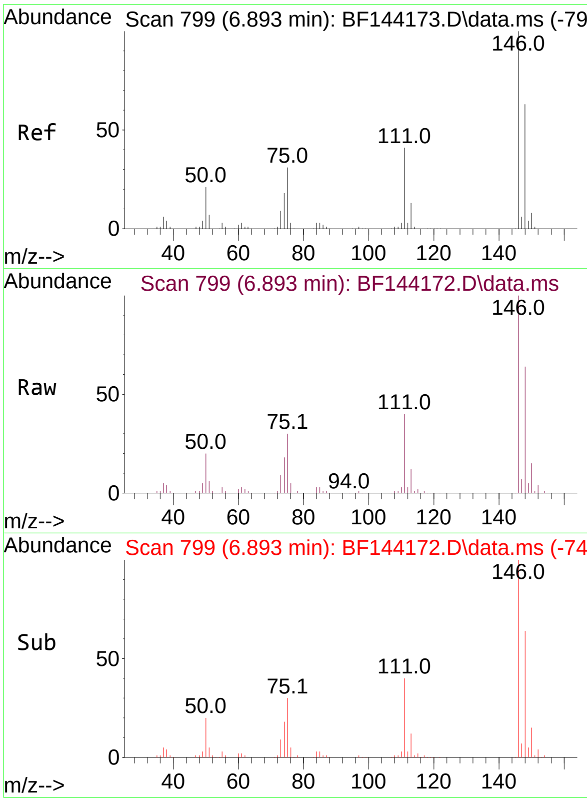
#12
1,3-Dichlorobenzene
Concen: 20.476 ng
RT: 6.816 min   Scan# 786
Delta R.T.   0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025   14:20

Tgt Ion:146 Resp: 153679

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.8
75	29.7	25.0	37.4



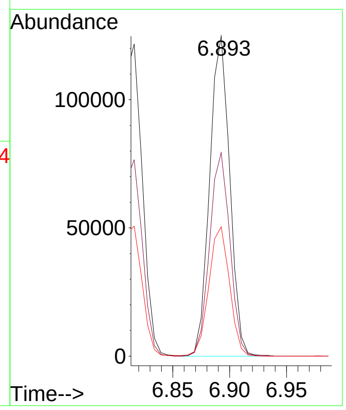
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

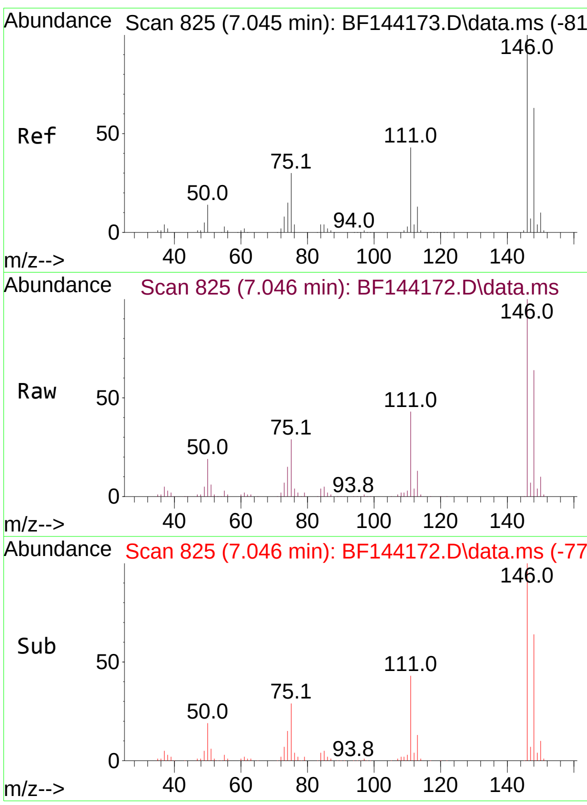


#13
1,4-Dichlorobenzene
Concen: 20.435 ng
RT: 6.893 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:146 Resp: 153656

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.2	75.2
111	40.4	32.6	48.8

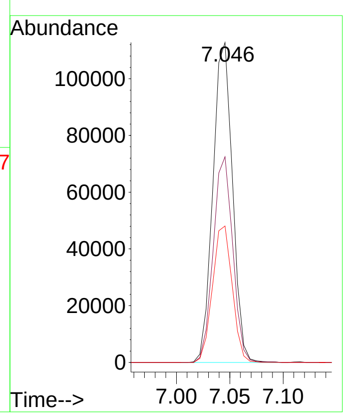




#14
1,2-Dichlorobenzene
Concen: 20.042 ng
RT: 7.046 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:146 Resp: 144447

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.7	76.1
111	42.6	34.2	51.4



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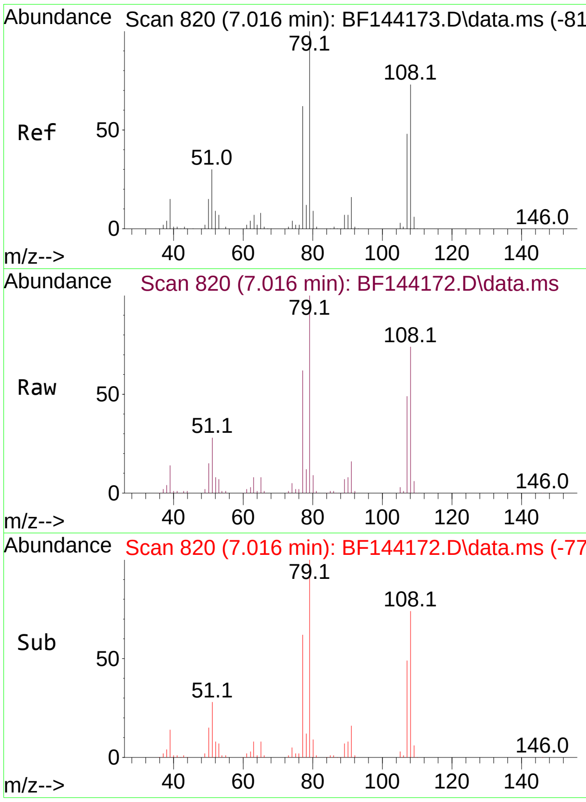
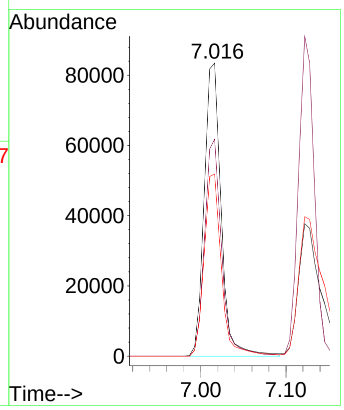


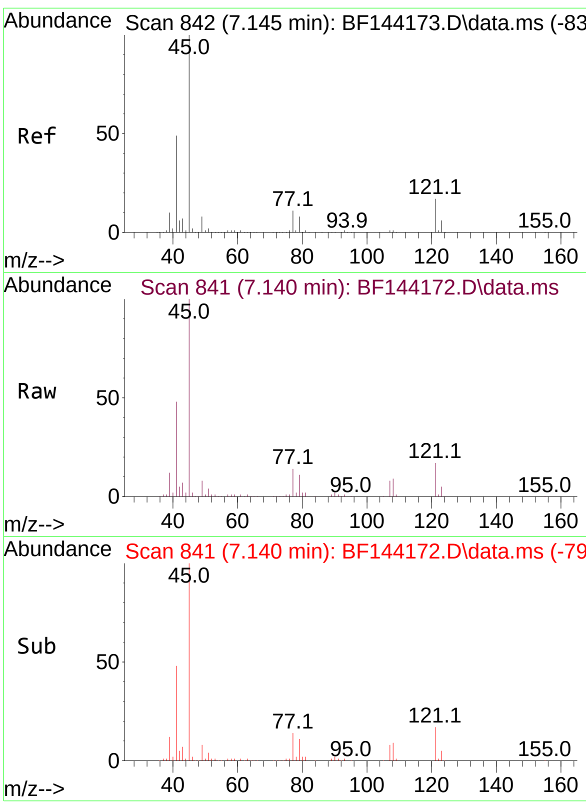
#15
Benzyl Alcohol
Concen: 20.726 ng
RT: 7.016 min Scan# 82
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 115331

Ion	Ratio	Lower	Upper
79	100		
108	74.0	58.2	87.4
77	62.1	49.9	74.9

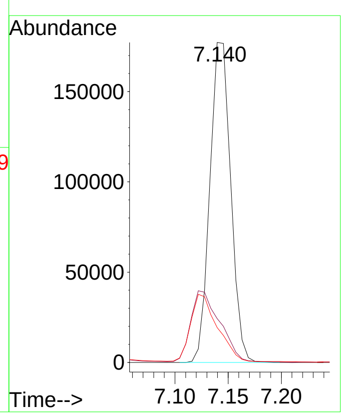




#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.029 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 45 Resp: 242281

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	31.8
79	10.9	0.0	29.1



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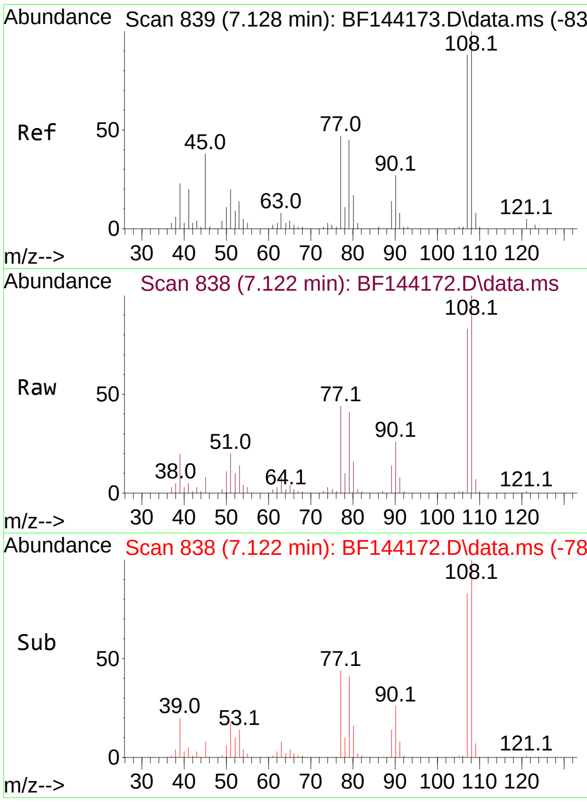
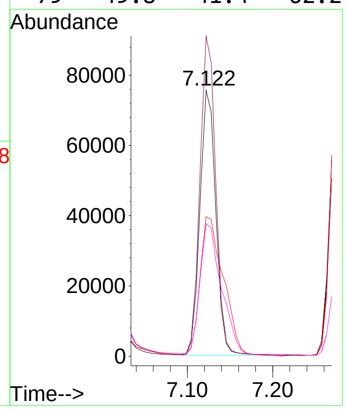
Instrument : BNA_F
ClientSampleId : SSTDICC020

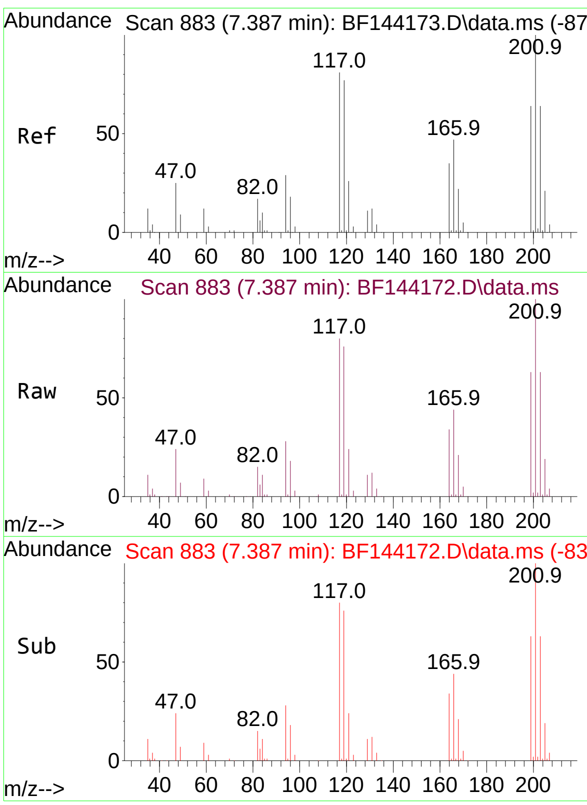


#17
2-Methylphenol
Concen: 20.196 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:107 Resp: 97725

Ion	Ratio	Lower	Upper
107	100		
108	120.4	91.0	136.4
77	52.4	42.7	64.1
79	49.8	41.4	62.2

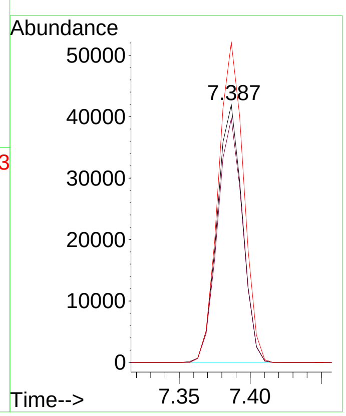




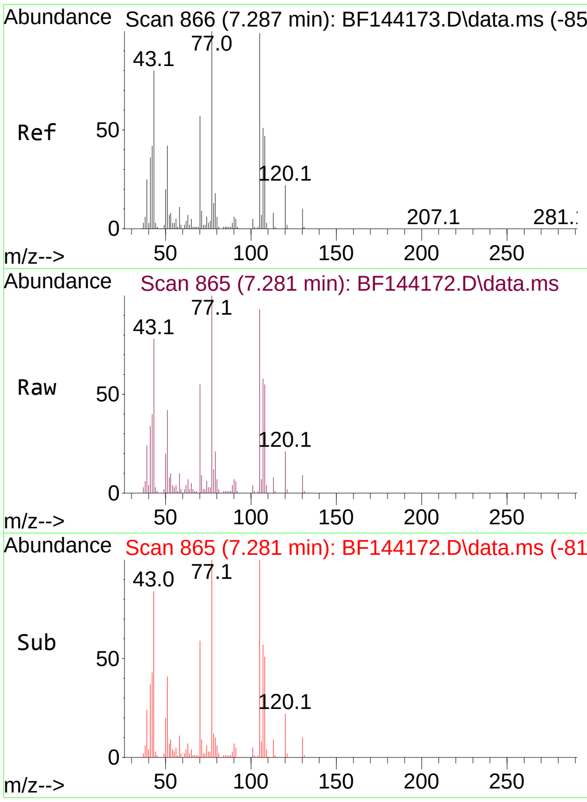
#18
Hexachloroethane
Concen: 20.675 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:117 Resp: 51648

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	124.3	98.9	148.3



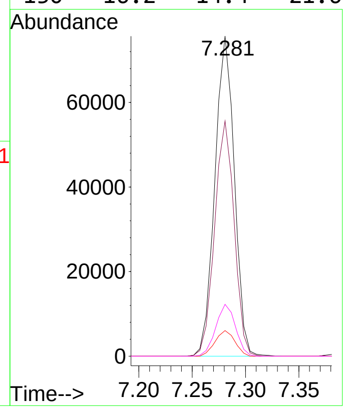
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

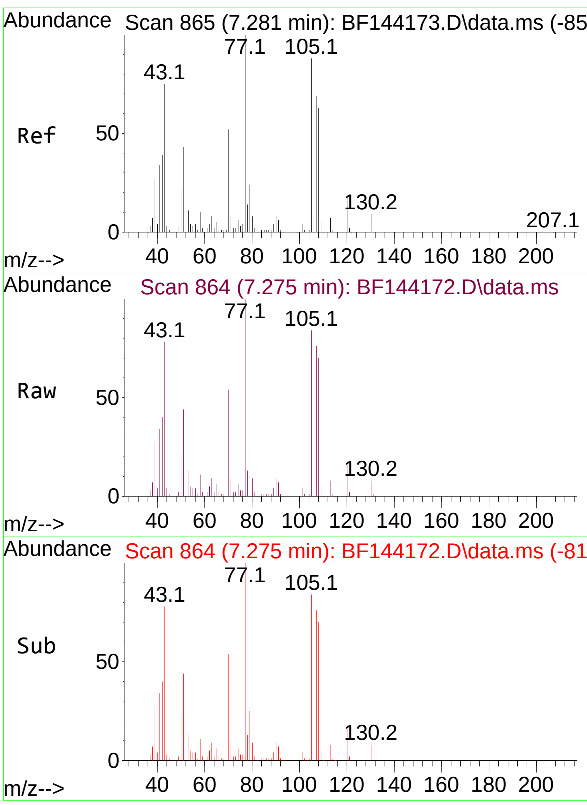


#19
n-Nitroso-di-n-propylamine
Concen: 20.897 ng
RT: 7.281 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 70 Resp: 96676

Ion	Ratio	Lower	Upper
70	100		
42	73.5	58.3	87.5
101	8.0	7.0	10.6
130	16.2	14.4	21.6

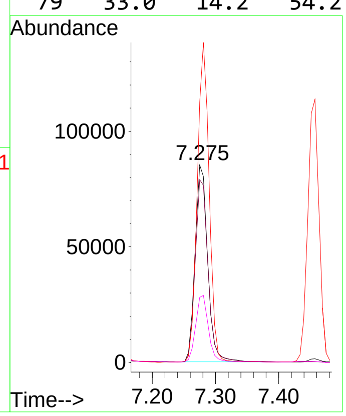




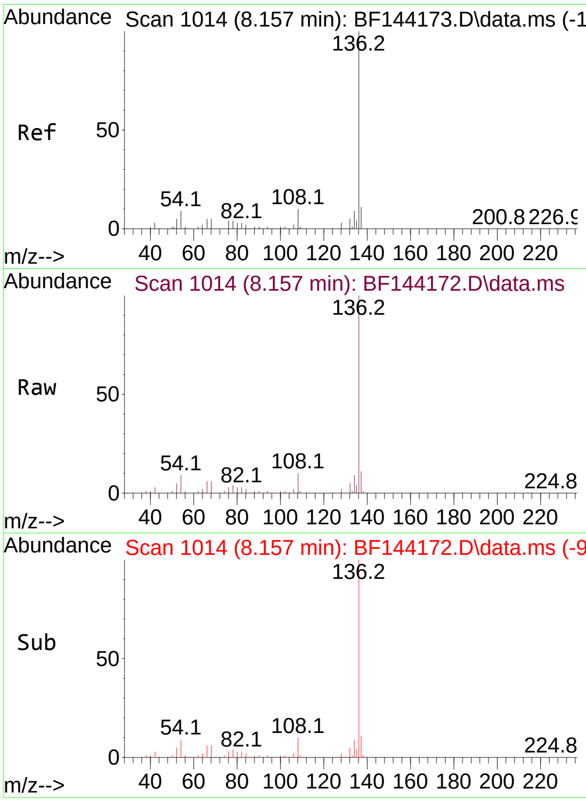
#20
3+4-Methylphenols
Concen: 20.804 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:107 Resp: 118666

Ion	Ratio	Lower	Upper
107	100		
108	92.5	70.2	110.2
77	131.8	123.9	163.9
79	33.0	14.2	54.2



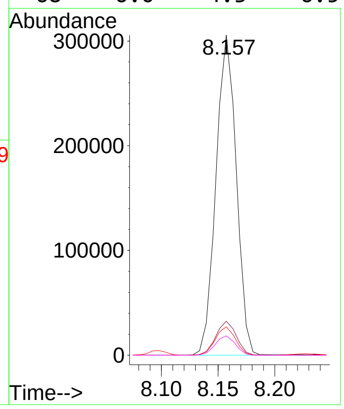
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

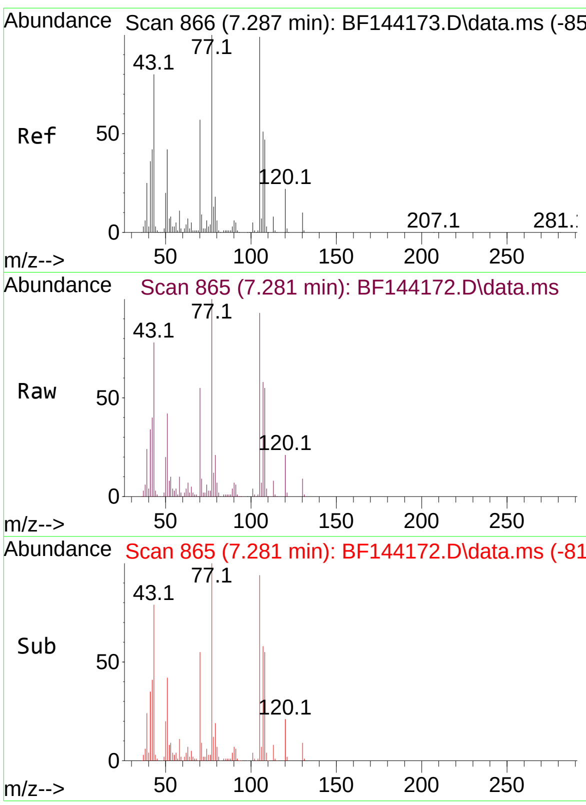


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:136 Resp: 380834

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.8	7.0	10.6
68	6.0	4.3	6.5

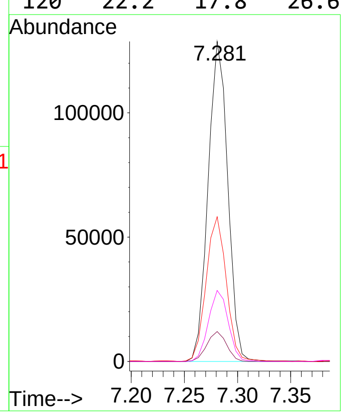




#22
Acetophenone
Concen: 20.242 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:105 Resp: 165374

Ion	Ratio	Lower	Upper
105	100		
71	9.3	7.2	10.8
51	45.2	34.0	51.0
120	22.2	17.8	26.6



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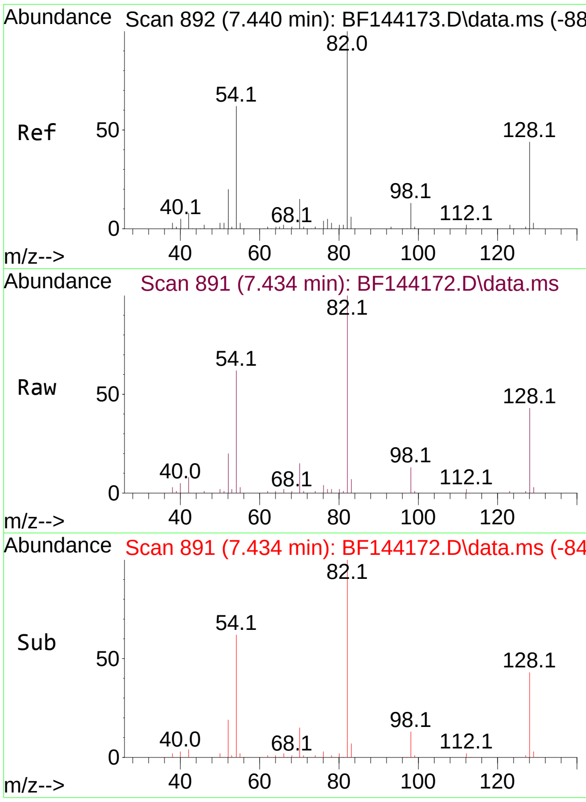
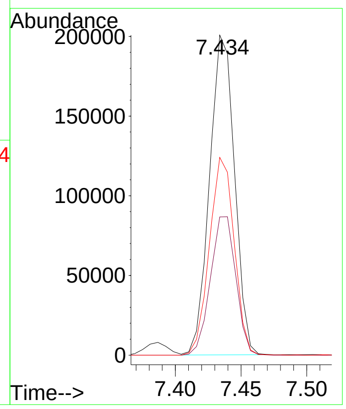
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

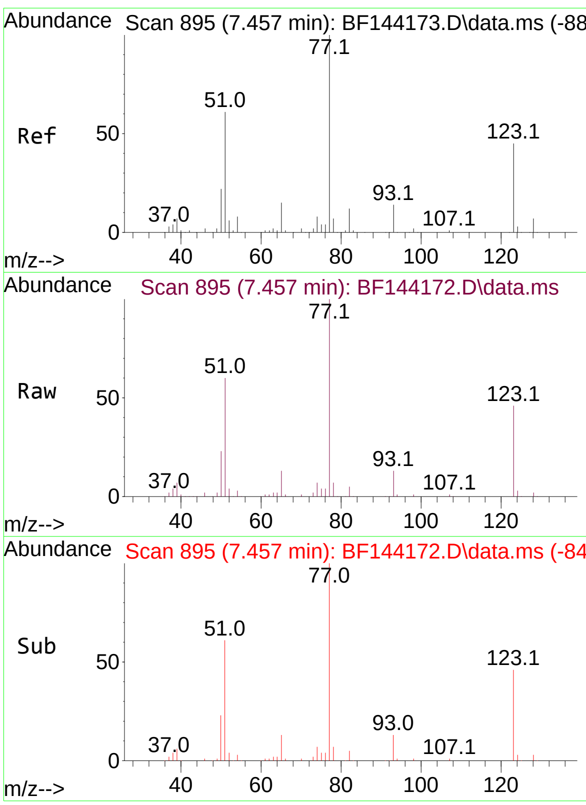


#23
Nitrobenzene-d5
Concen: 40.287 ng
RT: 7.434 min   Scan# 89
Delta R.T.   -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025   14:20

Tgt Ion: 82 Resp: 265652

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.7	52.1
54	61.8	49.5	74.3

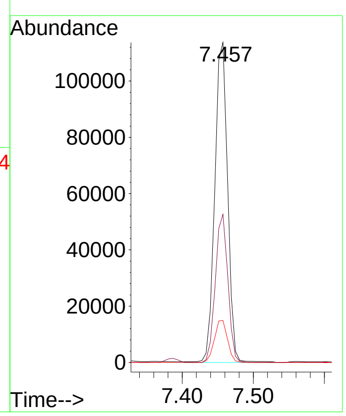




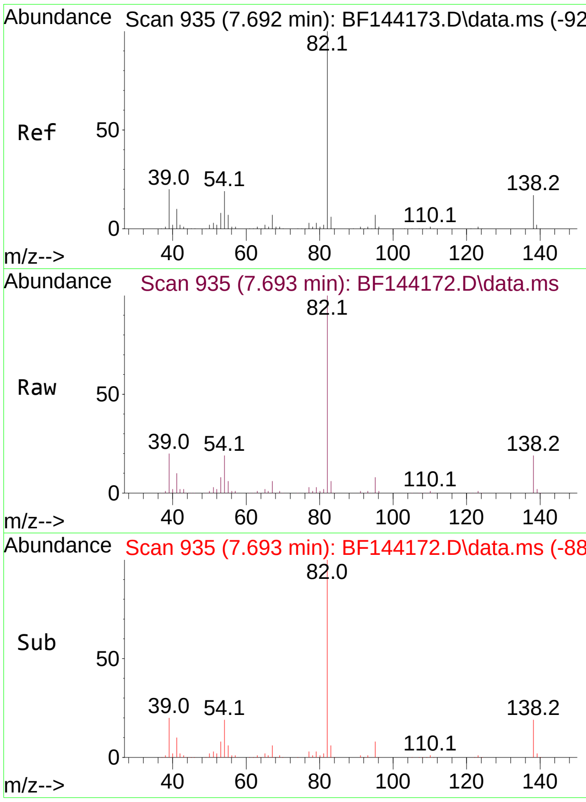
#24
Nitrobenzene
Concen: 20.000 ng
RT: 7.457 min   Scan# 895
Delta R.T.   -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025   14:20

Tgt Ion: 77 Resp: 143192

Ion	Ratio	Lower	Upper
77	100		
123	46.3	35.8	53.8
65	13.2	12.2	18.2

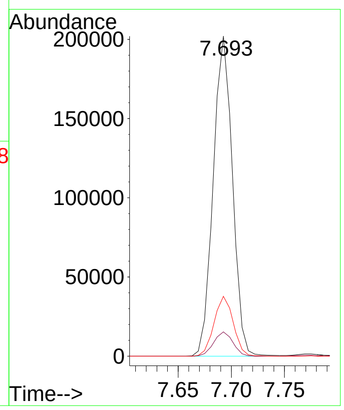


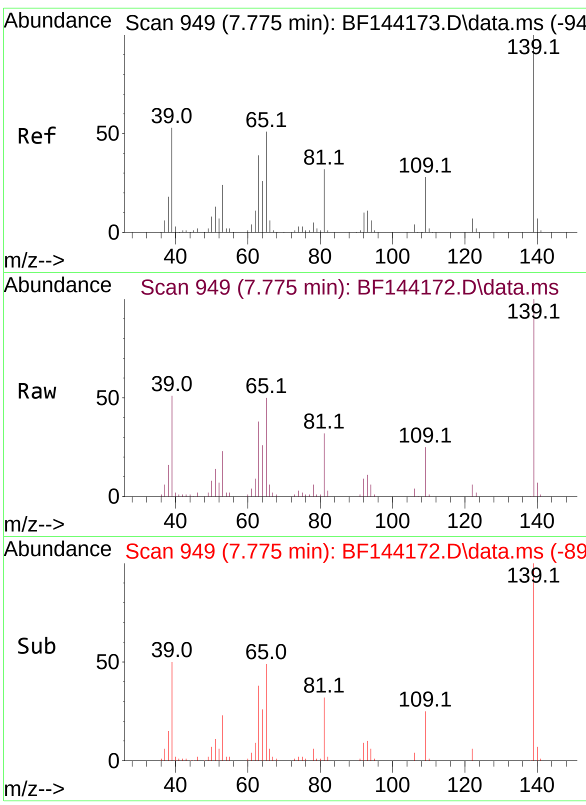
Instrument :
BNA_F
ClientSampleId :
SSTDICC020




```
#25
Isophorone
Concen:   20.434 ng
RT:   7.693 min  Scan# 9
Delta R.T.  -0.012 min
Lab File:   BF144172.D
Acq: 05 Nov 2025  14:20

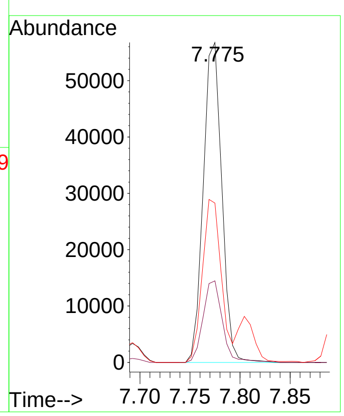
Tgt Ion: 82 Resp:  254863
Ion  Ratio  Lower  Upper
 82  100
 95    7.6    5.5    8.3
138   18.7   13.7   20.5
```



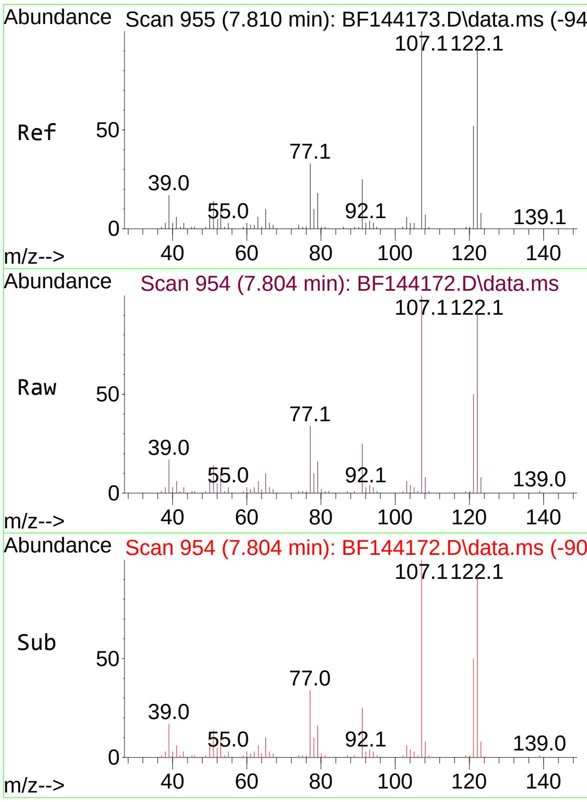



```
#26
2-Nitrophenol
Concen:   20.572 ng
RT:   7.775 min  Scan# 949
Delta R.T.  0.000 min
Lab File:   BF144172.D
Acq: 05 Nov 2025  14:20

Tgt Ion:139 Resp:   72909
Ion  Ratio  Lower  Upper
139  100
109   25.5   22.2   33.2
 65   49.8   40.7   61.1
```



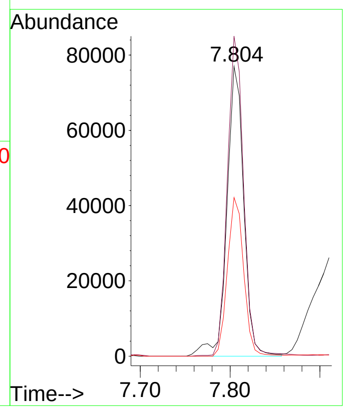
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

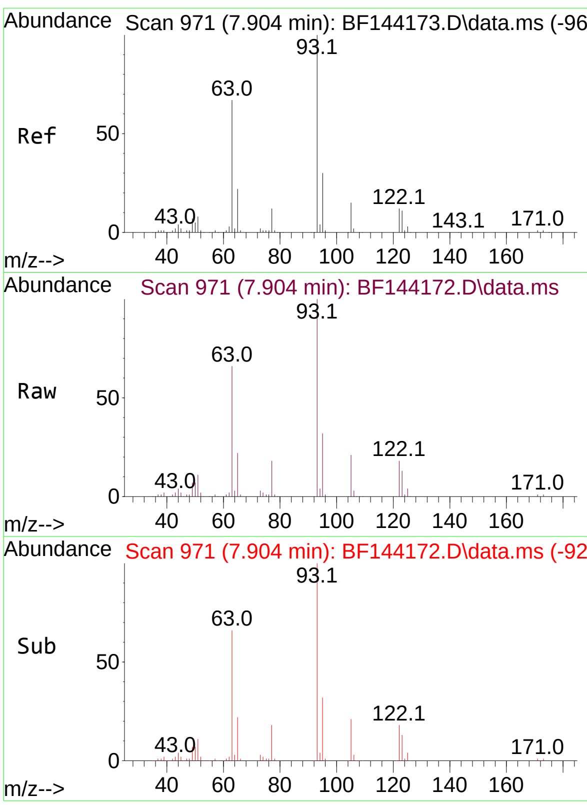


#27
2,4-Dimethylphenol
Concen: 18.981 ng
RT: 7.804 min   Scan# 9
Delta R.T.   -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025   14:20

Tgt Ion:122 Resp: 100827

Ion	Ratio	Lower	Upper
122	100		
107	110.4	86.2	129.4
121	54.8	44.6	66.8

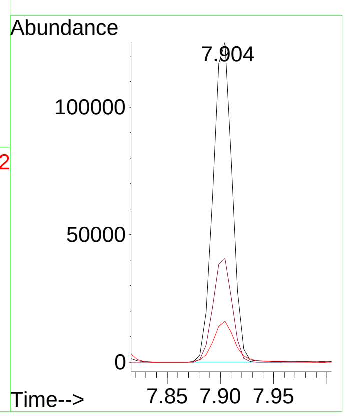




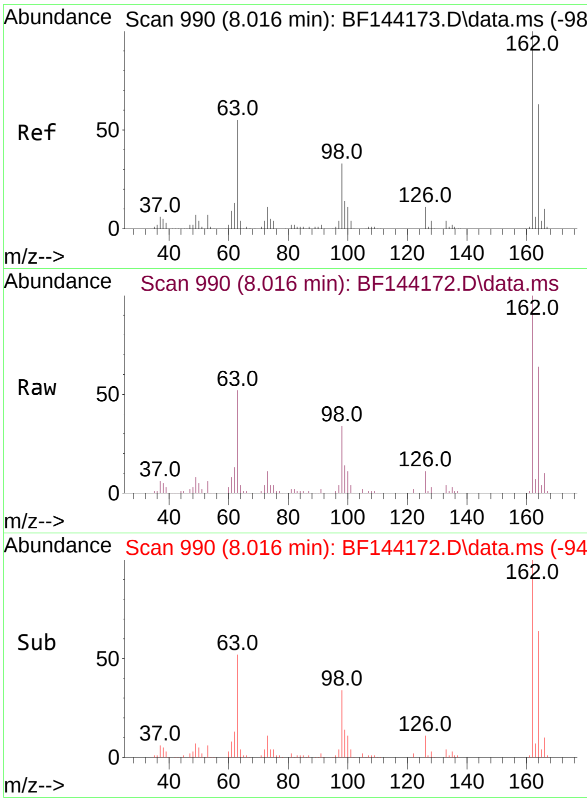
#28
bis(2-Chloroethoxy)methane
Concen: 20.161 ng
RT: 7.904 min   Scan# 971
Delta R.T.   -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025   14:20

Tgt Ion: 93 Resp: 157029

Ion	Ratio	Lower	Upper
93	100		
95	32.4	24.2	36.4
123	12.8	9.0	13.4



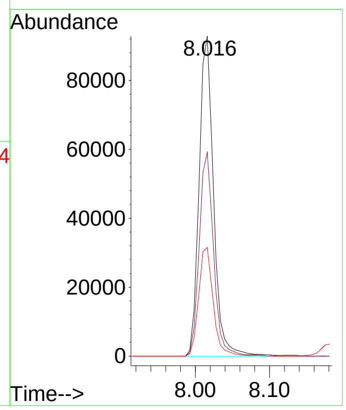
Instrument : BNA_F
ClientSampleId : SSTDICC020

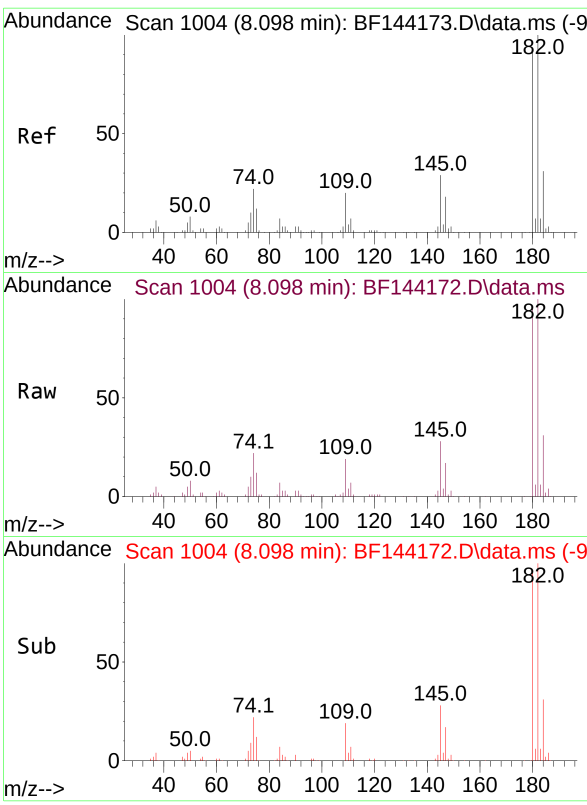


#29
2,4-Dichlorophenol
Concen: 20.548 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:162 Resp: 125803

Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.9	82.9
98	34.0	13.3	53.3

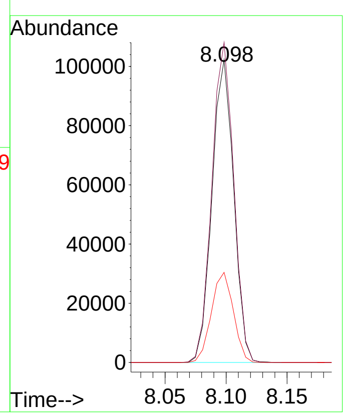




#30
1,2,4-Trichlorobenzene
Concen: 20.106 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:180 Resp: 126402

Ion	Ratio	Lower	Upper
180	100		
182	105.7	87.7	131.5
145	29.7	25.4	38.0



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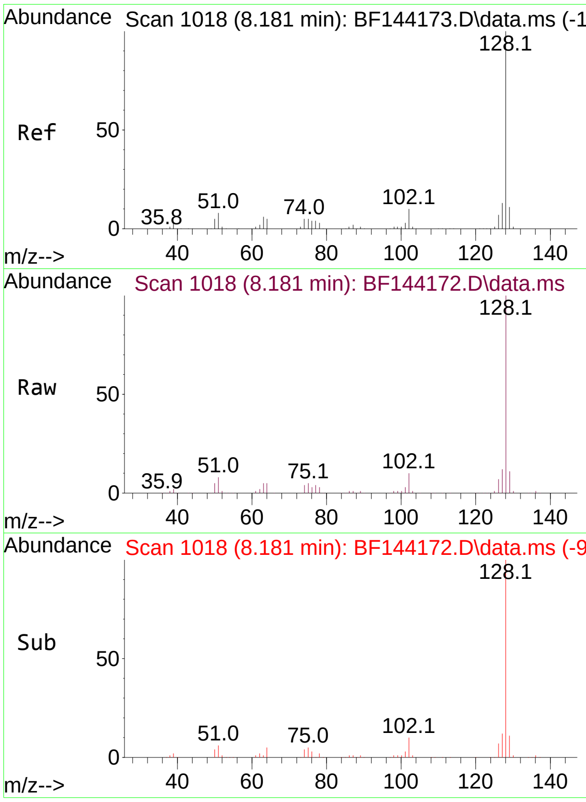
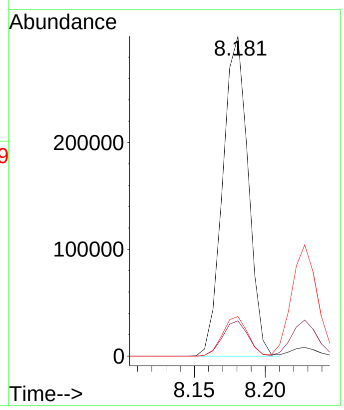
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

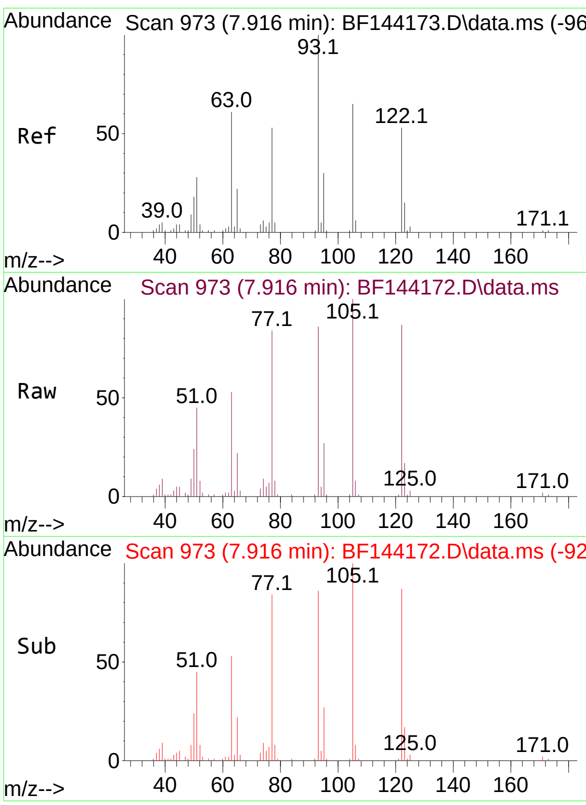


#31
Naphthalene
Concen: 20.643 ng
RT: 8.181 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:128 Resp: 373973

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.4	10.3	15.5

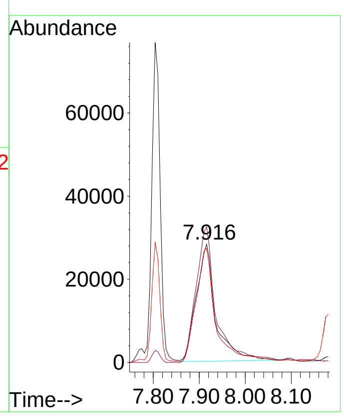




#32
Benzoic acid
Concen: 21.522 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

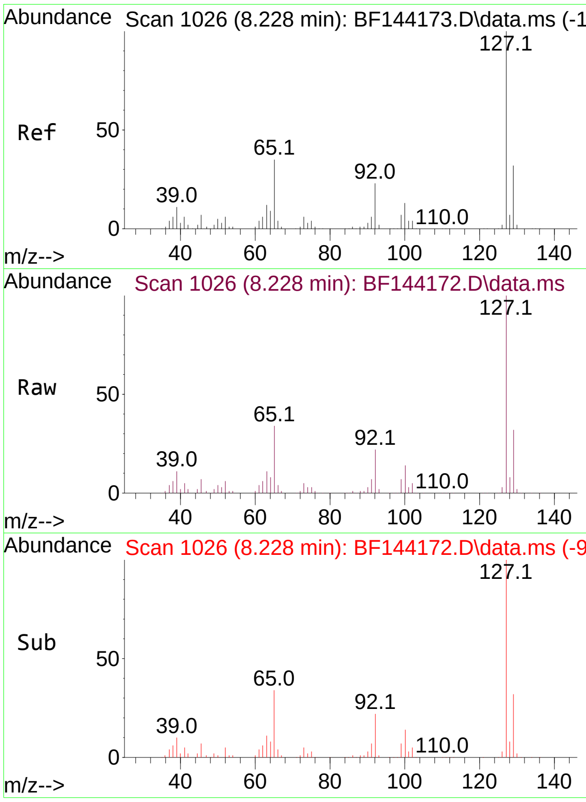
Tgt Ion:122 Resp: 83801

Ion	Ratio	Lower	Upper
122	100		
105	114.8	99.9	139.9
77	96.8	77.5	117.5



ICAL Form

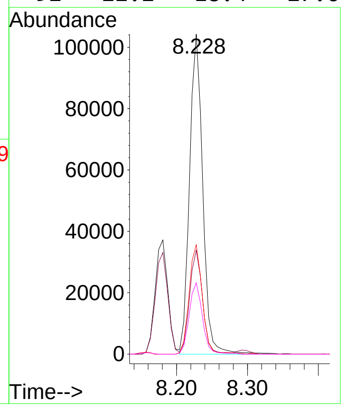
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

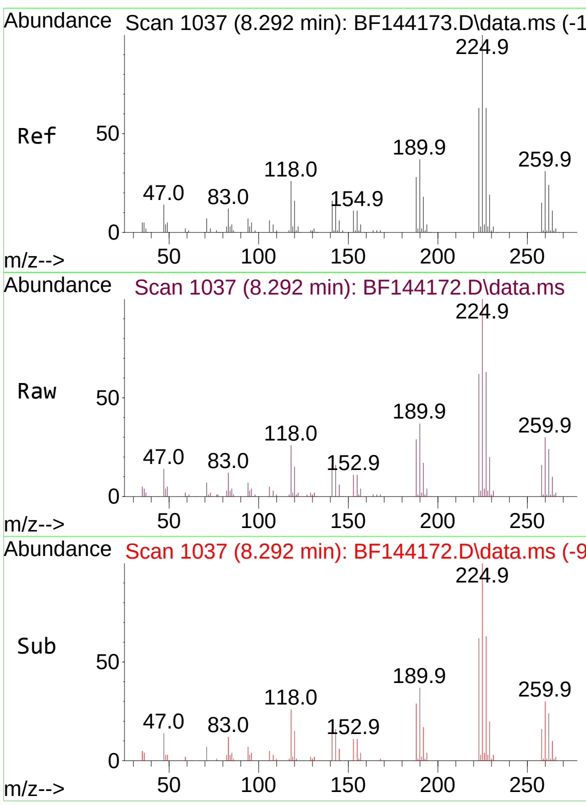


#33
4-Chloroaniline
Concen: 20.474 ng
RT: 8.228 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:127 Resp: 135273

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.3	37.9
65	34.1	27.6	41.4
92	22.2	18.4	27.6

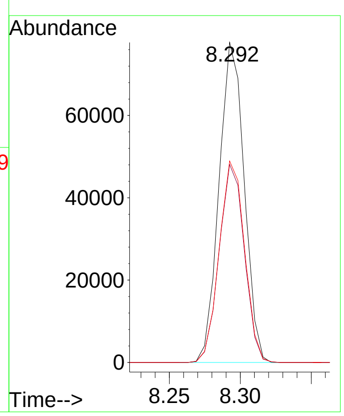




#34
Hexachlorobutadiene
Concen: 20.255 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

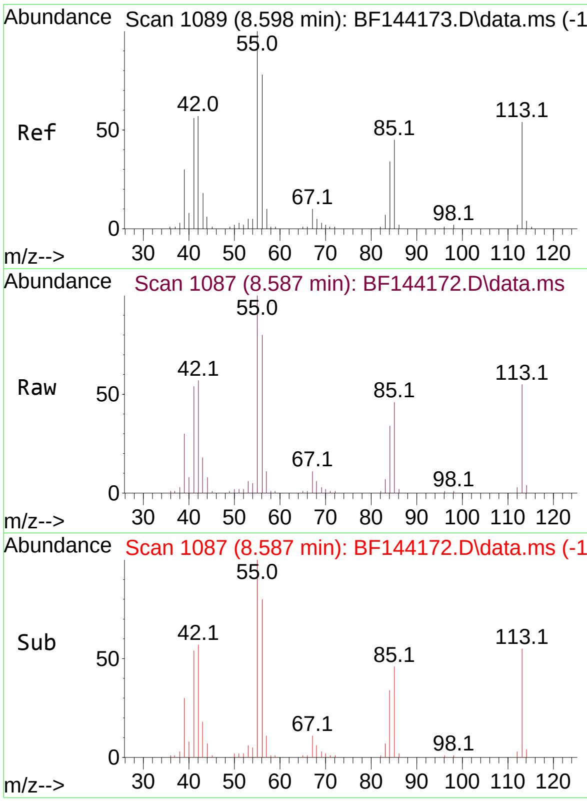
Tgt Ion:225 Resp: 95971

Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.2	75.4
227	62.9	50.1	75.1



ICAL Form

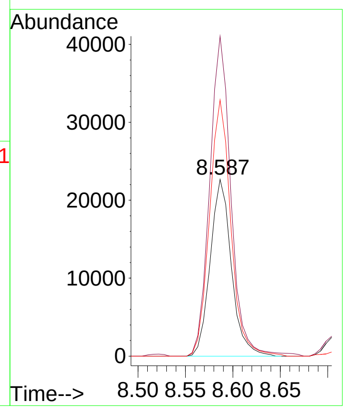
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

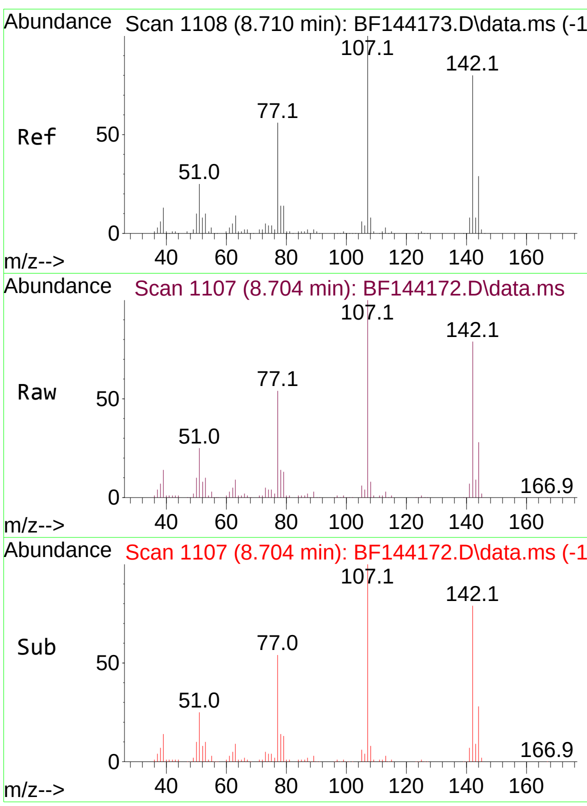


#35
Caprolactam
Concen: 21.028 ng
RT: 8.587 min Scan# 10
Delta R.T. -0.035 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:113 Resp: 35272

Ion	Ratio	Lower	Upper
113	100		
55	181.1	166.8	206.8
56	145.1	125.9	165.9

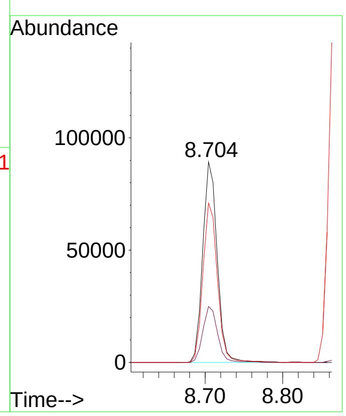




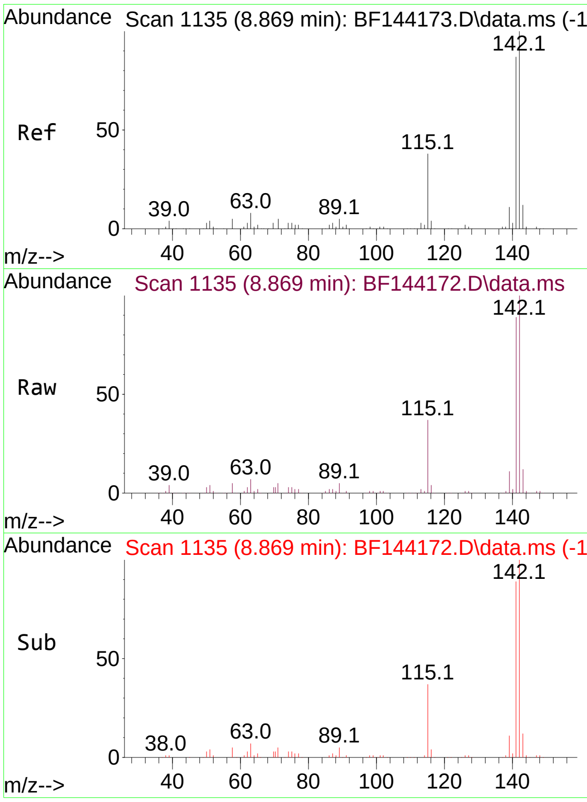
#36
4-Chloro-3-methylphenol
Concen: 21.069 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:107 Resp: 115603

Ion	Ratio	Lower	Upper
107	100		
144	27.9	23.3	34.9
142	79.4	63.8	95.6



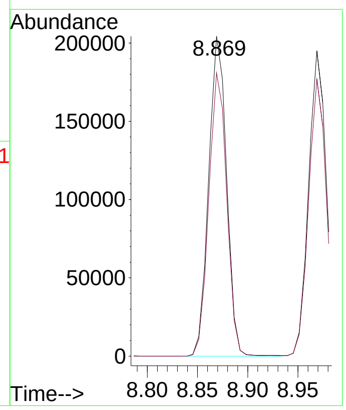
Instrument : BNA_F
ClientSampleId : SSTDICC020

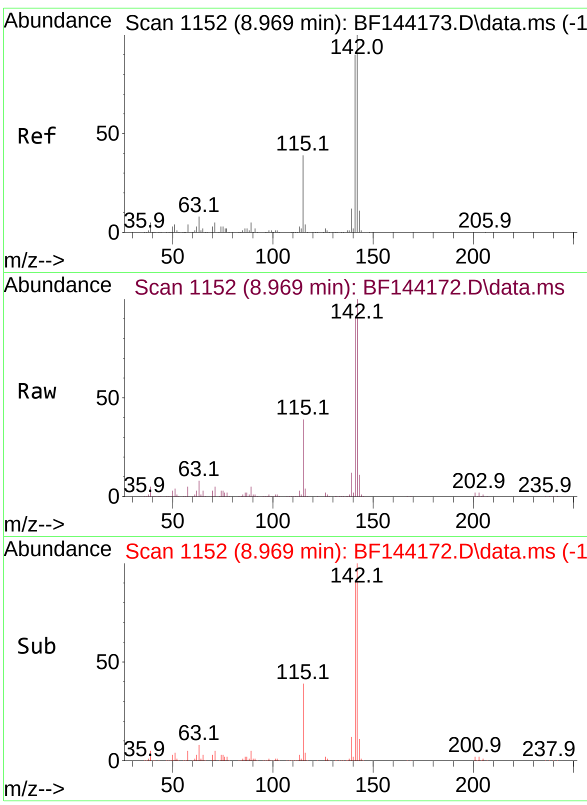


#37
2-Methylnaphthalene
Concen: 20.905 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:142 Resp: 253201

Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.9	104.9

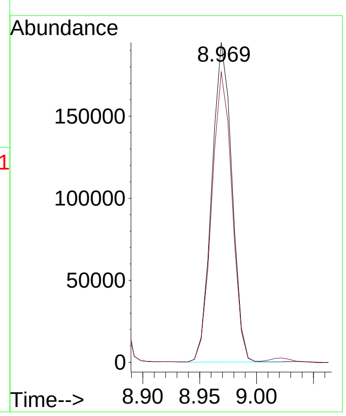




#38
1-Methylnaphthalene
Concen: 20.588 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:142 Resp: 240612

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.1	108.1



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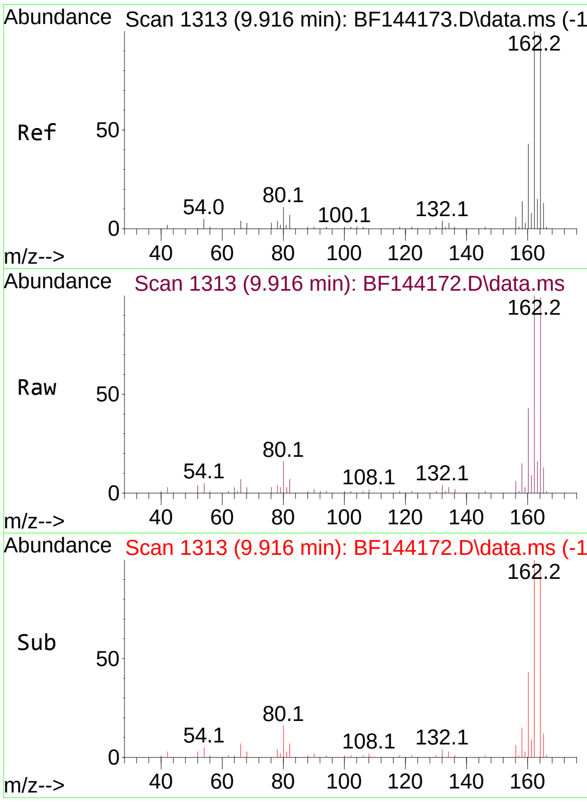
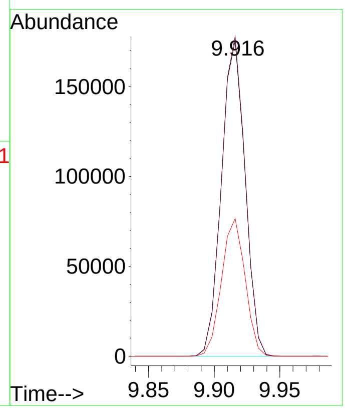
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

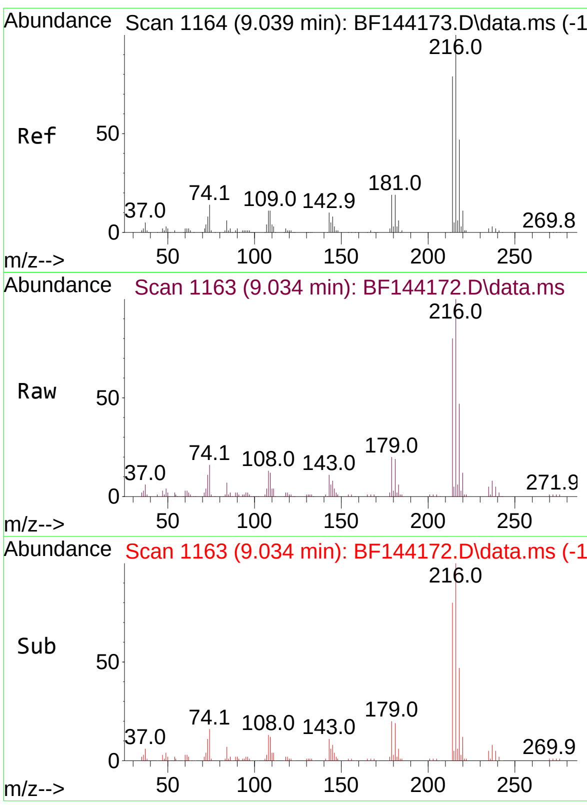


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min   Scan# 13
Delta R.T.   0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025   14:20

Tgt Ion:164 Resp: 220087

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.1	121.7
160	43.6	34.5	51.7

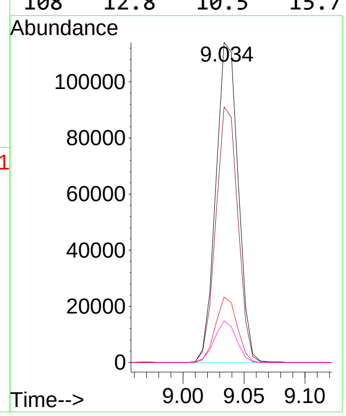




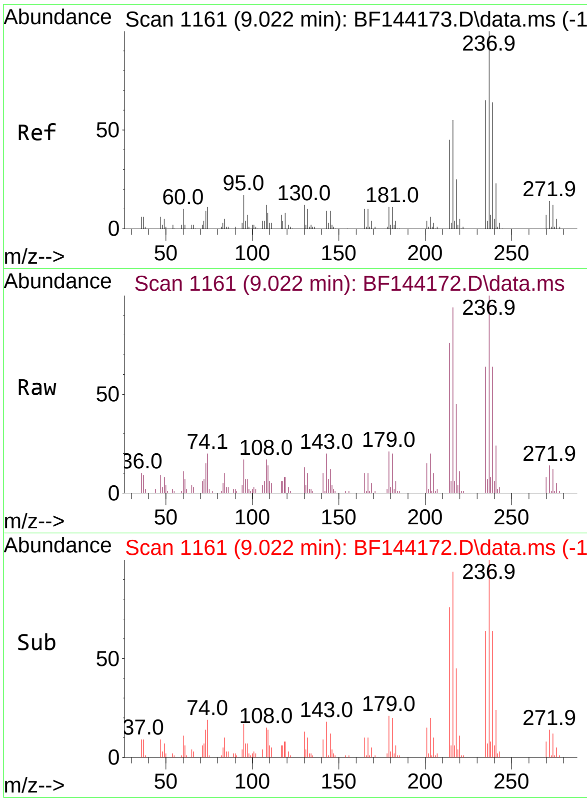
#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.100 ng
RT: 9.034 min   Scan# 1163
Delta R.T.   -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025   14:20

Tgt Ion:216 Resp: 144980

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	19.8	15.0	22.4
108	12.8	10.5	15.7



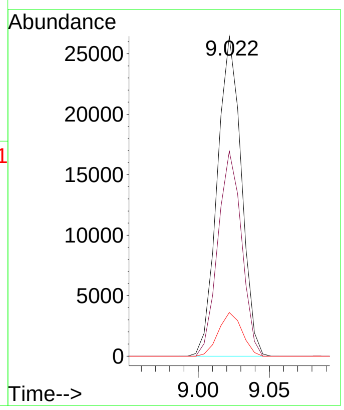
Instrument : BNA_F
ClientSampleId : SSTDICC020

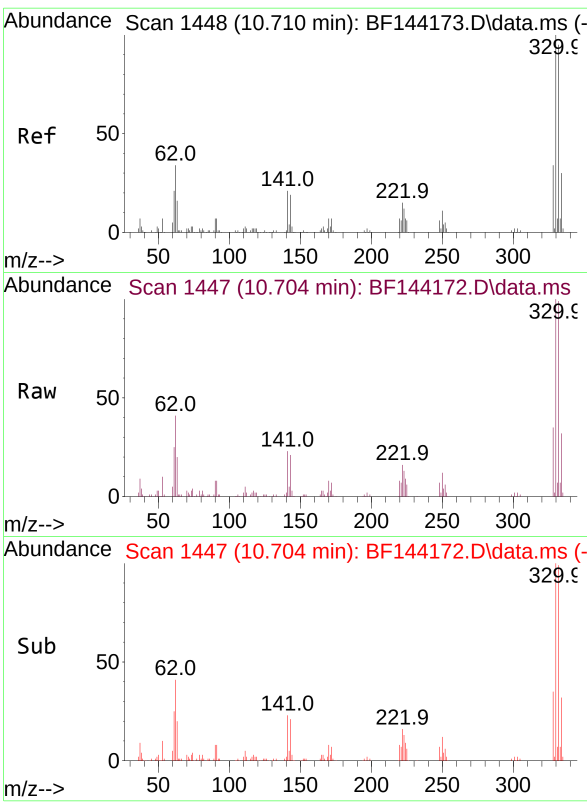


#41
Hexachlorocyclopentadiene
Concen: 18.527 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:237 Resp: 31247

Ion	Ratio	Lower	Upper
237	100		
235	64.1	45.5	85.5
272	13.6	0.0	33.5

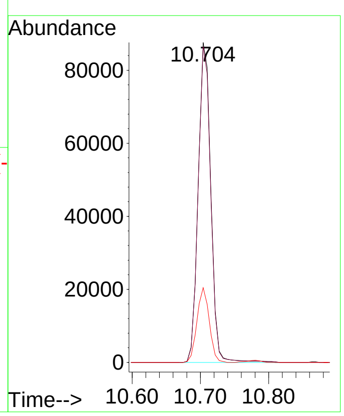




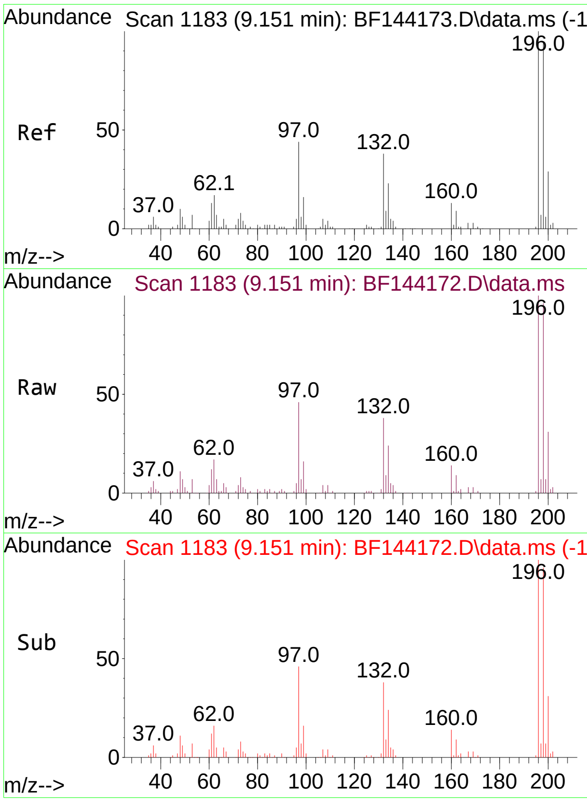
#42
2,4,6-Tribromophenol
Concen: 40.889 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:330 Resp: 112928

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.7	115.1
141	22.6	17.8	26.8



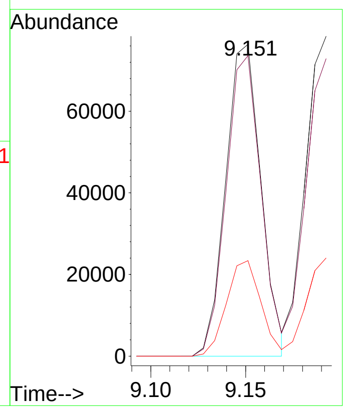
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

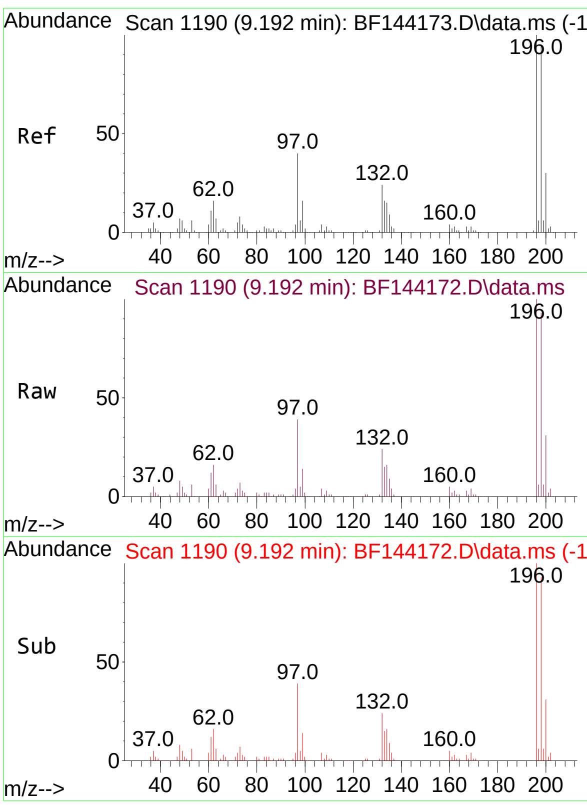


#43
2,4,6-Trichlorophenol
Concen: 20.136 ng
RT: 9.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:196 Resp: 98855

Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.3	112.9
200	30.6	23.4	35.2

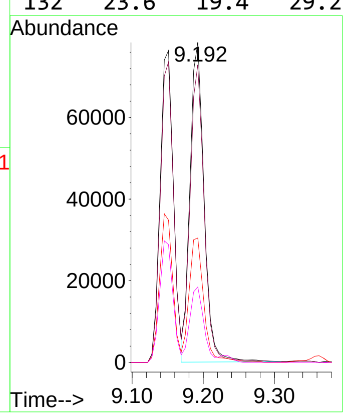




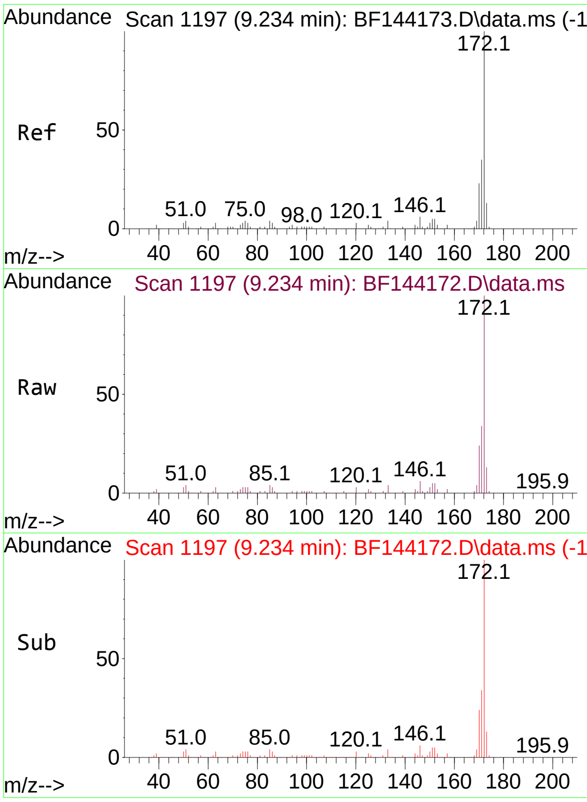
#44
2,4,5-Trichlorophenol
Concen: 20.653 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:196 Resp: 109277

Ion	Ratio	Lower	Upper
196	100		
198	93.0	76.1	114.1
97	38.9	31.9	47.9
132	23.6	19.4	29.2



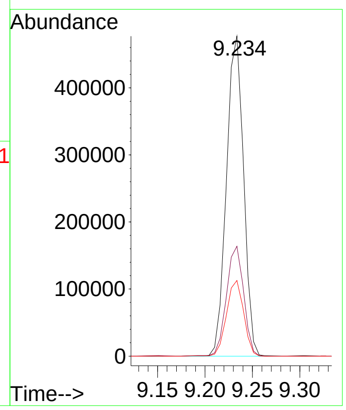
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

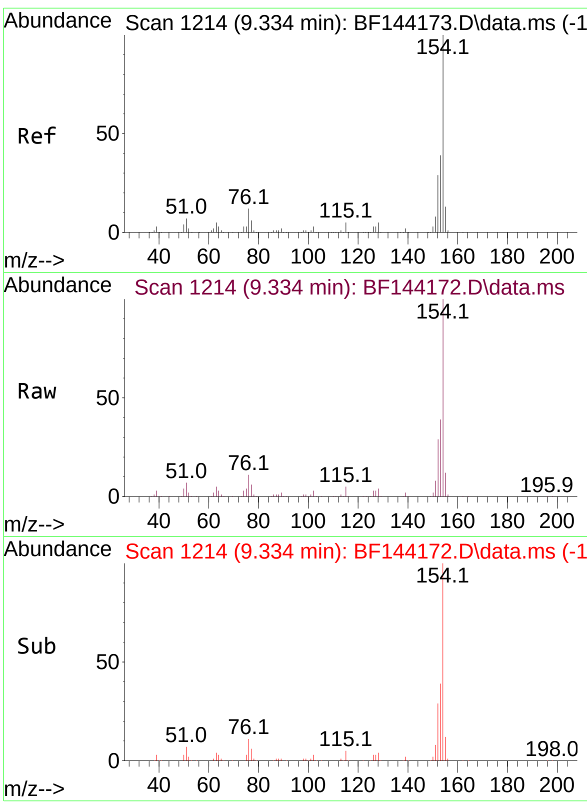


#45
2-Fluorobiphenyl
Concen: 40.208 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:172 Resp: 599169

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.1	42.1
170	23.6	18.6	28.0

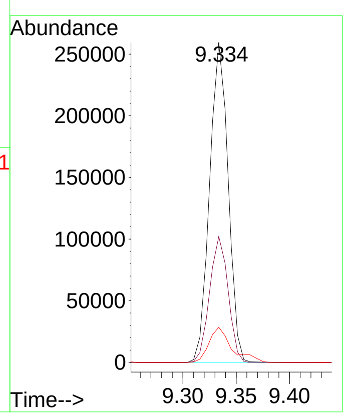




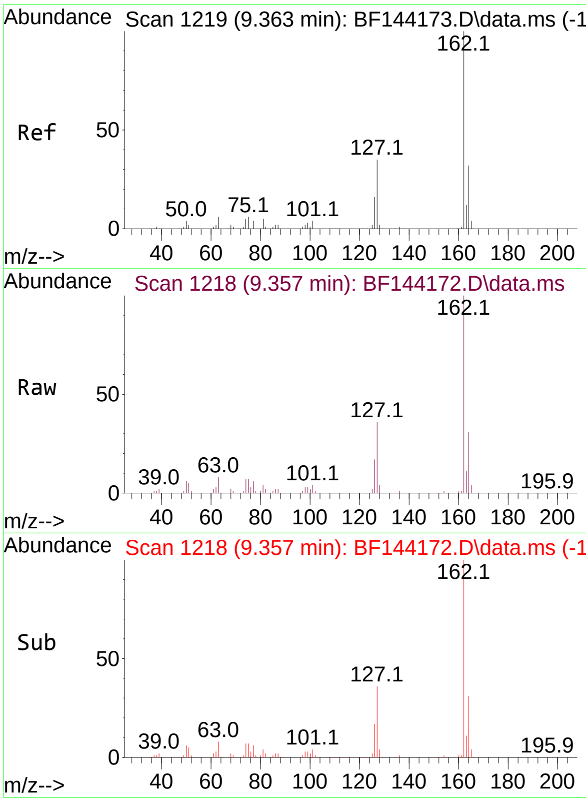
#46
1,1'-Biphenyl
Concen: 20.417 ng
RT: 9.334 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:154 Resp: 313667

Ion	Ratio	Lower	Upper
154	100		
153	39.3	19.2	59.2
76	11.0	0.0	31.8



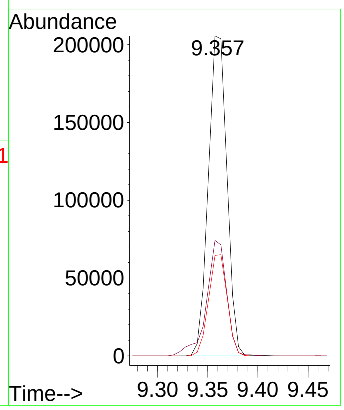
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

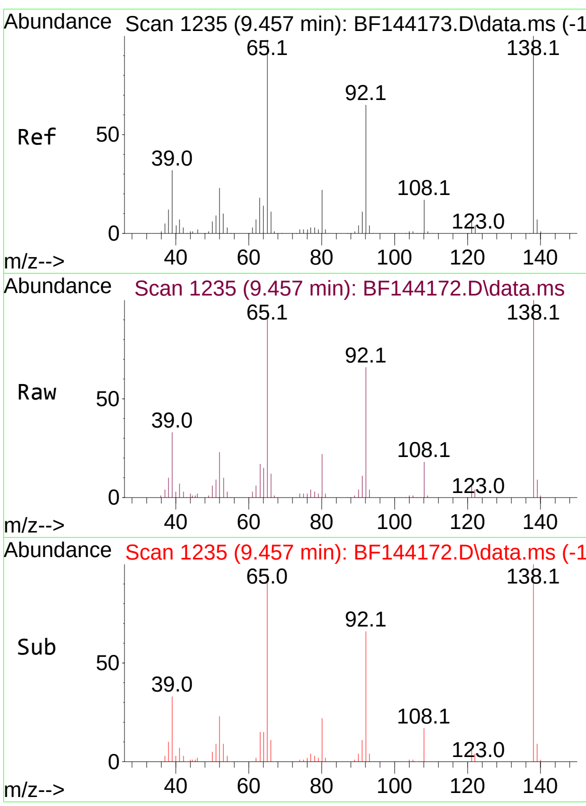


#47
2-Chloronaphthalene
Concen: 20.262 ng
RT: 9.357 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:162 Resp: 265522

Ion	Ratio	Lower	Upper
162	100		
127	36.1	28.8	43.2
164	31.4	25.8	38.8

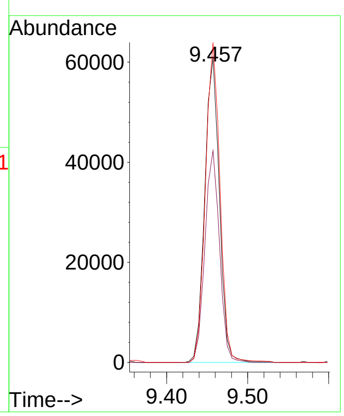




#48
2-Nitroaniline
Concen: 20.308 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 65 Resp: 76785

Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.0	79.6
138	105.1	81.6	122.4



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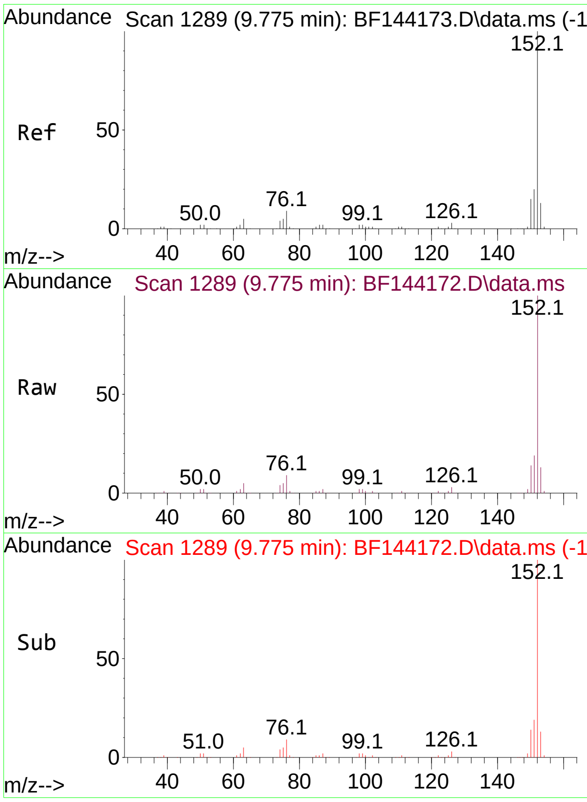


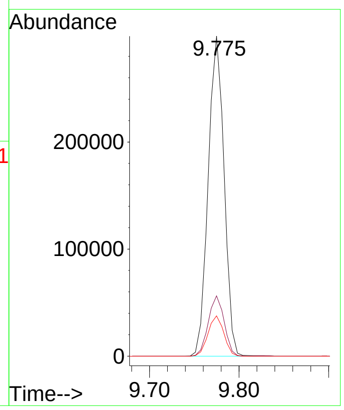
#49
Acenaphthylene
Concen: 20.664 ng
RT: 9.775 min Scan# 1

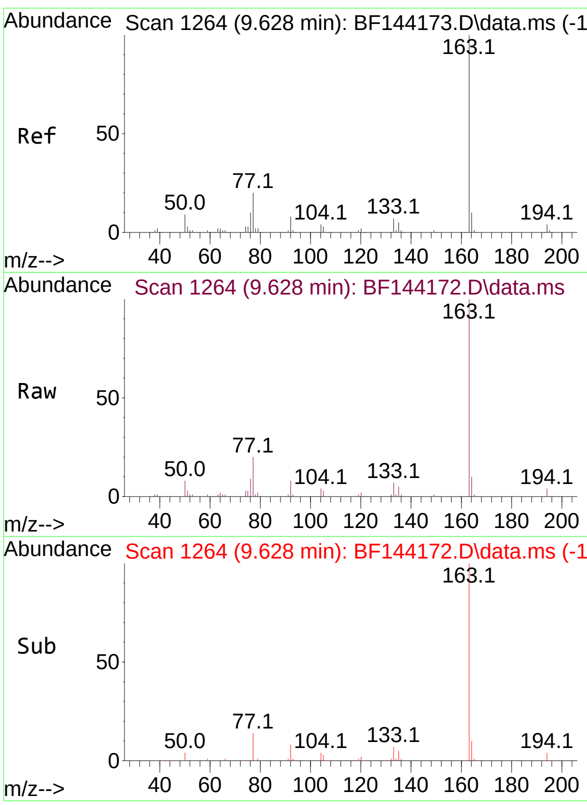
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:152 Resp: 369018

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.9	23.9
153	12.6	10.5	15.7

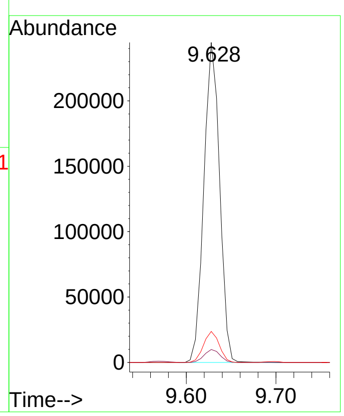




#50
Dimethylphthalate
Concen: 20.516 ng
RT: 9.628 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:163 Resp: 299125

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.7	8.1	12.1



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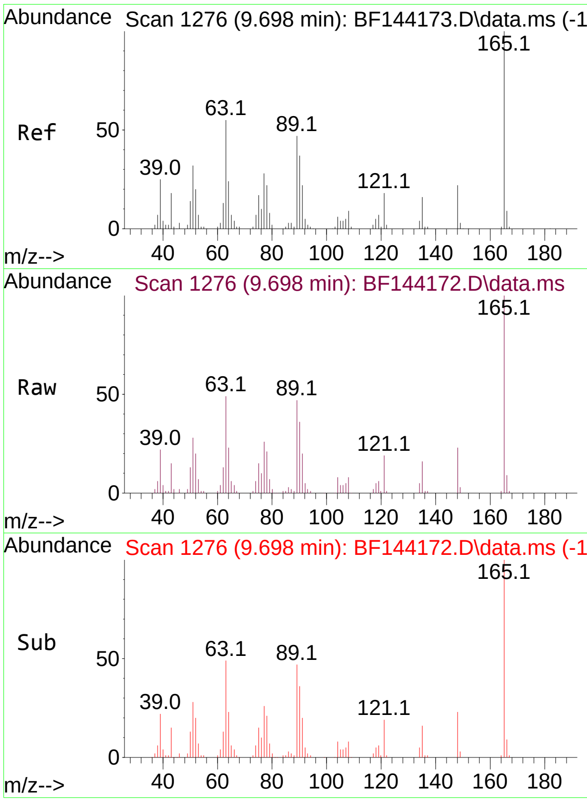
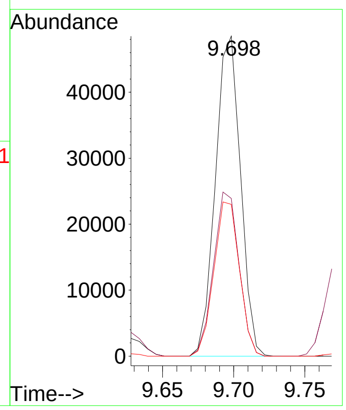
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

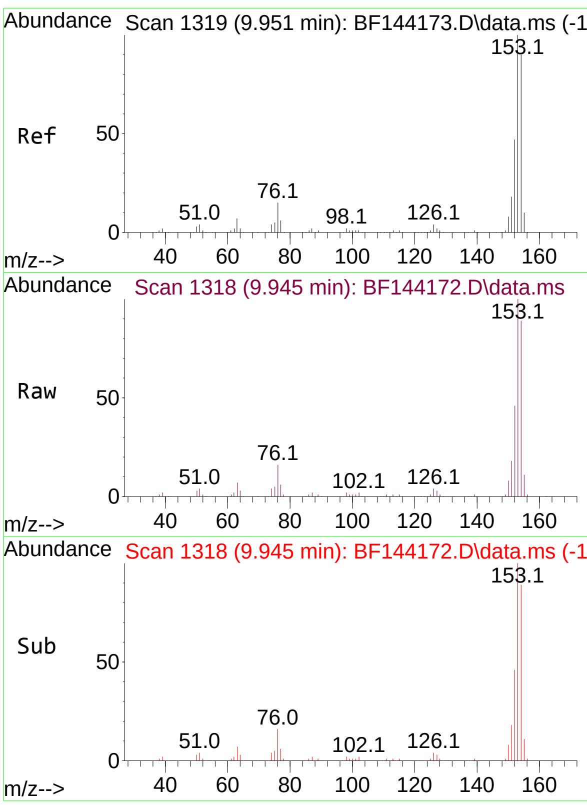


#51
2,6-Dinitrotoluene
Concen: 20.212 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:165 Resp: 59656

Ion	Ratio	Lower	Upper
165	100		
63	49.3	43.8	65.8
89	47.4	37.5	56.3

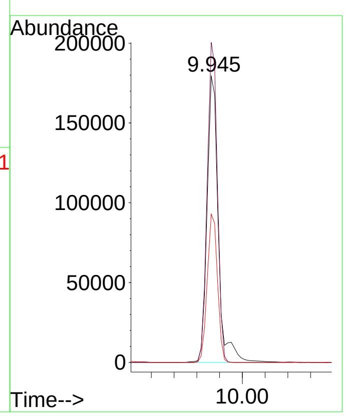




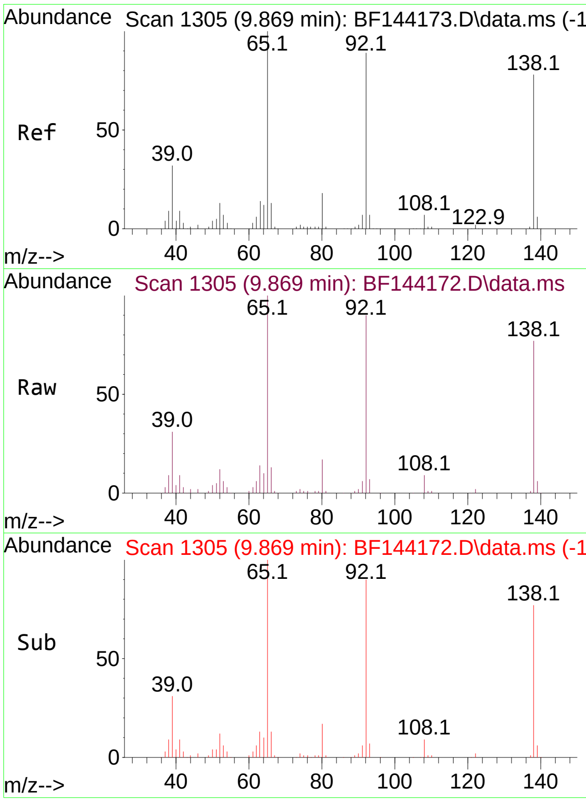
#52
Acenaphthene
Concen: 20.641 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:154 Resp: 246497

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.0	133.4
152	51.8	42.2	63.4



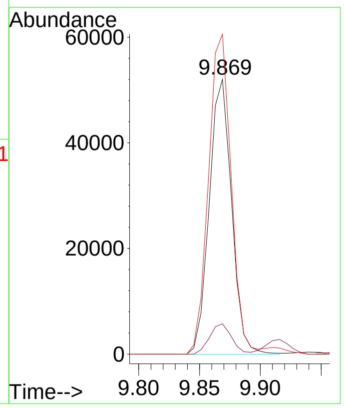
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

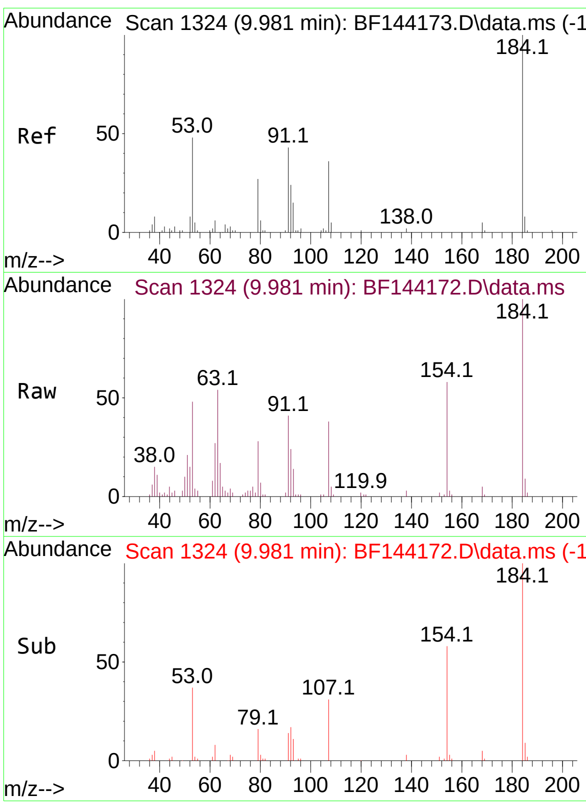


#53
3-Nitroaniline
Concen: 20.623 ng
RT: 9.869 min   Scan# 1
Delta R.T.   -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025   14:20

Tgt Ion:138 Resp: 66539

Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.5	11.3
92	116.4	91.8	137.6

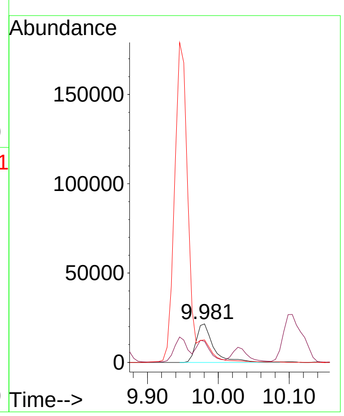




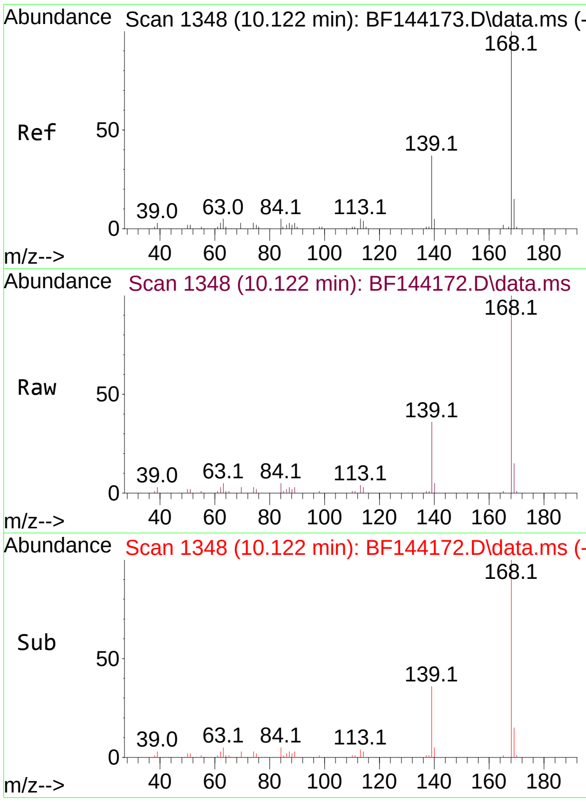
#54
2,4-Dinitrophenol
Concen: 20.453 ng
RT: 9.981 min   Scan# 1324
Delta R.T.   -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025   14:20

Tgt Ion:184 Resp: 36453

Ion	Ratio	Lower	Upper
184	100		
63	54.5	44.0	66.0
154	58.3	42.4	63.6



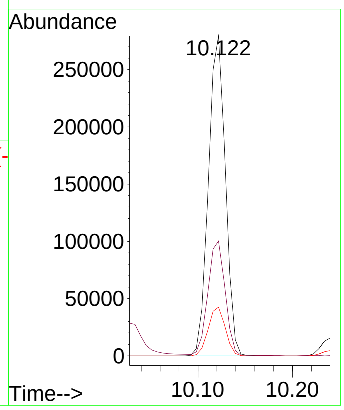
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

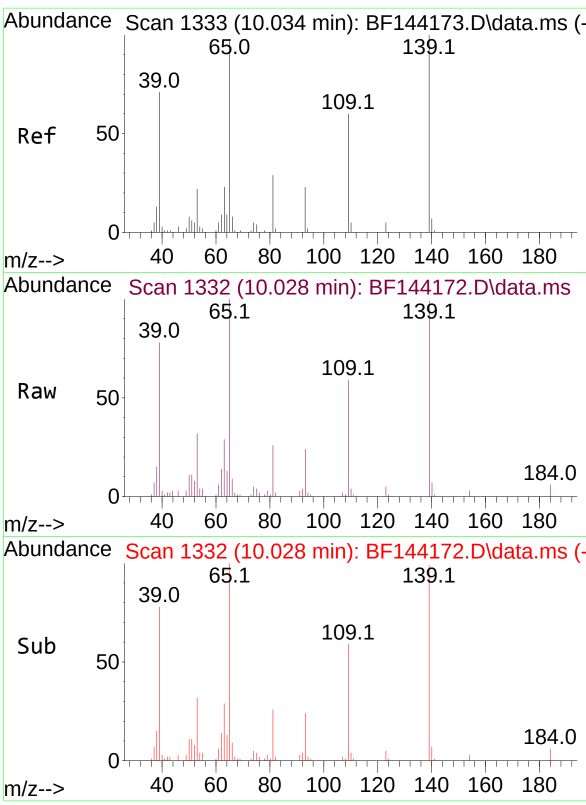


#55
Dibenzofuran
Concen: 20.864 ng
RT: 10.122 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:168 Resp: 348955

Ion	Ratio	Lower	Upper
168	100		
139	35.9	30.2	45.2
169	15.2	12.2	18.4

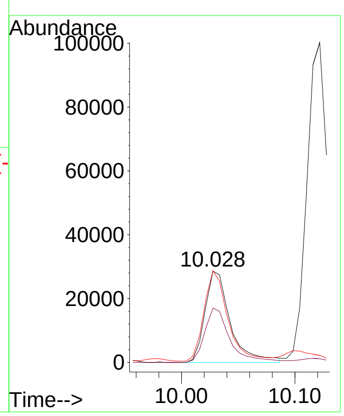




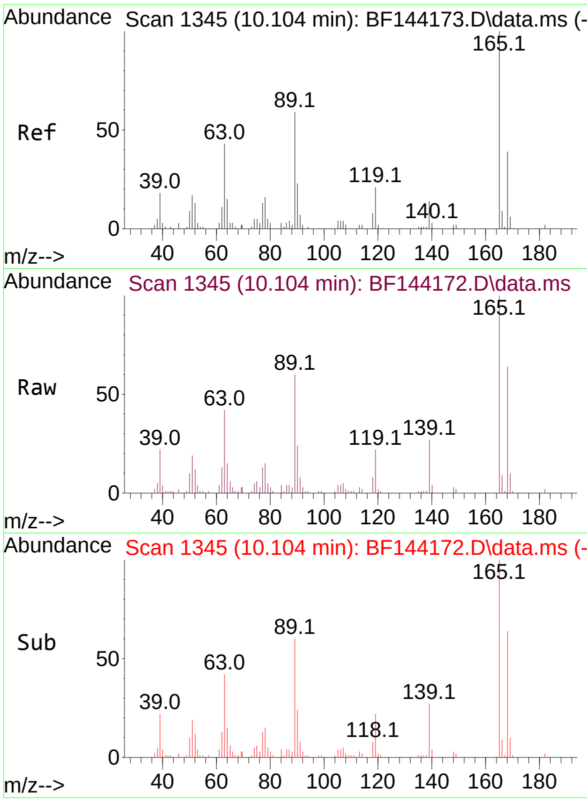
#56
4-Nitrophenol
Concen: 19.003 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:139 Resp: 44352

Ion	Ratio	Lower	Upper
139	100		
109	59.5	39.9	79.9
65	100.6	79.5	119.5



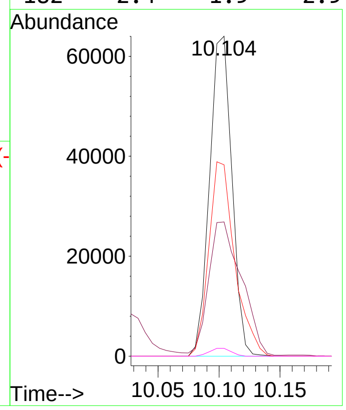
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

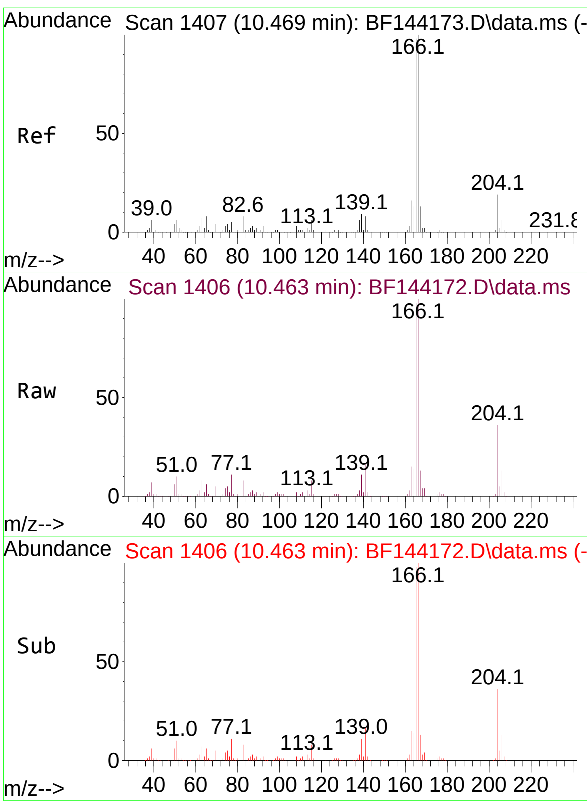


#57
2,4-Dinitrotoluene
Concen: 20.706 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:165 Resp: 81812

Ion	Ratio	Lower	Upper
165	100		
63	41.9	35.5	53.3
89	59.8	47.4	71.2
182	2.4	1.9	2.9

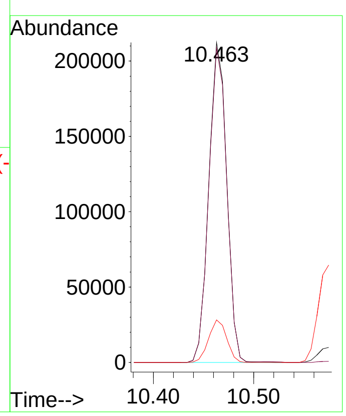




#58
Fluorene
Concen: 20.725 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:166 Resp: 263546

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	118.0
167	13.3	10.4	15.6



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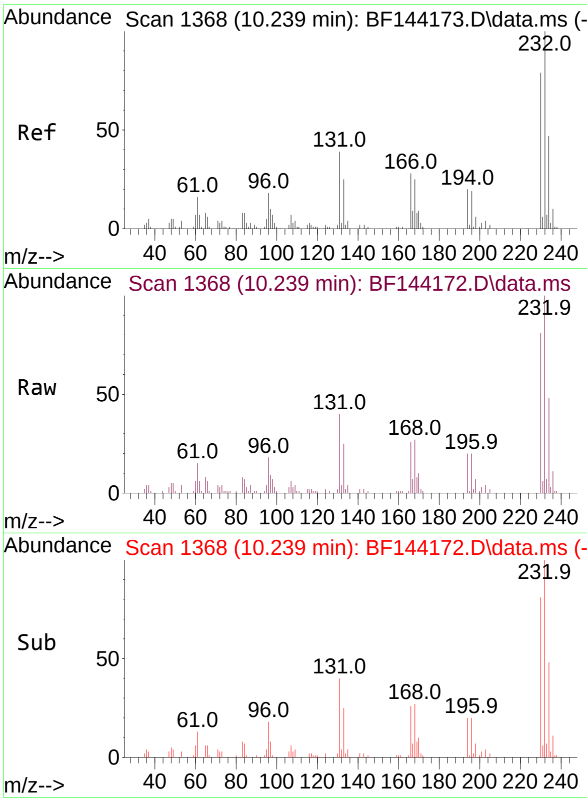
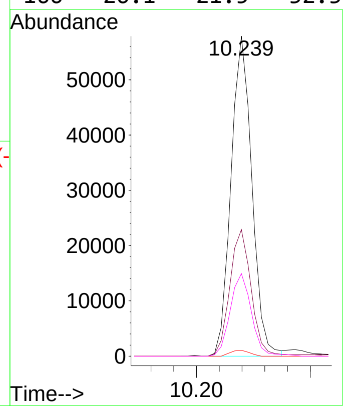
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

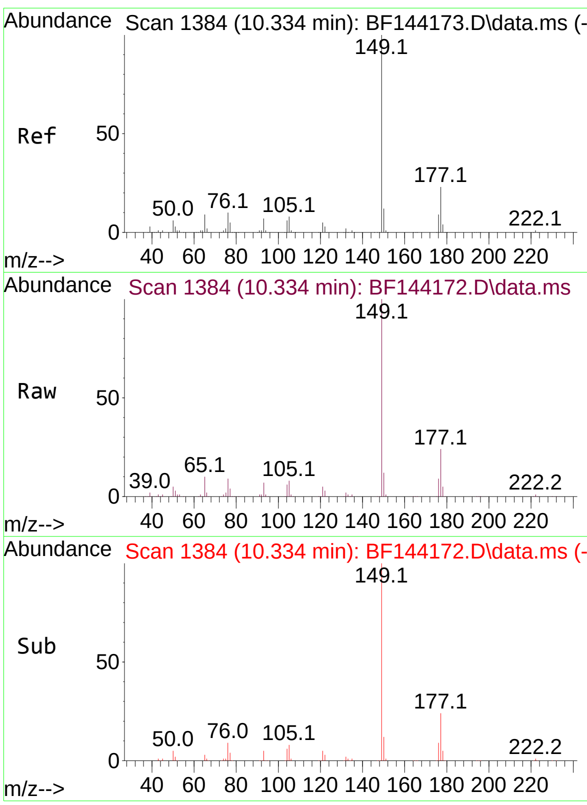


#59
2,3,4,6-Tetrachlorophenol
Concen: 19.762 ng
RT: 10.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:232 Resp: 73978

Ion	Ratio	Lower	Upper
232	100		
131	40.2	30.3	45.5
130	1.6	1.2	1.8
166	26.1	21.5	32.3

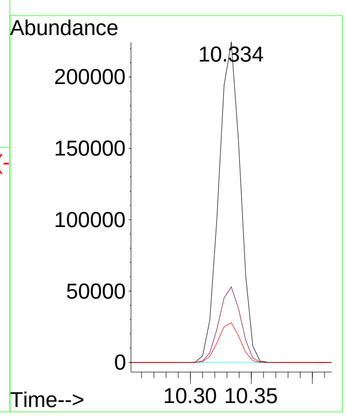




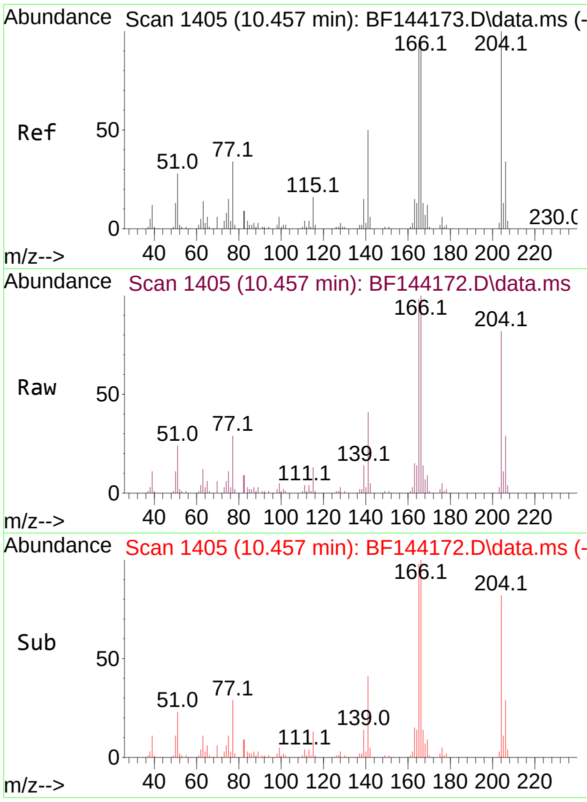
#60
Diethylphthalate
Concen: 20.535 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 276008

Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.3	27.5
150	12.4	9.8	14.6



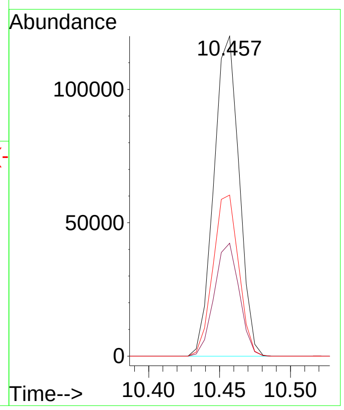
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

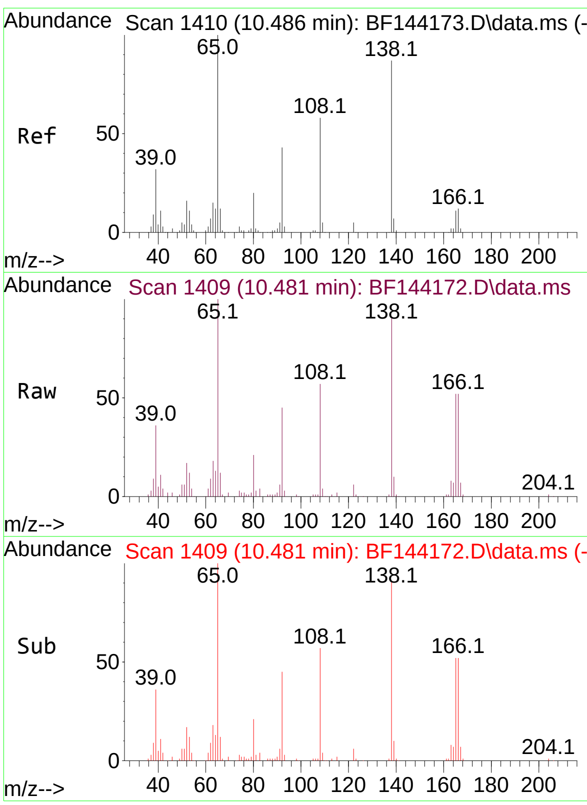


#61
4-Chlorophenyl-phenylether
Concen: 20.595 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:204 Resp: 149181

Ion	Ratio	Lower	Upper
204	100		
206	35.3	27.4	41.2
141	50.3	40.0	60.0

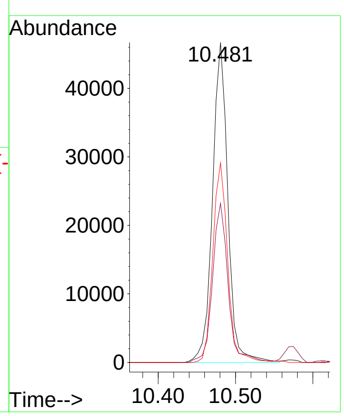




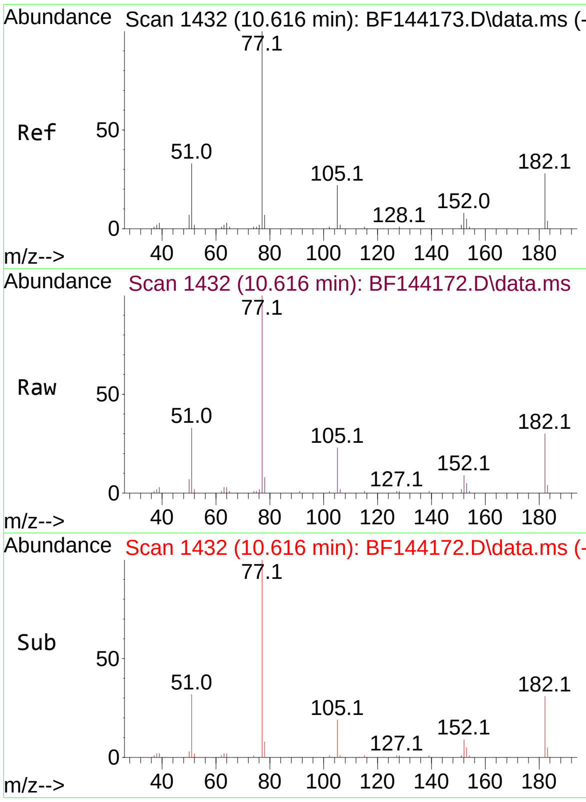
#62
4-Nitroaniline
Concen: 20.987 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.017 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:138 Resp: 64484

Ion	Ratio	Lower	Upper
138	100		
92	49.7	29.4	69.4
108	62.4	46.4	86.4



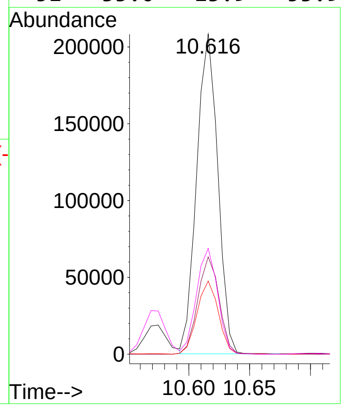
Instrument : BNA_F
ClientSampleId : SSTDICC020

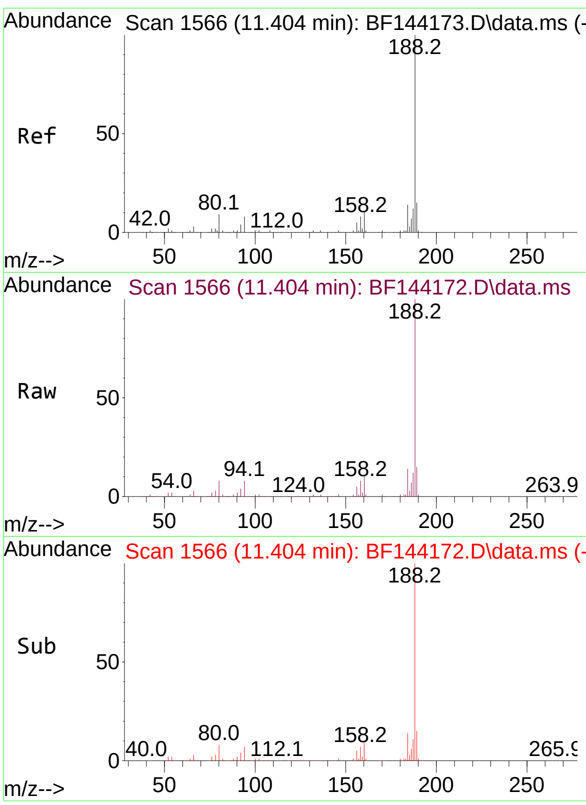


#63
Azobenzene
Concen: 20.147 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 77 Resp: 252025

Ion	Ratio	Lower	Upper
77	100		
182	30.4	8.1	48.1
105	22.8	2.0	42.0
51	33.0	13.9	53.9

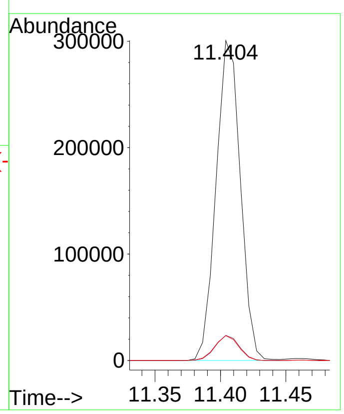




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:188 Resp: 388430

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	7.7	6.9	10.3



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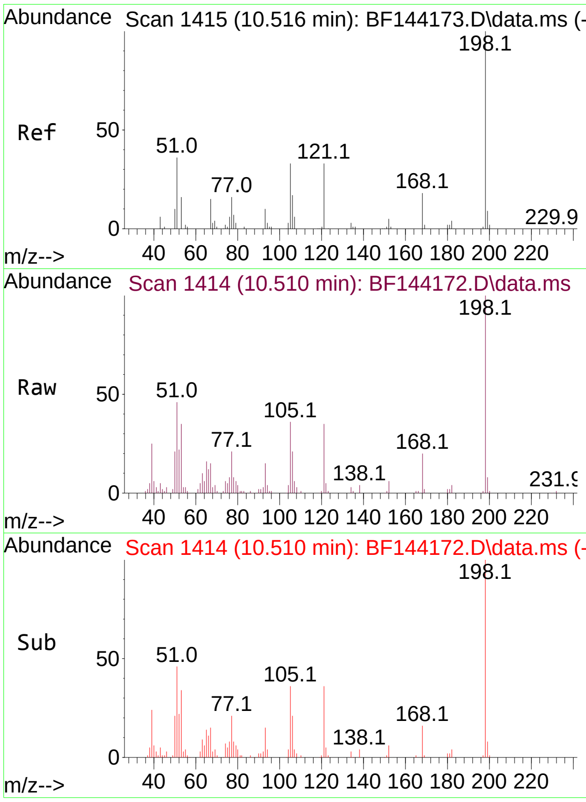
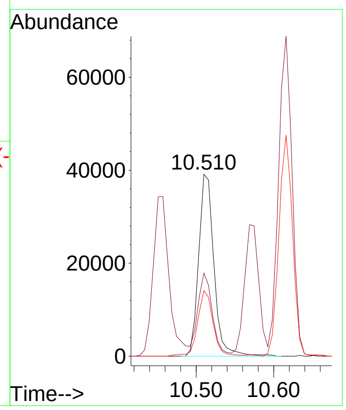
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

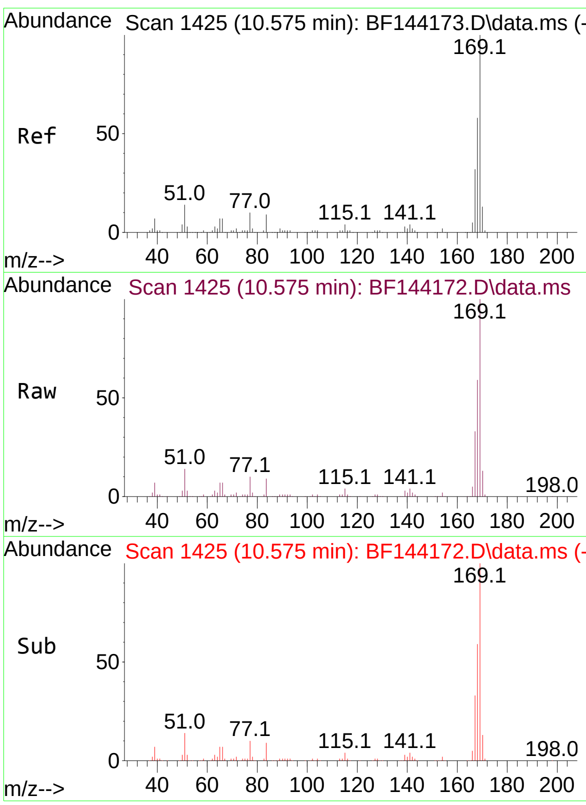


#65
4,6-Dinitro-2-methylphenol
Concen: 20.307 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:198 Resp: 53585

Ion	Ratio	Lower	Upper
198	100		
51	45.6	25.6	65.6
105	36.0	14.6	54.6

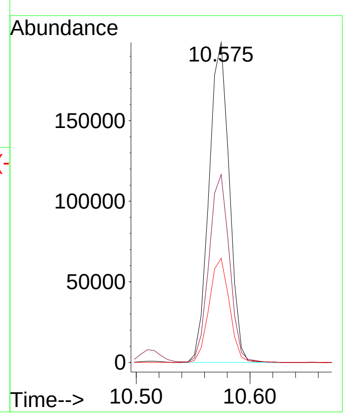


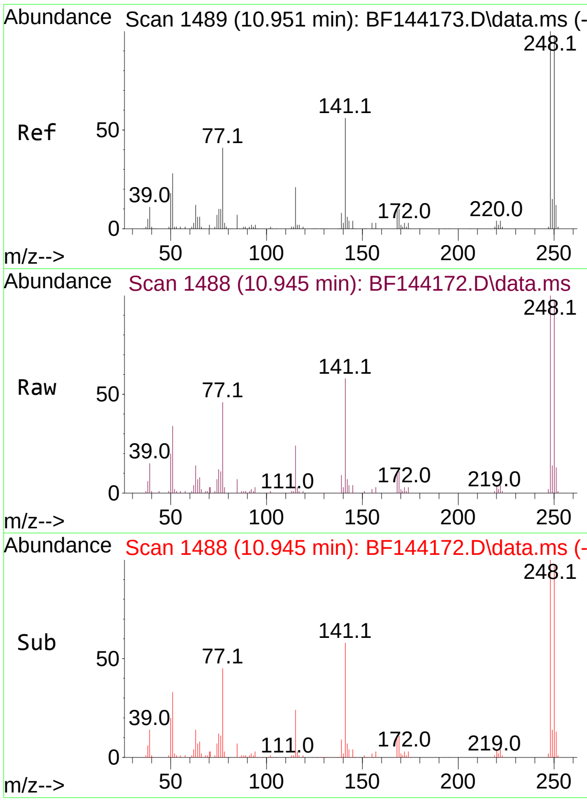


#66
n-Nitrosodiphenylamine
Concen: 19.743 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:169 Resp: 246642

Ion	Ratio	Lower	Upper
169	100		
168	58.7	46.2	69.2
167	32.5	25.7	38.5



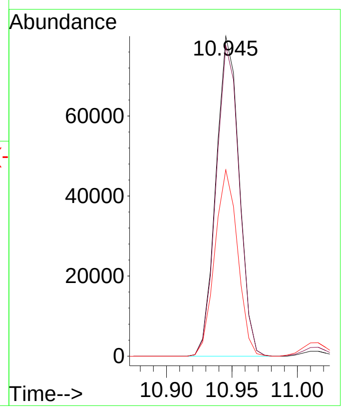


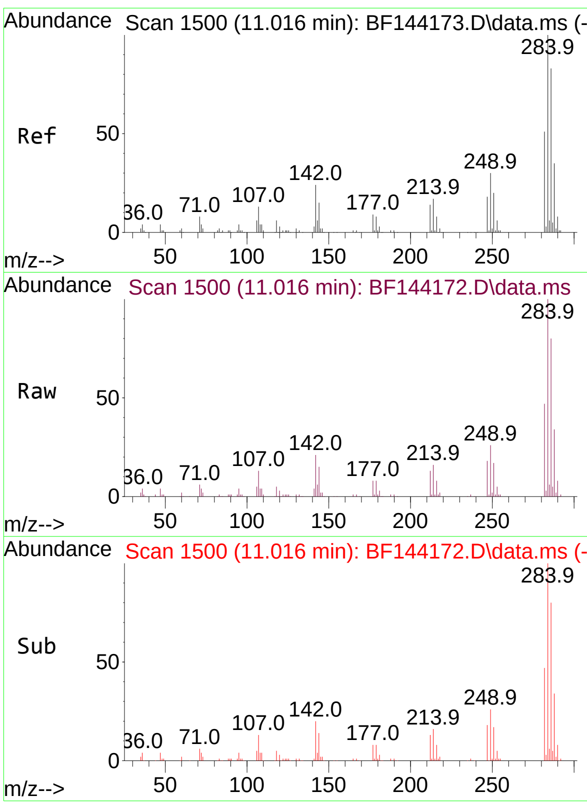
#67
4-Bromophenyl-phenylether
Concen: 19.959 ng
RT: 10.945 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 98958

Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.4	117.6
141	58.2	45.1	67.7

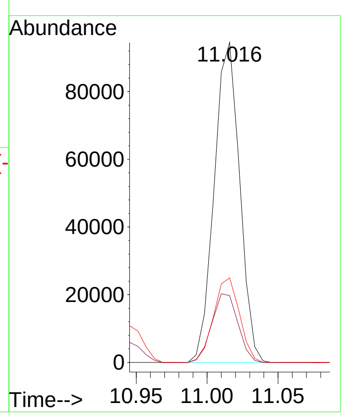




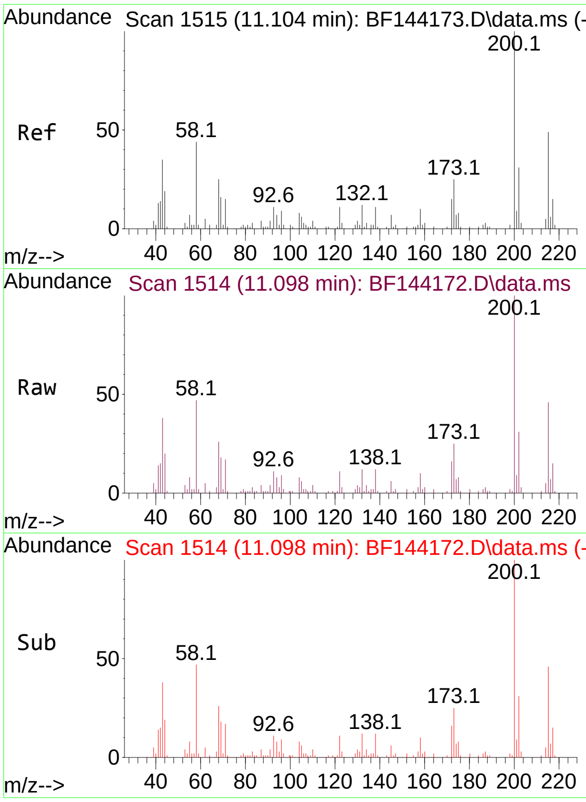
#68
Hexachlorobenzene
Concen: 20.279 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:284 Resp: 118426

Ion	Ratio	Lower	Upper
284	100		
142	20.9	19.2	28.8
249	26.4	23.8	35.8

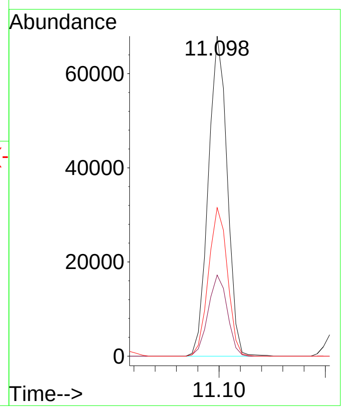


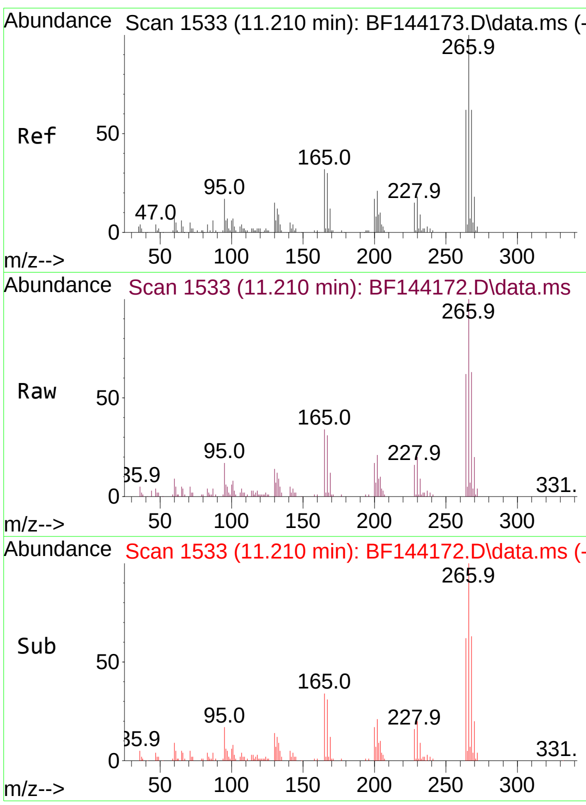
Instrument :
BNA_F
ClientSampleId :
SSTDICC020




```
#69
Atrazine
Concen:   21.052 ng
RT:  11.098 min  Scan# 15
Delta R.T.  -0.012 min
Lab File:   BF144172.D
Acq: 05 Nov 2025  14:20

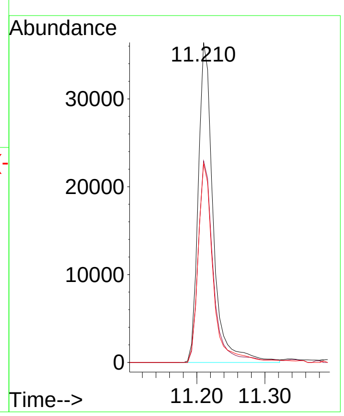
Tgt Ion:200 Resp:   83639
Ion  Ratio  Lower  Upper
200  100
173   25.3    5.0   45.0
215   46.4   28.7   68.7
```





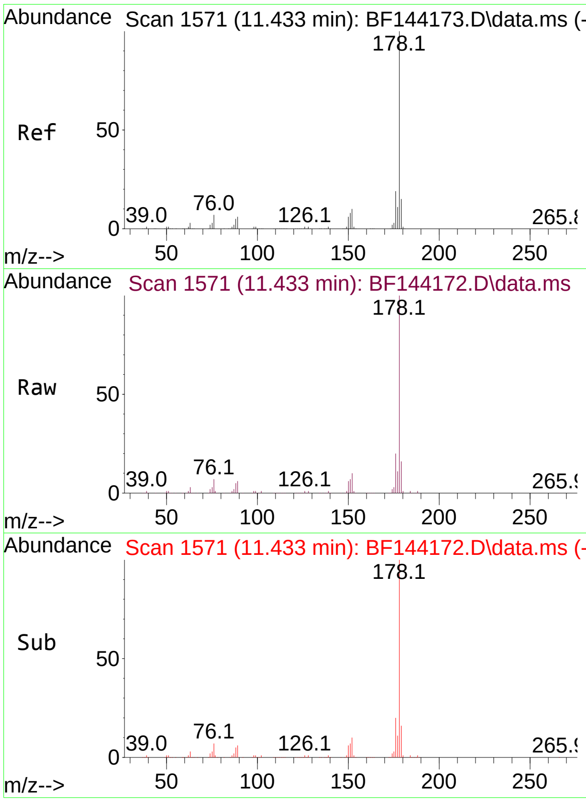

```
#70
Pentachlorophenol
Concen:   19.177 ng
RT:  11.210 min  Scan# 1533
Delta R.T.  -0.006 min
Lab File:   BF144172.D
Acq: 05 Nov 2025  14:20

Tgt Ion:266 Resp:   55766
Ion  Ratio  Lower  Upper
266  100
268   63.0   49.5   74.3
264   62.1   49.4   74.2
```



ICAL Form

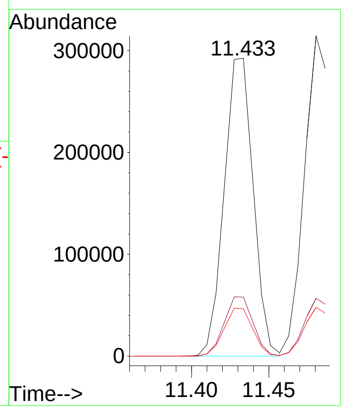
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

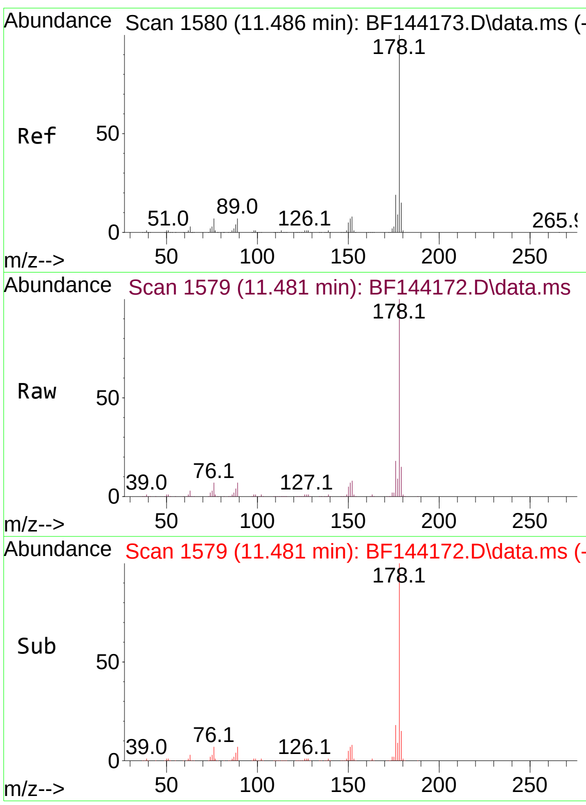


#71
Phenanthrene
Concen: 19.794 ng
RT: 11.433 min Scan# 15
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:178 Resp: 382805

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.9	12.2	18.4

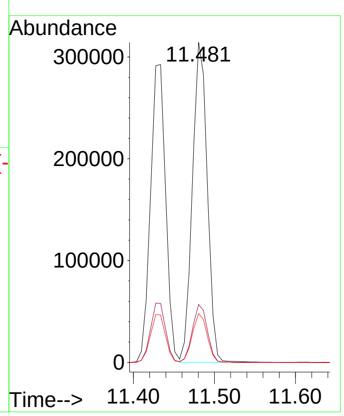




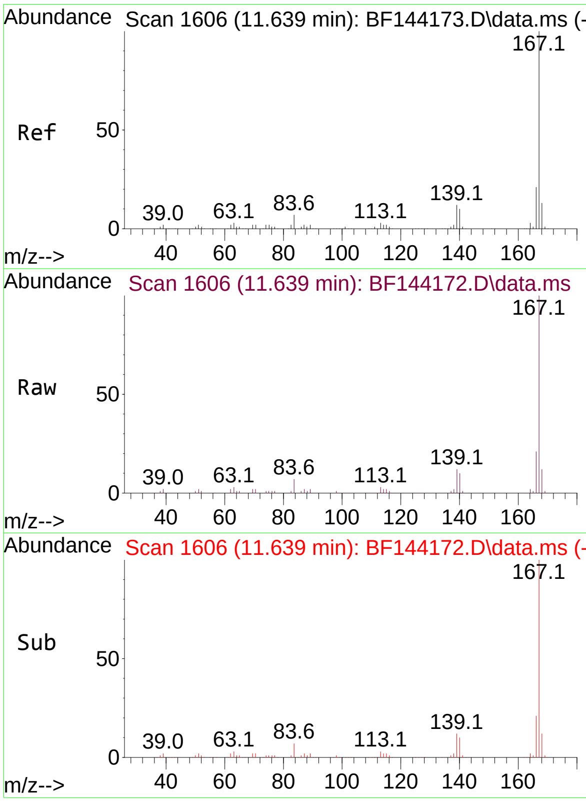
#72
Anthracene
Concen: 20.292 ng
RT: 11.481 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:178 Resp: 399043

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	15.3	12.0	18.0



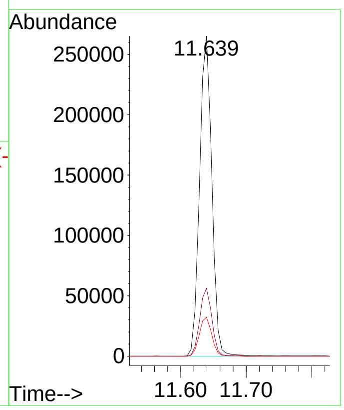
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

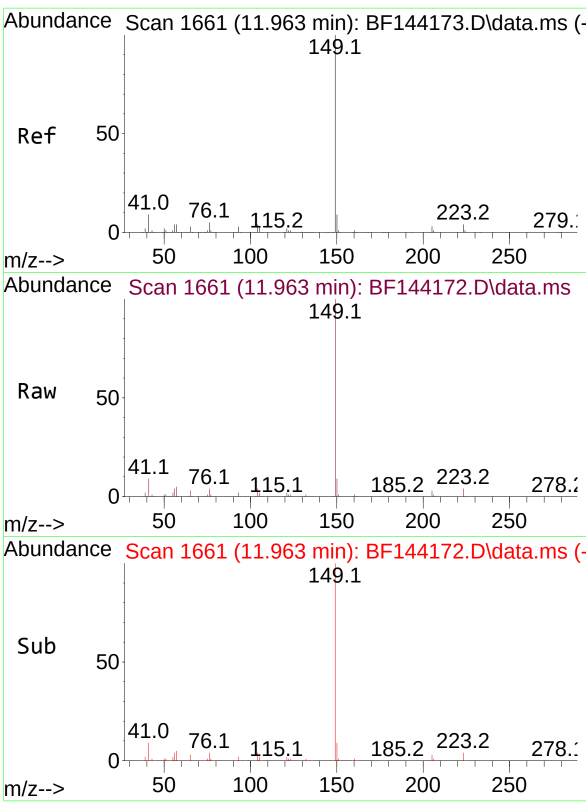


#73
Carbazole
Concen: 20.490 ng
RT: 11.639 min Scan# 16
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:167 Resp: 342636

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.2	9.9	14.9

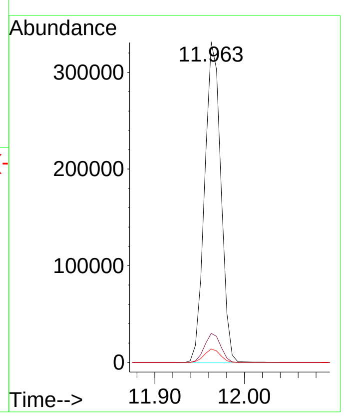




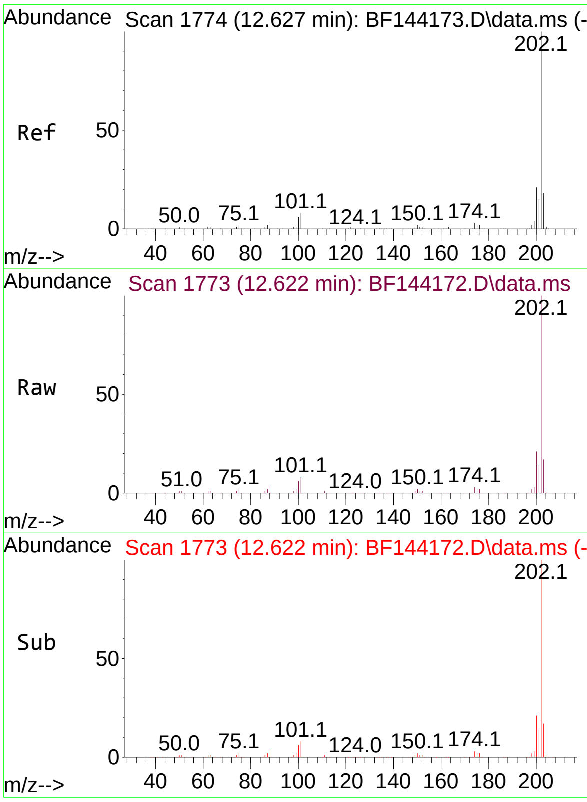
#74
Di-n-butylphthalate
Concen: 20.691 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 418262

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.2	3.4	5.2



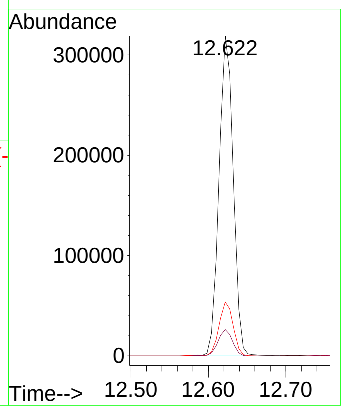
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

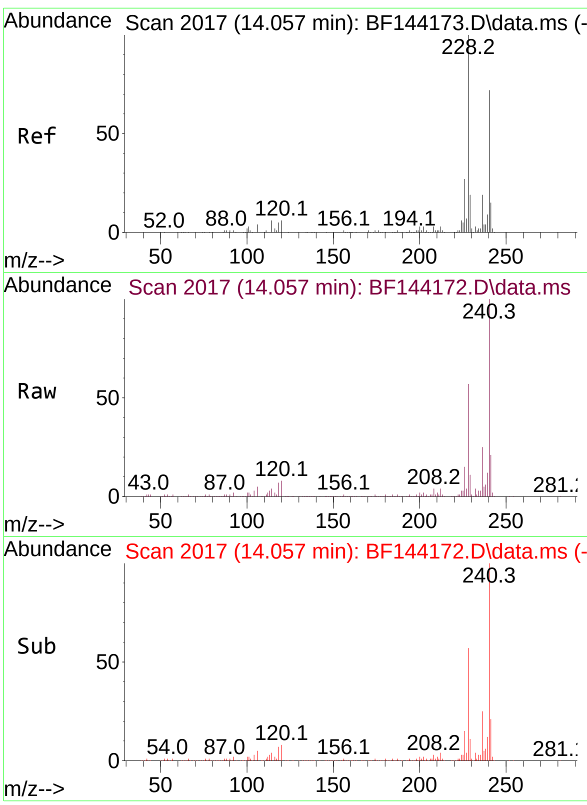


#75
Fluoranthene
Concen: 20.466 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:202 Resp: 408870

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	27.9
203	16.8	0.0	37.5

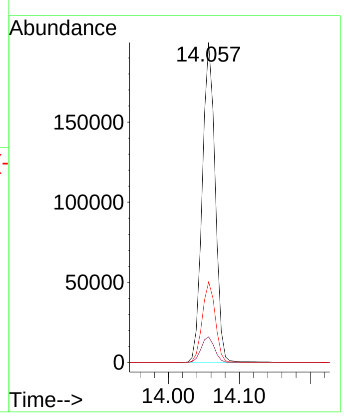




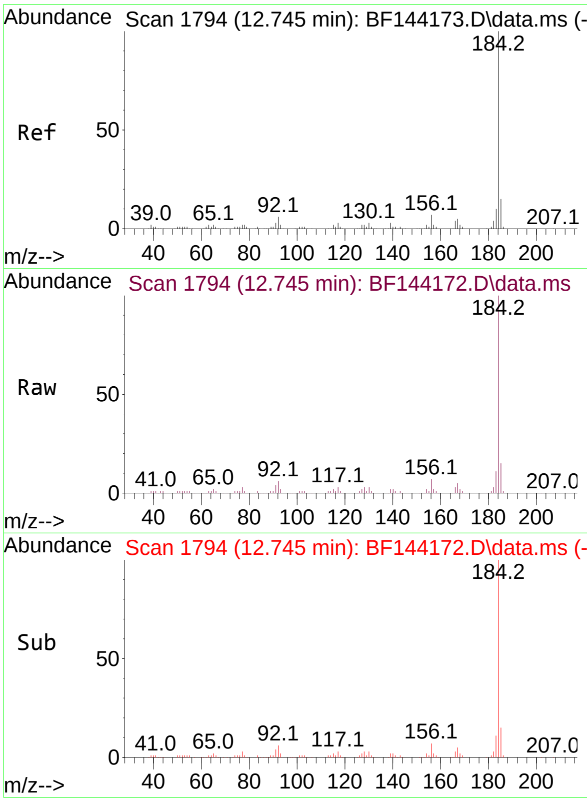
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:240 Resp: 250706

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.6	10.0
236	25.2	21.4	32.2



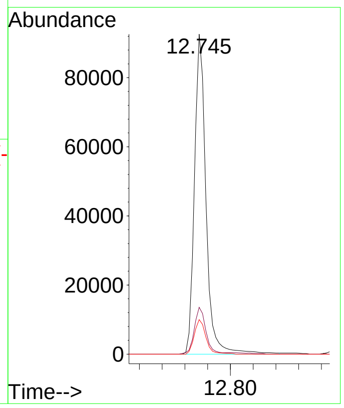
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

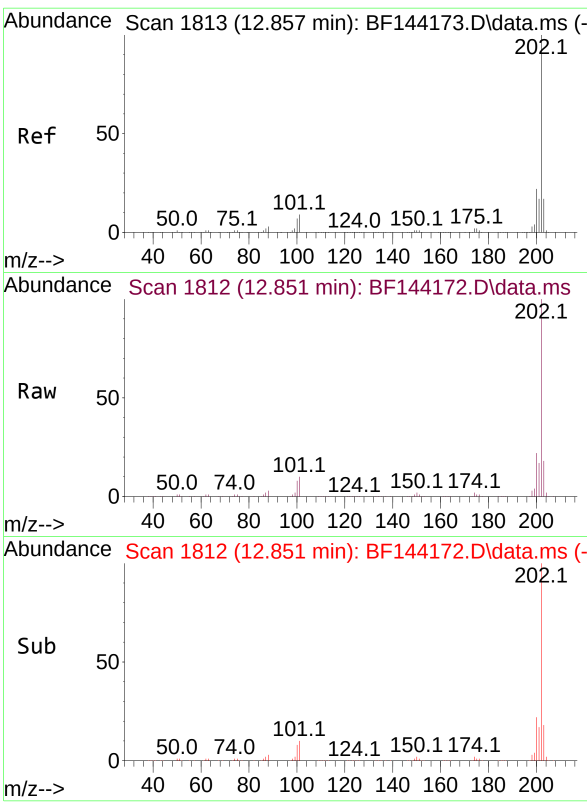


#77
Benzidine
Concen: 17.535 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:184 Resp: 130033

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	10.8	8.3	12.5

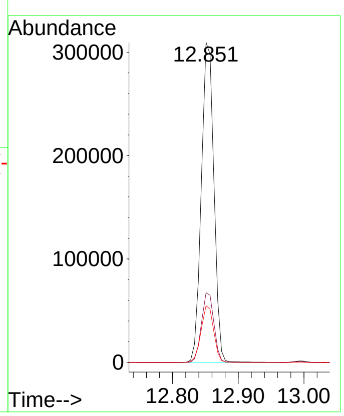




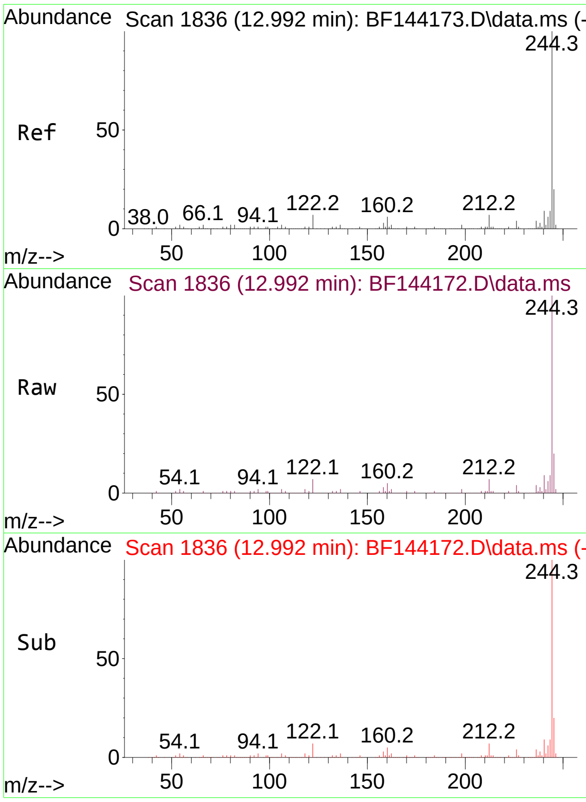
#78
Pyrene
Concen: 20.229 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:202 Resp: 408920

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	17.7	13.7	20.5



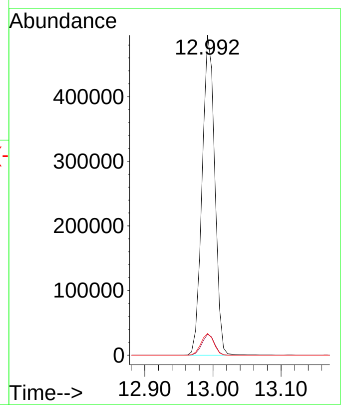
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

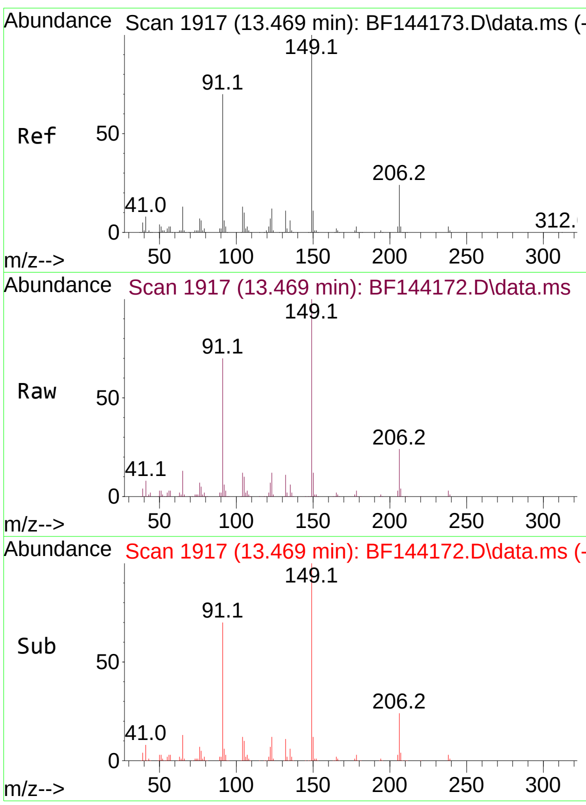


#79
Terphenyl-d14
Concen: 40.461 ng
RT: 12.992 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:244 Resp: 638611

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	6.8	5.6	8.4

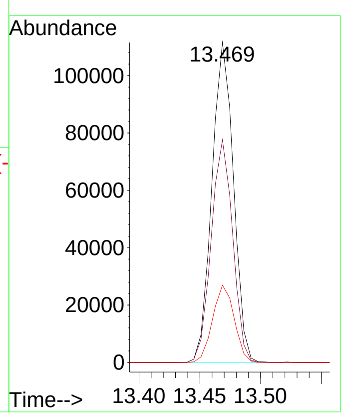




#80
Butylbenzylphthalate
Concen: 19.677 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 137856

Ion	Ratio	Lower	Upper
149	100		
91	69.5	56.1	84.1
206	24.1	18.8	28.2



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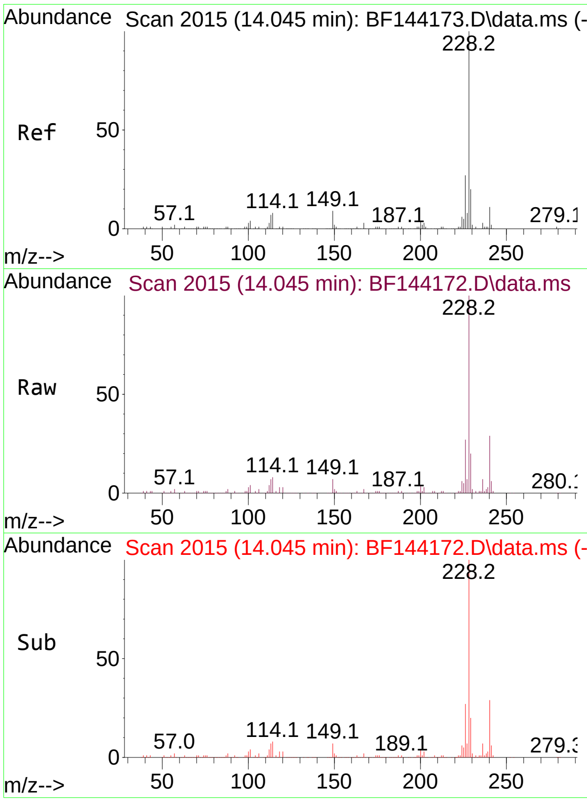
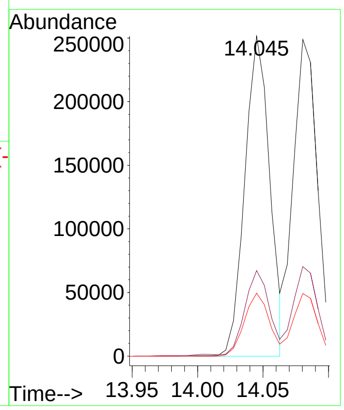
Instrument : BNA_F
ClientSampleId : SSTDICC020

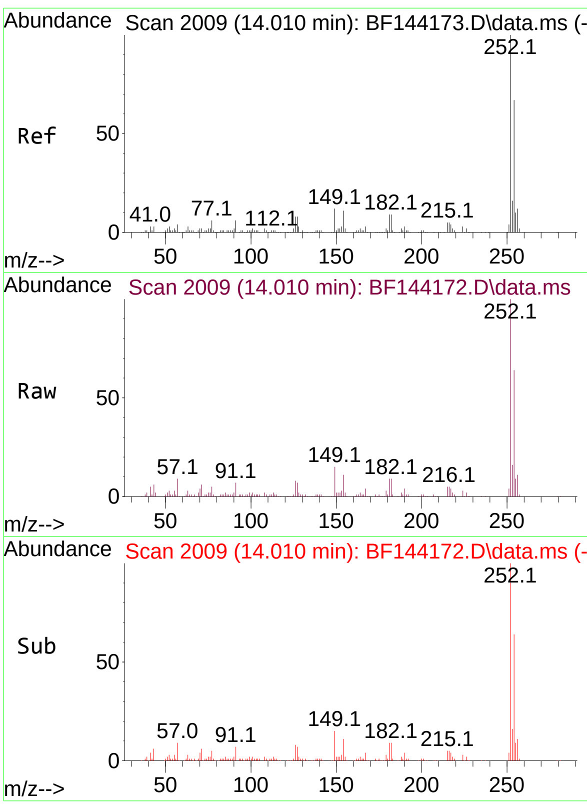


#81
Benzo(a)anthracene
Concen: 19.191 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:228 Resp: 333458

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.8
229	19.7	15.8	23.6

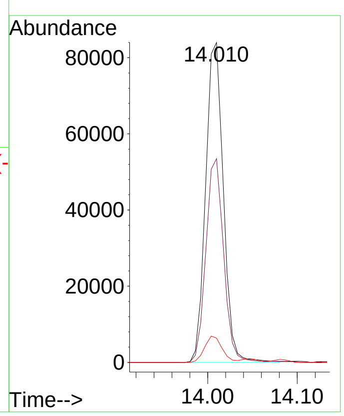




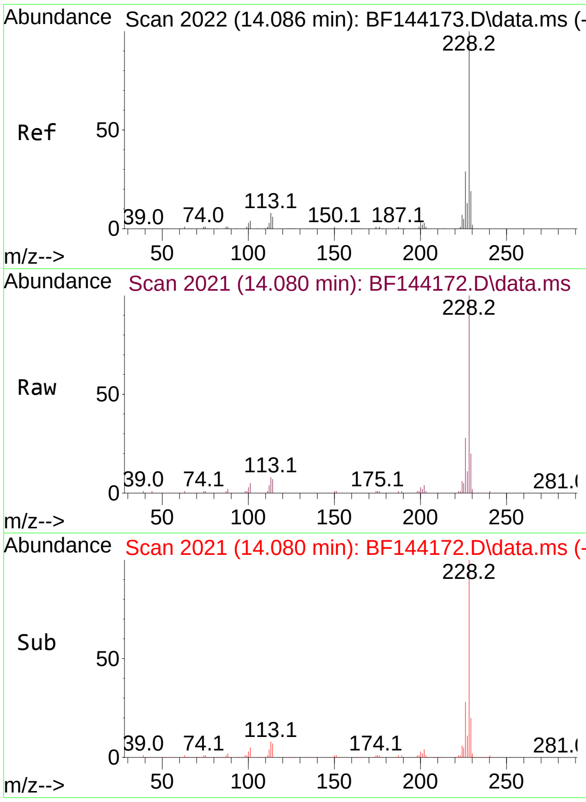
#82
3,3'-Dichlorobenzidine
Concen: 19.389 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:252 Resp: 115478

Ion	Ratio	Lower	Upper
252	100		
254	63.7	53.5	80.3
126	7.6	6.4	9.6



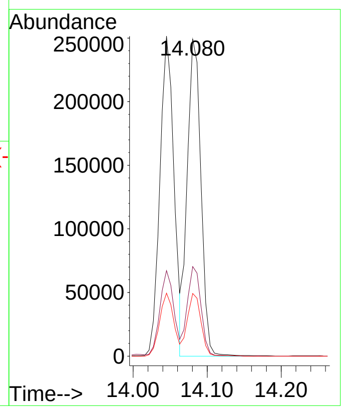
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

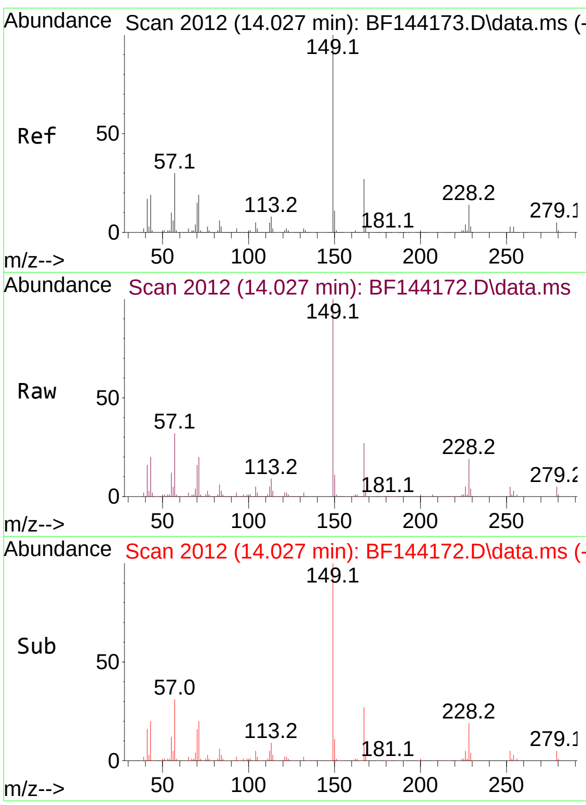


#83
Chrysene
Concen: 19.995 ng
RT: 14.080 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:228 Resp: 320726

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.9	34.3
229	19.8	15.0	22.6

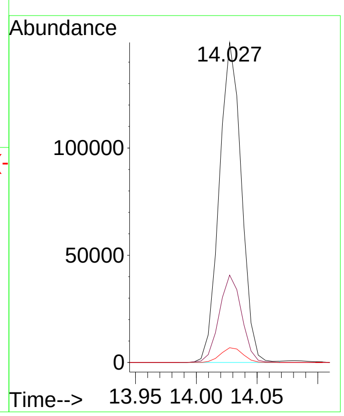




#84
Bis(2-ethylhexyl)phthalate
Concen: 19.738 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

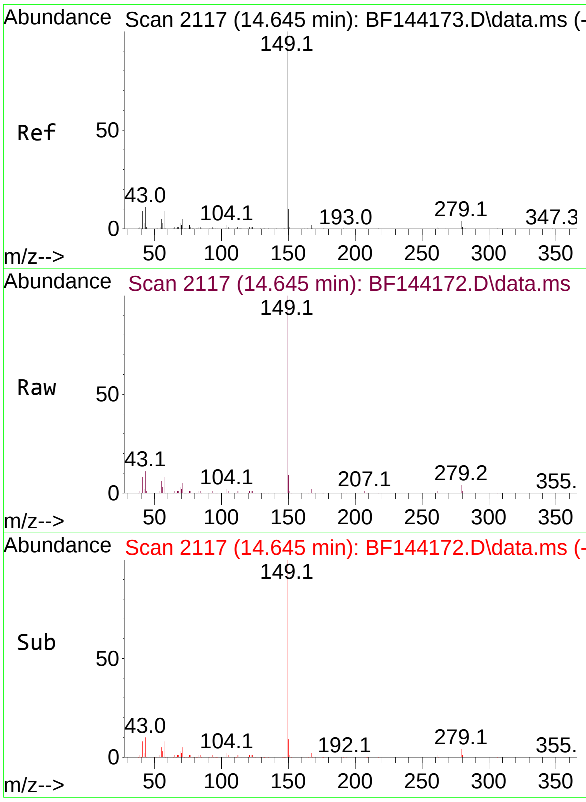
Tgt Ion:149 Resp: 189305

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.8
279	4.6	3.7	5.5



ICAL Form

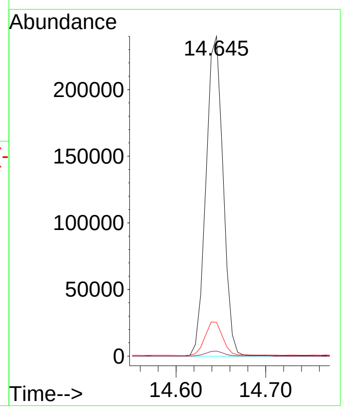
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

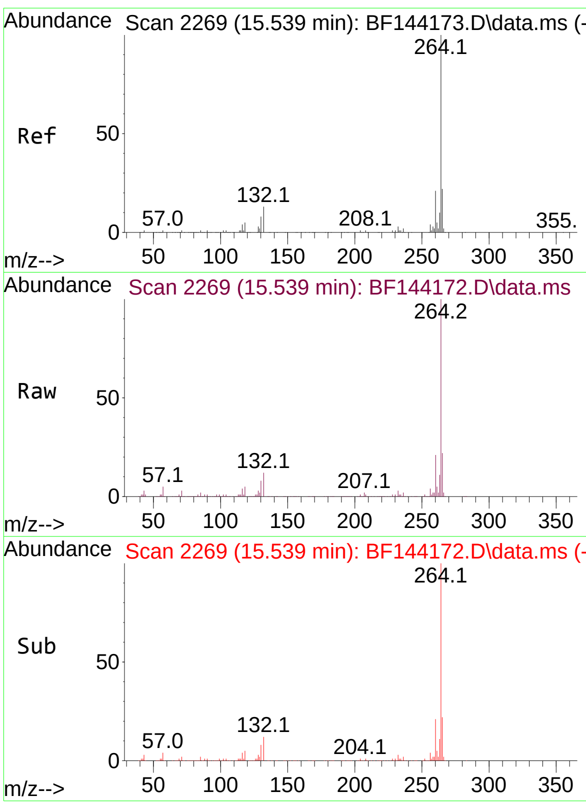


#85
Di-n-octyl phthalate
Concen: 19.268 ng
RT: 14.645 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 318841

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.0	9.0	13.4

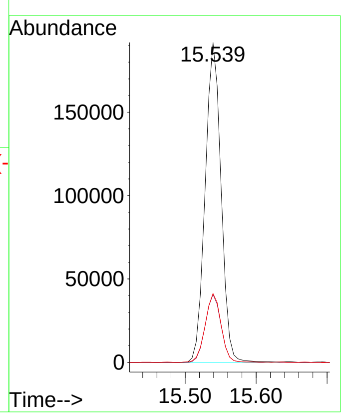


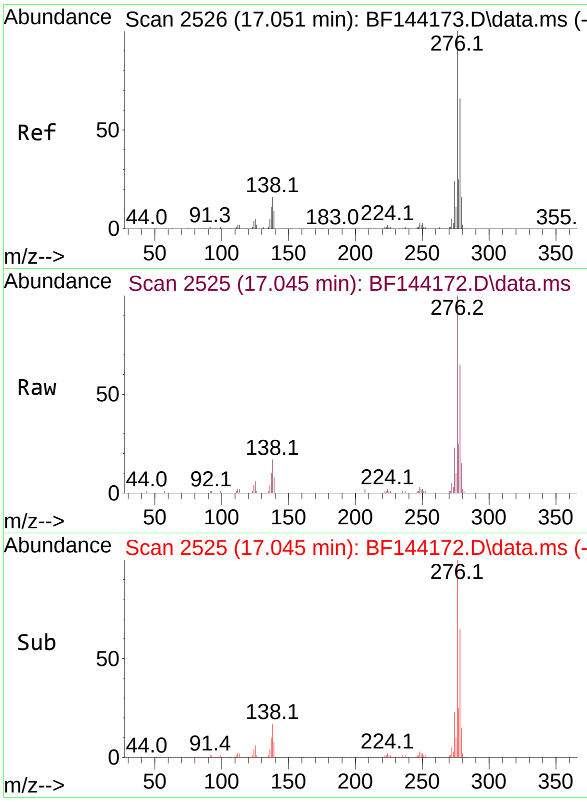


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:264 Resp: 297677

Ion	Ratio	Lower	Upper
264	100		
260	21.2	17.1	25.7
265	21.6	17.4	26.0



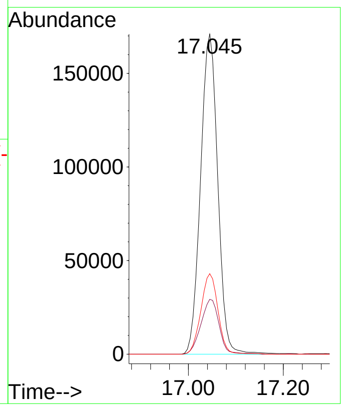


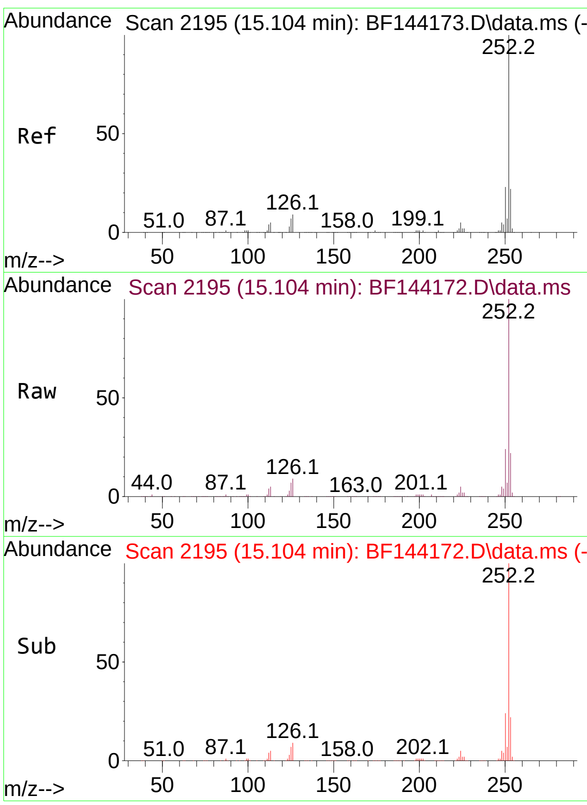
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.155 ng
RT: 17.045 min Scan# 25
Delta R.T. -0.017 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 430691

Ion	Ratio	Lower	Upper
276	100		
138	18.0	13.9	20.9
277	25.0	19.8	29.6

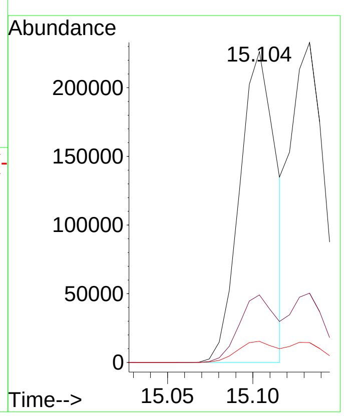




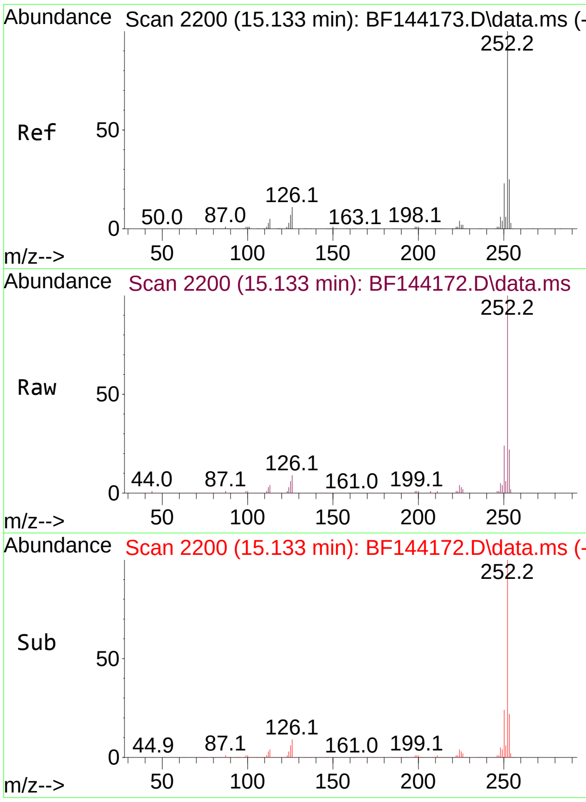
#88
Benzo(b)fluoranthene
Concen: 19.598 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:252 Resp: 331673

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	6.8	5.3	7.9



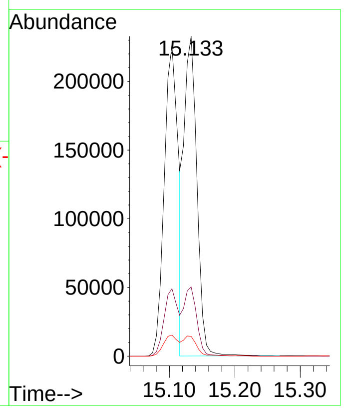
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

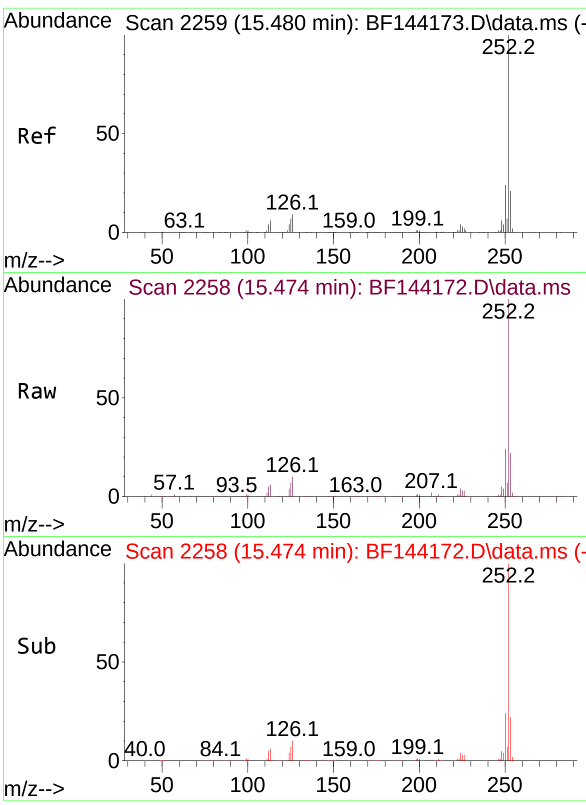


#89
Benzo(k)fluoranthene
Concen: 20.358 ng
RT: 15.133 min Scan# 2[illegible]
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:252 Resp: 322479

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	6.2	5.4	8.2

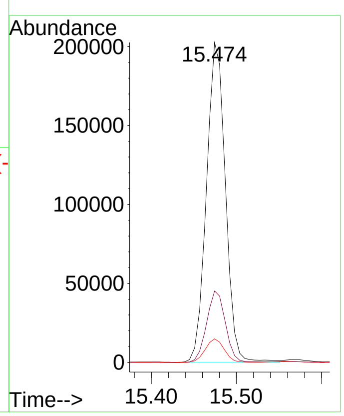




#90
Benzo(a)pyrene
Concen: 20.169 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

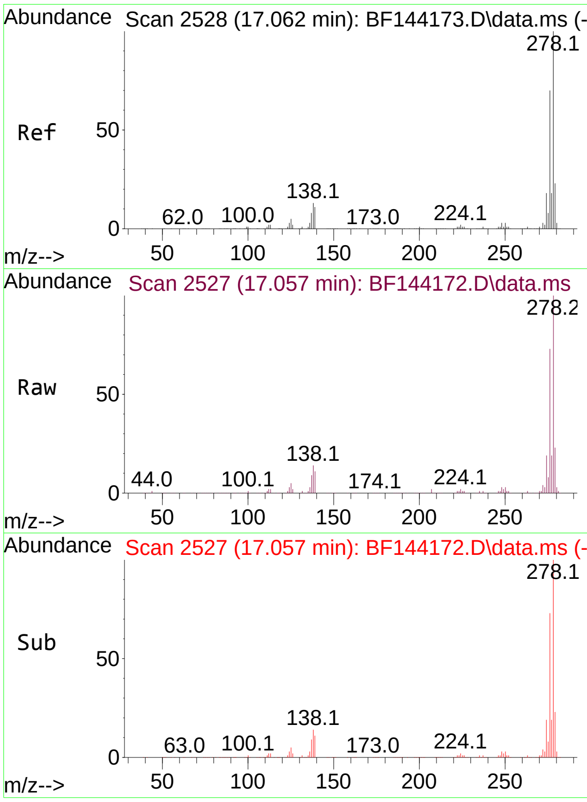
Tgt Ion:252 Resp: 314894

Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.7	25.1
125	7.4	5.7	8.5



ICAL Form

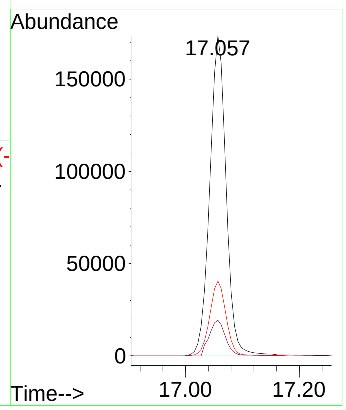
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

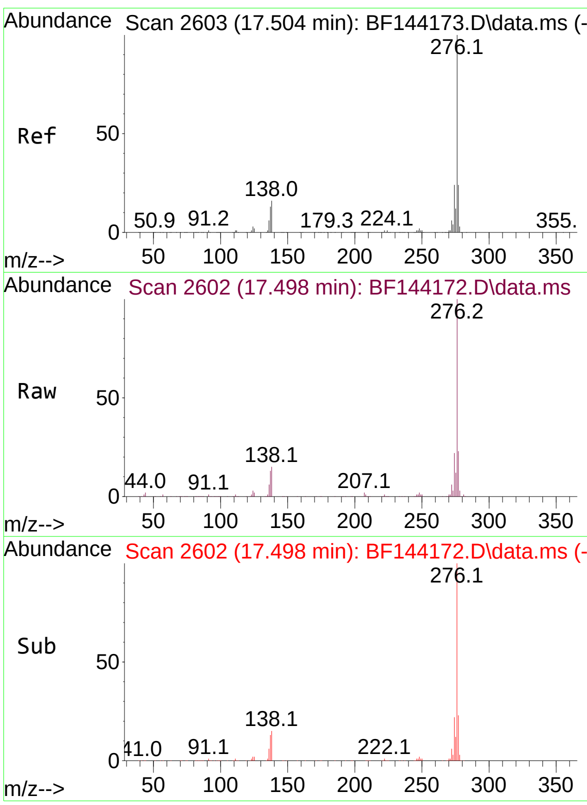


#91
Dibenzo(a,h)anthracene
Concen: 20.383 ng
RT: 17.057 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:278 Resp: 349788

Ion	Ratio	Lower	Upper
278	100		
139	11.1	9.1	13.7
279	23.4	18.2	27.4

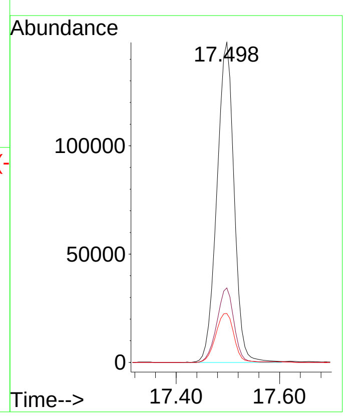




#92
Benzo(g,h,i)perylene
Concen: 20.248 ng
RT: 17.498 min Scan# 2602
Delta R.T. -0.023 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:276 Resp: 343144

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	15.3	12.9	19.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144173.D
Acq On : 05 Nov 2025 14:50
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.875	152	69901	20.000 ng	0.00
21) Naphthalene-d8	8.157	136	262306	20.000 ng	0.00
39) Acenaphthene-d10	9.916	164	148823	20.000 ng	0.00
64) Phenanthrene-d10	11.404	188	257329	20.000 ng	0.00
76) Chrysene-d12	14.057	240	162650	20.000 ng	0.00
86) Perylene-d12	15.539	264	208923	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.487	112	367722	82.322 ng	0.00
7) Phenol-d6	6.504	99	408339	80.678 ng	0.00
23) Nitrobenzene-d5	7.440	82	377687	83.160 ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	157795	84.493 ng	0.00
45) 2-Fluorobiphenyl	9.234	172	803464	79.737 ng	0.00
79) Terphenyl-d14	12.992	244	856515	83.645 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.605	88	77384	41.903 ng	100
3) Pyridine	3.375	79	212533	41.251 ng	100
4) n-Nitrosodimethylamine	3.322	42	108374	40.269 ng	100
6) Aniline	6.540	93	288906	40.064 ng	100
8) 2-Chlorophenol	6.657	128	179075	40.879 ng	100
9) Benzaldehyde	6.428	77	114062	39.909 ng	100
10) Phenol	6.516	94	259703	41.997 ng	100
11) bis(2-Chloroethyl)ether	6.610	93	184041	40.844 ng	100
12) 1,3-Dichlorobenzene	6.816	146	215469	39.861 ng	100
13) 1,4-Dichlorobenzene	6.893	146	222488	41.084 ng	100
14) 1,2-Dichlorobenzene	7.045	146	207631	40.001 ng	100
15) Benzyl Alcohol	7.016	79	162316	40.501 ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	338078	40.743 ng	100
17) 2-Methylphenol	7.128	107	144386	41.431 ng	100
18) Hexachloroethane	7.387	117	74377	41.339 ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	132769	39.848 ng	100
20) 3+4-Methylphenols	7.281	107	169917	41.361 ng	100
22) Acetophenone	7.287	105	227627	40.452 ng	100
24) Nitrobenzene	7.457	77	203520	41.272 ng	100
25) Isophorone	7.692	82	352919	41.082 ng	100
26) 2-Nitrophenol	7.775	139	103181	42.269 ng	100
27) 2,4-Dimethylphenol	7.810	122	156535	42.784 ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	221900	41.364 ng	100
29) 2,4-Dichlorophenol	8.016	162	173779	41.210 ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	176777	40.825 ng	100
31) Naphthalene	8.181	128	508521	40.755 ng	100
32) Benzoic acid	7.916	122	94209	35.128 ng	100
33) 4-Chloroaniline	8.228	127	190054	41.763 ng	100
34) Hexachlorobutadiene	8.292	225	135990	41.671 ng	100
35) Caprolactam	8.598	113	48459	41.945 ng	100
36) 4-Chloro-3-methylphenol	8.710	107	155844	41.237 ng	100
37) 2-Methylnaphthalene	8.869	142	339639	40.712 ng	100
38) 1-Methylnaphthalene	8.969	142	325483	40.435 ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	200998	41.210 ng	100
41) Hexachlorocyclopentadiene	9.022	237	59520	39.991 ng	100
43) 2,4,6-Trichlorophenol	9.151	196	135691	40.875 ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144173.D
Acq On : 05 Nov 2025 14:50
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	145405	40.641	ng	100
46)	1,1'-Biphenyl	9.334	154	419119	40.345	ng	100
47)	2-Chloronaphthalene	9.363	162	358514	40.458	ng	100
48)	2-Nitroaniline	9.457	65	107536	42.059	ng	100
49)	Acenaphthylene	9.775	152	489708	40.553	ng	100
50)	Dimethylphthalate	9.628	163	400479	40.620	ng	100
51)	2,6-Dinitrotoluene	9.698	165	82166	41.169	ng	100
52)	Acenaphthene	9.951	154	326285	40.406	ng	100
53)	3-Nitroaniline	9.869	138	93636	42.918	ng	100
54)	2,4-Dinitrophenol	9.981	184	41716	34.614	ng	100
55)	Dibenzofuran	10.122	168	461538	40.810	ng	100
56)	4-Nitrophenol	10.034	139	60643	38.426	ng	100
57)	2,4-Dinitrotoluene	10.104	165	114508	42.858	ng	100
58)	Fluorene	10.469	166	351182	40.841	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.239	232	106411	42.037	ng	100
60)	Diethylphthalate	10.334	149	373187	41.061	ng	100
61)	4-Chlorophenyl-phenyle...	10.457	204	203750	41.598	ng	100
62)	4-Nitroaniline	10.486	138	85679	41.237	ng	100
63)	Azobenzene	10.616	77	346367	40.948	ng	100
65)	4,6-Dinitro-2-methylph...	10.516	198	67029	38.343	ng	100
66)	n-Nitrosodiphenylamine	10.575	169	332623	40.189	ng	100
67)	4-Bromophenyl-phenylether	10.951	248	135319	41.198	ng	100
68)	Hexachlorobenzene	11.016	284	154532	39.943	ng	100
69)	Atrazine	11.104	200	105912	40.239	ng	100
70)	Pentachlorophenol	11.210	266	80306	41.685	ng	100
71)	Phenanthrene	11.433	178	519052	40.513	ng	100
72)	Anthracene	11.486	178	525954	40.372	ng	100
73)	Carbazole	11.639	167	451935	40.796	ng	100
74)	Di-n-butylphthalate	11.963	149	550628	41.117	ng	100
75)	Fluoranthene	12.627	202	542525	40.992	ng	100
77)	Benzidine	12.745	184	202921	42.178	ng	100
78)	Pyrene	12.857	202	554374	42.272	ng	100
80)	Butylbenzylphthalate	13.469	149	191850	42.209	ng	100
81)	Benzo(a)anthracene	14.045	228	465201	41.267	ng	100
82)	3,3'-Dichlorobenzidine	14.010	252	156957	40.620	ng	100
83)	Chrysene	14.086	228	456347	43.853	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.027	149	265384	42.651	ng	100
85)	Di-n-octyl phthalate	14.645	149	458823	42.739	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.051	276	620668	41.385	ng	100
88)	Benzo(b)fluoranthene	15.104	252	515192	43.375	ng	100
89)	Benzo(k)fluoranthene	15.133	252	435087	39.135	ng	100
90)	Benzo(a)pyrene	15.480	252	449869	41.055	ng	100
91)	Dibenzo(a,h)anthracene	17.062	278	500778	41.578	ng	100
92)	Benzo(g,h,i)perylene	17.504	276	497680	41.843	ng	100

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

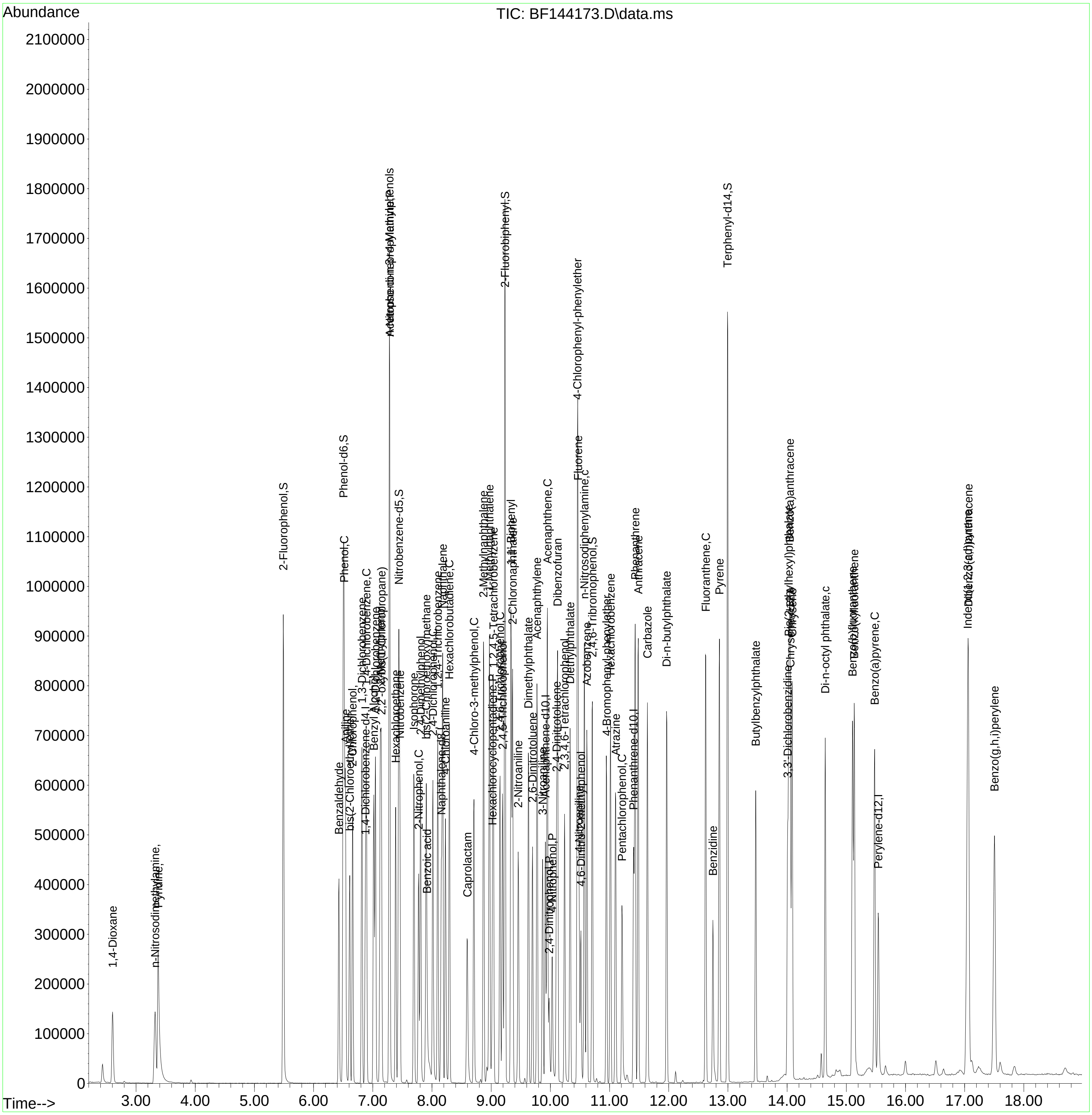
Quantitation Report (QT Reviewed)

ICAL Form

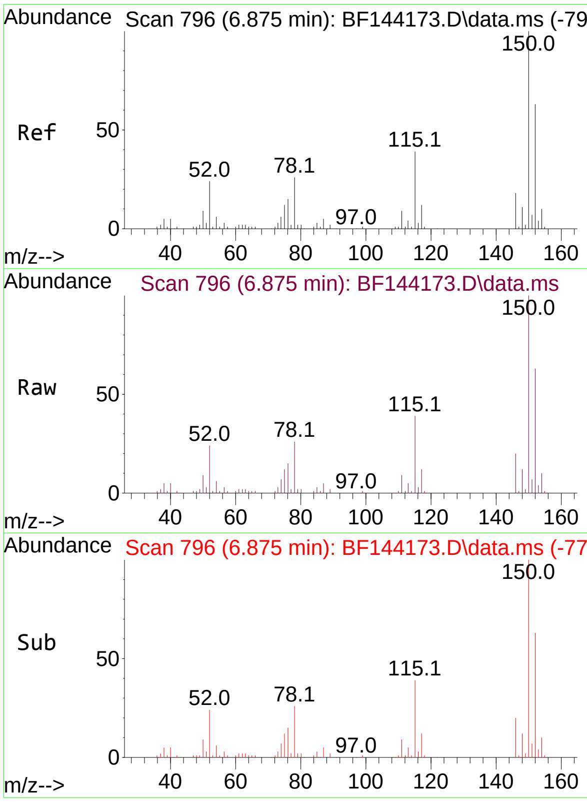
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144173.D
Acq On : 05 Nov 2025 14:50
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :	BNA_F
ClientSampleId :	SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



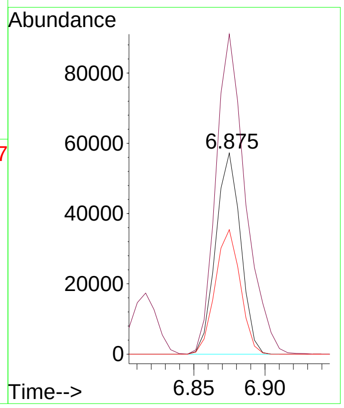
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

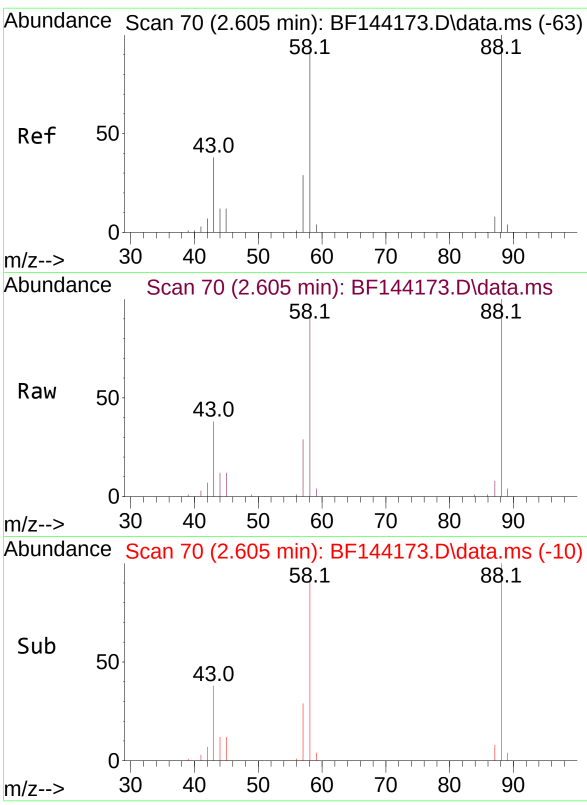


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:152 Resp: 69901

Ion	Ratio	Lower	Upper
152	100		
150	159.2	127.4	191.0
115	61.9	49.5	74.3

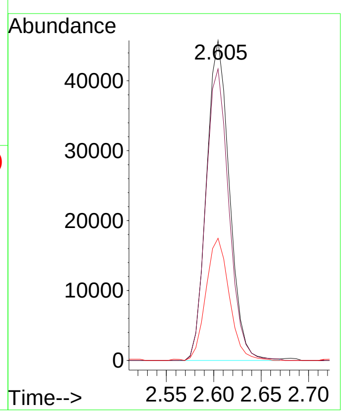




#2
1,4-Dioxane
Concen: 41.903 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

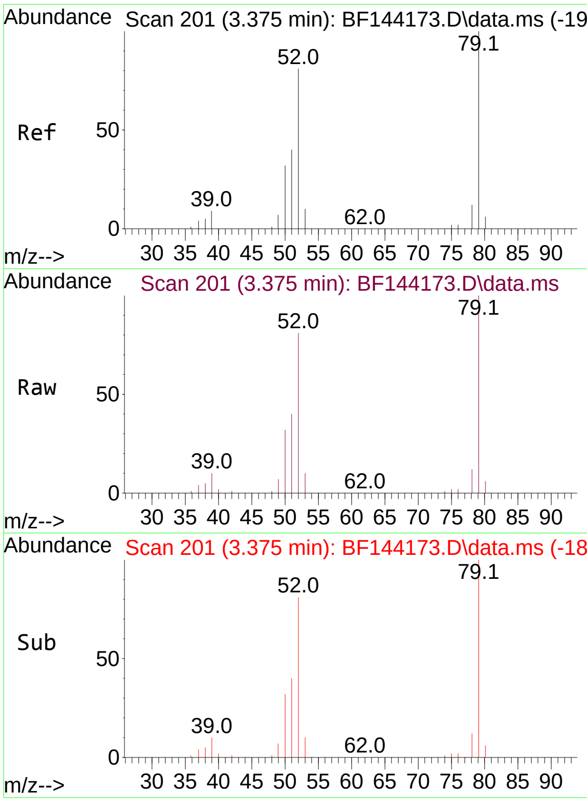
Tgt Ion: 88 Resp: 77384

Ion	Ratio	Lower	Upper
88	100		
58	91.4	73.1	109.7
43	38.8	31.0	46.6



ICAL Form

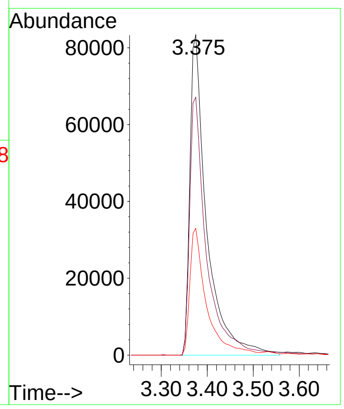
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

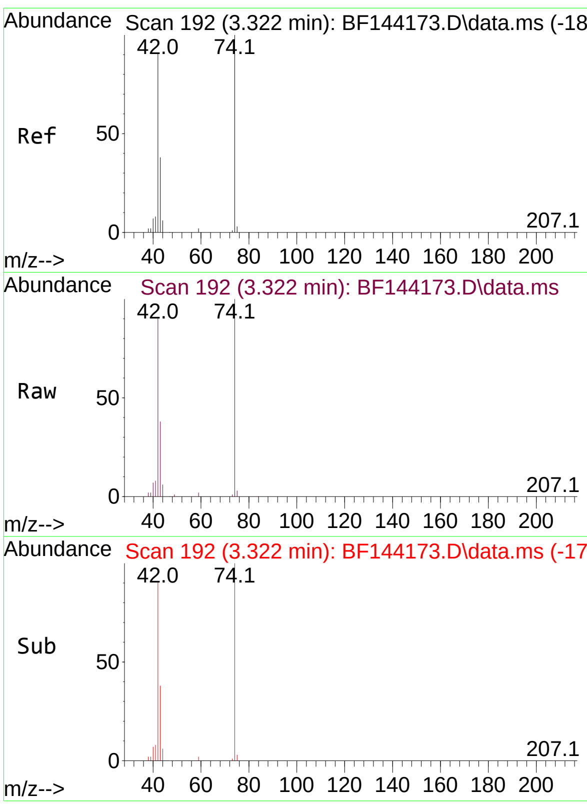


#3
Pyridine
Concen: 41.251 ng
RT: 3.375 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 79 Resp: 212533

Ion	Ratio	Lower	Upper
79	100		
52	80.6	64.5	96.7
51	39.6	31.7	47.5

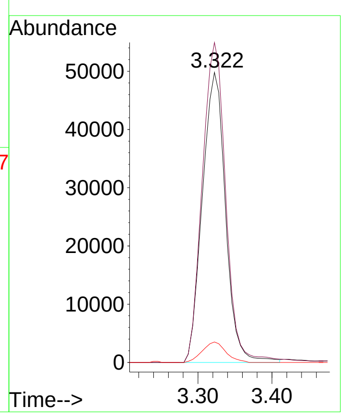




#4
n-Nitrosodimethylamine
Concen: 40.269 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

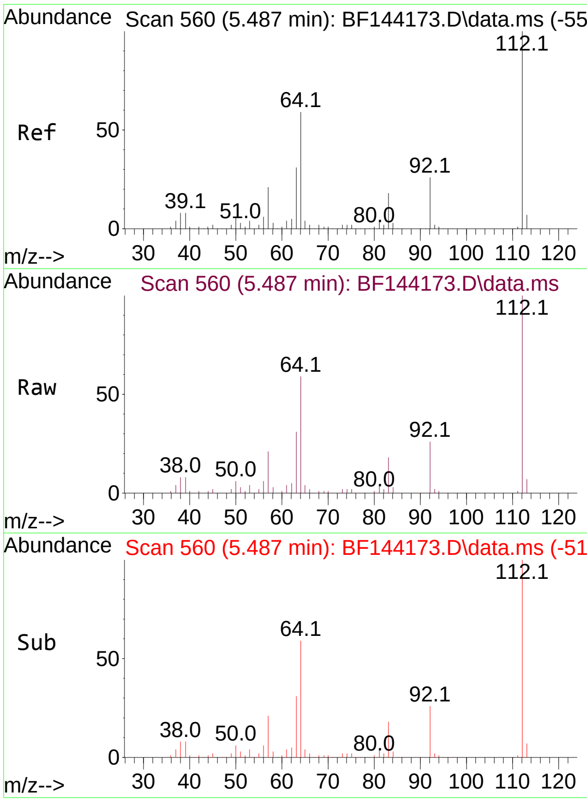
Tgt Ion: 42 Resp: 108374

Ion	Ratio	Lower	Upper
42	100		
74	110.3	88.2	132.4
44	7.1	5.7	8.5



ICAL Form

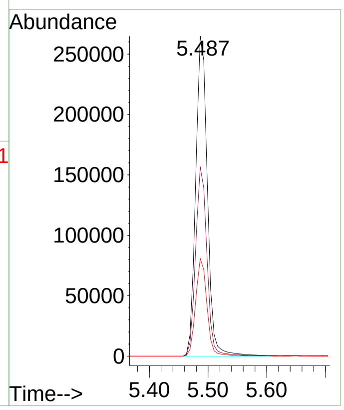
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

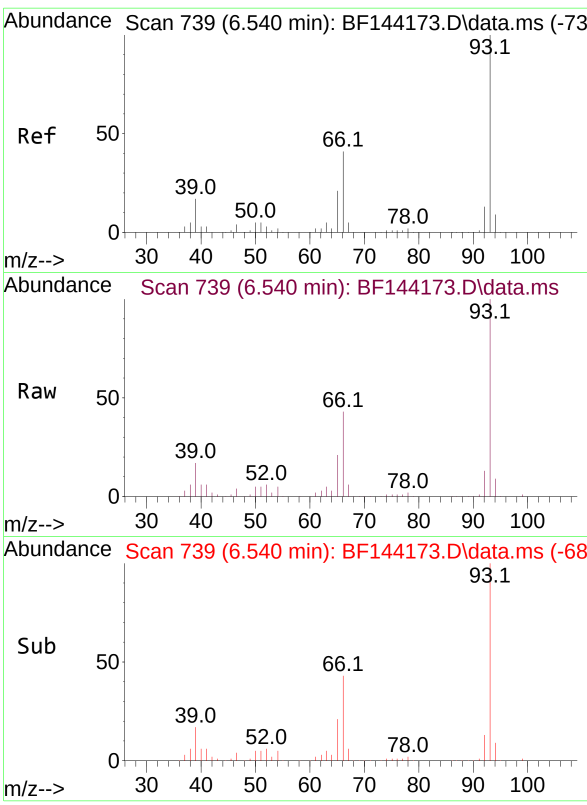


#5
2-Fluorophenol
Concen: 82.322 ng
RT: 5.487 min Scan# 56
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:112 Resp: 367722

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.2	70.8
63	30.5	24.4	36.6

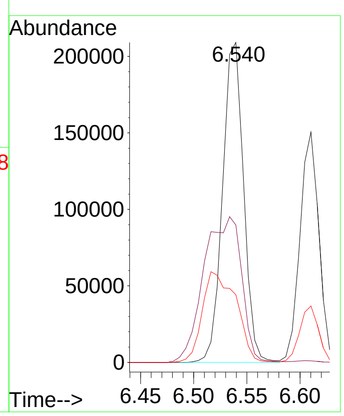




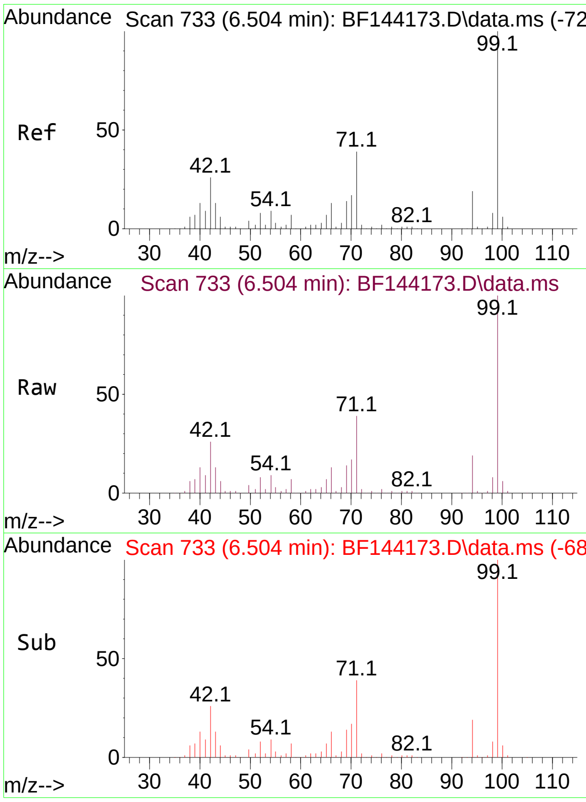
#6
Aniline
Concen: 40.064 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 93 Resp: 288906

Ion	Ratio	Lower	Upper
93	100		
66	42.9	34.3	51.5
65	21.1	16.9	25.3



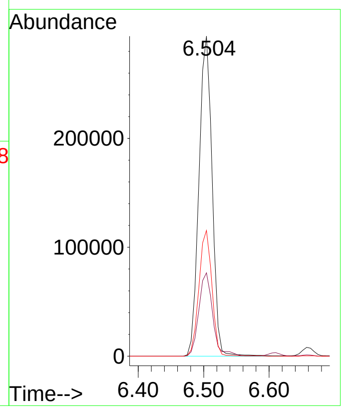
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

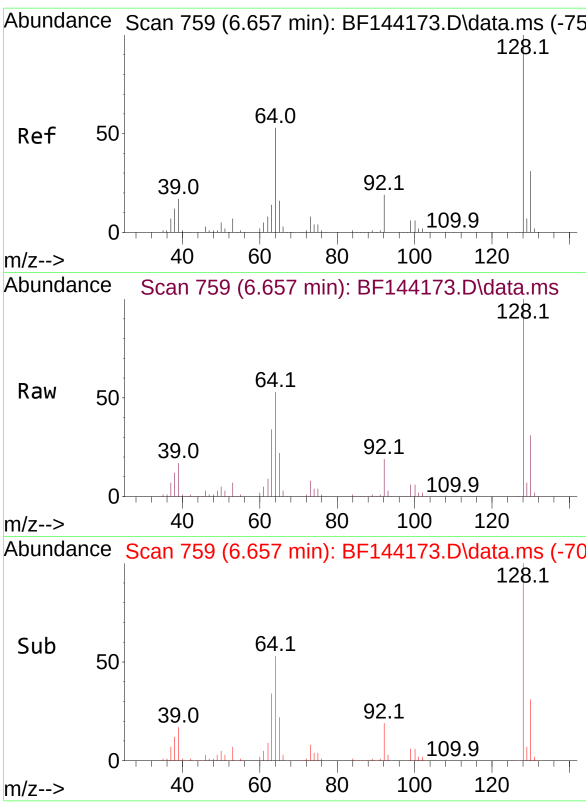


#7
Phenol-d6
Concen: 80.678 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 99 Resp: 408339

Ion	Ratio	Lower	Upper
99	100		
42	26.1	20.9	31.3
71	39.3	31.4	47.2

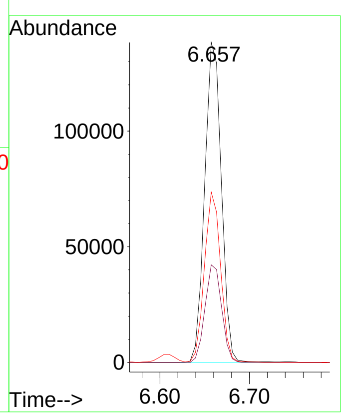


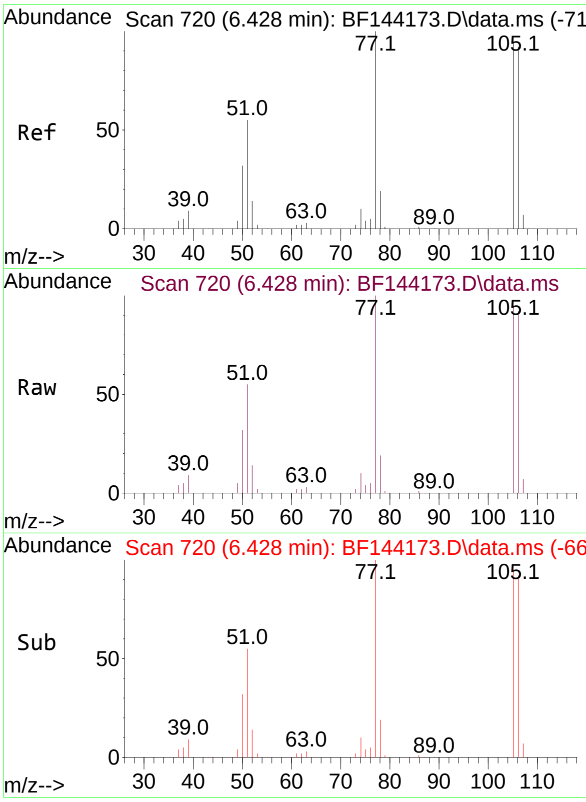


#8
2-Chlorophenol
Concen: 40.879 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:128 Resp: 179075

Ion	Ratio	Lower	Upper
128	100		
130	30.5	10.5	50.5
64	53.2	33.2	73.2





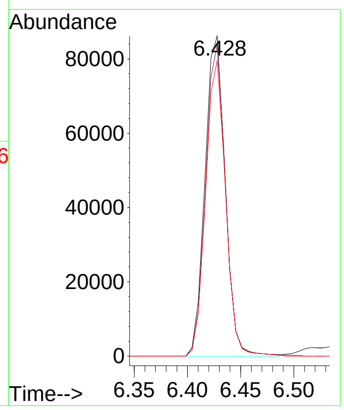
#9
Benzaldehyde
Concen: 39.909 ng
RT: 6.428 min Scan# 72

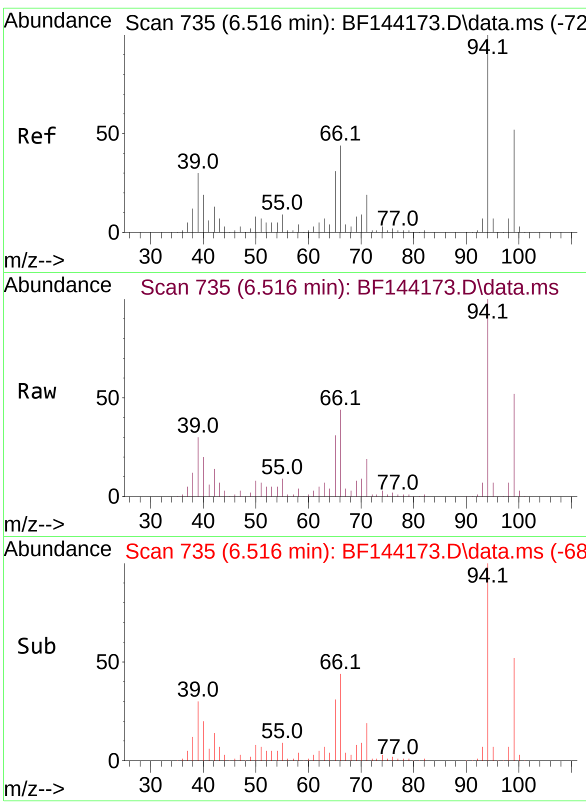
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 77 Resp: 114062

Ion	Ratio	Lower	Upper
77	100		
105	97.2	77.2	117.2
106	92.2	72.2	112.2

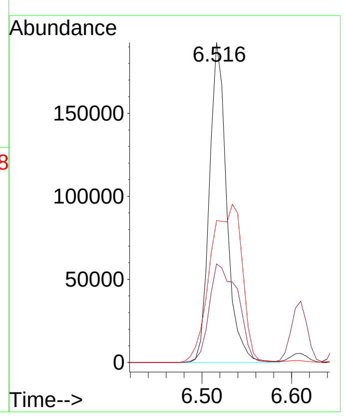




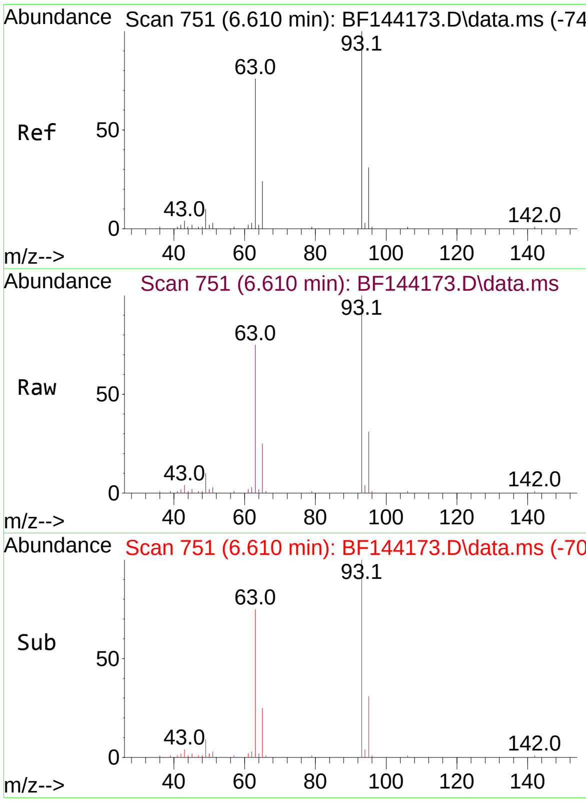
#10
Phenol
Concen: 41.997 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 94 Resp: 259703

Ion	Ratio	Lower	Upper
94	100		
65	30.8	10.8	50.8
66	44.3	24.3	64.3



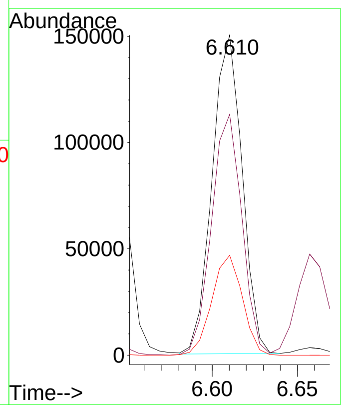
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

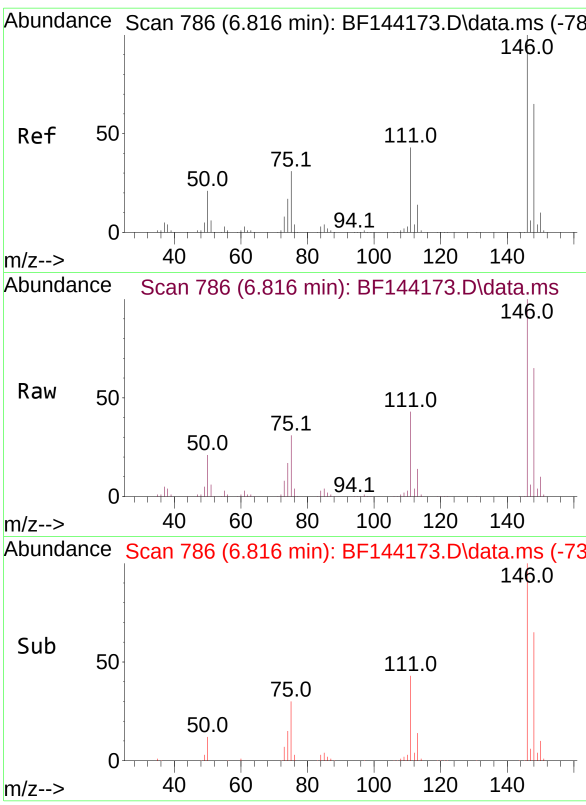


#11
bis(2-Chloroethyl)ether
Concen: 40.844 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 93 Resp: 184041

Ion	Ratio	Lower	Upper
93	100		
63	75.2	55.2	95.2
95	31.2	11.2	51.2

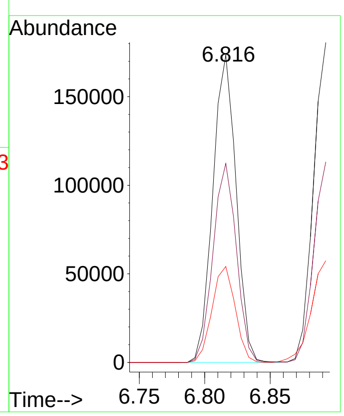




#12
1,3-Dichlorobenzene
Concen: 39.861 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

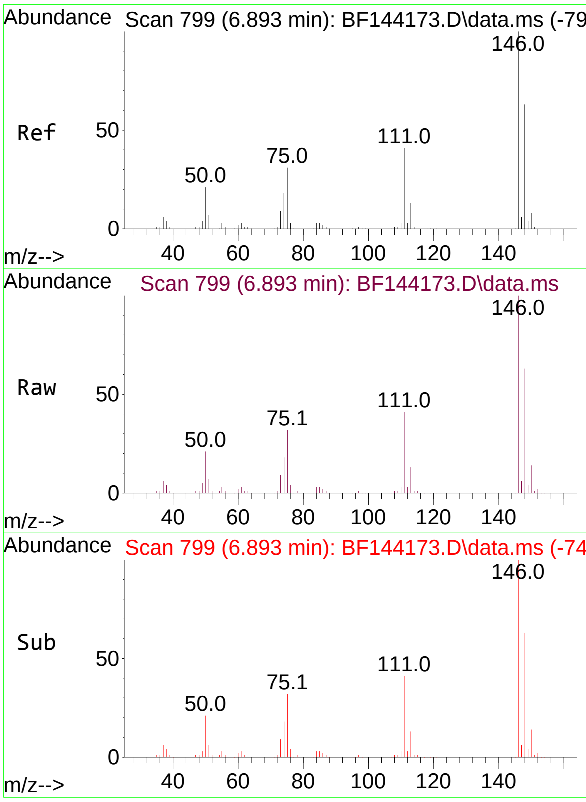
Tgt Ion:146 Resp: 215469

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	31.2	25.0	37.4



ICAL Form

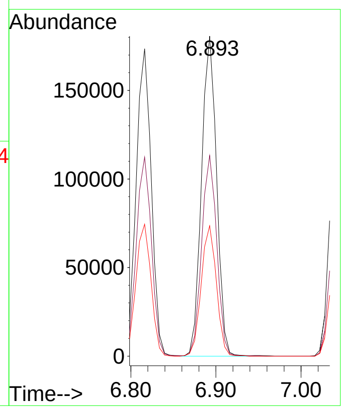
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

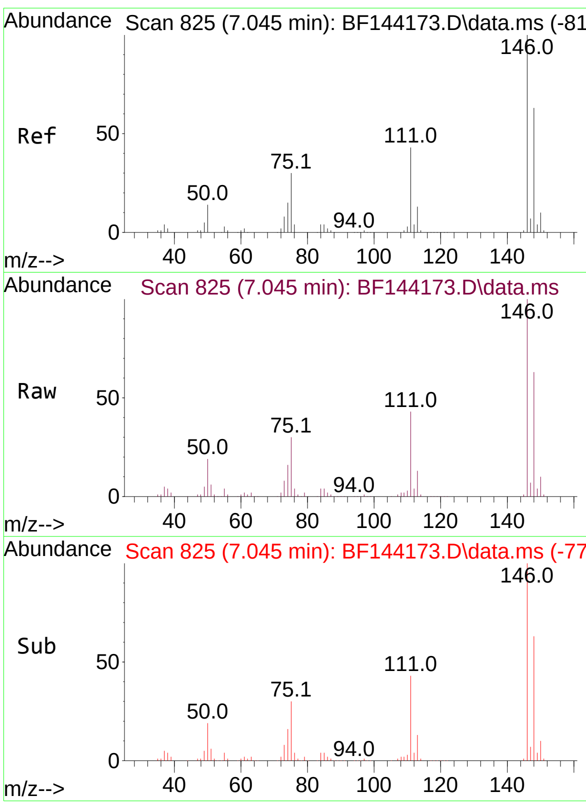


#13
1,4-Dichlorobenzene
Concen: 41.084 ng
RT: 6.893 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:146 Resp: 222488

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.2	75.2
111	40.7	32.6	48.8

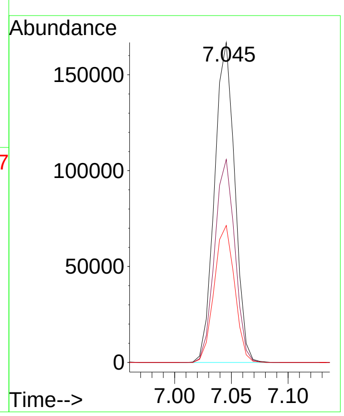




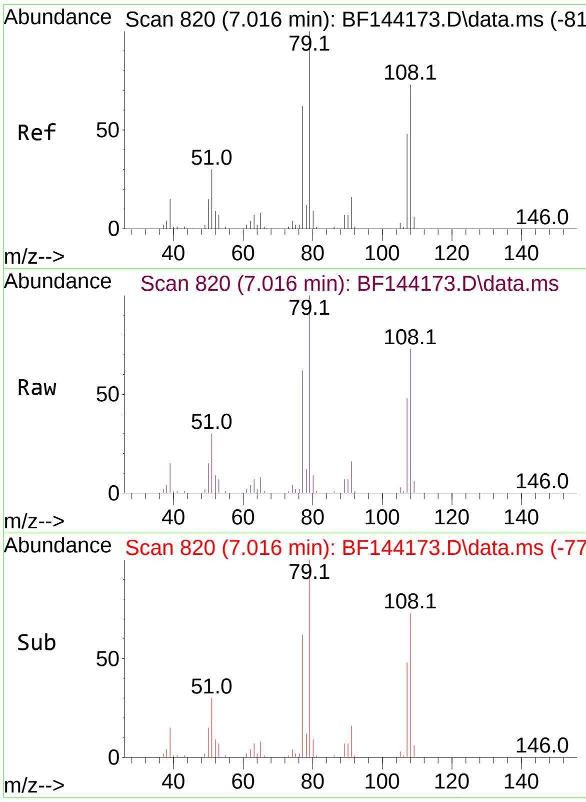
#14
1,2-Dichlorobenzene
Concen: 40.001 ng
RT: 7.045 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:146 Resp: 207631

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	42.8	34.2	51.4



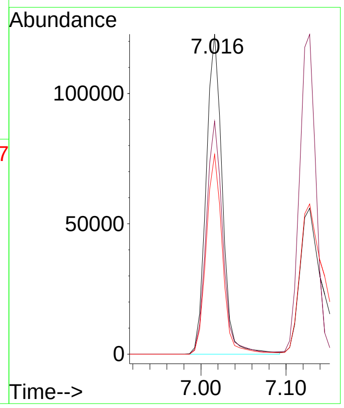
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

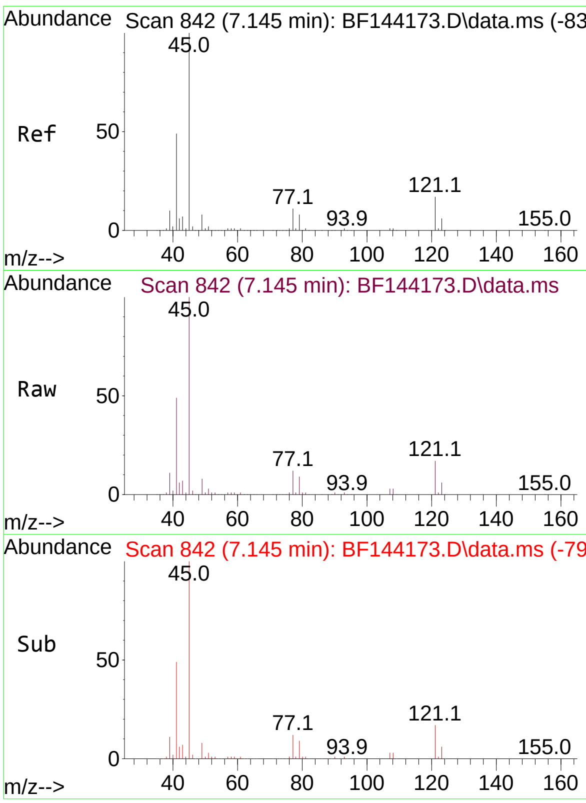


#15
Benzyl Alcohol
Concen: 40.501 ng
RT: 7.016 min Scan# 82
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 79 Resp: 162316

Ion	Ratio	Lower	Upper
79	100		
108	72.8	58.2	87.4
77	62.4	49.9	74.9

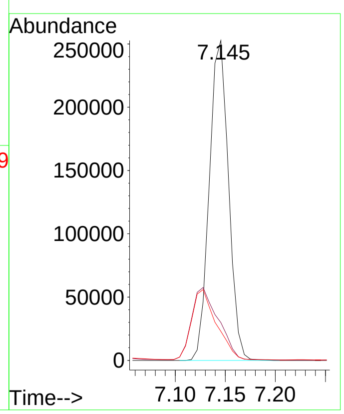




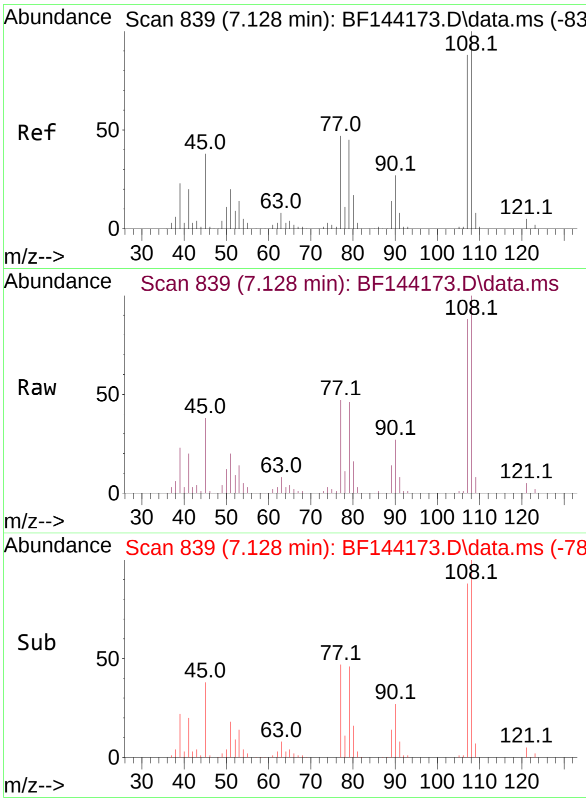
#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.743 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 45 Resp: 338078

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.8
79	9.1	0.0	29.1



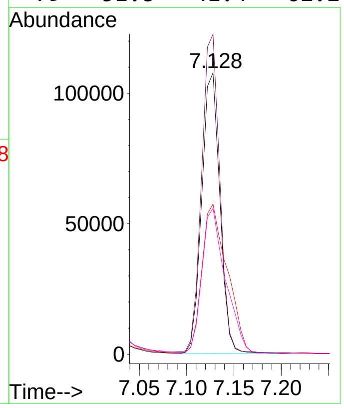
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

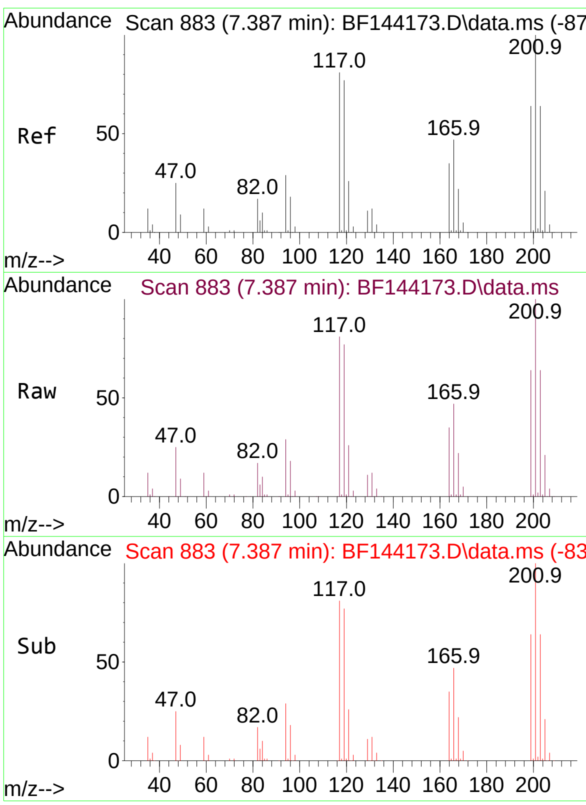


#17
2-Methylphenol
Concen: 41.431 ng
RT: 7.128 min   Scan# 8
Delta R.T.   0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025   14:50

Tgt Ion:107 Resp: 144386

Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.4
77	53.4	42.7	64.1
79	51.8	41.4	62.2

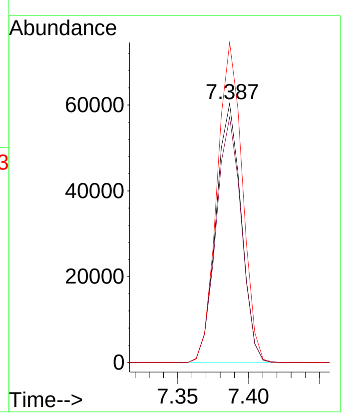




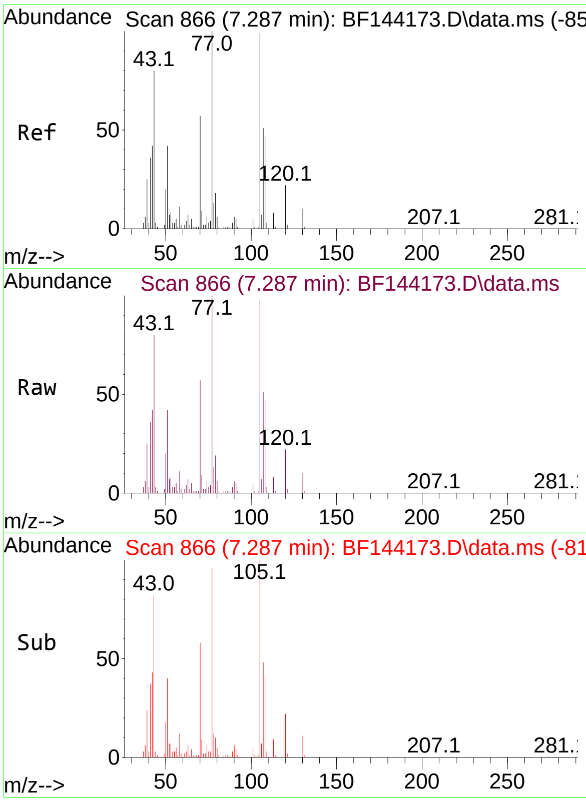
#18
Hexachloroethane
Concen: 41.339 ng
RT: 7.387 min   Scan# 883
Delta R.T.   0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025   14:50

Tgt Ion:117 Resp: 74377

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	123.6	98.9	148.3



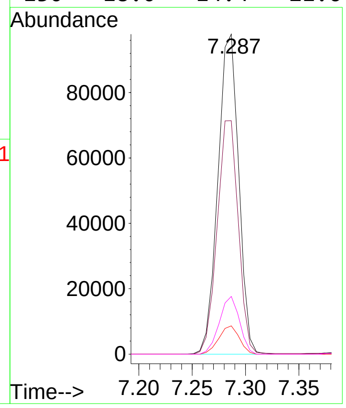
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

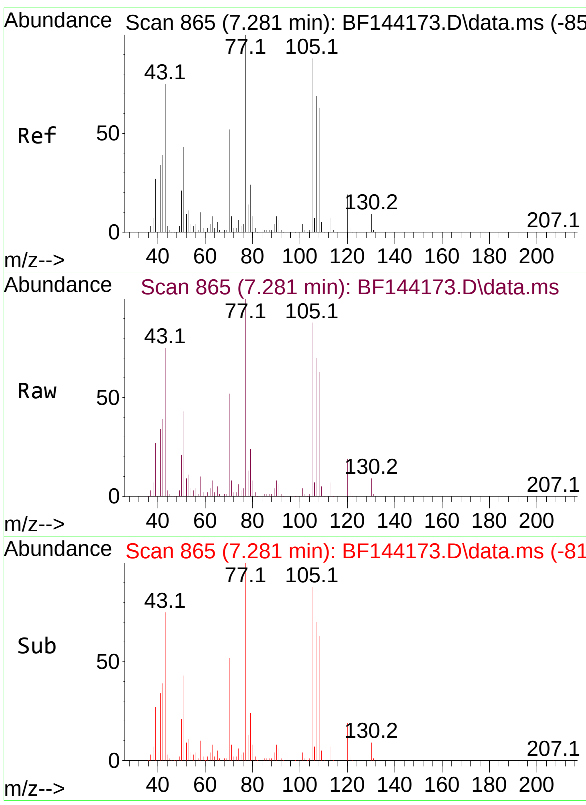


#19
n-Nitroso-di-n-propylamine
Concen: 39.848 ng
RT: 7.287 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 70 Resp: 132769

Ion	Ratio	Lower	Upper
70	100		
42	72.9	58.3	87.5
101	8.8	7.0	10.6
130	18.0	14.4	21.6

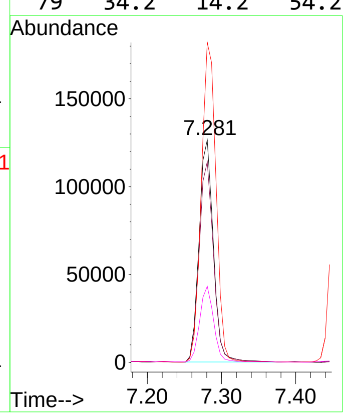




#20
3+4-Methylphenols
Concen: 41.361 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:107 Resp: 169917

Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.2	110.2
77	143.9	123.9	163.9
79	34.2	14.2	54.2



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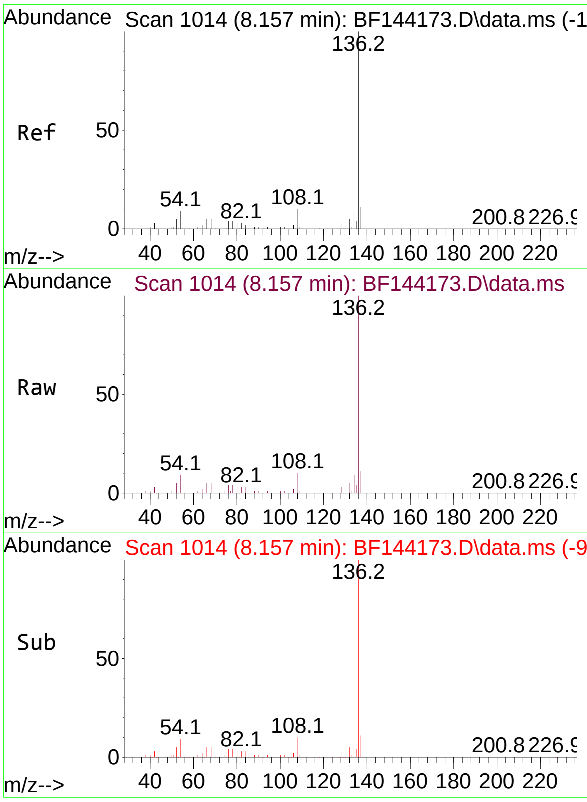
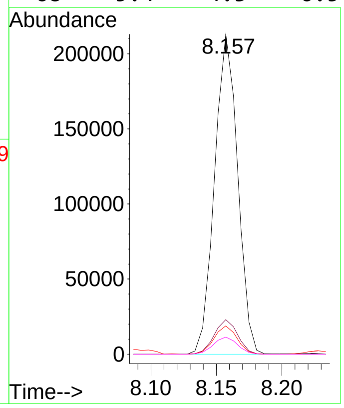


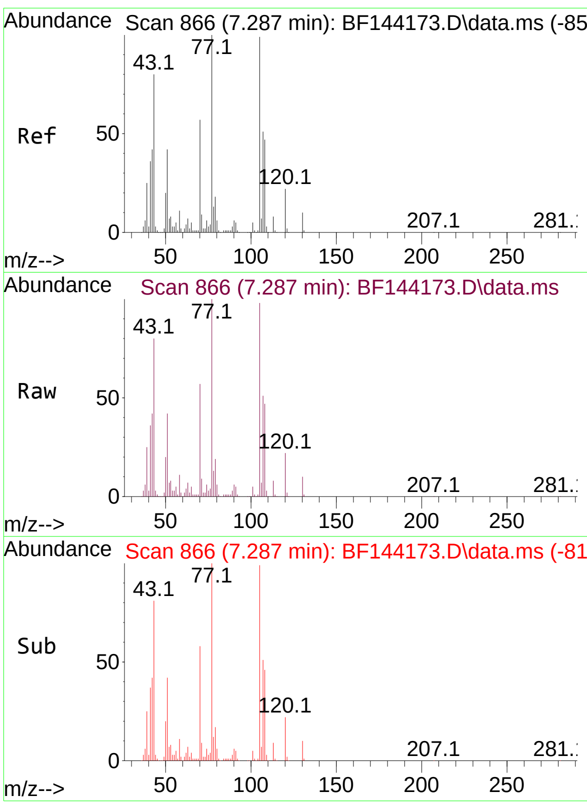
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 262306

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.8	7.0	10.6
68	5.4	4.3	6.5

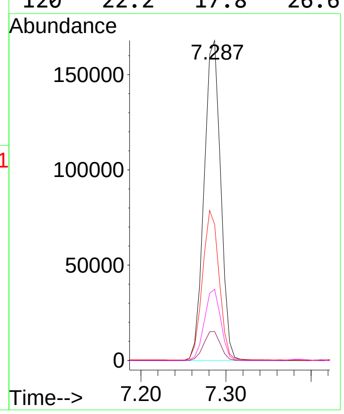




#22
Acetophenone
Concen: 40.452 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

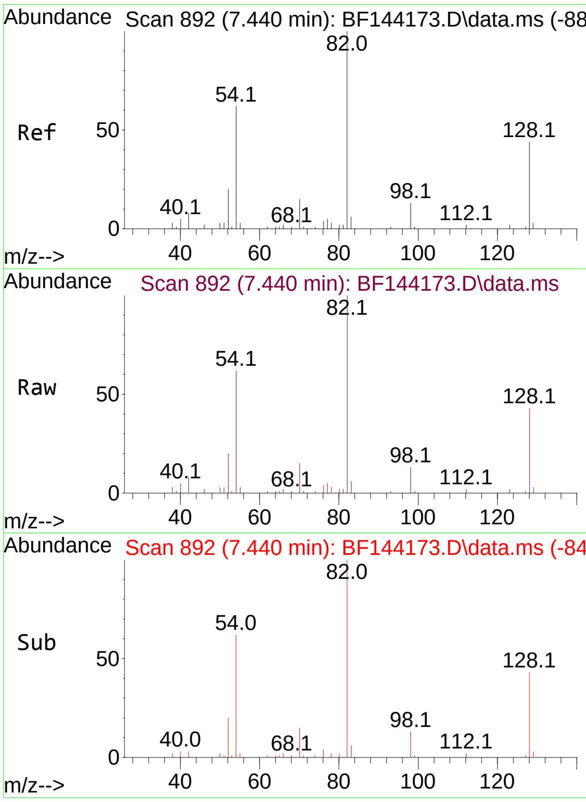
Tgt Ion:105 Resp: 227627

Ion	Ratio	Lower	Upper
105	100		
71	9.0	7.2	10.8
51	42.5	34.0	51.0
120	22.2	17.8	26.6



ICAL Form

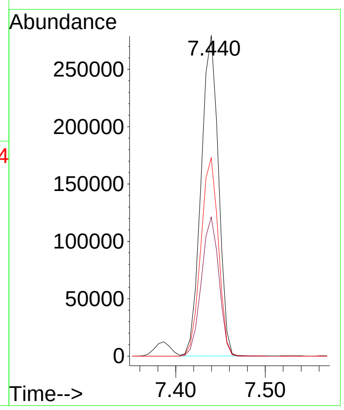
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

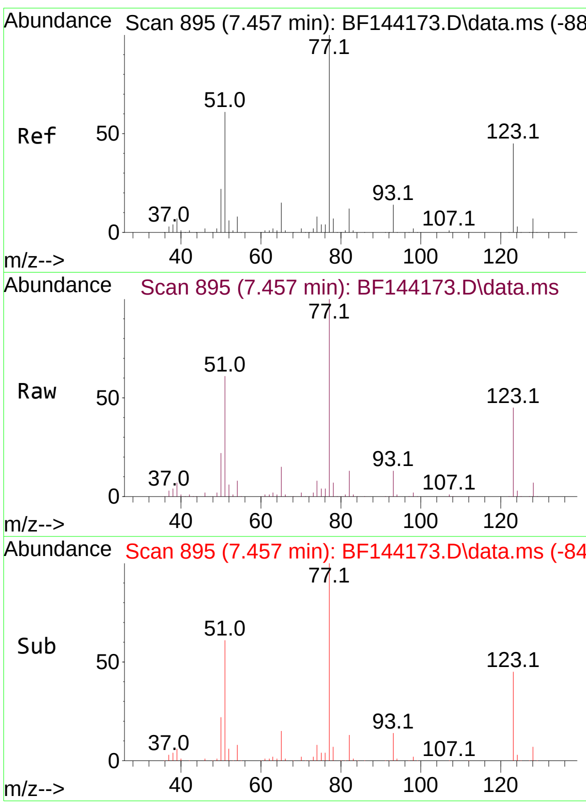


#23
Nitrobenzene-d5
Concen: 83.160 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 82 Resp: 377687

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.7	52.1
54	61.9	49.5	74.3

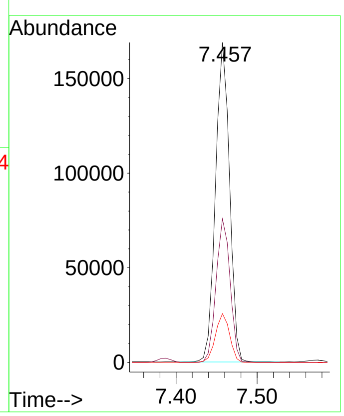




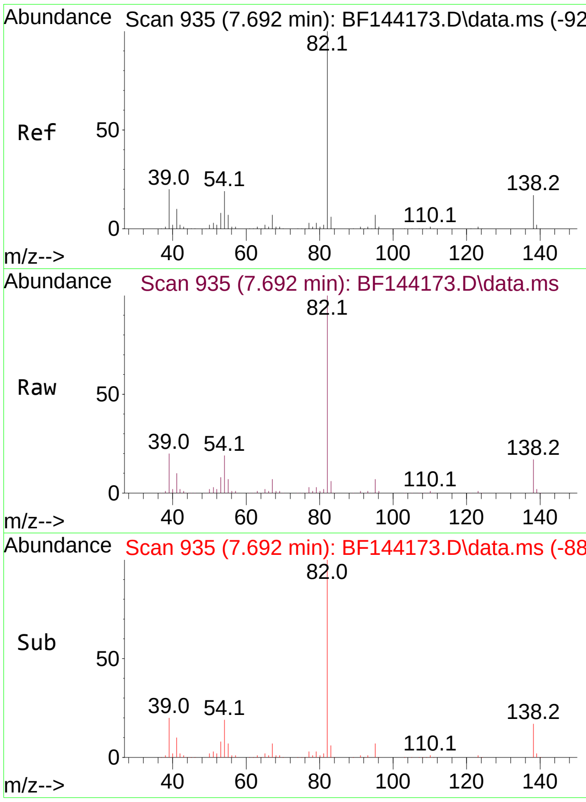
#24
Nitrobenzene
Concen: 41.272 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 77 Resp: 203520

Ion	Ratio	Lower	Upper
77	100		
123	44.8	35.8	53.8
65	15.2	12.2	18.2



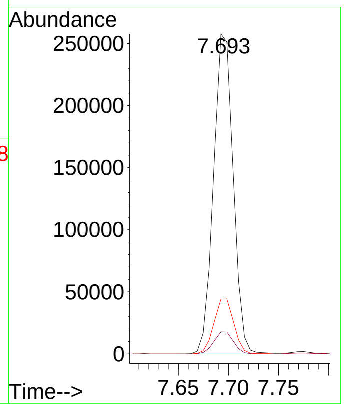
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

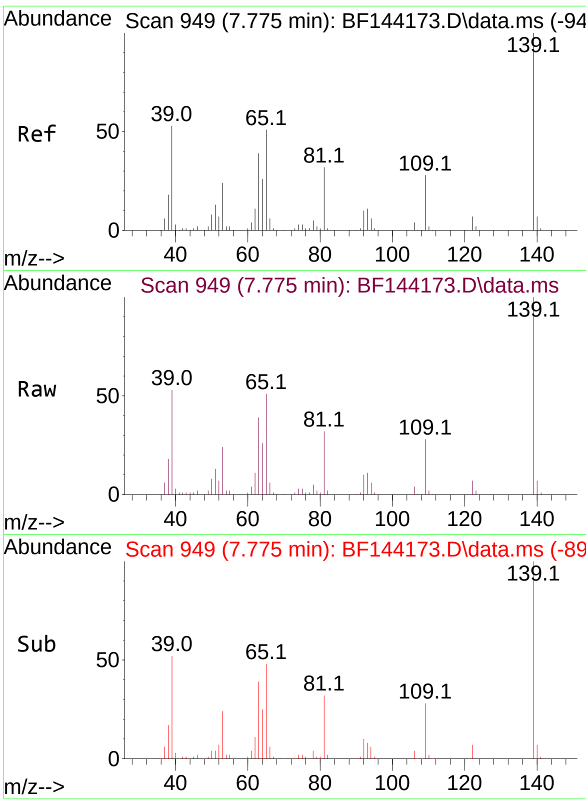


#25
Isophorone
Concen: 41.082 ng
RT: 7.692 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 82 Resp: 352919

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.1	13.7	20.5

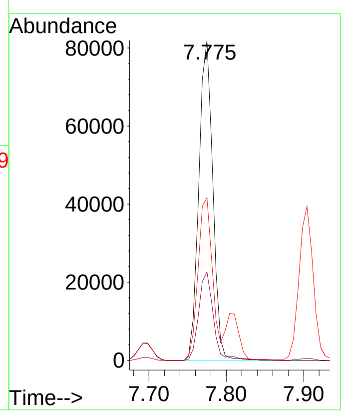




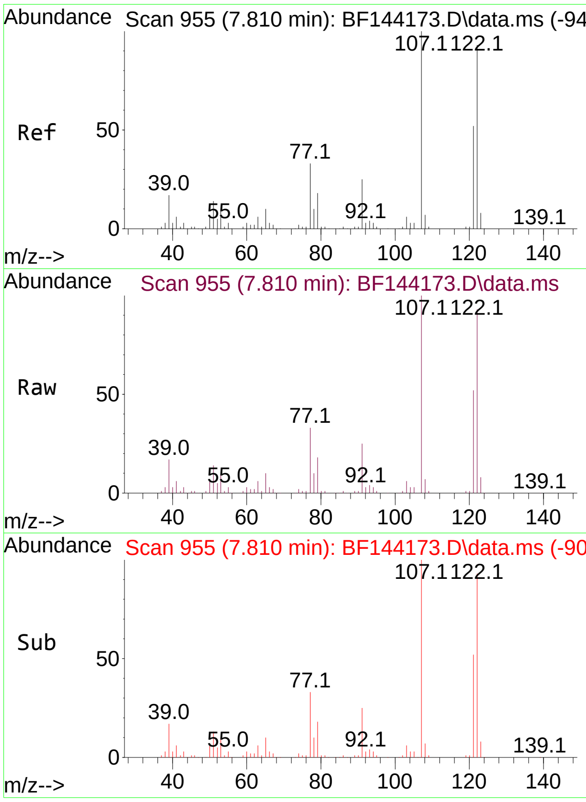
#26
2-Nitrophenol
Concen: 42.269 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:139 Resp: 103181

Ion	Ratio	Lower	Upper
139	100		
109	27.7	22.2	33.2
65	50.9	40.7	61.1



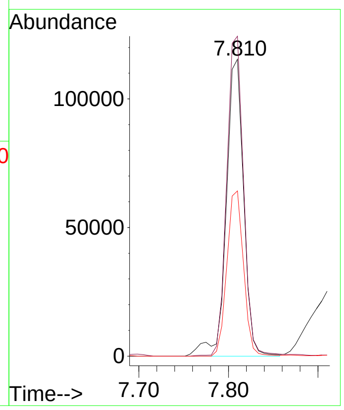
Instrument : BNA_F
ClientSampleId : SSTDICCC040

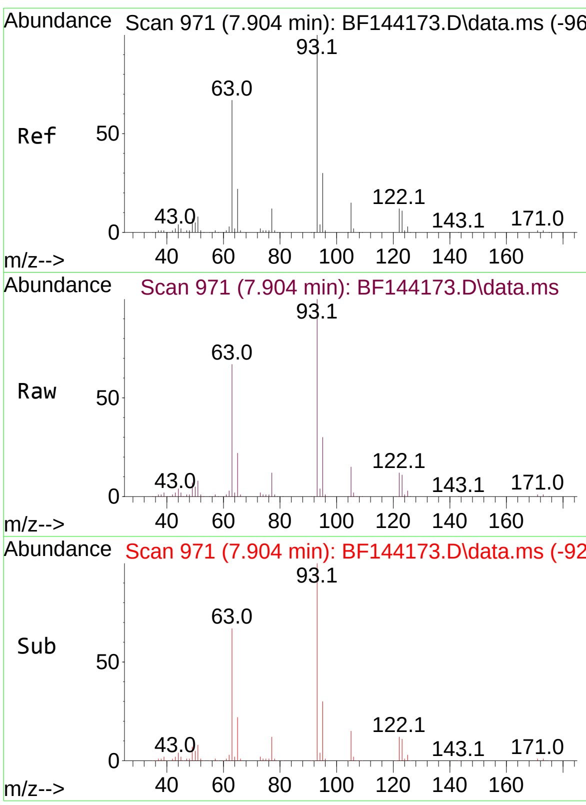


#27
2,4-Dimethylphenol
Concen: 42.784 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:122 Resp: 156535

Ion	Ratio	Lower	Upper
122	100		
107	107.8	86.2	129.4
121	55.7	44.6	66.8

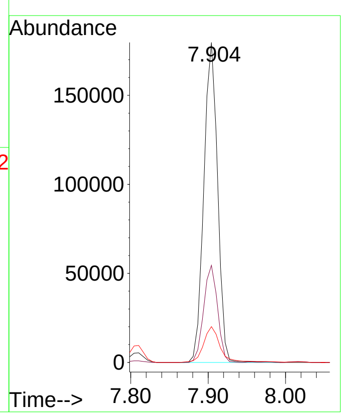




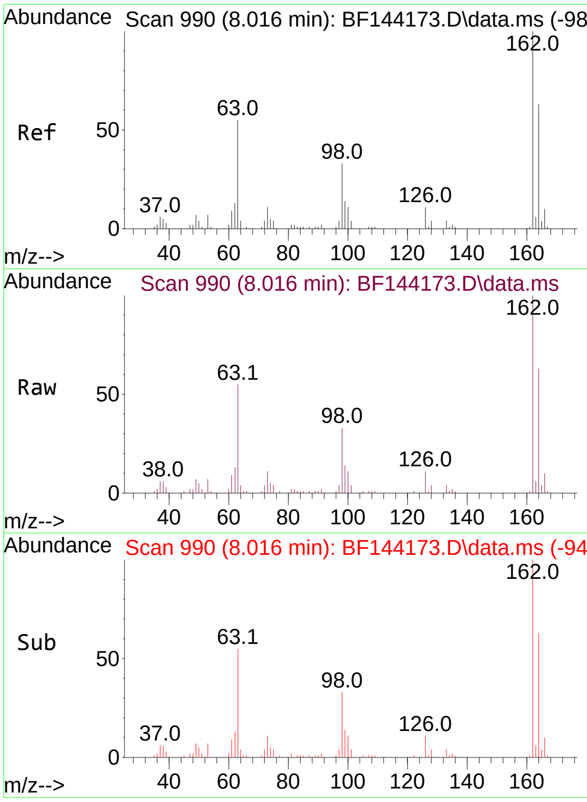
#28
bis(2-Chloroethoxy)methane
Concen: 41.364 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 93 Resp: 221900

Ion	Ratio	Lower	Upper
93	100		
95	30.3	24.2	36.4
123	11.2	9.0	13.4



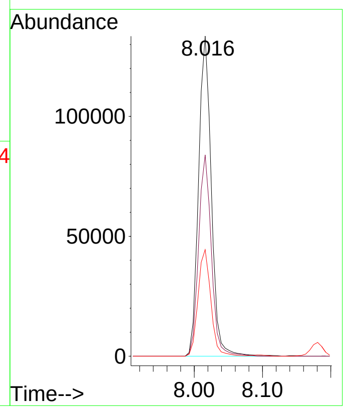
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

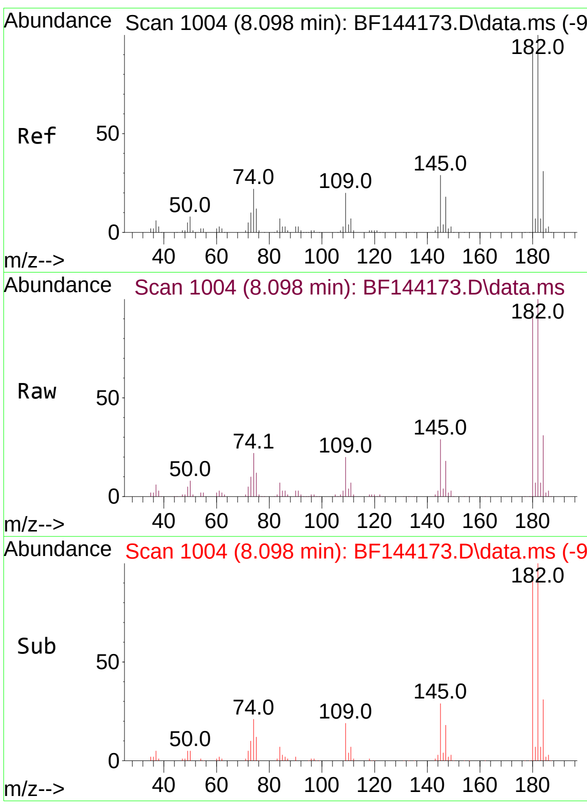


#29
2,4-Dichlorophenol
Concen: 41.210 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:162 Resp: 173779

Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.9	82.9
98	33.3	13.3	53.3

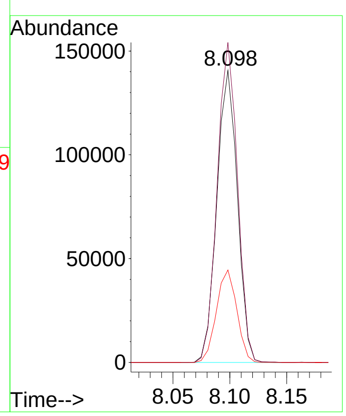




#30
1,2,4-Trichlorobenzene
Concen: 40.825 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:180 Resp: 176777

Ion	Ratio	Lower	Upper
180	100		
182	109.6	87.7	131.5
145	31.7	25.4	38.0



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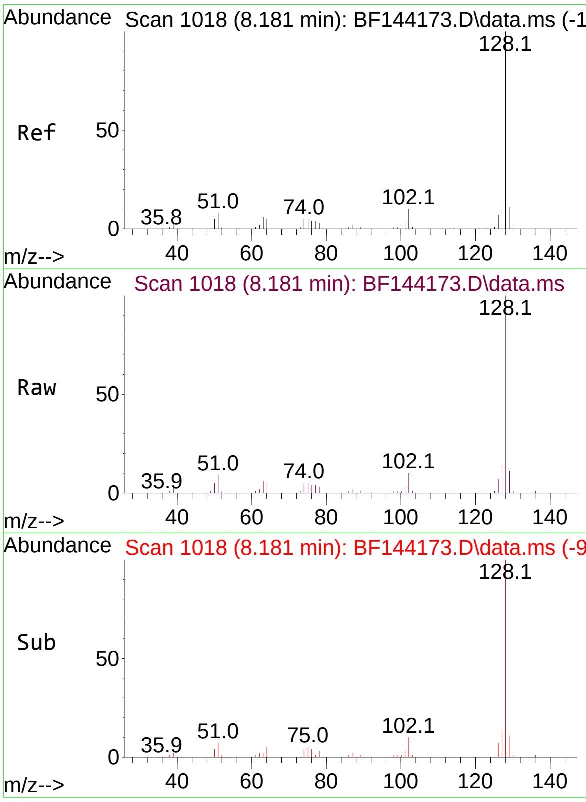
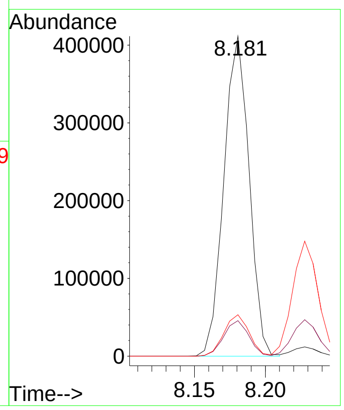
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

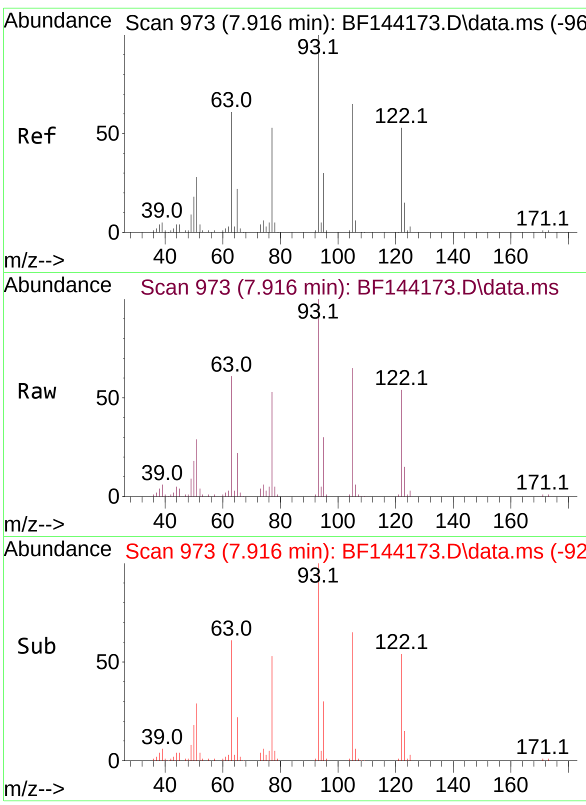


#31
Naphthalene
Concen: 40.755 ng
RT: 8.181 min   Scan# 10
Delta R.T.   -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025   14:50

Tgt Ion:128 Resp: 508521

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.9	10.3	15.5

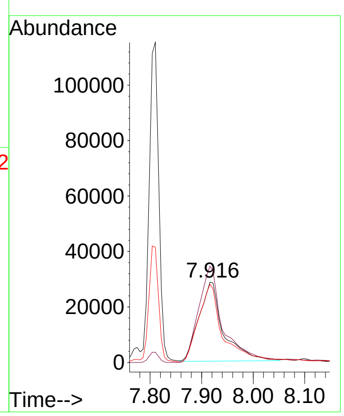




#32
Benzoic acid
Concen: 35.128 ng
RT: 7.916 min   Scan# 973
Delta R.T.   -0.035 min
Lab File: BF144173.D
Acq: 05 Nov 2025   14:50

Tgt Ion:122 Resp: 94209

Ion	Ratio	Lower	Upper
122	100		
105	119.9	99.9	139.9
77	97.5	77.5	117.5



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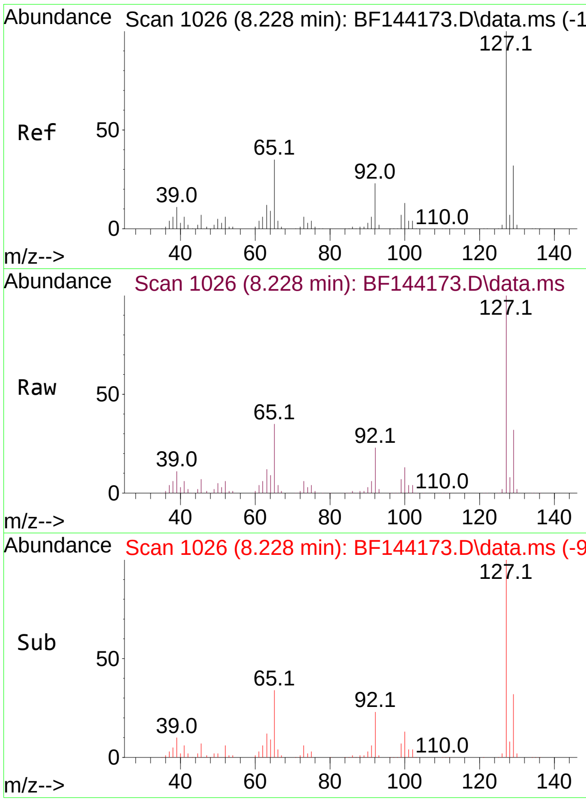
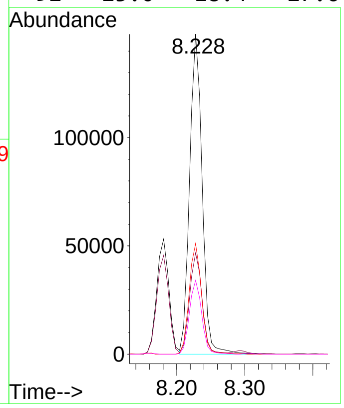
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

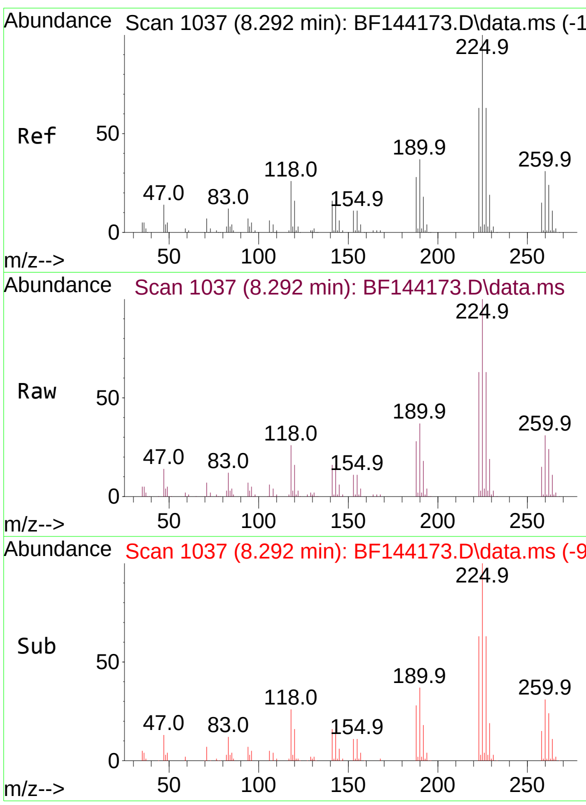


#33
4-Chloroaniline
Concen: 41.763 ng
RT: 8.228 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:127 Resp: 190054

Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.3	37.9
65	34.5	27.6	41.4
92	23.0	18.4	27.6

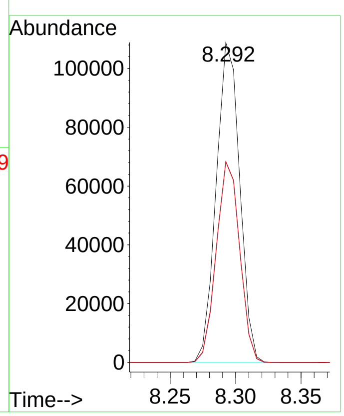


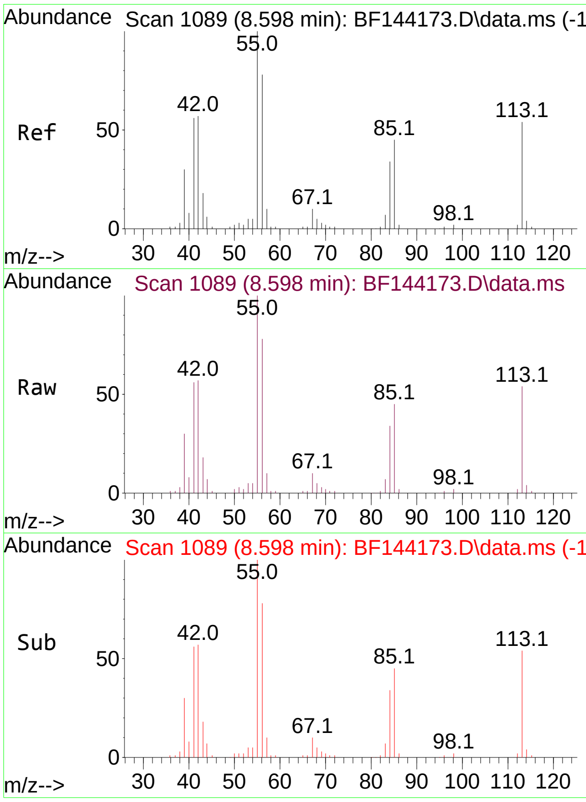


#34
Hexachlorobutadiene
Concen: 41.671 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:225 Resp: 135990

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.4
227	62.6	50.1	75.1





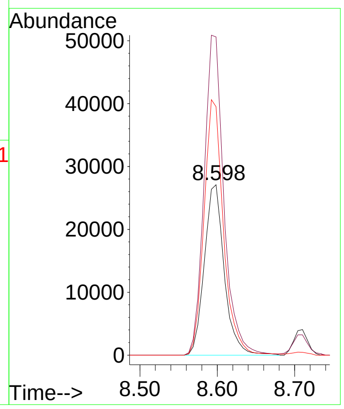
#35
Caprolactam
Concen: 41.945 ng
RT: 8.598 min Scan# 10

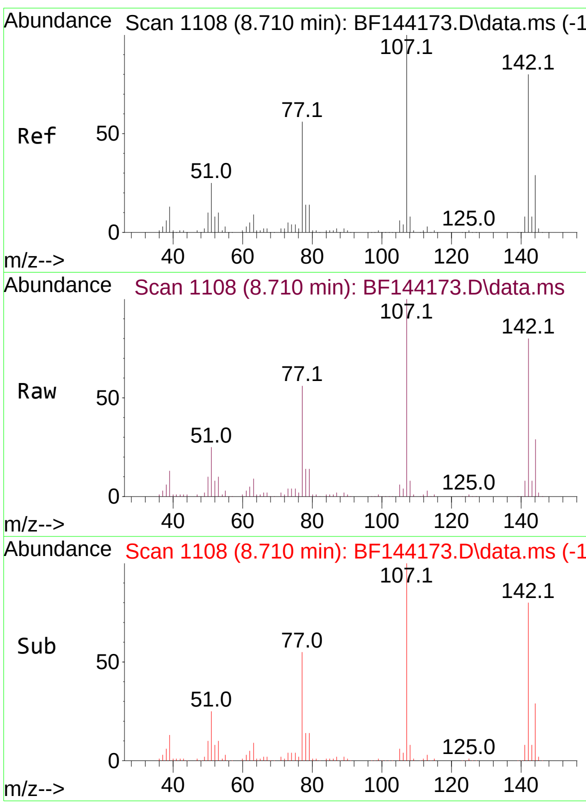
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Delta R.T. -0.023 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:113 Resp: 48459

Ion	Ratio	Lower	Upper
113	100		
55	186.8	166.8	206.8
56	145.9	125.9	165.9

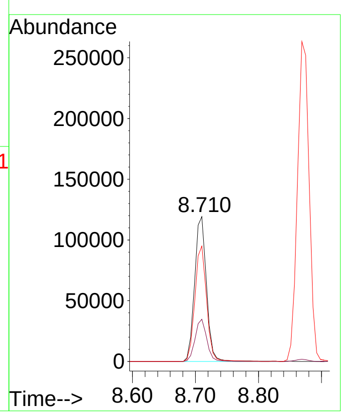




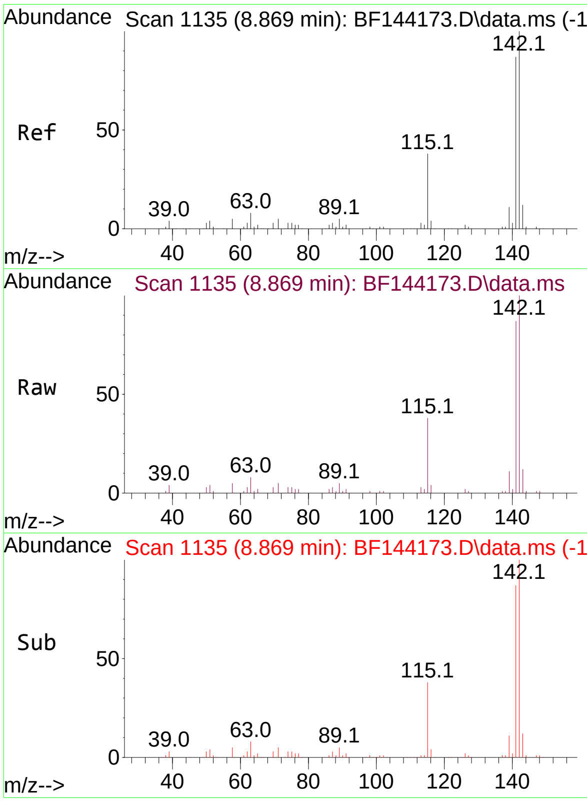
#36
4-Chloro-3-methylphenol
Concen: 41.237 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:107 Resp: 155844

Ion	Ratio	Lower	Upper
107	100		
144	29.1	23.3	34.9
142	79.7	63.8	95.6



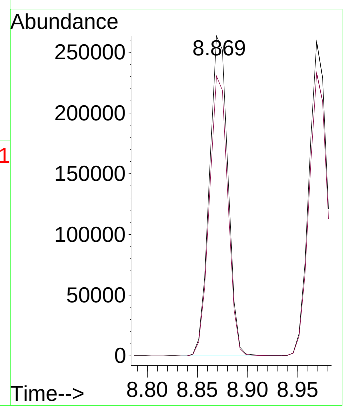
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

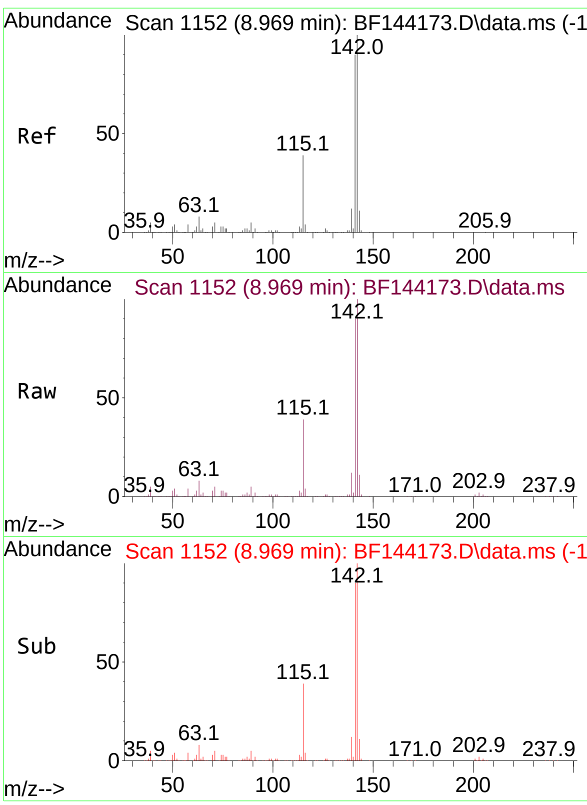


#37
2-Methylnaphthalene
Concen: 40.712 ng
RT: 8.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:142 Resp: 339639

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.9	104.9

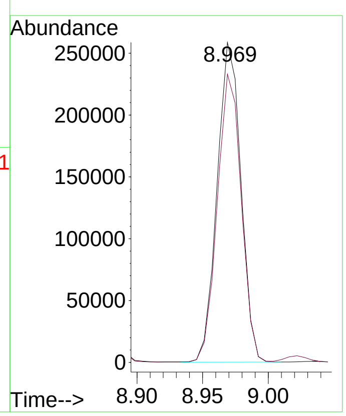




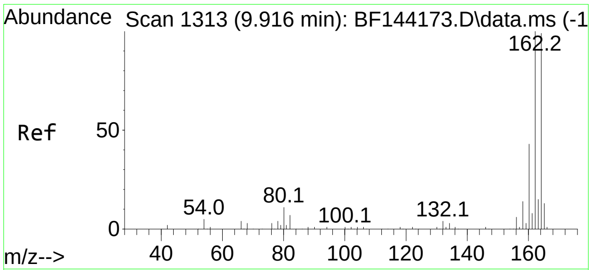
#38
1-Methylnaphthalene
Concen: 40.435 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

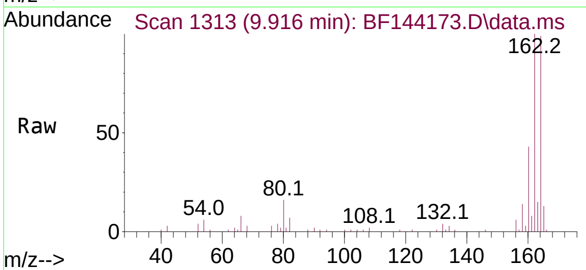
Tgt Ion:142 Resp: 325483

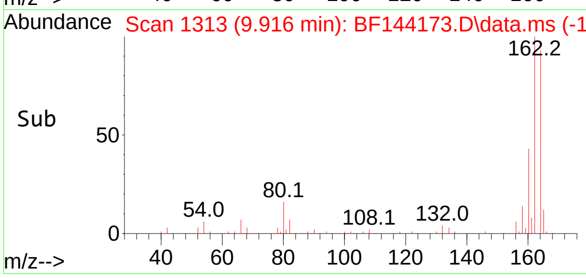
Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.1	108.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

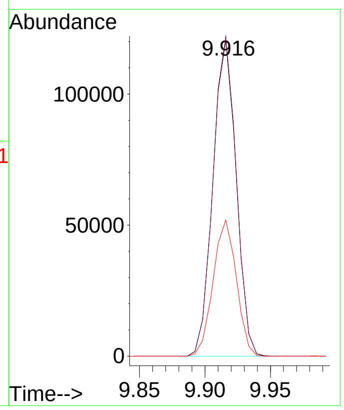


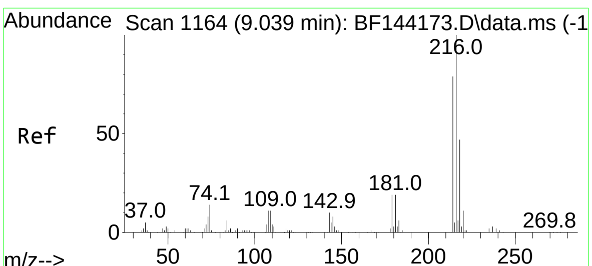


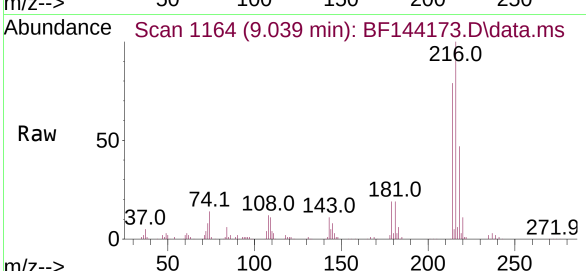


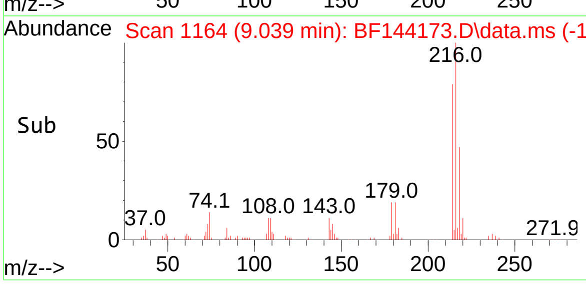
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:164	Resp:	148823	
Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.1	121.7
160	43.1	34.5	51.7



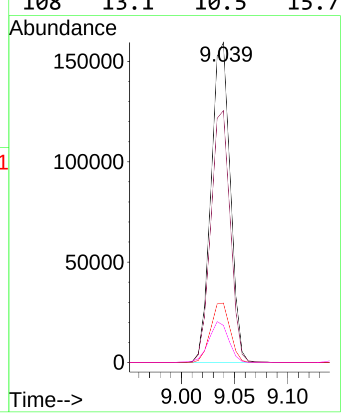






#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.210 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:216	Resp:	200998	
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	18.7	15.0	22.4
108	13.1	10.5	15.7



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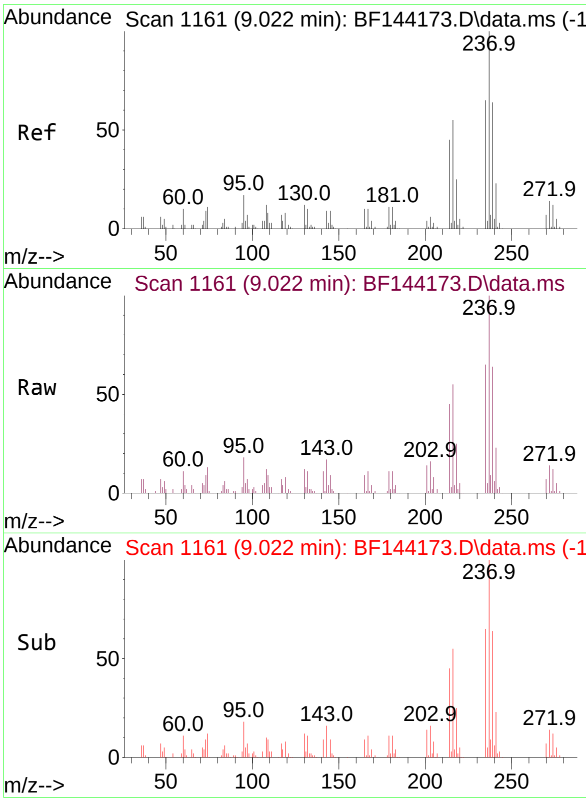
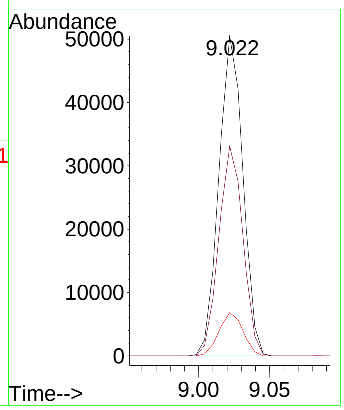
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

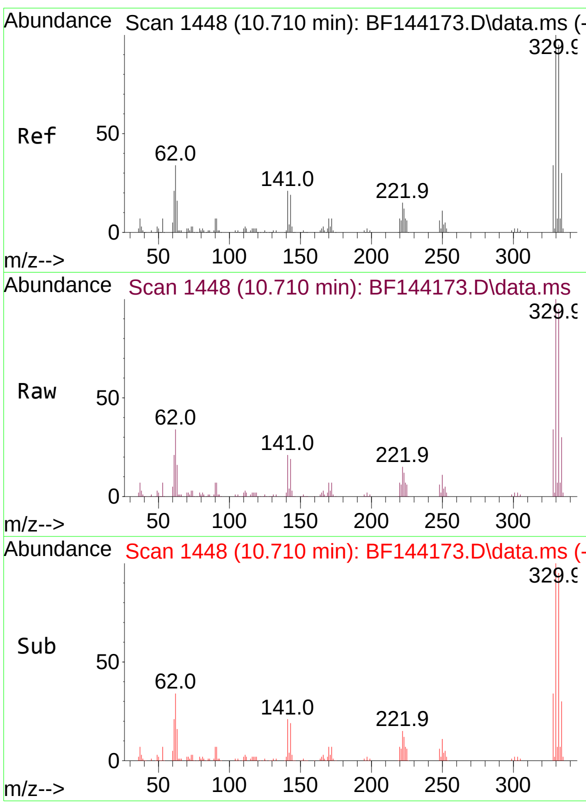


#41
Hexachlorocyclopentadiene
Concen: 39.991 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:237 Resp: 59520

Ion	Ratio	Lower	Upper
237	100		
235	65.5	45.5	85.5
272	13.5	0.0	33.5

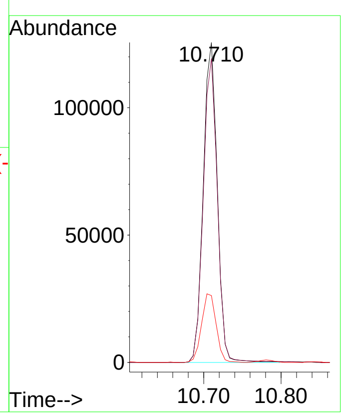




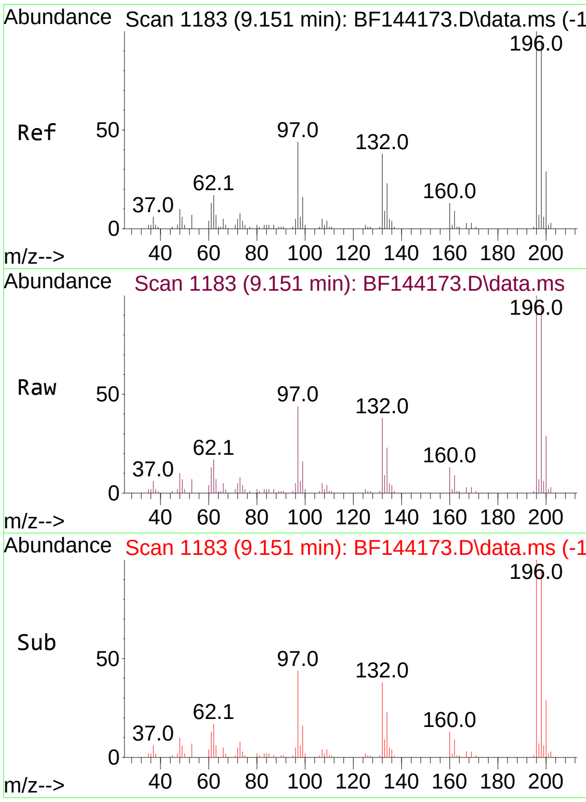
#42
2,4,6-Tribromophenol
Concen: 84.493 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:330 Resp: 157795

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.7	115.1
141	22.3	17.8	26.8



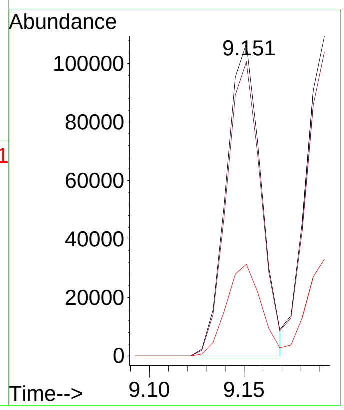
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

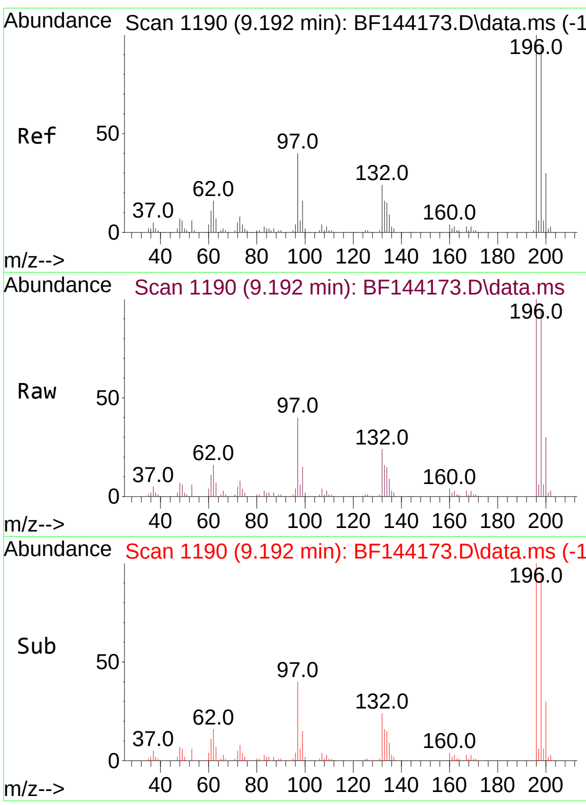


#43
2,4,6-Trichlorophenol
Concen: 40.875 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:196 Resp: 135691

Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.3	112.9
200	29.3	23.4	35.2

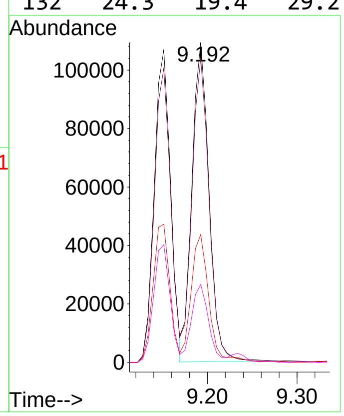




#44
2,4,5-Trichlorophenol
Concen: 40.641 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:196 Resp: 145405

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.1	114.1
97	39.9	31.9	47.9
132	24.3	19.4	29.2



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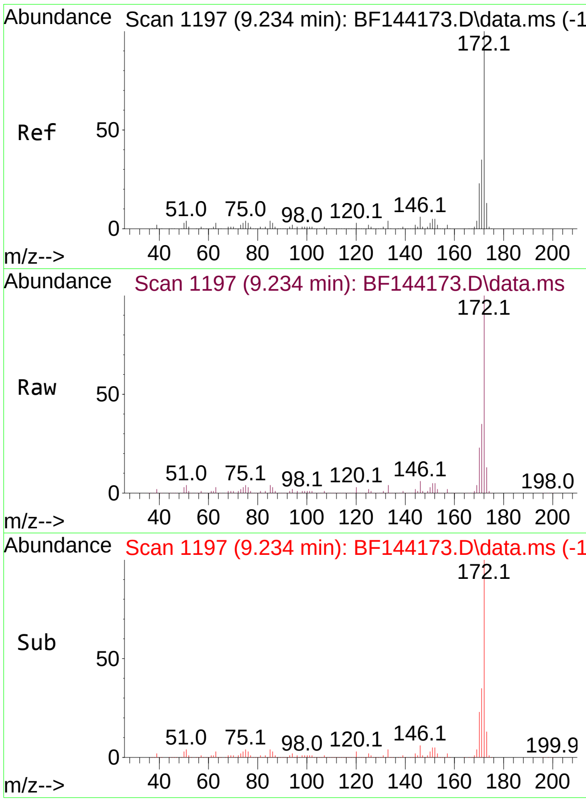
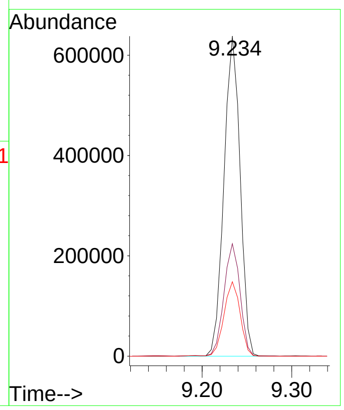
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

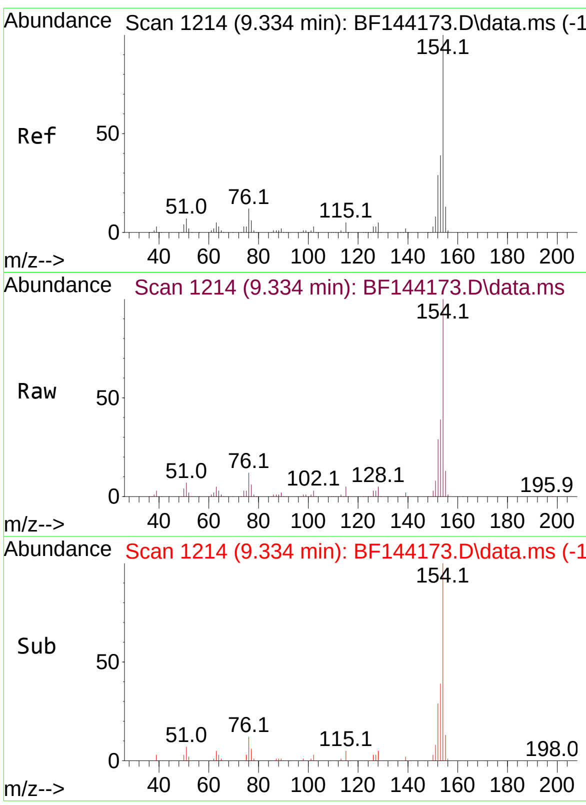


#45
2-Fluorobiphenyl
Concen: 79.737 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:172 Resp: 803464

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.3	18.6	28.0

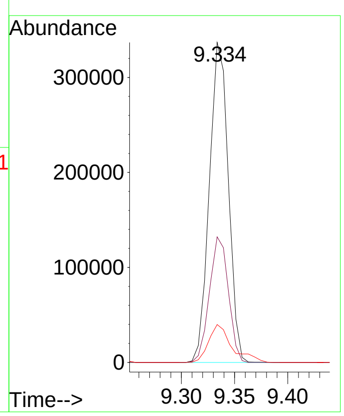




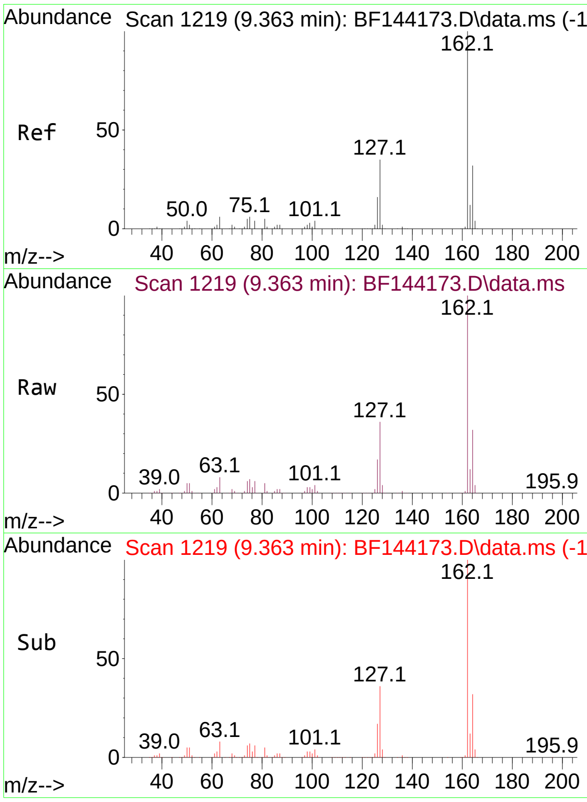
#46
1,1'-Biphenyl
Concen: 40.345 ng
RT: 9.334 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:154 Resp: 419119

Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.2	59.2
76	11.8	0.0	31.8



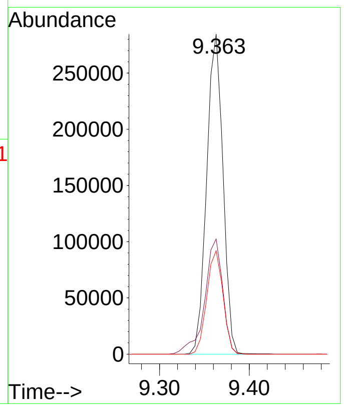
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

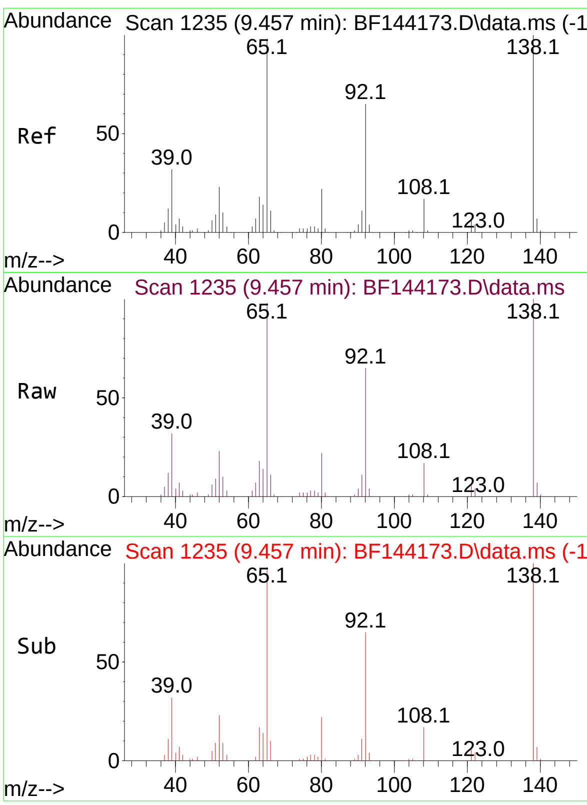


#47
2-Chloronaphthalene
Concen: 40.458 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:162 Resp: 358514

Ion	Ratio	Lower	Upper
162	100		
127	36.0	28.8	43.2
164	32.3	25.8	38.8

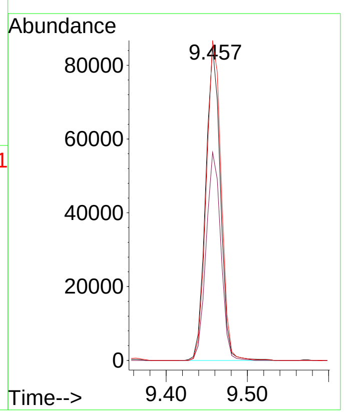




#48
2-Nitroaniline
Concen: 42.059 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

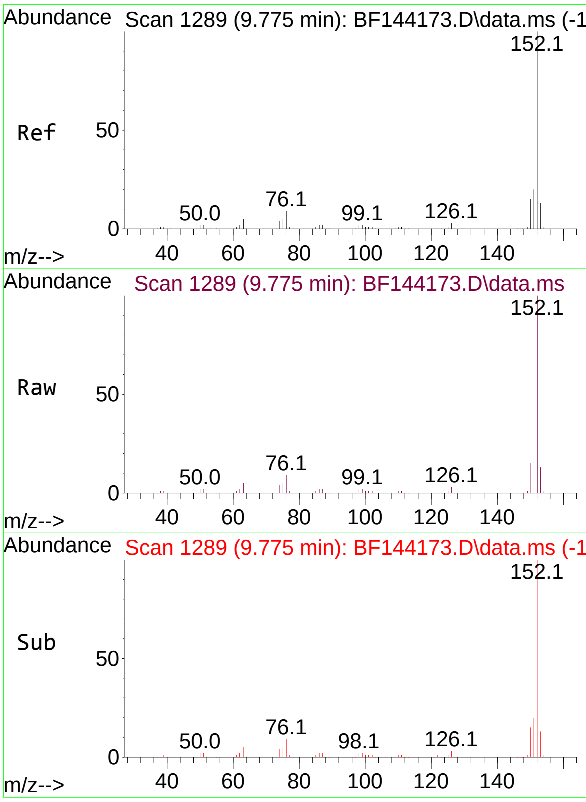
Tgt Ion: 65 Resp: 107536

Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.0	79.6
138	102.0	81.6	122.4



ICAL Form

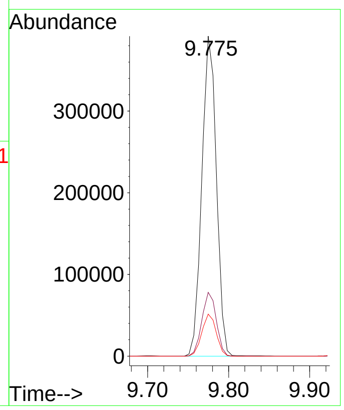
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

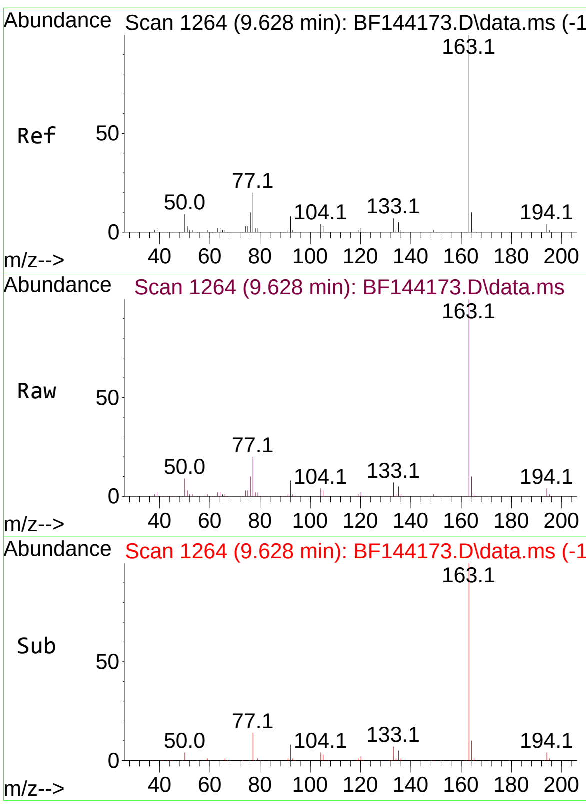


#49
Acenaphthylene
Concen: 40.553 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:152 Resp: 489708

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.1	10.5	15.7

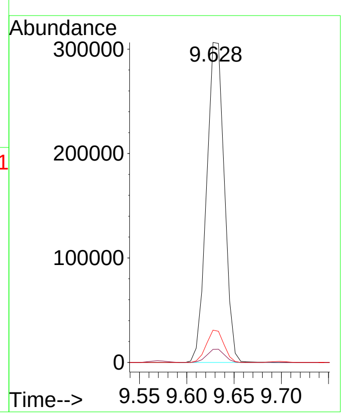




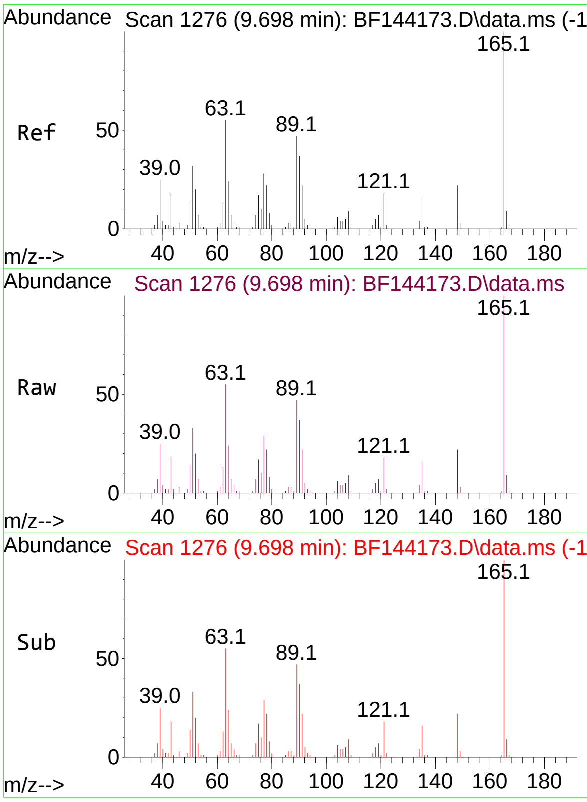
#50
Dimethylphthalate
Concen: 40.620 ng
RT: 9.628 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:163 Resp: 400479

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	8.1	12.1



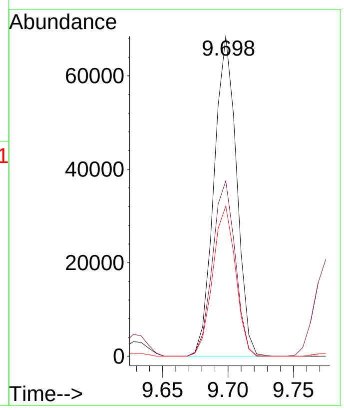
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

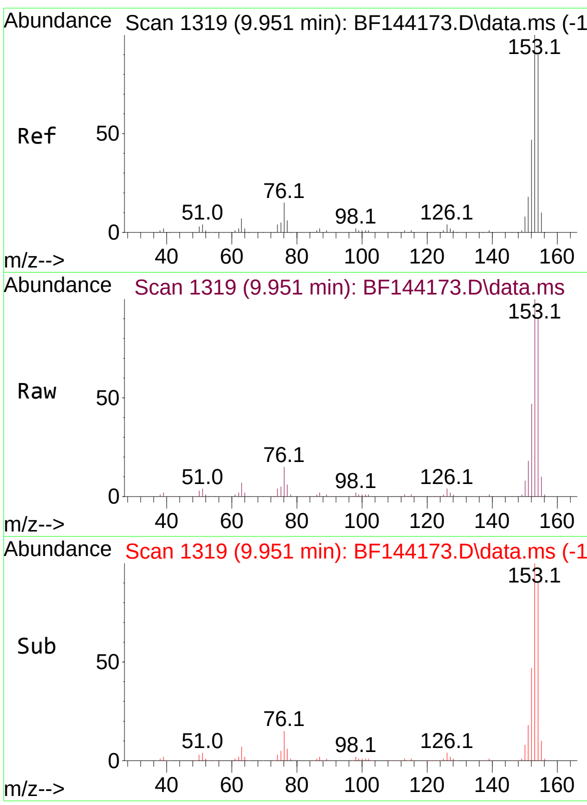


#51
2,6-Dinitrotoluene
Concen: 41.169 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:165 Resp: 82166

Ion	Ratio	Lower	Upper
165	100		
63	54.8	43.8	65.8
89	46.9	37.5	56.3

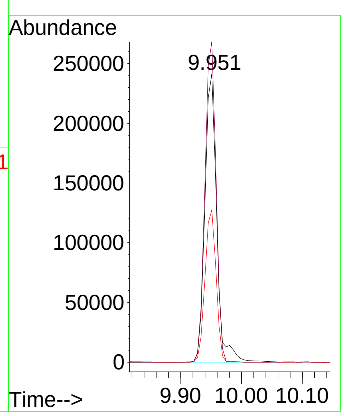




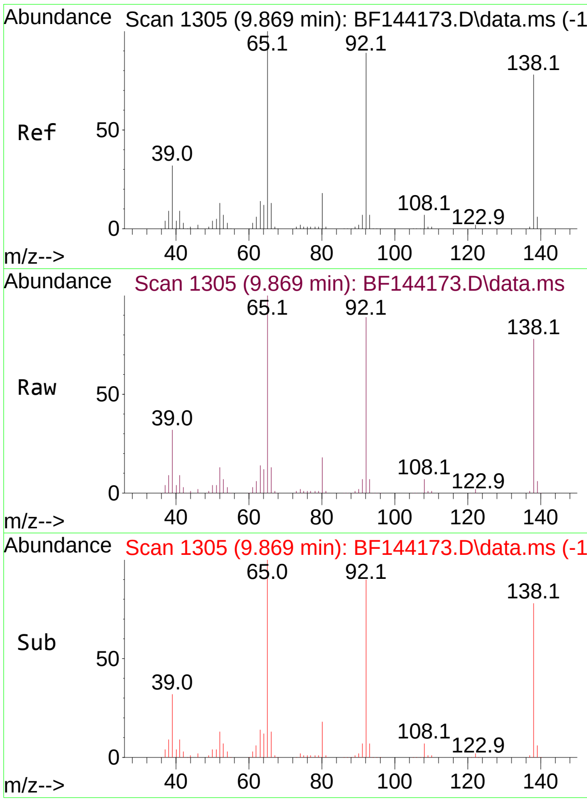
#52
Acenaphthene
Concen: 40.406 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:154 Resp: 326285

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.0	133.4
152	52.8	42.2	63.4



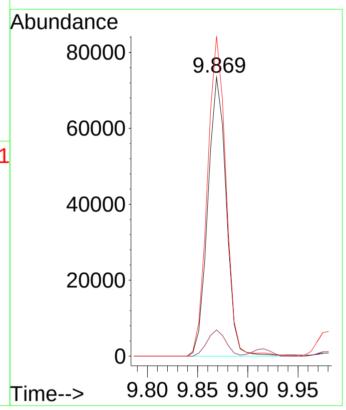
Instrument : BNA_F
ClientSampleId : SSTDICCC040

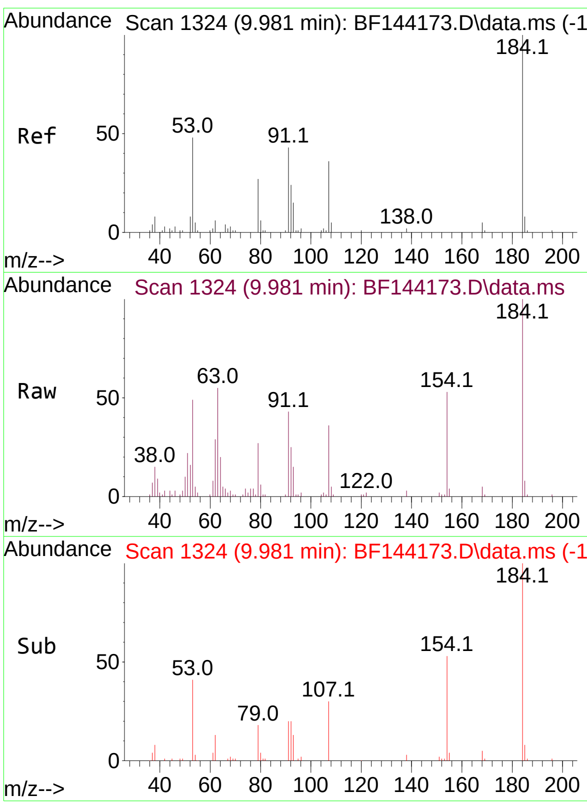


#53
3-Nitroaniline
Concen: 42.918 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:138 Resp: 93636

Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.5	11.3
92	114.7	91.8	137.6

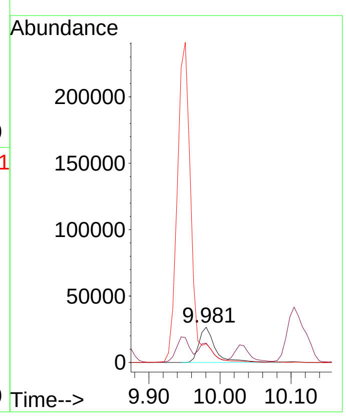




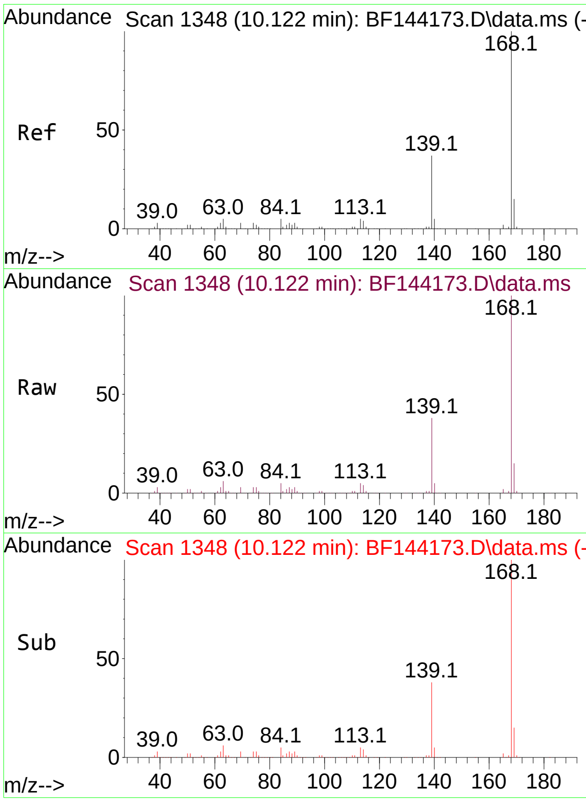
#54
2,4-Dinitrophenol
Concen: 34.614 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:184 Resp: 41716

Ion	Ratio	Lower	Upper
184	100		
63	55.0	44.0	66.0
154	53.0	42.4	63.6



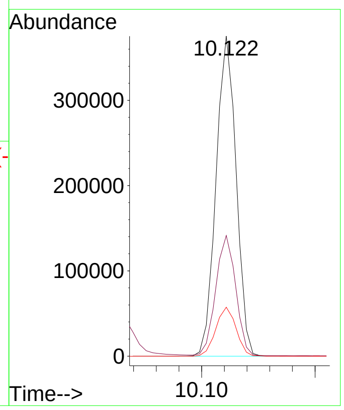
Instrument : BNA_F
ClientSampleId : SSTDICCC040

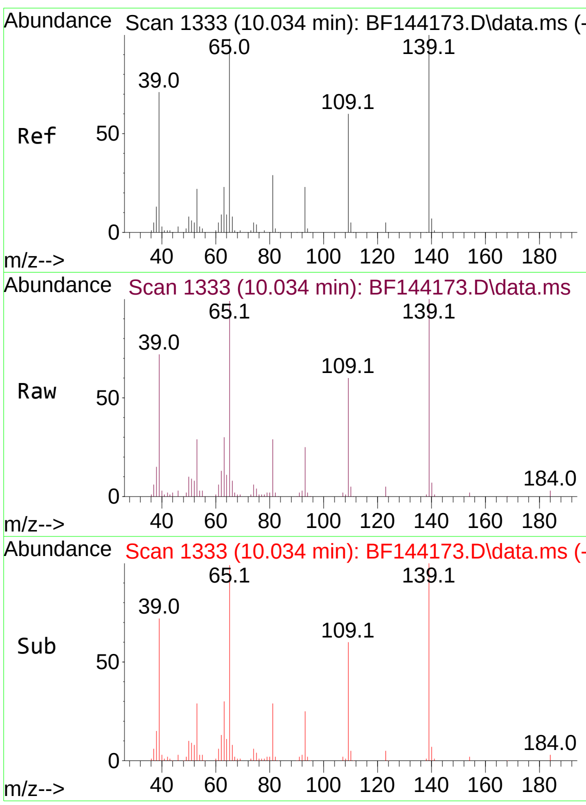


#55
Dibenzofuran
Concen: 40.810 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:168 Resp: 461538

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.2	45.2
169	15.3	12.2	18.4

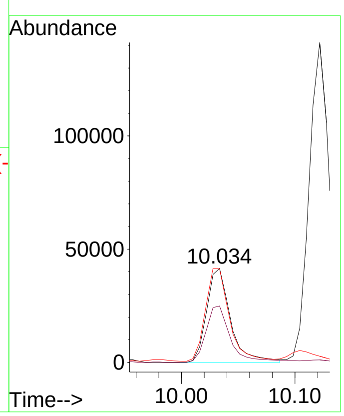




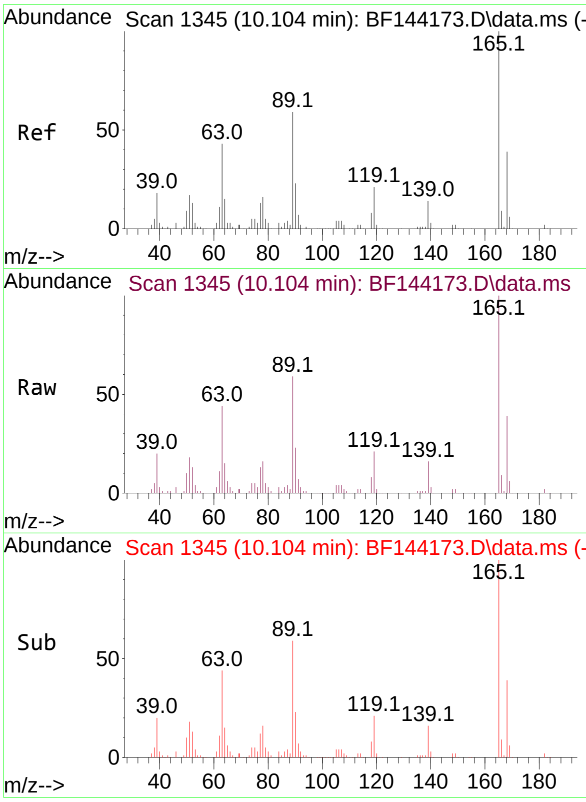
#56
4-Nitrophenol
Concen: 38.426 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:139 Resp: 60643

Ion	Ratio	Lower	Upper
139	100		
109	59.9	39.9	79.9
65	99.5	79.5	119.5



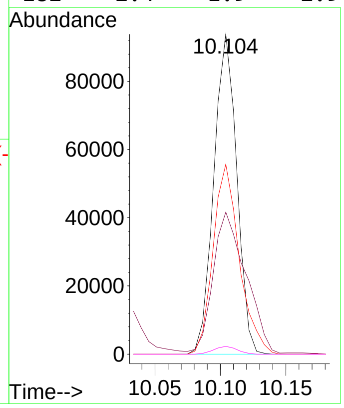
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

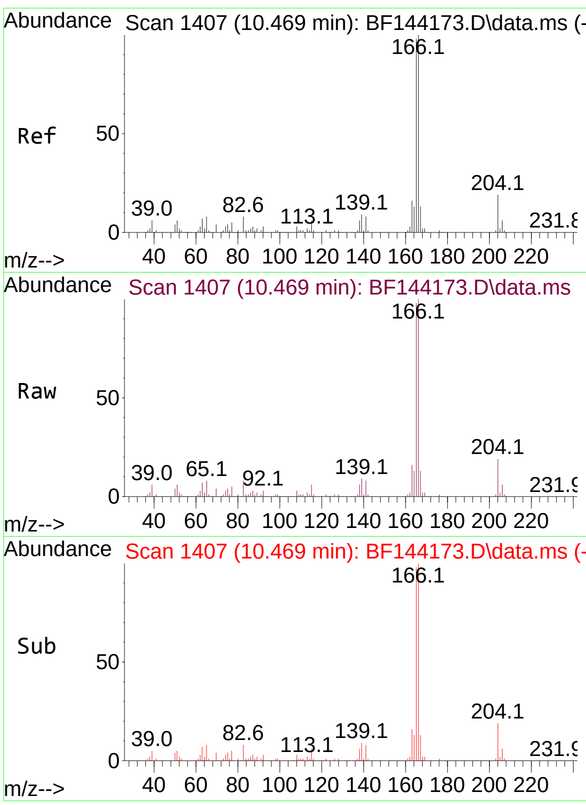


#57
2,4-Dinitrotoluene
Concen: 42.858 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:165 Resp: 114508

Ion	Ratio	Lower	Upper
165	100		
63	44.4	35.5	53.3
89	59.3	47.4	71.2
182	2.4	1.9	2.9

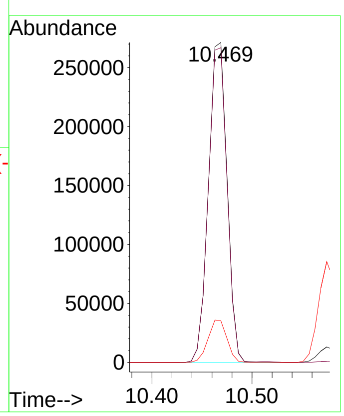




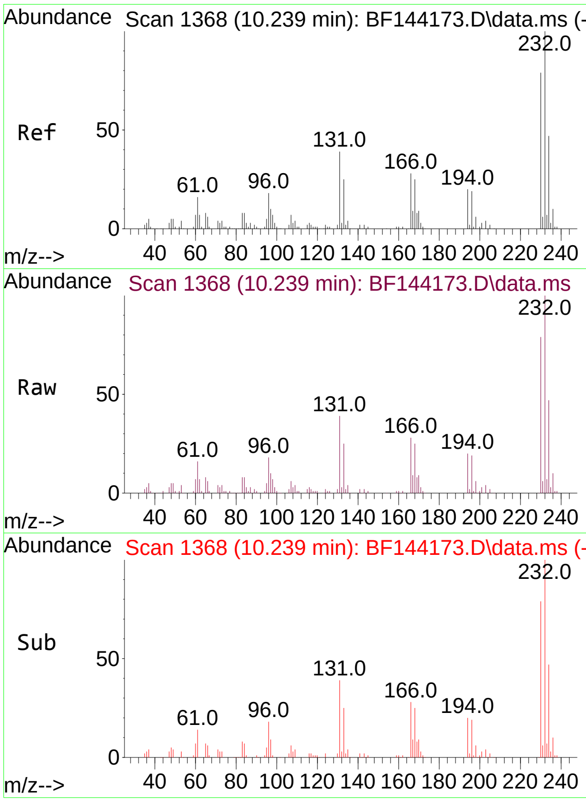
#58
Fluorene
Concen: 40.841 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:166 Resp: 351182

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	118.0
167	13.0	10.4	15.6



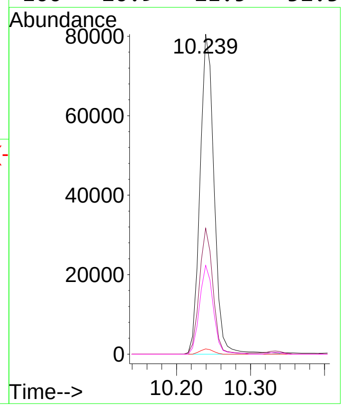
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

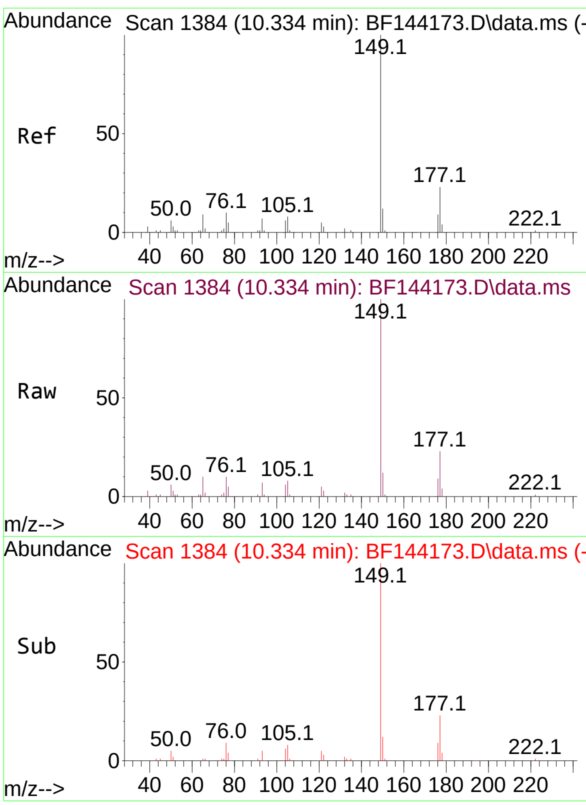


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.037 ng
RT: 10.239 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:232 Resp: 106411

Ion	Ratio	Lower	Upper
232	100		
131	37.9	30.3	45.5
130	1.5	1.2	1.8
166	26.9	21.5	32.3

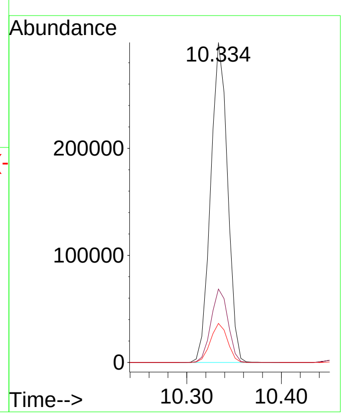




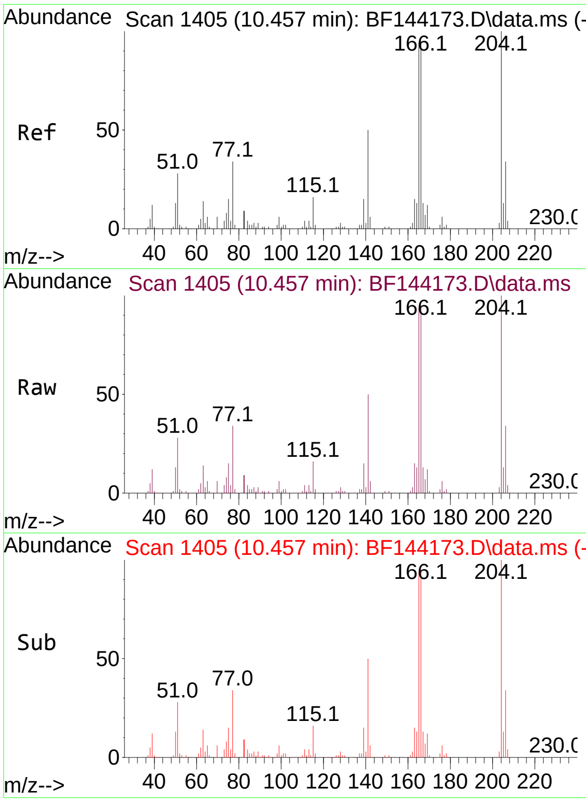
#60
Diethylphthalate
Concen: 41.061 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 373187

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.2	9.8	14.6



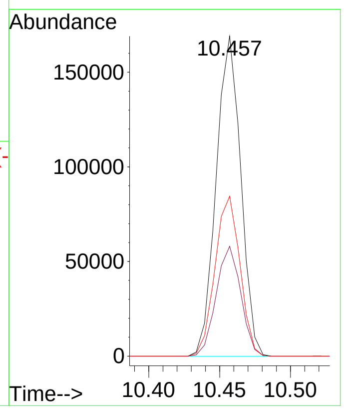
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

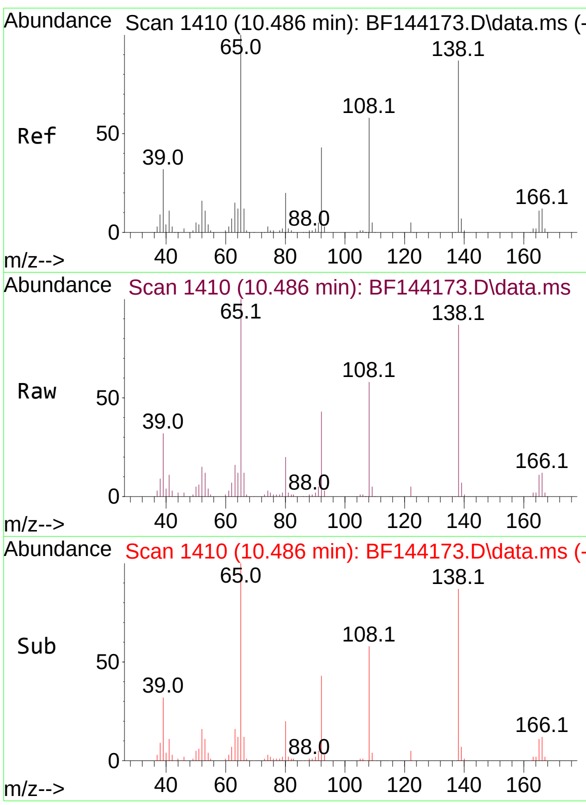


#61
4-Chlorophenyl-phenylether
Concen: 41.598 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:204 Resp: 203750

Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.4	41.2
141	50.0	40.0	60.0

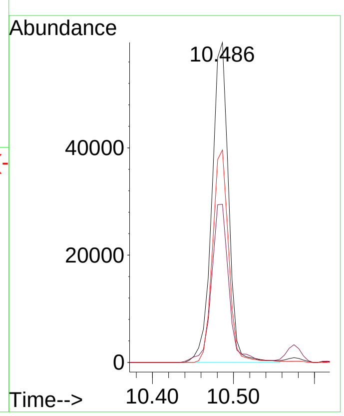




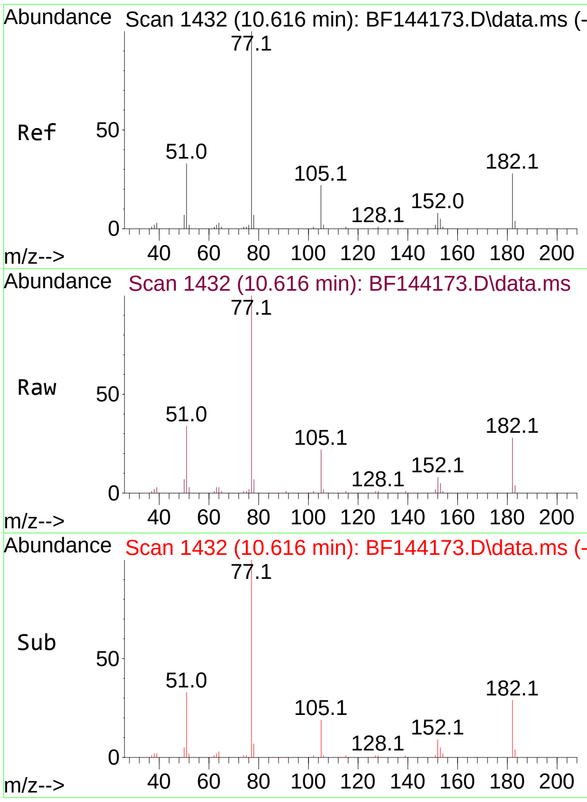
#62
4-Nitroaniline
Concen: 41.237 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:138 Resp: 85679

Ion	Ratio	Lower	Upper
138	100		
92	49.4	29.4	69.4
108	66.4	46.4	86.4



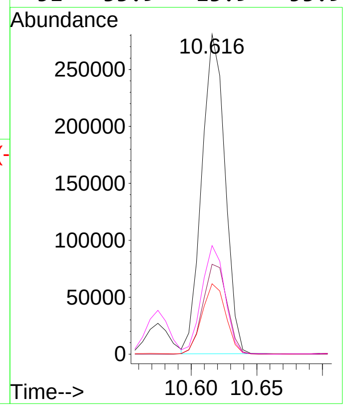
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

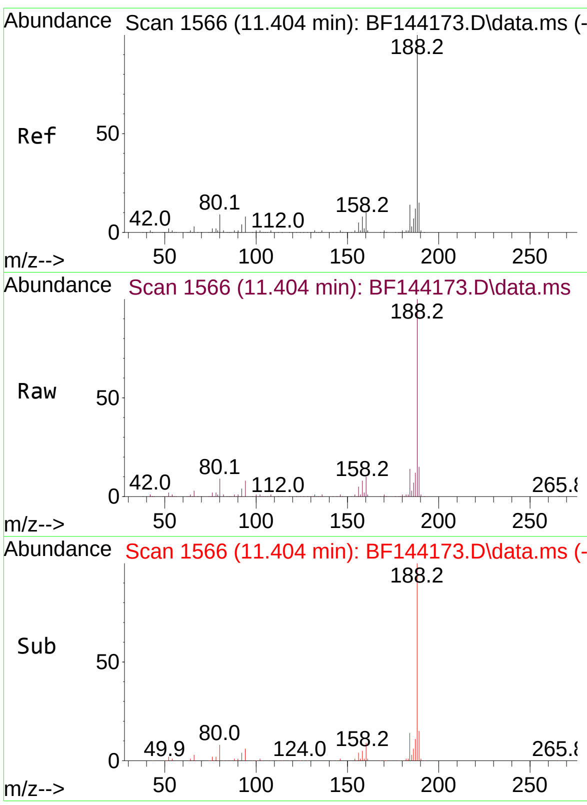


#63
Azobenzene
Concen: 40.948 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 77 Resp: 346367

Ion	Ratio	Lower	Upper
77	100		
182	28.1	8.1	48.1
105	22.0	2.0	42.0
51	33.9	13.9	53.9

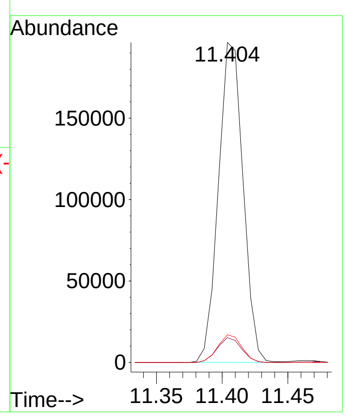




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

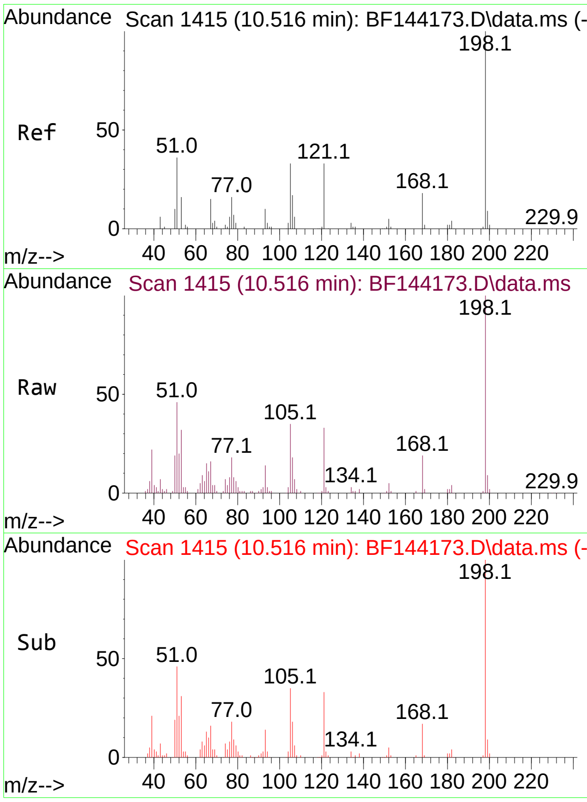
Tgt Ion:188 Resp: 257329

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.2	9.2
80	8.6	6.9	10.3



ICAL Form

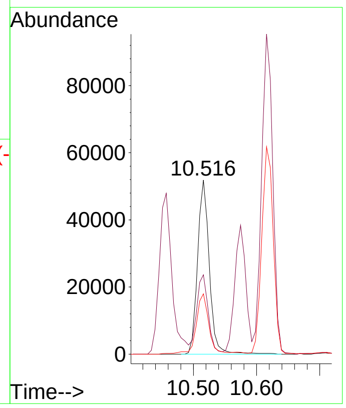
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

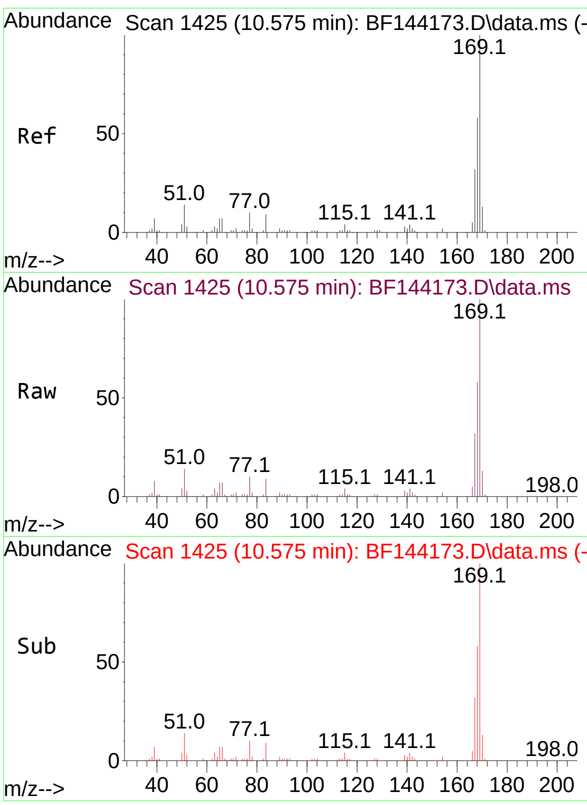


#65
4,6-Dinitro-2-methylphenol
Concen: 38.343 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:198 Resp: 67029

Ion	Ratio	Lower	Upper
198	100		
51	45.6	25.6	65.6
105	34.6	14.6	54.6

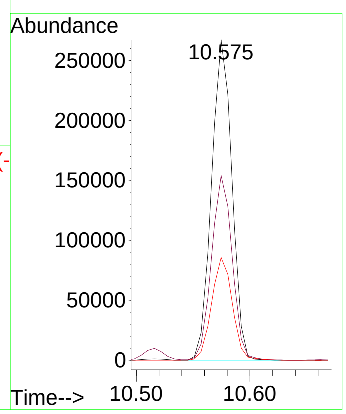




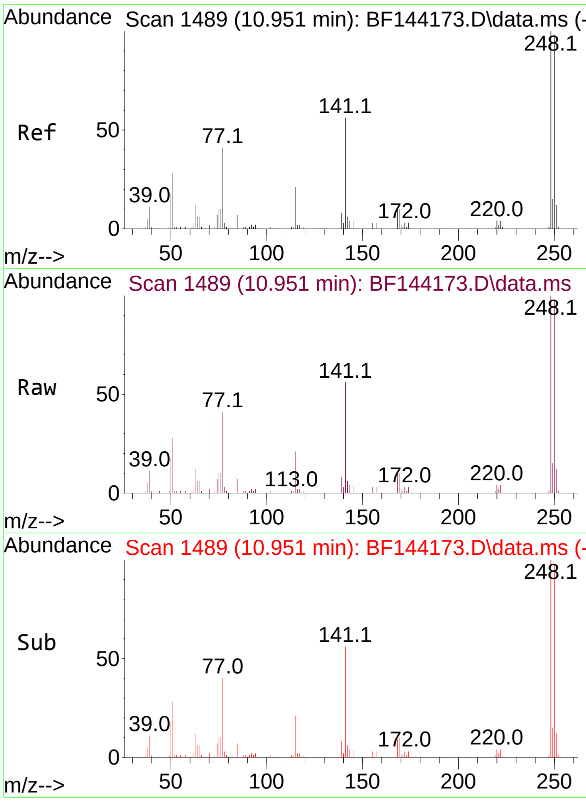
#66
n-Nitrosodiphenylamine
Concen: 40.189 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:169 Resp: 332623

Ion	Ratio	Lower	Upper
169	100		
168	57.7	46.2	69.2
167	32.1	25.7	38.5



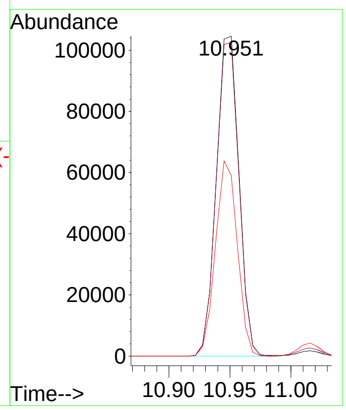
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

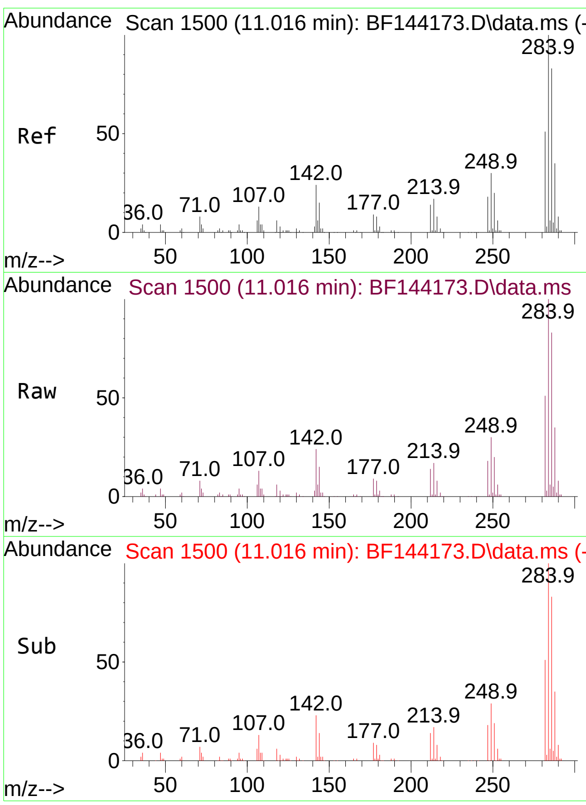


#67
4-Bromophenyl-phenylether
Concen: 41.198 ng
RT: 10.951 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:248 Resp: 135319

Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.4	117.6
141	56.4	45.1	67.7

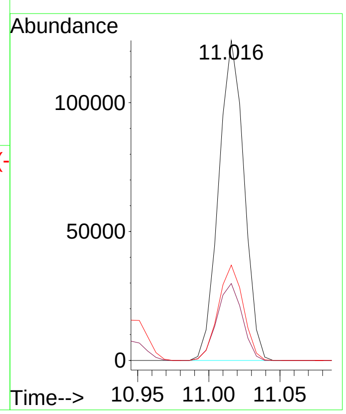




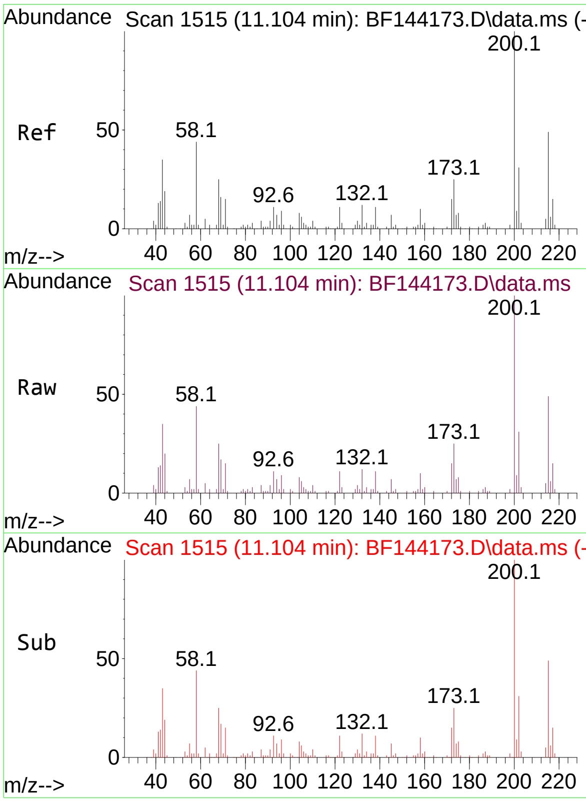
#68
Hexachlorobenzene
Concen: 39.943 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:284 Resp: 154532

Ion	Ratio	Lower	Upper
284	100		
142	24.0	19.2	28.8
249	29.8	23.8	35.8



ICAL Form



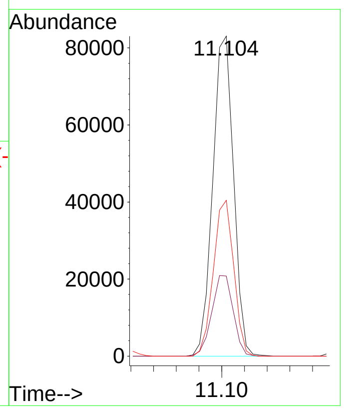
#69
Atrazine
Concen: 40.239 ng
RT: 11.104 min Scan# 1

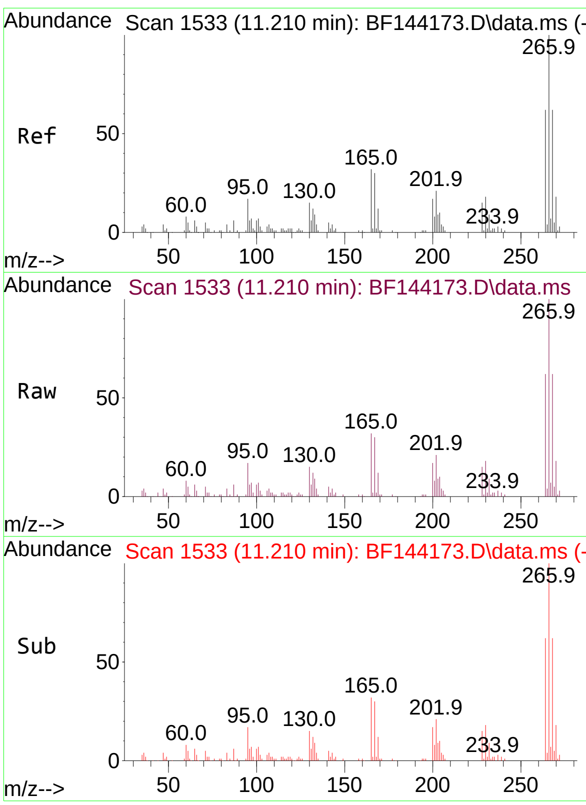
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:200 Resp: 105912

Ion	Ratio	Lower	Upper
200	100		
173	25.0	5.0	45.0
215	48.7	28.7	68.7

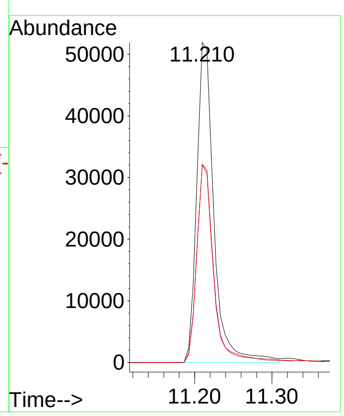




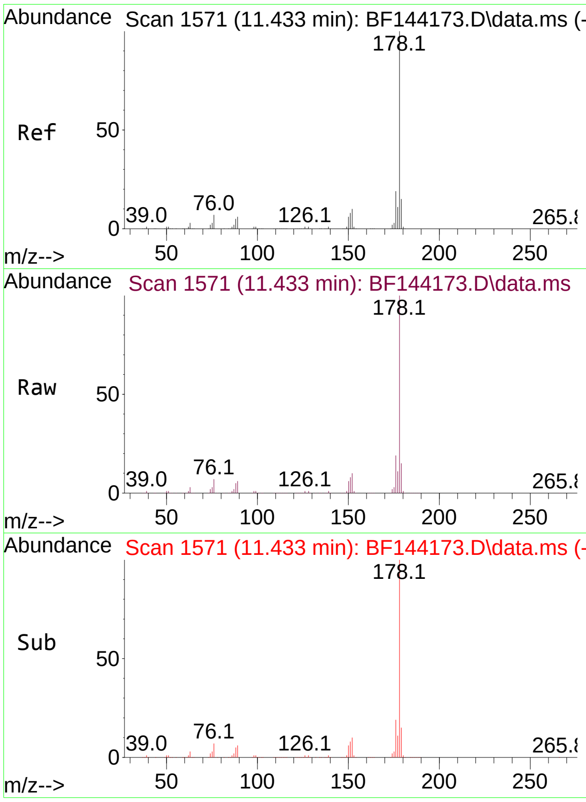
#70
Pentachlorophenol
Concen: 41.685 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:266 Resp: 80306

Ion	Ratio	Lower	Upper
266	100		
268	61.9	49.5	74.3
264	61.8	49.4	74.2



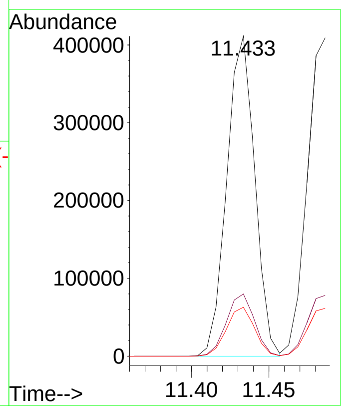
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

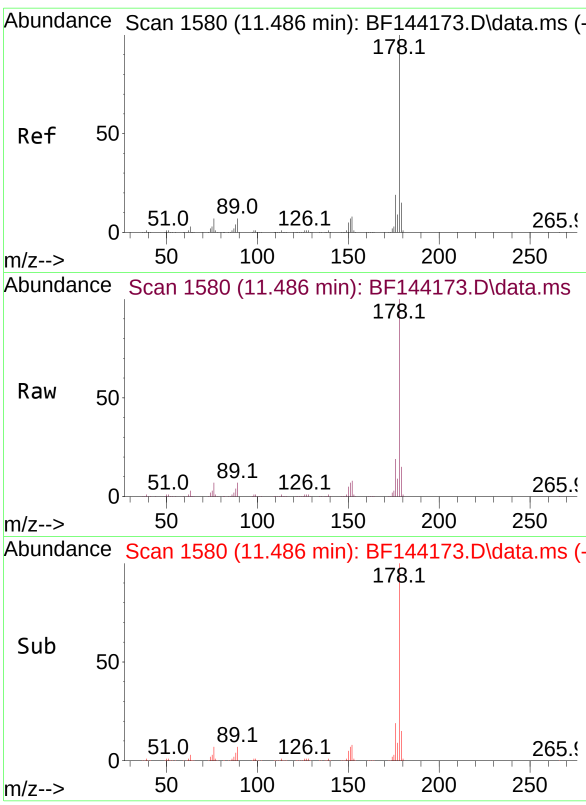


#71
Phenanthrene
Concen: 40.513 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:178 Resp: 519052

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.3	12.2	18.4

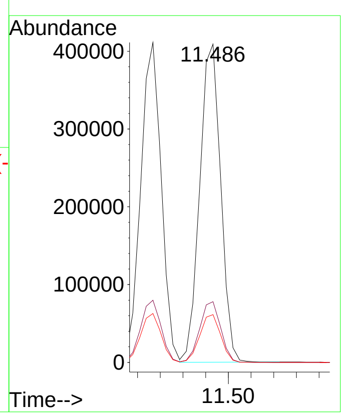




#72
Anthracene
Concen: 40.372 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

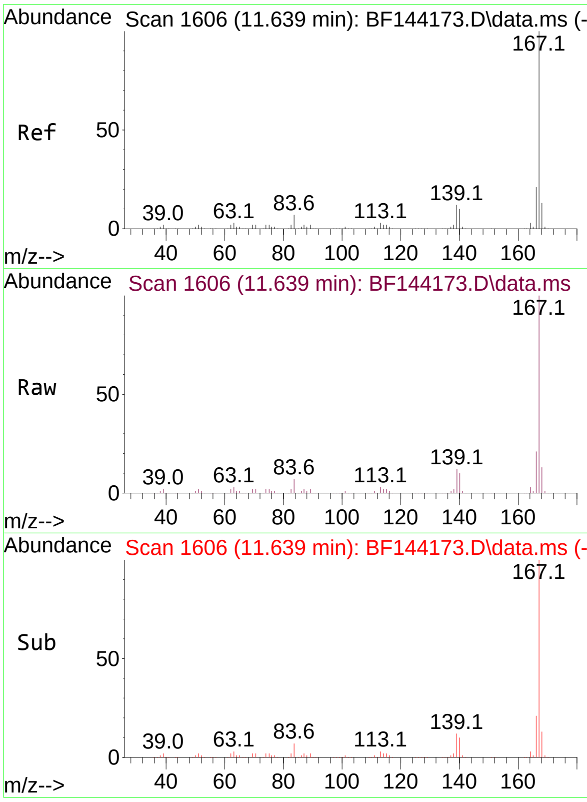
Tgt Ion:178 Resp: 525954

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.0	12.0	18.0



ICAL Form

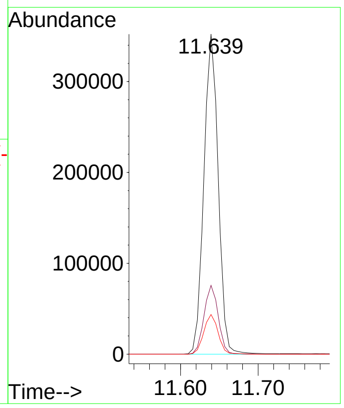
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

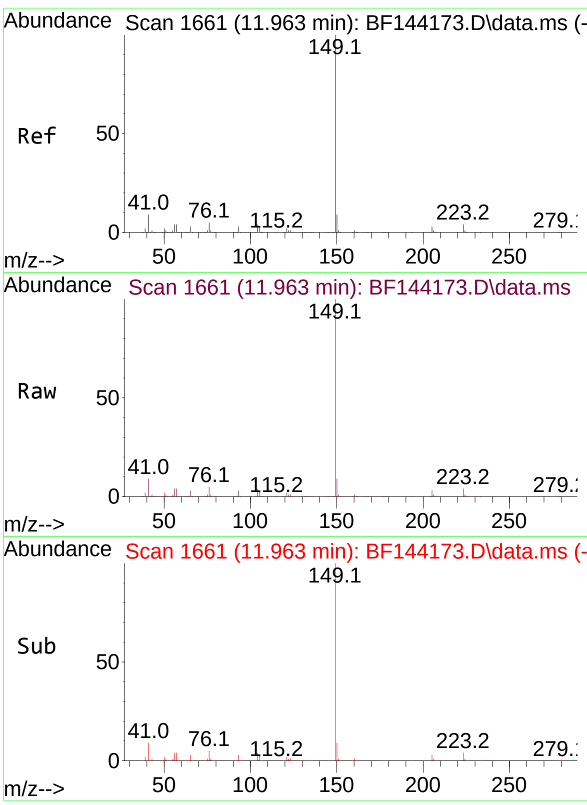


#73
Carbazole
Concen: 40.796 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:167 Resp: 451935

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.4	9.9	14.9

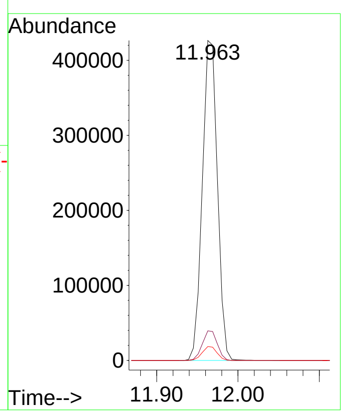


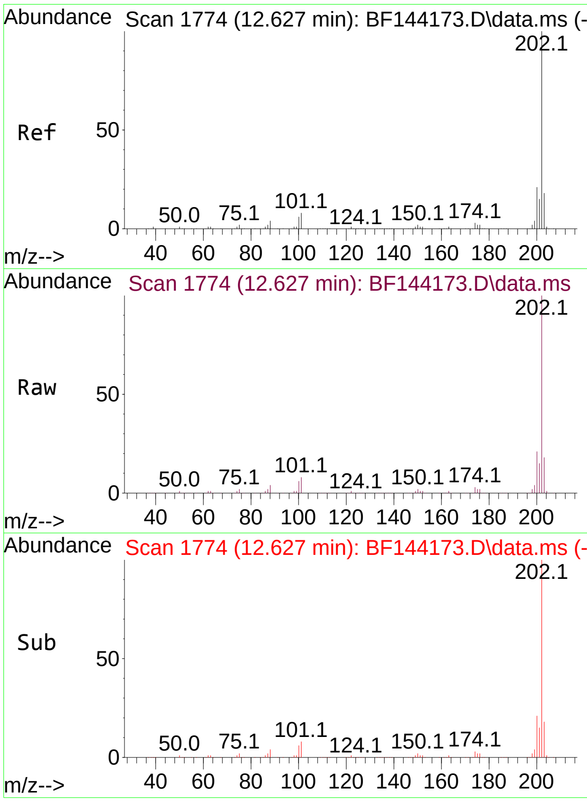


#74
Di-n-butylphthalate
Concen: 41.117 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 550628

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.3	3.4	5.2



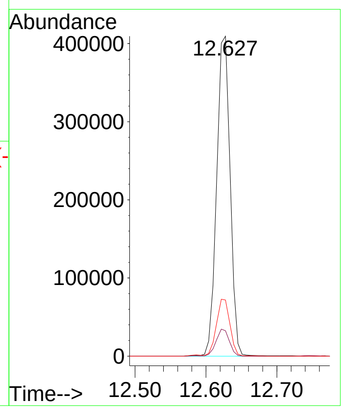


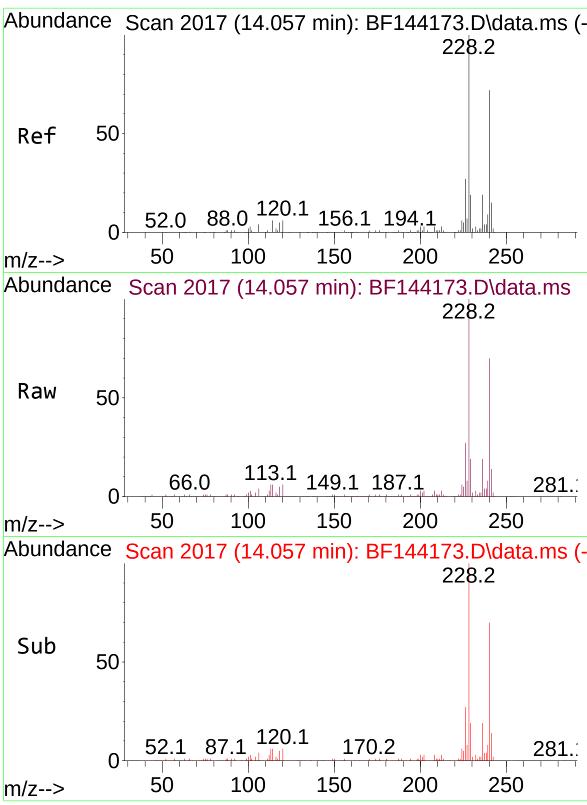
#75
Fluoranthene
Concen: 40.992 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 542525

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	27.9
203	17.5	0.0	37.5

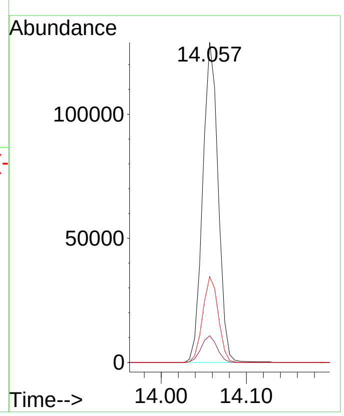




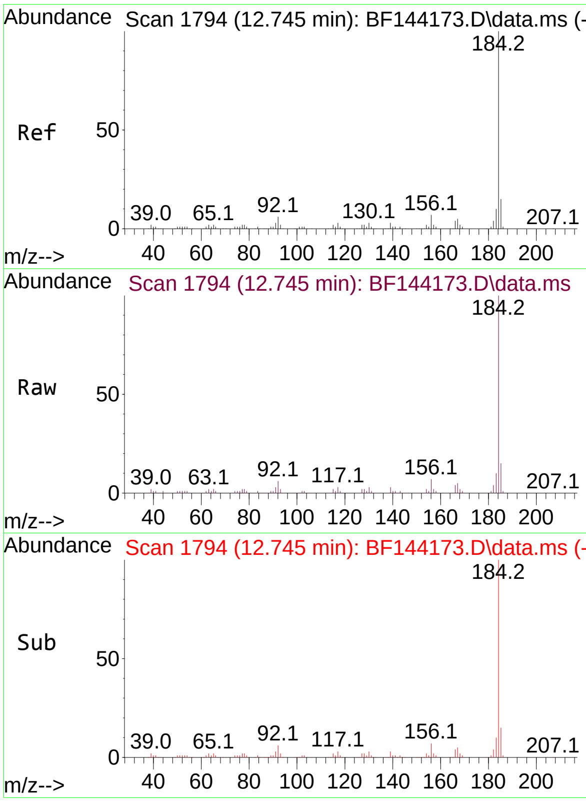
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:240 Resp: 162650

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.6	10.0
236	26.8	21.4	32.2

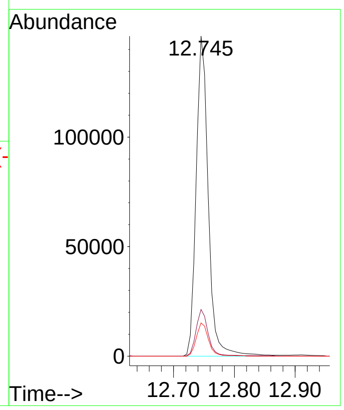


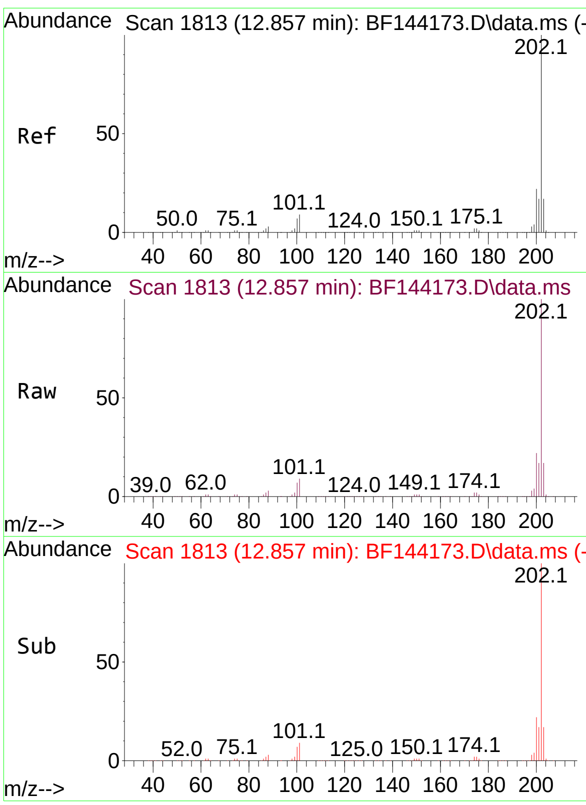
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040




```
#77
Benzidine
Concen:   42.178 ng
RT:  12.745 min  Scan# 1
Delta R.T.  -0.006 min
Lab File:   BF144173.D
Acq: 05 Nov 2025  14:50

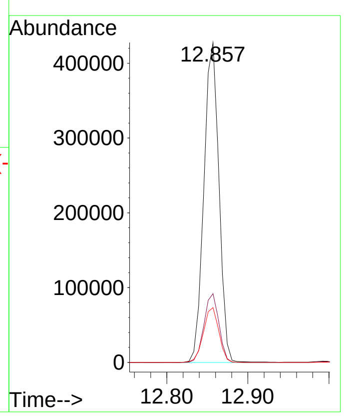
Tgt Ion:184 Resp:  202921
Ion  Ratio  Lower  Upper
184  100
185   14.6   11.7   17.5
183   10.4    8.3   12.5
```



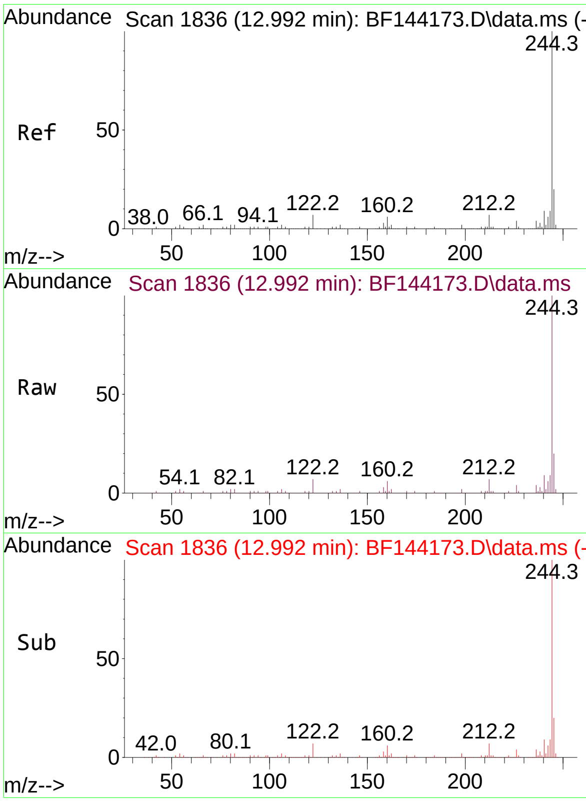



```
#78
Pyrene
Concen:   42.272 ng
RT:  12.857 min  Scan# 1813
Delta R.T.  0.000 min
Lab File:   BF144173.D
Acq: 05 Nov 2025  14:50

Tgt Ion:202 Resp:  554374
Ion  Ratio  Lower  Upper
202  100
200   21.5   17.2   25.8
203   17.1   13.7   20.5
```

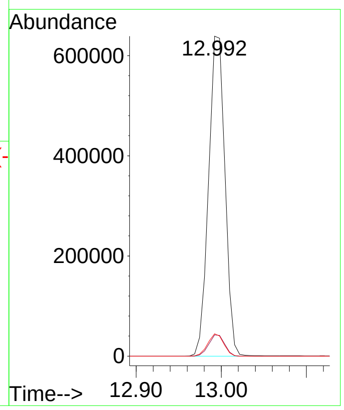


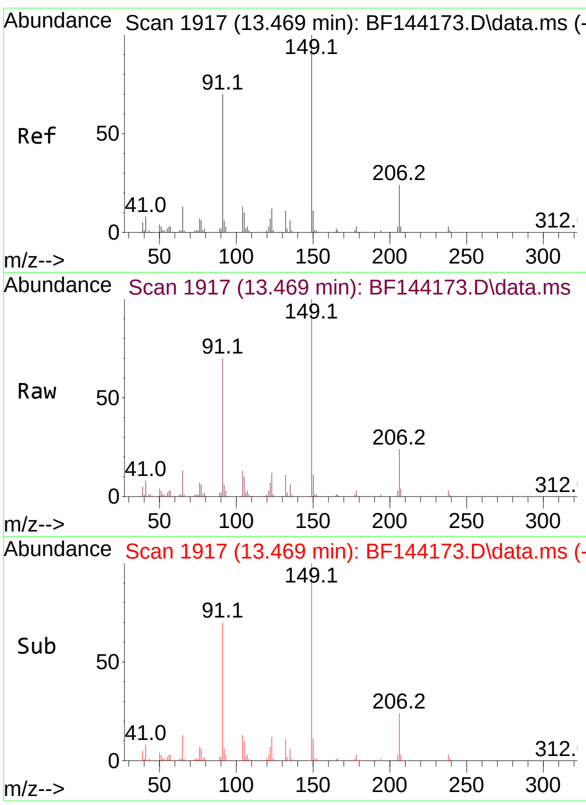
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040




```
#79
Terphenyl-d14
Concen:   83.645 ng
RT:  12.992 min  Scan# 18
Delta R.T.  -0.006 min
Lab File:   BF144173.D
Acq: 05 Nov 2025  14:50

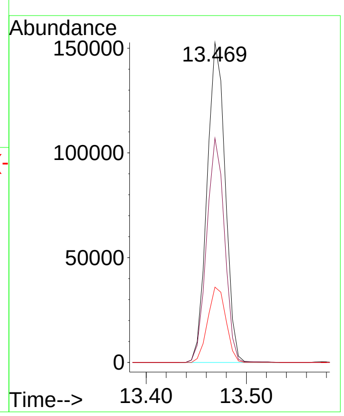
Tgt Ion:244 Resp:  856515
Ion  Ratio  Lower  Upper
244  100
212    6.6    5.3    7.9
122    7.0    5.6    8.4
```



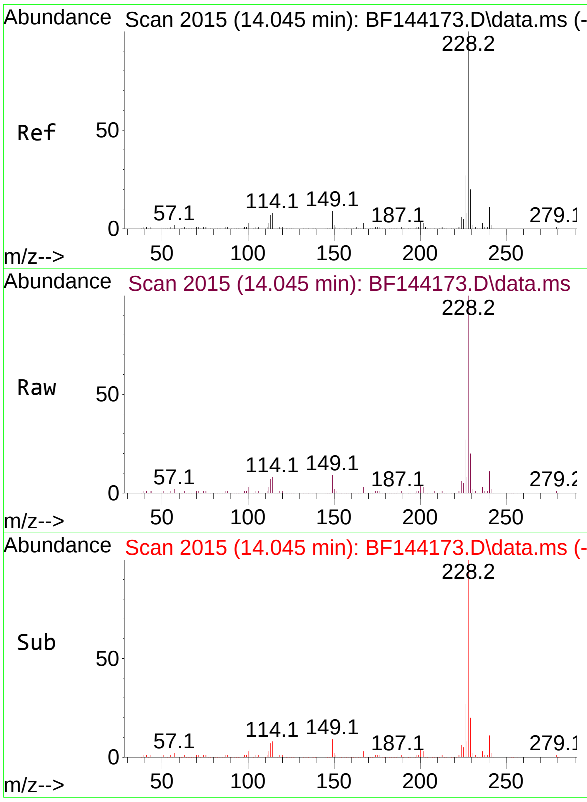



```
#80
Butylbenzylphthalate
Concen:   42.209 ng
RT:  13.469 min  Scan# 1917
Delta R.T.  -0.006 min
Lab File:   BF144173.D
Acq: 05 Nov 2025  14:50

Tgt Ion:149 Resp:  191850
Ion  Ratio  Lower  Upper
149  100
 91   70.1   56.1   84.1
206   23.5   18.8   28.2
```



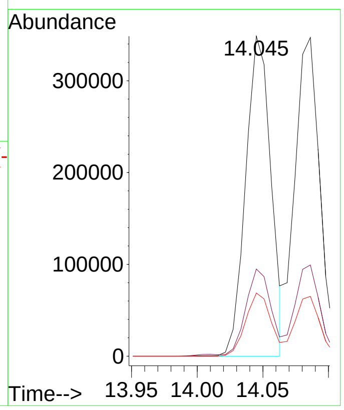
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

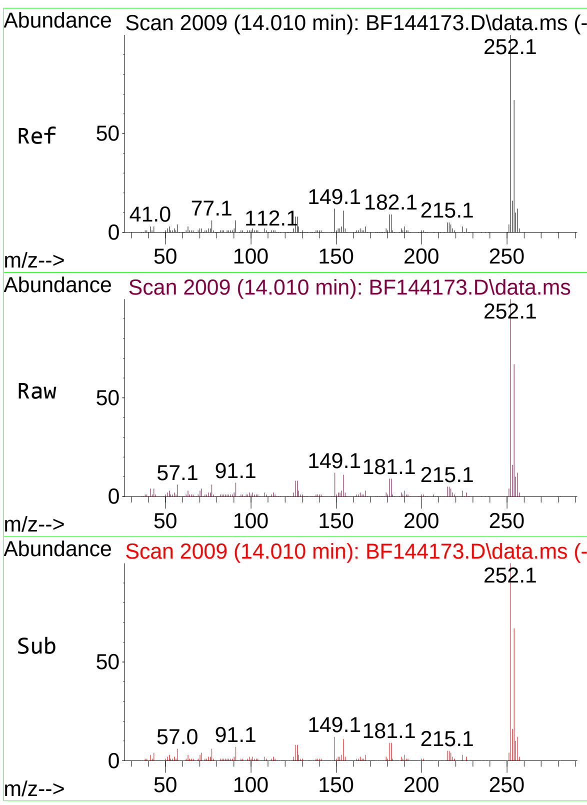


#81
Benzo(a)anthracene
Concen: 41.267 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:228 Resp: 465201

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.7	15.8	23.6

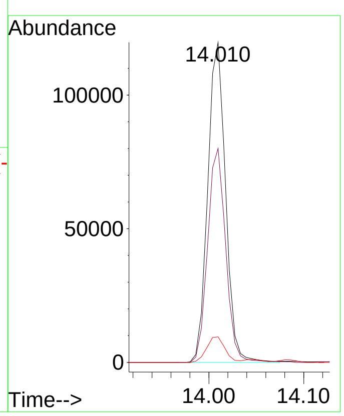




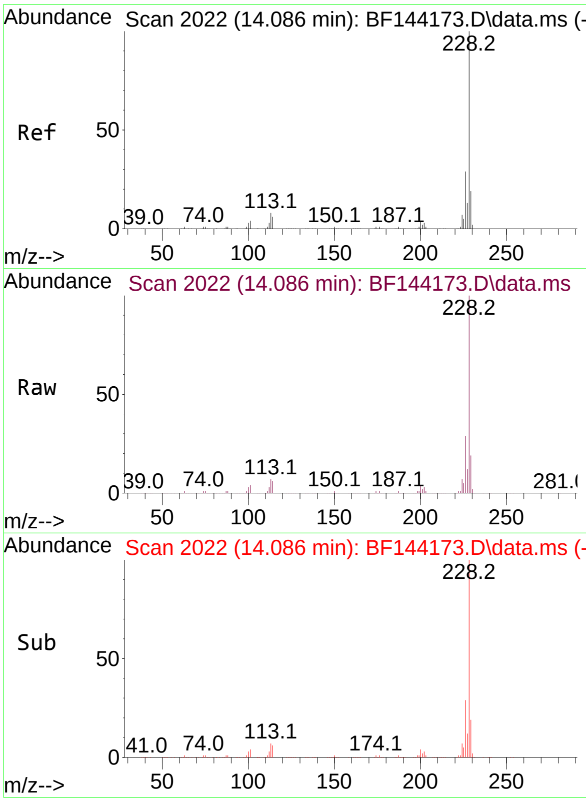
#82
3,3'-Dichlorobenzidine
Concen: 40.620 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:252 Resp: 156957

Ion	Ratio	Lower	Upper
252	100		
254	66.9	53.5	80.3
126	8.0	6.4	9.6

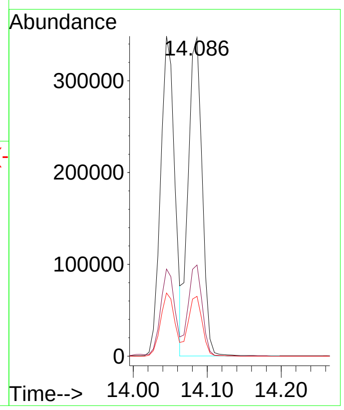


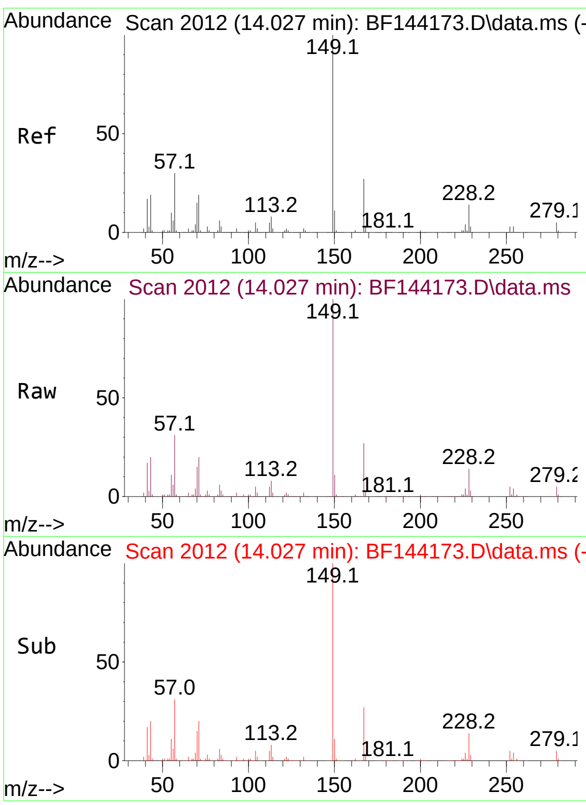
Instrument : BNA_F
ClientSampleId : SSTDICCC040




```
#83
Chrysene
Concen:   43.853 ng
RT:  14.086 min  Scan# 20
Delta R.T.  0.000 min
Lab File:   BF144173.D
Acq: 05 Nov 2025  14:50

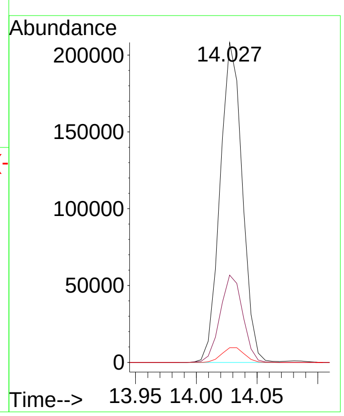
Tgt Ion:228 Resp:  456347
Ion  Ratio  Lower  Upper
228  100
226   28.6   22.9   34.3
229   18.8   15.0   22.6
```



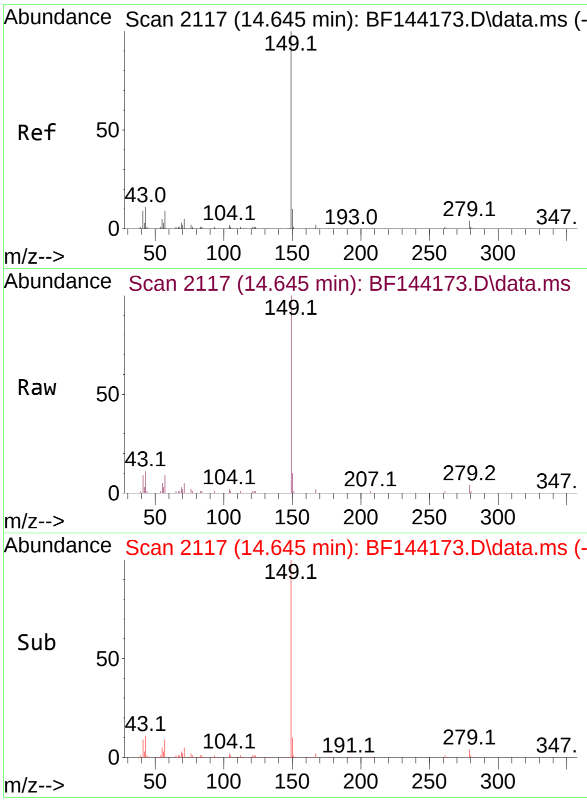



```
#84
Bis(2-ethylhexyl)phthalate
Concen:   42.651 ng
RT:  14.027 min  Scan# 2012
Delta R.T.  -0.006 min
Lab File:   BF144173.D
Acq: 05 Nov 2025  14:50

Tgt Ion:149 Resp:  265384
Ion  Ratio  Lower  Upper
149  100
167   27.3   21.8   32.8
279    4.6    3.7    5.5
```



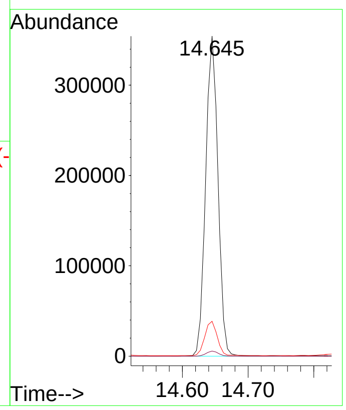
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

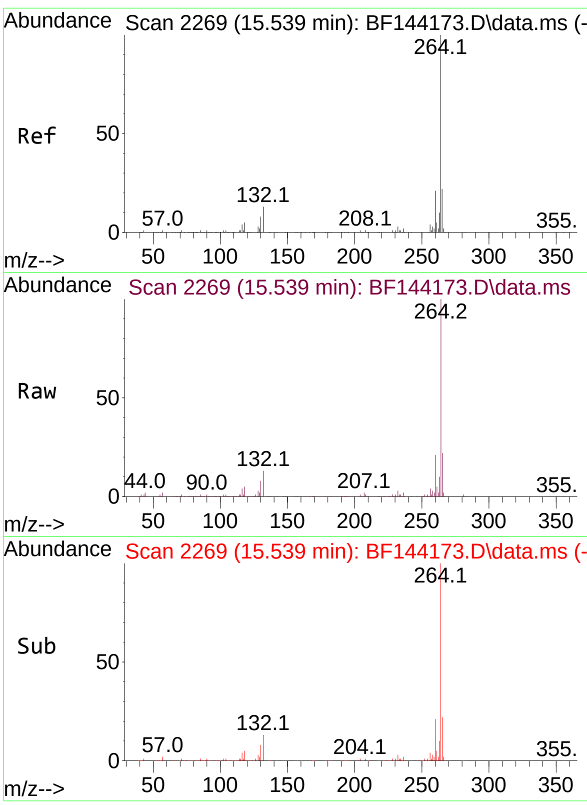


#85
Di-n-octyl phthalate
Concen: 42.739 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 458823

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.2	9.0	13.4

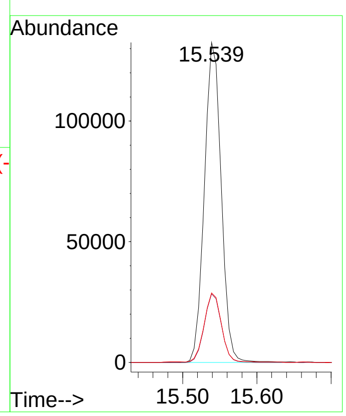




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

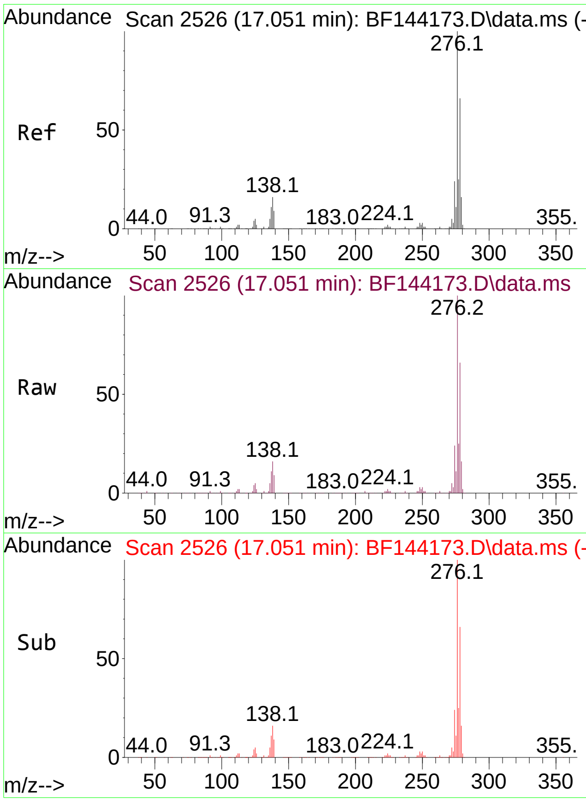
Tgt Ion:264 Resp: 208923

Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.1	25.7
265	21.7	17.4	26.0



ICAL Form

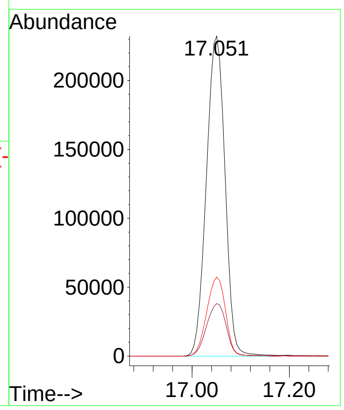
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

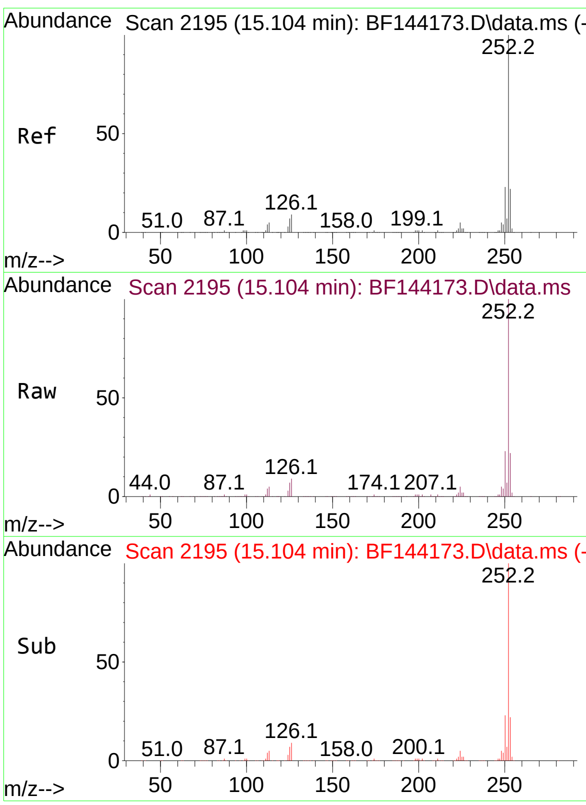


#87
Indeno(1,2,3-cd)pyrene
Concen: 41.385 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:276 Resp: 620668

Ion	Ratio	Lower	Upper
276	100		
138	17.4	13.9	20.9
277	24.7	19.8	29.6

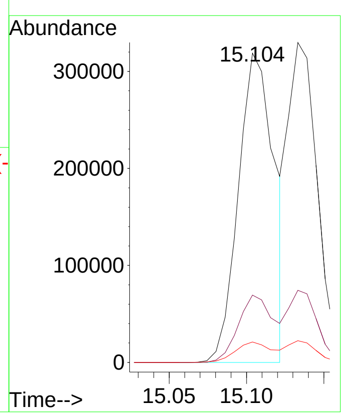




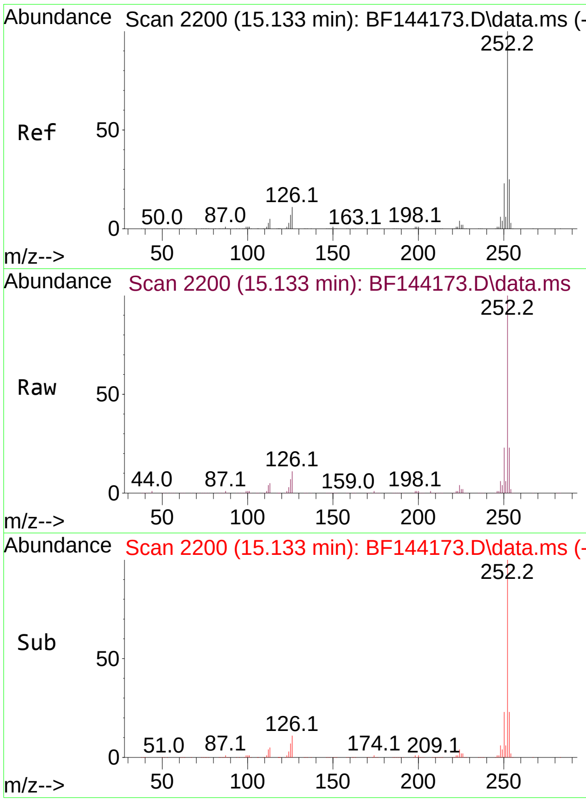
#88
Benzo(b)fluoranthene
Concen: 43.375 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:252 Resp: 515192

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	6.6	5.3	7.9



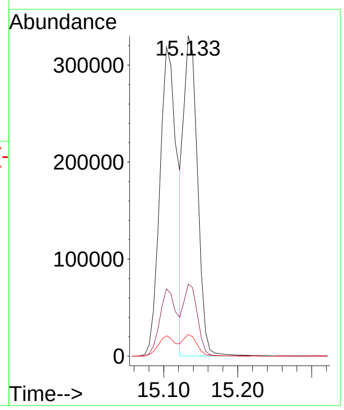
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

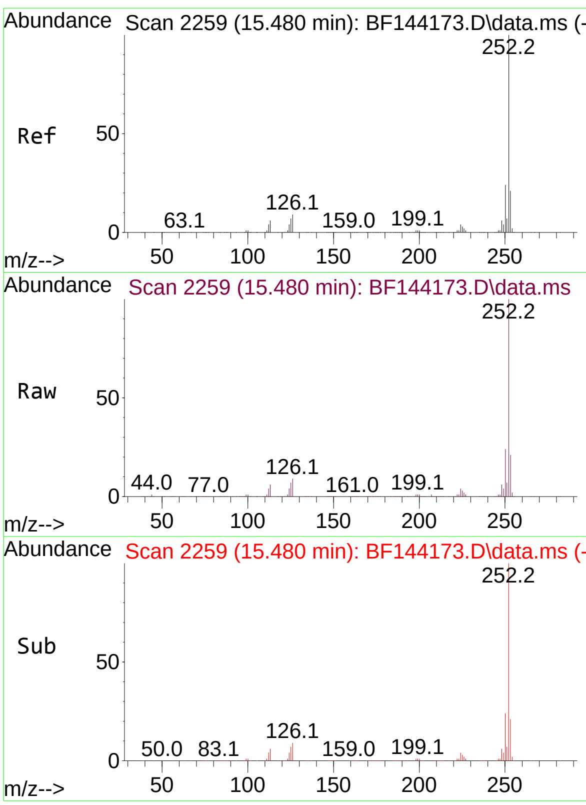


#89
Benzo(k)fluoranthene
Concen: 39.135 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:252 Resp: 435087

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	6.8	5.4	8.2

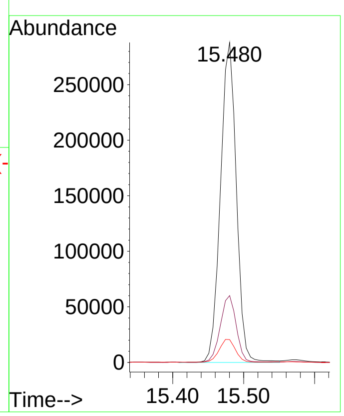




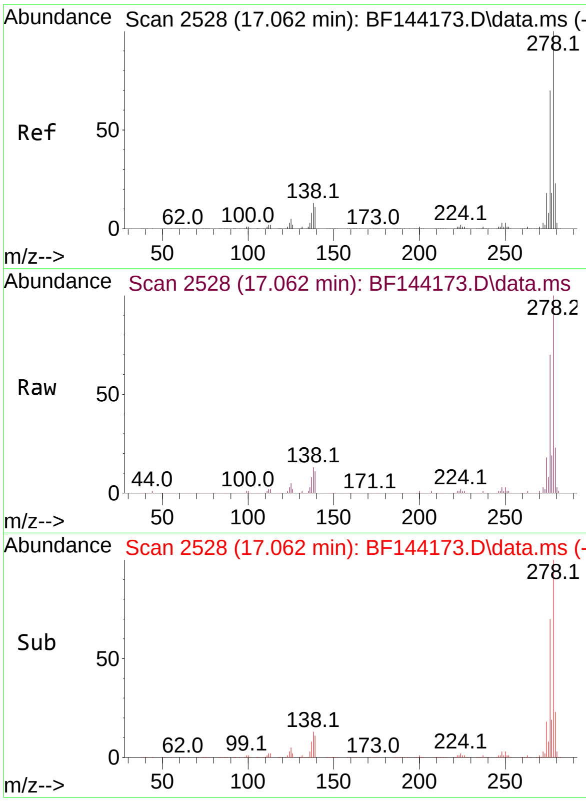
#90
Benzo(a)pyrene
Concen: 41.055 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:252 Resp: 449869

Ion	Ratio	Lower	Upper
252	100		
253	20.9	16.7	25.1
125	7.1	5.7	8.5



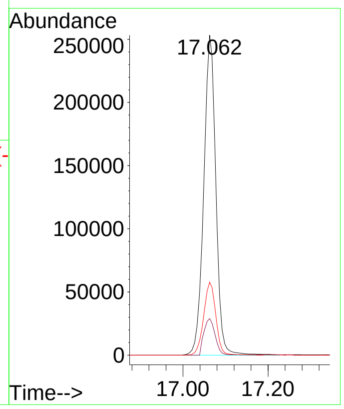
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

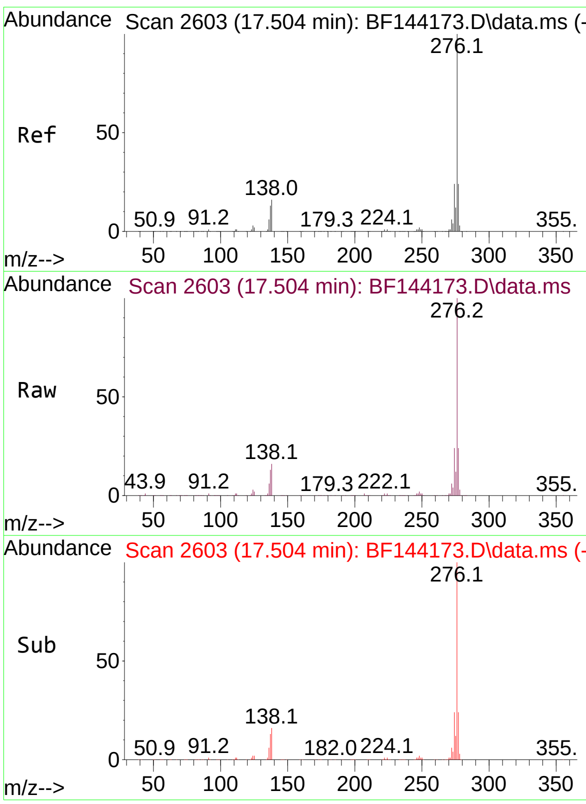


#91
Dibenzo(a,h)anthracene
Concen: 41.578 ng
RT: 17.062 min Scan# 25
Delta R.T. -0.018 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:278 Resp: 500778

Ion	Ratio	Lower	Upper
278	100		
139	11.4	9.1	13.7
279	22.8	18.2	27.4

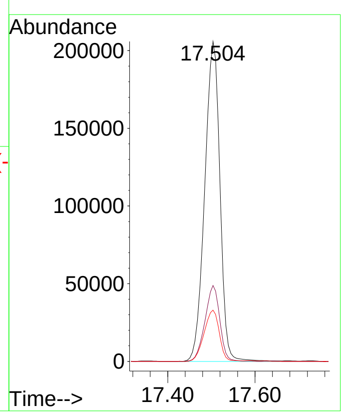




#92
Benzo(g,h,i)perylene
Concen: 41.843 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.018 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:276 Resp: 497680

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	16.1	12.9	19.3



ICAL Form

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Data File : BF144174.D
Acq On : 05 Nov 2025 15:49
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Nov 05 17:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	84549	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	313425	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	170294	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	283828	20.000	ng		0.00
76) Chrysene-d12	14.063	240	194366	20.000	ng		0.00
86) Perylene-d12	15.545	264	264861	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	489170	90.538	ng		0.00
7) Phenol-d6	6.504	99	541465	88.447	ng		0.00
23) Nitrobenzene-d5	7.439	82	502493	92.595	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	192917	90.275	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1002454	86.941	ng		0.00
79) Terphenyl-d14	12.998	244	1012618	82.754	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.605	88	105785	47.358	ng		97
3) Pyridine	3.375	79	291313	46.746	ng		98
4) n-Nitrosodimethylamine	3.334	42	152767	46.930	ng		98
6) Aniline	6.540	93	389058	44.605	ng		99
8) 2-Chlorophenol	6.663	128	243472	45.950	ng		99
9) Benzaldehyde	6.428	77	141949	41.062	ng		97
10) Phenol	6.522	94	330203	44.146	ng		92
11) bis(2-Chloroethyl)ether	6.610	93	244159	44.798	ng		97
12) 1,3-Dichlorobenzene	6.816	146	295294	45.164	ng		98
13) 1,4-Dichlorobenzene	6.892	146	290027	44.277	ng		100
14) 1,2-Dichlorobenzene	7.045	146	280070	44.609	ng		99
15) Benzyl Alcohol	7.016	79	221836	45.762	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	453774	45.212	ng		98
17) 2-Methylphenol	7.128	107	189260	44.899	ng		100
18) Hexachloroethane	7.387	117	98682	45.346	ng		100
19) n-Nitroso-di-n-propyla...	7.287	70	171911	42.657	ng		95
20) 3+4-Methylphenols	7.281	107	217734	43.819	ng		92
22) Acetophenone	7.287	105	297391	44.230	ng		96
24) Nitrobenzene	7.463	77	268336	45.541	ng		98
25) Isophorone	7.698	82	455511	44.376	ng		98
26) 2-Nitrophenol	7.775	139	136351	46.747	ng		97
27) 2,4-Dimethylphenol	7.810	122	204079	46.681	ng		97
28) bis(2-Chloroethoxy)met...	7.904	93	291202	45.429	ng		98
29) 2,4-Dichlorophenol	8.016	162	226748	45.001	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	231992	44.838	ng		99
31) Naphthalene	8.181	128	665821	44.658	ng		99
32) Benzoic acid	7.928	122	129332	40.359	ng		98
33) 4-Chloroaniline	8.228	127	241956	44.496	ng		99
34) Hexachlorobutadiene	8.292	225	181564	46.562	ng		98
35) Caprolactam	8.604	113	58430	42.327	ng	#	88
36) 4-Chloro-3-methylphenol	8.710	107	202891	44.930	ng		96
37) 2-Methylnaphthalene	8.875	142	438395	43.979	ng		99
38) 1-Methylnaphthalene	8.969	142	419784	43.644	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	250210	44.832	ng		98
41) Hexachlorocyclopentadiene	9.022	237	86860	48.007	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	174024	45.813	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144174.D
Acq On : 05 Nov 2025 15:49
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Nov 05 17:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186449	45.542 ng	100
46) 1,1'-Biphenyl	9.339	154	527437	44.371 ng	99
47) 2-Chloronaphthalene	9.363	162	454778	44.851 ng	99
48) 2-Nitroaniline	9.457	65	138845	47.458 ng	97
49) Acenaphthylene	9.775	152	613066	44.368 ng	99
50) Dimethylphthalate	9.633	163	497451	44.094 ng	100
51) 2,6-Dinitrotoluene	9.698	165	107091	46.892 ng	99
52) Acenaphthene	9.951	154	407187	44.067 ng	99
53) 3-Nitroaniline	9.875	138	112371	45.012 ng	99
54) 2,4-Dinitrophenol	9.981	184	56551	41.007 ng	97
55) Dibenzofuran	10.122	168	569268	43.989 ng	99
56) 4-Nitrophenol	10.033	139	78636	43.544 ng	98
57) 2,4-Dinitrotoluene	10.104	165	139501	45.629 ng	98
58) Fluorene	10.469	166	424429	43.136 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	134554	46.453 ng	98
60) Diethylphthalate	10.333	149	457569	43.997 ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	242650	43.294 ng	96
62) 4-Nitroaniline	10.486	138	108312	45.557 ng	97
63) Azobenzene	10.616	77	423631	43.768 ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	85232	44.204 ng	98
66) n-Nitrosodiphenylamine	10.575	169	409670	44.877 ng	99
67) 4-Bromophenyl-phenylether	10.951	248	161600	44.606 ng	99
68) Hexachlorobenzene	11.016	284	193574	45.364 ng	97
69) Atrazine	11.104	200	127465	43.906 ng	99
70) Pentachlorophenol	11.210	266	96941	45.622 ng	97
71) Phenanthrene	11.433	178	633088	44.800 ng	100
72) Anthracene	11.486	178	636448	44.292 ng	99
73) Carbazole	11.639	167	540957	44.273 ng	100
74) Di-n-butylphthalate	11.969	149	650810	44.060 ng	100
75) Fluoranthene	12.627	202	645856	44.244 ng	99
77) Benzidine	12.745	184	248615	43.243 ng	99
78) Pyrene	12.857	202	666673	42.540 ng	100
80) Butylbenzylphthalate	13.469	149	242259	44.602 ng	99
81) Benzo(a)anthracene	14.051	228	626599	46.515 ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	214437	46.440 ng	97
83) Chrysene	14.086	228	565678	45.489 ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	342489	46.061 ng	99
85) Di-n-octyl phthalate	14.645	149	616644	48.068 ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	867786	45.642 ng	99
88) Benzo(b)fluoranthene	15.110	252	663728	44.079 ng	99
89) Benzo(k)fluoranthene	15.139	252	661746	46.952 ng	98
90) Benzo(a)pyrene	15.480	252	637370	45.882 ng	99
91) Dibenzo(a,h)anthracene	17.068	278	688620	45.098 ng	98
92) Benzo(g,h,i)perylene	17.509	276	680830	45.152 ng	99

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

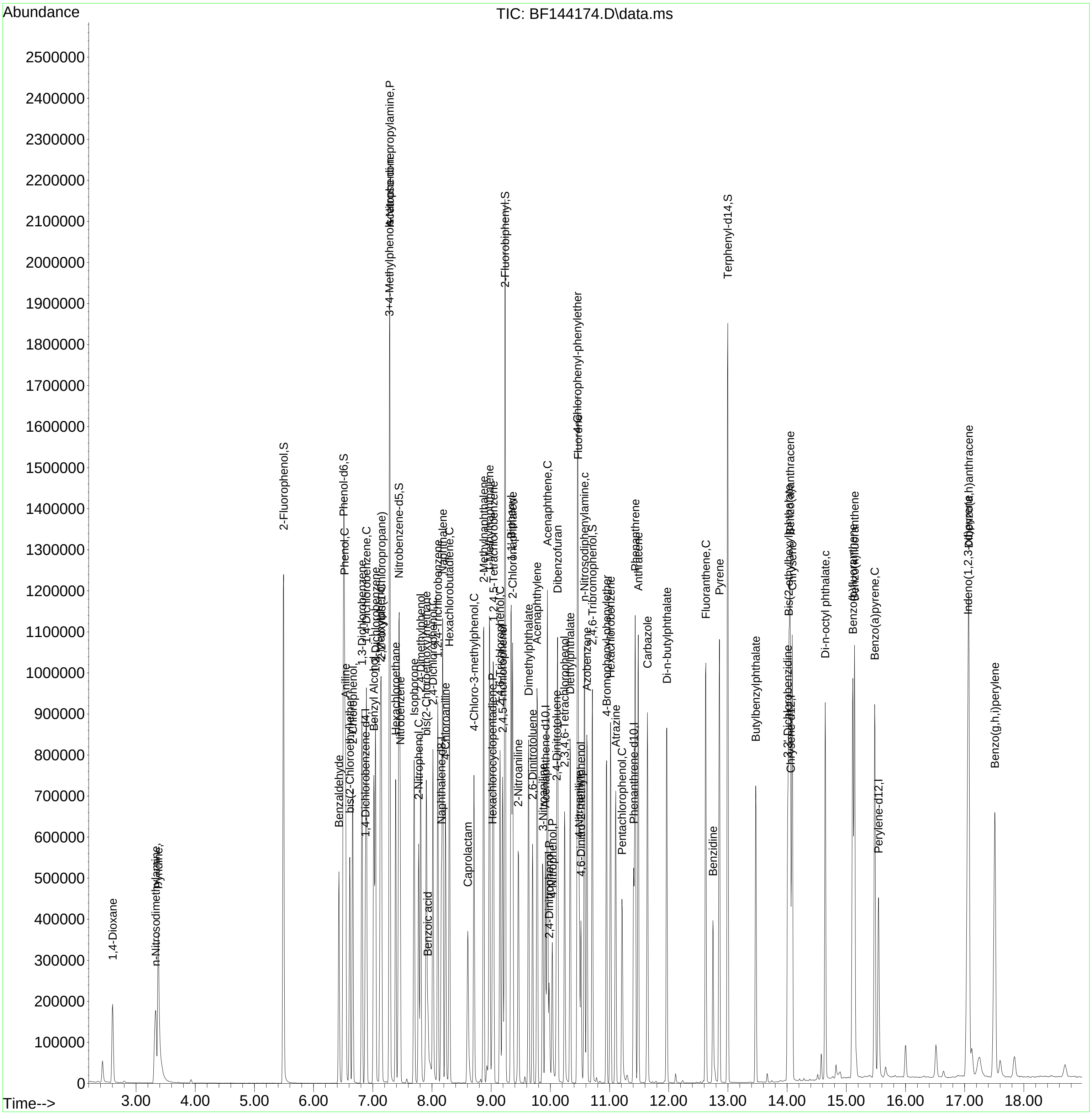
Quantitation Report (QT Reviewed)

ICAL Form

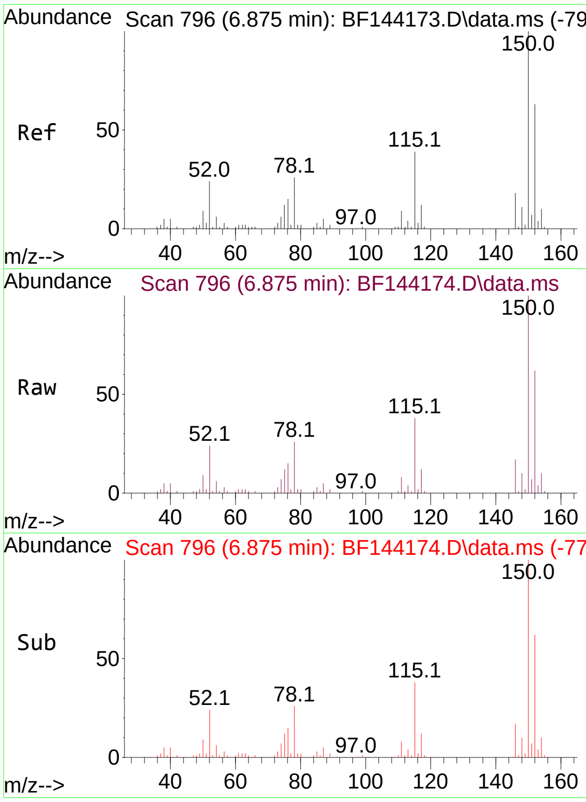
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144174.D
Acq On : 05 Nov 2025 15:49
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Nov 05 17:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

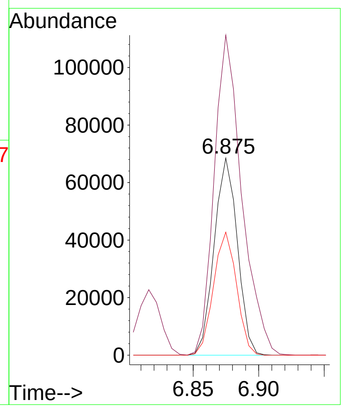


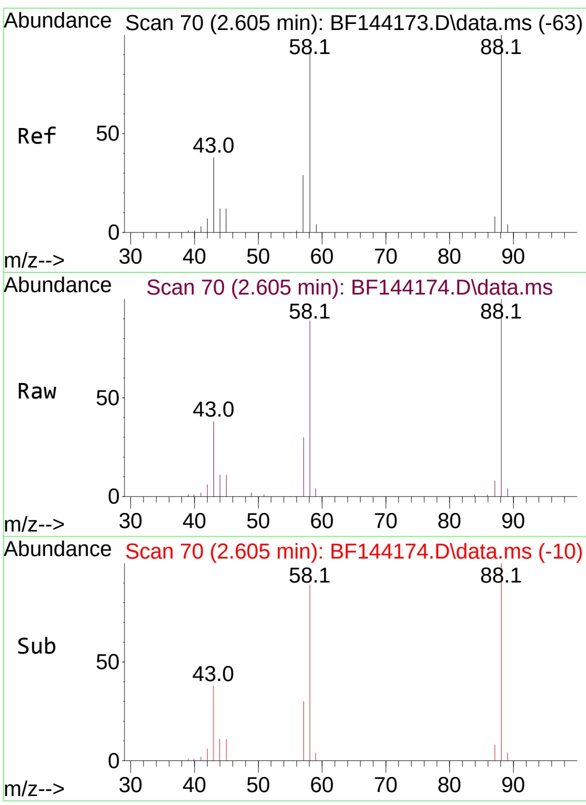
Instrument : BNA_F
ClientSampleId : SSTDICC050




```
#1
1,4-Dichlorobenzene-d4
Concen:   20.000 ng
RT:   6.875 min  Scan# 79
Delta R.T.  -0.000 min
Lab File:   BF144174.D
Acq: 05 Nov 2025  15:49

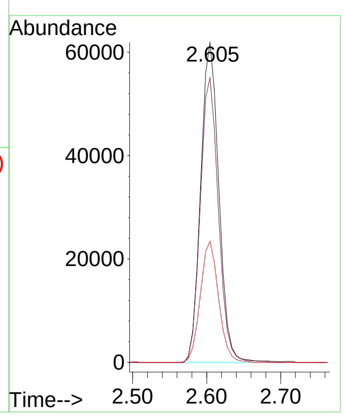
Tgt Ion:152 Resp:   84549
Ion  Ratio  Lower  Upper
152  100
150  162.4  127.4  191.0
115   62.4   49.5   74.3
```



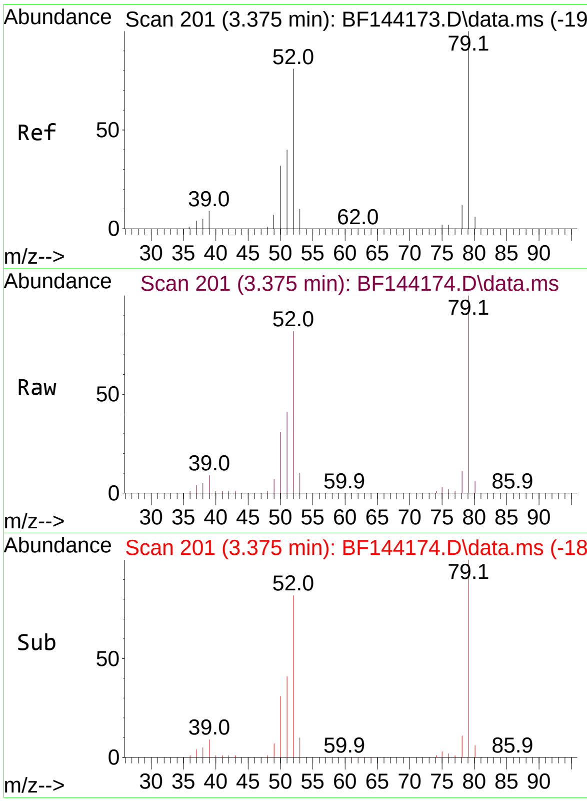



```
#2
1,4-Dioxane
Concen:   47.358 ng
RT:   2.605 min  Scan# 70
Delta R.T.  0.000 min
Lab File:   BF144174.D
Acq: 05 Nov 2025  15:49

Tgt Ion: 88 Resp:  105785
Ion  Ratio  Lower  Upper
 88  100
 58   88.5   73.1  109.7
 43   38.0   31.0   46.6
```



ICAL Form



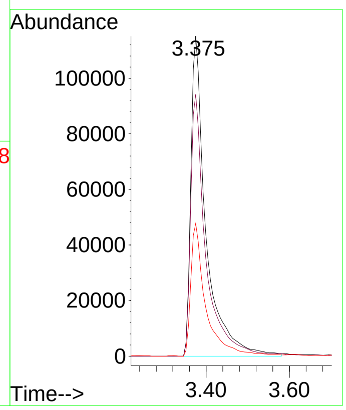
#3
Pyridine
Concen: 46.746 ng
RT: 3.375 min Scan# 20

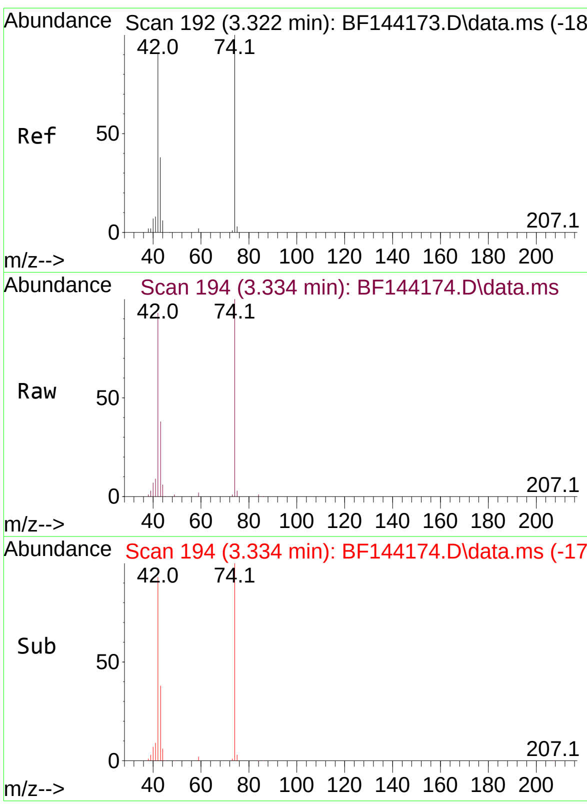
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 79 Resp: 291313

Ion	Ratio	Lower	Upper
79	100		
52	81.8	64.5	96.7
51	41.4	31.7	47.5

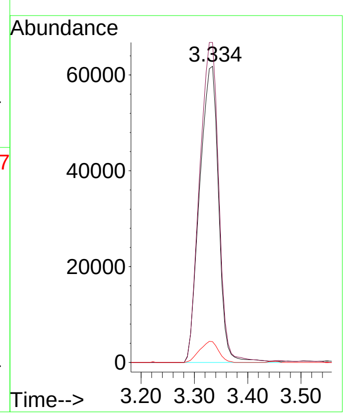




#4
n-Nitrosodimethylamine
Concen: 46.930 ng
RT: 3.334 min Scan# 194
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

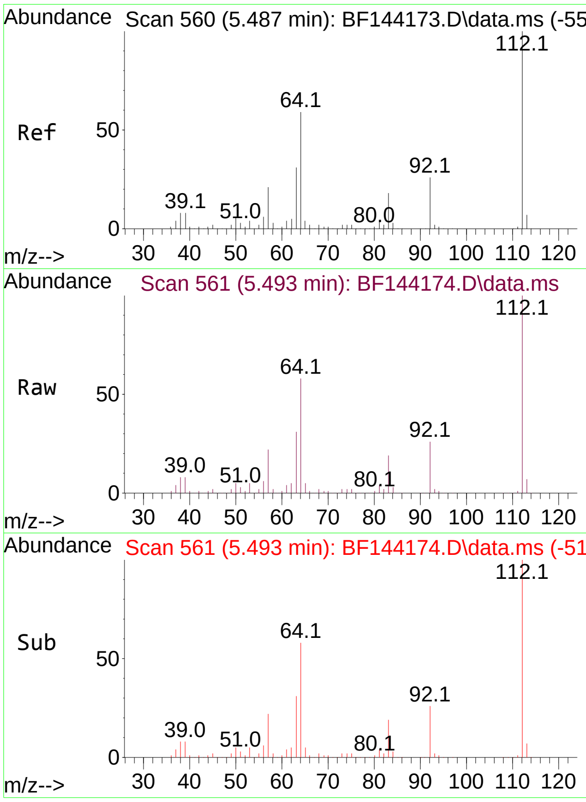
Tgt Ion: 42 Resp: 152767

Ion	Ratio	Lower	Upper
42	100		
74	108.1	88.2	132.4
44	7.0	5.7	8.5



ICAL Form

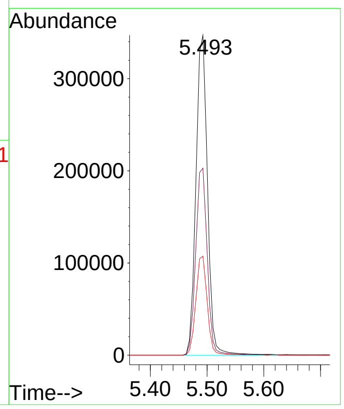
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

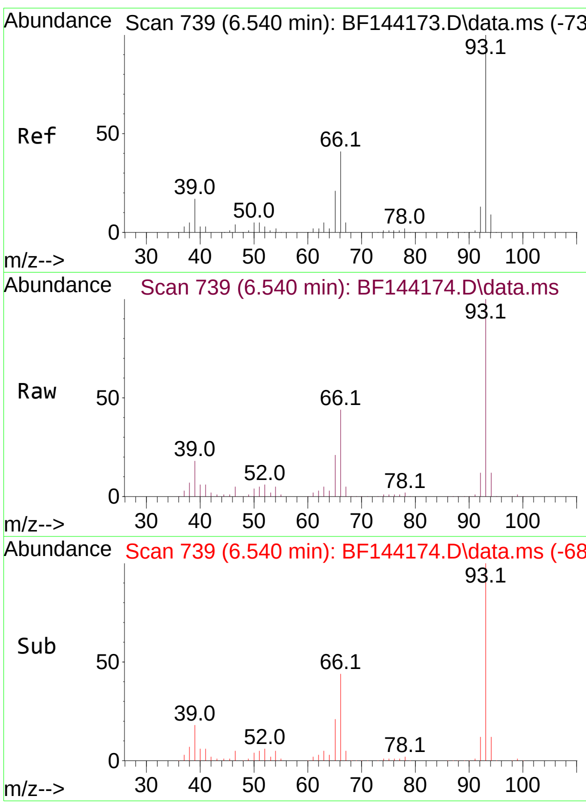


#5
2-Fluorophenol
Concen: 90.538 ng
RT: 5.493 min   Scan# 56
Delta R.T.   0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025   15:49

Tgt Ion:112 Resp: 489170

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.2	70.8
63	30.9	24.4	36.6

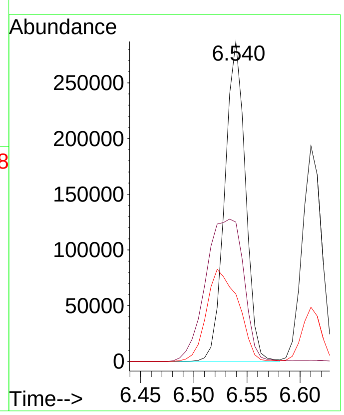


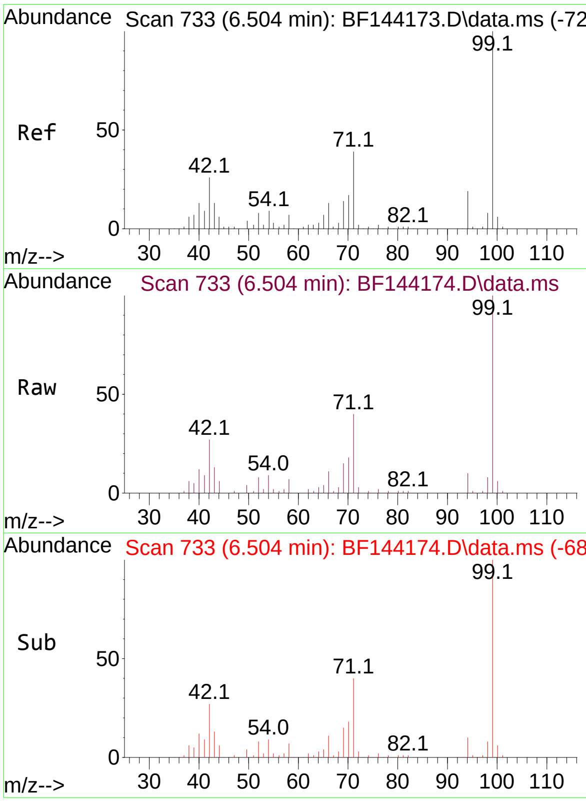


#6
Aniline
Concen: 44.605 ng
RT: 6.540 min   Scan# 739
Delta R.T.   -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025   15:49

Tgt Ion: 93 Resp: 389058

Ion	Ratio	Lower	Upper
93	100		
66	43.5	34.3	51.5
65	21.0	16.9	25.3





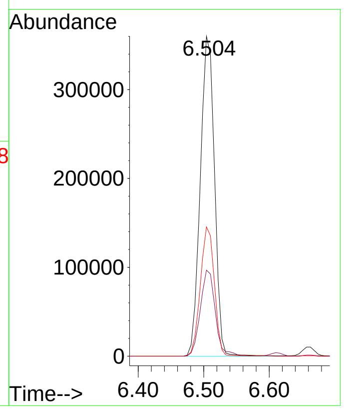
#7
Phenol-d6
Concen: 88.447 ng
RT: 6.504 min Scan# 7

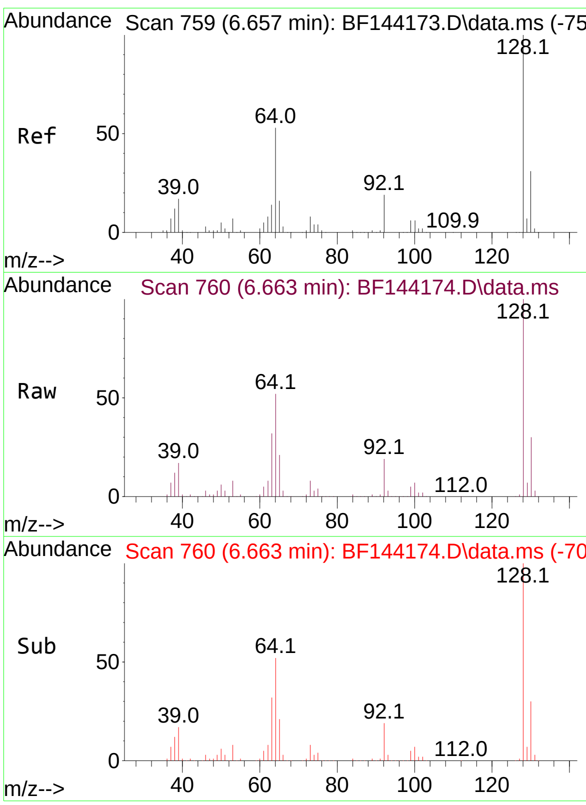
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 99 Resp: 541465

Ion	Ratio	Lower	Upper
99	100		
42	26.9	20.9	31.3
71	40.4	31.4	47.2

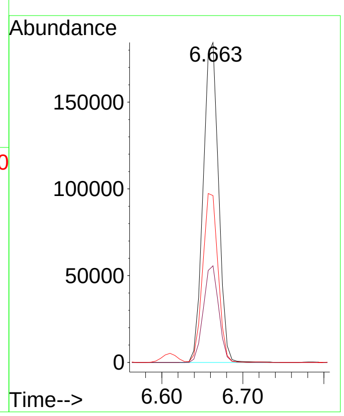




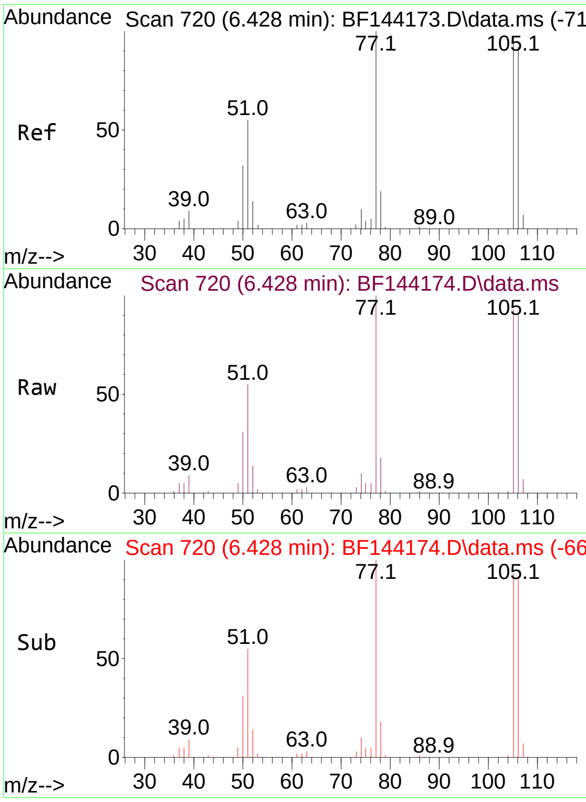
#8
2-Chlorophenol
Concen: 45.950 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:128 Resp: 243472

Ion	Ratio	Lower	Upper
128	100		
130	30.2	10.5	50.5
64	52.1	33.2	73.2



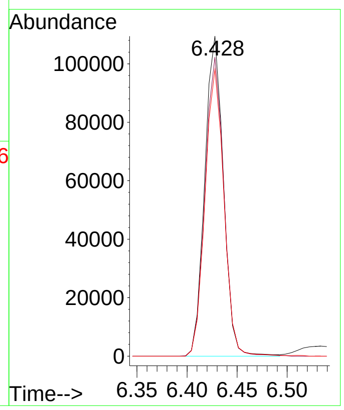
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

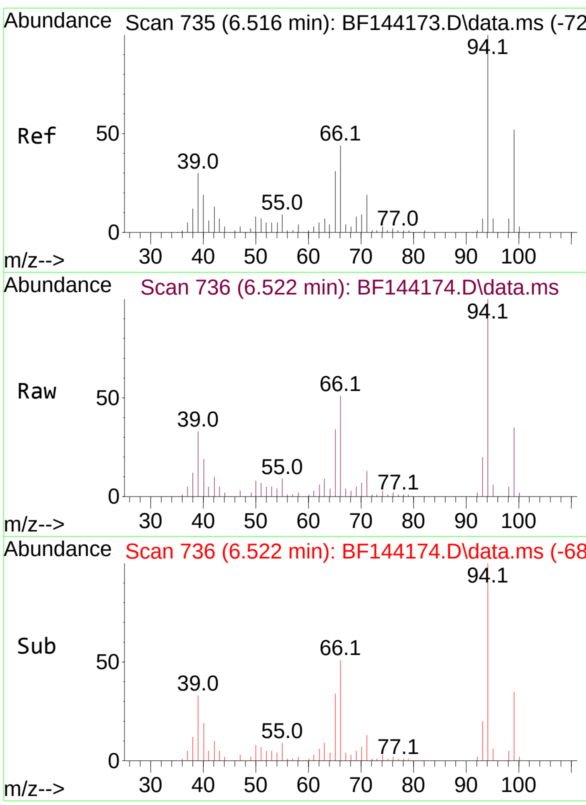


#9
Benzaldehyde
Concen: 41.062 ng
RT: 6.428 min   Scan# 7
Delta R.T.   0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025   15:49

Tgt Ion: 77 Resp: 141949

Ion	Ratio	Lower	Upper
77	100		
105	93.4	77.2	117.2
106	89.6	72.2	112.2

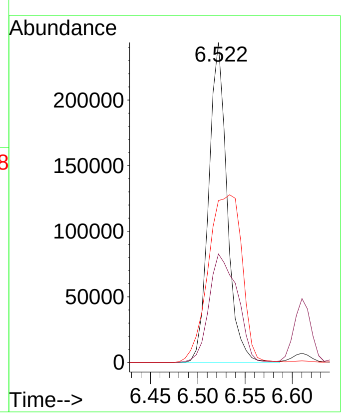




#10
Phenol
Concen: 44.146 ng
RT: 6.522 min   Scan# 736
Delta R.T.   -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025   15:49

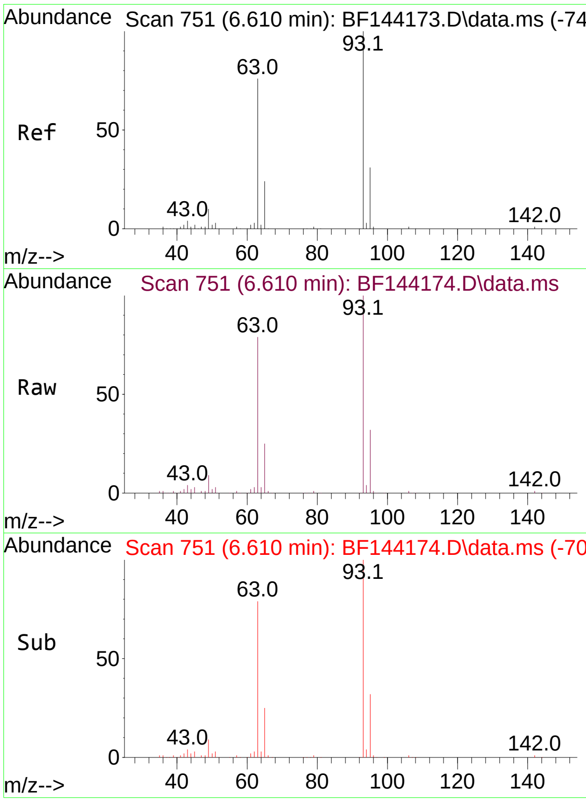
Tgt Ion: 94 Resp: 330203

Ion	Ratio	Lower	Upper
94	100		
65	33.9	10.8	50.8
66	50.6	24.3	64.3



ICAL Form

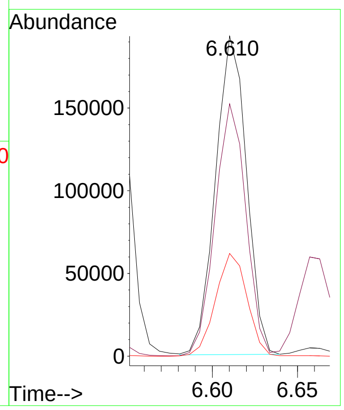
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

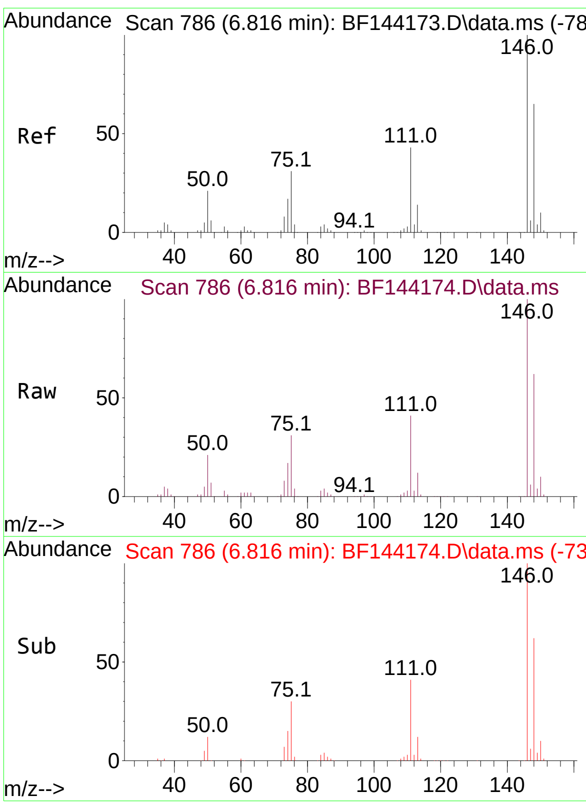


#11
bis(2-Chloroethyl)ether
Concen: 44.798 ng
RT: 6.610 min Scan# 75
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 93 Resp: 244159

Ion	Ratio	Lower	Upper
93	100		
63	78.8	55.2	95.2
95	32.1	11.2	51.2

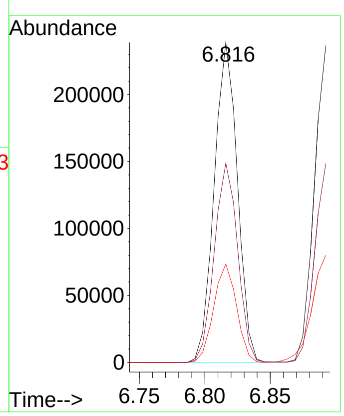




#12
1,3-Dichlorobenzene
Concen: 45.164 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

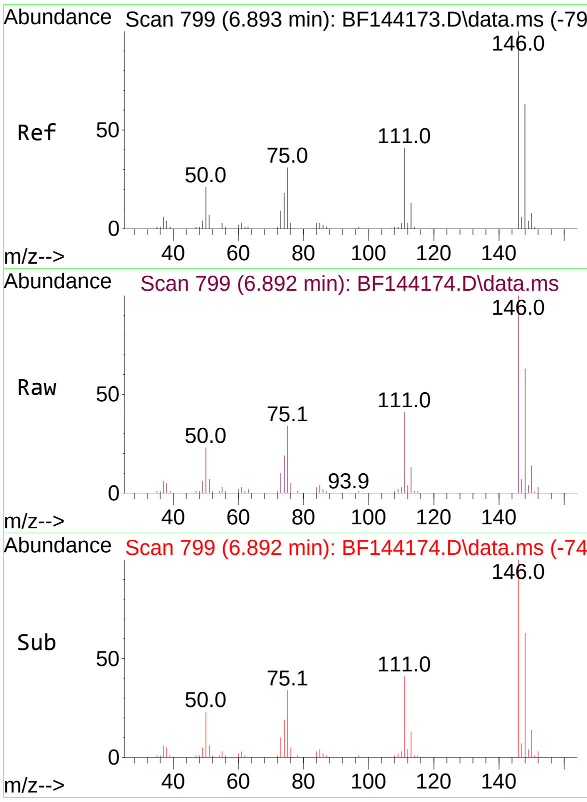
Tgt Ion:146 Resp: 295294

Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.8	77.8
75	30.7	25.0	37.4



ICAL Form

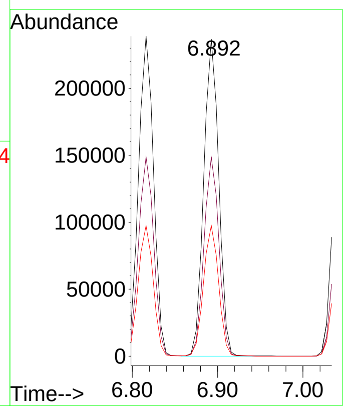
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

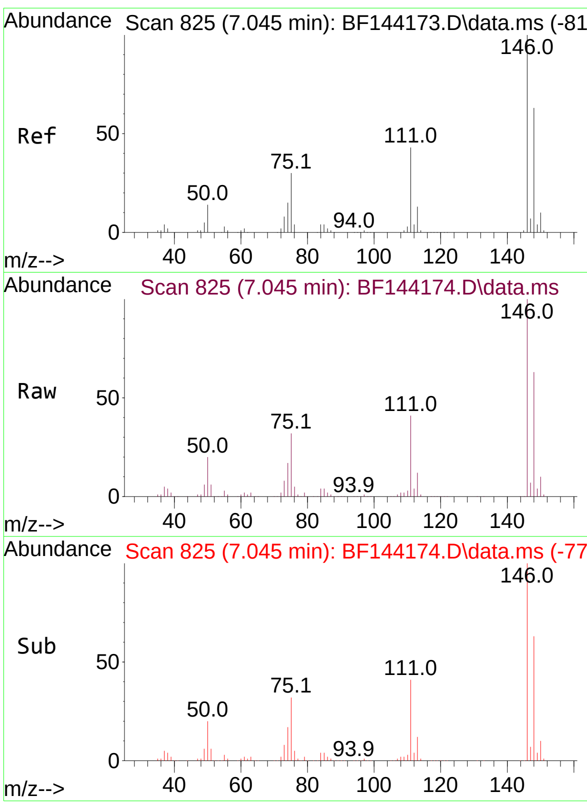


#13
1,4-Dichlorobenzene
Concen: 44.277 ng
RT: 6.892 min   Scan# 79
Delta R.T.   0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025   15:49

Tgt Ion:146 Resp: 290027

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.2	75.2
111	41.2	32.6	48.8

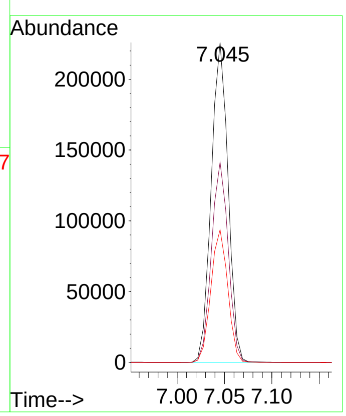




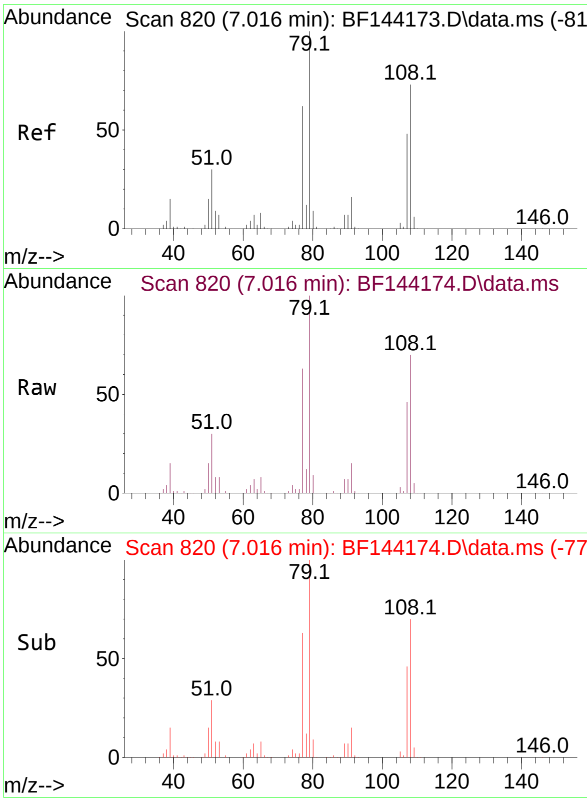
#14
1,2-Dichlorobenzene
Concen: 44.609 ng
RT: 7.045 min   Scan# 825
Delta R.T.   0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025   15:49

Tgt Ion:146 Resp: 280070

Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.7	76.1
111	41.5	34.2	51.4



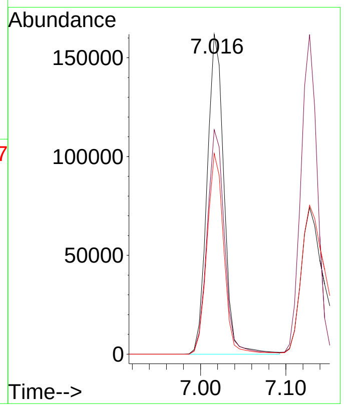
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

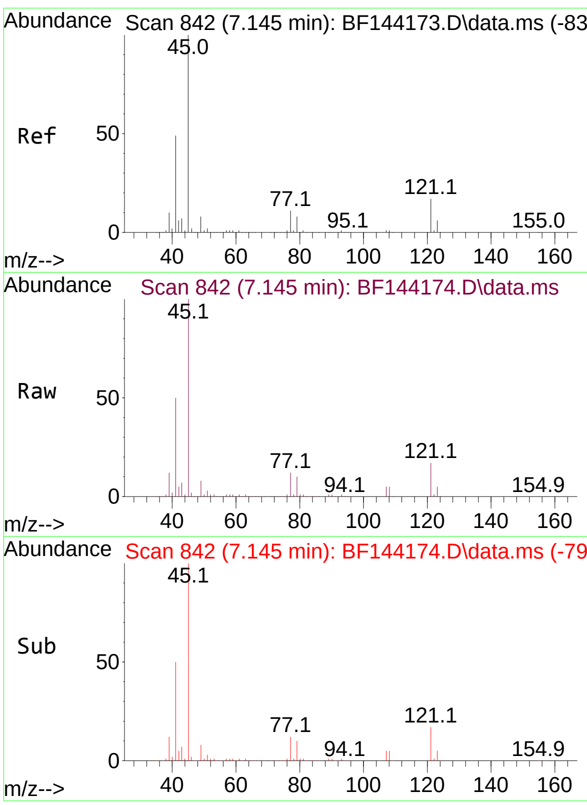


#15
Benzyl Alcohol
Concen: 45.762 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 79 Resp: 221836

Ion	Ratio	Lower	Upper
79	100		
108	70.1	58.2	87.4
77	62.7	49.9	74.9

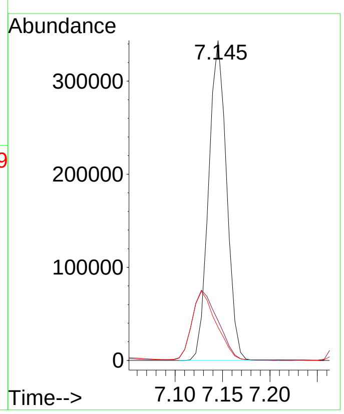




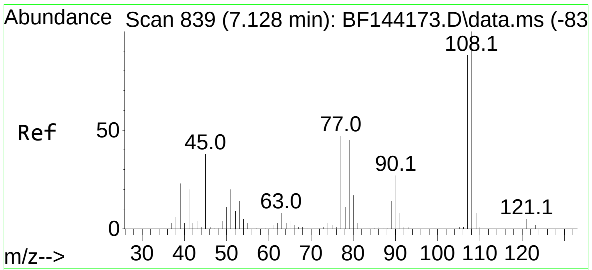
#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.212 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

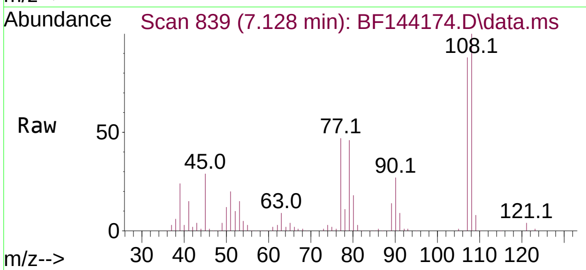
Tgt Ion: 45 Resp: 453774

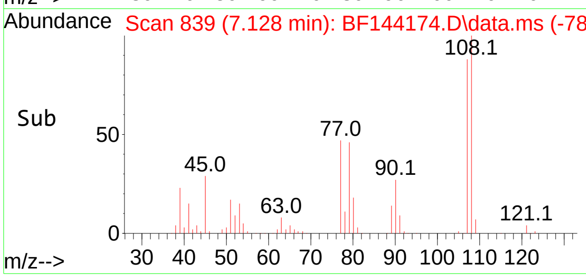
Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	31.8
79	10.3	0.0	29.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050



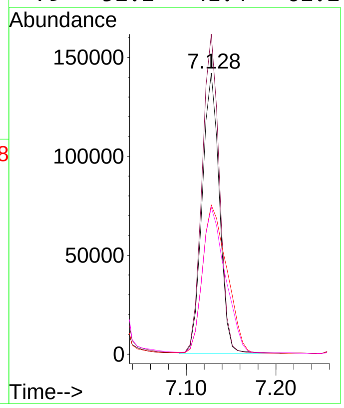


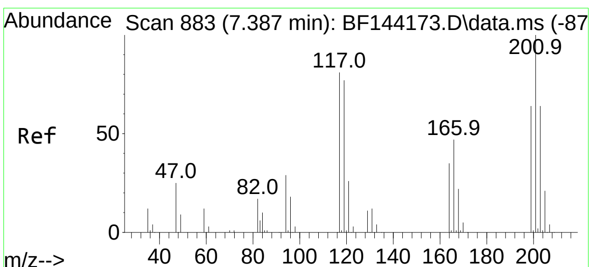


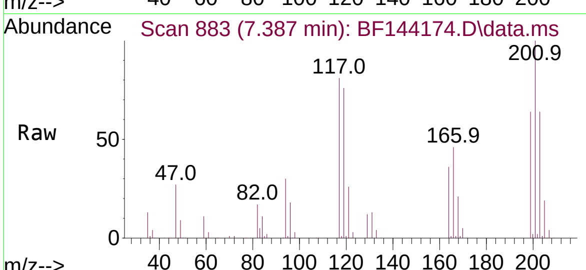
#17
2-Methylphenol
Concen: 44.899 ng
RT: 7.128 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

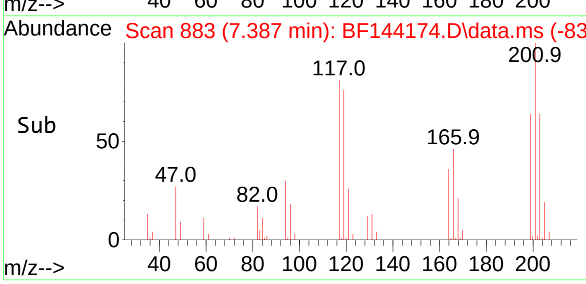
Tgt Ion:107 Resp: 189260

Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.0	136.4
77	53.1	42.7	64.1
79	52.2	41.4	62.2





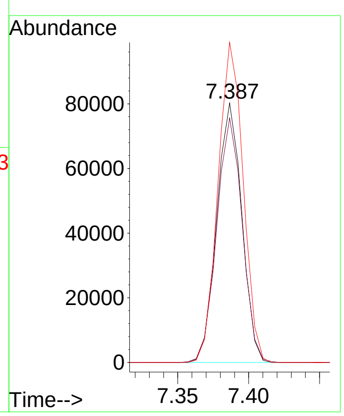




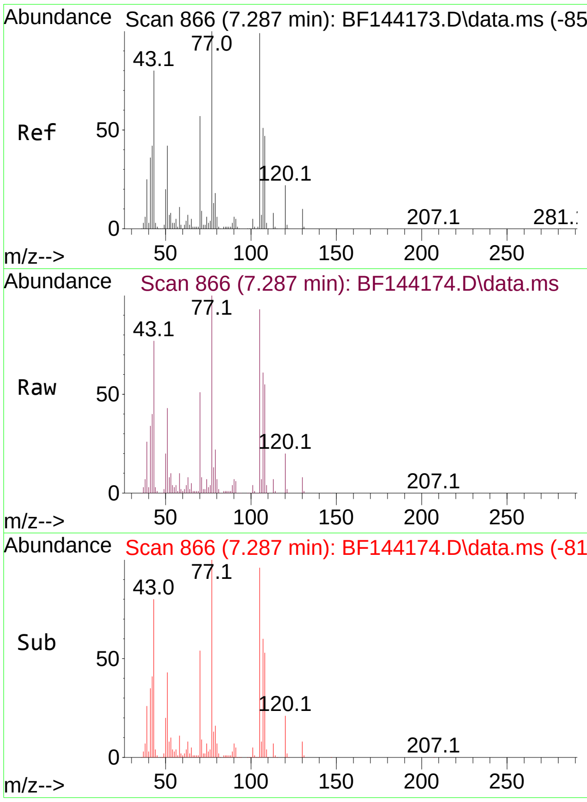
#18
Hexachloroethane
Concen: 45.346 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:117 Resp: 98682

Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.8
201	123.4	98.9	148.3



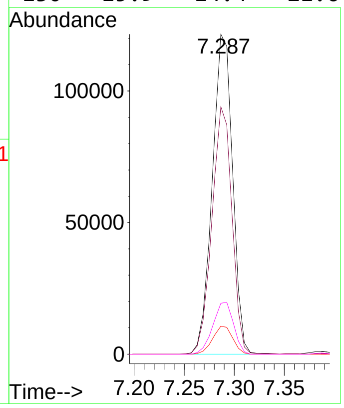
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

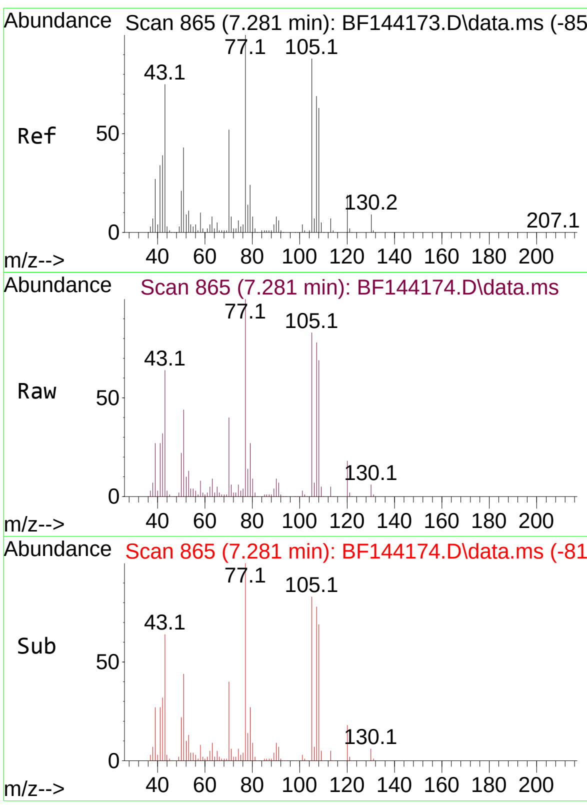


#19
n-Nitroso-di-n-propylamine
Concen: 42.657 ng
RT: 7.287 min Scan# 86
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 70 Resp: 171911

Ion	Ratio	Lower	Upper
70	100		
42	77.3	58.3	87.5
101	8.7	7.0	10.6
130	15.9	14.4	21.6

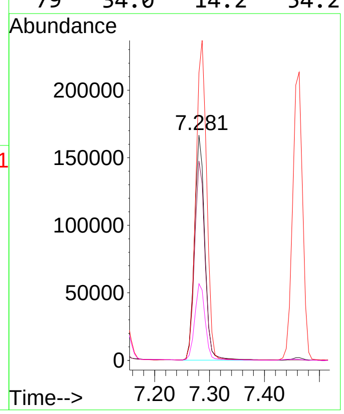




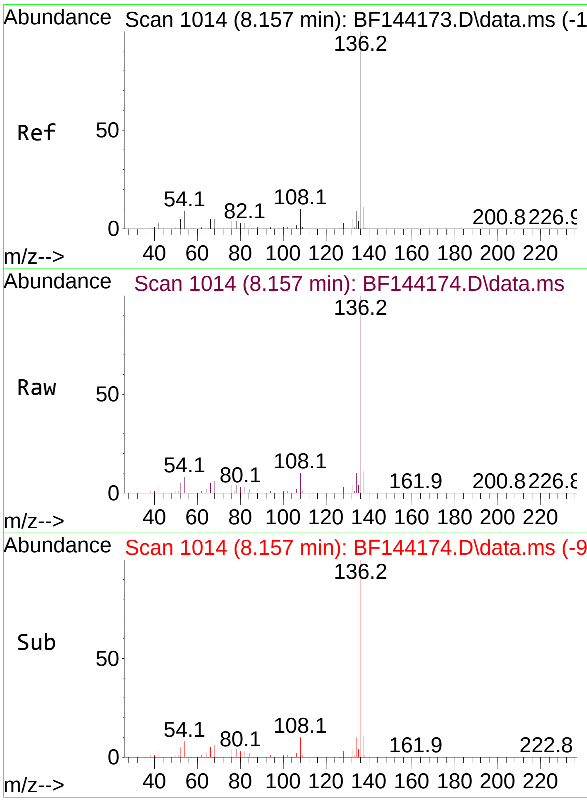
#20
3+4-Methylphenols
Concen: 43.819 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:107 Resp: 217734

Ion	Ratio	Lower	Upper
107	100		
108	88.5	70.2	110.2
77	127.5	123.9	163.9
79	34.0	14.2	54.2



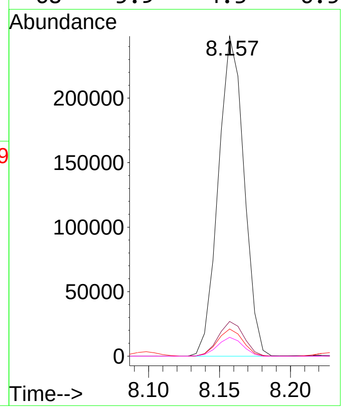
Instrument : BNA_F
ClientSampleId : SSTDICC050

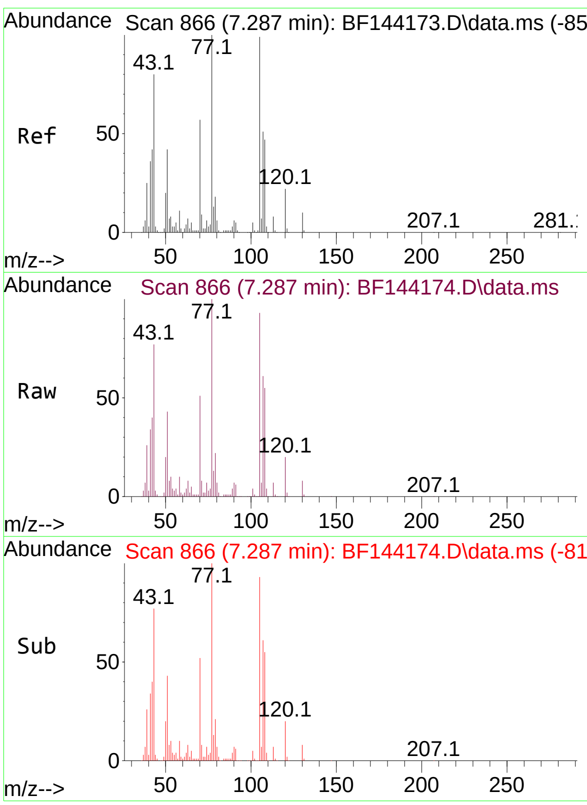


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:136 Resp: 313425

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.5	7.0	10.6
68	5.9	4.3	6.5

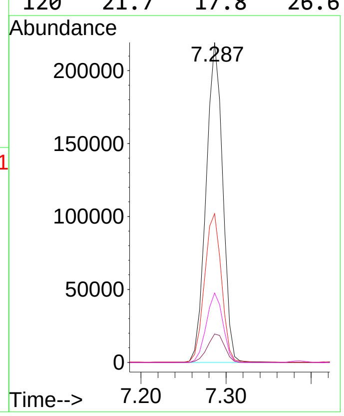


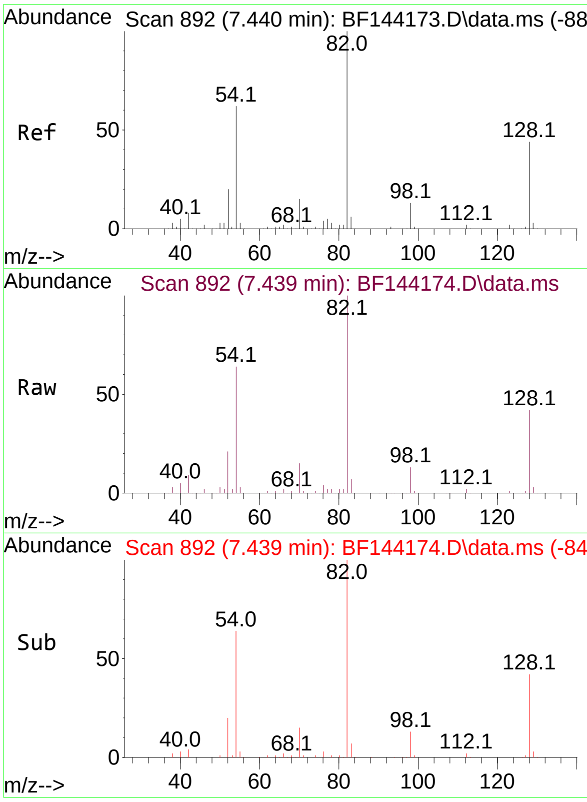


#22
Acetophenone
Concen: 44.230 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:105 Resp: 297391

Ion	Ratio	Lower	Upper
105	100		
71	8.9	7.2	10.8
51	46.5	34.0	51.0
120	21.7	17.8	26.6



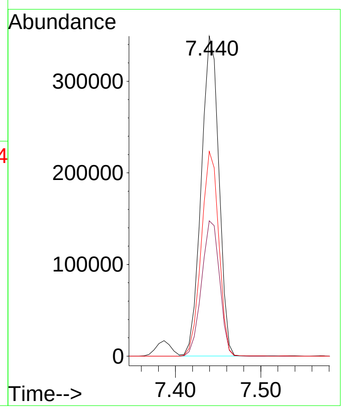


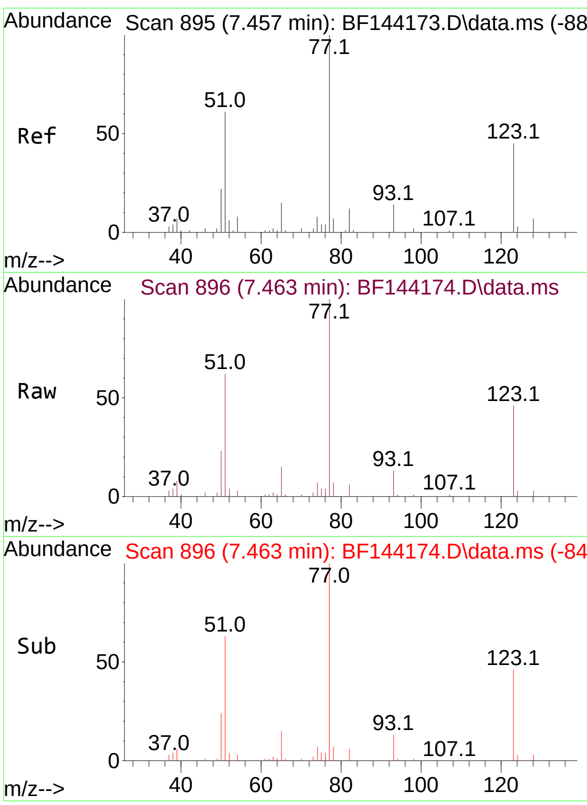
#23
Nitrobenzene-d5
Concen: 92.595 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 502493

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.7	52.1
54	64.0	49.5	74.3

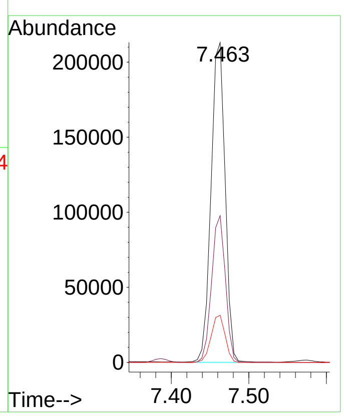




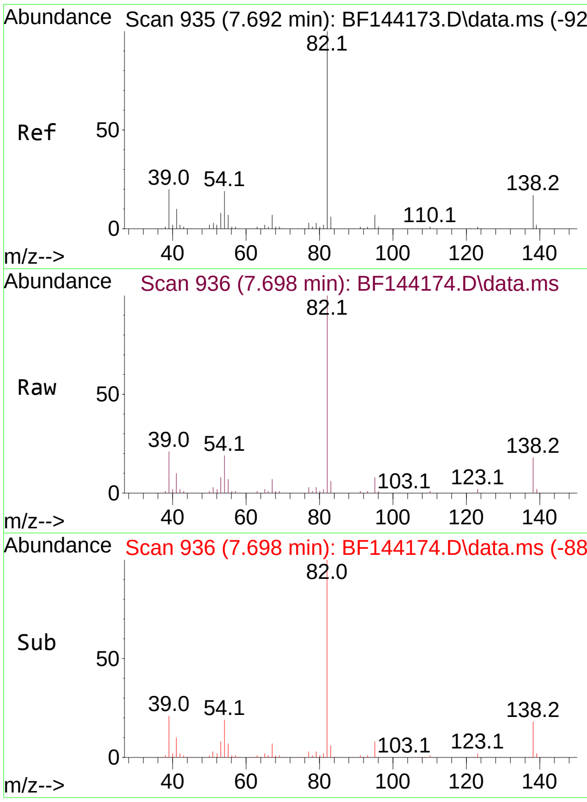
#24
Nitrobenzene
Concen: 45.541 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 77 Resp: 268336

Ion	Ratio	Lower	Upper
77	100		
123	45.9	35.8	53.8
65	14.7	12.2	18.2



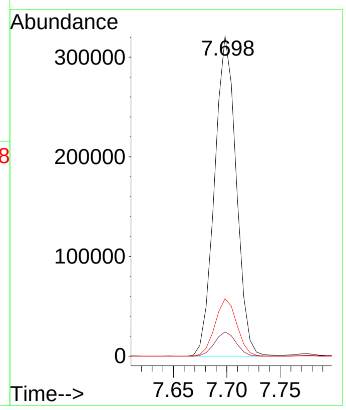
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

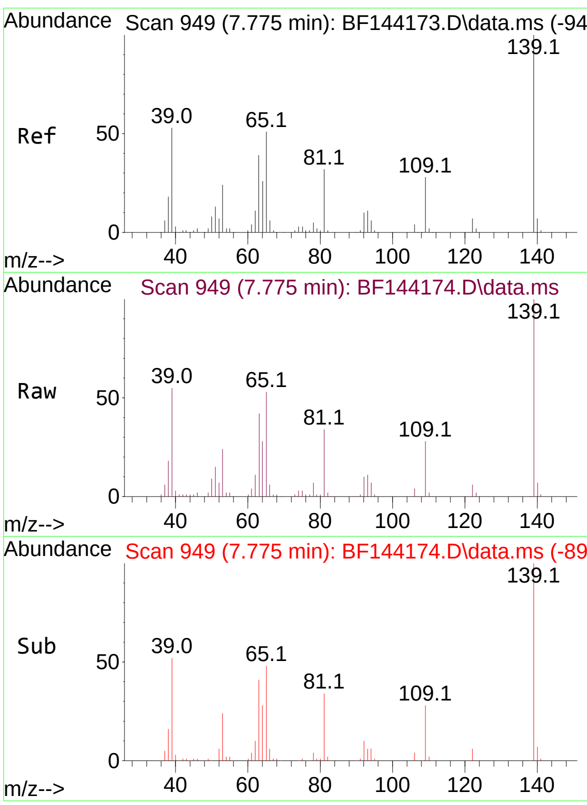


#25
Isophorone
Concen: 44.376 ng
RT: 7.698 min Scan# 93
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 82 Resp: 455511

Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.5	8.3
138	17.9	13.7	20.5

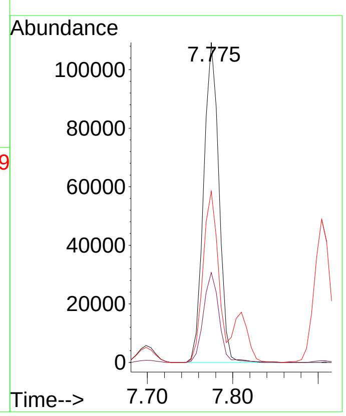




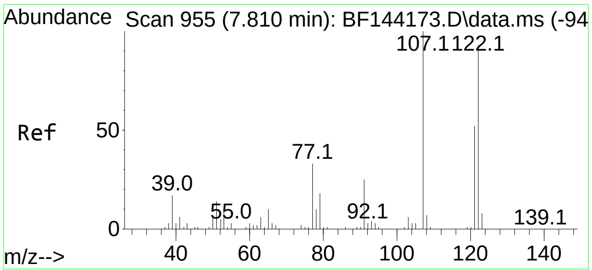
#26
2-Nitrophenol
Concen: 46.747 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

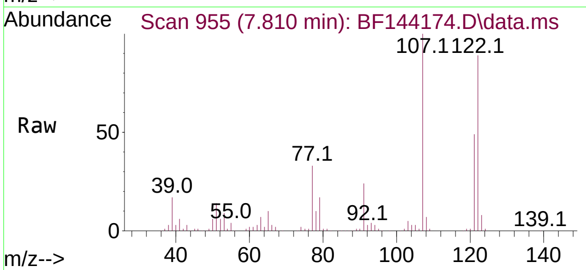
Tgt Ion:139 Resp: 136351

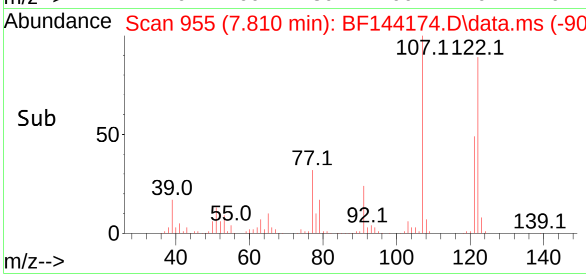
Ion	Ratio	Lower	Upper
139	100		
109	28.1	22.2	33.2
65	53.5	40.7	61.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050



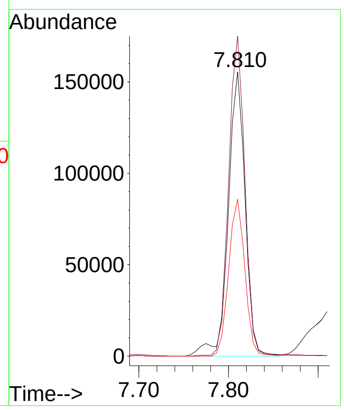


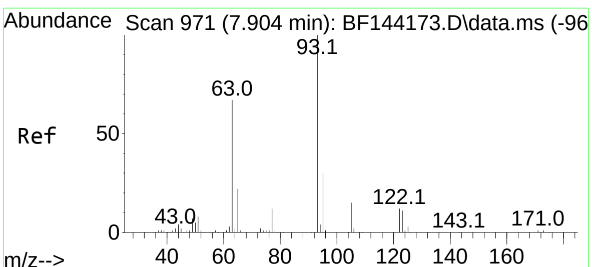


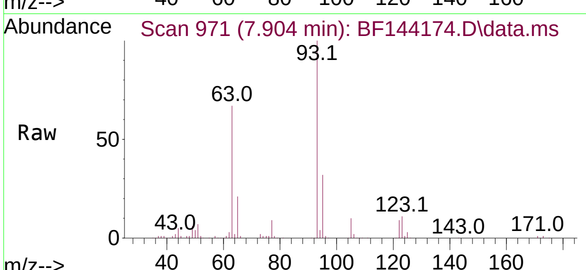
#27
2,4-Dimethylphenol
Concen: 46.681 ng
RT: 7.810 min   Scan# 955
Delta R.T.   -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025   15:49

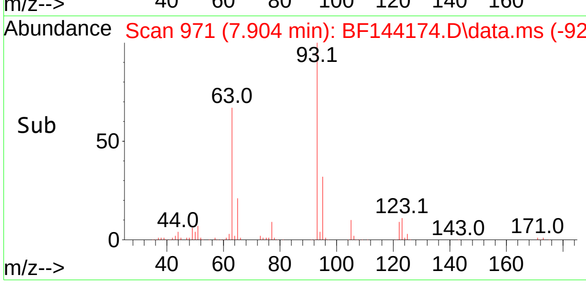
Tgt Ion:122 Resp: 204079

Ion	Ratio	Lower	Upper
122	100		
107	112.6	86.2	129.4
121	55.1	44.6	66.8





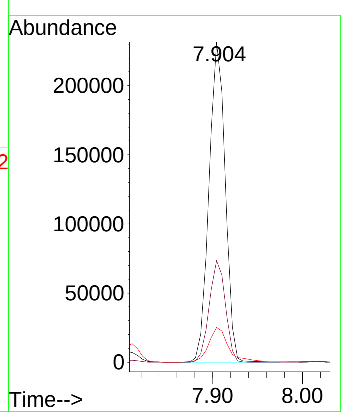




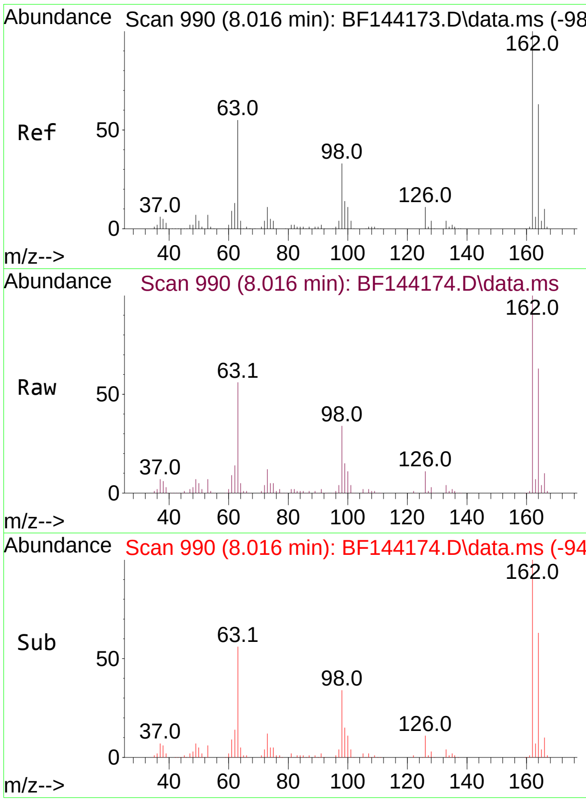
#28
bis(2-Chloroethoxy)methane
Concen: 45.429 ng
RT: 7.904 min   Scan# 971
Delta R.T.   -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025   15:49

Tgt Ion: 93 Resp: 291202

Ion	Ratio	Lower	Upper
93	100		
95	31.7	24.2	36.4
123	10.8	9.0	13.4



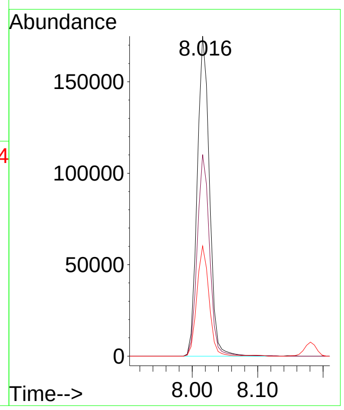
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

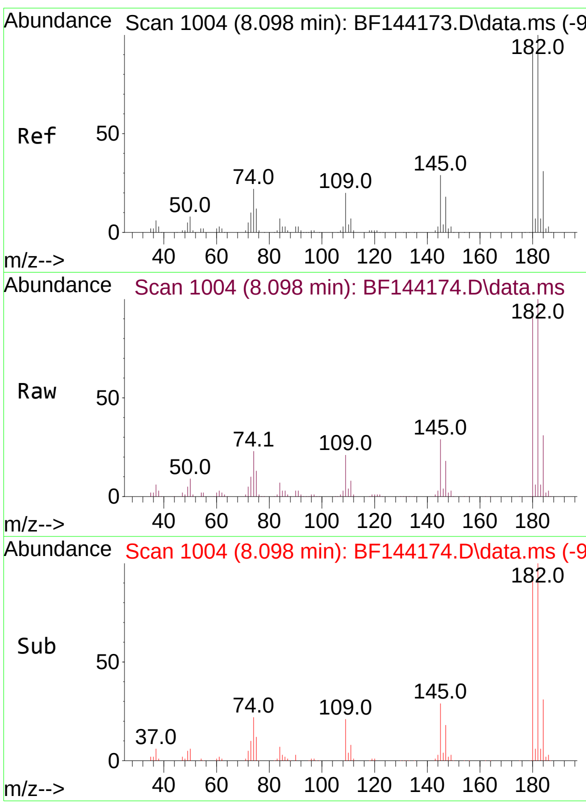


#29
2,4-Dichlorophenol
Concen: 45.001 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:162 Resp: 226748

Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.9	82.9
98	34.4	13.3	53.3

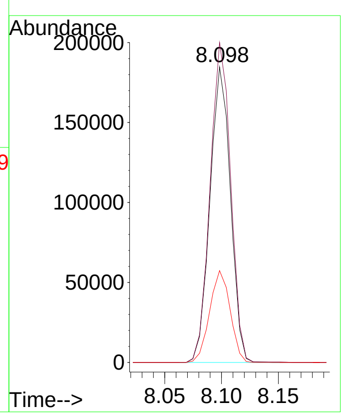




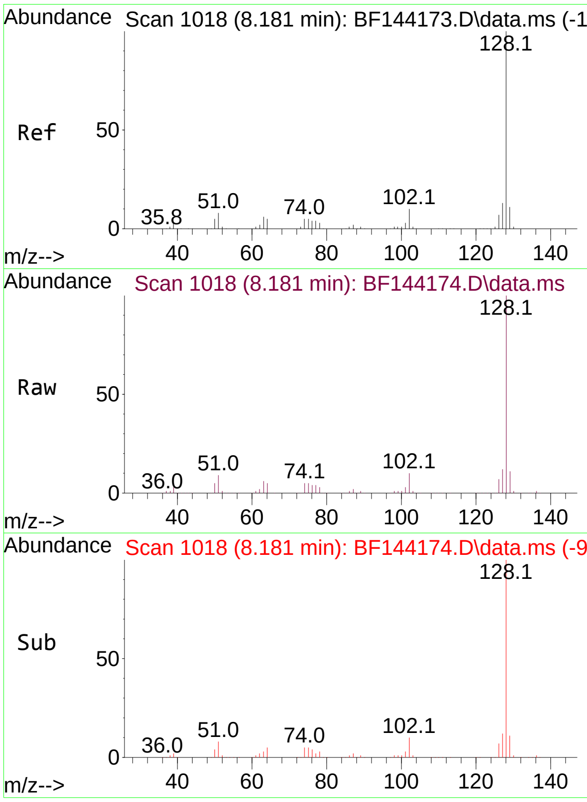
#30
1,2,4-Trichlorobenzene
Concen: 44.838 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:180 Resp: 231992

Ion	Ratio	Lower	Upper
180	100		
182	108.3	87.7	131.5
145	31.1	25.4	38.0



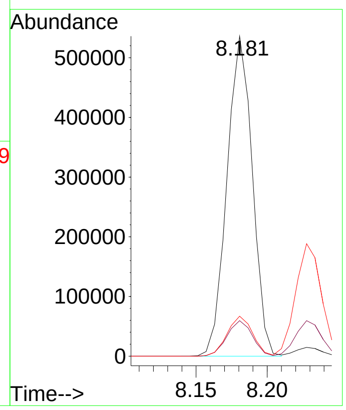
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

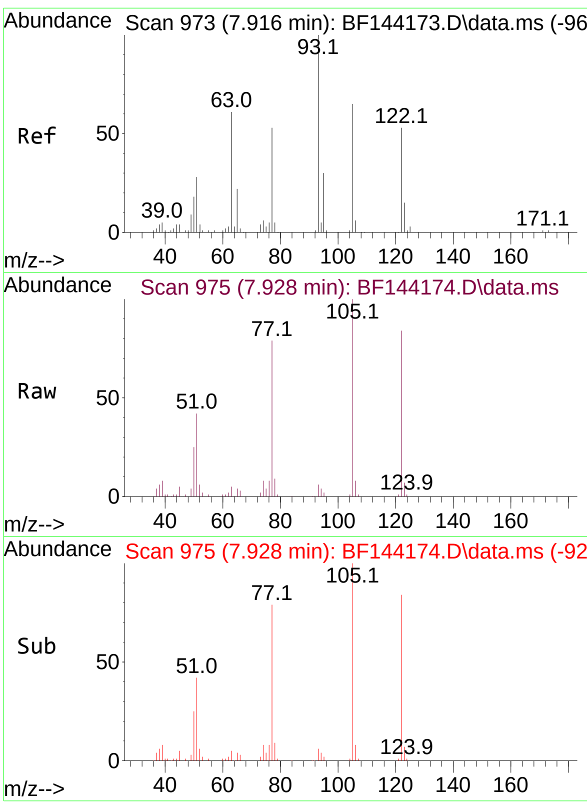


#31
Naphthalene
Concen: 44.658 ng
RT: 8.181 min   Scan# 10
Delta R.T.   -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025   15:49

Tgt Ion:128 Resp: 665821

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.5	10.3	15.5

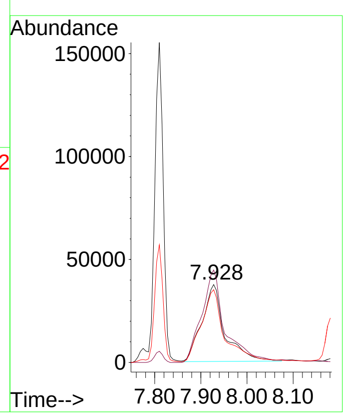




#32
Benzoic acid
Concen: 40.359 ng
RT: 7.928 min   Scan# 975
Delta R.T.   -0.023 min
Lab File: BF144174.D
Acq: 05 Nov 2025   15:49

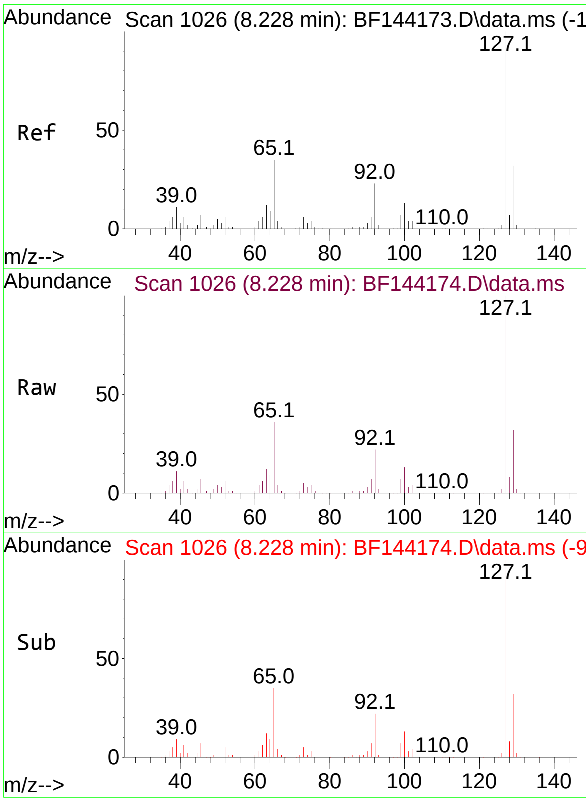
Tgt Ion:122 Resp: 129332

Ion	Ratio	Lower	Upper
122	100		
105	118.8	99.9	139.9
77	93.6	77.5	117.5



ICAL Form

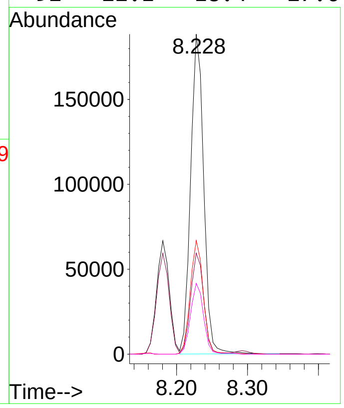
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

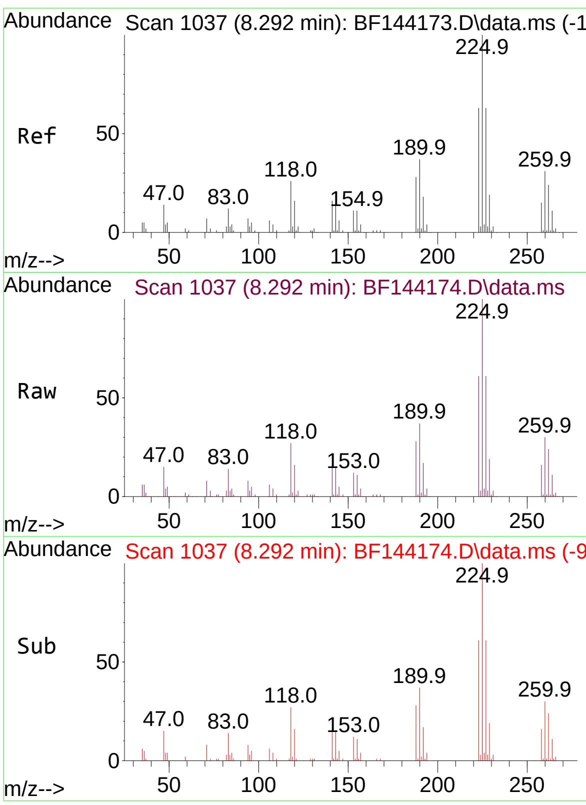


#33
4-Chloroaniline
Concen: 44.496 ng
RT: 8.228 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:127 Resp: 241956

Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.3	37.9
65	35.5	27.6	41.4
92	22.1	18.4	27.6

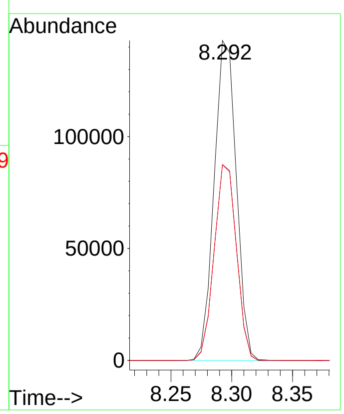




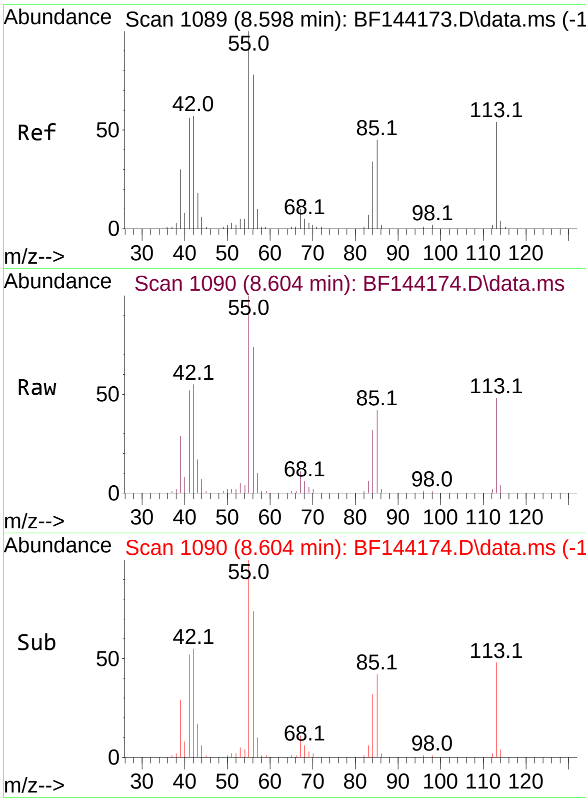
#34
Hexachlorobutadiene
Concen: 46.562 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:225 Resp: 181564

Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.2	75.4
227	61.2	50.1	75.1



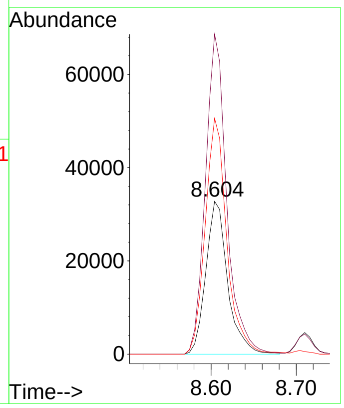
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

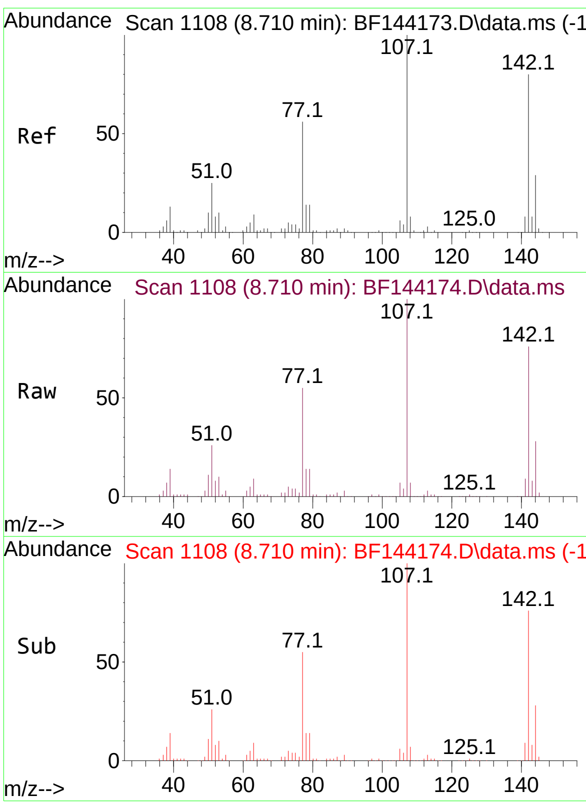


#35
Caprolactam
Concen: 42.327 ng
RT: 8.604 min   Scan# 1(
Delta R.T.   -0.018 min
Lab File: BF144174.D
Acq: 05 Nov 2025   15:49

Tgt Ion:113 Resp: 58430

Ion	Ratio	Lower	Upper
113	100		
55	209.4	166.8	206.8#
56	154.3	125.9	165.9

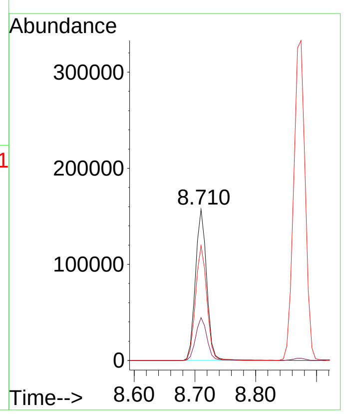


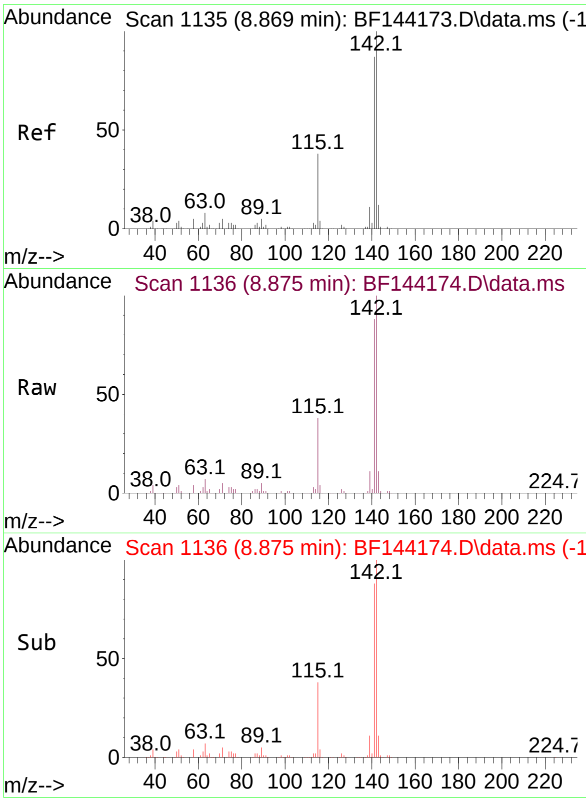


#36
4-Chloro-3-methylphenol
Concen: 44.930 ng
RT: 8.710 min   Scan# 1108
Delta R.T.   -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025   15:49

Tgt Ion:107 Resp: 202891

Ion	Ratio	Lower	Upper
107	100		
144	28.3	23.3	34.9
142	75.9	63.8	95.6





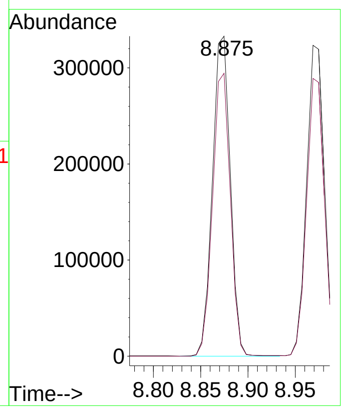
#37
2-Methylnaphthalene
Concen: 43.979 ng
RT: 8.875 min Scan# 11

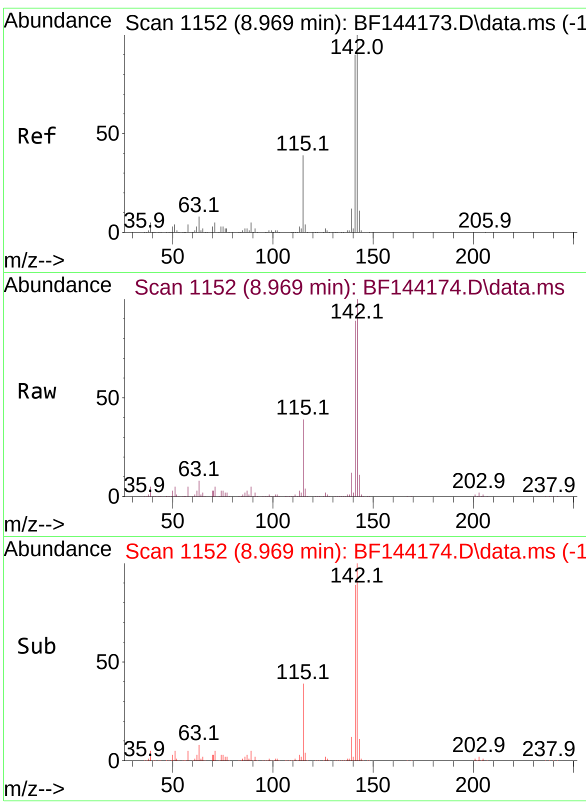
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:142 Resp: 438395

Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.9	104.9

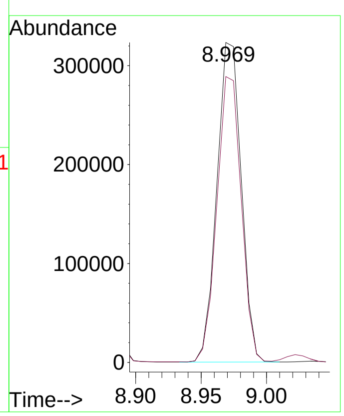




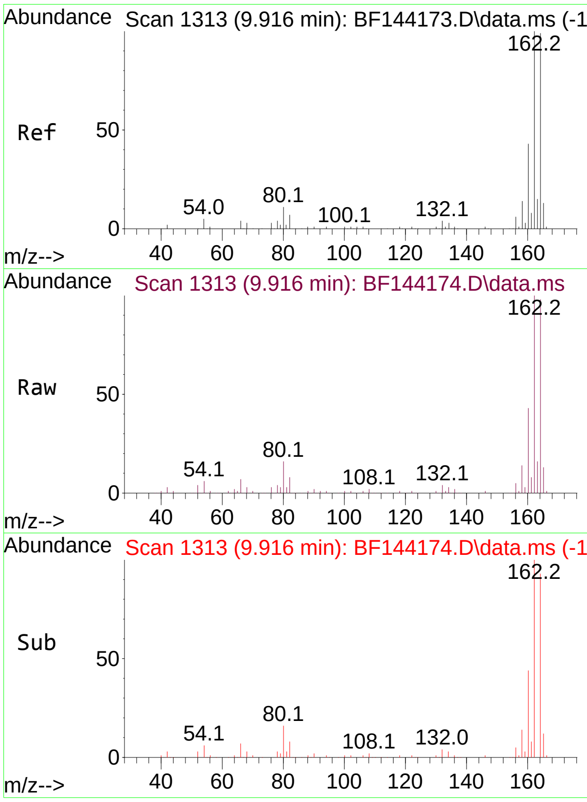
#38
1-Methylnaphthalene
Concen: 43.644 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:142 Resp: 419784

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.1	108.1



ICAL Form



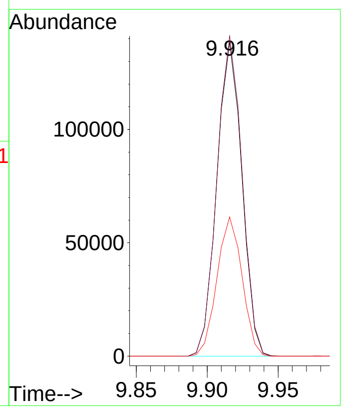
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1

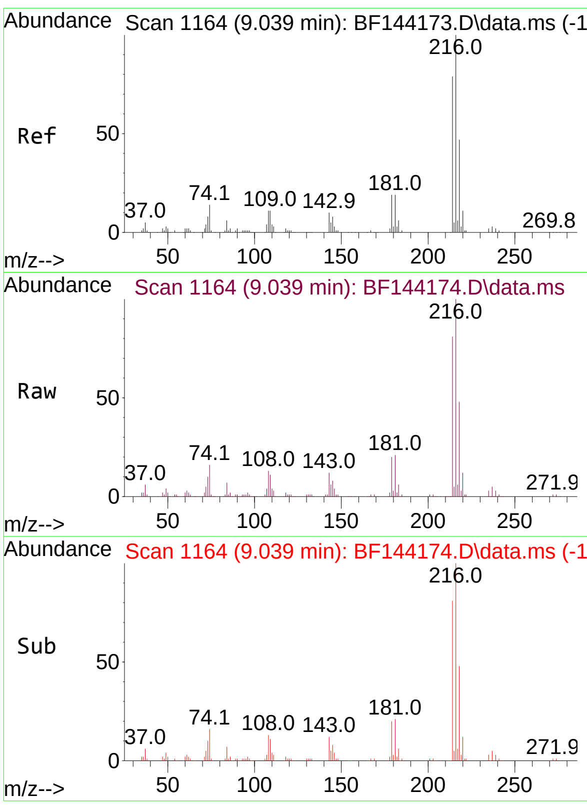
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:164 Resp: 170294

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.1	121.7
160	44.4	34.5	51.7

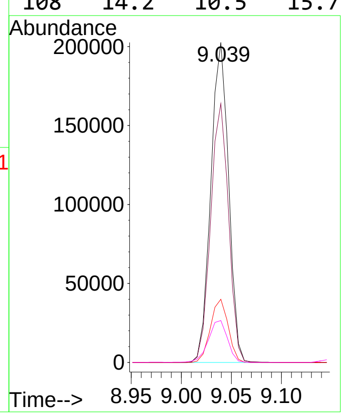




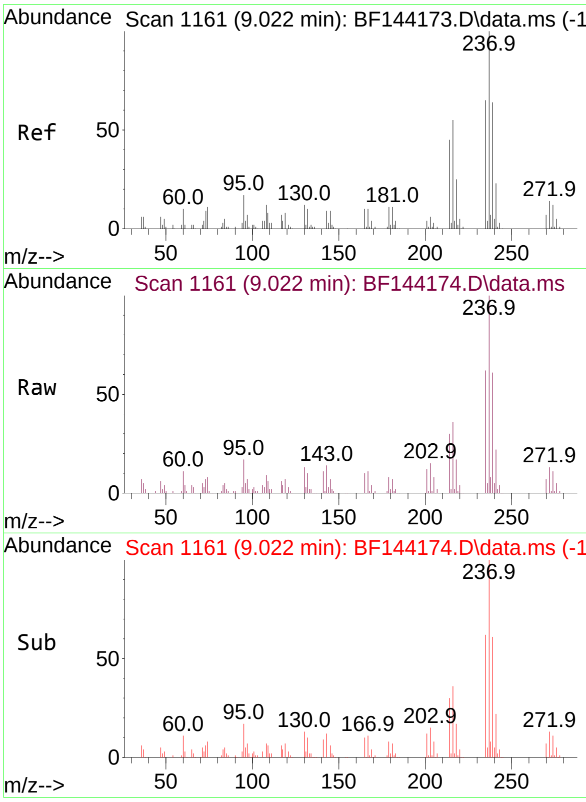
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.832 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:216 Resp: 250210

Ion	Ratio	Lower	Upper
216	100		
214	81.3	63.4	95.2
179	19.6	15.0	22.4
108	14.2	10.5	15.7



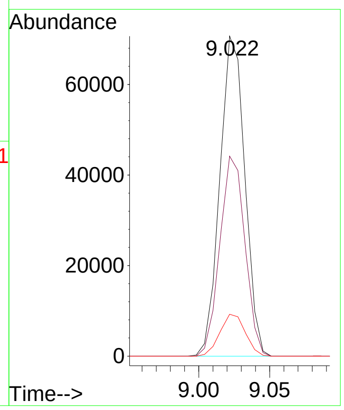
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

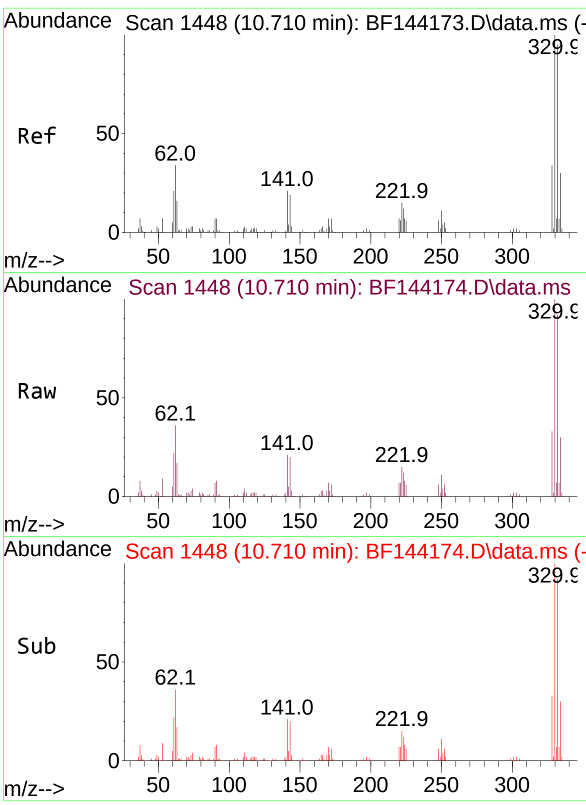


#41
Hexachlorocyclopentadiene
Concen: 48.007 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:237 Resp: 86860

Ion	Ratio	Lower	Upper
237	100		
235	62.5	45.5	85.5
272	13.1	0.0	33.5

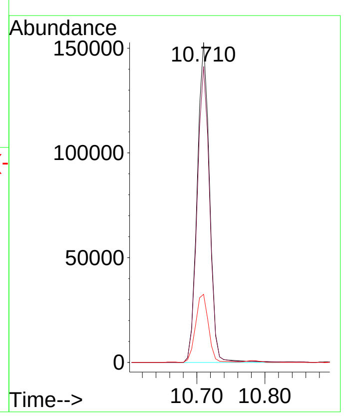




#42
2,4,6-Tribromophenol
Concen: 90.275 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:330 Resp: 192917

Ion	Ratio	Lower	Upper
330	100		
332	93.0	76.7	115.1
141	22.2	17.8	26.8



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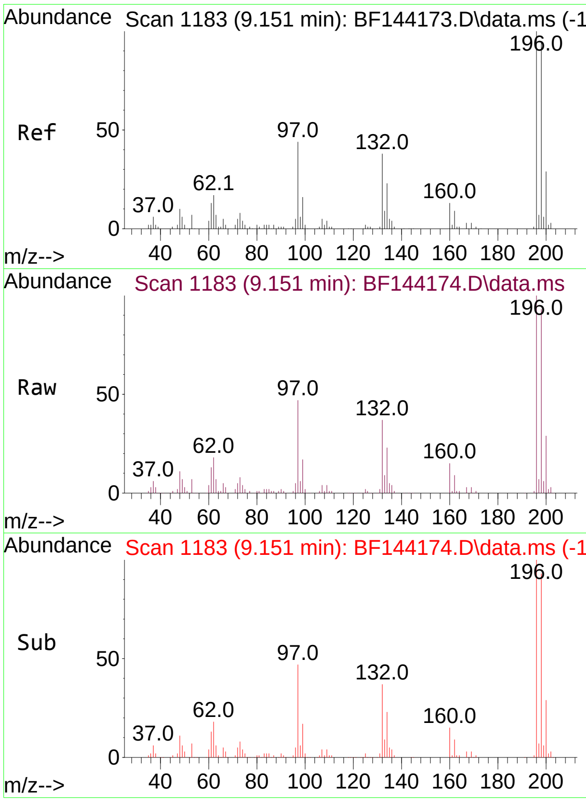
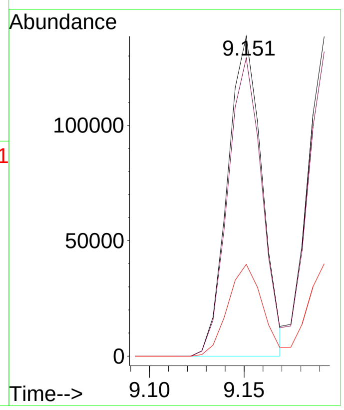
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

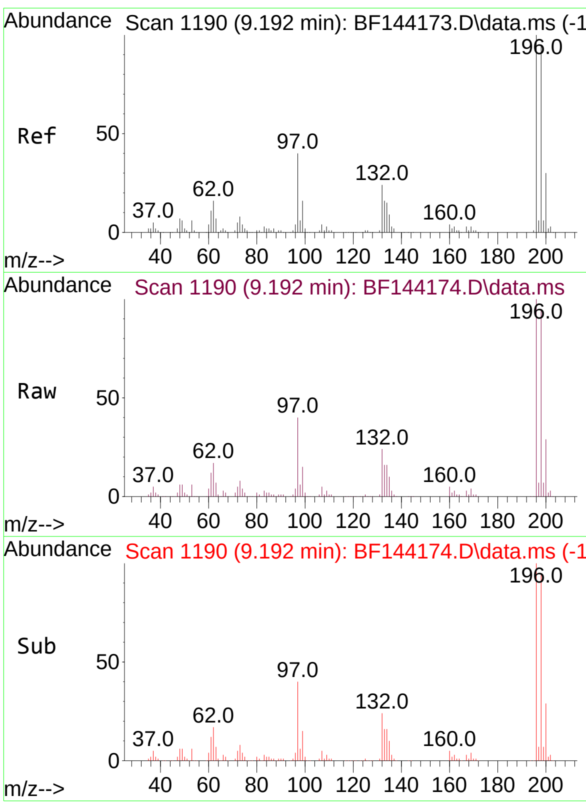


#43
2,4,6-Trichlorophenol
Concen: 45.813 ng
RT: 9.151 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025   15:49

Tgt Ion:196 Resp: 174024

Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.3	112.9
200	28.7	23.4	35.2

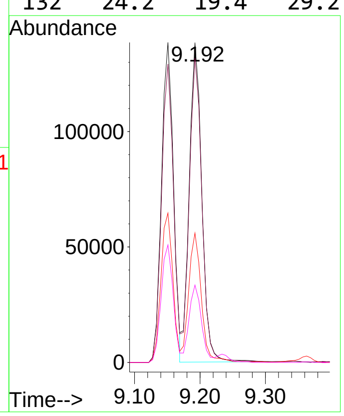




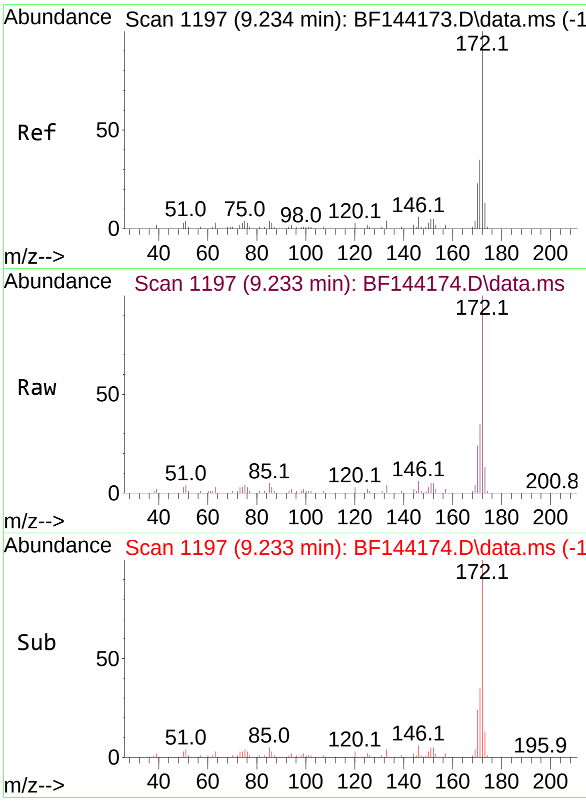
#44
2,4,5-Trichlorophenol
Concen: 45.542 ng
RT: 9.192 min   Scan# 1190
Delta R.T.   -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025   15:49

Tgt Ion:196 Resp: 186449

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.1	114.1
97	40.5	31.9	47.9
132	24.2	19.4	29.2



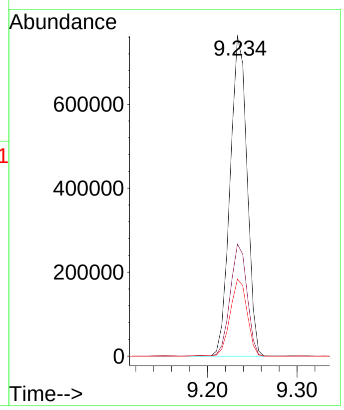
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

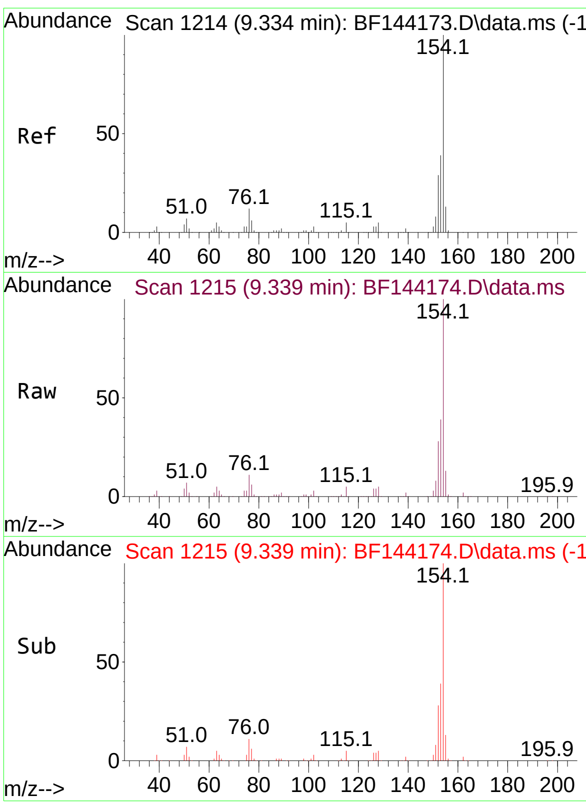


#45
2-Fluorobiphenyl
Concen: 86.941 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:172 Resp: 1002454

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	24.1	18.6	28.0

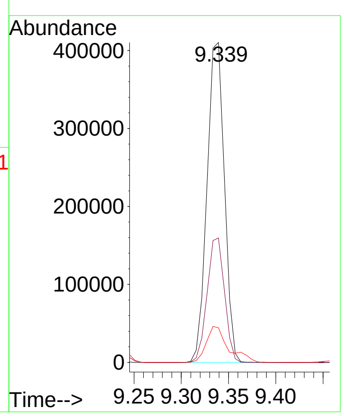




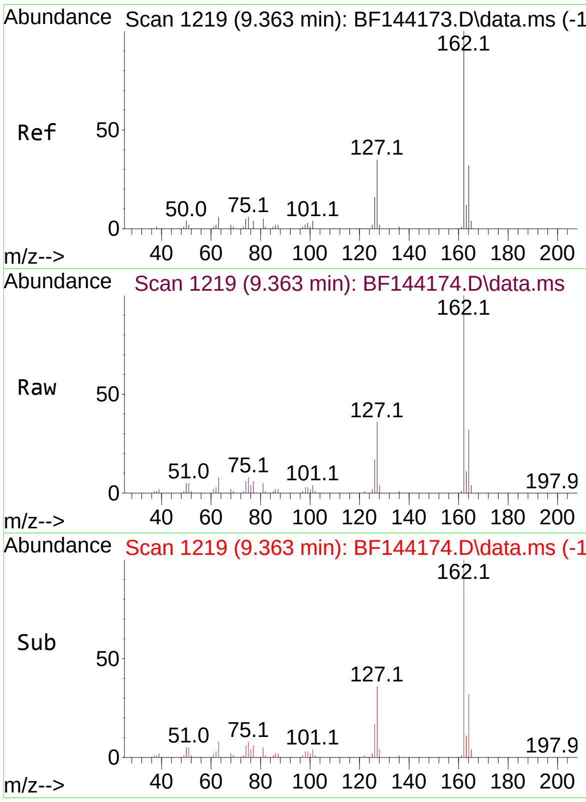
#46
1,1'-Biphenyl
Concen: 44.371 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:154 Resp: 527437

Ion	Ratio	Lower	Upper
154	100		
153	38.9	19.2	59.2
76	10.9	0.0	31.8



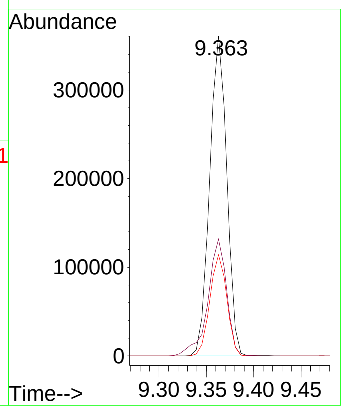
Instrument : BNA_F
ClientSampleId : SSTDICC050

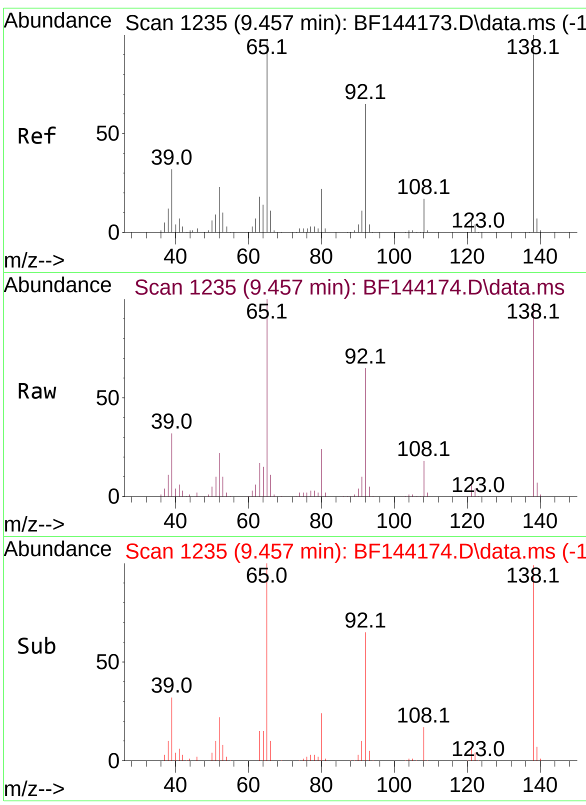


#47
2-Chloronaphthalene
Concen: 44.851 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:162 Resp: 454778

Ion	Ratio	Lower	Upper
162	100		
127	36.5	28.8	43.2
164	31.6	25.8	38.8

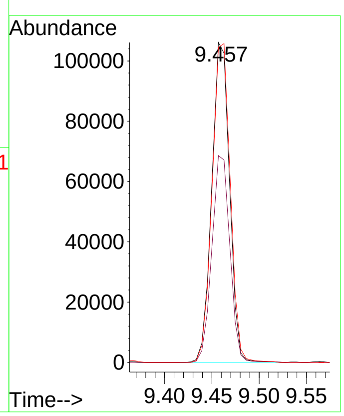




#48
2-Nitroaniline
Concen: 47.458 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

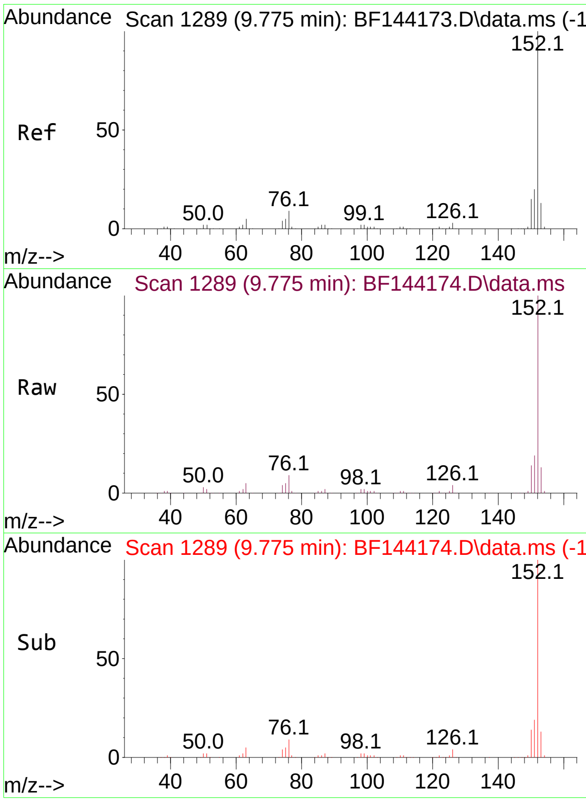
Tgt Ion: 65 Resp: 138845

Ion	Ratio	Lower	Upper
65	100		
92	64.6	53.0	79.6
138	98.5	81.6	122.4



ICAL Form

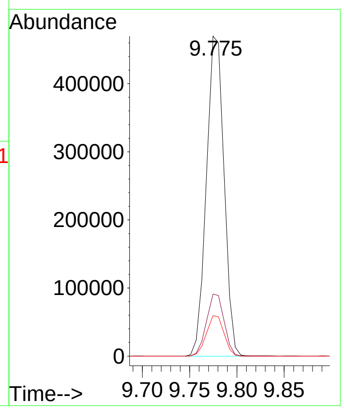
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

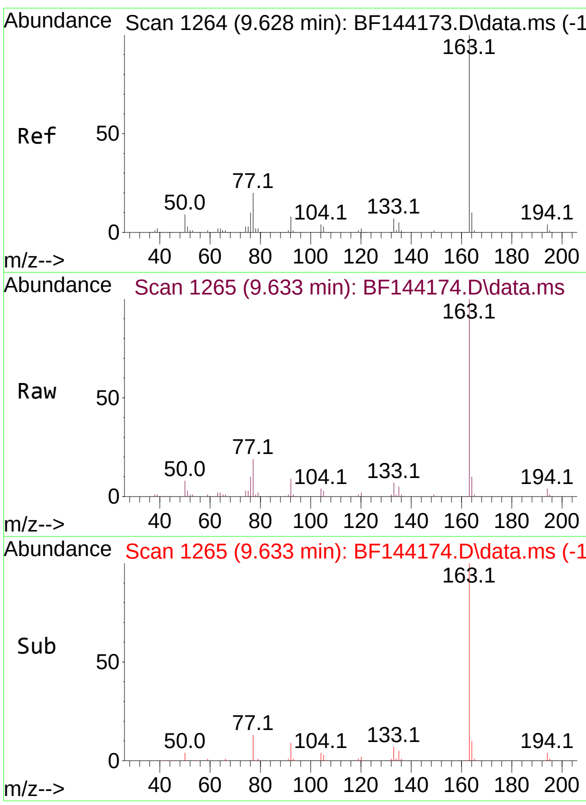


#49
Acenaphthylene
Concen: 44.368 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:152 Resp: 613066

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	12.6	10.5	15.7

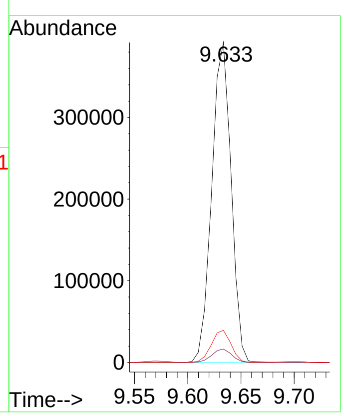




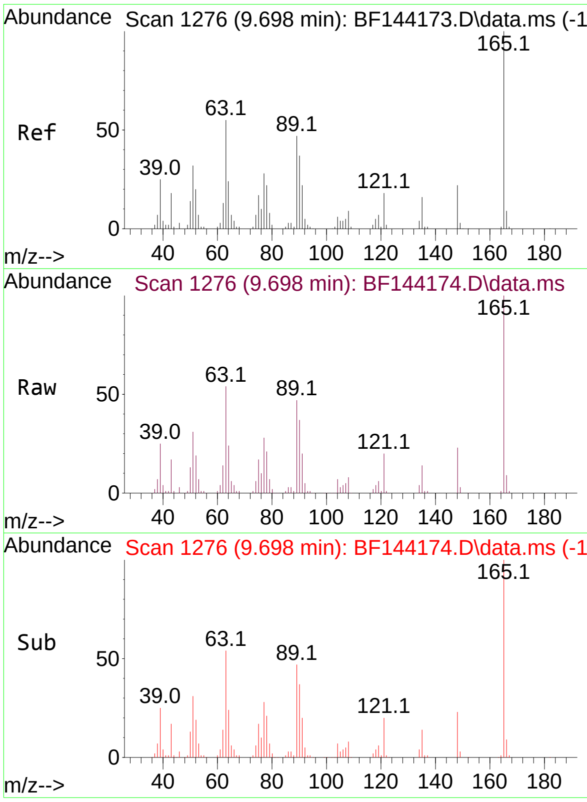
#50
Dimethylphthalate
Concen: 44.094 ng
RT: 9.633 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:163 Resp: 497451

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.0	8.1	12.1

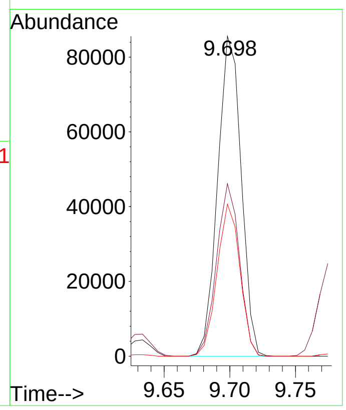


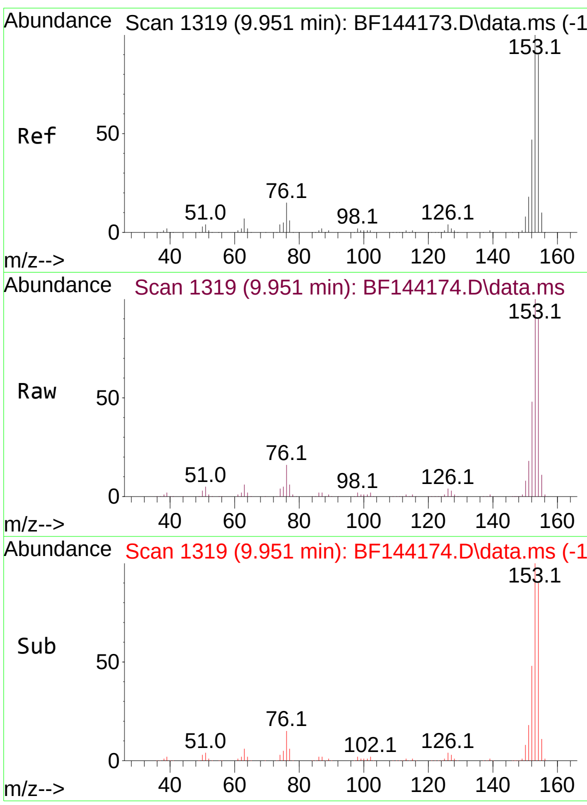
Instrument :
BNA_F
ClientSampleId :
SSTDICC050




```
#51
2,6-Dinitrotoluene
Concen:   46.892 ng
RT:   9.698 min  Scan# 1
Delta R.T.  -0.006 min
Lab File:   BF144174.D
Acq: 05 Nov 2025  15:49

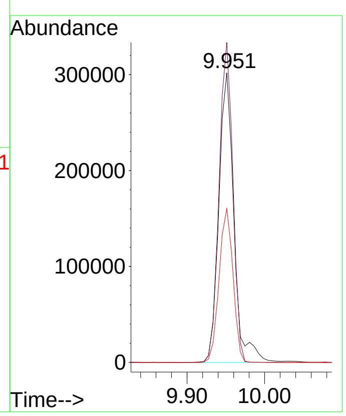
Tgt Ion:165 Resp:  107091
Ion  Ratio  Lower  Upper
165  100
 63   53.9   43.8   65.8
 89   47.5   37.5   56.3
```



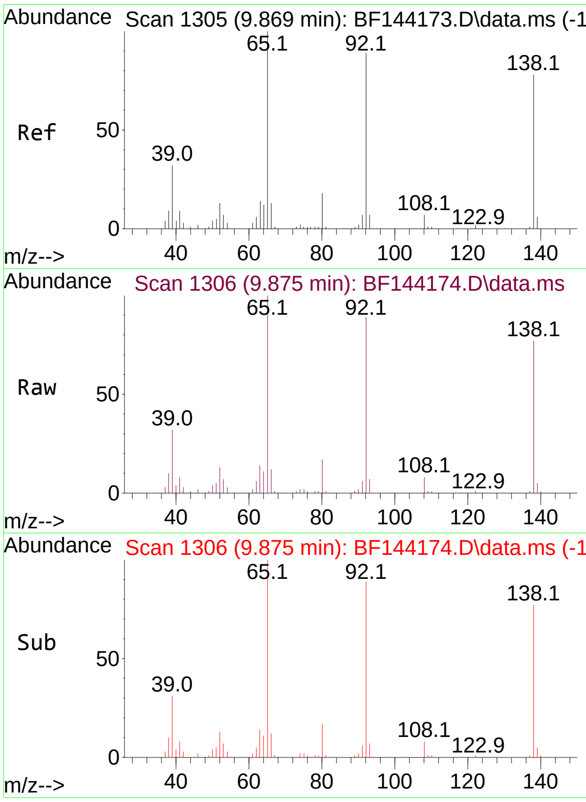



```
#52
Acenaphthene
Concen:   44.067 ng
RT:   9.951 min  Scan# 1319
Delta R.T.  0.000 min
Lab File:   BF144174.D
Acq: 05 Nov 2025  15:49

Tgt Ion:154 Resp:  407187
Ion  Ratio  Lower  Upper
154  100
153  110.5   89.0  133.4
152   53.1   42.2   63.4
```



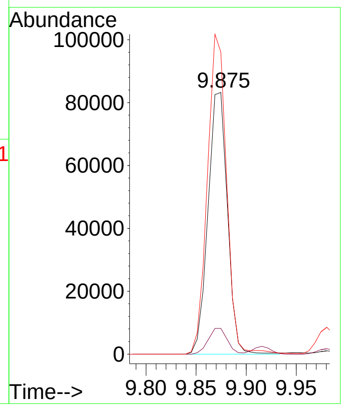
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

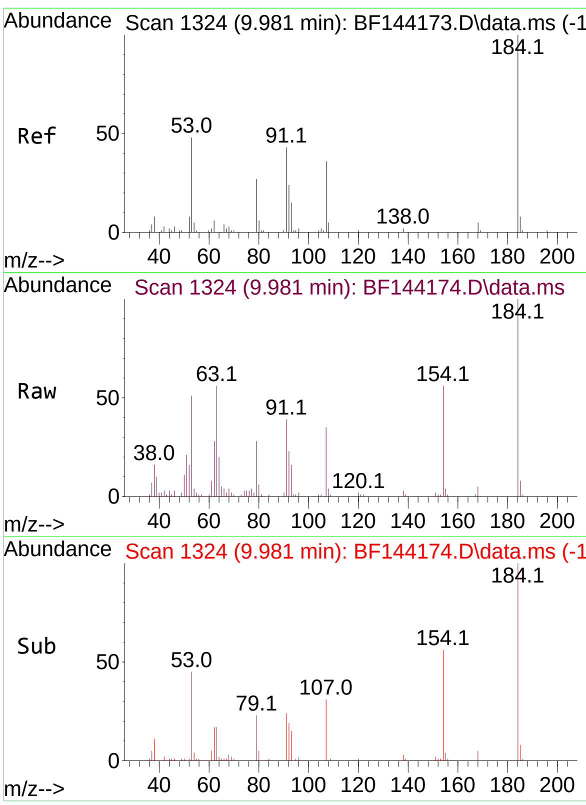


#53
3-Nitroaniline
Concen: 45.012 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:138 Resp: 112371

Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.5	11.3
92	115.4	91.8	137.6

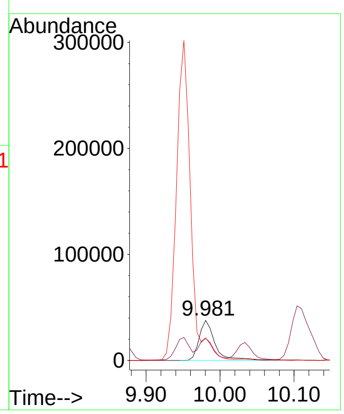




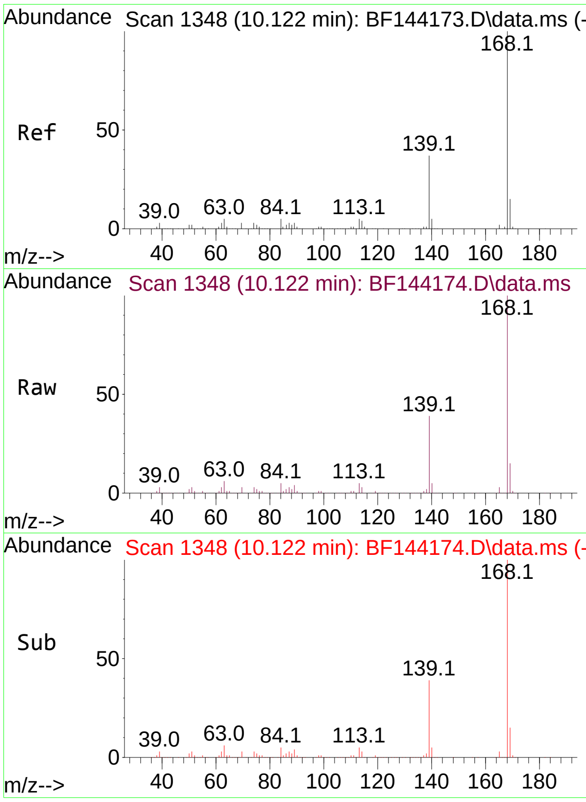
#54
2,4-Dinitrophenol
Concen: 41.007 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:184 Resp: 56551

Ion	Ratio	Lower	Upper
184	100		
63	56.3	44.0	66.0
154	55.5	42.4	63.6



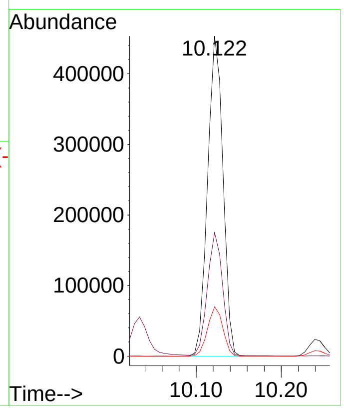
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

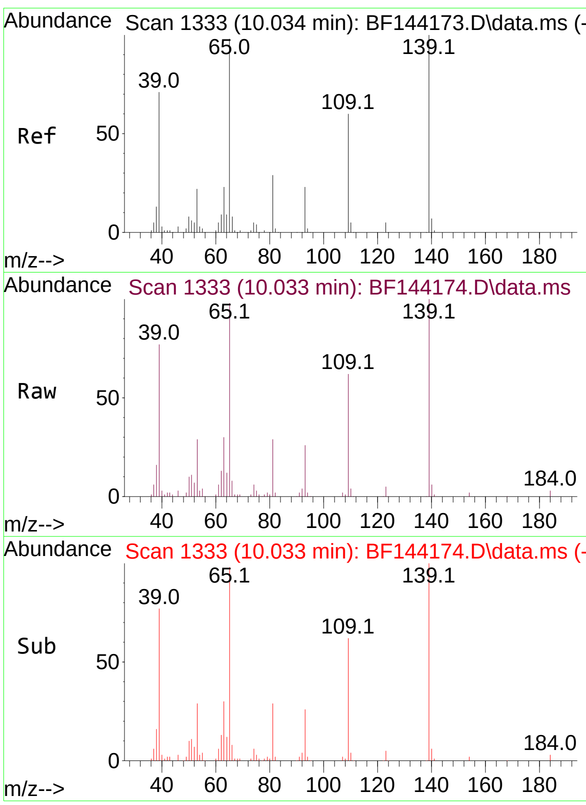


#55
Dibenzofuran
Concen: 43.989 ng
RT: 10.122 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:168 Resp: 569268

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.2	45.2
169	15.4	12.2	18.4

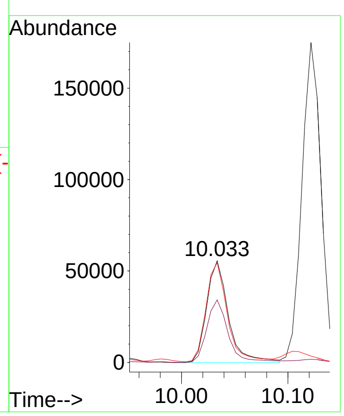




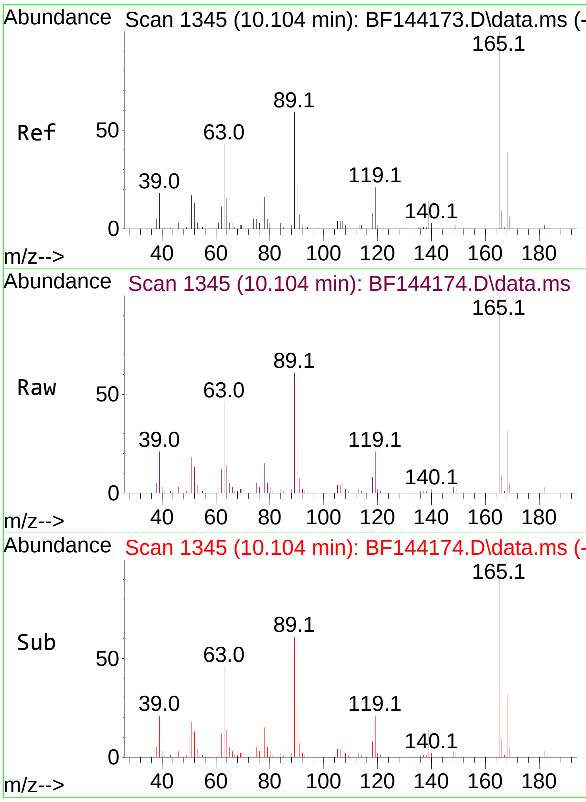
#56
4-Nitrophenol
Concen: 43.544 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:139 Resp: 78636

Ion	Ratio	Lower	Upper
139	100		
109	61.6	39.9	79.9
65	98.3	79.5	119.5



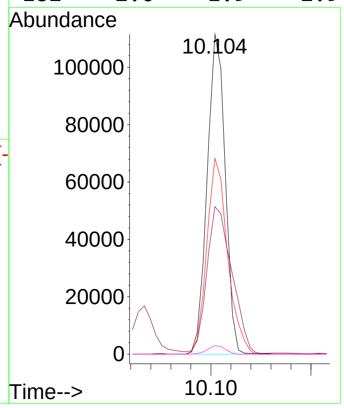
Instrument : BNA_F
ClientSampleId : SSTDICC050

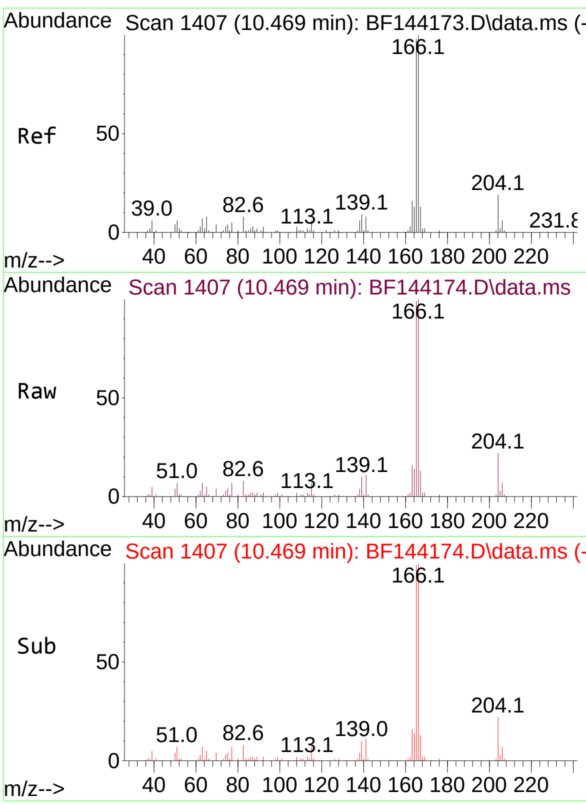


#57
2,4-Dinitrotoluene
Concen: 45.629 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:165 Resp: 139501

Ion	Ratio	Lower	Upper
165	100		
63	46.1	35.5	53.3
89	61.2	47.4	71.2
182	2.6	1.9	2.9

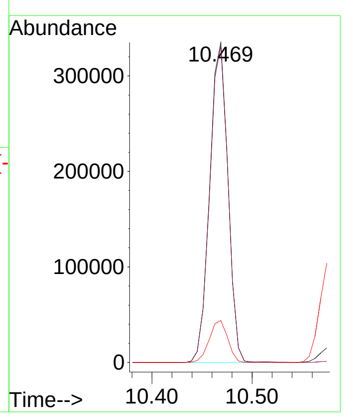




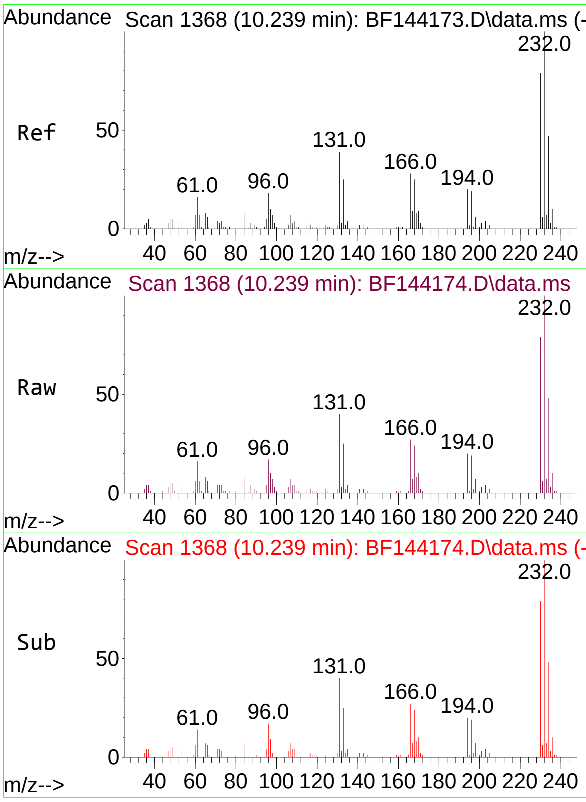
#58
Fluorene
Concen: 43.136 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:166 Resp: 424429

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	118.0
167	13.1	10.4	15.6



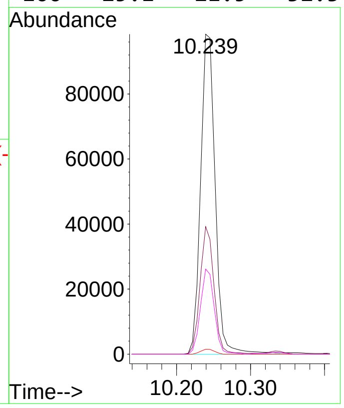
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

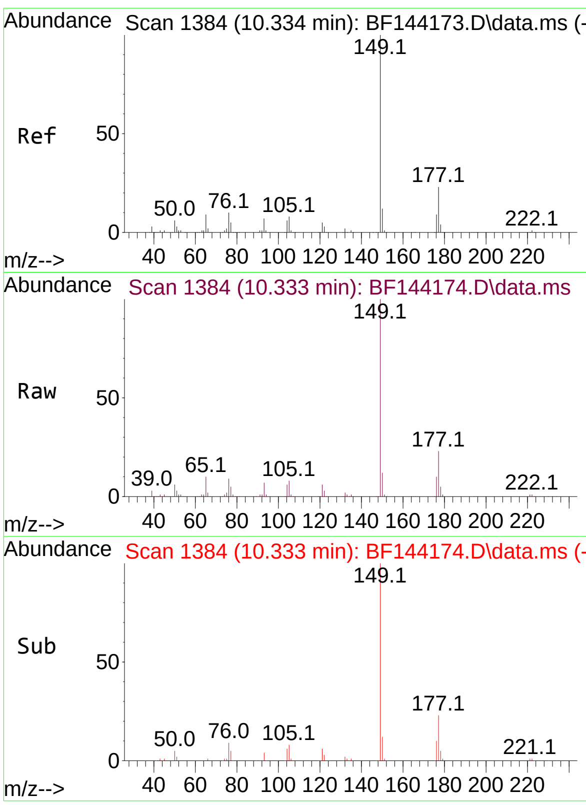


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.453 ng
RT: 10.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:232 Resp: 134554

Ion	Ratio	Lower	Upper
232	100		
131	38.0	30.3	45.5
130	1.4	1.2	1.8
166	25.1	21.5	32.3

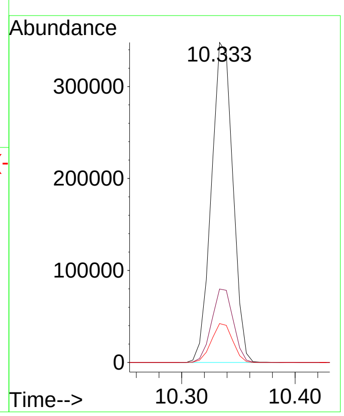




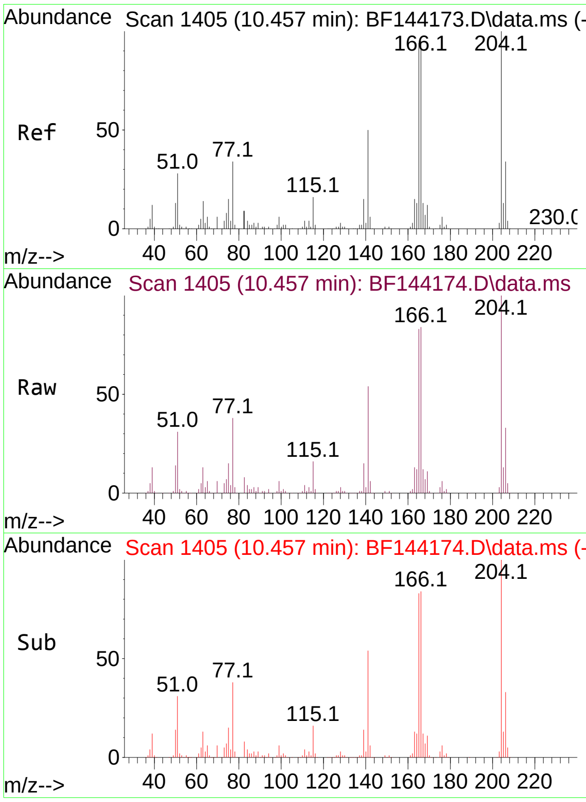
#60
Diethylphthalate
Concen: 43.997 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 457569

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.1	9.8	14.6



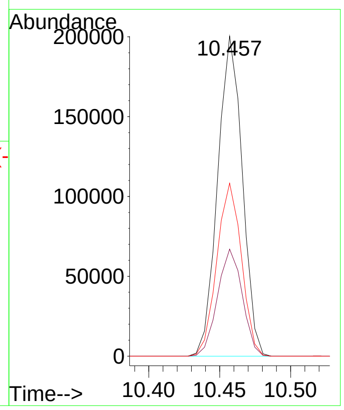
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

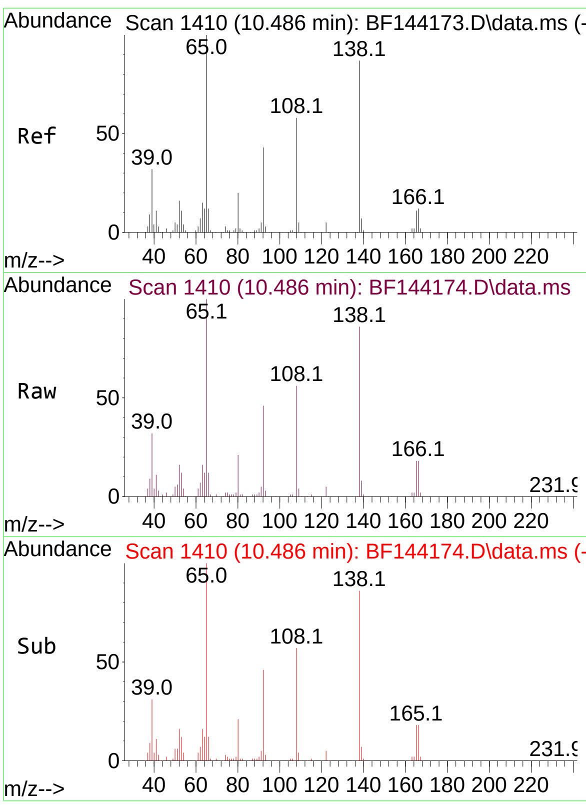


#61
4-Chlorophenyl-phenylether
Concen: 43.294 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:204 Resp: 242650

Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.4	41.2
141	54.0	40.0	60.0

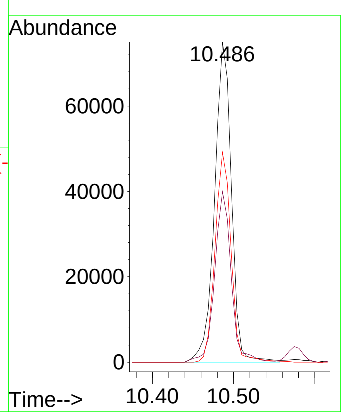




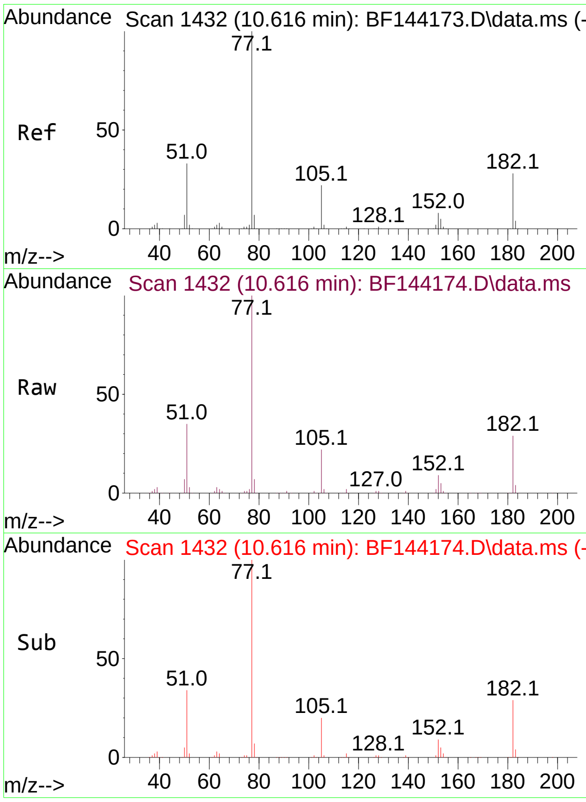
#62
4-Nitroaniline
Concen: 45.557 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:138 Resp: 108312

Ion	Ratio	Lower	Upper
138	100		
92	53.2	29.4	69.4
108	65.5	46.4	86.4



ICAL Form

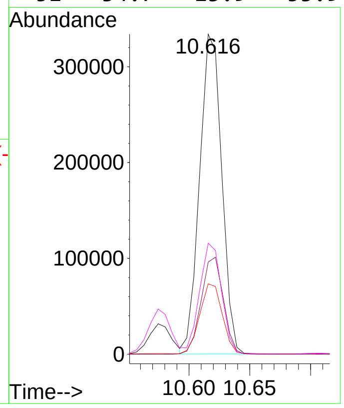


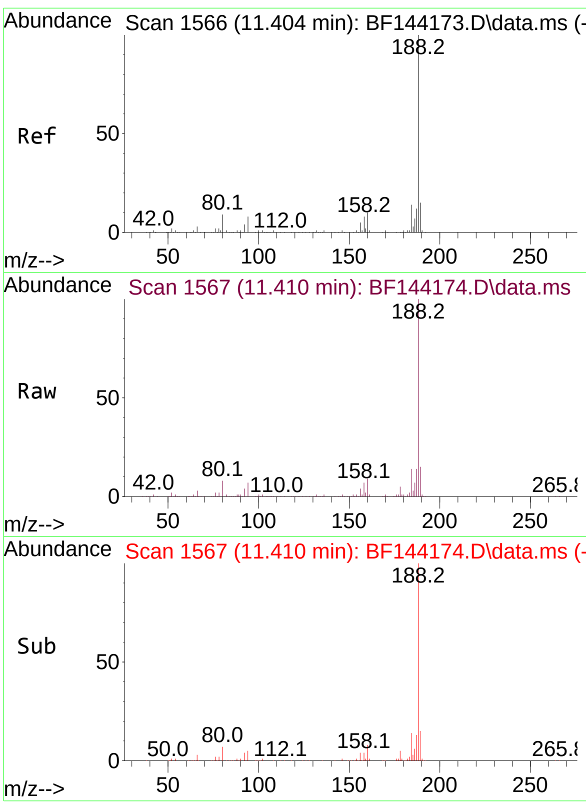
#63
Azobenzene
Concen: 43.768 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 423631

Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.1	48.1
105	22.0	2.0	42.0
51	34.7	13.9	53.9

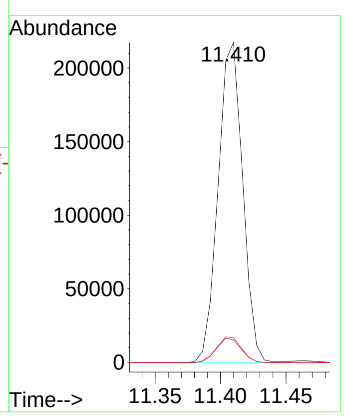


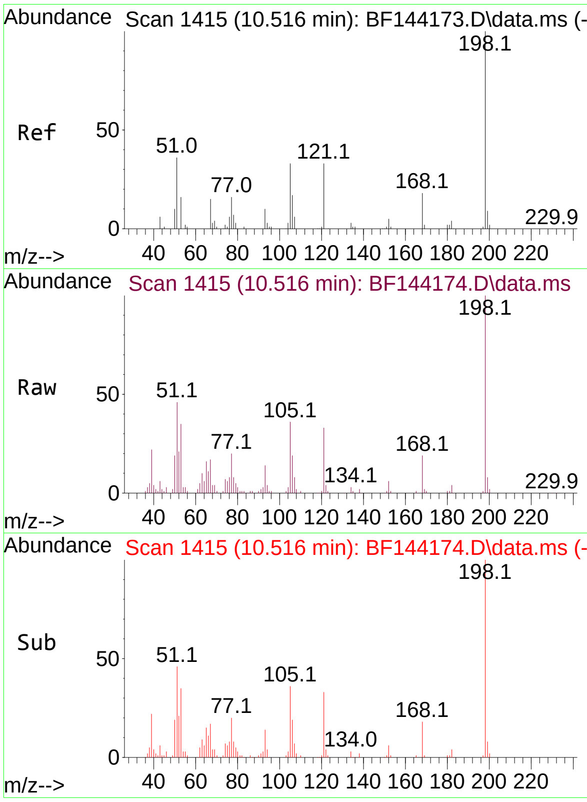


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:188 Resp: 283828

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.2
80	7.7	6.9	10.3



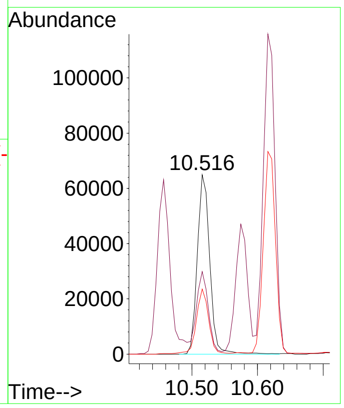


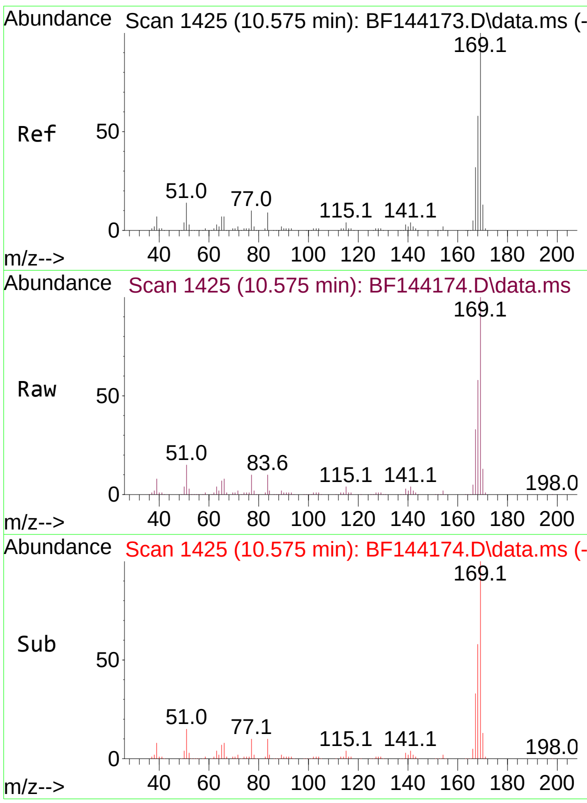
#65
4,6-Dinitro-2-methylphenol
Concen: 44.204 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 85232

Ion	Ratio	Lower	Upper
198	100		
51	46.0	25.6	65.6
105	36.3	14.6	54.6

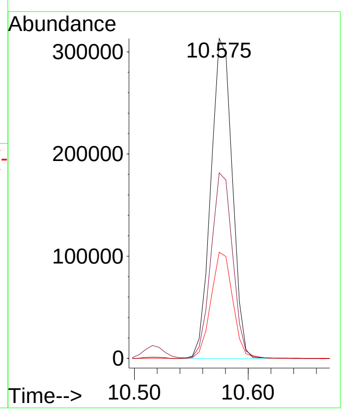




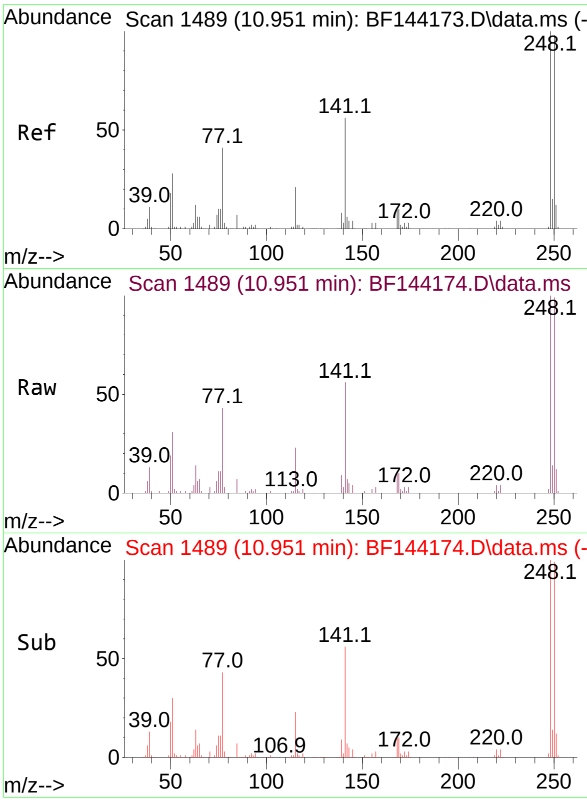
#66
n-Nitrosodiphenylamine
Concen: 44.877 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:169 Resp: 409670

Ion	Ratio	Lower	Upper
169	100		
168	58.0	46.2	69.2
167	33.2	25.7	38.5



ICAL Form



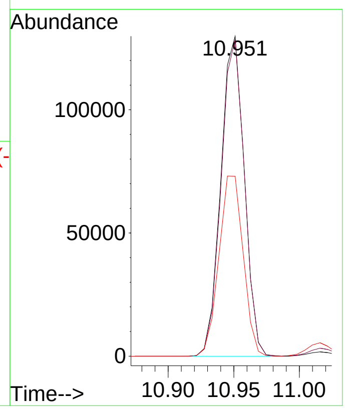
#67
4-Bromophenyl-phenylether
Concen: 44.606 ng
RT: 10.951 min Scan# 14

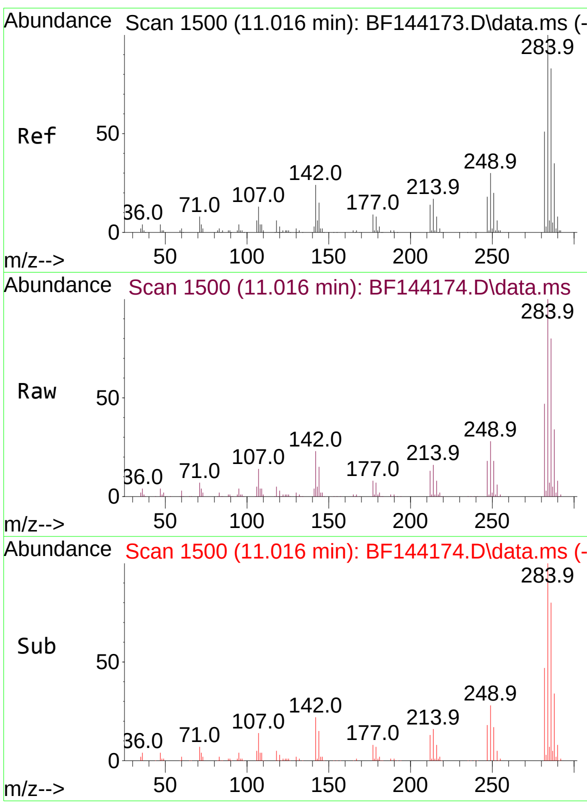
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:248 Resp: 161600

Ion	Ratio	Lower	Upper
248	100		
250	99.0	78.4	117.6
141	56.2	45.1	67.7

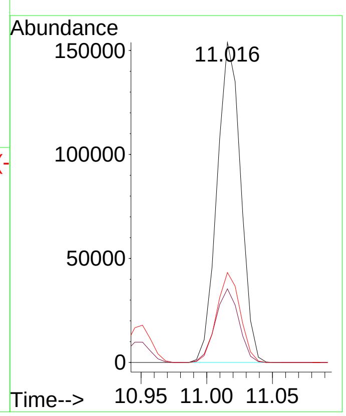




#68
Hexachlorobenzene
Concen: 45.364 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

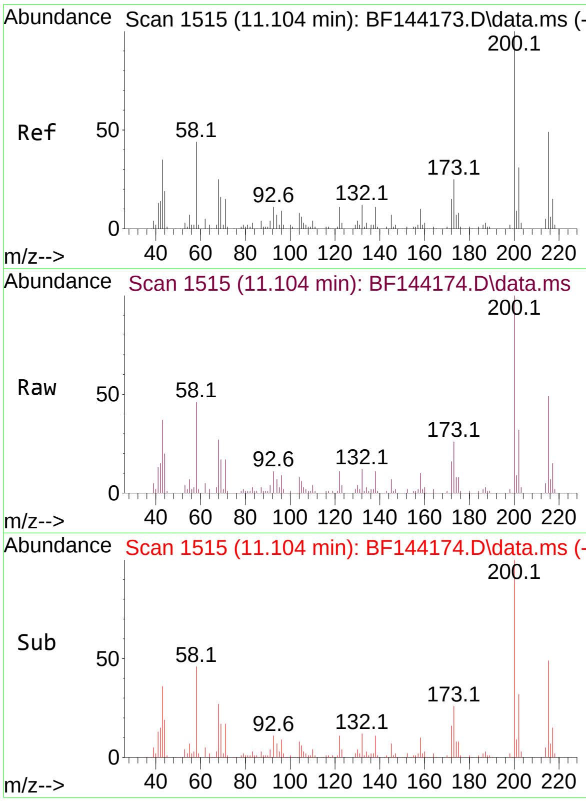
Tgt Ion:284 Resp: 193574

Ion	Ratio	Lower	Upper
284	100		
142	23.0	19.2	28.8
249	28.1	23.8	35.8



ICAL Form

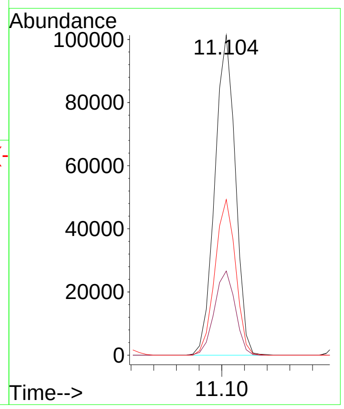
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

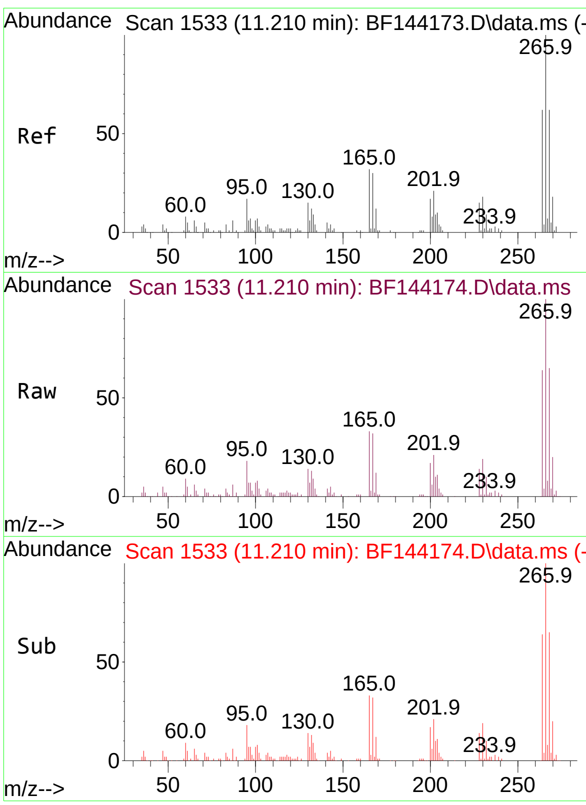


#69
Atrazine
Concen: 43.906 ng
RT: 11.104 min Scan# 15
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:200 Resp: 127465

Ion	Ratio	Lower	Upper
200	100		
173	26.3	5.0	45.0
215	48.6	28.7	68.7

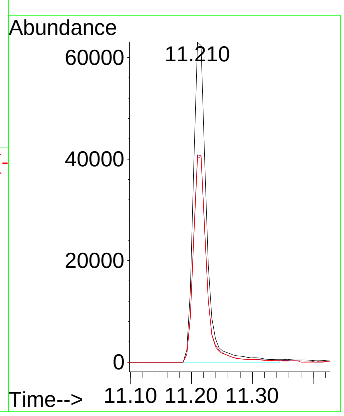




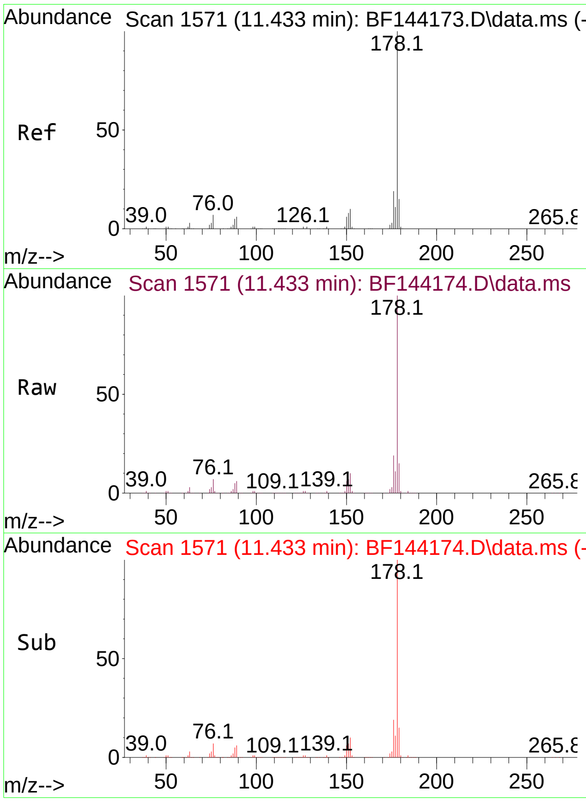
#70
Pentachlorophenol
Concen: 45.622 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:266 Resp: 96941

Ion	Ratio	Lower	Upper
266	100		
268	64.8	49.5	74.3
264	63.7	49.4	74.2



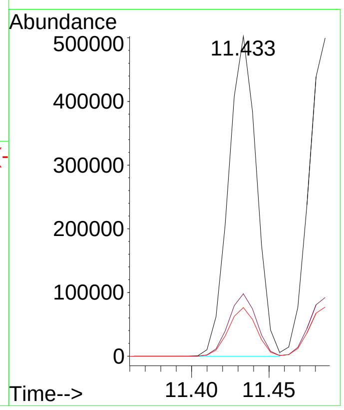
Instrument : BNA_F
ClientSampleId : SSTDICC050

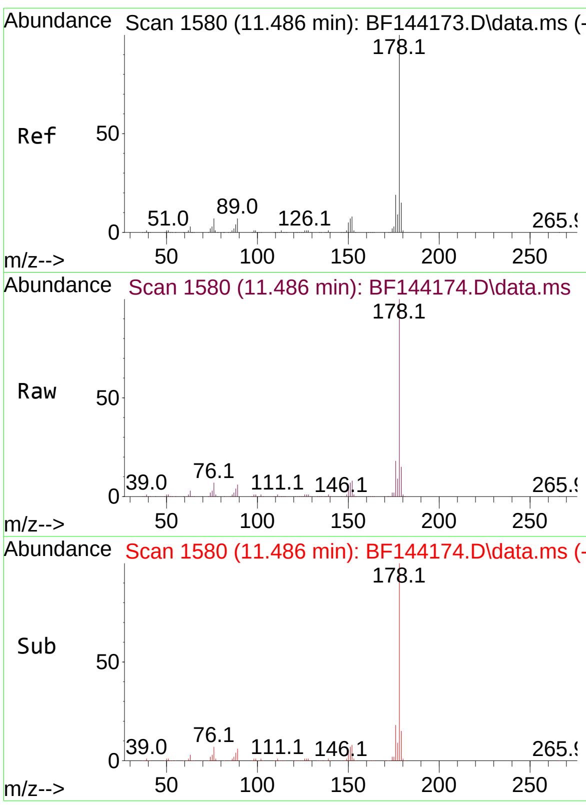


#71
Phenanthrene
Concen: 44.800 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:178 Resp: 633088

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.2	12.2	18.4

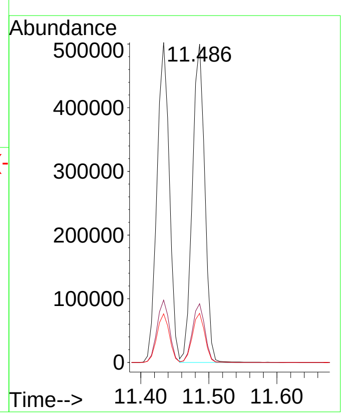




#72
Anthracene
Concen: 44.292 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

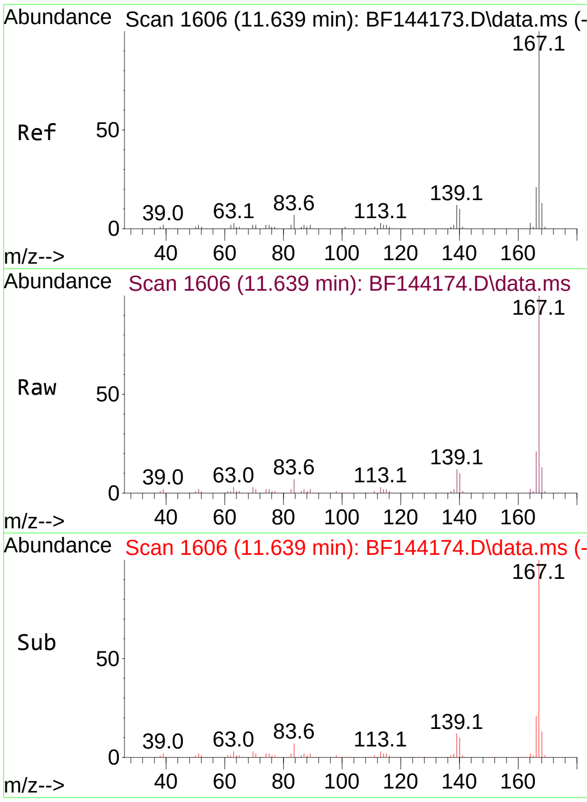
Tgt Ion:178 Resp: 636448

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	15.4	12.0	18.0



ICAL Form

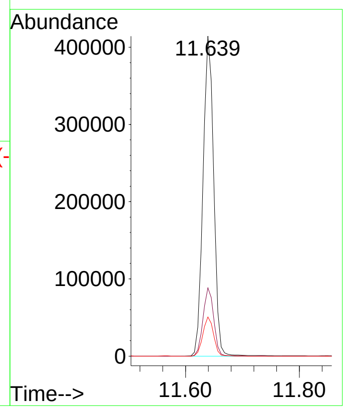
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

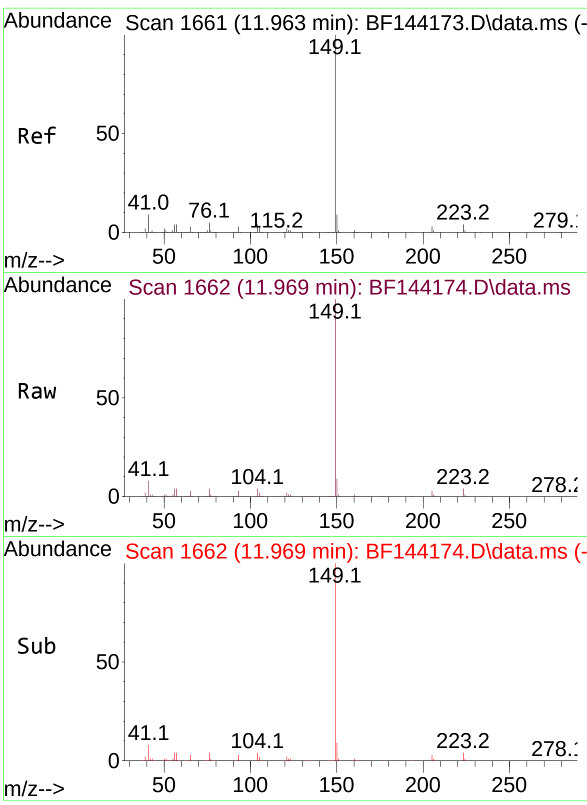


#73
Carbazole
Concen: 44.273 ng
RT: 11.639 min Scan# 16
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:167 Resp: 540957

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.2	9.9	14.9

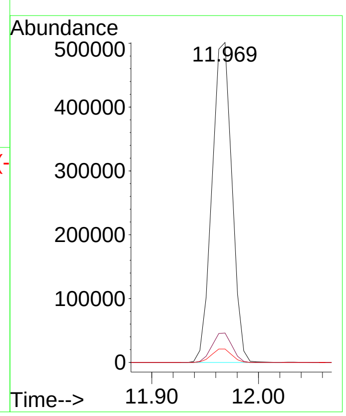




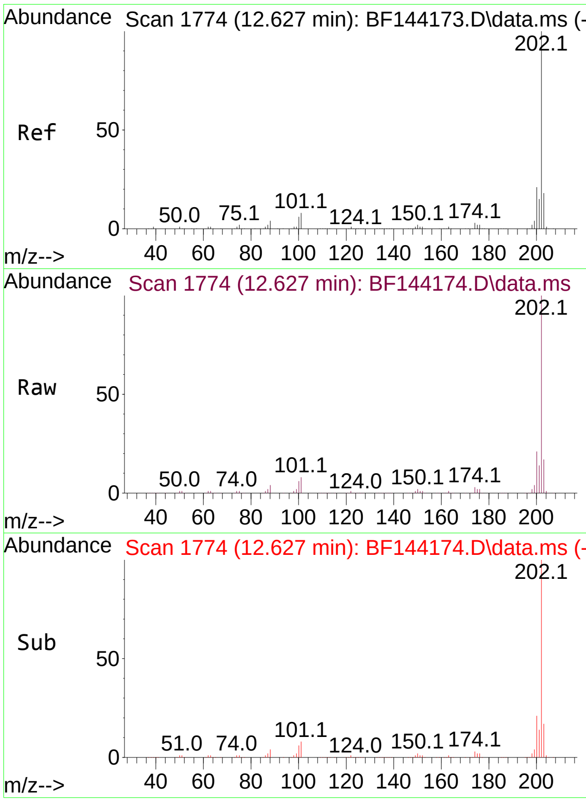
#74
Di-n-butylphthalate
Concen: 44.060 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 650810

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.2	3.4	5.2



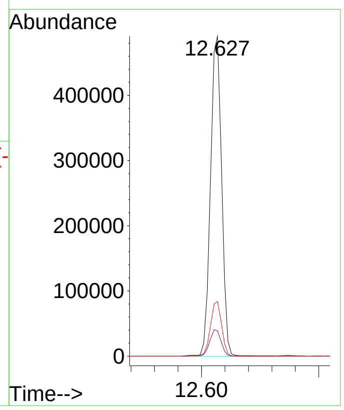
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

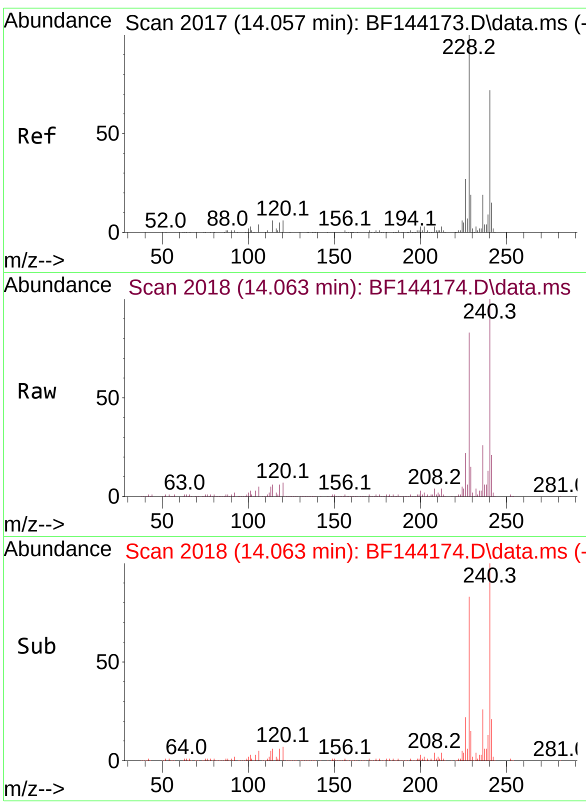


#75
Fluoranthene
Concen: 44.244 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:202 Resp: 645856

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	27.9
203	17.1	0.0	37.5

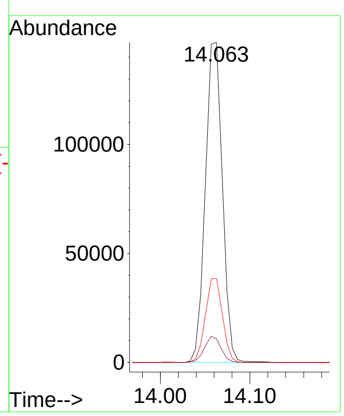




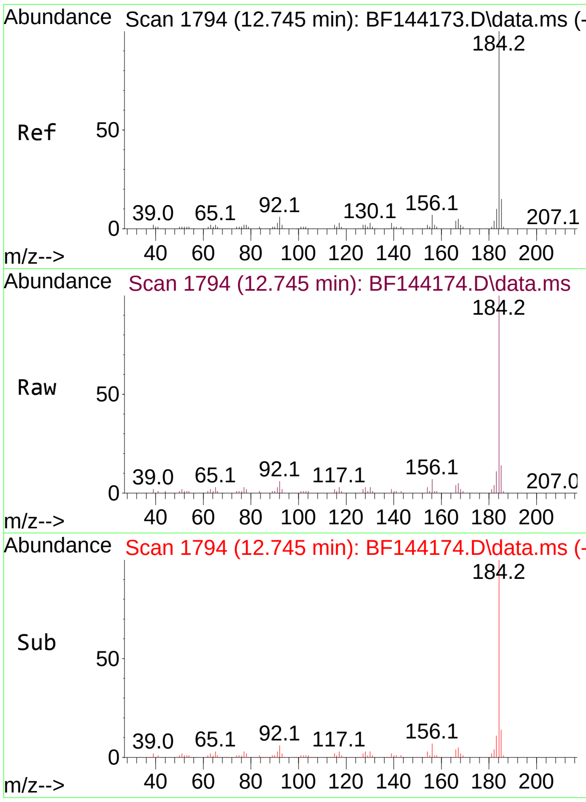
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:240 Resp: 194366

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	26.2	21.4	32.2



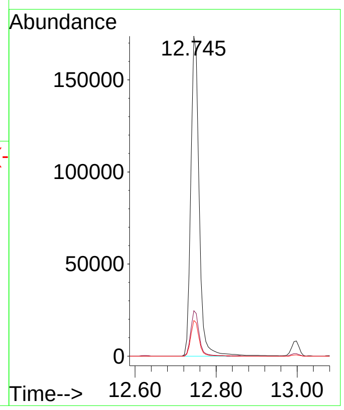
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

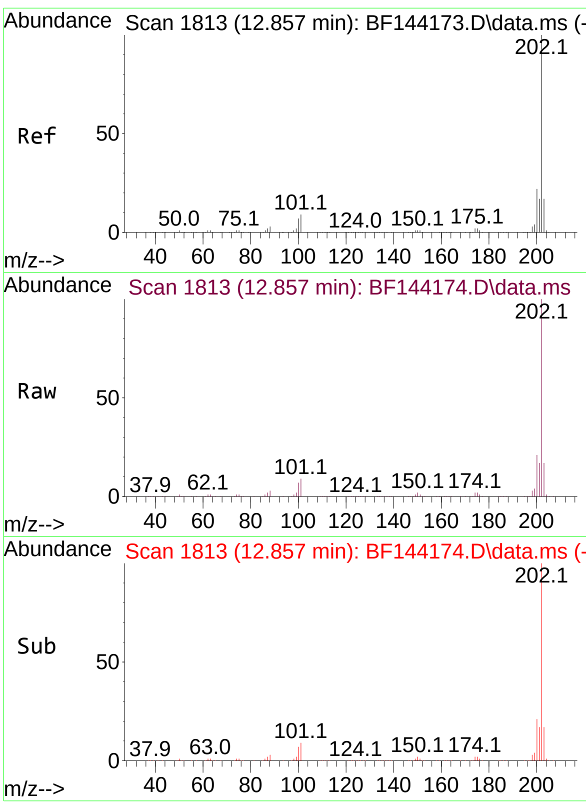


#77
Benzidine
Concen: 43.243 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:184 Resp: 248615

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.7	17.5
183	11.1	8.3	12.5

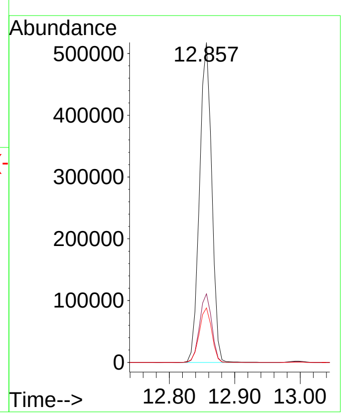


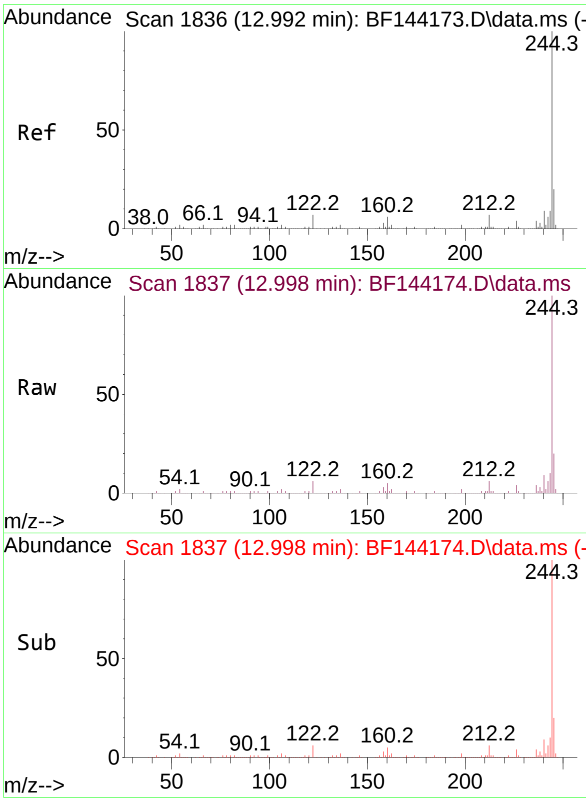


#78
Pyrene
Concen: 42.540 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:202 Resp: 666673

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.0	13.7	20.5





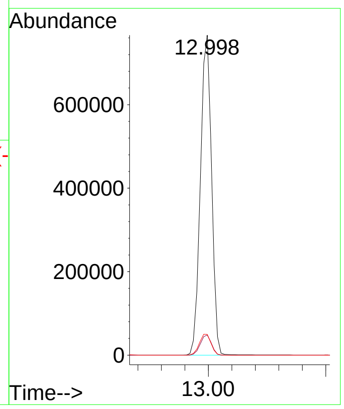
#79
Terphenyl-d14
Concen: 82.754 ng
RT: 12.998 min Scan# 18

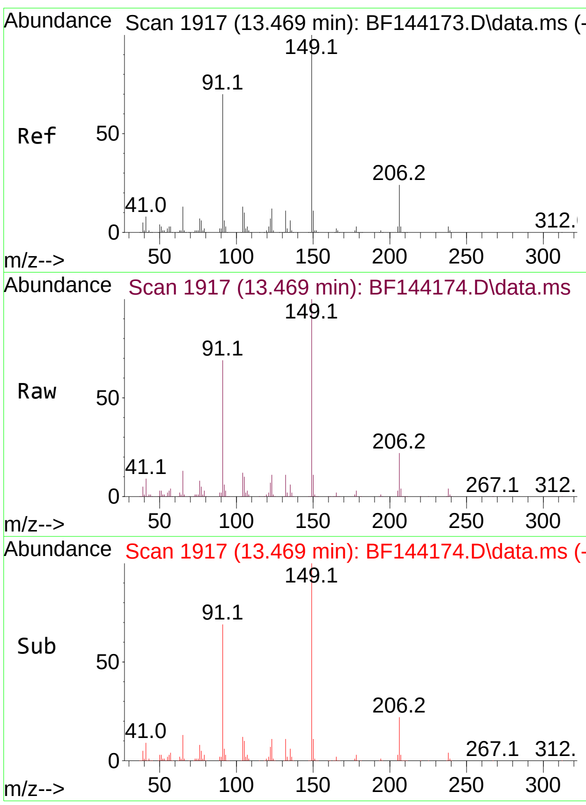
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:244 Resp: 1012618

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.3	7.9
122	6.5	5.6	8.4

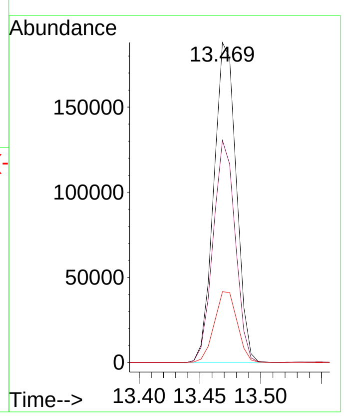




#80
Butylbenzylphthalate
Concen: 44.602 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 242259

Ion	Ratio	Lower	Upper
149	100		
91	69.4	56.1	84.1
206	22.1	18.8	28.2



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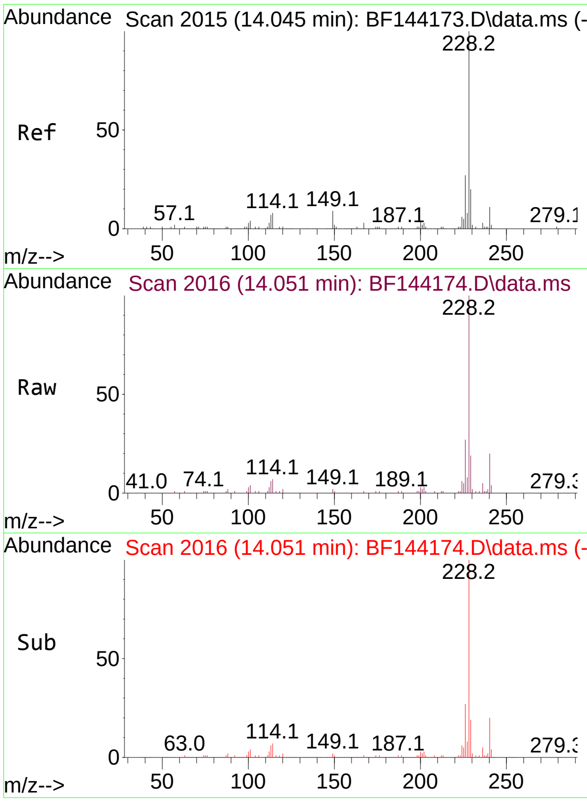
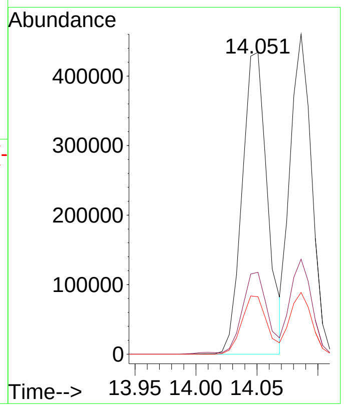
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

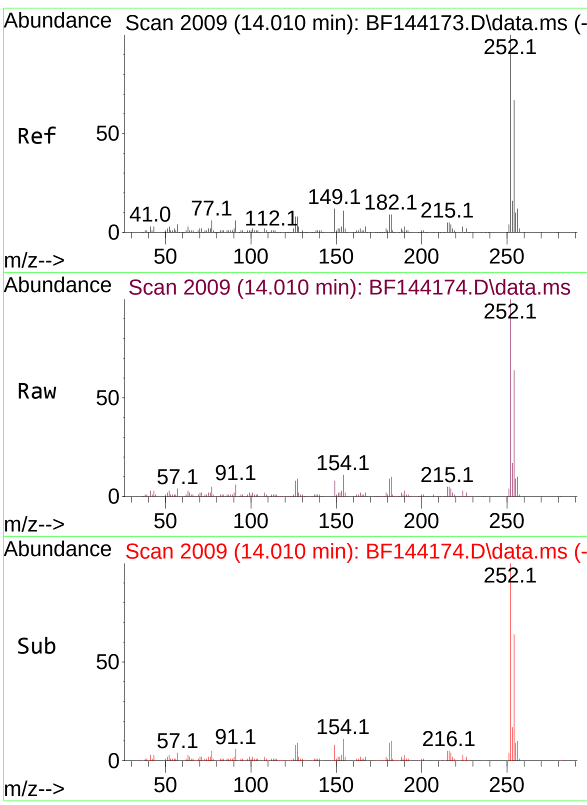


#81
Benzo(a)anthracene
Concen: 46.515 ng
RT: 14.051 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:228 Resp: 626599

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.0	15.8	23.6

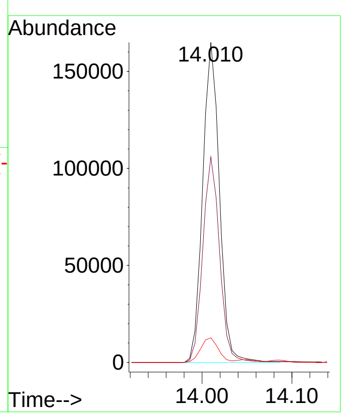




#82
3,3'-Dichlorobenzidine
Concen: 46.440 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

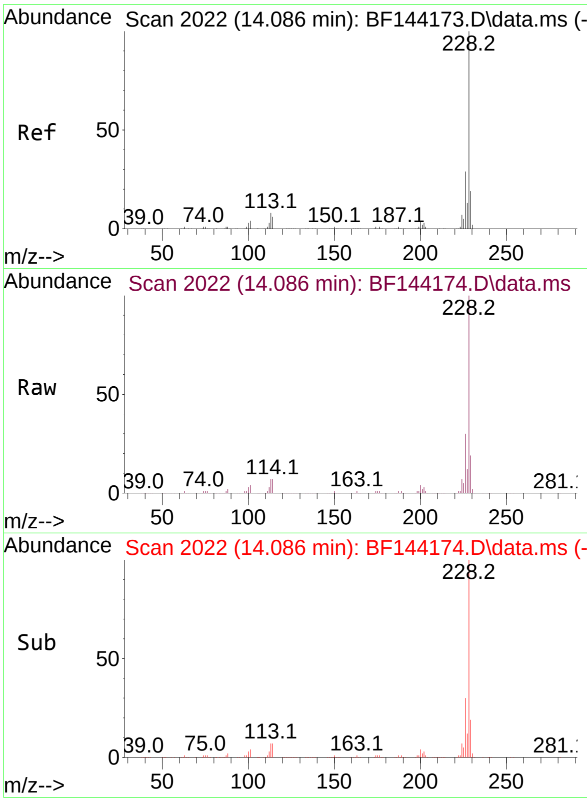
Tgt Ion:252 Resp: 214437

Ion	Ratio	Lower	Upper
252	100		
254	64.1	53.5	80.3
126	7.7	6.4	9.6



ICAL Form

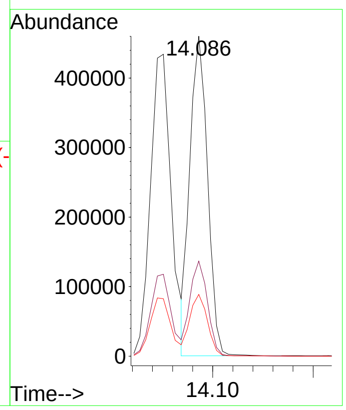
Instrument : BNA_F
ClientSampleId : SSTDICC050

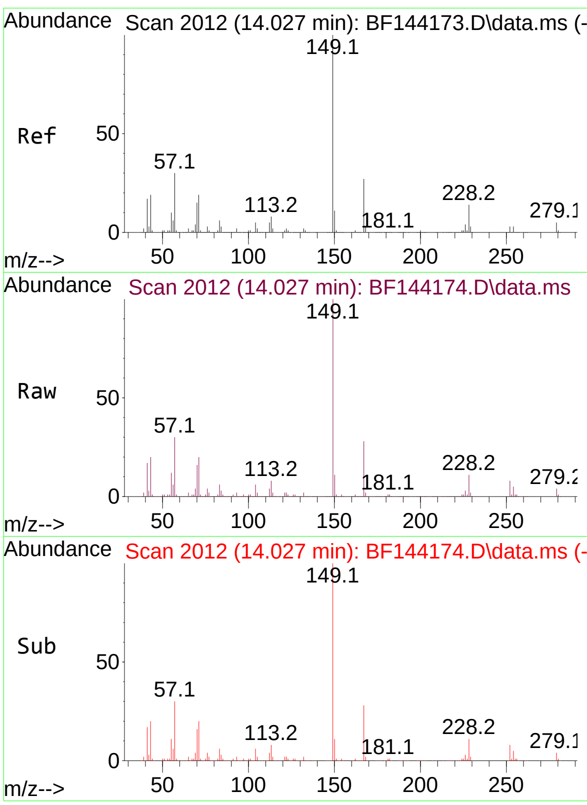


#83
Chrysene
Concen: 45.489 ng
RT: 14.086 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:228 Resp: 565678

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.9	34.3
229	19.3	15.0	22.6

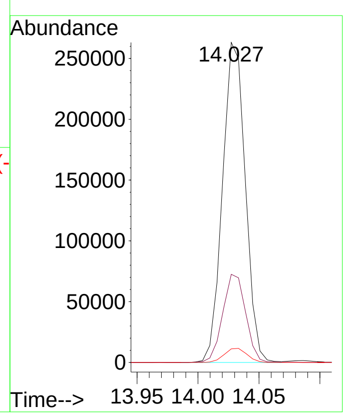


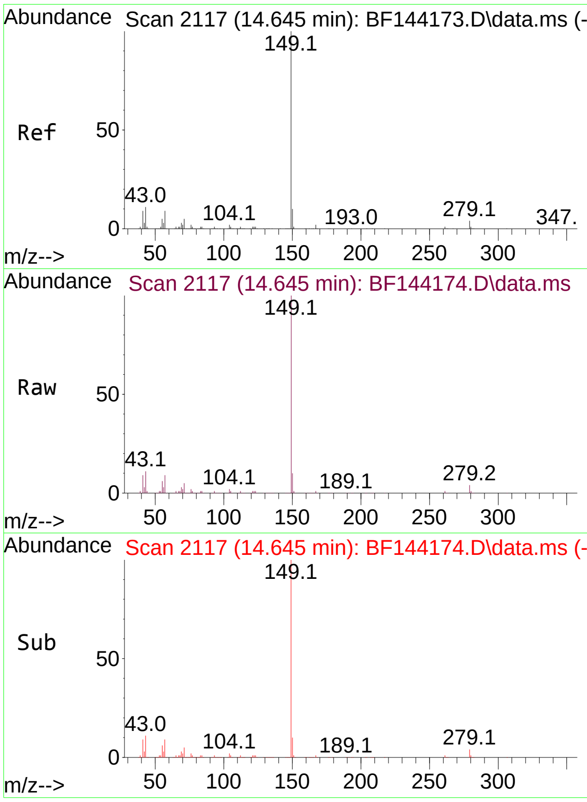


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.061 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 342489

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	4.2	3.7	5.5



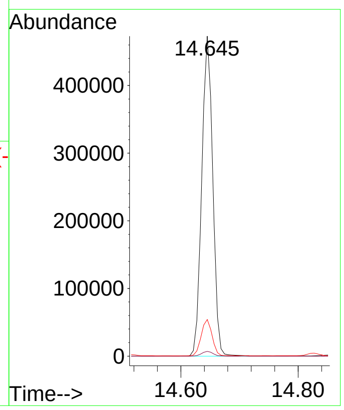


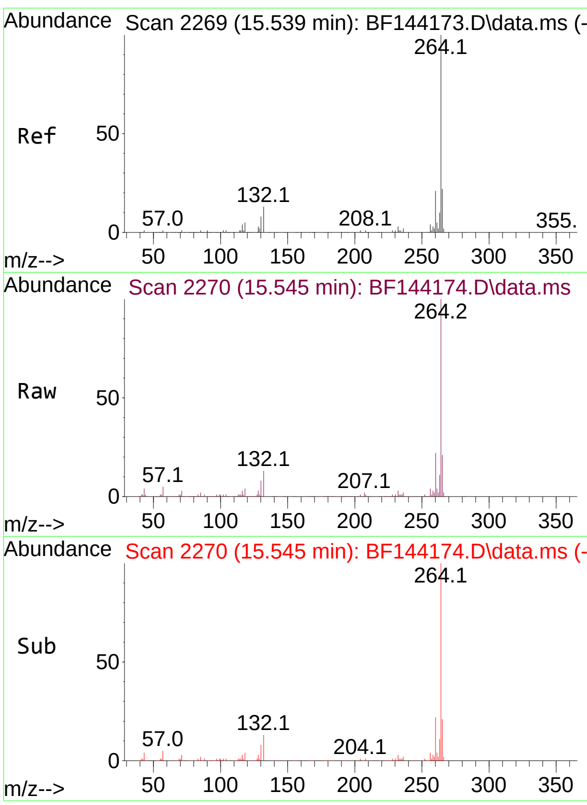
#85
Di-n-octyl phthalate
Concen: 48.068 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 616644

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.4	9.0	13.4

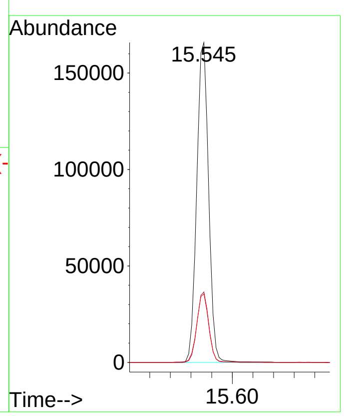




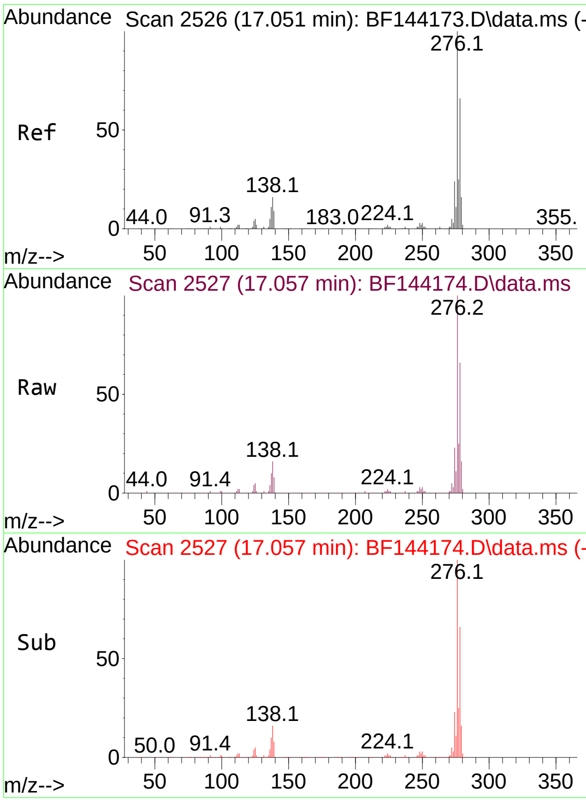
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:264 Resp: 264861

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.1	25.7
265	21.5	17.4	26.0



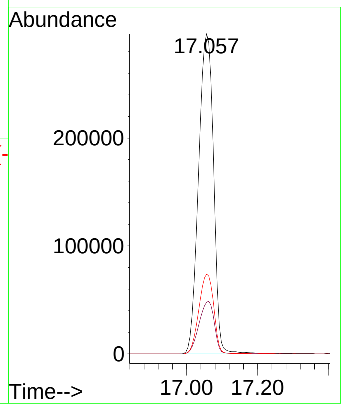
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

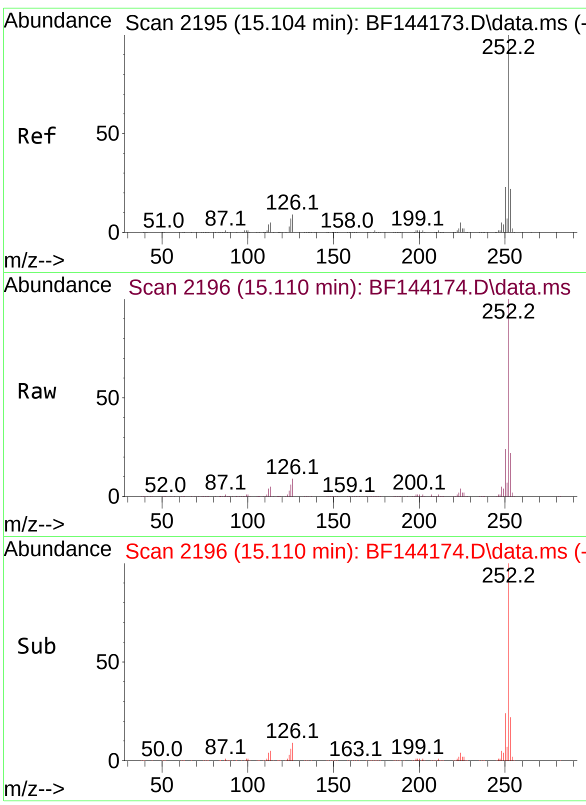


#87
Indeno(1,2,3-cd)pyrene
Concen: 45.642 ng
RT: 17.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:276 Resp: 867786

Ion	Ratio	Lower	Upper
276	100		
138	16.7	13.9	20.9
277	24.5	19.8	29.6

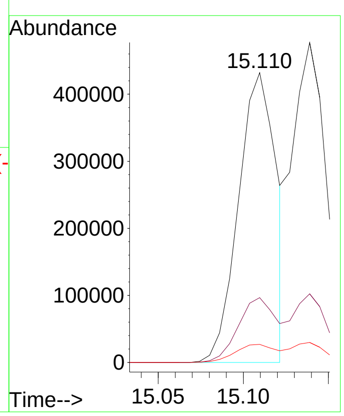


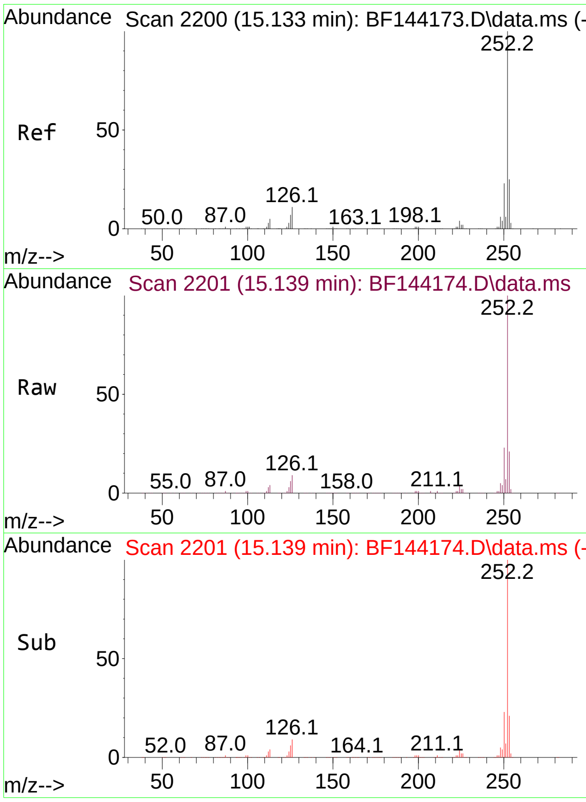


#88
Benzo(b)fluoranthene
Concen: 44.079 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:252 Resp: 663728

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	6.2	5.3	7.9



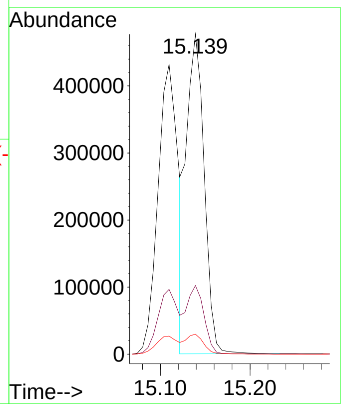


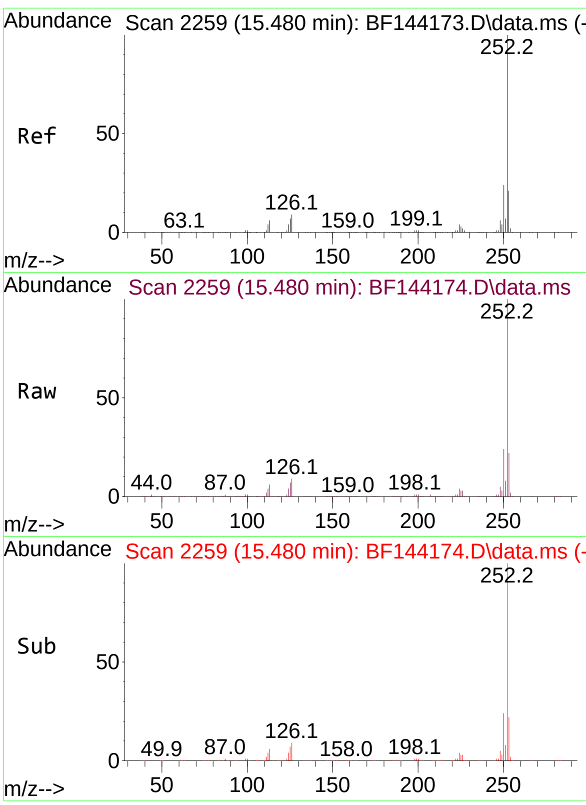
#89
Benzo(k)fluoranthene
Concen: 46.952 ng
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 661746

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	6.2	5.4	8.2

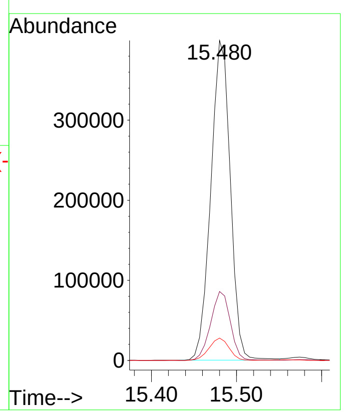




#90
Benzo(a)pyrene
Concen: 45.882 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

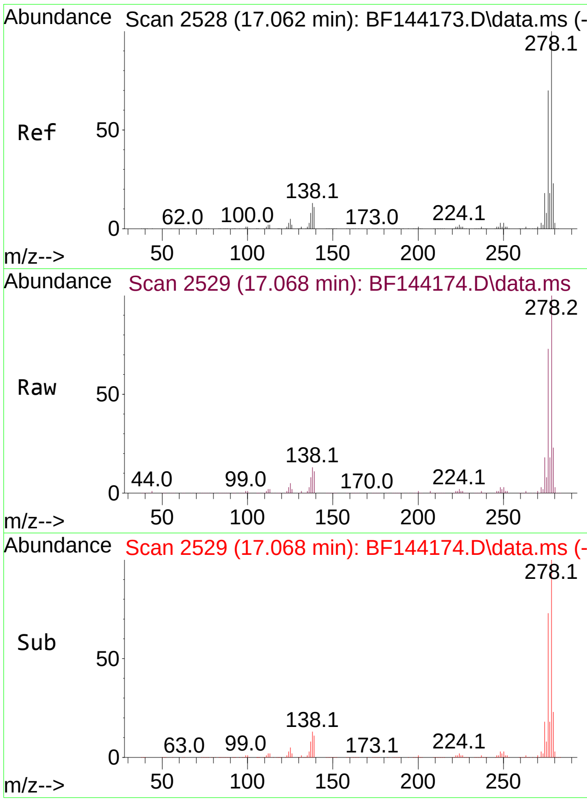
Tgt Ion:252 Resp: 637370

Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.7	25.1
125	7.0	5.7	8.5



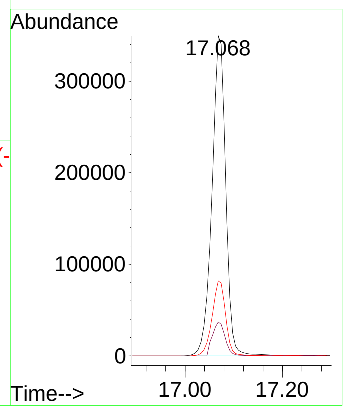
ICAL Form

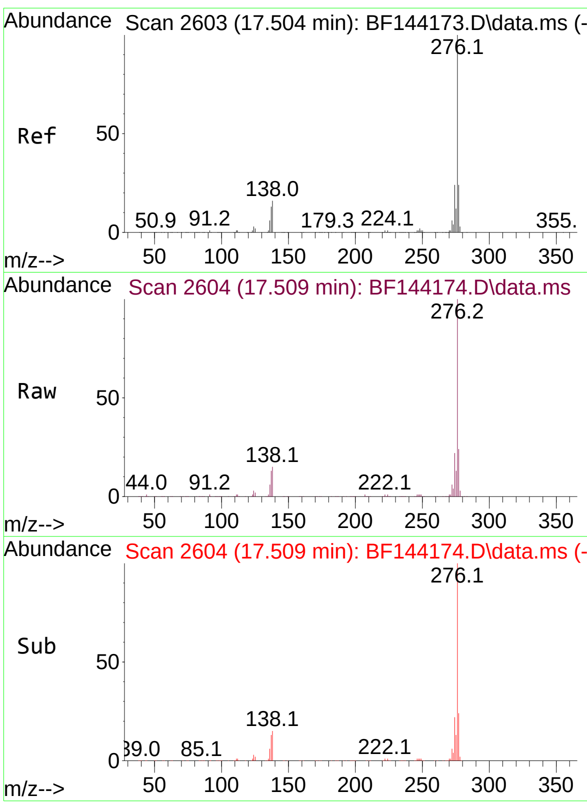
Instrument :
BNA_F
ClientSampleId :
SSTDICC050




```
#91
Dibenzo(a,h)anthracene
Concen:   45.098 ng
RT:  17.068 min  Scan# 2
Delta R.T.  -0.012 min
Lab File:   BF144174.D
Acq: 05 Nov 2025  15:49

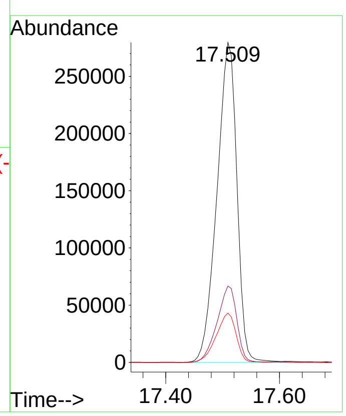
Tgt Ion:278 Resp:  688620
Ion  Ratio  Lower  Upper
278  100
139   10.6    9.1   13.7
279   23.4   18.2   27.4
```






```
#92
Benzo(g,h,i)perylene
Concen:   45.152 ng
RT:  17.509 min  Scan# 2604
Delta R.T.  -0.012 min
Lab File:   BF144174.D
Acq: 05 Nov 2025  15:49

Tgt Ion:276 Resp:  680830
Ion  Ratio  Lower  Upper
276  100
277   23.9   19.0   28.4
138   15.4   12.9   19.3
```



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144175.D
Acq On : 05 Nov 2025 16:19
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Nov 05 17:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.875	152	63801	20.000 ng	0.00
21) Naphthalene-d8	8.157	136	239743	20.000 ng	0.00
39) Acenaphthene-d10	9.916	164	126385	20.000 ng	0.00
64) Phenanthrene-d10	11.410	188	213136	20.000 ng	0.00
76) Chrysene-d12	14.057	240	145867	20.000 ng	0.00
86) Perylene-d12	15.539	264	205758	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.492	112	509184	124.890 ng	0.00
7) Phenol-d6	6.510	99	559443	121.101 ng	0.00
23) Nitrobenzene-d5	7.439	82	519687	125.195 ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	198226	124.986 ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1047440	122.404 ng	0.00
79) Terphenyl-d14	12.998	244	1057426	115.147 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.604	88	109742	65.106 ng	99
3) Pyridine	3.375	79	307664	65.424 ng	97
4) n-Nitrosodimethylamine	3.334	42	166098	67.619 ng	97
6) Aniline	6.539	93	409356	62.194 ng	99
8) 2-Chlorophenol	6.663	128	247503	61.902 ng	99
9) Benzaldehyde	6.428	77	150534	57.706 ng	98
10) Phenol	6.522	94	342646	60.707 ng	90
11) bis(2-Chloroethyl)ether	6.610	93	256657	62.405 ng	96
12) 1,3-Dichlorobenzene	6.816	146	303642	61.543 ng	98
13) 1,4-Dichlorobenzene	6.892	146	306973	62.104 ng	99
14) 1,2-Dichlorobenzene	7.045	146	293432	61.936 ng	99
15) Benzyl Alcohol	7.016	79	229107	62.632 ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	467387	61.712 ng	96
17) 2-Methylphenol	7.128	107	191705	60.269 ng	96
18) Hexachloroethane	7.386	117	103964	63.308 ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	179314	58.963 ng	96
20) 3+4-Methylphenols	7.281	107	224891	59.977 ng	91
22) Acetophenone	7.286	105	302907	58.897 ng	94
24) Nitrobenzene	7.463	77	285924	63.439 ng	98
25) Isophorone	7.698	82	485836	61.876 ng	99
26) 2-Nitrophenol	7.775	139	144140	64.606 ng	96
27) 2,4-Dimethylphenol	7.810	122	212249	63.471 ng	95
28) bis(2-Chloroethoxy)met...	7.904	93	304411	62.085 ng	99
29) 2,4-Dichlorophenol	8.016	162	234718	60.899 ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	240858	60.858 ng	98
31) Naphthalene	8.181	128	684579	60.028 ng	100
32) Benzoic acid	7.933	122	136682	55.761 ng	96
33) 4-Chloroaniline	8.228	127	255554	61.441 ng	98
34) Hexachlorobutadiene	8.298	225	182626	61.229 ng	98
35) Caprolactam	8.610	113	62840	59.512 ng	95
36) 4-Chloro-3-methylphenol	8.710	107	208910	60.481 ng	99
37) 2-Methylnaphthalene	8.875	142	447909	58.743 ng	98
38) 1-Methylnaphthalene	8.975	142	431529	58.654 ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	271508	65.549 ng	99
41) Hexachlorocyclopentadiene	9.022	237	95909	64.419 ng	96
43) 2,4,6-Trichlorophenol	9.151	196	185412	65.769 ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144175.D
Acq On : 05 Nov 2025 16:19
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Nov 05 17:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	190324	62.639	ng	99
46)	1,1'-Biphenyl	9.339	154	549700	62.310	ng	99
47)	2-Chloronaphthalene	9.363	162	474514	63.056	ng	99
48)	2-Nitroaniline	9.457	65	141938	65.370	ng	98
49)	Acenaphthylene	9.775	152	636324	62.050	ng	100
50)	Dimethylphthalate	9.633	163	521205	62.250	ng	99
51)	2,6-Dinitrotoluene	9.698	165	110140	64.983	ng	99
52)	Acenaphthene	9.951	154	423653	61.778	ng	99
53)	3-Nitroaniline	9.869	138	119967	64.749	ng	100
54)	2,4-Dinitrophenol	9.980	184	63597	62.138	ng	98
55)	Dibenzofuran	10.122	168	592400	61.680	ng	98
56)	4-Nitrophenol	10.033	139	80163	59.812	ng	97
57)	2,4-Dinitrotoluene	10.104	165	142910	62.984	ng	97
58)	Fluorene	10.469	166	435687	59.664	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.239	232	140953	65.569	ng	97
60)	Diethylphthalate	10.333	149	468931	60.755	ng	98
61)	4-Chlorophenyl-phenyle...	10.457	204	249857	60.068	ng	97
62)	4-Nitroaniline	10.486	138	109153	61.862	ng	97
63)	Azobenzene	10.616	77	453890	63.187	ng	99
65)	4,6-Dinitro-2-methylph...	10.516	198	90823	62.727	ng	97
66)	n-Nitrosodiphenylamine	10.574	169	421720	61.520	ng	99
67)	4-Bromophenyl-phenylether	10.951	248	170395	62.634	ng	99
68)	Hexachlorobenzene	11.016	284	204258	63.744	ng	96
69)	Atrazine	11.104	200	134002	61.467	ng	100
70)	Pentachlorophenol	11.216	266	103466	64.842	ng	99
71)	Phenanthrene	11.433	178	641461	60.448	ng	99
72)	Anthracene	11.486	178	656819	60.871	ng	100
73)	Carbazole	11.639	167	546322	59.542	ng	100
74)	Di-n-butylphthalate	11.969	149	677444	61.075	ng	99
75)	Fluoranthene	12.627	202	667021	60.849	ng	99
77)	Benzidine	12.745	184	277725	64.368	ng	100
78)	Pyrene	12.857	202	686663	58.384	ng	100
80)	Butylbenzylphthalate	13.468	149	249274	61.152	ng	100
81)	Benzo(a)anthracene	14.051	228	653341	64.625	ng	100
82)	3,3'-Dichlorobenzidine	14.010	252	232807	67.182	ng	96
83)	Chrysene	14.086	228	580449	62.196	ng	98
84)	Bis(2-ethylhexyl)phtha...	14.027	149	351501	62.991	ng	98
85)	Di-n-octyl phthalate	14.645	149	631065	65.547	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.056	276	938738	63.557	ng	100
88)	Benzo(b)fluoranthene	15.109	252	700099	59.849	ng	99
89)	Benzo(k)fluoranthene	15.139	252	699851	63.919	ng	98
90)	Benzo(a)pyrene	15.480	252	680720	63.078	ng	99
91)	Dibenzo(a,h)anthracene	17.074	278	746544	62.936	ng	98
92)	Benzo(g,h,i)perylene	17.515	276	757880	64.699	ng	98

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

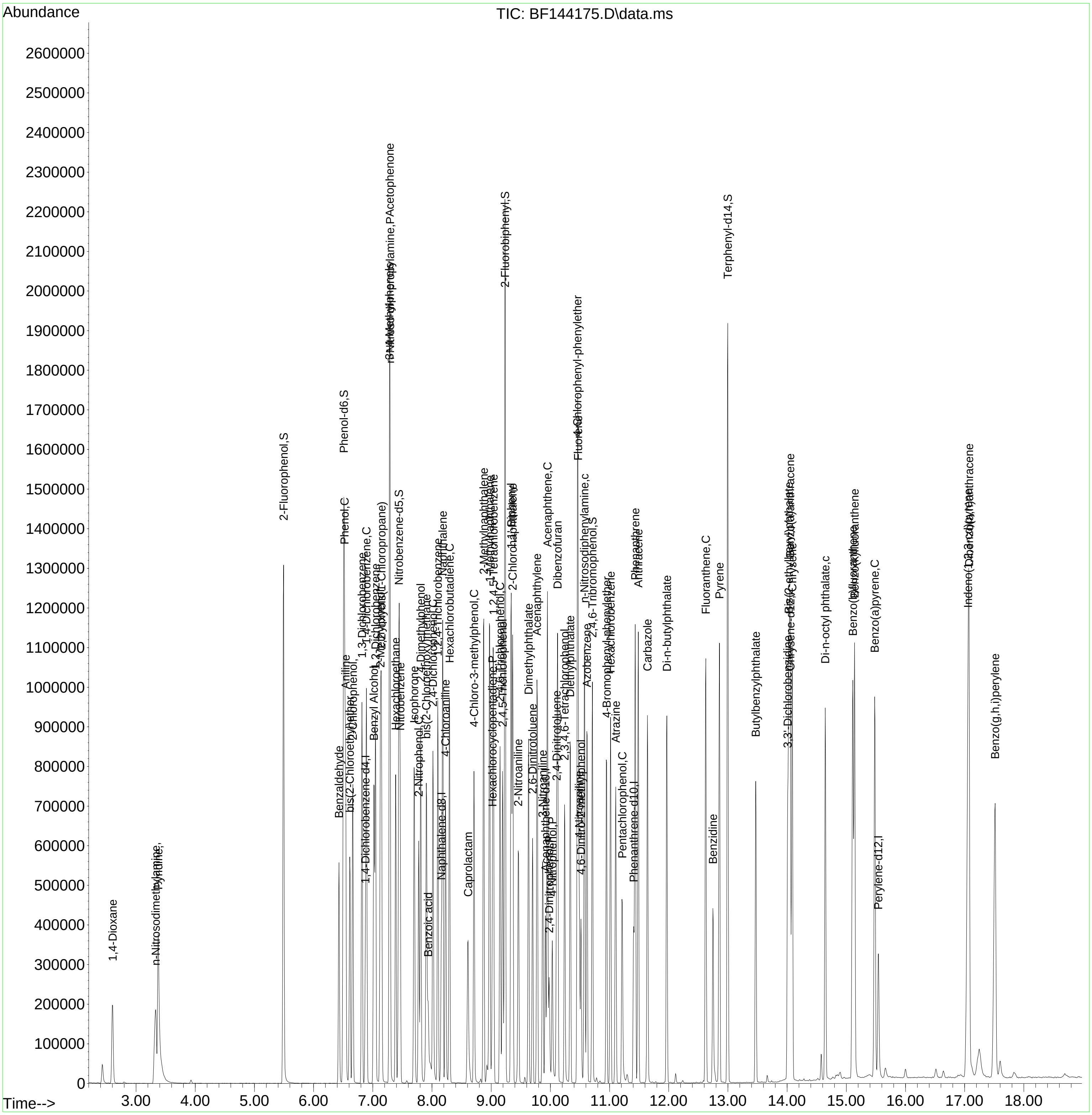
Quantitation Report (QT Reviewed)

ICAL Form

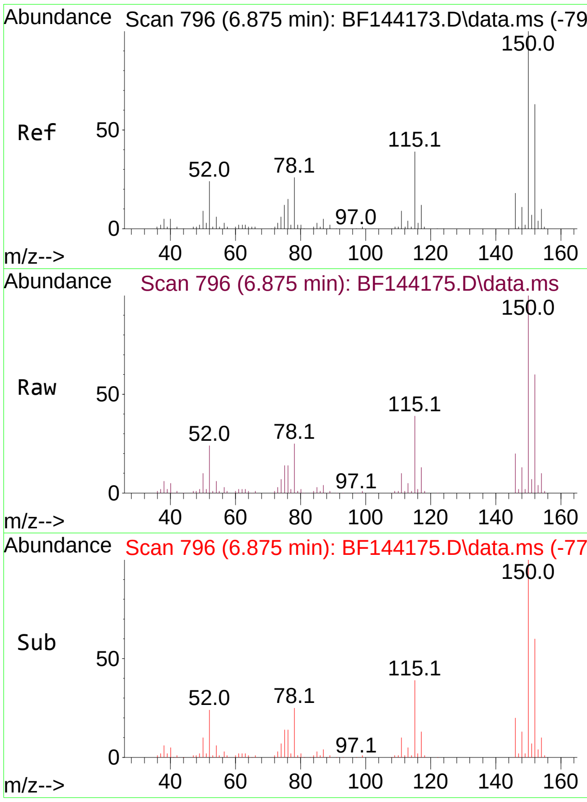
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144175.D
Acq On : 05 Nov 2025 16:19
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Nov 05 17:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



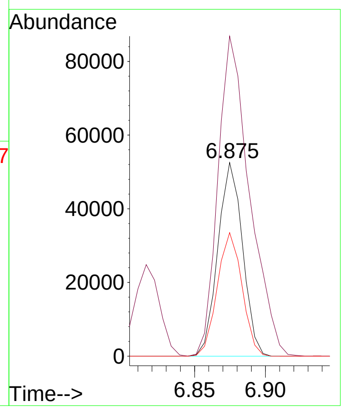
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

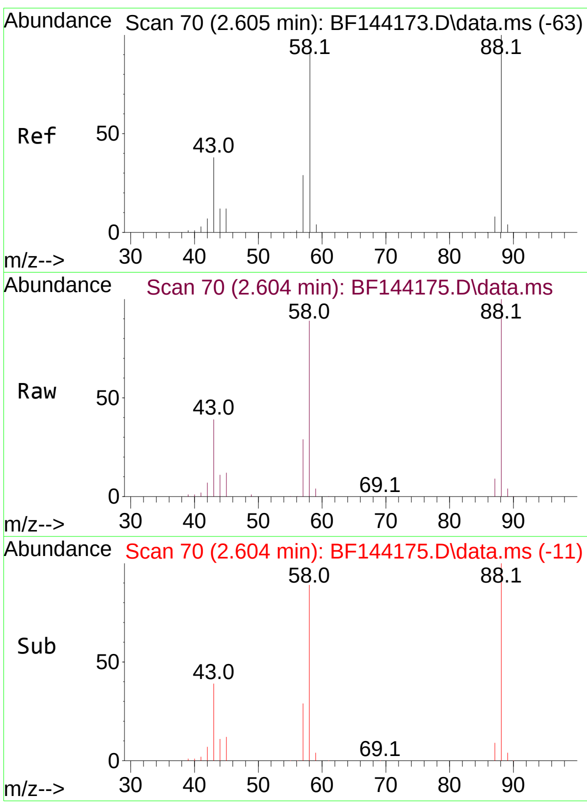


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:152 Resp: 63801

Ion	Ratio	Lower	Upper
152	100		
150	165.3	127.4	191.0
115	63.8	49.5	74.3

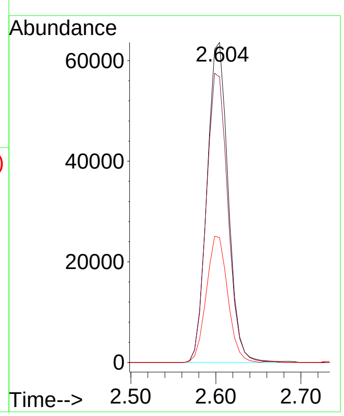




#2
1,4-Dioxane
Concen: 65.106 ng
RT: 2.604 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

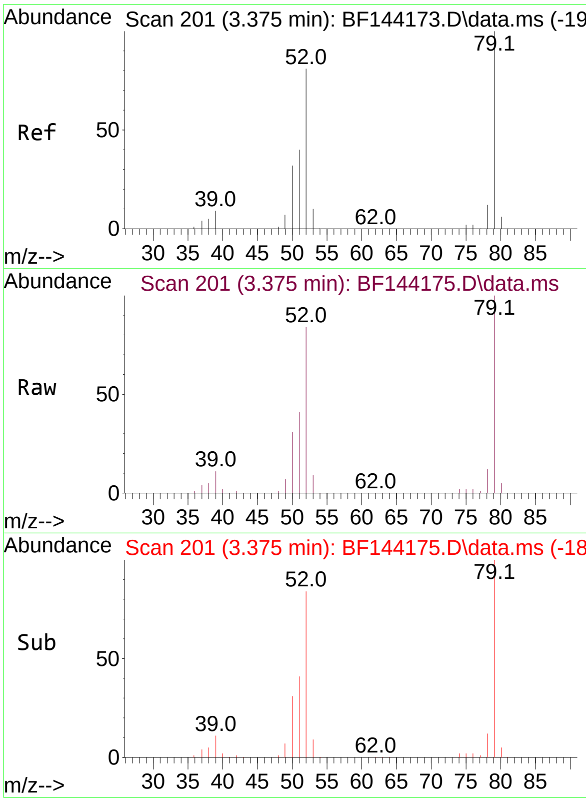
Tgt Ion: 88 Resp: 109742

Ion	Ratio	Lower	Upper
88	100		
58	92.2	73.1	109.7
43	39.9	31.0	46.6



ICAL Form

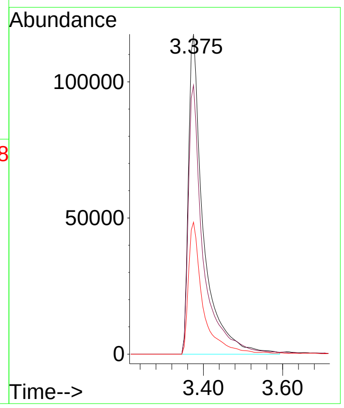
Instrument : BNA_F
ClientSampleId : SSTDICC060

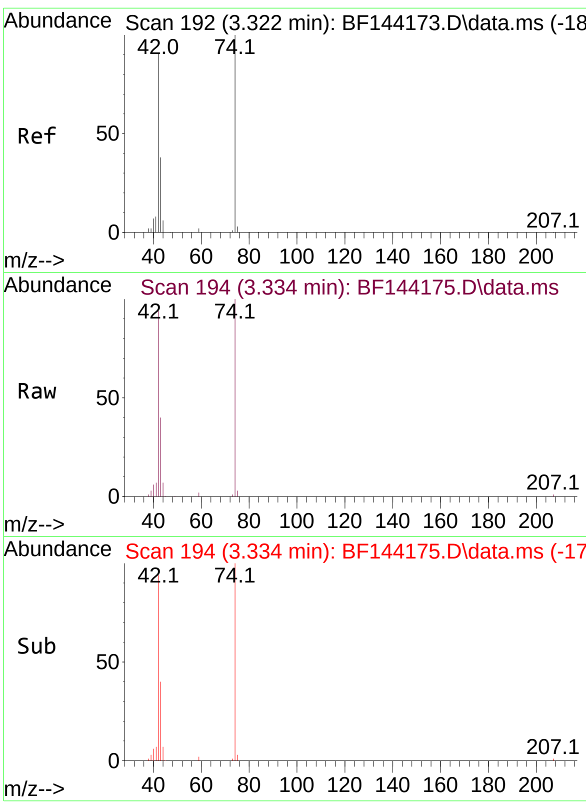


#3
Pyridine
Concen: 65.424 ng
RT: 3.375 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 79 Resp: 307664

Ion	Ratio	Lower	Upper
79	100		
52	84.0	64.5	96.7
51	41.2	31.7	47.5

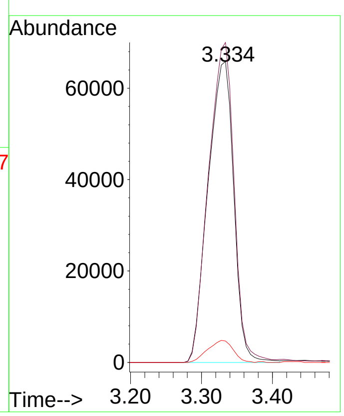




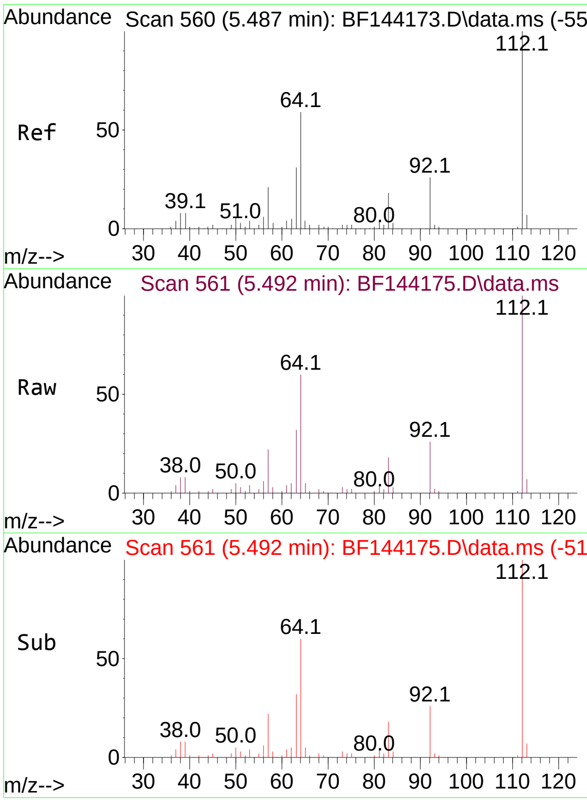
#4
n-Nitrosodimethylamine
Concen: 67.619 ng
RT: 3.334 min Scan# 194
Delta R.T. -0.012 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 42 Resp: 166098

Ion	Ratio	Lower	Upper
42	100		
74	106.4	88.2	132.4
44	7.1	5.7	8.5

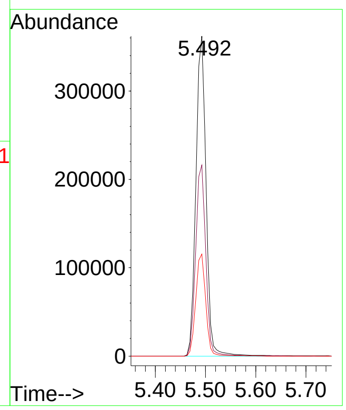


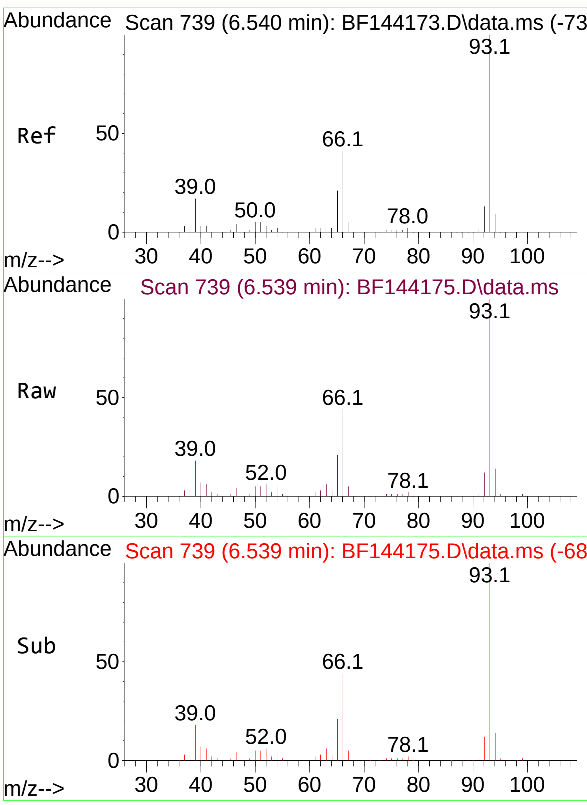
Instrument : BNA_F
ClientSampleId : SSTDICC060




```
#5
2-Fluorophenol
Concen:  124.890 ng
RT:   5.492 min  Scan# 5
Delta R.T.  -0.000 min
Lab File:   BF144175.D
Acq: 05 Nov 2025  16:19

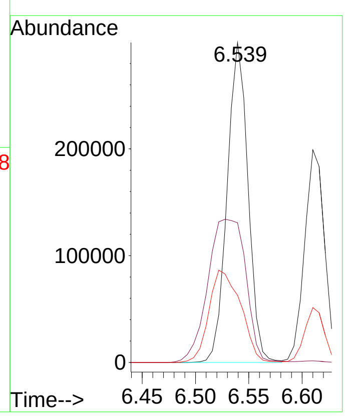
Tgt Ion:112 Resp:  509184
Ion  Ratio  Lower  Upper
112  100
 64   59.7   47.2   70.8
 63   31.9   24.4   36.6
```



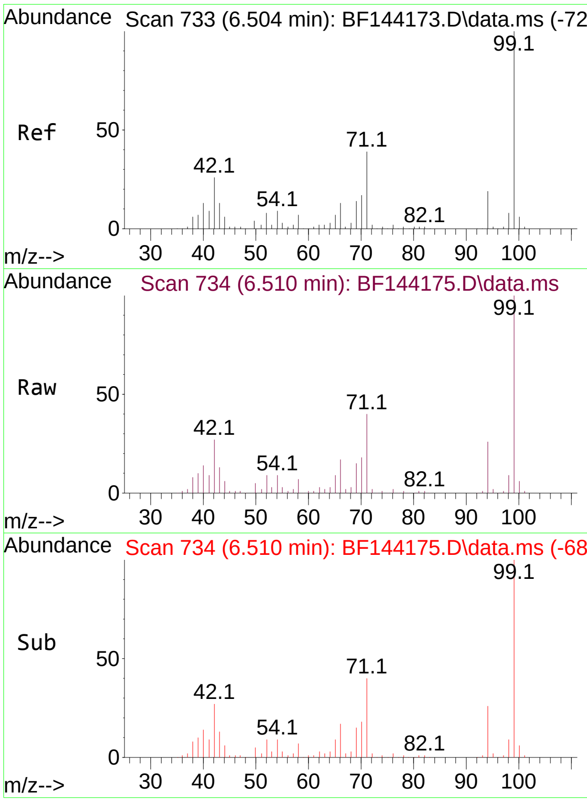



```
#6
Aniline
Concen:   62.194 ng
RT:   6.539 min  Scan# 739
Delta R.T.  -0.006 min
Lab File:   BF144175.D
Acq: 05 Nov 2025  16:19

Tgt Ion: 93 Resp:  409356
Ion  Ratio  Lower  Upper
 93  100
 66   43.6   34.3   51.5
 65   21.0   16.9   25.3
```



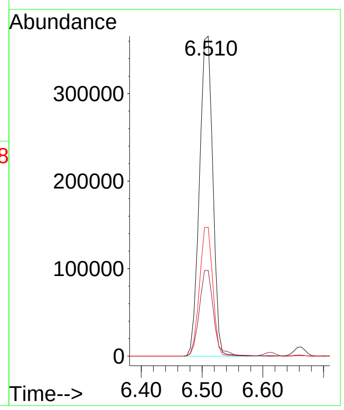
Instrument : BNA_F
ClientSampleId : SSTDICC060

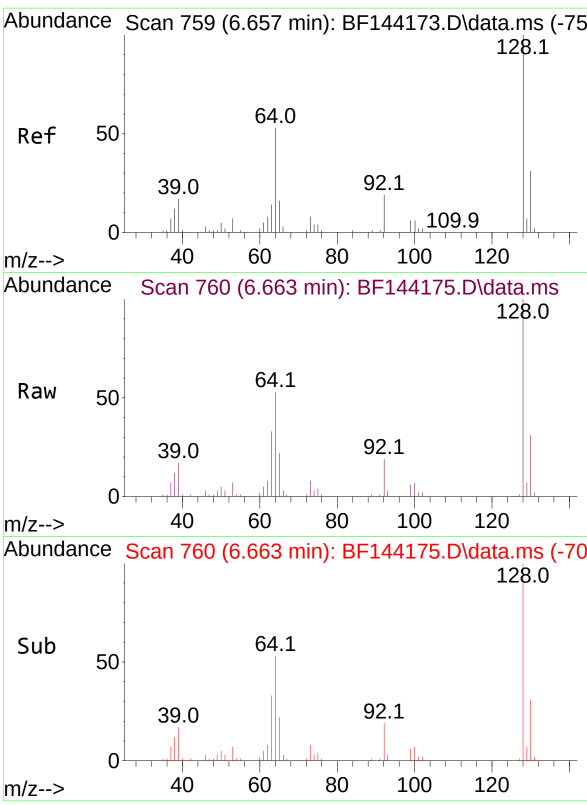


#7
Phenol-d6
Concen: 121.101 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 99 Resp: 559443

Ion	Ratio	Lower	Upper
99	100		
42	26.8	20.9	31.3
71	40.3	31.4	47.2

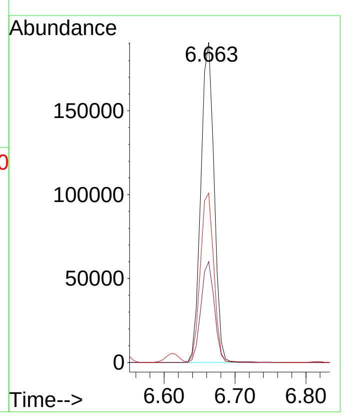


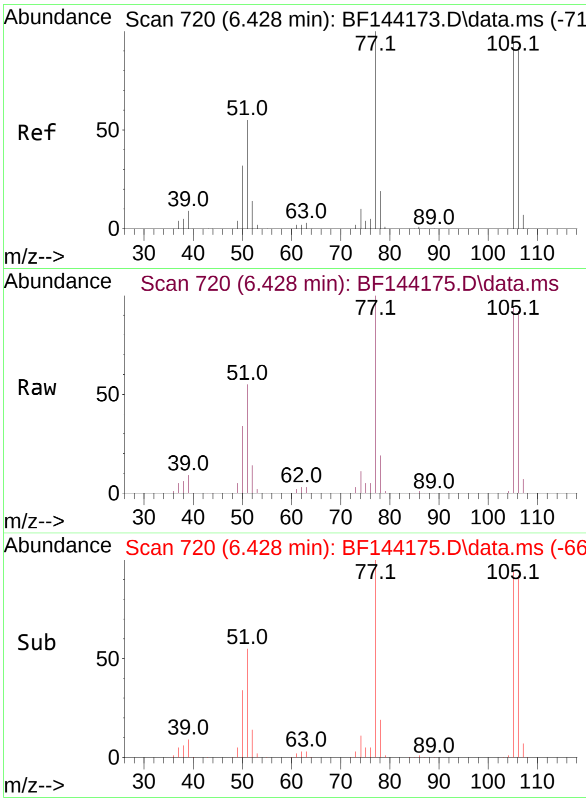


#8
2-Chlorophenol
Concen: 61.902 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:128 Resp: 247503

Ion	Ratio	Lower	Upper
128	100		
130	31.5	10.5	50.5
64	52.9	33.2	73.2



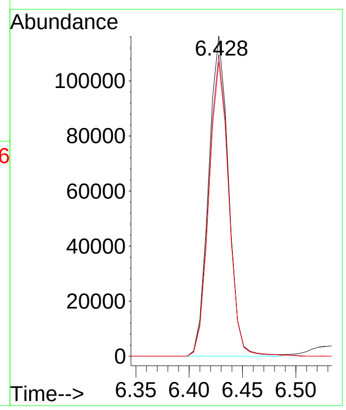


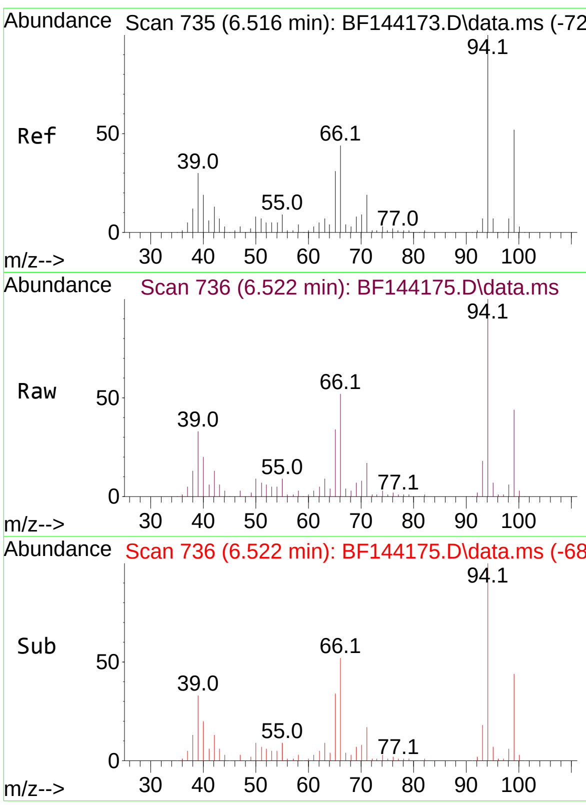
#9
Benzaldehyde
Concen: 57.706 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 150534

Ion	Ratio	Lower	Upper
77	100		
105	94.2	77.2	117.2
106	91.6	72.2	112.2

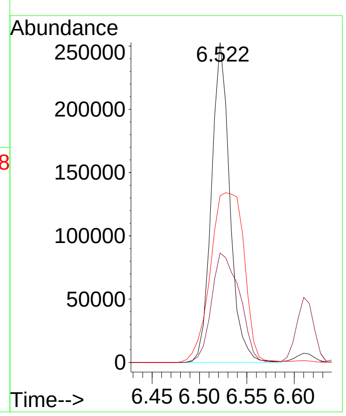




#10
Phenol
Concen: 60.707 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 94 Resp: 342646

Ion	Ratio	Lower	Upper
94	100		
65	34.2	10.8	50.8
66	52.1	24.3	64.3



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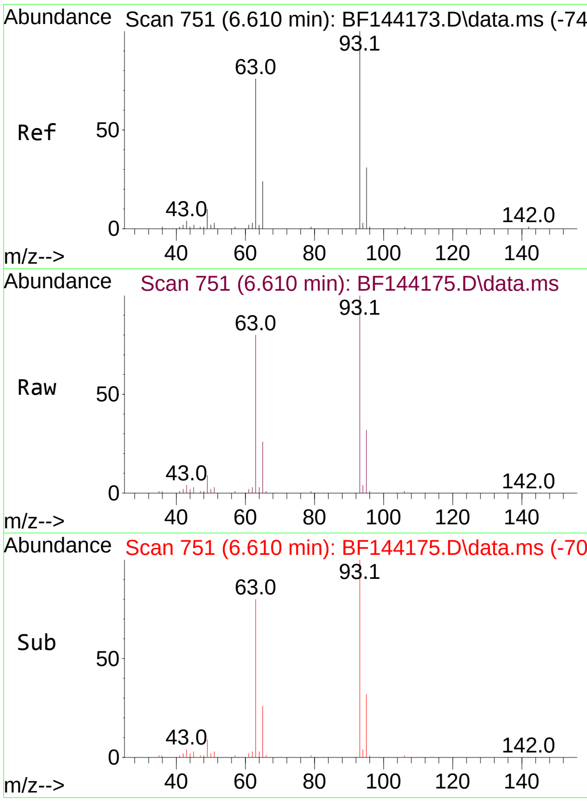


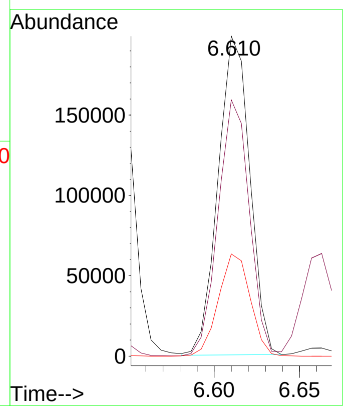
#11
bis(2-Chloroethyl)ether
Concen: 62.405 ng
RT: 6.610 min Scan# 7

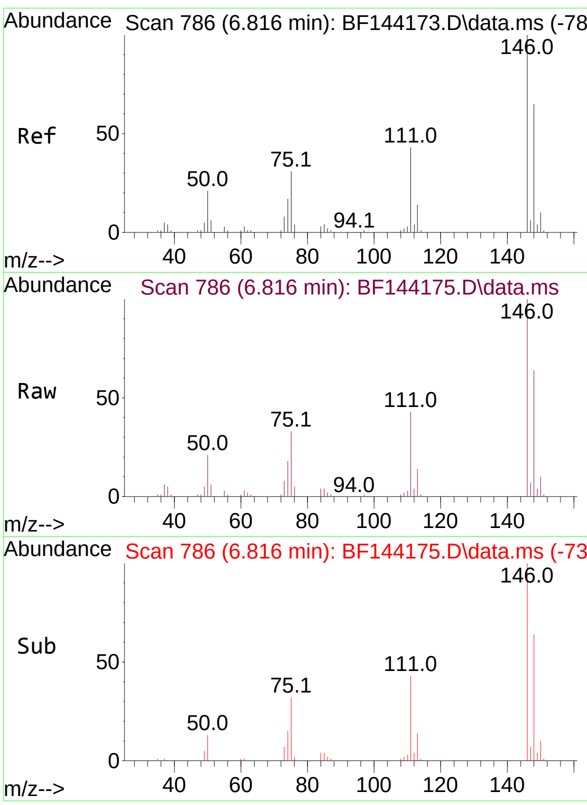
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 93 Resp: 256657

Ion	Ratio	Lower	Upper
93	100		
63	80.1	55.2	95.2
95	31.9	11.2	51.2

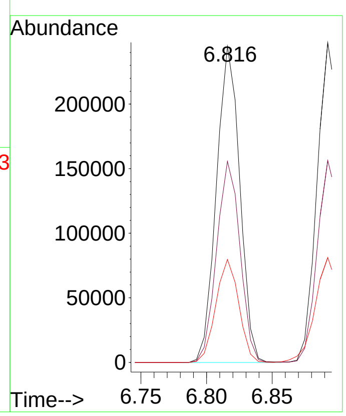




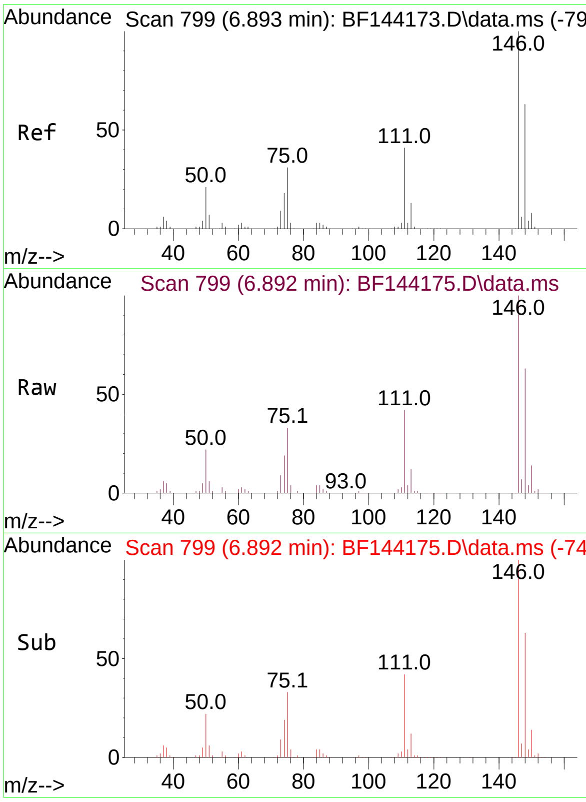
#12
1,3-Dichlorobenzene
Concen: 61.543 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:146 Resp: 303642

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	32.6	25.0	37.4



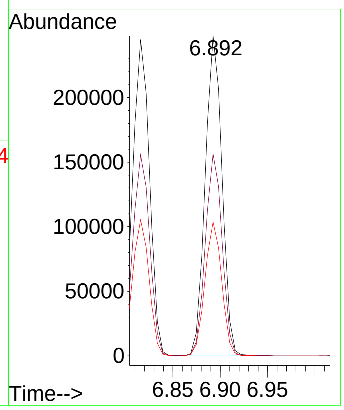
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

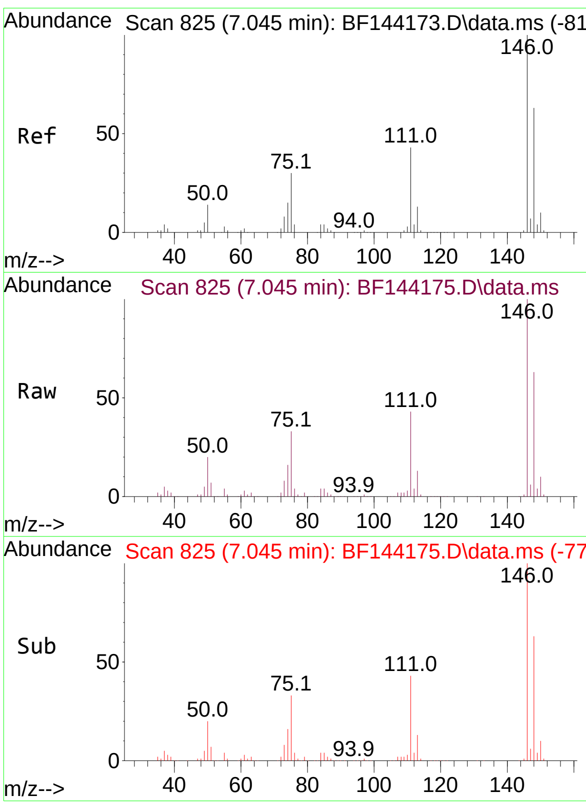


#13
1,4-Dichlorobenzene
Concen: 62.104 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:146 Resp: 306973

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.2	75.2
111	41.8	32.6	48.8

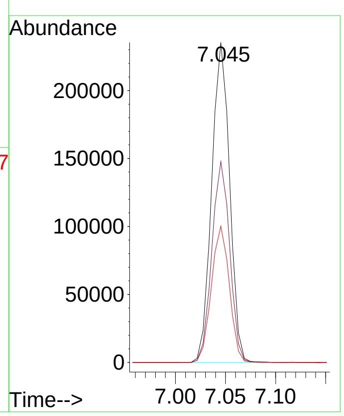




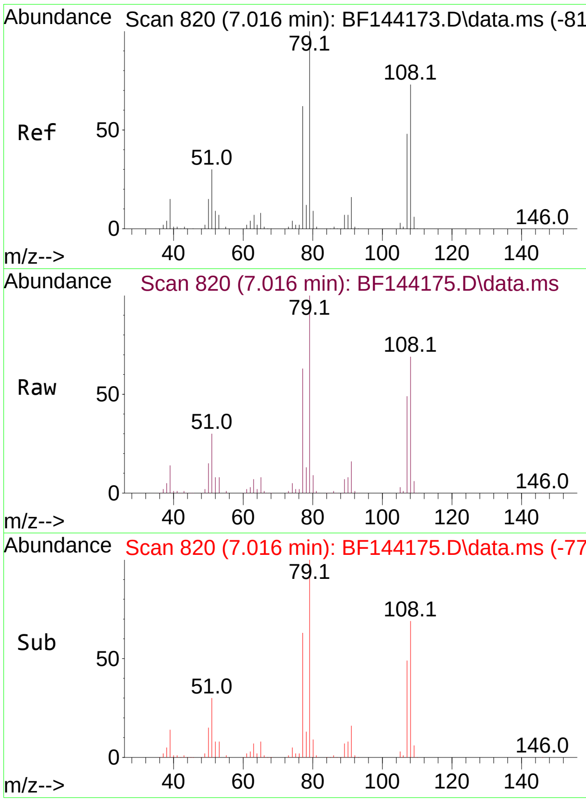
#14
1,2-Dichlorobenzene
Concen: 61.936 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:146 Resp: 293432

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.7	76.1
111	42.6	34.2	51.4



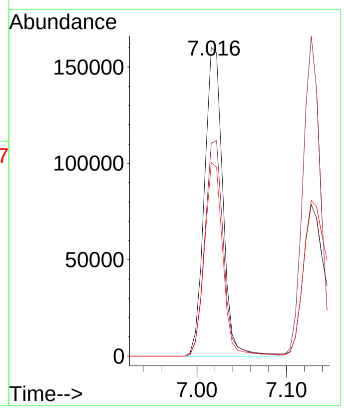
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

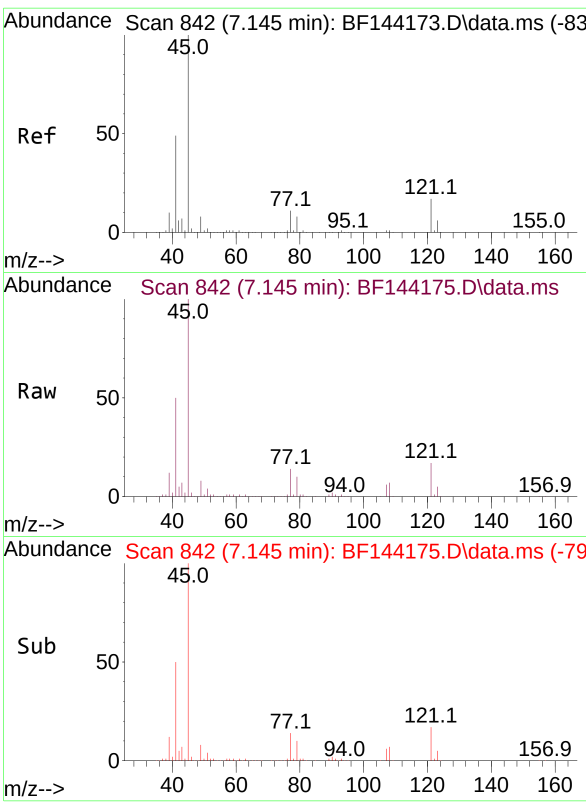


#15
Benzyl Alcohol
Concen: 62.632 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 79 Resp: 229107

Ion	Ratio	Lower	Upper
79	100		
108	69.0	58.2	87.4
77	62.8	49.9	74.9

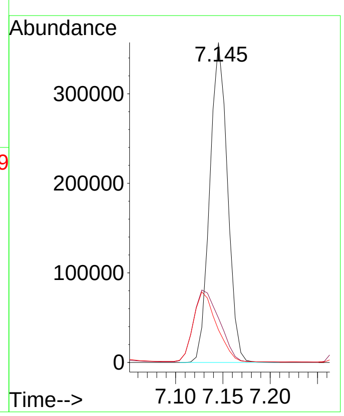




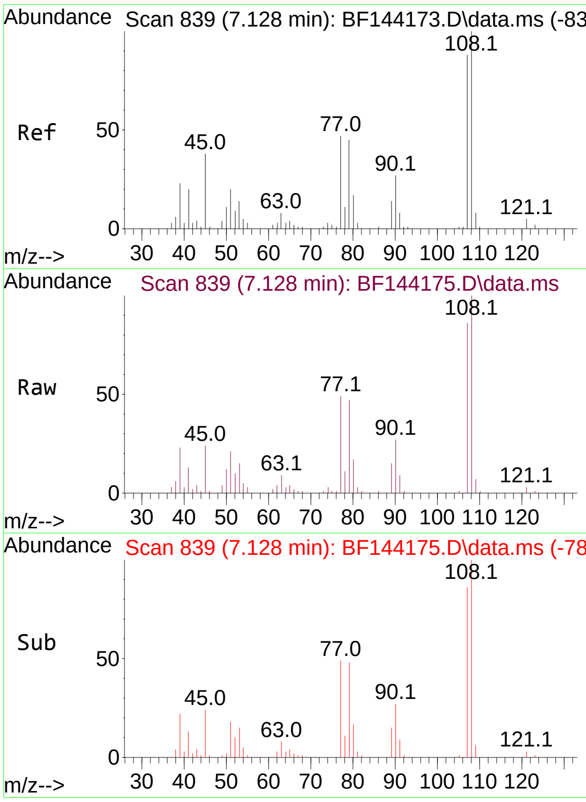
#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.712 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 45 Resp: 467387

Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	31.8
79	10.2	0.0	29.1



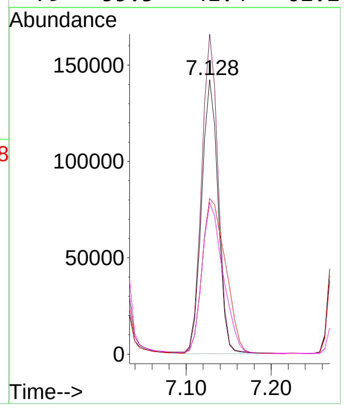
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

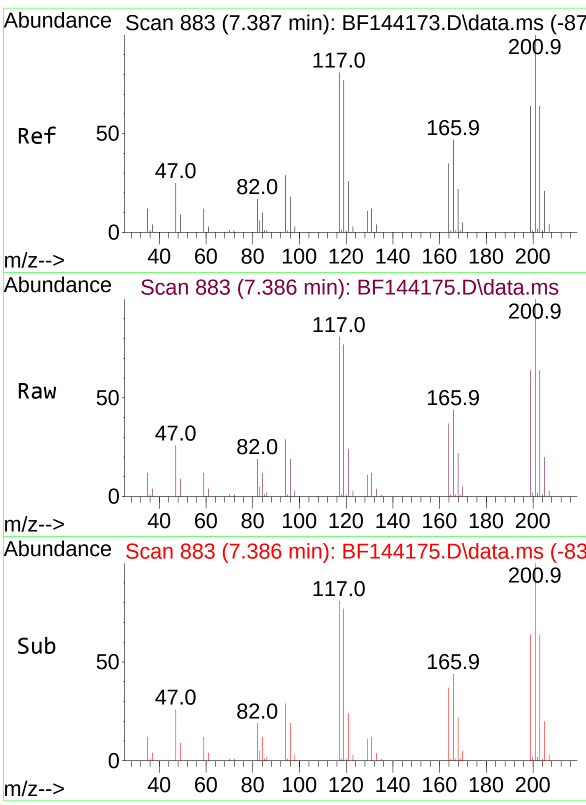


#17
2-Methylphenol
Concen: 60.269 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:107 Resp: 191705

Ion	Ratio	Lower	Upper
107	100		
108	116.6	91.0	136.4
77	56.7	42.7	64.1
79	55.3	41.4	62.2

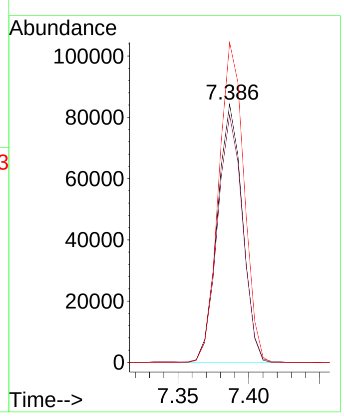




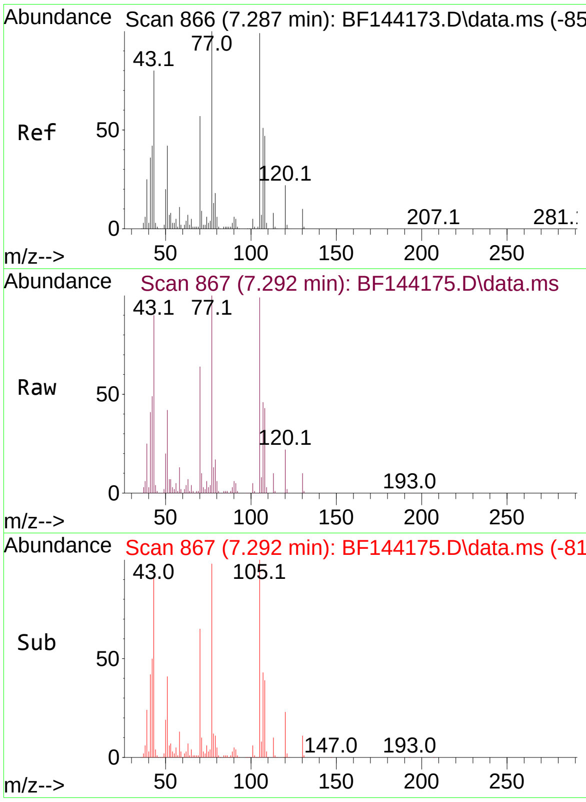
#18
Hexachloroethane
Concen: 63.308 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:117 Resp: 103964

Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	123.9	98.9	148.3



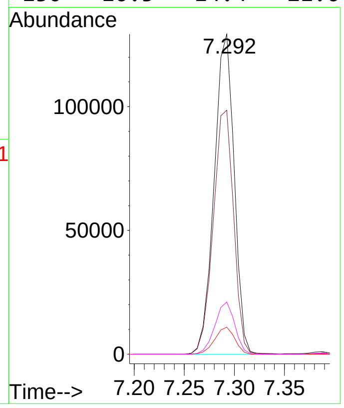
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

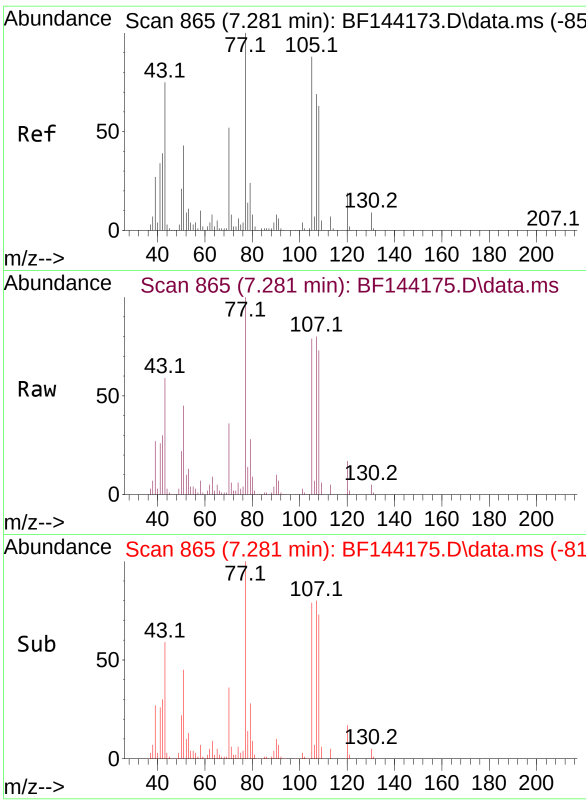


#19
n-Nitroso-di-n-propylamine
Concen: 58.963 ng
RT: 7.292 min Scan# 86
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 70 Resp: 179314

Ion	Ratio	Lower	Upper
70	100		
42	76.2	58.3	87.5
101	8.4	7.0	10.6
130	16.3	14.4	21.6

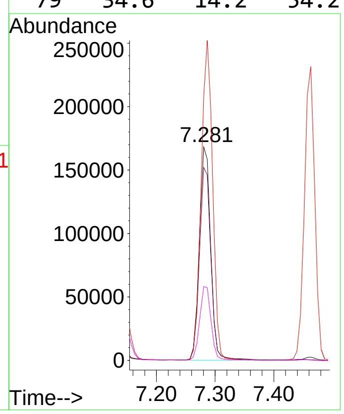




#20
3+4-Methylphenols
Concen: 59.977 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:107 Resp: 224891

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.2	110.2
77	124.2	123.9	163.9
79	34.6	14.2	54.2



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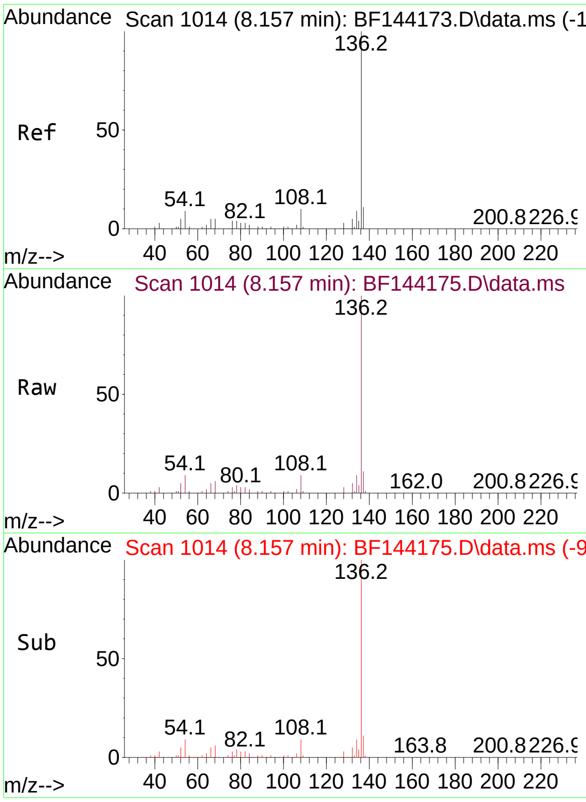
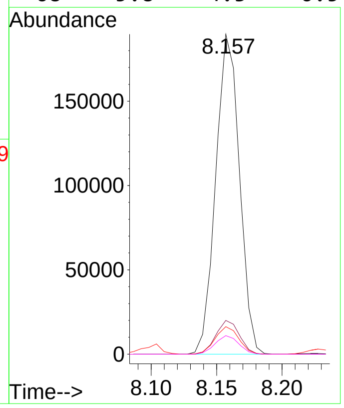
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

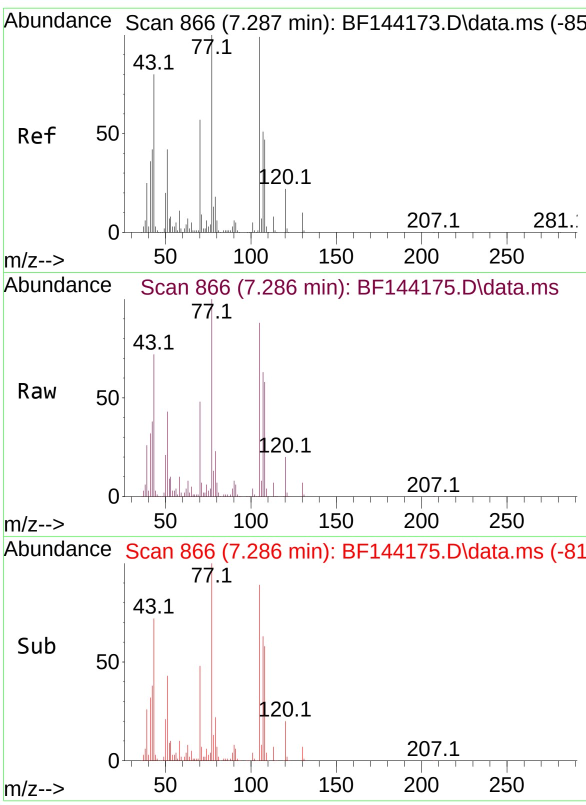


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:136 Resp: 239743

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.6	7.0	10.6
68	5.8	4.3	6.5

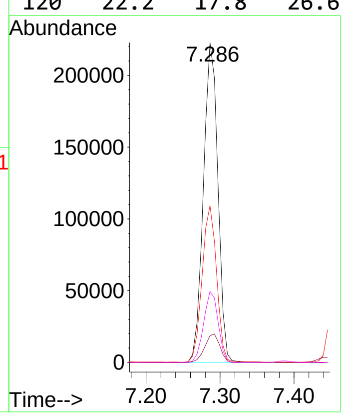


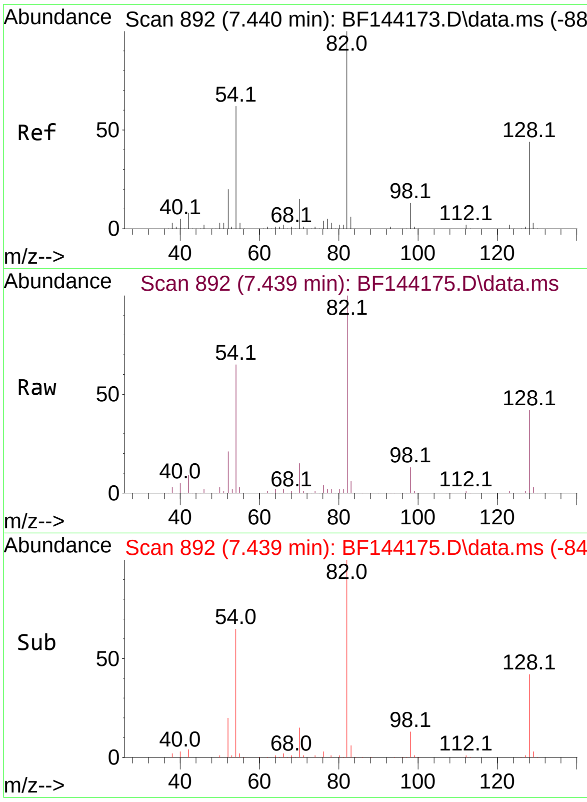


#22
Acetophenone
Concen: 58.897 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:105 Resp: 302907

Ion	Ratio	Lower	Upper
105	100		
71	8.4	7.2	10.8
51	49.0	34.0	51.0
120	22.2	17.8	26.6



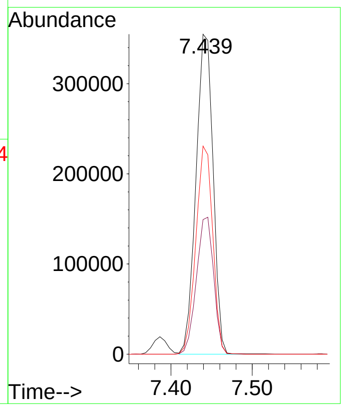


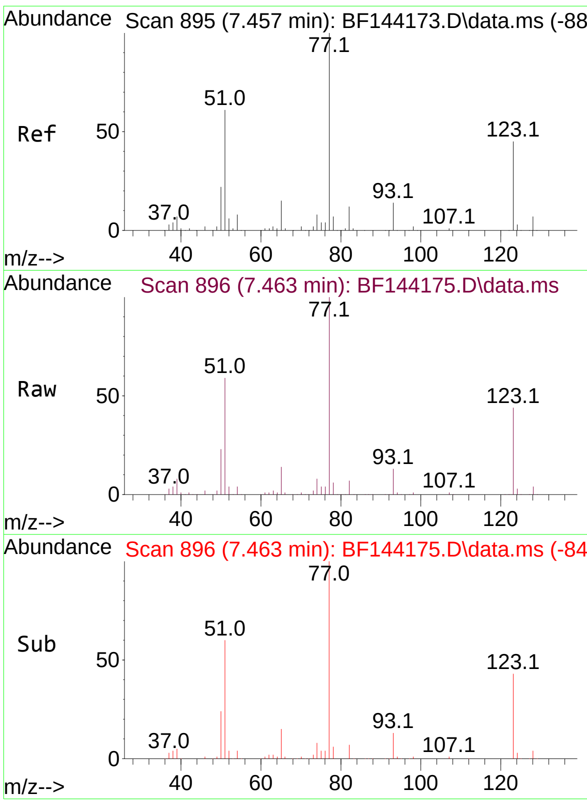
#23
Nitrobenzene-d5
Concen: 125.195 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 519687

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.7	52.1
54	65.1	49.5	74.3

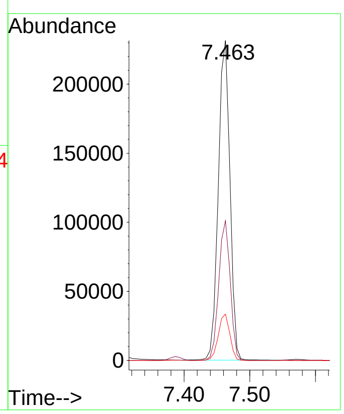




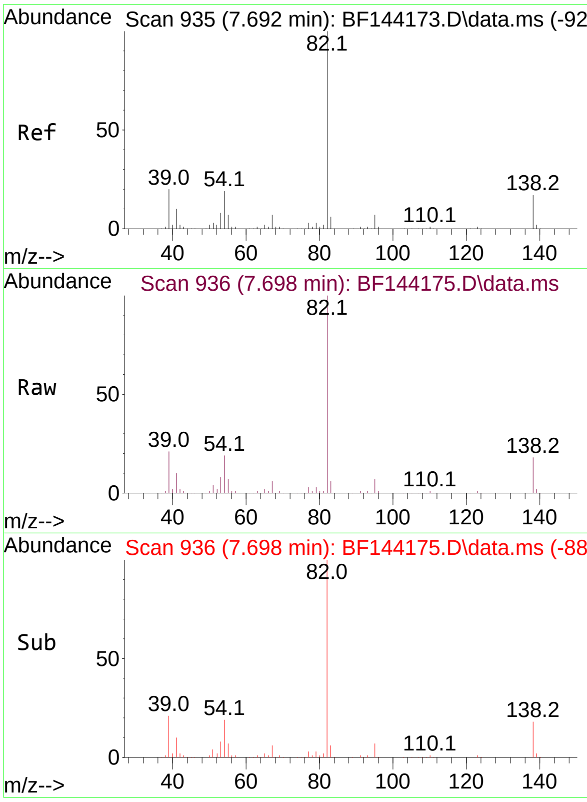
#24
Nitrobenzene
Concen: 63.439 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 77 Resp: 285924

Ion	Ratio	Lower	Upper
77	100		
123	43.6	35.8	53.8
65	14.5	12.2	18.2



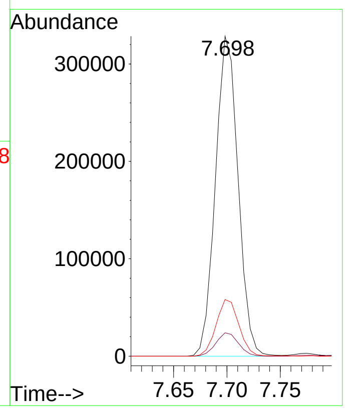
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

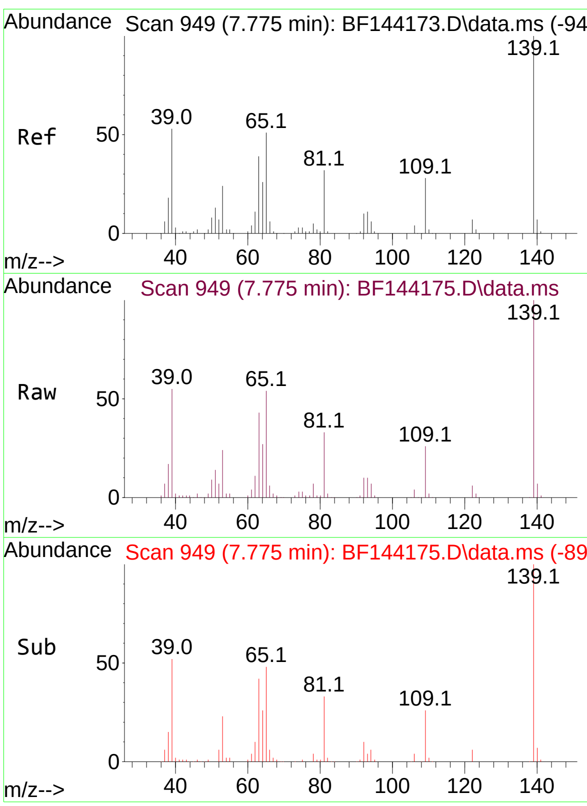


#25
Isophorone
Concen: 61.876 ng
RT: 7.698 min   Scan# 9
Delta R.T.   -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025   16:19

Tgt Ion: 82 Resp: 485836

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.5	8.3
138	17.7	13.7	20.5

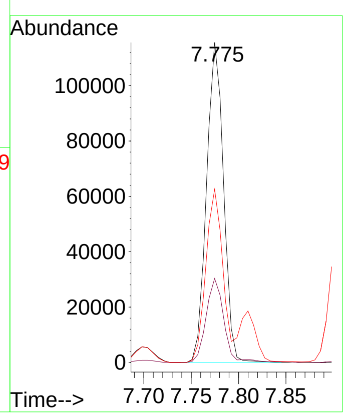


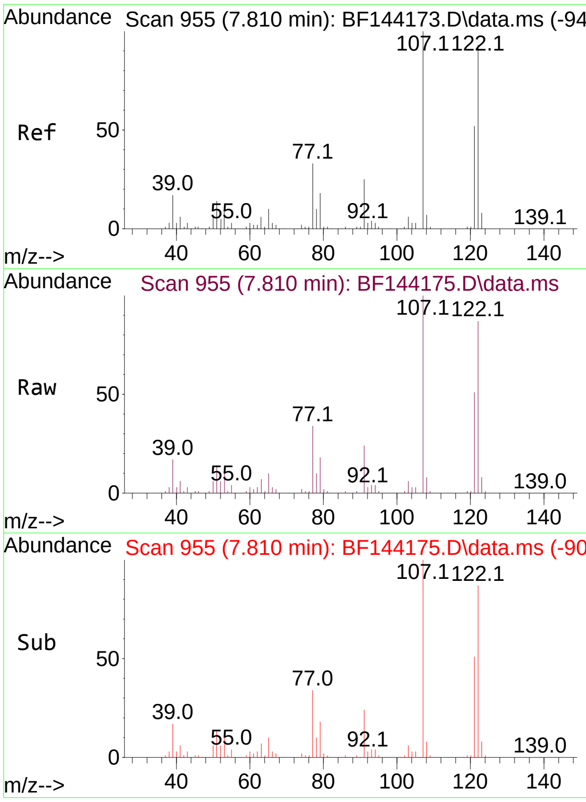


#26
2-Nitrophenol
Concen: 64.606 ng
RT: 7.775 min   Scan# 949
Delta R.T.   -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025   16:19

Tgt Ion:139 Resp: 144140

Ion	Ratio	Lower	Upper
139	100		
109	26.2	22.2	33.2
65	54.1	40.7	61.1





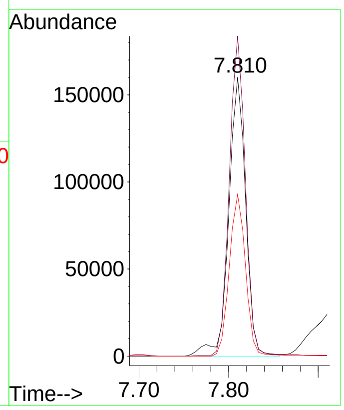
#27
2,4-Dimethylphenol
Concen: 63.471 ng
RT: 7.810 min Scan# 95

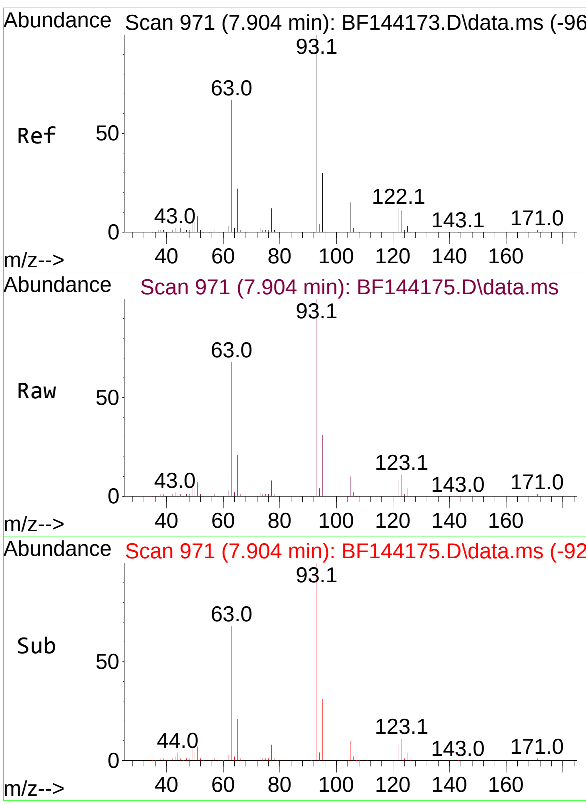
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:122 Resp: 212249

Ion	Ratio	Lower	Upper
122	100		
107	114.7	86.2	129.4
121	58.0	44.6	66.8

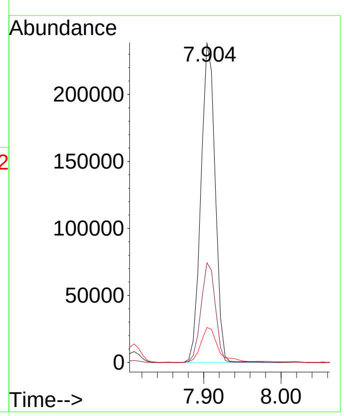




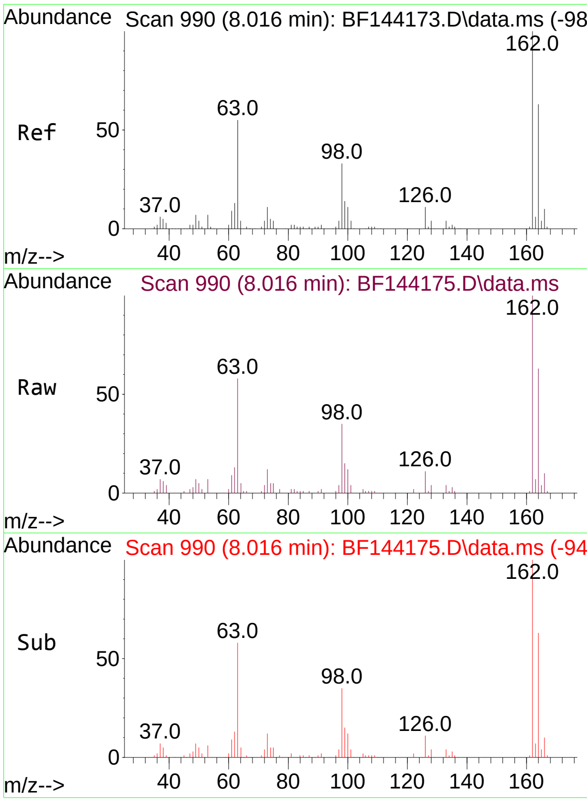
#28
bis(2-Chloroethoxy)methane
Concen: 62.085 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 93 Resp: 304411

Ion	Ratio	Lower	Upper
93	100		
95	31.1	24.2	36.4
123	10.9	9.0	13.4



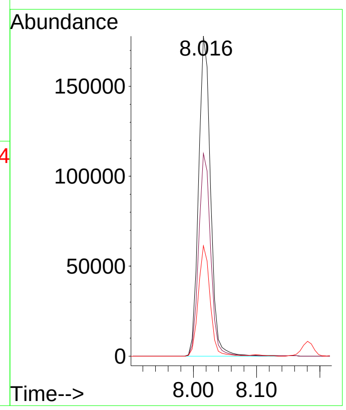
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

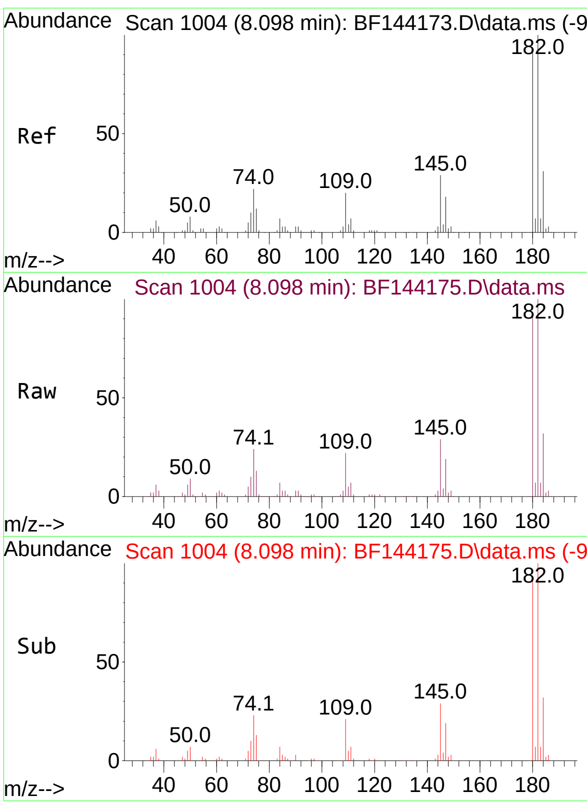


#29
2,4-Dichlorophenol
Concen: 60.899 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:162 Resp: 234718

Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.9	82.9
98	34.5	13.3	53.3

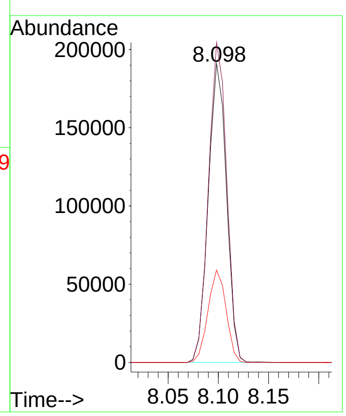




#30
1,2,4-Trichlorobenzene
Concen: 60.858 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:180 Resp: 240858

Ion	Ratio	Lower	Upper
180	100		
182	107.0	87.7	131.5
145	30.9	25.4	38.0



Instrument :
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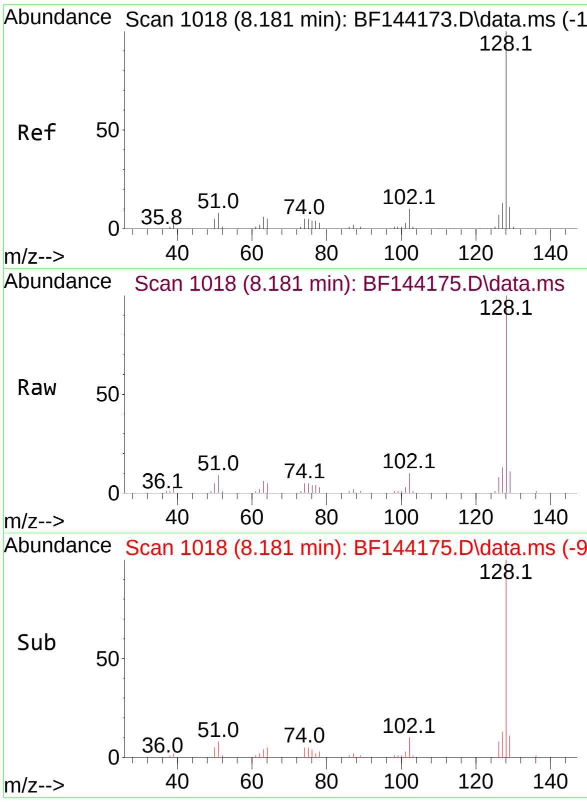
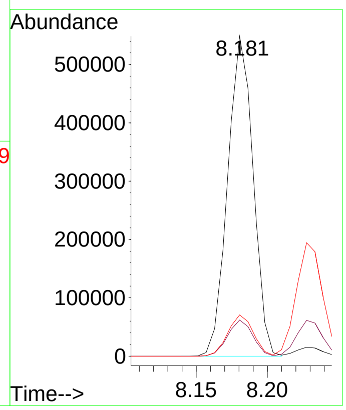
ClientSampleId :
SSTDICC060

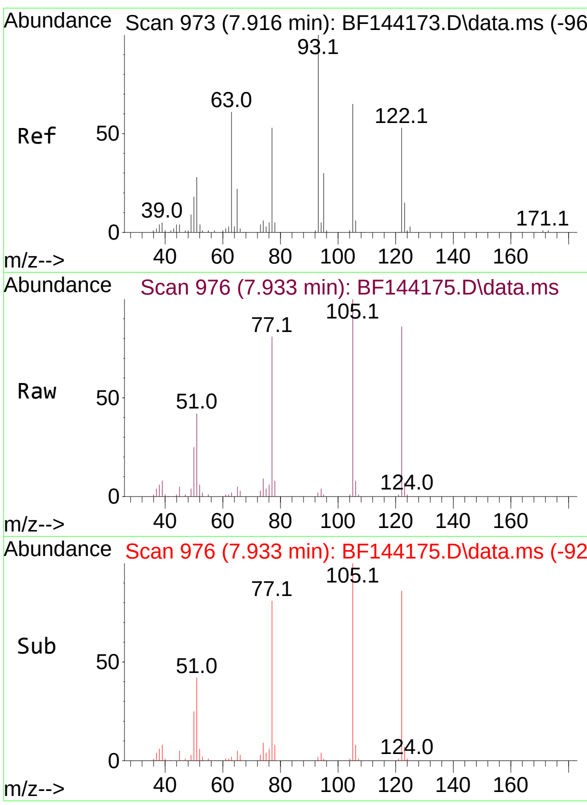


#31
Naphthalene
Concen: 60.028 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:128 Resp: 684579

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	12.9	10.3	15.5

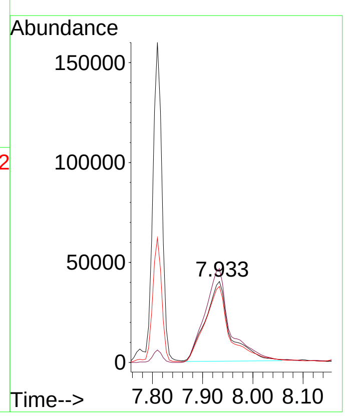




#32
Benzoic acid
Concen: 55.761 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:122 Resp: 136682

Ion	Ratio	Lower	Upper
122	100		
105	115.8	99.9	139.9
77	93.8	77.5	117.5



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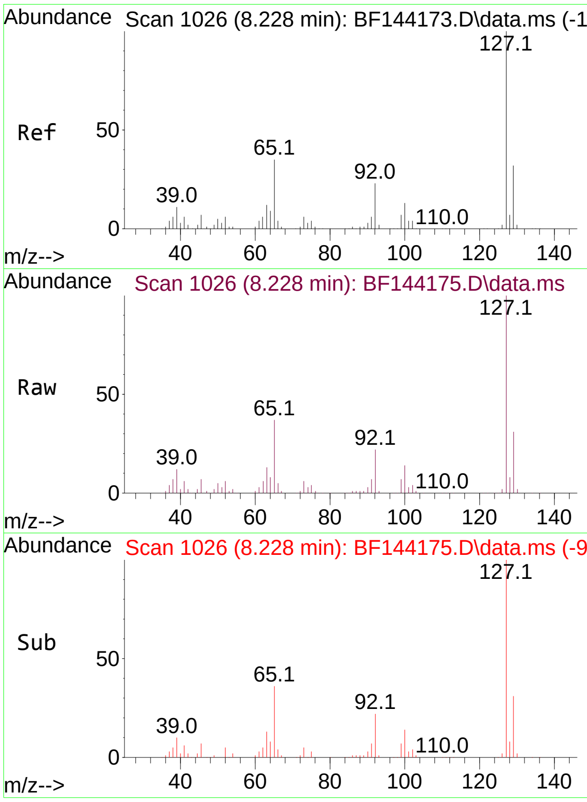
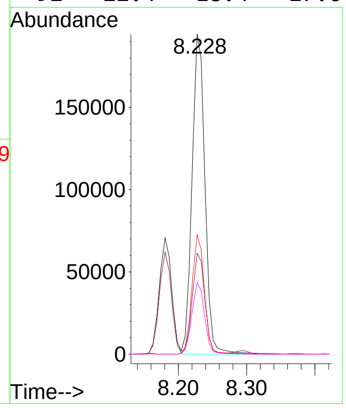


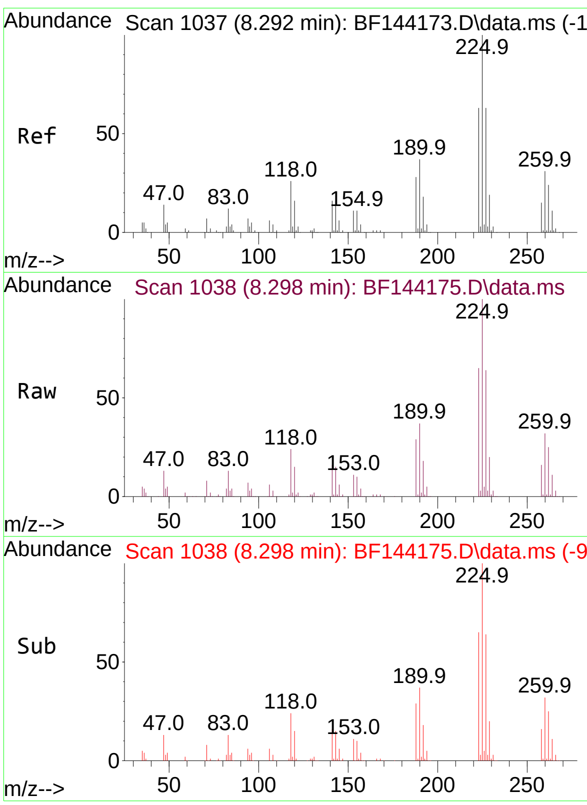
#33
4-Chloroaniline
Concen: 61.441 ng
RT: 8.228 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 255554

Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.3	37.9
65	37.2	27.6	41.4
92	22.4	18.4	27.6

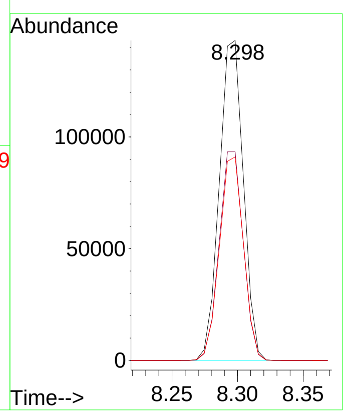




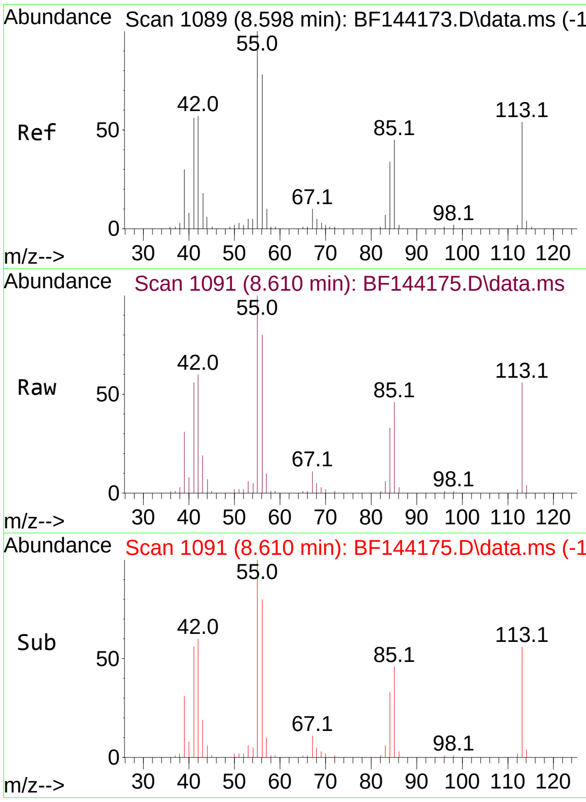
#34
Hexachlorobutadiene
Concen: 61.229 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:225 Resp: 182626

Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.2	75.4
227	63.6	50.1	75.1



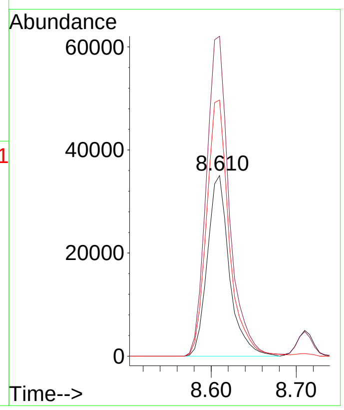
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

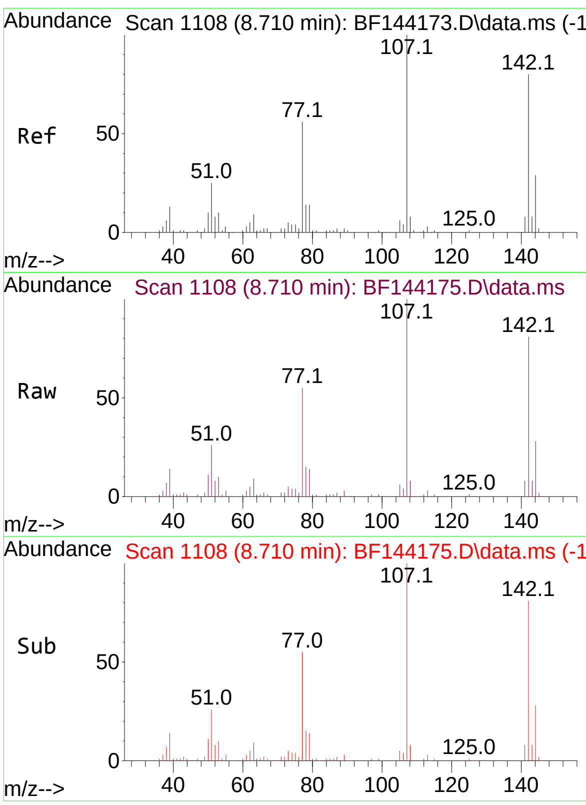


#35
Caprolactam
Concen: 59.512 ng
RT: 8.610 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:113 Resp: 62840

Ion	Ratio	Lower	Upper
113	100		
55	177.2	166.8	206.8
56	141.8	125.9	165.9

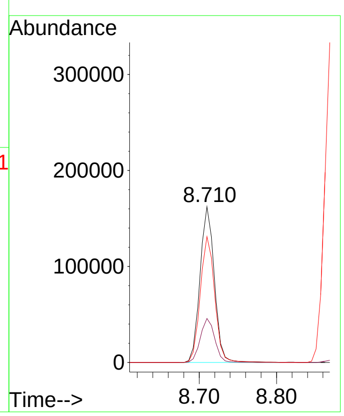




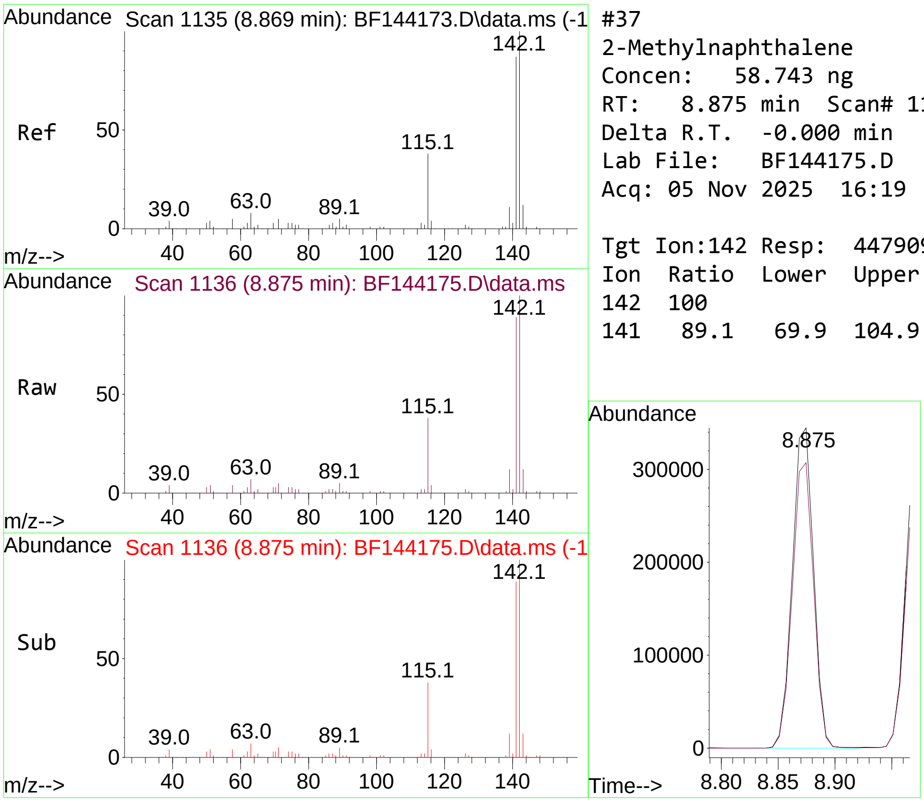
#36
4-Chloro-3-methylphenol
Concen: 60.481 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:107 Resp: 208910

Ion	Ratio	Lower	Upper
107	100		
144	28.2	23.3	34.9
142	80.8	63.8	95.6



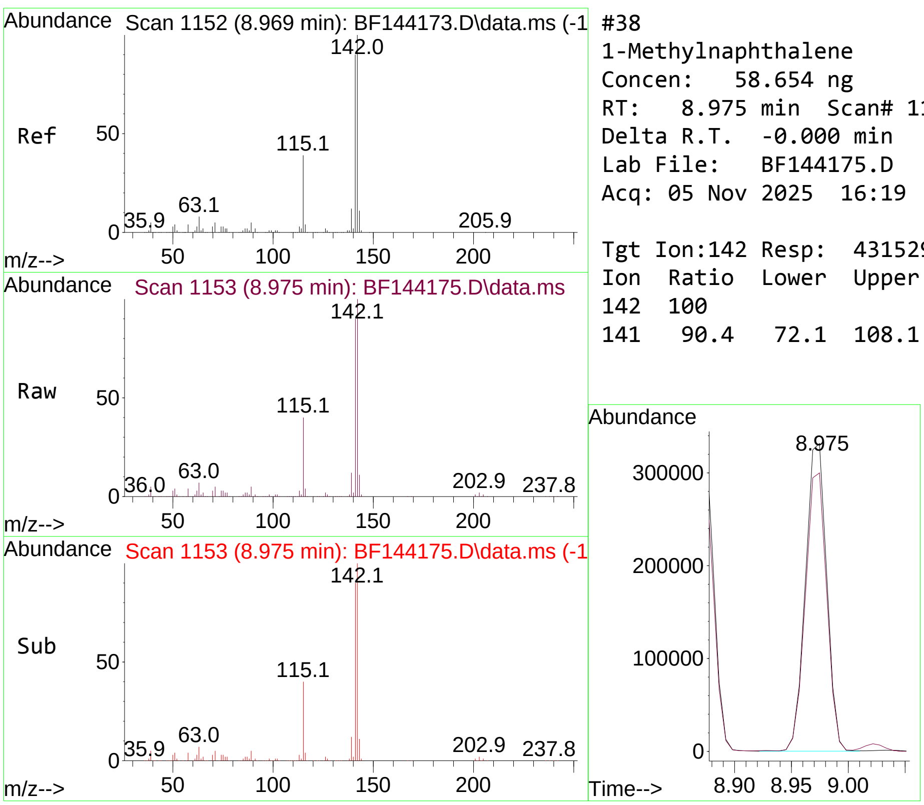
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



#37
2-Methylnaphthalene
Concen: 58.743 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:142 Resp: 447909

Ion	Ratio	Lower	Upper
142	100		
141	89.1	69.9	104.9



#38
1-Methylnaphthalene
Concen: 58.654 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:142 Resp: 431529

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.1	108.1

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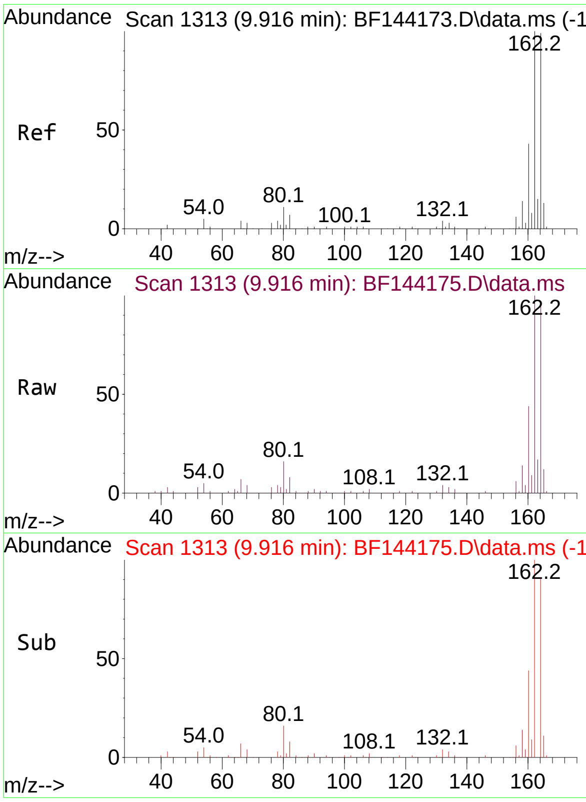
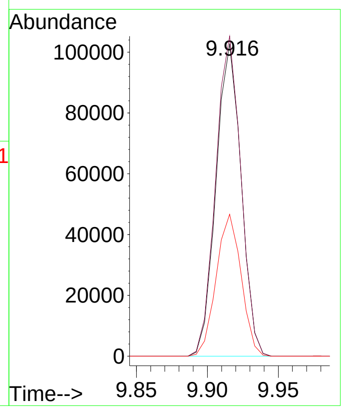
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

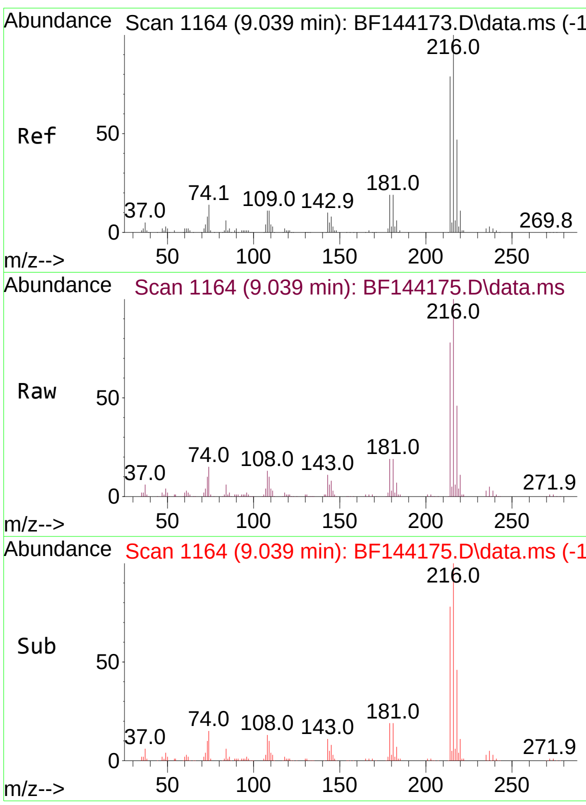


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 13
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:164 Resp: 126385

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.1	121.7
160	45.5	34.5	51.7

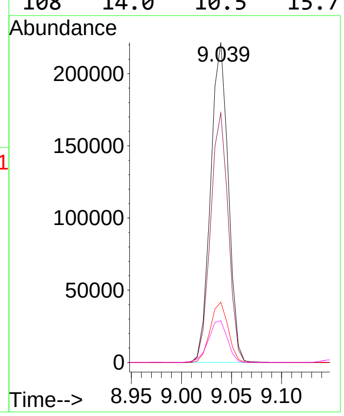




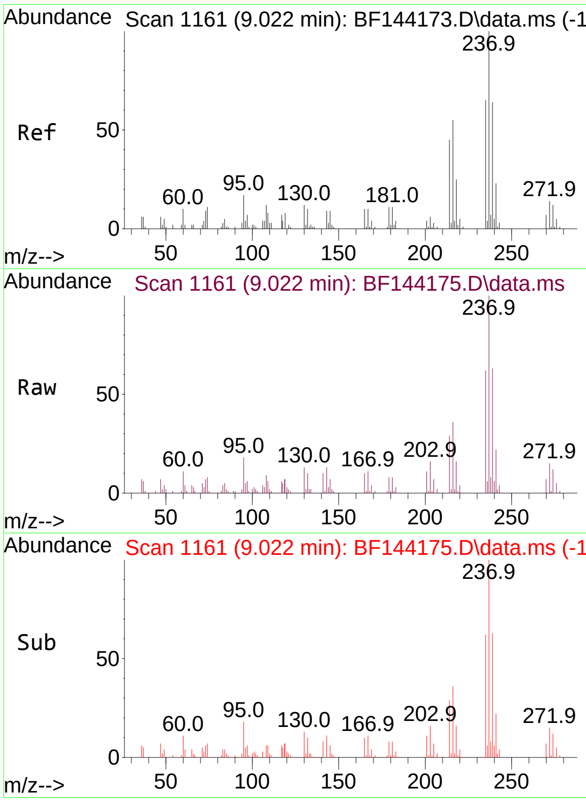
#40
1,2,4,5-Tetrachlorobenzene
Concen: 65.549 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:216 Resp: 271508

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.4	95.2
179	19.0	15.0	22.4
108	14.0	10.5	15.7



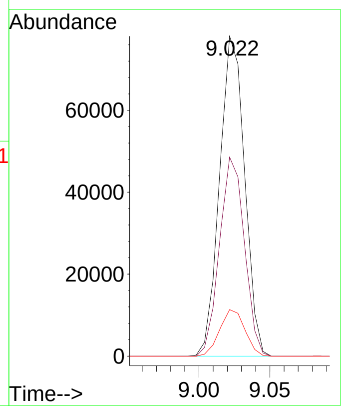
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

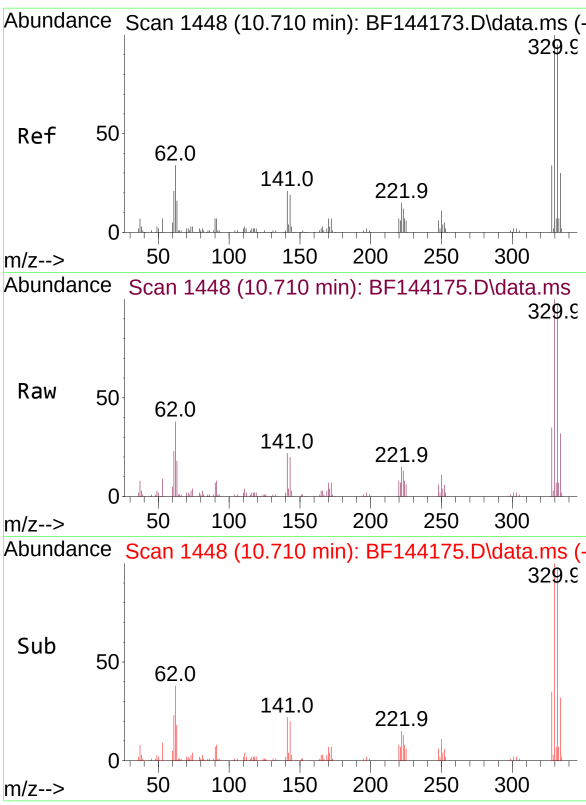


#41
Hexachlorocyclopentadiene
Concen: 64.419 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:237 Resp: 95909

Ion	Ratio	Lower	Upper
237	100		
235	62.2	45.5	85.5
272	14.5	0.0	33.5

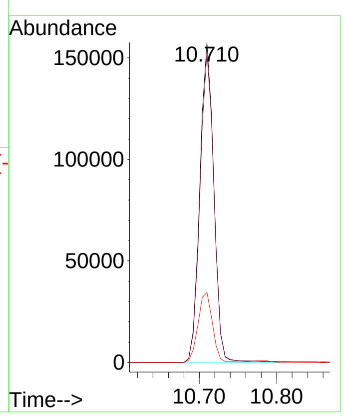




#42
2,4,6-Tribromophenol
Concen: 124.986 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:330 Resp: 198226

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	22.5	17.8	26.8



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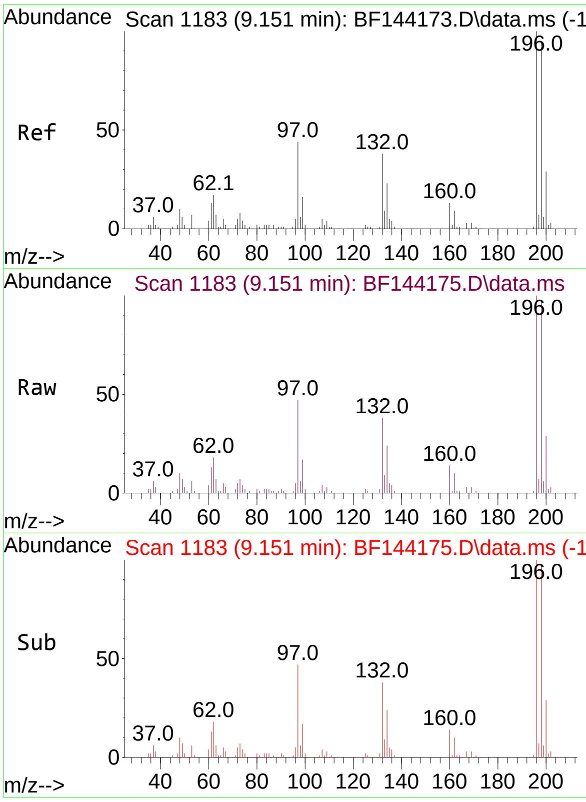
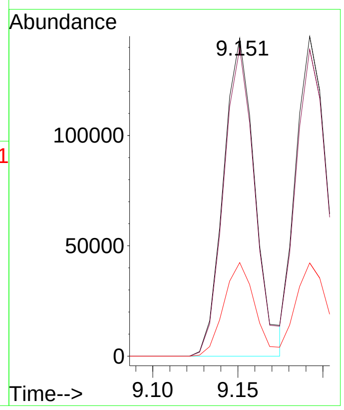
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

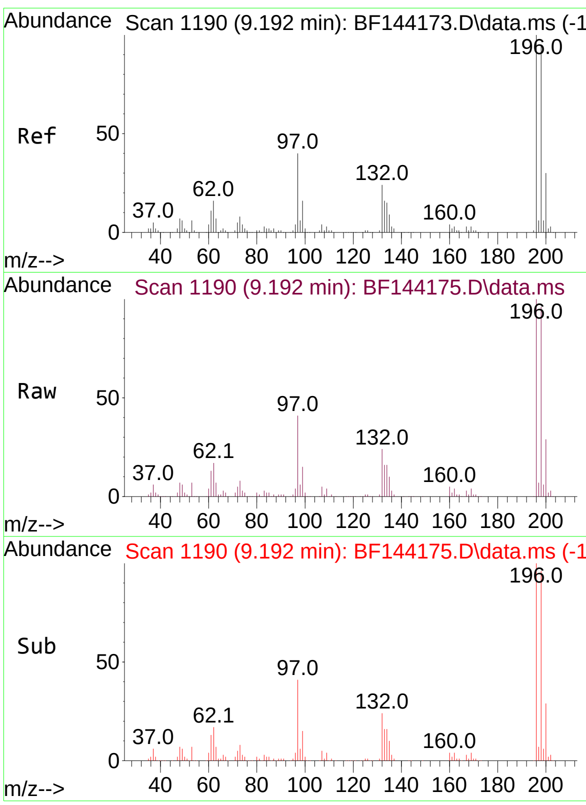


#43
2,4,6-Trichlorophenol
Concen: 65.769 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:196 Resp: 185412

Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.3	112.9
200	29.4	23.4	35.2

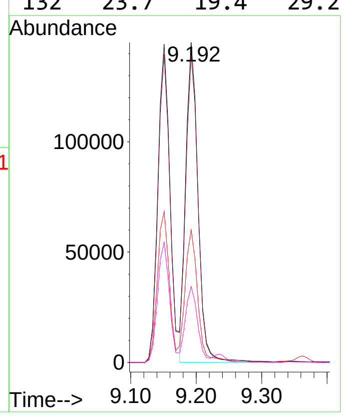




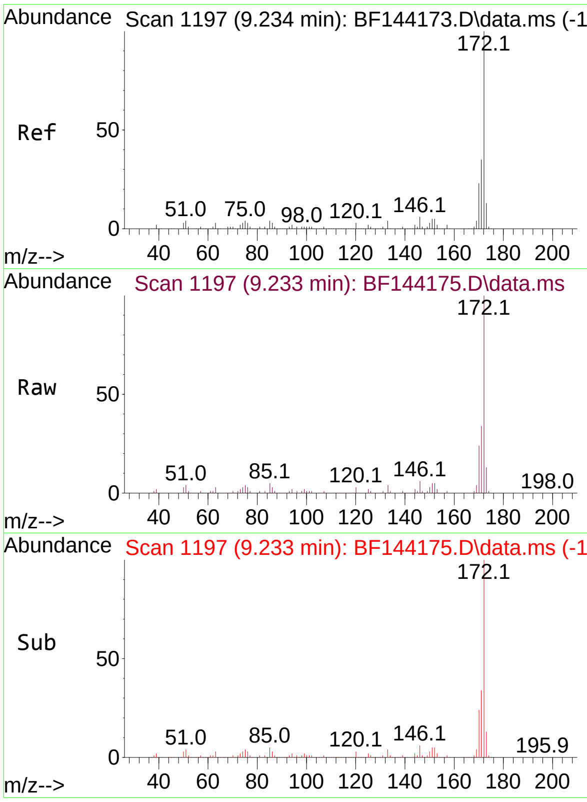
#44
2,4,5-Trichlorophenol
Concen: 62.639 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:196 Resp: 190324

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.1	114.1
97	41.4	31.9	47.9
132	23.7	19.4	29.2



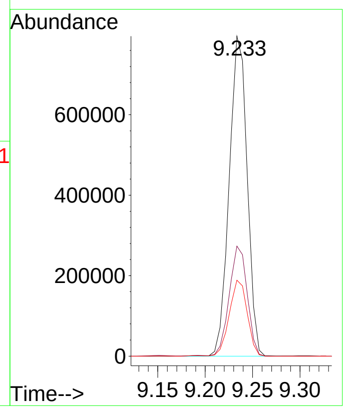
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

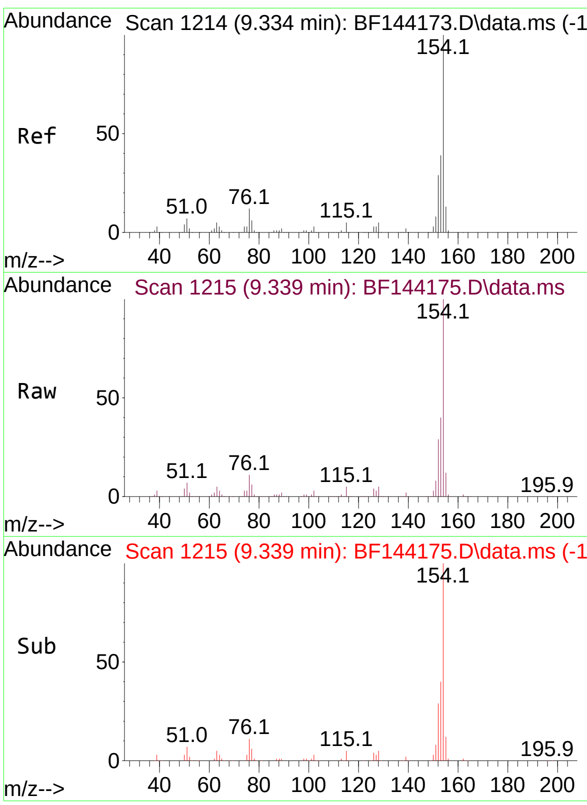


#45
2-Fluorobiphenyl
Concen: 122.404 ng
RT: 9.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:172 Resp: 1047440

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.1	42.1
170	23.7	18.6	28.0

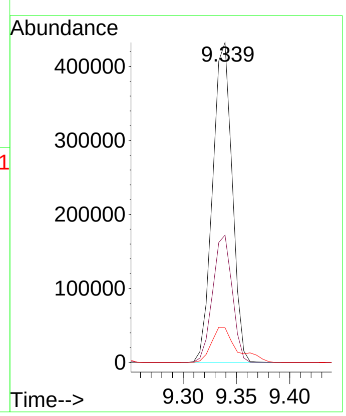




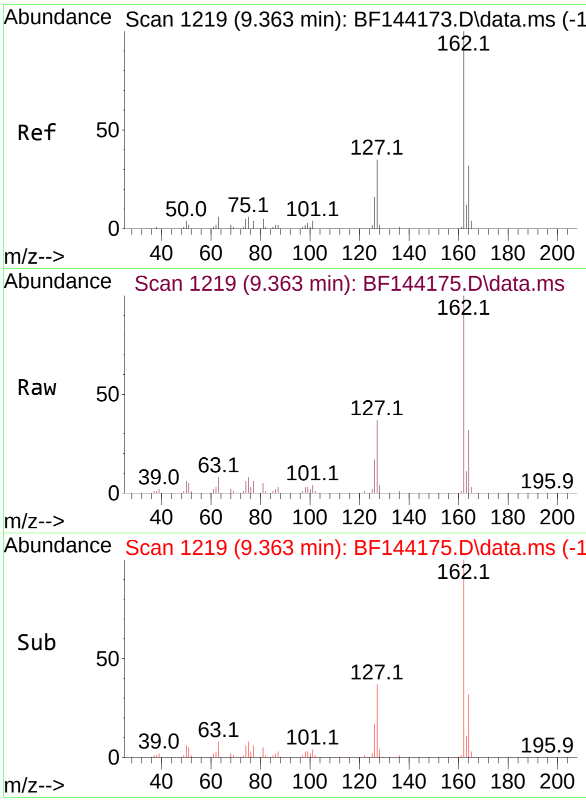
#46
1,1'-Biphenyl
Concen: 62.310 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:154 Resp: 549700

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.2	59.2
76	10.8	0.0	31.8



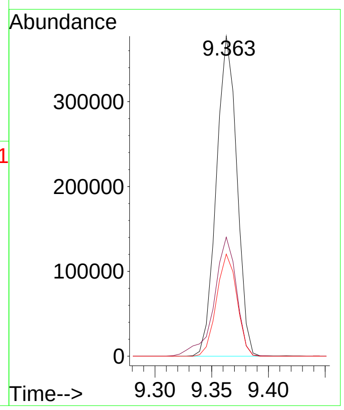
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

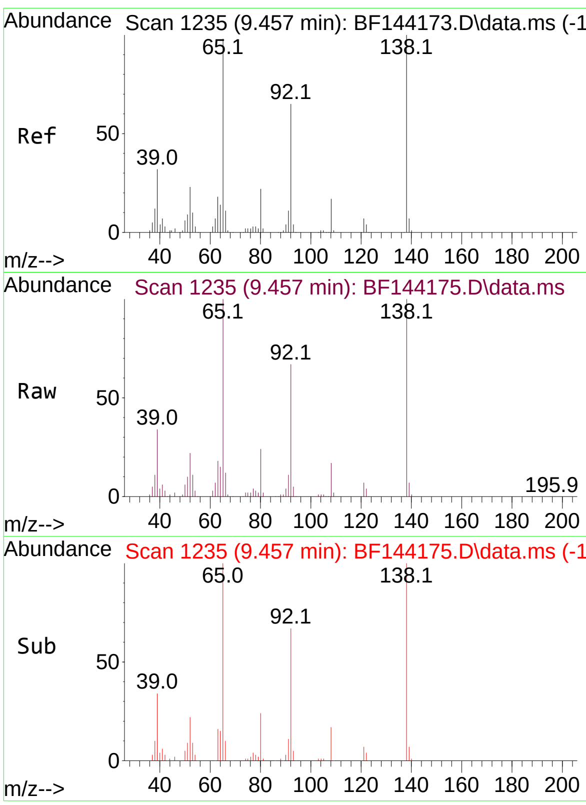


#47
2-Chloronaphthalene
Concen: 63.056 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:162 Resp: 474514

Ion	Ratio	Lower	Upper
162	100		
127	37.2	28.8	43.2
164	31.9	25.8	38.8

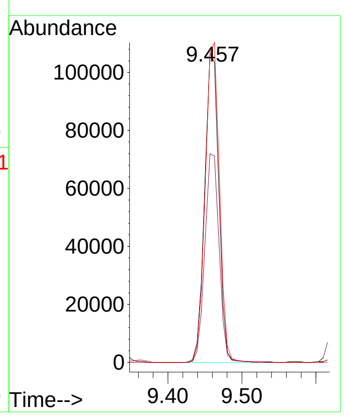




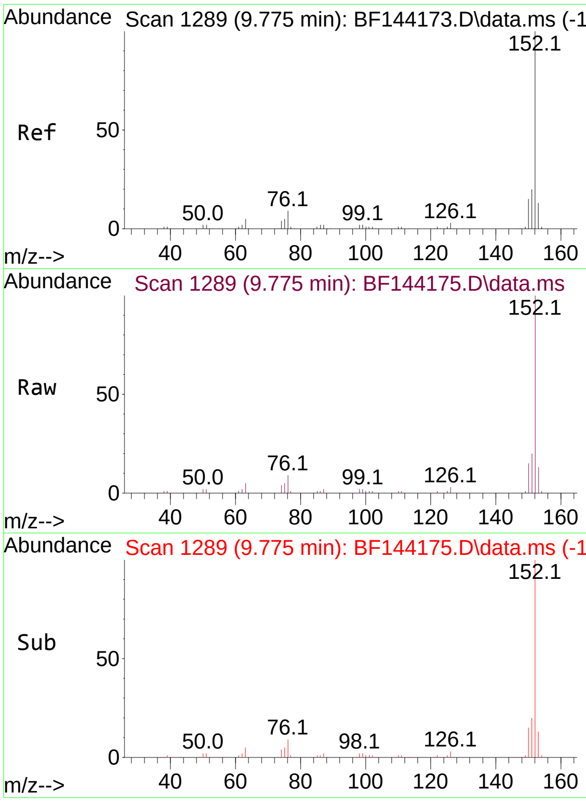
#48
2-Nitroaniline
Concen: 65.370 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 65 Resp: 141938

Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.0	79.6
138	100.0	81.6	122.4



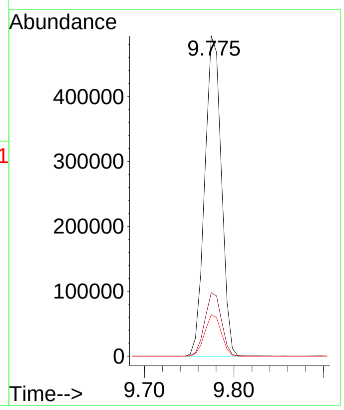
Instrument : BNA_F
ClientSampleId : SSTDICC060

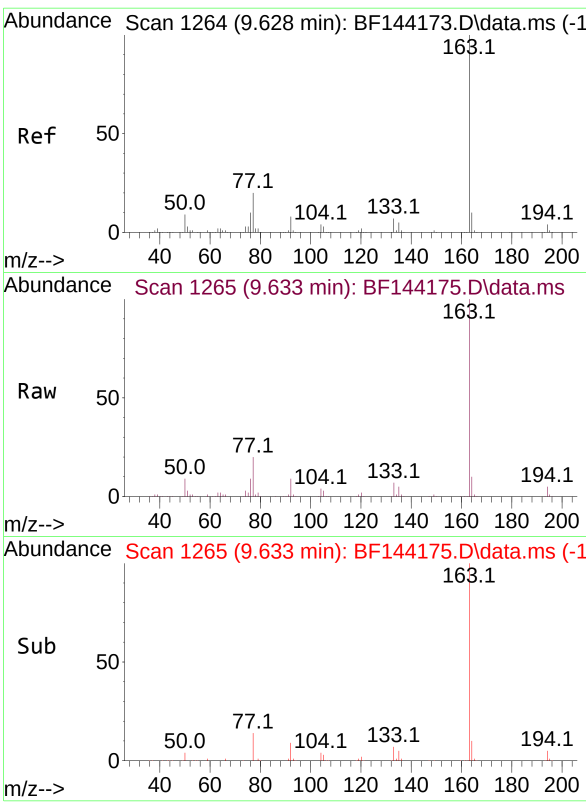


#49
Acenaphthylene
Concen: 62.050 ng
RT: 9.775 min   Scan# 1
Delta R.T.   -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025   16:19

Tgt Ion:152 Resp: 636324

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	12.9	10.5	15.7

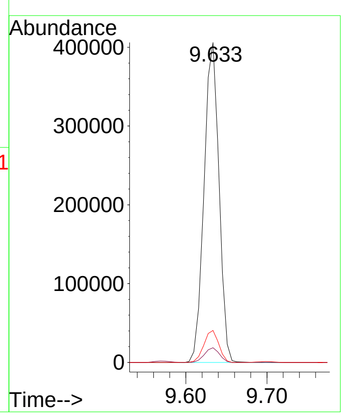




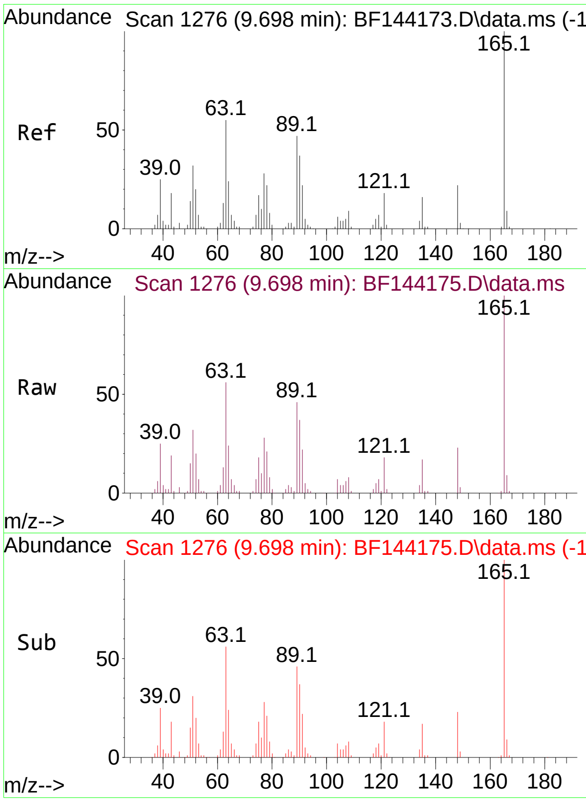
#50
Dimethylphthalate
Concen: 62.250 ng
RT: 9.633 min   Scan# 1265
Delta R.T.   -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025   16:19

Tgt Ion:163 Resp: 521205

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.3	4.9
164	10.0	8.1	12.1



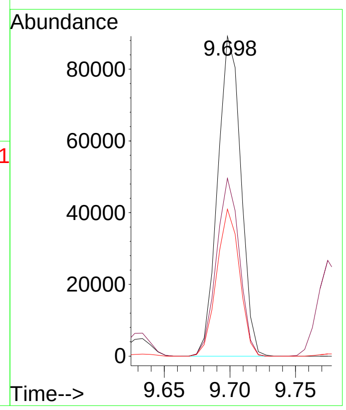
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

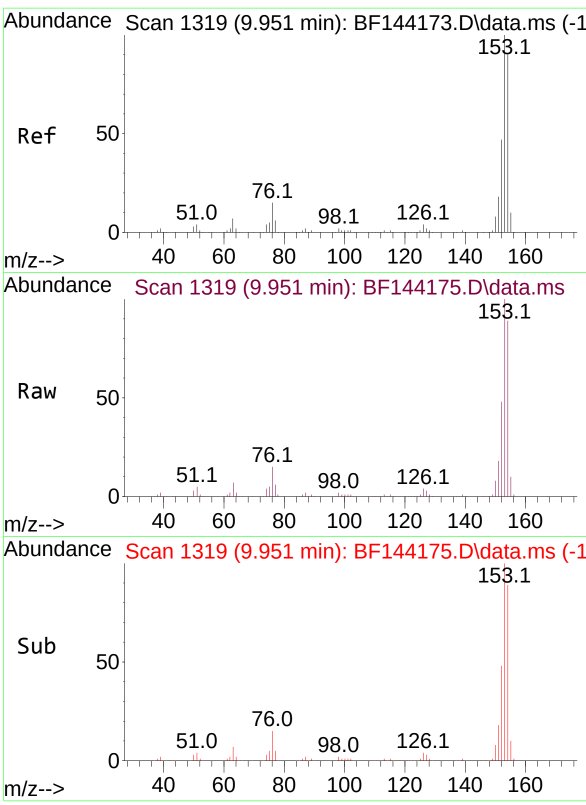


#51
2,6-Dinitrotoluene
Concen: 64.983 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:165 Resp: 110140

Ion	Ratio	Lower	Upper
165	100		
63	55.6	43.8	65.8
89	45.9	37.5	56.3

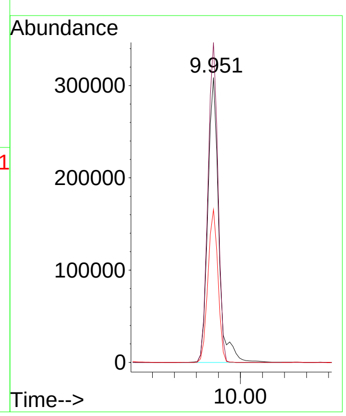




#52
Acenaphthene
Concen: 61.778 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:154 Resp: 423653

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.0	133.4
152	53.7	42.2	63.4



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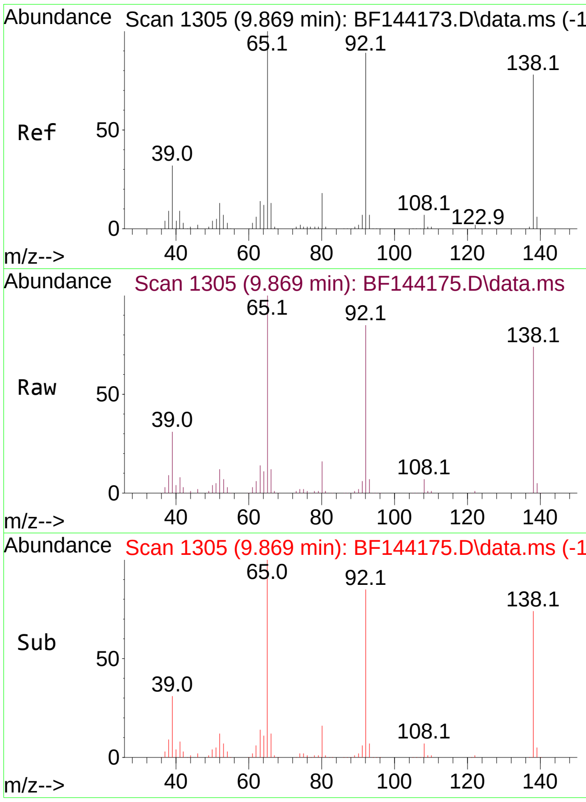
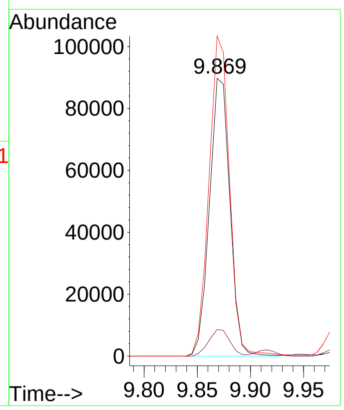
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

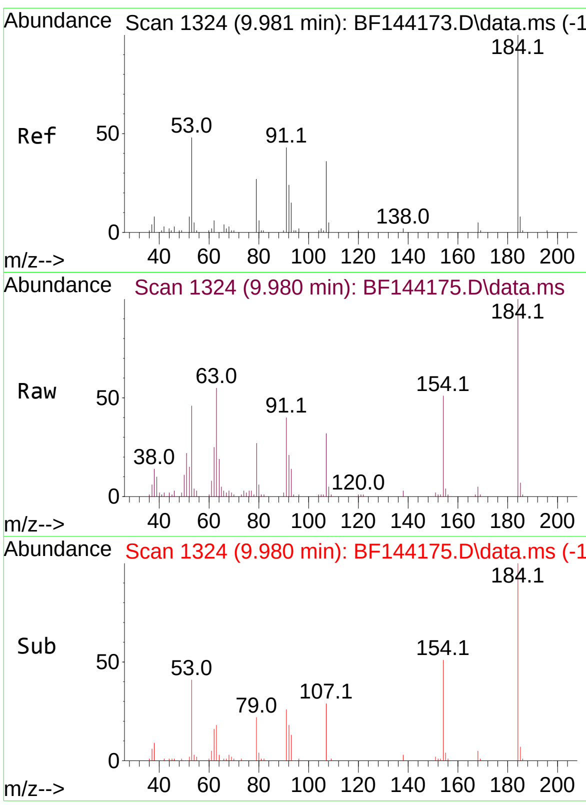


#53
3-Nitroaniline
Concen: 64.749 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:138 Resp: 119967

Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.5	11.3
92	115.2	91.8	137.6

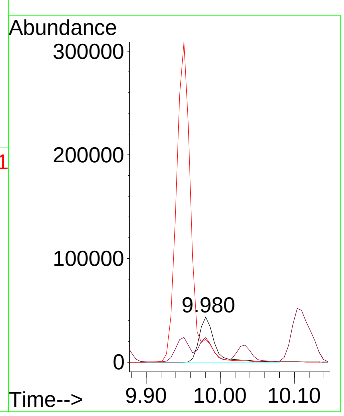




#54
2,4-Dinitrophenol
Concen: 62.138 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

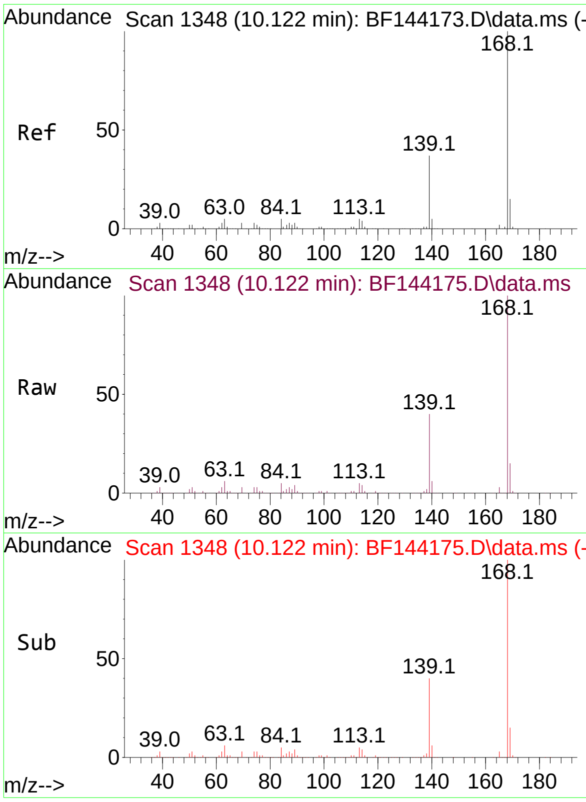
Tgt Ion:184 Resp: 63597

Ion	Ratio	Lower	Upper
184	100		
63	54.7	44.0	66.0
154	50.8	42.4	63.6



ICAL Form

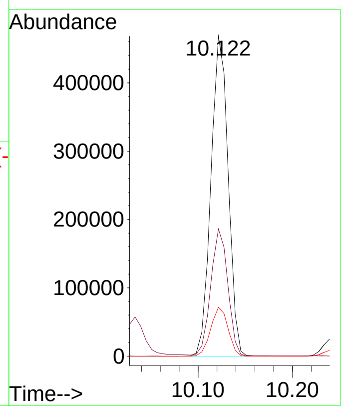
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

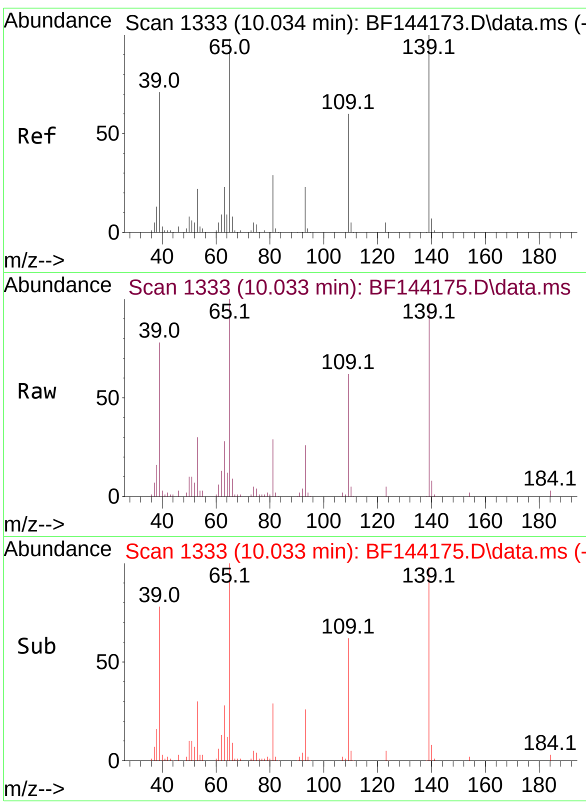


#55
Dibenzofuran
Concen: 61.680 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:168 Resp: 592400

Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.2	45.2
169	15.3	12.2	18.4

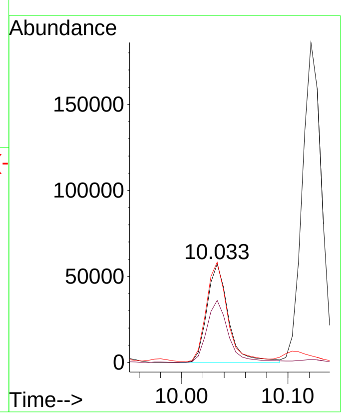




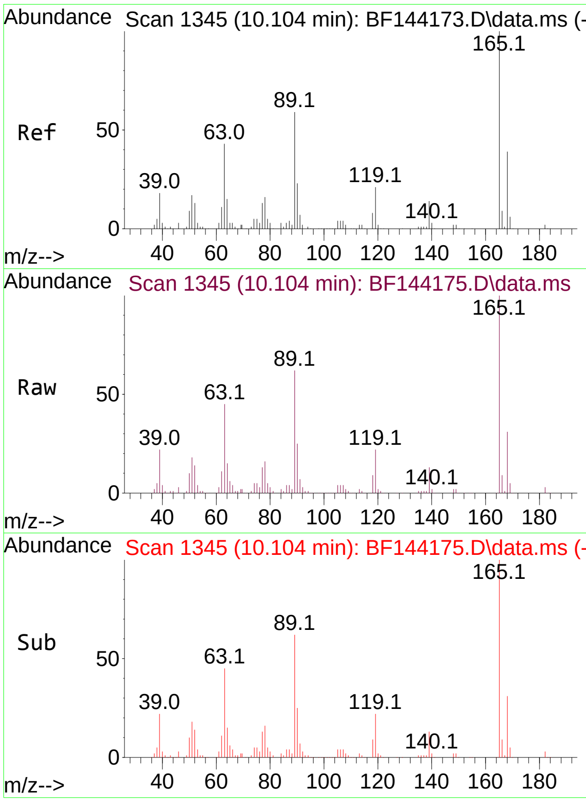
#56
4-Nitrophenol
Concen: 59.812 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:139 Resp: 80163

Ion	Ratio	Lower	Upper
139	100		
109	63.0	39.9	79.9
65	101.8	79.5	119.5



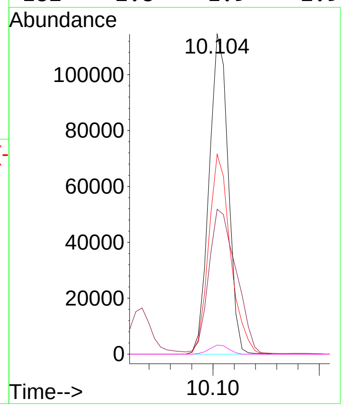
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

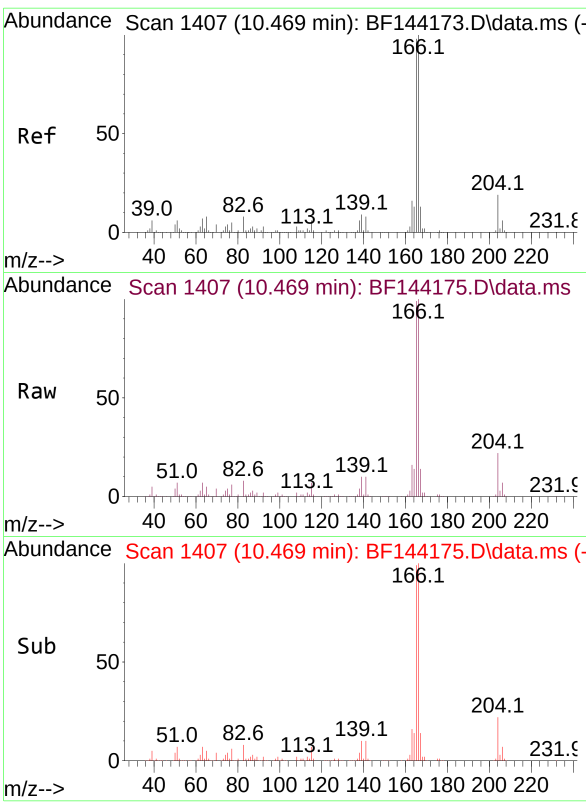


#57
2,4-Dinitrotoluene
Concen: 62.984 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:165 Resp: 142910

Ion	Ratio	Lower	Upper
165	100		
63	45.3	35.5	53.3
89	62.4	47.4	71.2
182	2.8	1.9	2.9

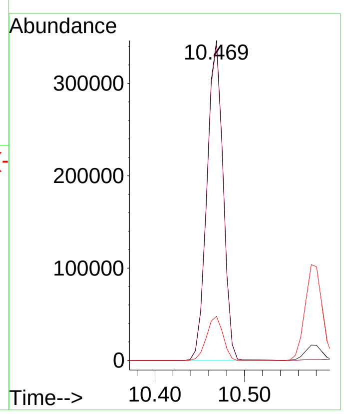




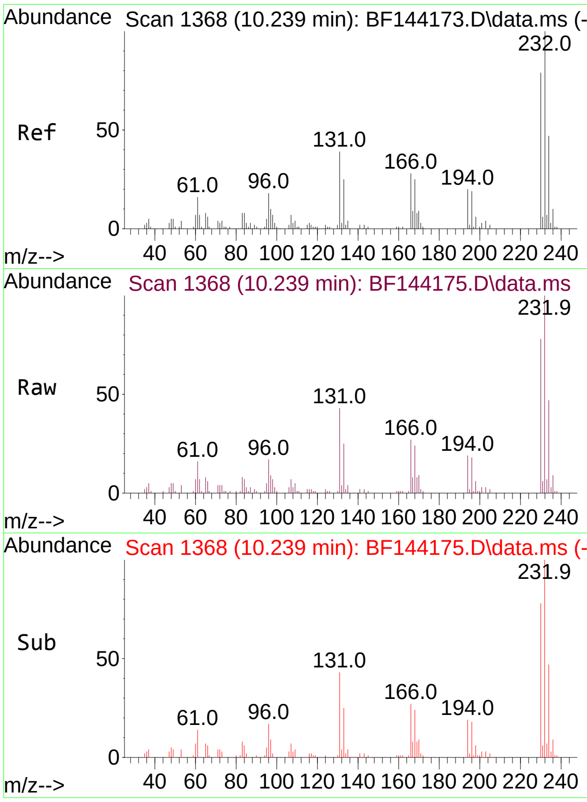
#58
Fluorene
Concen: 59.664 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:166 Resp: 435687

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	118.0
167	13.8	10.4	15.6



ICAL Form

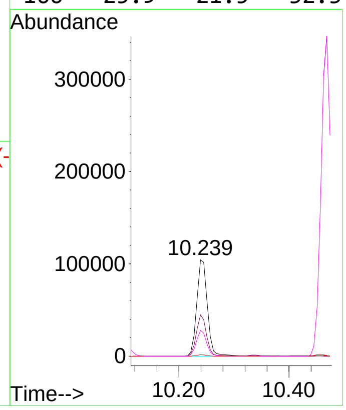


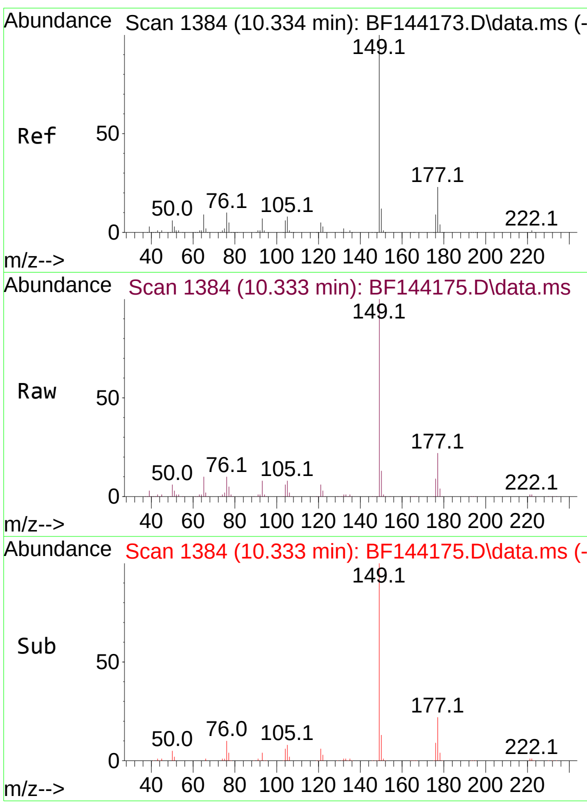
#59
2,3,4,6-Tetrachlorophenol
Concen: 65.569 ng
RT: 10.239 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 140953

Ion	Ratio	Lower	Upper
232	100		
131	40.7	30.3	45.5
130	1.3	1.2	1.8
166	25.9	21.5	32.3

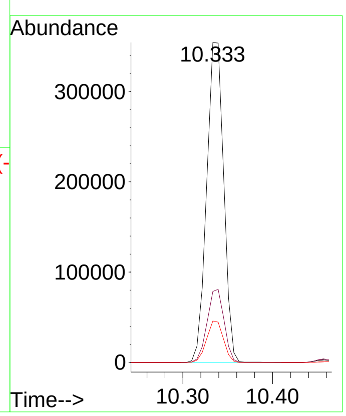




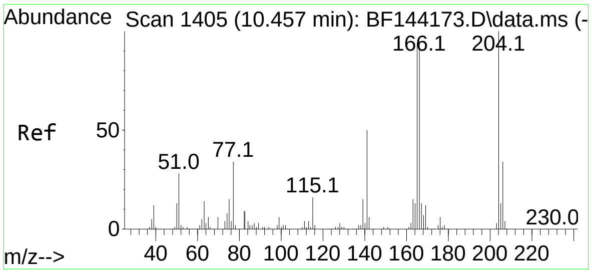
#60
Diethylphthalate
Concen: 60.755 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

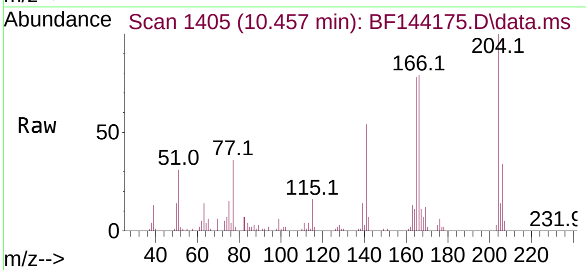
Tgt Ion:149 Resp: 468931

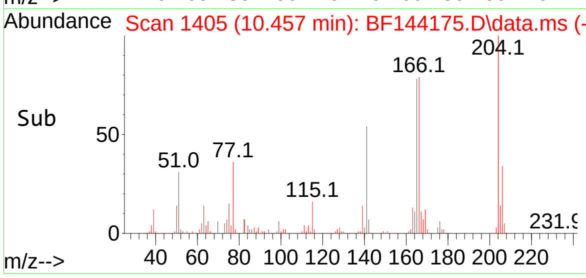
Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.3	27.5
150	12.9	9.8	14.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060



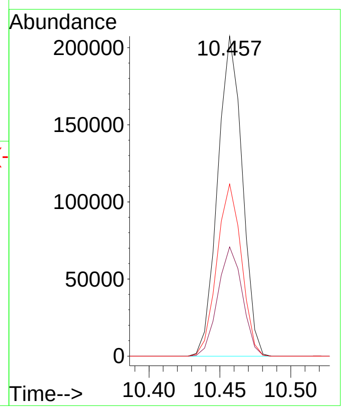


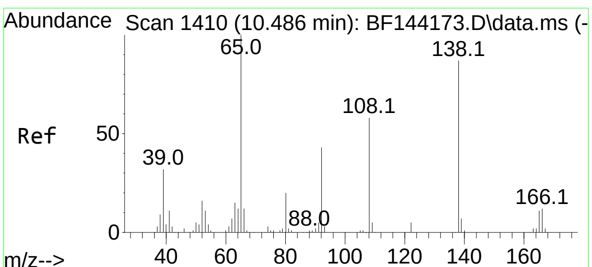


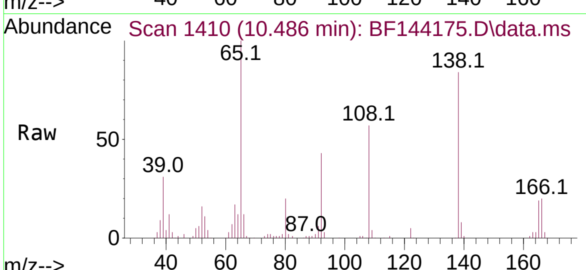
#61
4-Chlorophenyl-phenylether
Concen: 60.068 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

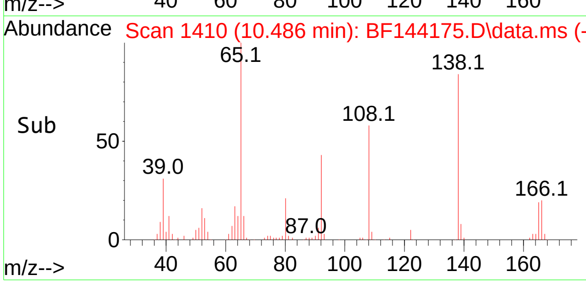
Tgt Ion:204 Resp: 249857

Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.4	41.2
141	53.8	40.0	60.0





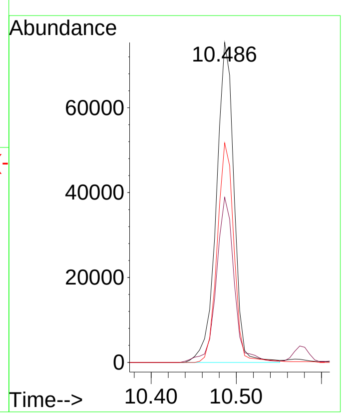




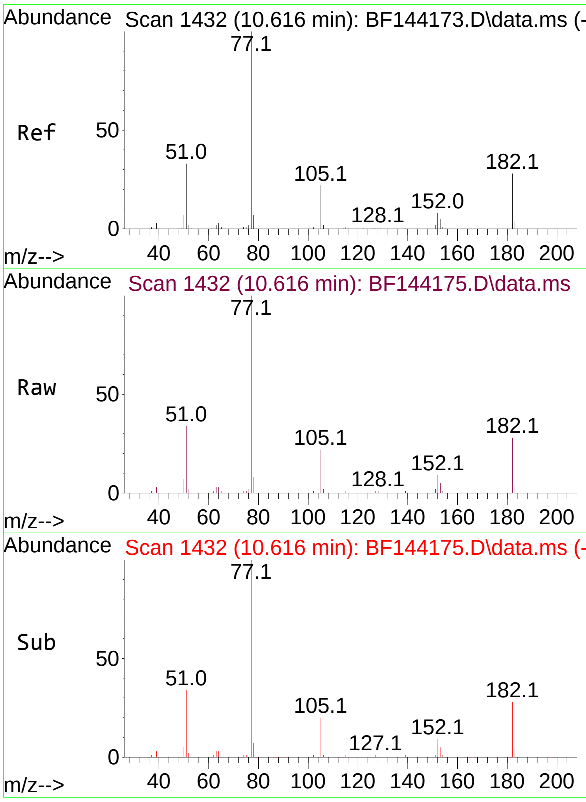
#62
4-Nitroaniline
Concen: 61.862 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:138 Resp: 109153

Ion	Ratio	Lower	Upper
138	100		
92	51.6	29.4	69.4
108	68.6	46.4	86.4



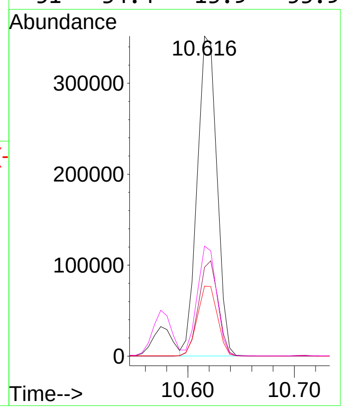
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

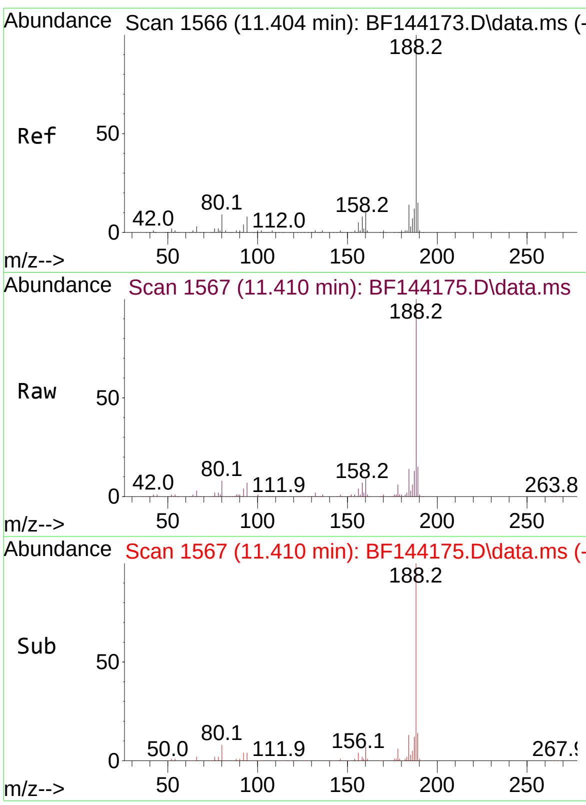


#63
Azobenzene
Concen: 63.187 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 77 Resp: 453890

Ion	Ratio	Lower	Upper
77	100		
182	27.8	8.1	48.1
105	21.9	2.0	42.0
51	34.4	13.9	53.9

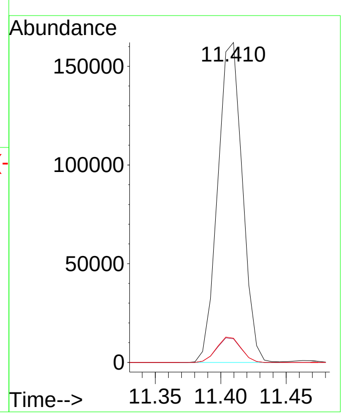


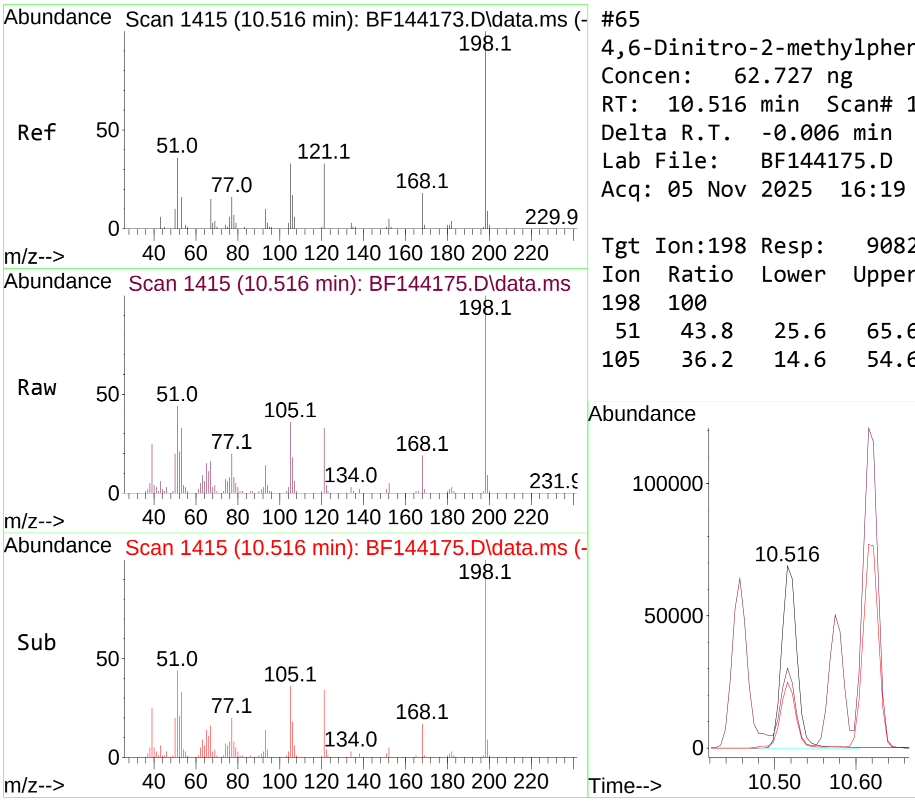


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:188 Resp: 213136

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.2
80	7.6	6.9	10.3



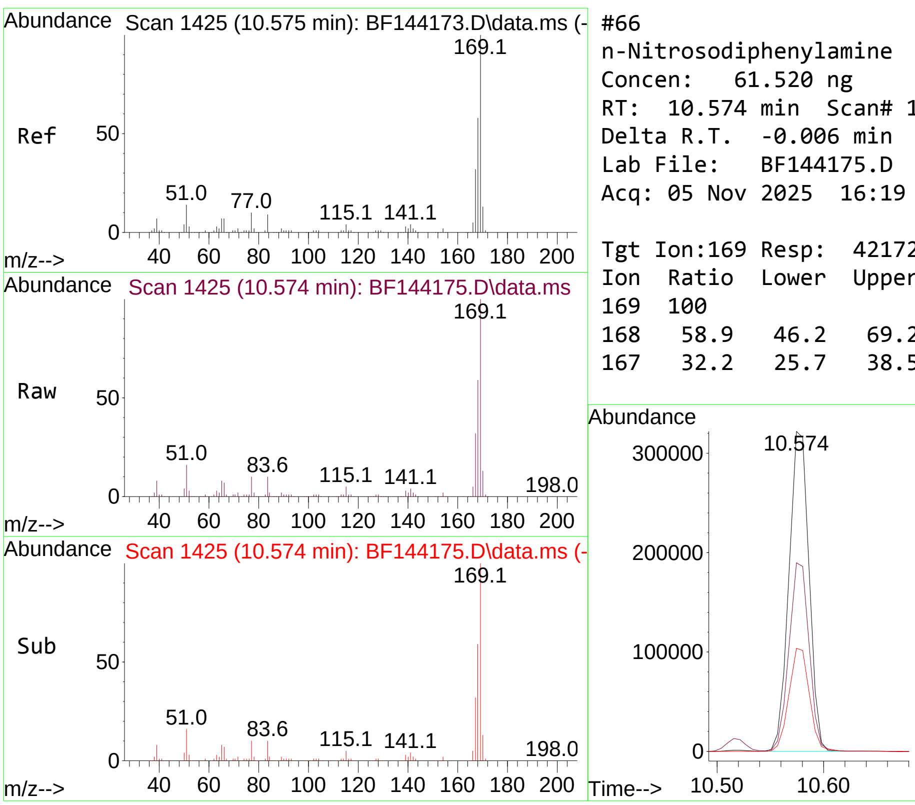


#65
4,6-Dinitro-2-methylphenol
Concen: 62.727 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 90823

Ion	Ratio	Lower	Upper
198	100		
51	43.8	25.6	65.6
105	36.2	14.6	54.6

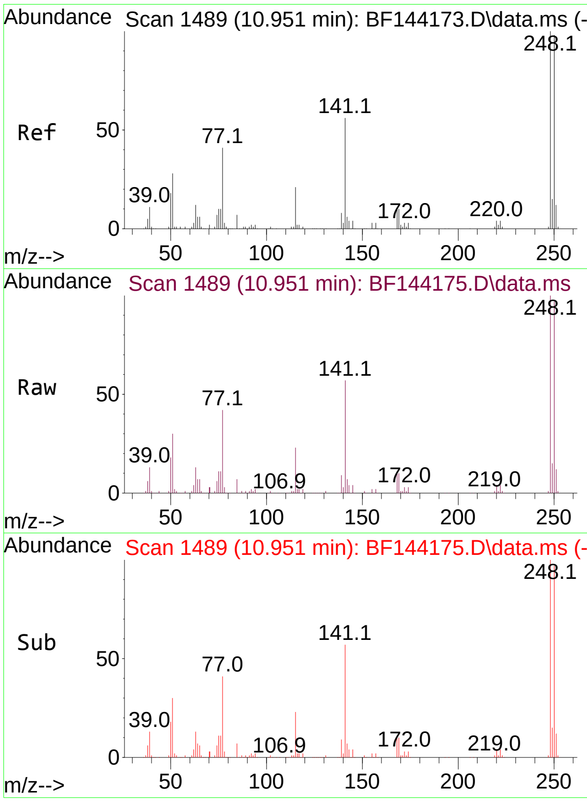


#66
n-Nitrosodiphenylamine
Concen: 61.520 ng
RT: 10.574 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:169 Resp: 421720

Ion	Ratio	Lower	Upper
169	100		
168	58.9	46.2	69.2
167	32.2	25.7	38.5

ICAL Form

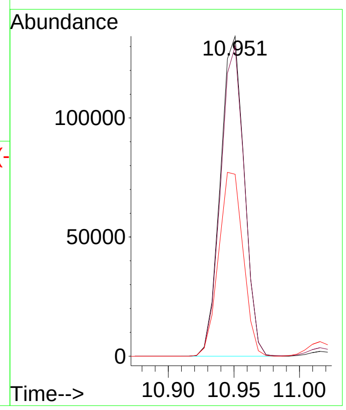


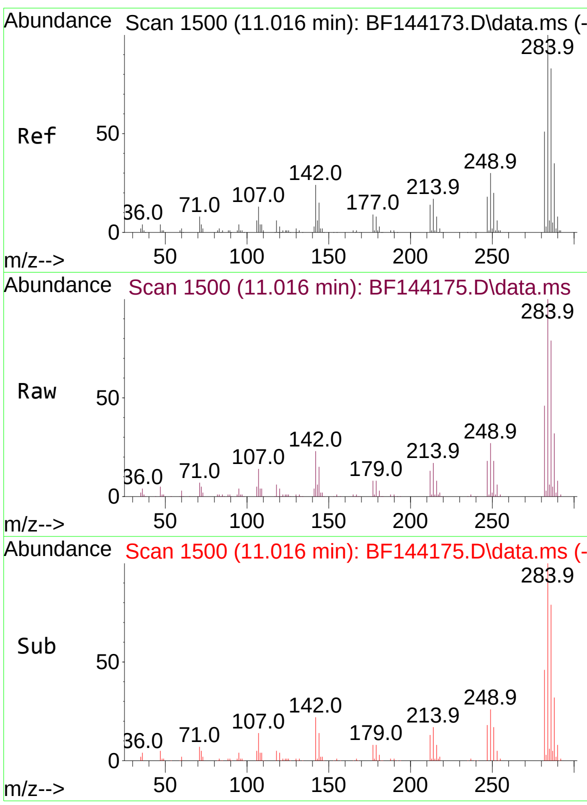
#67
4-Bromophenyl-phenylether
Concen: 62.634 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 170395

Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.4	117.6
141	56.8	45.1	67.7

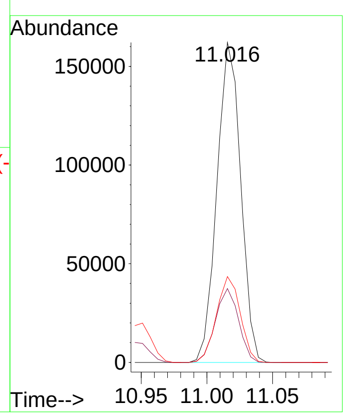




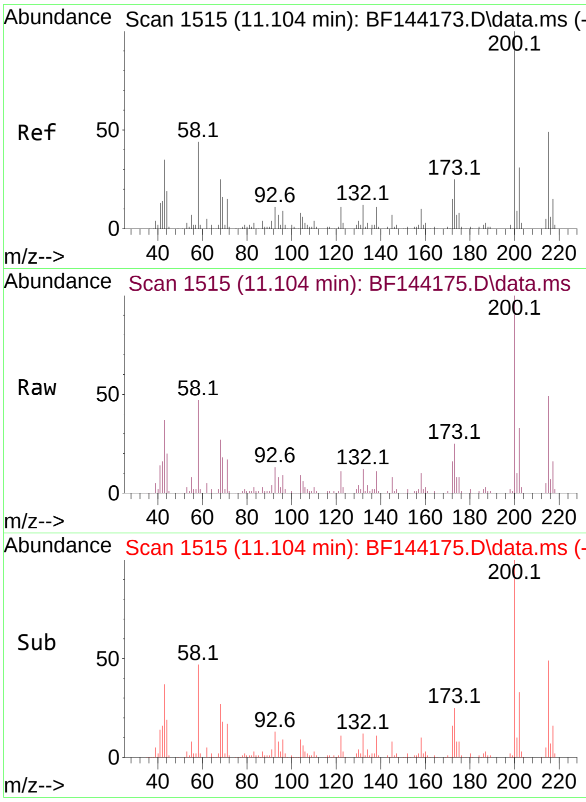
#68
Hexachlorobenzene
Concen: 63.744 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:284 Resp: 204258

Ion	Ratio	Lower	Upper
284	100		
142	23.1	19.2	28.8
249	26.8	23.8	35.8



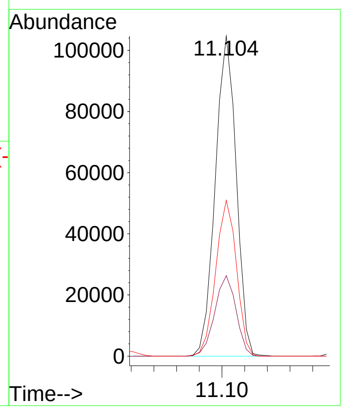
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

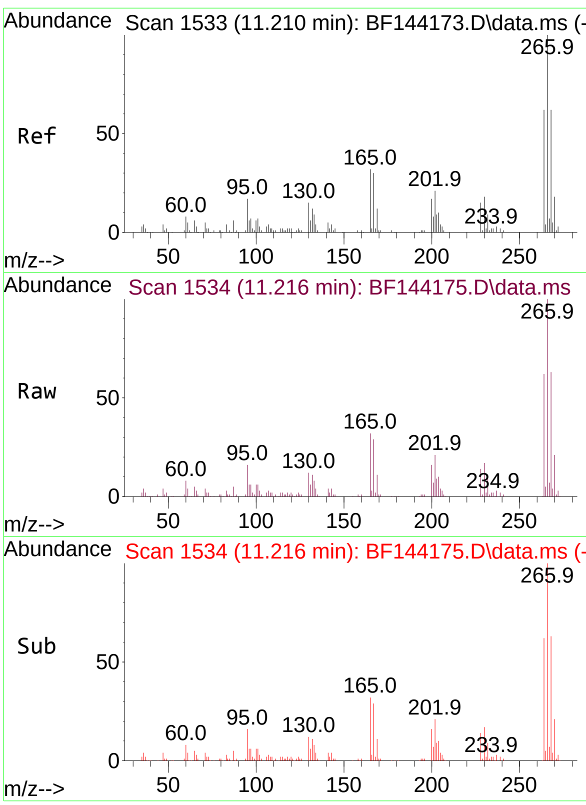


#69
Atrazine
Concen: 61.467 ng
RT: 11.104 min   Scan# 15
Delta R.T.   -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025   16:19

Tgt Ion:200 Resp: 134002

Ion	Ratio	Lower	Upper
200	100		
173	25.1	5.0	45.0
215	48.7	28.7	68.7

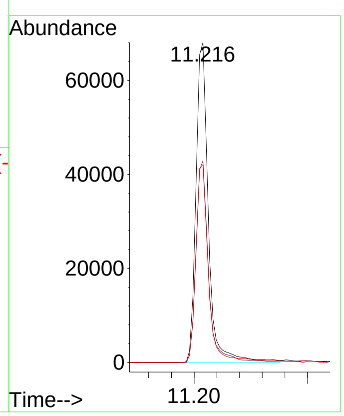




#70
Pentachlorophenol
Concen: 64.842 ng
RT: 11.216 min   Scan# 1534
Delta R.T.   -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025   16:19

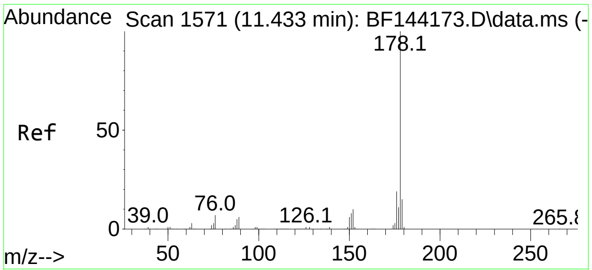
Tgt Ion:266 Resp: 103466

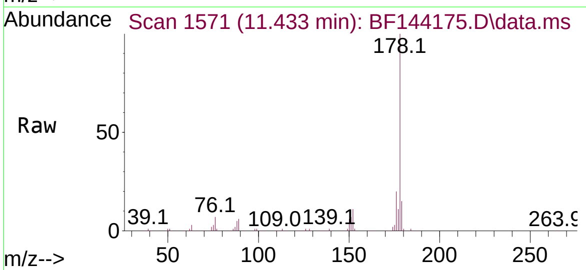
Ion	Ratio	Lower	Upper
266	100		
268	63.0	49.5	74.3
264	61.8	49.4	74.2

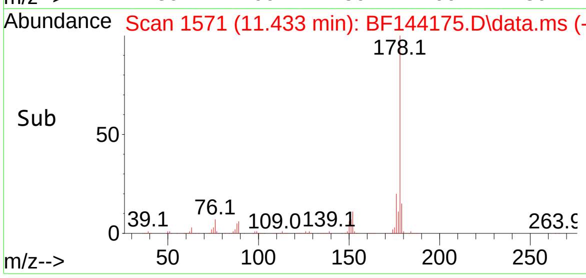


ICAL Form

Instrument :
BNA_F
ClientSampleId :
SSTDICC060



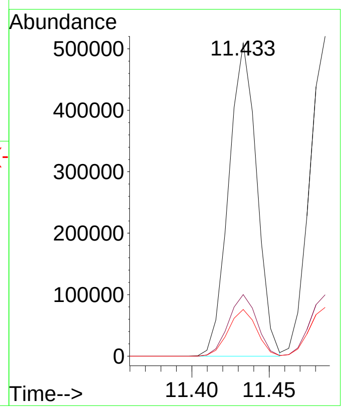


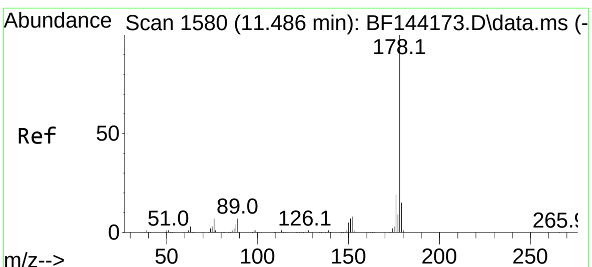


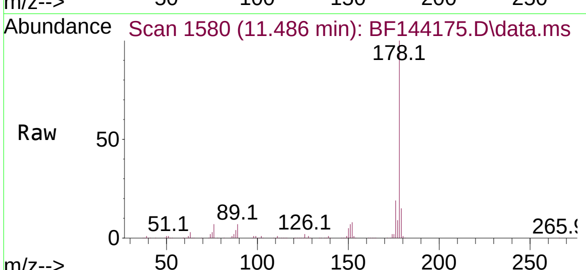
#71
Phenanthrene
Concen: 60.448 ng
RT: 11.433 min Scan# 15
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

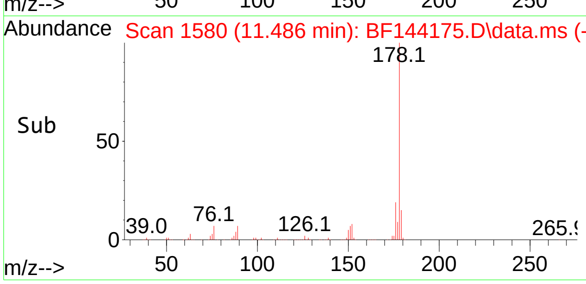
Tgt Ion:178 Resp: 641461

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	14.9	12.2	18.4





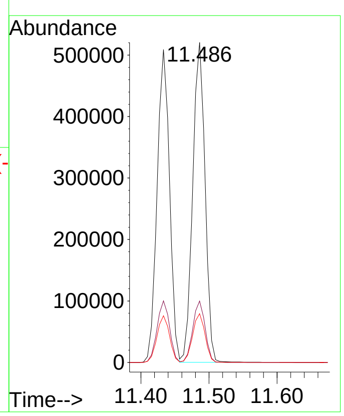




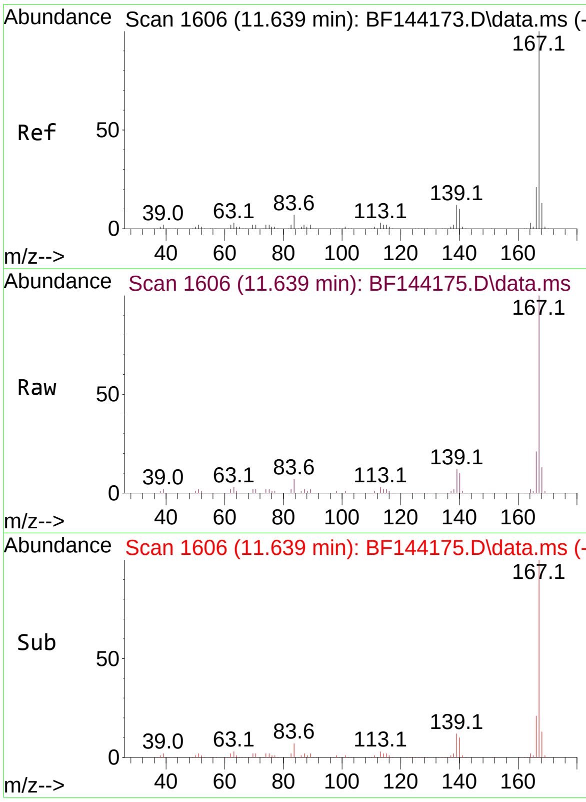
#72
Anthracene
Concen: 60.871 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:178 Resp: 656819

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.0	18.0



ICAL Form

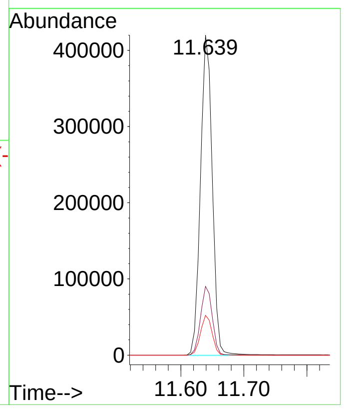


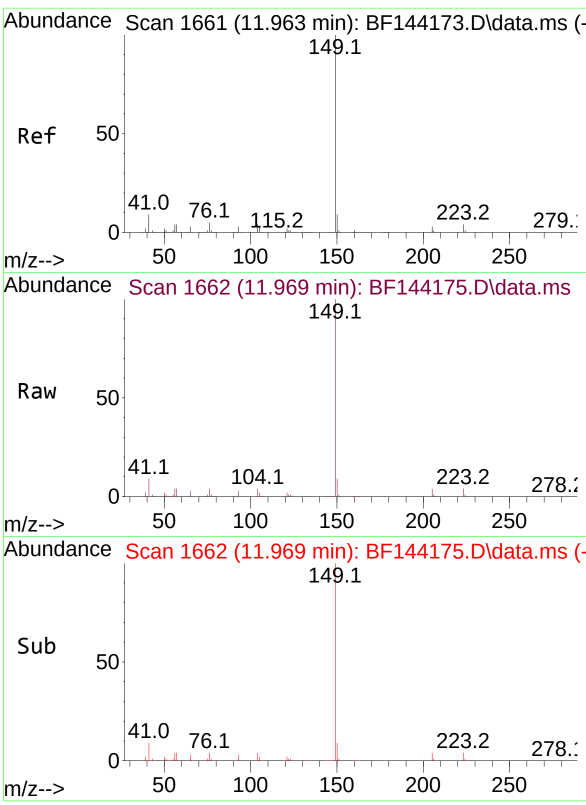
#73
Carbazole
Concen: 59.542 ng
RT: 11.639 min Scan# 16
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 546322

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.4	9.9	14.9

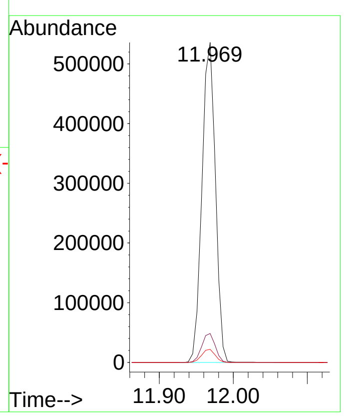




#74
Di-n-butylphthalate
Concen: 61.075 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

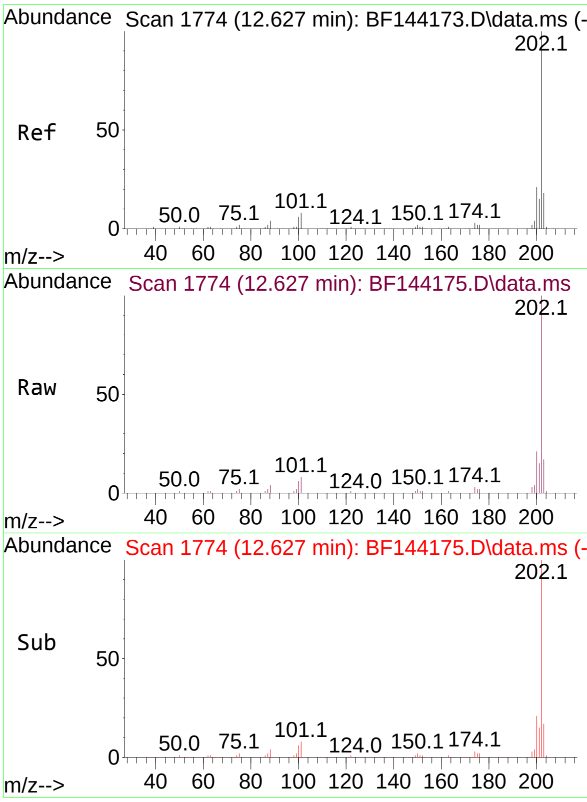
Tgt Ion:149 Resp: 677444

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.1	3.4	5.2



ICAL Form

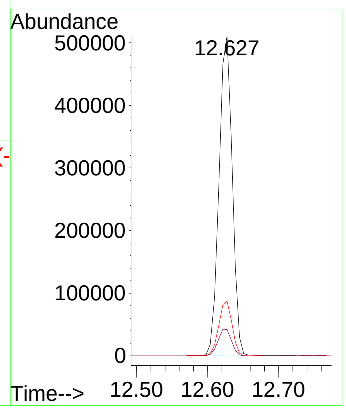
Instrument : BNA_F
ClientSampleId : SSTDICC060

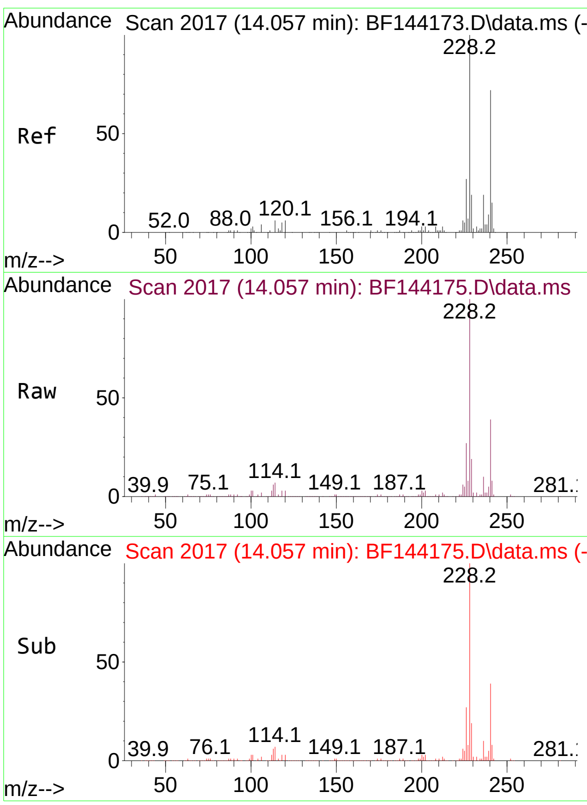


#75
Fluoranthene
Concen: 60.849 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:202 Resp: 667021

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	27.9
203	17.1	0.0	37.5

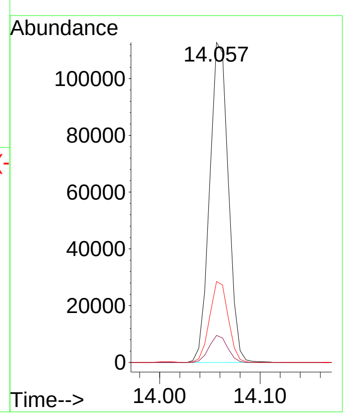




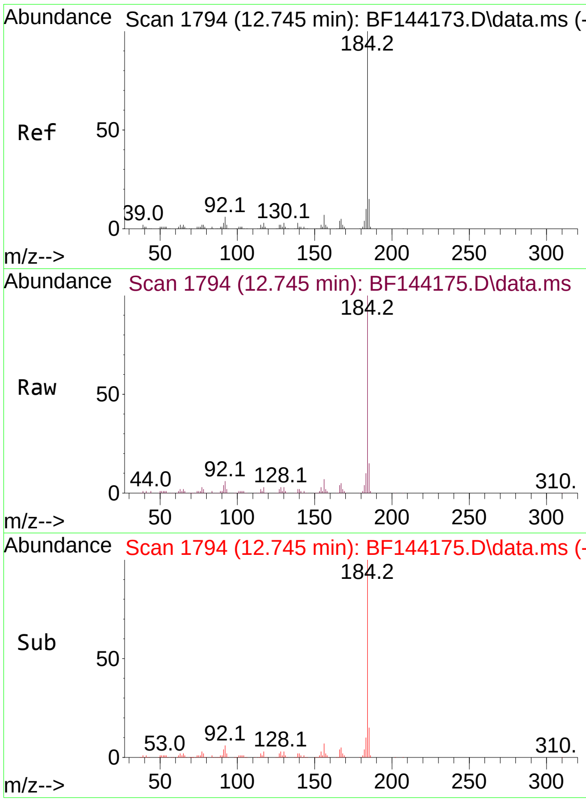
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:240 Resp: 145867

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.6	10.0
236	25.3	21.4	32.2



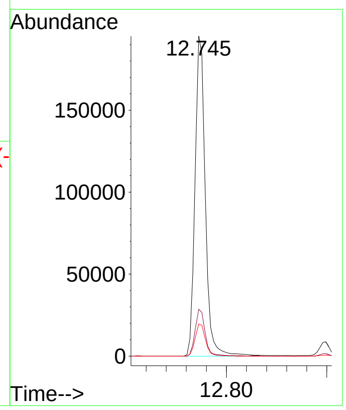
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

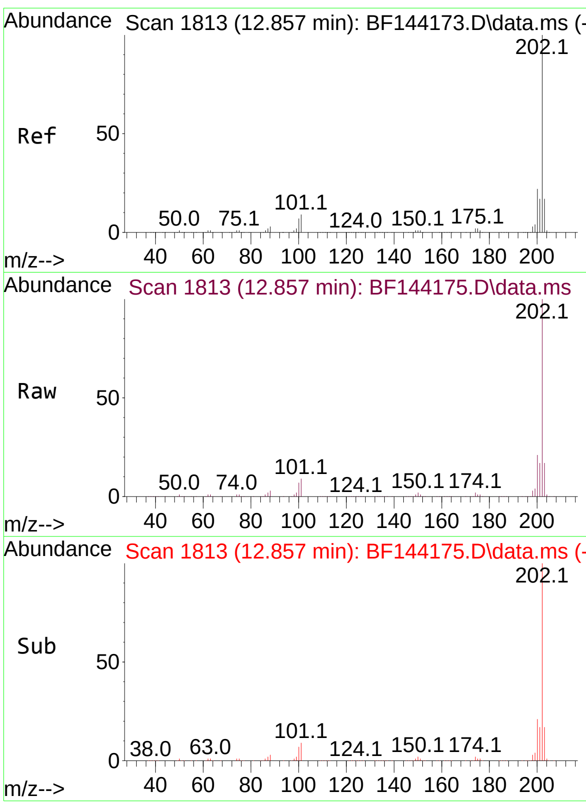


#77
Benzidine
Concen: 64.368 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:184 Resp: 277725

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	10.0	8.3	12.5

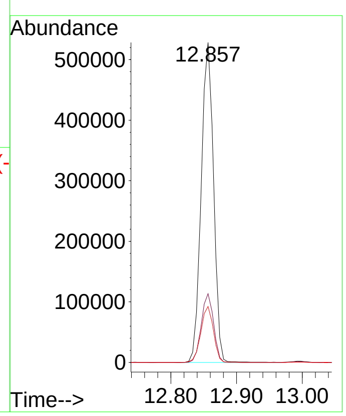




#78
Pyrene
Concen: 58.384 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

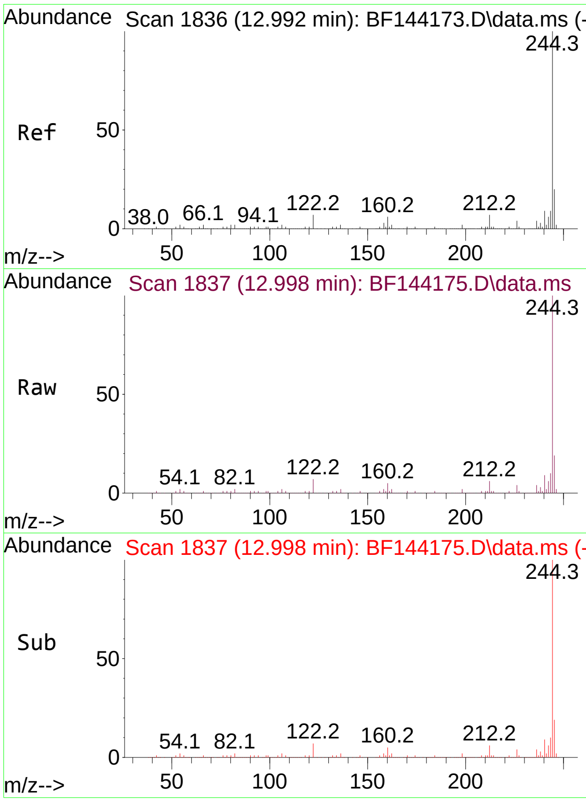
Tgt Ion:202 Resp: 686663

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	17.5	13.7	20.5



ICAL Form

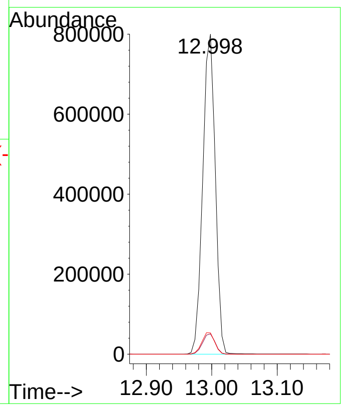
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

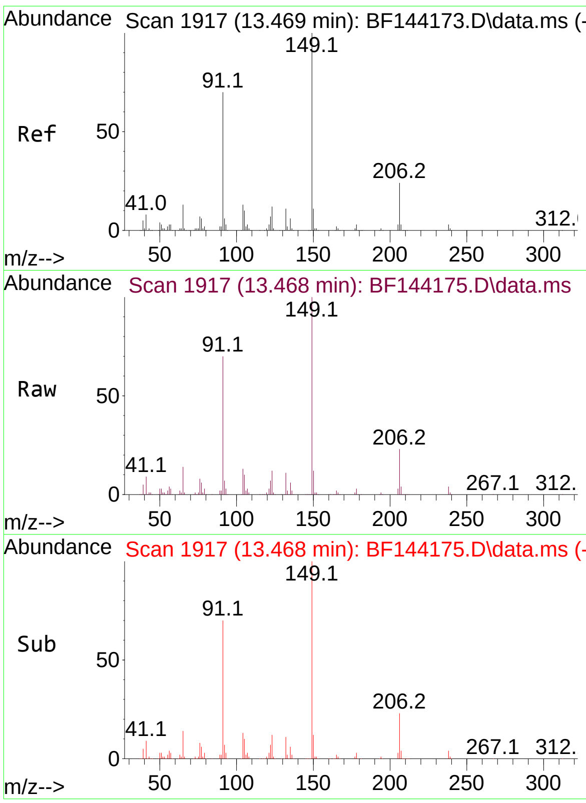


#79
Terphenyl-d14
Concen: 115.147 ng
RT: 12.998 min Scan# 18
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:244 Resp: 1057426

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.3	7.9
122	6.6	5.6	8.4

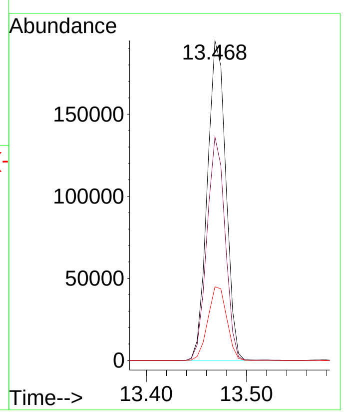




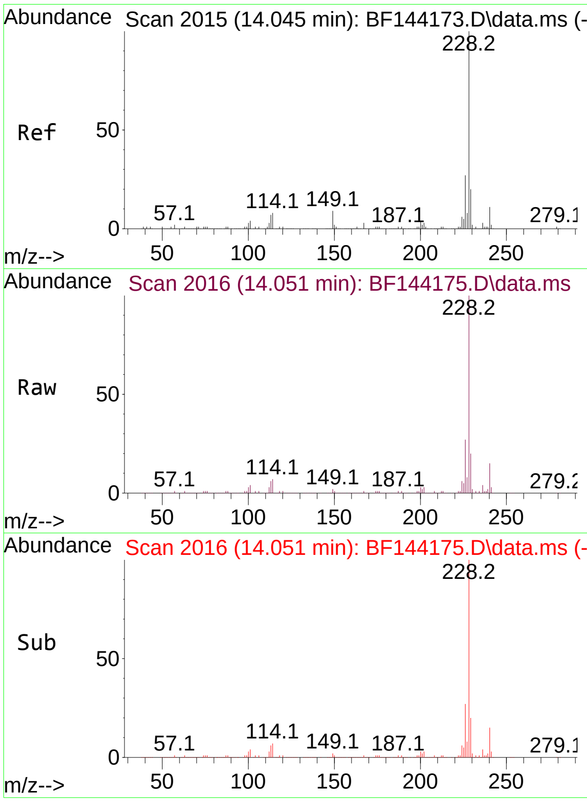
#80
Butylbenzylphthalate
Concen: 61.152 ng
RT: 13.468 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:149 Resp: 249274

Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.1	84.1
206	23.0	18.8	28.2



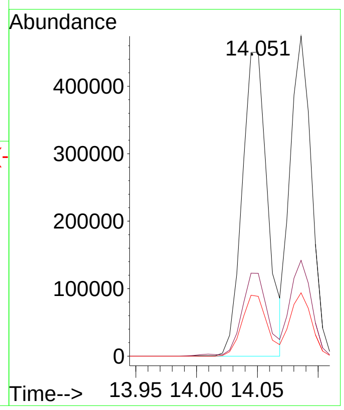
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

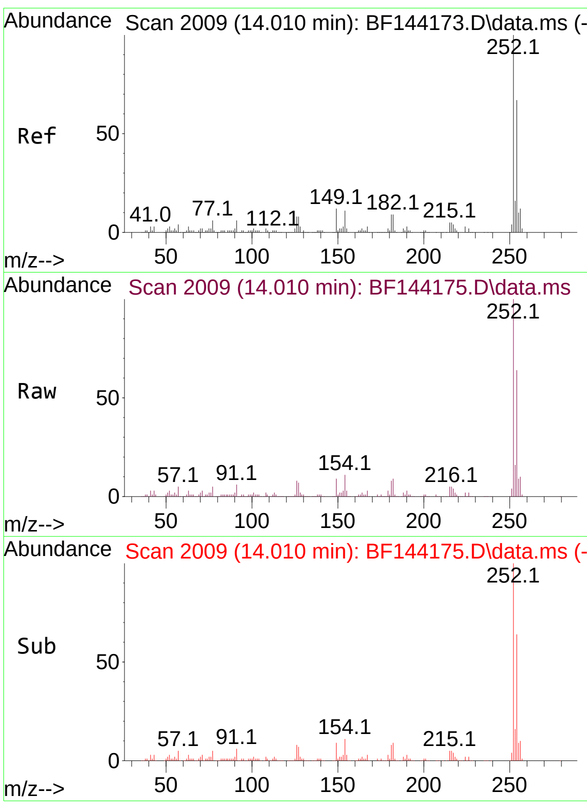


#81
Benzo(a)anthracene
Concen: 64.625 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:228 Resp: 653341

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.6	15.8	23.6

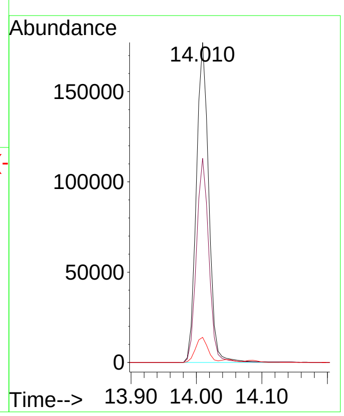




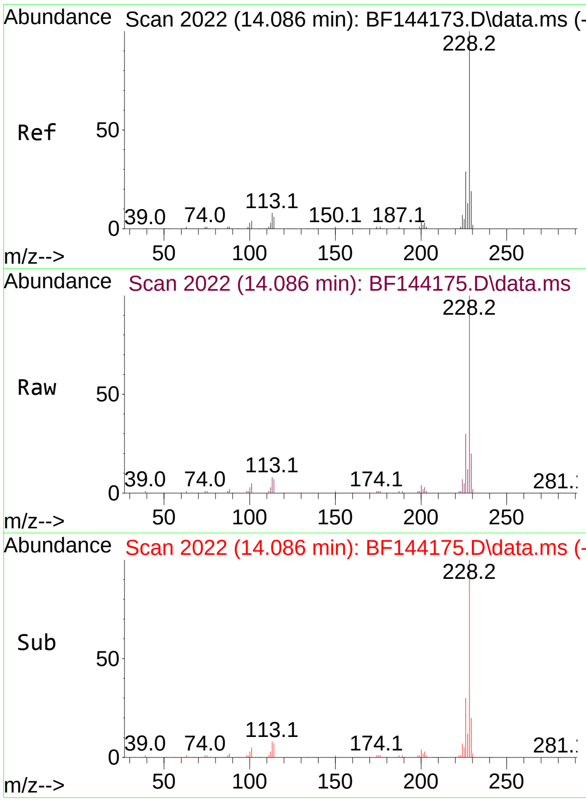
#82
3,3'-Dichlorobenzidine
Concen: 67.182 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:252 Resp: 232807

Ion	Ratio	Lower	Upper
252	100		
254	63.8	53.5	80.3
126	7.8	6.4	9.6



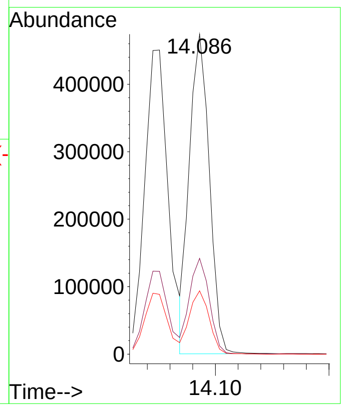
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

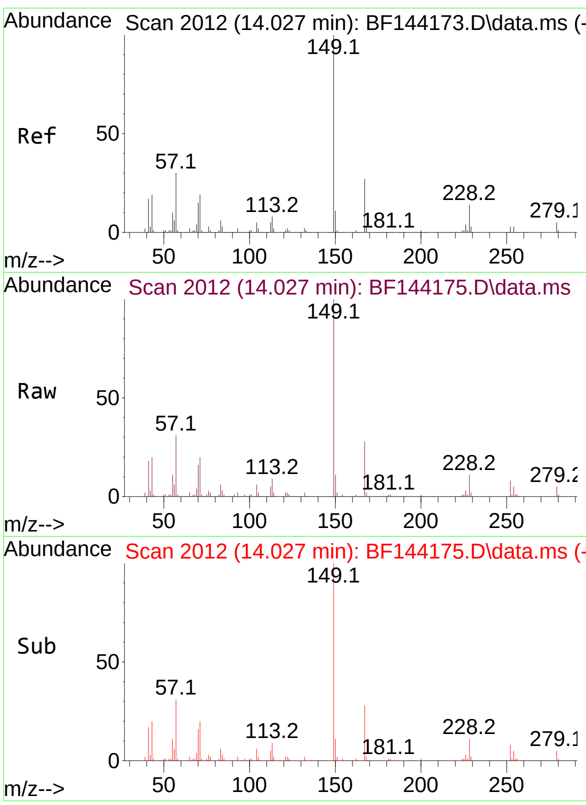


#83
Chrysene
Concen: 62.196 ng
RT: 14.086 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:228 Resp: 580449

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.9	34.3
229	19.8	15.0	22.6

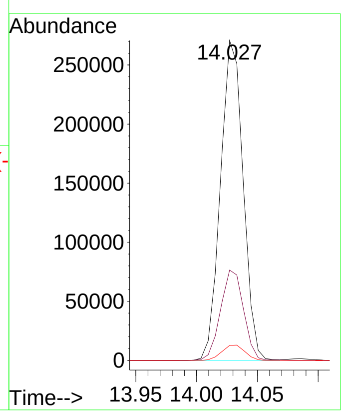




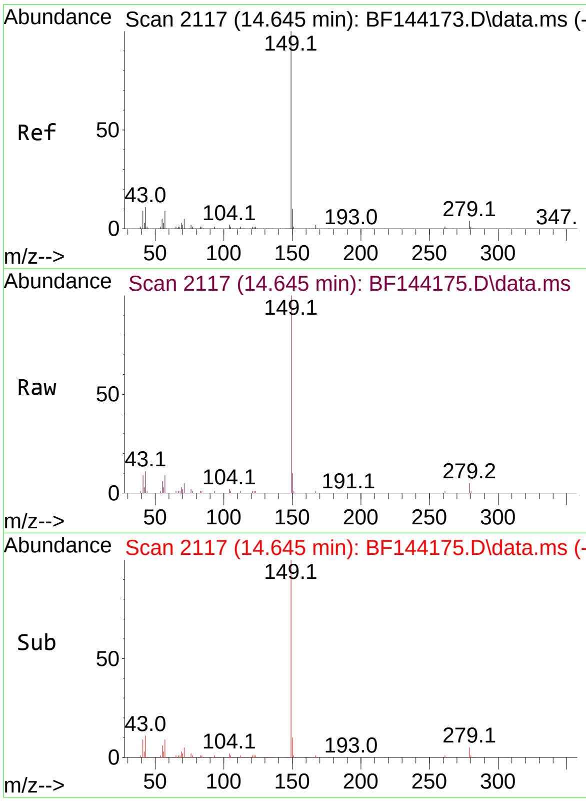
#84
Bis(2-ethylhexyl)phthalate
Concen: 62.991 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:149 Resp: 351501

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.8
279	4.7	3.7	5.5



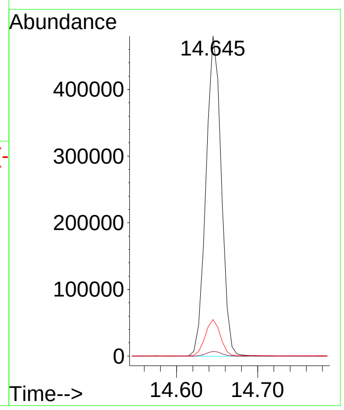
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

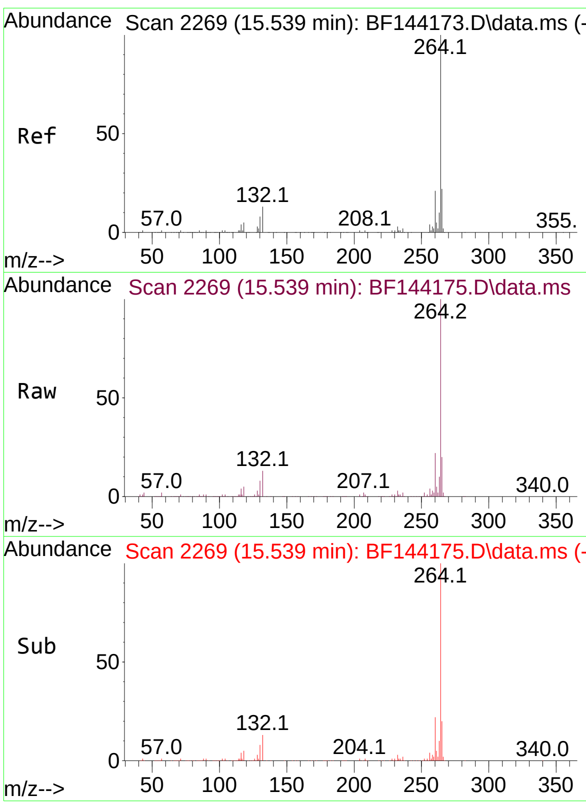


#85
Di-n-octyl phthalate
Concen: 65.547 ng
RT: 14.645 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:149 Resp: 631065

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	11.3	9.0	13.4

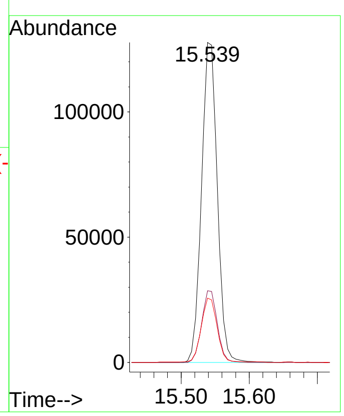




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

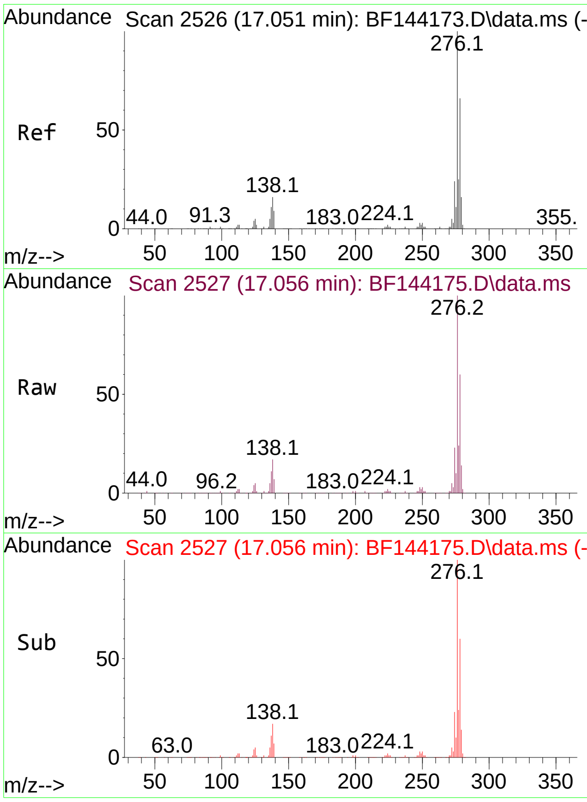
Tgt Ion:264 Resp: 205758

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.1	25.7
265	20.1	17.4	26.0



ICAL Form

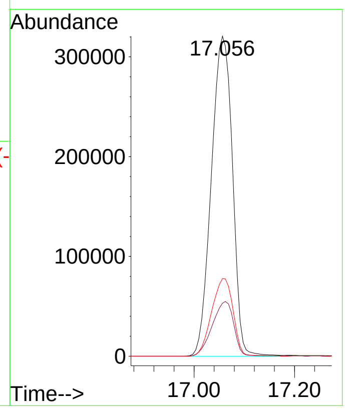
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

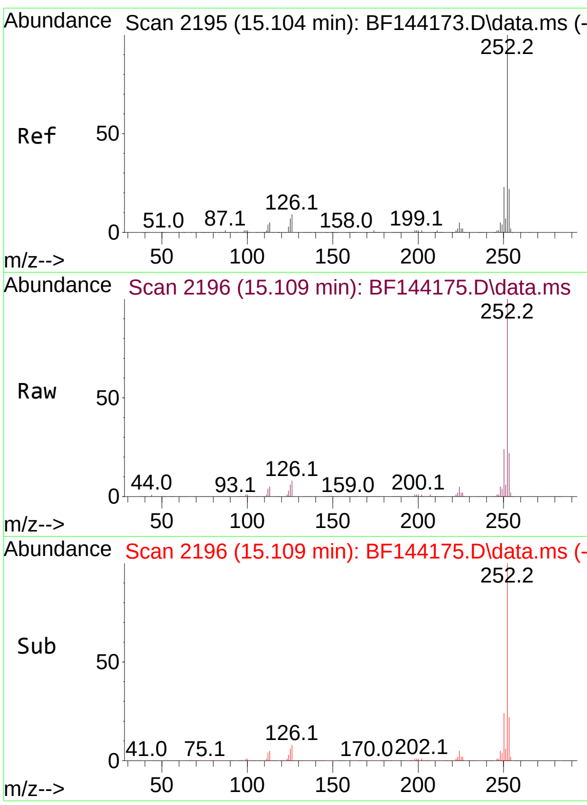


#87
Indeno(1,2,3-cd)pyrene
Concen: 63.557 ng
RT: 17.056 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:276 Resp: 938738

Ion	Ratio	Lower	Upper
276	100		
138	17.4	13.9	20.9
277	24.6	19.8	29.6

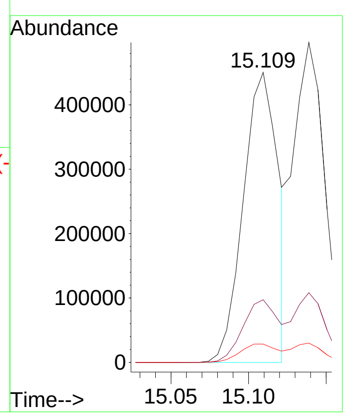




#88
Benzo(b)fluoranthene
Concen: 59.849 ng
RT: 15.109 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

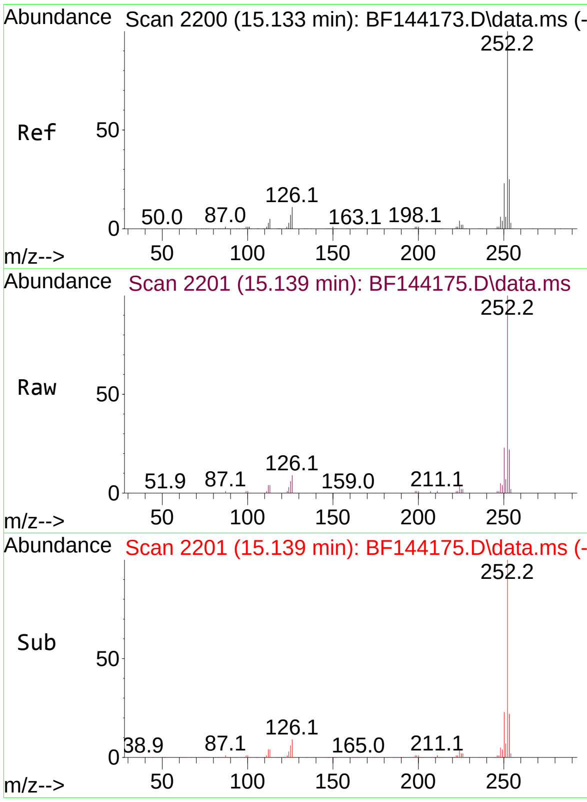
Tgt Ion:252 Resp: 700099

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	6.3	5.3	7.9



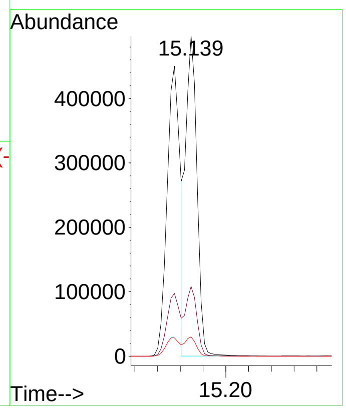
ICAL Form

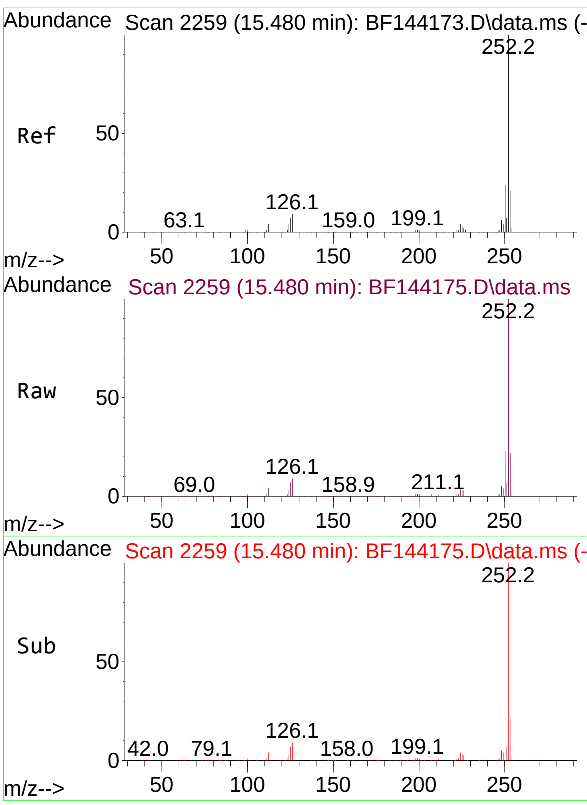
Instrument :
BNA_F
ClientSampleId :
SSTDICC060




```
#89
Benzo(k)fluoranthene
Concen:   63.919 ng
RT:  15.139 min  Scan# 2
Delta R.T.  -0.006 min
Lab File:   BF144175.D
Acq: 05 Nov 2025  16:19

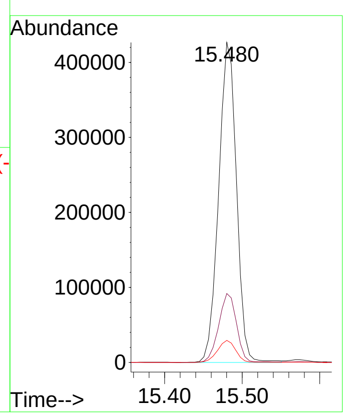
Tgt Ion:252 Resp:  699851
Ion  Ratio  Lower  Upper
252  100
253   21.8   18.0   27.0
125    6.0    5.4    8.2
```



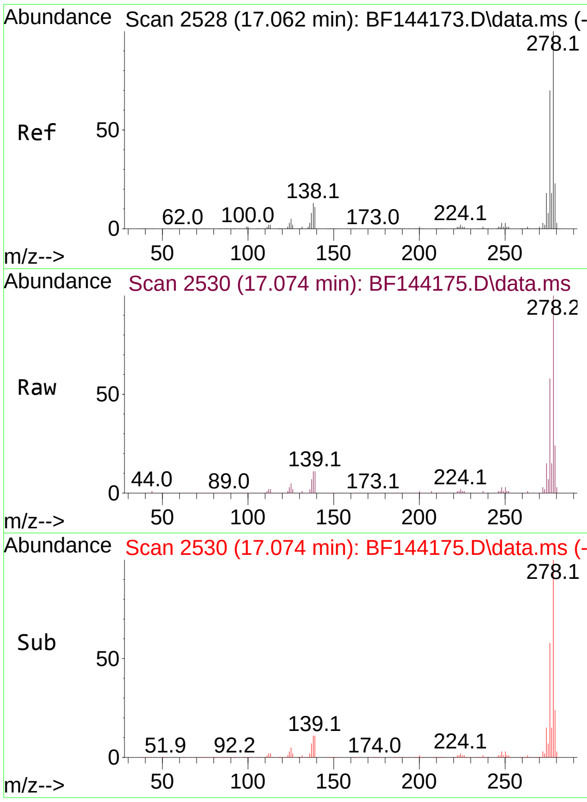



```
#90
Benzo(a)pyrene
Concen:   63.078 ng
RT:  15.480 min  Scan# 2259
Delta R.T.  -0.006 min
Lab File:   BF144175.D
Acq: 05 Nov 2025  16:19

Tgt Ion:252 Resp:  680720
Ion  Ratio  Lower  Upper
252  100
253   21.5   16.7   25.1
125    6.9    5.7    8.5
```



ICAL Form

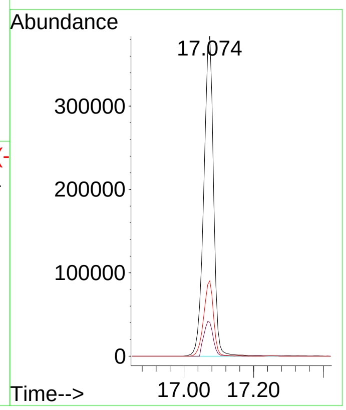


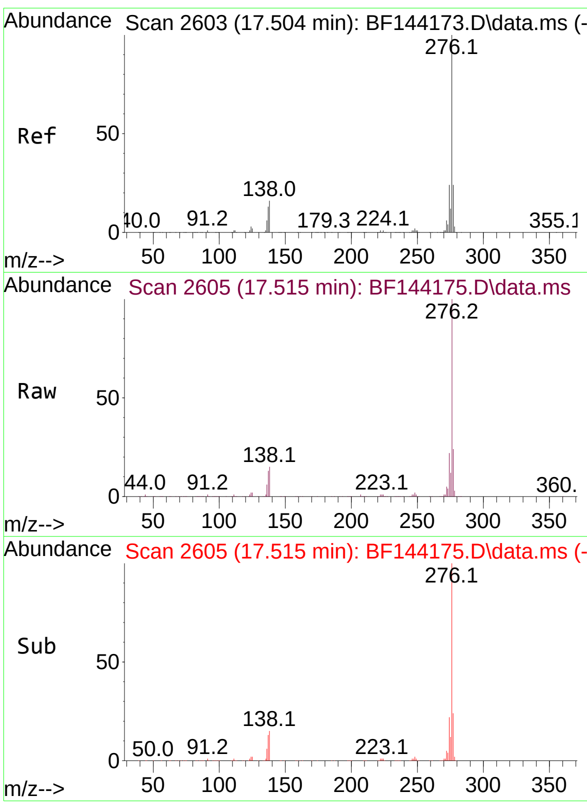
#91
Dibenzo(a,h)anthracene
Concen: 62.936 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 746544

Ion	Ratio	Lower	Upper
278	100		
139	10.6	9.1	13.7
279	23.5	18.2	27.4

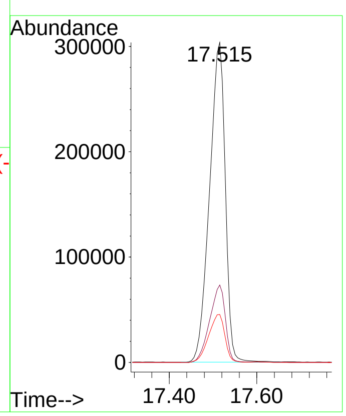




#92
Benzo(g,h,i)perylene
Concen: 64.699 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:276 Resp: 757880

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	15.0	12.9	19.3



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144176.D
Acq On : 05 Nov 2025 16:49
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Nov 05 17:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.875	152	69287	20.000 ng	0.00
21) Naphthalene-d8	8.163	136	261584	20.000 ng	0.00
39) Acenaphthene-d10	9.916	164	147600	20.000 ng	0.00
64) Phenanthrene-d10	11.410	188	244733	20.000 ng	0.00
76) Chrysene-d12	14.063	240	156809	20.000 ng	0.00
86) Perylene-d12	15.545	264	213275	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.492	112	661124	149.317 ng	0.00
7) Phenol-d6	6.510	99	742089	147.919 ng	0.00
23) Nitrobenzene-d5	7.445	82	707494	156.207 ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	293555	158.489 ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1397211	139.809 ng	0.00
79) Terphenyl-d14	12.998	244	1449323	146.810 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.604	88	149682	81.770 ng	99
3) Pyridine	3.375	79	427549	83.719 ng	99
4) n-Nitrosodimethylamine	3.346	42	224403	84.122 ng	98
6) Aniline	6.545	93	532078	74.439 ng	98
8) 2-Chlorophenol	6.663	128	333730	76.859 ng	100
9) Benzaldehyde	6.428	77	189297	66.820 ng	97
10) Phenol	6.528	94	441818	72.080 ng	78
11) bis(2-Chloroethyl)ether	6.616	93	348844	78.104 ng	99
12) 1,3-Dichlorobenzene	6.816	146	406743	75.913 ng	97
13) 1,4-Dichlorobenzene	6.892	146	405797	75.597 ng	99
14) 1,2-Dichlorobenzene	7.045	146	389053	75.617 ng	99
15) Benzyl Alcohol	7.022	79	317271	79.866 ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	620126	75.396 ng	88
17) 2-Methylphenol	7.128	107	265517	76.865 ng	99
18) Hexachloroethane	7.386	117	139795	78.387 ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	249355	75.502 ng	98
20) 3+4-Methylphenols	7.287	107	299182	73.473 ng	97
22) Acetophenone	7.292	105	409610	72.994 ng	94
24) Nitrobenzene	7.463	77	385188	78.328 ng	98
25) Isophorone	7.704	82	689837	80.522 ng	99
26) 2-Nitrophenol	7.775	139	194869	80.050 ng	94
27) 2,4-Dimethylphenol	7.816	122	287607	78.826 ng	96
28) bis(2-Chloroethoxy)met...	7.910	93	407835	76.234 ng	97
29) 2,4-Dichlorophenol	8.022	162	311260	74.016 ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	326475	75.604 ng	97
31) Naphthalene	8.186	128	920731	73.994 ng	99
32) Benzoic acid	7.951	122	213364	79.777 ng	97
33) 4-Chloroaniline	8.233	127	341033	75.146 ng	97
34) Hexachlorobutadiene	8.298	225	249435	76.645 ng	98
35) Caprolactam	8.622	113	91899	79.765 ng	96
36) 4-Chloro-3-methylphenol	8.716	107	290083	76.969 ng	98
37) 2-Methylnaphthalene	8.875	142	610532	73.386 ng	100
38) 1-Methylnaphthalene	8.975	142	586747	73.093 ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	361014	74.631 ng	99
41) Hexachlorocyclopentadiene	9.028	237	146524	78.238 ng	98
43) 2,4,6-Trichlorophenol	9.151	196	254681	77.355 ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144176.D
Acq On : 05 Nov 2025 16:49
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Nov 05 17:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	268940	75.791 ng	98
46) 1,1'-Biphenyl	9.339	154	749883	72.784 ng	99
47) 2-Chloronaphthalene	9.369	162	641521	72.995 ng	99
48) 2-Nitroaniline	9.463	65	203746	80.348 ng	98
49) Acenaphthylene	9.780	152	889410	74.264 ng	99
50) Dimethylphthalate	9.633	163	736477	75.318 ng	100
51) 2,6-Dinitrotoluene	9.704	165	156870	79.250 ng	98
52) Acenaphthene	9.951	154	594593	74.243 ng	99
53) 3-Nitroaniline	9.875	138	167110	77.230 ng	96
54) 2,4-Dinitrophenol	9.986	184	96727	80.924 ng	96
55) Dibenzofuran	10.128	168	802174	71.517 ng	98
56) 4-Nitrophenol	10.039	139	117050	74.782 ng	93
57) 2,4-Dinitrotoluene	10.110	165	208441	78.661 ng	95
58) Fluorene	10.469	166	618508	72.526 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	203523	81.067 ng	98
60) Diethylphthalate	10.339	149	686705	76.182 ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	357010	73.492 ng	95
62) 4-Nitroaniline	10.498	138	158441	76.889 ng	98
63) Azobenzene	10.622	77	646943	77.117 ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	134894	81.136 ng	96
66) n-Nitrosodiphenylamine	10.580	169	600791	76.327 ng	99
67) 4-Bromophenyl-phenylether	10.951	248	246236	78.826 ng	97
68) Hexachlorobenzene	11.022	284	289823	78.769 ng	97
69) Atrazine	11.110	200	191862	76.645 ng	99
70) Pentachlorophenol	11.216	266	161918	88.373 ng	99
71) Phenanthrene	11.433	178	916773	75.238 ng	99
72) Anthracene	11.486	178	916037	73.934 ng	99
73) Carbazole	11.645	167	777702	73.816 ng	100
74) Di-n-butylphthalate	11.969	149	965695	75.822 ng	100
75) Fluoranthene	12.627	202	937436	74.476 ng	99
77) Benzidine	12.751	184	347077	74.828 ng	99
78) Pyrene	12.857	202	943190	74.600 ng	99
80) Butylbenzylphthalate	13.474	149	344575	78.633 ng	99
81) Benzo(a)anthracene	14.051	228	856602	78.818 ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	301919	81.046 ng	97
83) Chrysene	14.086	228	792397	78.982 ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	479285	79.898 ng	99
85) Di-n-octyl phthalate	14.645	149	855486	82.657 ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	1215637	79.403 ng	99
88) Benzo(b)fluoranthene	15.110	252	975518	80.454 ng	99
89) Benzo(k)fluoranthene	15.145	252	870791	76.728 ng	98
90) Benzo(a)pyrene	15.486	252	877623	78.458 ng	98
91) Dibenzo(a,h)anthracene	17.080	278	970735	78.952 ng	98
92) Benzo(g,h,i)perylene	17.521	276	981387	80.827 ng	98

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

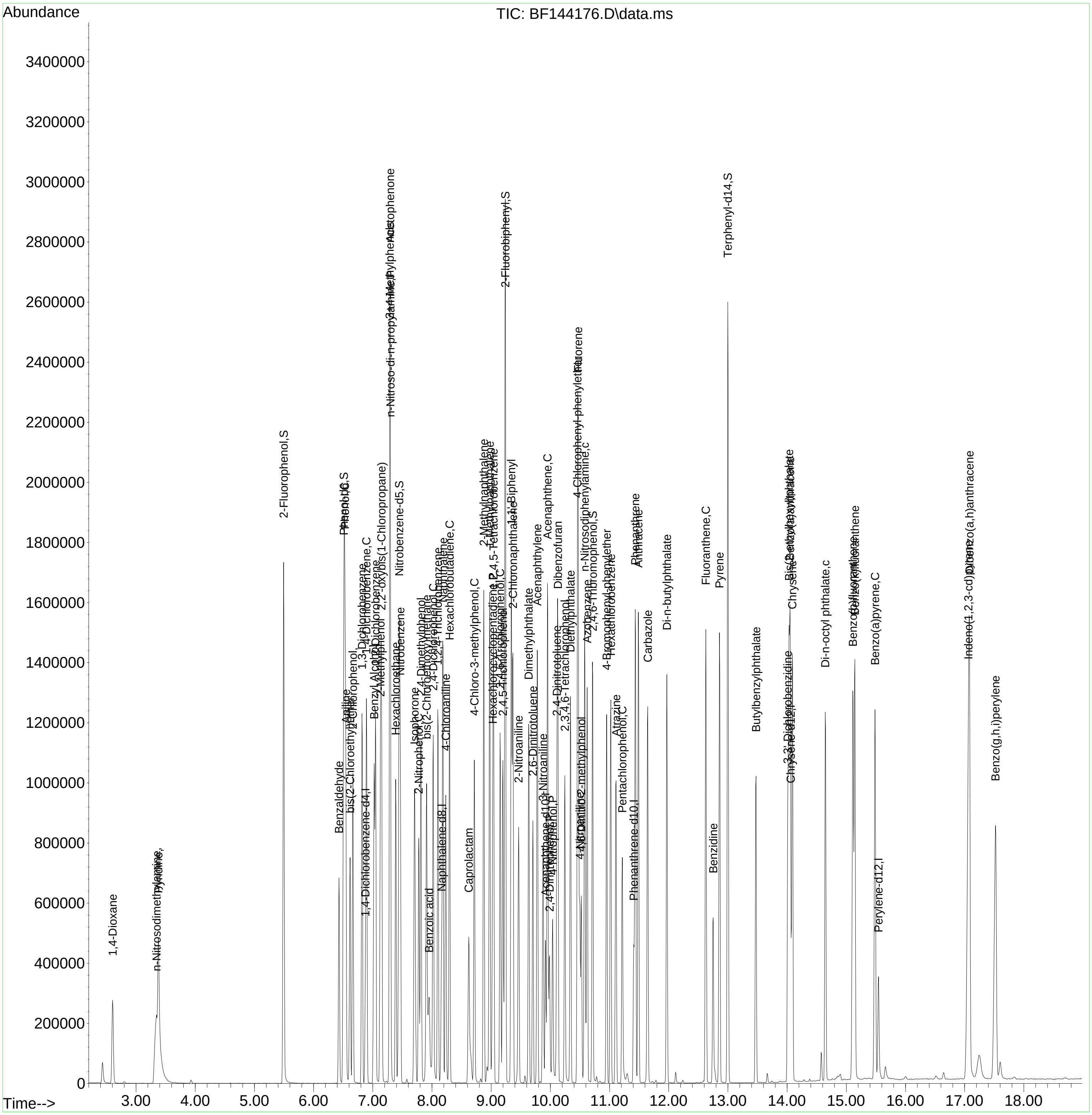
Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144176.D
Acq On : 05 Nov 2025 16:49
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

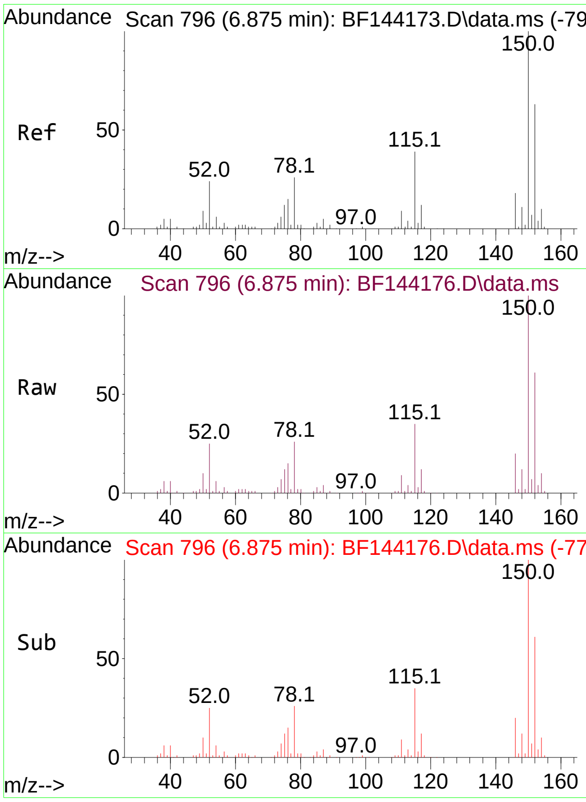
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Nov 05 17:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



ICAL Form

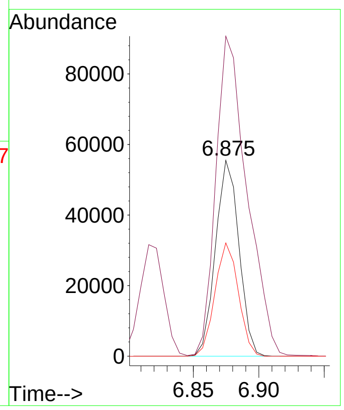
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

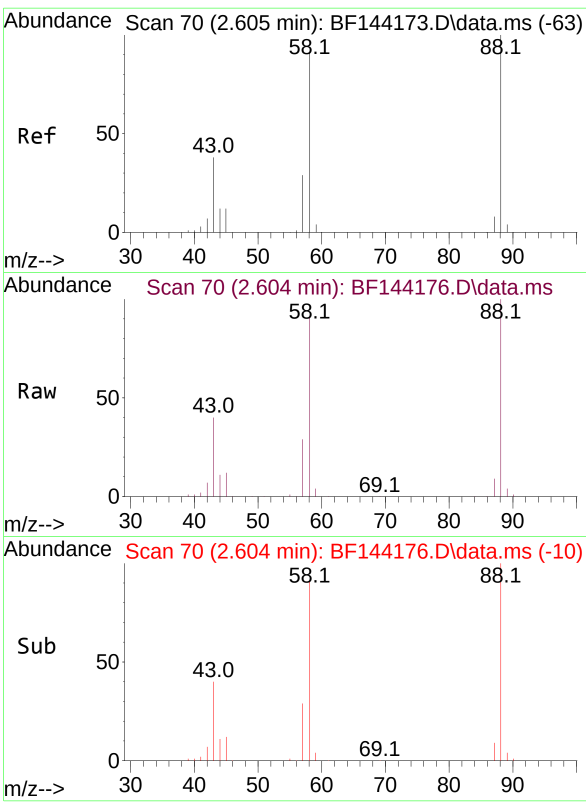


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:152 Resp: 69287

Ion	Ratio	Lower	Upper
152	100		
150	163.4	127.4	191.0
115	57.8	49.5	74.3

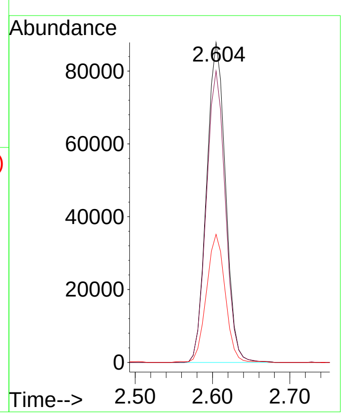




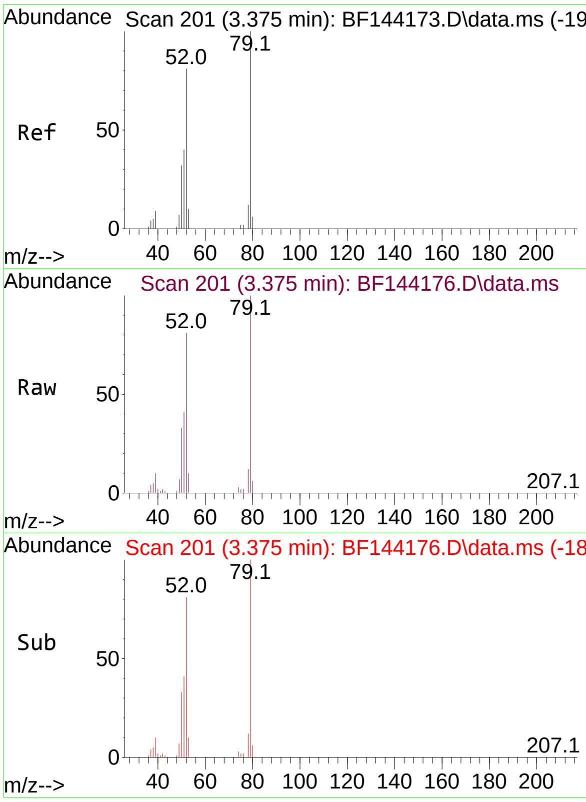
#2
1,4-Dioxane
Concen: 81.770 ng
RT: 2.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 88 Resp: 149682

Ion	Ratio	Lower	Upper
88	100		
58	91.2	73.1	109.7
43	39.7	31.0	46.6



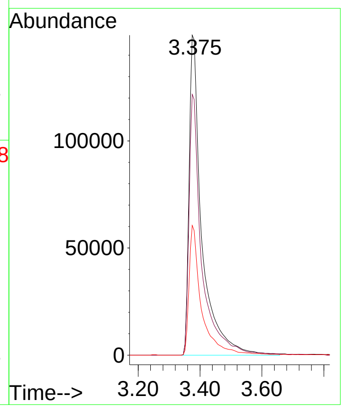
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

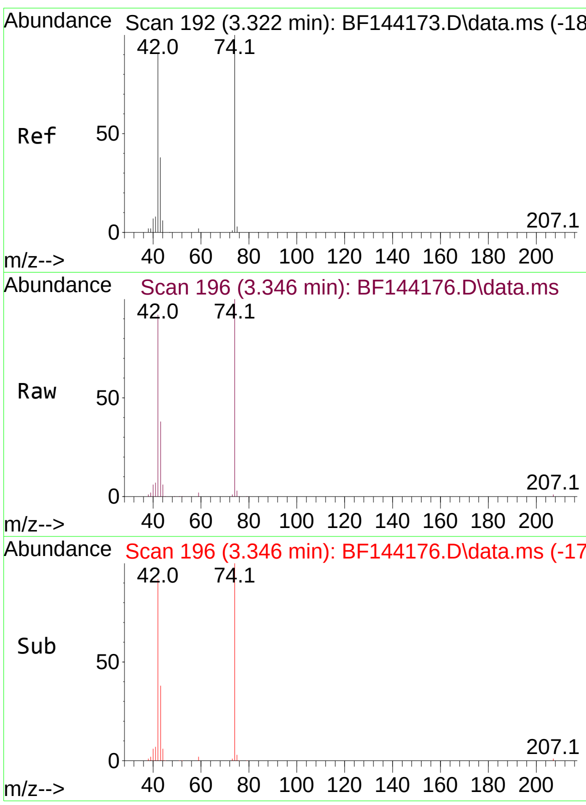


#3
Pyridine
Concen: 83.719 ng
RT: 3.375 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 79 Resp: 427549

Ion	Ratio	Lower	Upper
79	100		
52	81.5	64.5	96.7
51	40.5	31.7	47.5

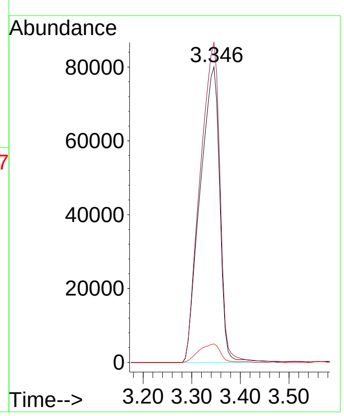




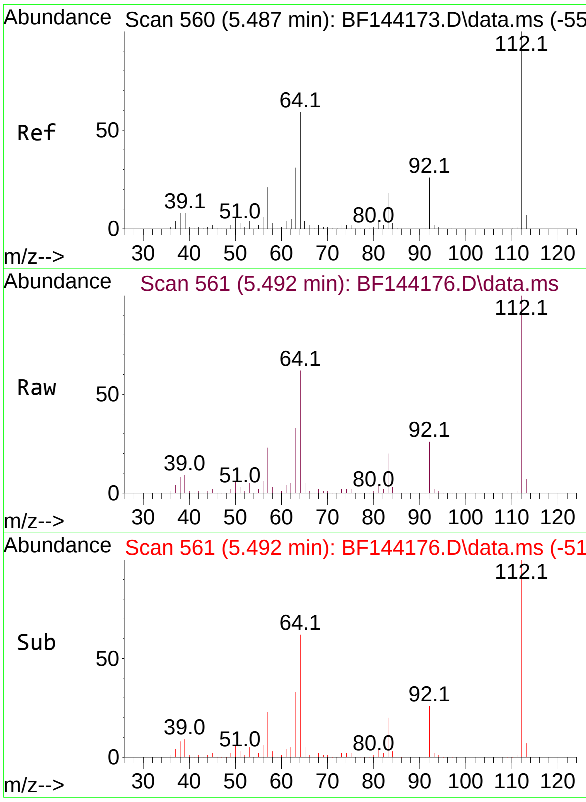
#4
n-Nitrosodimethylamine
Concen: 84.122 ng
RT: 3.346 min Scan# 196
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 42 Resp: 224403

Ion	Ratio	Lower	Upper
42	100		
74	108.2	88.2	132.4
44	6.2	5.7	8.5



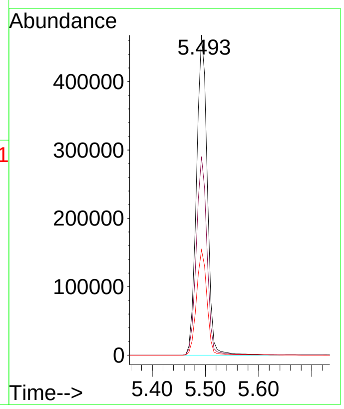
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

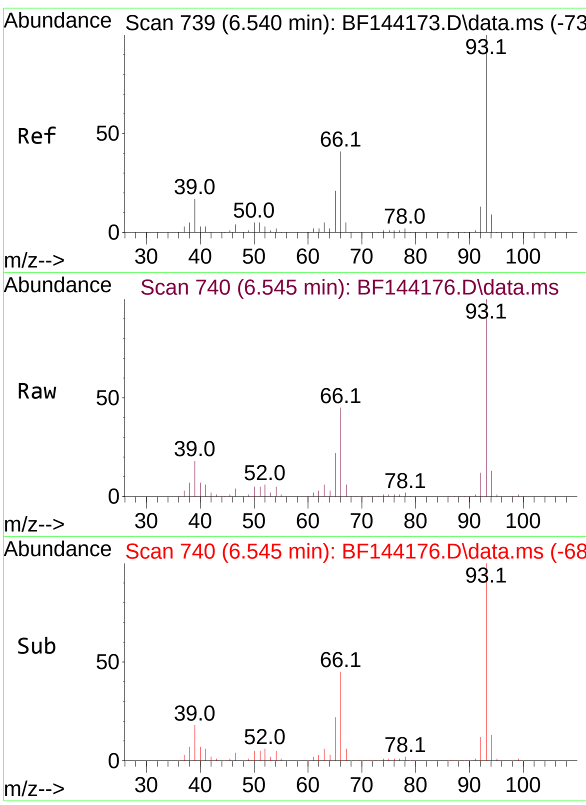


#5
2-Fluorophenol
Concen: 149.317 ng
RT: 5.492 min Scan# 56
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:112 Resp: 661124

Ion	Ratio	Lower	Upper
112	100		
64	62.0	47.2	70.8
63	32.9	24.4	36.6

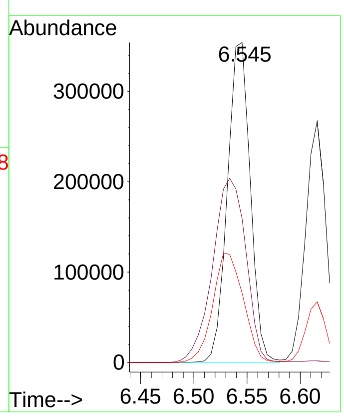




#6
Aniline
Concen: 74.439 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

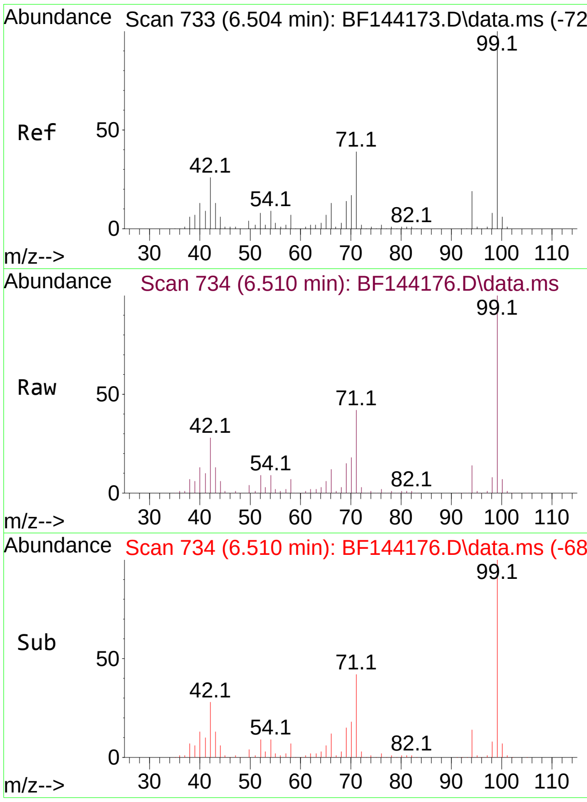
Tgt Ion: 93 Resp: 532078

Ion	Ratio	Lower	Upper
93	100		
66	44.9	34.3	51.5
65	21.6	16.9	25.3



ICAL Form

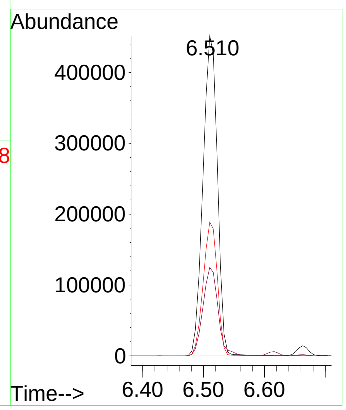
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

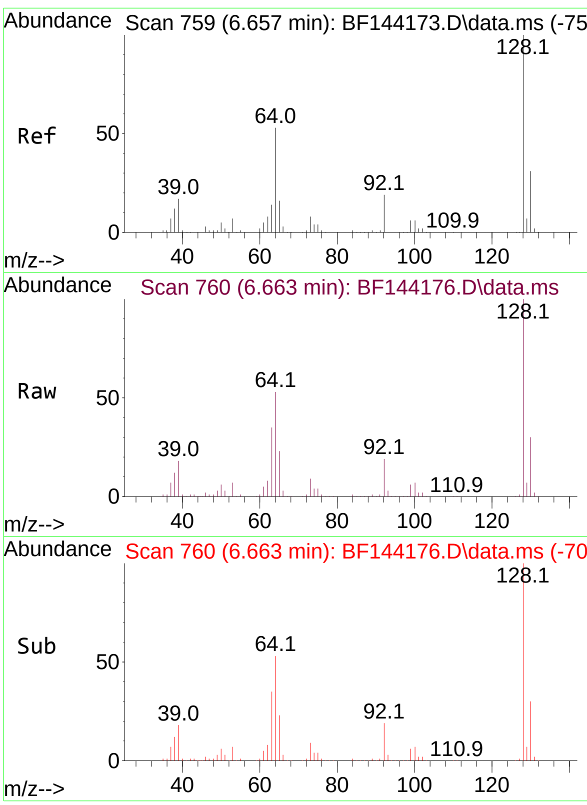


#7
Phenol-d6
Concen: 147.919 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 99 Resp: 742089

Ion	Ratio	Lower	Upper
99	100		
42	27.6	20.9	31.3
71	41.8	31.4	47.2

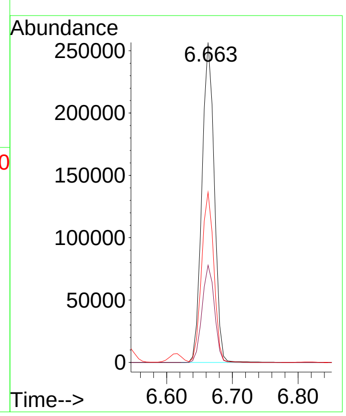




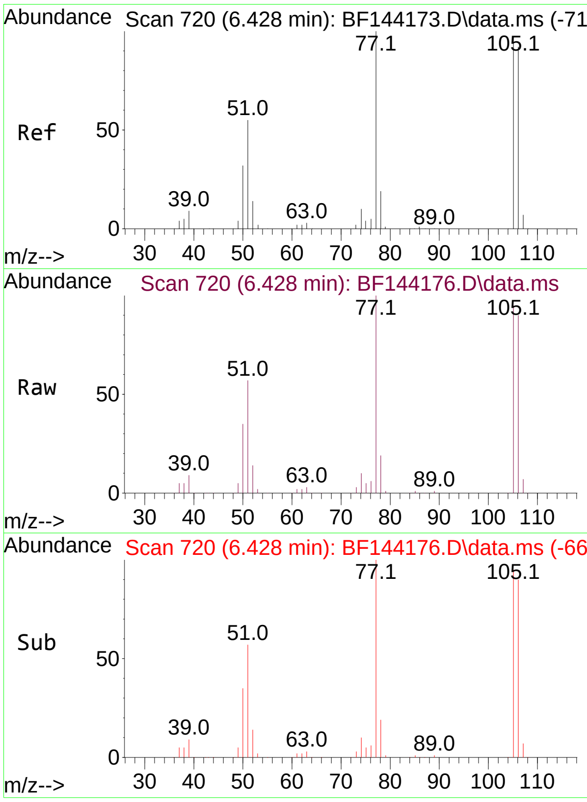
#8
2-Chlorophenol
Concen: 76.859 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:128 Resp: 333730

Ion	Ratio	Lower	Upper
128	100		
130	30.4	10.5	50.5
64	53.2	33.2	73.2



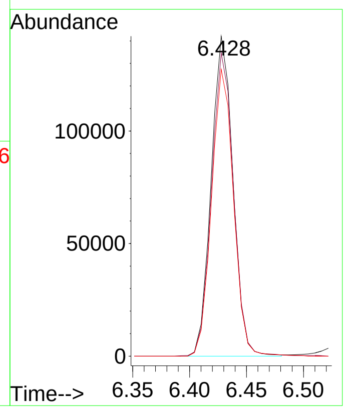
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

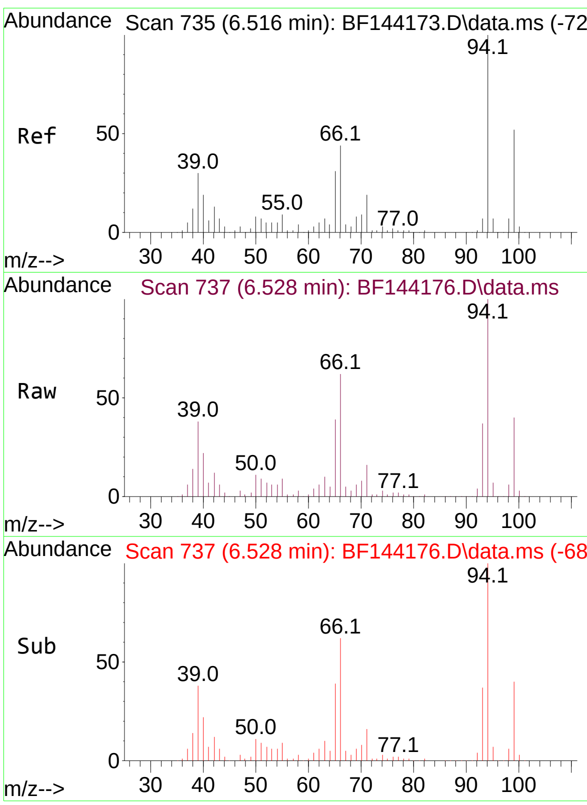


#9
Benzaldehyde
Concen: 66.820 ng
RT: 6.428 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 77 Resp: 189297

Ion	Ratio	Lower	Upper
77	100		
105	94.7	77.2	117.2
106	89.6	72.2	112.2

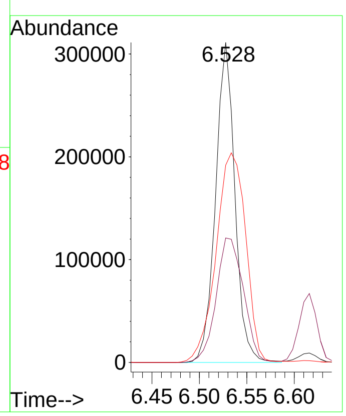




#10
Phenol
Concen: 72.080 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

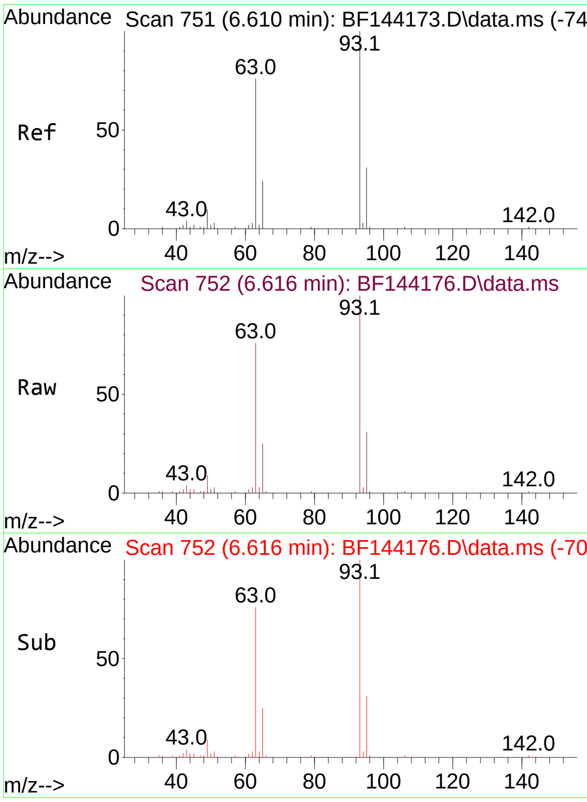
Tgt Ion: 94 Resp: 441818

Ion	Ratio	Lower	Upper
94	100		
65	38.9	10.8	50.8
66	61.6	24.3	64.3



ICAL Form

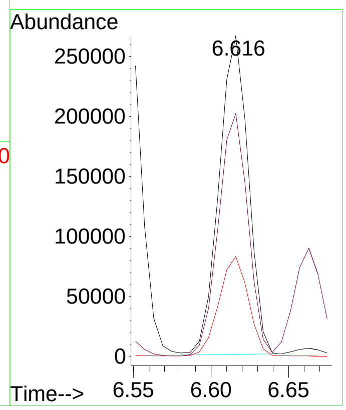
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

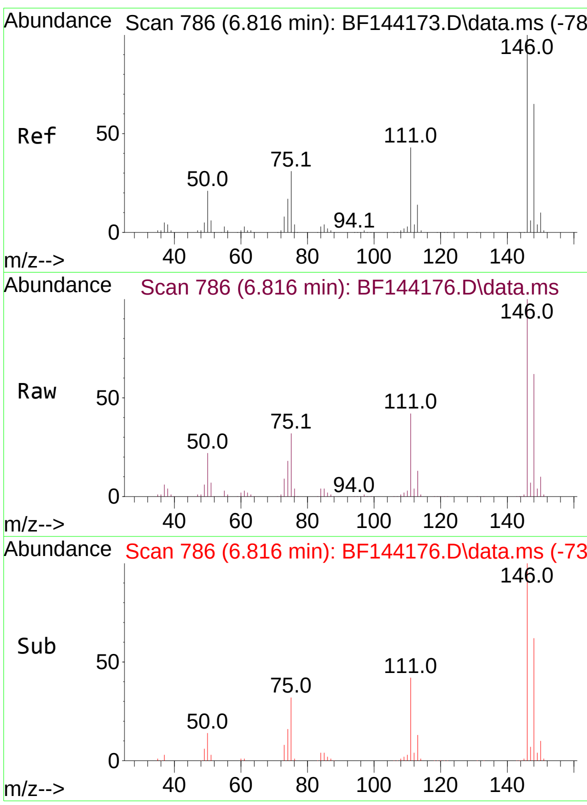


#11
bis(2-Chloroethyl)ether
Concen: 78.104 ng
RT: 6.616 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 93 Resp: 348844

Ion	Ratio	Lower	Upper
93	100		
63	75.8	55.2	95.2
95	31.1	11.2	51.2

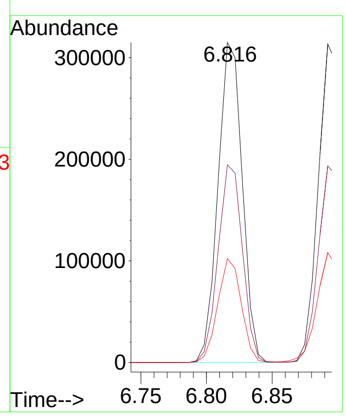




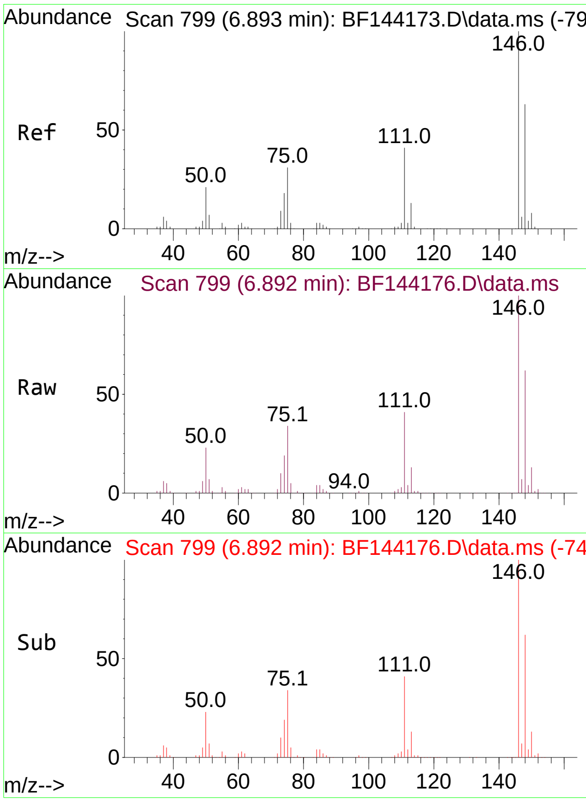
#12
1,3-Dichlorobenzene
Concen: 75.913 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:146 Resp: 406743

Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.8	77.8
75	32.4	25.0	37.4



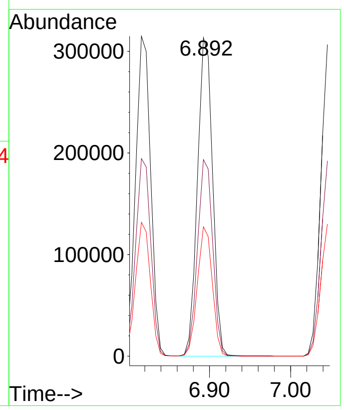
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

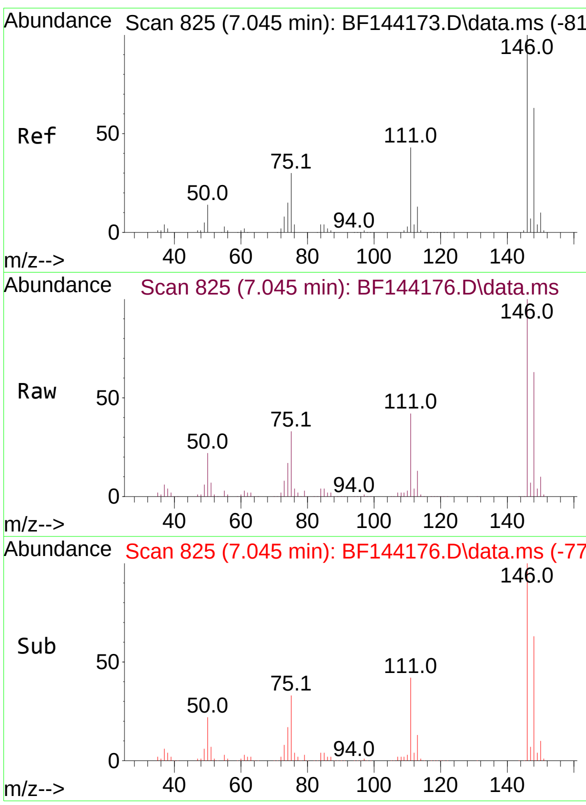


#13
1,4-Dichlorobenzene
Concen: 75.597 ng
RT: 6.892 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:146 Resp: 405797

Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.2	75.2
111	40.6	32.6	48.8

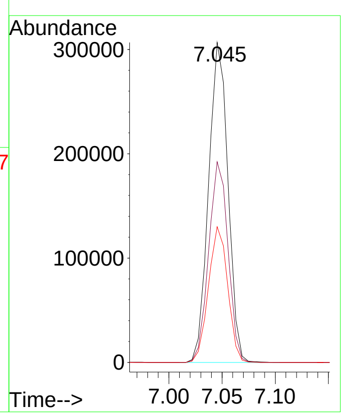




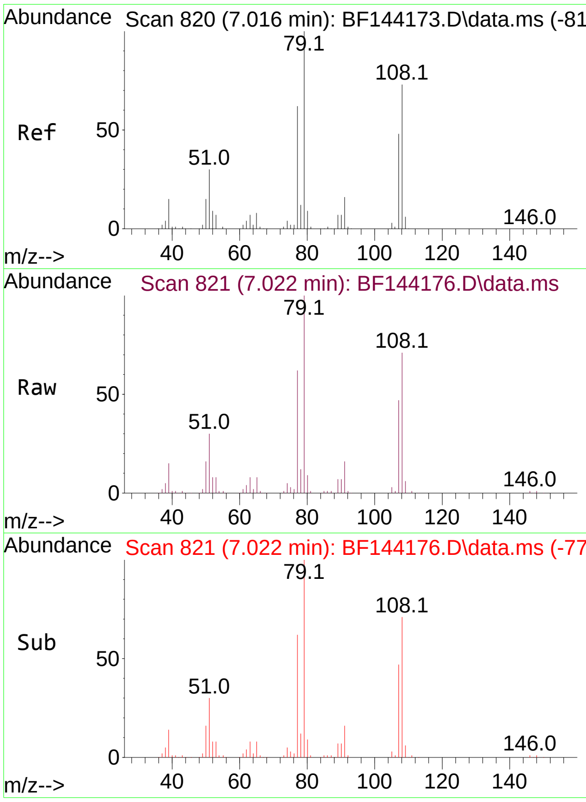
#14
1,2-Dichlorobenzene
Concen: 75.617 ng
RT: 7.045 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:146 Resp: 389053

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.7	76.1
111	42.4	34.2	51.4



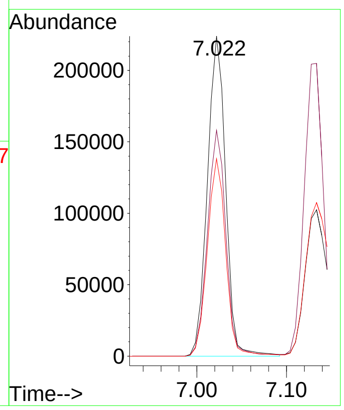
Instrument : BNA_F
ClientSampleId : SSTDICC080

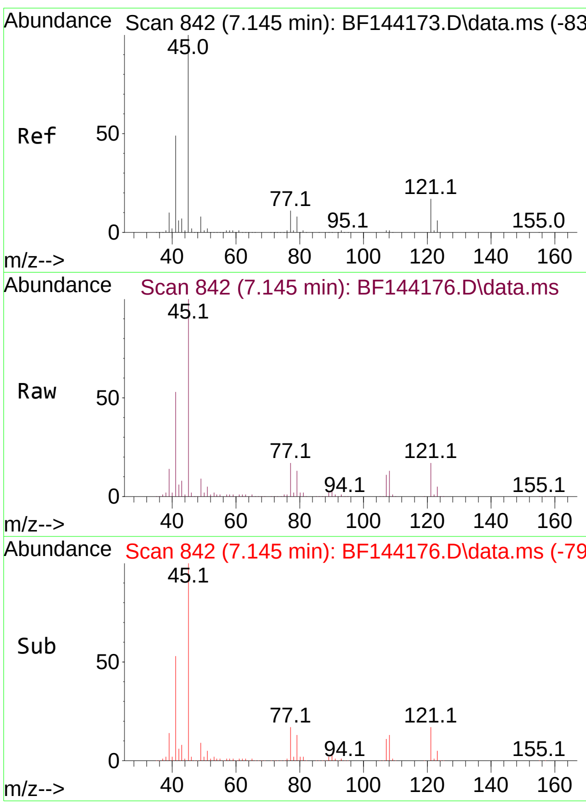


#15
Benzyl Alcohol
Concen: 79.866 ng
RT: 7.022 min   Scan# 8
Delta R.T.   0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025   16:49

Tgt Ion: 79 Resp: 317271

Ion	Ratio	Lower	Upper
79	100		
108	70.6	58.2	87.4
77	61.7	49.9	74.9

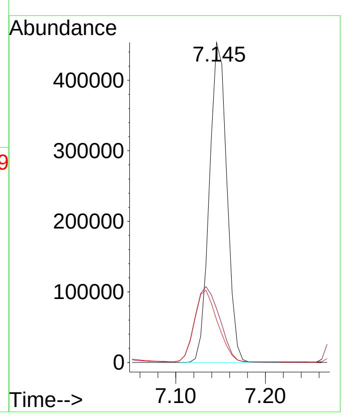




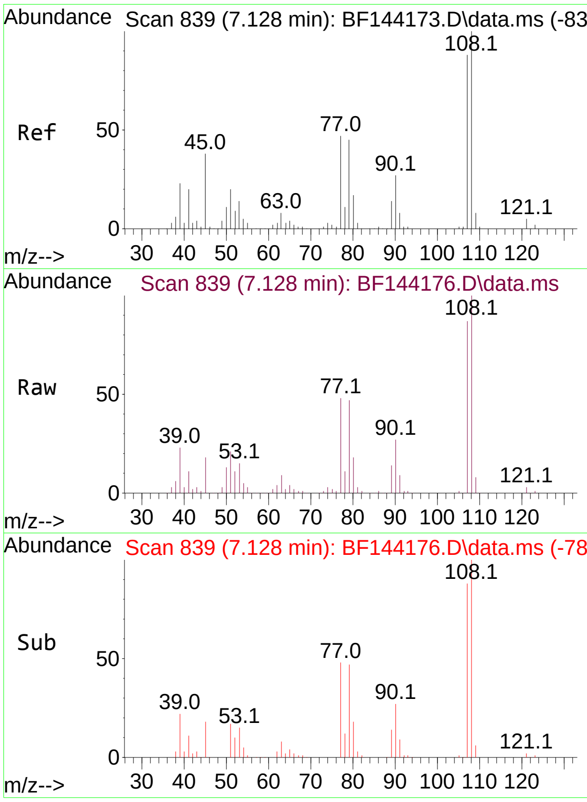
#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.396 ng
RT: 7.145 min   Scan# 842
Delta R.T.   0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025   16:49

Tgt Ion: 45 Resp: 620126

Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	31.8
79	13.3	0.0	29.1



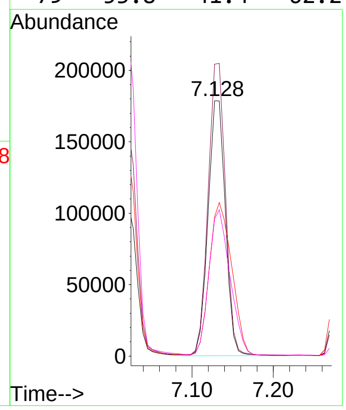
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

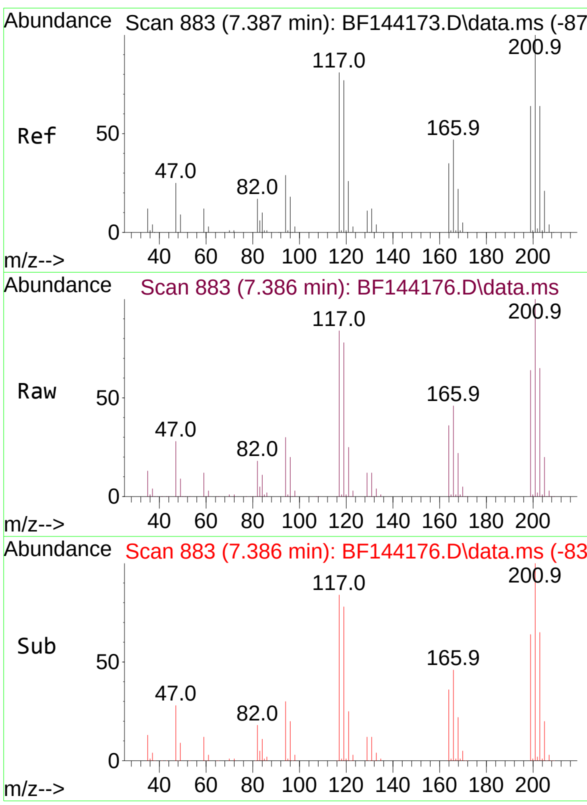


#17
2-Methylphenol
Concen: 76.865 ng
RT: 7.128 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:107 Resp: 265517

Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.4
77	54.6	42.7	64.1
79	53.8	41.4	62.2

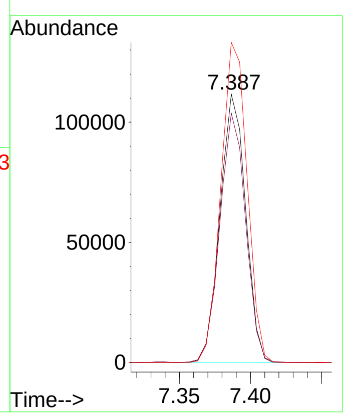




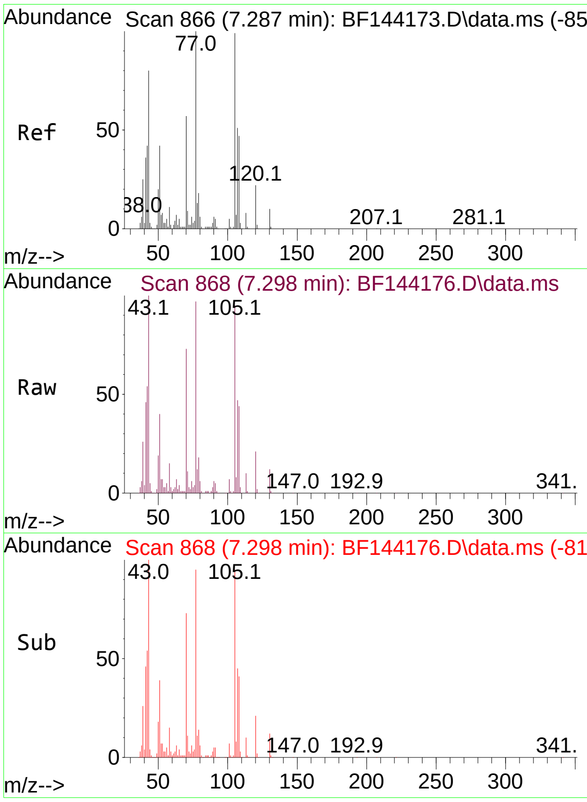
#18
Hexachloroethane
Concen: 78.387 ng
RT: 7.386 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:117 Resp: 139795

Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.8	113.8
201	119.4	98.9	148.3



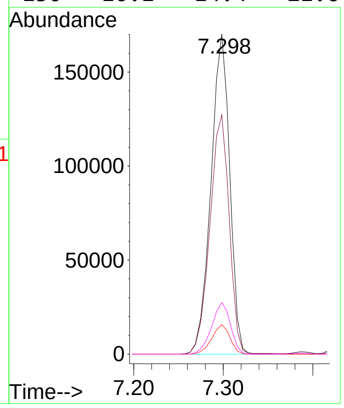
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

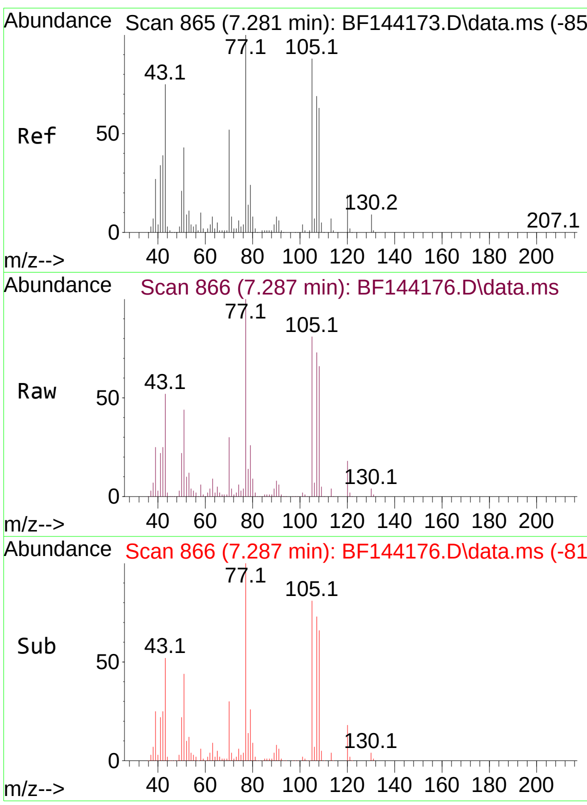


#19
n-Nitroso-di-n-propylamine
Concen: 75.502 ng
RT: 7.298 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 70 Resp: 249355

Ion	Ratio	Lower	Upper
70	100		
42	74.7	58.3	87.5
101	9.2	7.0	10.6
130	16.1	14.4	21.6

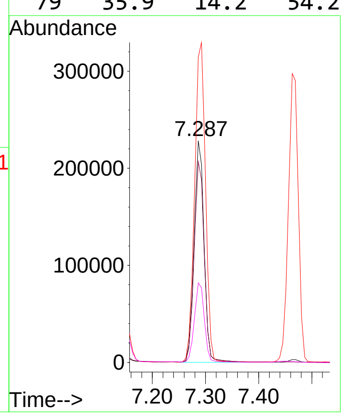




#20
3+4-Methylphenols
Concen: 73.473 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

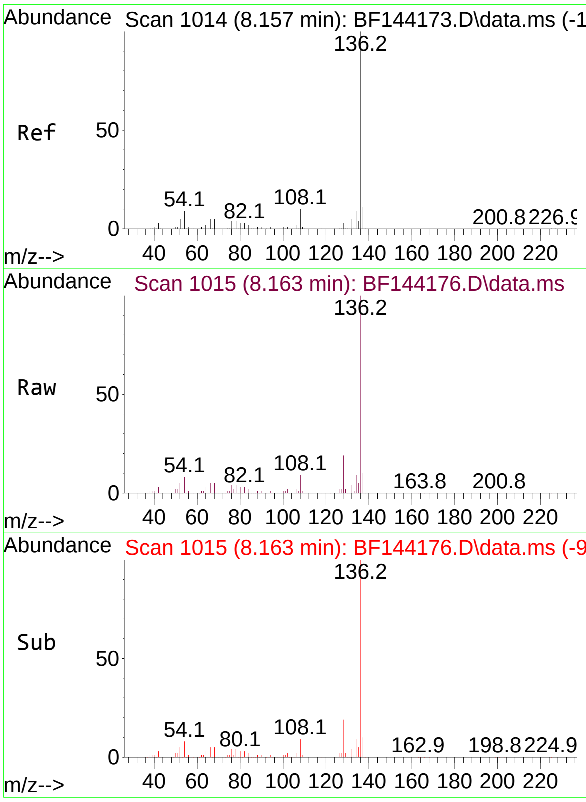
Tgt Ion:107 Resp: 299182

Ion	Ratio	Lower	Upper
107	100		
108	90.6	70.2	110.2
77	137.9	123.9	163.9
79	35.9	14.2	54.2



ICAL Form

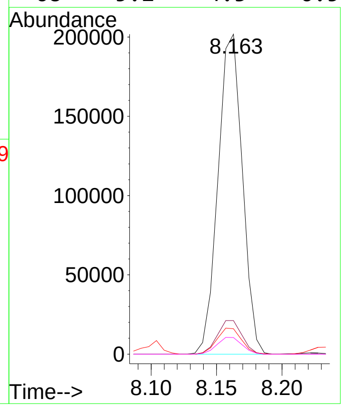
Instrument : BNA_F
ClientSampleId : SSTDICC080

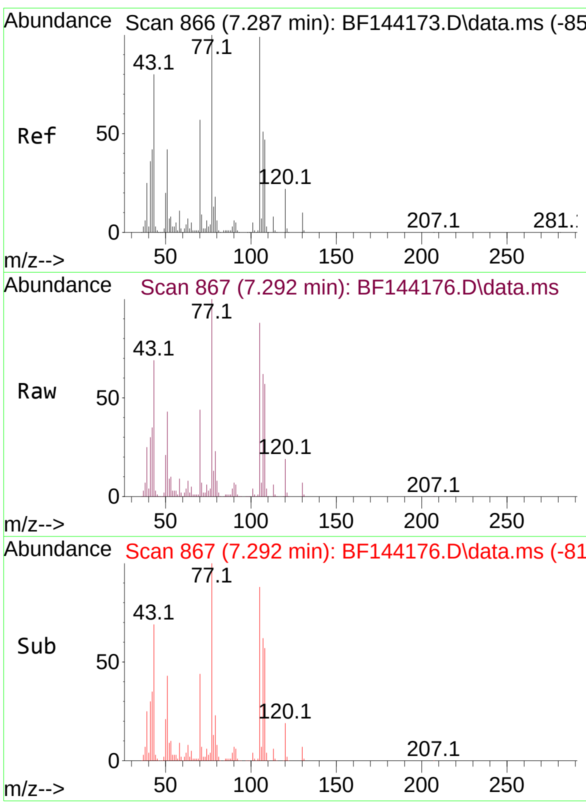


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:136 Resp: 261584

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.9	7.0	10.6
68	5.2	4.3	6.5

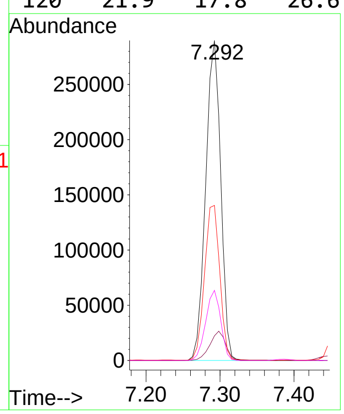




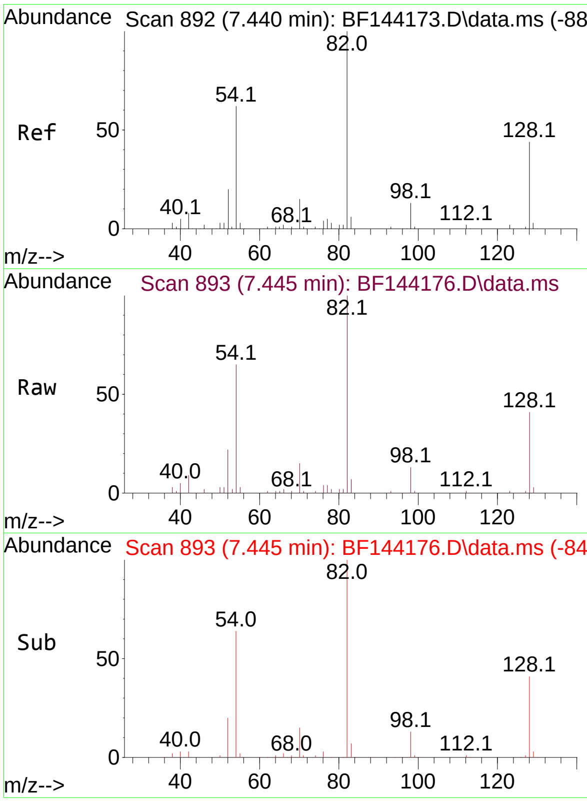
#22
Acetophenone
Concen: 72.994 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:105 Resp: 409610

Ion	Ratio	Lower	Upper
105	100		
71	7.7	7.2	10.8
51	48.4	34.0	51.0
120	21.9	17.8	26.6

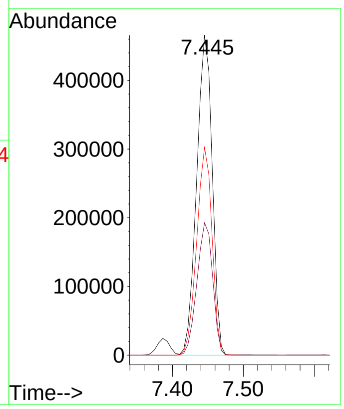


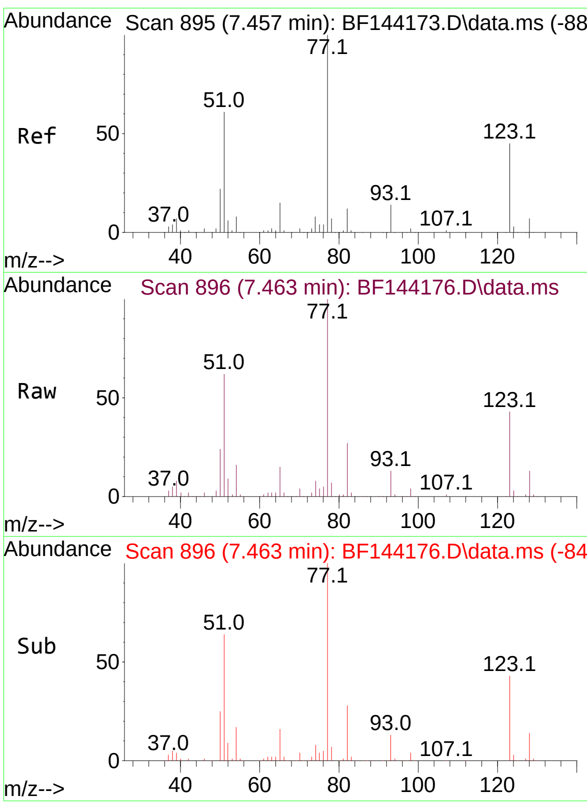
Instrument :
BNA_F
ClientSampleId :
SSTDICC080




```
#23
Nitrobenzene-d5
Concen:  156.207 ng
RT:   7.445 min  Scan# 89
Delta R.T.  0.000 min
Lab File:   BF144176.D
Acq: 05 Nov 2025  16:49

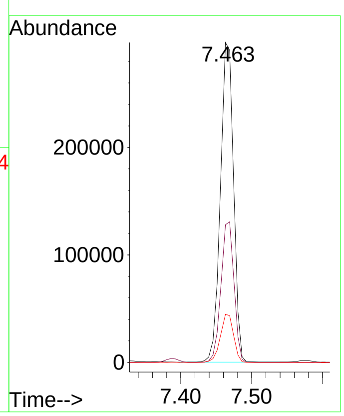
Tgt Ion: 82 Resp:  707494
Ion  Ratio  Lower  Upper
 82  100
128   41.3   34.7   52.1
 54   64.9   49.5   74.3
```





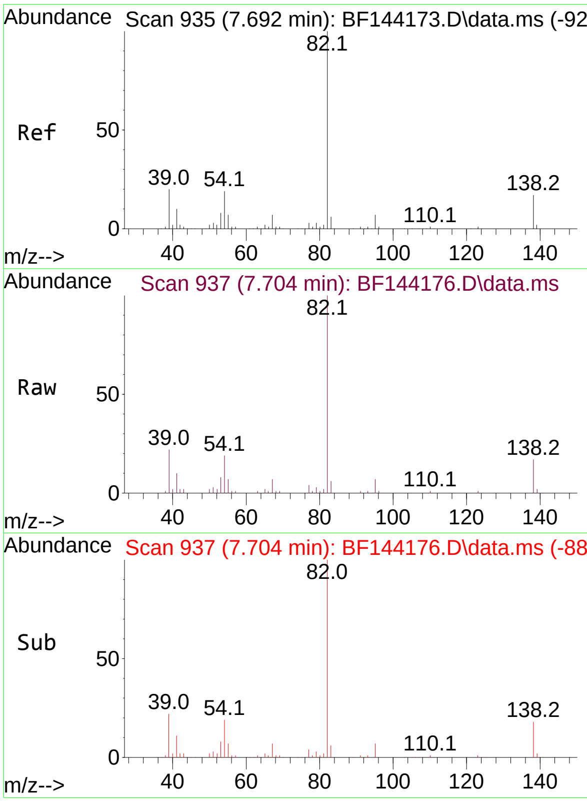

```
#24
Nitrobenzene
Concen:   78.328 ng
RT:   7.463 min  Scan# 896
Delta R.T.  0.000 min
Lab File:   BF144176.D
Acq: 05 Nov 2025  16:49

Tgt Ion: 77 Resp:  385188
Ion  Ratio  Lower  Upper
 77  100
123   43.0   35.8   53.8
 65   15.0   12.2   18.2
```



ICAL Form

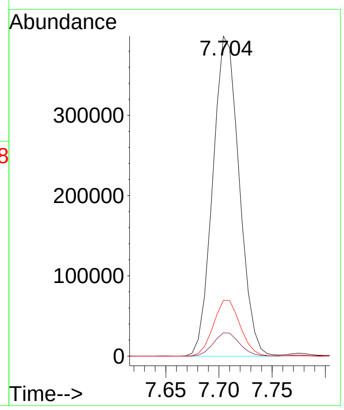
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

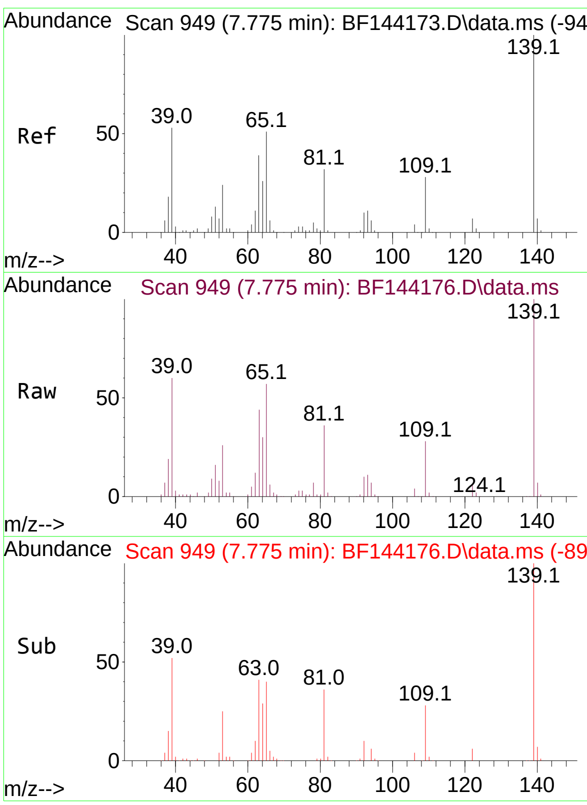


#25
Isophorone
Concen: 80.522 ng
RT: 7.704 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 82 Resp: 689837

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.5	8.3
138	17.4	13.7	20.5

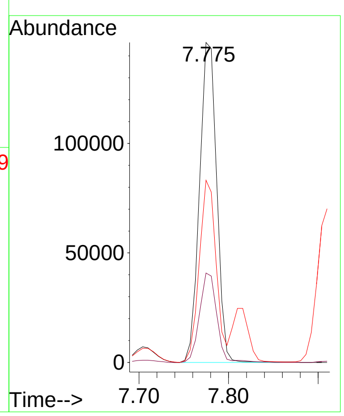




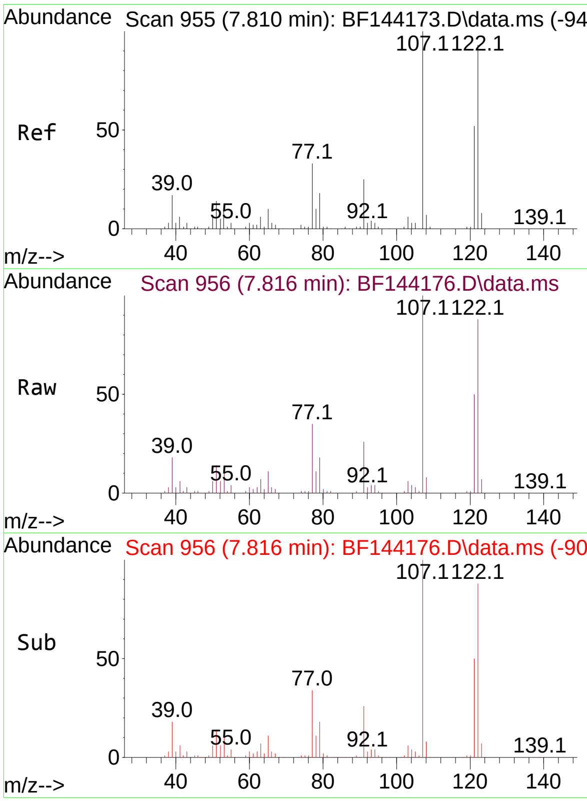
#26
2-Nitrophenol
Concen: 80.050 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:139 Resp: 194869

Ion	Ratio	Lower	Upper
139	100		
109	27.9	22.2	33.2
65	56.9	40.7	61.1



ICAL Form

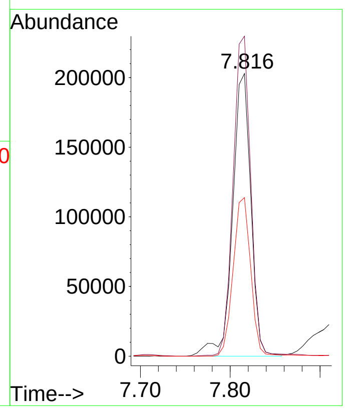


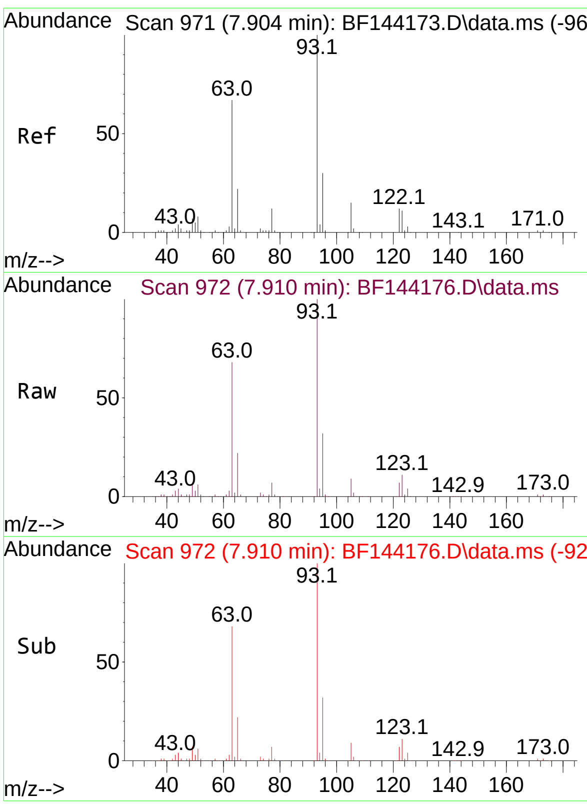
#27
2,4-Dimethylphenol
Concen: 78.826 ng
RT: 7.816 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 287607

Ion	Ratio	Lower	Upper
122	100		
107	113.2	86.2	129.4
121	56.1	44.6	66.8

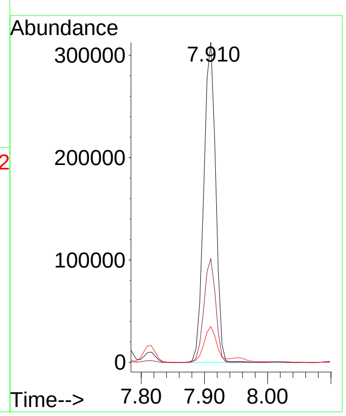




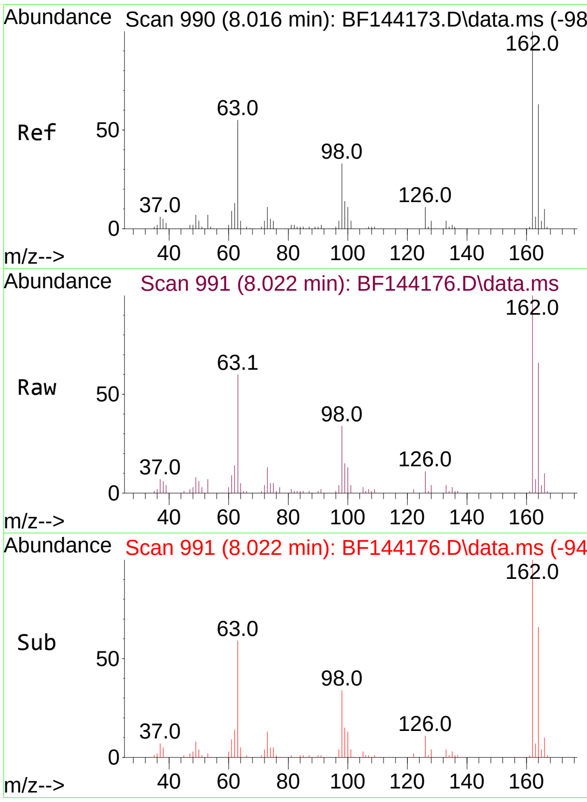
#28
bis(2-Chloroethoxy)methane
Concen: 76.234 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 93 Resp: 407835

Ion	Ratio	Lower	Upper
93	100		
95	32.4	24.2	36.4
123	11.2	9.0	13.4



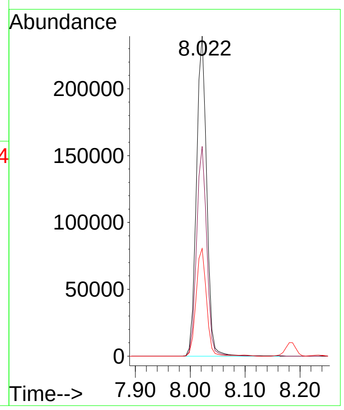
Instrument : BNA_F
ClientSampleId : SSTDICC080

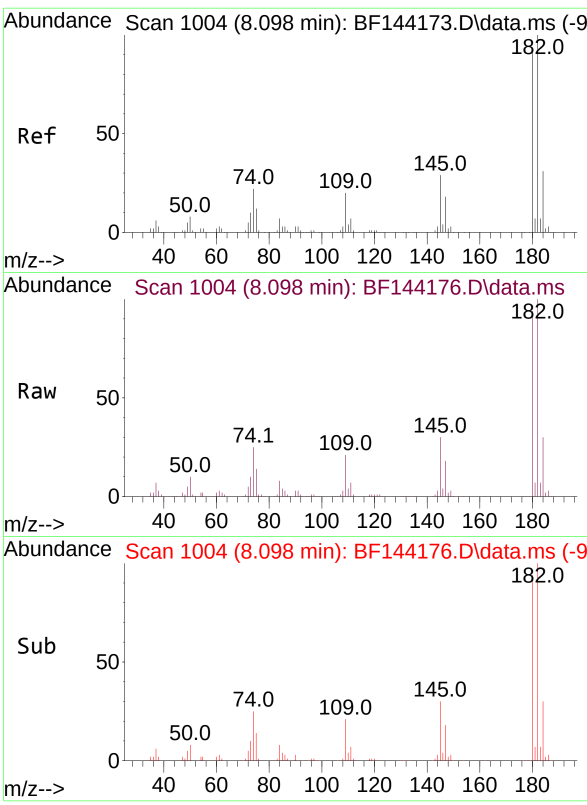


#29
2,4-Dichlorophenol
Concen: 74.016 ng
RT: 8.022 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:162 Resp: 311260

Ion	Ratio	Lower	Upper
162	100		
164	65.5	42.9	82.9
98	33.6	13.3	53.3

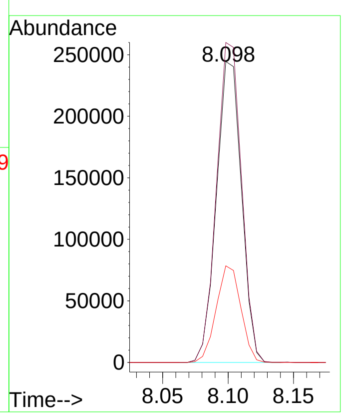




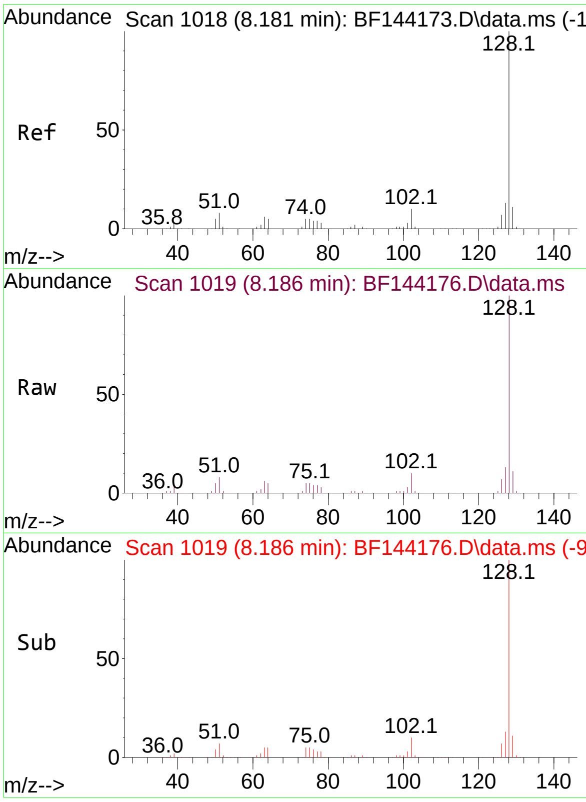
#30
1,2,4-Trichlorobenzene
Concen: 75.604 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:180 Resp: 326475

Ion	Ratio	Lower	Upper
180	100		
182	106.3	87.7	131.5
145	32.1	25.4	38.0



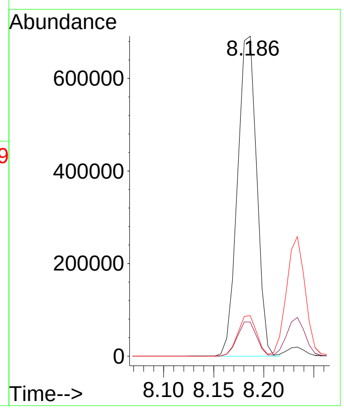
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

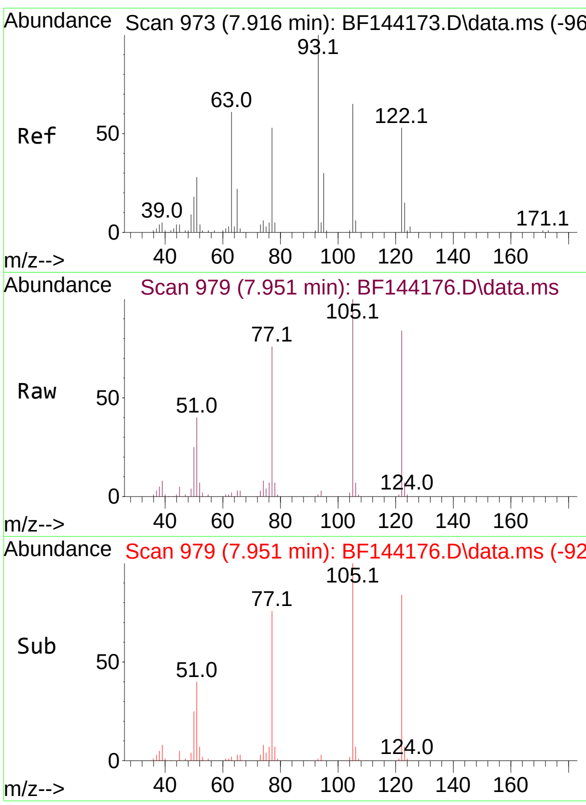


#31
Naphthalene
Concen: 73.994 ng
RT: 8.186 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:128 Resp: 920731

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	12.6	10.3	15.5

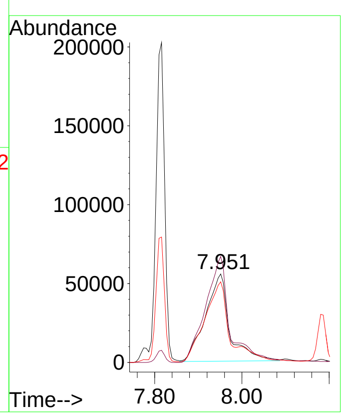




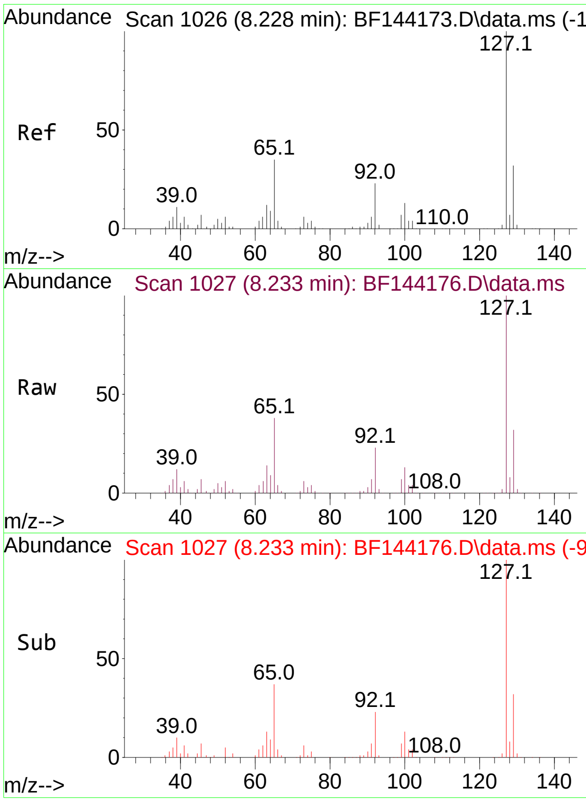
#32
Benzoic acid
Concen: 79.777 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:122 Resp: 213364

Ion	Ratio	Lower	Upper
122	100		
105	119.6	99.9	139.9
77	91.1	77.5	117.5



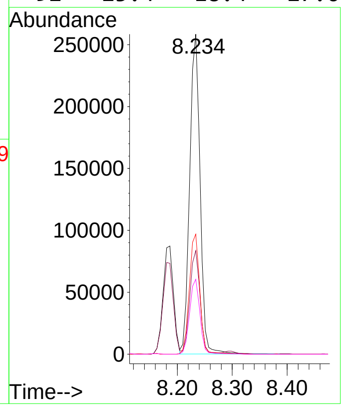
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

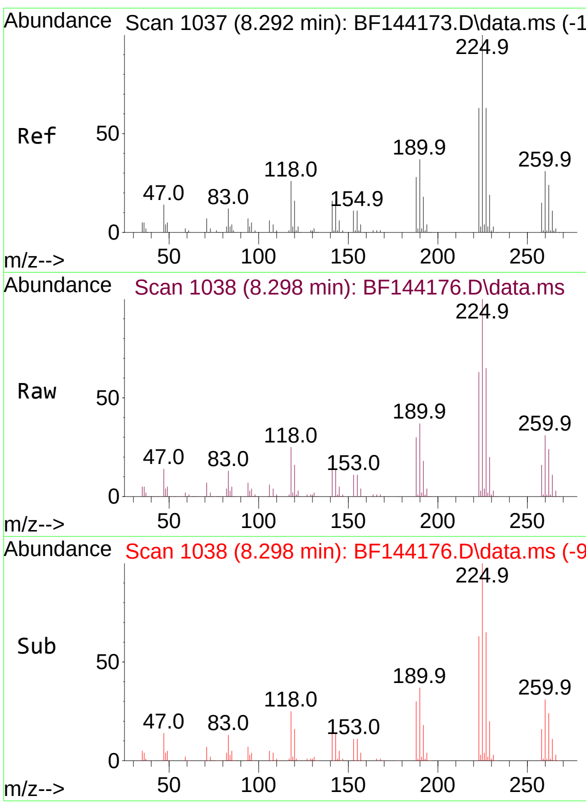


#33
4-Chloroaniline
Concen: 75.146 ng
RT: 8.233 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:127 Resp: 341033

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.3	37.9
65	37.5	27.6	41.4
92	23.4	18.4	27.6

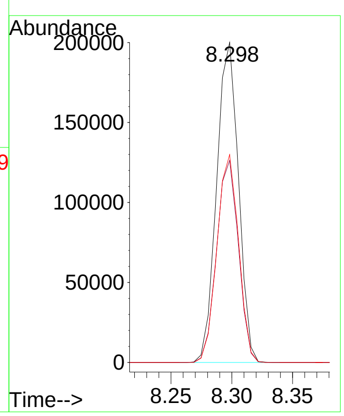




#34
Hexachlorobutadiene
Concen: 76.645 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

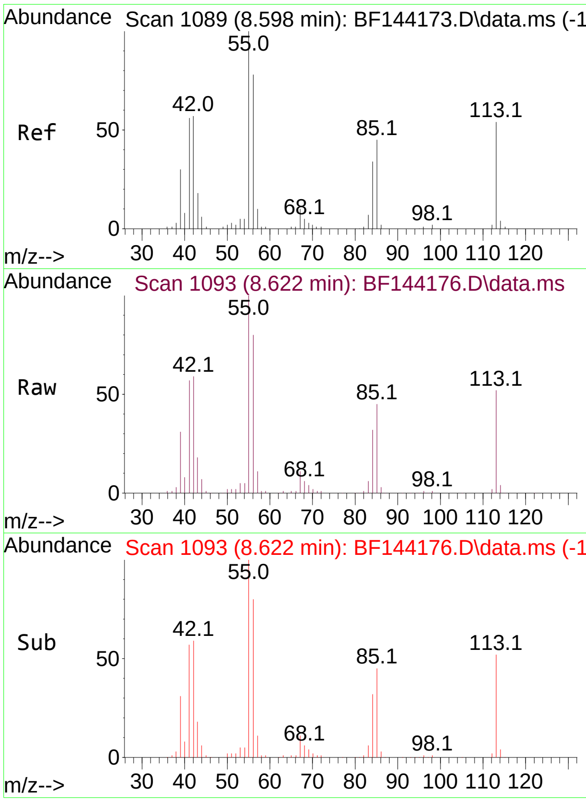
Tgt Ion:225 Resp: 249435

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.4
227	64.9	50.1	75.1



ICAL Form

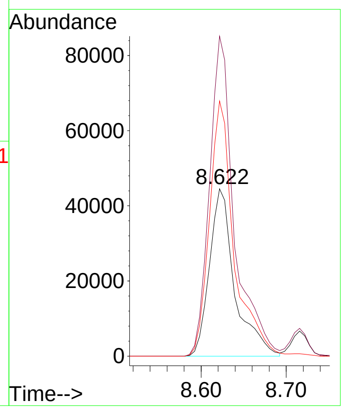
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

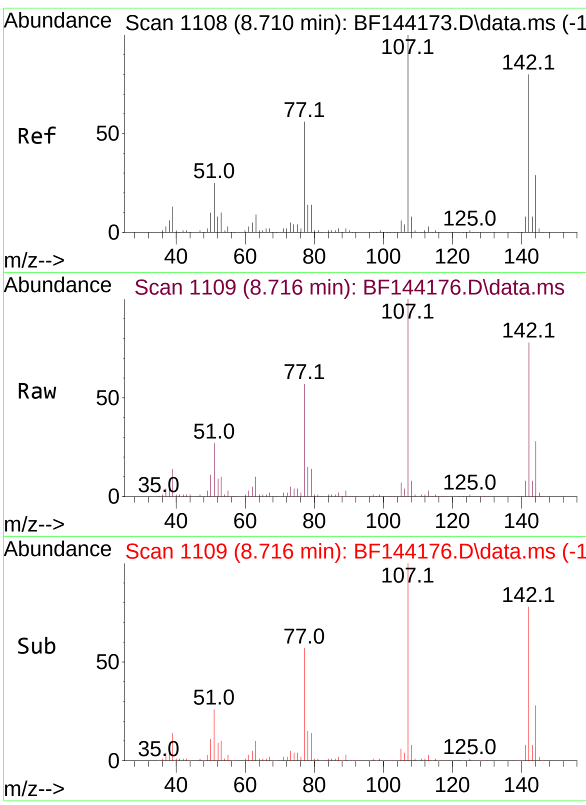


#35
Caprolactam
Concen: 79.765 ng
RT: 8.622 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025   16:49

Tgt Ion:113 Resp: 91899

Ion	Ratio	Lower	Upper
113	100		
55	191.2	166.8	206.8
56	152.5	125.9	165.9

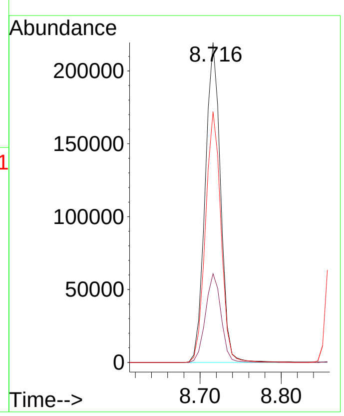




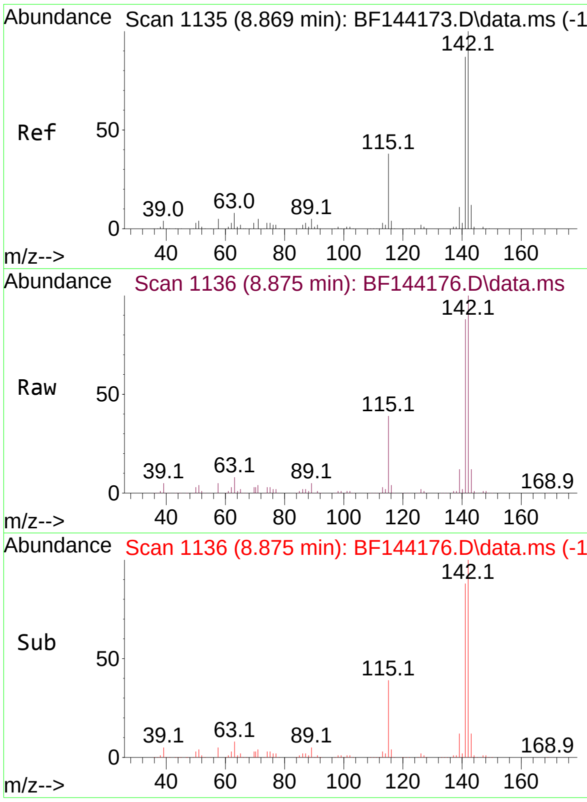
#36
4-Chloro-3-methylphenol
Concen: 76.969 ng
RT: 8.716 min   Scan# 1109
Delta R.T.   0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025   16:49

Tgt Ion:107 Resp: 290083

Ion	Ratio	Lower	Upper
107	100		
144	27.7	23.3	34.9
142	78.3	63.8	95.6



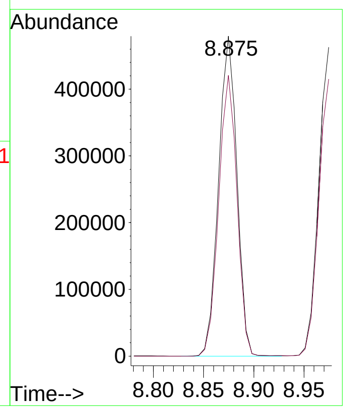
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

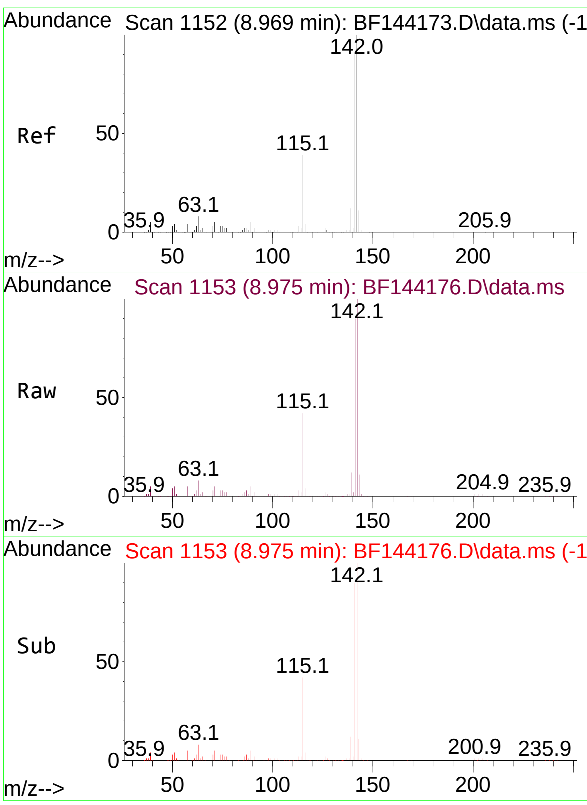


#37
2-Methylnaphthalene
Concen: 73.386 ng
RT: 8.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:142 Resp: 610532

Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.9	104.9

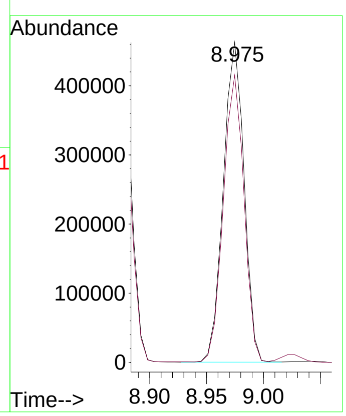




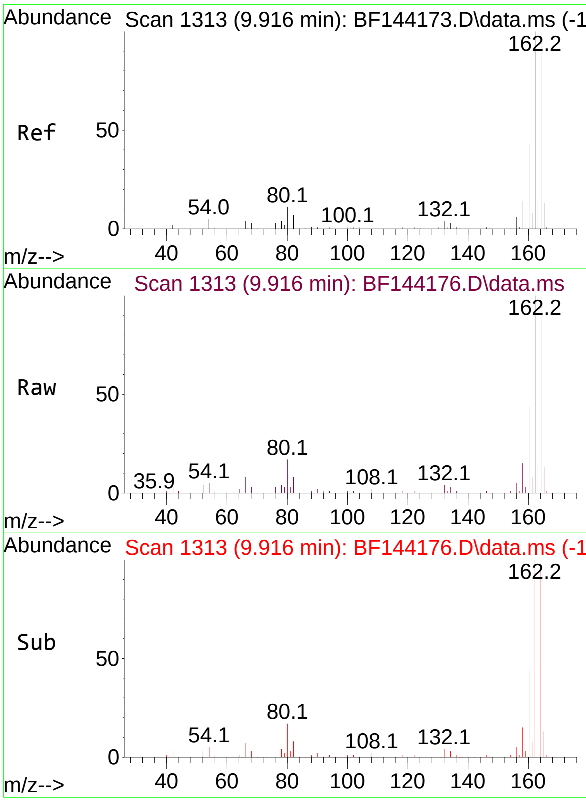
#38
1-Methylnaphthalene
Concen: 73.093 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:142 Resp: 586747

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.1	108.1



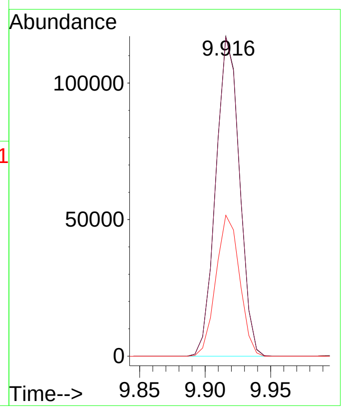
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

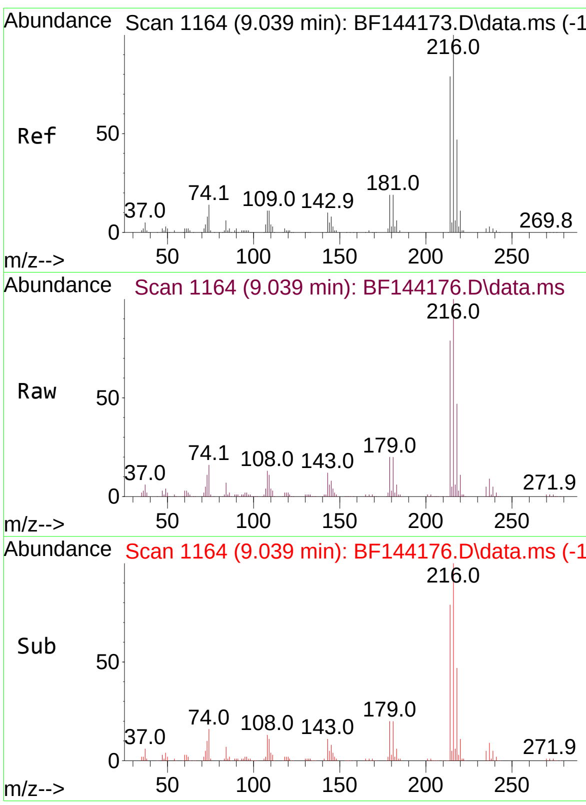


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:164 Resp: 147600

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.1	121.7
160	44.0	34.5	51.7

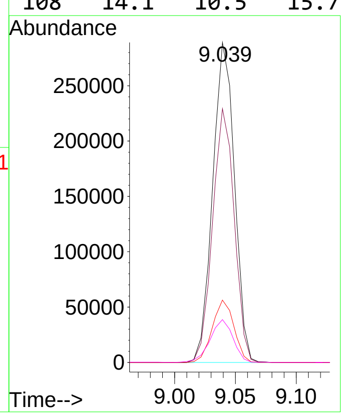




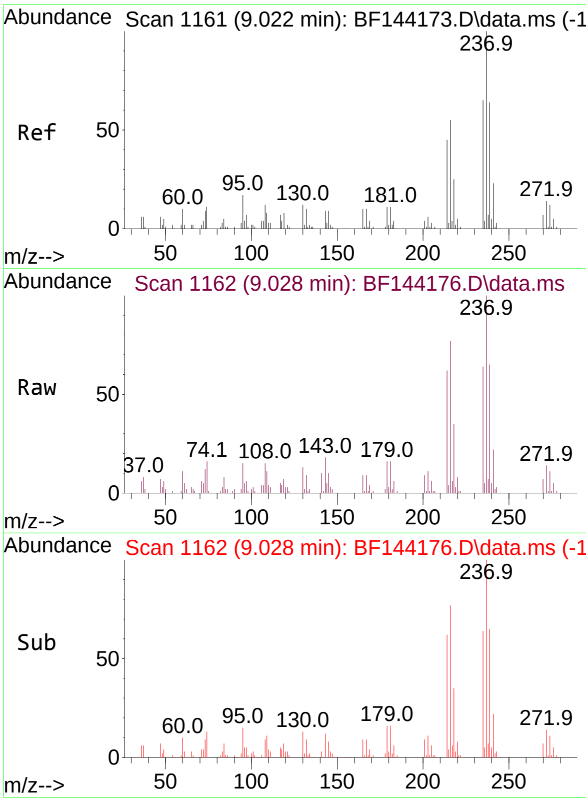
#40
1,2,4,5-Tetrachlorobenzene
Concen: 74.631 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:216 Resp: 361014

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.2
179	19.3	15.0	22.4
108	14.1	10.5	15.7



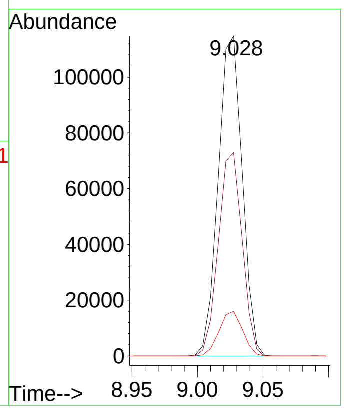
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

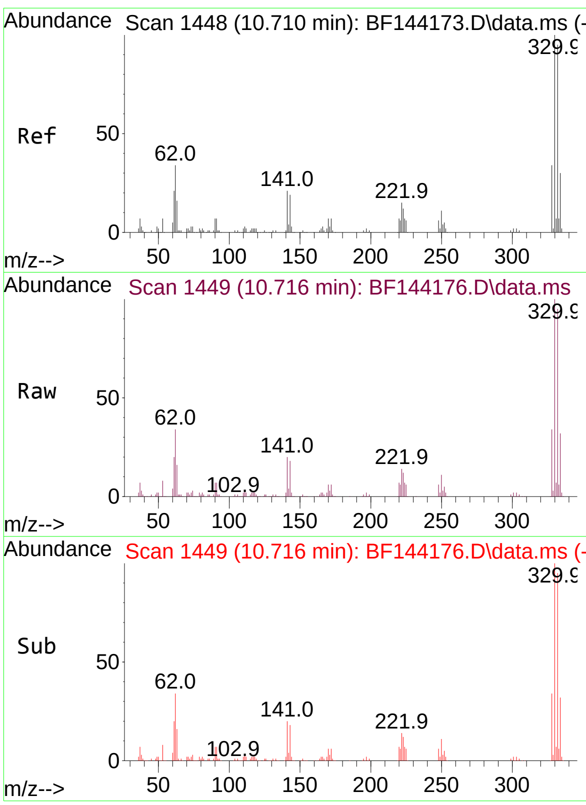


#41
Hexachlorocyclopentadiene
Concen: 78.238 ng
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:237 Resp: 146524

Ion	Ratio	Lower	Upper
237	100		
235	63.5	45.5	85.5
272	13.9	0.0	33.5

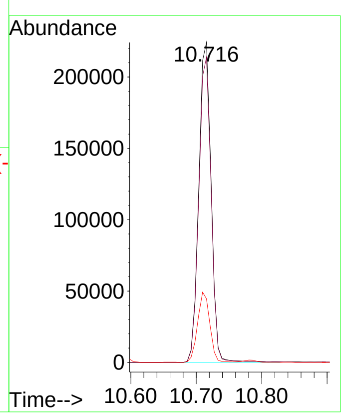




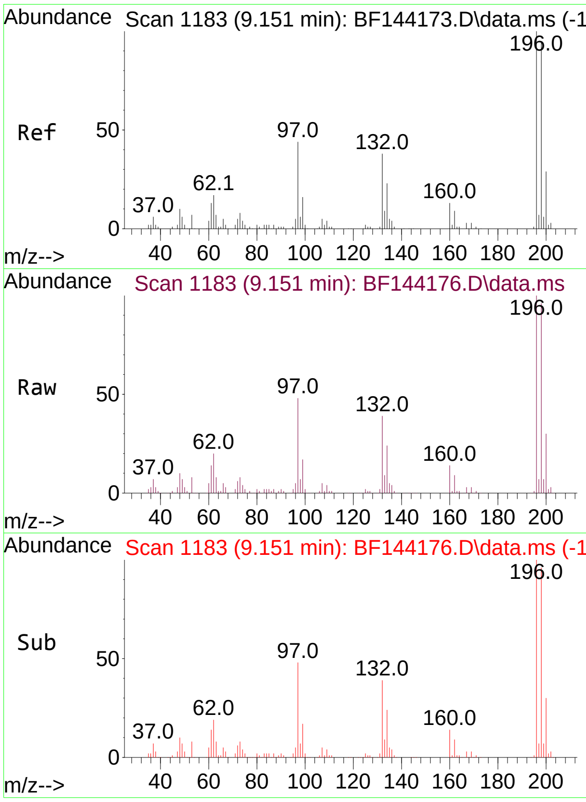
#42
2,4,6-Tribromophenol
Concen: 158.489 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:330 Resp: 293555

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.7	115.1
141	21.7	17.8	26.8



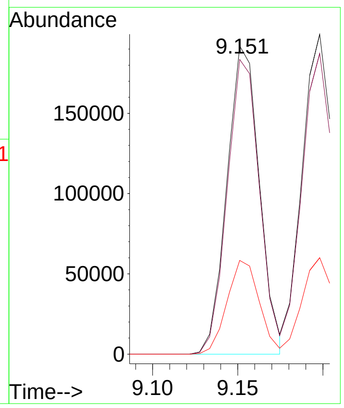
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

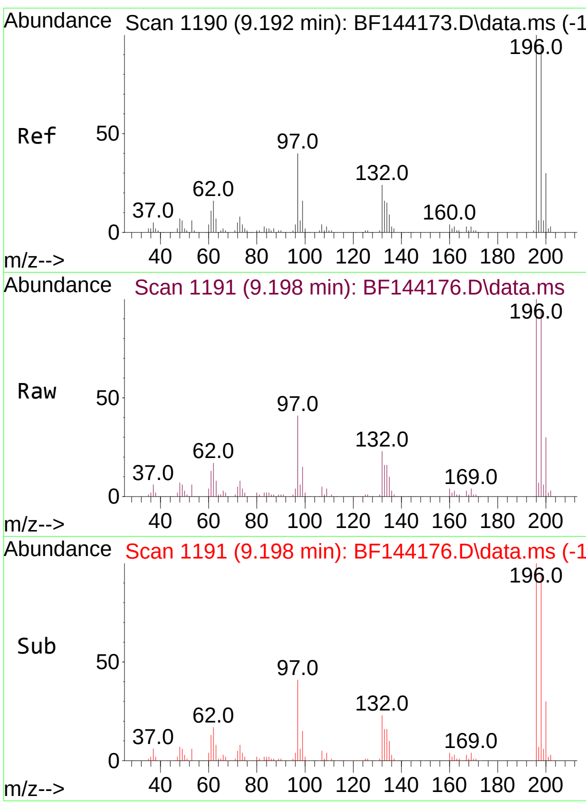


#43
2,4,6-Trichlorophenol
Concen: 77.355 ng
RT: 9.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:196 Resp: 254681

Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.3	112.9
200	30.4	23.4	35.2

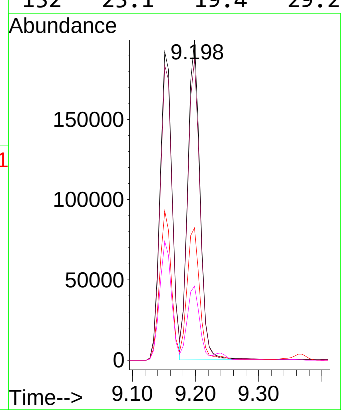




#44
2,4,5-Trichlorophenol
Concen: 75.791 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:196 Resp: 268940

Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.1	114.1
97	41.3	31.9	47.9
132	23.1	19.4	29.2



Instrument :
BNA_F
ClientSampleId :
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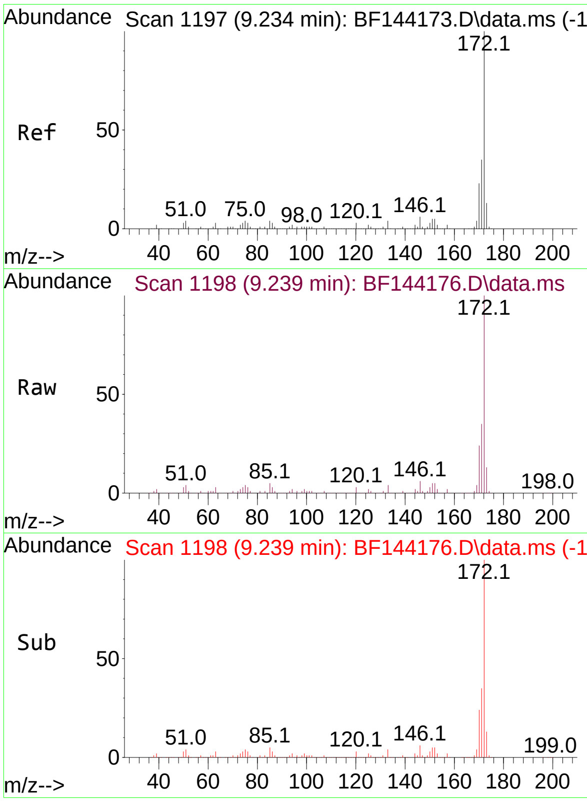
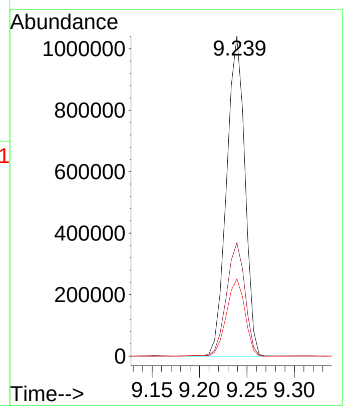
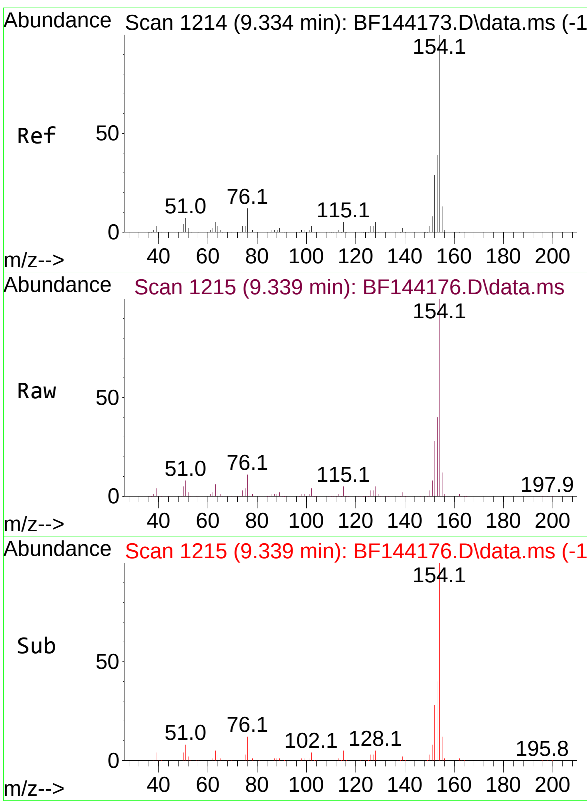


#45
2-Fluorobiphenyl
Concen: 139.809 ng
RT: 9.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:172 Resp: 1397211

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	24.1	18.6	28.0

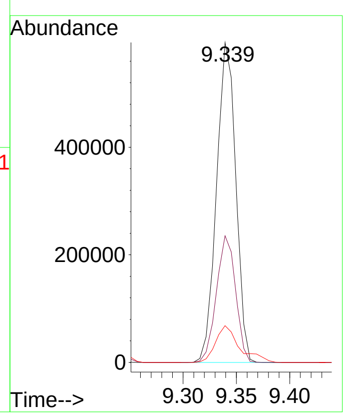




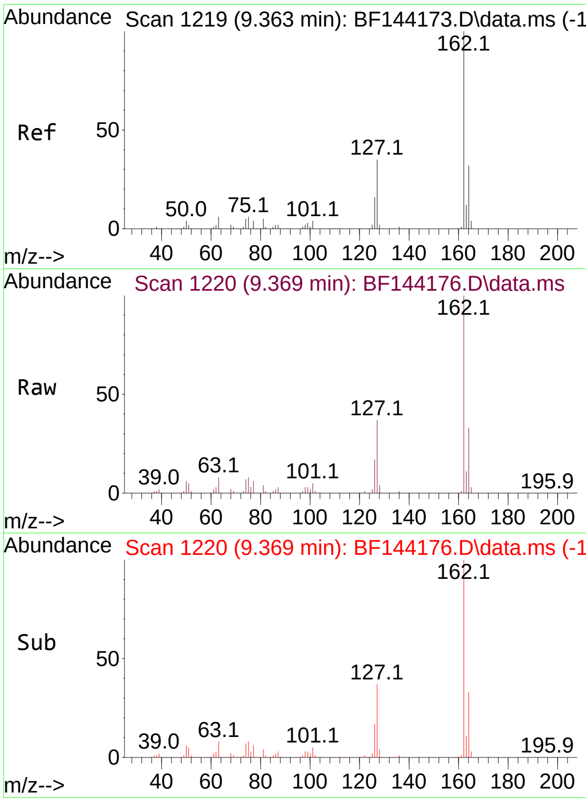
#46
1,1'-Biphenyl
Concen: 72.784 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:154 Resp: 749883

Ion	Ratio	Lower	Upper
154	100		
153	39.6	19.2	59.2
76	11.5	0.0	31.8



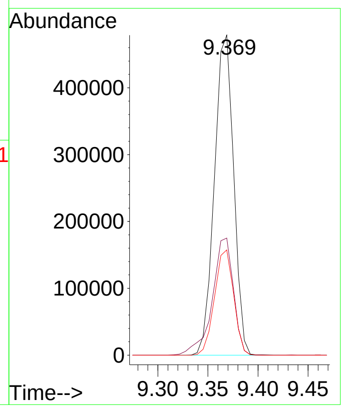
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

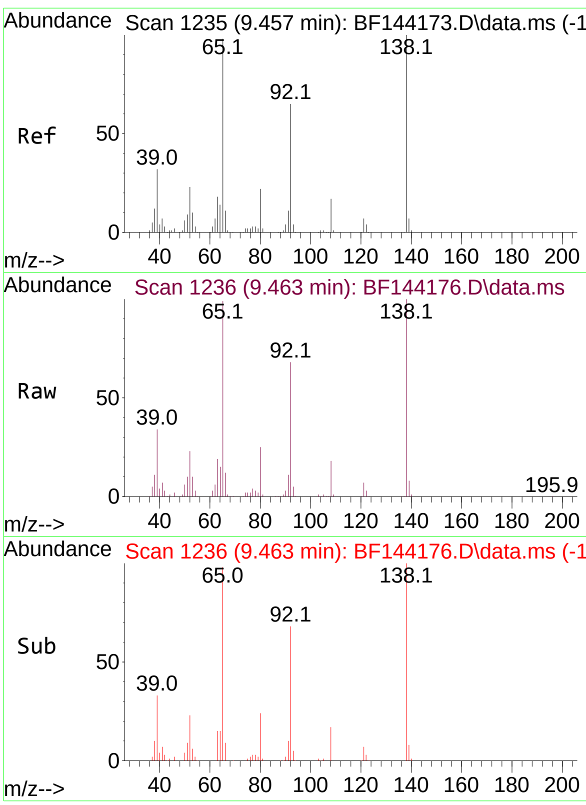


#47
2-Chloronaphthalene
Concen: 72.995 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:162 Resp: 641521

Ion	Ratio	Lower	Upper
162	100		
127	36.6	28.8	43.2
164	32.9	25.8	38.8

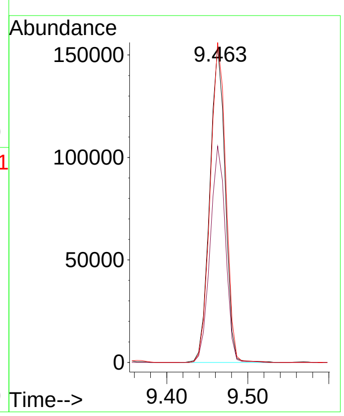




#48
2-Nitroaniline
Concen: 80.348 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 65 Resp: 203746

Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.0	79.6
138	101.1	81.6	122.4



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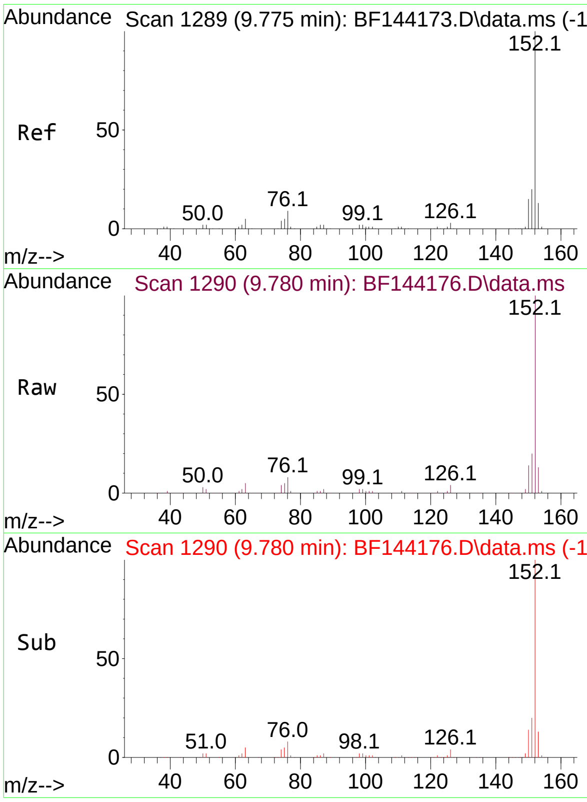
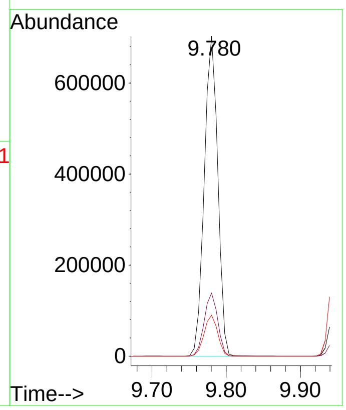
BNA_F
ClientSampleId :
SSTDICC080

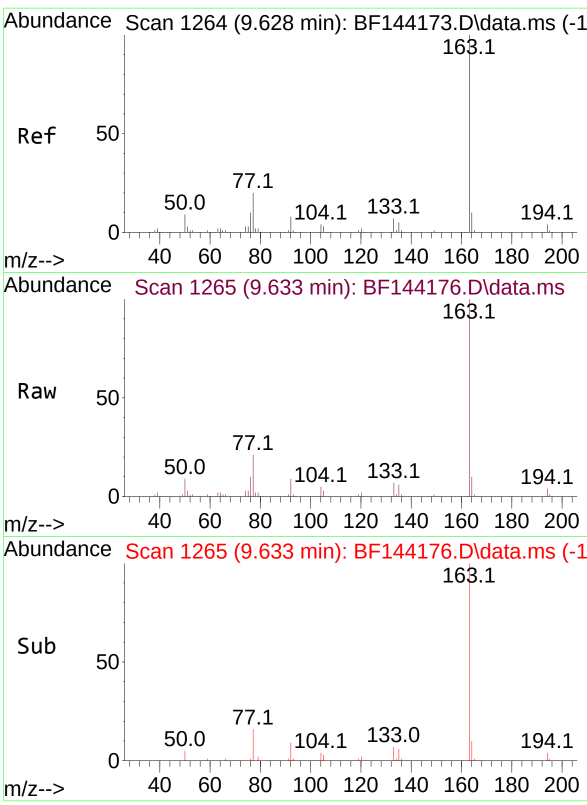


#49
Acenaphthylene
Concen: 74.264 ng
RT: 9.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:152 Resp: 889410

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	12.8	10.5	15.7

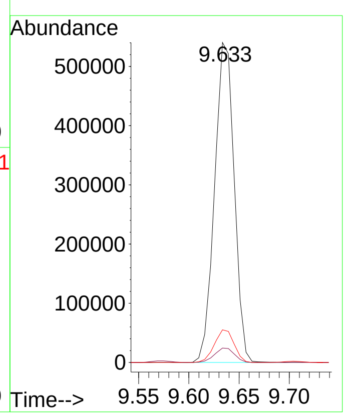




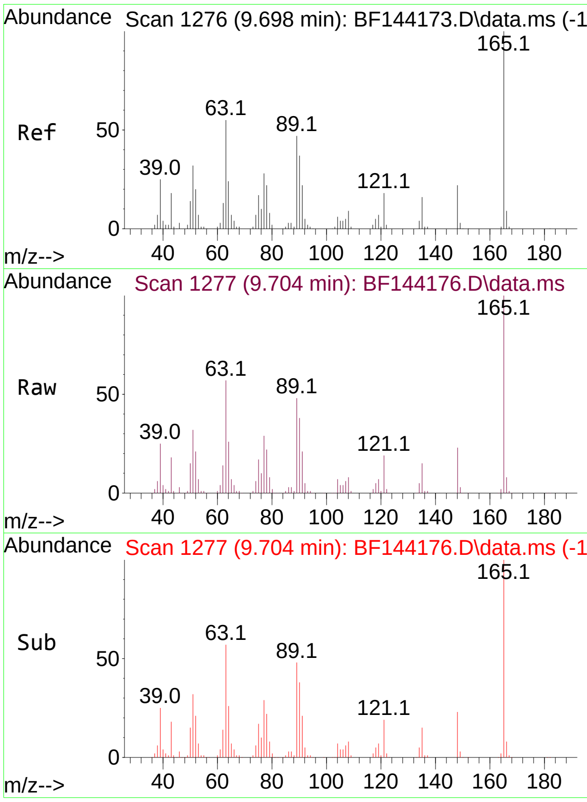
#50
Dimethylphthalate
Concen: 75.318 ng
RT: 9.633 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:163 Resp: 736477

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	10.2	8.1	12.1



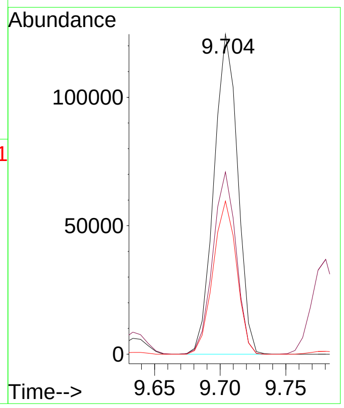
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

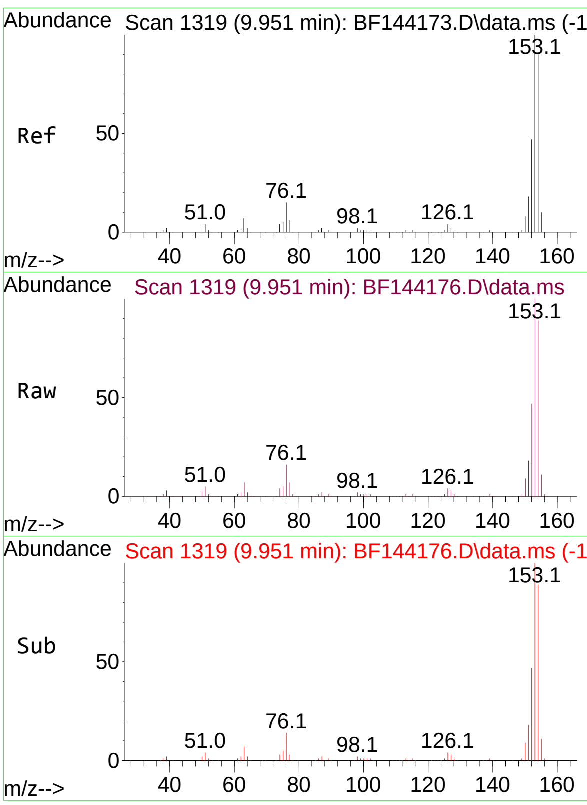


#51
2,6-Dinitrotoluene
Concen: 79.250 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:165 Resp: 156870

Ion	Ratio	Lower	Upper
165	100		
63	56.9	43.8	65.8
89	47.8	37.5	56.3

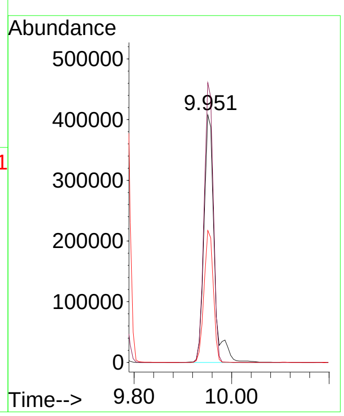




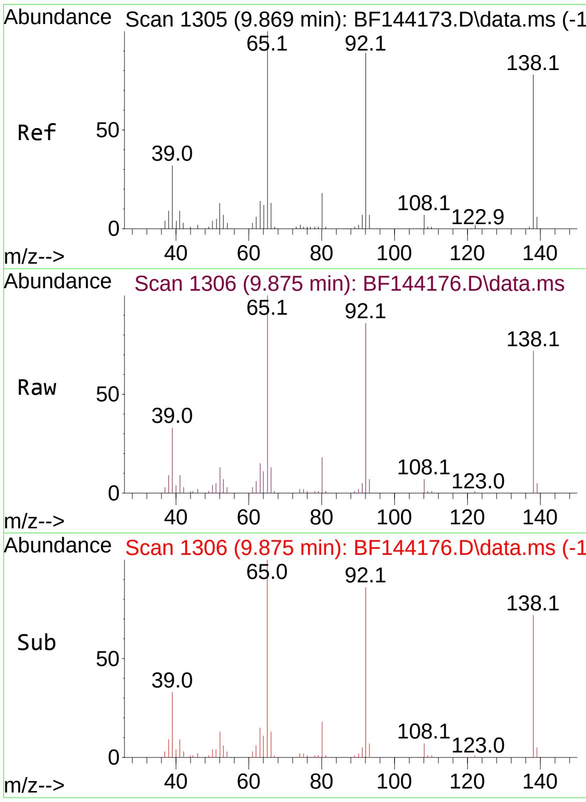
#52
Acenaphthene
Concen: 74.243 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:154 Resp: 594593

Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.0	133.4
152	53.3	42.2	63.4



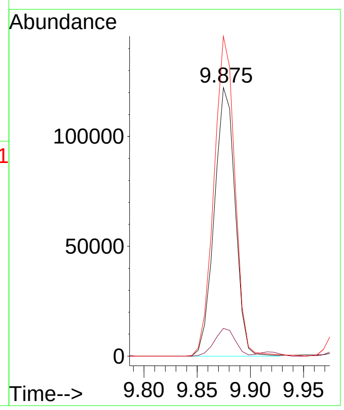
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

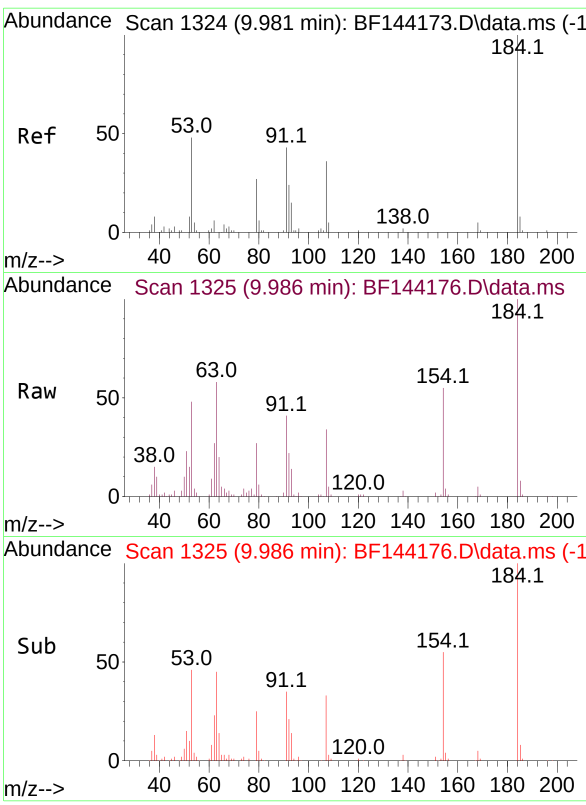


#53
3-Nitroaniline
Concen: 77.230 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:138 Resp: 167110

Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.5	11.3
92	119.2	91.8	137.6

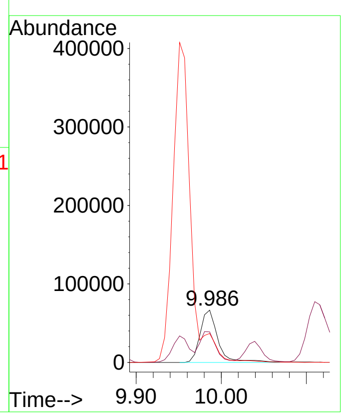




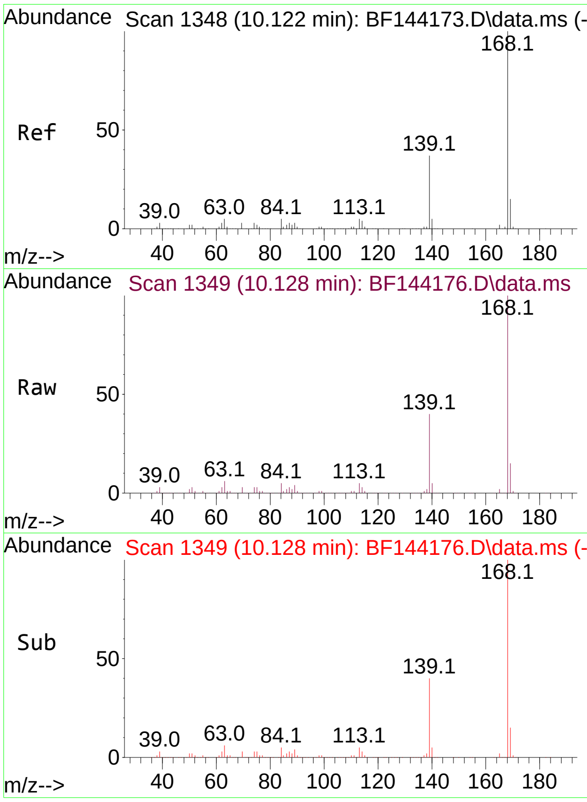
#54
2,4-Dinitrophenol
Concen: 80.924 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:184 Resp: 96727

Ion	Ratio	Lower	Upper
184	100		
63	58.3	44.0	66.0
154	55.4	42.4	63.6



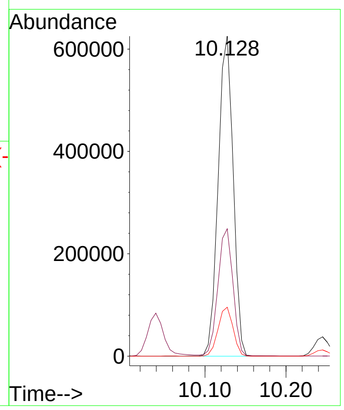
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

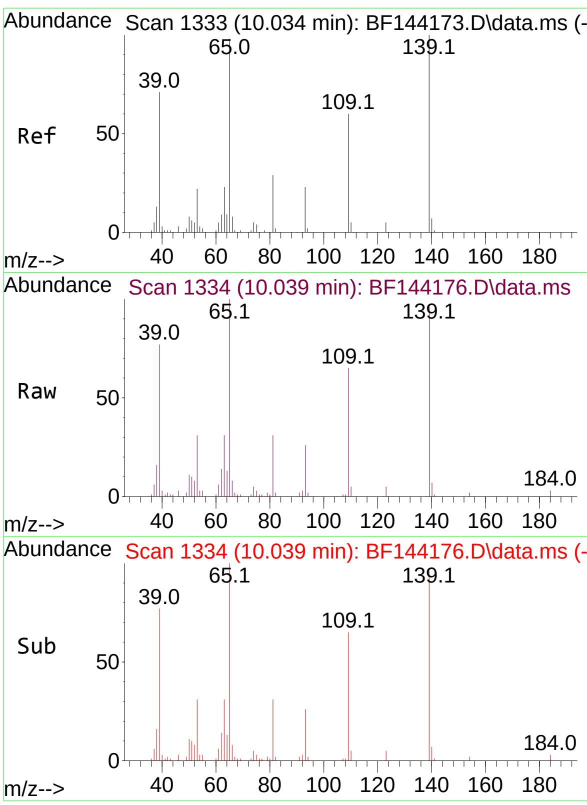


#55
Dibenzofuran
Concen: 71.517 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:168 Resp: 802174

Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.2	45.2
169	15.3	12.2	18.4

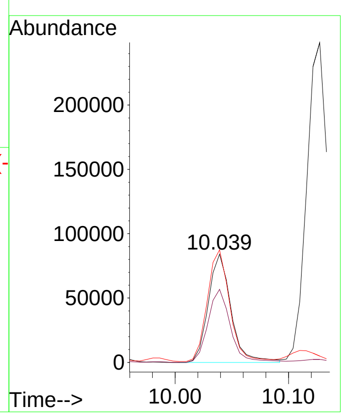




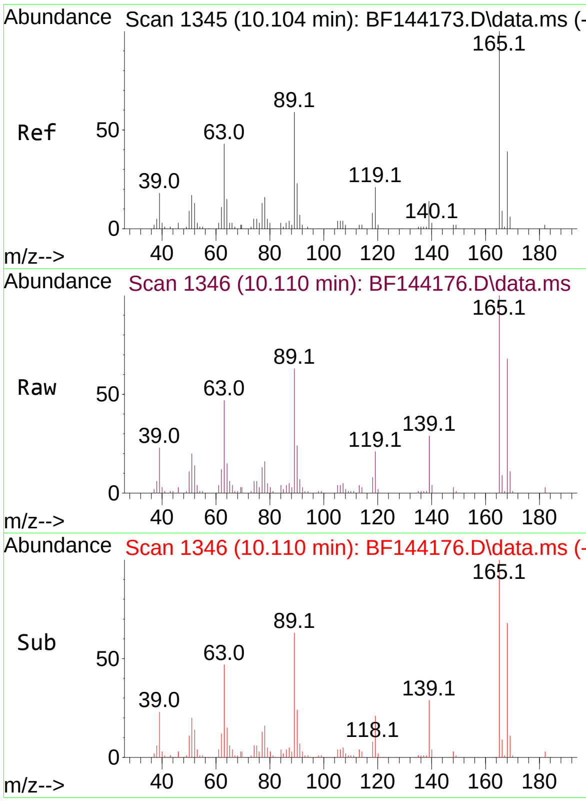
#56
4-Nitrophenol
Concen: 74.782 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:139 Resp: 117050

Ion	Ratio	Lower	Upper
139	100		
109	67.5	39.9	79.9
65	104.1	79.5	119.5



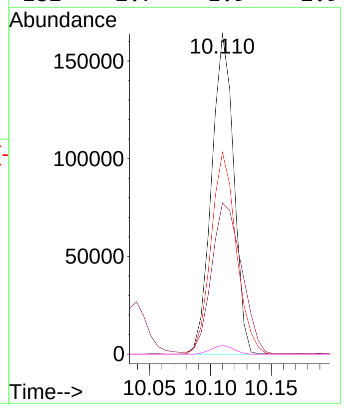
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

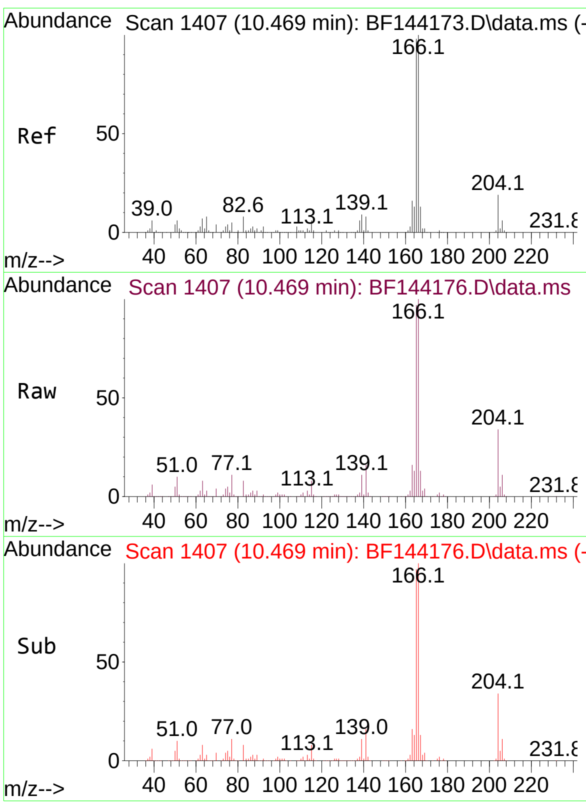


#57
2,4-Dinitrotoluene
Concen: 78.661 ng
RT: 10.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:165 Resp: 208441

Ion	Ratio	Lower	Upper
165	100		
63	47.2	35.5	53.3
89	63.0	47.4	71.2
182	2.7	1.9	2.9

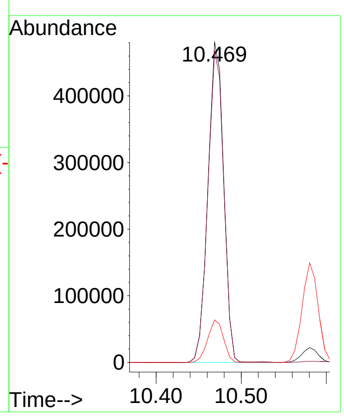




#58
Fluorene
Concen: 72.526 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:166 Resp: 618508

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	118.0
167	13.3	10.4	15.6



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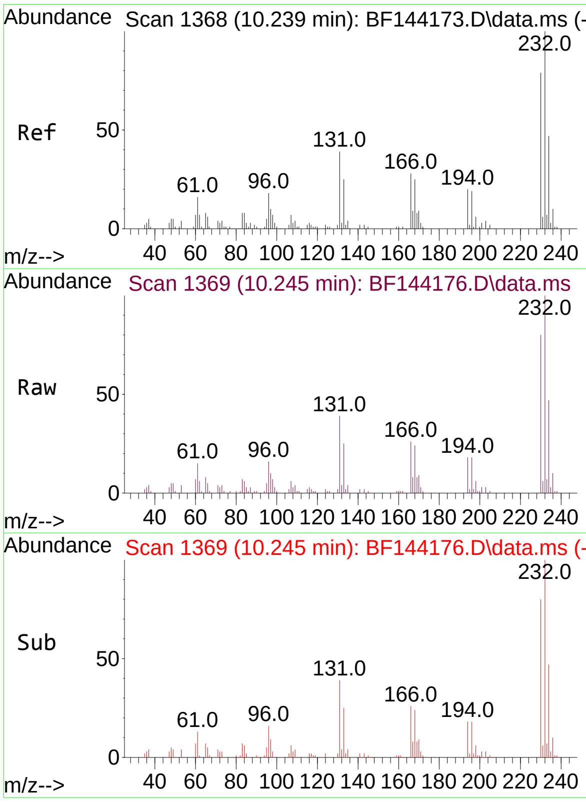


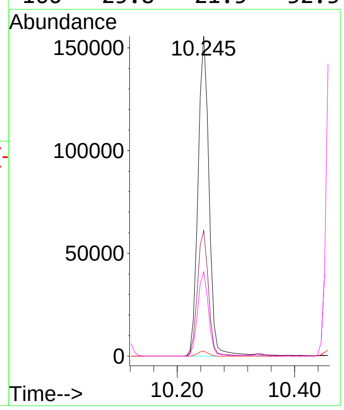
#59
2,3,4,6-Tetrachlorophenol
Concen: 81.067 ng
RT: 10.245 min Scan# 13

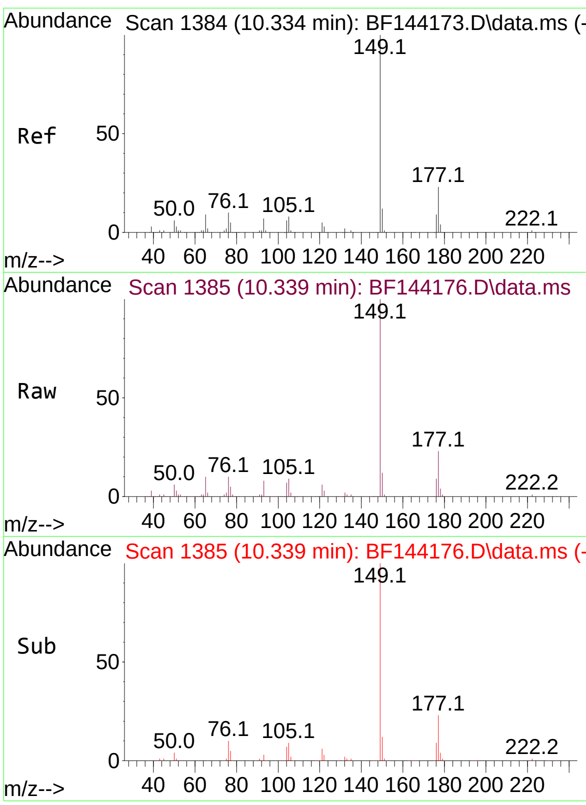
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:232 Resp: 203523

Ion	Ratio	Lower	Upper
232	100		
131	39.0	30.3	45.5
130	1.4	1.2	1.8
166	25.8	21.5	32.3

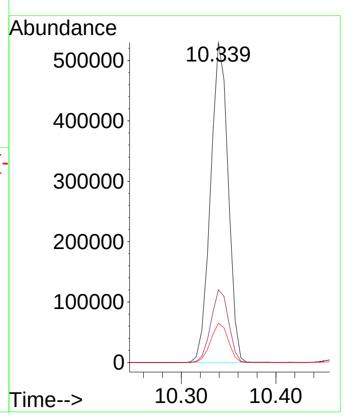




#60
Diethylphthalate
Concen: 76.182 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:149 Resp: 686705

Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	12.2	9.8	14.6



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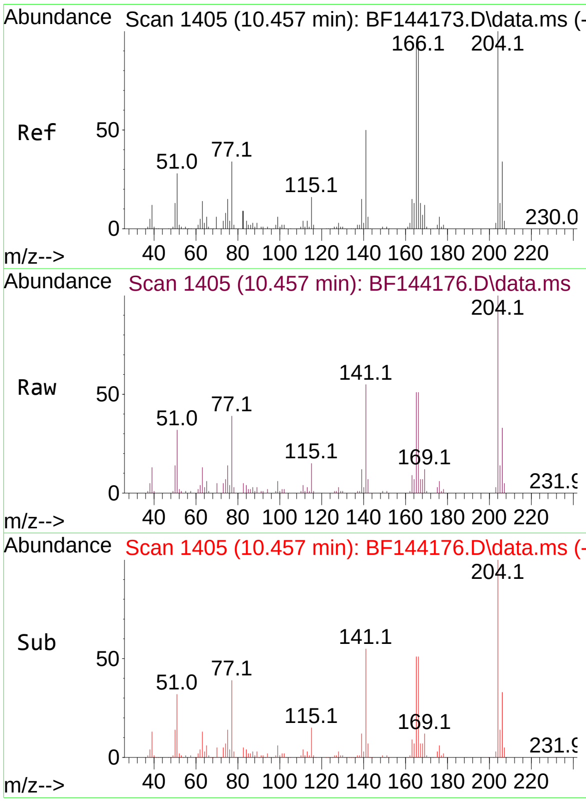
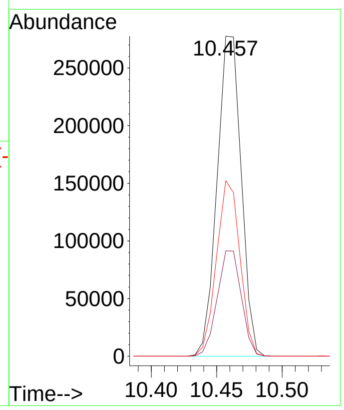
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

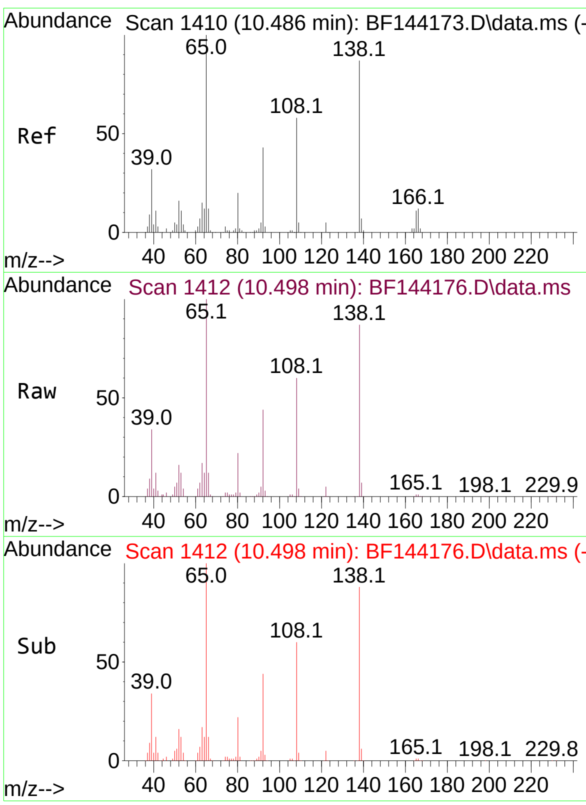


#61
4-Chlorophenyl-phenylether
Concen: 73.492 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:204 Resp: 357010

Ion	Ratio	Lower	Upper
204	100		
206	32.9	27.4	41.2
141	54.8	40.0	60.0

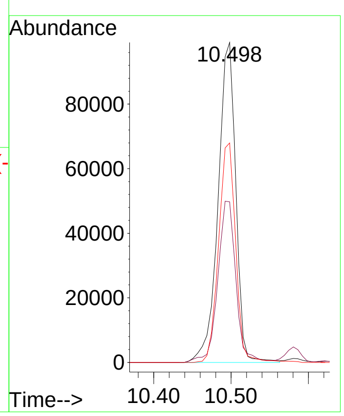




#62
4-Nitroaniline
Concen: 76.889 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:138 Resp: 158441

Ion	Ratio	Lower	Upper
138	100		
92	50.2	29.4	69.4
108	68.6	46.4	86.4



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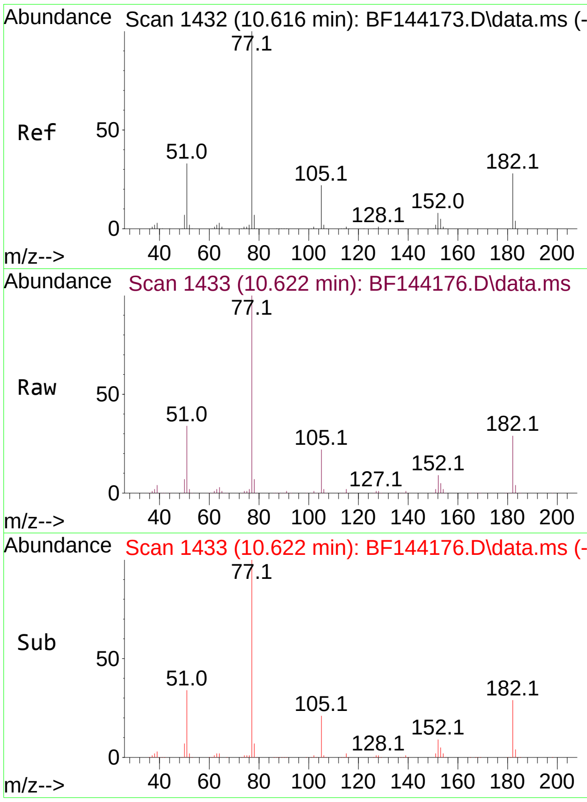
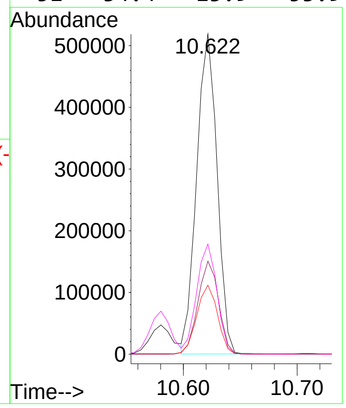
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

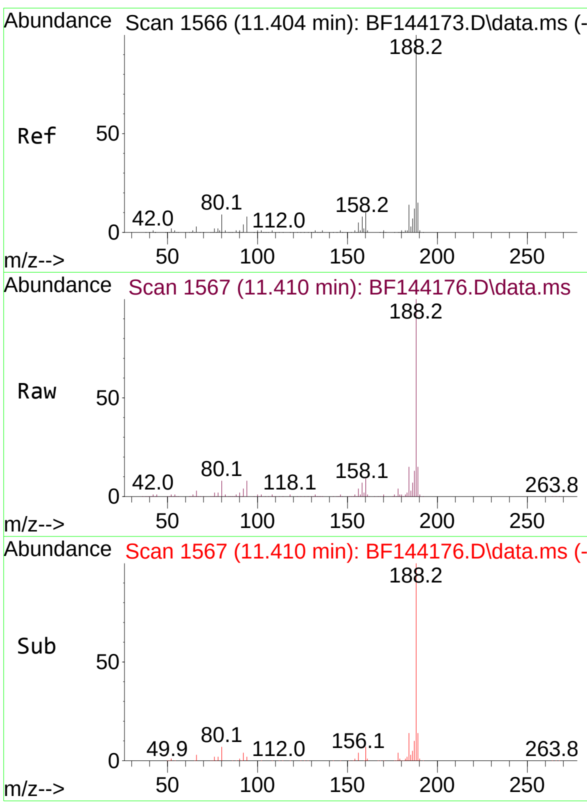


#63
Azobenzene
Concen: 77.117 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 77 Resp: 646943

Ion	Ratio	Lower	Upper
77	100		
182	29.0	8.1	48.1
105	21.6	2.0	42.0
51	34.4	13.9	53.9

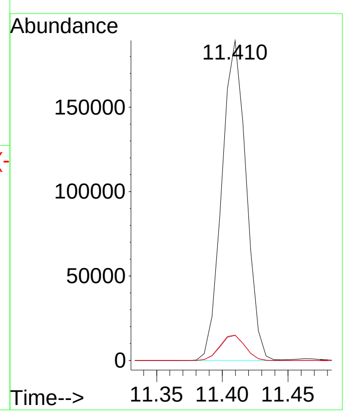




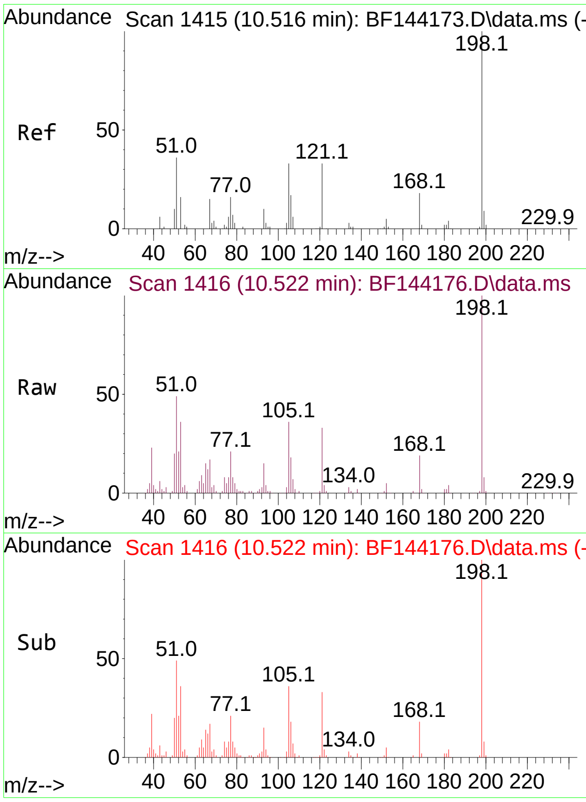
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:188 Resp: 244733

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	7.9	6.9	10.3



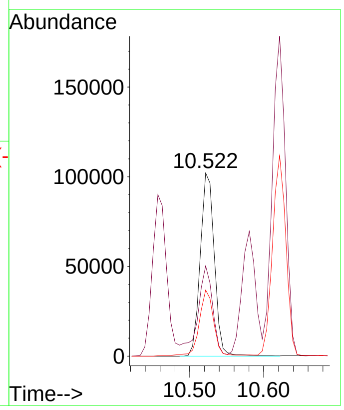
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

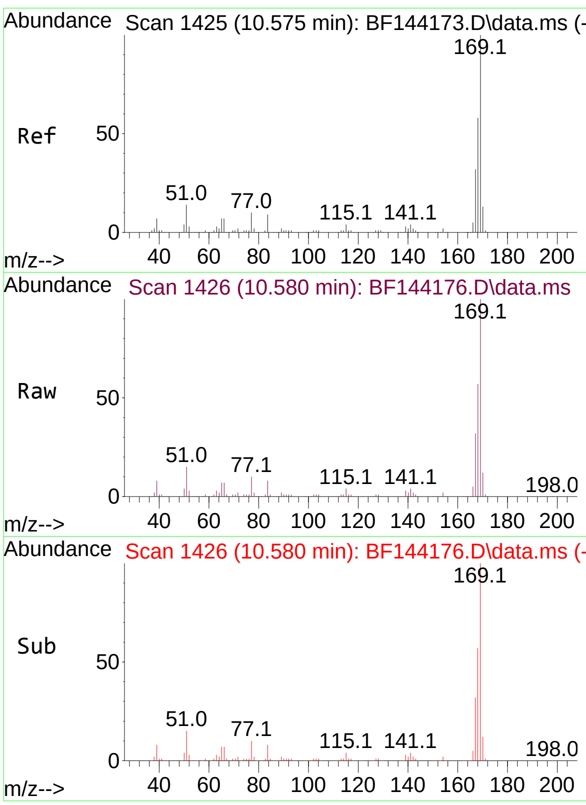


#65
4,6-Dinitro-2-methylphenol
Concen: 81.136 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:198 Resp: 134894

Ion	Ratio	Lower	Upper
198	100		
51	49.2	25.6	65.6
105	36.0	14.6	54.6

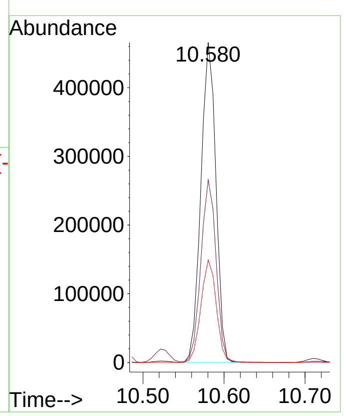




#66
n-Nitrosodiphenylamine
Concen: 76.327 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

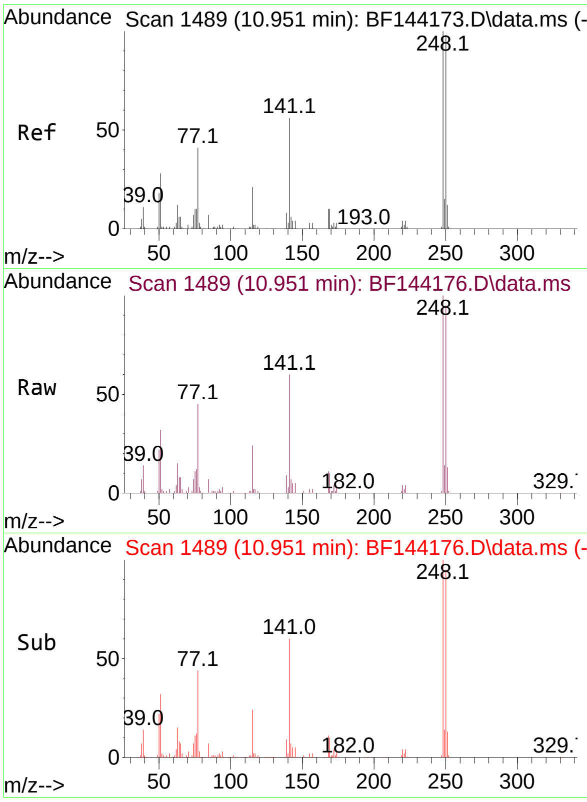
Tgt Ion:169 Resp: 600791

Ion	Ratio	Lower	Upper
169	100		
168	57.0	46.2	69.2
167	32.1	25.7	38.5



ICAL Form

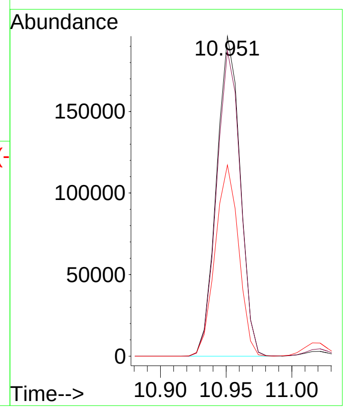
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

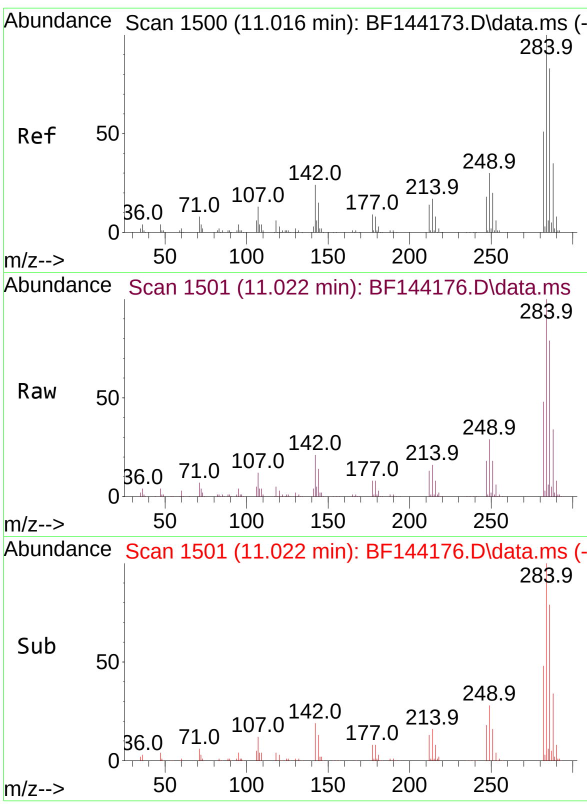


#67
4-Bromophenyl-phenylether
Concen: 78.826 ng
RT: 10.951 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:248 Resp: 246236

Ion	Ratio	Lower	Upper
248	100		
250	95.5	78.4	117.6
141	59.8	45.1	67.7

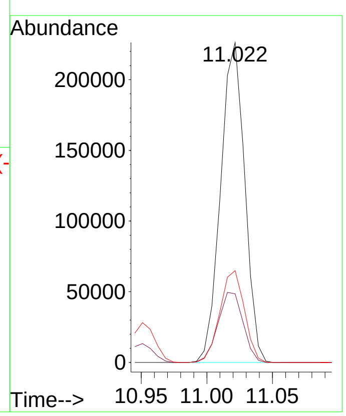




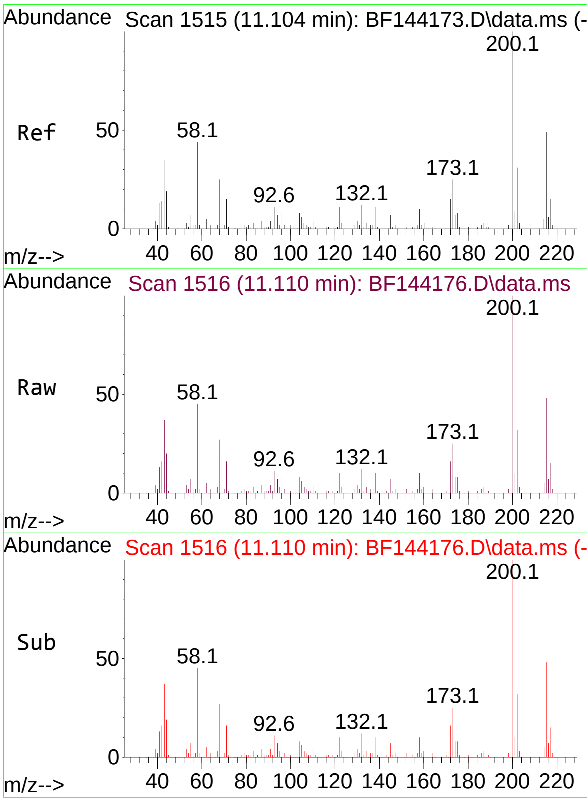
#68
Hexachlorobenzene
Concen: 78.769 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:284 Resp: 289823

Ion	Ratio	Lower	Upper
284	100		
142	21.4	19.2	28.8
249	28.7	23.8	35.8



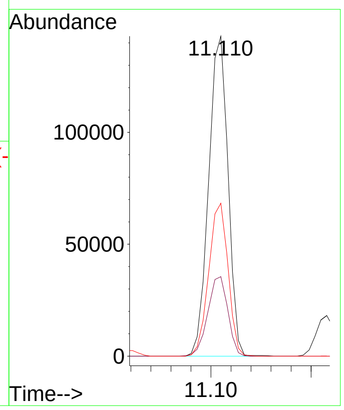
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

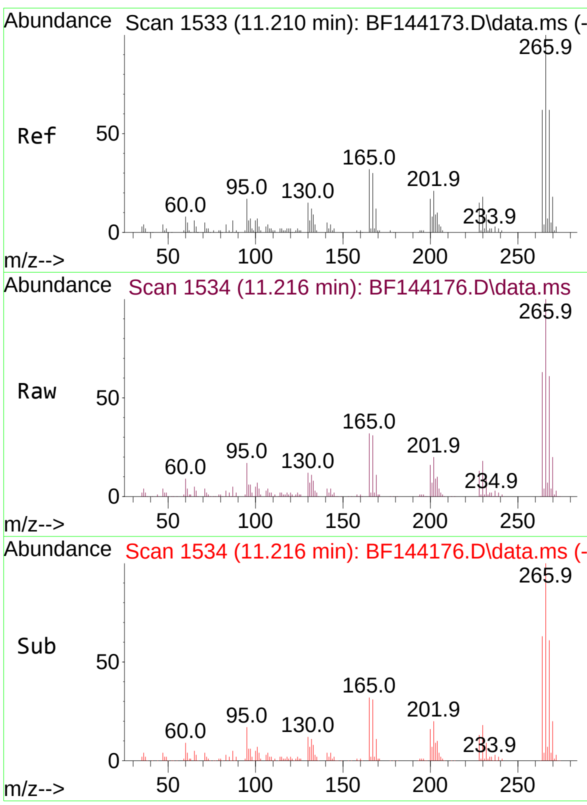


#69
Atrazine
Concen: 76.645 ng
RT: 11.110 min   Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025   16:49

Tgt Ion:200 Resp: 191862

Ion	Ratio	Lower	Upper
200	100		
173	24.8	5.0	45.0
215	47.8	28.7	68.7

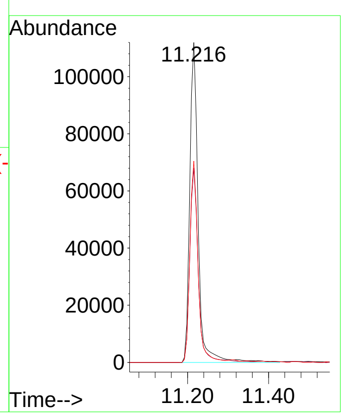




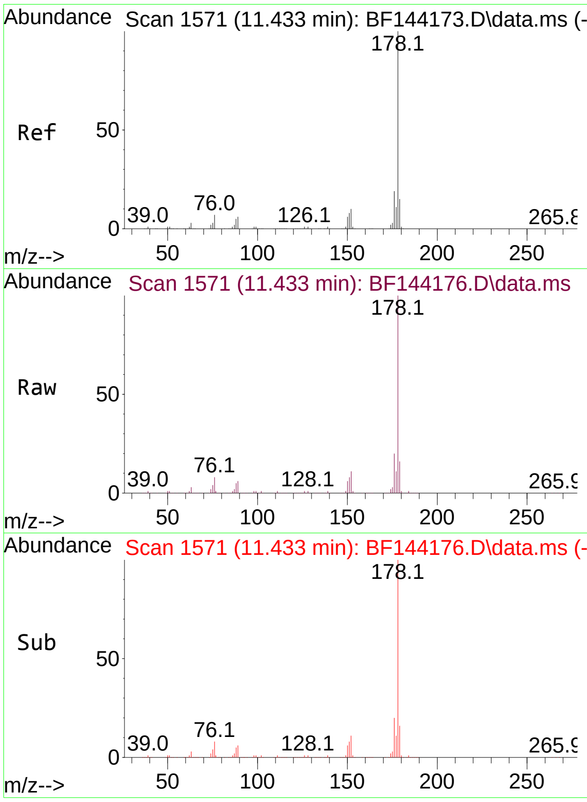
#70
Pentachlorophenol
Concen: 88.373 ng
RT: 11.216 min   Scan# 1534
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025   16:49

Tgt Ion:266 Resp: 161918

Ion	Ratio	Lower	Upper
266	100		
268	60.8	49.5	74.3
264	63.0	49.4	74.2



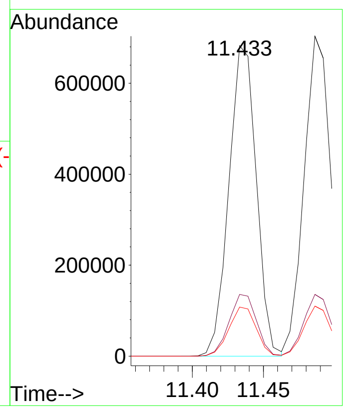
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

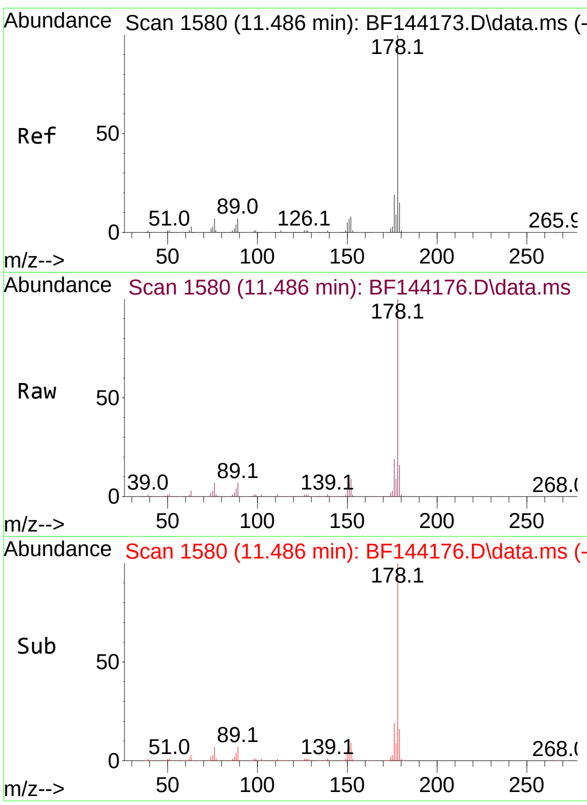


#71
Phenanthrene
Concen: 75.238 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:178 Resp: 916773

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.8	12.2	18.4

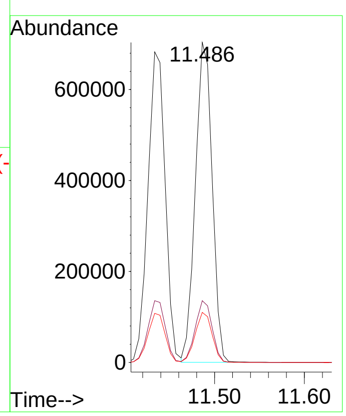




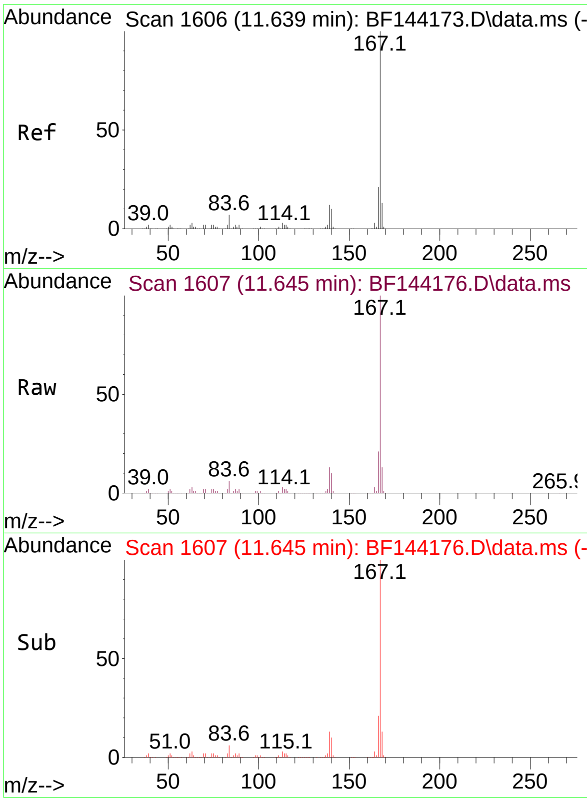
#72
Anthracene
Concen: 73.934 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:178 Resp: 916037

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.6	12.0	18.0

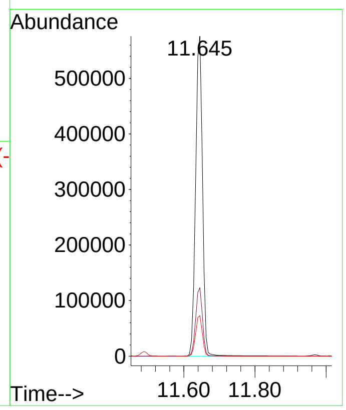


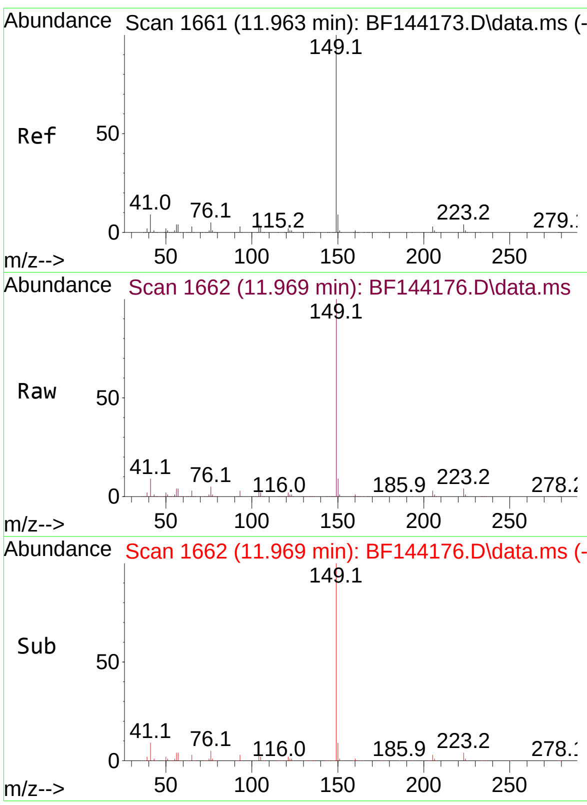
Instrument :
BNA_F
ClientSampleId :
SSTDICC080




```
#73
Carbazole
Concen:   73.816 ng
RT:  11.645 min  Scan# 16
Delta R.T.  0.000 min
Lab File:   BF144176.D
Acq: 05 Nov 2025  16:49

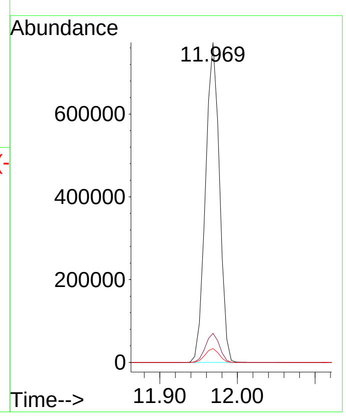
Tgt Ion:167 Resp:  777702
Ion  Ratio  Lower  Upper
167  100
166   21.4   17.2   25.8
139   12.6    9.9   14.9
```



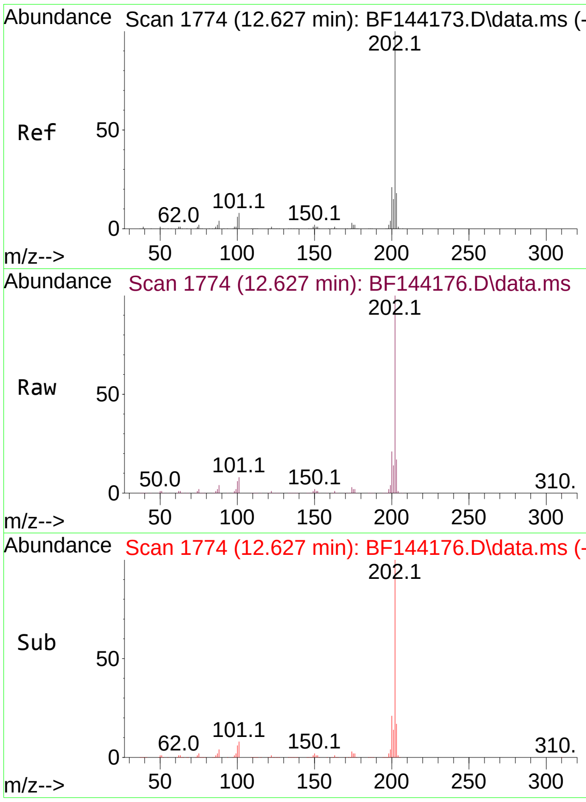



```
#74
Di-n-butylphthalate
Concen:   75.822 ng
RT:  11.969 min  Scan# 1662
Delta R.T.  0.000 min
Lab File:   BF144176.D
Acq: 05 Nov 2025  16:49

Tgt Ion:149 Resp:  965695
Ion  Ratio  Lower  Upper
149  100
150    9.1    7.4   11.0
104    4.3    3.4    5.2
```



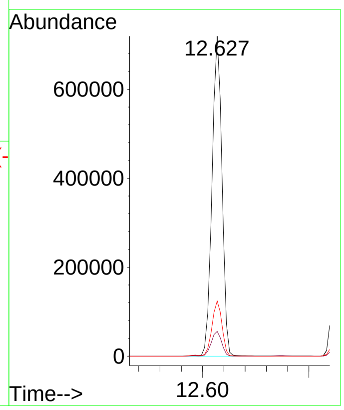
Instrument : BNA_F
ClientSampleId : SSTDICC080

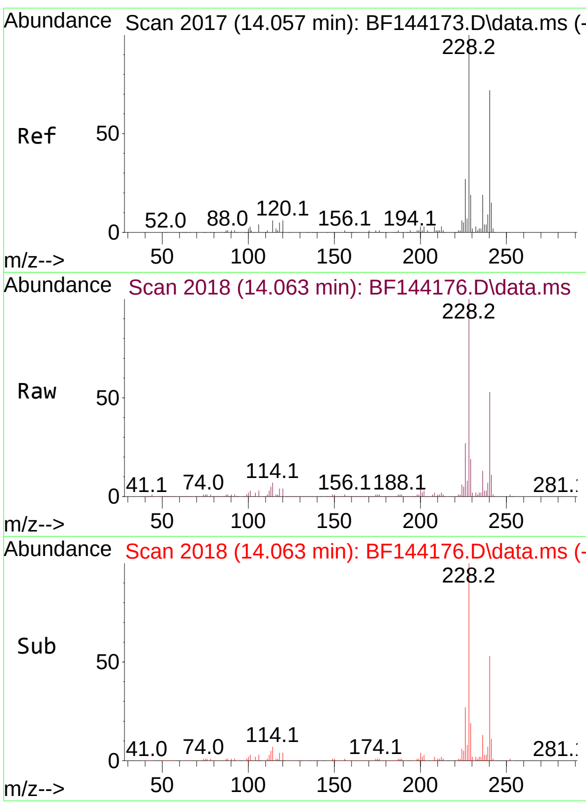


#75
Fluoranthene
Concen: 74.476 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:202 Resp: 937436

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	27.9
203	17.2	0.0	37.5

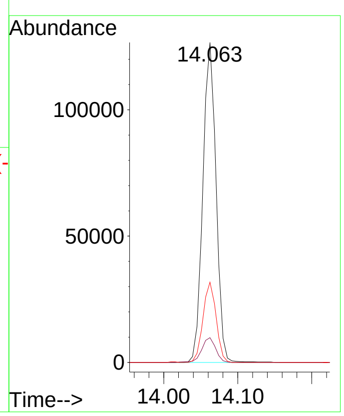




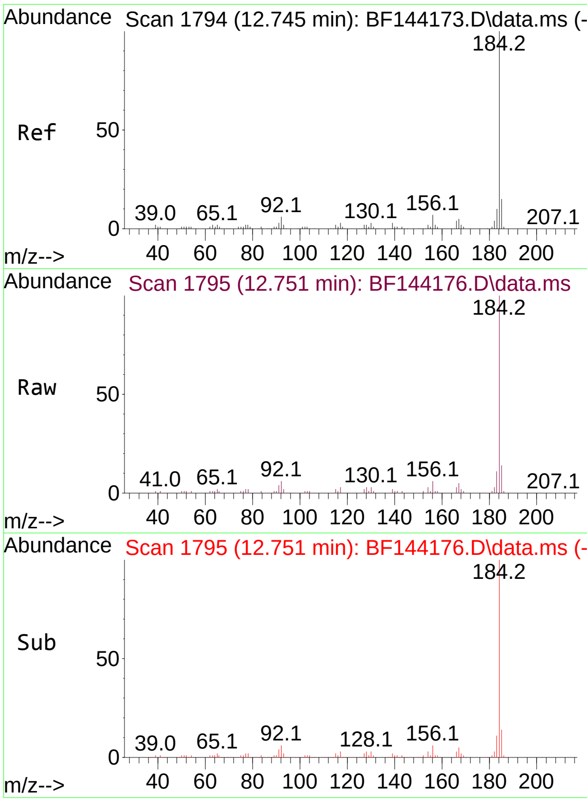
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:240 Resp: 156809

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.6	10.0
236	25.1	21.4	32.2



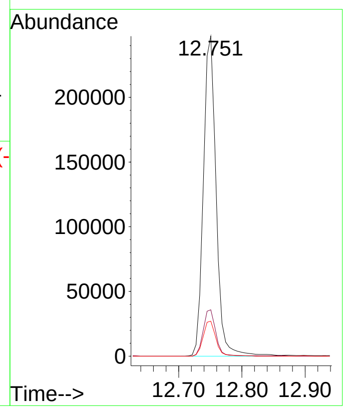
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

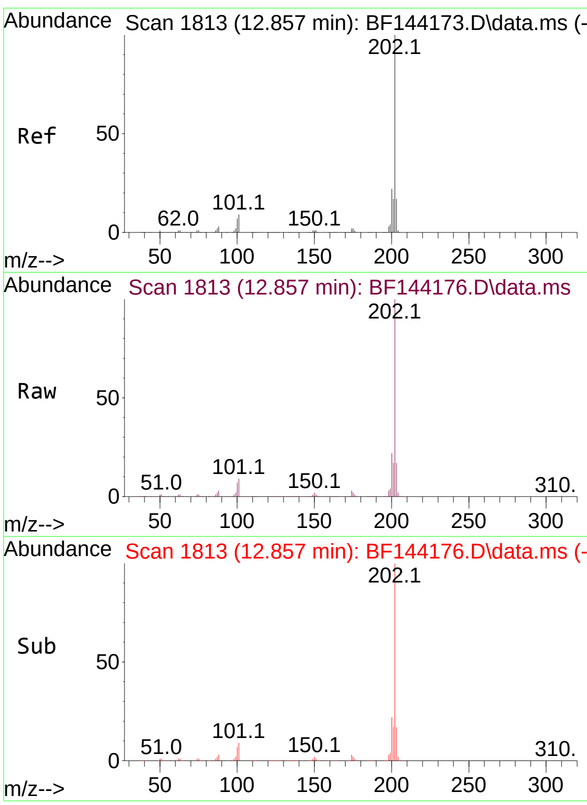


#77
Benzidine
Concen: 74.828 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:184 Resp: 347077

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.7	17.5
183	10.9	8.3	12.5

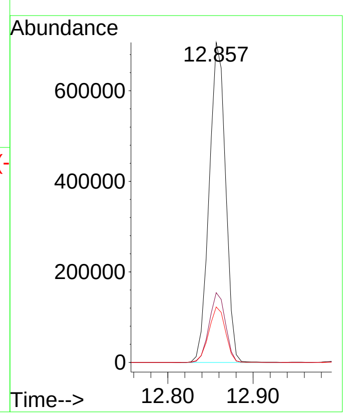




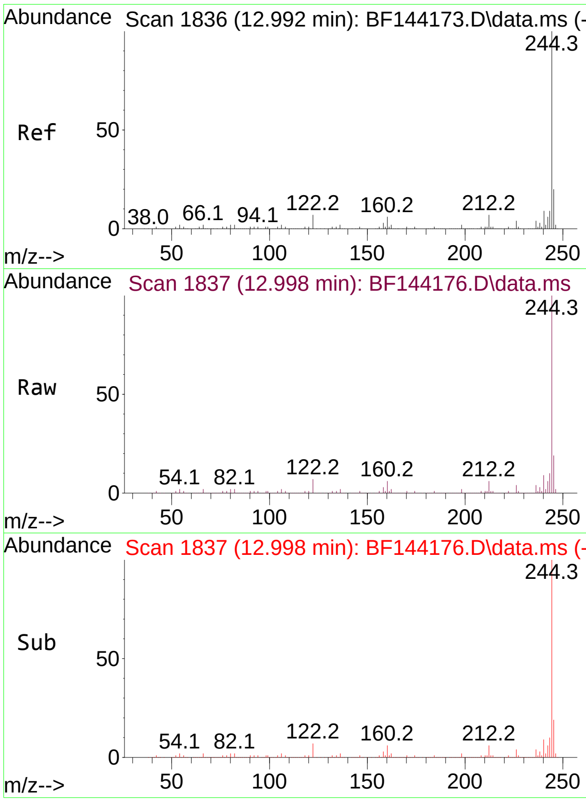
#78
Pyrene
Concen: 74.600 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:202 Resp: 943190

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	17.3	13.7	20.5



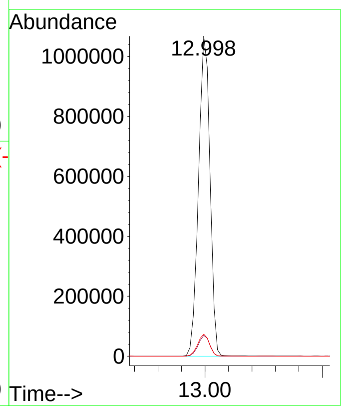
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

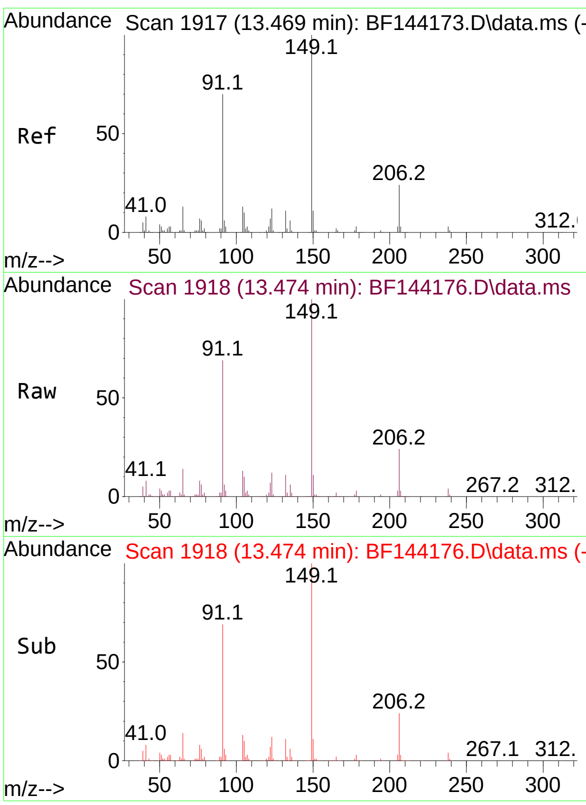


#79
Terphenyl-d14
Concen: 146.810 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:244 Resp: 1449323

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	6.9	5.6	8.4

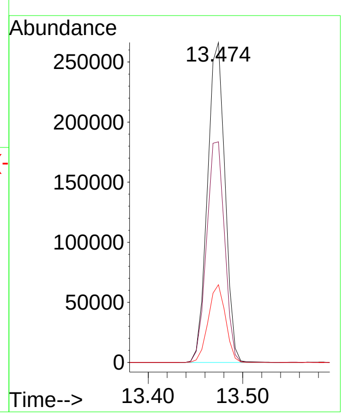




#80
Butylbenzylphthalate
Concen: 78.633 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

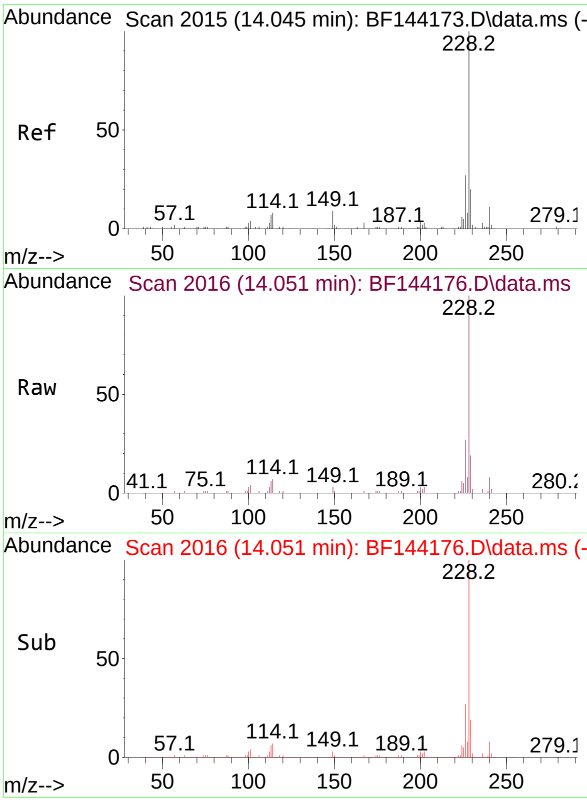
Tgt Ion:149 Resp: 344575

Ion	Ratio	Lower	Upper
149	100		
91	68.9	56.1	84.1
206	24.3	18.8	28.2



ICAL Form

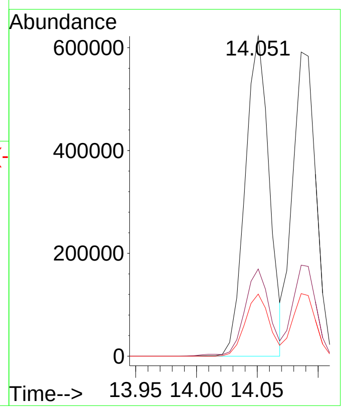
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

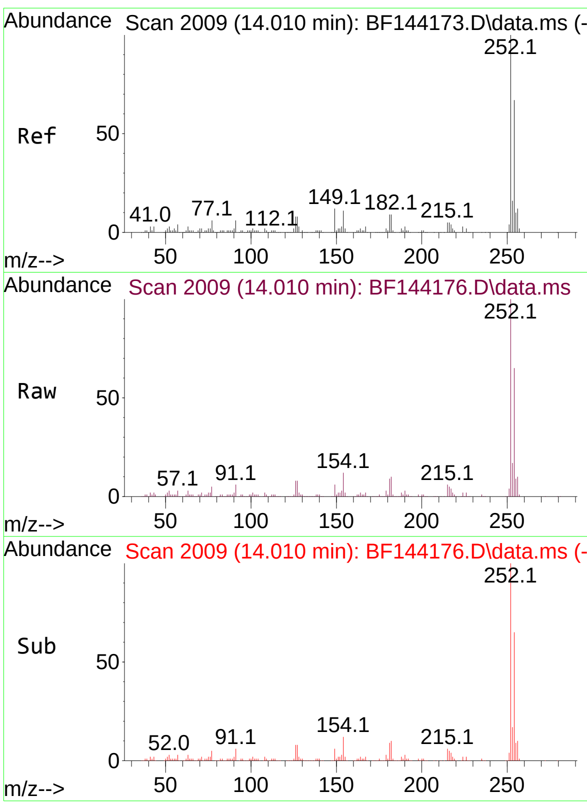


#81
Benzo(a)anthracene
Concen: 78.818 ng
RT: 14.051 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:228 Resp: 856602

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.4	15.8	23.6

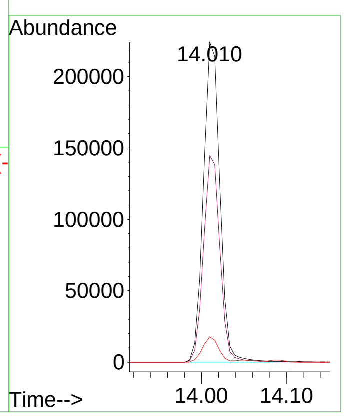




#82
3,3'-Dichlorobenzidine
Concen: 81.046 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

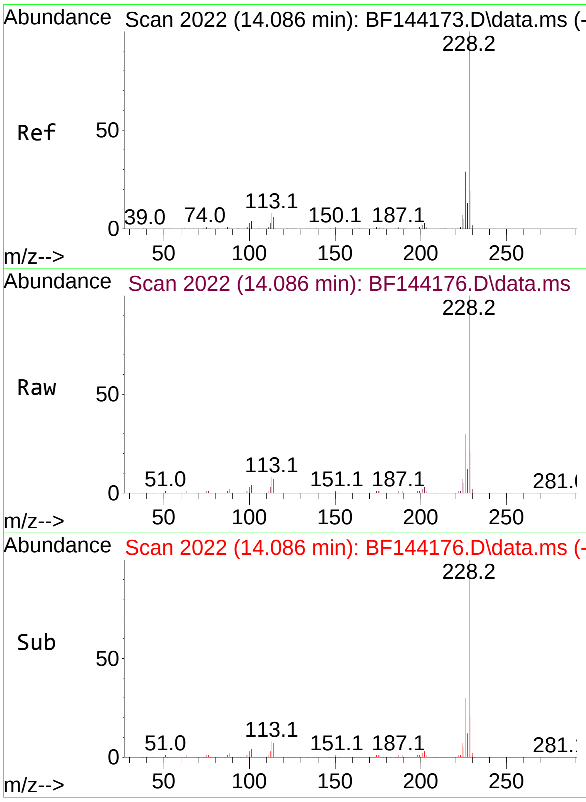
Tgt Ion:252 Resp: 301919

Ion	Ratio	Lower	Upper
252	100		
254	64.5	53.5	80.3
126	7.9	6.4	9.6



ICAL Form

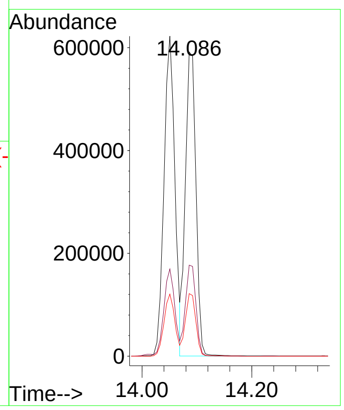
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

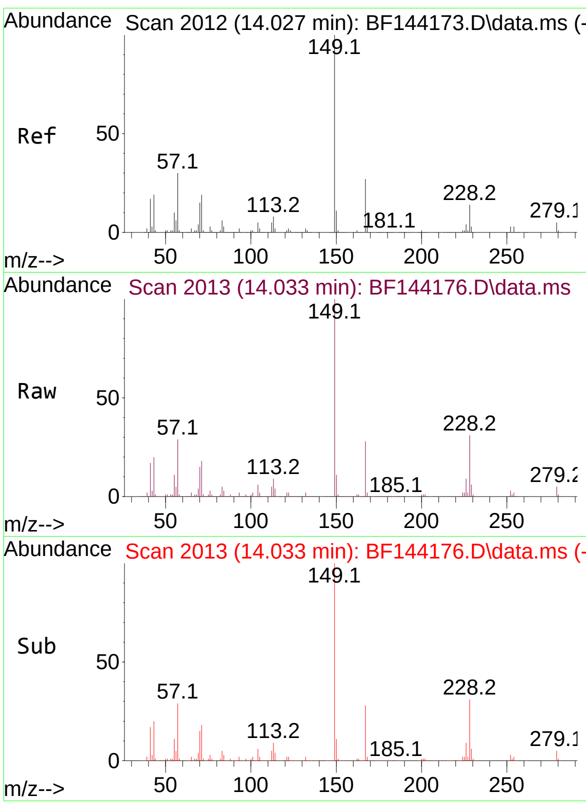


#83
Chrysene
Concen: 78.982 ng
RT: 14.086 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:228 Resp: 792397

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.9	34.3
229	20.5	15.0	22.6

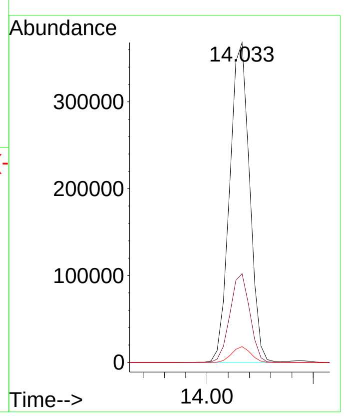




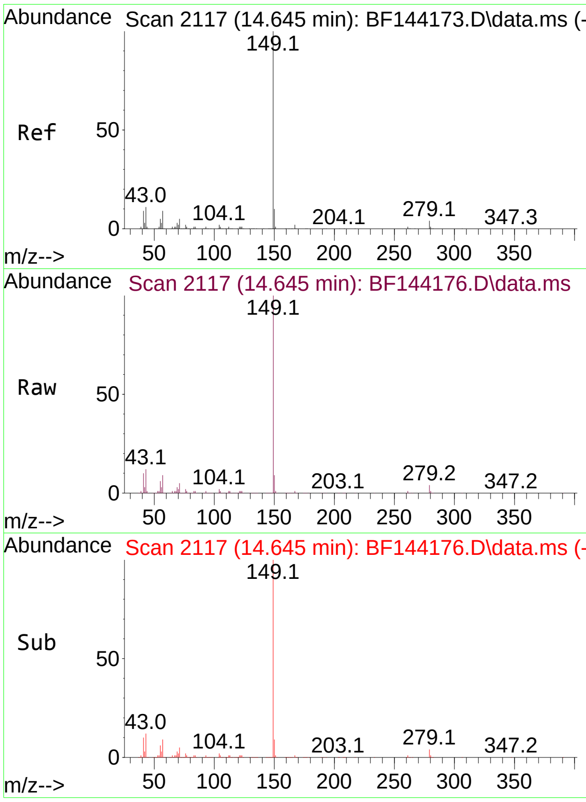
#84
Bis(2-ethylhexyl)phthalate
Concen: 79.898 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:149 Resp: 479285

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.8	32.8
279	4.9	3.7	5.5



ICAL Form



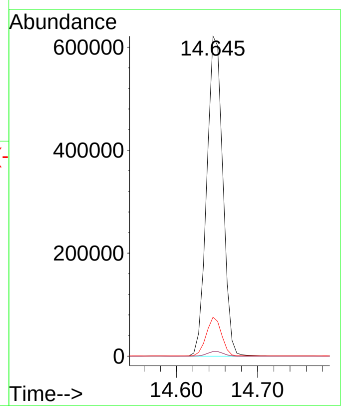
#85
Di-n-octyl phthalate
Concen: 82.657 ng
RT: 14.645 min Scan# 2

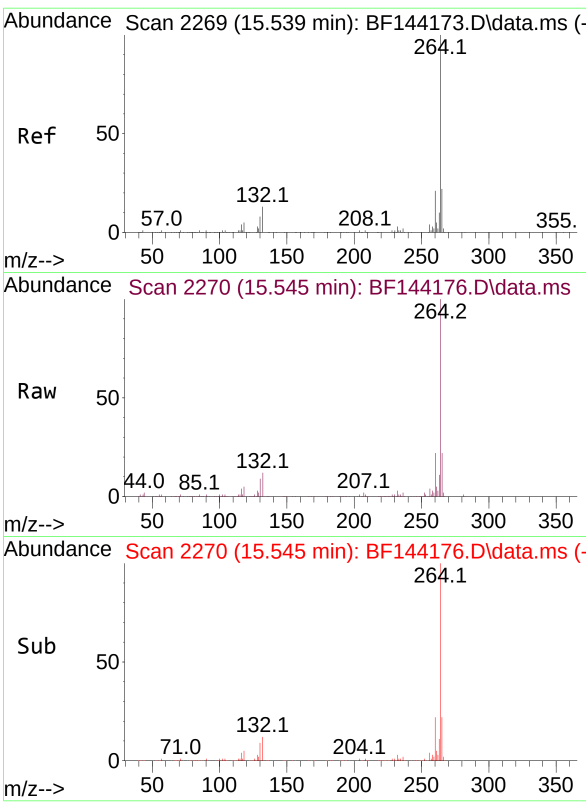
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:149 Resp: 855486

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.5	9.0	13.4

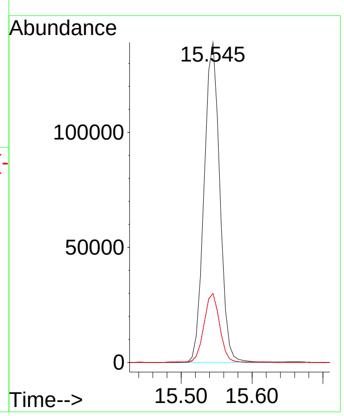




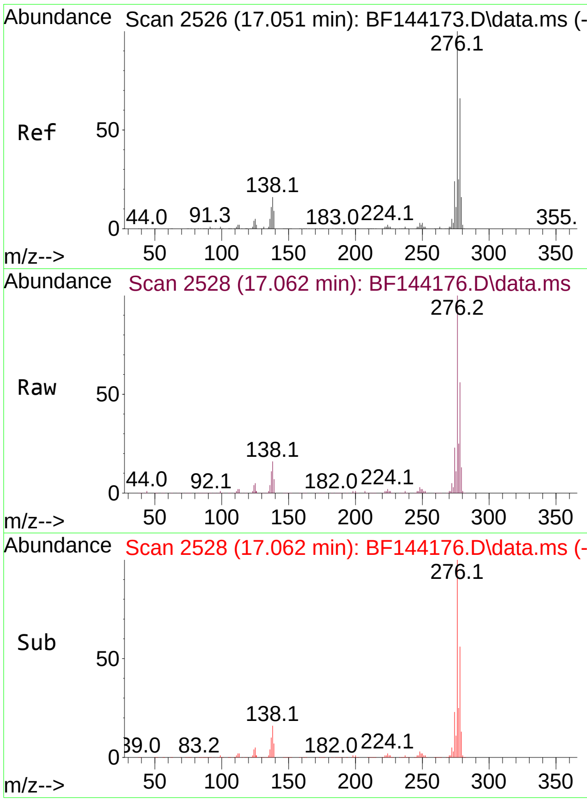
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:264 Resp: 213275

Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.1	25.7
265	21.5	17.4	26.0



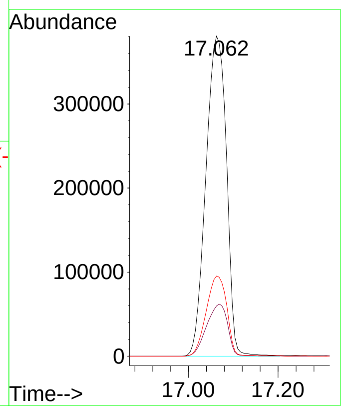
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

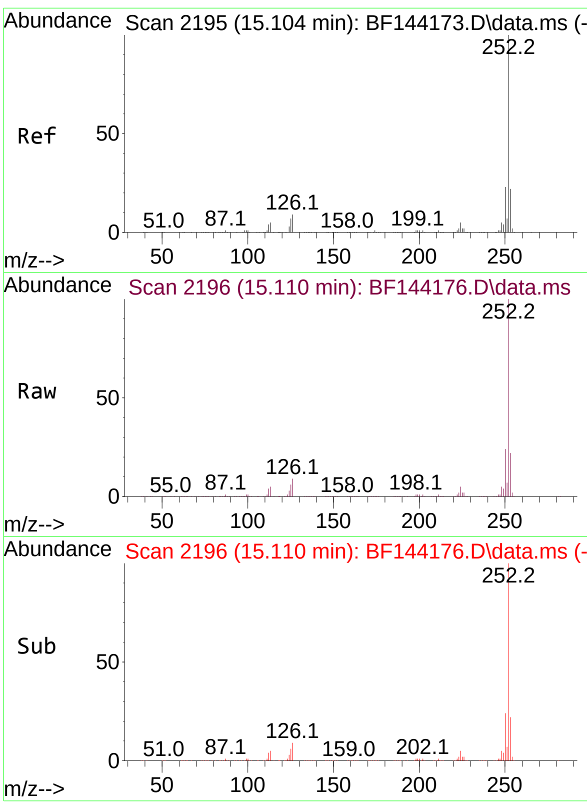


#87
Indeno(1,2,3-cd)pyrene
Concen: 79.403 ng
RT: 17.062 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:276 Resp: 1215637

Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.9	20.9
277	24.9	19.8	29.6

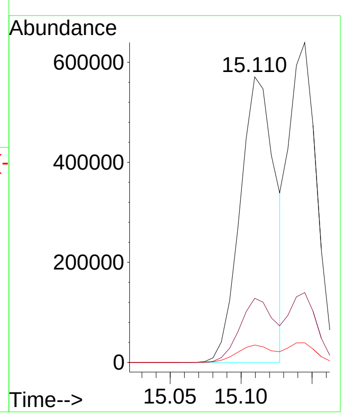




#88
Benzo(b)fluoranthene
Concen: 80.454 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

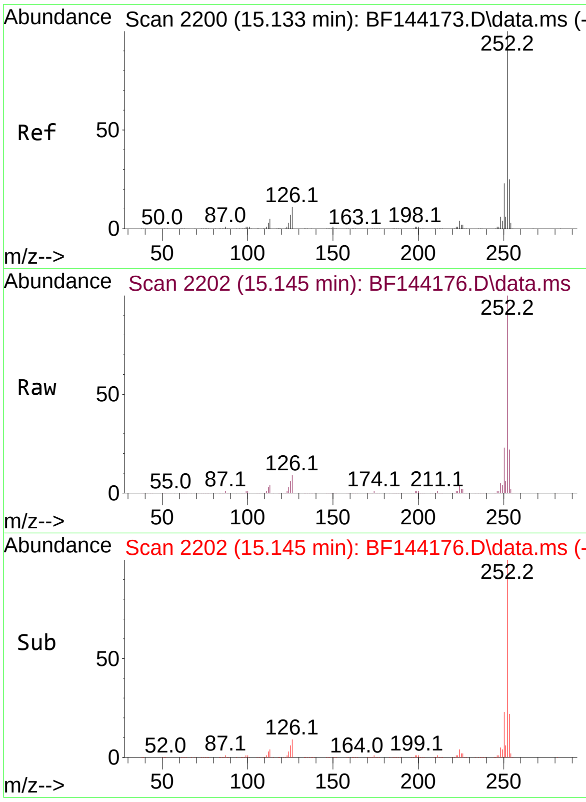
Tgt Ion:252 Resp: 975518

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	6.1	5.3	7.9



ICAL Form

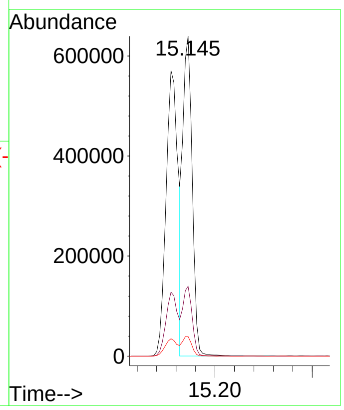
Instrument : BNA_F
ClientSampleId : SSTDICC080

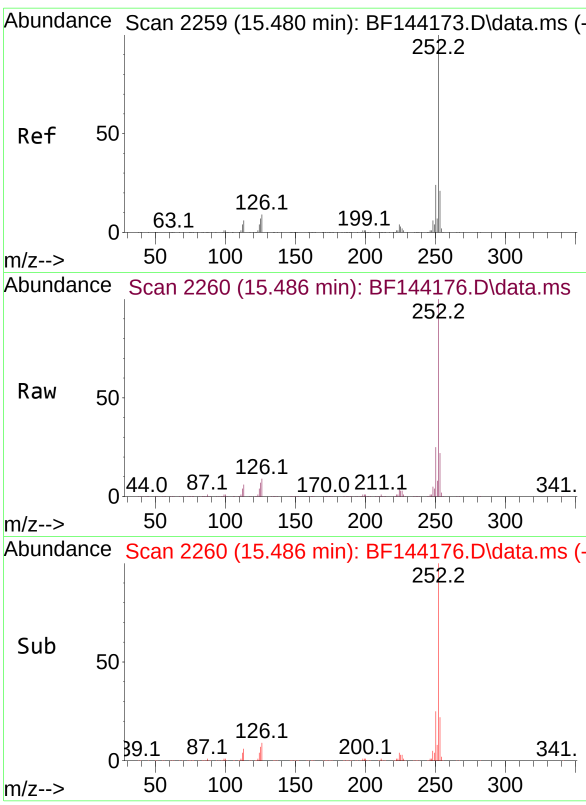


#89
Benzo(k)fluoranthene
Concen: 76.728 ng
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:252 Resp: 870791

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	6.1	5.4	8.2

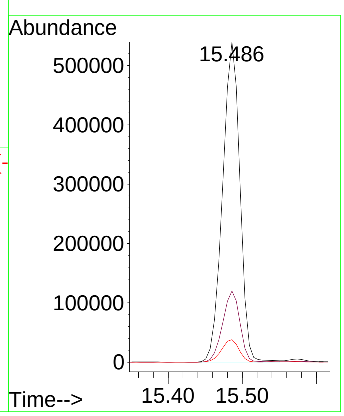




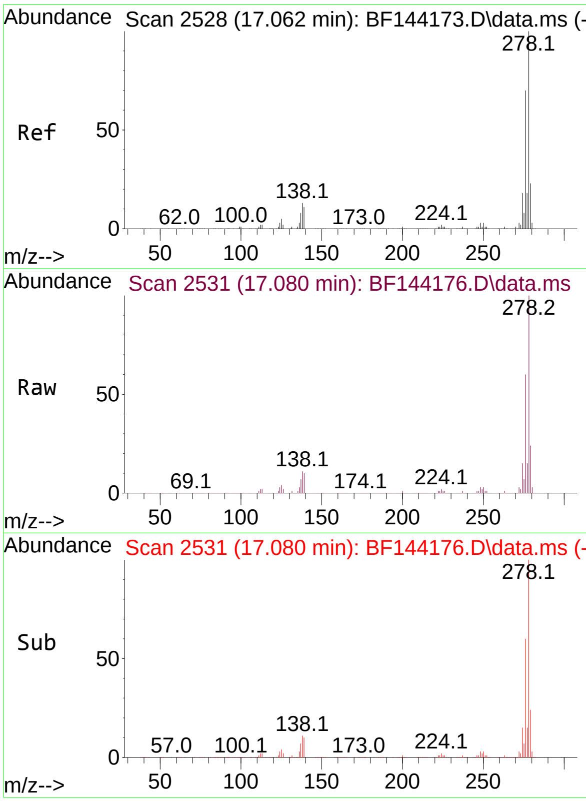
#90
Benzo(a)pyrene
Concen: 78.458 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:252 Resp: 877623

Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.7	25.1
125	7.0	5.7	8.5



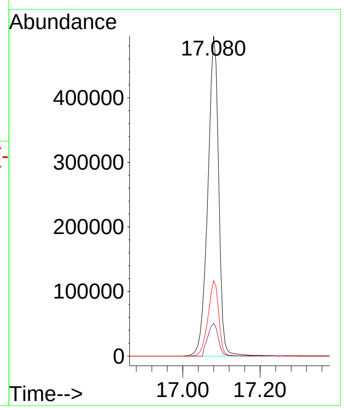
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

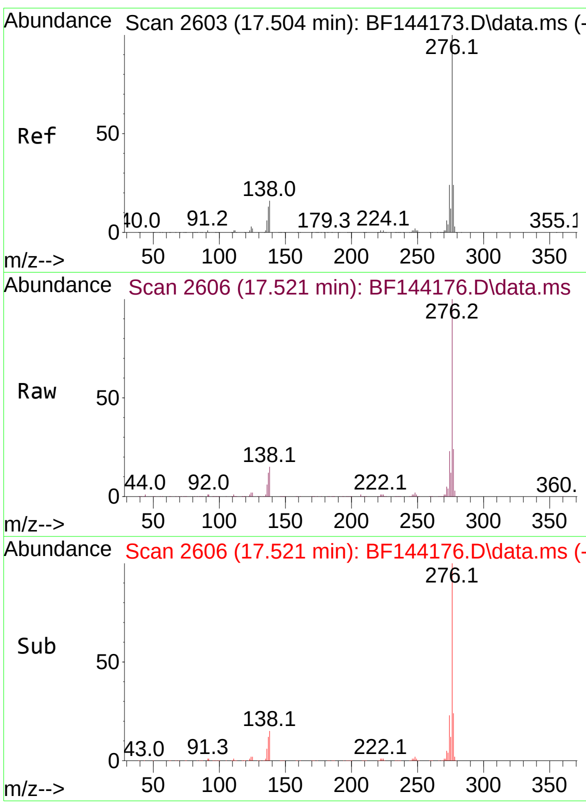


#91
Dibenzo(a,h)anthracene
Concen: 78.952 ng
RT: 17.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:278 Resp: 970735

Ion	Ratio	Lower	Upper
278	100		
139	10.2	9.1	13.7
279	23.6	18.2	27.4

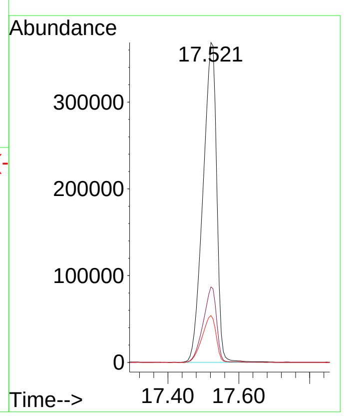




#92
Benzo(g,h,i)perylene
Concen: 80.827 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:276 Resp: 981387

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	14.6	12.9	19.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	69106	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	264133	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	143807	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	244964	20.000	ng		0.00
76) Chrysene-d12	14.057	240	162721	20.000	ng		0.00
86) Perylene-d12	15.539	264	215110	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	310198	70.243	ng		0.00
7) Phenol-d6	6.498	99	347682	69.484	ng		-0.01
23) Nitrobenzene-d5	7.440	82	313737	68.601	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	122691	67.987	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	679055	69.741	ng		0.00
79) Terphenyl-d14	12.992	244	689624	67.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.605	88	63887	34.992	ng		99
3) Pyridine	3.375	79	165752	32.541	ng		98
4) n-Nitrosodimethylamine	3.322	42	96379	36.224	ng		99
6) Aniline	6.534	93	264913	37.159	ng		99
8) 2-Chlorophenol	6.657	128	151995	35.096	ng		100
9) Benzaldehyde	6.428	77	128101	45.337	ng		99
10) Phenol	6.516	94	217418	35.563	ng		98
11) bis(2-Chloroethyl)ether	6.610	93	156661	35.167	ng		98
12) 1,3-Dichlorobenzene	6.816	146	192589	36.038	ng		98
13) 1,4-Dichlorobenzene	6.893	146	191978	35.858	ng		98
14) 1,2-Dichlorobenzene	7.045	146	189651	36.957	ng		98
15) Benzyl Alcohol	7.016	79	141026	35.593	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	289907	35.340	ng		99
17) 2-Methylphenol	7.122	107	119633	34.723	ng		97
18) Hexachloroethane	7.387	117	64124	36.050	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	112165	34.051	ng		95
20) 3+4-Methylphenols	7.275	107	145554	35.839	ng	#	89
22) Acetophenone	7.281	105	204331	36.061	ng		98
24) Nitrobenzene	7.457	77	172618	34.763	ng		99
25) Isophorone	7.692	82	300648	34.755	ng		100
26) 2-Nitrophenol	7.775	139	89771	36.521	ng		96
27) 2,4-Dimethylphenol	7.804	122	144915	39.334	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	191347	35.422	ng		98
29) 2,4-Dichlorophenol	8.016	162	144739	34.086	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	155562	35.677	ng		99
31) Naphthalene	8.181	128	438013	34.861	ng		99
32) Benzoic acid	7.916	122	81416m	30.148	ng		
33) 4-Chloroaniline	8.228	127	177275	38.685	ng		98
34) Hexachlorobutadiene	8.292	225	113543	34.552	ng		99
35) Caprolactam	8.592	113	38947	33.478	ng		97
36) 4-Chloro-3-methylphenol	8.704	107	130667	34.336	ng		98
37) 2-Methylnaphthalene	8.869	142	268630	31.978	ng		99
38) 1-Methylnaphthalene	8.969	142	271310	33.472	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	173491	36.811	ng		98
41) Hexachlorocyclopentadiene	9.022	237	69987	46.350	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	113418	35.357	ng		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	121621	35.179	ng	98
46) 1,1'-Biphenyl	9.334	154	366655	36.526	ng	99
47) 2-Chloronaphthalene	9.363	162	300481	35.092	ng	99
48) 2-Nitroaniline	9.457	65	88055	35.641	ng	97
49) Acenaphthylene	9.775	152	464616	39.818	ng	99
50) Dimethylphthalate	9.634	163	334163	35.076	ng	99
51) 2,6-Dinitrotoluene	9.698	165	70890	36.758	ng	97
52) Acenaphthene	9.951	154	262974	33.702	ng	98
53) 3-Nitroaniline	9.869	138	74572	35.372	ng	98
54) 2,4-Dinitrophenol	9.981	184	33460	28.732	ng	97
55) Dibenzofuran	10.122	168	389072	35.602	ng	99
56) 4-Nitrophenol	10.034	139	47167	30.929	ng	93
57) 2,4-Dinitrotoluene	10.104	165	92928	35.994	ng	98
58) Fluorene	10.463	166	298316	35.903	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	91542	37.425	ng	98
60) Diethylphthalate	10.333	149	304274	34.646	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	165662	35.002	ng	98
62) 4-Nitroaniline	10.481	138	70828	35.278	ng	97
63) Azobenzene	10.616	77	293901	35.958	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	52164	31.346	ng	96
66) n-Nitrosodiphenylamine	10.575	169	285930	36.292	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	106730	34.135	ng	97
68) Hexachlorobenzene	11.016	284	128202	34.810	ng	98
69) Atrazine	11.098	200	92182	36.790	ng	97
70) Pentachlorophenol	11.216	266	59981	32.706	ng	99
71) Phenanthrene	11.433	178	427466	35.049	ng	99
72) Anthracene	11.486	178	437609	35.286	ng	100
73) Carbazole	11.639	167	360909	34.224	ng	99
74) Di-n-butylphthalate	11.963	149	440261	34.535	ng	99
75) Fluoranthene	12.622	202	432624	34.338	ng	99
77) Benzidine	12.745	184	217389	45.165	ng	99
78) Pyrene	12.857	202	433110	33.011	ng	99
80) Butylbenzylphthalate	13.469	149	157485	34.633	ng	98
81) Benzo(a)anthracene	14.045	228	377686	33.489	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	153129	39.612	ng	96
83) Chrysene	14.086	228	359786	34.559	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	217122	34.880	ng	99
85) Di-n-octyl phthalate	14.645	149	377429	35.142	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	525298	34.019	ng	100
88) Benzo(b)fluoranthene	15.104	252	428292	35.021	ng	99
89) Benzo(k)fluoranthene	15.133	252	371234	32.431	ng	99
90) Benzo(a)pyrene	15.480	252	399556	35.415	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	423195	34.126	ng	99
92) Benzo(g,h,i)perylene	17.504	276	426866	34.857	ng	98

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

Quantitation Report (QT Reviewed)

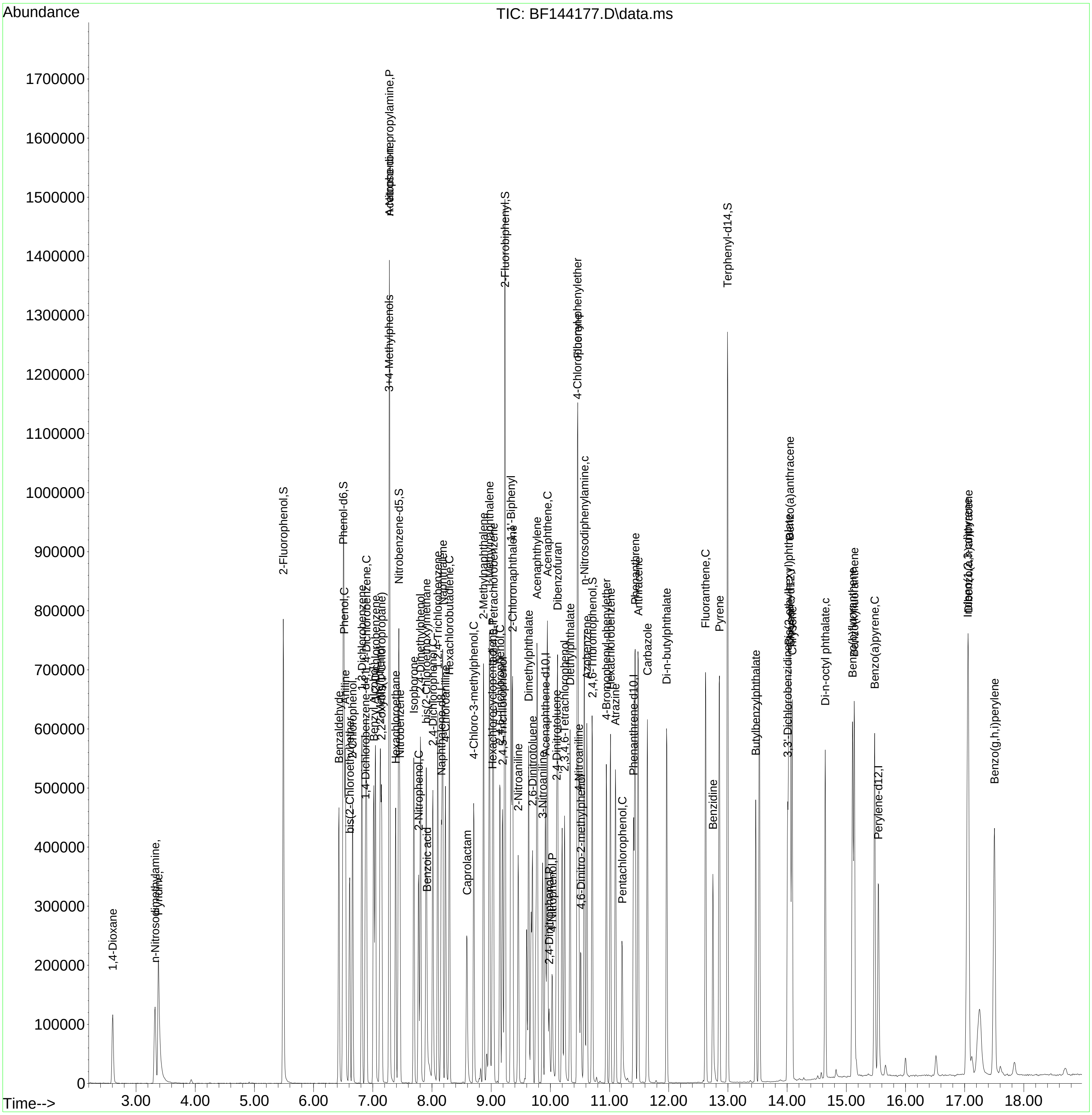
ICAL Form

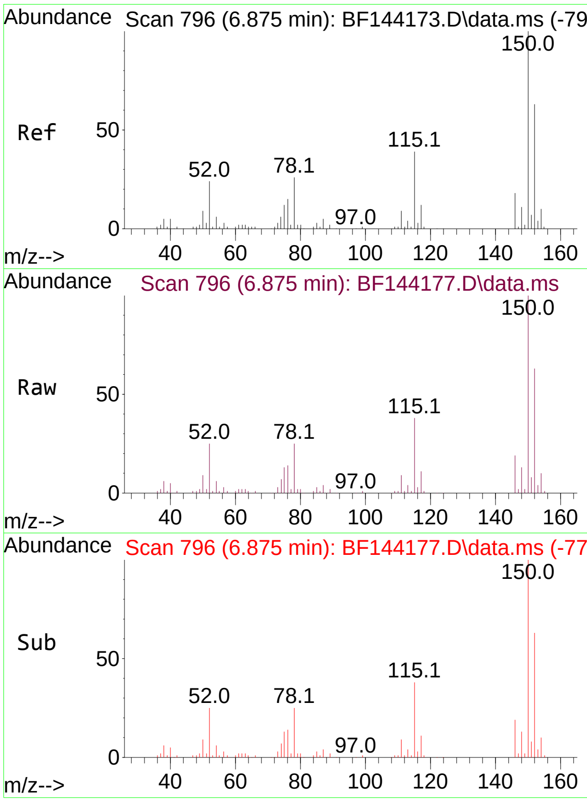
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

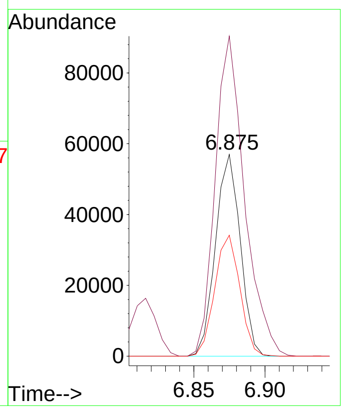




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:152 Resp: 69106

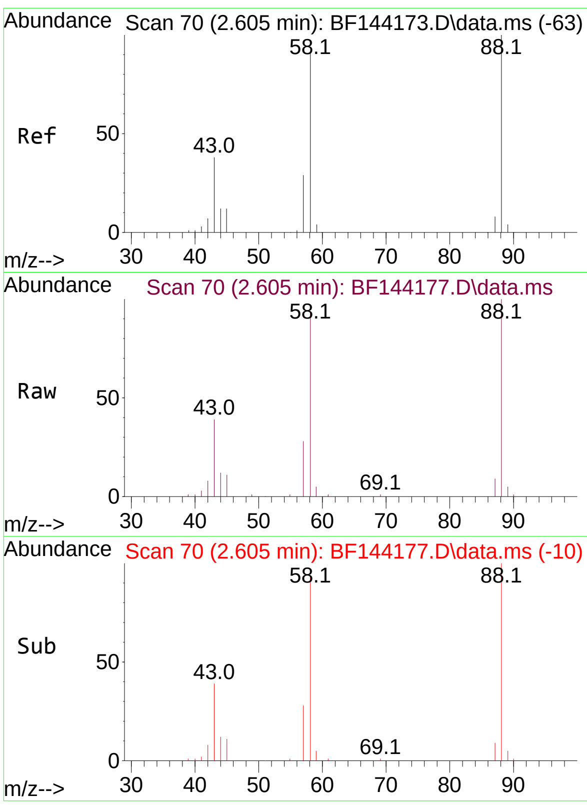
Ion	Ratio	Lower	Upper
152	100		
150	158.6	127.4	191.0
115	59.9	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations APPROVED

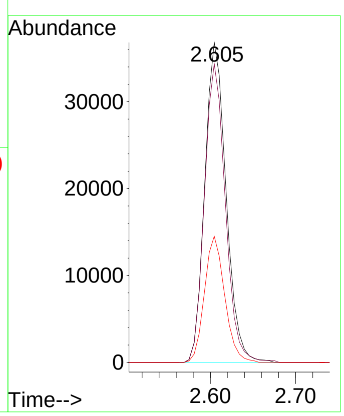
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



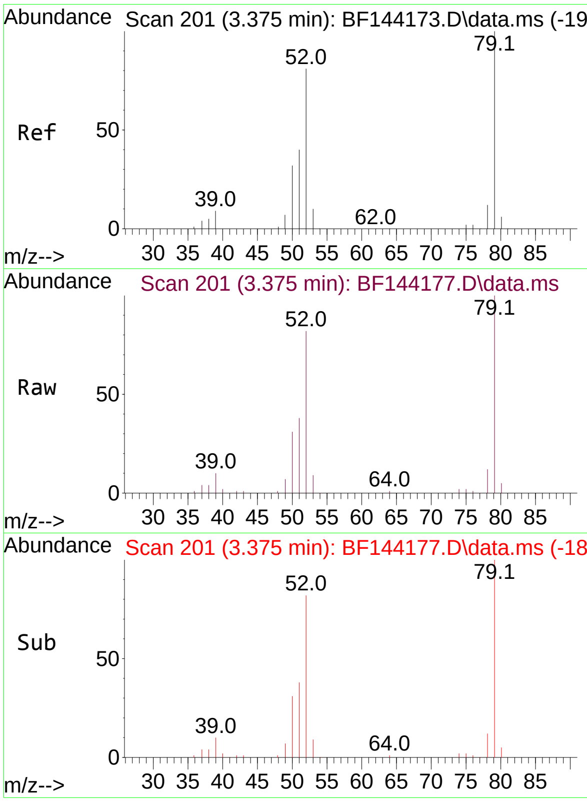
#2
1,4-Dioxane
Concen: 34.992 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 88 Resp: 63887

Ion	Ratio	Lower	Upper
88	100		
58	91.6	73.1	109.7
43	37.5	31.0	46.6



ICAL Form



#3
Pyridine
Concen: 32.541 ng
RT: 3.375 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

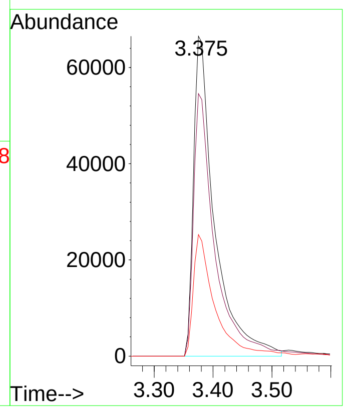
Tgt Ion: 79 Resp: 16575

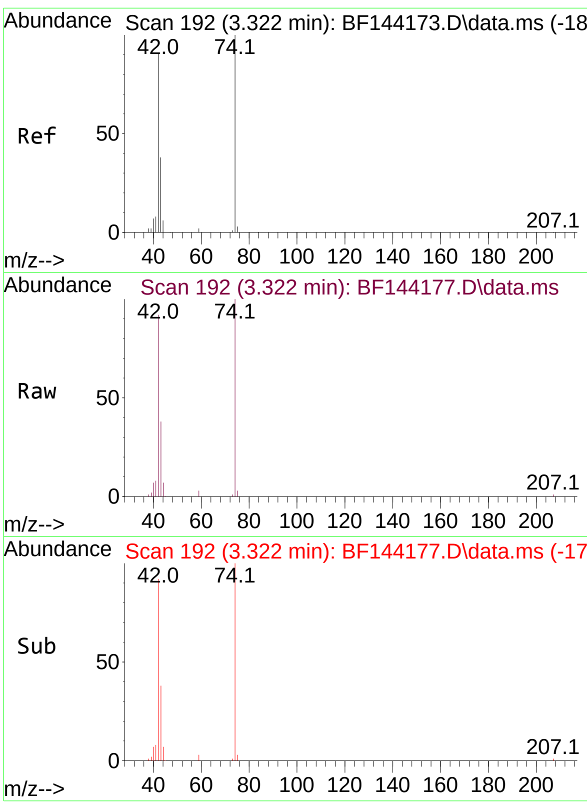
Ion	Ratio	Lower	Upper
79	100		
52	82.0	64.5	96.7
51	38.0	31.7	47.5

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

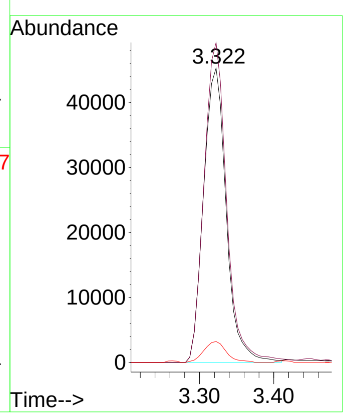




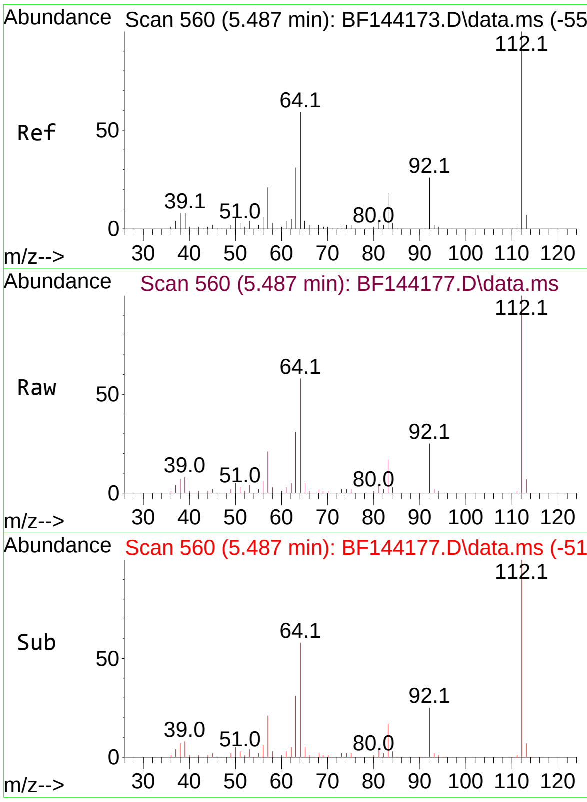
#4
n-Nitrosodimethylamine
Concen: 36.224 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 42 Resp: 96379

Ion	Ratio	Lower	Upper
42	100		
74	108.7	88.2	132.4
44	7.1	5.7	8.5



ICAL Form



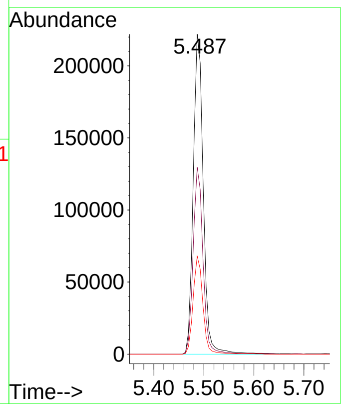
#5
2-Fluorophenol
Concen: 70.243 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

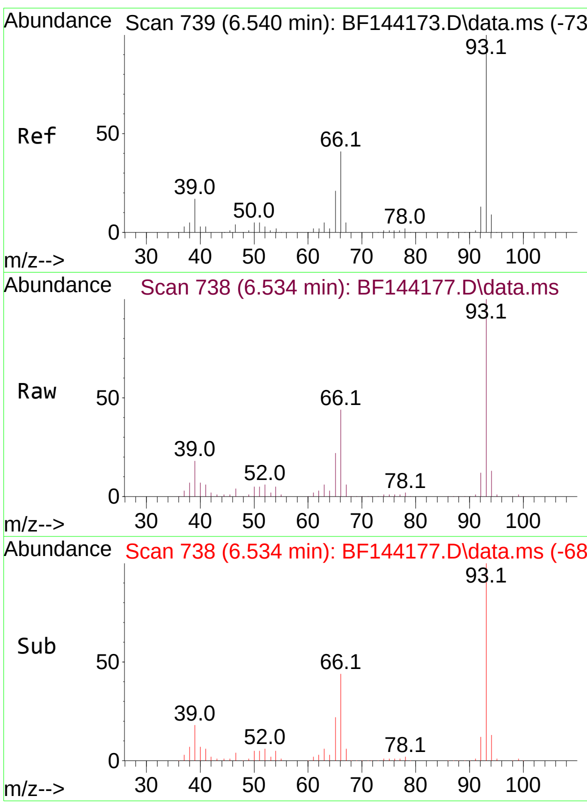
Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion:112 Resp: 310198

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.2	70.8
63	30.6	24.4	36.6

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

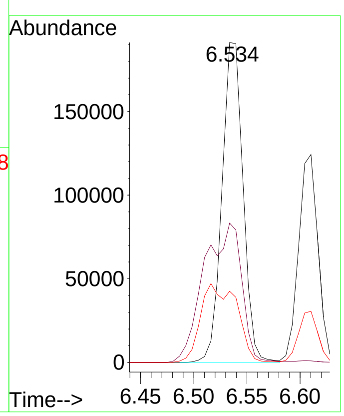


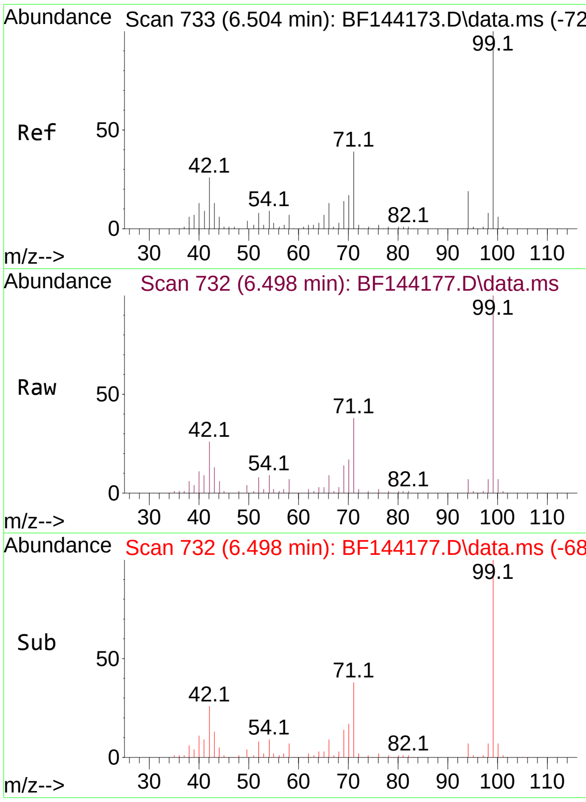


#6
Aniline
Concen: 37.159 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 93 Resp: 264913

Ion	Ratio	Lower	Upper
93	100		
66	43.5	34.3	51.5
65	22.2	16.9	25.3





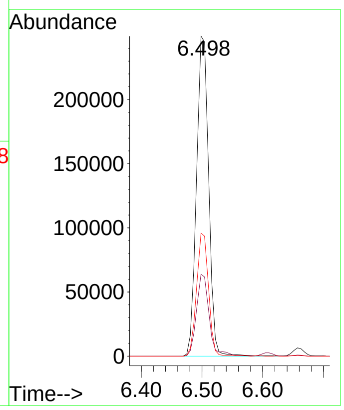
#7
Phenol-d6
Concen: 69.484 ng
RT: 6.498 min Scan# 73
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

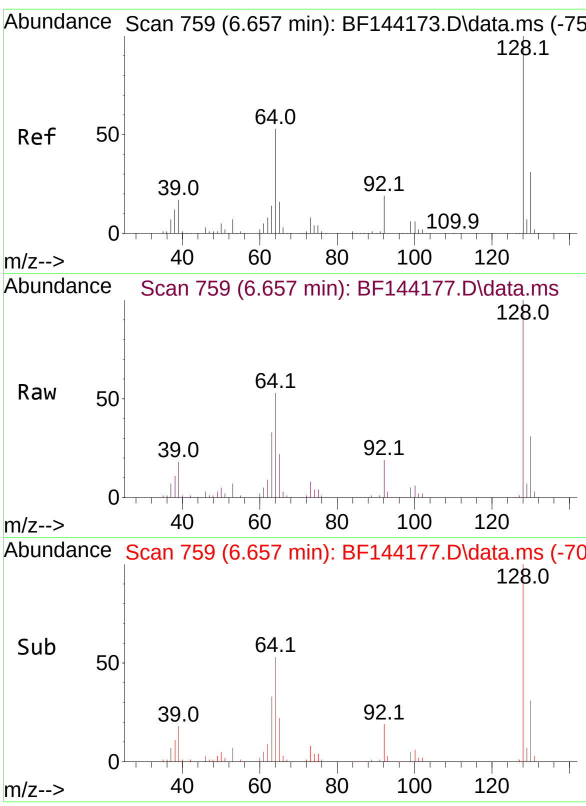
Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion: 99 Resp: 34768

Ion	Ratio	Lower	Upper
99	100		
42	25.6	20.9	31.3
71	38.4	31.4	47.2

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

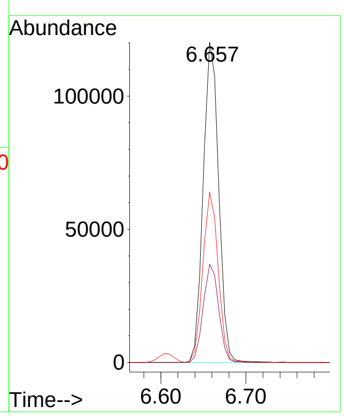


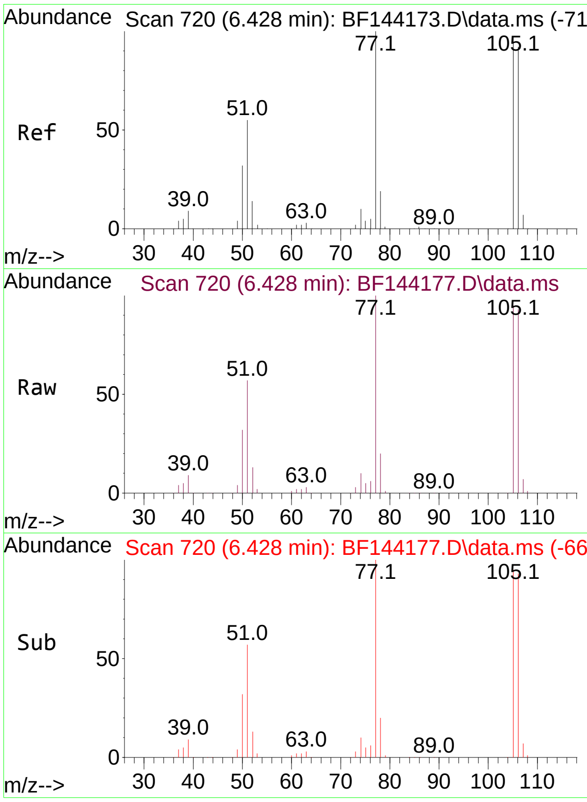


#8
2-Chlorophenol
Concen: 35.096 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:128 Resp: 151995

Ion	Ratio	Lower	Upper
128	100		
130	30.6	10.5	50.5
64	53.1	33.2	73.2





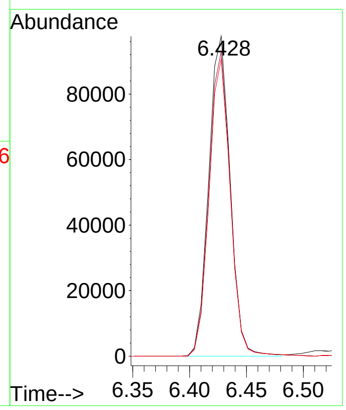
#9
Benzaldehyde
Concen: 45.337 ng
RT: 6.428 min   Scan# 7
Delta R.T.   0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025   17:21

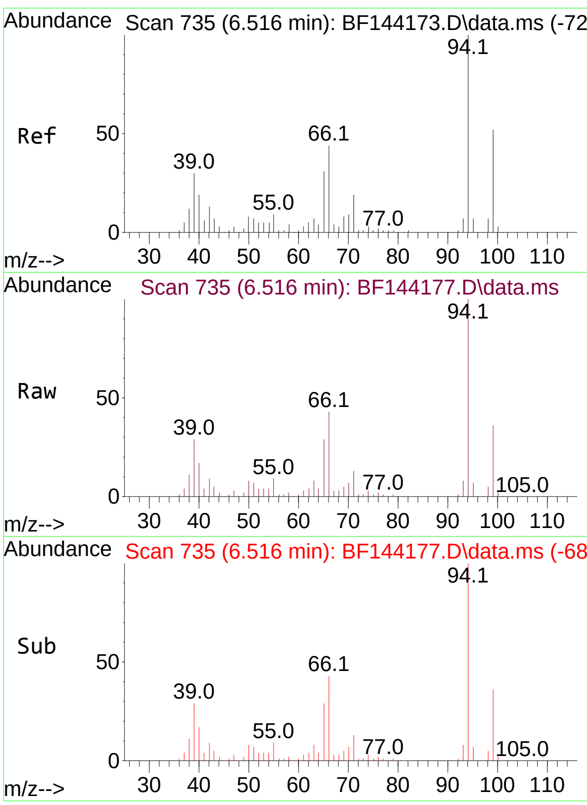
Tgt Ion: 77 Resp: 12810

Ion	Ratio	Lower	Upper
77	100		
105	95.1	77.2	117.2
106	92.9	72.2	112.2

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations APPROVED
Reviewed By :Rahul Chavli   11/06/2025
Supervised By :Jagrut Upadhyay   11/06/2025

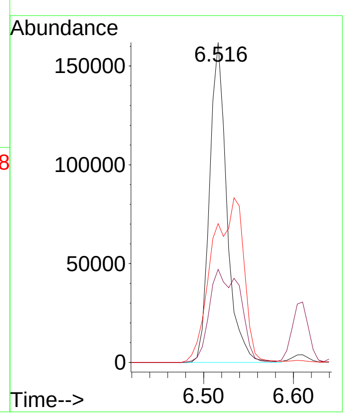




#10
Phenol
Concen: 35.563 ng
RT: 6.516 min   Scan# 735
Delta R.T.   -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025   17:21

Tgt Ion: 94 Resp: 217418

Ion	Ratio	Lower	Upper
94	100		
65	29.1	10.8	50.8
66	43.4	24.3	64.3



ICAL Form

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

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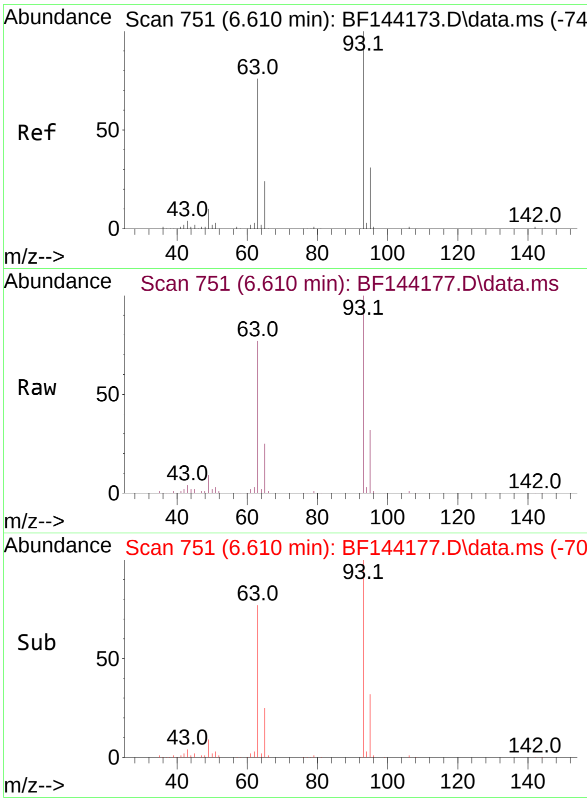
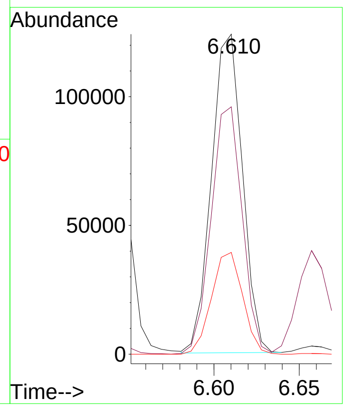
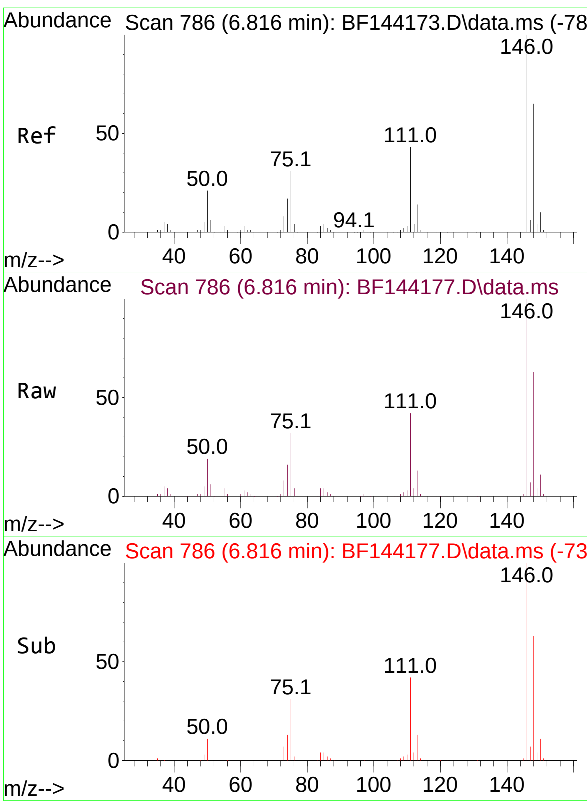
Supervised By :Jagrut Upadhyay 11/06/2025




```
#11
bis(2-Chloroethyl)ether
Concen:   35.167 ng
RT:   6.610 min   Scan# 7
Delta R.T.  -0.006 min
Lab File:    BF144177.D
Acq: 05 Nov 2025   17:21

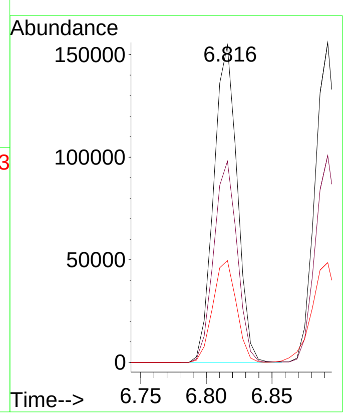
Tgt Ion: 93 Resp:  15666
Ion  Ratio  Lower  Upper
 93  100
 63   77.3   55.2   95.2
 95   31.8   11.2   51.2
```






```
#12
1,3-Dichlorobenzene
Concen:   36.038 ng
RT:   6.816 min   Scan# 786
Delta R.T.  0.000 min
Lab File:    BF144177.D
Acq: 05 Nov 2025   17:21

Tgt Ion:146 Resp:  192589
Ion  Ratio  Lower  Upper
146  100
148   63.4   51.8   77.8
 75   32.1   25.0   37.4
```



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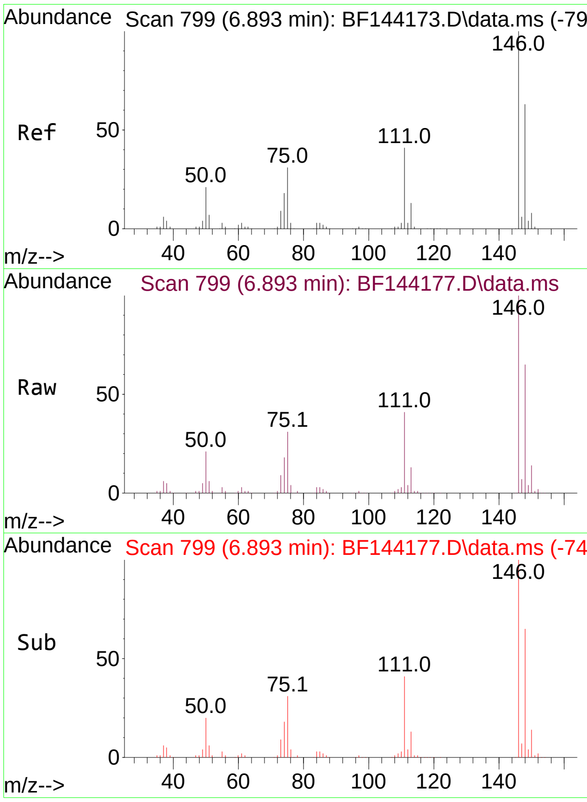

#13
1,4-Dichlorobenzene
Concen: 35.858 ng
RT: 6.893 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:146 Resp: 19197

Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.2	75.2
111	41.4	32.6	48.8

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

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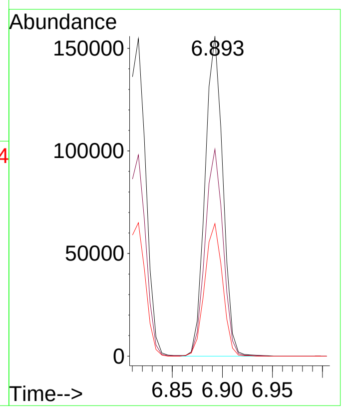
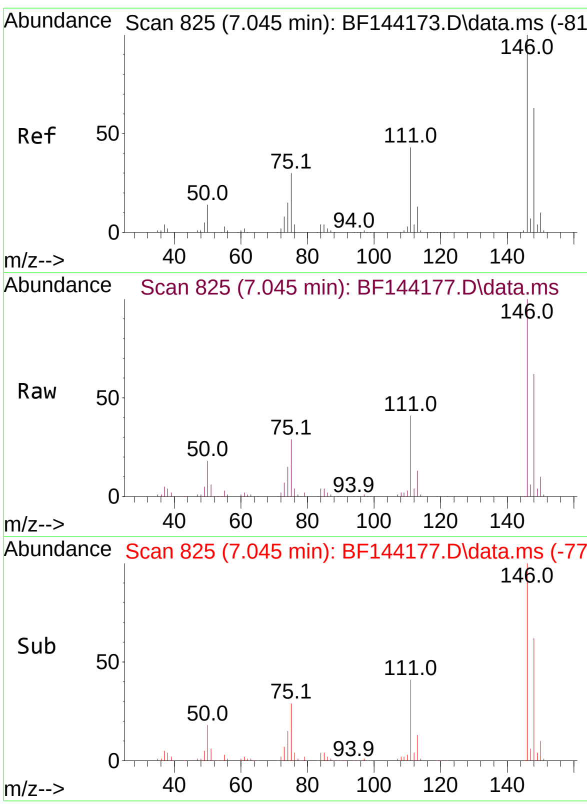
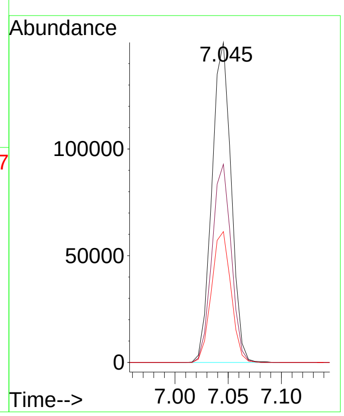




#14
1,2-Dichlorobenzene
Concen: 36.957 ng
RT: 7.045 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:146 Resp: 189651

Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.7	76.1
111	40.9	34.2	51.4



Instrument :
BNA_F
ClientSampleId :
ICVBF110525

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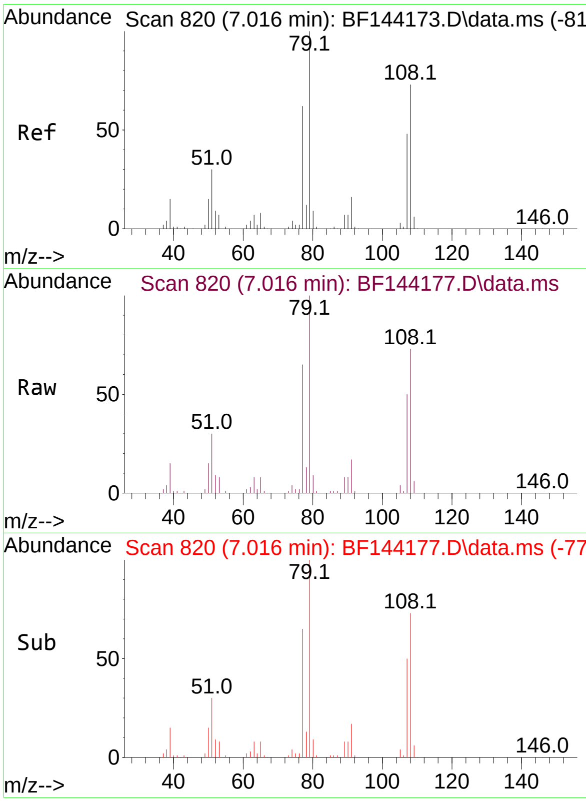
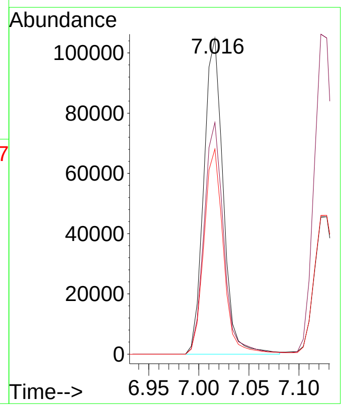
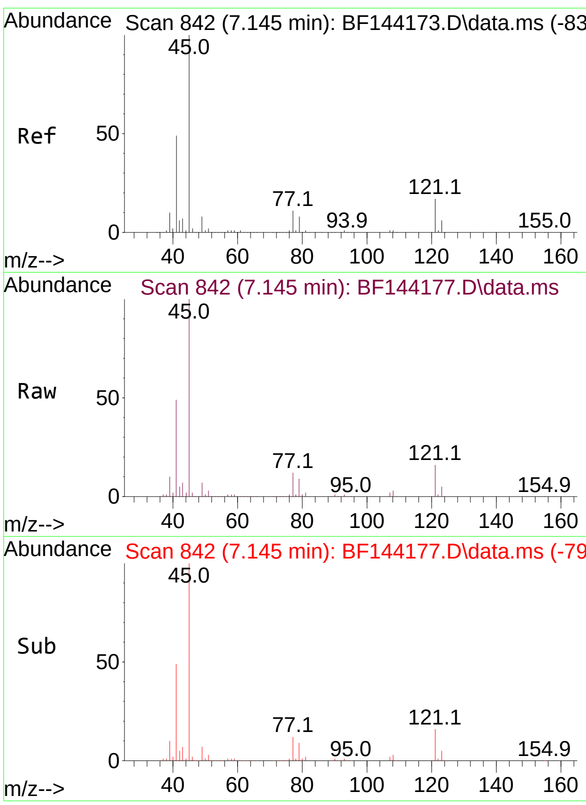


#15
Benzyl Alcohol
Concen: 35.593 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 79 Resp: 141026

Ion	Ratio	Lower	Upper
79	100		
108	73.3	58.2	87.4
77	64.9	49.9	74.9

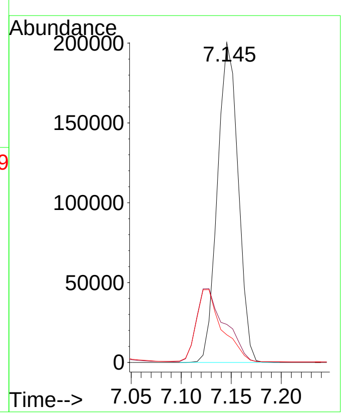


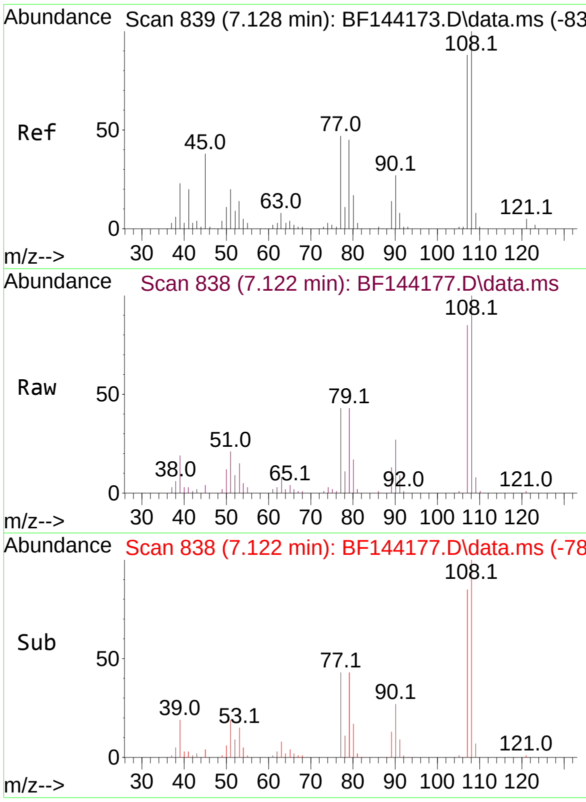


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.340 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 45 Resp: 289907

Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	31.8
79	8.6	0.0	29.1





#17
2-Methylphenol
Concen: 34.723 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion:107 Resp: 11963

Ion	Ratio	Lower	Upper
107	100		
108	117.7	91.0	136.4
77	51.0	42.7	64.1
79	50.4	41.4	62.2

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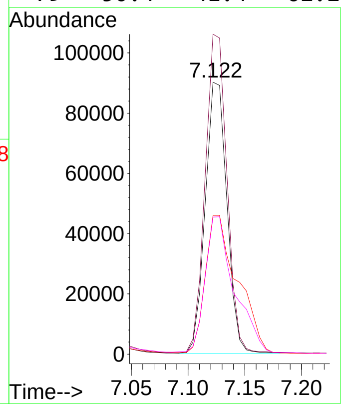
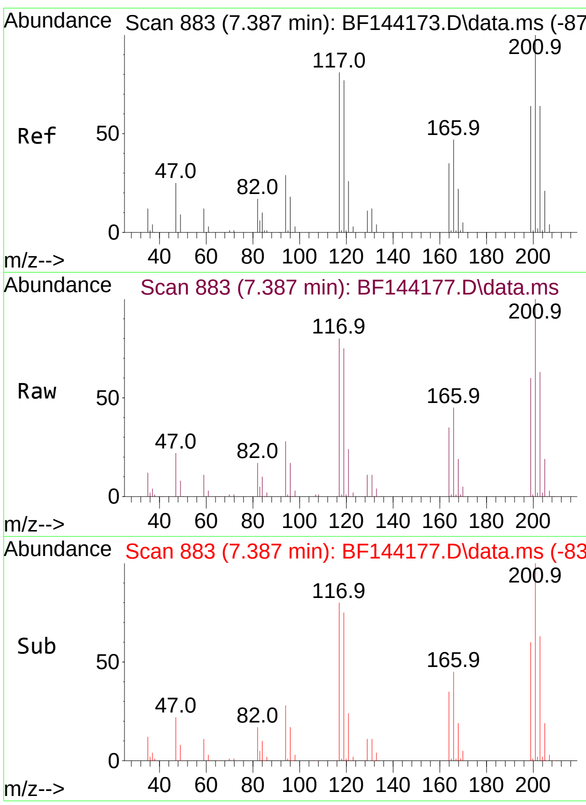
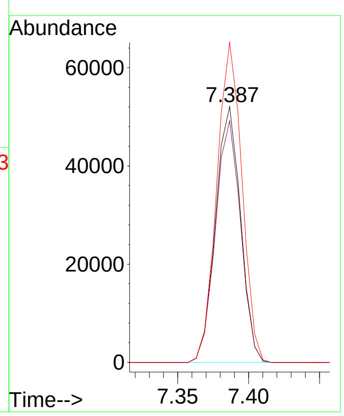




#18
Hexachloroethane
Concen: 36.050 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:117 Resp: 64124

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.8	113.8
201	125.1	98.9	148.3



Instrument :
BNA_F
ClientSampleId :
ICVBF110525

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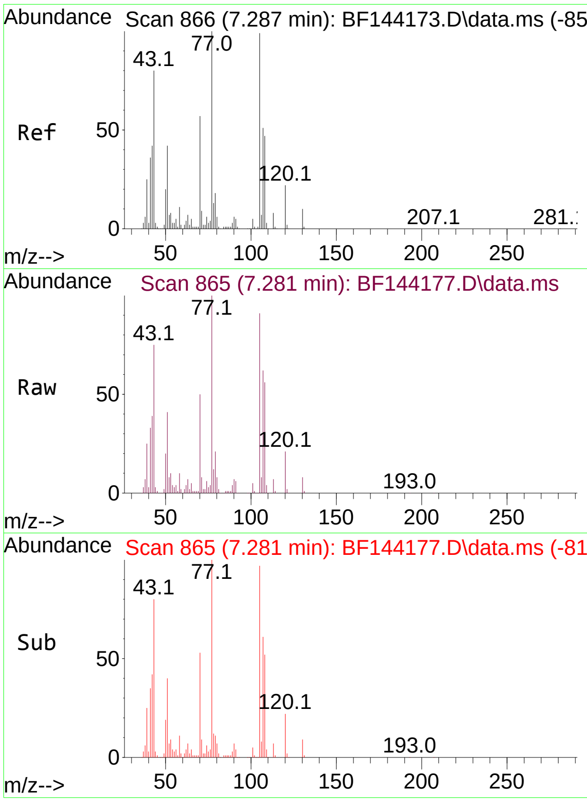
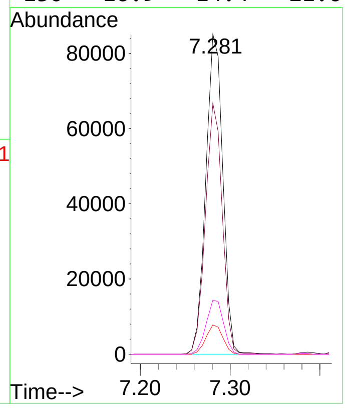
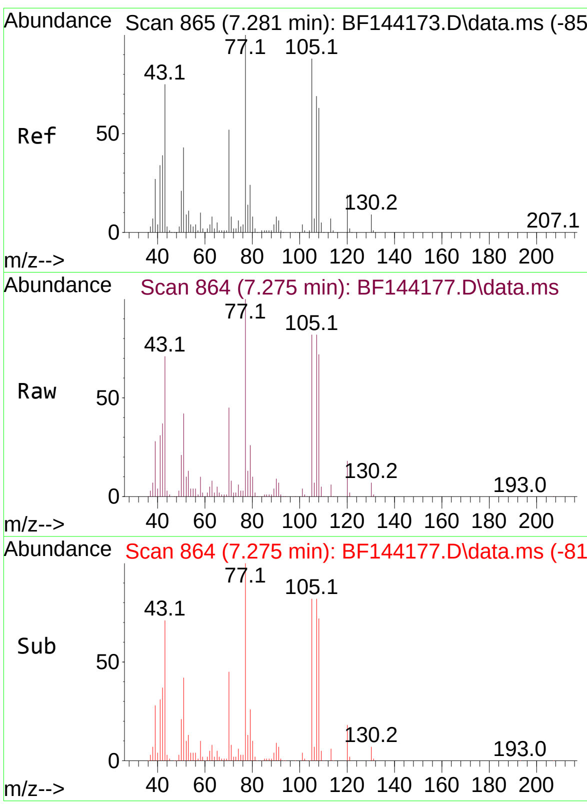


#19
n-Nitroso-di-n-propylamine
Concen: 34.051 ng
RT: 7.281 min Scan# 86
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 70 Resp: 112165

Ion	Ratio	Lower	Upper
70	100		
42	78.4	58.3	87.5
101	9.1	7.0	10.6
130	16.9	14.4	21.6

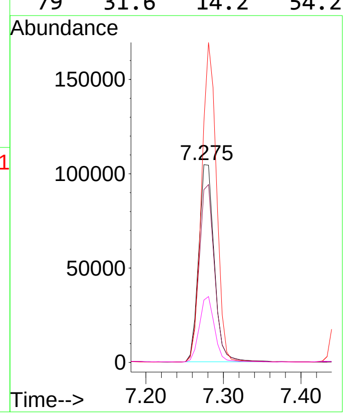


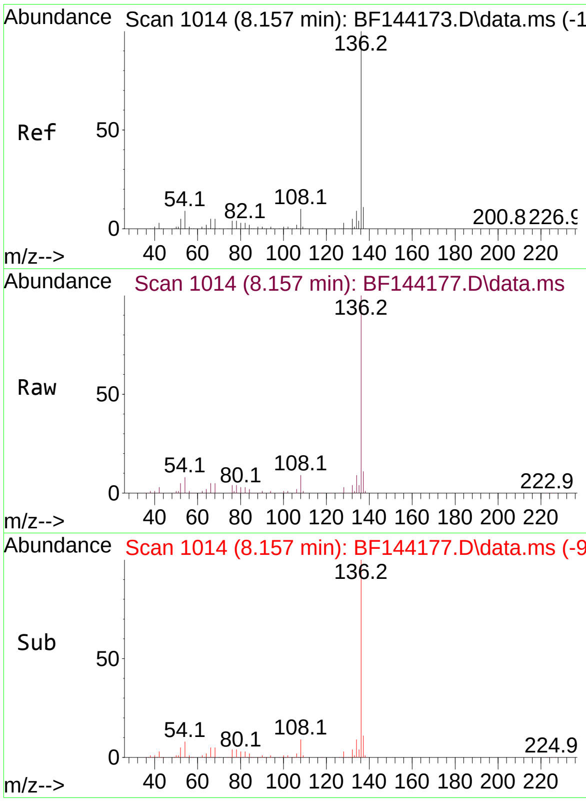


#20
3+4-Methylphenols
Concen: 35.839 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:107 Resp: 145554

Ion	Ratio	Lower	Upper
107	100		
108	87.4	70.2	110.2
77	121.6	123.9	163.9#
79	31.6	14.2	54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

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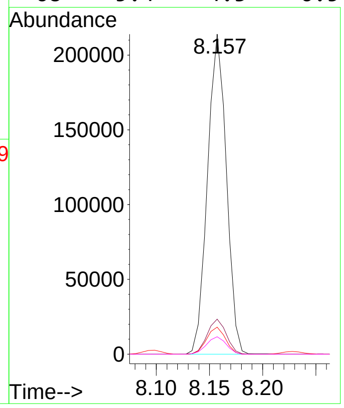
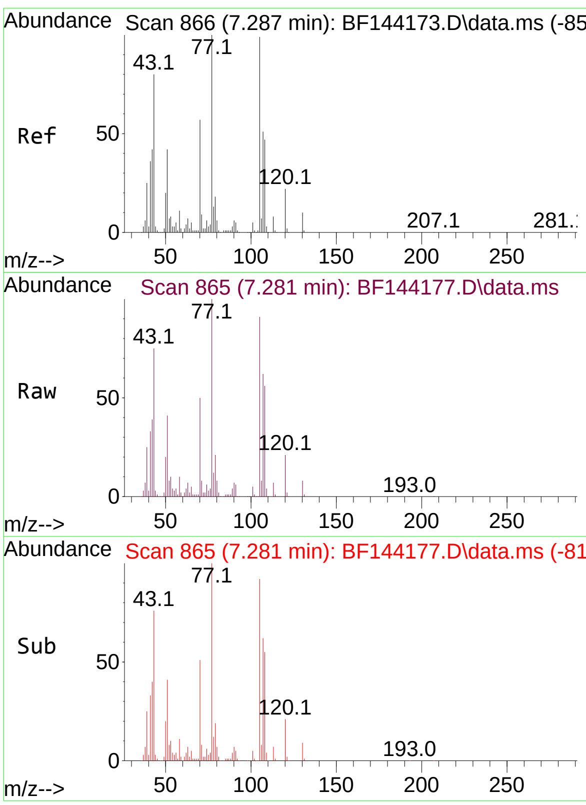
Supervised By :Jagrut Upadhyay 11/06/2025

Tgt Ion:136 Resp: 26413

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.4	7.0	10.6
68	5.4	4.3	6.5

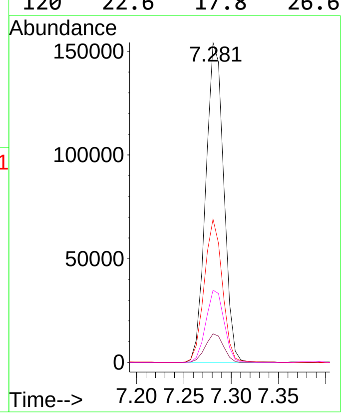


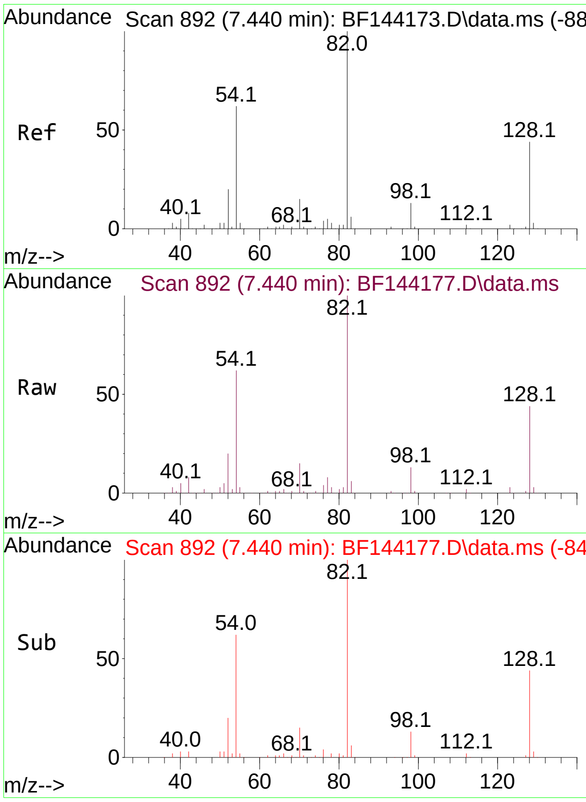


#22
Acetophenone
Concen: 36.061 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:105 Resp: 204331

Ion	Ratio	Lower	Upper
105	100		
71	8.9	7.2	10.8
51	44.8	34.0	51.0
120	22.6	17.8	26.6





#23
Nitrobenzene-d5
Concen: 68.601 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion: 82 Resp: 31373

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.7	52.1
54	61.7	49.5	74.3

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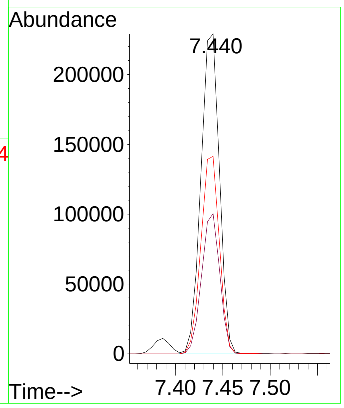
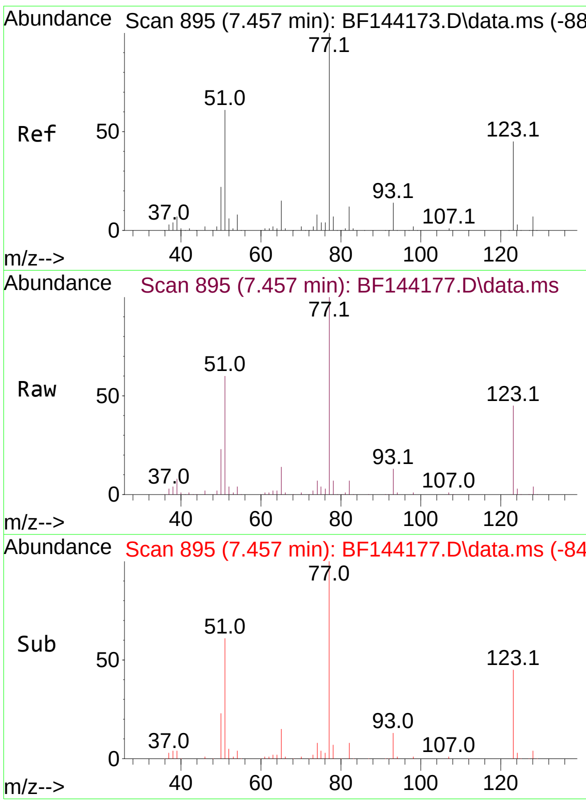
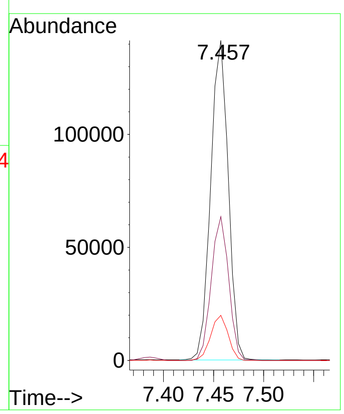




#24
Nitrobenzene
Concen: 34.763 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 77 Resp: 172618

Ion	Ratio	Lower	Upper
77	100		
123	44.9	35.8	53.8
65	14.1	12.2	18.2



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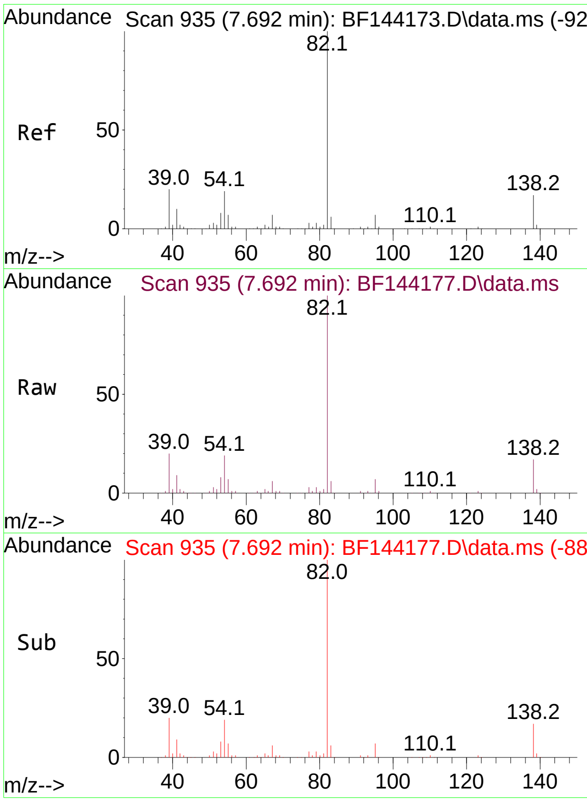

#25
Isophorone
Concen: 34.755 ng
RT: 7.692 min   Scan# 9
Delta R.T.   -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025   17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion: 82 Resp: 30064

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	17.2	13.7	20.5

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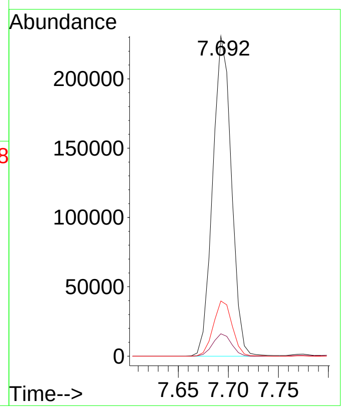
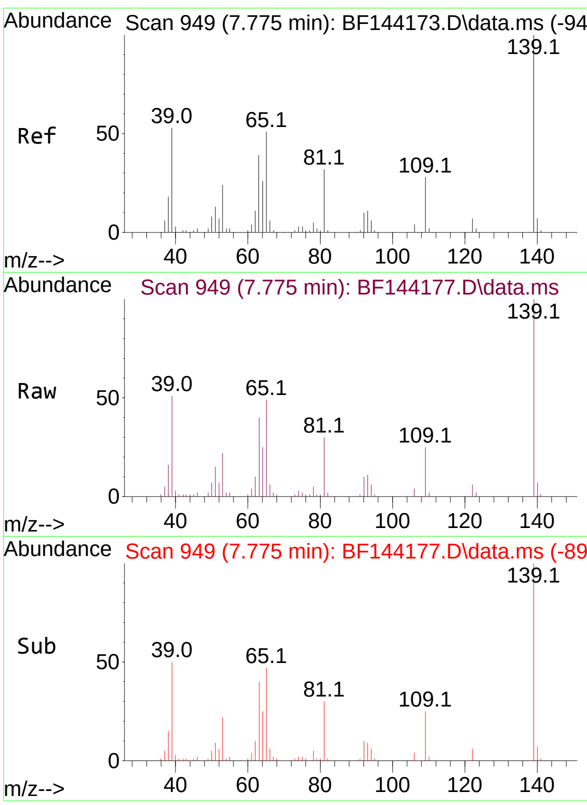
Supervised By :Jagrut Upadhyay   11/06/2025

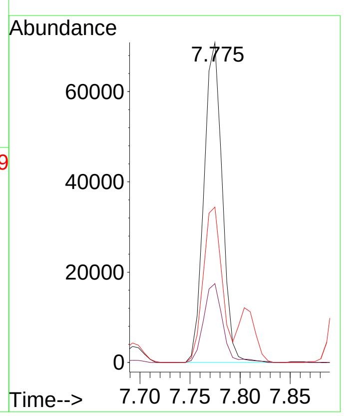




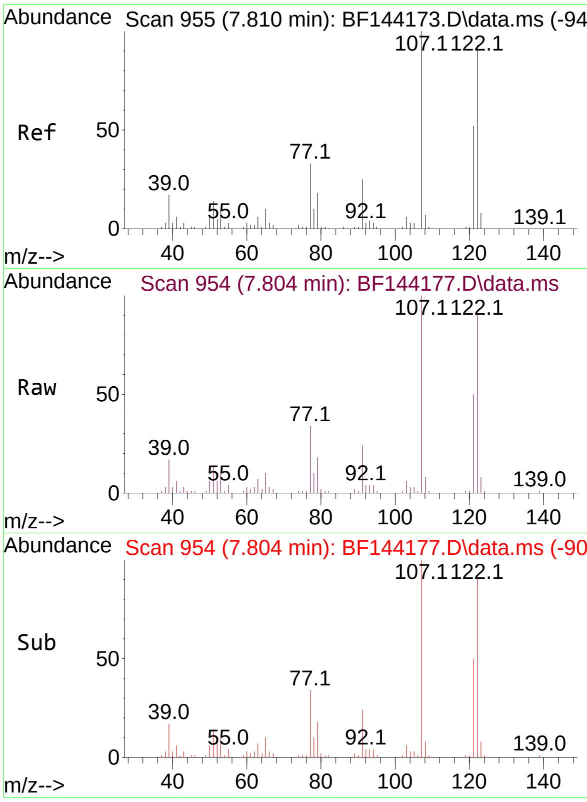
#26
2-Nitrophenol
Concen: 36.521 ng
RT: 7.775 min   Scan# 949
Delta R.T.   0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025   17:21

Tgt Ion:139 Resp: 89771

Ion	Ratio	Lower	Upper
139	100		
109	24.6	22.2	33.2
65	48.5	40.7	61.1



ICAL Form




```
#27
2,4-Dimethylphenol
Concen:   39.334 ng
RT:   7.804 min  Scan# 95
Delta R.T.  -0.012 min
Lab File:   BF144177.D
Acq: 05 Nov 2025  17:21

Tgt Ion:122 Resp:  144915
Ion  Ratio  Lower  Upper
122  100
107  110.2   86.2  129.4
121   54.8   44.6   66.8
```

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

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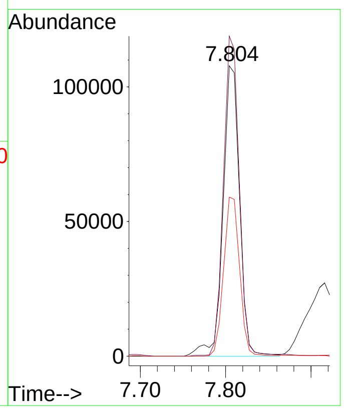
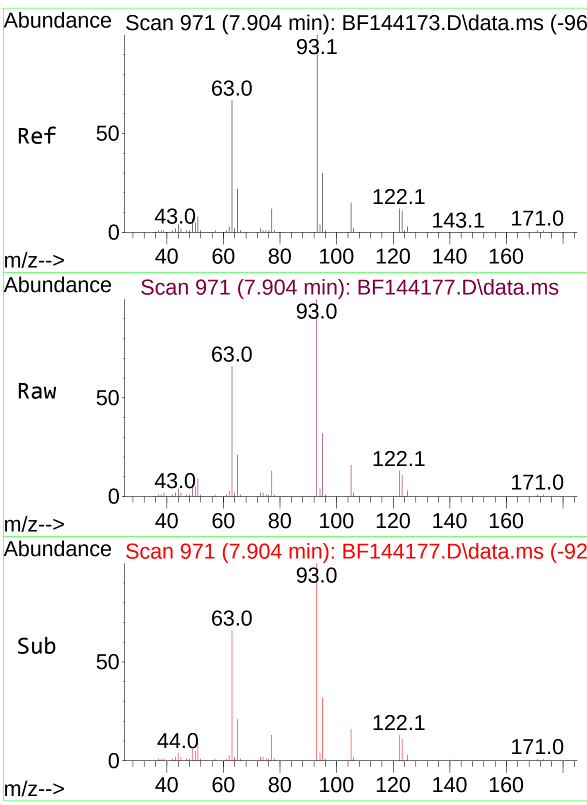
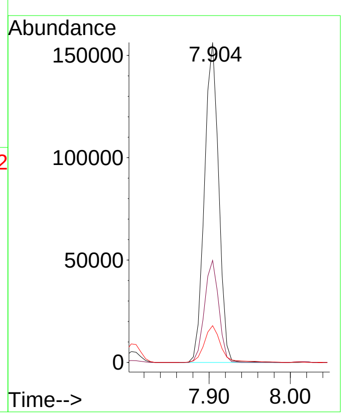





```
#28
bis(2-Chloroethoxy)methane
Concen:   35.422 ng
RT:   7.904 min  Scan# 971
Delta R.T.  -0.006 min
Lab File:   BF144177.D
Acq: 05 Nov 2025  17:21

Tgt Ion: 93 Resp:  191347
Ion  Ratio  Lower  Upper
 93  100
 95   31.9   24.2   36.4
123   11.5    9.0   13.4
```



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Instrument :
BNA_F
ClientSampleId :
ICVBF110525

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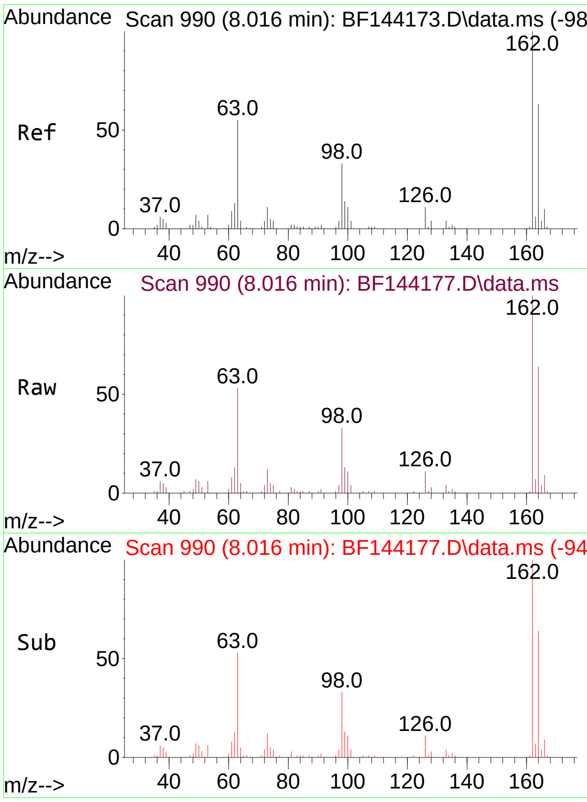
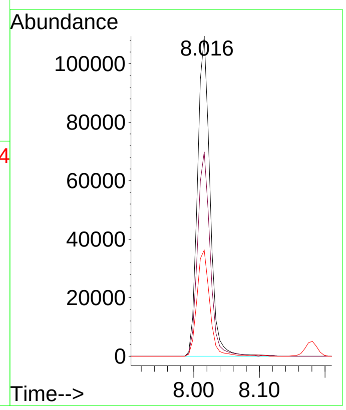
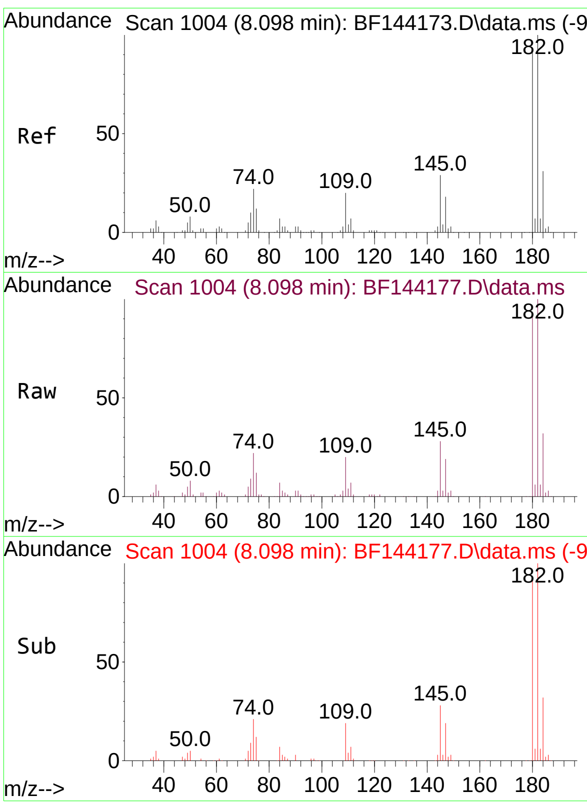


#29
2,4-Dichlorophenol
Concen: 34.086 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:162 Resp: 14473

Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.9	82.9
98	33.1	13.3	53.3

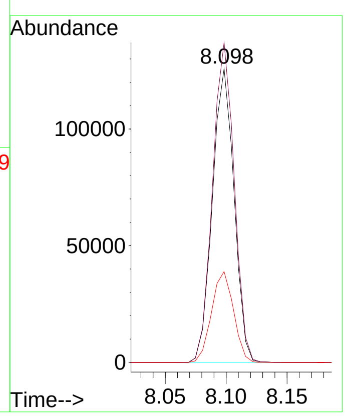


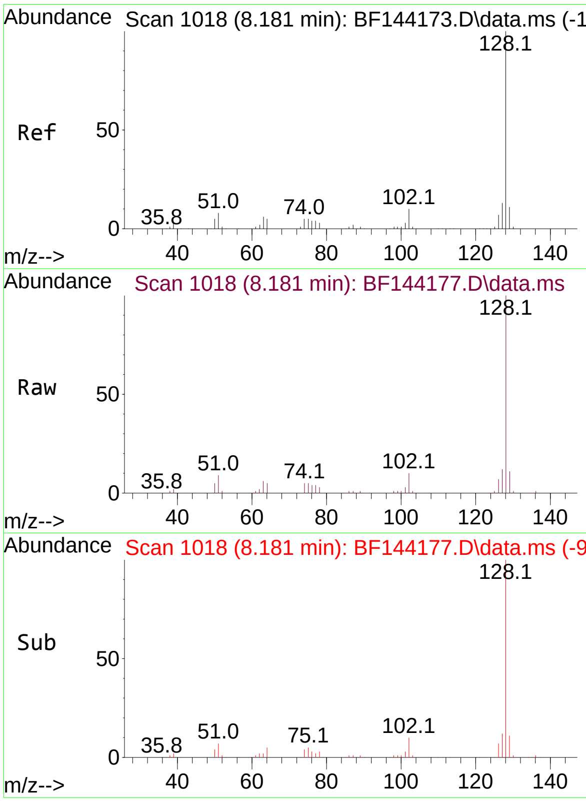


#30
1,2,4-Trichlorobenzene
Concen: 35.677 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:180 Resp: 155562

Ion	Ratio	Lower	Upper
180	100		
182	108.9	87.7	131.5
145	30.9	25.4	38.0





#31
Naphthalene
Concen: 34.861 ng
RT: 8.181 min   Scan# 10
Delta R.T.   -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025   17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

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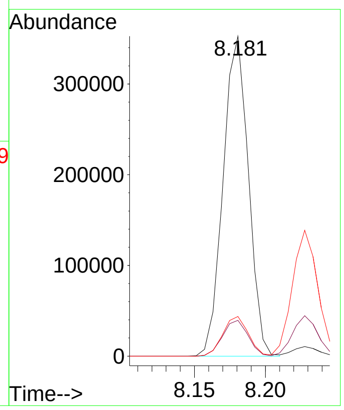
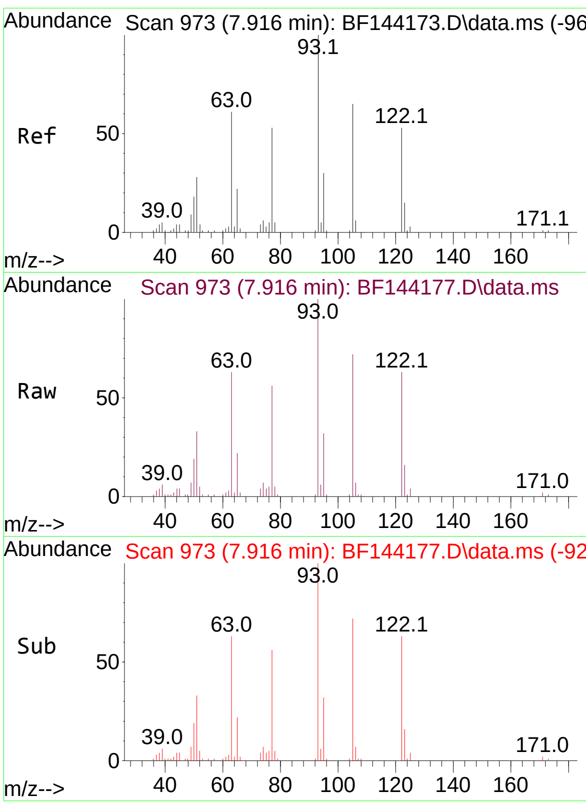
Supervised By :Jagrut Upadhyay   11/06/2025

Tgt Ion:128 Resp: 43801

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	12.4	10.3	15.5

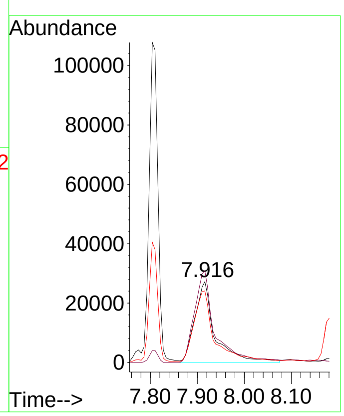




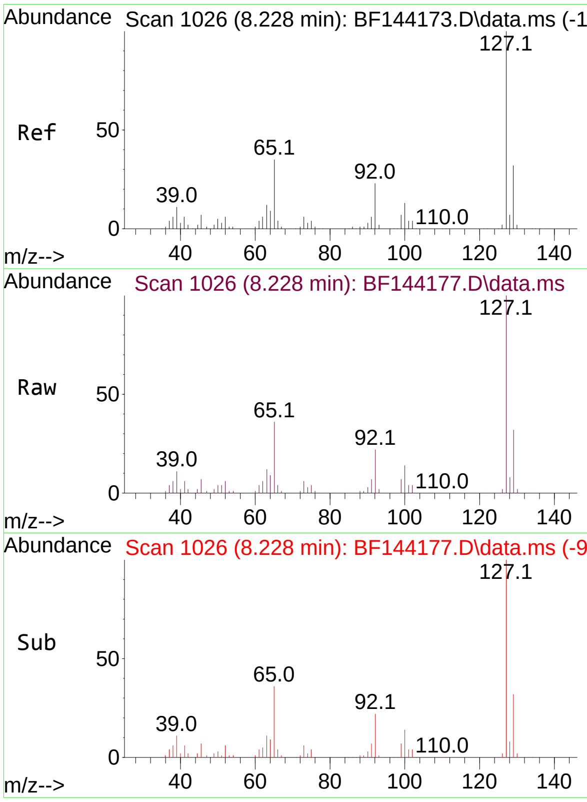
#32
Benzoic acid
Concen: 30.148 ng   m
RT: 7.916 min   Scan# 973
Delta R.T.   -0.035 min
Lab File: BF144177.D
Acq: 05 Nov 2025   17:21

Tgt Ion:122 Resp: 81416

Ion	Ratio	Lower	Upper
122	100		
105	113.5	99.9	139.9
77	88.6	77.5	117.5



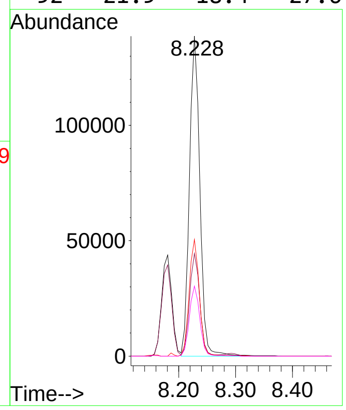
ICAL Form



#33
4-Chloroaniline
Concen: 38.685 ng
RT: 8.228 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:127 Resp: 177275

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.3	37.9
65	36.4	27.6	41.4
92	21.9	18.4	27.6



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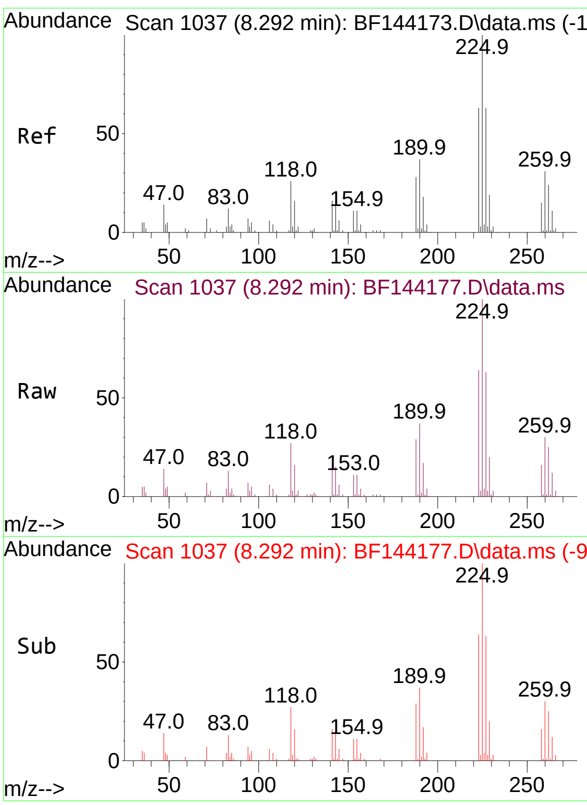
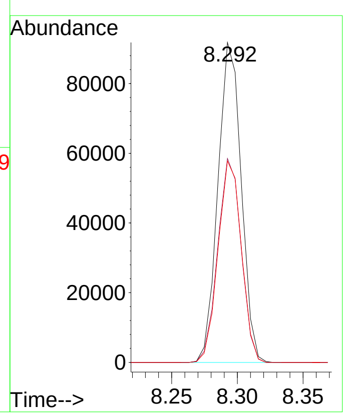


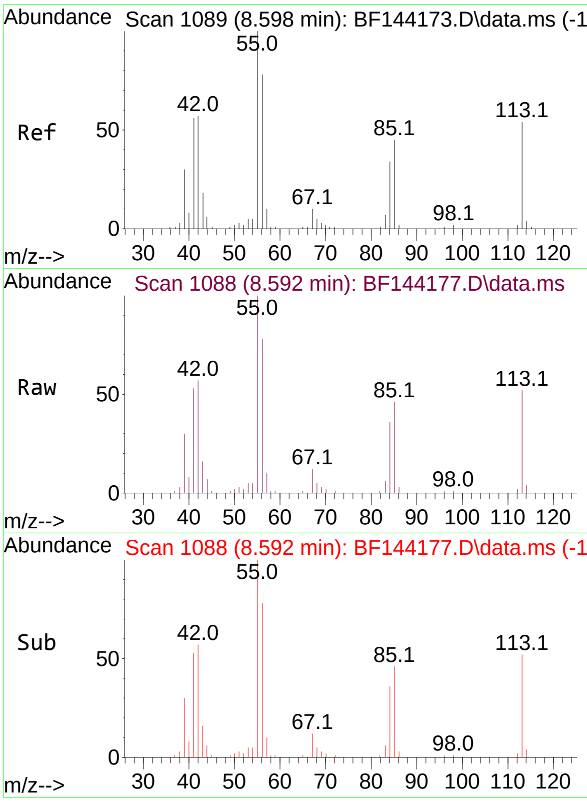
#34
Hexachlorobutadiene
Concen: 34.552 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:225 Resp: 113543

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.2	75.4
227	62.9	50.1	75.1



ICAL Form



#35
Caprolactam
Concen: 33.478 ng
RT: 8.592 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
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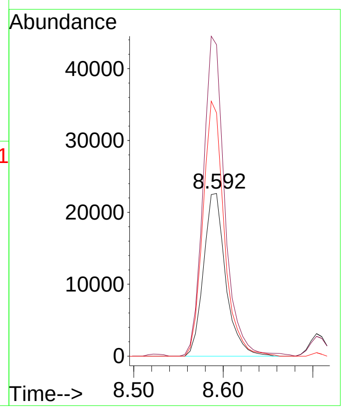
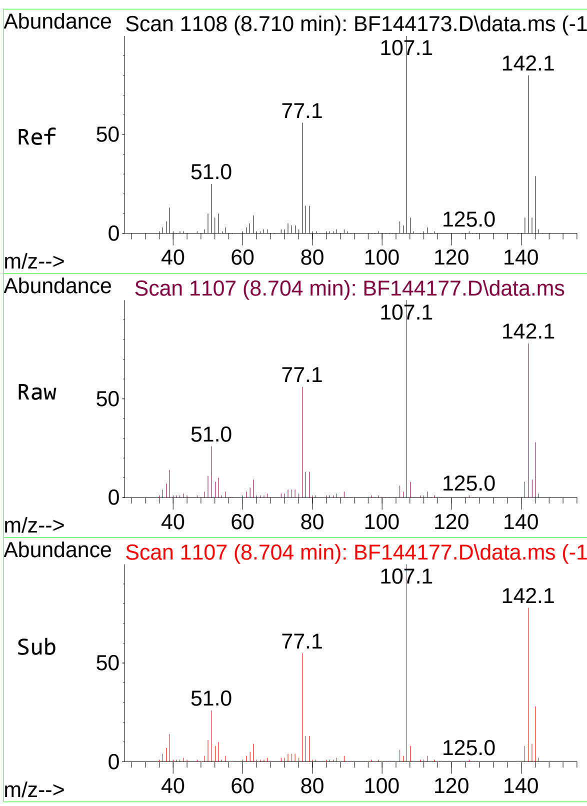
Tgt Ion:113 Resp: 3894

Ion	Ratio	Lower	Upper
113	100		
55	191.5	166.8	206.8
56	149.7	125.9	165.9

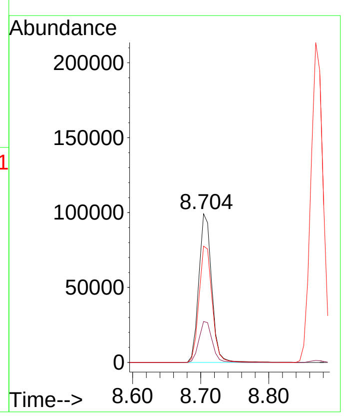




#36
4-Chloro-3-methylphenol
Concen: 34.336 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:107 Resp: 130667

Ion	Ratio	Lower	Upper
107	100		
144	27.5	23.3	34.9
142	78.3	63.8	95.6



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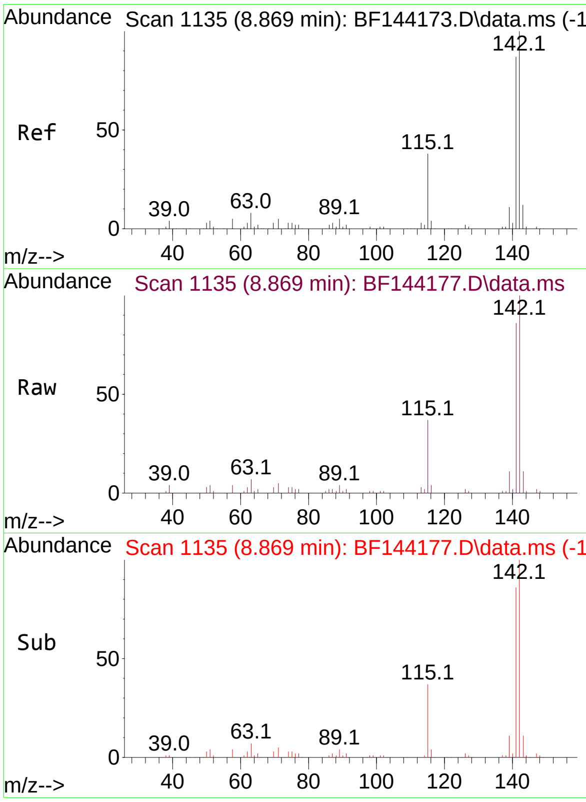

#37
2-Methylnaphthalene
Concen: 31.978 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:142 Resp: 26863

Ion	Ratio	Lower	Upper
142	100		
141	86.3	69.9	104.9

Instrument :
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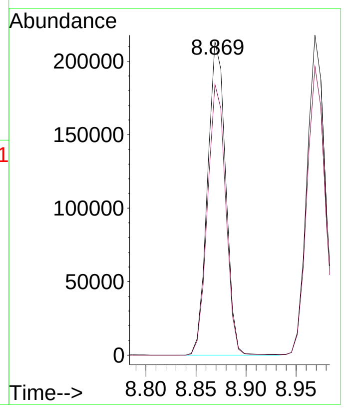
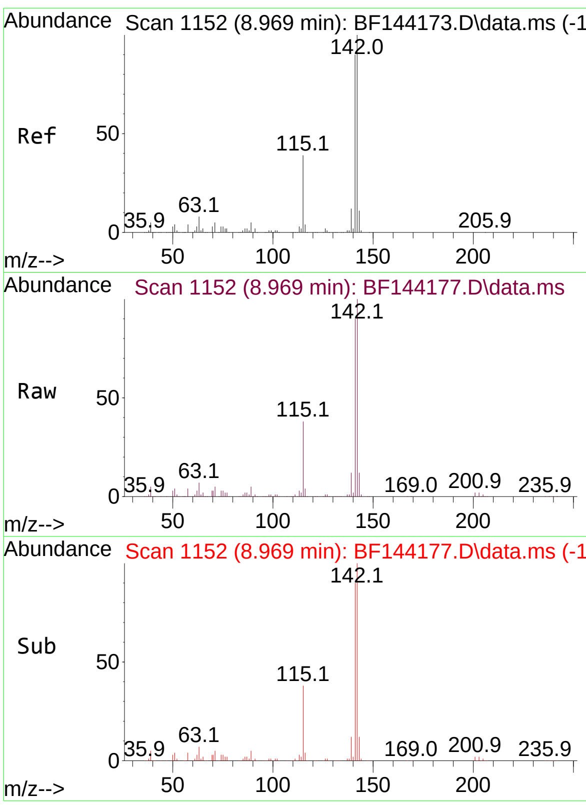
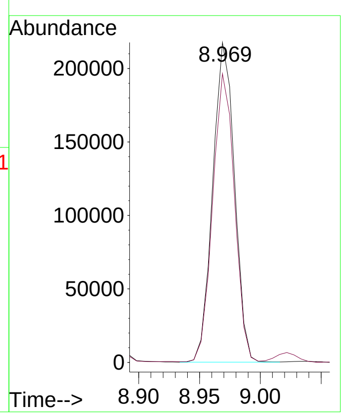


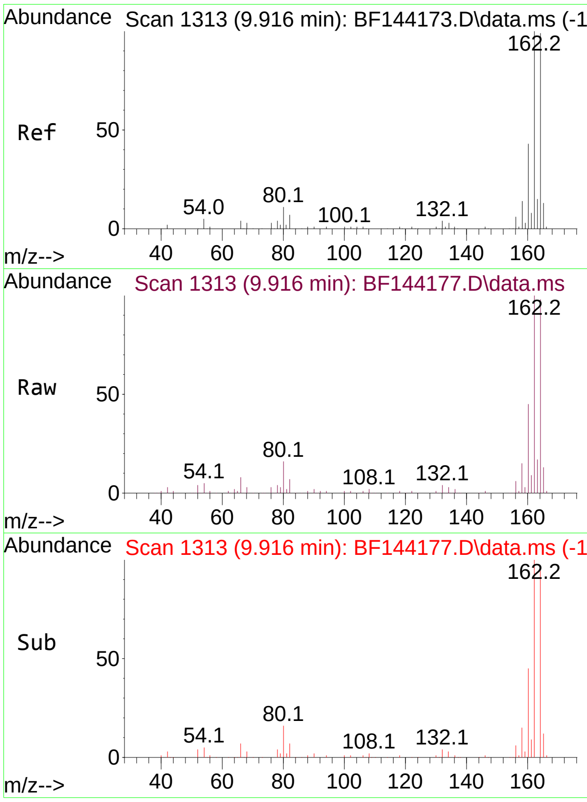


#38
1-Methylnaphthalene
Concen: 33.472 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:142 Resp: 271310

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.1	108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:164 Resp: 14380

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.1	121.7
160	45.3	34.5	51.7

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Instrument :
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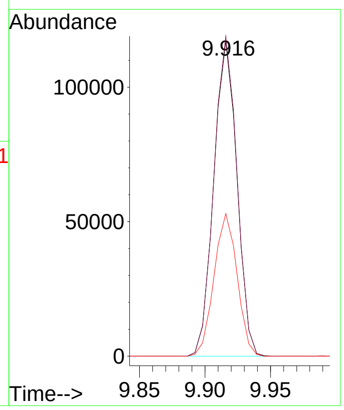
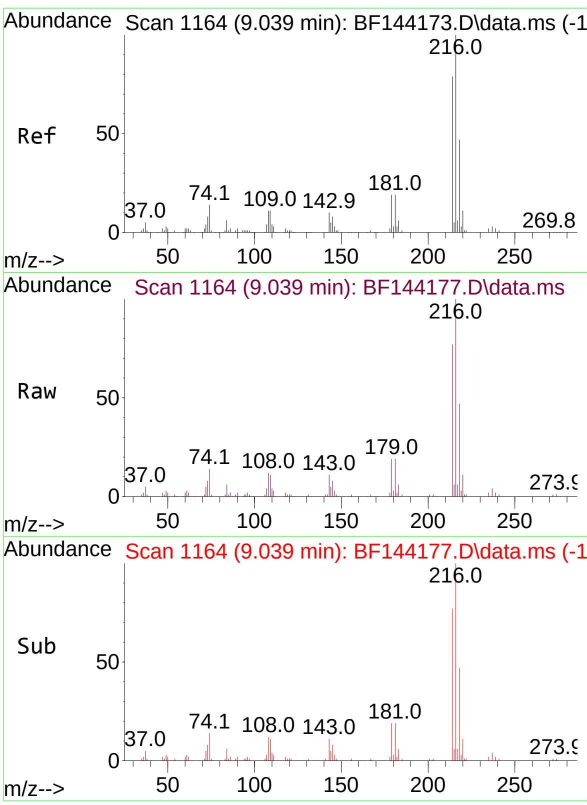
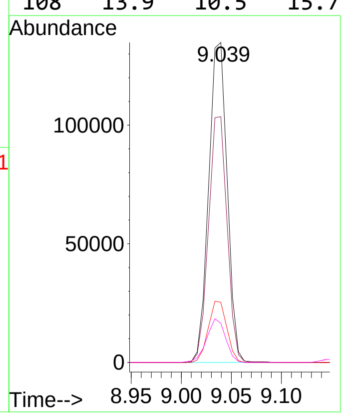


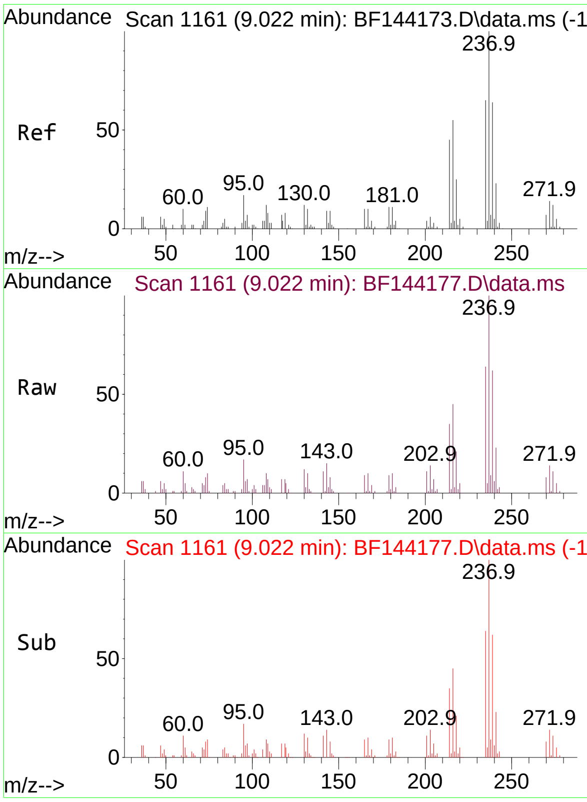


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.811 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:216 Resp: 173491

Ion	Ratio	Lower	Upper
216	100		
214	76.8	63.4	95.2
179	19.1	15.0	22.4
108	13.9	10.5	15.7





#41
Hexachlorocyclopentadiene
Concen: 46.350 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:237 Resp: 6998

Ion	Ratio	Lower	Upper
237	100		
235	63.7	45.5	85.5
272	14.0	0.0	33.5

Instrument :
BNA_F
ClientSampleId :
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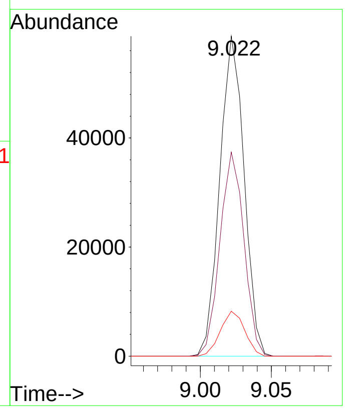
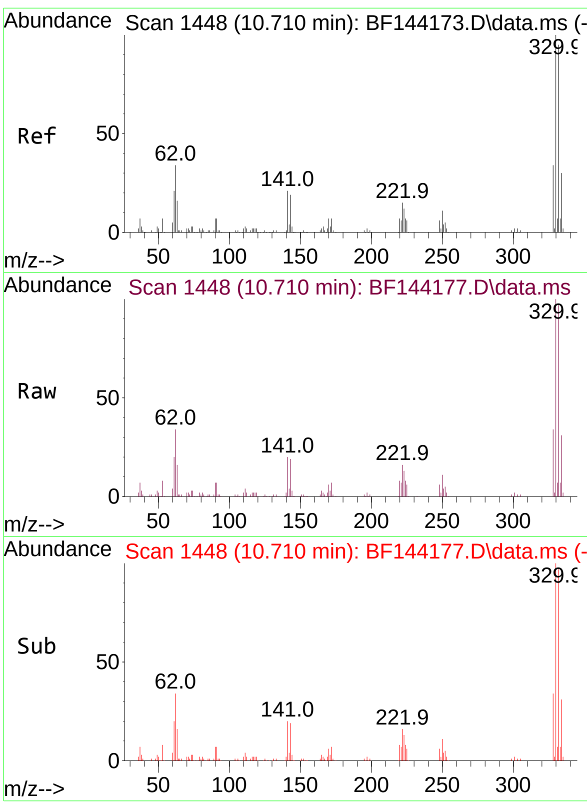
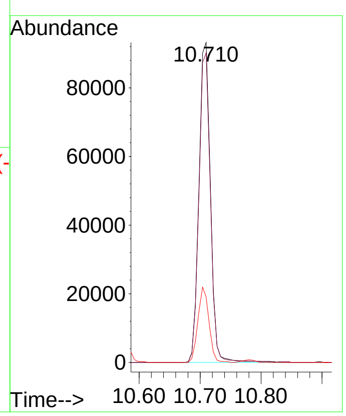




#42
2,4,6-Tribromophenol
Concen: 67.987 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:330 Resp: 122691

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.7	115.1
141	22.4	17.8	26.8



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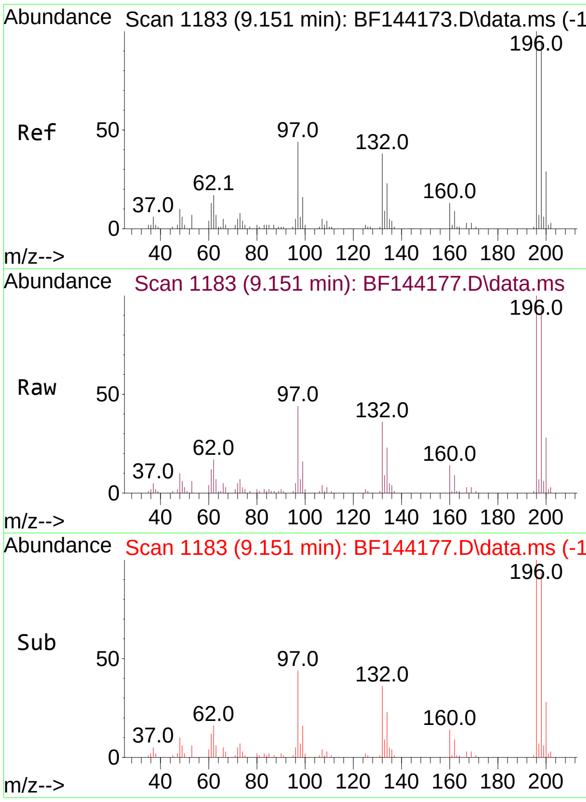
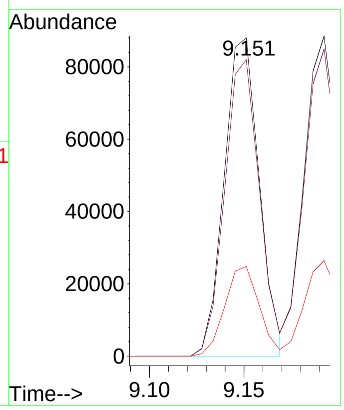


#43
2,4,6-Trichlorophenol
Concen: 35.357 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:196 Resp: 11341

Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.3	112.9
200	28.2	23.4	35.2



Instrument :
BNA_F
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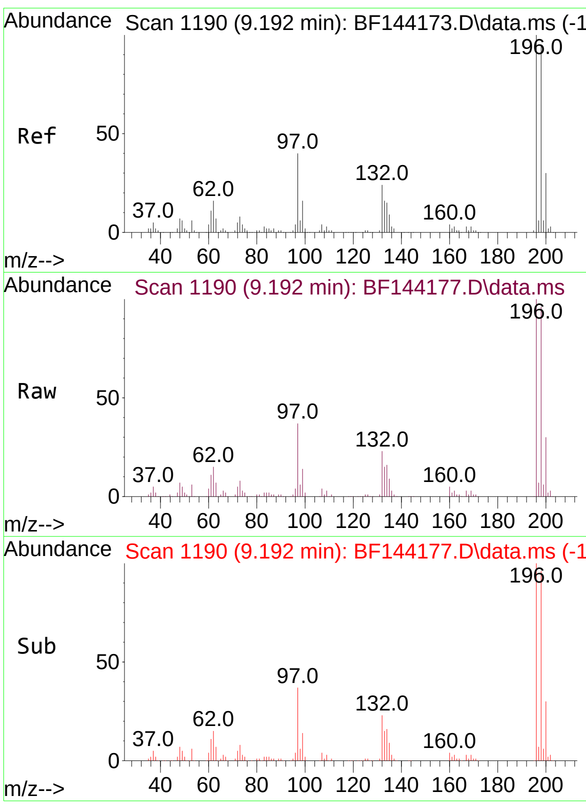
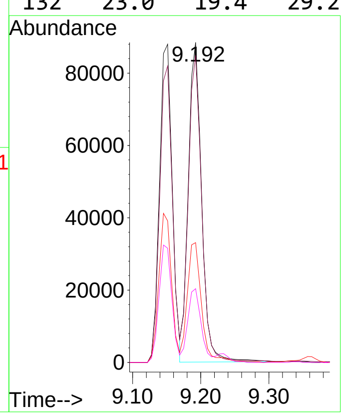


#44
2,4,5-Trichlorophenol
Concen: 35.179 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:196 Resp: 121621

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.1	114.1
97	37.4	31.9	47.9
132	23.0	19.4	29.2



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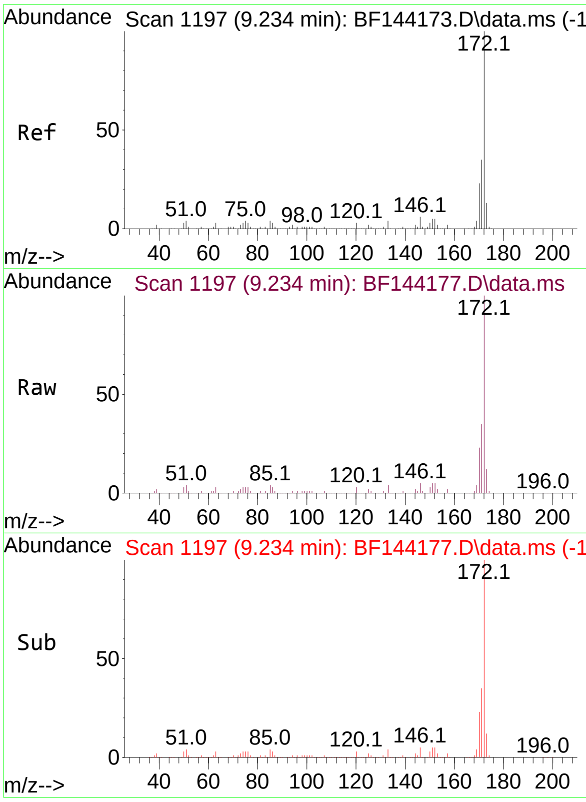
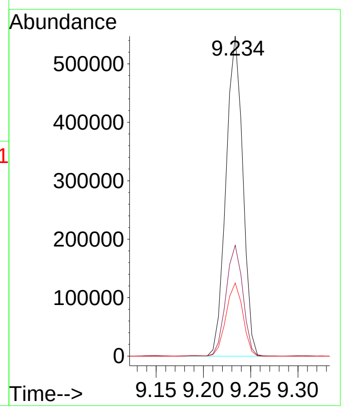
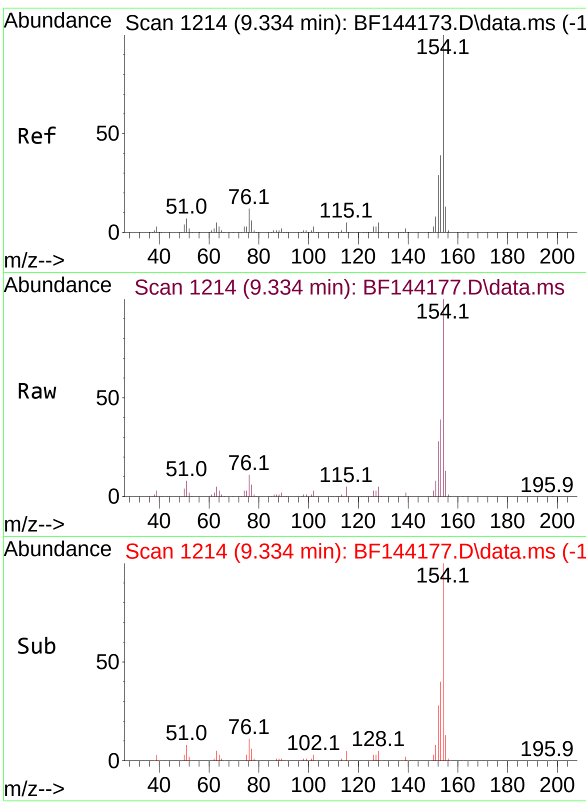


#45
2-Fluorobiphenyl
Concen: 69.741 ng
RT: 9.234 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:172 Resp: 67905

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	22.8	18.6	28.0

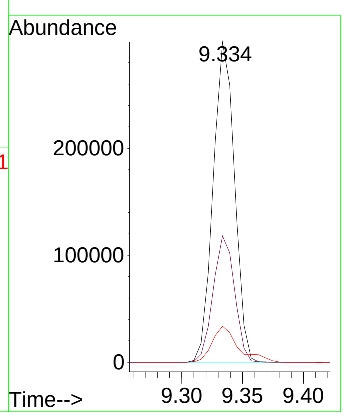




#46
1,1'-Biphenyl
Concen: 36.526 ng
RT: 9.334 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:154 Resp: 366655

Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.2	59.2
76	11.2	0.0	31.8



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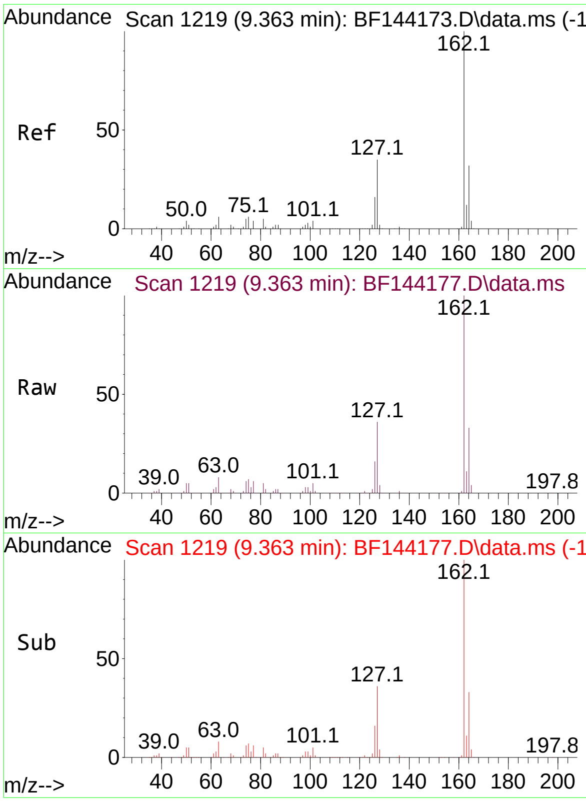
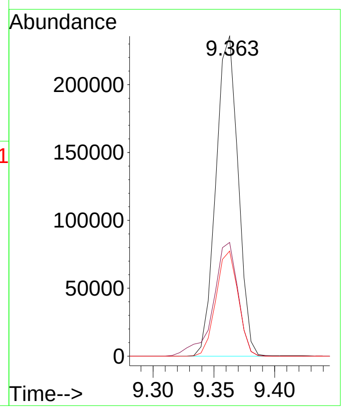
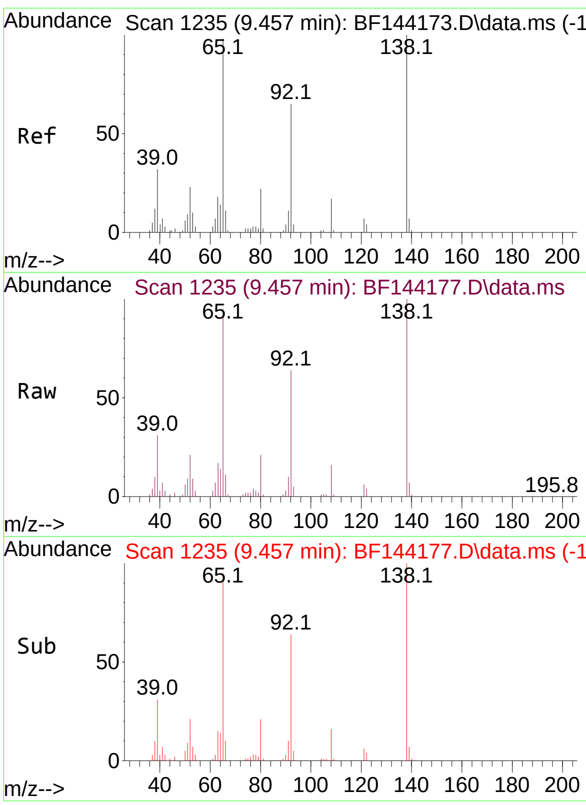


#47
2-Chloronaphthalene
Concen: 35.092 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:162 Resp: 30048

Ion	Ratio	Lower	Upper
162	100		
127	35.5	28.8	43.2
164	32.8	25.8	38.8

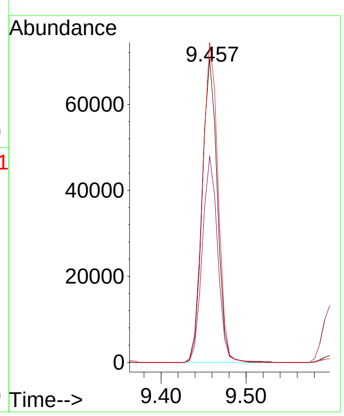




#48
2-Nitroaniline
Concen: 35.641 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 65 Resp: 88055

Ion	Ratio	Lower	Upper
65	100		
92	67.8	53.0	79.6
138	105.5	81.6	122.4



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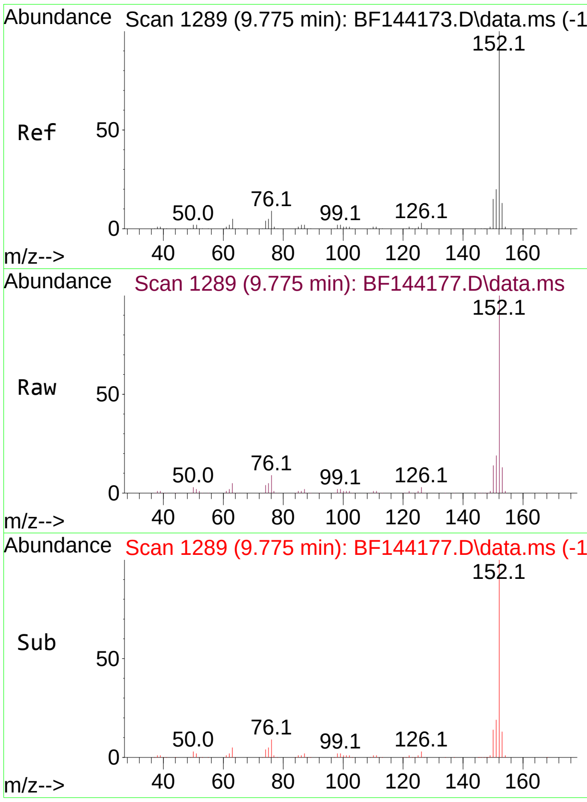
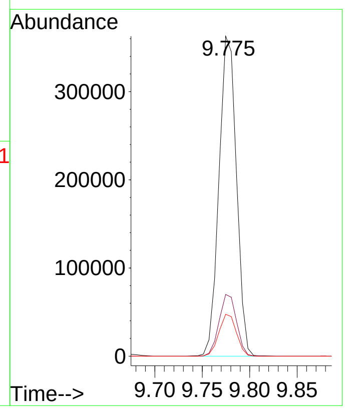
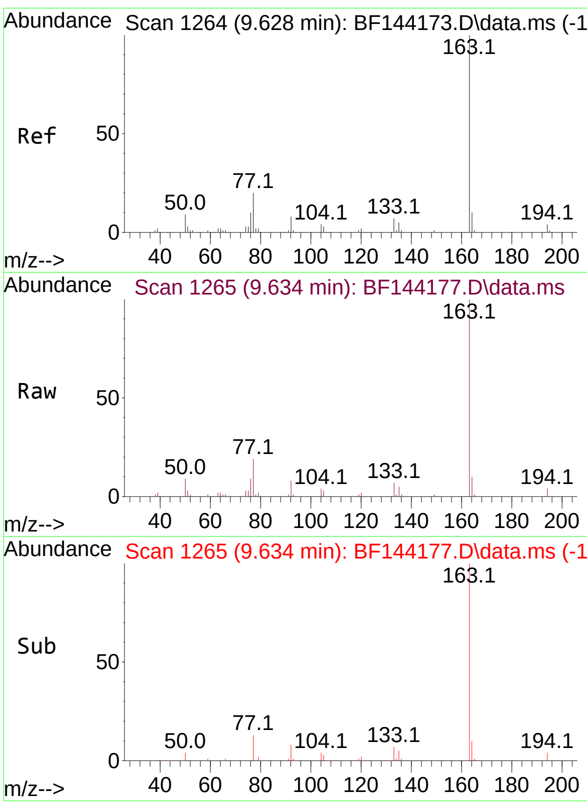


#49
Acenaphthylene
Concen: 39.818 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:152 Resp: 464616

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	13.1	10.5	15.7

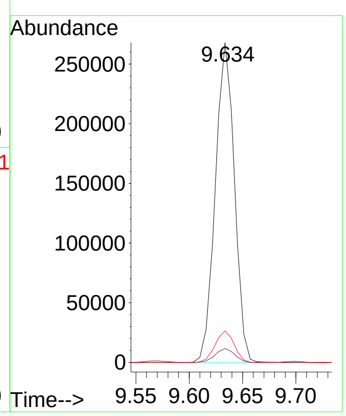




#50
Dimethylphthalate
Concen: 35.076 ng
RT: 9.634 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:163 Resp: 334163

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.8	8.1	12.1



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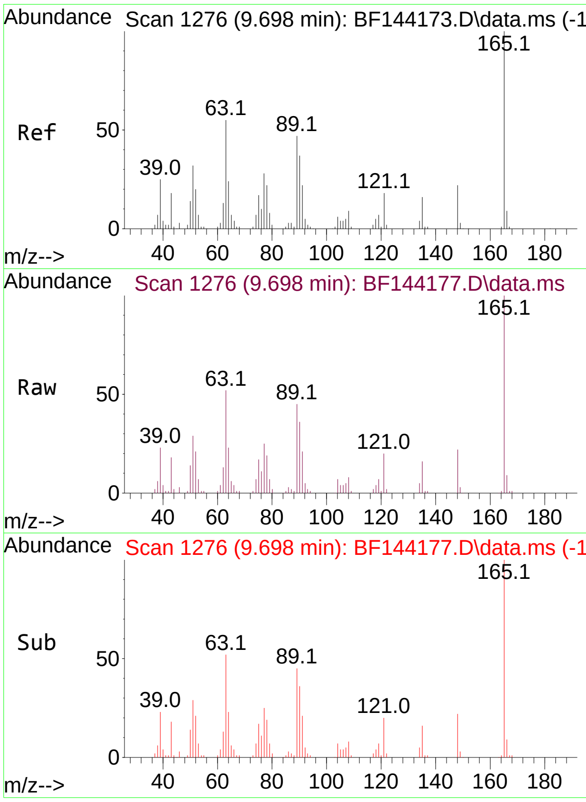
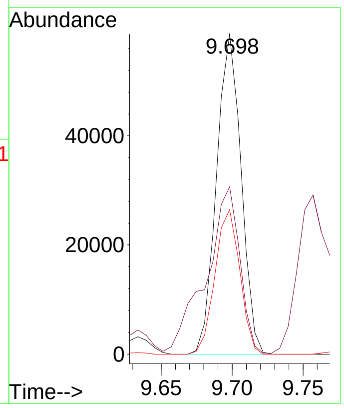
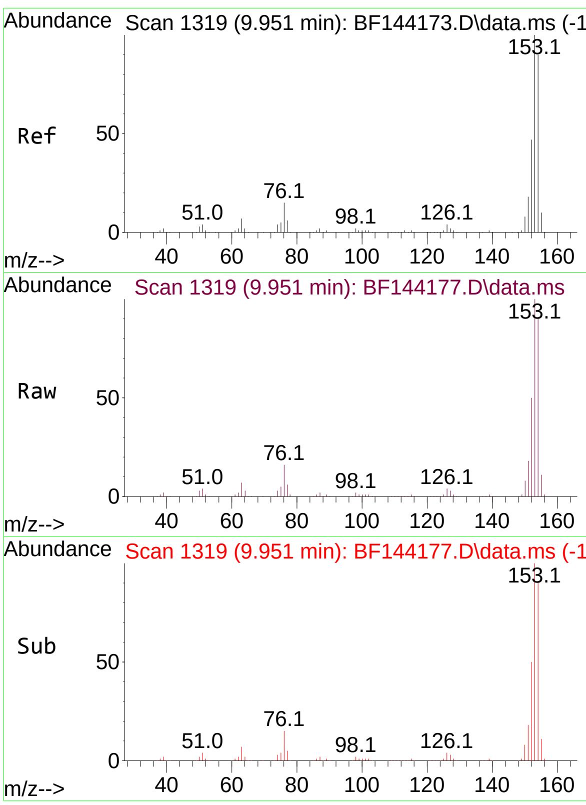


#51
2,6-Dinitrotoluene
Concen: 36.758 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:165 Resp: 7089

Ion	Ratio	Lower	Upper
165	100		
63	52.3	43.8	65.8
89	45.1	37.5	56.3

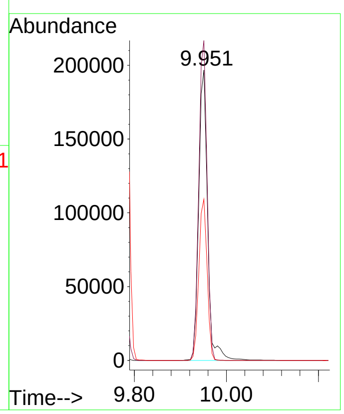




#52
Acenaphthene
Concen: 33.702 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:154 Resp: 262974

Ion	Ratio	Lower	Upper
154	100		
153	110.2	89.0	133.4
152	55.5	42.2	63.4



Instrument :
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ClientSampleId :
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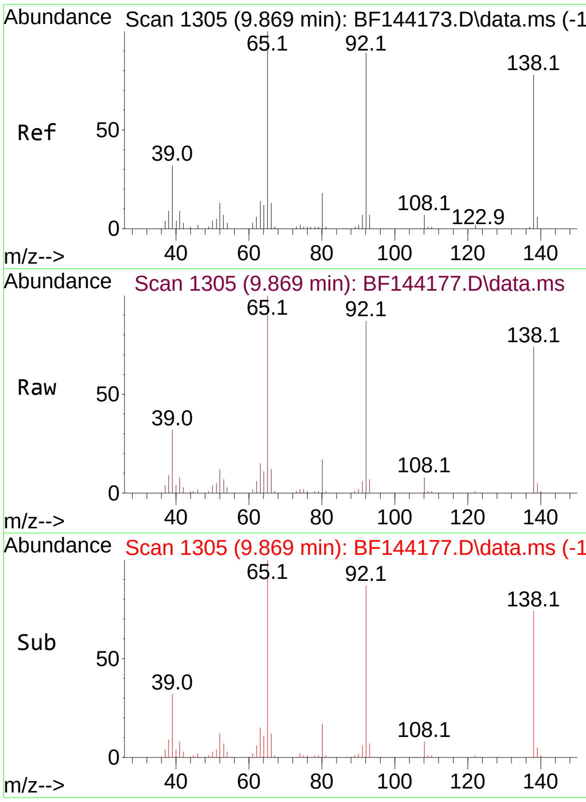
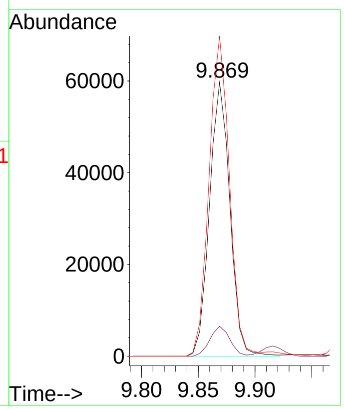
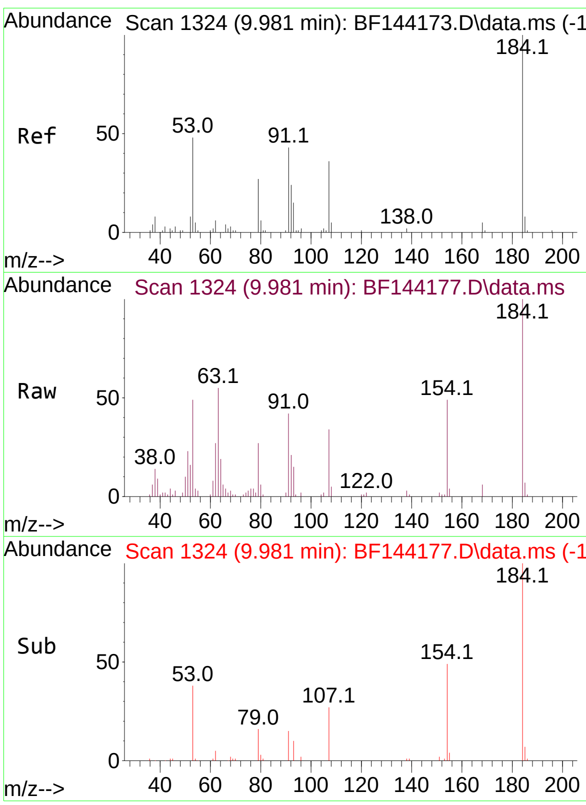


#53
3-Nitroaniline
Concen: 35.372 ng
RT: 9.869 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:138 Resp: 7457

Ion	Ratio	Lower	Upper
138	100		
108	10.9	7.5	11.3
92	116.8	91.8	137.6

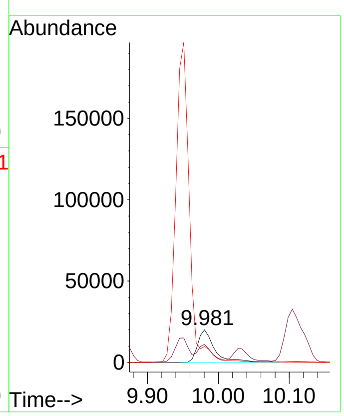




#54
2,4-Dinitrophenol
Concen: 28.732 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:184 Resp: 33460

Ion	Ratio	Lower	Upper
184	100		
63	55.3	44.0	66.0
154	48.9	42.4	63.6



Instrument :
BNA_F
ClientSampleId :
ICVBF110525

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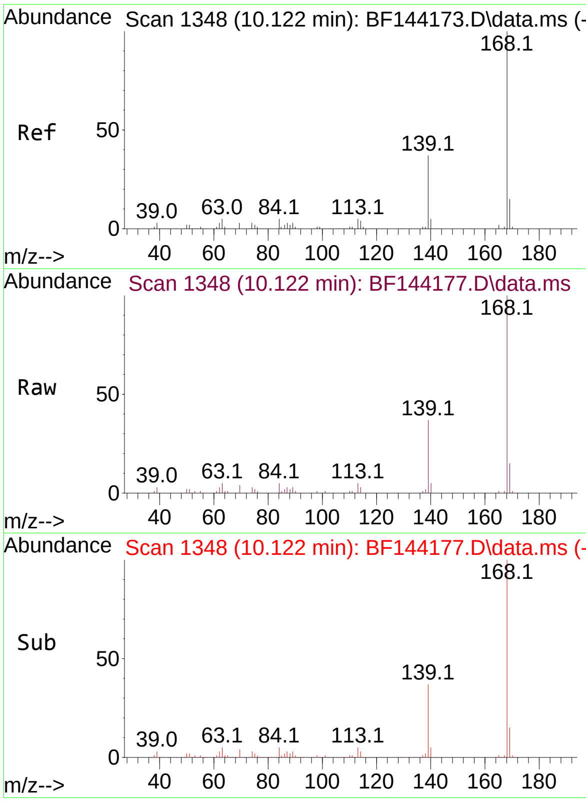
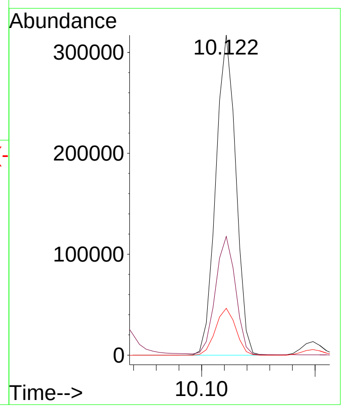
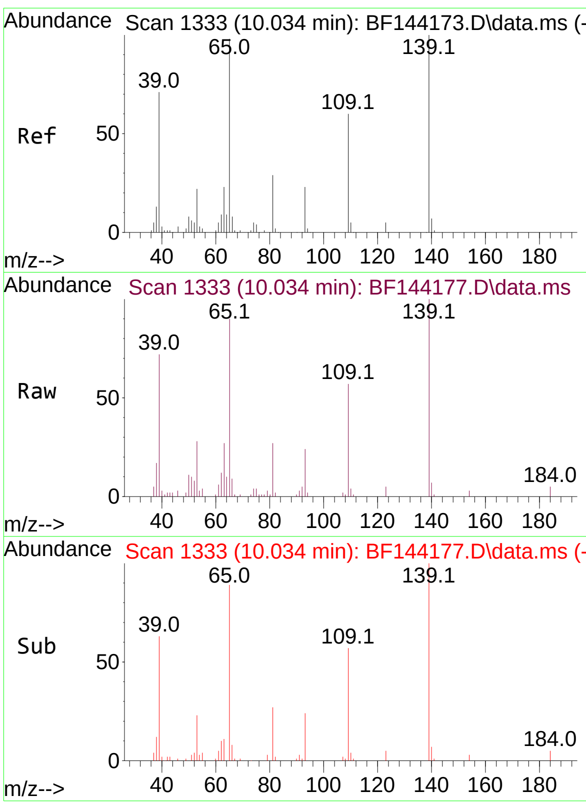


#55
Dibenzofuran
Concen: 35.602 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:168 Resp: 38907

Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.2	45.2
169	14.6	12.2	18.4

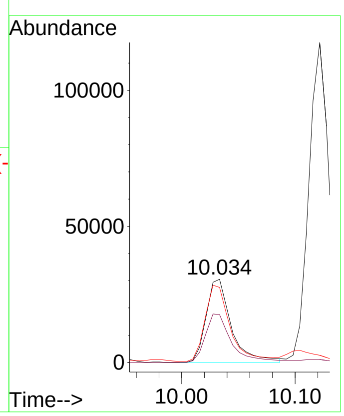




#56
4-Nitrophenol
Concen: 30.929 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:139 Resp: 47167

Ion	Ratio	Lower	Upper
139	100		
109	57.5	39.9	79.9
65	90.2	79.5	119.5



Instrument :
BNA_F
ClientSampleId :
ICVBF110525

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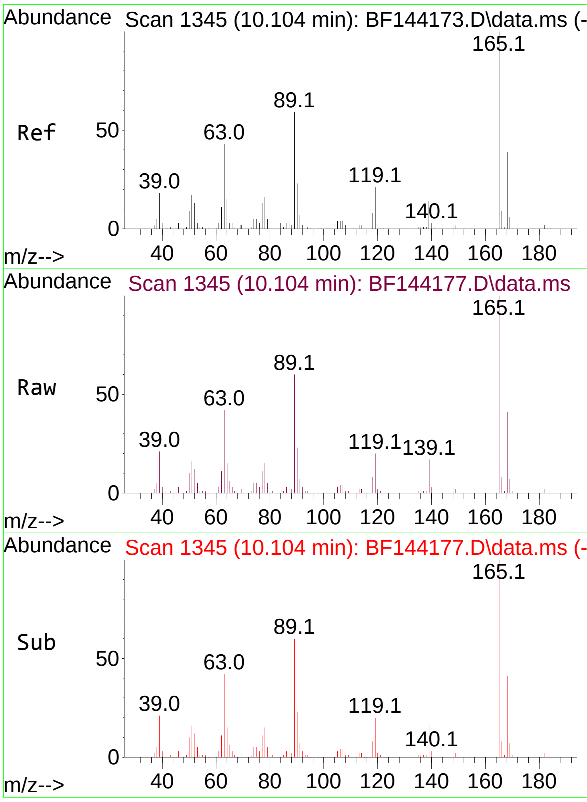
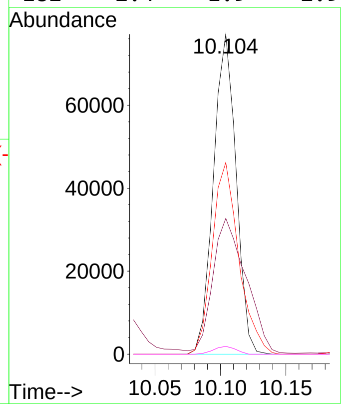
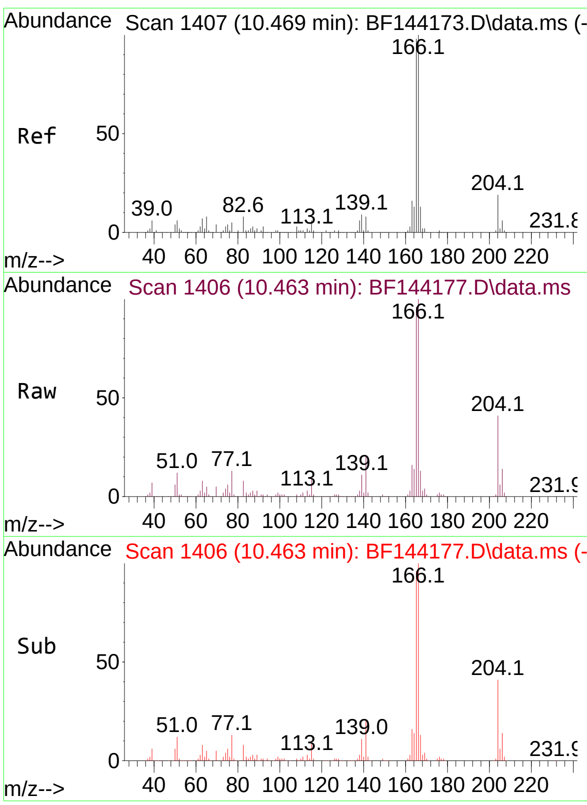


#57
2,4-Dinitrotoluene
Concen: 35.994 ng
RT: 10.104 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:165 Resp: 9292

Ion	Ratio	Lower	Upper
165	100		
63	42.4	35.5	53.3
89	59.9	47.4	71.2
182	2.4	1.9	2.9

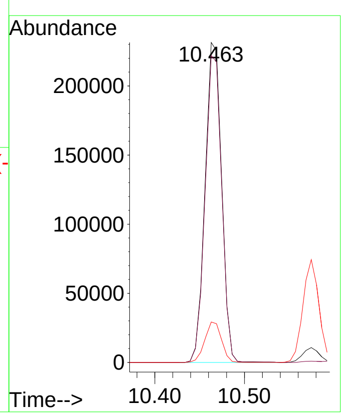




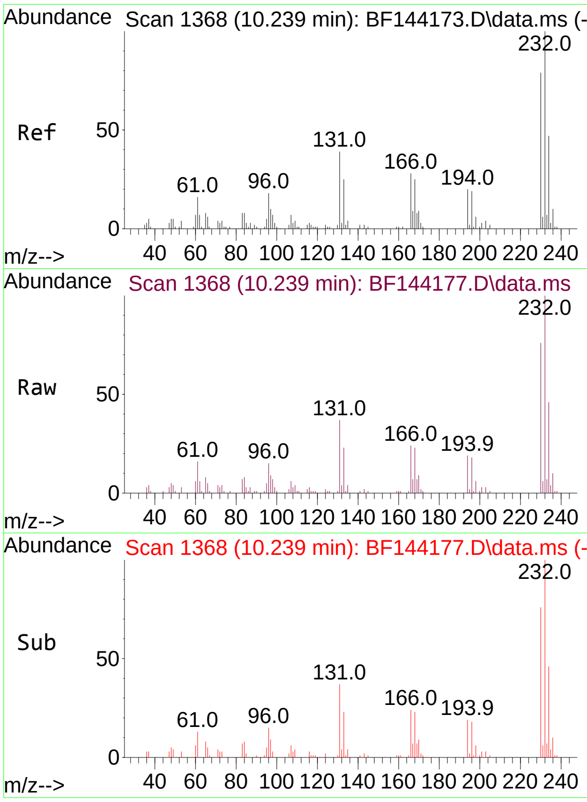
#58
Fluorene
Concen: 35.903 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:166 Resp: 298316

Ion	Ratio	Lower	Upper
166	100		
165	95.9	78.6	118.0
167	12.6	10.4	15.6



ICAL Form



#59
2,3,4,6-Tetrachlorophenol
Concen: 37.425 ng
RT: 10.239 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion:232 Resp: 91542

Ion	Ratio	Lower	Upper
232	100		
131	37.7	30.3	45.5
130	1.4	1.2	1.8
166	24.6	21.5	32.3

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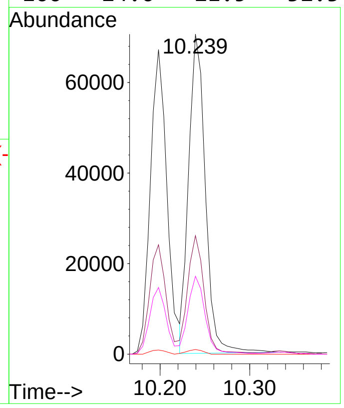
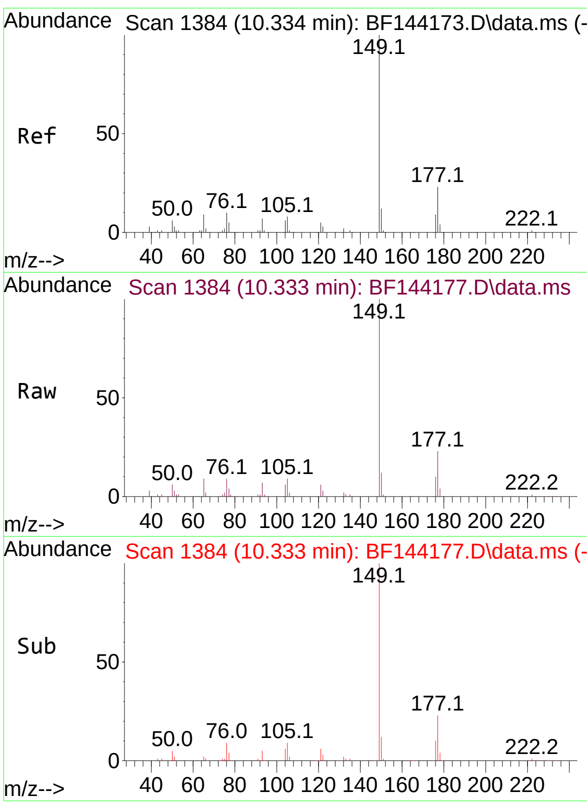
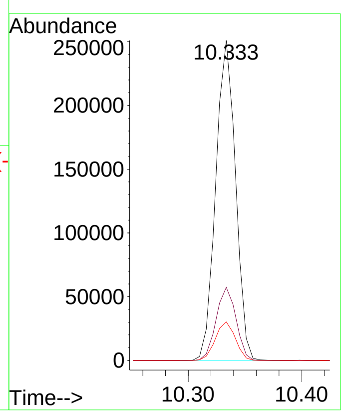




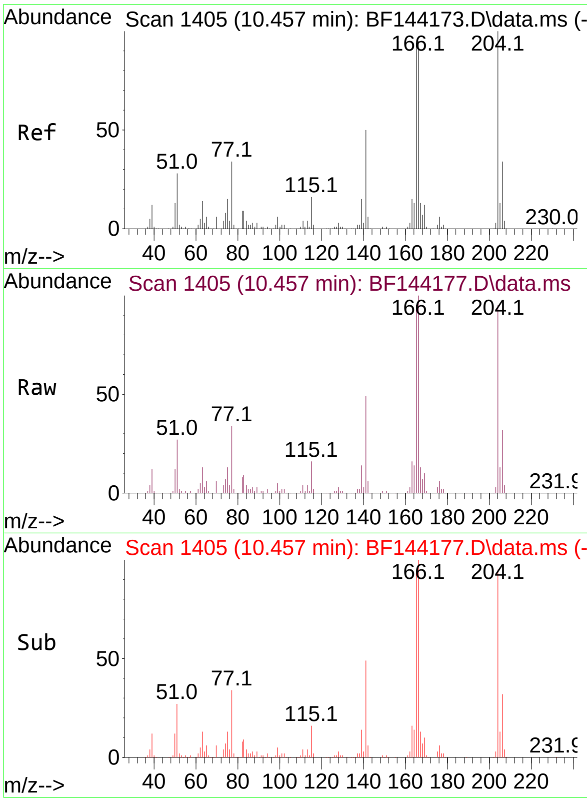
#60
Diethylphthalate
Concen: 34.646 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:149 Resp: 304274

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.3	27.5
150	12.0	9.8	14.6



ICAL Form



#61
4-Chlorophenyl-phenylether
Concen: 35.002 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion:204 Resp: 16566

Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.4	41.2
141	51.8	40.0	60.0

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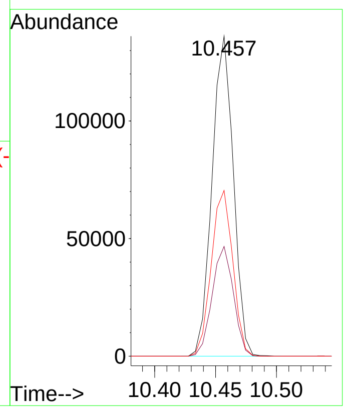
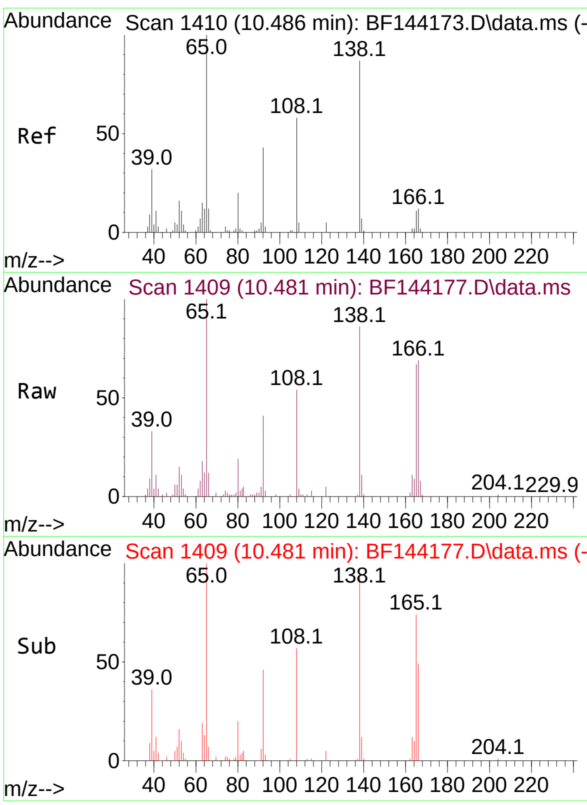
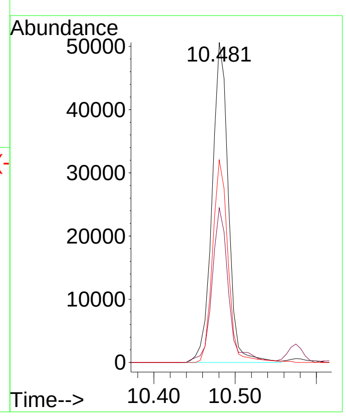


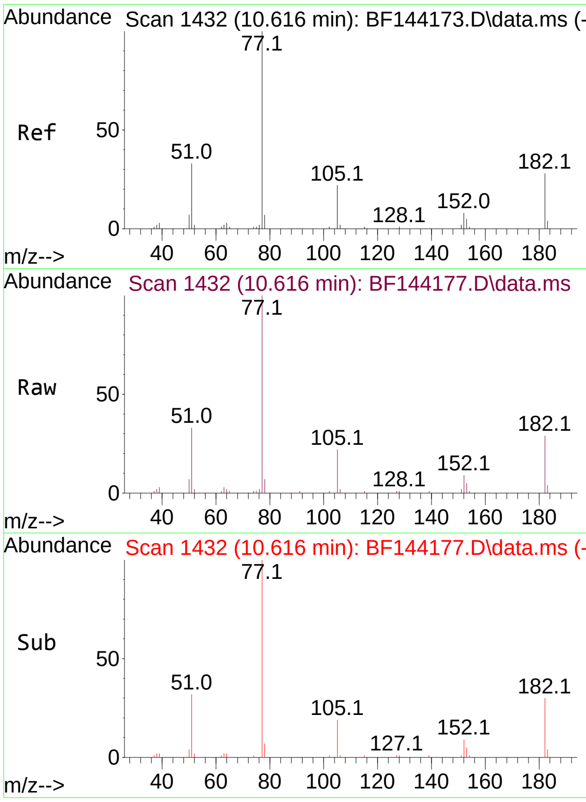


#62
4-Nitroaniline
Concen: 35.278 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:138 Resp: 70828

Ion	Ratio	Lower	Upper
138	100		
92	48.3	29.4	69.4
108	63.2	46.4	86.4

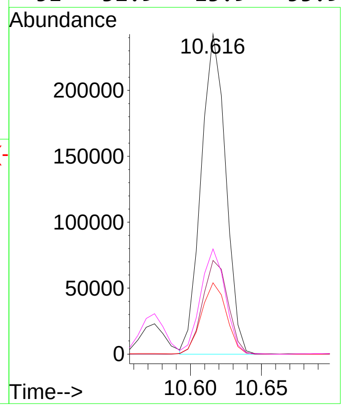




#63
Azobenzene
Concen: 35.958 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 77 Resp: 29390

Ion	Ratio	Lower	Upper
77	100		
182	29.3	8.1	48.1
105	22.3	2.0	42.0
51	32.9	13.9	53.9



Instrument :
BNA_F
ClientSampleId :
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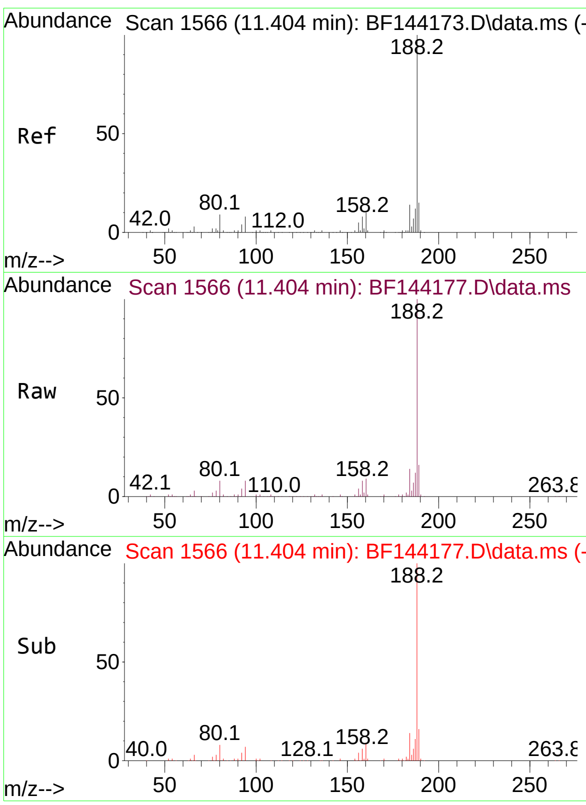
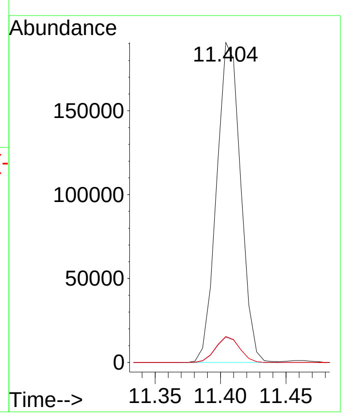
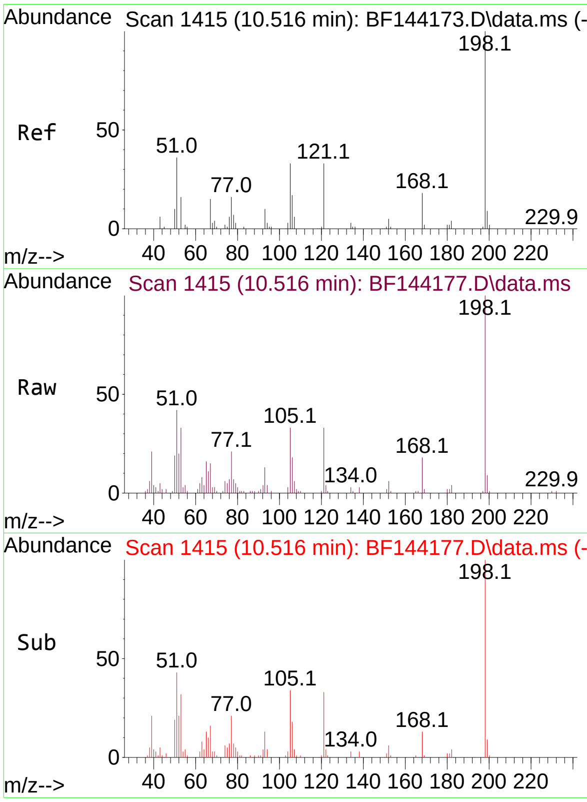


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:188 Resp: 244964

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.2	9.2
80	8.1	6.9	10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 31.346 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion:198 Resp: 52164

Ion	Ratio	Lower	Upper
198	100		
51	42.3	25.6	65.6
105	33.1	14.6	54.6

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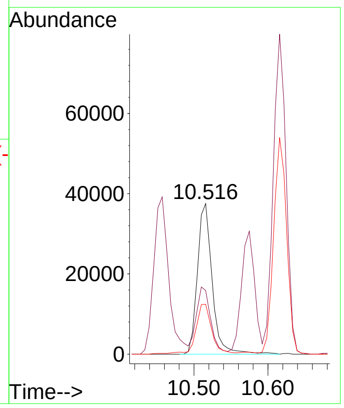
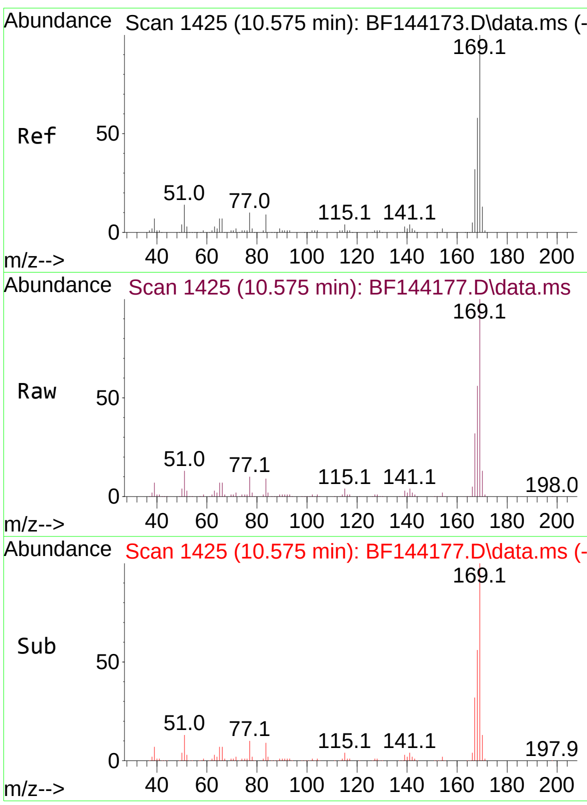
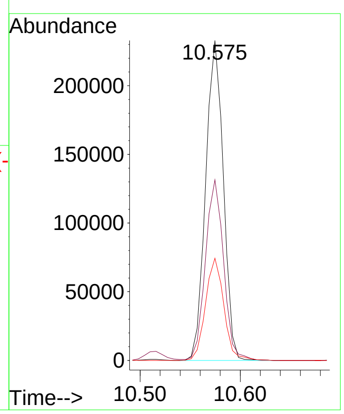




#66
n-Nitrosodiphenylamine
Concen: 36.292 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:169 Resp: 285930

Ion	Ratio	Lower	Upper
169	100		
168	56.4	46.2	69.2
167	31.9	25.7	38.5



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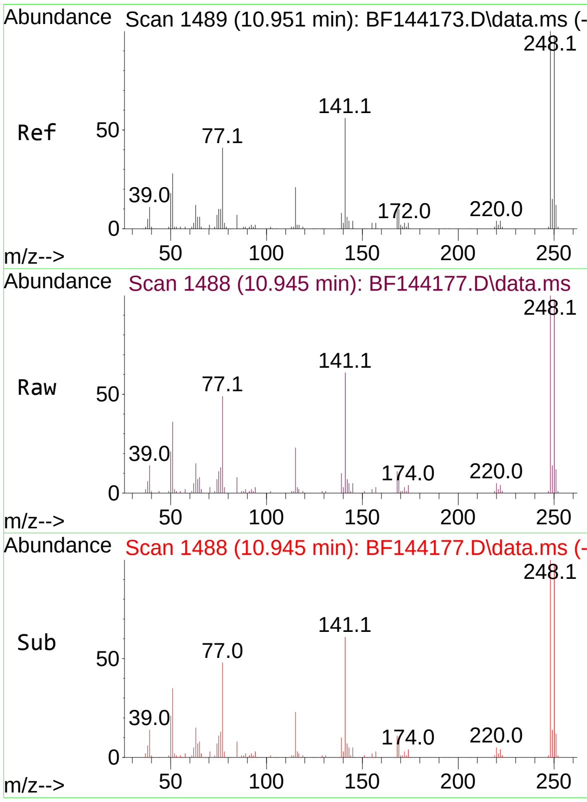

#67
4-Bromophenyl-phenylether
Concen: 34.135 ng
RT: 10.945 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:248 Resp: 10673

Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.4	117.6
141	61.1	45.1	67.7

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

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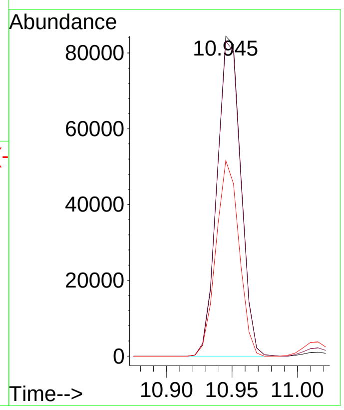
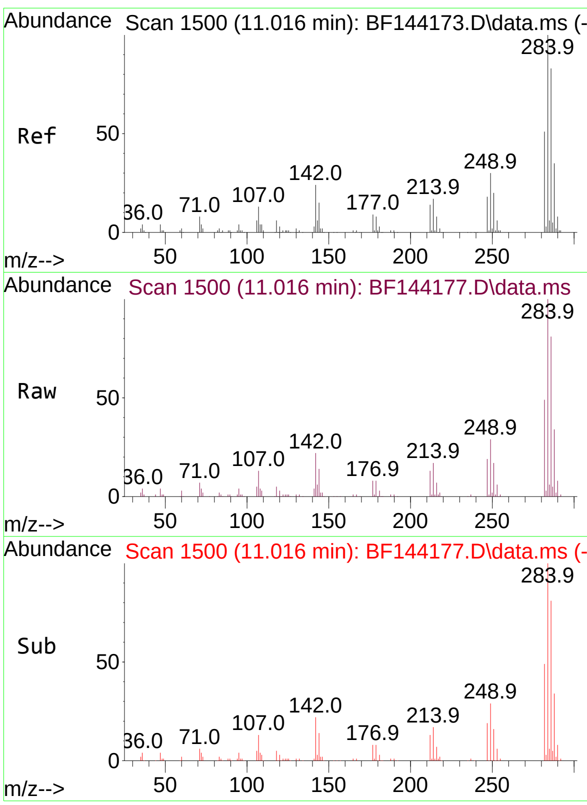
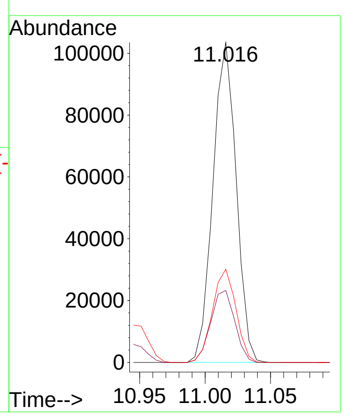


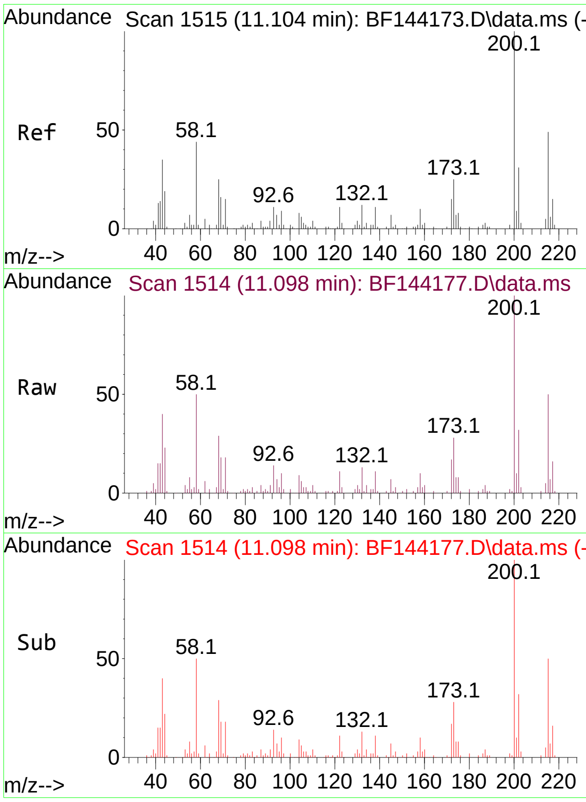


#68
Hexachlorobenzene
Concen: 34.810 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:284 Resp: 128202

Ion	Ratio	Lower	Upper
284	100		
142	22.5	19.2	28.8
249	29.1	23.8	35.8





#69
Atrazine
Concen: 36.790 ng
RT: 11.098 min Scan# 1!
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion:200 Resp: 9218

Ion	Ratio	Lower	Upper
200	100		
173	27.7	5.0	45.0
215	50.2	28.7	68.7

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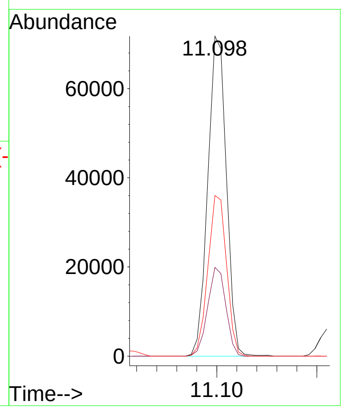
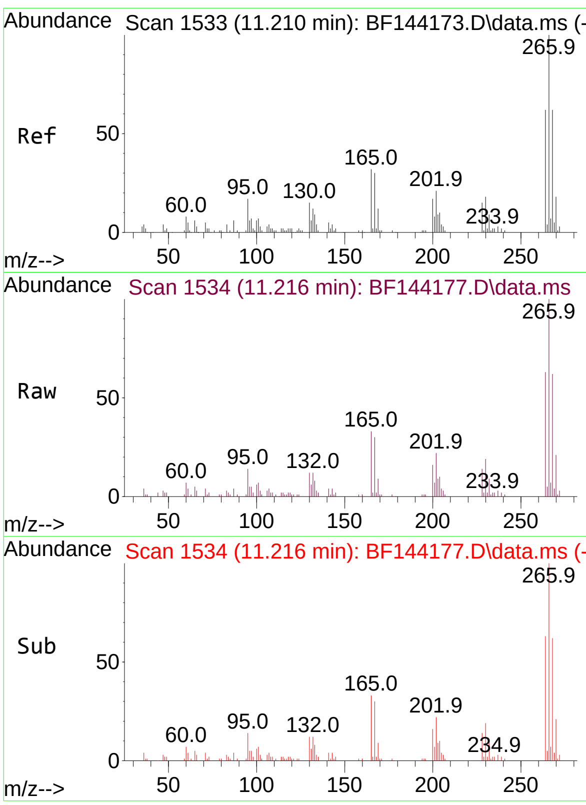
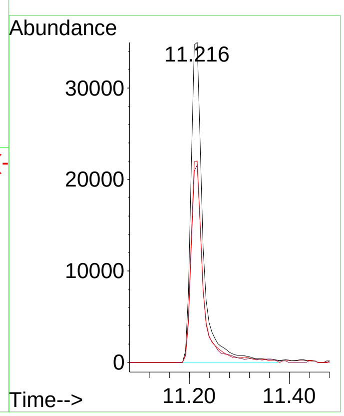


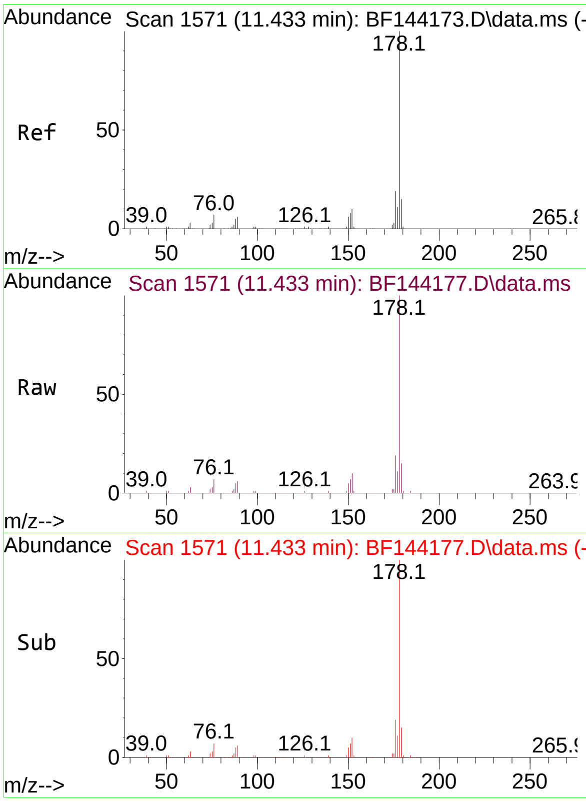


#70
Pentachlorophenol
Concen: 32.706 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:266 Resp: 59981

Ion	Ratio	Lower	Upper
266	100		
268	61.7	49.5	74.3
264	62.9	49.4	74.2





#71
Phenanthrene
Concen: 35.049 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

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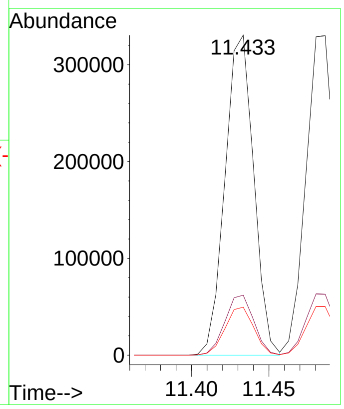
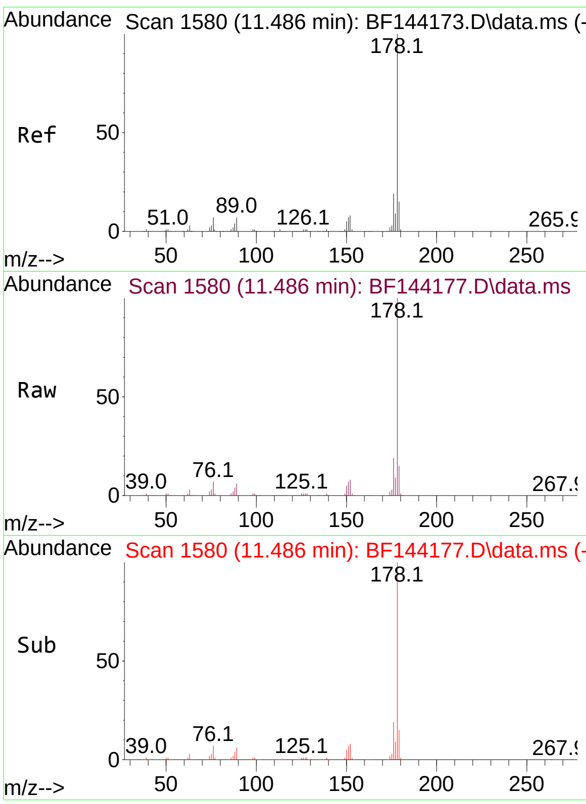
Tgt Ion:178 Resp: 42746

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.0	12.2	18.4

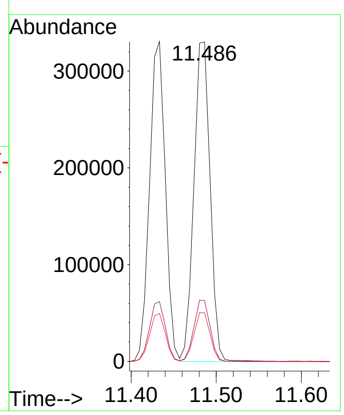




#72
Anthracene
Concen: 35.286 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:178 Resp: 437609

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.0	18.0



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Instrument :
BNA_F
ClientSampleId :
ICVBF110525

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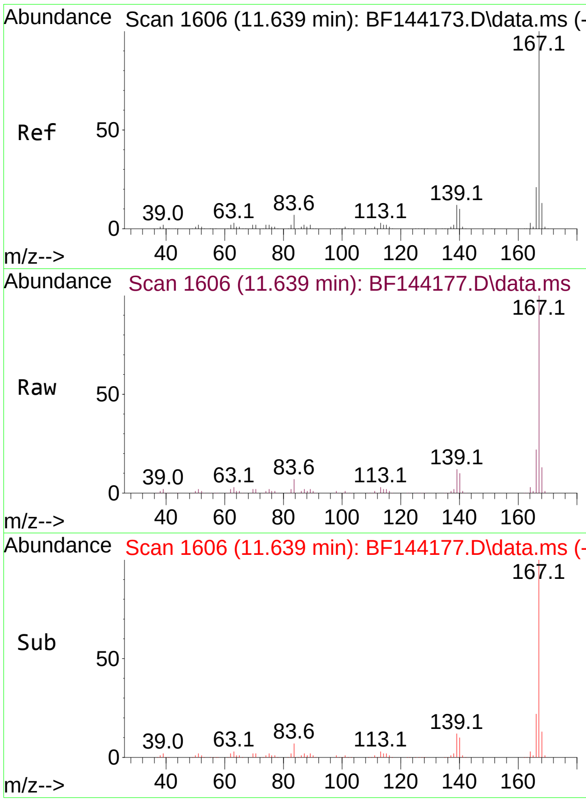
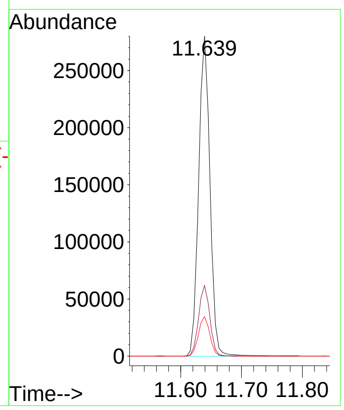
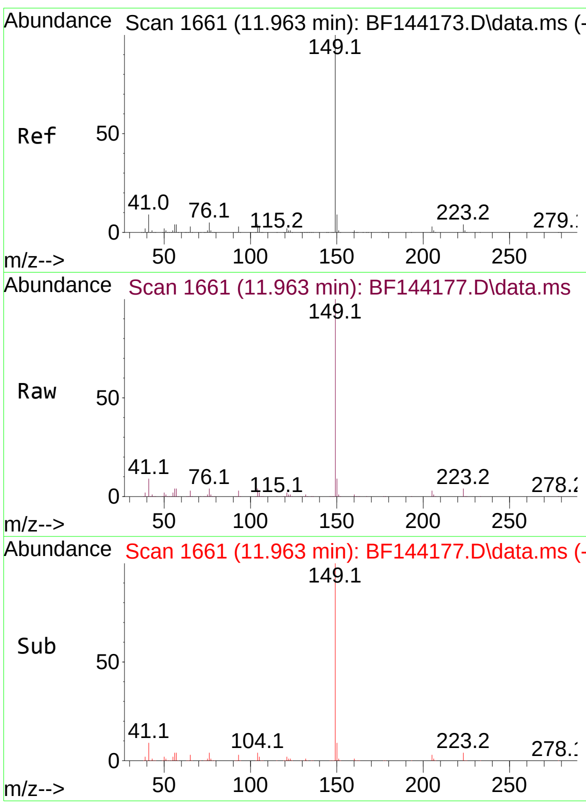


#73
Carbazole
Concen: 34.224 ng
RT: 11.639 min Scan# 16
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:167 Resp: 36090

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	12.4	9.9	14.9

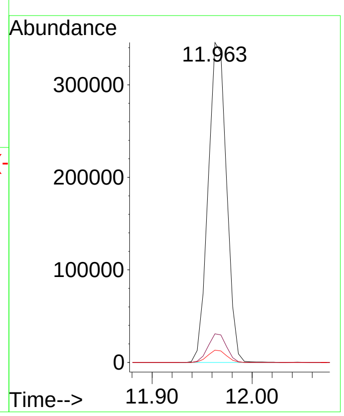




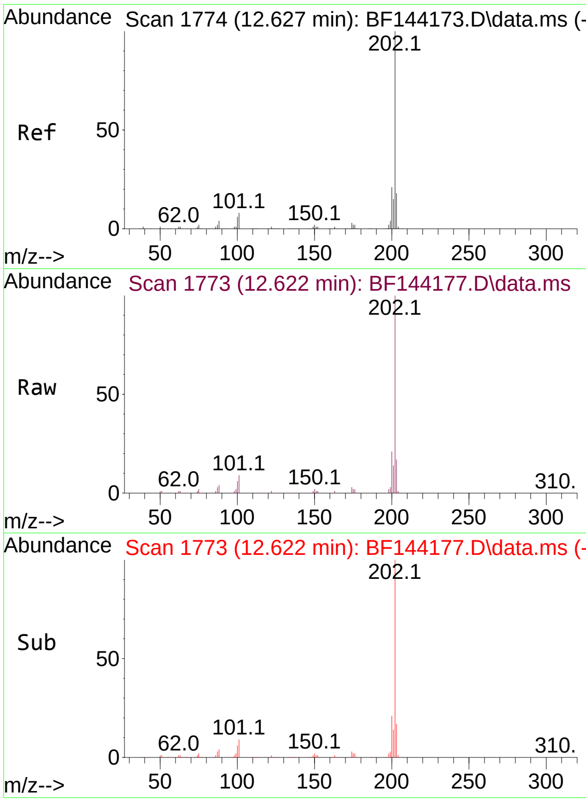
#74
Di-n-butylphthalate
Concen: 34.535 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:149 Resp: 440261

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	3.8	3.4	5.2



ICAL Form



#75
Fluoranthene
Concen: 34.338 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

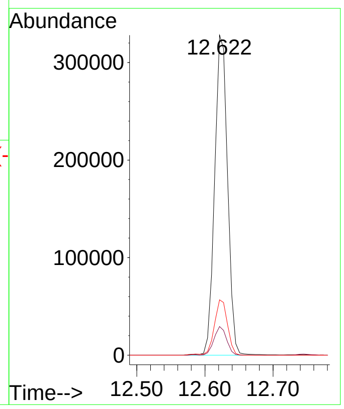
Tgt Ion:202 Resp: 43262

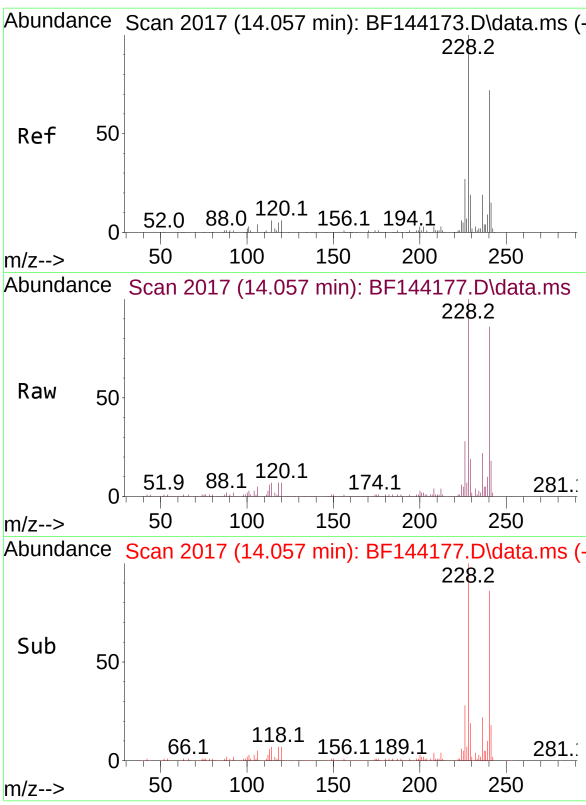
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	27.9
203	17.3	0.0	37.5

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

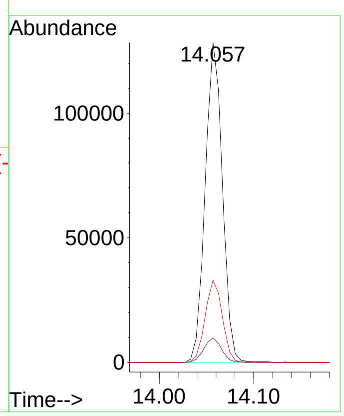




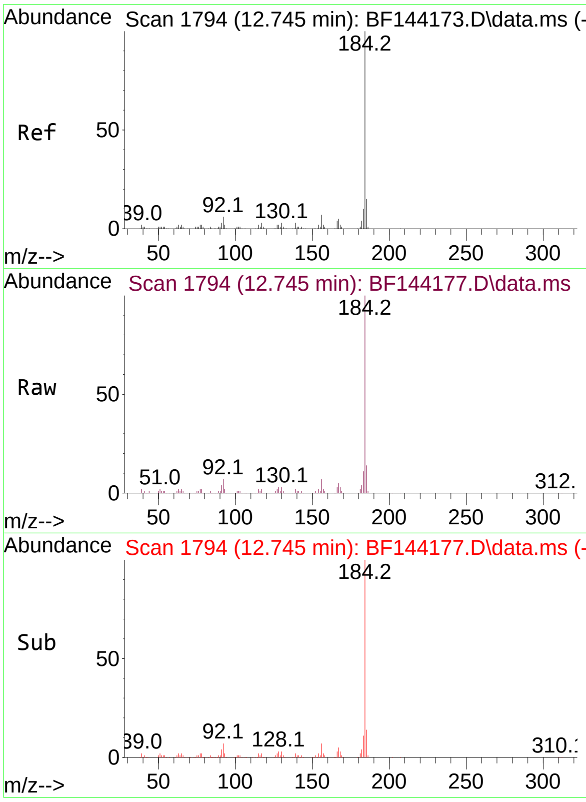
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:240 Resp: 162721

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.6	10.0
236	25.7	21.4	32.2



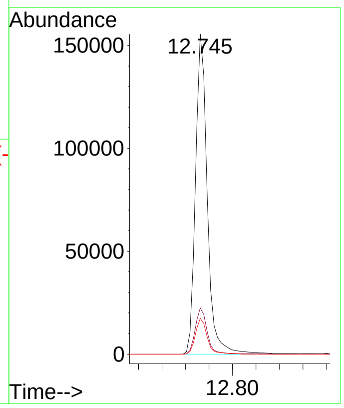
ICAL Form



#77
Benzidine
Concen: 45.165 ng
RT: 12.745 min   Scan# 1
Delta R.T.   -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025   17:21

Tgt Ion:184 Resp: 21738

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.7	17.5
183	11.2	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations APPROVED

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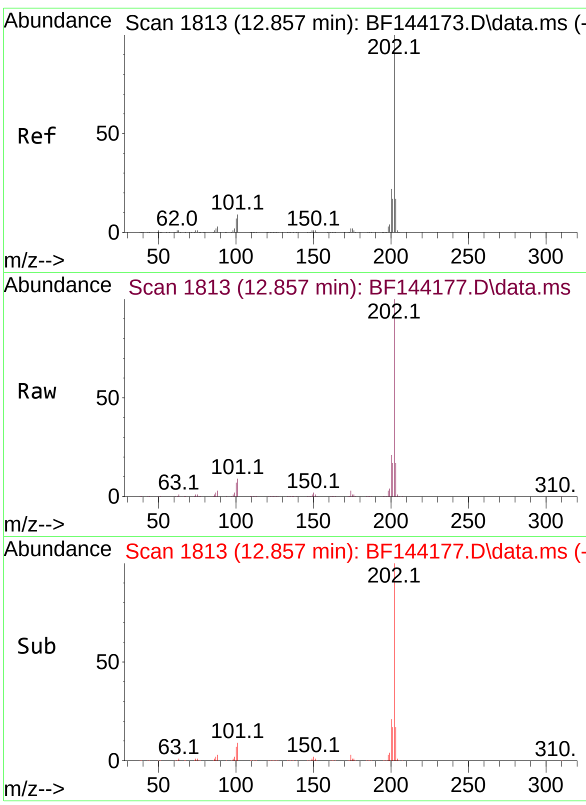
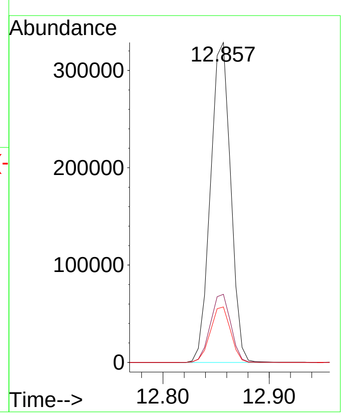
Supervised By :Jagrut Upadhyay   11/06/2025



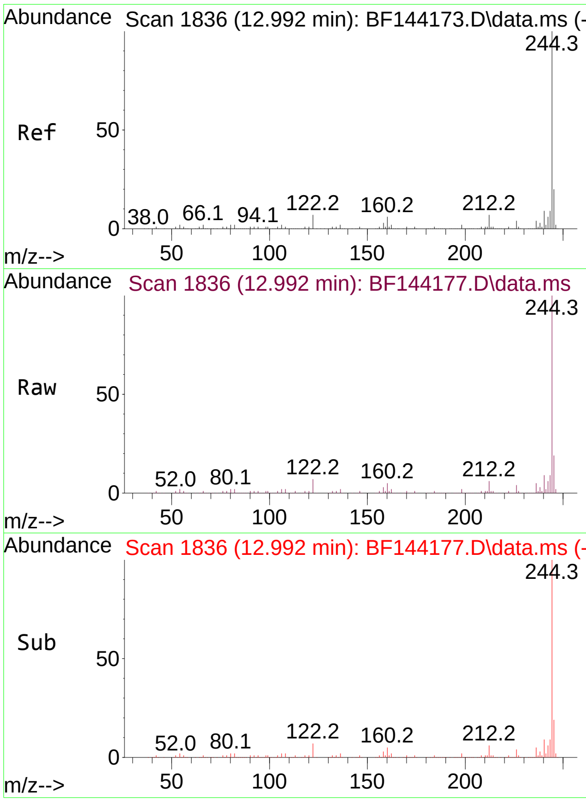
#78
Pyrene
Concen: 33.011 ng
RT: 12.857 min   Scan# 1813
Delta R.T.   0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025   17:21

Tgt Ion:202 Resp: 433110

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.3	13.7	20.5



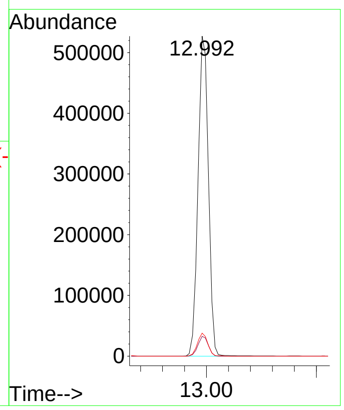
ICAL Form



#79
Terphenyl-d14
Concen: 67.318 ng
RT: 12.992 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:244 Resp: 689624

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.3	7.9
122	7.2	5.6	8.4



Instrument :
BNA_F
ClientSampleId :
ICVBF110525

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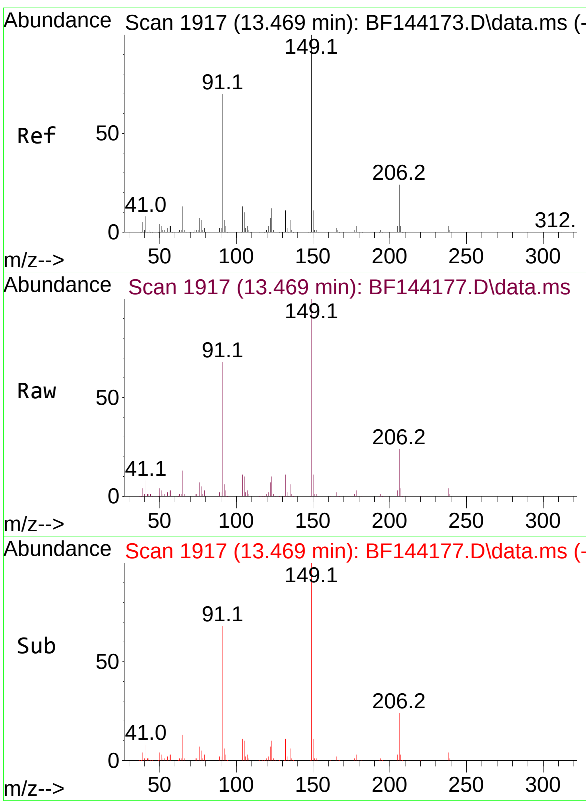
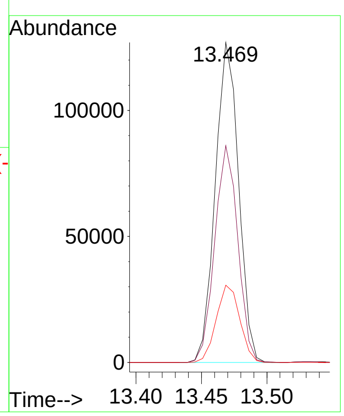
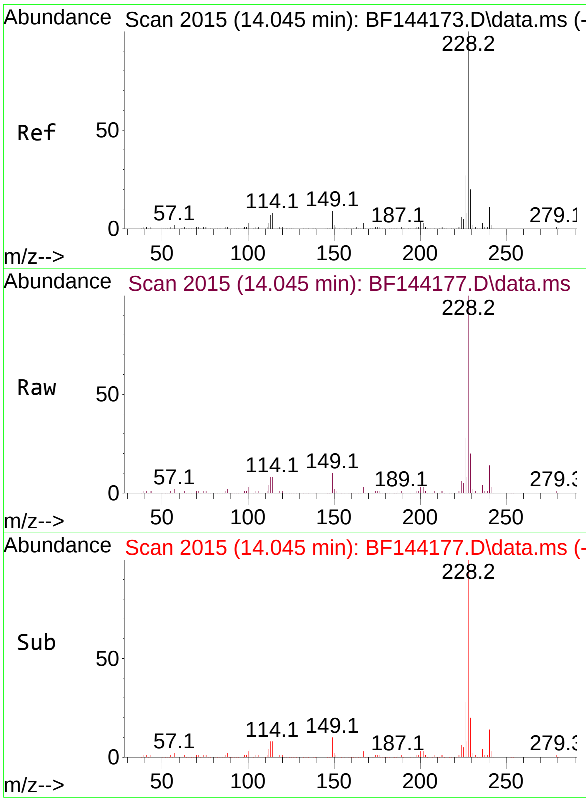


#80
Butylbenzylphthalate
Concen: 34.633 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:149 Resp: 157485

Ion	Ratio	Lower	Upper
149	100		
91	67.7	56.1	84.1
206	24.1	18.8	28.2





#81
Benzo(a)anthracene
Concen: 33.489 ng
RT: 14.045 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

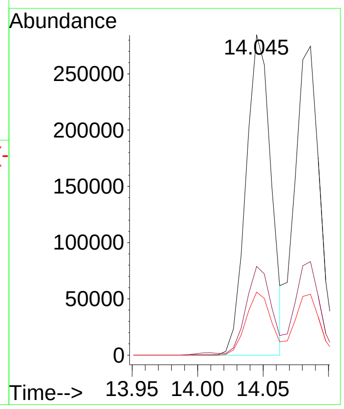
Instrument :
BNA_F
ClientSampleId :
ICVBF110525

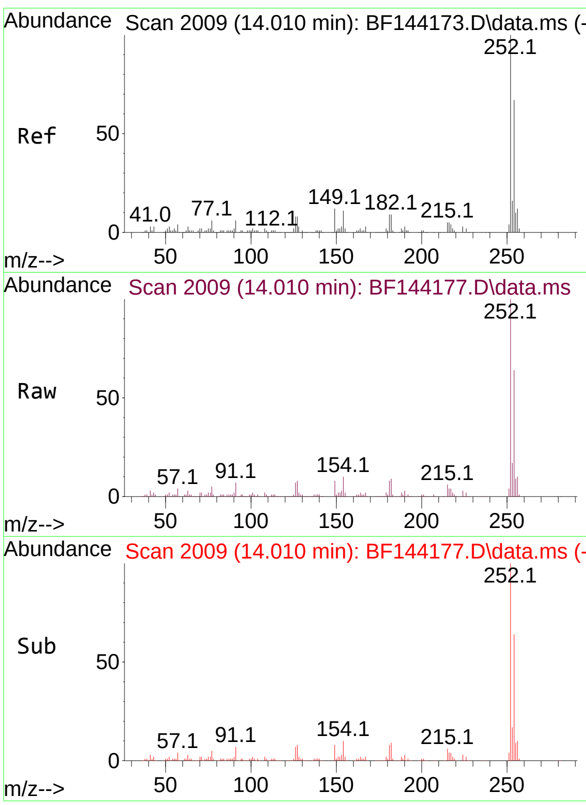
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

Tgt Ion:228 Resp: 37768

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	19.7	15.8	23.6

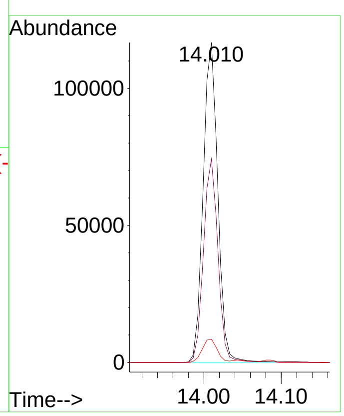




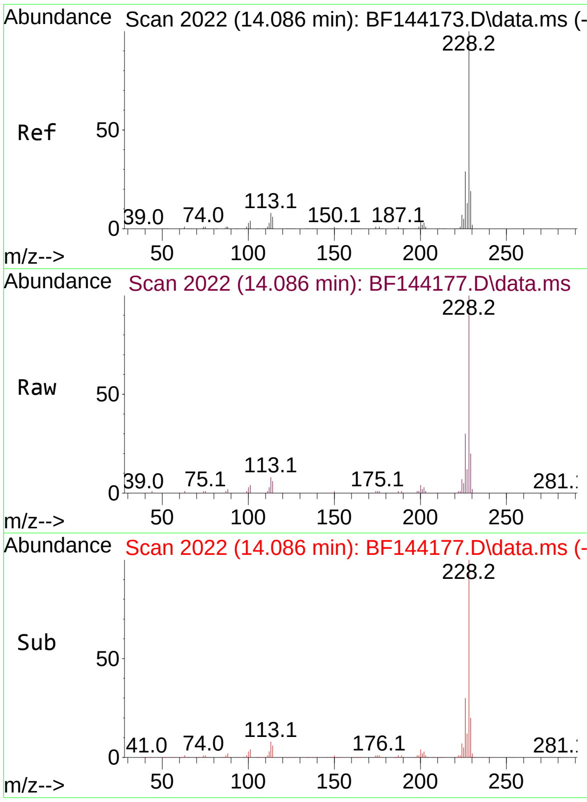
#82
3,3'-Dichlorobenzidine
Concen: 39.612 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:252 Resp: 153129

Ion	Ratio	Lower	Upper
252	100		
254	63.6	53.5	80.3
126	7.3	6.4	9.6



ICAL Form



#83
Chrysene
Concen: 34.559 ng
RT: 14.086 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:228 Resp: 35978

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.9	34.3
229	19.7	15.0	22.6

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations
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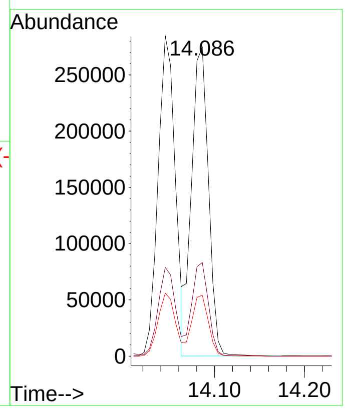
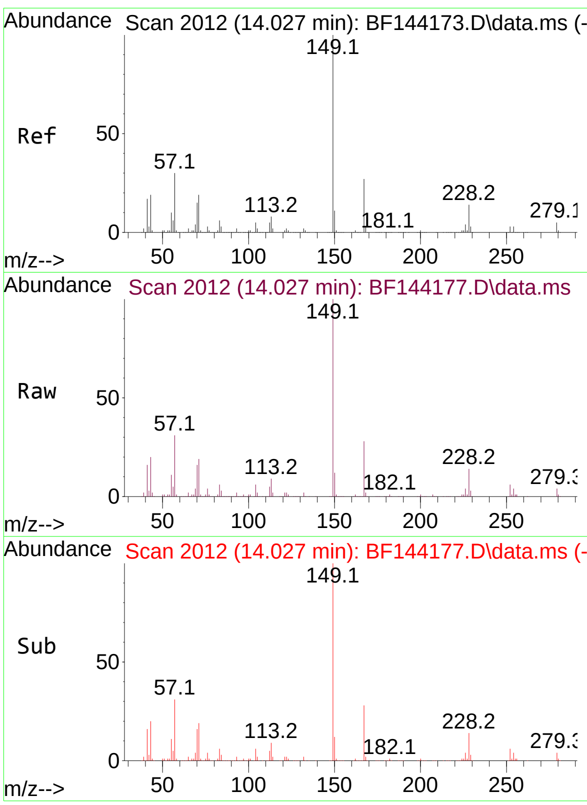
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

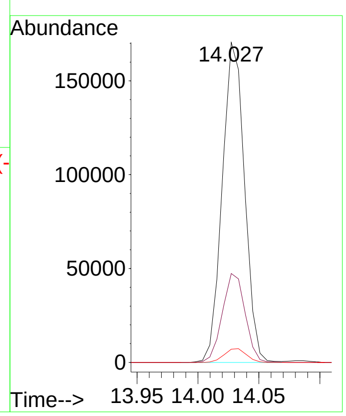


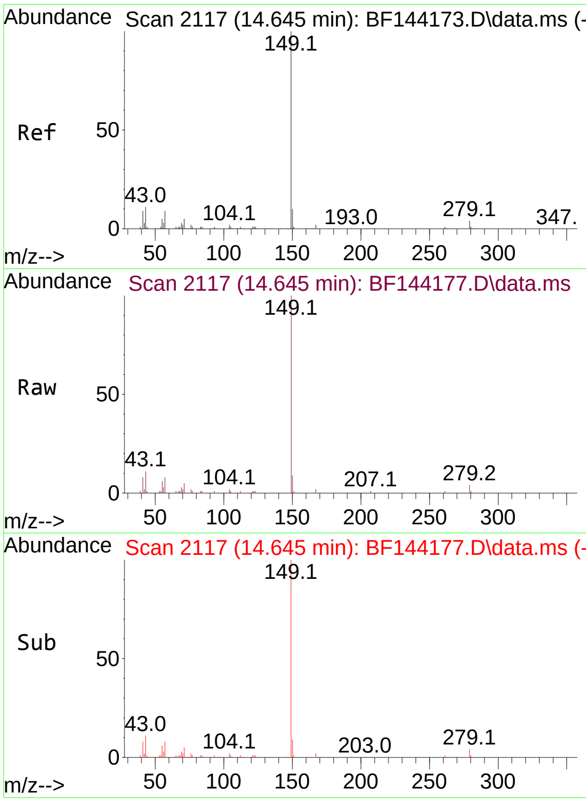


#84
Bis(2-ethylhexyl)phthalate
Concen: 34.880 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:149 Resp: 217122

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.8	32.8
279	4.1	3.7	5.5





#85
Di-n-octyl phthalate
Concen: 35.142 ng
RT: 14.645 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion:149 Resp: 37742

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.8	9.0	13.4

Manual Integrations
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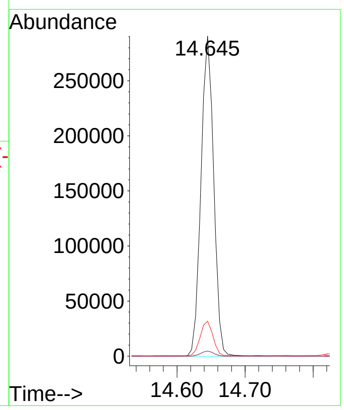
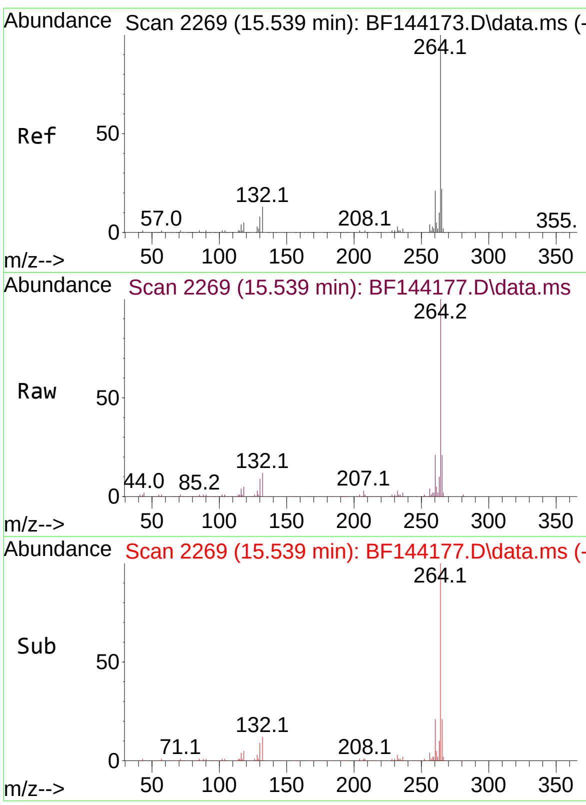
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

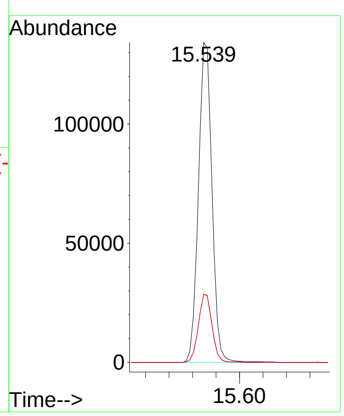




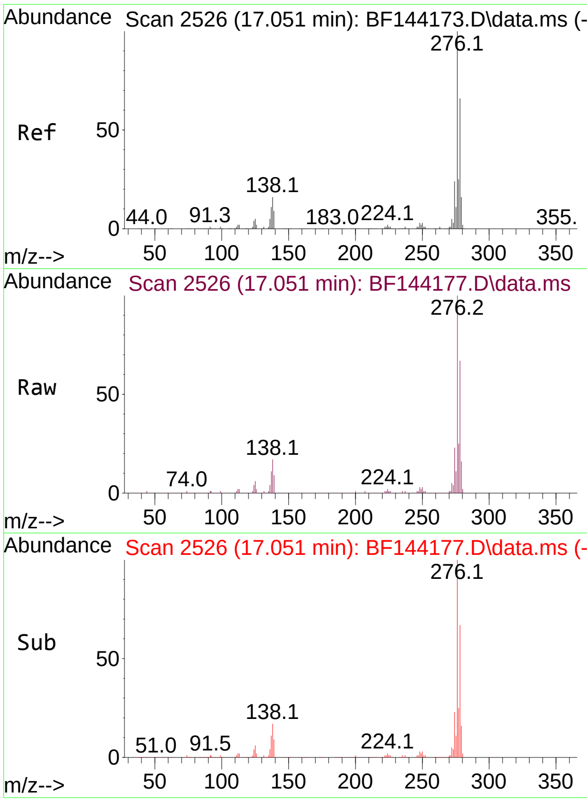
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:264 Resp: 215110

Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.1	25.7
265	21.4	17.4	26.0



ICAL Form



#87
Indeno(1,2,3-cd)pyrene
Concen: 34.019 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:276 Resp: 52529

Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.9	20.9
277	24.6	19.8	29.6

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations
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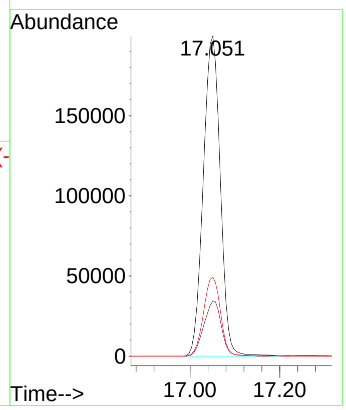
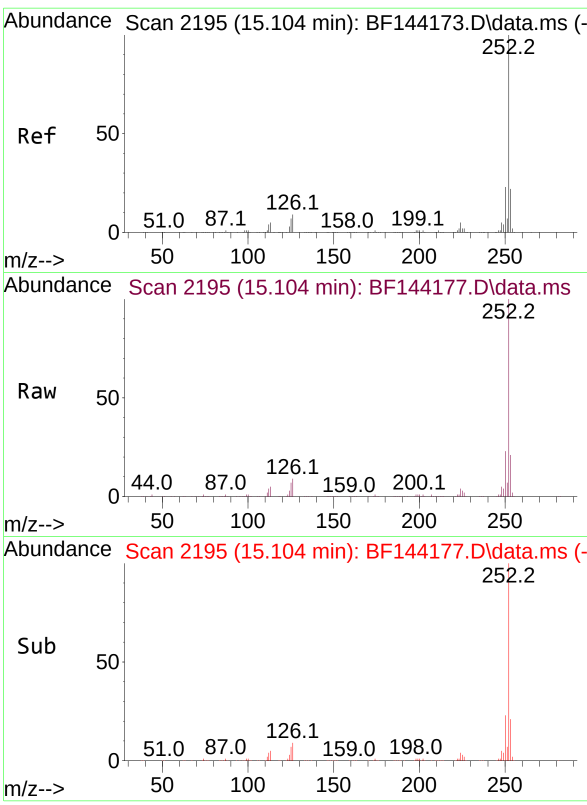
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

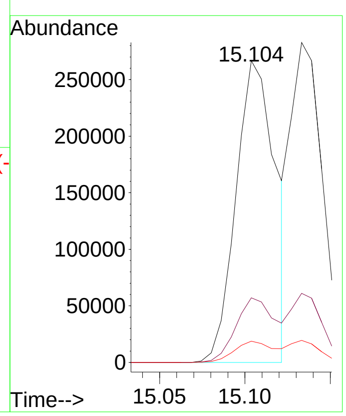


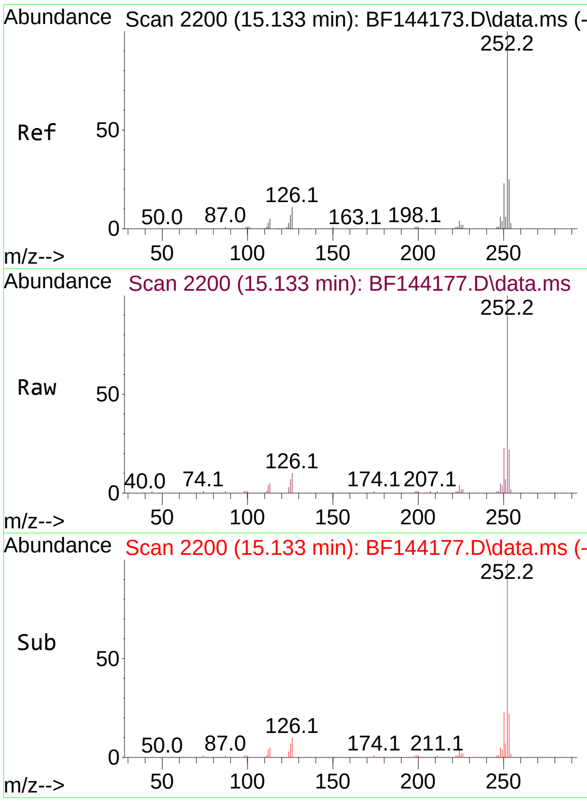


#88
Benzo(b)fluoranthene
Concen: 35.021 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:252 Resp: 428292

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	7.0	5.3	7.9





#89
Benzo(k)fluoranthene
Concen: 32.431 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion:252 Resp: 37123

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	6.9	5.4	8.2

Manual Integrations
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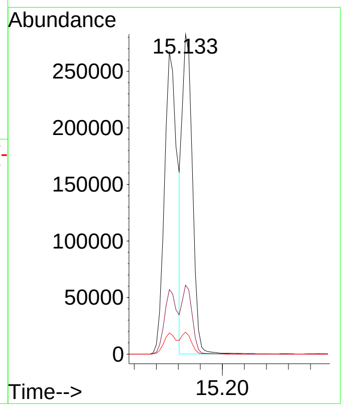
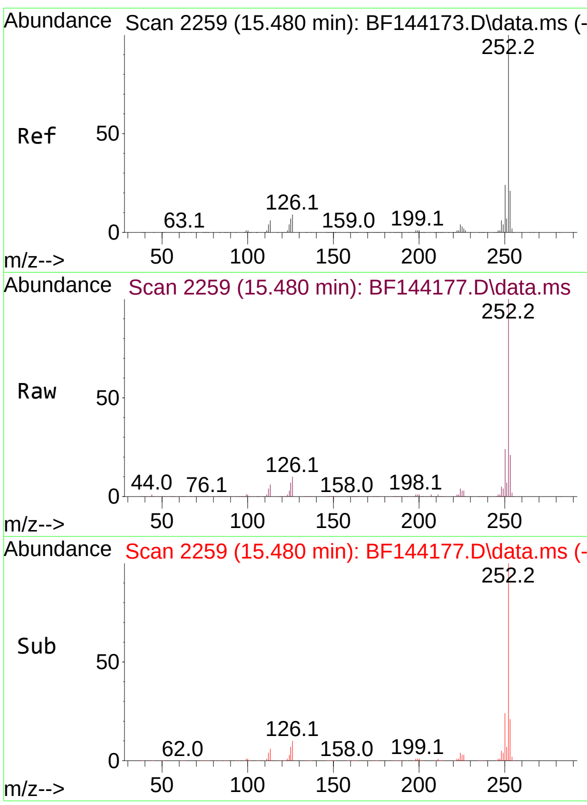
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

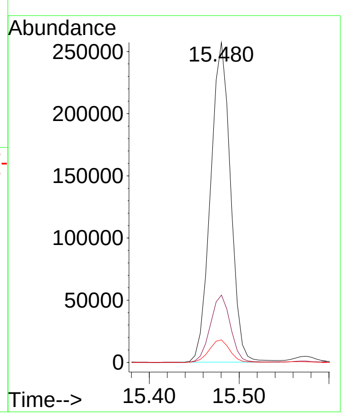


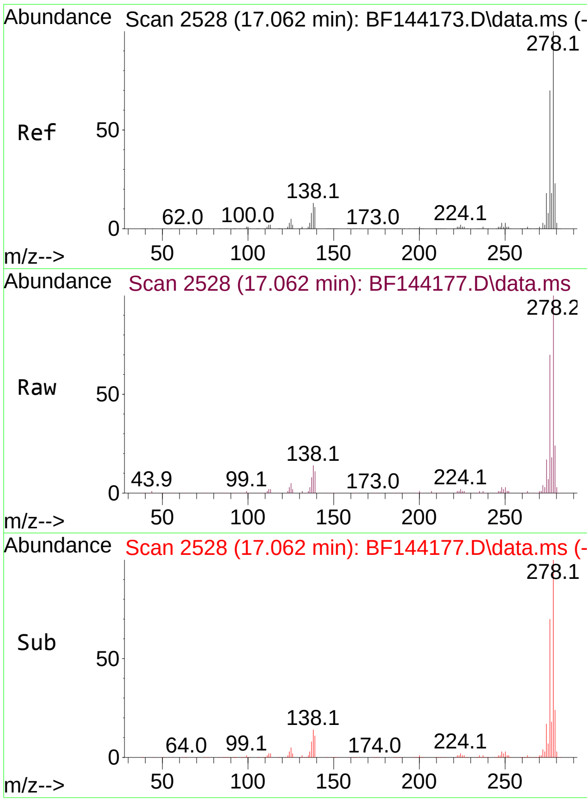


#90
Benzo(a)pyrene
Concen: 35.415 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:252 Resp: 399556

Ion	Ratio	Lower	Upper
252	100		
253	21.0	16.7	25.1
125	7.0	5.7	8.5





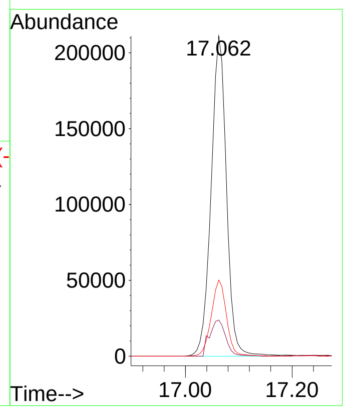
#91
Dibenzo(a,h)anthracene
Concen: 34.126 ng
RT: 17.062 min Scan# 25
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

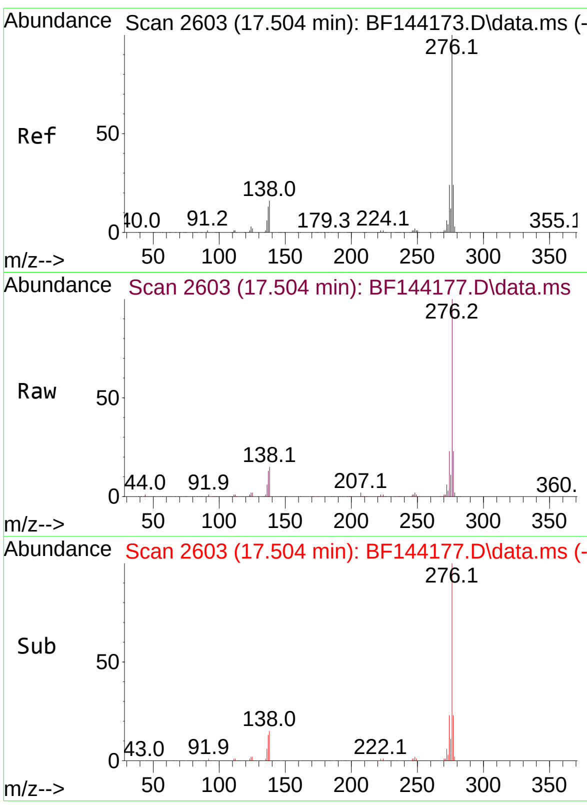
Tgt Ion:278 Resp: 42319

Ion	Ratio	Lower	Upper
278	100		
139	11.3	9.1	13.7
279	23.7	18.2	27.4

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

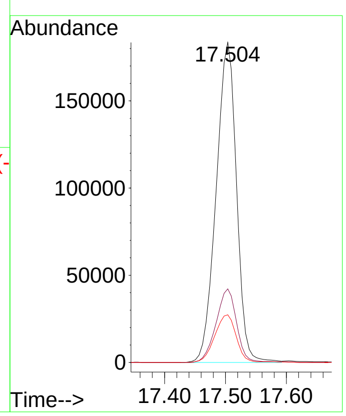




#92
Benzo(g,h,i)perylene
Concen: 34.857 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:276 Resp: 426866

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.4
138	14.9	12.9	19.3



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

#		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
2		1,4-Dioxane	0.528	0.462	12.5	83	-0.01
3		Pyridine	1.474	1.199	18.7	78	-0.04
4		n-Nitrosodimethylamine	0.770	0.697	9.5	89	-0.02
5	S	2-Fluorophenol	1.278	1.122	12.2	84	0.00
6		Aniline	2.063	1.917	7.1	92	0.00
7	S	Phenol-d6	1.448	1.258	13.1	85	0.00
8		2-Chlorophenol	1.253	1.100	12.2	85	0.00
9		Benzaldehyde	0.818	0.927	-13.3	112	0.00
10	C	Phenol	1.769	1.573	11.1	84	0.00
11		bis(2-Chloroethyl)ether	1.289	1.133	12.1	85	0.00
12		1,3-Dichlorobenzene	1.547	1.393	10.0	89	0.00
13	C	1,4-Dichlorobenzene	1.549	1.389	10.3	86	0.00
14		1,2-Dichlorobenzene	1.485	1.372	7.6	91	0.00
15		Benzyl Alcohol	1.147	1.020	11.1	87	0.00
16		2,2'-oxybis(1-Chloropropane	2.374	2.098	11.6	86	0.00
17		2-Methylphenol	0.997	0.866	13.1	83	0.00
18		Hexachloroethane	0.515	0.464	9.9	86	0.00
19	P	n-Nitroso-di-n-propylamine	0.953	0.812	14.8	84	0.00
20		3+4-Methylphenols	1.175	1.053	10.4	86	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	101	0.00
22		Acetophenone	0.429	0.387	9.8	90	0.00
23	S	Nitrobenzene-d5	0.346	0.297	14.2	83	0.00
24		Nitrobenzene	0.376	0.327	13.0	85	0.00
25		Isophorone	0.655	0.569	13.1	85	0.00
26	C	2-Nitrophenol	0.186	0.170	8.6	87	0.00
27		2,4-Dimethylphenol	0.279	0.274	1.8	93	0.00
28		bis(2-Chloroethoxy)methane	0.409	0.362	11.5	86	0.00
29	C	2,4-Dichlorophenol	0.322	0.274	14.9	83	0.00
30		1,2,4-Trichlorobenzene	0.330	0.294	10.9	88	0.00
31		Naphthalene	0.951	0.829	12.8	86	0.00
32		Benzoic acid	0.204	0.154	24.5	86	-0.04
33		4-Chloroaniline	0.347	0.336	3.2	93	0.00
34	C	Hexachlorobutadiene	0.249	0.215	13.7	83	0.00
35		Caprolactam	0.088	0.074	15.9	80	-0.03
36	C	4-Chloro-3-methylphenol	0.288	0.247	14.2	84	0.00
37		2-Methylnaphthalene	0.636	0.509	20.0	79	0.00
38		1-Methylnaphthalene	0.614	0.514	16.3	83	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	97	0.00
40		1,2,4,5-Tetrachlorobenzene	0.655	0.603	7.9	86	0.00
41	P	Hexachlorocyclopentadiene	0.195	0.243	-24.6	118	0.00
42	S	2,4,6-Tribromophenol	0.251	0.213	15.1	78	0.00
43	C	2,4,6-Trichlorophenol	0.446	0.394	11.7	84	0.00
44		2,4,5-Trichlorophenol	0.481	0.423	12.1	84	0.00
45	S	2-Fluorobiphenyl	1.354	1.180	12.9	85	0.00
46		1,1'-Biphenyl	1.396	1.275	8.7	87	0.00
47		2-Chloronaphthalene	1.191	1.045	12.3	84	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On   : 05 Nov 2025 17:21
Operator : RC/JU
Sample   : SSTDICV040
Misc   :
ALS Vial : 11   Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 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	0.344	0.306	11.0	82	0.00
49	Acenaphthylene	1.623	1.615	0.5	95	0.00
50	Dimethylphthalate	1.325	1.162	12.3	83	0.00
51	2,6-Dinitrotoluene	0.268	0.246	8.2	86	0.00
52 C	Acenaphthene	1.085	0.914	15.8	81	0.00
53	3-Nitroaniline	0.293	0.259	11.6	80	0.00
54 P	2,4-Dinitrophenol	0.162	0.116	28.4#	80	0.00
55	Dibenzofuran	1.520	1.353	11.0	84	0.00
56 P	4-Nitrophenol	0.212	0.164	22.6	78	0.00
57	2,4-Dinitrotoluene	0.359	0.323	10.0	81	0.00
58	Fluorene	1.156	1.037	10.3	85	0.00
59	2,3,4,6-Tetrachlorophenol	0.340	0.318	6.5	86	0.00
60	Diethylphthalate	1.221	1.058	13.3	82	0.00
61	4-Chlorophenyl-phenylether	0.658	0.576	12.5	81	0.00
62	4-Nitroaniline	0.279	0.246	11.8	83	0.00
63	Azobenzene	1.137	1.022	10.1	85	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	95	0.00
65	4,6-Dinitro-2-methylphenol	0.136	0.106	22.1	78	0.00
66 c	n-Nitrosodiphenylamine	0.643	0.584	9.2	86	0.00
67	4-Bromophenyl-phenylether	0.255	0.218	14.5	79	0.00
68	Hexachlorobenzene	0.301	0.262	13.0	83	0.00
69	Atrazine	0.205	0.188	8.3	87	0.00
70 C	Pentachlorophenol	0.150	0.122	18.7	75	0.00
71	Phenanthrene	0.996	0.873	12.3	82	0.00
72	Anthracene	1.013	0.893	11.8	83	0.00
73	Carbazole	0.861	0.737	14.4	80	0.00
74	Di-n-butylphthalate	1.041	0.899	13.6	80	0.00
75 C	Fluoranthene	1.029	0.883	14.2	80	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	100	0.00
77	Benzidine	0.592	0.668	-12.8	107	0.00
78	Pyrene	1.613	1.331	17.5	78	0.00
79 S	Terphenyl-d14	1.259	1.060	15.8	81	0.00
80	Butylbenzylphthalate	0.559	0.484	13.4	82	0.00
81	Benzo(a)anthracene	1.386	1.161	16.2	81	0.00
82	3,3'-Dichlorobenzidine	0.475	0.471	0.8	98	0.00
83	Chrysene	1.280	1.106	13.6	79	0.00
84	Bis(2-ethylhexyl)phthalate	0.765	0.667	12.8	82	0.00
85 c	Di-n-octyl phthalate	1.320	1.160	12.1	82	0.00
86 I	Perylene-d12	1.000	1.000	0.0	103	0.00
87	Indeno(1,2,3-cd)pyrene	1.436	1.221	15.0	85	0.02
88	Benzo(b)fluoranthene	1.137	0.996	12.4	83	0.00
89	Benzo(k)fluoranthene	1.064	0.863	18.9	85	0.00
90 C	Benzo(a)pyrene	1.049	0.929	11.4	89	0.00
91	Dibenzo(a,h)anthracene	1.153	0.984	14.7	85	0.01
92	Benzo(g,h,i)perylene	1.139	0.992	12.9	86	0.01

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On   : 05 Nov 2025 17:21
Operator : RC/JU
Sample   : SSTDICV040
Misc   :
ALS Vial : 11   Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 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_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	99	0.00
2		1,4-Dioxane	40.000	34.992	12.5	83	-0.01
3		Pyridine	40.000	32.541	18.6	78	-0.04
4		n-Nitrosodimethylamine	40.000	36.224	9.4	89	-0.02
5	S	2-Fluorophenol	80.000	70.243	12.2	84	0.00
6		Aniline	40.000	37.159	7.1	92	0.00
7	S	Phenol-d6	80.000	69.484	13.1	85	0.00
8		2-Chlorophenol	40.000	35.096	12.3	85	0.00
9		Benzaldehyde	40.000	45.337	-13.3	112	0.00
10	C	Phenol	40.000	35.563	11.1	84	0.00
11		bis(2-Chloroethyl)ether	40.000	35.167	12.1	85	0.00
12		1,3-Dichlorobenzene	40.000	36.038	9.9	89	0.00
13	C	1,4-Dichlorobenzene	40.000	35.858	10.4	86	0.00
14		1,2-Dichlorobenzene	40.000	36.957	7.6	91	0.00
15		Benzyl Alcohol	40.000	35.593	11.0	87	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	35.340	11.6	86	0.00
17		2-Methylphenol	40.000	34.723	13.2	83	0.00
18		Hexachloroethane	40.000	36.050	9.9	86	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	34.051	14.9	84	0.00
20		3+4-Methylphenols	40.000	35.839	10.4	86	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	101	0.00
22		Acetophenone	40.000	36.061	9.8	90	0.00
23	S	Nitrobenzene-d5	80.000	68.601	14.2	83	0.00
24		Nitrobenzene	40.000	34.763	13.1	85	0.00
25		Isophorone	40.000	34.755	13.1	85	0.00
26	C	2-Nitrophenol	40.000	36.521	8.7	87	0.00
27		2,4-Dimethylphenol	40.000	39.334	1.7	93	0.00
28		bis(2-Chloroethoxy)methane	40.000	35.422	11.4	86	0.00
29	C	2,4-Dichlorophenol	40.000	34.086	14.8	83	0.00
30		1,2,4-Trichlorobenzene	40.000	35.677	10.8	88	0.00
31		Naphthalene	40.000	34.861	12.8	86	0.00
32		Benzoic acid	40.000	30.148	24.6	86	-0.04
33		4-Chloroaniline	40.000	38.685	3.3	93	0.00
34	C	Hexachlorobutadiene	40.000	34.552	13.6	83	0.00
35		Caprolactam	40.000	33.478	16.3	80	-0.03
36	C	4-Chloro-3-methylphenol	40.000	34.336	14.2	84	0.00
37		2-Methylnaphthalene	40.000	31.978	20.1	79	0.00
38		1-Methylnaphthalene	40.000	33.472	16.3	83	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	97	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	36.811	8.0	86	0.00
41	P	Hexachlorocyclopentadiene	40.000	46.350	-15.9	118	0.00
42	S	2,4,6-Tribromophenol	80.000	67.987	15.0	78	0.00
43	C	2,4,6-Trichlorophenol	40.000	35.357	11.6	84	0.00
44		2,4,5-Trichlorophenol	40.000	35.179	12.1	84	0.00
45	S	2-Fluorobiphenyl	80.000	69.741	12.8	85	0.00
46		1,1'-Biphenyl	40.000	36.526	8.7	87	0.00
47		2-Chloronaphthalene	40.000	35.092	12.3	84	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 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	35.641	10.9	82	0.00
49	Acenaphthylene	40.000	39.818	0.5	95	0.00
50	Dimethylphthalate	40.000	35.076	12.3	83	0.00
51	2,6-Dinitrotoluene	40.000	36.758	8.1	86	0.00
52 C	Acenaphthene	40.000	33.702	15.7	81	0.00
53	3-Nitroaniline	40.000	35.372	11.6	80	0.00
54 P	2,4-Dinitrophenol	40.000	28.732	28.2#	80	0.00
55	Dibenzofuran	40.000	35.602	11.0	84	0.00
56 P	4-Nitrophenol	40.000	30.929	22.7	78	0.00
57	2,4-Dinitrotoluene	40.000	35.994	10.0	81	0.00
58	Fluorene	40.000	35.903	10.2	85	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	37.425	6.4	86	0.00
60	Diethylphthalate	40.000	34.646	13.4	82	0.00
61	4-Chlorophenyl-phenylether	40.000	35.002	12.5	81	0.00
62	4-Nitroaniline	40.000	35.278	11.8	83	0.00
63	Azobenzene	40.000	35.958	10.1	85	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	95	0.00
65	4,6-Dinitro-2-methylphenol	40.000	31.346	21.6	78	0.00
66 c	n-Nitrosodiphenylamine	40.000	36.292	9.3	86	0.00
67	4-Bromophenyl-phenylether	40.000	34.135	14.7	79	0.00
68	Hexachlorobenzene	40.000	34.810	13.0	83	0.00
69	Atrazine	40.000	36.790	8.0	87	0.00
70 C	Pentachlorophenol	40.000	32.706	18.2	75	0.00
71	Phenanthrene	40.000	35.049	12.4	82	0.00
72	Anthracene	40.000	35.286	11.8	83	0.00
73	Carbazole	40.000	34.224	14.4	80	0.00
74	Di-n-butylphthalate	40.000	34.535	13.7	80	0.00
75 C	Fluoranthene	40.000	34.338	14.2	80	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	100	0.00
77	Benzidine	40.000	45.165	-12.9	107	0.00
78	Pyrene	40.000	33.011	17.5	78	0.00
79 S	Terphenyl-d14	80.000	67.318	15.9	81	0.00
80	Butylbenzylphthalate	40.000	34.633	13.4	82	0.00
81	Benzo(a)anthracene	40.000	33.489	16.3	81	0.00
82	3,3'-Dichlorobenzidine	40.000	39.612	1.0	98	0.00
83	Chrysene	40.000	34.559	13.6	79	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	34.880	12.8	82	0.00
85 c	Di-n-octyl phthalate	40.000	35.142	12.1	82	0.00
86 I	Perylene-d12	20.000	20.000	0.0	103	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	34.019	15.0	85	0.02
88	Benzo(b)fluoranthene	40.000	35.021	12.4	83	0.00
89	Benzo(k)fluoranthene	40.000	32.431	18.9	85	0.00
90 C	Benzo(a)pyrene	40.000	35.415	11.5	89	0.00
91	Dibenzo(a,h)anthracene	40.000	34.126	14.7	85	0.01
92	Benzo(g,h,i)perylene	40.000	34.857	12.9	86	0.01

ICAL Form

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On    : 05 Nov 2025  17:21
Operator  : RC/JU
Sample    : SSTDICV040
Misc      :
ALS Vial  : 11   Sample Multiplier: 1

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration
```

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

```
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

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: REMI02

Lab Code: ACE   SDG No.: Q3586

Instrument ID: BNA_P   Calibration Date(s): 10/29/2025 10/29/2025

Calibration Time(s): 09:26 14:13

LAB FILE ID: RRF2.5 = BP026028.D RRF005 = BP026029.D RRF010 = BP026030.D
RRF020 = BP026031.D RRF040 = BP026032.D RRF050 = BP026033.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.055	1.255	1.234	1.249	1.123	1.212	7.4
Benzaldehyde			0.855	0.938	0.809	0.670	0.802	11.5
Phenol-d6		1.366	1.580	1.574	1.606	1.425	1.543	6.8
Phenol		1.542	1.771	1.750	1.773	1.568	1.713	6.4
bis(2-Chloroethyl)ether		1.271	1.434	1.372	1.373	1.228	1.352	5.6
2-Chlorophenol		1.116	1.354	1.356	1.403	1.262	1.342	9.0
2-Methylphenol		0.958	1.129	1.145	1.175	1.057	1.121	7.8
2,2-oxybis(1-Chloropropane)		1.978	2.210	2.102	2.099	1.846	2.043	5.8
Acetophenone		0.481	0.548	0.519	0.518	0.455	0.506	6.1
3+4-Methylphenols			1.521	1.557	1.613	1.430	1.560	5.0
n-Nitroso-di-n-propylamine	0.795	0.894	1.013	1.016	1.027	0.904	0.958	8.8
Nitrobenzene-d5		0.256	0.317	0.327	0.338	0.306	0.321	10.3
Hexachloroethane		0.481	0.562	0.535	0.552	0.490	0.533	6.5
Nitrobenzene		0.282	0.345	0.346	0.357	0.317	0.339	8.8
Isophorone		0.606	0.721	0.705	0.720	0.632	0.687	7.0
2-Nitrophenol		0.069	0.092	0.107	0.128	0.124	0.104	23.2
2,4-Dimethylphenol		0.243	0.306	0.281	0.302	0.269	0.289	8.9
bis(2-Chloroethoxy)methane		0.406	0.466	0.436	0.447	0.396	0.433	5.8
2,4-Dichlorophenol		0.241	0.302	0.308	0.327	0.292	0.305	10.8
Naphthalene		1.039	1.181	1.121	1.115	0.978	1.091	6.3
4-Chloroaniline		0.374	0.440	0.427	0.437	0.384	0.419	6.8
Hexachlorobutadiene		0.198	0.231	0.209	0.216	0.190	0.211	6.7
Caprolactam			0.099	0.103	0.113	0.099	0.107	7.0
4-Chloro-3-methylphenol		0.257	0.314	0.325	0.345	0.303	0.320	10.3
2-Methylnaphthalene		0.717	0.823	0.771	0.795	0.694	0.763	6.0
Hexachlorocyclopentadiene			0.200	0.198	0.237	0.218	0.227	11.5
2,4,6-Trichlorophenol		0.256	0.342	0.372	0.402	0.360	0.367	15.7
2-Fluorobiphenyl		1.350	1.549	1.454	1.421	1.231	1.392	7.5
2,4,5-Trichlorophenol		0.309	0.414	0.425	0.456	0.405	0.419	12.9
1,1-Biphenyl		1.454	1.673	1.577	1.560	1.378	1.531	6.4
2-Chloronaphthalene		1.130	1.304	1.248	1.229	1.090	1.205	6.2
2-Nitroaniline		0.166	0.226	0.269	0.304	0.277	0.272	21.9
Dimethylphthalate		1.282	1.574	1.491	1.522	1.323	1.455	7.8
Acenaphthylene		1.547	1.845	1.832	1.832	1.618	1.756	7.2

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Instrument ID: BNA_P Calibration Date(s): 10/29/2025 10/29/2025

Calibration Time(s): 09:26 14:13

LAB FILE ID: RRF2.5 = BP026028.D RRF005 = BP026029.D RRF010 = BP026030.D
RRF020 = BP026031.D RRF040 = BP026032.D RRF050 = BP026033.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.142	0.196	0.234	0.264	0.245	0.237	22.6
3-Nitroaniline		0.177	0.254	0.296	0.324	0.295	0.291	20.7
Acenaphthene		1.101	1.285	1.247	1.249	1.089	1.206	6.8
2,4-Dinitrophenol			0.069	0.082	0.100	0.096	0.100	22.4
4-Nitrophenol			0.277	0.309	0.285	0.258	0.290	7.0
Dibenzofuran		1.725	1.997	1.886	1.869	1.614	1.822	6.9
2,4-Dinitrotoluene		0.195	0.288	0.340	0.393	0.360	0.347	24.0
Diethylphthalate		1.240	1.570	1.484	1.549	1.350	1.463	8.7
4-Chlorophenyl-phenylether		0.699	0.803	0.736	0.731	0.623	0.713	8.3
Fluorene		1.347	1.621	1.501	1.450	1.260	1.427	8.8
4-Nitroaniline		0.207	0.294	0.328	0.342	0.298	0.311	16.9
4,6-Dinitro-2-methylphenol			0.053	0.065	0.076	0.075	0.077	22.1
n-Nitrosodiphenylamine		0.574	0.678	0.641	0.647	0.567	0.625	6.8
2,4,6-Tribromophenol		0.155	0.211	0.218	0.236	0.209	0.216	14.2
4-Bromophenyl-phenylether		0.206	0.234	0.222	0.228	0.204	0.222	5.8
Hexachlorobenzene		0.239	0.273	0.256	0.258	0.226	0.253	6.5
Atrazine		0.177	0.213	0.221	0.219	0.193	0.211	9.6
Pentachlorophenol			0.126	0.143	0.161	0.148	0.154	12.4
Phenanthrene		1.133	1.288	1.209	1.189	1.031	1.164	7.1
Anthracene		1.064	1.262	1.195	1.177	1.044	1.154	7.1
Carbazole		0.985	1.172	1.164	1.129	0.969	1.092	7.7
Di-n-butylphthalate		0.937	1.219	1.241	1.333	1.196	1.222	11.6
Fluoranthene		1.259	1.469	1.426	1.411	1.224	1.358	7.1
Pyrene		1.201	1.488	1.395	1.427	1.217	1.353	8.2
Terphenyl-d14		0.953	1.125	1.013	1.014	0.860	0.984	8.8
Butylbenzylphthalate		0.235	0.337	0.407	0.496	0.468	0.432	26.4
3,3-Dichlorobenzidine			0.390	0.424	0.462	0.416	0.443	8.9
Benzo(a)anthracene		1.279	1.497	1.407	1.420	1.224	1.374	7.0
Chrysene		1.210	1.424	1.348	1.345	1.169	1.302	6.9
Bis(2-ethylhexyl)phthalate		0.453	0.613	0.690	0.829	0.768	0.718	20.3
Di-n-octyl phthalate			0.822	1.025	1.287	1.238	1.191	18.9
Benzo(b)fluoranthene		1.074	1.277	1.278	1.306	1.149	1.242	7.7
Benzo(k)fluoranthene		1.119	1.365	1.306	1.331	1.141	1.268	7.9
Benzo(a)pyrene		0.941	1.169	1.171	1.210	1.054	1.141	9.4
Indeno(1,2,3-cd)pyrene		1.190	1.486	1.539	1.564	1.371	1.476	10.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Raw Data

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

6C
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Instrument ID: BNA_P Calibration Date(s): 10/29/2025 10/29/2025

Calibration Time(s): 09:26 14:13

LAB FILE ID: RRF2.5 = BP026028.D RRF005 = BP026029.D RRF010 = BP026030.D
RRF020 = BP026031.D RRF040 = BP026032.D RRF050 = BP026033.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		0.978	1.219	1.249	1.274	1.117	1.202	9.7
Benzo(g,h,i)perylene		0.966	1.167	1.219	1.212	1.068	1.156	8.9
1,2,4,5-Tetrachlorobenzene		0.574	0.670	0.637	0.632	0.565	0.621	6.3
1,4-Dioxane		0.472	0.567	0.519	0.515	0.453	0.511	7.6
2,3,4,6-Tetrachlorophenol		0.223	0.303	0.332	0.364	0.328	0.330	16.7

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-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP026028.D 5 =BP026029.D 10 =BP026030.D 20 =BP026031.D 40 =BP026032.D 50 =BP026033.D 60 =BP026034.D 80 =BP026035.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...		-----------	-----------	ISTD	-----------	-----------	-----------			
2)		1,4-Dioxane		0.472	0.567	0.519	0.515	0.453	0.541	0.510	0.511	7.57
3)		Pyridine		1.330	1.538	1.488	1.481	1.304	1.552	1.475	1.453	6.69
4)		n-Nitrosodimet...			0.601	0.591	0.584	0.522	0.611	0.584	0.582	5.39
5)	S	2-Fluorophenol		1.055	1.255	1.234	1.249	1.123	1.318	1.250	1.212	7.44
6)		Aniline		1.893	2.157	2.117	2.112	1.885	2.158	2.091	2.059	5.76
7)	S	Phenol-d6		1.366	1.580	1.574	1.606	1.425	1.644	1.604	1.543	6.77
8)		2-Chlorophenol		1.116	1.354	1.356	1.403	1.262	1.478	1.426	1.342	8.97
9)		Benzaldehyde			0.856	0.937	0.809	0.670	0.796	0.744	0.802	11.45
10)	C	Phenol		1.542	1.771	1.750	1.773	1.568	1.823	1.761	1.713	6.44
11)		bis(2-Chloroet...		1.271	1.434	1.372	1.373	1.228	1.419	1.363	1.352	5.57
12)		1,3-Dichlorobe...		1.466	1.660	1.572	1.573	1.385	1.610	1.524	1.541	6.00
13)	C	1,4-Dichlorobe...		1.491	1.681	1.585	1.578	1.399	1.633	1.542	1.558	5.97
14)		1,2-Dichlorobe...		1.412	1.595	1.517	1.515	1.338	1.550	1.481	1.487	5.83
15)		Benzyl Alcohol			1.070	1.099	1.140	1.020	1.179	1.165	1.112	5.47
16)		2,2'-oxybis(1-...		1.978	2.210	2.102	2.099	1.846	2.083	1.982	2.043	5.75
17)		2-Methylphenol		0.958	1.129	1.145	1.175	1.057	1.210	1.176	1.121	7.75
18)		Hexachloroethane		0.481	0.562	0.535	0.552	0.490	0.568	0.546	0.533	6.49
19)	P	n-Nitroso-di-n...	0.795	0.894	1.013	1.016	1.027	0.904	1.025	0.986	0.958	8.83
20)		3+4-Methylphenols			1.521	1.557	1.613	1.430	1.646	1.595	1.560	4.96
21)	I	Naphthalene-d8		-----------	-----------	ISTD	-----------	-----------	-----------			
22)		Acetophenone		0.481	0.548	0.519	0.518	0.455	0.525	0.494	0.506	6.14
23)	S	Nitrobenzene-d5		0.256	0.317	0.327	0.338	0.306	0.359	0.343	0.321	10.34
24)		Nitrobenzene		0.282	0.345	0.346	0.357	0.317	0.371	0.354	0.339	8.83
25)		Isophorone		0.606	0.721	0.705	0.720	0.632	0.730	0.693	0.687	7.03
26)	C	2-Nitrophenol		0.069	0.092	0.107	0.128	0.124			0.104	23.21
27)		2,4-Dimethylph...		0.243	0.306	0.281	0.302	0.269	0.315	0.305	0.289	8.90
28)		bis(2-Chloroet...		0.406	0.466	0.436	0.447	0.396	0.451	0.427	0.433	5.79
29)	C	2,4-Dichloroph...		0.241	0.302	0.308	0.327	0.292	0.340	0.324	0.305	10.75
30)		1,2,4-Trichlor...		0.306	0.361	0.337	0.339	0.301	0.347	0.328	0.331	6.52
31)		Naphthalene		1.039	1.181	1.121	1.115	0.978	1.137	1.063	1.091	6.28
32)		Benzoic acid			0.100	0.127	0.168	0.162	0.206	0.213	0.163	26.84
33)		4-Chloroaniline		0.374	0.440	0.427	0.437	0.384	0.445	0.427	0.419	6.80
34)	C	Hexachlorobuta...		0.198	0.231	0.209	0.216	0.190	0.222	0.207	0.211	6.70
35)		Caprolactam			0.099	0.103	0.113	0.099	0.116	0.112	0.107	6.98
36)	C	4-Chloro-3-met...		0.257	0.314	0.325	0.345	0.303	0.356	0.337	0.320	10.33
37)		2-Methylnaphth...		0.717	0.823	0.771	0.795	0.694	0.793	0.750	0.763	6.02
38)		1-Methylnaphth...		0.709	0.801	0.754	0.768	0.663	0.770	0.726	0.742	6.19

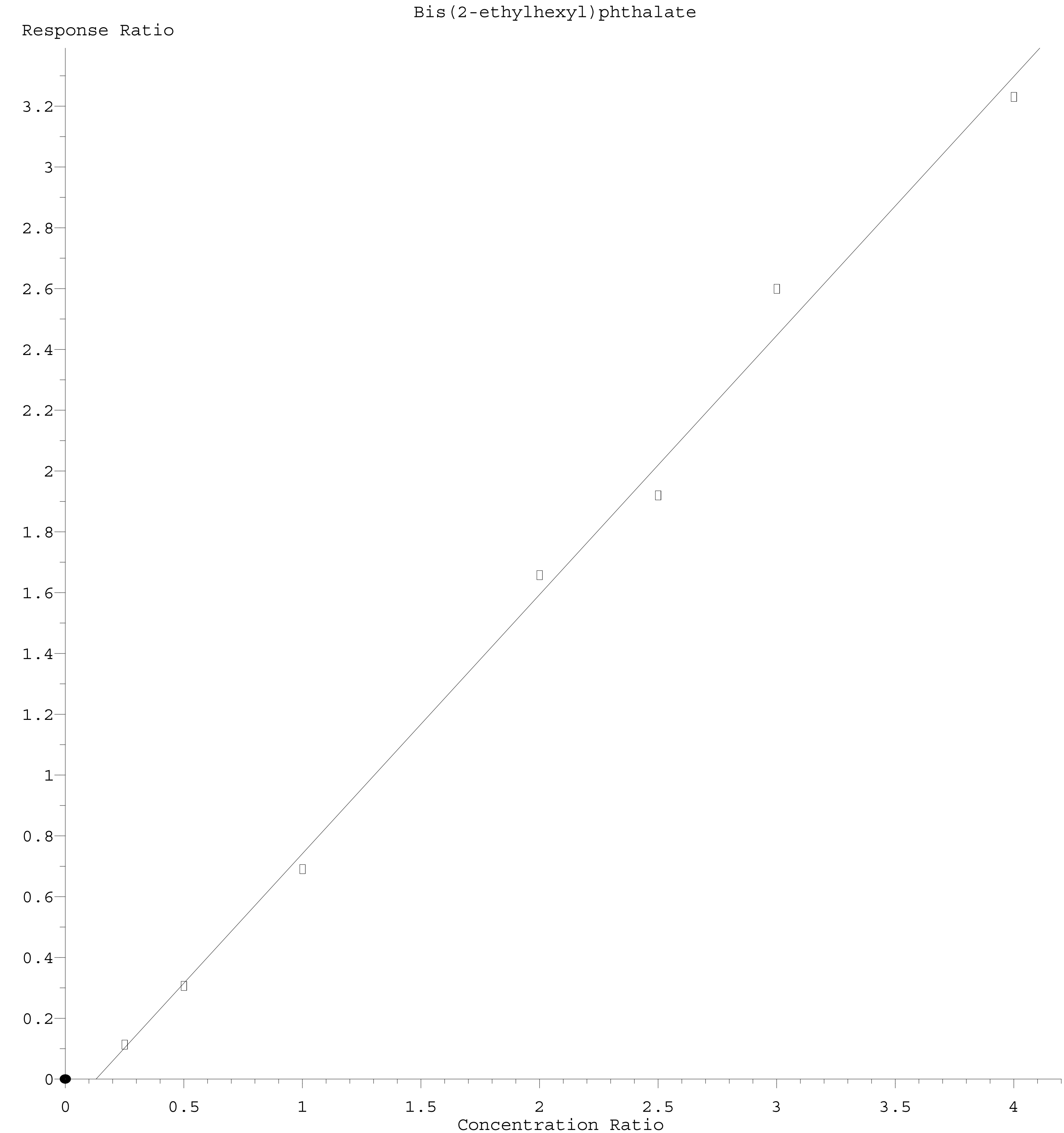
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

39)	I	Acenaphthene-d10	----------------ISTD--------------------								
40)		1,2,4,5-Tetrac...	0.574	0.670	0.637	0.632	0.565	0.654	0.619	0.621	6.33
41)	P	Hexachlorocycl...		0.200	0.198	0.237	0.218	0.260	0.251	0.227	11.46
42)	S	2,4,6-Tribromo...	0.155	0.211	0.218	0.236	0.209	0.250	0.234	0.216	14.19
43)	C	2,4,6-Trichlor...	0.256	0.342	0.372	0.402	0.360	0.427	0.413	0.367	15.70
44)		2,4,5-Trichlor...	0.309	0.414	0.425	0.456	0.405	0.469	0.456	0.419	12.90
45)	S	2-Fluorobiphenyl	1.350	1.549	1.454	1.421	1.231	1.432	1.307	1.392	7.53
46)		1,1'-Biphenyl	1.454	1.673	1.577	1.560	1.378	1.585	1.493	1.531	6.36
47)		2-Chloronaphth...	1.130	1.304	1.248	1.229	1.090	1.253	1.180	1.205	6.23
48)		2-Nitroaniline	0.166	0.226	0.269	0.304	0.277	0.332	0.329	0.272	21.95
49)		Acenaphthylene	1.547	1.845	1.832	1.832	1.618	1.876	1.742	1.756	7.23
50)		Dimethylphthalate	1.282	1.574	1.491	1.522	1.323	1.554	1.438	1.455	7.81
51)		2,6-Dinitrotol...	0.142	0.196	0.234	0.264	0.245	0.294	0.287	0.237	22.61
52)	C	Acenaphthene	1.101	1.285	1.247	1.249	1.089	1.278	1.192	1.206	6.77
53)		3-Nitroaniline	0.177	0.254	0.296	0.324	0.295	0.351	0.342	0.291	20.65
54)	P	2,4-Dinitrophenol		0.069	0.082	0.100	0.096	0.123	0.126	0.100	22.44
55)		Dibenzofuran	1.725	1.997	1.886	1.869	1.614	1.884	1.776	1.822	6.94
56)	P	4-Nitrophenol		0.277	0.309	0.285	0.258	0.310	0.301	0.290	7.04
57)		2,4-Dinitrotol...	0.195	0.288	0.340	0.393	0.360	0.433	0.418	0.347	23.95
58)		Fluorene	1.347	1.621	1.501	1.450	1.260	1.492	1.319	1.427	8.77
59)		2,3,4,6-Tetrac...	0.223	0.303	0.332	0.364	0.328	0.386	0.370	0.330	16.67
60)		Diethylphthalate	1.240	1.570	1.484	1.549	1.350	1.591	1.454	1.463	8.74
61)		4-Chlorophenyl...	0.699	0.803	0.736	0.731	0.623	0.739	0.658	0.713	8.29
62)		4-Nitroaniline	0.207	0.294	0.328	0.342	0.298	0.368	0.339	0.311	16.92
63)		Azobenzene	1.206	1.475	1.365	1.379	1.188	1.387	1.279	1.325	7.90
64)	I	Phenanthrene-d10	----------------ISTD--------------------								
65)		4,6-Dinitro-2-...		0.053	0.065	0.076	0.075	0.096	0.096	0.077	22.06
66)	c	n-Nitrosodiphe...	0.574	0.678	0.641	0.647	0.567	0.659	0.611	0.625	6.80
67)		4-Bromophenyl-...	0.206	0.234	0.222	0.228	0.204	0.237	0.222	0.222	5.77
68)		Hexachlorobenzene	0.239	0.273	0.256	0.258	0.226	0.268	0.247	0.253	6.53
69)		Atrazine	0.177	0.213	0.221	0.219	0.193	0.239	0.216	0.211	9.57
70)	C	Pentachlorophenol		0.126	0.143	0.161	0.148	0.178	0.170	0.154	12.39
71)		Phenanthrene	1.133	1.288	1.209	1.189	1.031	1.195	1.105	1.164	7.12
72)		Anthracene	1.064	1.262	1.195	1.177	1.044	1.220	1.115	1.154	7.09
73)		Carbazole	0.985	1.172	1.164	1.129	0.969	1.148	1.078	1.092	7.74
74)		Di-n-butylphth...	0.937	1.219	1.241	1.333	1.196	1.378	1.252	1.222	11.57
75)	C	Fluoranthene	1.259	1.469	1.426	1.411	1.224	1.422	1.295	1.358	7.09
76)	I	Chrysene-d12	----------------ISTD--------------------								
77)		Benzidine		0.411	0.508	0.517	0.451	0.598	0.560	0.508	13.50
78)		Pyrene	1.201	1.488	1.395	1.427	1.217	1.431	1.310	1.353	8.25
79)	S	Terphenyl-d14	0.953	1.125	1.013	1.014	0.860	1.019	0.908	0.984	8.77
80)		Butylbenzylpht...	0.235	0.337	0.407	0.496	0.468	0.559	0.520	0.432	26.44
81)		Benzo(a)anthra...	1.279	1.497	1.407	1.420	1.224	1.443	1.350	1.374	6.97
82)		3,3'-Dichlorob...		0.390	0.424	0.462	0.416	0.497	0.467	0.443	8.87
83)		Chrysene	1.210	1.424	1.348	1.345	1.169	1.349	1.268	1.302	6.92
84)		Bis(2-ethylhex...	0.453	0.613	0.690	0.829	0.768	0.866	0.808	0.718	20.27
85)	c	Di-n-octyl pht...		0.822	1.025	1.287	1.238	1.407	1.364	1.191	18.86

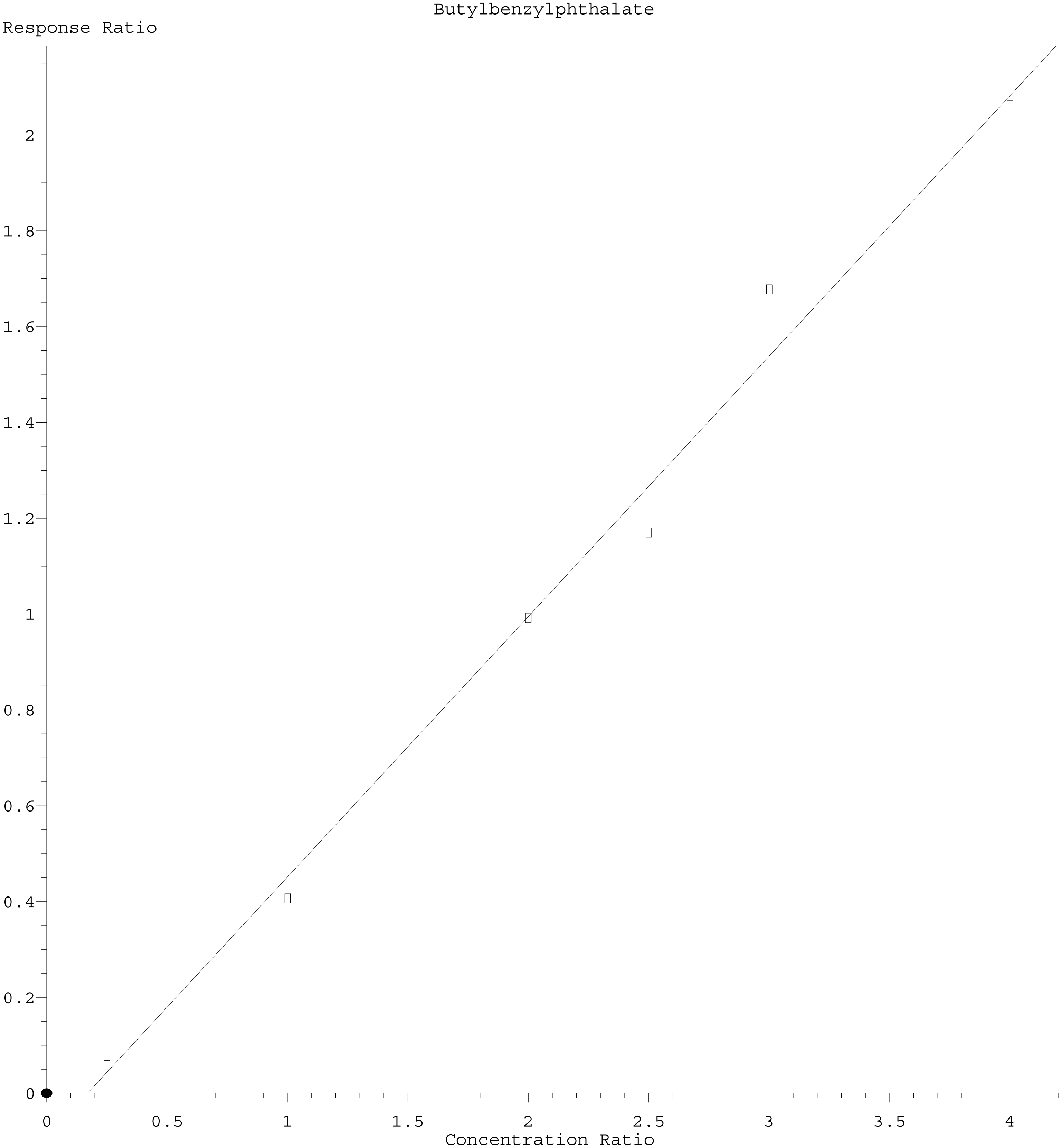
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

86)	I	Perylene-d12	-----------------ISTD---------------------								
87)		Indeno(1,2,3-c...	1.190	1.491	1.538	1.563	1.369	1.629	1.555	1.477	10.15
88)		Benzo(b)fluora...	1.074	1.277	1.278	1.306	1.149	1.345	1.262	1.242	7.67
89)		Benzo(k)fluora...	1.119	1.365	1.306	1.331	1.141	1.347	1.267	1.268	7.86
90)	C	Benzo(a)pyrene	0.941	1.169	1.171	1.210	1.054	1.253	1.186	1.141	9.38
91)		Dibenzo(a,h)an...	0.978	1.219	1.249	1.274	1.117	1.320	1.255	1.202	9.72
92)		Benzo(g,h,i)pe...	0.966	1.167	1.219	1.212	1.068	1.259	1.204	1.156	8.92

(#) = Out of Range

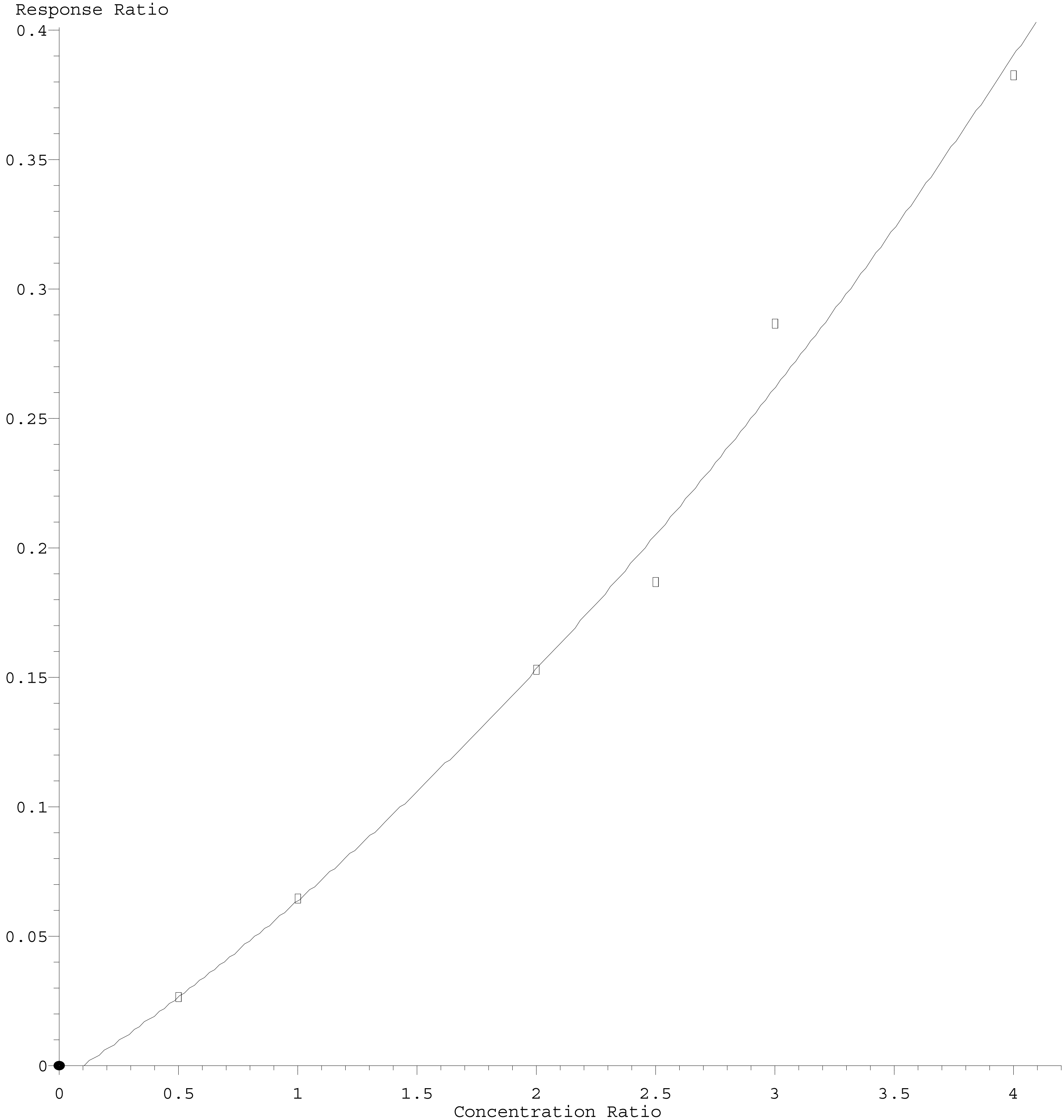


Response = 8.521e-001 * Amt - 1.107e-001
Coef of Det (r^2) = 0.996648   Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

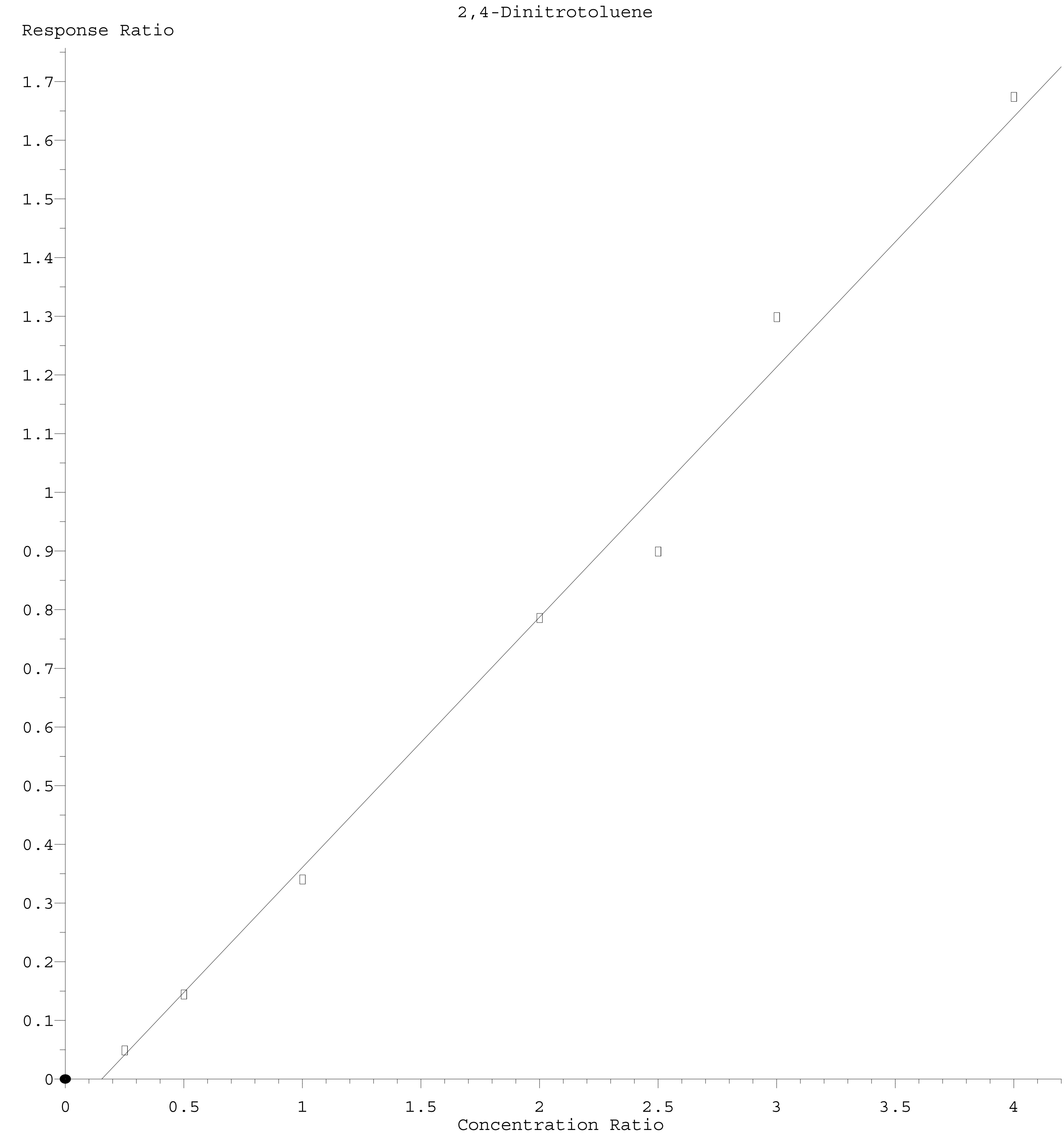


Response = 5.435e-001 * Amt - 9.231e-002
Coef of Det (r^2) = 0.993997   Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

4,6-Dinitro-2-methylphenol

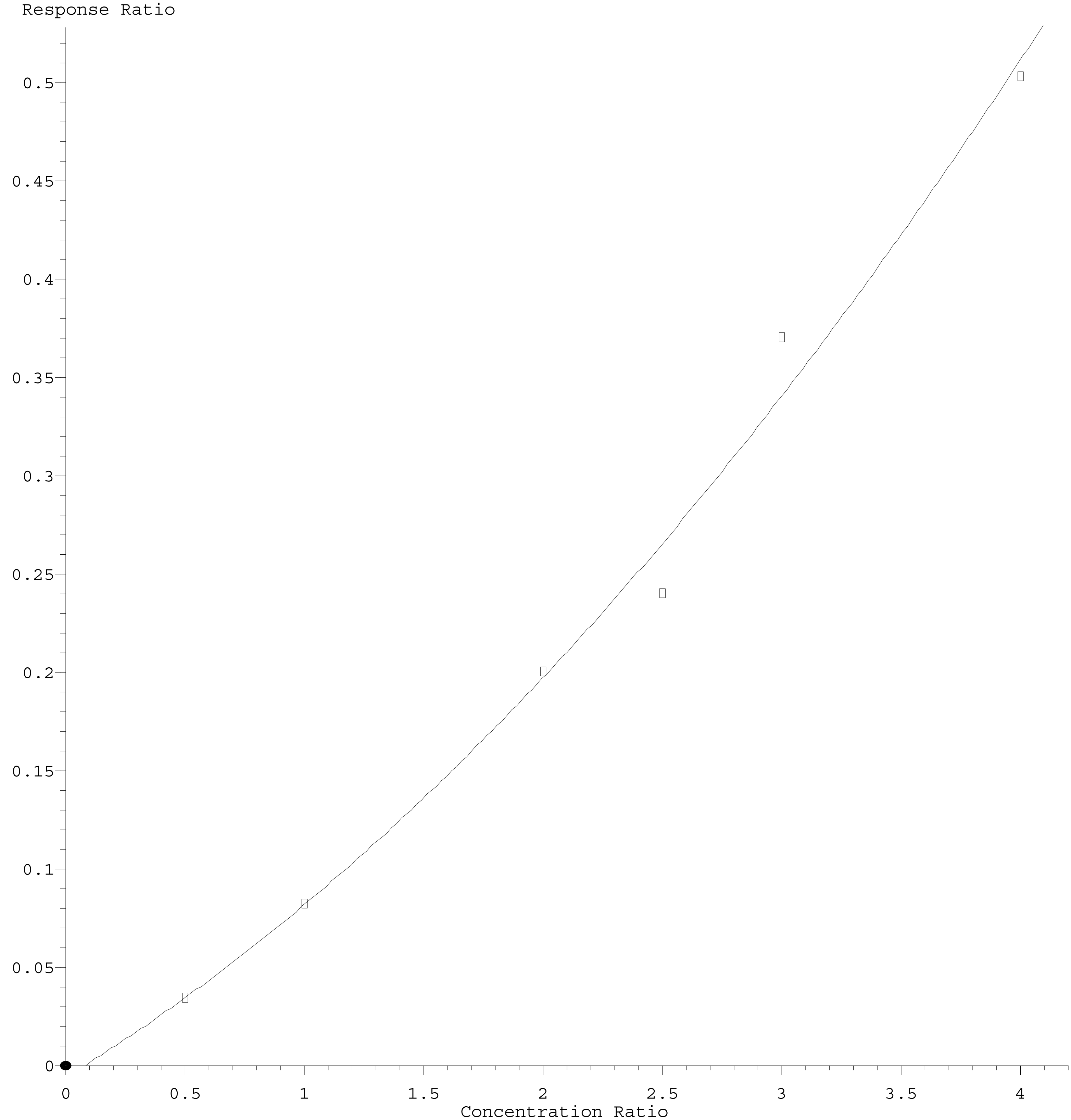


R = 9.755e-003 A*A + 5.999e-002 A - 6.001e-003
Coef of Det (r^2) = 0.992676   Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
Calibration Table Last Updated: Thu Oct 30 11:51:34 2025



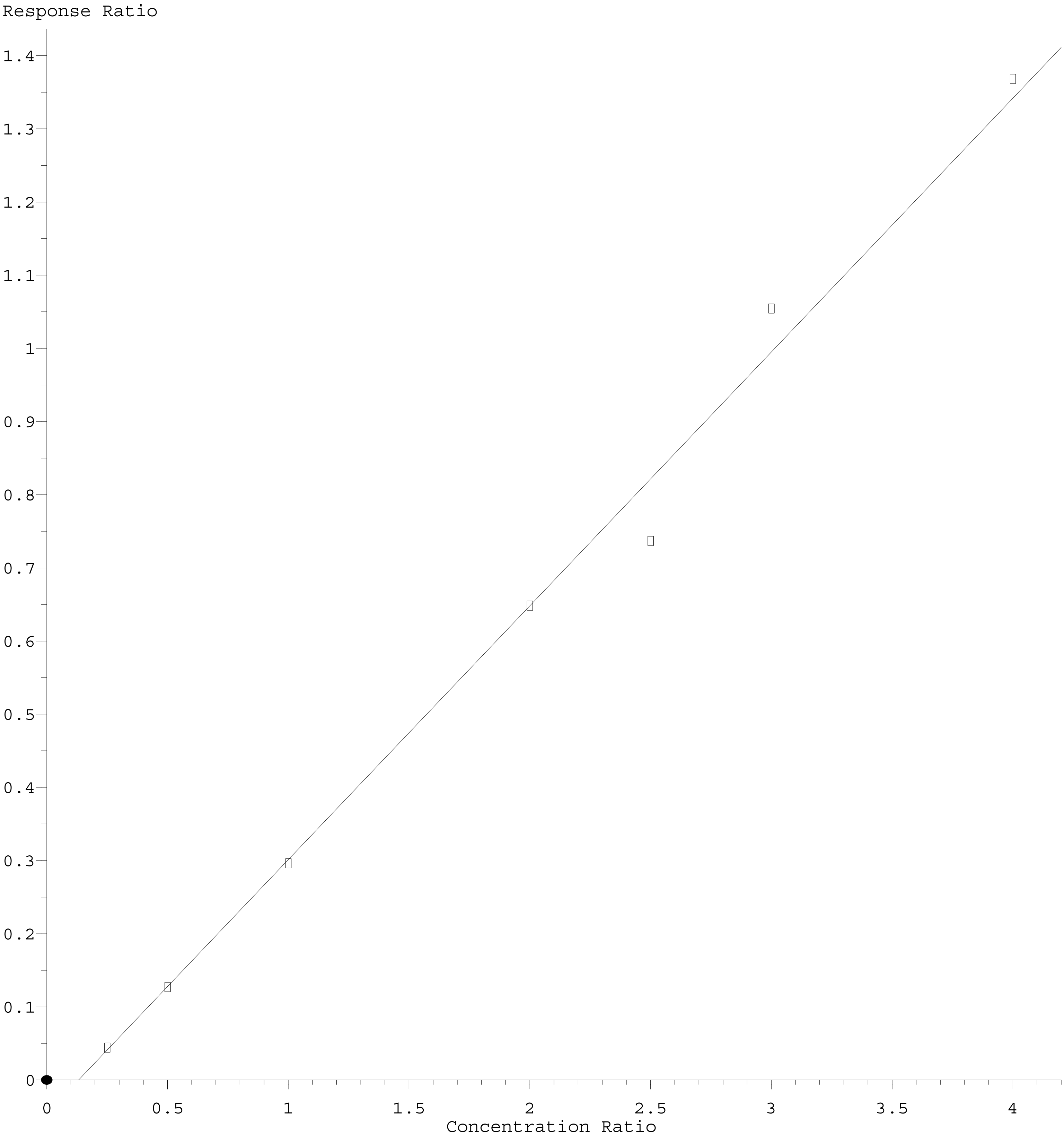
Response = 4.265e-001 * Amt - 6.582e-002
Coef of Det (r^2) = 0.994519   Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

2,4-Dinitrophenol

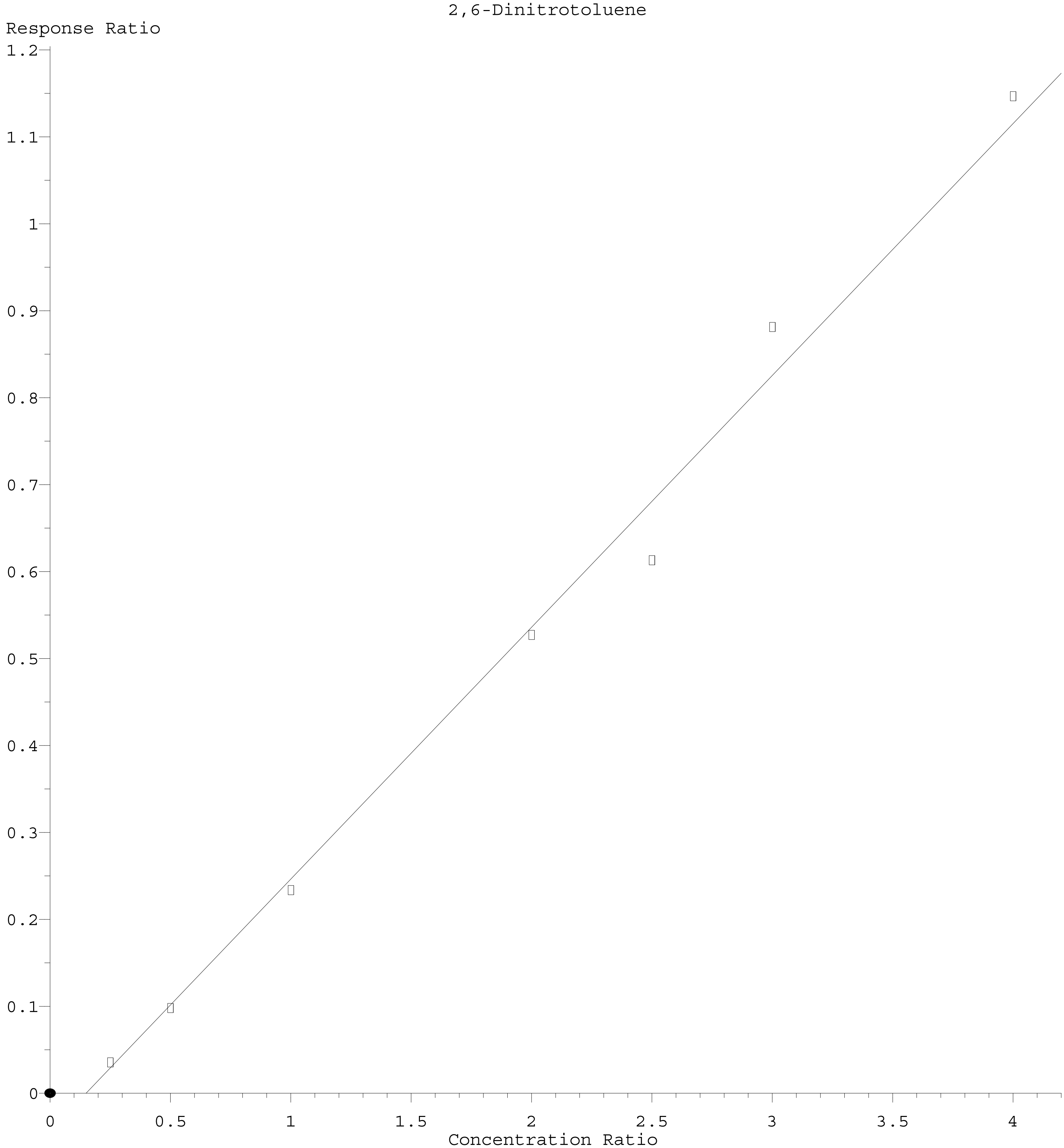


R = 1.384e-002 A*A + 7.400e-002 A - 5.971e-003
Coef of Det (r^2) = 0.992971   Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

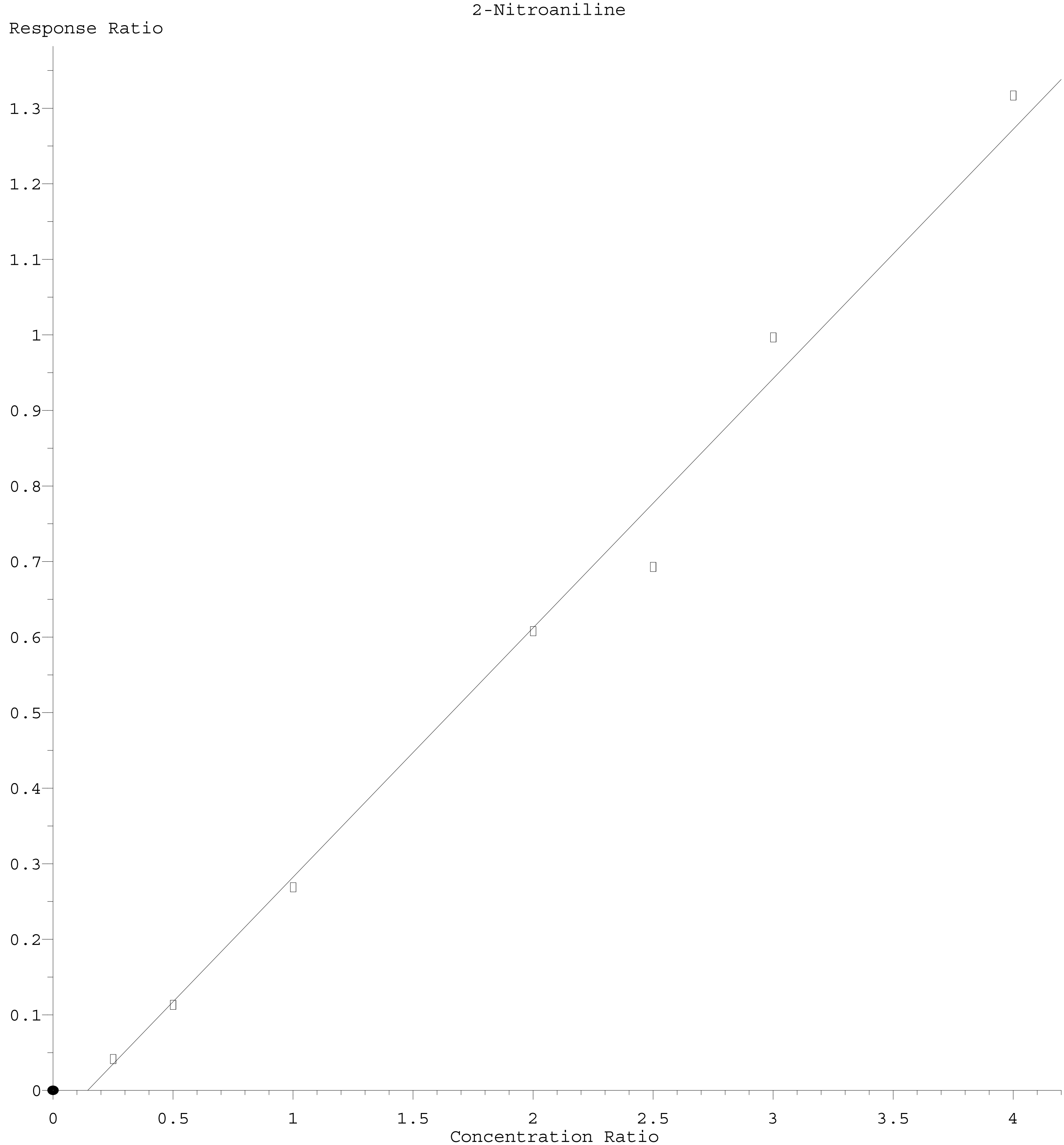
3-Nitroaniline



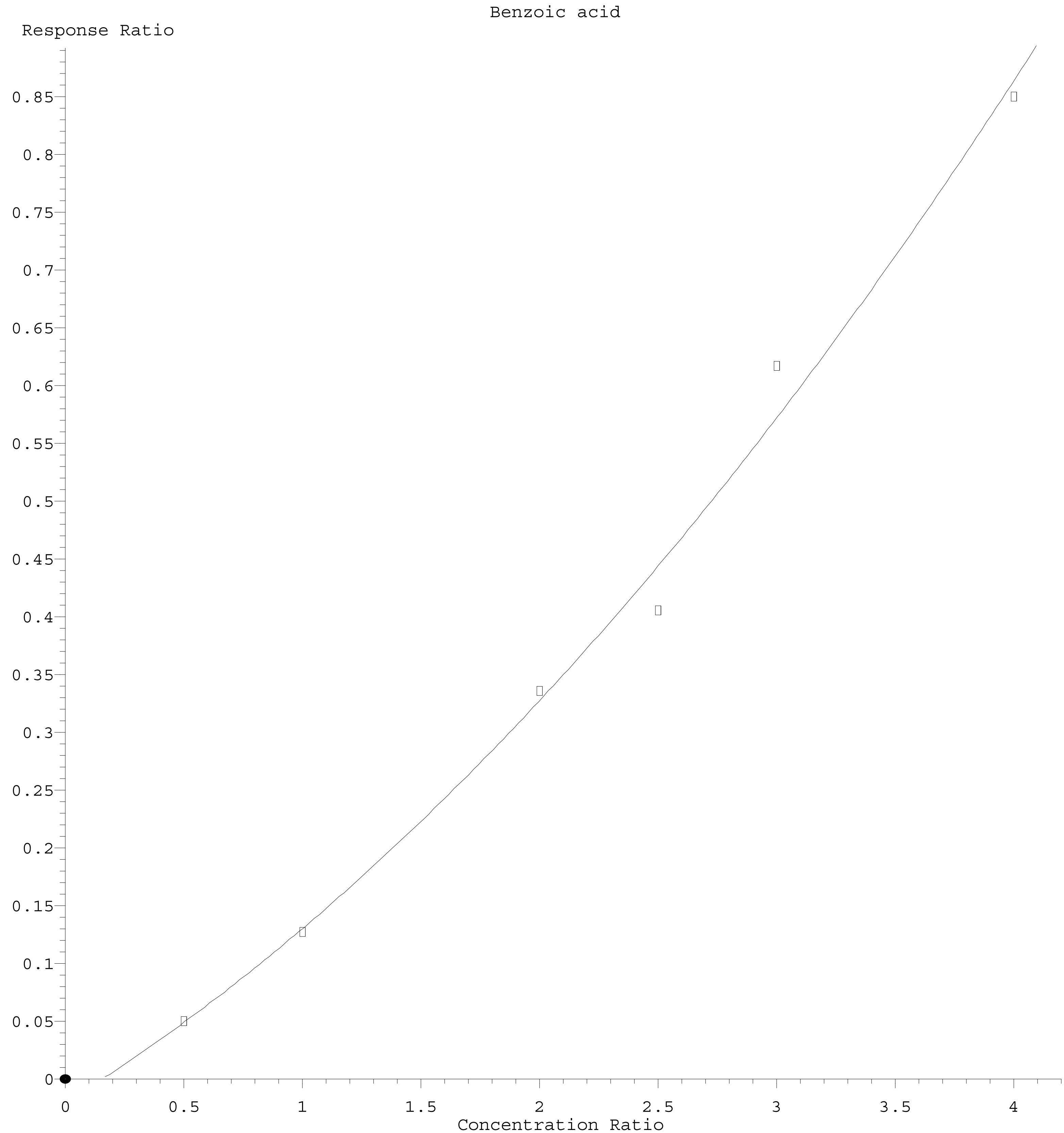
Response = 3.468e-001 * Amt - 4.573e-002
Coef of Det (r^2) = 0.995252   Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
Calibration Table Last Updated: Thu Oct 30 11:51:34 2025



Response = 2.897e-001 * Amt - 4.332e-002
Coef of Det (r^2) = 0.994441   Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

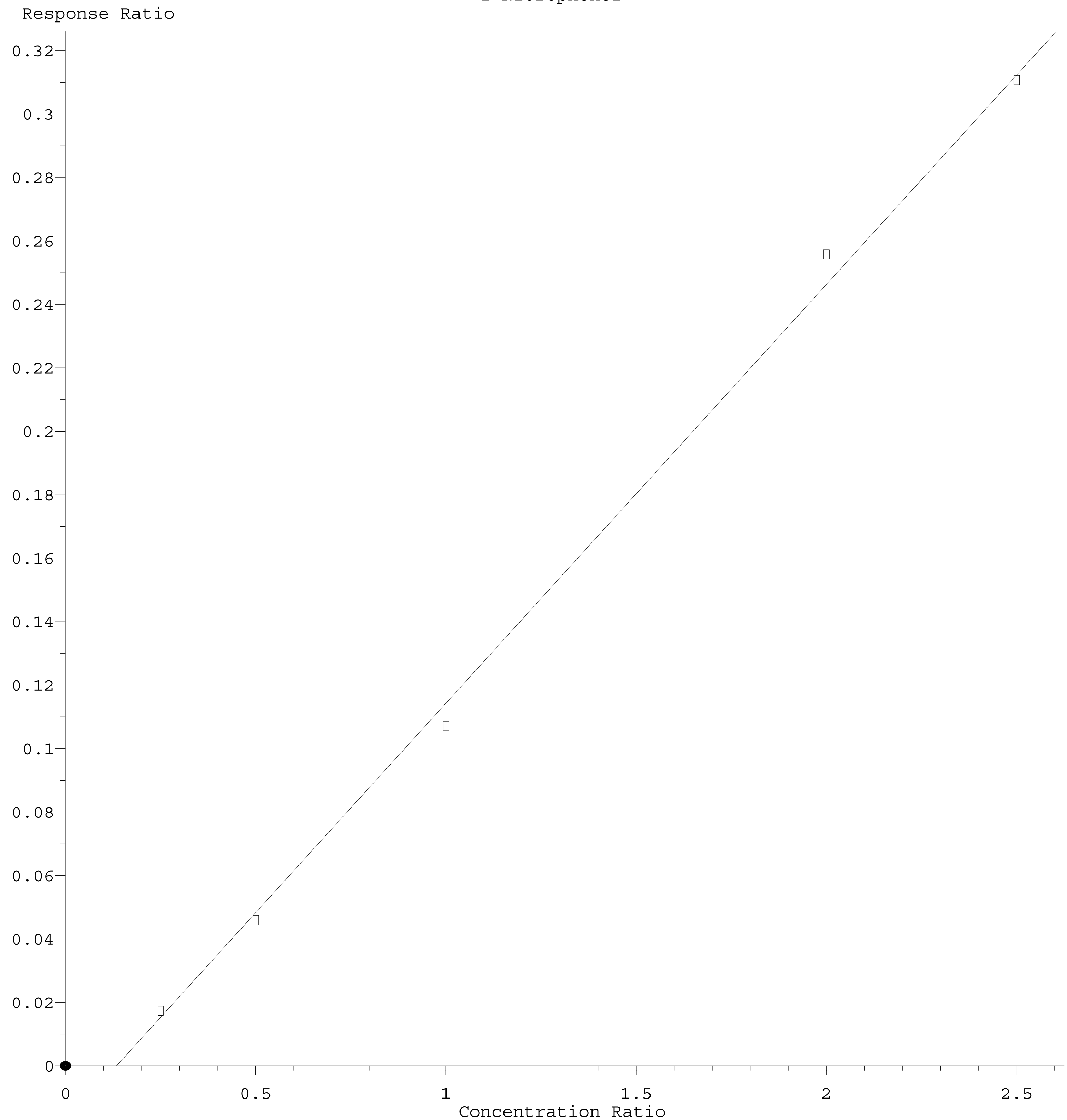


Response = 3.301e-001 * Amt - 4.802e-002
Coef of Det (r^2) = 0.994224   Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
Calibration Table Last Updated: Thu Oct 30 11:51:34 2025



R = 2.355e-002 A*A + 1.268e-001 A - 2.032e-002
Coef of Det (r^2) = 0.994313   Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

2-Nitrophenol



Response = 1.320e-001 * Amt - 1.768e-002
Coef of Det (r^2) = 0.997680   Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026028.D
Acq On : 29 Oct 2025 09:26
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 29 18:07:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.678	152	314539	20.000 ng	-0.01
21) Naphthalene-d8	10.454	136	1282158	20.000 ng	0.00
39) Acenaphthene-d10	14.319	164	817769	20.000 ng	0.00
64) Phenanthrene-d10	17.118	188	1645754	20.000 ng	0.00
76) Chrysene-d12	21.559	240	1828965	20.000 ng	0.00
86) Perylene-d12	24.871	264	1886321	20.000 ng	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	0.000	112	0d	0.000 ng	
7) Phenol-d6	0.000	99	0d	0.000 ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000 ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000 ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000 ng	
79) Terphenyl-d14	0.000	244	0d	0.000 ng	
Target Compounds					Qvalue
19) n-Nitroso-di-n-propyla...	8.472	70	31253	2.075 ng	96

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

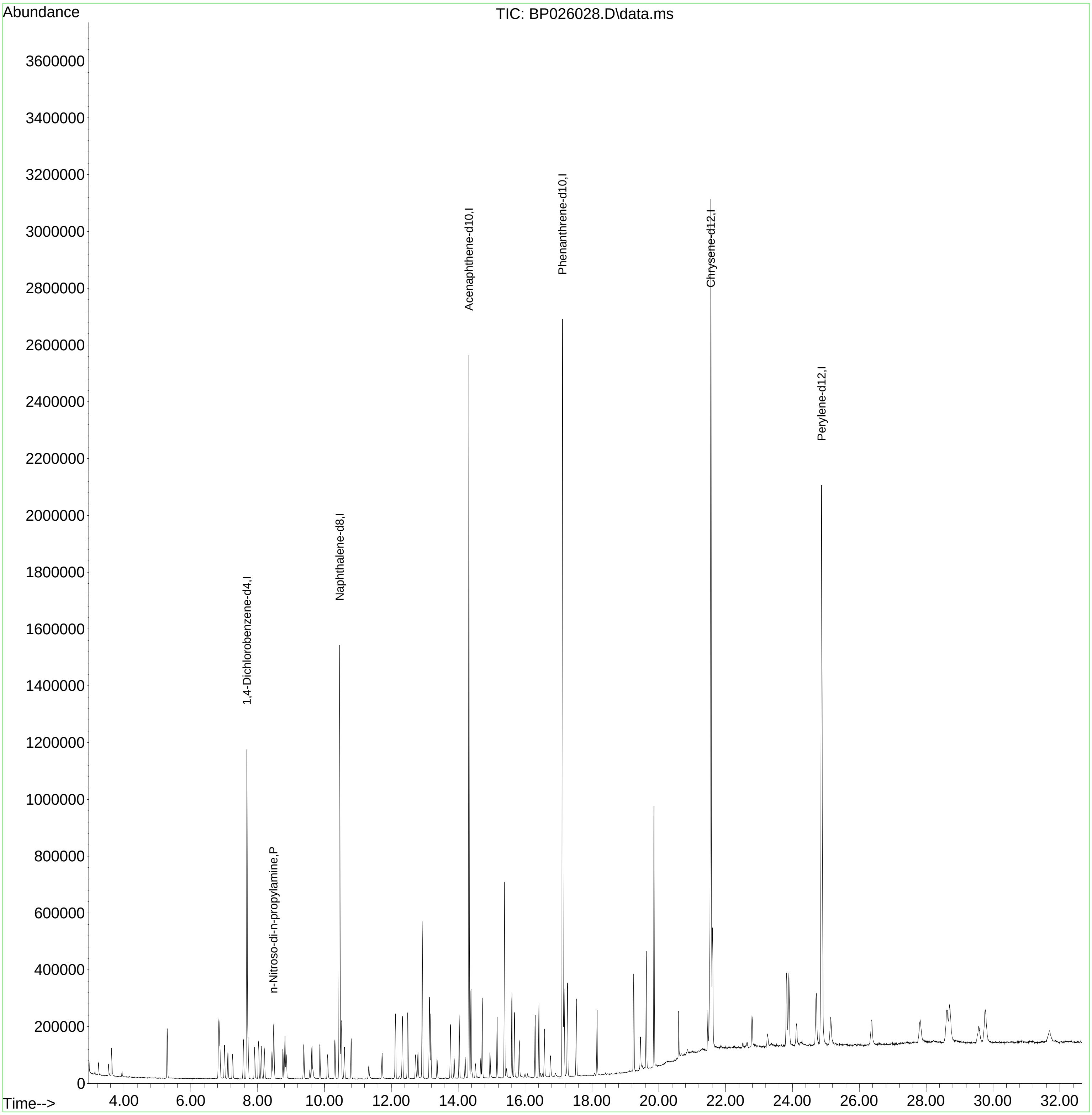
Quantitation Report   (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026028.D
Acq On   : 29 Oct 2025 09:26
Operator : RC/JU
Sample   : SSTDICC2.5
Misc   :
ALS Vial : 2   Sample Multiplier: 1

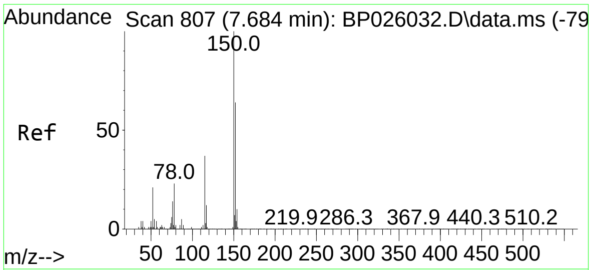
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

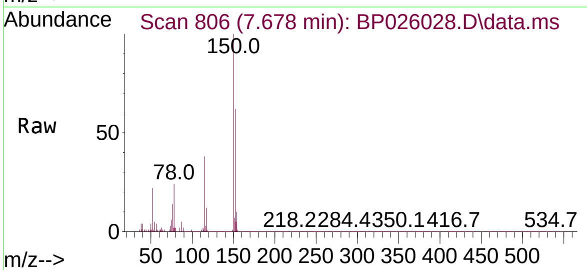
Quant Time: Oct 29 18:07:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

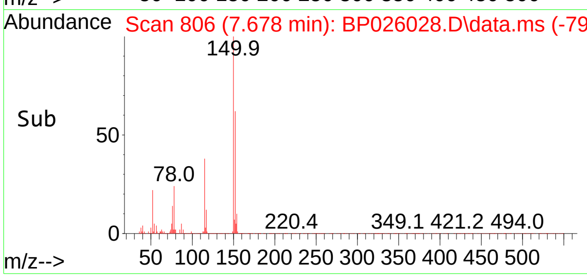


ICAL Form

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5



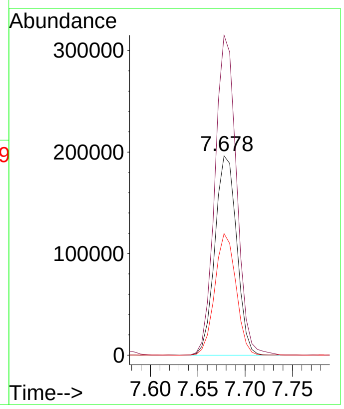


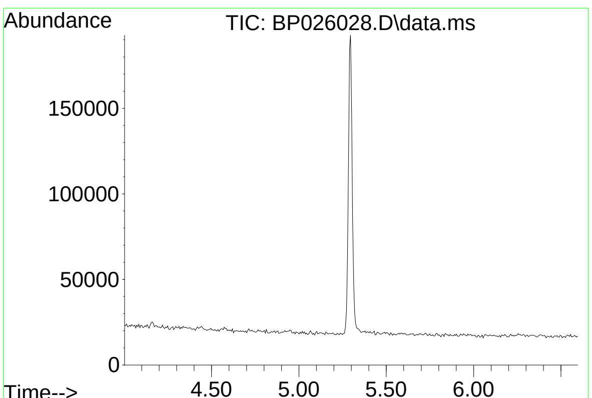


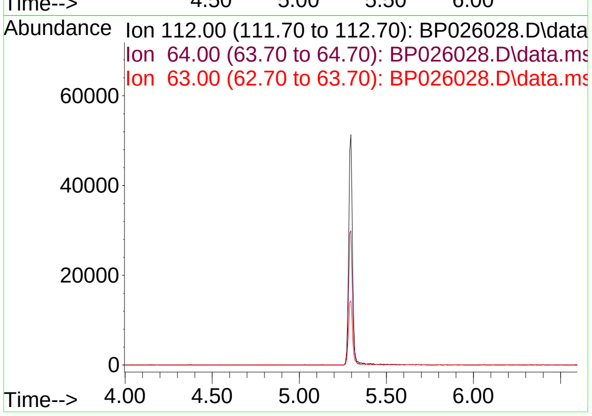
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

Tgt Ion:152 Resp: 314539

Ion	Ratio	Lower	Upper
152	100		
150	160.6	125.7	188.5
115	61.0	46.4	69.6







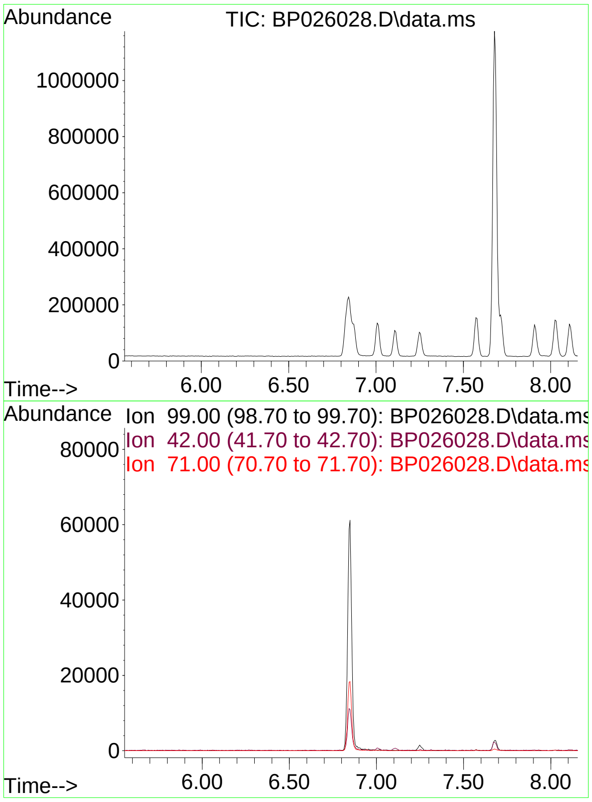
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.30 min

Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	59.3
63	30.3

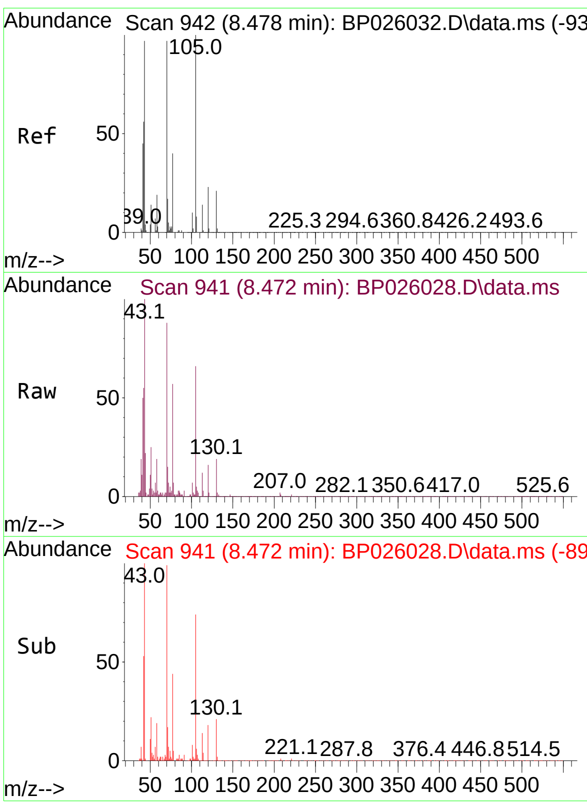
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5




```
#7
Phenol-d6
Concen:    0.000 ng
Expected RT: 6.85 min

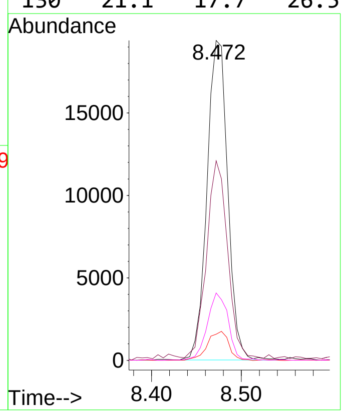
Lab File:   BP026028.D
Acq: 29 Oct 2025  09:26

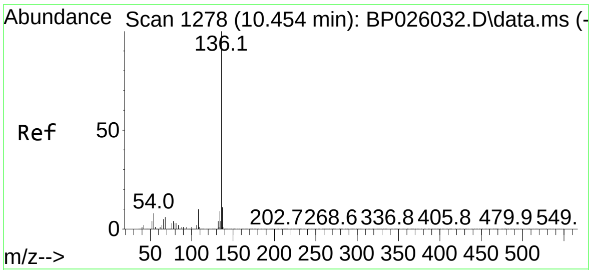
Tgt Ion:  99
Sig     Exp Ratio
 99       100
 42        17.1
 71        30.5
```

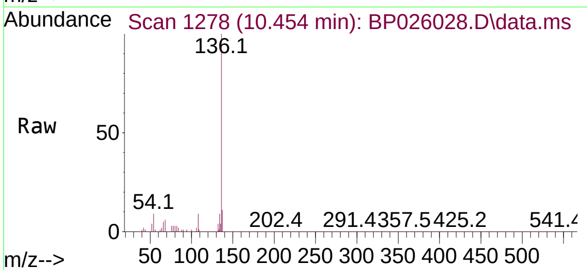


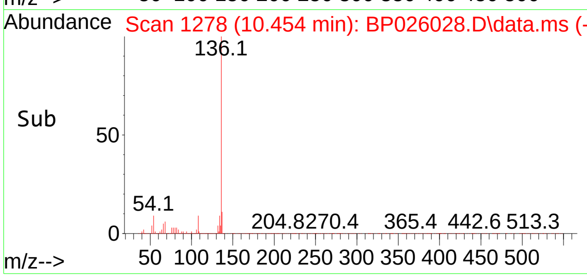

```
#19
n-Nitroso-di-n-propylamine
Concen:    2.075 ng
RT:   8.472 min   Scan# 941
Delta R.T.  -0.018 min
Lab File:   BP026028.D
Acq: 29 Oct 2025  09:26

Tgt Ion: 70 Resp:   31253
Ion  Ratio   Lower   Upper
 70  100
 42   62.4    47.2    70.8
101    8.2     8.2    12.2
130   21.1    17.7    26.5
```









ICAL Form

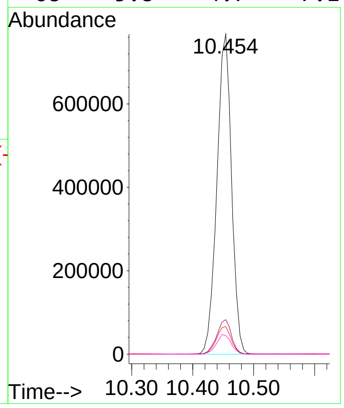
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1

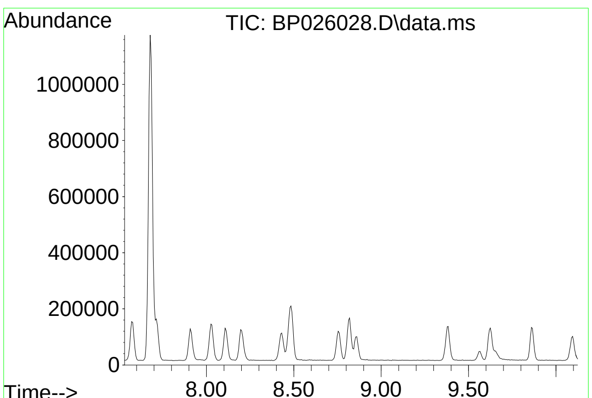
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Delta R.T. -0.000 min
Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

Tgt Ion:136 Resp: 1282158

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.7	6.6	10.0
68	5.8	4.7	7.1



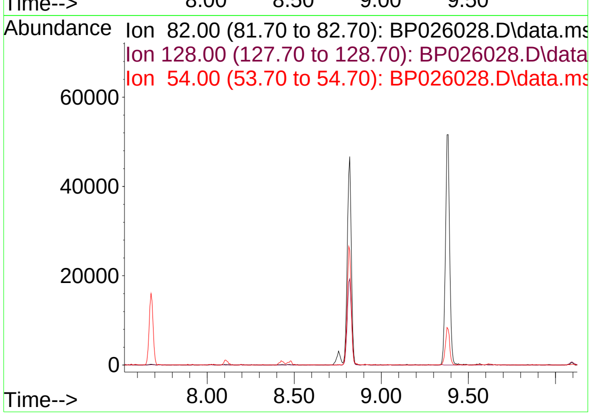


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.82 min

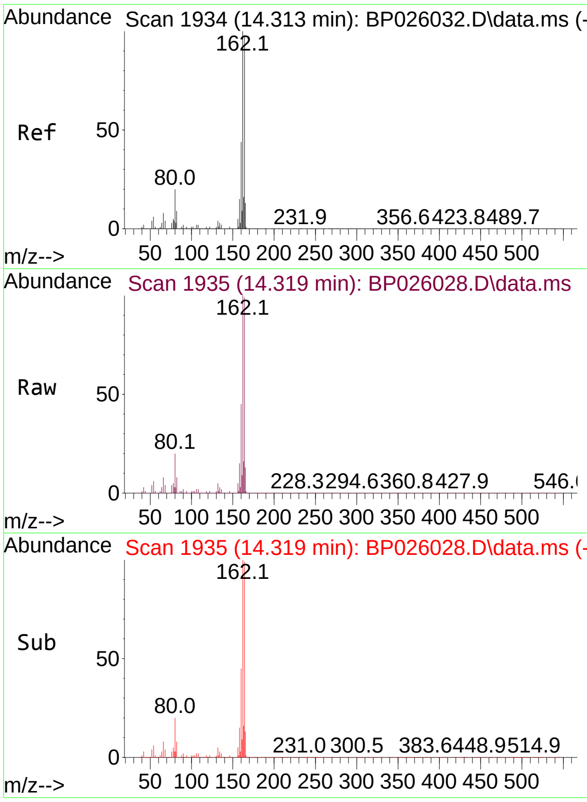
Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	46.7
54	53.4



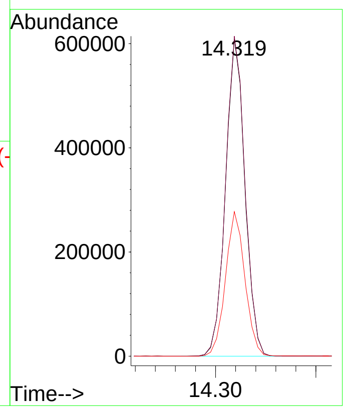
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

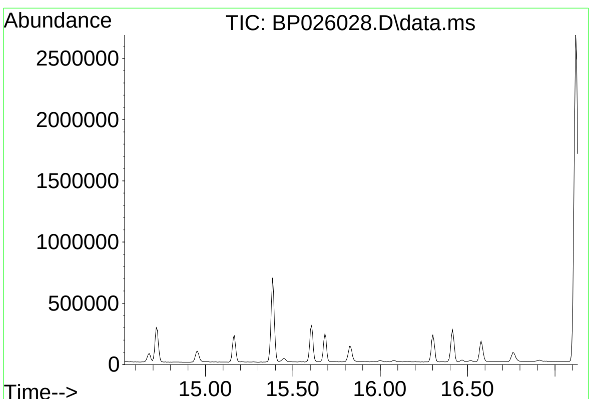


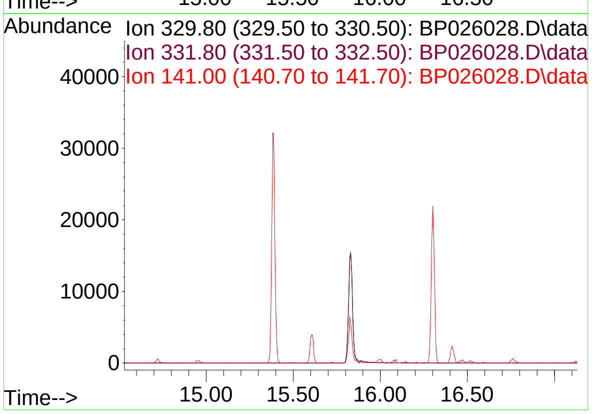
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

Tgt Ion:164 Resp: 817769

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.5	122.3
160	45.5	36.2	54.4







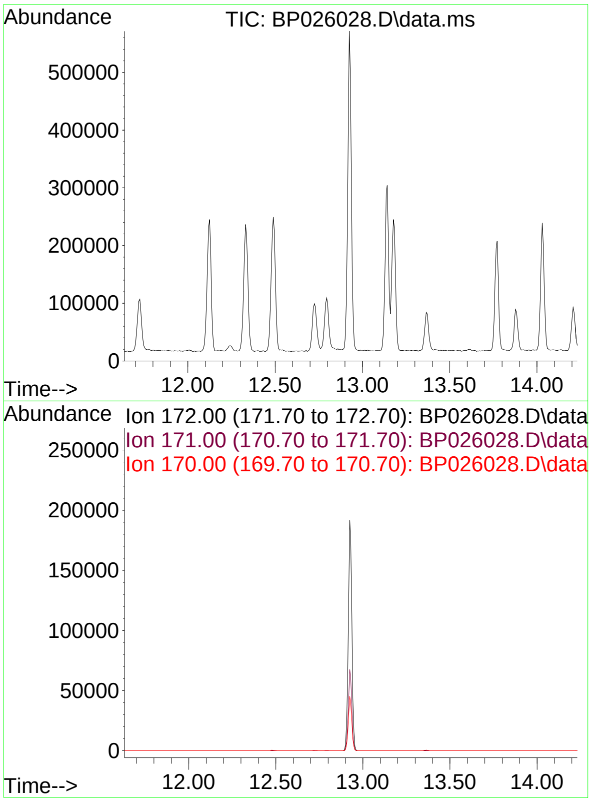
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.83 min

Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.6
141	35.7

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

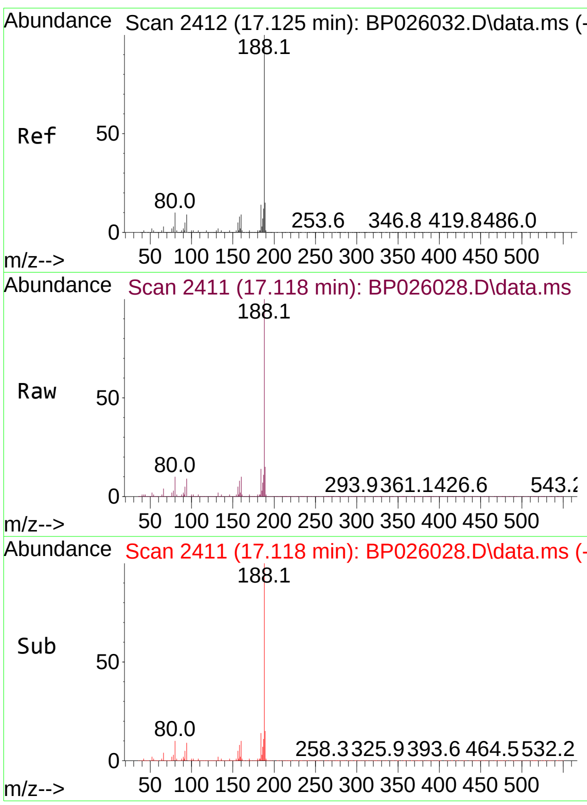


#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.93 min

Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

Tgt Ion: 172

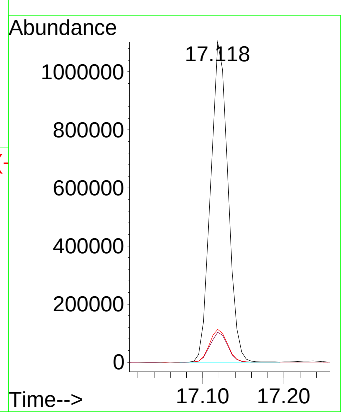
Sig	Exp Ratio
172	100
171	34.9
170	23.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.118 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

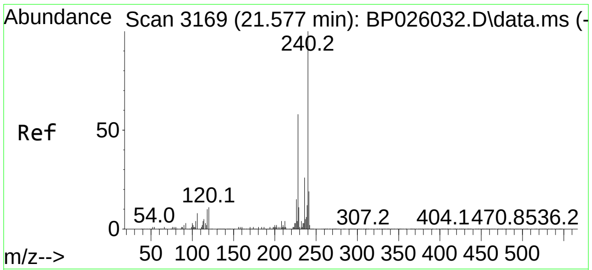
Tgt Ion:188 Resp: 1645754

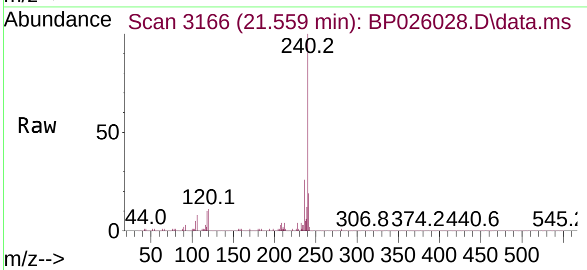
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	10.2	7.9	11.9

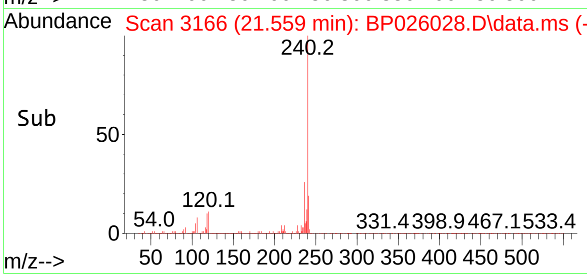


ICAL Form

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5



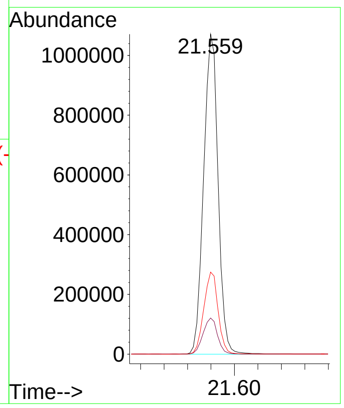


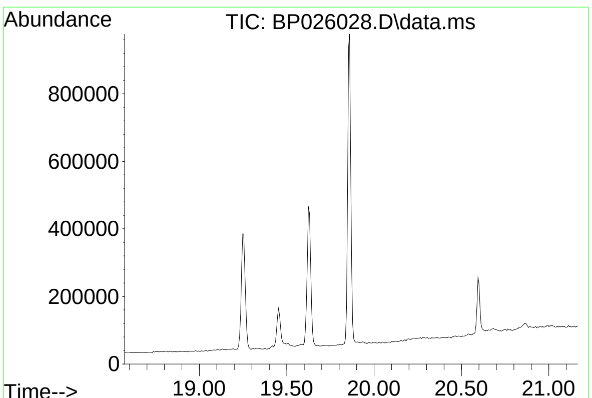


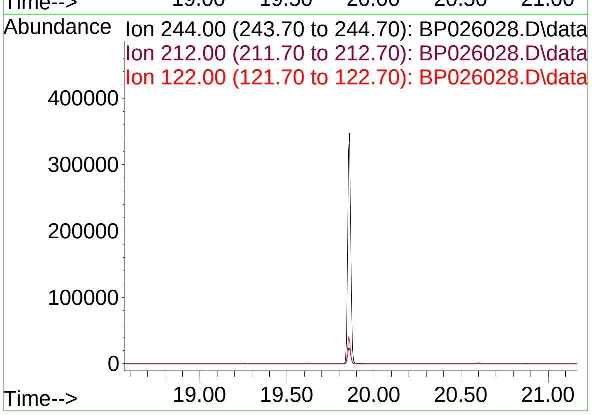
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.559 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

Tgt Ion:240 Resp: 1828965

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.6	20.6	31.0





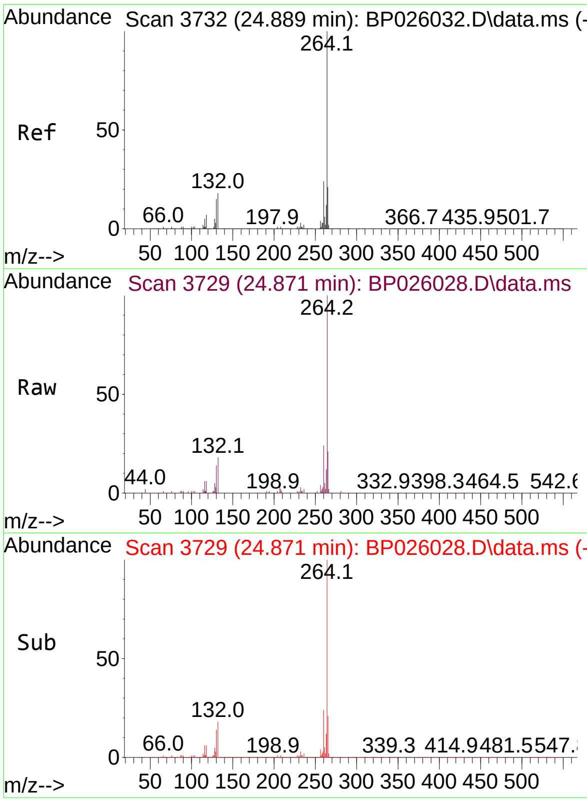


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.87 min

Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.5
122	11.3

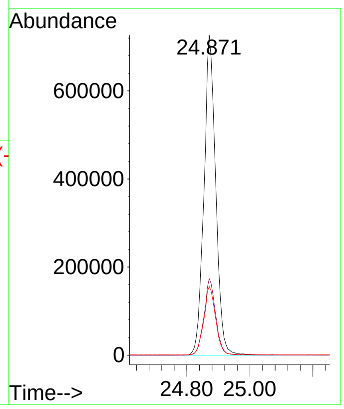


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.871 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1886321

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.4	17.2	25.8



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026029.D
Acq On : 29 Oct 2025 10:07
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Oct 29 18:07:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	341461	20.000 ng		0.00
21) Naphthalene-d8	10.449	136	1420199	20.000 ng		0.00
39) Acenaphthene-d10	14.313	164	925892	20.000 ng		0.00
64) Phenanthrene-d10	17.131	188	1817309	20.000 ng		0.00
76) Chrysene-d12	21.572	240	2025692	20.000 ng		0.00
86) Perylene-d12	24.860	264	2104784	20.000 ng		-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	180174	8.707 ng		0.00
7) Phenol-d6	6.849	99	233297	8.858 ng		0.00
23) Nitrobenzene-d5	8.819	82	182124	7.994 ng		0.00
42) 2,4,6-Tribromophenol	15.837	330	71861	7.179 ng		0.00
45) 2-Fluorobiphenyl	12.925	172	624927	9.698 ng		0.00
79) Terphenyl-d14	19.866	244	964860	9.677 ng		0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	40256	4.615 ng		98
3) Pyridine	3.626	79	113576	4.580 ng		99
6) Aniline	7.014	93	161620	4.598 ng		99
8) 2-Chlorophenol	7.255	128	95293	4.159 ng		95
10) Phenol	6.872	94	131630	4.502 ng		98
11) bis(2-Chloroethyl)ether	7.108	93	108520	4.703 ng		98
12) 1,3-Dichlorobenzene	7.578	146	125141	4.755 ng		98
13) 1,4-Dichlorobenzene	7.719	146	127251	4.783 ng		98
14) 1,2-Dichlorobenzene	8.025	146	120561	4.748 ng		99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	168852	4.841 ng		99
17) 2-Methylphenol	8.108	107	81751	4.270 ng		99
18) Hexachloroethane	8.749	117	41029	4.506 ng		98
19) n-Nitroso-di-n-propyla...	8.472	70	76340	4.669 ng		98
22) Acetophenone	8.484	105	170727	4.753 ng	#	98
24) Nitrobenzene	8.861	77	100098	4.161 ng		95
25) Isophorone	9.378	82	215193	4.413 ng		98
26) 2-Nitrophenol	9.566	139	24644	5.305 ng		98
27) 2,4-Dimethylphenol	9.625	122	86372	4.212 ng		98
28) bis(2-Chloroethoxy)met...	9.866	93	144278	4.695 ng		100
29) 2,4-Dichlorophenol	10.090	162	85429	3.946 ng		98
30) 1,2,4-Trichlorobenzene	10.313	180	108660	4.617 ng		98
31) Naphthalene	10.502	128	368922	4.764 ng		99
33) 4-Chloroaniline	10.602	127	132749	4.461 ng		98
34) Hexachlorobutadiene	10.796	225	70220	4.696 ng		99
36) 4-Chloro-3-methylphenol	11.719	107	91199	4.018 ng		99
37) 2-Methylnaphthalene	12.113	142	254416	4.694 ng		99
38) 1-Methylnaphthalene	12.343	142	251883	4.783 ng		97
40) 1,2,4,5-Tetrachloroben...	12.484	216	132759	4.615 ng		99
43) 2,4,6-Trichlorophenol	12.731	196	59158	3.479 ng		99
44) 2,4,5-Trichlorophenol	12.796	196	71602	3.690 ng		97
46) 1,1'-Biphenyl	13.137	154	336536	4.747 ng		99
47) 2-Chloronaphthalene	13.178	162	261657	4.691 ng		97
48) 2-Nitroaniline	13.372	65	38315	5.289 ng		96
49) Acenaphthylene	14.031	152	358129	4.405 ng		100
50) Dimethylphthalate	13.772	163	296661	4.405 ng		100
51) 2,6-Dinitrotoluene	13.878	165	32784	5.334 ng		89

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026029.D
Acq On : 29 Oct 2025 10:07
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Oct 29 18:07:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
52) Acenaphthene	14.384	154	254758	4.564 ng		97
53) 3-Nitroaniline	14.201	138	40998	5.191 ng	#	90
55) Dibenzofuran	14.725	168	399319	4.735 ng		99
57) 2,4-Dinitrotoluene	14.672	165	45113	5.098 ng		98
58) Fluorene	15.384	166	311704	4.718 ng		99
59) 2,3,4,6-Tetrachlorophenol	14.948	232	51676	3.387 ng		96
60) Diethylphthalate	15.166	149	287071	4.240 ng		98
61) 4-Chlorophenyl-phenyle...	15.396	204	161882	4.907 ng		96
62) 4-Nitroaniline	15.390	138	47887	3.327 ng		90
63) Azobenzene	15.690	77	279169	4.550 ng		99
66) n-Nitrosodiphenylamine	15.595	169	260751	4.589 ng		99
67) 4-Bromophenyl-phenylether	16.307	248	93744	4.650 ng		97
68) Hexachlorobenzene	16.419	284	108797	4.741 ng		99
69) Atrazine	16.578	200	80346	4.192 ng		99
71) Phenanthrene	17.172	178	514616	4.865 ng		99
72) Anthracene	17.260	178	483312	4.609 ng		99
73) Carbazole	17.537	167	447699	4.511 ng		99
74) Di-n-butylphthalate	18.154	149	425656	3.833 ng		99
75) Fluoranthene	19.260	202	572045	4.636 ng		98
78) Pyrene	19.631	202	608386	4.441 ng		99
80) Butylbenzylphthalate	20.607	149	118757	5.554 ng		97
81) Benzo(a)anthracene	21.548	228	647742	4.653 ng		99
83) Chrysene	21.613	228	612715	4.647 ng		100
84) Bis(2-ethylhexyl)phtha...	21.525	149	229182	5.327 ng		99
87) Indeno(1,2,3-cd)pyrene	28.630	276	626036	4.030 ng		97
88) Benzo(b)fluoranthene	23.824	252	565252	4.326 ng		98
89) Benzo(k)fluoranthene	23.895	252	588563	4.411 ng		97
90) Benzo(a)pyrene	24.713	252	495105	4.124 ng		99
91) Dibenzo(a,h)anthracene	28.712	278	514485	4.069 ng		97
92) Benzo(g,h,i)perylene	29.748	276	508408	4.178 ng		98

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

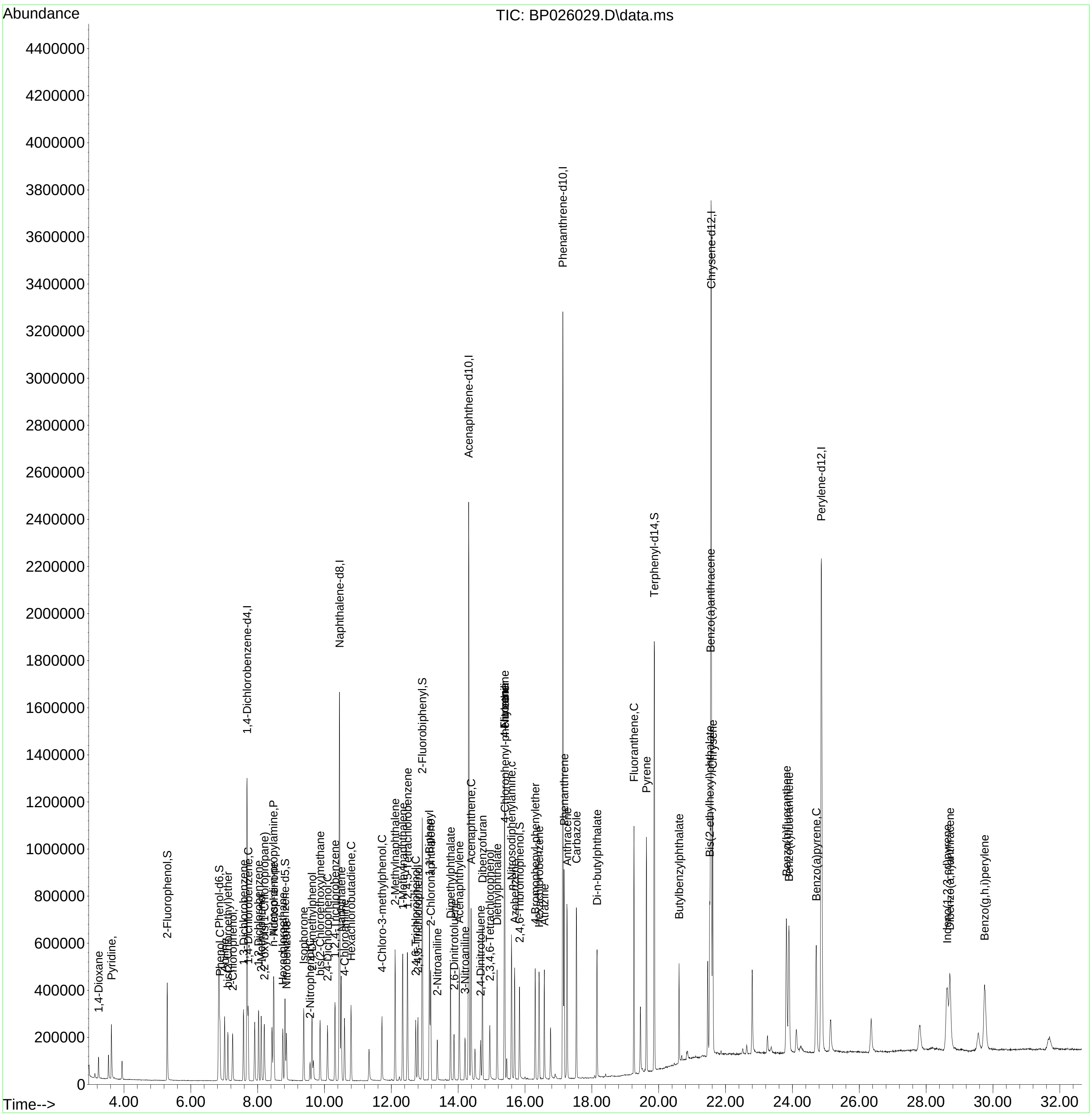
Quantitation Report (QT Reviewed)

ICAL Form

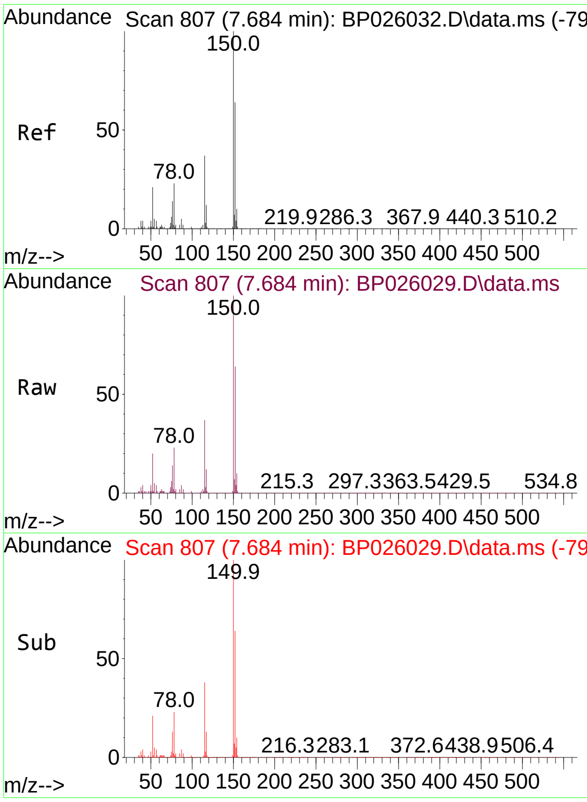
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026029.D
Acq On : 29 Oct 2025 10:07
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Oct 29 18:07:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration



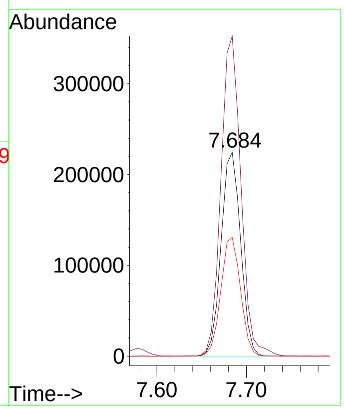
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

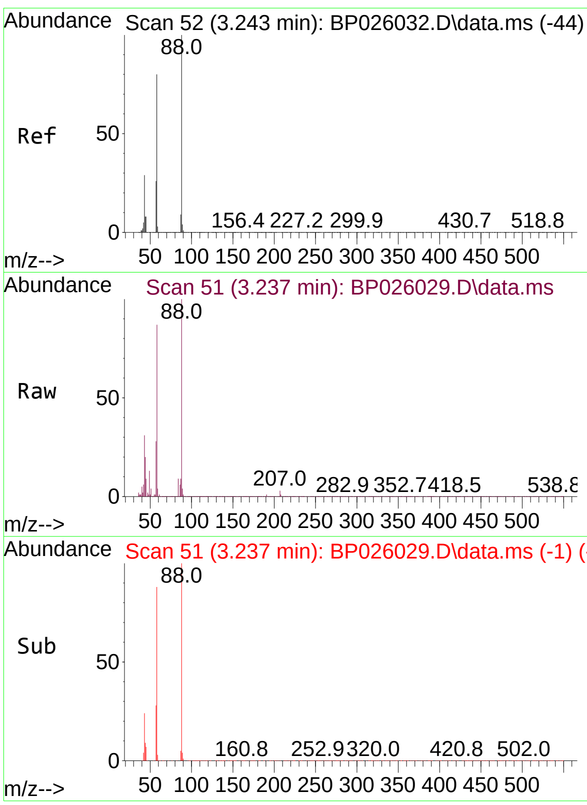


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:152 Resp: 341461

Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.7	188.5
115	58.3	46.4	69.6

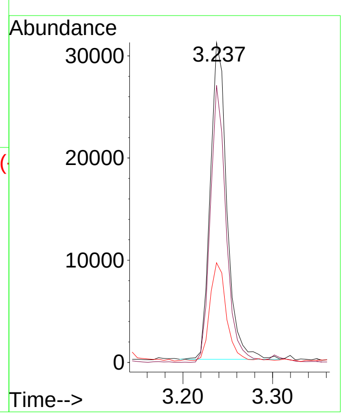




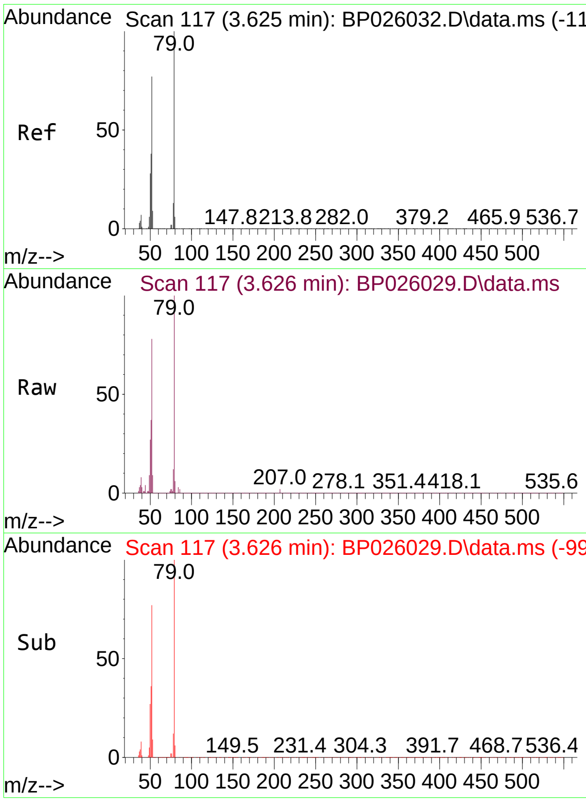
#2
1,4-Dioxane
Concen: 4.615 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 88 Resp: 40256

Ion	Ratio	Lower	Upper
88	100		
58	83.2	65.4	98.0
43	31.1	23.1	34.7



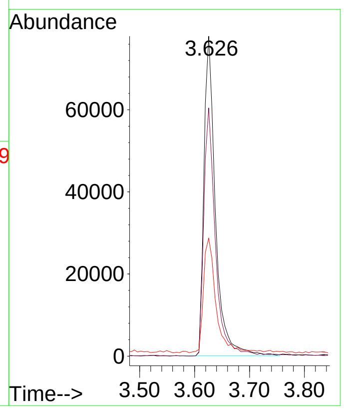
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

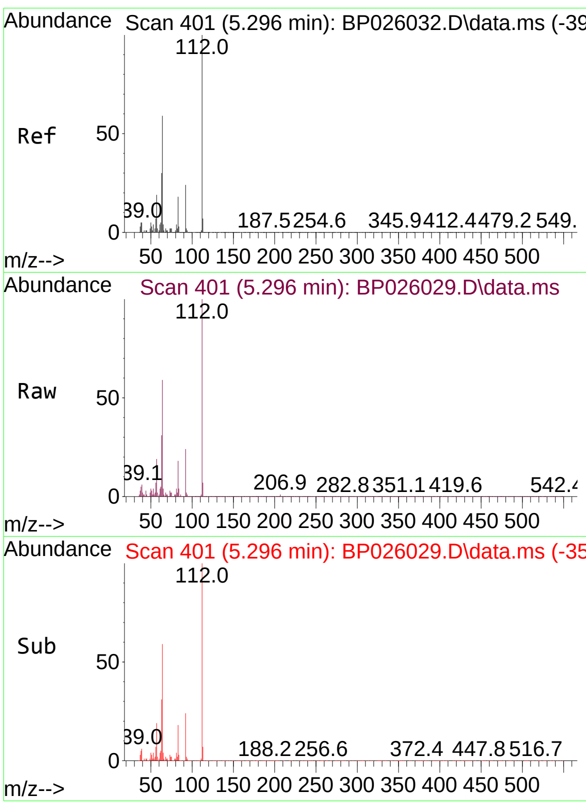


#3
Pyridine
Concen: 4.580 ng
RT: 3.626 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 79 Resp: 113576

Ion	Ratio	Lower	Upper
79	100		
52	77.6	62.0	93.0
51	36.8	30.6	46.0

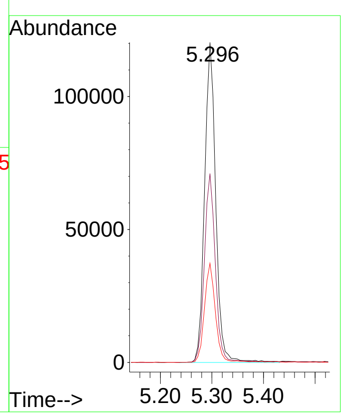




#5
2-Fluorophenol
Concen: 8.707 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:112 Resp: 180174

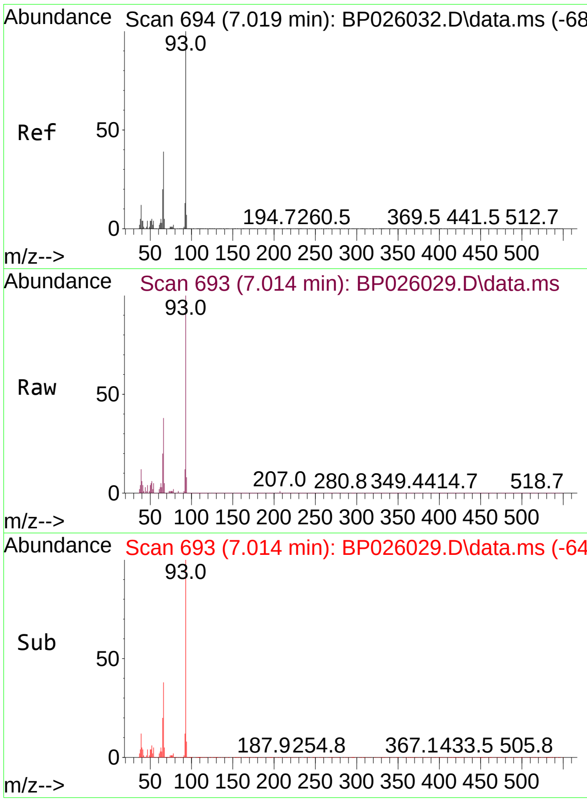
Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.4	71.2
63	31.0	24.2	36.4



ICAL Form

Instrument : BNA_P

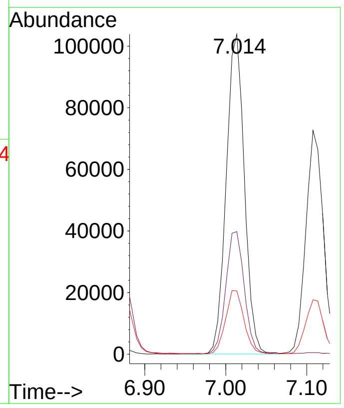
ClientSampleId : SSTDICC005

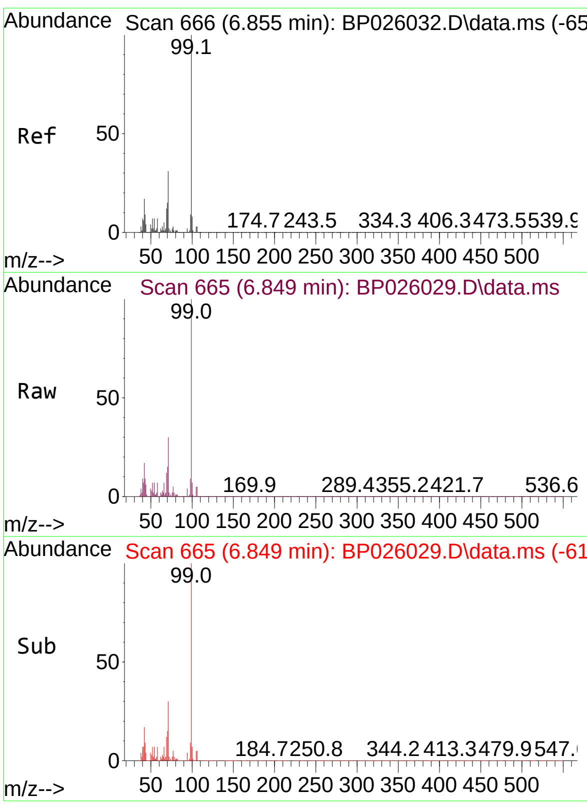


#6
Aniline
Concen: 4.598 ng
RT: 7.014 min Scan# 69
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 93 Resp: 161620

Ion	Ratio	Lower	Upper
93	100		
66	38.3	31.2	46.8
65	19.7	16.1	24.1

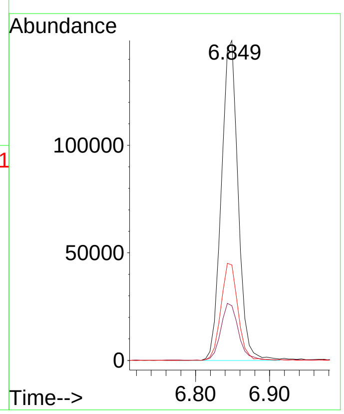




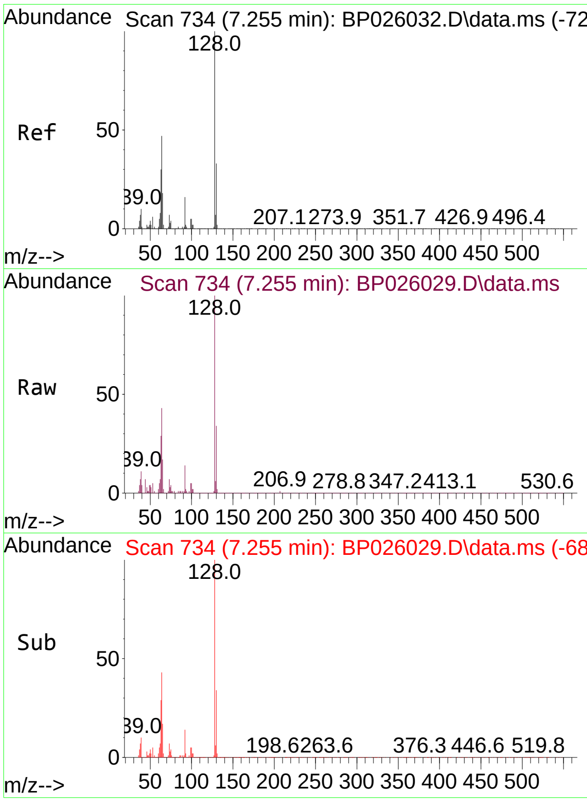
#7
Phenol-d6
Concen: 8.858 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 99 Resp: 233297

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	29.8	24.4	36.6



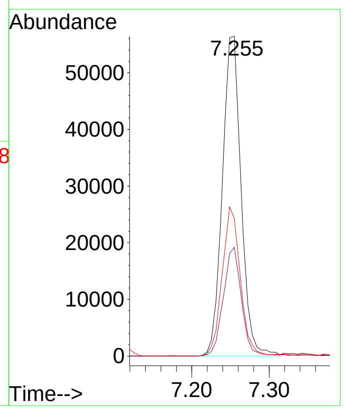
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

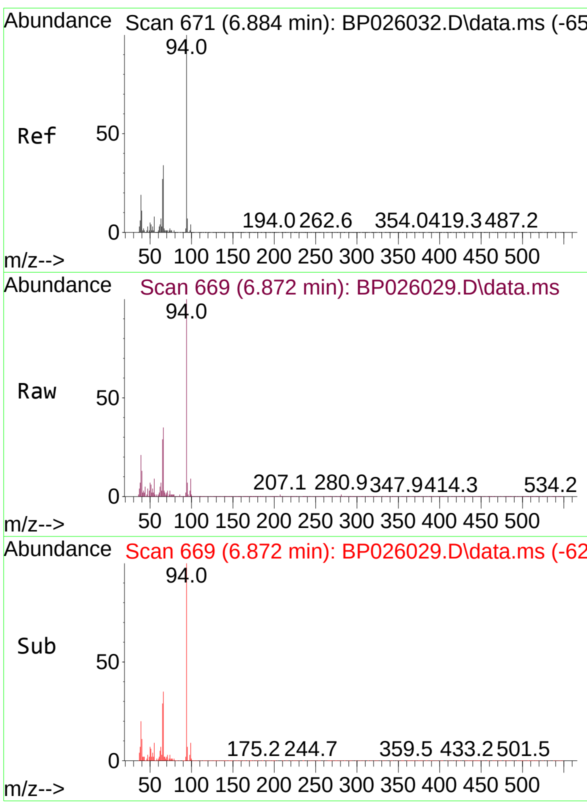


#8
2-Chlorophenol
Concen: 4.159 ng
RT: 7.255 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:128 Resp: 95293

Ion	Ratio	Lower	Upper
128	100		
130	34.0	12.7	52.7
64	43.0	27.4	67.4

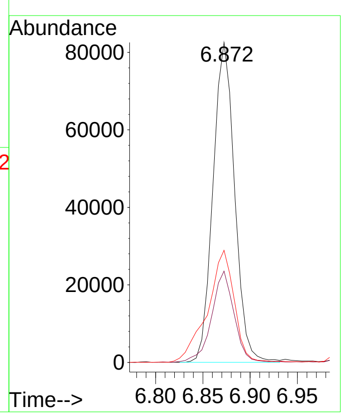




#10
Phenol
Concen: 4.502 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

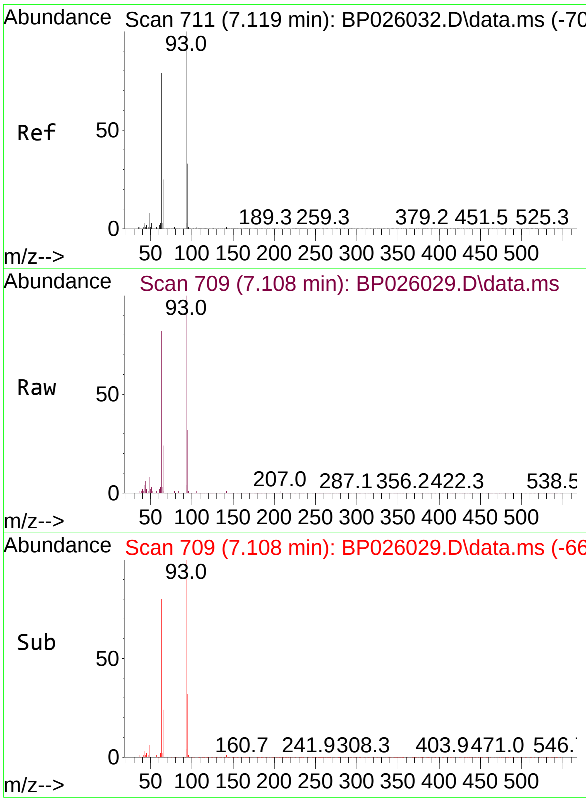
Tgt Ion: 94 Resp: 131630

Ion	Ratio	Lower	Upper
94	100		
65	28.5	7.1	47.1
66	35.0	14.4	54.4



ICAL Form

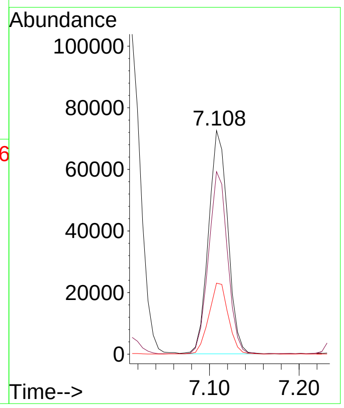
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

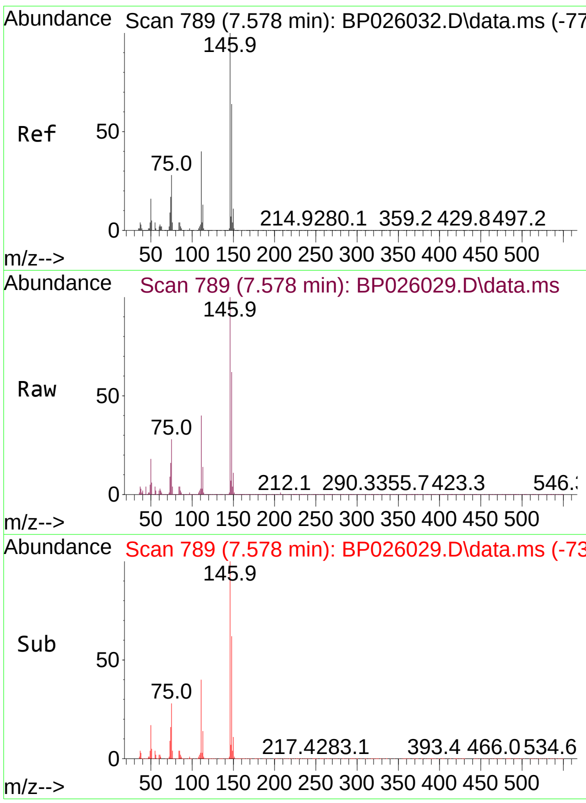


#11
bis(2-Chloroethyl)ether
Concen: 4.703 ng
RT: 7.108 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 93 Resp: 108520

Ion	Ratio	Lower	Upper
93	100		
63	81.6	59.1	99.1
95	31.7	12.6	52.6

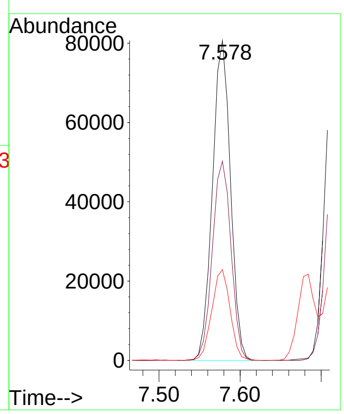




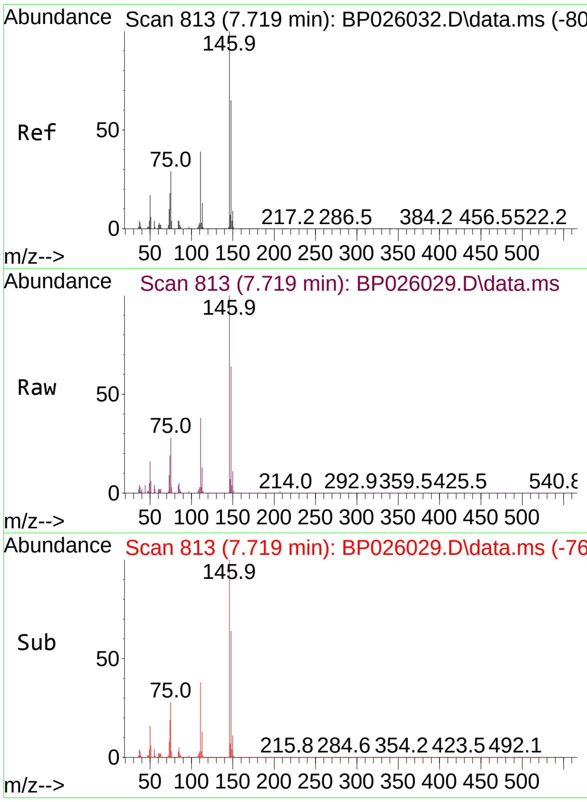
#12
1,3-Dichlorobenzene
Concen: 4.755 ng
RT: 7.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:146 Resp: 125141

Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.6	77.4
75	28.4	22.6	33.8



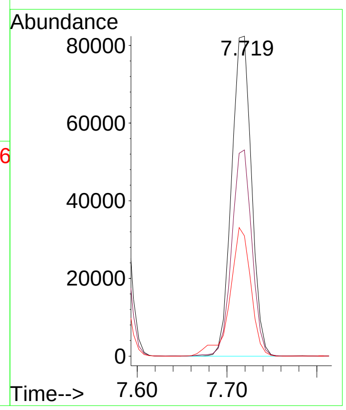
Instrument : BNA_P
ClientSampleId : SSTDICC005

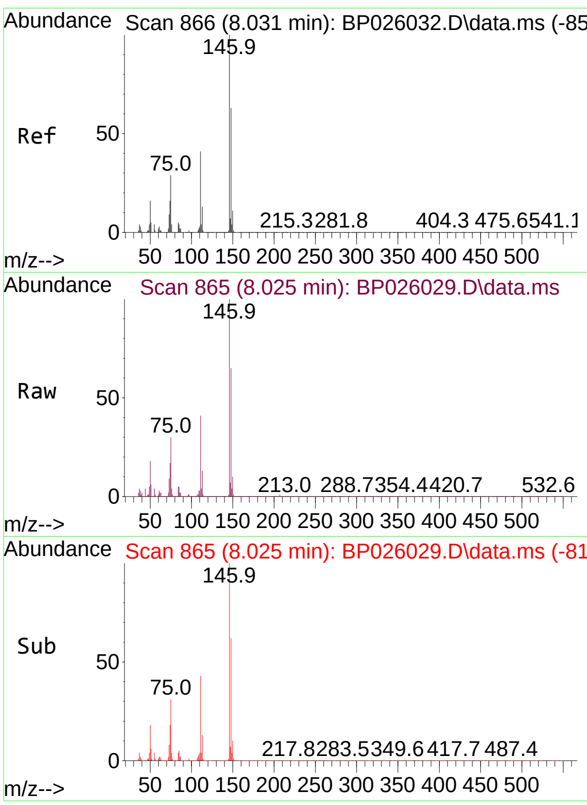


#13
1,4-Dichlorobenzene
Concen: 4.783 ng
RT: 7.719 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:146 Resp: 127251

Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
111	37.6	31.3	46.9

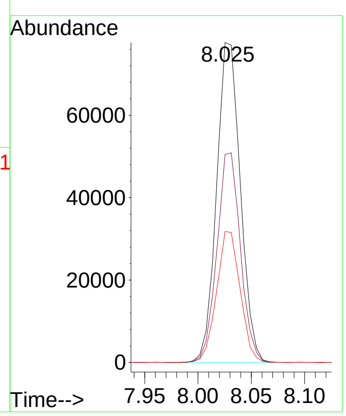




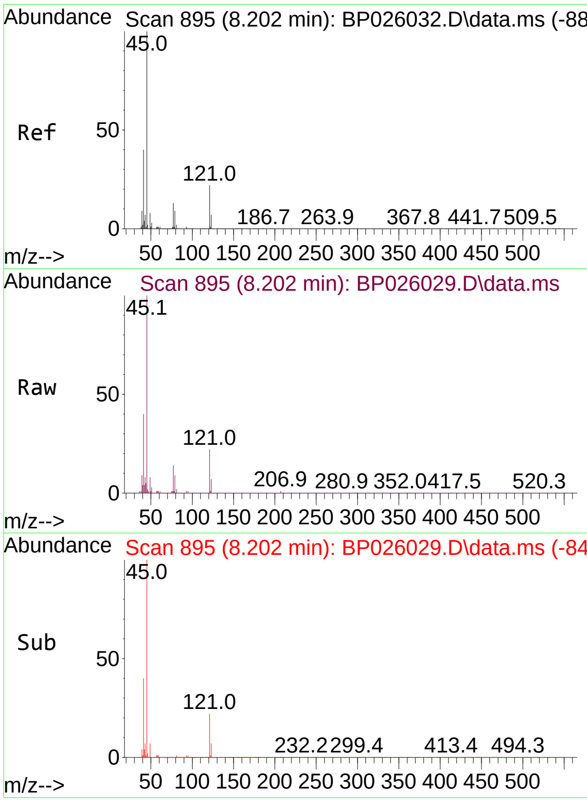
#14
1,2-Dichlorobenzene
Concen: 4.748 ng
RT: 8.025 min Scan# 865
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:146 Resp: 120561

Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	40.9	33.0	49.4



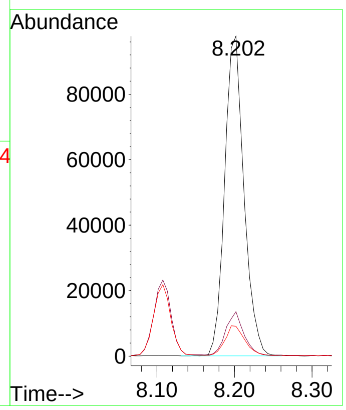
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

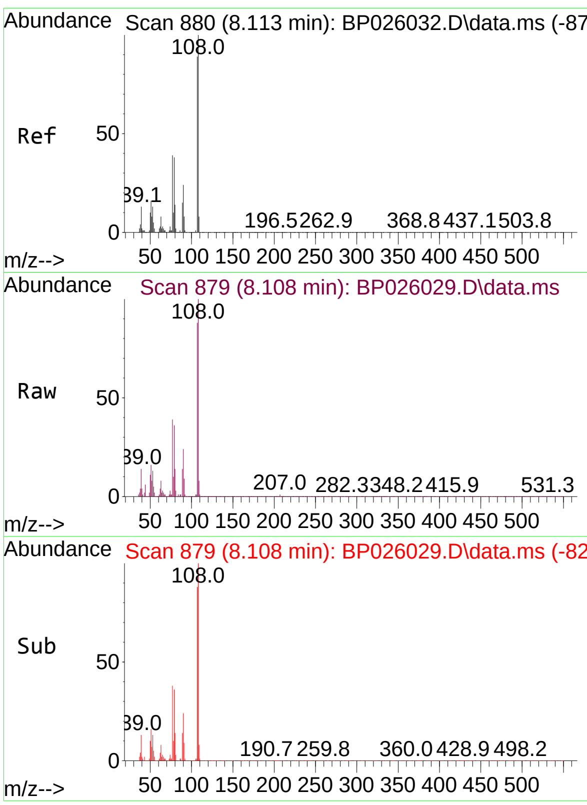


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.841 ng
RT: 8.202 min Scan# 89
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 45 Resp: 168852

Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.2
79	9.3	0.0	29.5

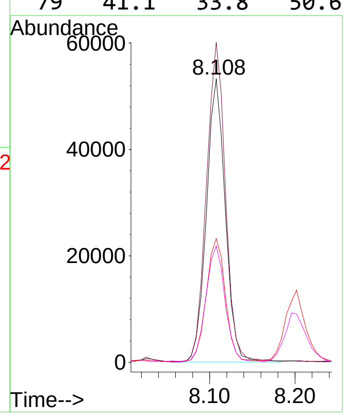




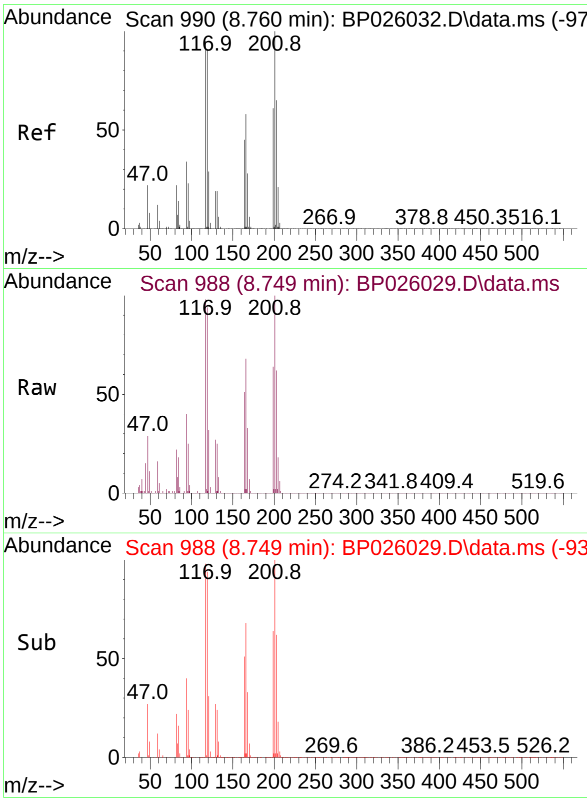
#17
2-Methylphenol
Concen: 4.270 ng
RT: 8.108 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:107 Resp: 81751

Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.8	134.8
77	43.7	34.8	52.2
79	41.1	33.8	50.6



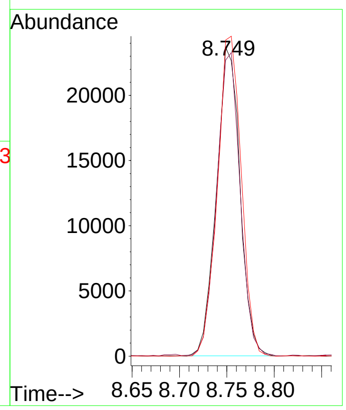
Instrument : BNA_P
ClientSampleId : SSTDICC005

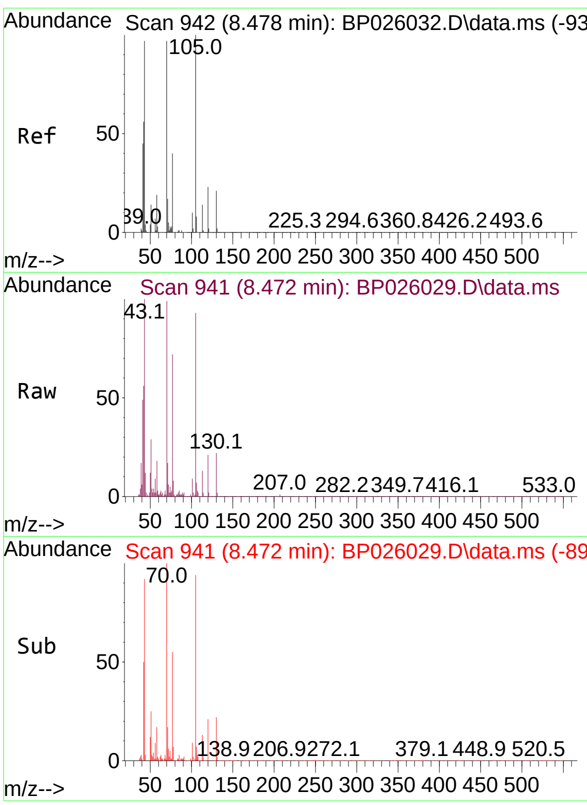


#18
Hexachloroethane
Concen: 4.506 ng
RT: 8.749 min Scan# 98
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:117 Resp: 41029

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.5	114.7
201	102.3	84.2	126.4

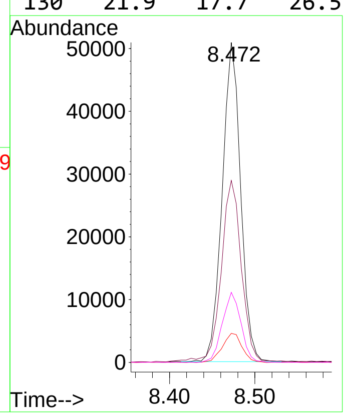




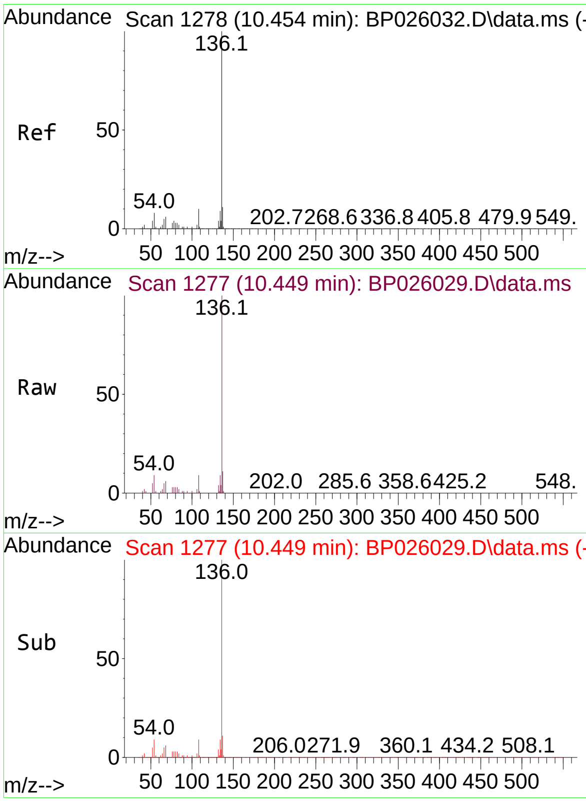
#19
n-Nitroso-di-n-propylamine
Concen: 4.669 ng
RT: 8.472 min Scan# 941
Delta R.T. -0.017 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 70 Resp: 76340

Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.2	70.8
101	9.1	8.2	12.2
130	21.9	17.7	26.5



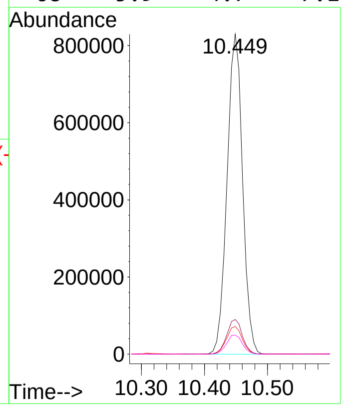
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

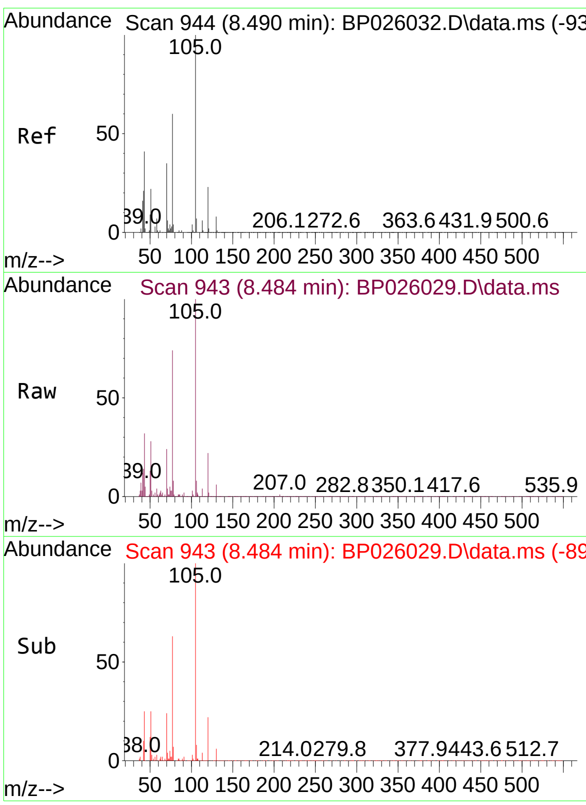


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:136 Resp: 1420199

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.6	6.6	10.0
68	5.9	4.7	7.1

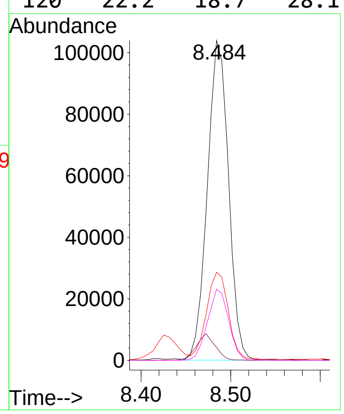




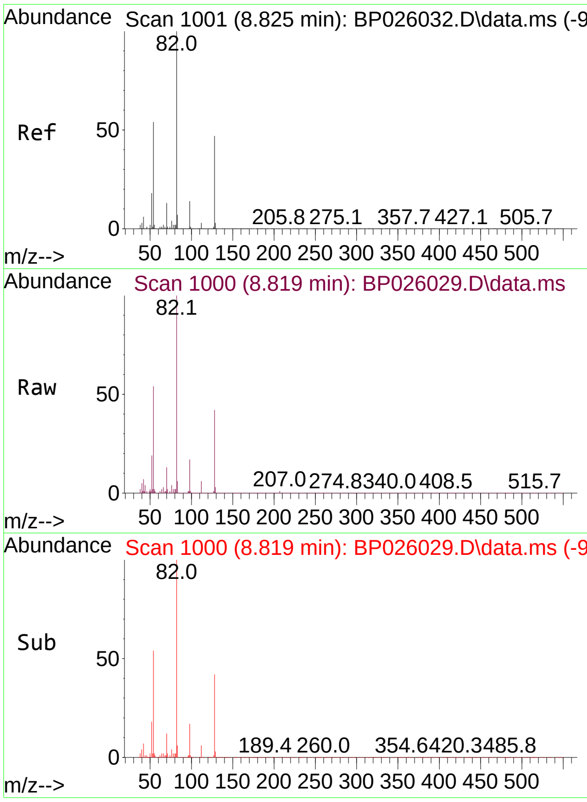
#22
Acetophenone
Concen: 4.753 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:105 Resp: 170727

Ion	Ratio	Lower	Upper
105	100		
71	4.1	4.7	7.1#
51	27.5	21.8	32.8
120	22.2	18.7	28.1



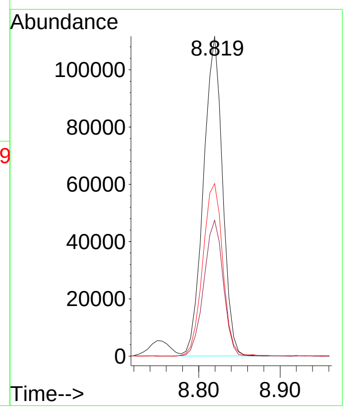
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

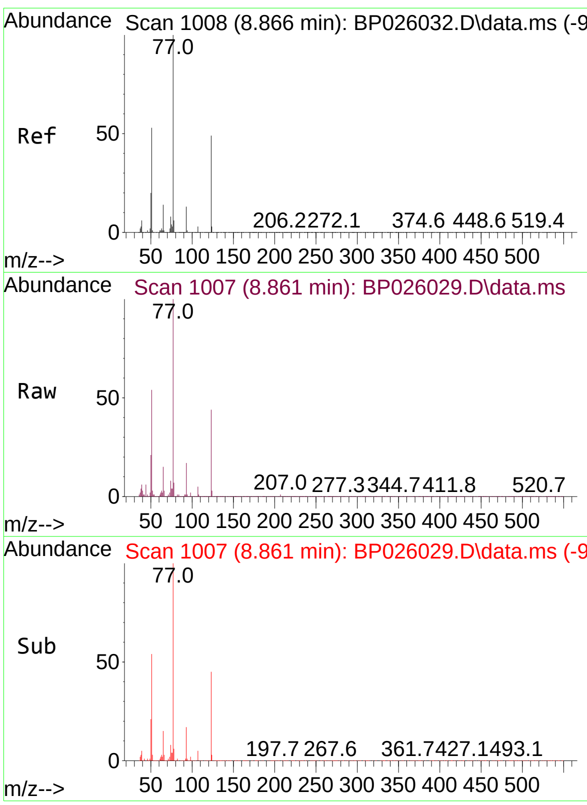


#23
Nitrobenzene-d5
Concen: 7.994 ng
RT: 8.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 82 Resp: 182124

Ion	Ratio	Lower	Upper
82	100		
128	42.5	37.4	56.0
54	53.9	42.7	64.1

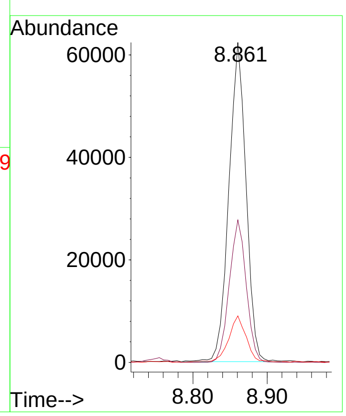




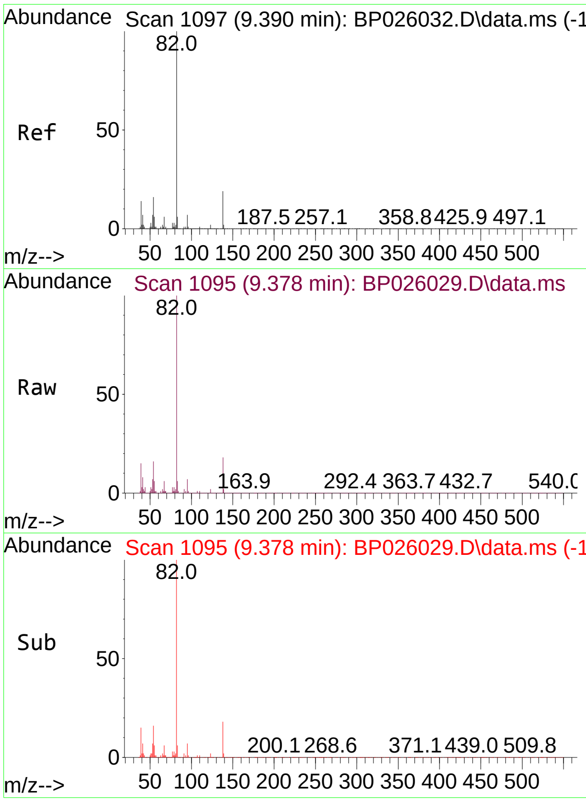
#24
Nitrobenzene
Concen: 4.161 ng
RT: 8.861 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 77 Resp: 100098

Ion	Ratio	Lower	Upper
77	100		
123	44.5	39.0	58.4
65	14.5	10.9	16.3



ICAL Form

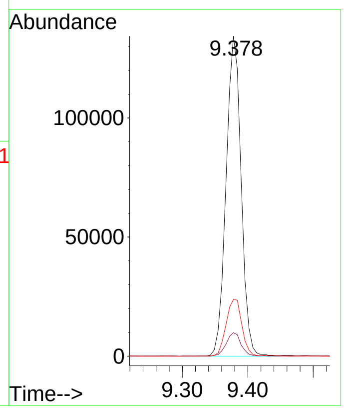


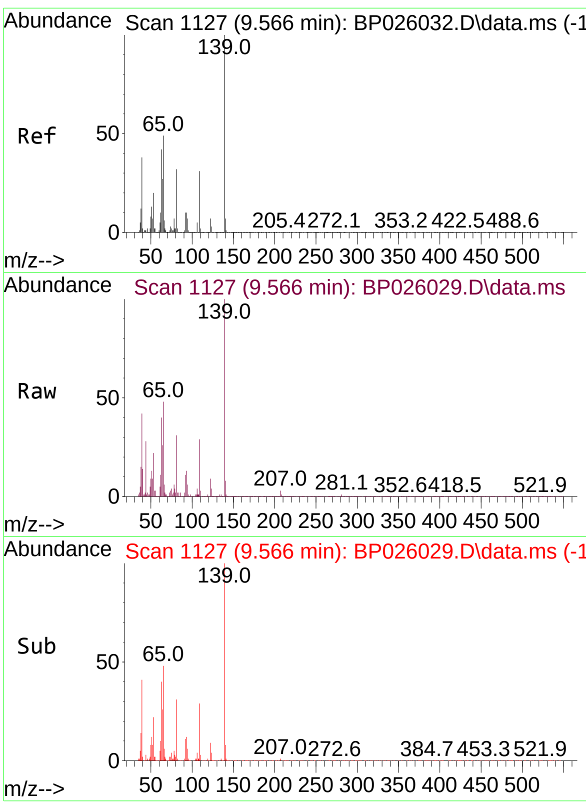
#25
Isophorone
Concen: 4.413 ng
RT: 9.378 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 215193

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.6
138	17.8	15.0	22.6

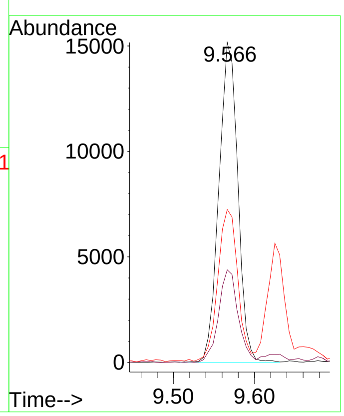




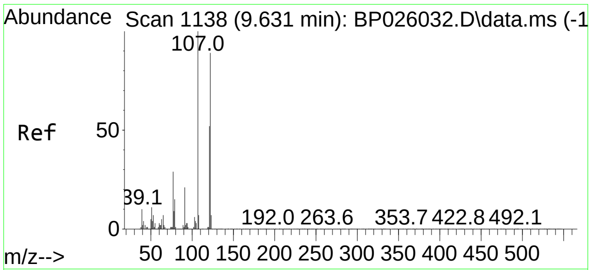
#26
2-Nitrophenol
Concen: 5.305 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

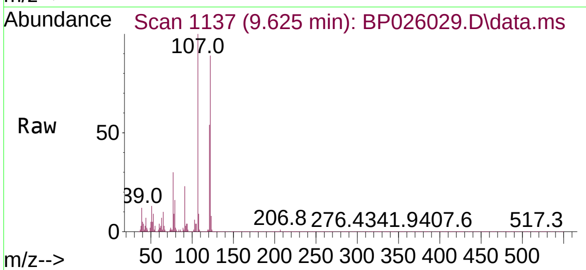
Tgt Ion:139 Resp: 24644

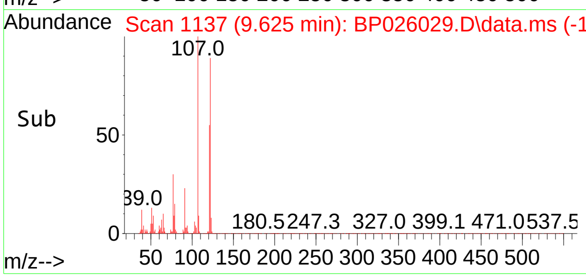
Ion	Ratio	Lower	Upper
139	100		
109	28.9	24.8	37.2
65	47.8	39.0	58.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005



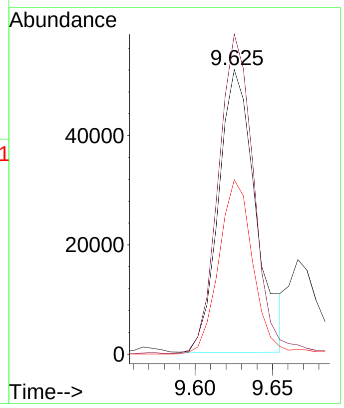


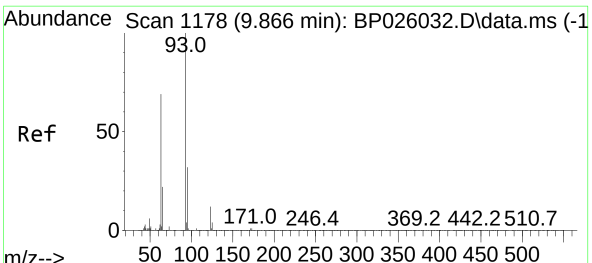


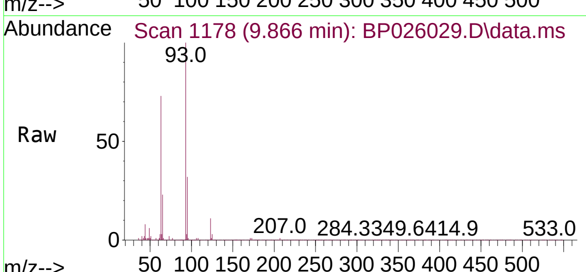
#27
2,4-Dimethylphenol
Concen: 4.212 ng
RT: 9.625 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

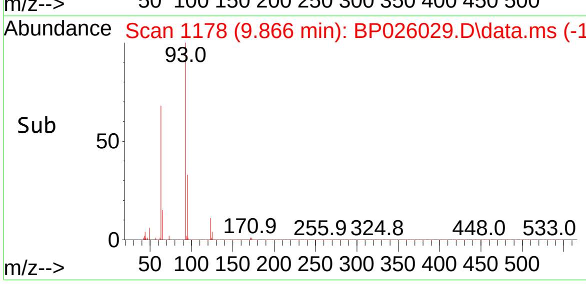
Tgt Ion:122 Resp: 86372

Ion	Ratio	Lower	Upper
122	100		
107	112.5	89.2	133.8
121	61.3	46.3	69.5





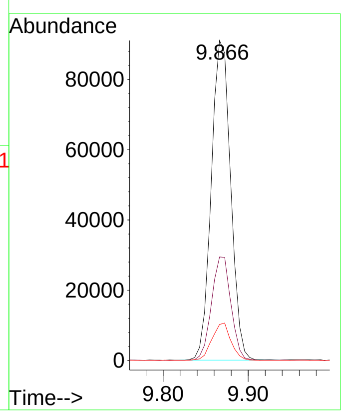




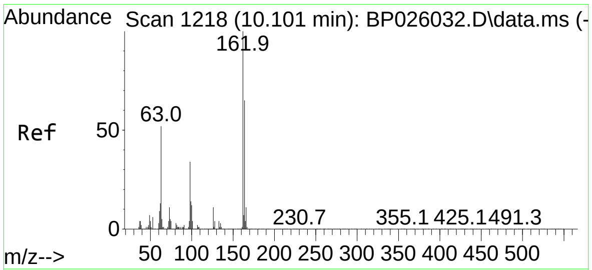
#28
bis(2-Chloroethoxy)methane
Concen: 4.695 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

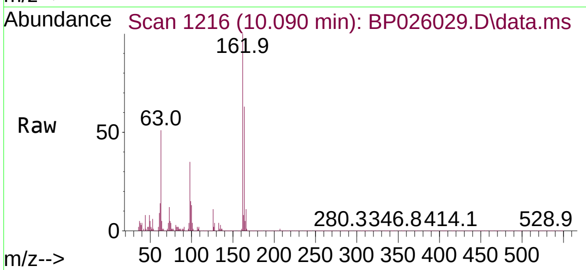
Tgt Ion: 93 Resp: 144278

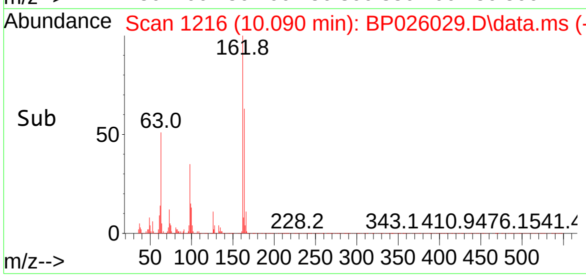
Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.6
123	11.2	9.3	13.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005



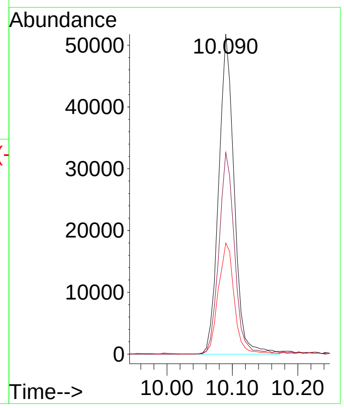


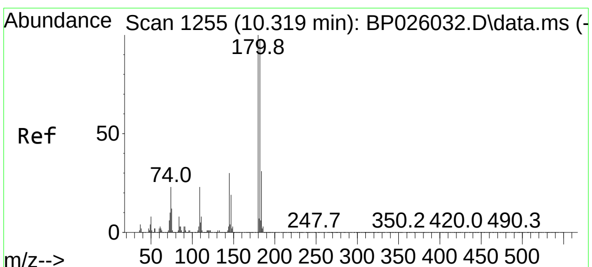


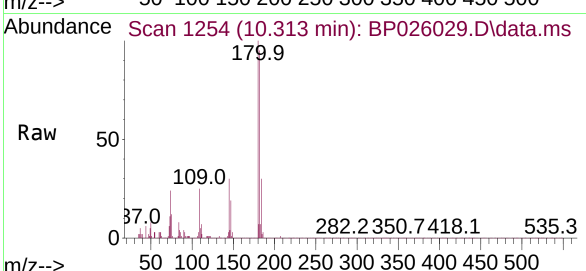
#29
2,4-Dichlorophenol
Concen: 3.946 ng
RT: 10.090 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

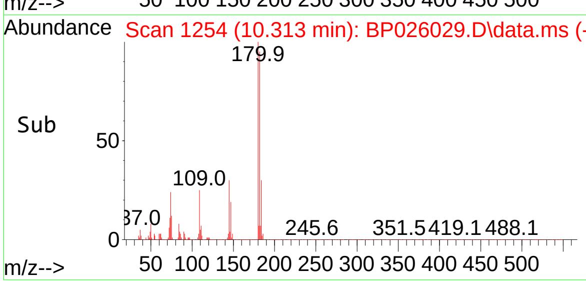
Tgt Ion:162 Resp: 85429

Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	34.7	14.0	54.0





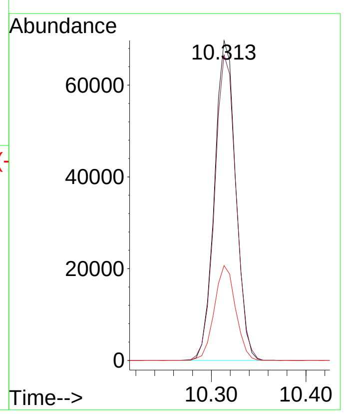




#30
1,2,4-Trichlorobenzene
Concen: 4.617 ng
RT: 10.313 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:180 Resp: 108660

Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.6	117.8
145	29.6	24.2	36.4



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Instrument :
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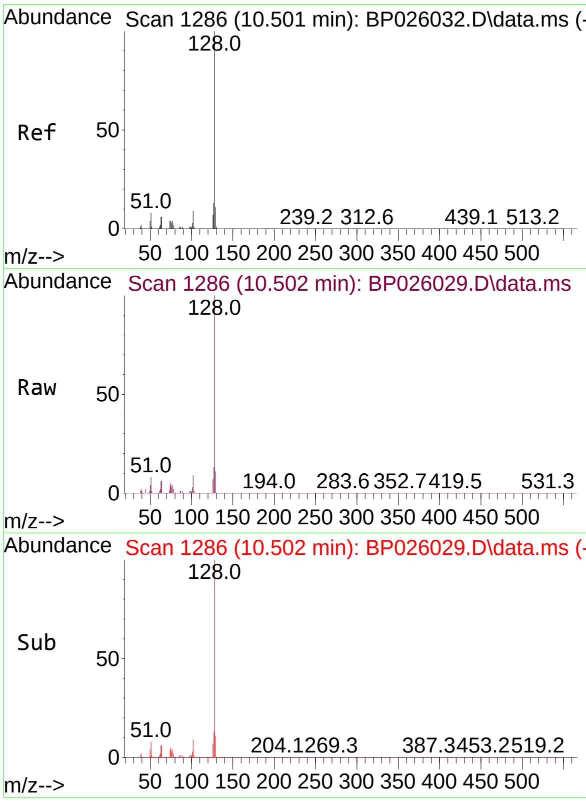
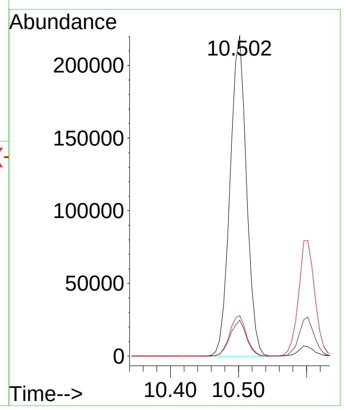
SSTDICC005

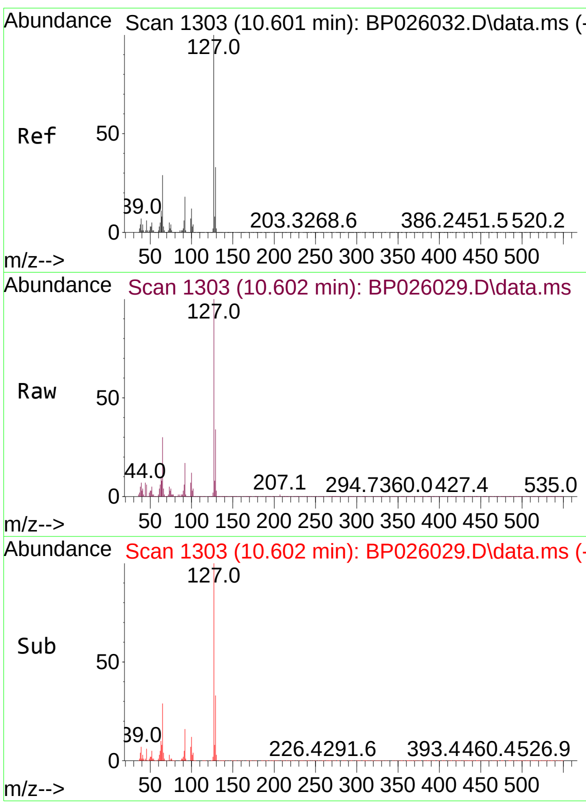


#31
Naphthalene
Concen: 4.764 ng
RT: 10.502 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:128 Resp: 368922

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	12.7	10.5	15.7

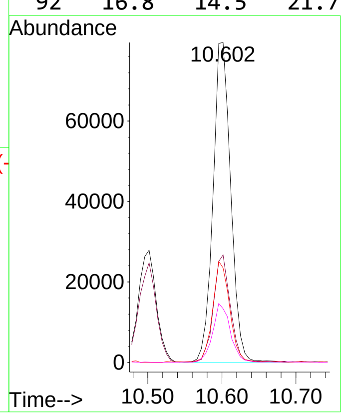




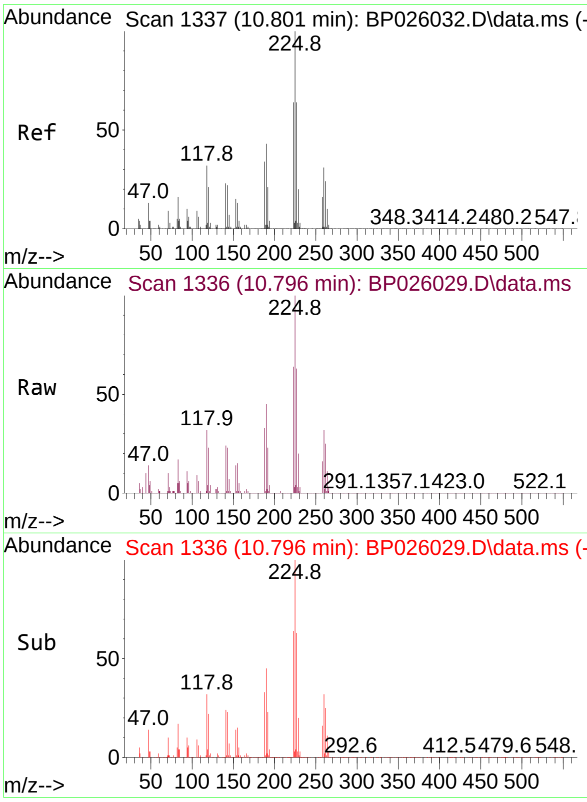
#33
4-Chloroaniline
Concen: 4.461 ng
RT: 10.602 min Scan# 1303
Delta R.T. 0.007 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:127 Resp: 132749

Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.0	39.0
65	29.5	23.2	34.8
92	16.8	14.5	21.7



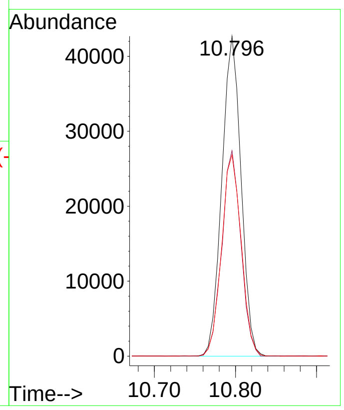
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

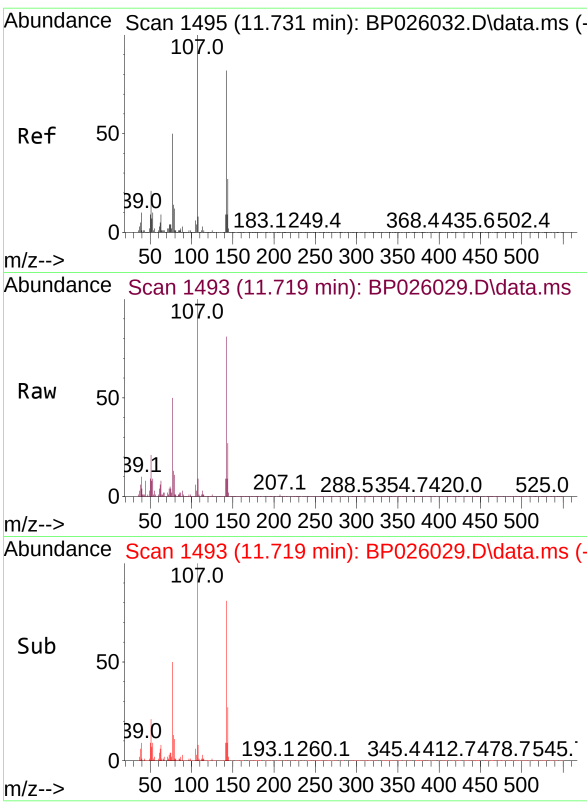


#34
Hexachlorobutadiene
Concen: 4.696 ng
RT: 10.796 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:225 Resp: 70220

Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.9	76.3
227	62.9	51.0	76.4

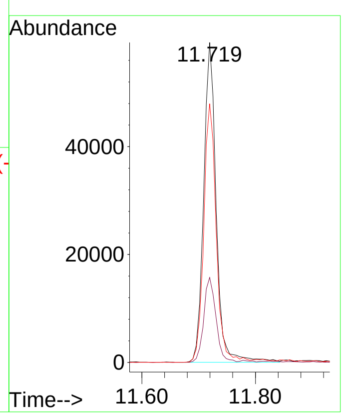




#36
4-Chloro-3-methylphenol
Concen: 4.018 ng
RT: 11.719 min Scan# 1493
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:107 Resp: 91199

Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.3	31.9
142	80.8	65.2	97.8



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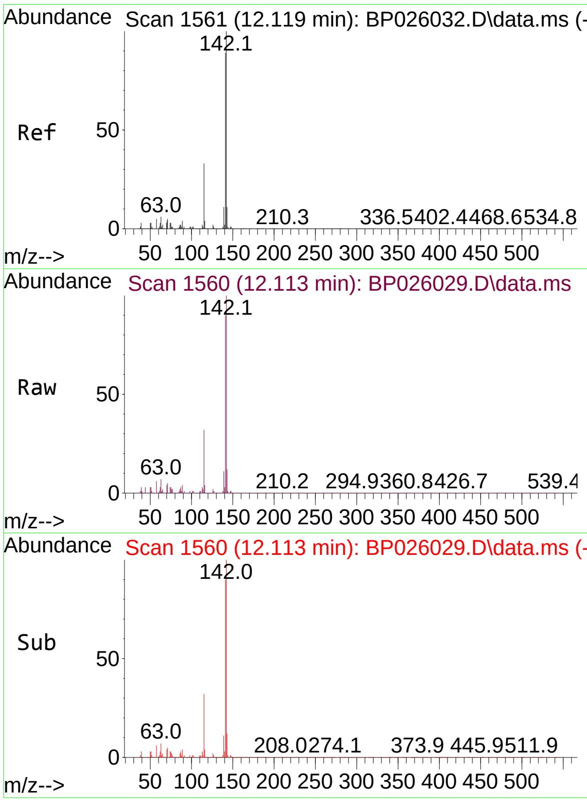
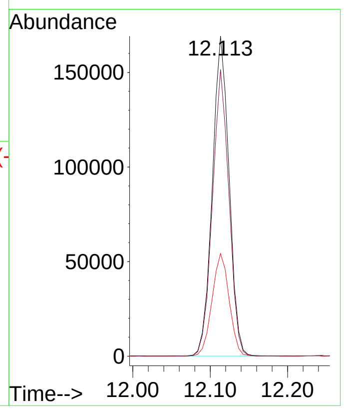
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

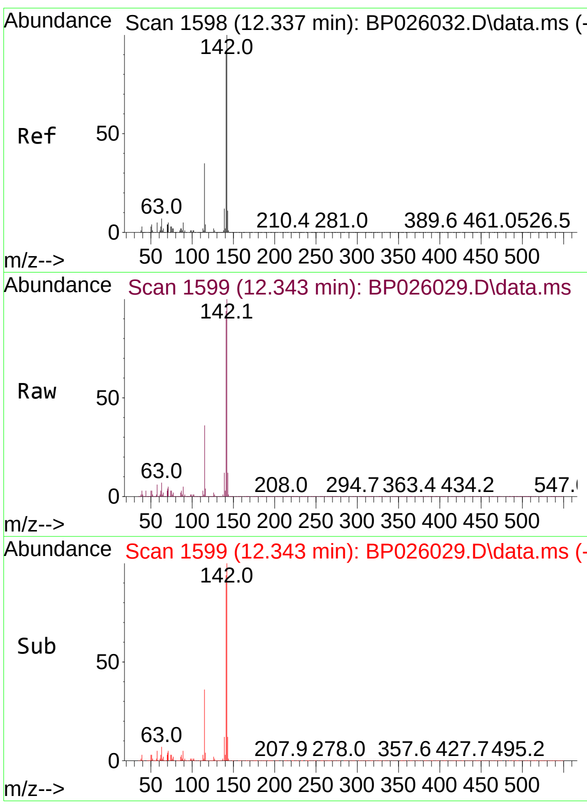


#37
2-Methylnaphthalene
Concen: 4.694 ng
RT: 12.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:142 Resp: 254416

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.6	107.4
115	32.1	26.6	39.8

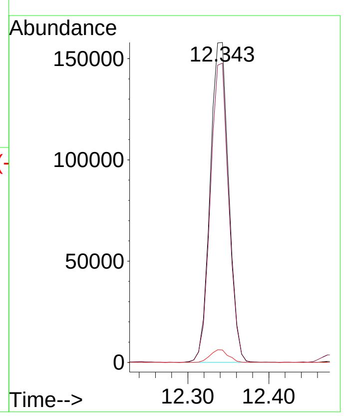




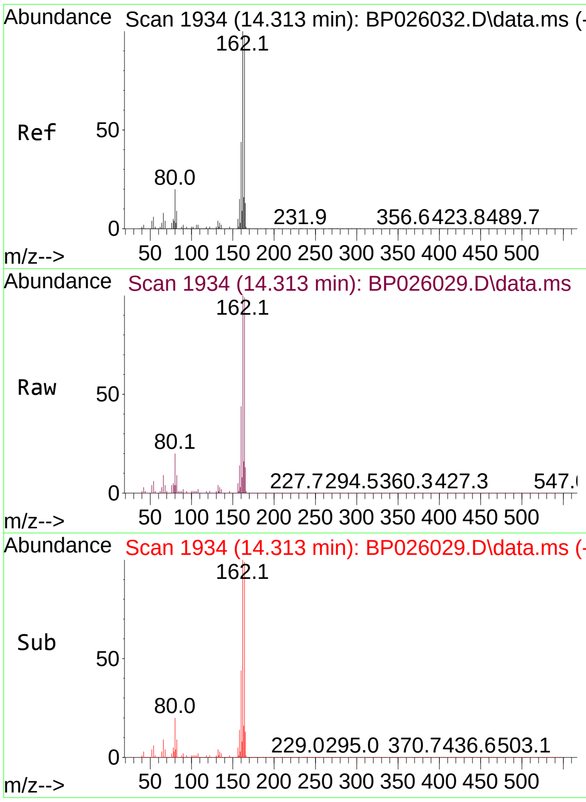
#38
1-Methylnaphthalene
Concen: 4.783 ng
RT: 12.343 min Scan# 1599
Delta R.T. 0.007 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:142 Resp: 251883

Ion	Ratio	Lower	Upper
142	100		
141	93.5	72.7	109.1
116	3.9	2.9	4.3



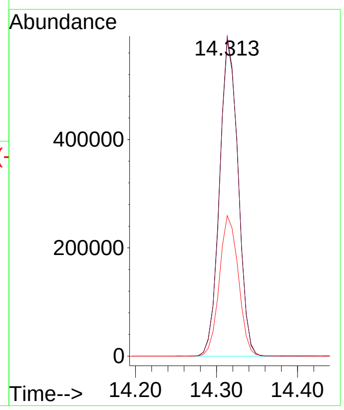
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

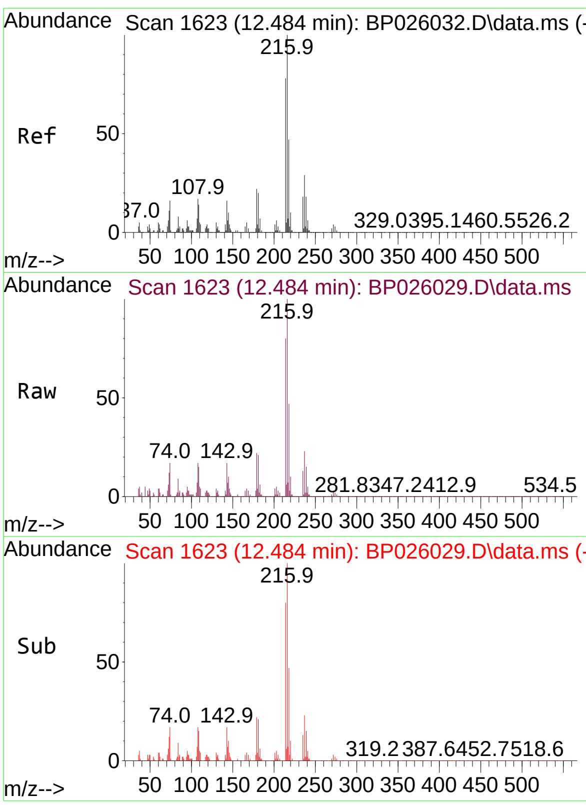


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:164 Resp: 925892

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.5	122.3
160	44.5	36.2	54.4

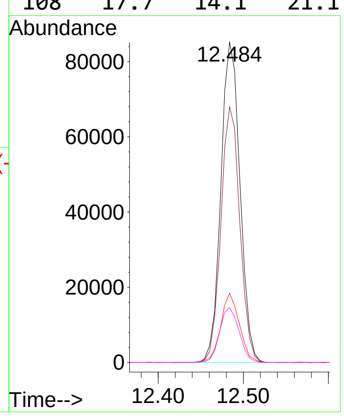




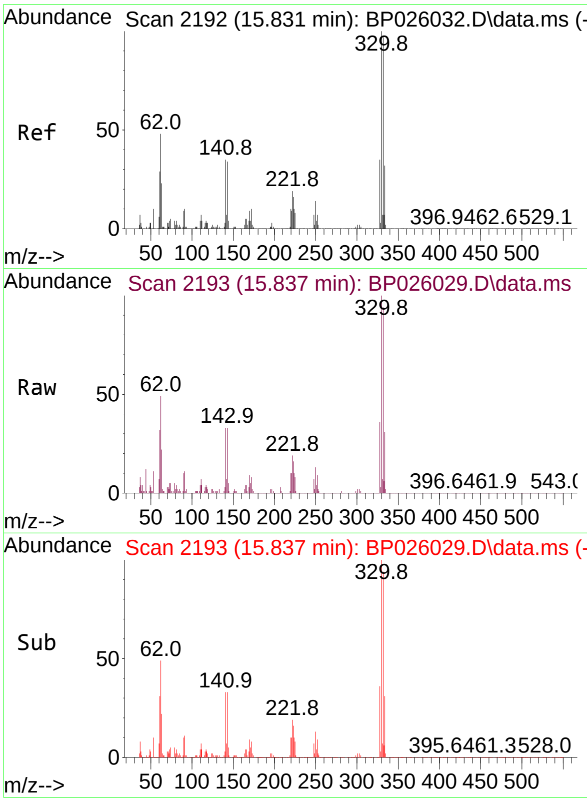
#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.615 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:216 Resp: 132759

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.9	94.3
179	20.8	16.9	25.3
108	17.7	14.1	21.1



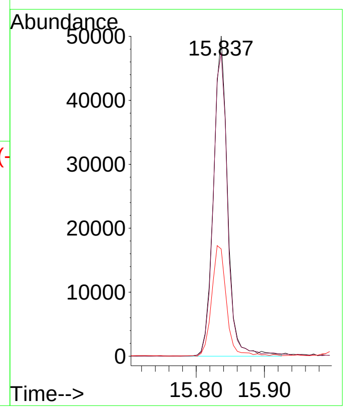
Instrument : BNA_P
ClientSampleId : SSTDICC005

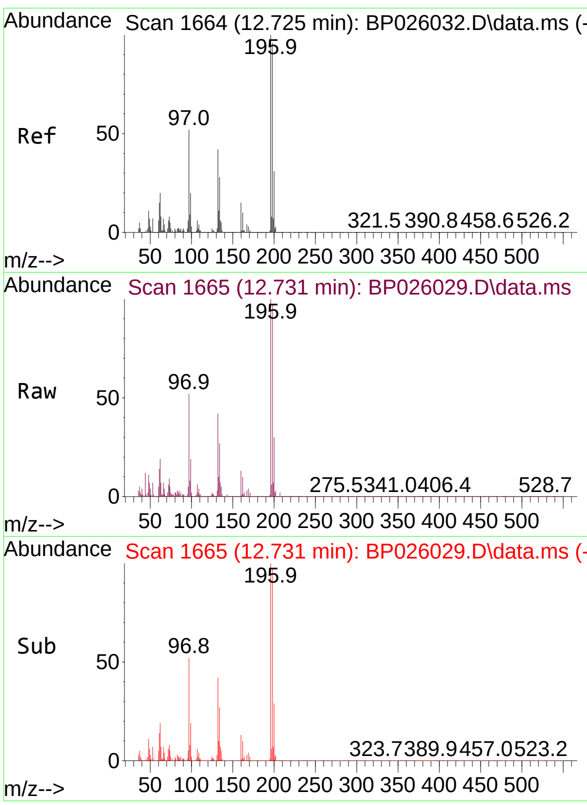


#42
2,4,6-Tribromophenol
Concen: 7.179 ng
RT: 15.837 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:330 Resp: 71861

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	35.9	28.6	42.8

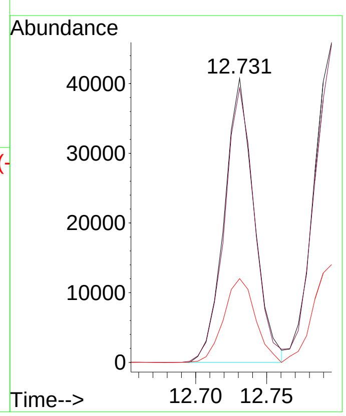


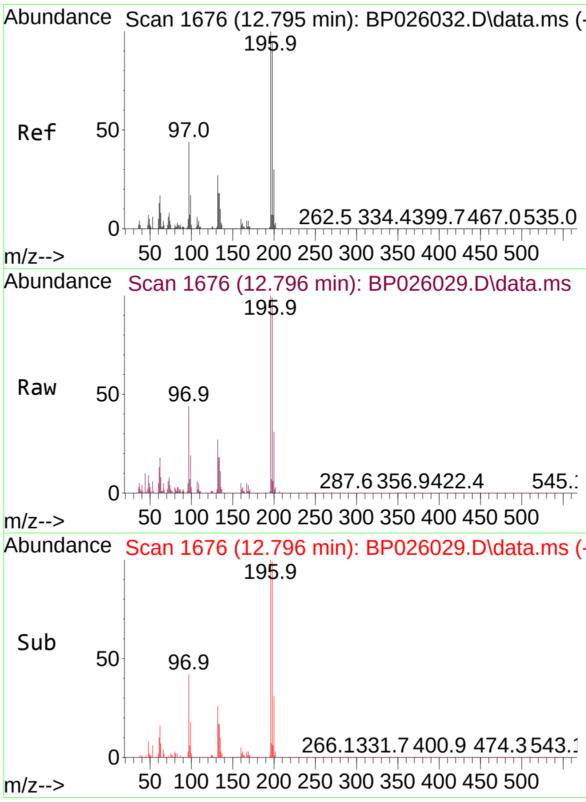


#43
2,4,6-Trichlorophenol
Concen: 3.479 ng
RT: 12.731 min Scan# 1665
Delta R.T. 0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:196 Resp: 59158

Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.5	114.7
200	29.5	24.4	36.6



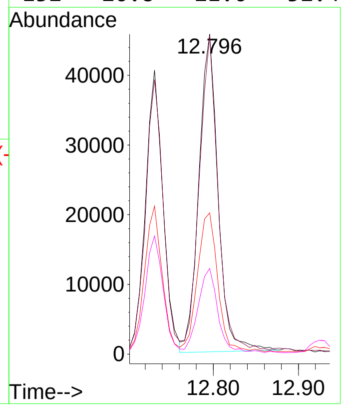


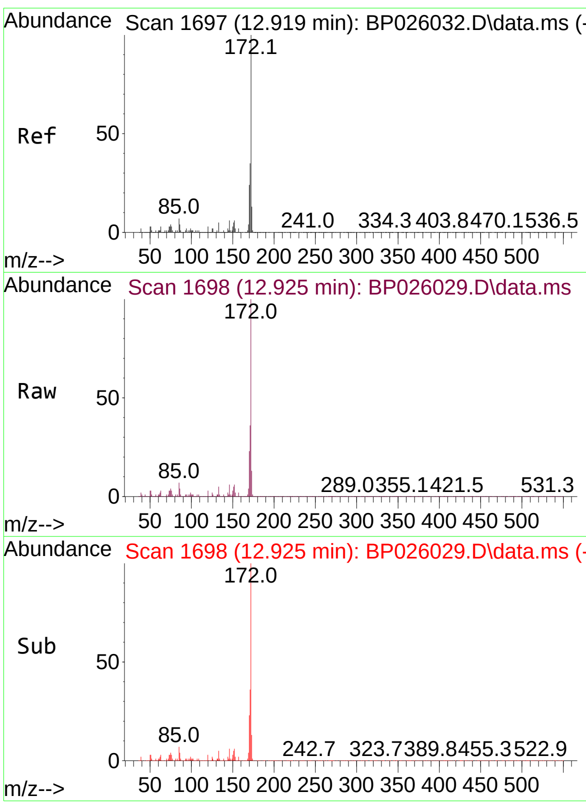
#44
2,4,5-Trichlorophenol
Concen: 3.690 ng
RT: 12.796 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 71602

Ion	Ratio	Lower	Upper
196	100		
198	99.4	75.1	112.7
97	44.1	35.5	53.3
132	26.8	21.6	32.4

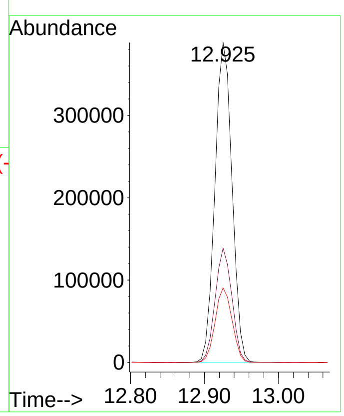




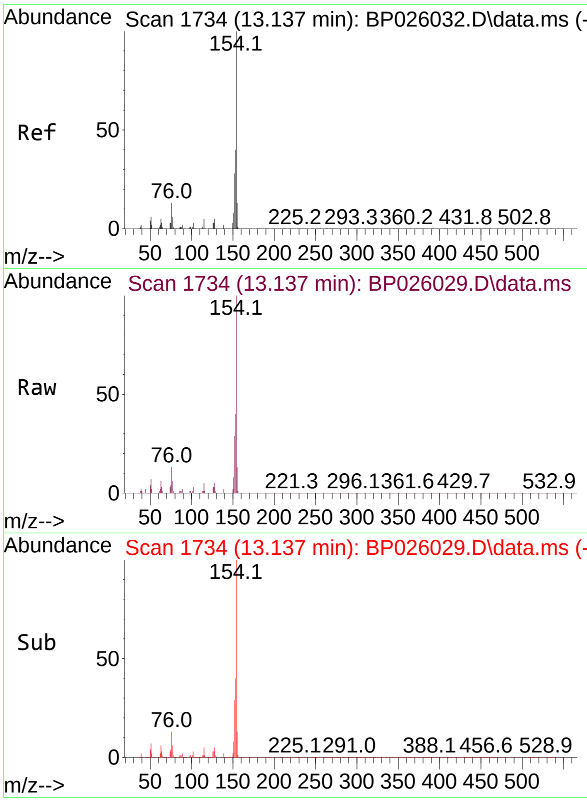
#45
2-Fluorobiphenyl
Concen: 9.698 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:172 Resp: 624927

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	23.3	19.0	28.4



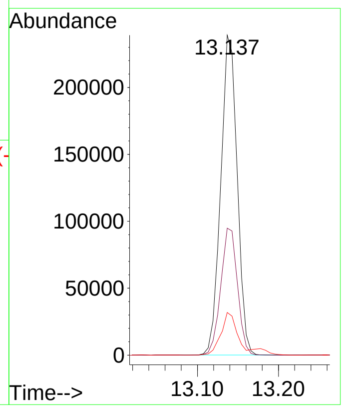
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

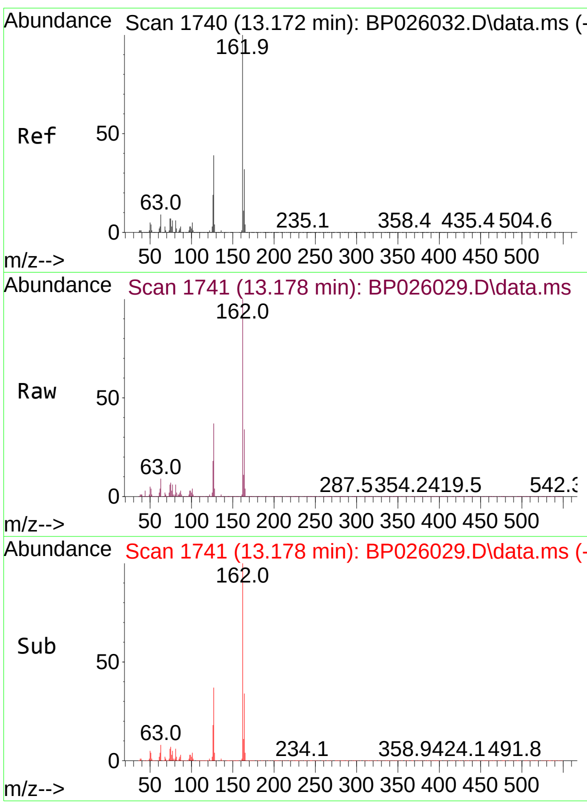


#46
1,1'-Biphenyl
Concen: 4.747 ng
RT: 13.137 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:154 Resp: 336536

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.2	60.2
76	13.3	0.0	32.8

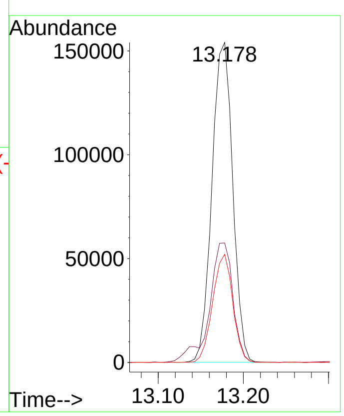




#47
2-Chloronaphthalene
Concen: 4.691 ng
RT: 13.178 min Scan# 1741
Delta R.T. 0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:162 Resp: 261657

Ion	Ratio	Lower	Upper
162	100		
127	37.3	31.4	47.2
164	33.8	25.9	38.9



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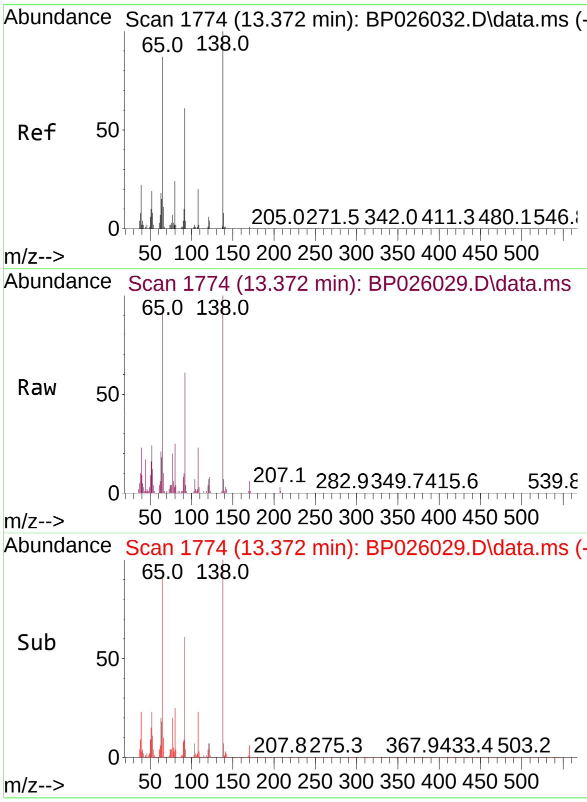
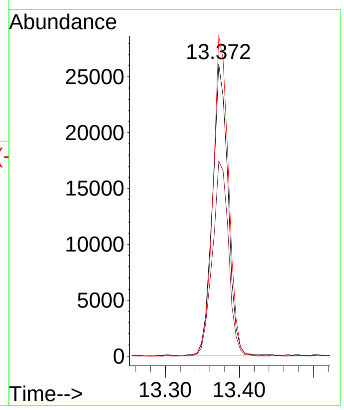
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

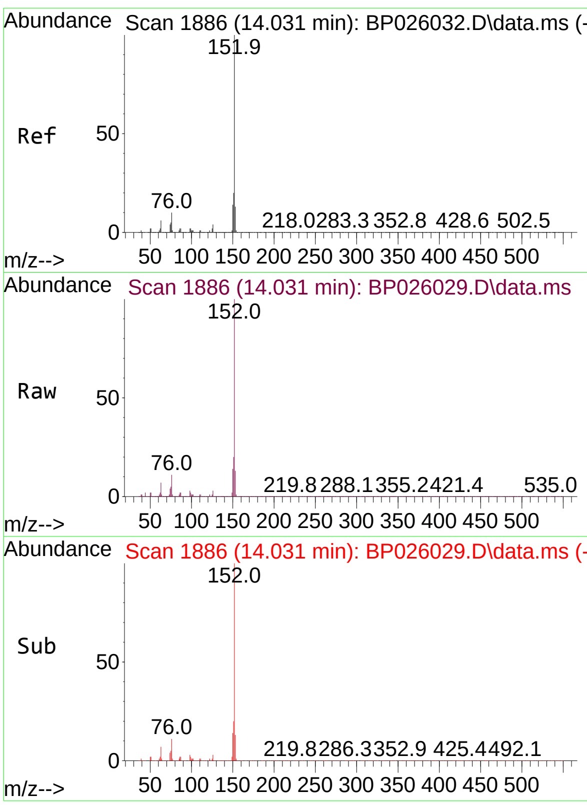


#48
2-Nitroaniline
Concen: 5.289 ng
RT: 13.372 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 65 Resp: 38315

Ion	Ratio	Lower	Upper
65	100		
92	66.7	55.5	83.3
138	109.5	91.7	137.5

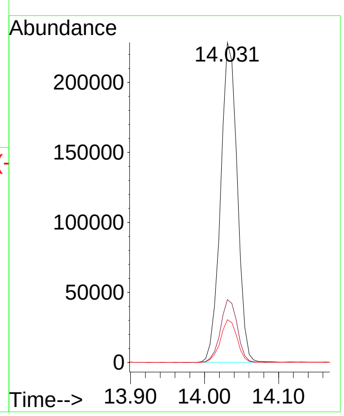




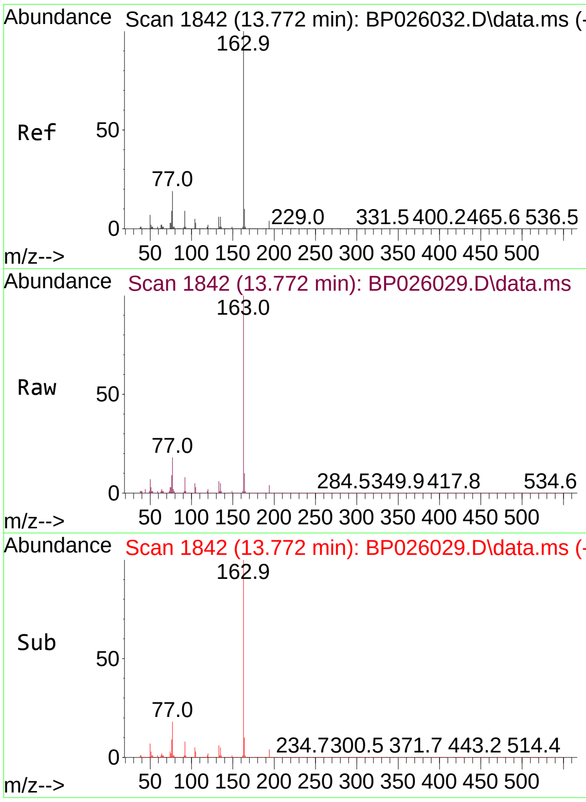
#49
Acenaphthylene
Concen: 4.405 ng
RT: 14.031 min Scan# 1886
Delta R.T. -0.005 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:152 Resp: 358129

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.3	10.6	16.0



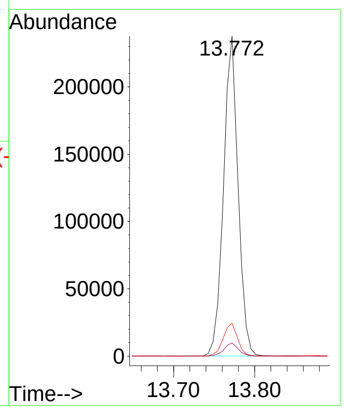
Instrument : BNA_P
ClientSampleId : SSTDICC005

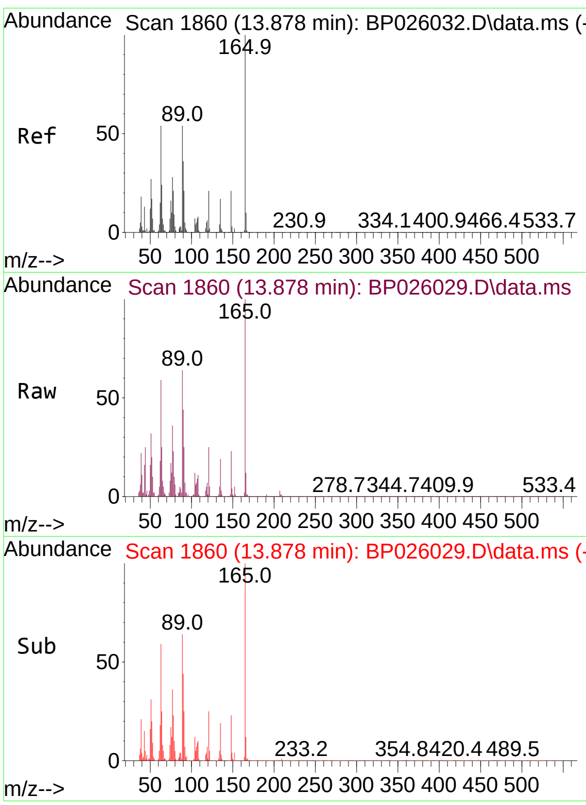


#50
Dimethylphthalate
Concen: 4.405 ng
RT: 13.772 min Scan# 18[illegible]
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:163 Resp: 296661

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	8.2	12.2

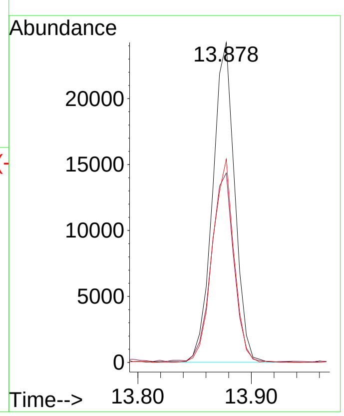




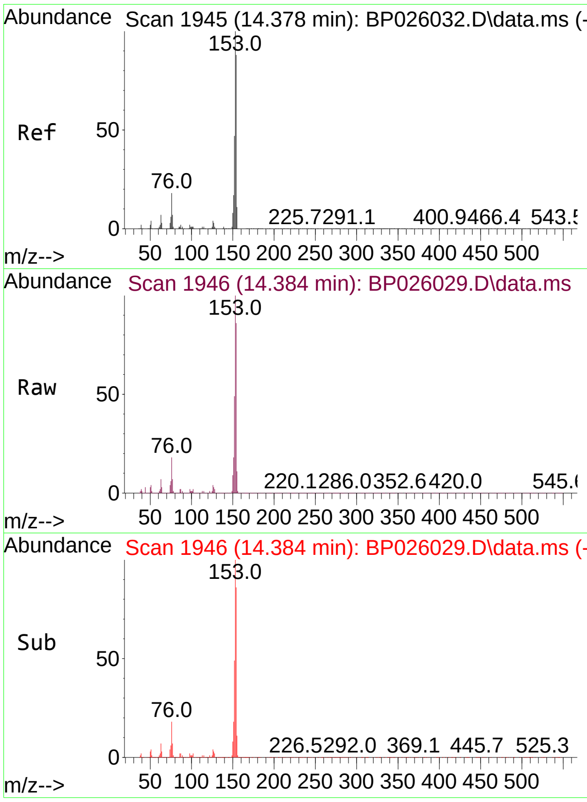
#51
2,6-Dinitrotoluene
Concen: 5.334 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:165 Resp: 32784

Ion	Ratio	Lower	Upper
165	100		
63	59.2	43.0	64.4
89	63.6	43.0	64.4



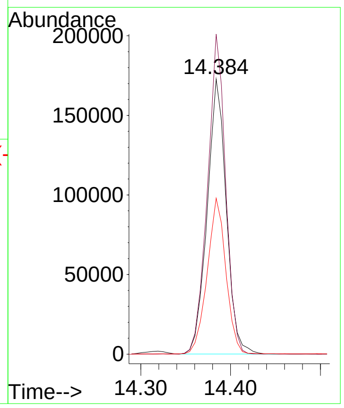
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

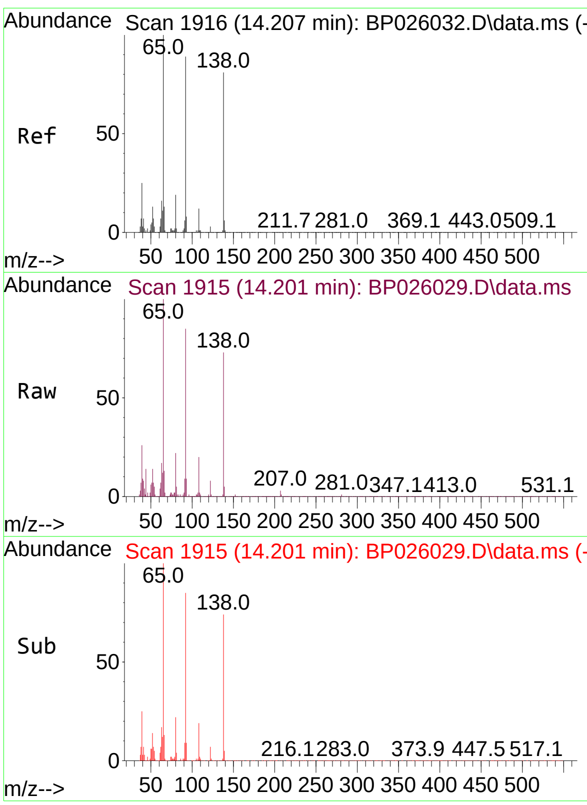


#52
Acenaphthene
Concen: 4.564 ng
RT: 14.384 min Scan# 19
Delta R.T. 0.001 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:154 Resp: 254758

Ion	Ratio	Lower	Upper
154	100		
153	116.3	91.0	136.4
152	56.7	42.7	64.1

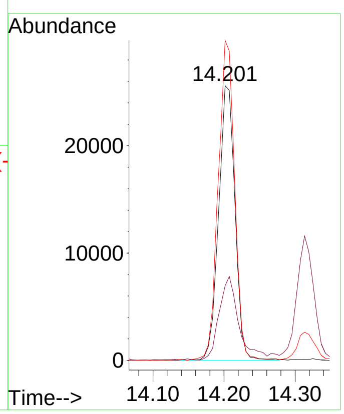




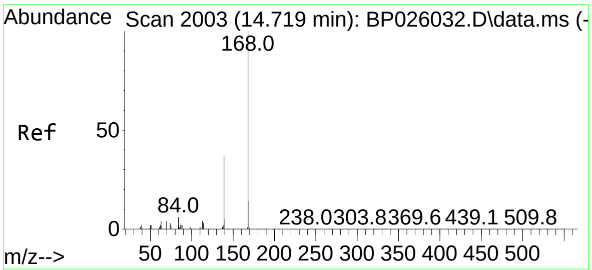
#53
3-Nitroaniline
Concen: 5.191 ng
RT: 14.201 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

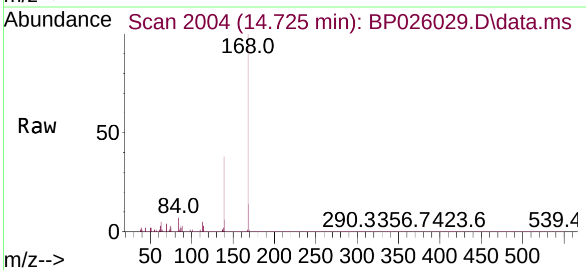
Tgt Ion:138 Resp: 40998

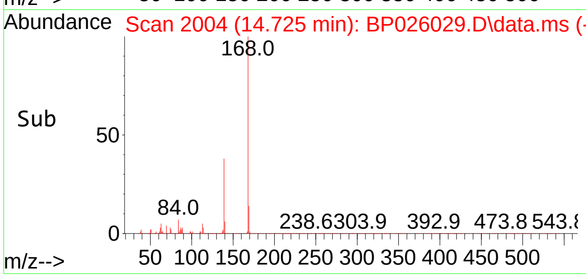
Ion	Ratio	Lower	Upper
138	100		
108	27.2	11.4	17.0#
92	116.5	87.1	130.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005



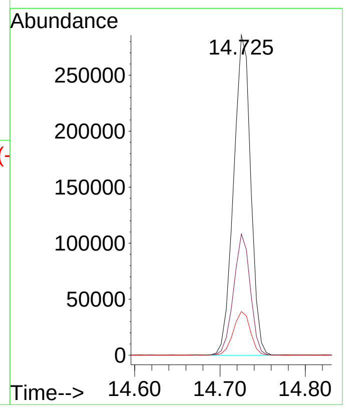


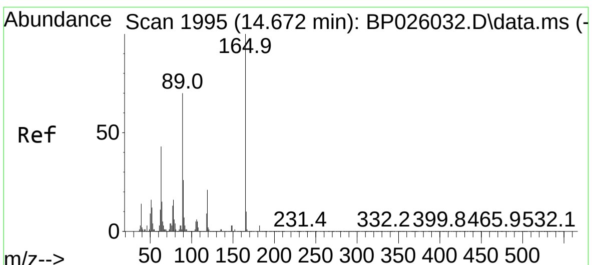


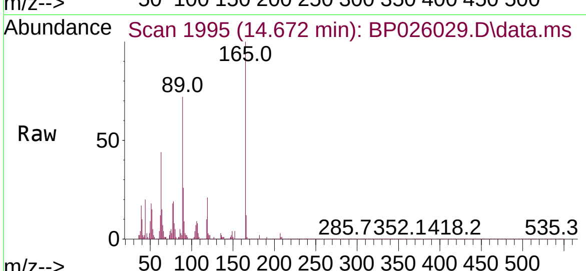
#55
Dibenzofuran
Concen: 4.735 ng
RT: 14.725 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

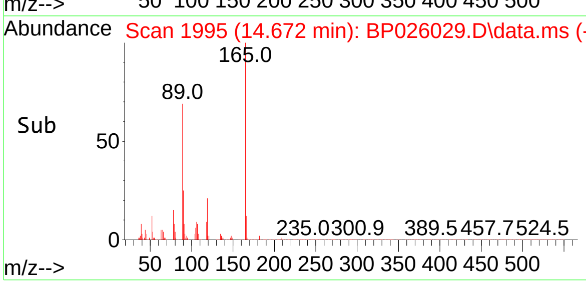
Tgt Ion:168 Resp: 399319

Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.7	44.5
169	13.6	11.0	16.4





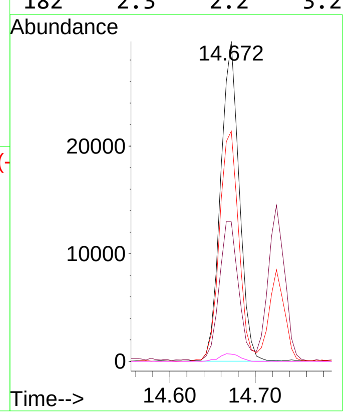




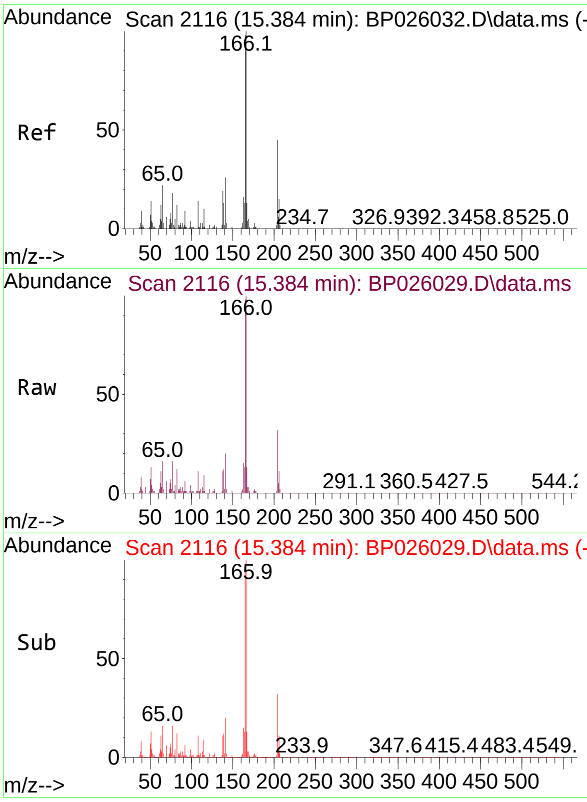
#57
2,4-Dinitrotoluene
Concen: 5.098 ng
RT: 14.672 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:165 Resp: 45113

Ion	Ratio	Lower	Upper
165	100		
63	43.6	34.2	51.2
89	72.0	56.0	84.0
182	2.3	2.2	3.2



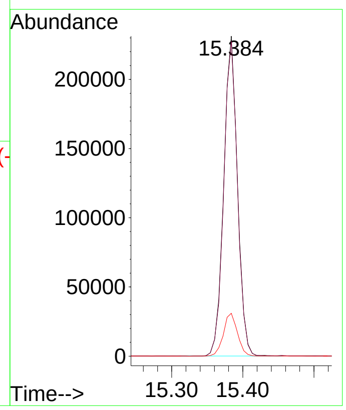
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

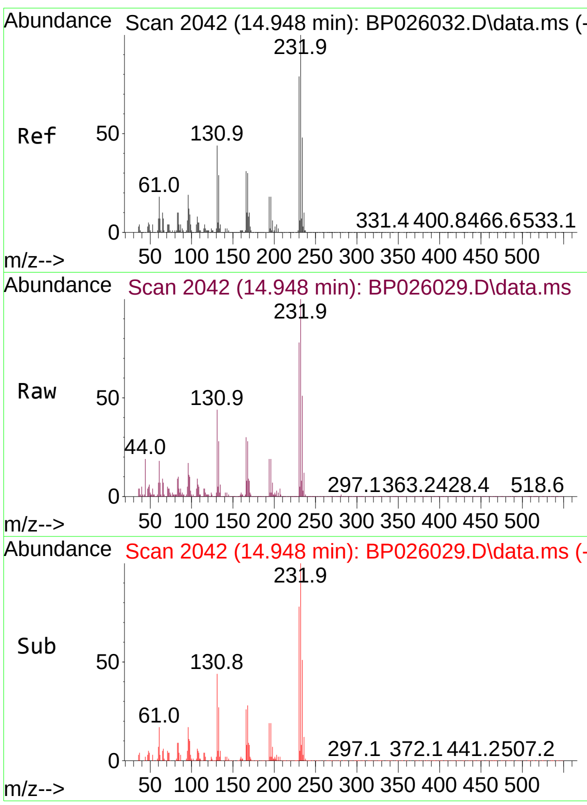


#58
Fluorene
Concen: 4.718 ng
RT: 15.384 min Scan# 21
Delta R.T. 0.001 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:166 Resp: 311704

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.1	117.1
167	13.4	10.6	16.0

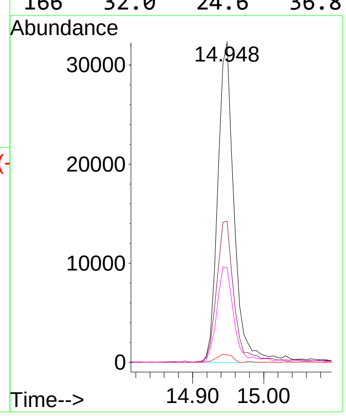




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.387 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

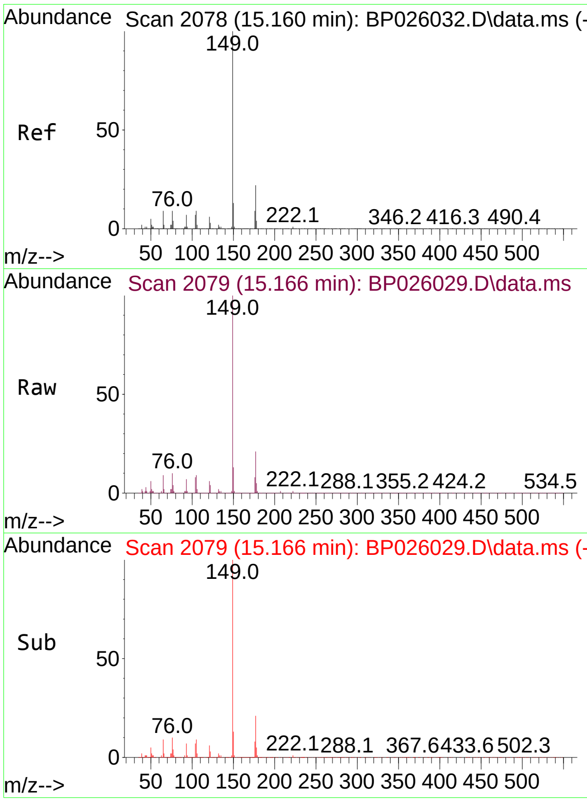
Tgt Ion:232 Resp: 51676

Ion	Ratio	Lower	Upper
232	100		
131	47.0	35.2	52.8
130	2.5	1.7	2.5
166	32.0	24.6	36.8



ICAL Form

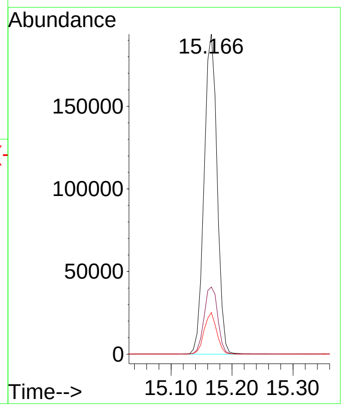
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

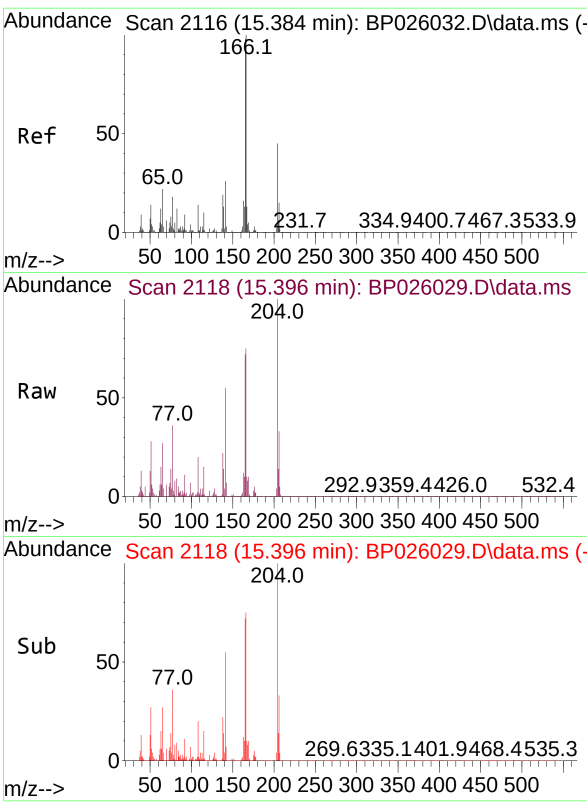


#60
Diethylphthalate
Concen: 4.240 ng
RT: 15.166 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:149 Resp: 287071

Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.9	26.9
150	13.0	10.1	15.1

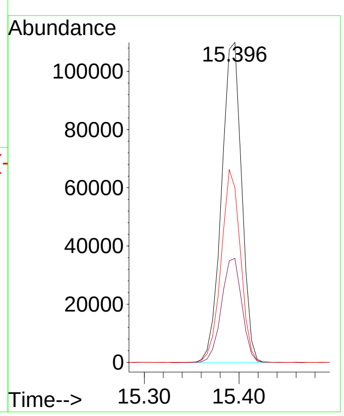




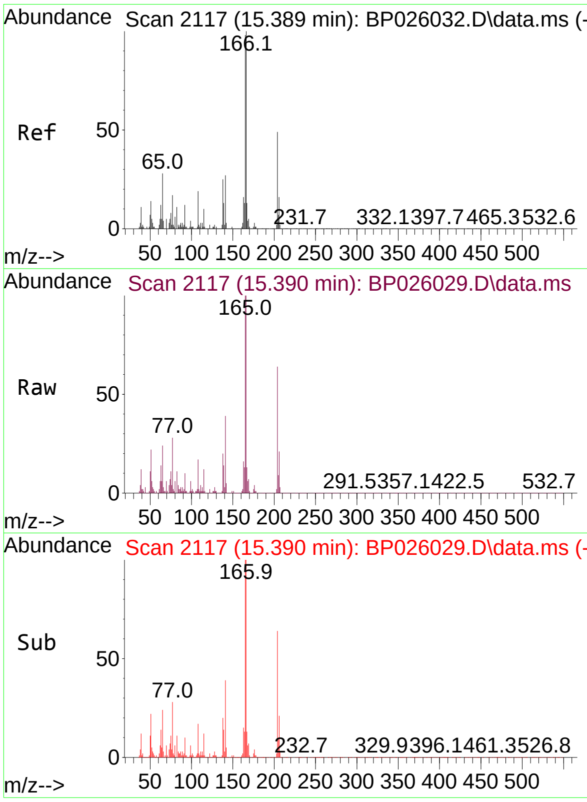
#61
4-Chlorophenyl-phenylether
Concen: 4.907 ng
RT: 15.396 min Scan# 2118
Delta R.T. 0.007 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:204 Resp: 161882

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	54.6	47.0	70.4



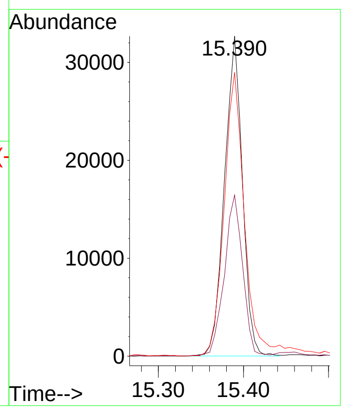
Instrument : BNA_P
ClientSampleId : SSTDICC005

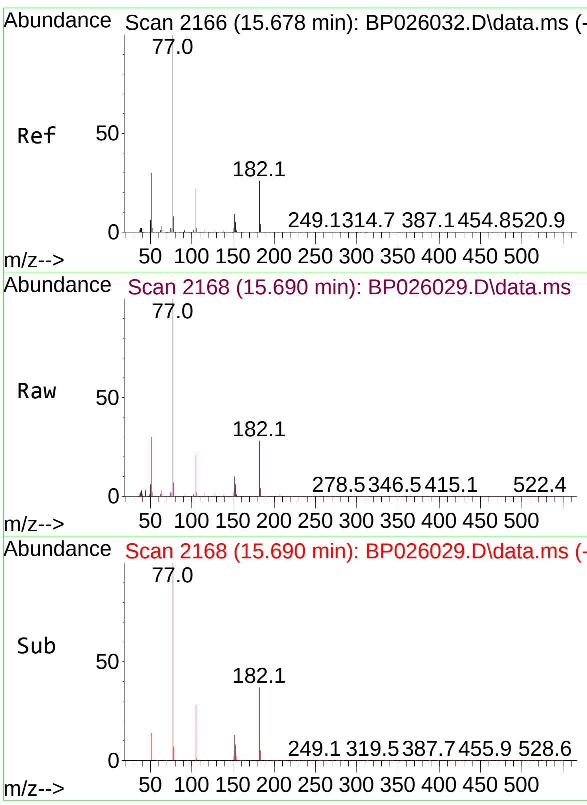


#62
4-Nitroaniline
Concen: 3.327 ng
RT: 15.390 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:138 Resp: 47887

Ion	Ratio	Lower	Upper
138	100		
92	50.3	28.2	68.2
108	88.6	56.0	96.0

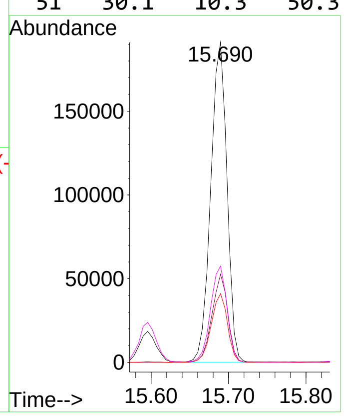




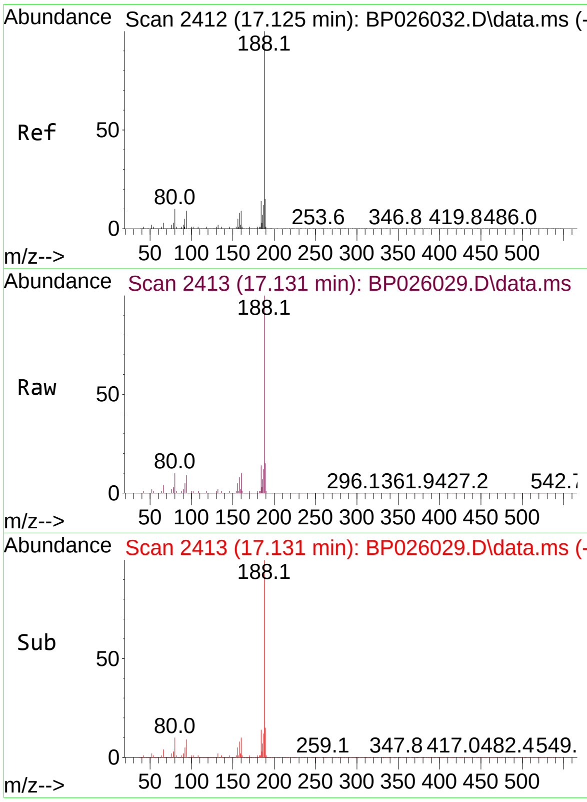
#63
Azobenzene
Concen: 4.550 ng
RT: 15.690 min Scan# 2168
Delta R.T. 0.001 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 77 Resp: 279169

Ion	Ratio	Lower	Upper
77	100		
182	27.5	6.4	46.4
105	21.5	2.2	42.2
51	30.1	10.3	50.3



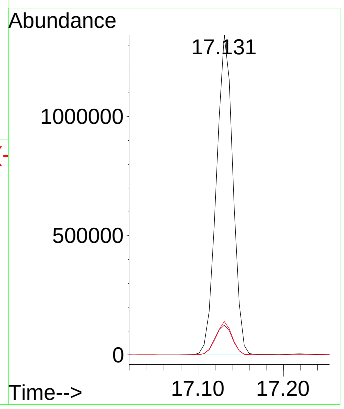
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

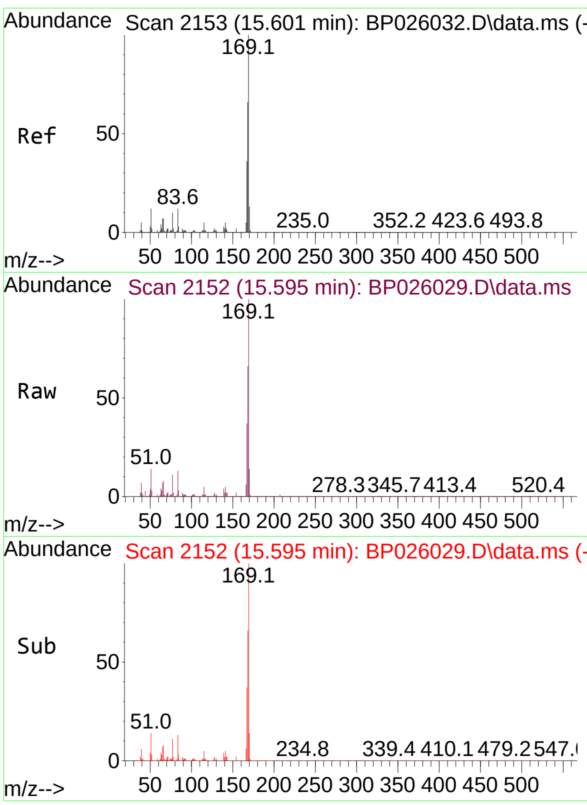


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:188 Resp: 1817309

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	10.4	7.9	11.9

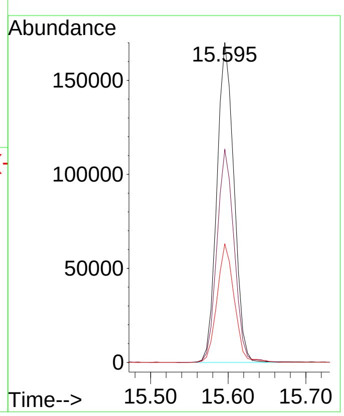




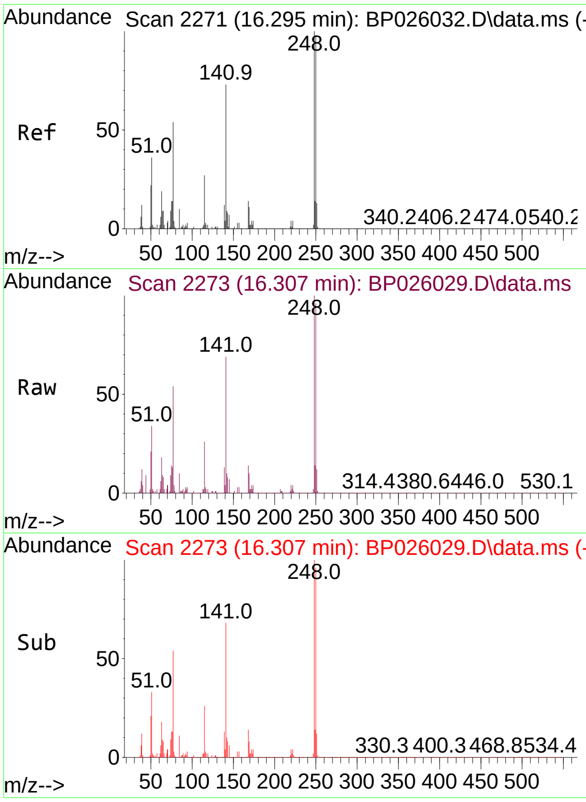
#66
n-Nitrosodiphenylamine
Concen: 4.589 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:169 Resp: 260751

Ion	Ratio	Lower	Upper
169	100		
168	66.5	52.9	79.3
167	37.0	28.9	43.3



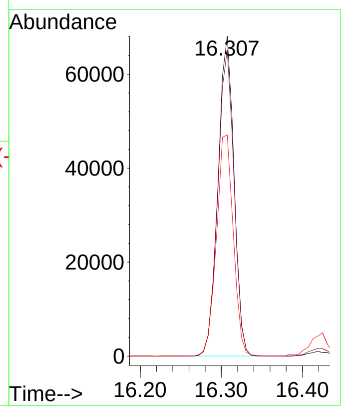
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

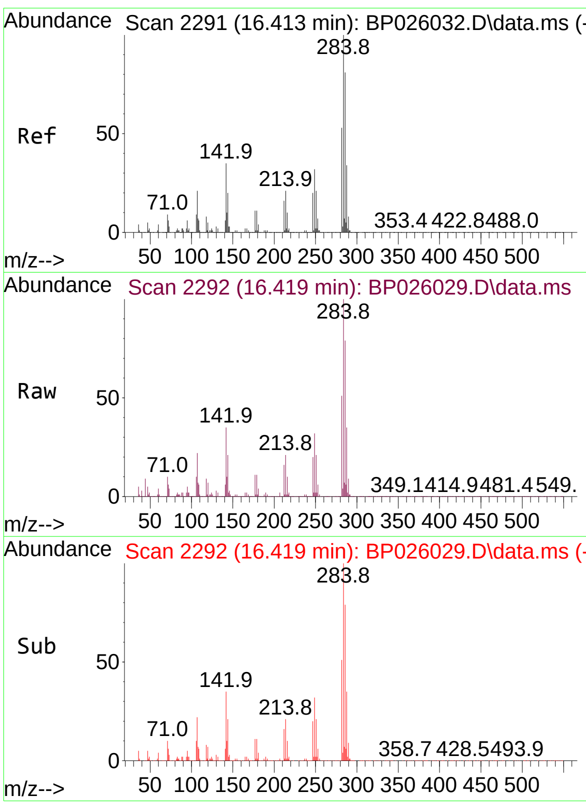


#67
4-Bromophenyl-phenylether
Concen: 4.650 ng
RT: 16.307 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:248 Resp: 93744

Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.4	117.6
141	69.1	58.3	87.5

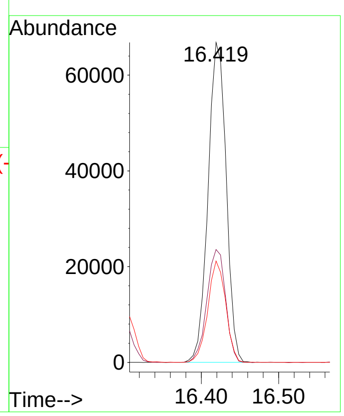




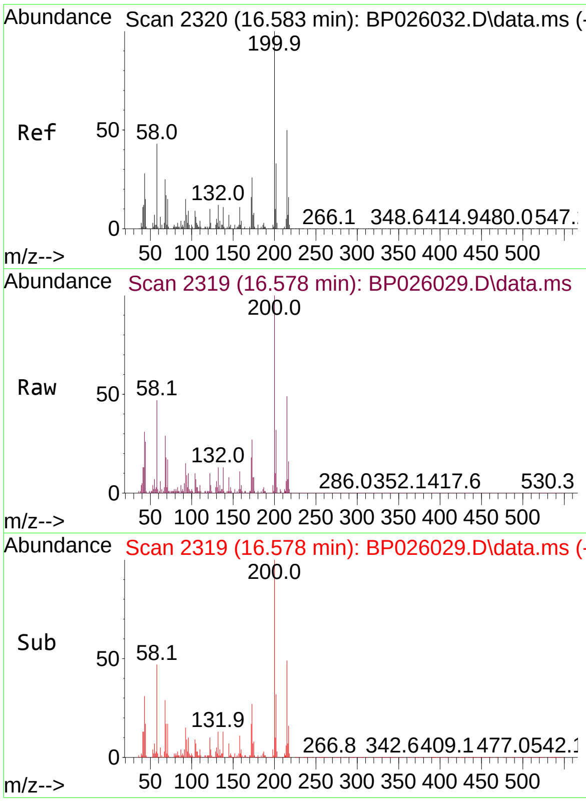
#68
Hexachlorobenzene
Concen: 4.741 ng
RT: 16.419 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:284 Resp: 108797

Ion	Ratio	Lower	Upper
284	100		
142	35.3	27.7	41.5
249	31.7	25.5	38.3



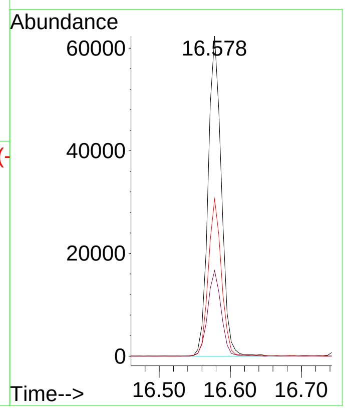
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

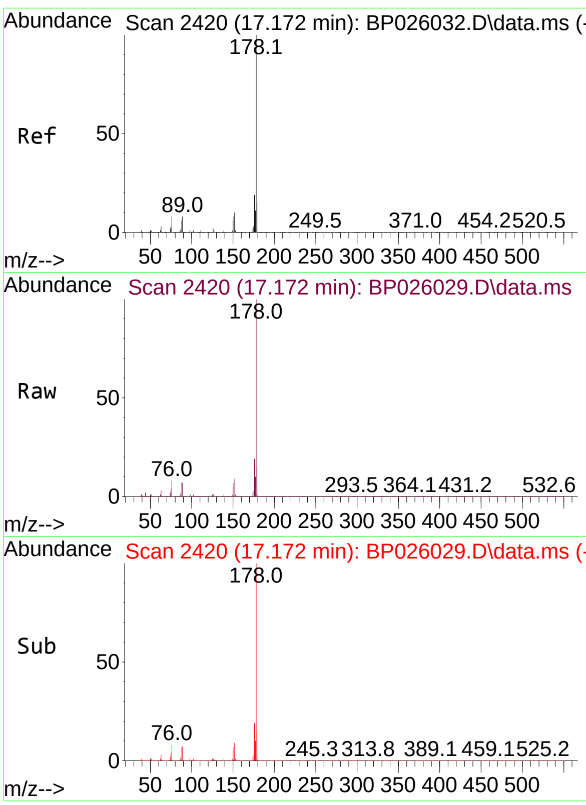


#69
Atrazine
Concen: 4.192 ng
RT: 16.578 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:200 Resp: 80346

Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.2	46.2
215	49.1	29.8	69.8

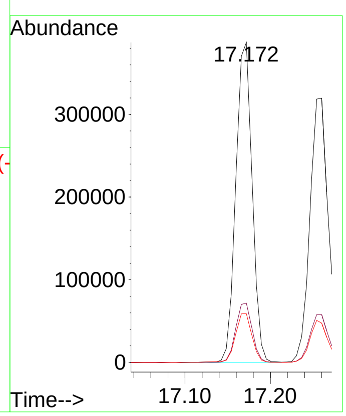




#71
Phenanthrene
Concen: 4.865 ng
RT: 17.172 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:178 Resp: 514616

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	15.2	12.3	18.5



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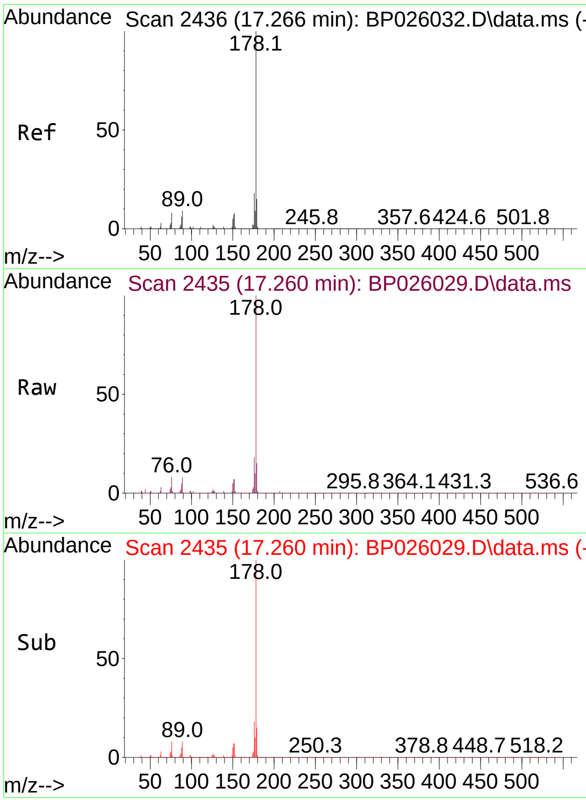
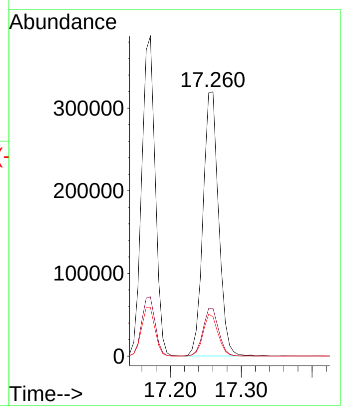
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

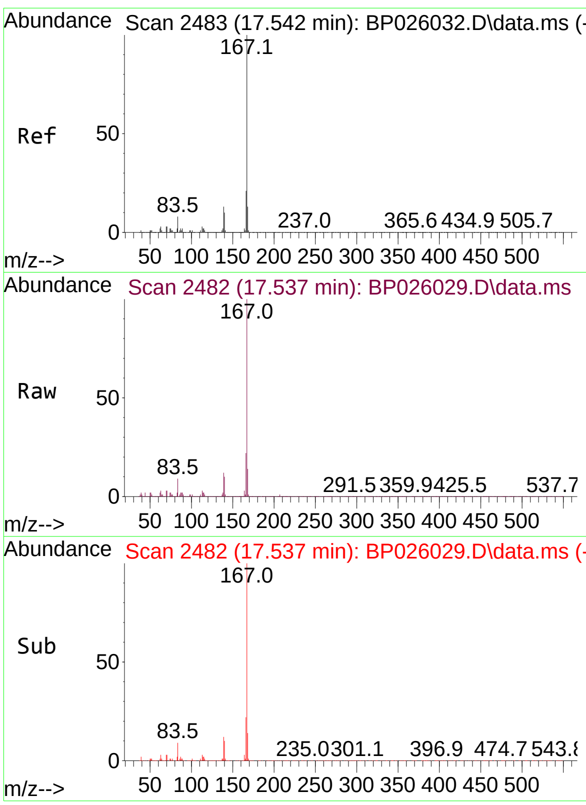


#72
Anthracene
Concen: 4.609 ng
RT: 17.260 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:178 Resp: 483312

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.8	22.2
179	14.9	12.2	18.4

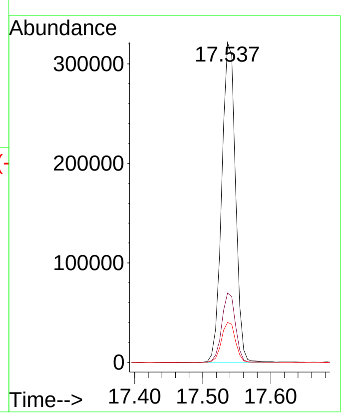




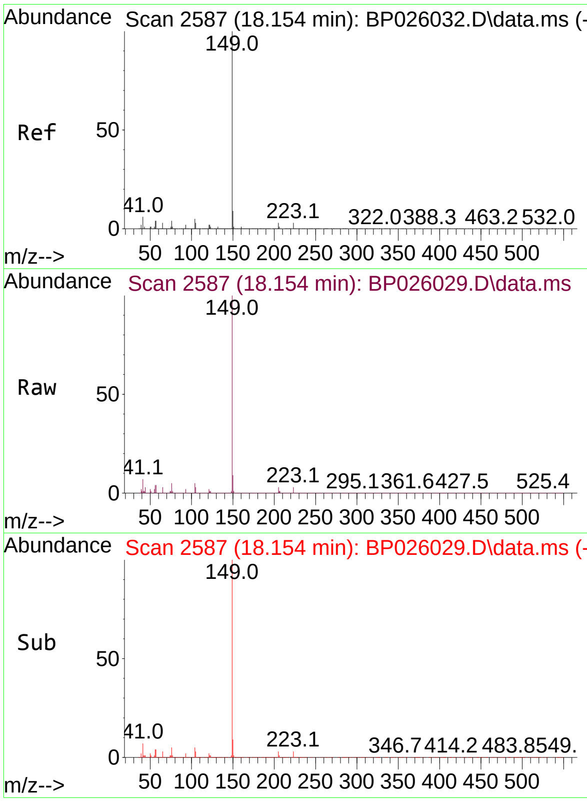
#73
Carbazole
Concen: 4.511 ng
RT: 17.537 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:167 Resp: 447699

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	12.5	10.2	15.2

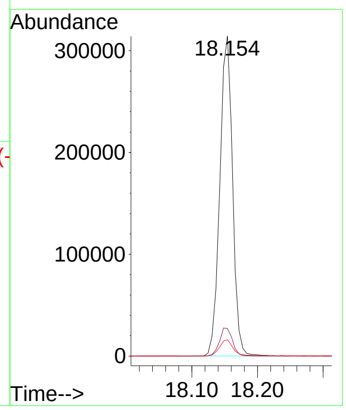


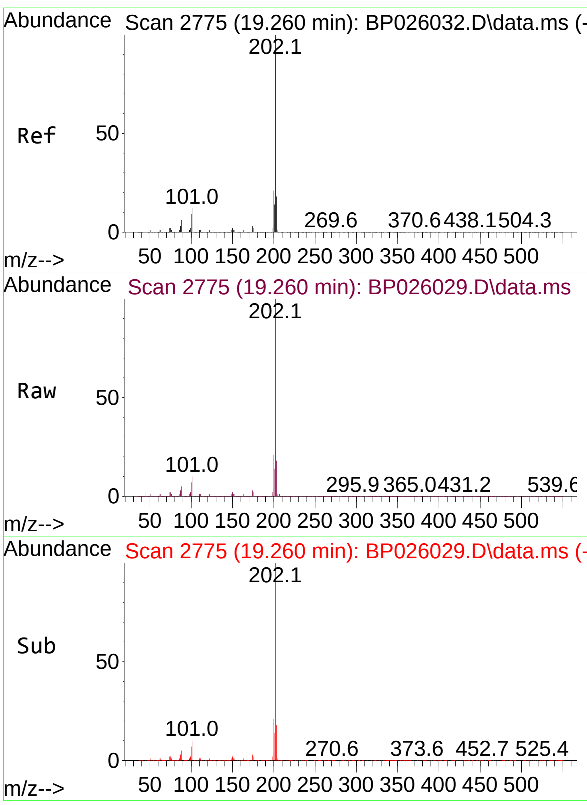
Instrument :
BNA_P
ClientSampleId :
SSTDICC005




```
#74
Di-n-butylphthalate
Concen:    3.833 ng
RT:  18.154 min  Scan# 2
Delta R.T.  0.000 min
Lab File:   BP026029.D
Acq: 29 Oct 2025  10:07

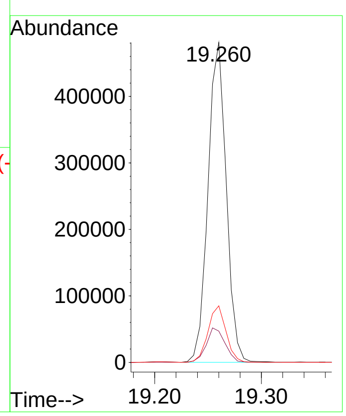
Tgt Ion:149 Resp:  425656
Ion  Ratio  Lower  Upper
149  100
150    8.6    7.3   10.9
104    5.2    3.8    5.6
```



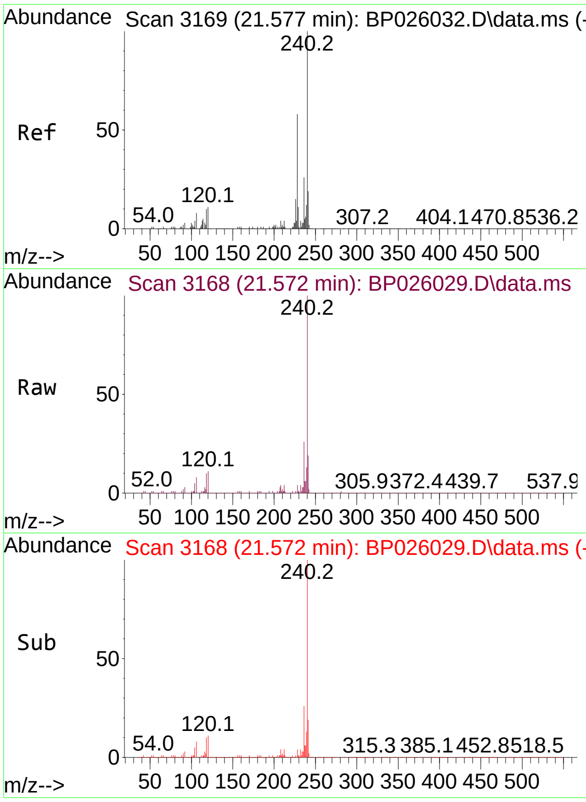



```
#75
Fluoranthene
Concen:    4.636 ng
RT:  19.260 min  Scan# 2775
Delta R.T.  0.000 min
Lab File:   BP026029.D
Acq: 29 Oct 2025  10:07

Tgt Ion:202 Resp:  572045
Ion  Ratio  Lower  Upper
202  100
101    9.8    0.0   32.1
203   17.7    0.0   37.6
```

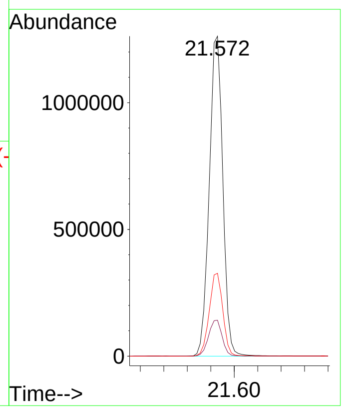


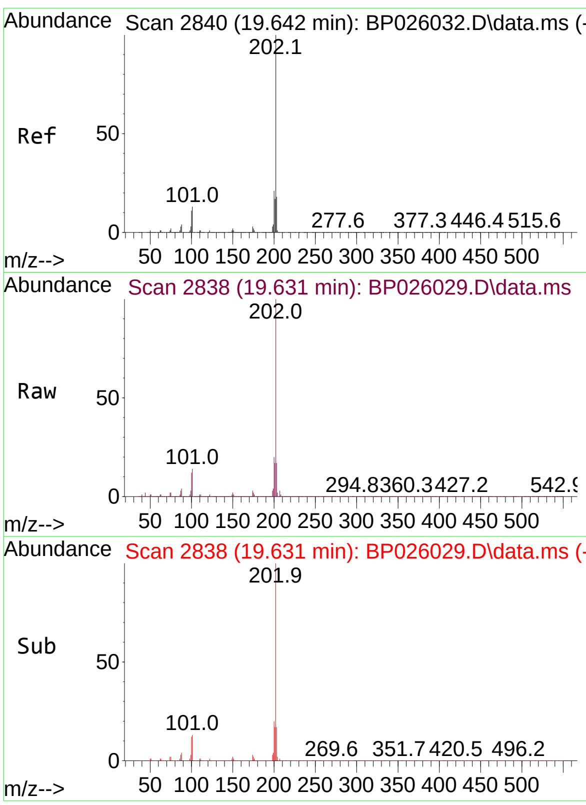
Instrument :
BNA_P
ClientSampleId :
SSTDICC005




```
#76
Chrysene-d12
Concen:   20.000 ng
RT:  21.572 min  Scan# 31
Delta R.T.  0.006 min
Lab File:   BP026029.D
Acq: 29 Oct 2025  10:07

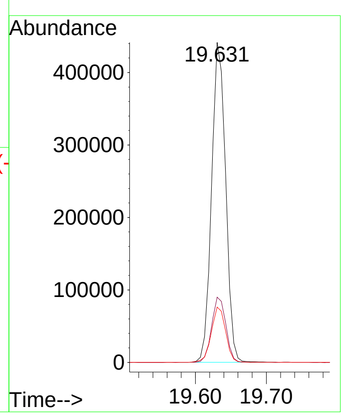
Tgt Ion:240 Resp: 2025692
Ion  Ratio  Lower  Upper
240  100
120   11.2    8.9   13.3
236   25.9   20.6   31.0
```



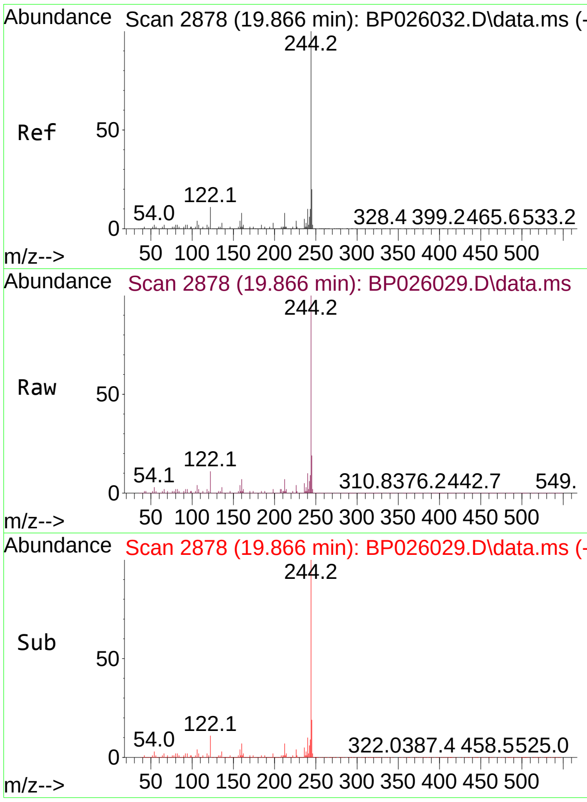



```
#78
Pyrene
Concen:    4.441 ng
RT:  19.631 min  Scan# 2838
Delta R.T.  -0.006 min
Lab File:   BP026029.D
Acq: 29 Oct 2025  10:07

Tgt Ion:202 Resp:  608386
Ion  Ratio  Lower  Upper
202  100
200   20.4   16.6   25.0
203   17.3   14.0   21.0
```



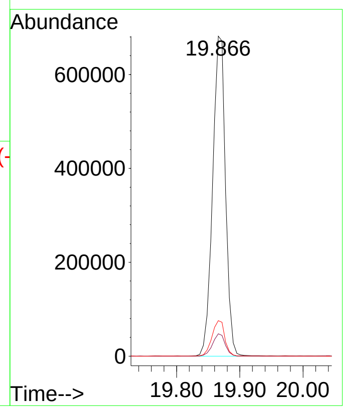
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

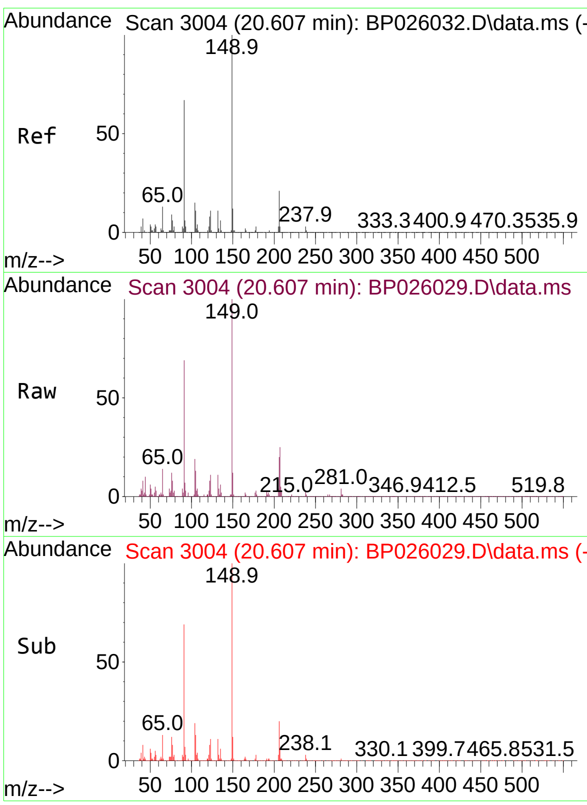


#79
Terphenyl-d14
Concen: 9.677 ng
RT: 19.866 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:244 Resp: 964860

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	11.1	9.0	13.6

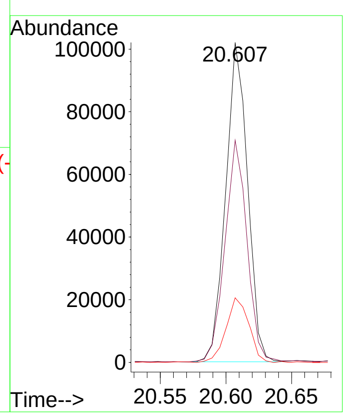




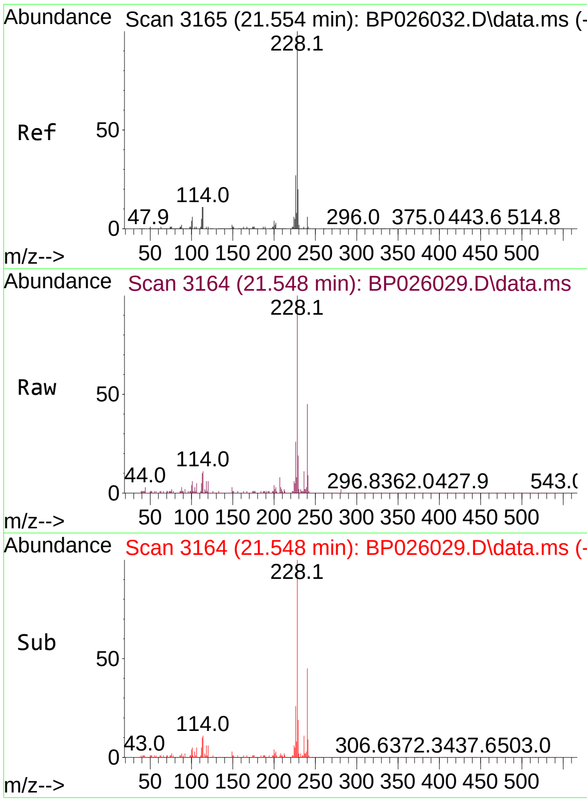
#80
Butylbenzylphthalate
Concen: 5.554 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:149 Resp: 118757

Ion	Ratio	Lower	Upper
149	100		
91	69.4	53.5	80.3
206	20.2	16.6	25.0



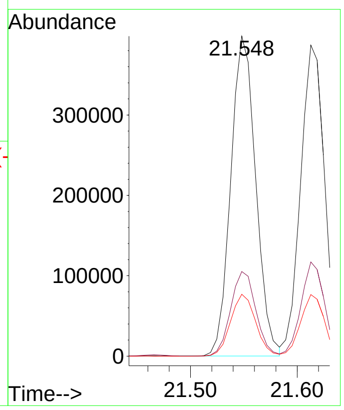
Instrument : BNA_P
ClientSampleId : SSTDICC005

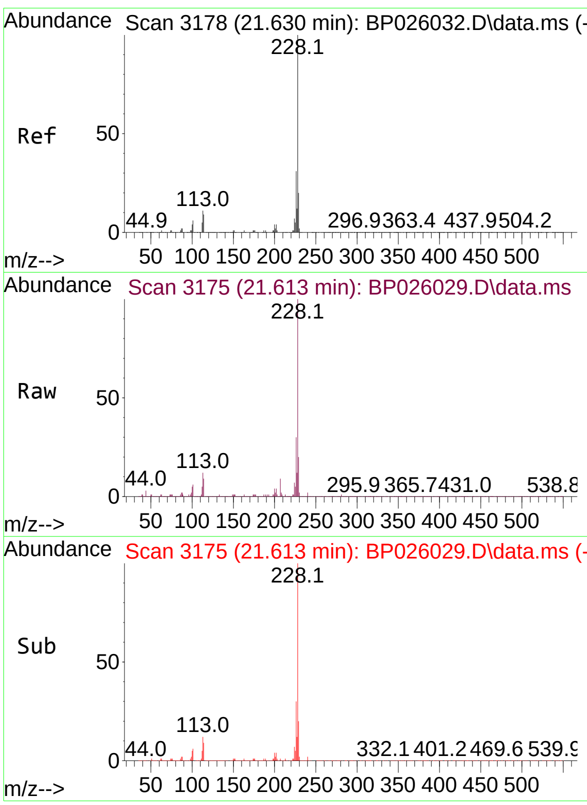


#81
Benzo(a)anthracene
Concen: 4.653 ng
RT: 21.548 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:228 Resp: 647742

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.7	32.5
229	19.3	15.8	23.8

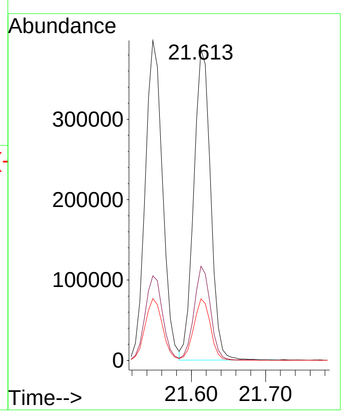




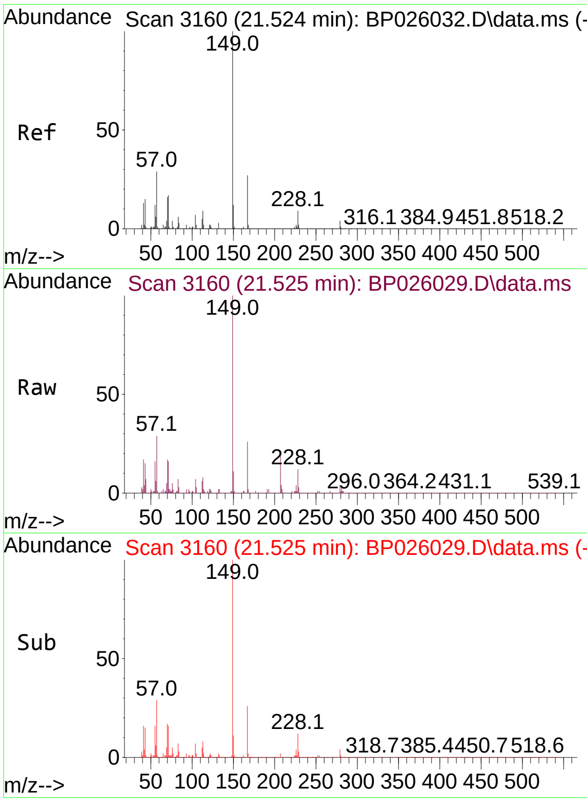
#83
Chrysene
Concen: 4.647 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:228 Resp: 612715

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	19.8	16.0	24.0

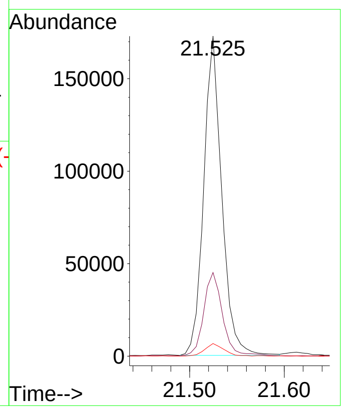


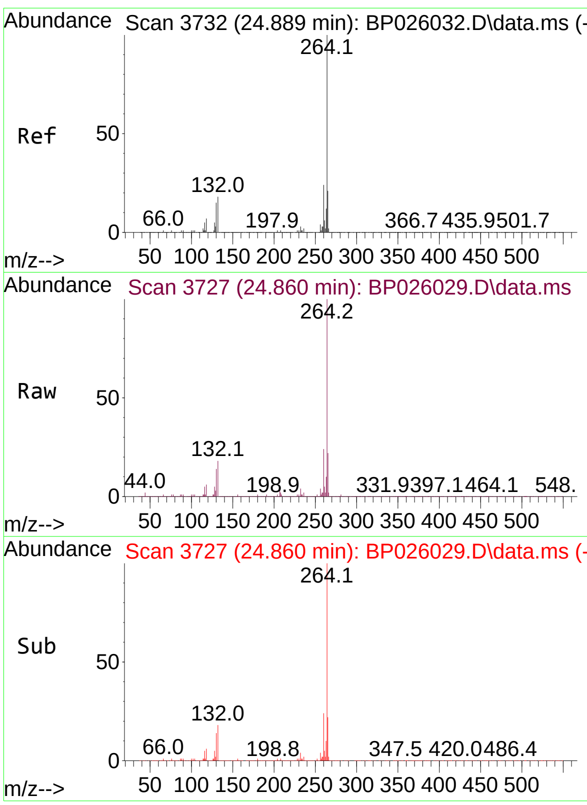
Instrument : BNA_P
ClientSampleId : SSTDICC005




```
#84
Bis(2-ethylhexyl)phthalate
Concen:     5.327 ng
RT:  21.525 min  Scan# 31
Delta R.T.  0.007 min
Lab File:   BP026029.D
Acq: 29 Oct 2025  10:07

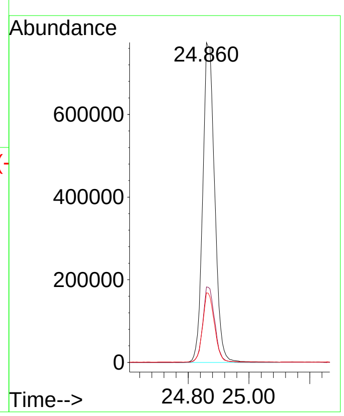
Tgt Ion:149 Resp:  229182
Ion  Ratio  Lower  Upper
149  100
167   26.1   21.5   32.3
279    3.9    3.0    4.6
```



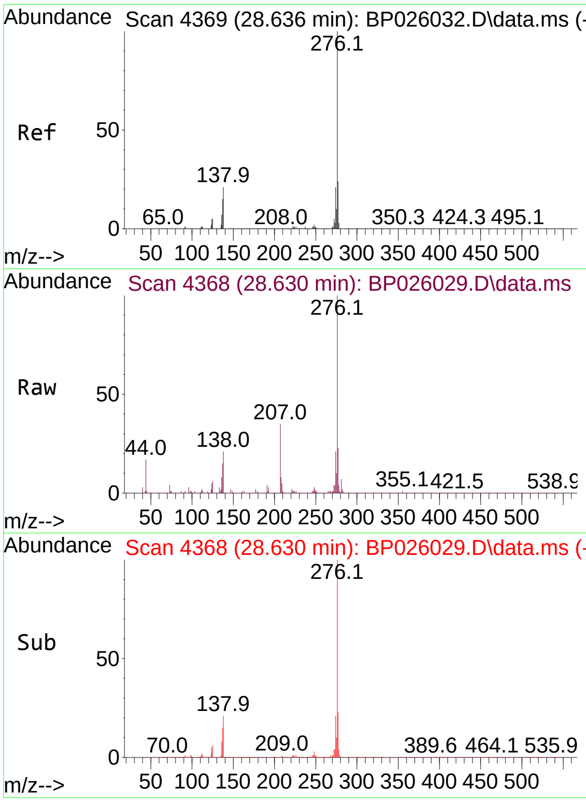



```
#86
Perylene-d12
Concen:   20.000 ng
RT:  24.860 min  Scan# 3727
Delta R.T.  -0.023 min
Lab File:   BP026029.D
Acq: 29 Oct 2025  10:07

Tgt Ion:264 Resp: 2104784
Ion  Ratio  Lower  Upper
264  100
260   23.6   19.1   28.7
265   21.7   17.2   25.8
```

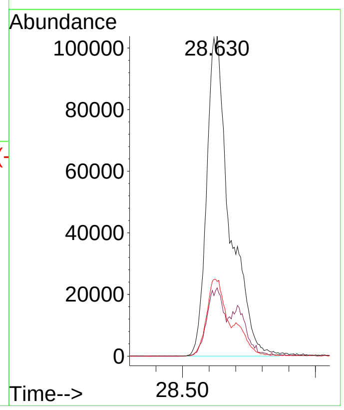


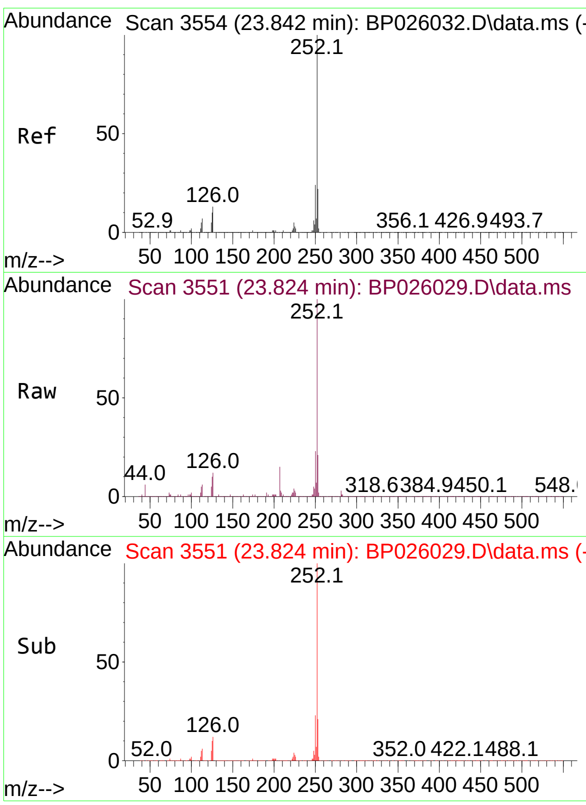
Instrument :
BNA_P
ClientSampleId :
SSTDICC005




```
#87
Indeno(1,2,3-cd)pyrene
Concen:    4.030 ng
RT:  28.630 min  Scan# 4
Delta R.T.  -0.029 min
Lab File:   BP026029.D
Acq: 29 Oct 2025  10:07

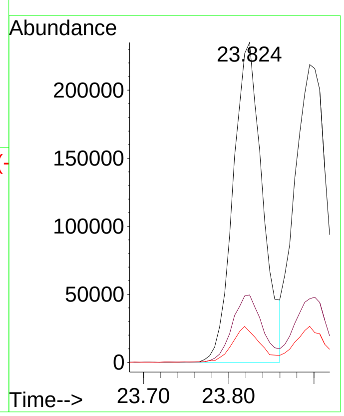
Tgt Ion:276 Resp:  626036
Ion  Ratio  Lower  Upper
276  100
138   15.3   13.2   19.8
277   19.2   16.3   24.5
```



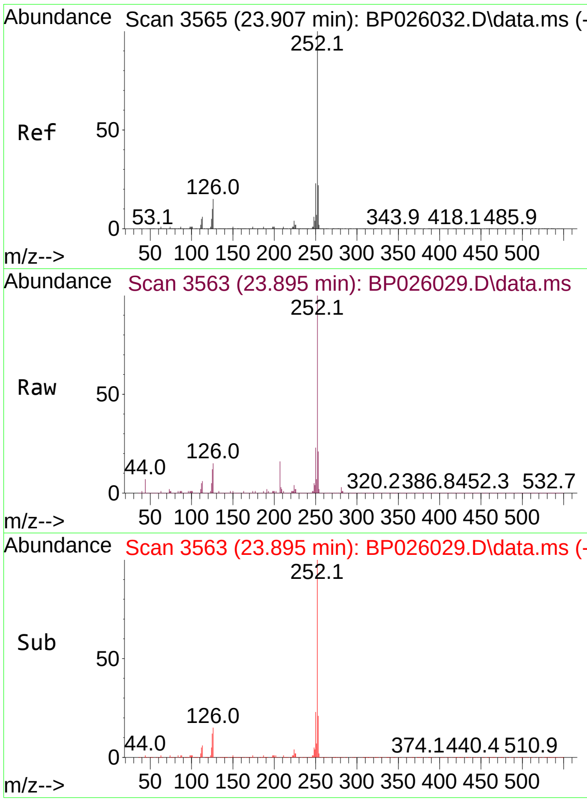



```
#88
Benzo(b)fluoranthene
Concen:    4.326 ng
RT:  23.824 min  Scan# 3551
Delta R.T.  -0.023 min
Lab File:   BP026029.D
Acq: 29 Oct 2025  10:07

Tgt Ion:252 Resp:  565252
Ion  Ratio  Lower  Upper
252  100
253   21.1   17.6   26.4
125    9.7    8.1   12.1
```



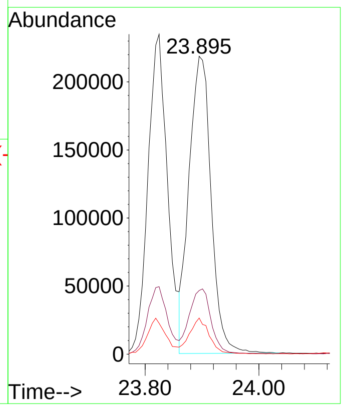
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

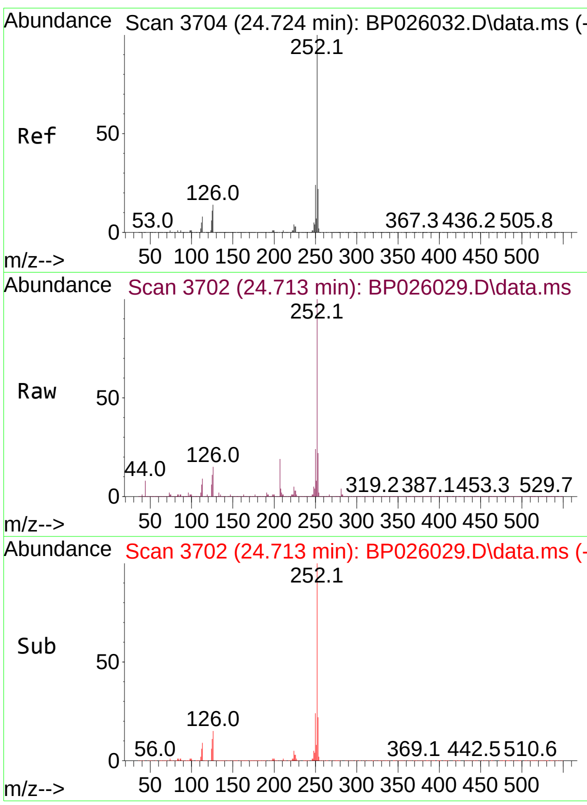


#89
Benzo(k)fluoranthene
Concen: 4.411 ng
RT: 23.895 min Scan# 3!
Delta R.T. -0.029 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:252 Resp: 588563

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	12.1	8.1	12.1

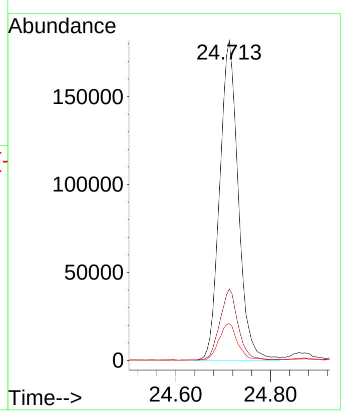




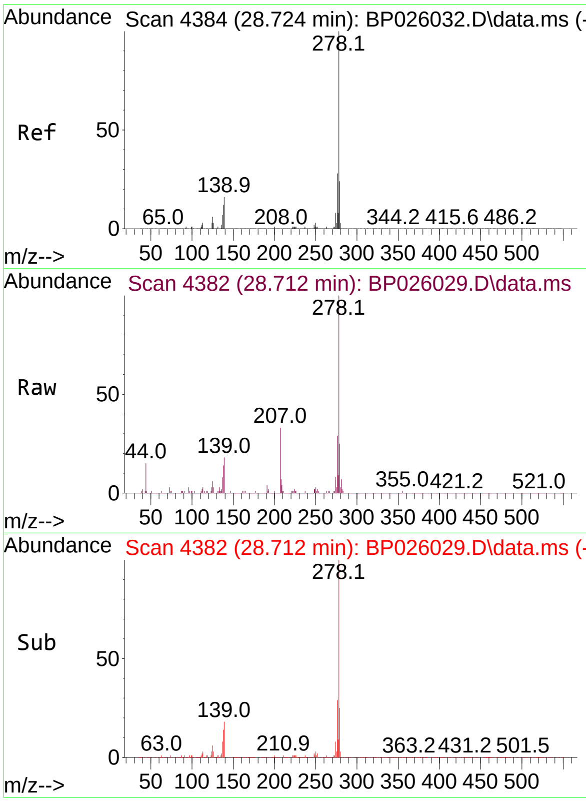
#90
Benzo(a)pyrene
Concen: 4.124 ng
RT: 24.713 min Scan# 3702
Delta R.T. -0.029 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:252 Resp: 495105

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	11.5	9.1	13.7



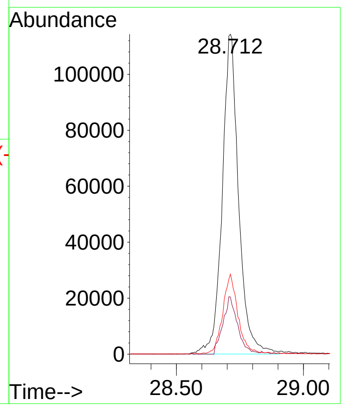
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

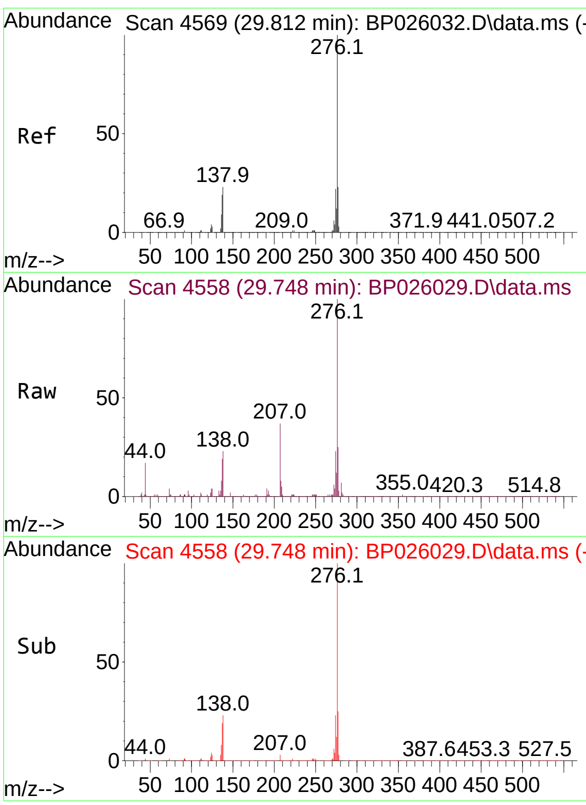


#91
Dibenzo(a,h)anthracene
Concen: 4.069 ng
RT: 28.712 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:278 Resp: 514485

Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.0	19.6
279	25.0	18.9	28.3

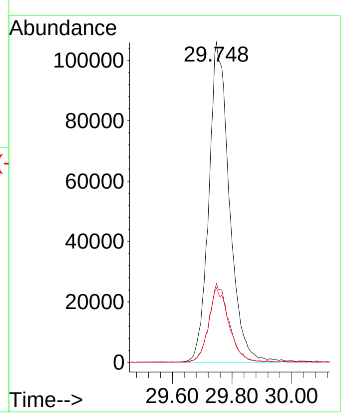




#92
Benzo(g,h,i)perylene
Concen: 4.178 ng
RT: 29.748 min Scan# 4558
Delta R.T. -0.082 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:276 Resp: 508408

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.5	27.7
138	23.3	18.1	27.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026030.D
Acq On : 29 Oct 2025 10:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:07:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.684	152	288854	20.000 ng	0.00
21) Naphthalene-d8	10.449	136	1158283	20.000 ng	0.00
39) Acenaphthene-d10	14.319	164	734566	20.000 ng	0.00
64) Phenanthrene-d10	17.125	188	1497196	20.000 ng	0.00
76) Chrysene-d12	21.566	240	1590140	20.000 ng	0.00
86) Perylene-d12	24.883	264	1674719	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.296	112	362577	20.712 ng	0.00
7) Phenol-d6	6.849	99	456392	20.484 ng	0.00
23) Nitrobenzene-d5	8.819	82	367535	19.781 ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	154869	19.502 ng	0.00
45) 2-Fluorobiphenyl	12.925	172	1138070	22.262 ng	0.00
79) Terphenyl-d14	19.860	244	1788115	22.846 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.243	88	81890	11.097 ng	98
3) Pyridine	3.625	79	222154	10.590 ng	98
4) n-Nitrosodimethylamine	3.537	42	86859	10.330 ng #	96
6) Aniline	7.013	93	311508	10.476 ng	99
8) 2-Chlorophenol	7.249	128	195513	10.086 ng	99
9) Benzaldehyde	6.831	77	123534m	10.666 ng	
10) Phenol	6.878	94	255762	10.340 ng	99
11) bis(2-Chloroethyl)ether	7.114	93	207158	10.612 ng	98
12) 1,3-Dichlorobenzene	7.578	146	239783	10.771 ng	99
13) 1,4-Dichlorobenzene	7.719	146	242788	10.787 ng	99
14) 1,2-Dichlorobenzene	8.031	146	230430	10.729 ng	100
15) Benzyl Alcohol	7.908	79	154491	9.618 ng	98
16) 2,2'-oxybis(1-Chloropr...	8.202	45	319172	10.818 ng	99
17) 2-Methylphenol	8.113	107	163076	10.068 ng	99
18) Hexachloroethane	8.755	117	81158	10.537 ng	96
19) n-Nitroso-di-n-propyla...	8.472	70	146354	10.582 ng	99
20) 3+4-Methylphenols	8.431	107	219610	9.746 ng	99
22) Acetophenone	8.490	105	317614	10.842 ng #	98
24) Nitrobenzene	8.860	77	200078	10.199 ng	98
25) Isophorone	9.378	82	417831	10.506 ng	98
26) 2-Nitrophenol	9.566	139	53200	9.634 ng	96
27) 2,4-Dimethylphenol	9.625	122	177027	10.585 ng	98
28) bis(2-Chloroethoxy)met...	9.866	93	269975	10.772 ng	99
29) 2,4-Dichlorophenol	10.096	162	175015	9.911 ng	100
30) 1,2,4-Trichlorobenzene	10.313	180	209064	10.893 ng	97
31) Naphthalene	10.502	128	684226	10.833 ng	99
32) Benzoic acid	9.684	122	58000	10.150 ng	90
33) 4-Chloroaniline	10.596	127	255029	10.507 ng	100
34) Hexachlorobutadiene	10.796	225	133883	10.977 ng	99
35) Caprolactam	11.331	113	57604	9.290 ng	99
36) 4-Chloro-3-methylphenol	11.719	107	181561	9.808 ng	99
37) 2-Methylnaphthalene	12.113	142	476697	10.783 ng	99
38) 1-Methylnaphthalene	12.331	142	463905	10.801 ng	99
40) 1,2,4,5-Tetrachloroben...	12.484	216	245958	10.776 ng	100
41) Hexachlorocyclopentadiene	12.472	237	73538	8.806 ng	95
43) 2,4,6-Trichlorophenol	12.719	196	125693	9.317 ng	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026030.D
Acq On : 29 Oct 2025 10:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:07:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.790	196	151902	9.868	ng		97
46)	1,1'-Biphenyl	13.131	154	614441	10.924	ng		99
47)	2-Chloronaphthalene	13.172	162	479020	10.824	ng		99
48)	2-Nitroaniline	13.366	65	83149	9.741	ng		92
49)	Acenaphthylene	14.031	152	677627	10.506	ng		100
50)	Dimethylphthalate	13.766	163	578145	10.820	ng		100
51)	2,6-Dinitrotoluene	13.878	165	71941	9.731	ng		88
52)	Acenaphthene	14.384	154	471935	10.658	ng		99
53)	3-Nitroaniline	14.201	138	93292	9.962	ng	#	90
54)	2,4-Dinitrophenol	14.413	184	25388	10.017	ng	#	90
55)	Dibenzofuran	14.725	168	733645	10.966	ng		99
56)	4-Nitrophenol	14.513	139	101905	9.565	ng		93
57)	2,4-Dinitrotoluene	14.678	165	105824	9.727	ng		97
58)	Fluorene	15.390	166	595481	11.361	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.954	232	111275	9.194	ng		99
60)	Diethylphthalate	15.166	149	576582	10.734	ng		99
61)	4-Chlorophenyl-phenyle...	15.390	204	294916	11.267	ng		98
62)	4-Nitroaniline	15.390	138	108022	9.461	ng		93
63)	Azobenzene	15.690	77	541815	11.130	ng		100
65)	4,6-Dinitro-2-methylph...	15.448	198	39648	10.014	ng		94
66)	n-Nitrosodiphenylamine	15.601	169	507903	10.850	ng		99
67)	4-Bromophenyl-phenylether	16.301	248	175158	10.547	ng		96
68)	Hexachlorobenzene	16.419	284	204634	10.824	ng		97
69)	Atrazine	16.578	200	159536	10.103	ng		99
70)	Pentachlorophenol	16.766	266	94142	8.152	ng		97
71)	Phenanthrene	17.166	178	964196	11.064	ng		99
72)	Anthracene	17.260	178	945078	10.941	ng		100
73)	Carbazole	17.536	167	877310	10.729	ng		100
74)	Di-n-butylphthalate	18.154	149	912617	9.974	ng		100
75)	Fluoranthene	19.254	202	1100035	10.821	ng		99
77)	Benzidine	19.454	184	327160	8.106	ng		99
78)	Pyrene	19.630	202	1182711	10.997	ng		99
80)	Butylbenzylphthalate	20.607	149	267569	9.589	ng		98
81)	Benzo(a)anthracene	21.542	228	1190374	10.894	ng		100
82)	3,3'-Dichlorobenzidine	21.472	252	310231	8.812	ng		99
83)	Chrysene	21.607	228	1132388	10.940	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.525	149	487334	9.805	ng		100
85)	Di-n-octyl phthalate	22.795	149	653399	6.903	ng		96
87)	Indeno(1,2,3-cd)pyrene	28.618	276	1244503m	10.070	ng		
88)	Benzo(b)fluoranthene	23.830	252	1069169	10.284	ng		99
89)	Benzo(k)fluoranthene	23.901	252	1143258	10.769	ng		100
90)	Benzo(a)pyrene	24.724	252	978750	10.247	ng		99
91)	Dibenzo(a,h)anthracene	28.712	278	1020484	10.142	ng		99
92)	Benzo(g,h,i)perylene	29.777	276	977235	10.093	ng		98

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

Quantitation Report (QT Reviewed)

ICAL Form

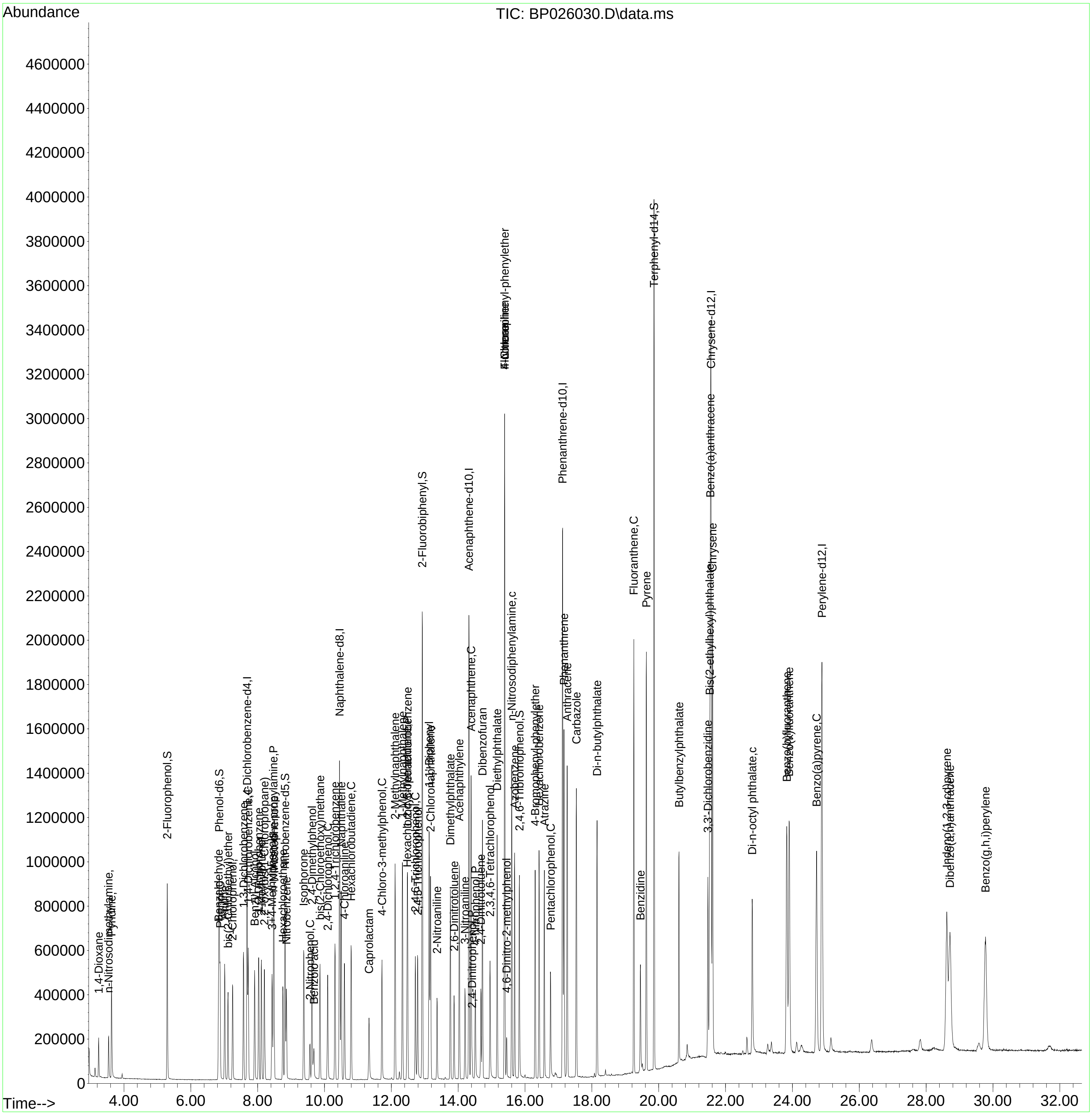
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026030.D
Acq On : 29 Oct 2025 10:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

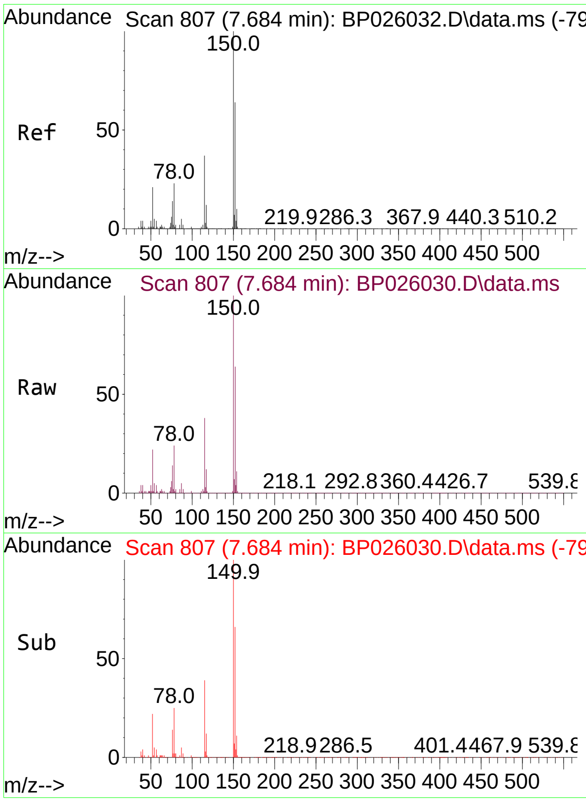
Quant Time: Oct 29 18:07:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



ICAL Form



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

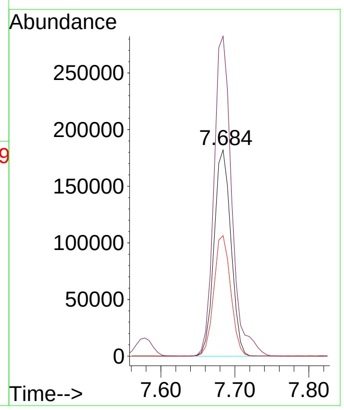
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

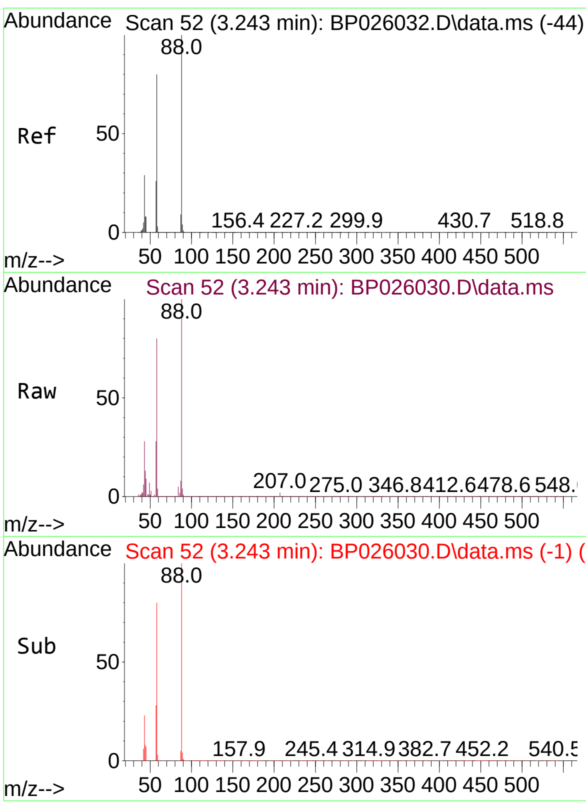
Tgt Ion:152 Resp: 288854

Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.7	188.5
115	58.4	46.4	69.6

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

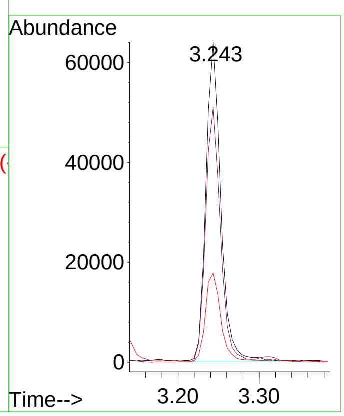




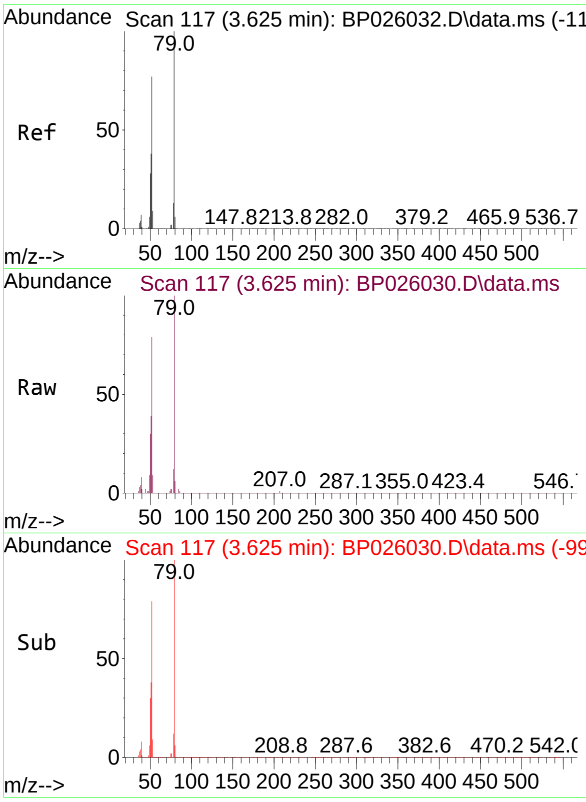
#2
1,4-Dioxane
Concen: 11.097 ng
RT: 3.243 min Scan# 52
Delta R.T. 0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 88 Resp: 81890

Ion	Ratio	Lower	Upper
88	100		
58	80.0	65.4	98.0
43	28.6	23.1	34.7



ICAL Form



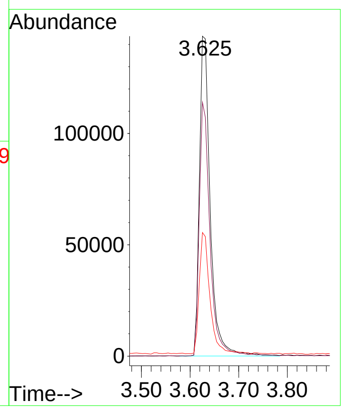
#3
Pyridine
Concen: 10.590 ng
RT: 3.625 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

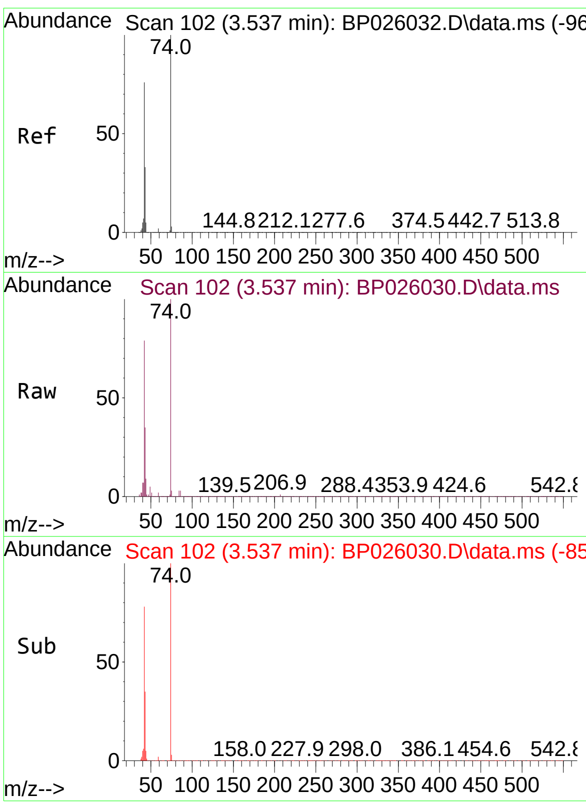
Tgt Ion: 79 Resp: 22215

Ion	Ratio	Lower	Upper
79	100		
52	79.3	62.0	93.0
51	38.6	30.6	46.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

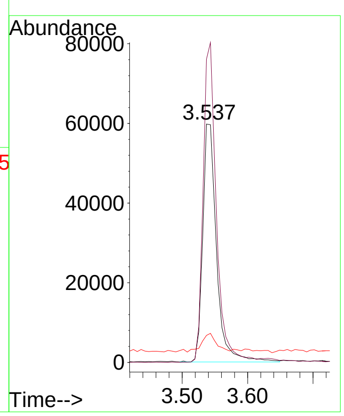




#4
n-Nitrosodimethylamine
Concen: 10.330 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 42 Resp: 86859

Ion	Ratio	Lower	Upper
42	100		
74	127.2	105.7	158.5
44	11.3	6.6	9.8#

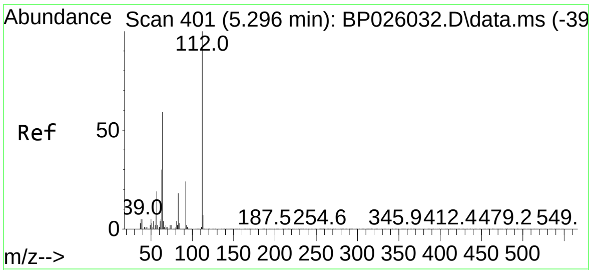


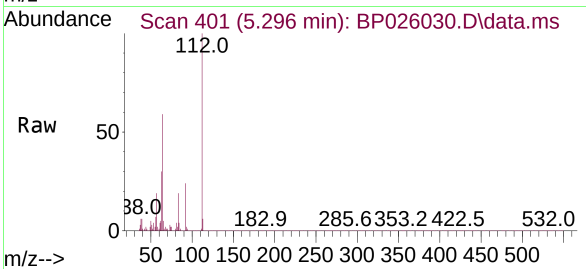
ICAL Form

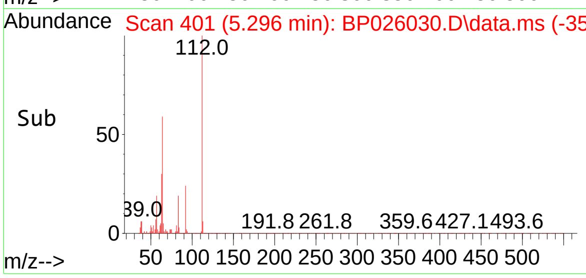
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



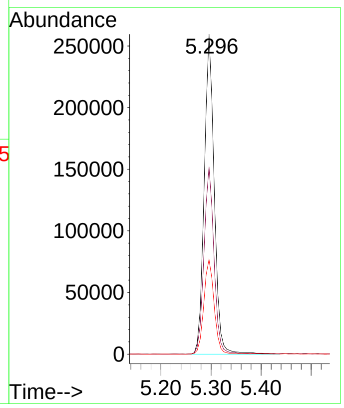


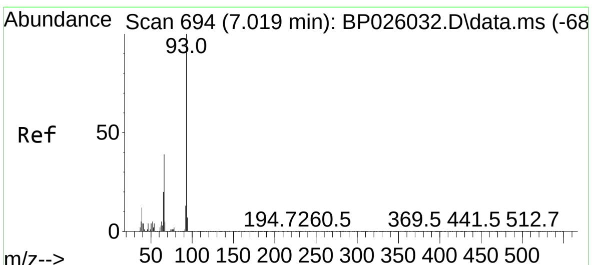


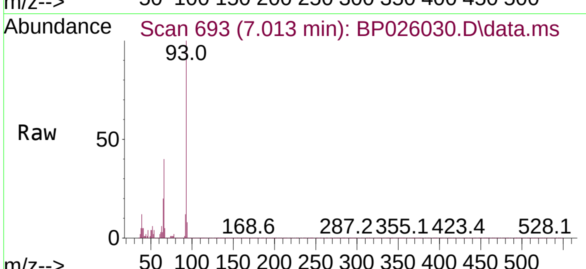
#5
2-Fluorophenol
Concen: 20.712 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

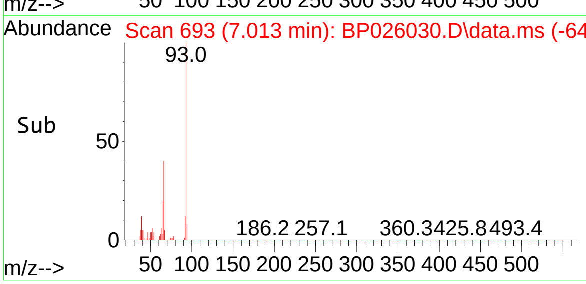
Tgt Ion:112 Resp: 36257

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.4	71.2
63	29.6	24.2	36.4





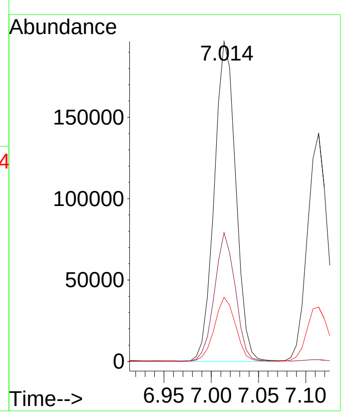




#6
Aniline
Concen: 10.476 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 93 Resp: 311508

Ion	Ratio	Lower	Upper
93	100		
66	40.2	31.2	46.8
65	20.1	16.1	24.1

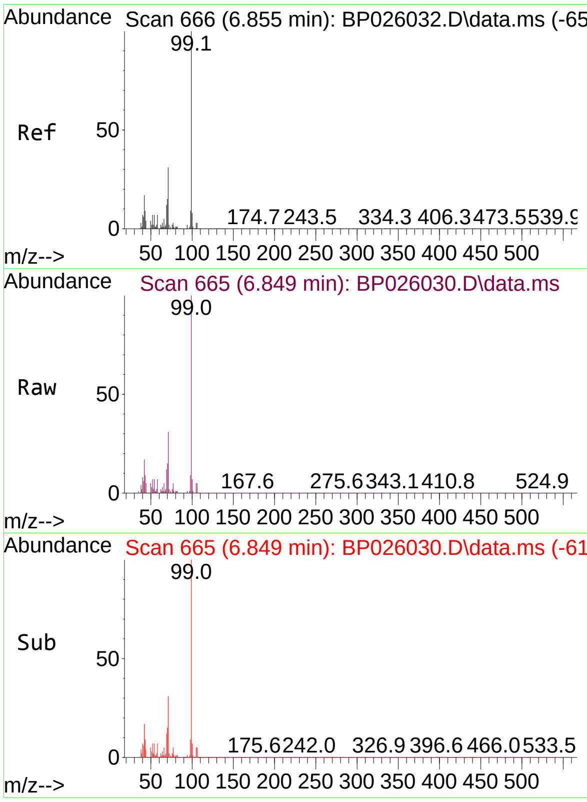


ICAL Form

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

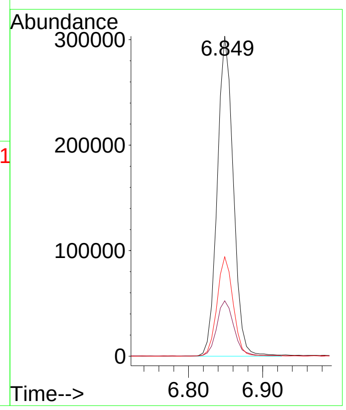
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

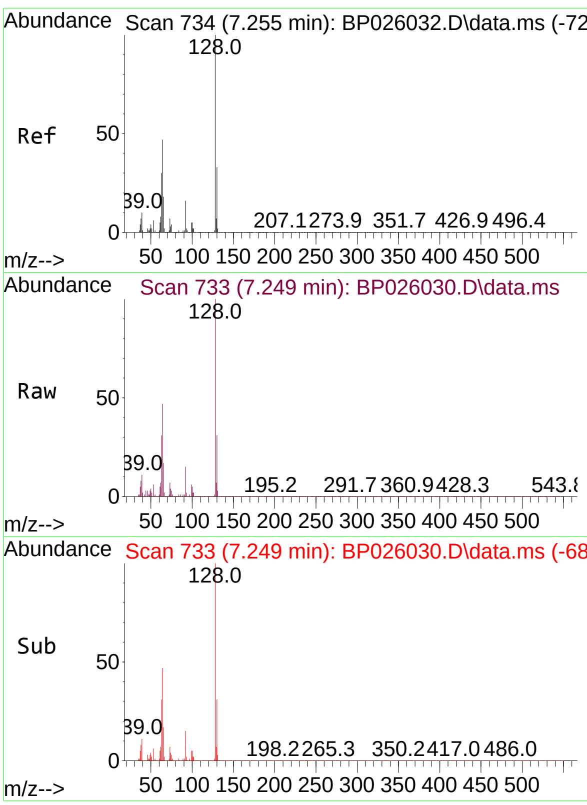


#7
Phenol-d6
Concen: 20.484 ng
RT: 6.849 min Scan# 66
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 99 Resp: 45639

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	31.1	24.4	36.6

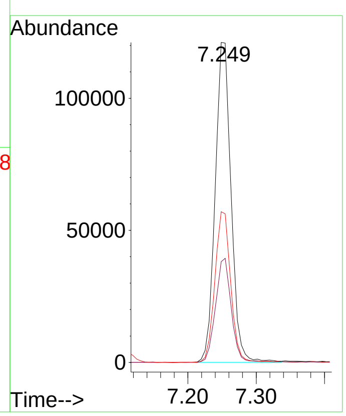




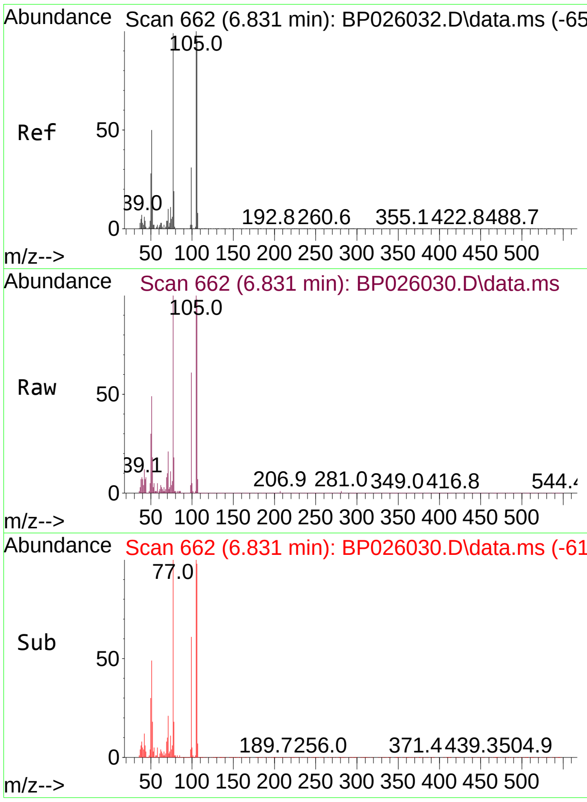
#8
2-Chlorophenol
Concen: 10.086 ng
RT: 7.249 min Scan# 733
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:128 Resp: 195513

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.7	52.7
64	47.1	27.4	67.4



ICAL Form



#9
Benzaldehyde
Concen: 10.666 ng m
RT: 6.831 min Scan# 66
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

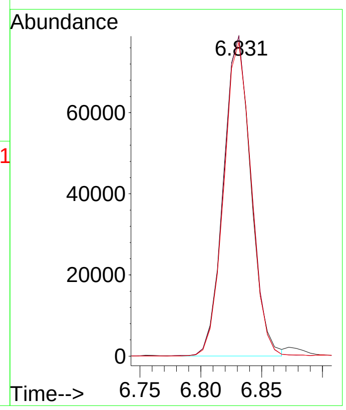
Tgt Ion: 77 Resp: 12353

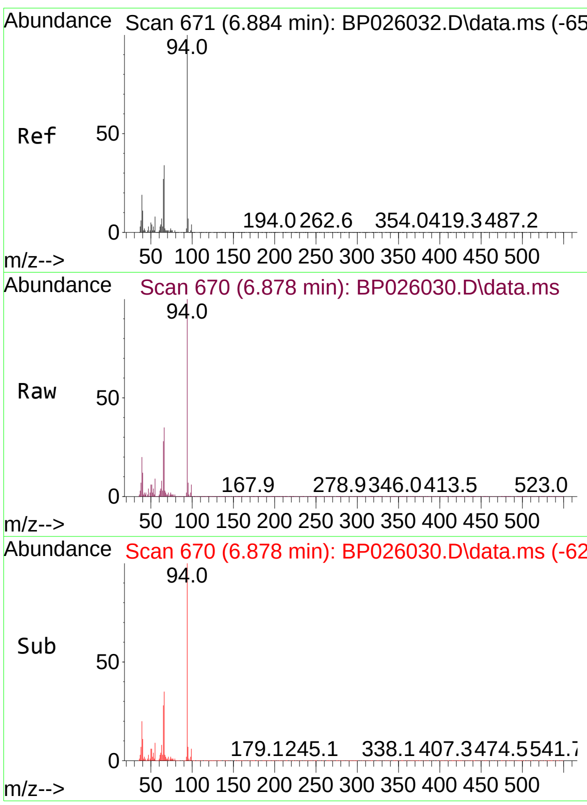
Ion	Ratio	Lower	Upper
77	100		
105	100.0	80.7	120.7
106	98.0	76.5	116.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

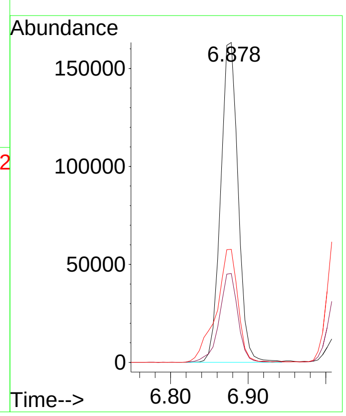




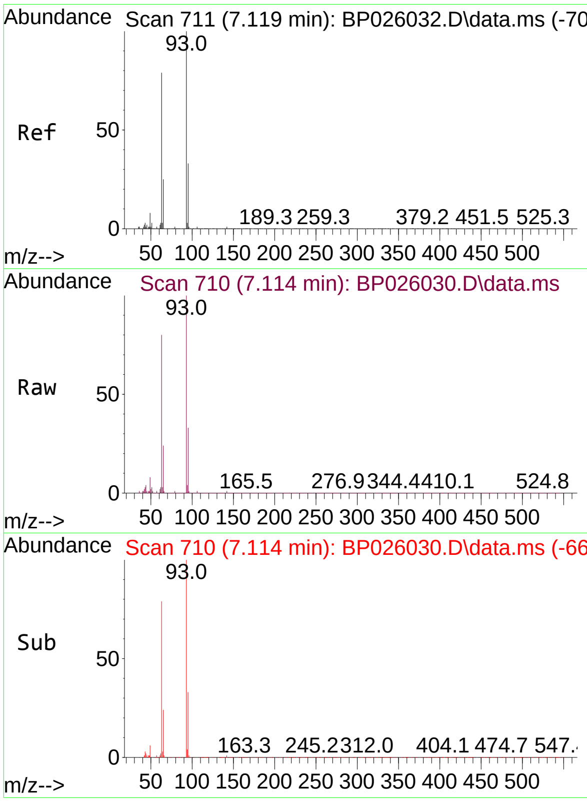
#10
Phenol
Concen: 10.340 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 94 Resp: 255762

Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.1	47.1
66	35.3	14.4	54.4



ICAL Form



#11
bis(2-Chloroethyl)ether
Concen: 10.612 ng
RT: 7.114 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

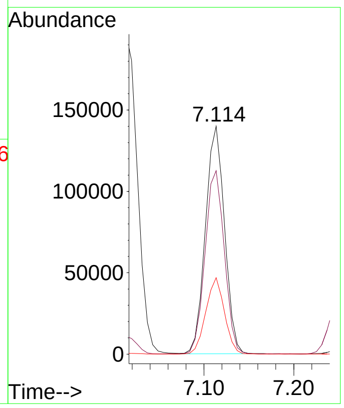
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

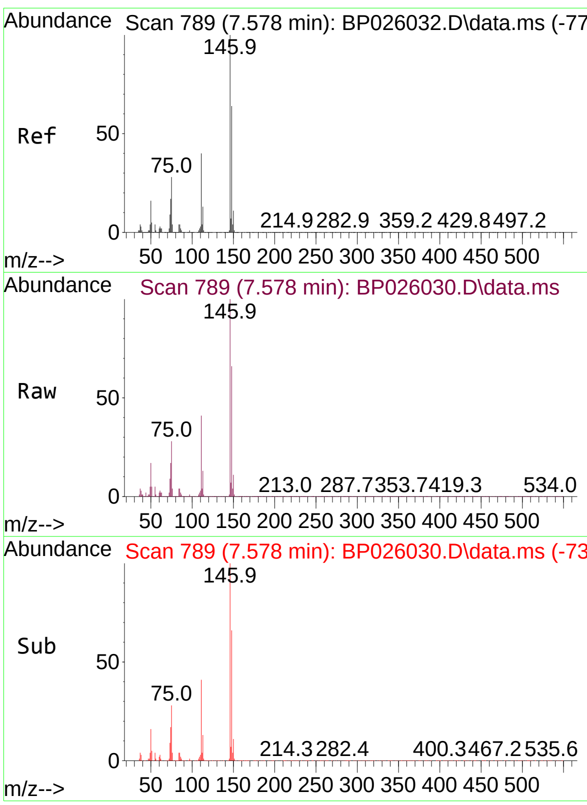
Tgt Ion: 93 Resp: 20715

Ion	Ratio	Lower	Upper
93	100		
63	80.5	59.1	99.1
95	33.5	12.6	52.6

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

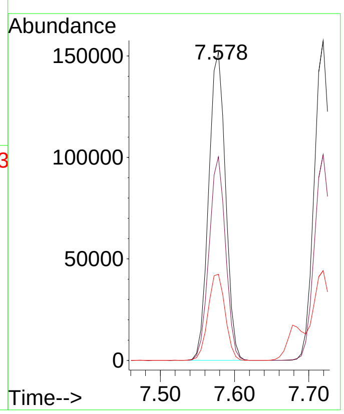




#12
1,3-Dichlorobenzene
Concen: 10.771 ng
RT: 7.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:146 Resp: 239783

Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.6	77.4
75	28.0	22.6	33.8



ICAL Form

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
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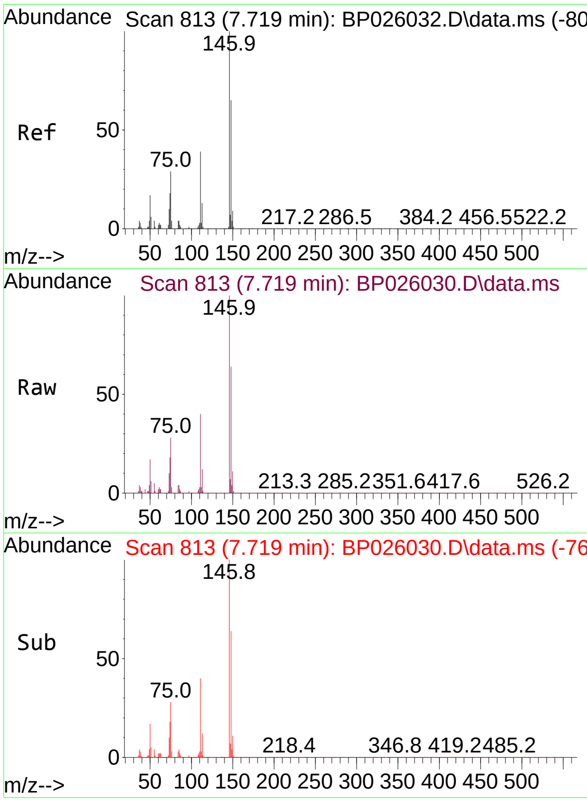
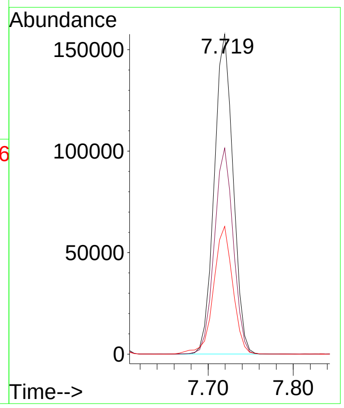
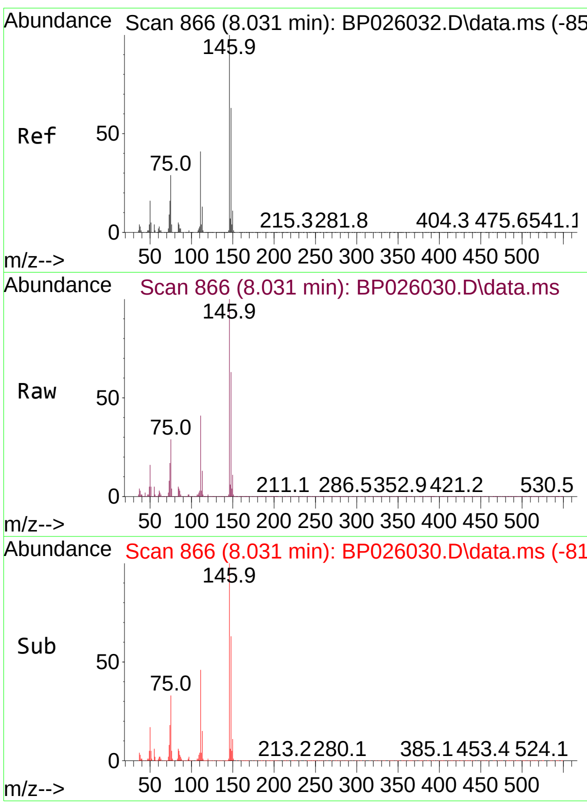



```
#13
1,4-Dichlorobenzene
Concen:   10.787 ng
RT:   7.719 min  Scan# 81
Delta R.T.  -0.006 min
Lab File:   BP026030.D
Acq: 29 Oct 2025  10:48

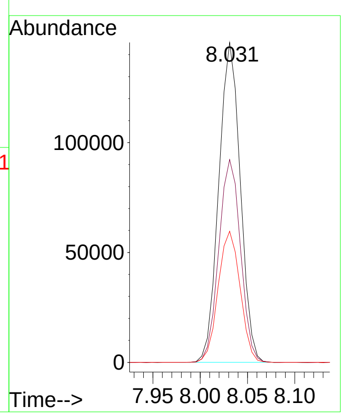
Tgt Ion:146 Resp:  242788
Ion  Ratio  Lower  Upper
146  100
148   64.4   52.2   78.2
111   39.9   31.3   46.9
```






```
#14
1,2-Dichlorobenzene
Concen:   10.729 ng
RT:   8.031 min  Scan# 866
Delta R.T.  0.000 min
Lab File:   BP026030.D
Acq: 29 Oct 2025  10:48

Tgt Ion:146 Resp:  230430
Ion  Ratio  Lower  Upper
146  100
148   63.4   50.8   76.2
111   41.0   33.0   49.4
```



ICAL Form

Instrument : BNA_P
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
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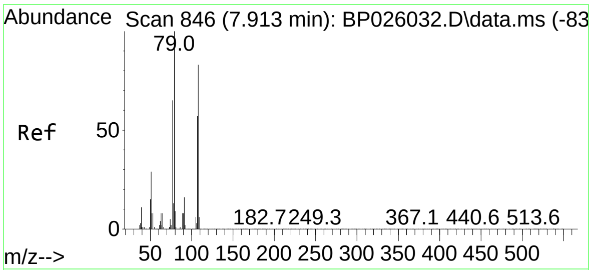
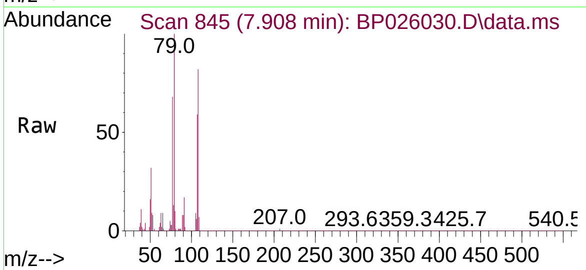
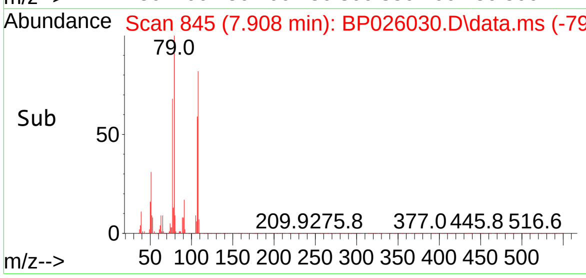


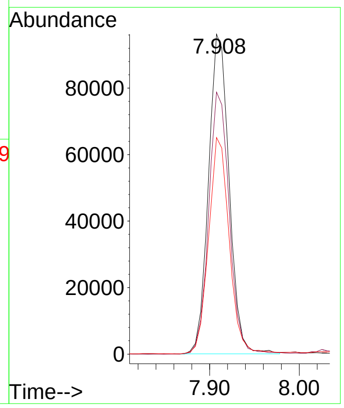


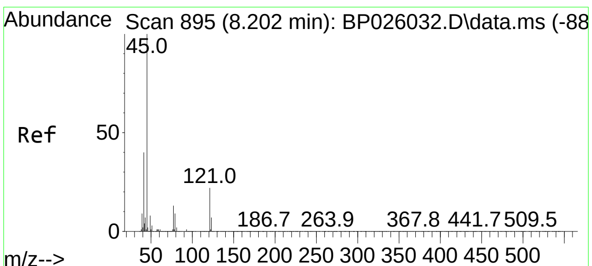


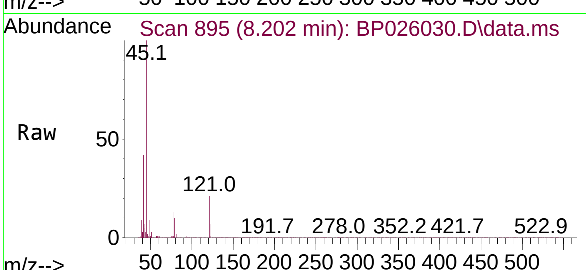
#15
Benzyl Alcohol
Concen: 9.618 ng
RT: 7.908 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

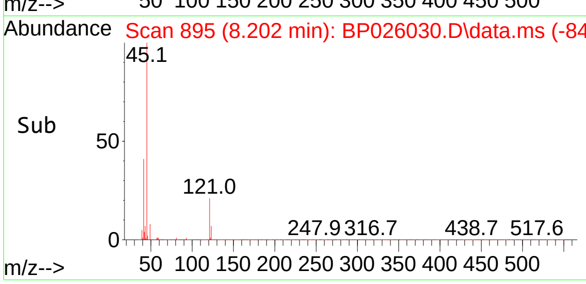
Tgt Ion: 79 Resp: 154491

Ion	Ratio	Lower	Upper
79	100		
108	81.9	66.0	99.0
77	67.7	52.3	78.5





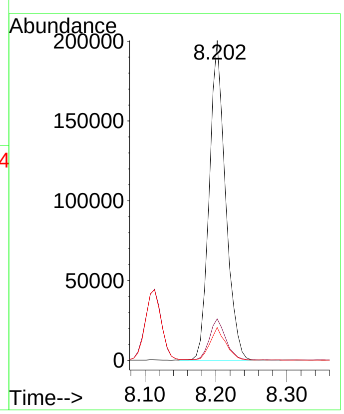




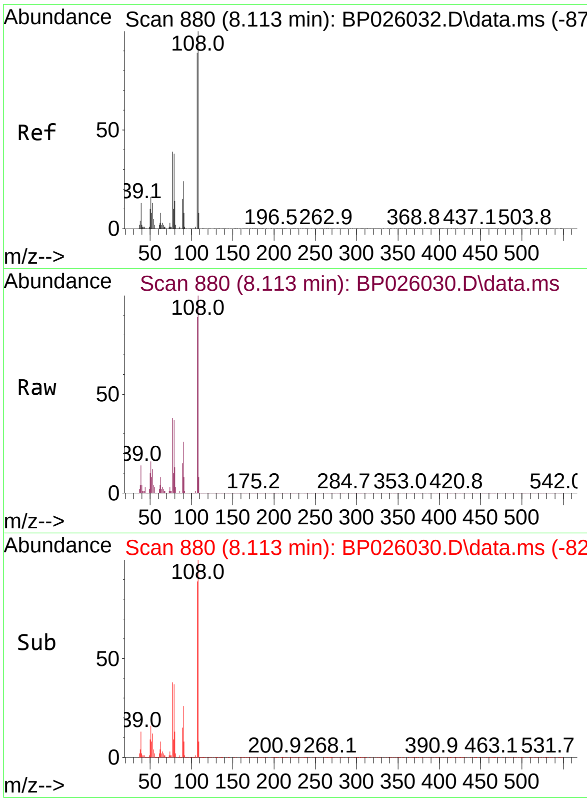
#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.818 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 45 Resp: 319172

Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	33.2
79	10.3	0.0	29.5



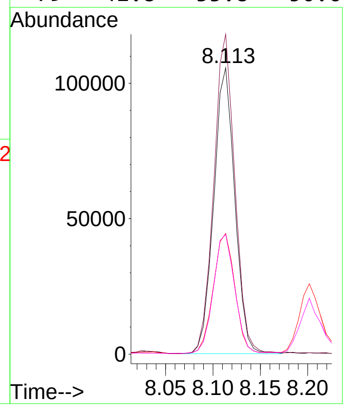
ICAL Form



#17
2-Methylphenol
Concen: 10.068 ng
RT: 8.113 min Scan# 88
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

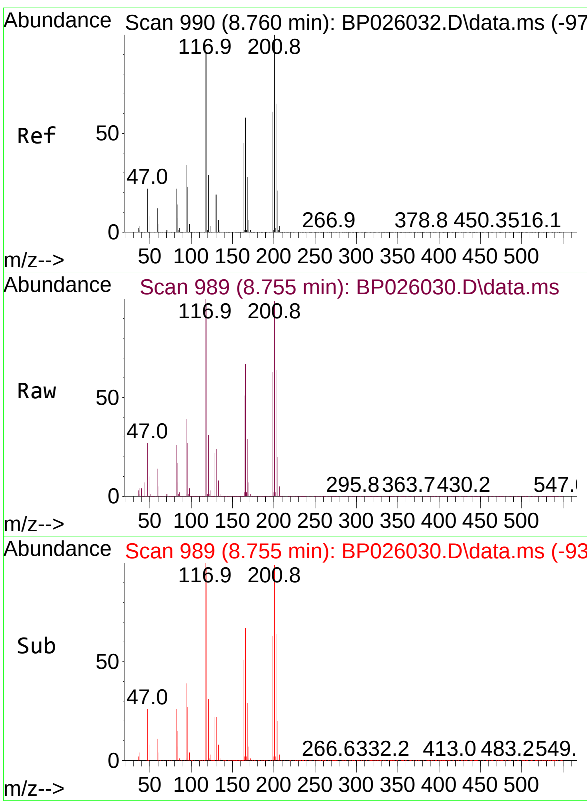
Tgt Ion:107 Resp: 163076

Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.8	134.8
77	42.2	34.8	52.2
79	41.8	33.8	50.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

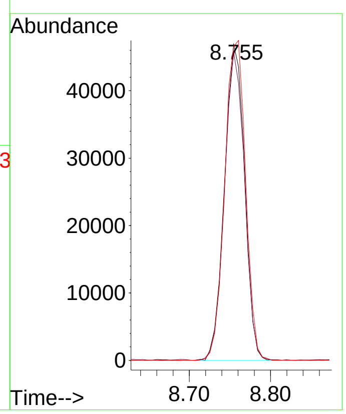
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



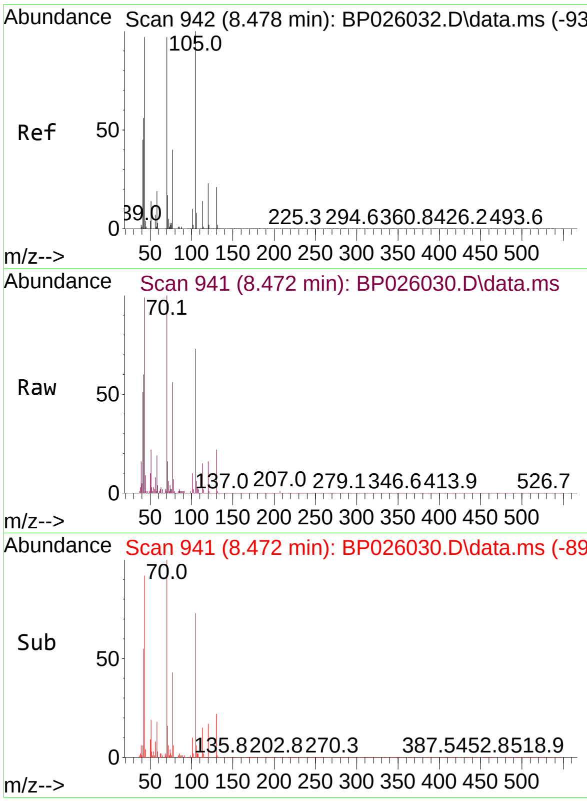
#18
Hexachloroethane
Concen: 10.537 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:117 Resp: 81158

Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.5	114.7
201	99.3	84.2	126.4



ICAL Form



#19
n-Nitroso-di-n-propylamine
Concen: 10.582 ng
RT: 8.472 min Scan# 94
Delta R.T. -0.017 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 70 Resp: 14635

Ion	Ratio	Lower	Upper
70	100		
42	60.0	47.2	70.8
101	9.8	8.2	12.2
130	21.8	17.7	26.5

Instrument :
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ClientSampleId :
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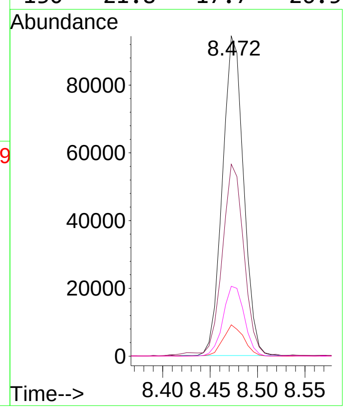
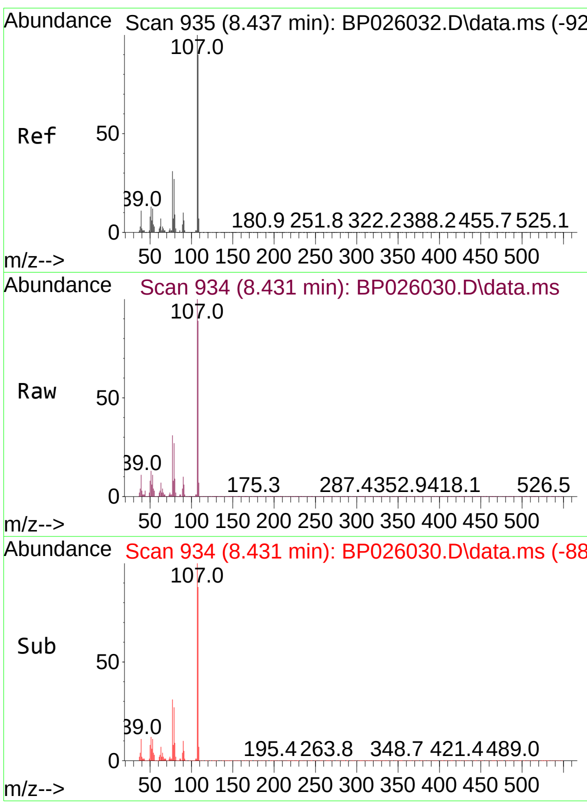
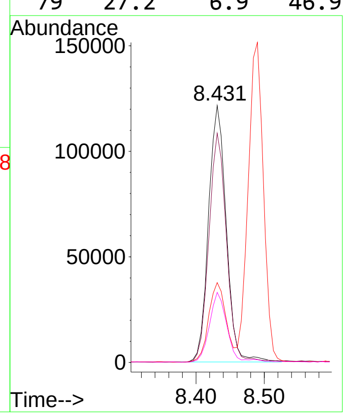




#20
3+4-Methylphenols
Concen: 9.746 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.011 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:107 Resp: 219610

Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.1	110.1
77	31.0	10.7	50.7
79	27.2	6.9	46.9



Instrument :
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ClientSampleId :
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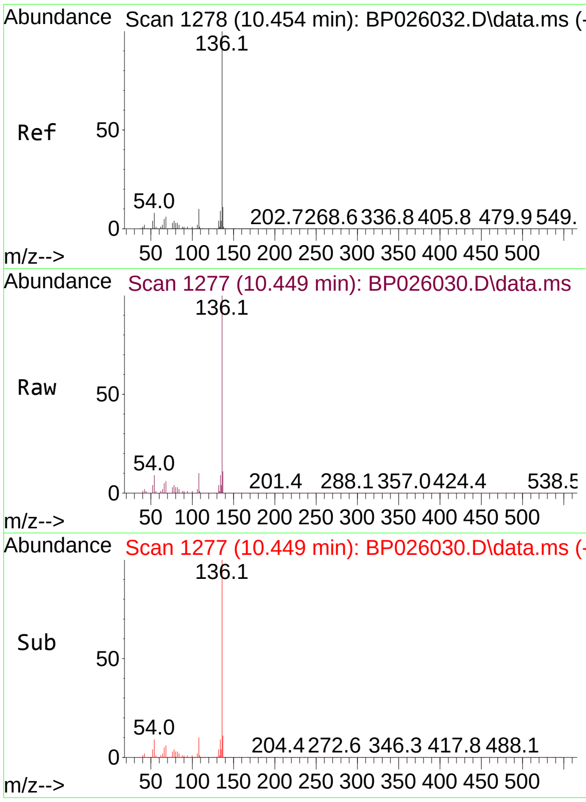
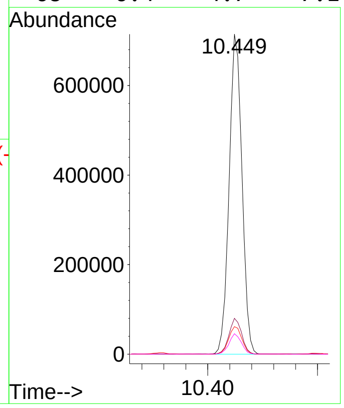
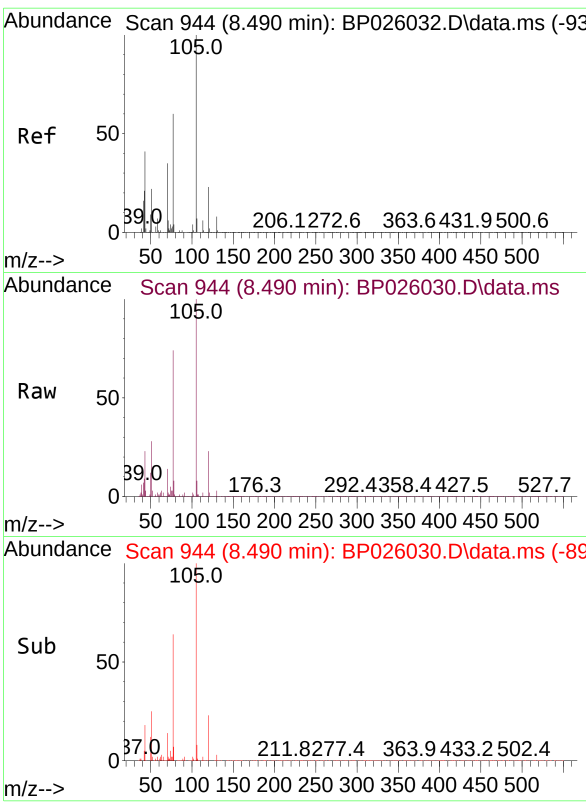


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:136 Resp: 115828

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.6	6.6	10.0
68	6.4	4.7	7.1

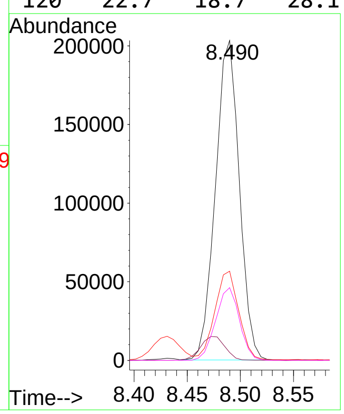


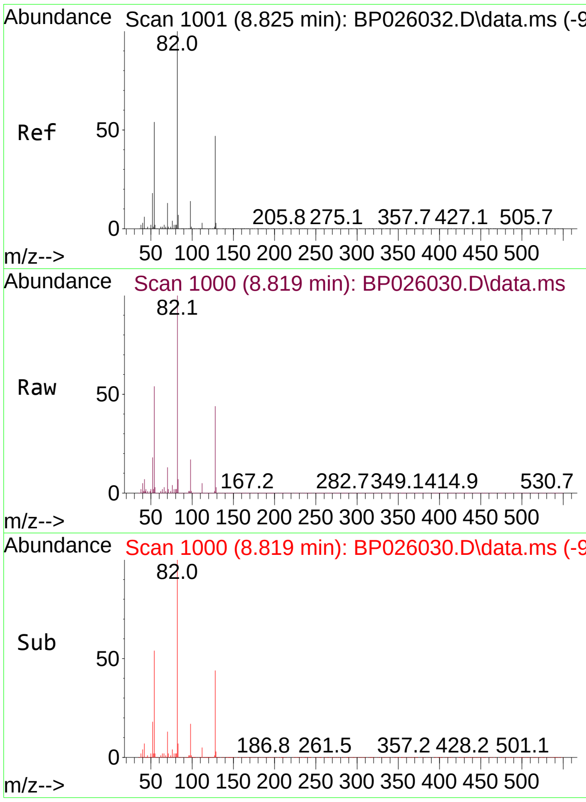


#22
Acetophenone
Concen: 10.842 ng
RT: 8.490 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:105 Resp: 317614

Ion	Ratio	Lower	Upper
105	100		
71	2.5	4.7	7.1#
51	27.9	21.8	32.8
120	22.7	18.7	28.1





#23
Nitrobenzene-d5
Concen: 19.781 ng
RT: 8.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
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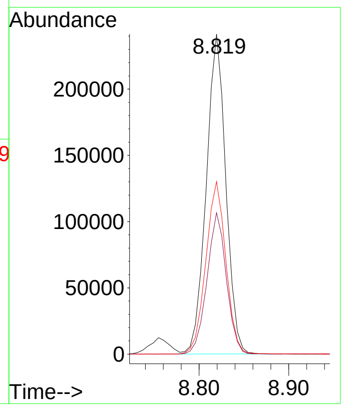
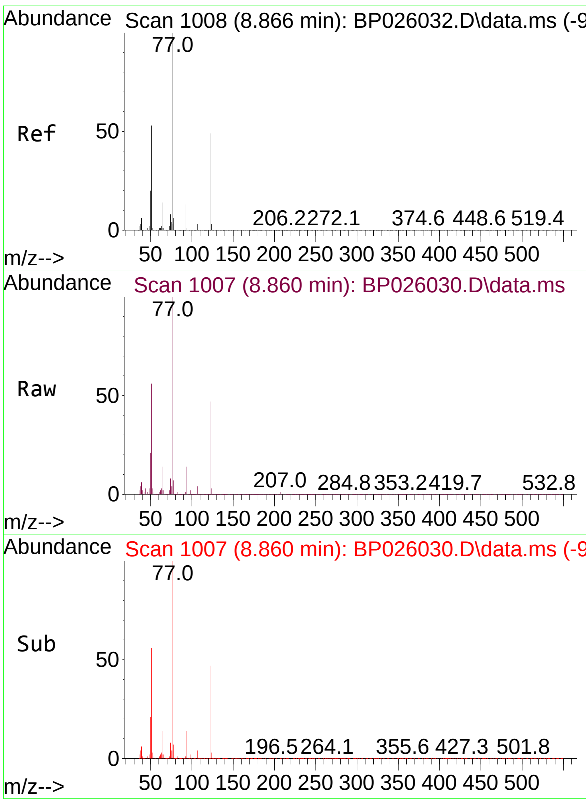
Tgt Ion: 82 Resp: 36753

Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.4	56.0
54	53.9	42.7	64.1

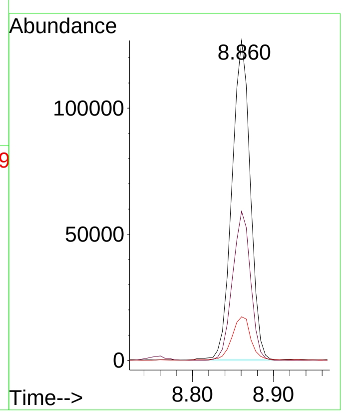


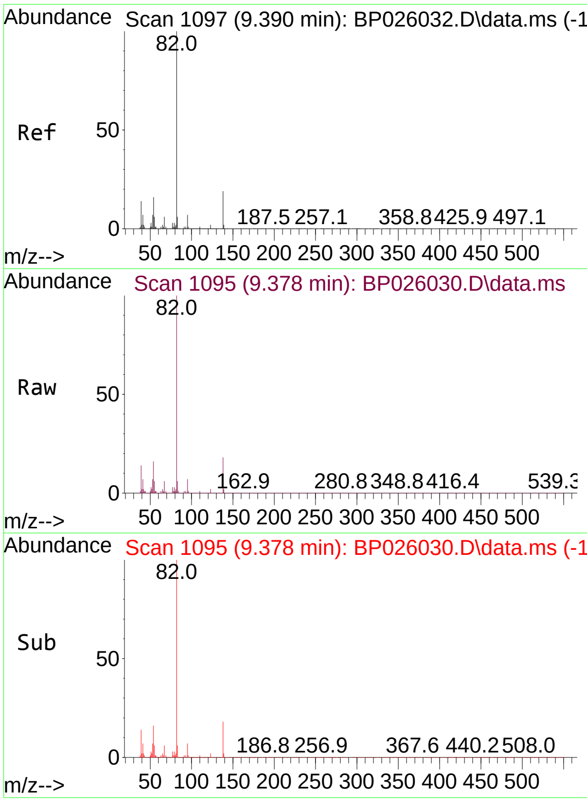


#24
Nitrobenzene
Concen: 10.199 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 77 Resp: 200078

Ion	Ratio	Lower	Upper
77	100		
123	46.6	39.0	58.4
65	13.6	10.9	16.3

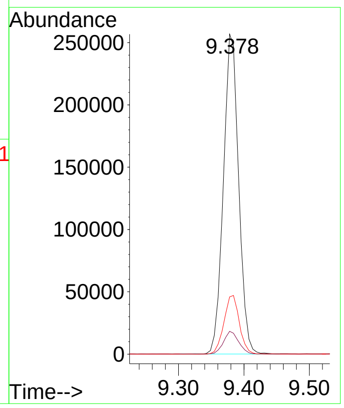




#25
Isophorone
Concen: 10.506 ng
RT: 9.378 min Scan# 10
Delta R.T. -0.011 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 82 Resp: 41783

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	17.9	15.0	22.6



Instrument :
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ClientSampleId :
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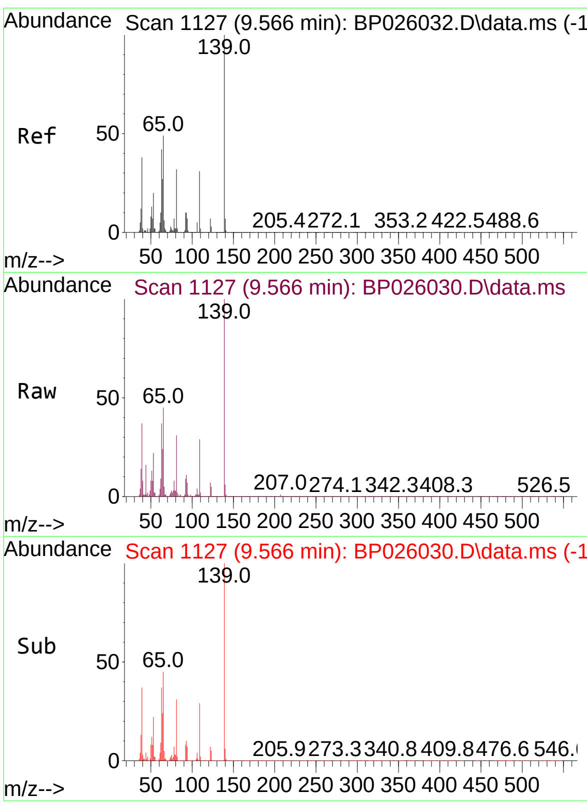
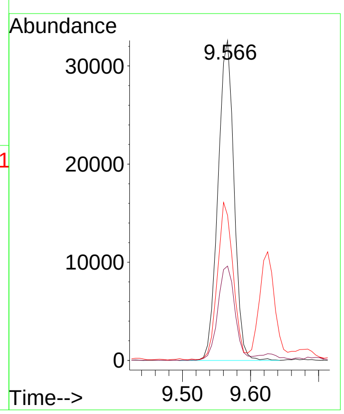


#26
2-Nitrophenol
Concen: 9.634 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:139 Resp: 53200

Ion	Ratio	Lower	Upper
139	100		
109	29.5	24.8	37.2
65	45.3	39.0	58.4



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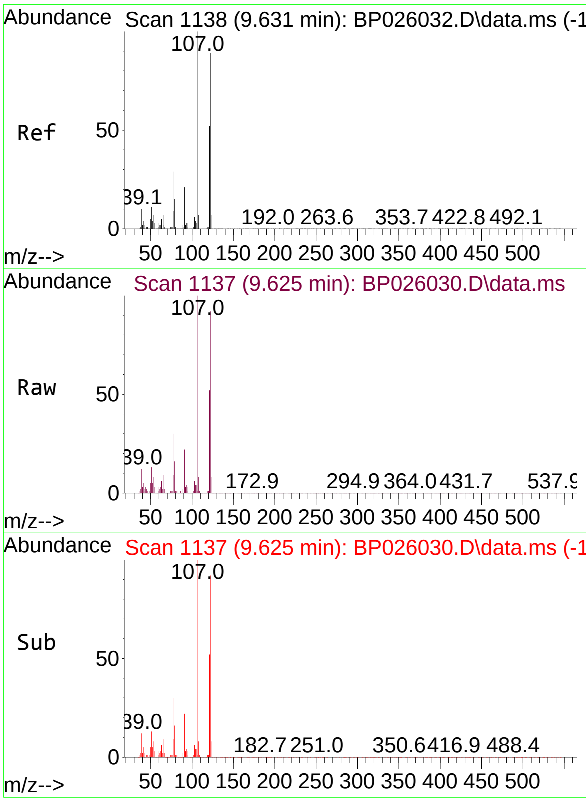

#27
2,4-Dimethylphenol
Concen: 10.585 ng
RT: 9.625 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:122 Resp: 17702

Ion	Ratio	Lower	Upper
122	100		
107	109.1	89.2	133.8
121	57.0	46.3	69.5

Instrument :
BNA_P
ClientSampleId :
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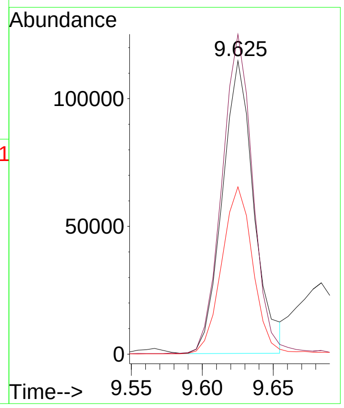
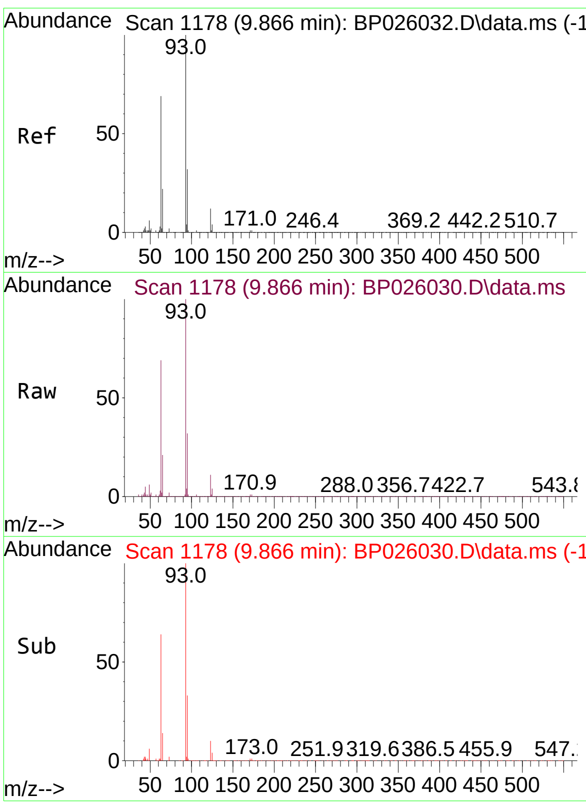
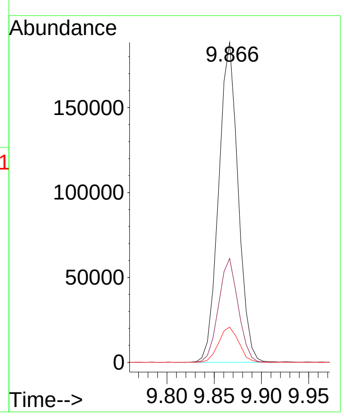


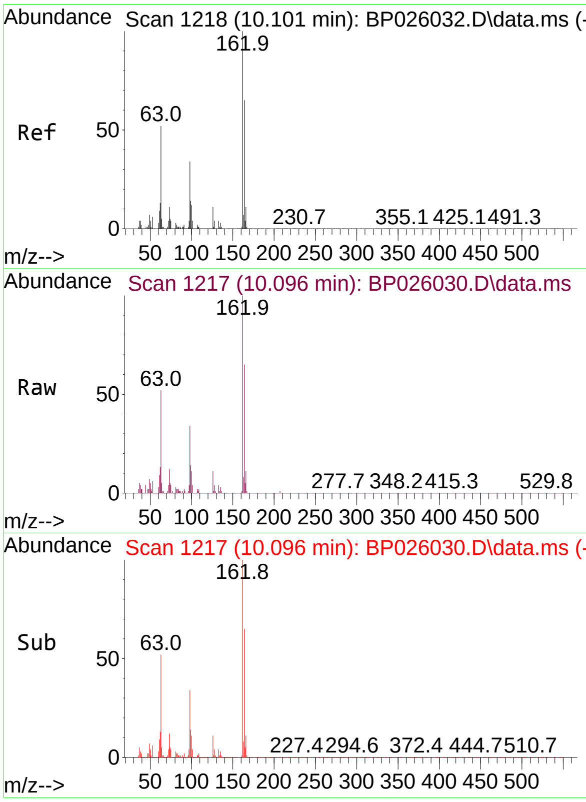


#28
bis(2-Chloroethoxy)methane
Concen: 10.772 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 93 Resp: 269975

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.6
123	11.0	9.3	13.9

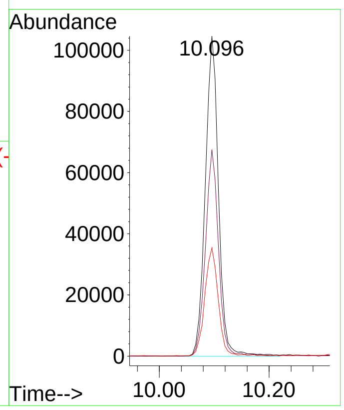




#29
2,4-Dichlorophenol
Concen: 9.911 ng
RT: 10.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:162 Resp: 17501

Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	33.8	14.0	54.0



Instrument :
BNA_P
ClientSampleId :
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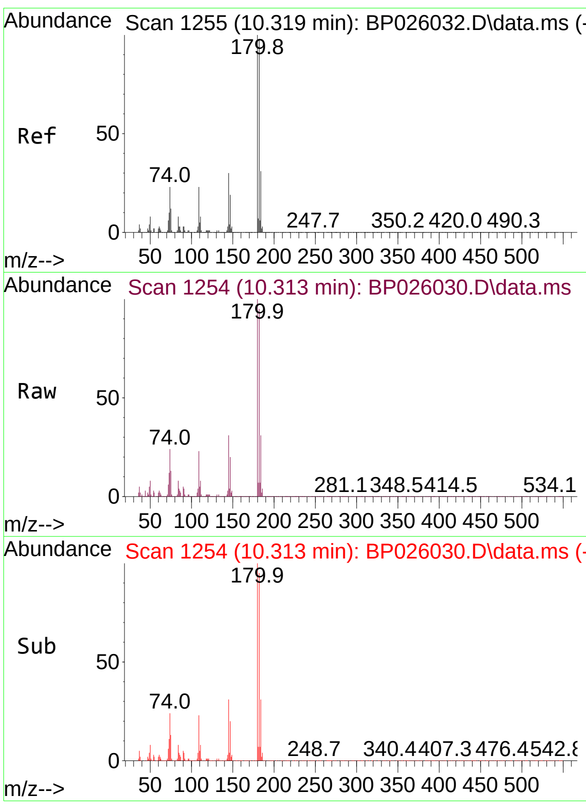
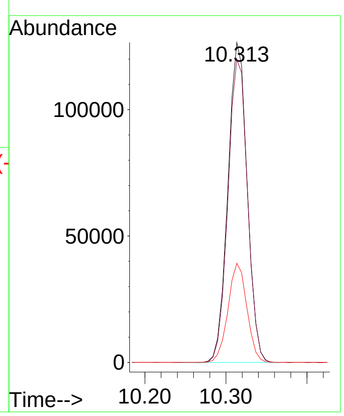


#30
1,2,4-Trichlorobenzene
Concen: 10.893 ng
RT: 10.313 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:180 Resp: 209064

Ion	Ratio	Lower	Upper
180	100		
182	94.7	78.6	117.8
145	31.0	24.2	36.4



Instrument :
BNA_P
ClientSampleId :
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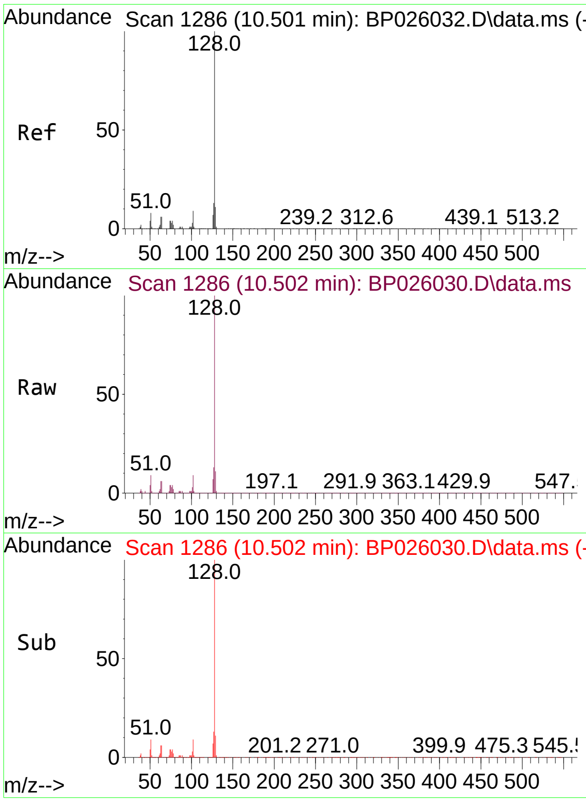
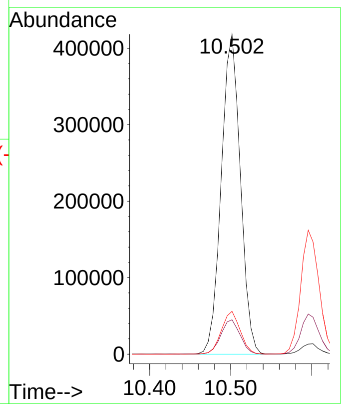
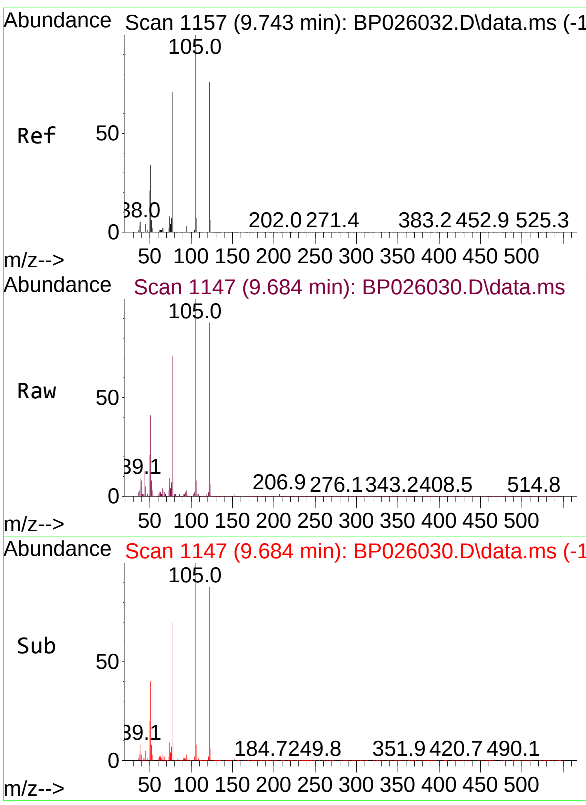


#31
Naphthalene
Concen: 10.833 ng
RT: 10.502 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:128 Resp: 68422

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.4	10.5	15.7

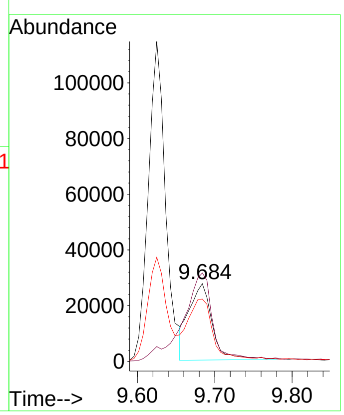


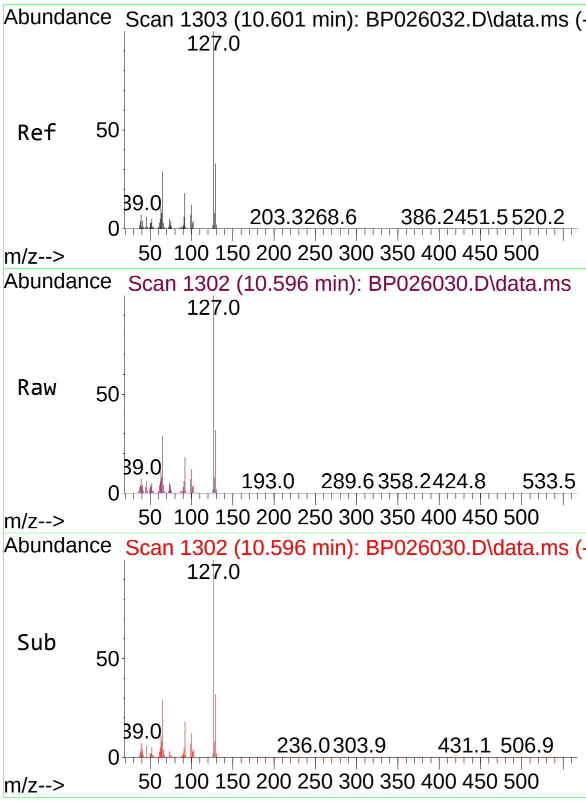


#32
Benzoic acid
Concen: 10.150 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.094 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:122 Resp: 58000

Ion	Ratio	Lower	Upper
122	100		
105	113.7	104.8	144.8
77	80.2	70.9	110.9

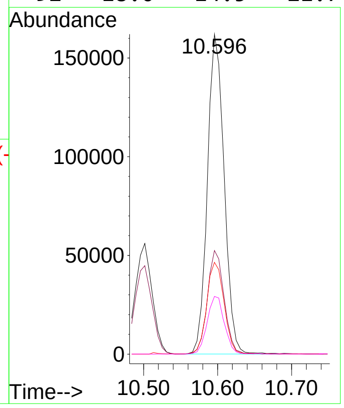




#33
4-Chloroaniline
Concen: 10.507 ng
RT: 10.596 min Scan# 13
Delta R.T. 0.001 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:127 Resp: 25502

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	28.7	23.2	34.8
92	18.0	14.5	21.7



Instrument :
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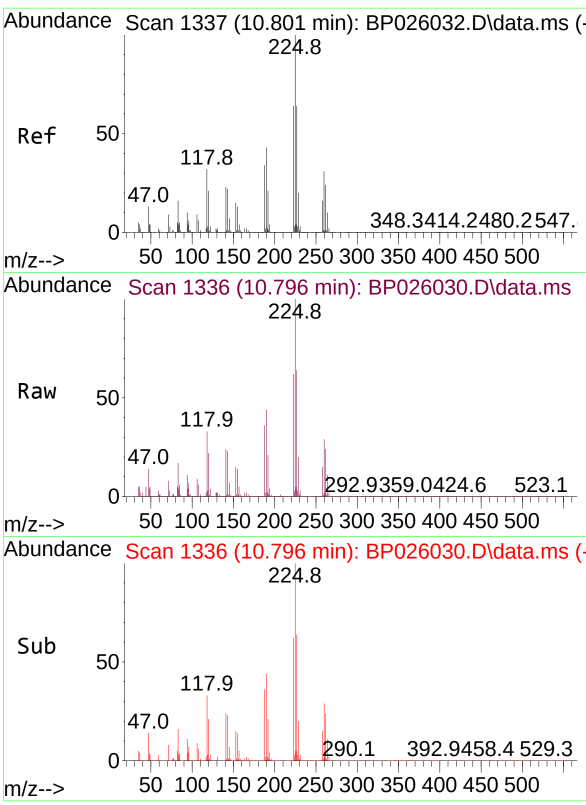
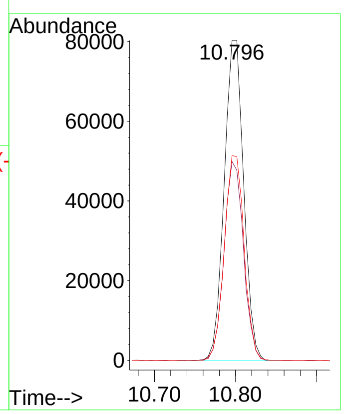


#34
Hexachlorobutadiene
Concen: 10.977 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:225 Resp: 133883

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.9	76.3
227	64.0	51.0	76.4



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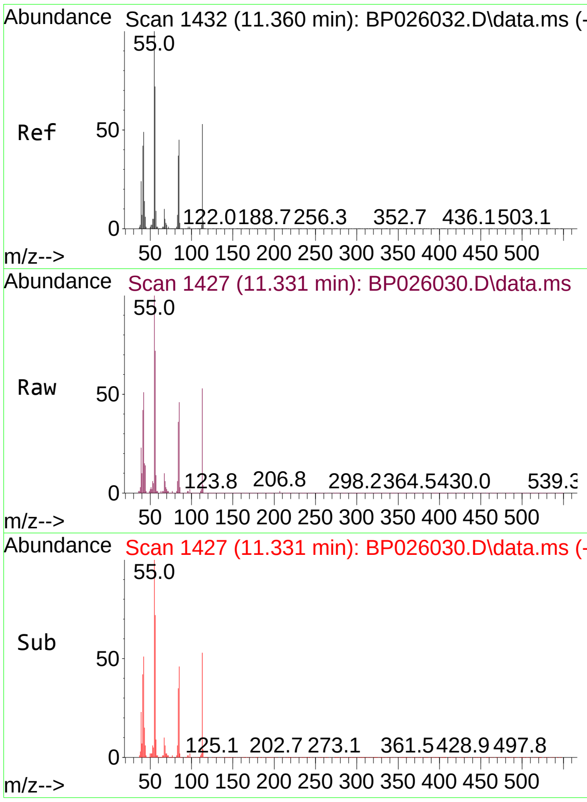

#35
Caprolactam
Concen: 9.290 ng
RT: 11.331 min Scan# 14
Delta R.T. -0.053 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:113 Resp: 57604

Ion	Ratio	Lower	Upper
113	100		
55	188.3	169.9	209.9
56	135.3	116.7	156.7

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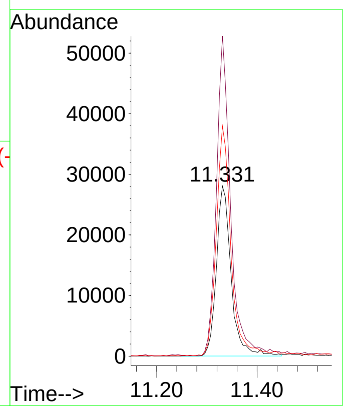
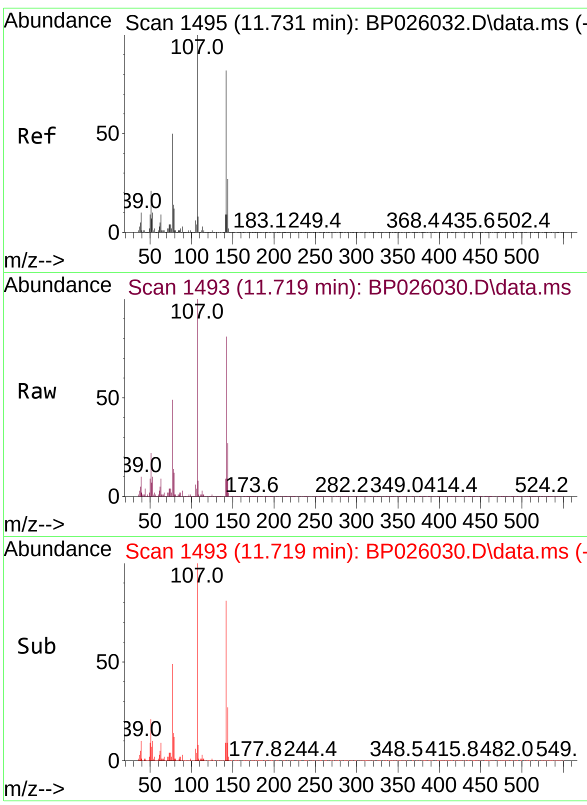
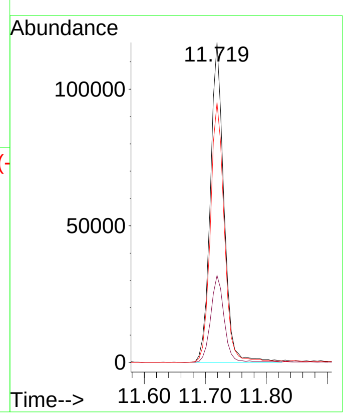




#36
4-Chloro-3-methylphenol
Concen: 9.808 ng
RT: 11.719 min Scan# 1493
Delta R.T. -0.011 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:107 Resp: 181561

Ion	Ratio	Lower	Upper
107	100		
144	27.2	21.3	31.9
142	81.2	65.2	97.8



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Instrument :
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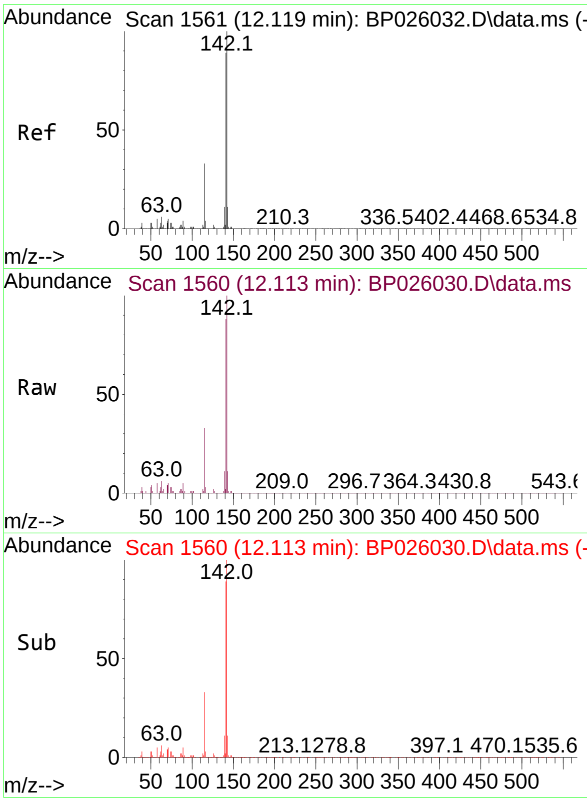
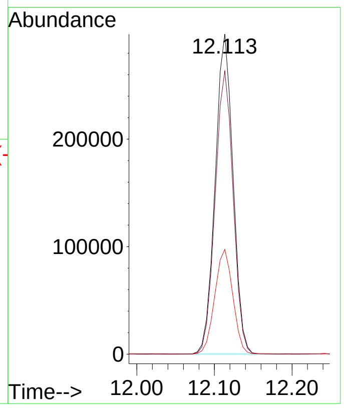
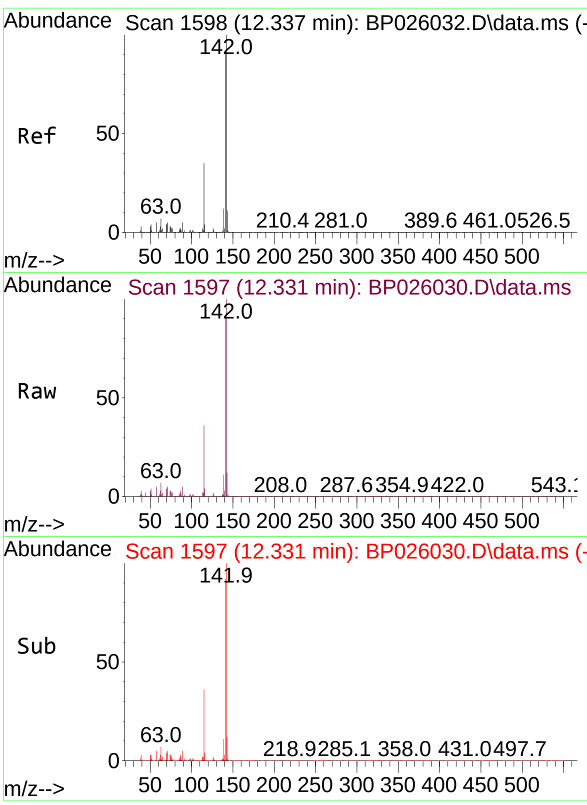


#37
2-Methylnaphthalene
Concen: 10.783 ng
RT: 12.113 min Scan# 1!
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:142 Resp: 47669

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4
115	32.8	26.6	39.8

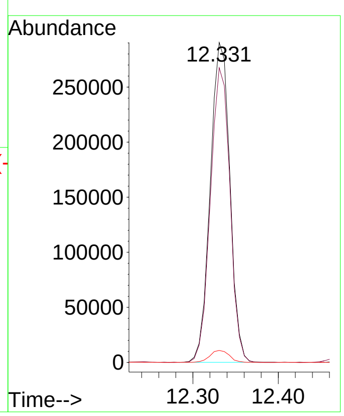




#38
1-Methylnaphthalene
Concen: 10.801 ng
RT: 12.331 min Scan# 1597
Delta R.T. -0.005 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:142 Resp: 463905

Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.7	109.1
116	3.7	2.9	4.3



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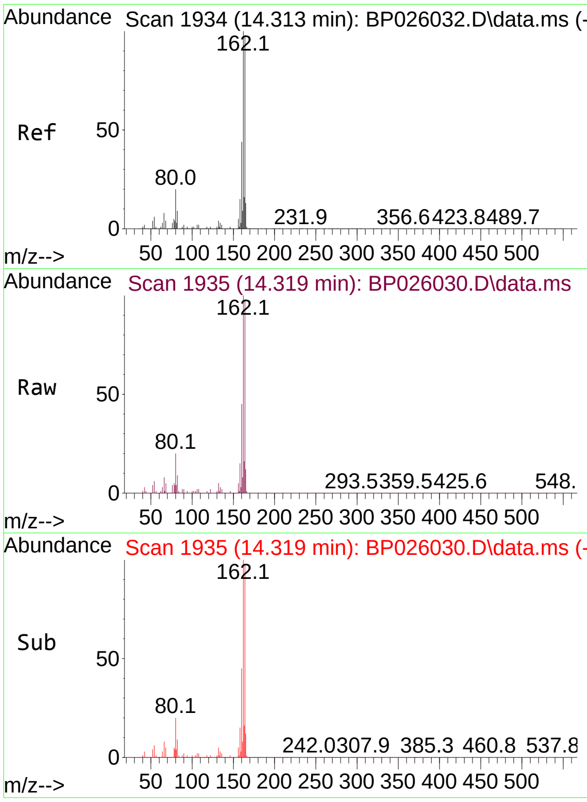

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:164 Resp: 73456

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.5	122.3
160	45.7	36.2	54.4

Instrument :
BNA_P
ClientSampleId :
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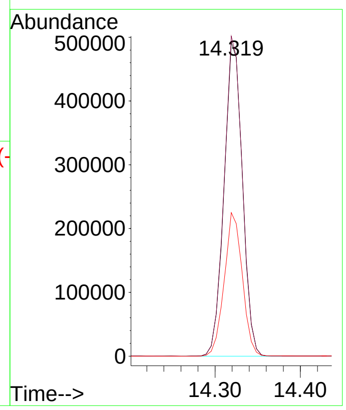
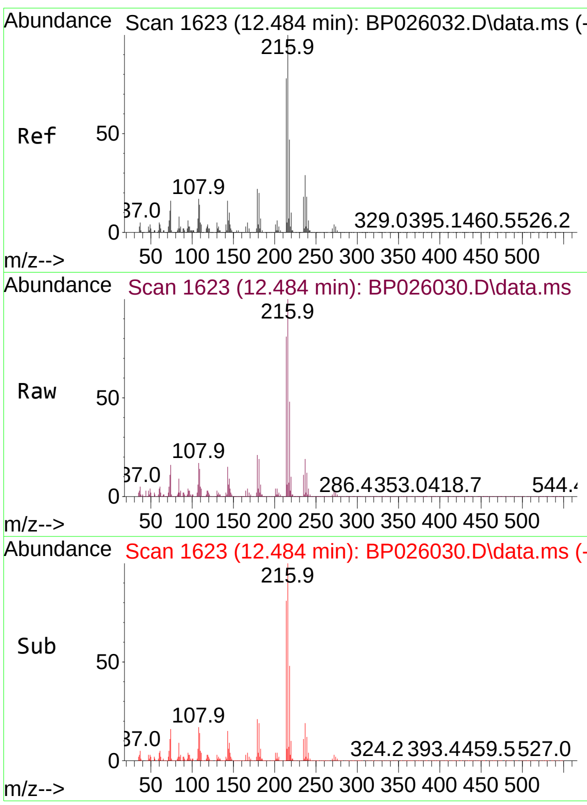
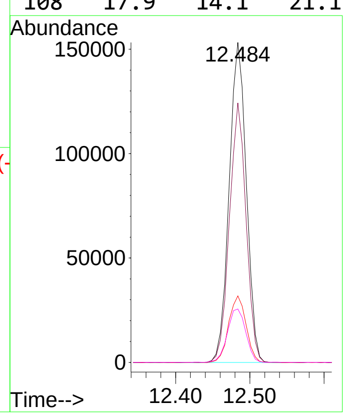




#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.776 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:216 Resp: 245958

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.9	94.3
179	21.1	16.9	25.3
108	17.9	14.1	21.1



Instrument :
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ClientSampleId :
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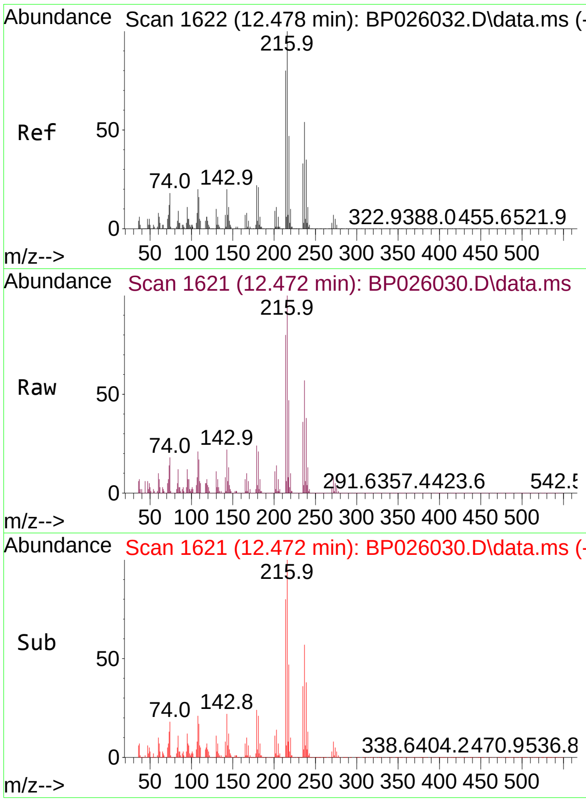
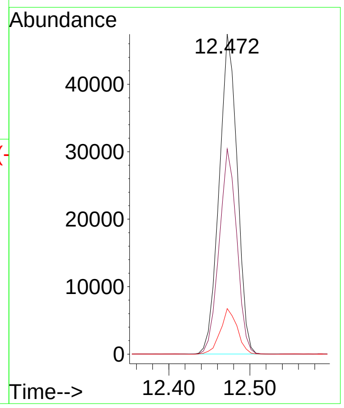
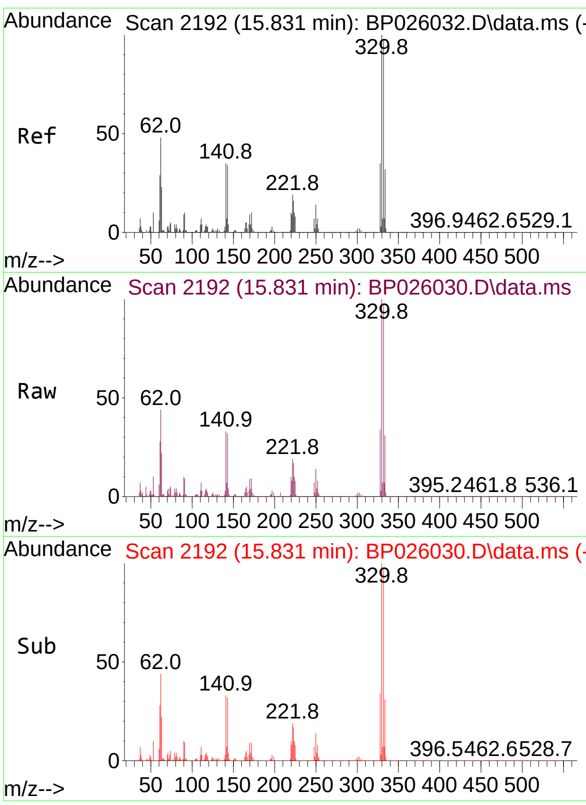


#41
Hexachlorocyclopentadiene
Concen: 8.806 ng
RT: 12.472 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:237 Resp: 73538

Ion	Ratio	Lower	Upper
237	100		
235	64.1	40.4	80.4
272	14.2	0.0	32.2

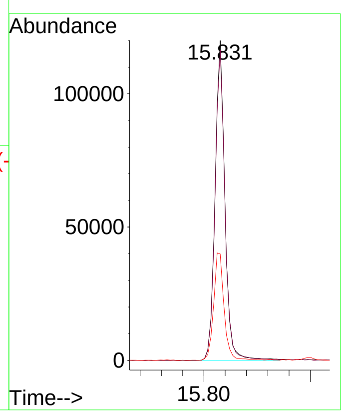




#42
2,4,6-Tribromophenol
Concen: 19.502 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:330 Resp: 154869

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	35.8	28.6	42.8



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Instrument :
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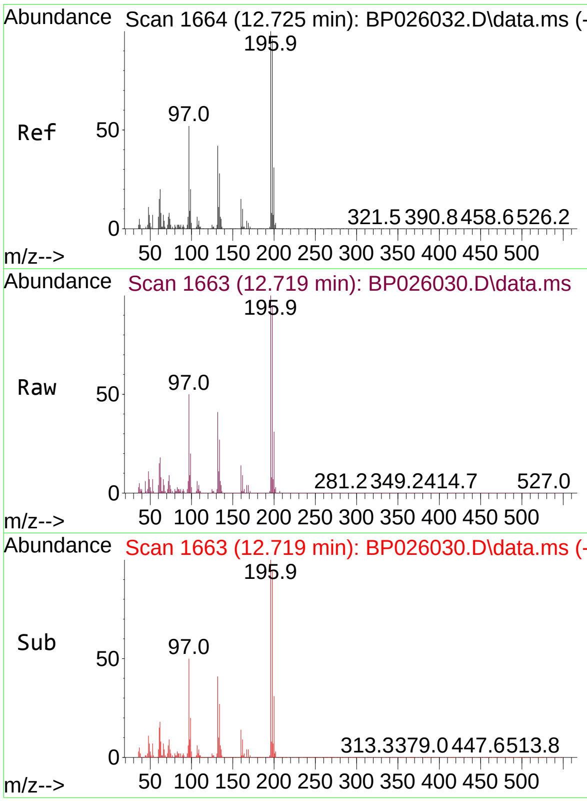
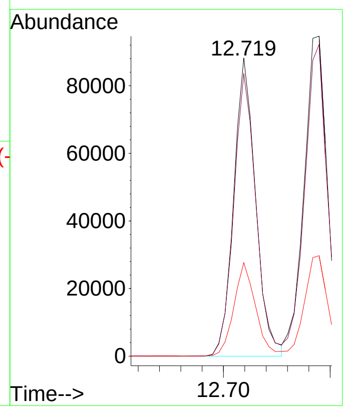
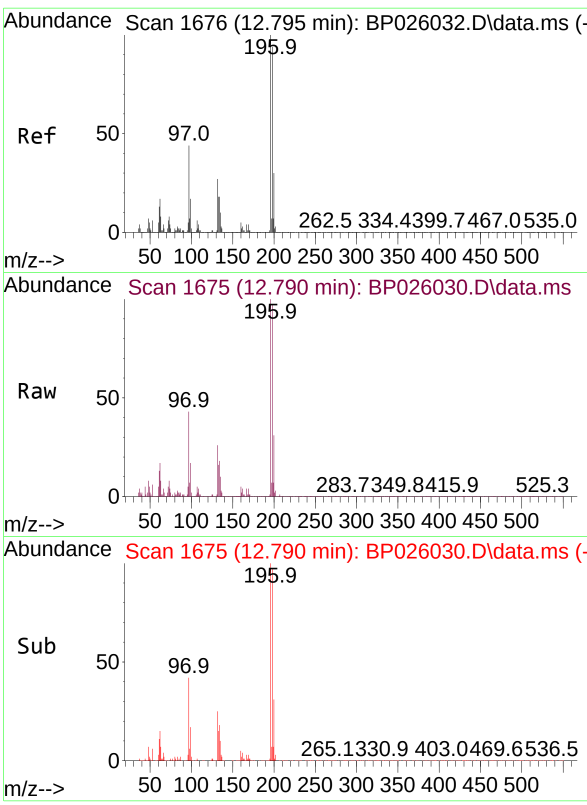


#43
2,4,6-Trichlorophenol
Concen: 9.317 ng
RT: 12.719 min Scan# 16
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:196 Resp: 12569

Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.5	114.7
200	31.3	24.4	36.6

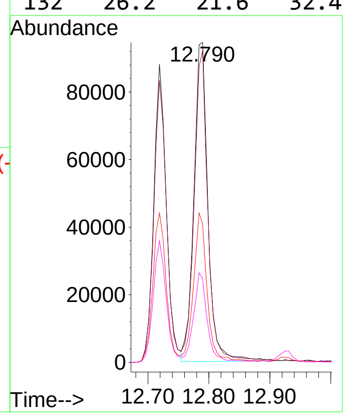




#44
2,4,5-Trichlorophenol
Concen: 9.868 ng
RT: 12.790 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:196 Resp: 151902

Ion	Ratio	Lower	Upper
196	100		
198	97.4	75.1	112.7
97	43.3	35.5	53.3
132	26.2	21.6	32.4



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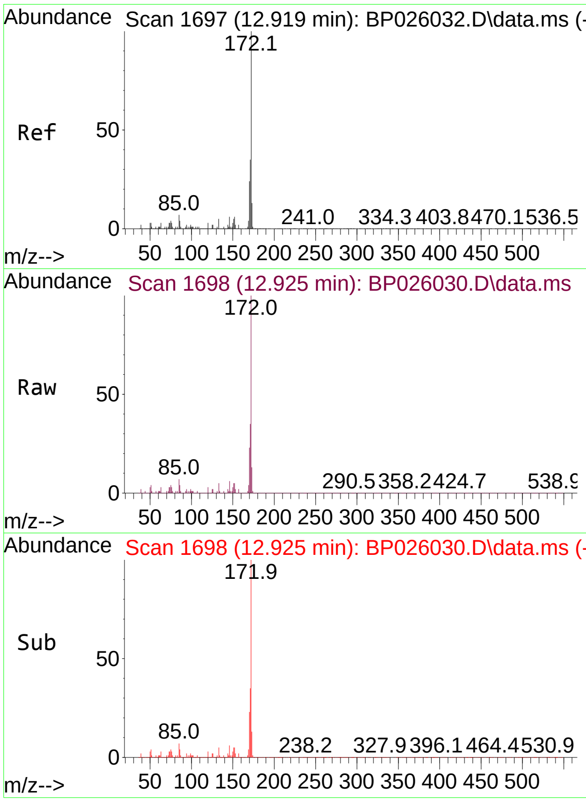
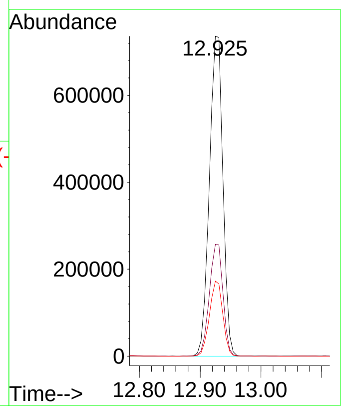


#45
2-Fluorobiphenyl
Concen: 22.262 ng
RT: 12.925 min Scan# 16
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:172 Resp: 113807

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.4	19.0	28.4



Instrument :
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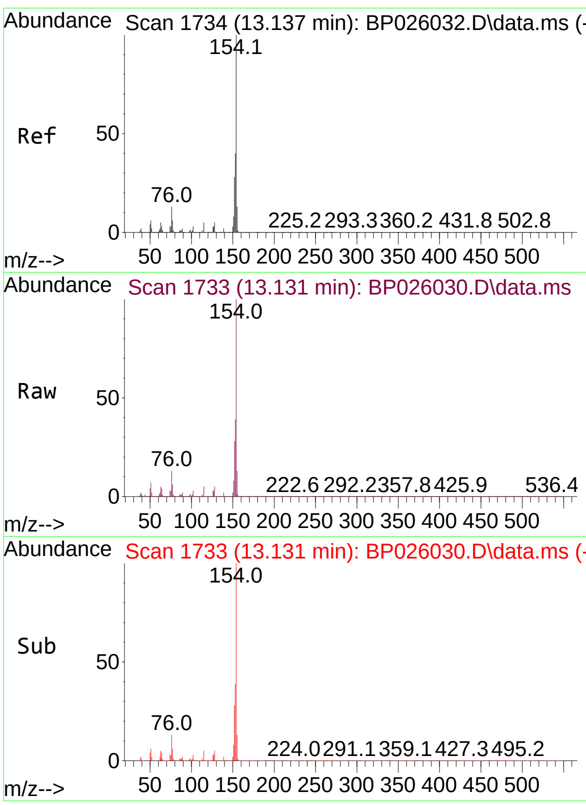
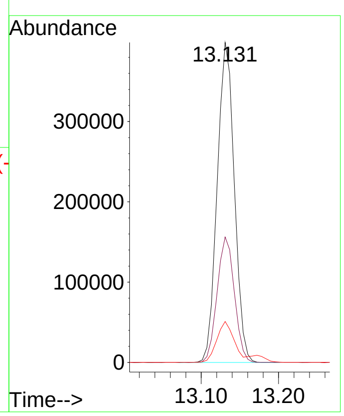


#46
1,1'-Biphenyl
Concen: 10.924 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:154 Resp: 614441

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.2	60.2
76	12.8	0.0	32.8



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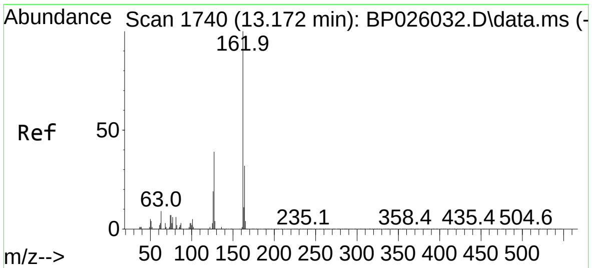

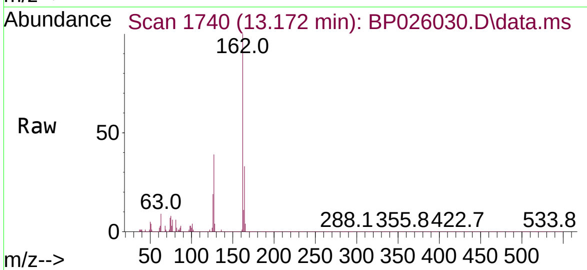

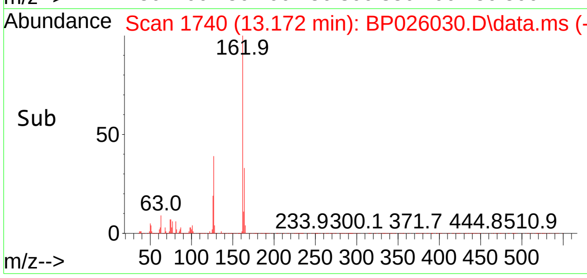

#47
2-Chloronaphthalene
Concen: 10.824 ng
RT: 13.172 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:162 Resp: 47902

Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.4	47.2
164	33.3	25.9	38.9

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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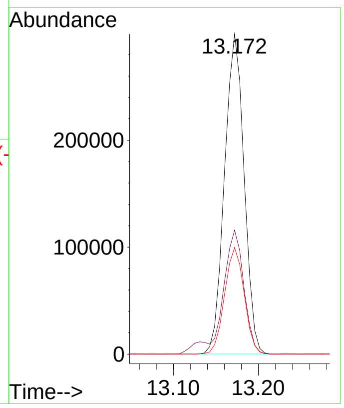
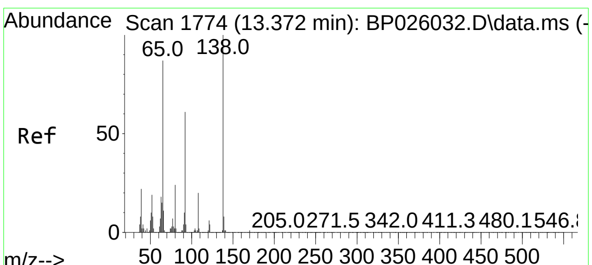
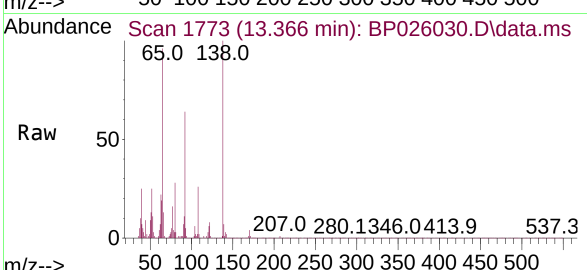
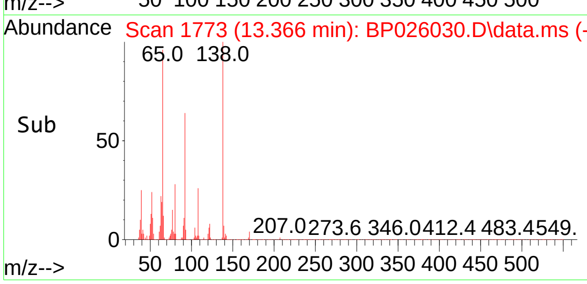




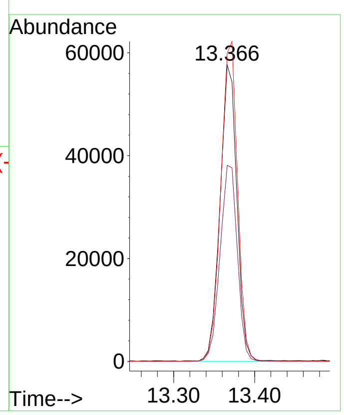


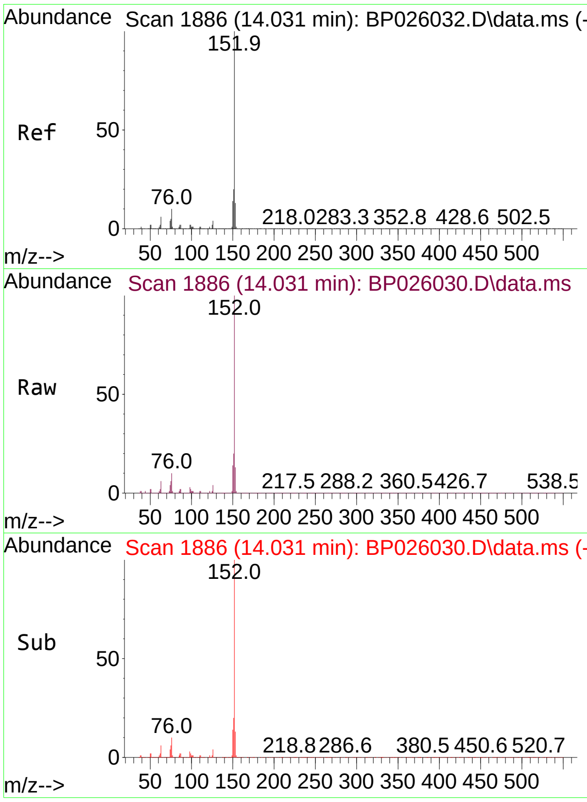


#48
2-Nitroaniline
Concen: 9.741 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 65 Resp: 83149

Ion	Ratio	Lower	Upper
65	100		
92	66.2	55.5	83.3
138	104.1	91.7	137.5





#49
Acenaphthylene
Concen: 10.506 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.005 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 67762

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.3	10.6	16.0

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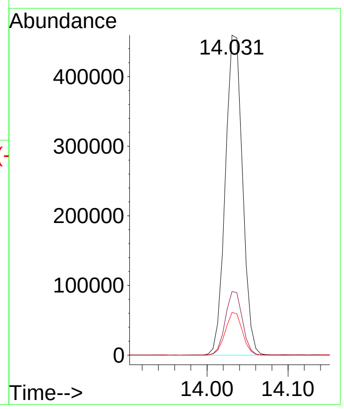
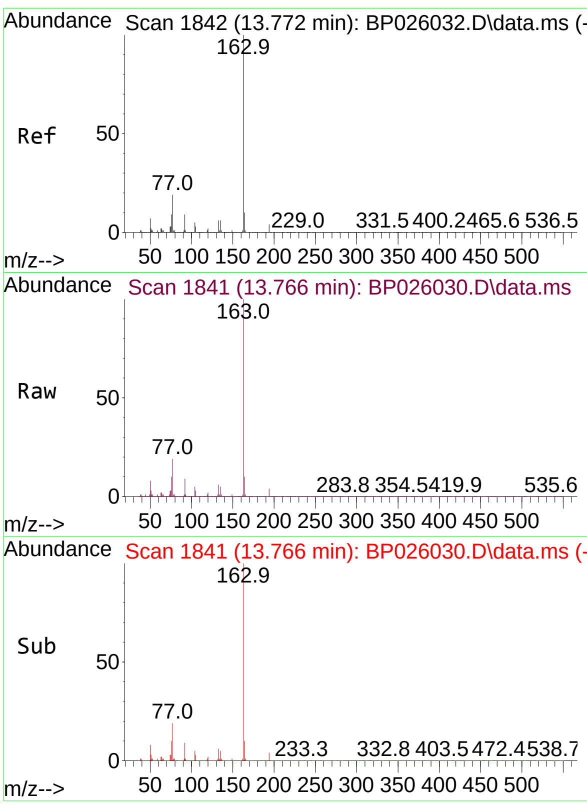
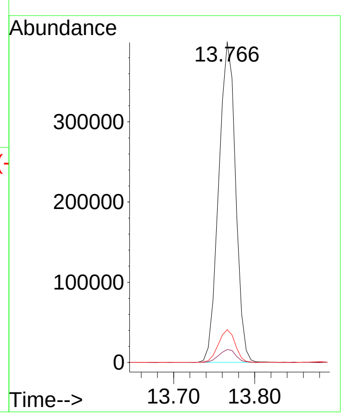


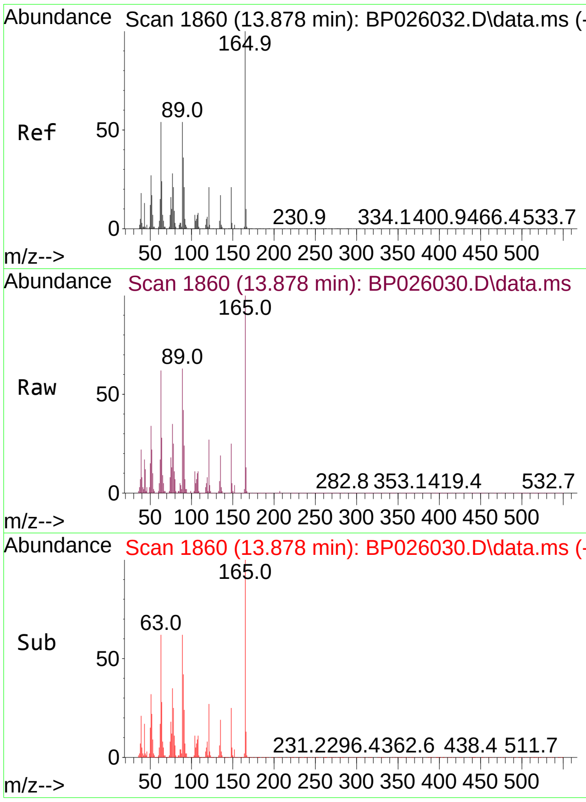


#50
Dimethylphthalate
Concen: 10.820 ng
RT: 13.766 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:163 Resp: 578145

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.2	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 9.731 ng
RT: 13.878 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 71941

Ion	Ratio	Lower	Upper
165	100		
63	62.2	43.0	64.4
89	62.6	43.0	64.4

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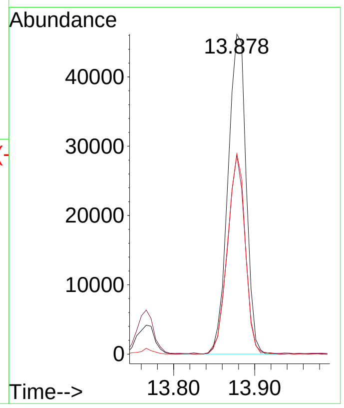
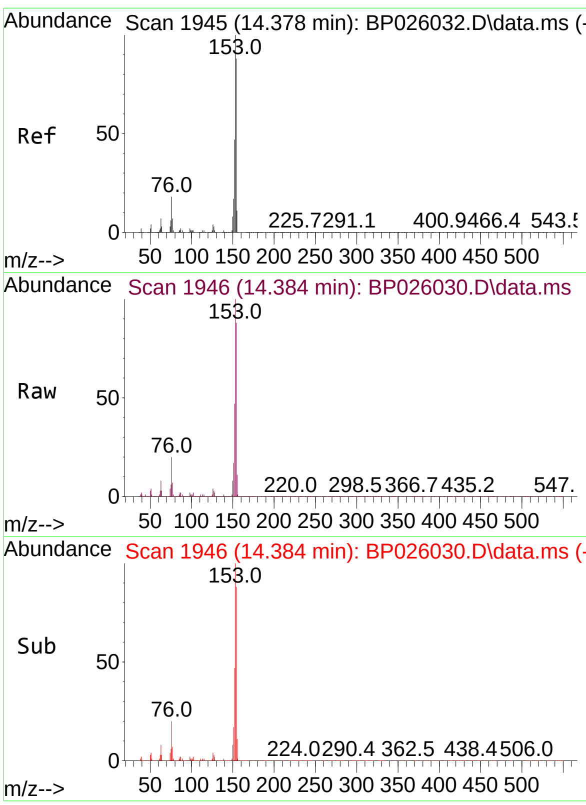
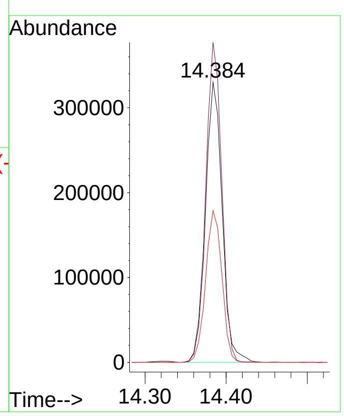




#52
Acenaphthene
Concen: 10.658 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.001 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:154 Resp: 471935

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.0	136.4
152	54.1	42.7	64.1



Instrument :
BNA_P
ClientSampleId :
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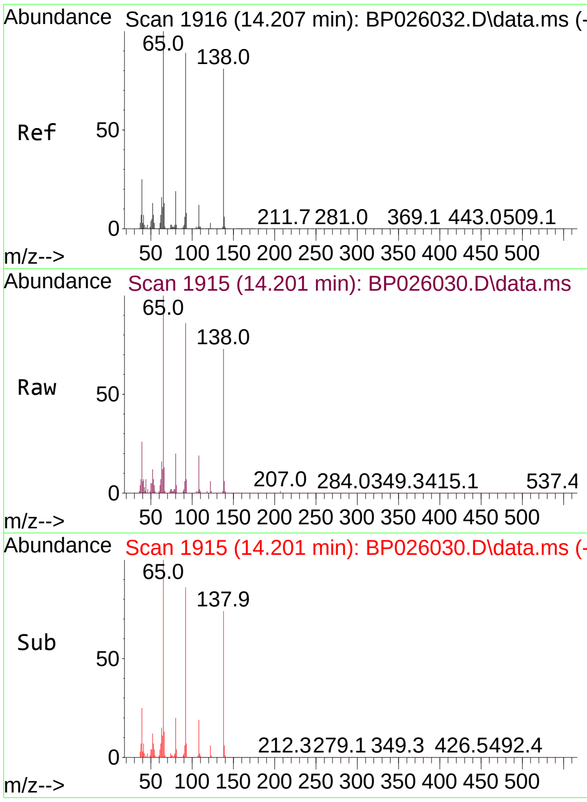
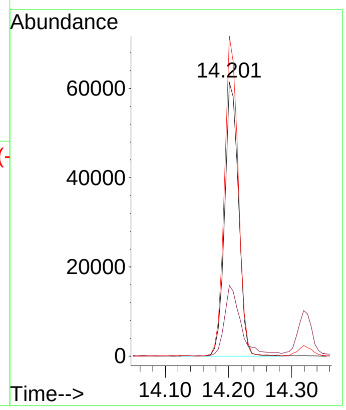
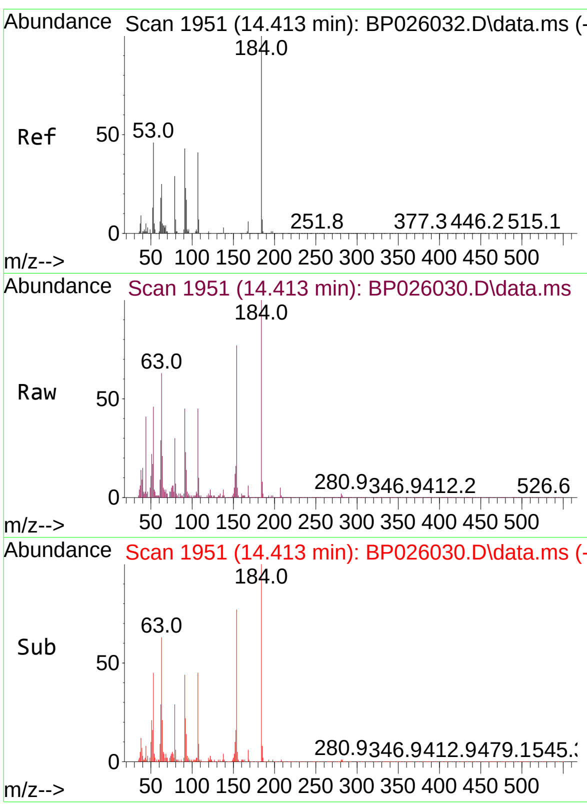


#53
3-Nitroaniline
Concen: 9.962 ng
RT: 14.201 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:138 Resp: 9329

Ion	Ratio	Lower	Upper
138	100		
108	25.8	11.4	17.0#
92	116.9	87.1	130.7

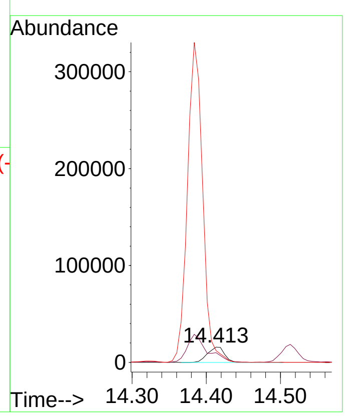


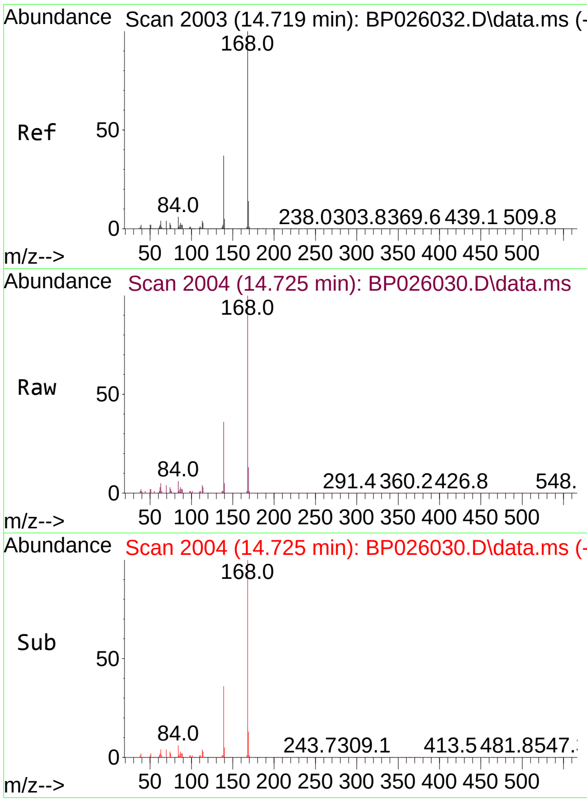


#54
2,4-Dinitrophenol
Concen: 10.017 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:184 Resp: 25388

Ion	Ratio	Lower	Upper
184	100		
63	63.5	49.0	73.4
154	77.0	51.0	76.6#





#55
Dibenzofuran
Concen: 10.966 ng
RT: 14.725 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:168 Resp: 73364

Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.7	44.5
169	13.1	11.0	16.4

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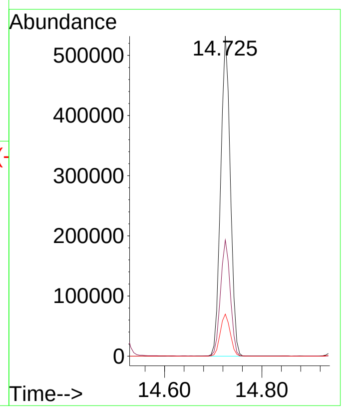
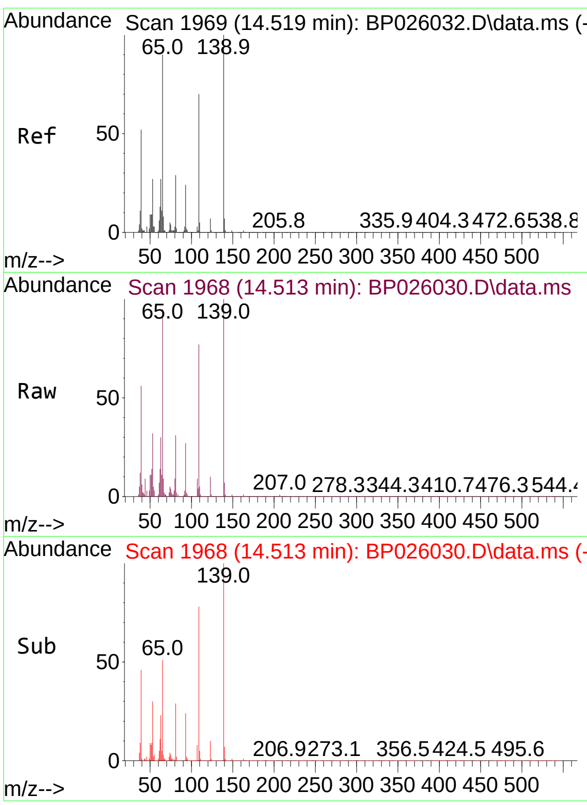
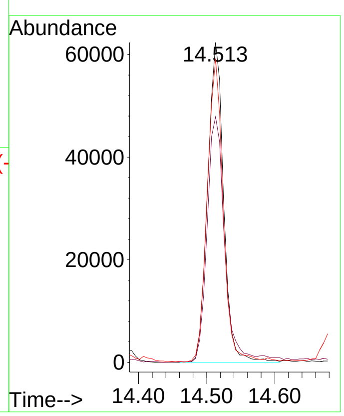




#56
4-Nitrophenol
Concen: 9.565 ng
RT: 14.513 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:139 Resp: 101905

Ion	Ratio	Lower	Upper
139	100		
109	76.7	50.0	90.0
65	94.9	69.6	109.6



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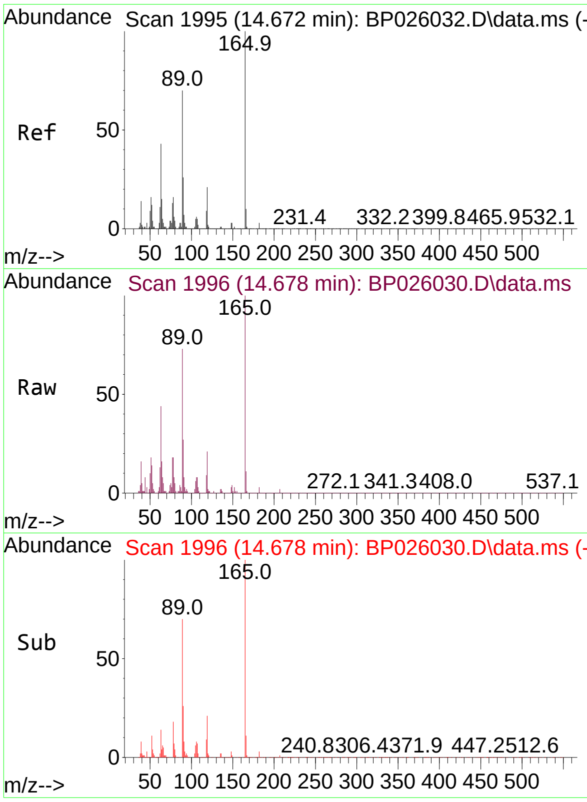
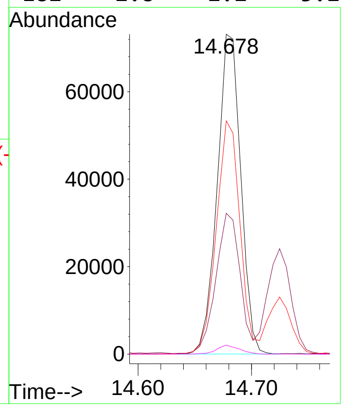


#57
2,4-Dinitrotoluene
Concen: 9.727 ng
RT: 14.678 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:165 Resp: 105824

Ion	Ratio	Lower	Upper
165	100		
63	44.0	34.2	51.2
89	72.9	56.0	84.0
182	2.8	2.2	3.2



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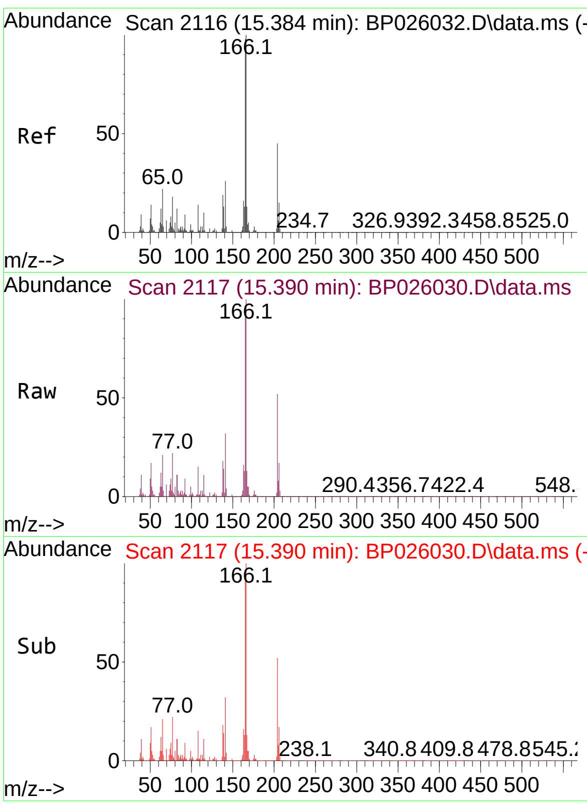
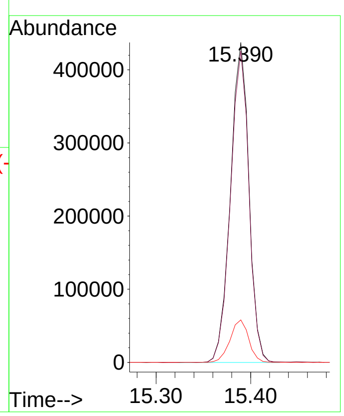


#58
Fluorene
Concen: 11.361 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:166 Resp: 595481

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.1	117.1
167	13.3	10.6	16.0



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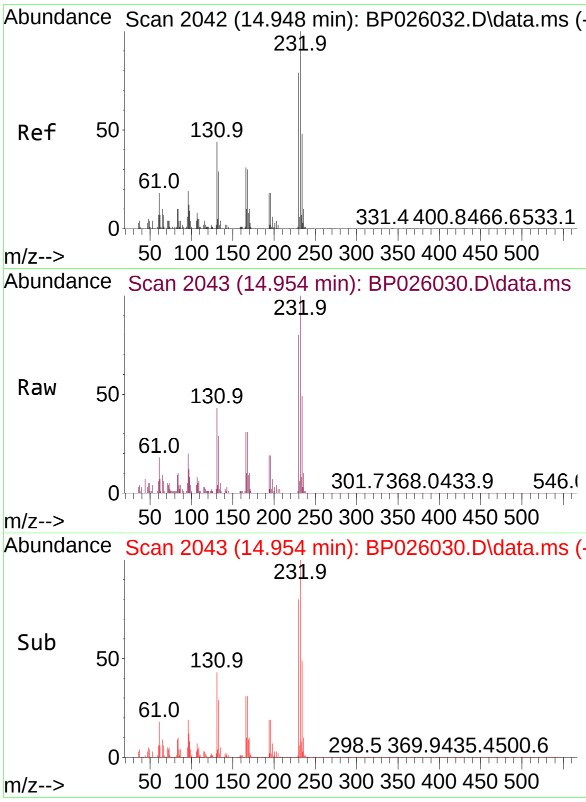
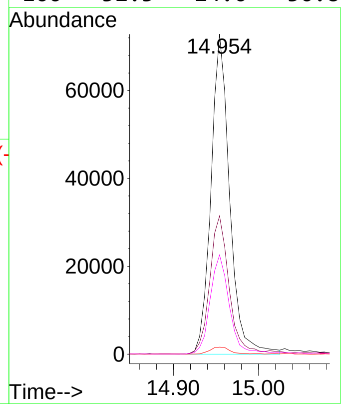


#59
2,3,4,6-Tetrachlorophenol
Concen: 9.194 ng
RT: 14.954 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:232 Resp: 11127(

Ion	Ratio	Lower	Upper
232	100		
131	44.1	35.2	52.8
130	2.4	1.7	2.5
166	32.3	24.6	36.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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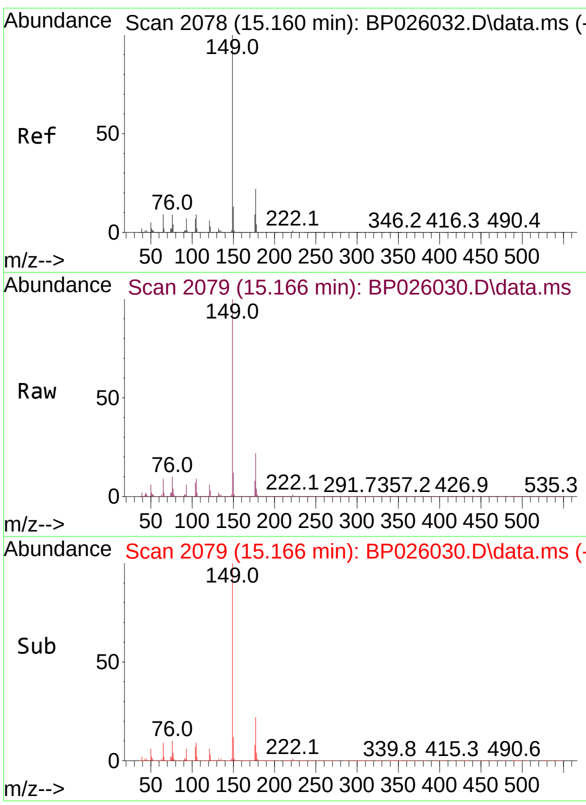
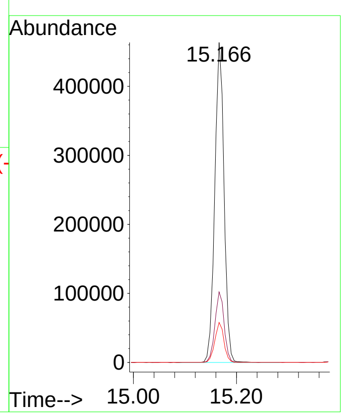
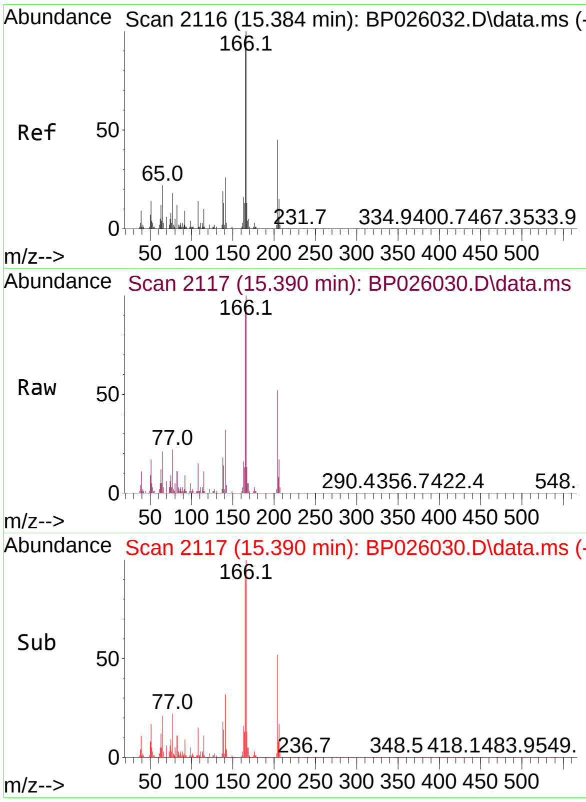


#60
Diethylphthalate
Concen: 10.734 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:149 Resp: 576582

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.9	26.9
150	12.5	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 11.267 ng
RT: 15.390 min Scan# 21
Delta R.T. 0.001 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:204 Resp: 29491

Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.2	39.2
141	60.7	47.0	70.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
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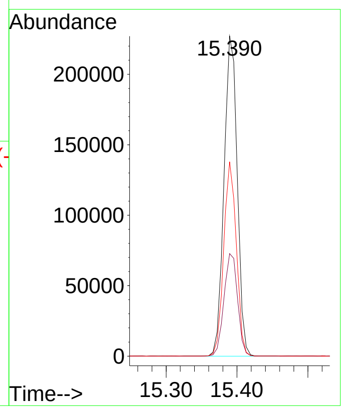
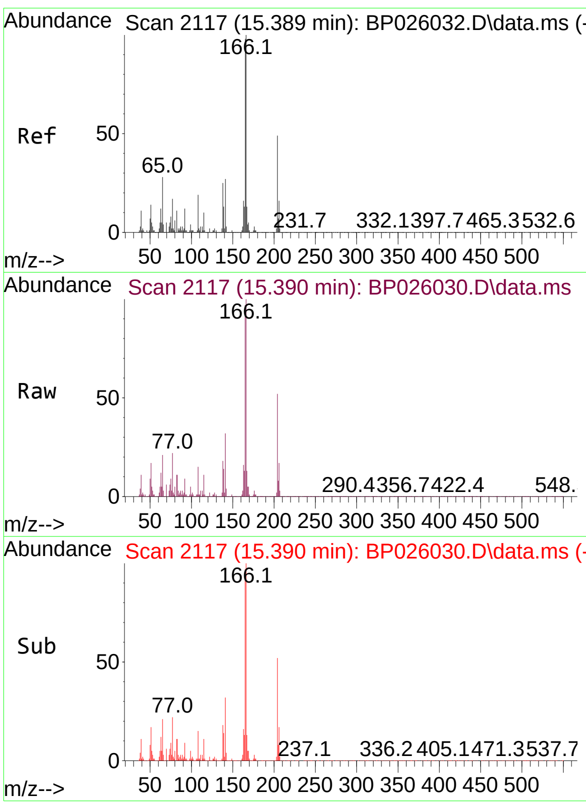
Supervised By :Jagrut Upadhyay 11/04/2025

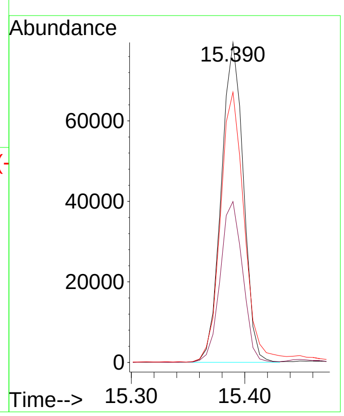




#62
4-Nitroaniline
Concen: 9.461 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:138 Resp: 108022

Ion	Ratio	Lower	Upper
138	100		
92	50.3	28.2	68.2
108	84.5	56.0	96.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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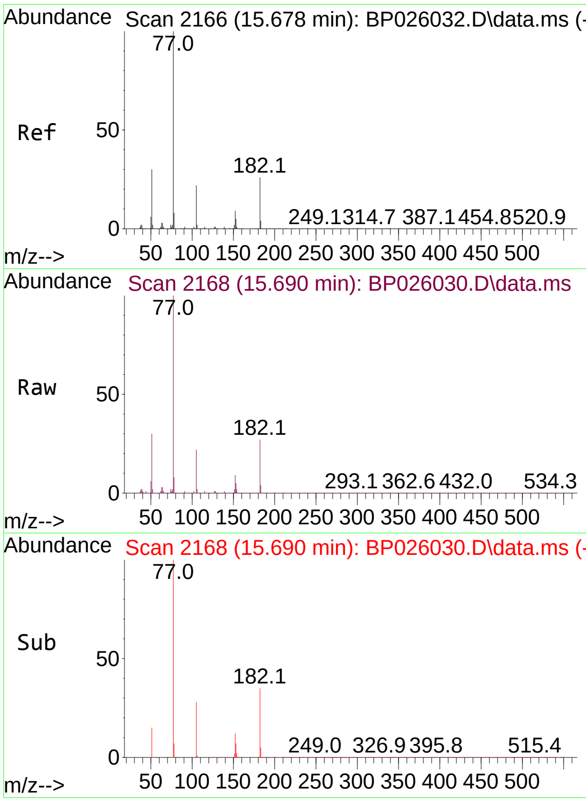
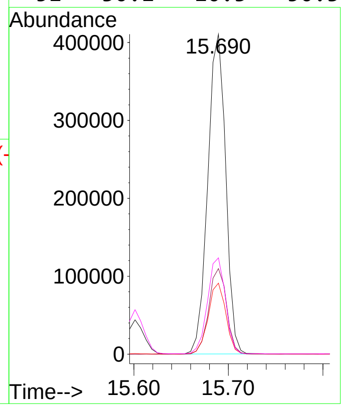
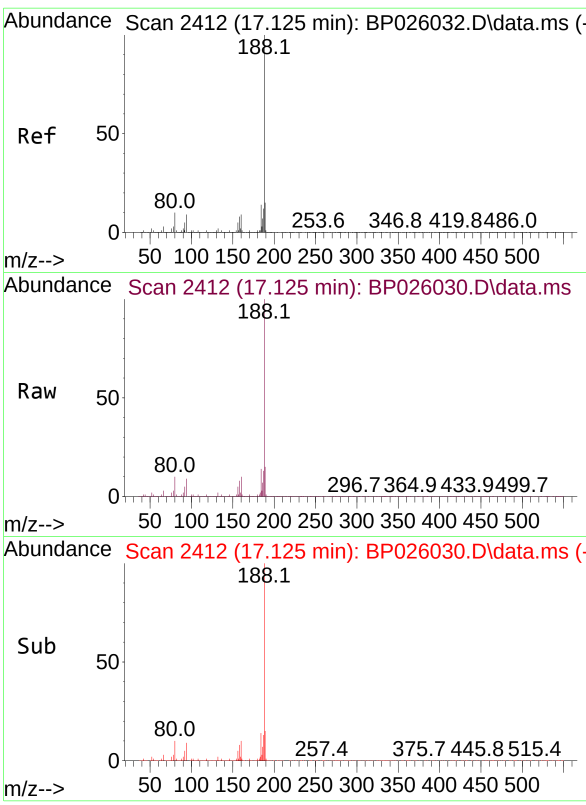


#63
Azobenzene
Concen: 11.130 ng
RT: 15.690 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 77 Resp: 541815

Ion	Ratio	Lower	Upper
77	100		
182	26.7	6.4	46.4
105	22.2	2.2	42.2
51	30.1	10.3	50.3

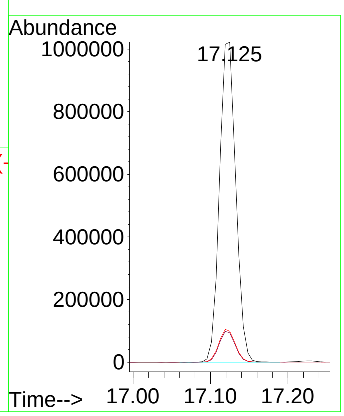




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:188 Resp: 1497196

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.1	10.7
80	9.7	7.9	11.9



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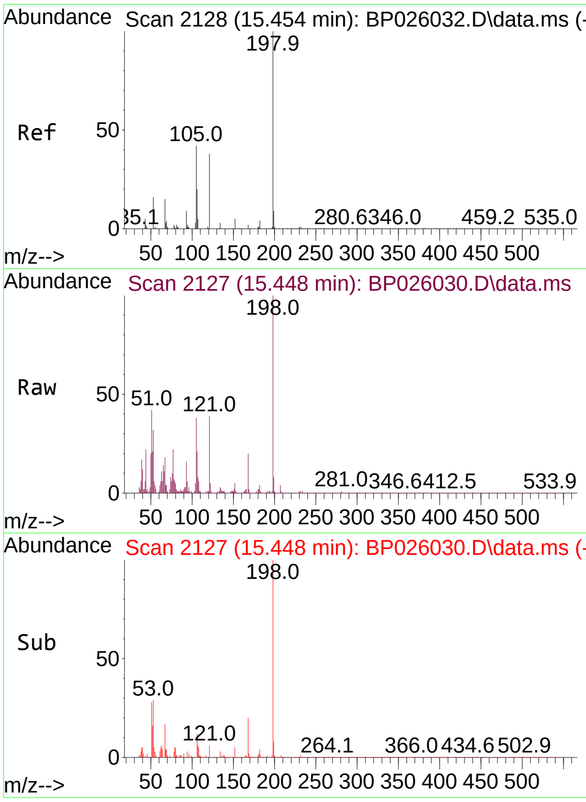

#65
4,6-Dinitro-2-methylphenol
Concen: 10.014 ng
RT: 15.448 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:198 Resp: 39648

Ion	Ratio	Lower	Upper
198	100		
51	42.2	25.2	65.2
105	38.4	23.7	63.7

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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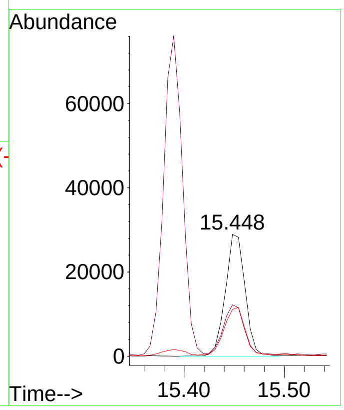
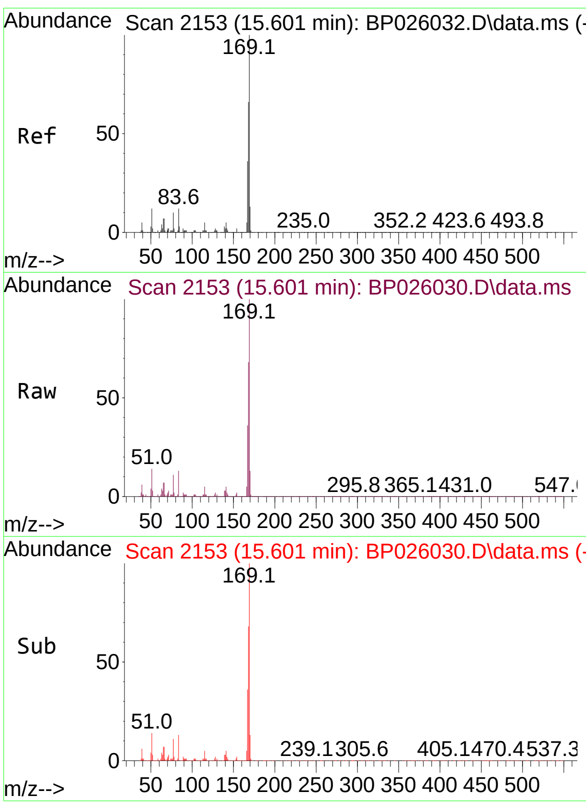
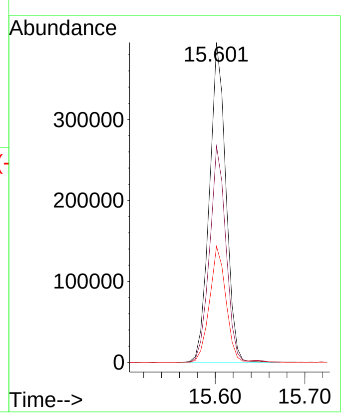




#66
n-Nitrosodiphenylamine
Concen: 10.850 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:169 Resp: 507903

Ion	Ratio	Lower	Upper
169	100		
168	67.6	52.9	79.3
167	36.3	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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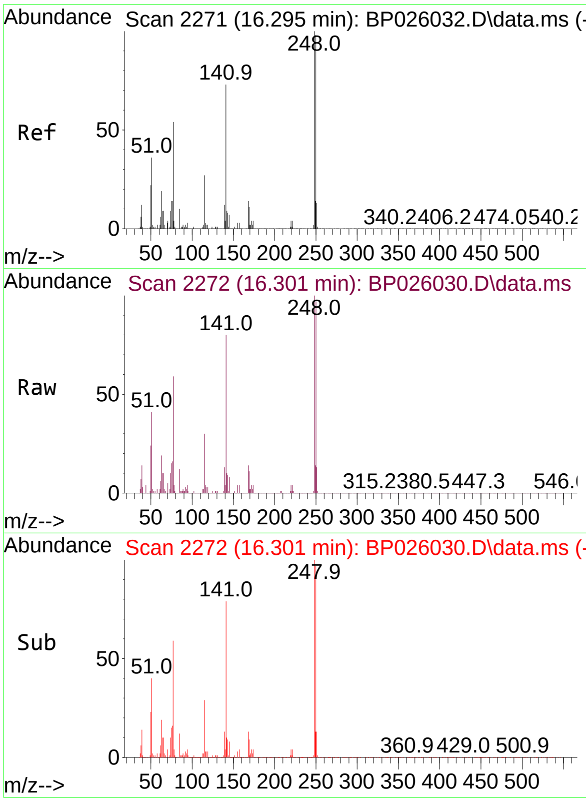
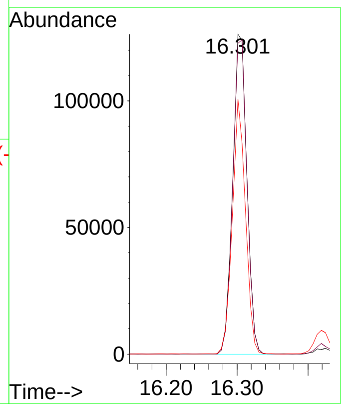
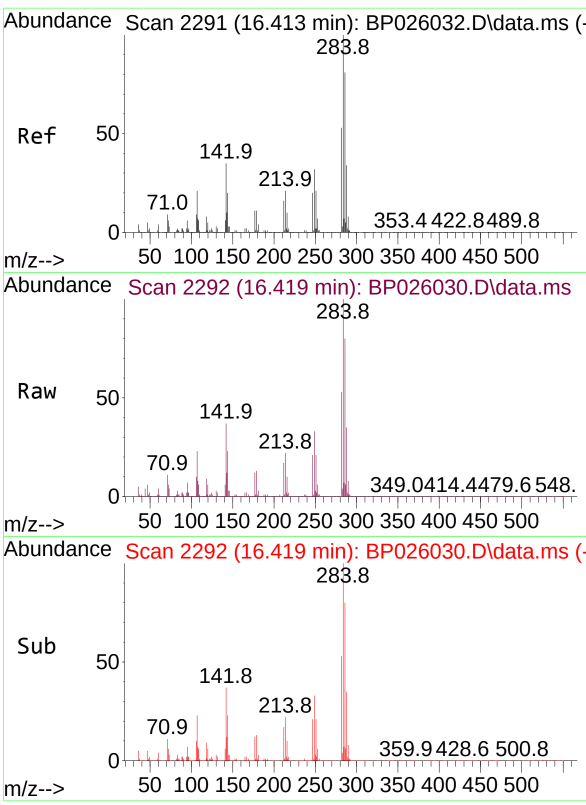


#67
4-Bromophenyl-phenylether
Concen: 10.547 ng
RT: 16.301 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:248 Resp: 17515

Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.4	117.6
141	79.7	58.3	87.5

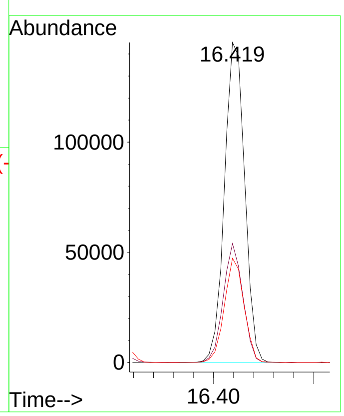




#68
Hexachlorobenzene
Concen: 10.824 ng
RT: 16.419 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:284 Resp: 204634

Ion	Ratio	Lower	Upper
284	100		
142	37.1	27.7	41.5
249	32.5	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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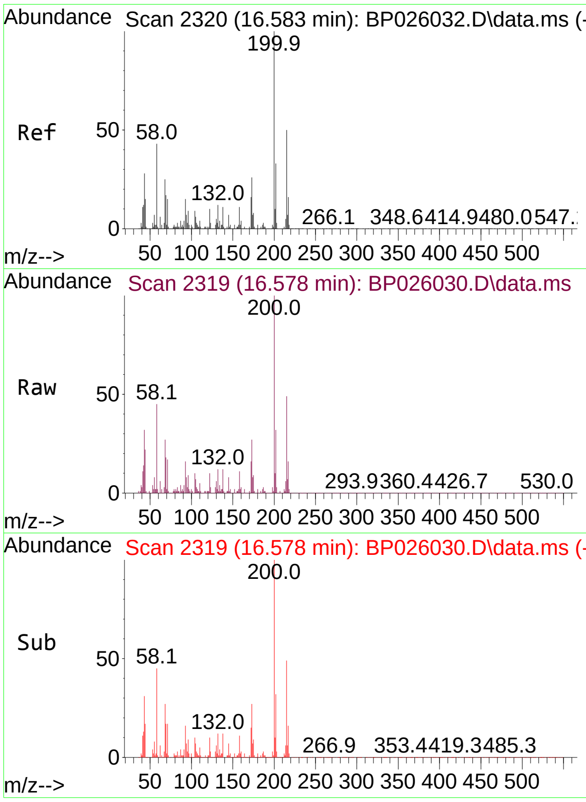
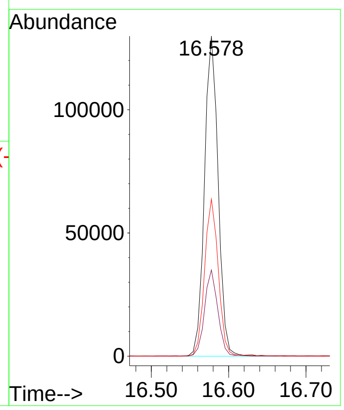
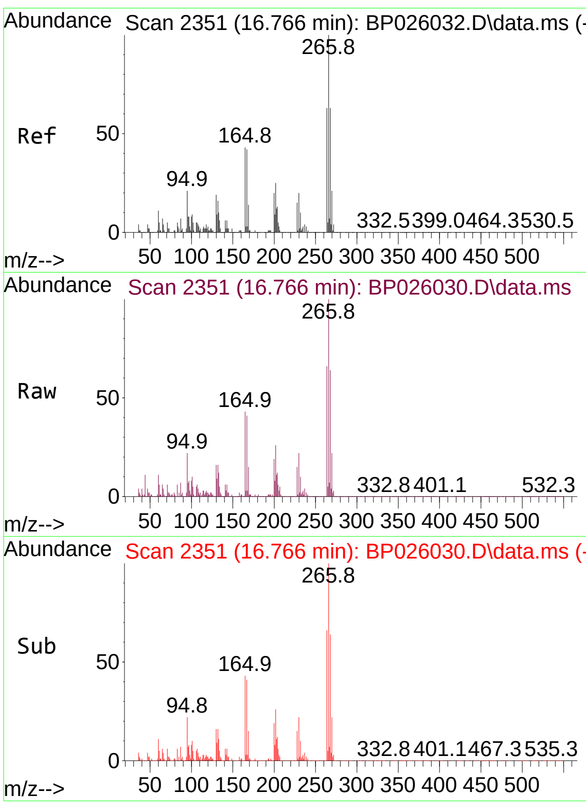


#69
Atrazine
Concen: 10.103 ng
RT: 16.578 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:200 Resp: 15953

Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.2	46.2
215	49.1	29.8	69.8

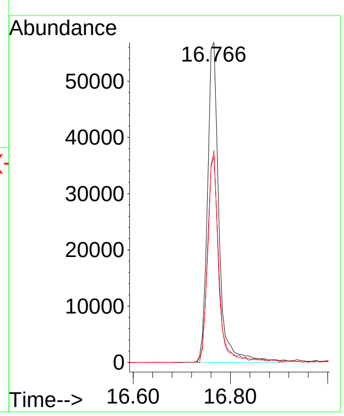




#70
Pentachlorophenol
Concen: 8.152 ng
RT: 16.766 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:266 Resp: 94142

Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.6	76.0
264	66.1	50.2	75.4



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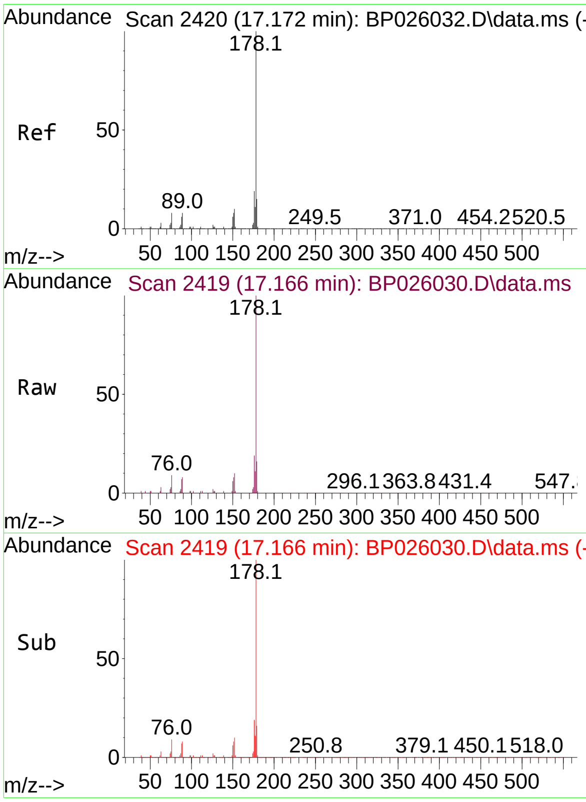
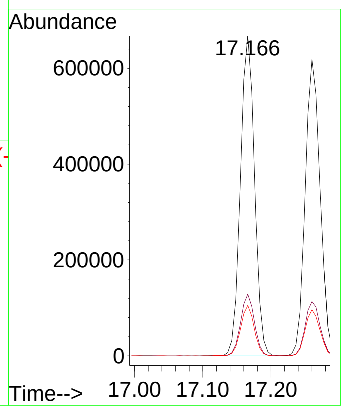


#71
Phenanthrene
Concen: 11.064 ng
RT: 17.166 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:178 Resp: 96419

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.8	12.3	18.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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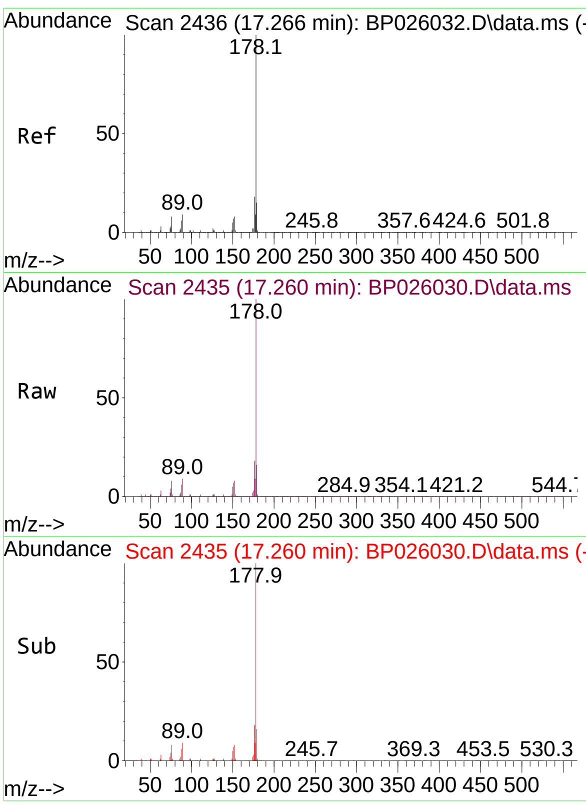
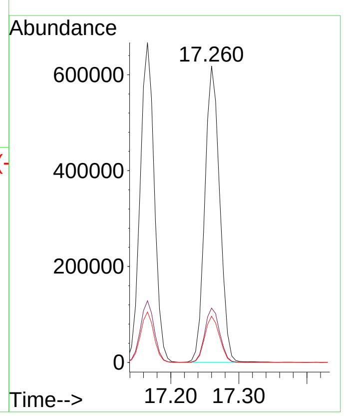


#72
Anthracene
Concen: 10.941 ng
RT: 17.260 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:178 Resp: 945078

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.6	12.2	18.4



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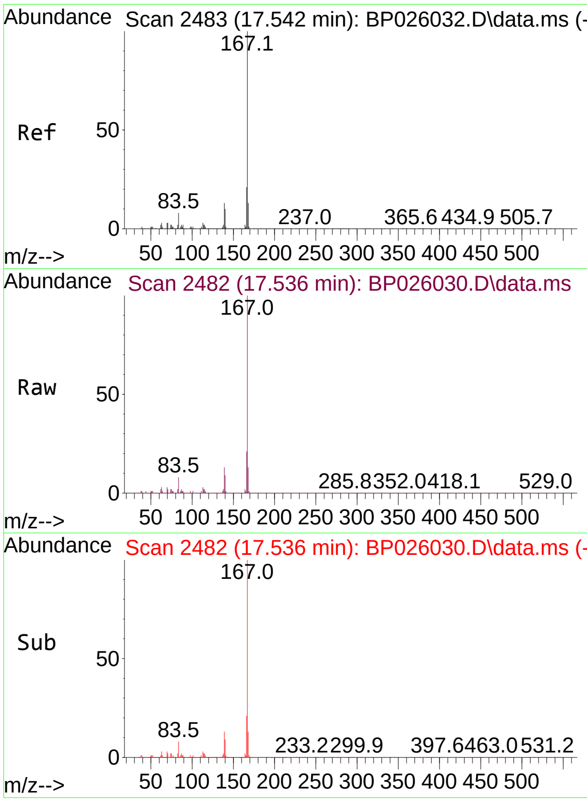
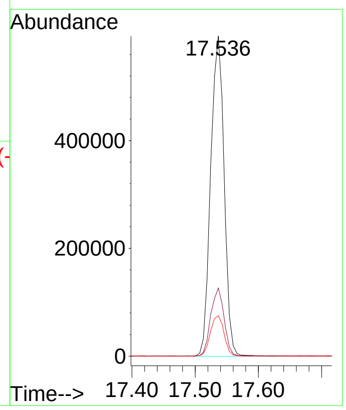


#73
Carbazole
Concen: 10.729 ng
RT: 17.536 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:167 Resp: 87731

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.6	10.2	15.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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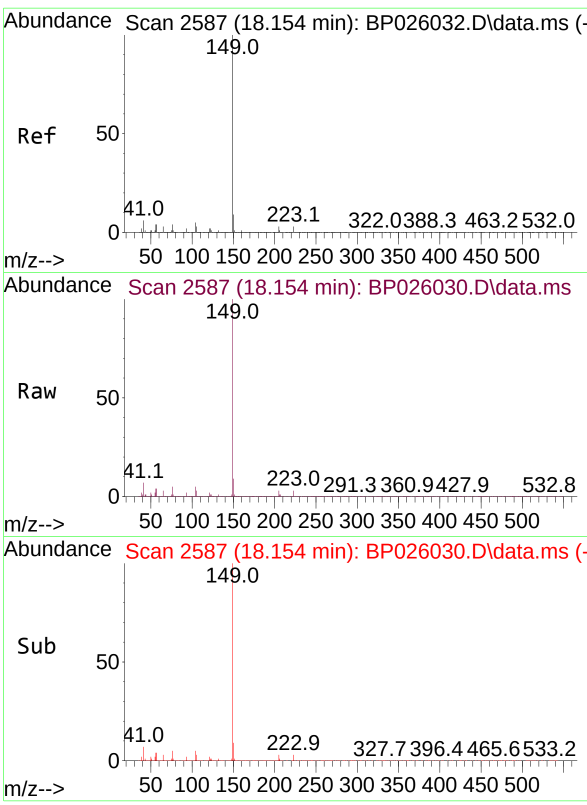
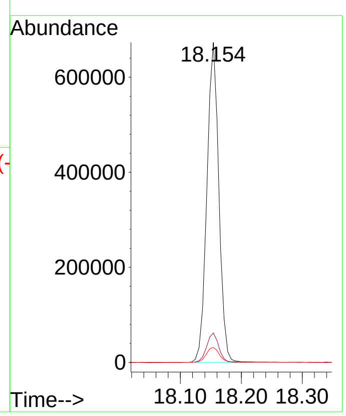
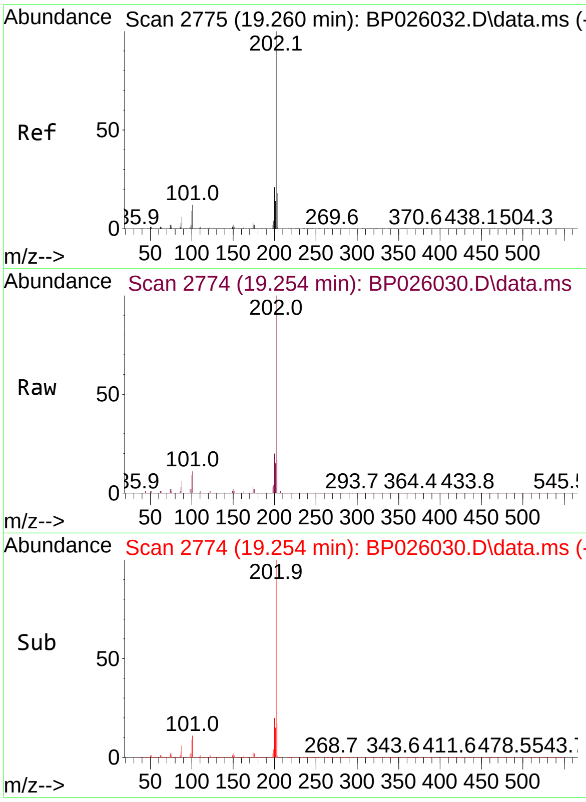


#74
Di-n-butylphthalate
Concen: 9.974 ng
RT: 18.154 min Scan# 2587
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:149 Resp: 912617

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.7	3.8	5.6





#75
Fluoranthene
Concen: 10.821 ng
RT: 19.254 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 110003

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.1
203	17.4	0.0	37.6

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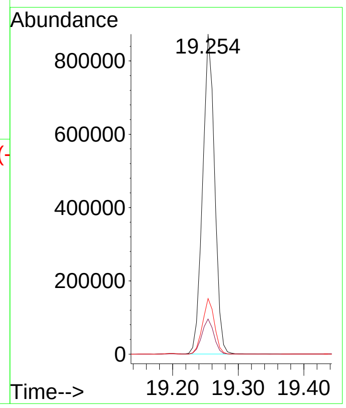
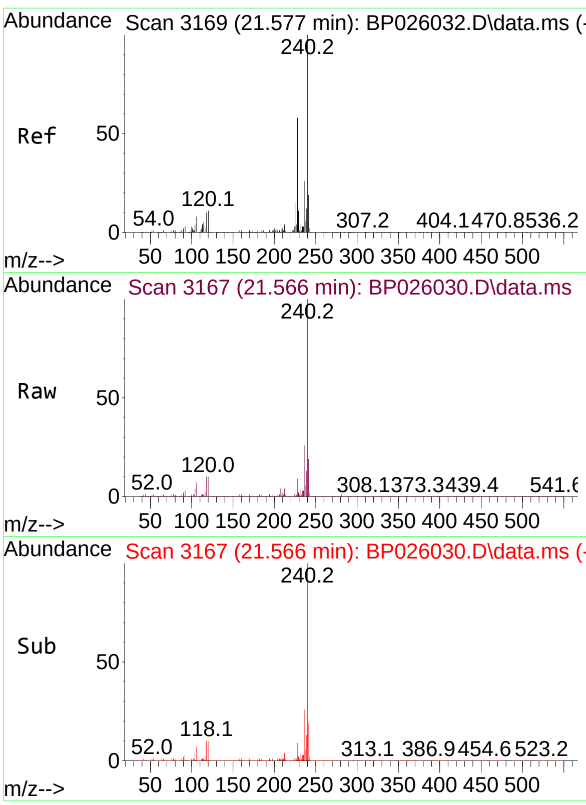
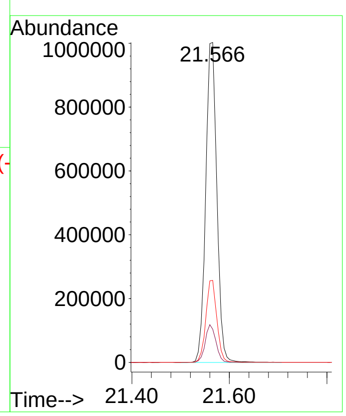




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:240 Resp: 1590140

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	25.6	20.6	31.0



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Instrument :
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ClientSampleId :
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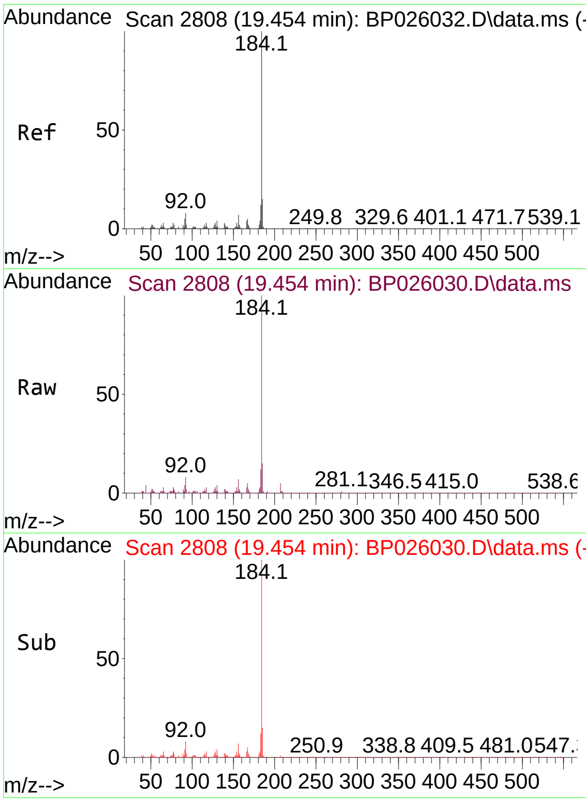
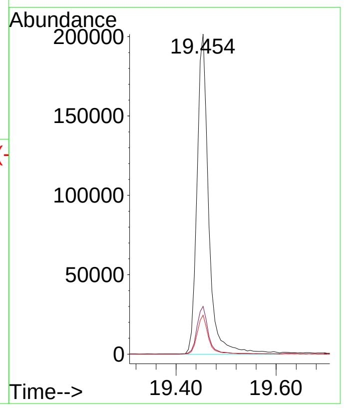
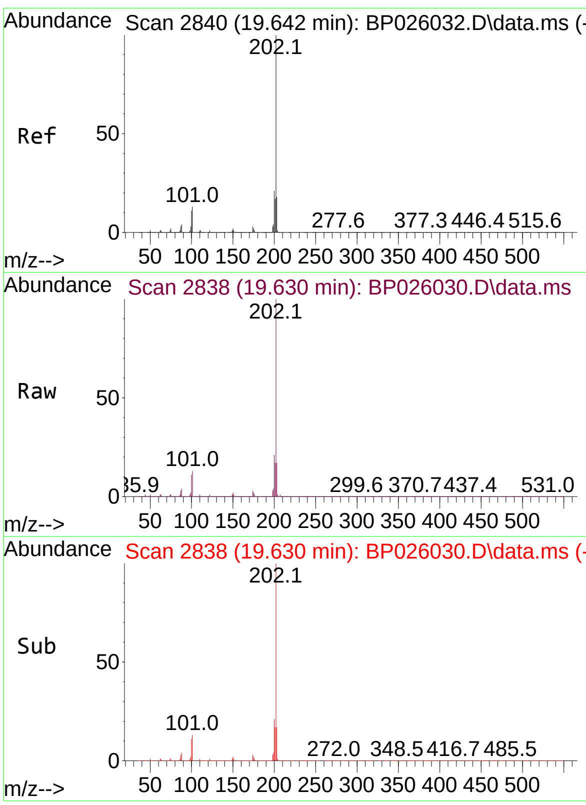



```
#77
Benzidine
Concen:    8.106 ng
RT:  19.454 min  Scan# 28
Delta R.T.  0.000 min
Lab File:   BP026030.D
Acq: 29 Oct 2025  10:48

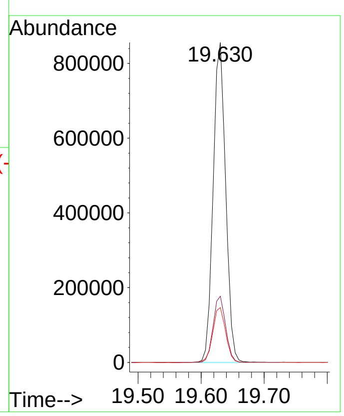
Tgt Ion:184 Resp:  32716
Ion  Ratio  Lower  Upper
184  100
185   14.9   11.9   17.9
183   12.2    9.2   13.8
```






```
#78
Pyrene
Concen:   10.997 ng
RT:  19.630 min  Scan# 2838
Delta R.T.  -0.006 min
Lab File:   BP026030.D
Acq: 29 Oct 2025  10:48

Tgt Ion:202 Resp: 1182711
Ion  Ratio  Lower  Upper
202  100
200   20.7   16.6   25.0
203   17.2   14.0   21.0
```



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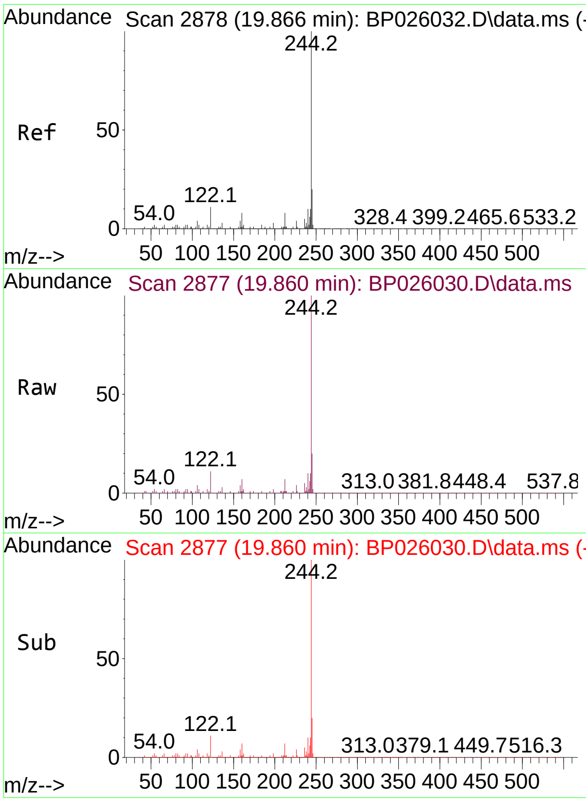

#79
Terphenyl-d14
Concen: 22.846 ng
RT: 19.860 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:244 Resp: 178811

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	11.2	9.0	13.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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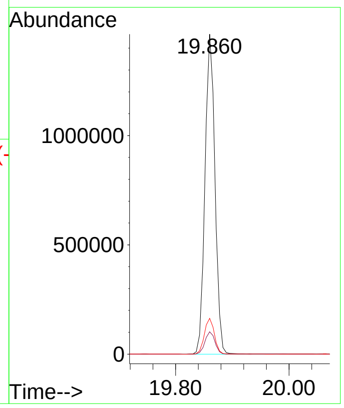
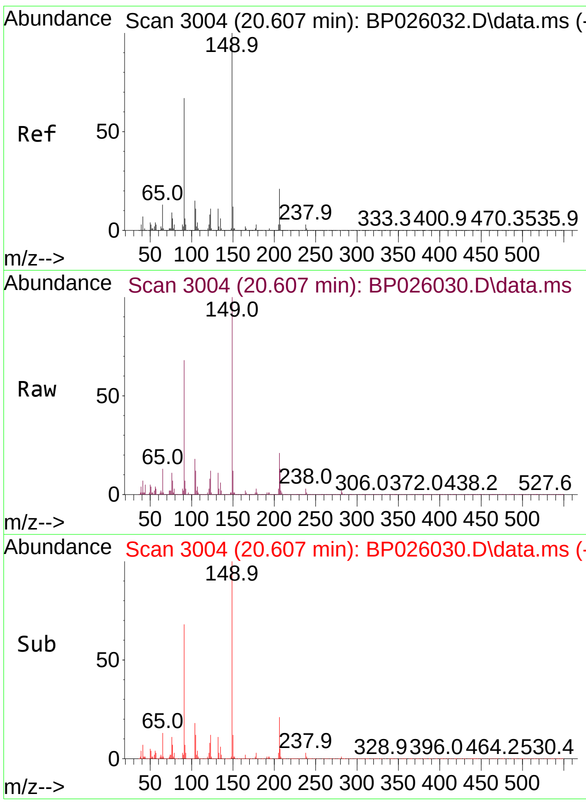
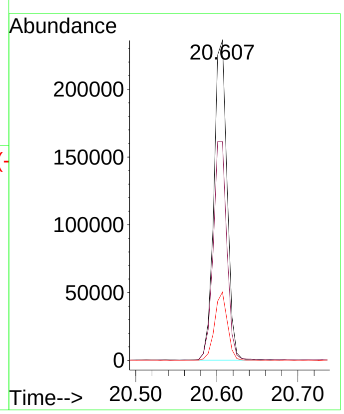




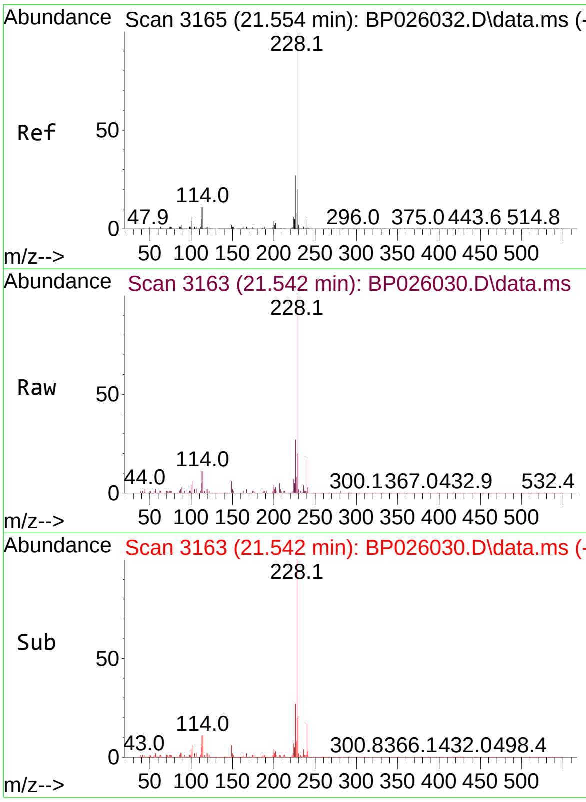
#80
Butylbenzylphthalate
Concen: 9.589 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:149 Resp: 267569

Ion	Ratio	Lower	Upper
149	100		
91	68.4	53.5	80.3
206	21.3	16.6	25.0



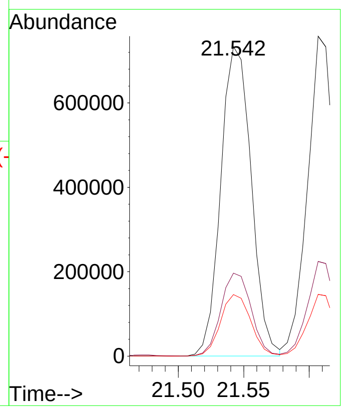
ICAL Form



#81
Benzo(a)anthracene
Concen: 10.894 ng
RT: 21.542 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:228 Resp: 119037

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	19.9	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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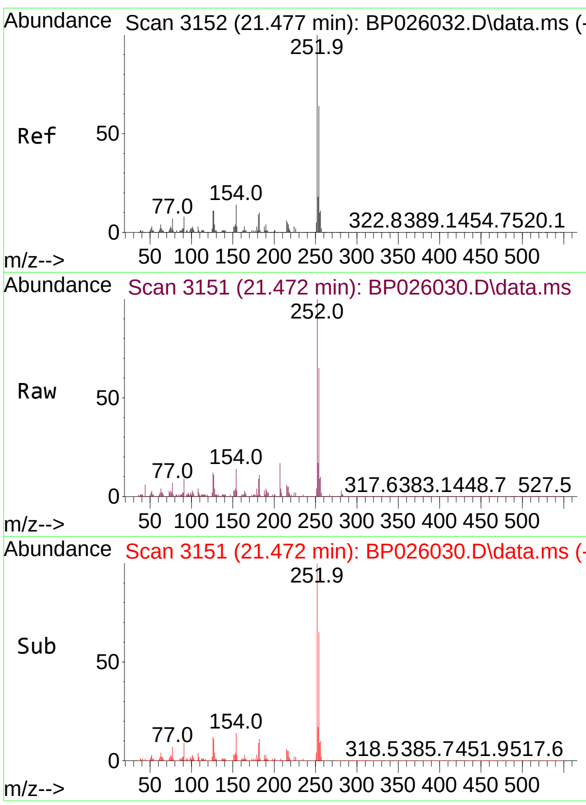
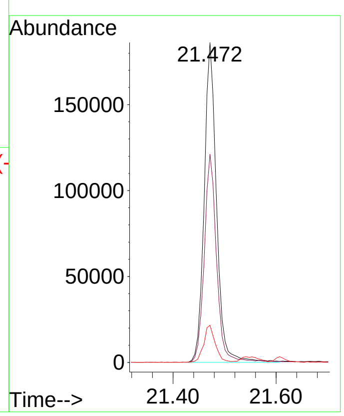


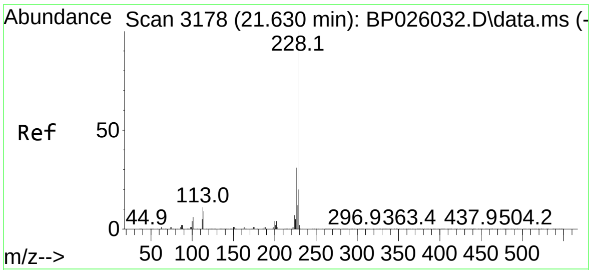
#82
3,3'-Dichlorobenzidine
Concen: 8.812 ng
RT: 21.472 min Scan# 3151
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

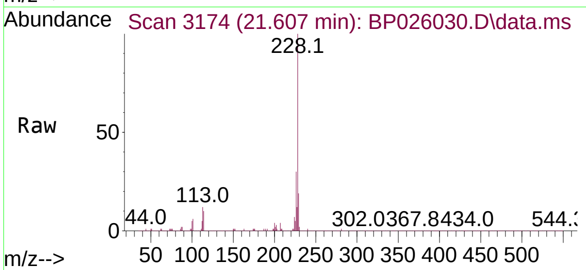
Tgt Ion:252 Resp: 310231

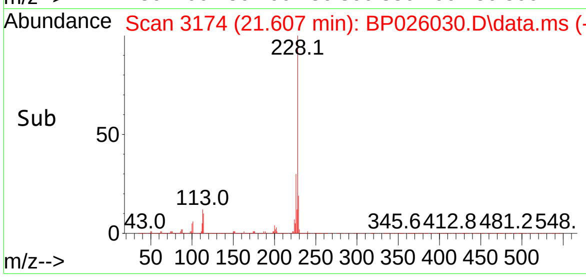
Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.3	76.9
126	11.6	9.1	13.7



ICAL Form







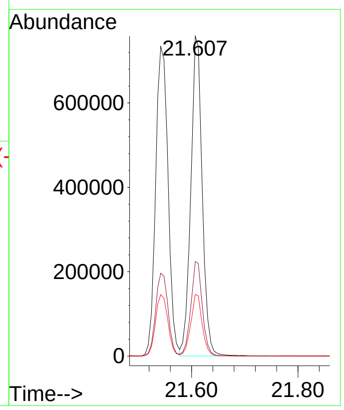
#83
Chrysene
Concen: 10.940 ng
RT: 21.607 min Scan# 31
Delta R.T. -0.011 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

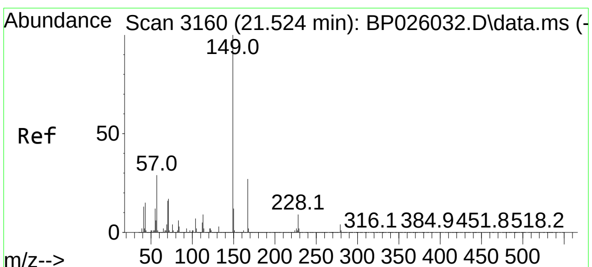
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

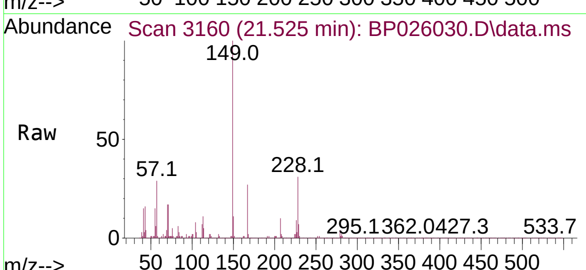
Tgt Ion:228 Resp: 113238

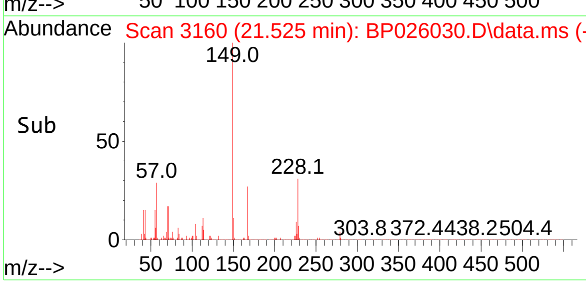
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.4	36.6
229	19.3	16.0	24.0

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025





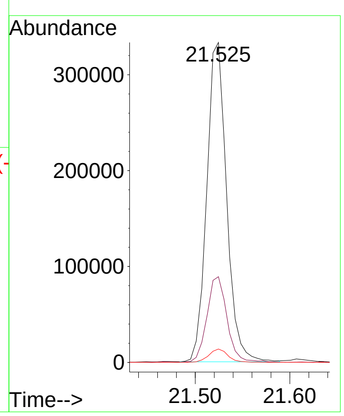




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.805 ng
RT: 21.525 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:149 Resp: 487334

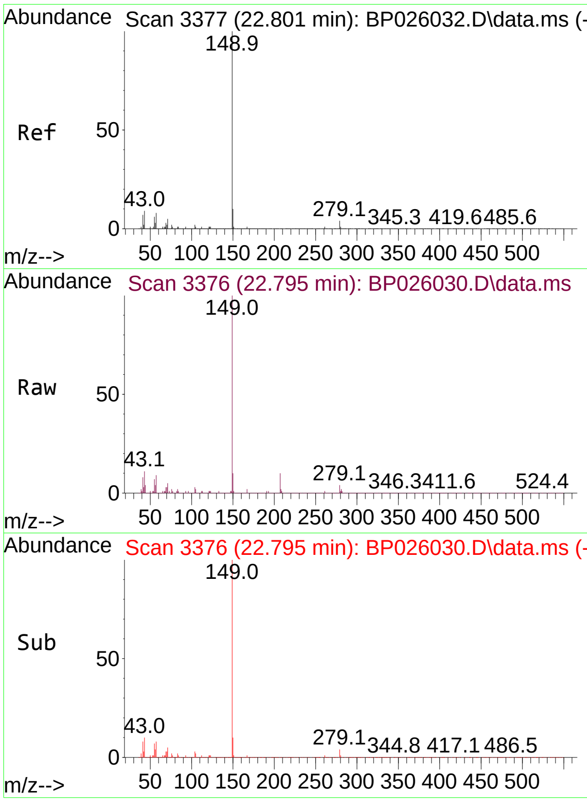
Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.5	32.3
279	4.2	3.0	4.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

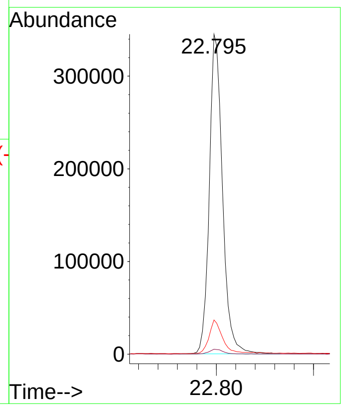
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

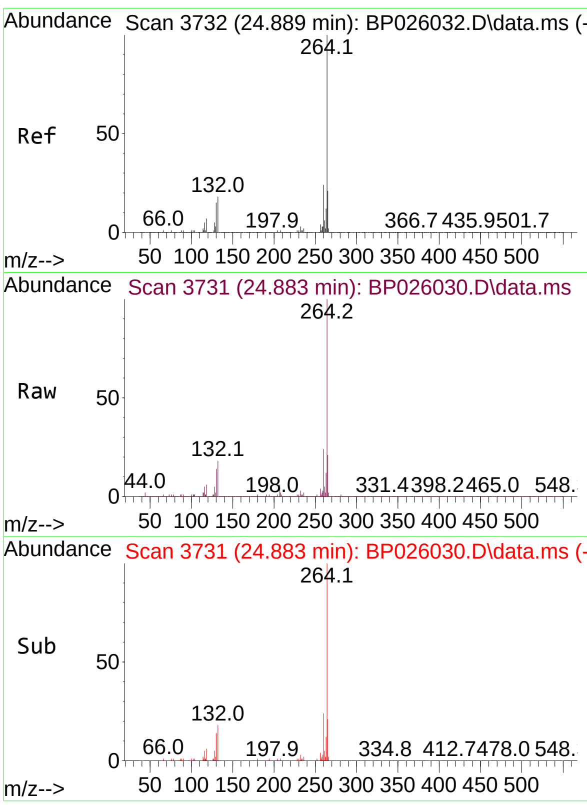


#85
Di-n-octyl phthalate
Concen: 6.903 ng
RT: 22.795 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:149 Resp: 65339

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.3	7.6	11.4

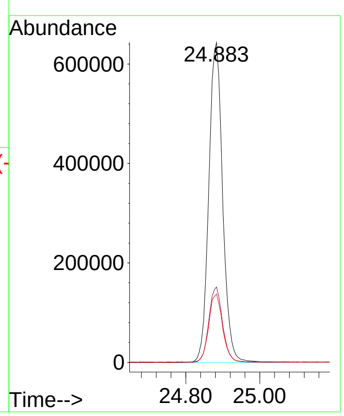




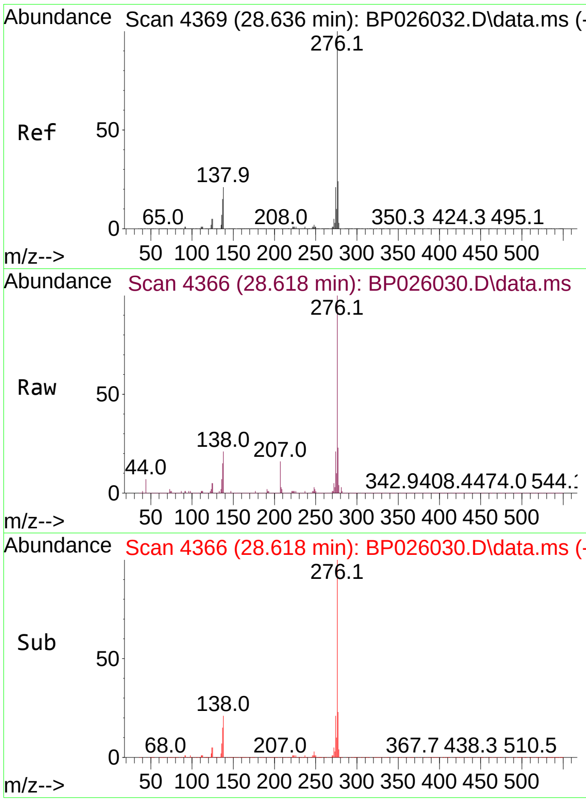
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:264 Resp: 1674719

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.4	17.2	25.8



ICAL Form



#87
Indeno(1,2,3-cd)pyrene
Concen: 10.070 ng m
RT: 28.618 min Scan# 4
Delta R.T. -0.041 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

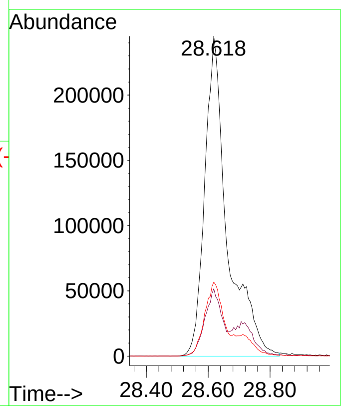
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

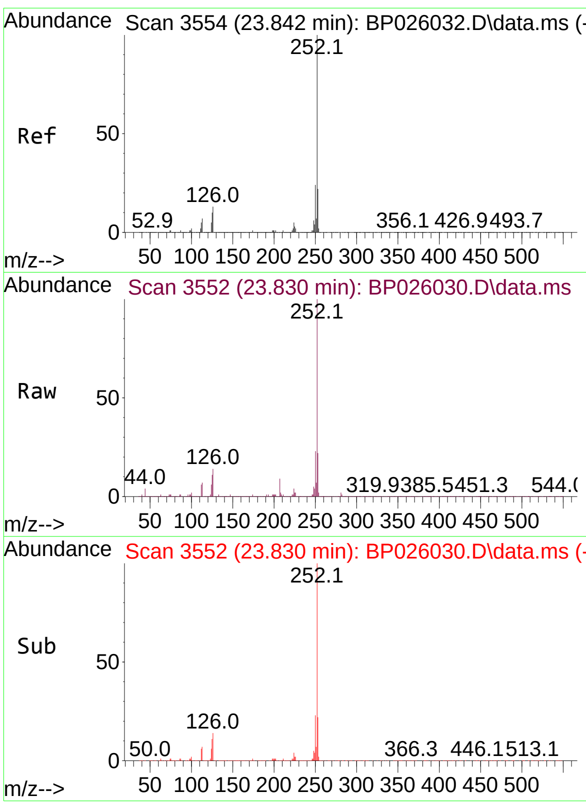
Tgt Ion:276 Resp: 124450

Ion	Ratio	Lower	Upper
276	100		
138	16.1	13.2	19.8
277	20.8	16.3	24.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

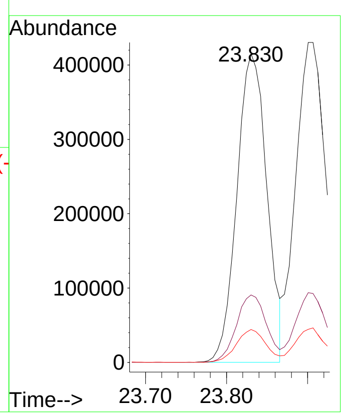


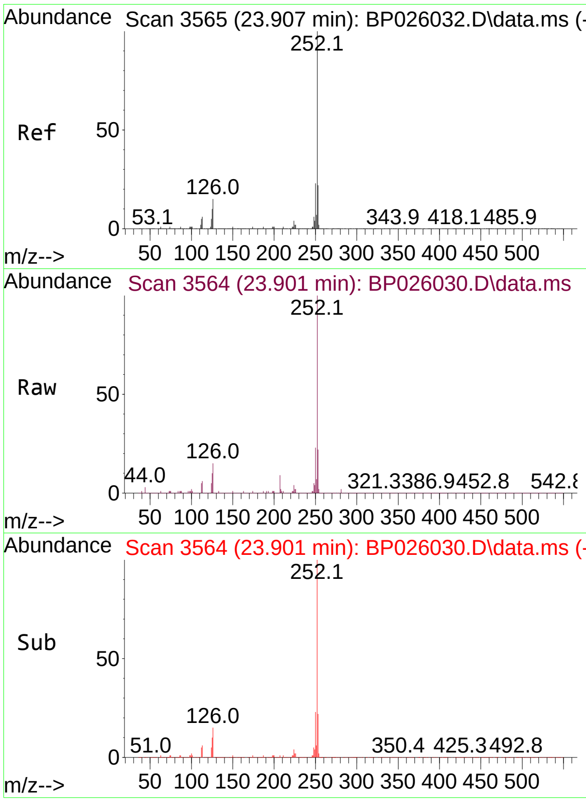


#88
Benzo(b)fluoranthene
Concen: 10.284 ng
RT: 23.830 min Scan# 3552
Delta R.T. -0.017 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:252 Resp: 1069169

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.6	8.1	12.1





#89
Benzo(k)fluoranthene
Concen: 10.769 ng
RT: 23.901 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

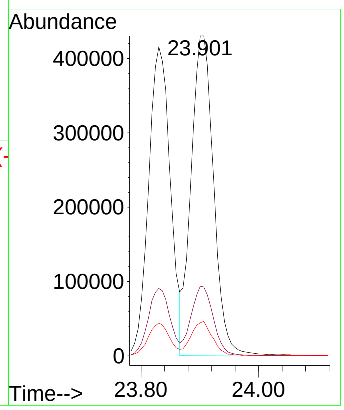
Tgt Ion:252 Resp: 114325

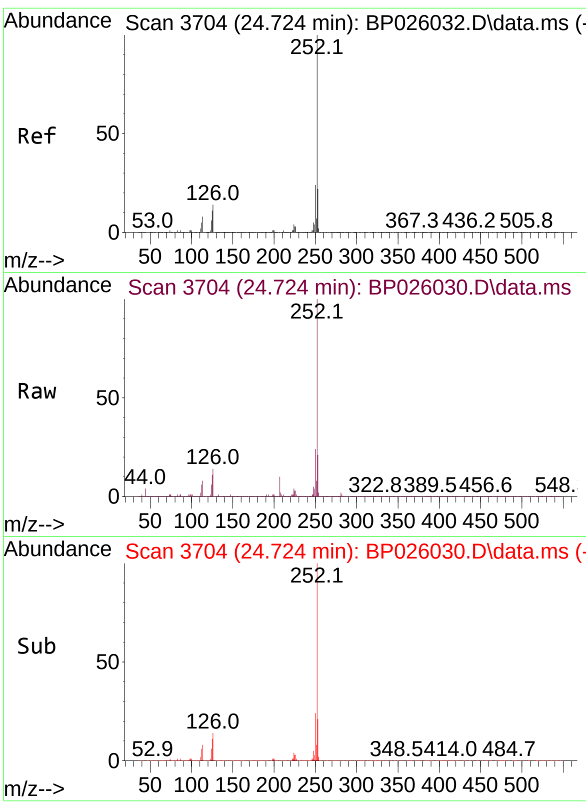
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.3	8.1	12.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

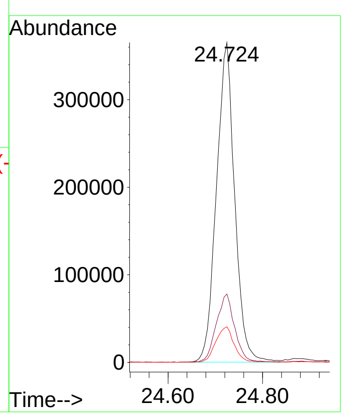




#90
Benzo(a)pyrene
Concen: 10.247 ng
RT: 24.724 min Scan# 3704
Delta R.T. -0.017 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:252 Resp: 978750

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.3	25.9
125	11.2	9.1	13.7

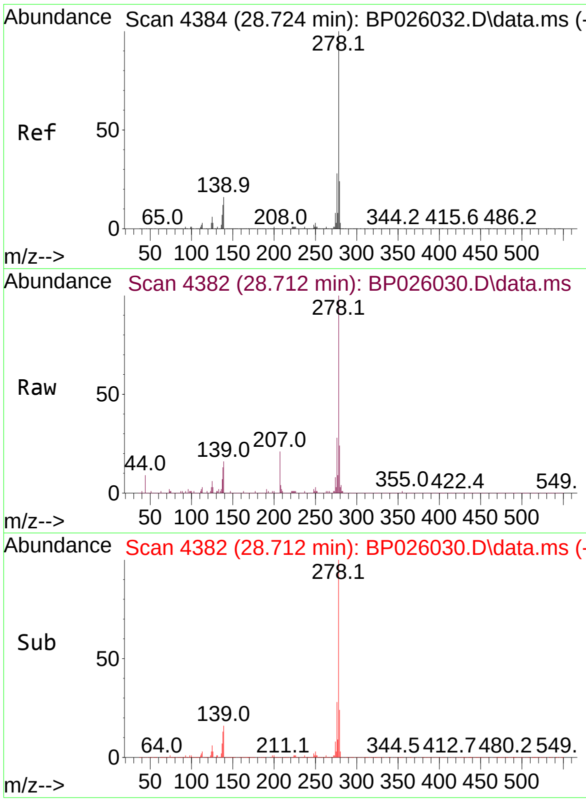


ICAL Form

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

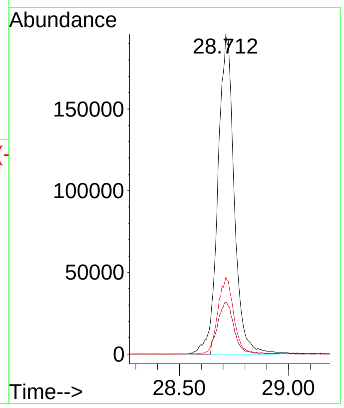
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

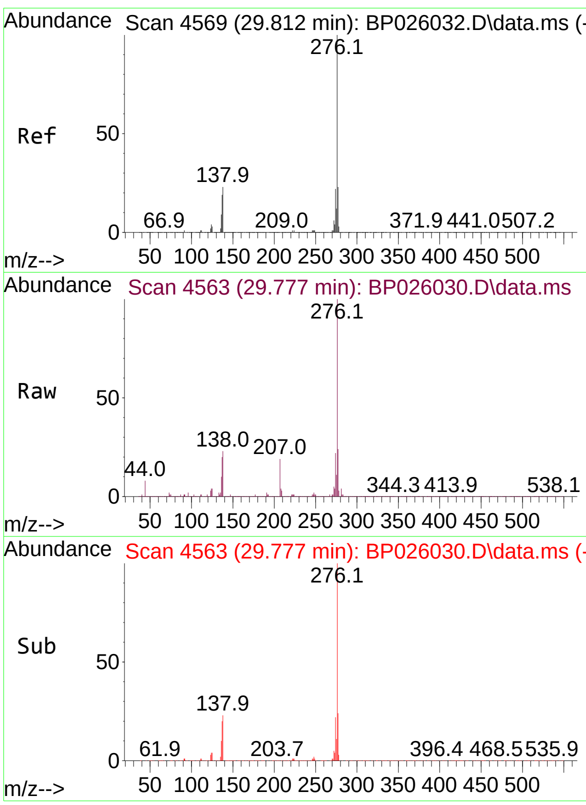


#91
Dibenzo(a,h)anthracene
Concen: 10.142 ng
RT: 28.712 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:278 Resp: 1020484

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.0	19.6
279	24.0	18.9	28.3

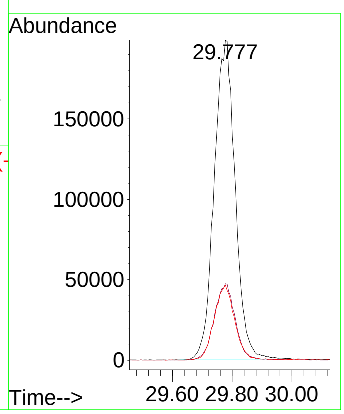




#92
Benzo(g,h,i)perylene
Concen: 10.093 ng
RT: 29.777 min Scan# 4563
Delta R.T. -0.053 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:276 Resp: 977235

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	23.4	18.1	27.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026031.D
Acq On : 29 Oct 2025 11:29
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.684	152	347170	20.000 ng	0.00
21) Naphthalene-d8	10.449	136	1426046	20.000 ng	0.00
39) Acenaphthene-d10	14.313	164	884189	20.000 ng	0.00
64) Phenanthrene-d10	17.119	188	1764983	20.000 ng	0.00
76) Chrysene-d12	21.577	240	1935916	20.000 ng	0.01
86) Perylene-d12	24.889	264	2082873	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.296	112	856596	40.714 ng	0.00
7) Phenol-d6	6.849	99	1092661	40.803 ng	0.00
23) Nitrobenzene-d5	8.819	82	931308	40.712 ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	385788	40.359 ng	0.00
45) 2-Fluorobiphenyl	12.919	172	2570497	41.774 ng	-0.01
79) Terphenyl-d14	19.860	244	3920732	41.147 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.237	88	180212	20.318 ng	100
3) Pyridine	3.625	79	516467	20.483 ng	99
4) n-Nitrosodimethylamine	3.537	42	205014	20.287 ng	99
6) Aniline	7.013	93	735067	20.567 ng	100
8) 2-Chlorophenol	7.255	128	470651	20.201 ng	97
9) Benzaldehyde	6.831	77	325513m	23.383 ng	
10) Phenol	6.878	94	607568	20.436 ng	99
11) bis(2-Chloroethyl)ether	7.113	93	476458	20.308 ng	99
12) 1,3-Dichlorobenzene	7.578	146	545717	20.396 ng	100
13) 1,4-Dichlorobenzene	7.719	146	550164	20.337 ng	100
14) 1,2-Dichlorobenzene	8.031	146	526607	20.400 ng	98
15) Benzyl Alcohol	7.913	79	381569	19.765 ng	99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	729715	20.579 ng	100
17) 2-Methylphenol	8.113	107	397383	20.413 ng	99
18) Hexachloroethane	8.760	117	185631	20.053 ng	100
19) n-Nitroso-di-n-propyla...	8.478	70	352850	21.226 ng	99
20) 3+4-Methylphenols	8.437	107	540688	19.965 ng	99
22) Acetophenone	8.484	105	739513	20.505 ng	99
24) Nitrobenzene	8.860	77	492888	20.407 ng	98
25) Isophorone	9.378	82	1005233	20.531 ng	99
26) 2-Nitrophenol	9.566	139	152813	18.908 ng	99
27) 2,4-Dimethylphenol	9.625	122	401111	19.481 ng	99
28) bis(2-Chloroethoxy)met...	9.866	93	622000	20.157 ng	99
29) 2,4-Dichlorophenol	10.090	162	438904	20.189 ng	99
30) 1,2,4-Trichlorobenzene	10.313	180	480041	20.315 ng	98
31) Naphthalene	10.496	128	1598863	20.560 ng	100
32) Benzoic acid	9.713	122	181442	19.682 ng	97
33) 4-Chloroaniline	10.596	127	609114	20.383 ng	99
34) Hexachlorobutadiene	10.796	225	298535	19.881 ng	98
35) Caprolactam	11.343	113	146841	19.234 ng	97
36) 4-Chloro-3-methylphenol	11.719	107	464170	20.367 ng	99
37) 2-Methylnaphthalene	12.107	142	1100141	20.213 ng	99
38) 1-Methylnaphthalene	12.331	142	1075202	20.334 ng	98
40) 1,2,4,5-Tetrachloroben...	12.484	216	562803	20.486 ng	100
41) Hexachlorocyclopentadiene	12.472	237	175347	17.444 ng	100
43) 2,4,6-Trichlorophenol	12.725	196	328962	20.258 ng	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026031.D
Acq On : 29 Oct 2025 11:29
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	375399	20.260	ng	97
46) 1,1'-Biphenyl	13.137	154	1394592	20.599	ng	100
47) 2-Chloronaphthalene	13.172	162	1103115	20.709	ng	99
48) 2-Nitroaniline	13.366	65	237733	19.391	ng	98
49) Acenaphthylene	14.031	152	1619778	20.863	ng	100
50) Dimethylphthalate	13.766	163	1318220	20.496	ng	100
51) 2,6-Dinitrotoluene	13.872	165	206491	19.266	ng	96
52) Acenaphthene	14.372	154	1102148	20.678	ng	100
53) 3-Nitroaniline	14.201	138	261900	19.720	ng	99
54) 2,4-Dinitrophenol	14.407	184	72866	20.106	ng	93
55) Dibenzofuran	14.713	168	1667180	20.703	ng	99
56) 4-Nitrophenol	14.507	139	273512	21.327	ng	97
57) 2,4-Dinitrotoluene	14.666	165	300694	19.242	ng	99
58) Fluorene	15.378	166	1326773	21.030	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.942	232	293495	20.145	ng	99
60) Diethylphthalate	15.154	149	1311790	20.288	ng	99
61) 4-Chlorophenyl-phenyle...	15.378	204	650778	20.656	ng	100
62) 4-Nitroaniline	15.378	138	290147	21.112	ng	98
63) Azobenzene	15.678	77	1206973	20.597	ng	98
65) 4,6-Dinitro-2-methylph...	15.448	198	113887	20.196	ng	99
66) n-Nitrosodiphenylamine	15.590	169	1131476	20.503	ng	100
67) 4-Bromophenyl-phenylether	16.295	248	391458	19.995	ng	99
68) Hexachlorobenzene	16.407	284	452701	20.312	ng	98
69) Atrazine	16.572	200	389382	20.916	ng	96
70) Pentachlorophenol	16.754	266	252504	18.548	ng	99
71) Phenanthrene	17.166	178	2134410	20.777	ng	100
72) Anthracene	17.254	178	2109900	20.719	ng	100
73) Carbazole	17.536	167	2054988	21.318	ng	99
74) Di-n-butylphthalate	18.148	149	2189917	20.303	ng	100
75) Fluoranthene	19.254	202	2516802	21.002	ng	99
77) Benzidine	19.454	184	984237	20.030	ng	99
78) Pyrene	19.630	202	2700976	20.628	ng	100
80) Butylbenzylphthalate	20.607	149	787044	18.358	ng	98
81) Benzo(a)anthracene	21.554	228	2723711	20.474	ng	100
82) 3,3'-Dichlorobenzidine	21.477	252	821245	19.160	ng	100
83) Chrysene	21.624	228	2610441	20.715	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	1336224	18.694	ng	100
85) Di-n-octyl phthalate	22.807	149	1984874	17.224	ng	99
87) Indeno(1,2,3-cd)pyrene	28.648	276	3205879m	20.856	ng	
88) Benzo(b)fluoranthene	23.836	252	2661543	20.584	ng	100
89) Benzo(k)fluoranthene	23.907	252	2720350	20.602	ng	99
90) Benzo(a)pyrene	24.724	252	2440075	20.541	ng	100
91) Dibenzo(a,h)anthracene	28.730	278	2601046	20.785	ng	99
92) Benzo(g,h,i)perylene	29.806	276	2538211	21.078	ng	99

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

Quantitation Report (QT Reviewed)

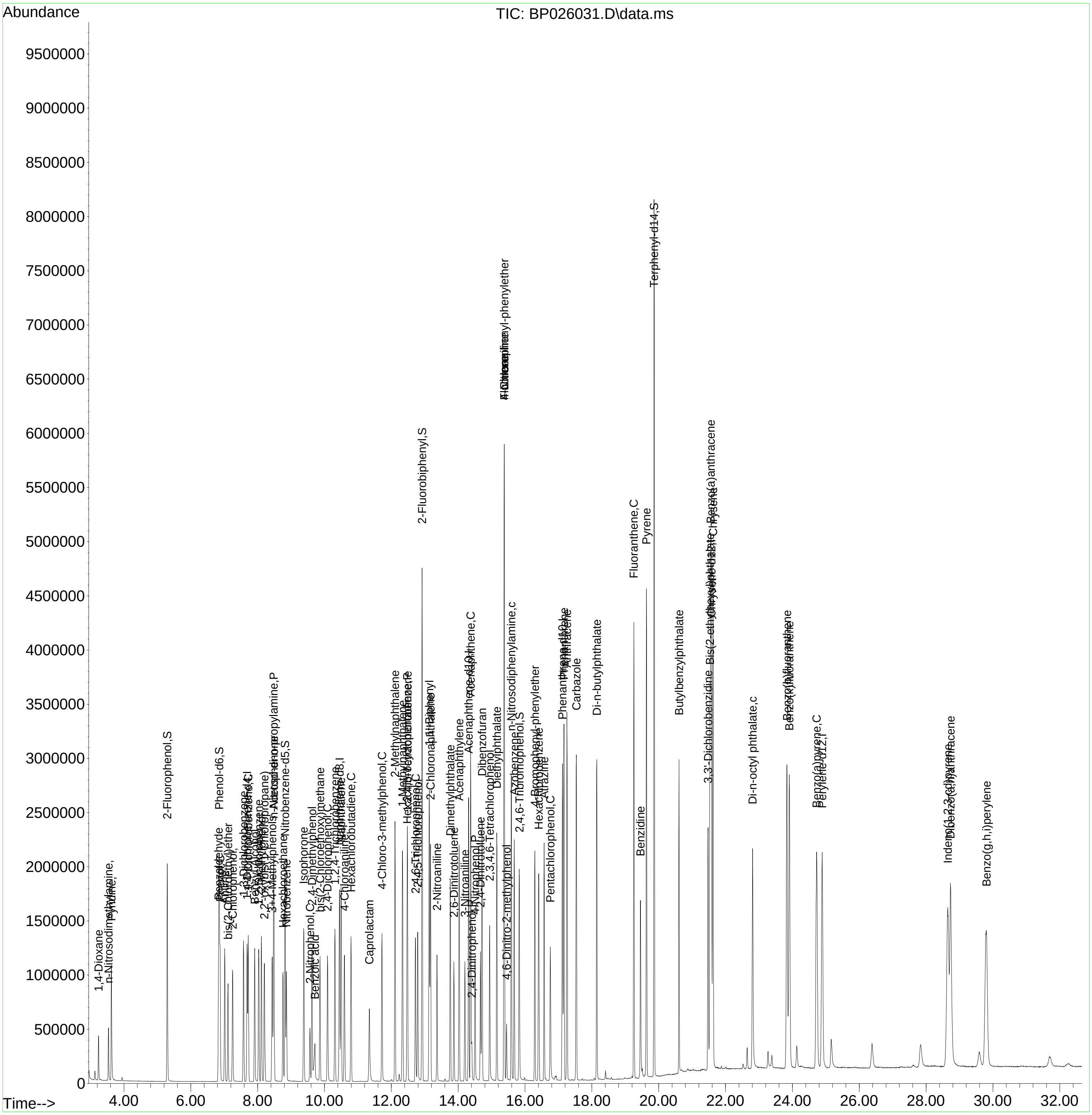
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026031.D
Acq On : 29 Oct 2025 11:29
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

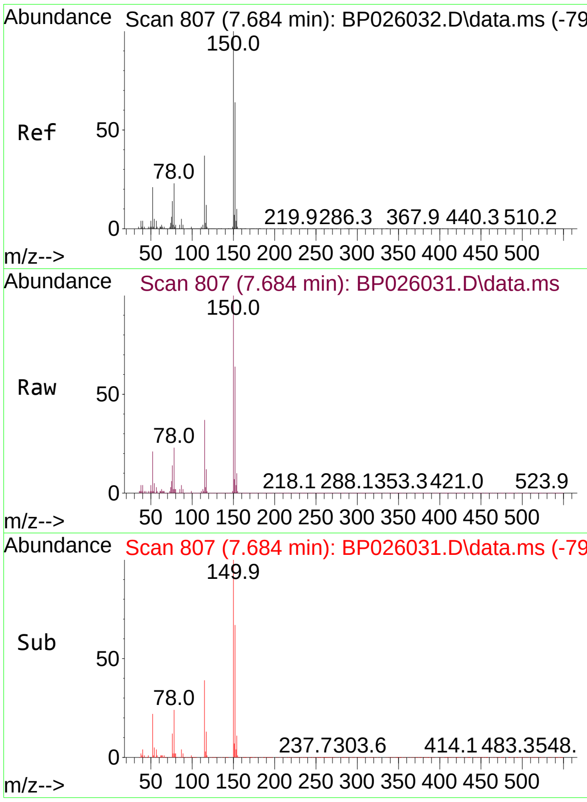
Quant Time: Oct 29 18:08:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



ICAL Form



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min   Scan# 80
Delta R.T.   -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025   11:29

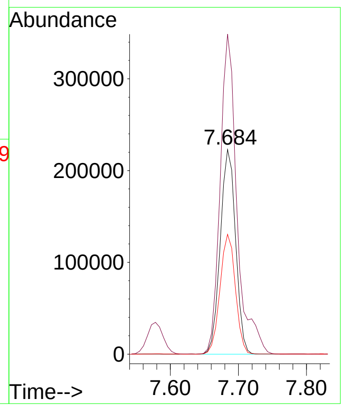
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

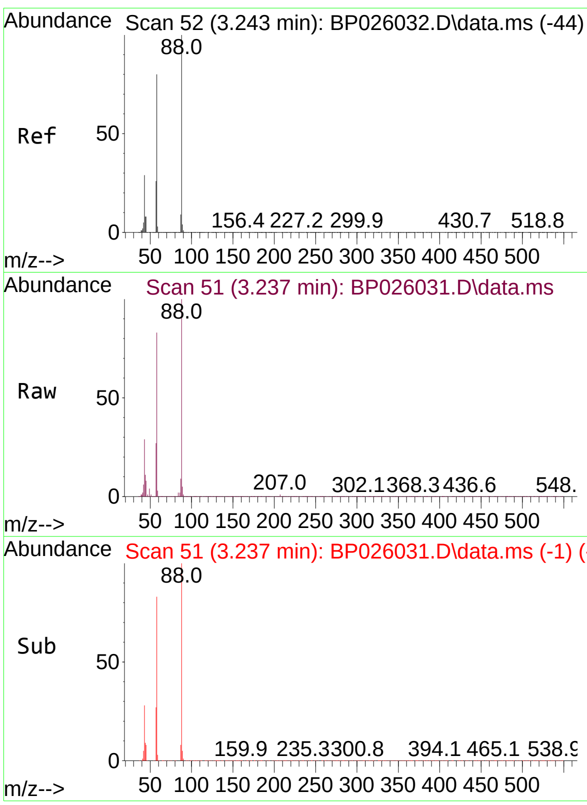
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli   10/30/2025
Supervised By :Jagrut Upadhyay   11/04/2025

Tgt Ion:152 Resp: 347170

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.7	188.5
115	58.6	46.4	69.6

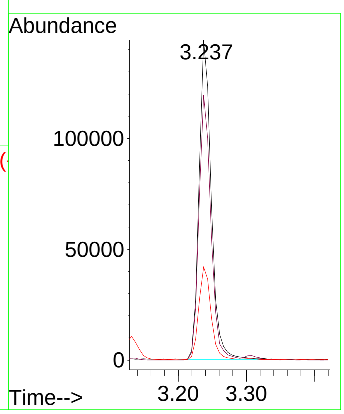




#2
1,4-Dioxane
Concen: 20.318 ng
RT: 3.237 min   Scan# 51
Delta R.T.   0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025   11:29

Tgt Ion: 88 Resp: 180212

Ion	Ratio	Lower	Upper
88	100		
58	81.6	65.4	98.0
43	29.2	23.1	34.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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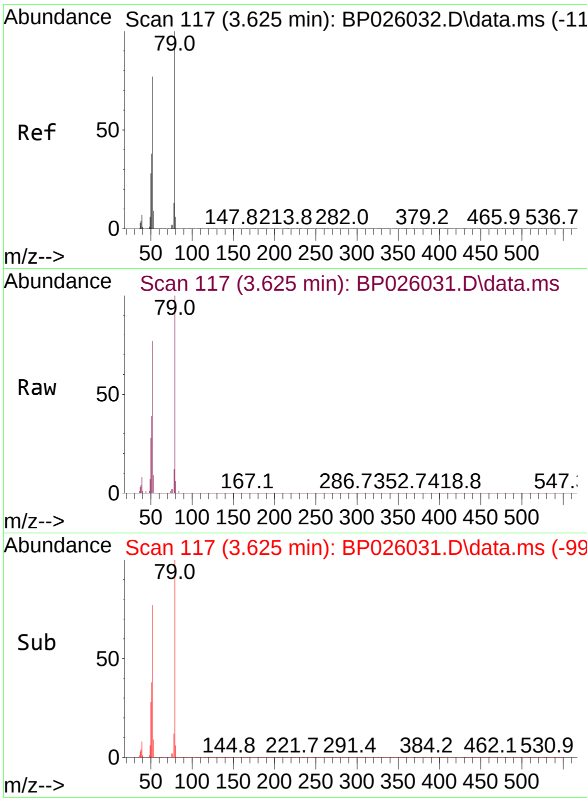
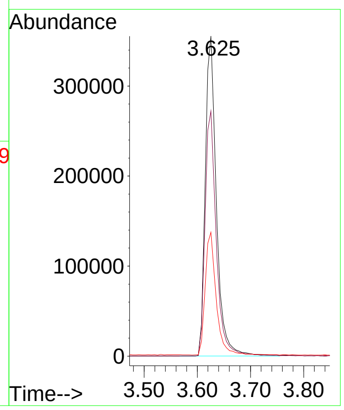
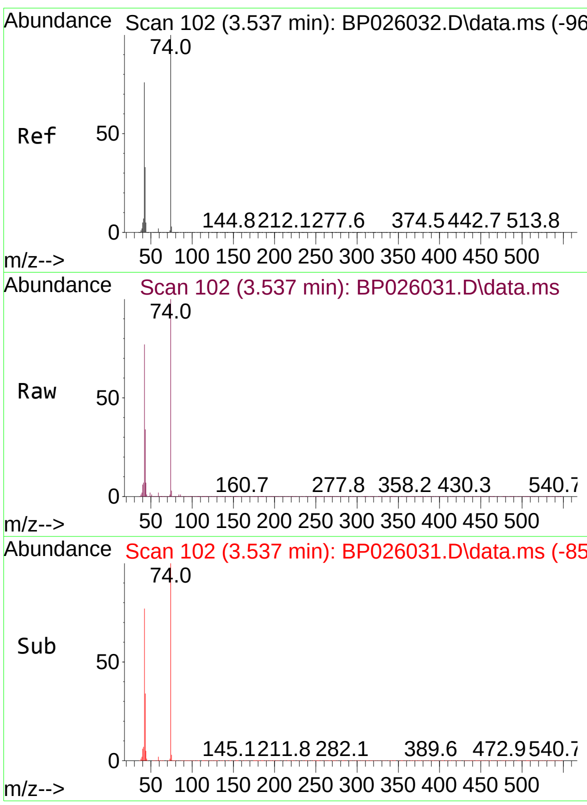
Supervised By :Jagrut Upadhyay 11/04/2025




```
#3
Pyridine
Concen:   20.483 ng
RT:   3.625 min   Scan# 11
Delta R.T.   0.006 min
Lab File:    BP026031.D
Acq: 29 Oct 2025   11:29

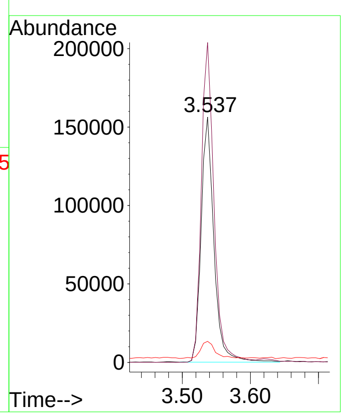
Tgt Ion: 79 Resp:   51646
Ion   Ratio   Lower   Upper
 79   100
 52    76.6    62.0    93.0
 51    38.7    30.6    46.0
```






```
#4
n-Nitrosodimethylamine
Concen:   20.287 ng
RT:   3.537 min   Scan# 102
Delta R.T.   0.000 min
Lab File:    BP026031.D
Acq: 29 Oct 2025   11:29

Tgt Ion: 42 Resp:   205014
Ion   Ratio   Lower   Upper
 42   100
 74   130.4   105.7   158.5
 44     8.6     6.6     9.8
```



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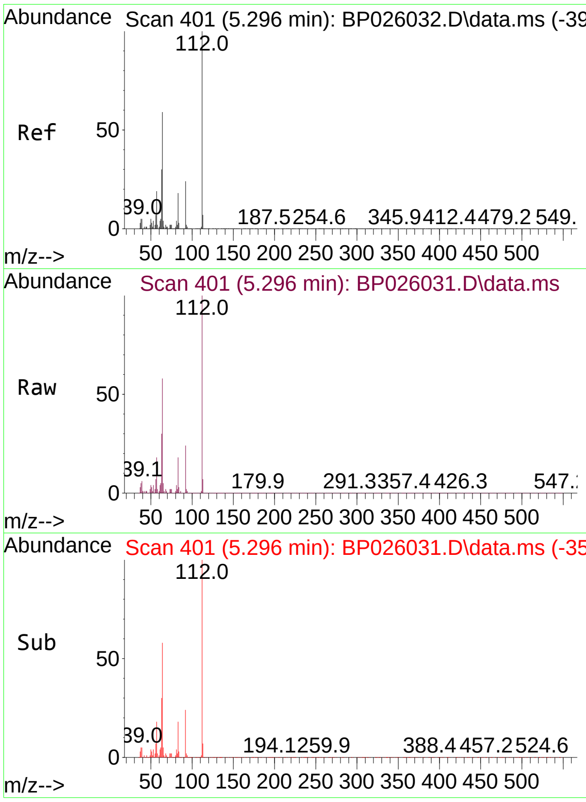

#5
2-Fluorophenol
Concen: 40.714 ng
RT: 5.296 min   Scan# 40
Delta R.T.   0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025   11:29

Tgt Ion:112 Resp: 85659

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.4	71.2
63	29.9	24.2	36.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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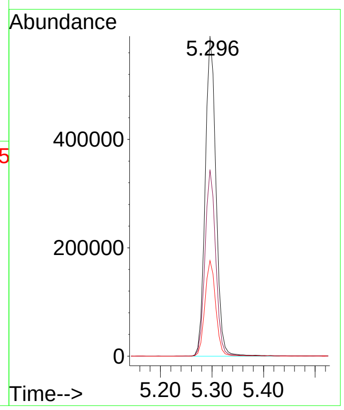
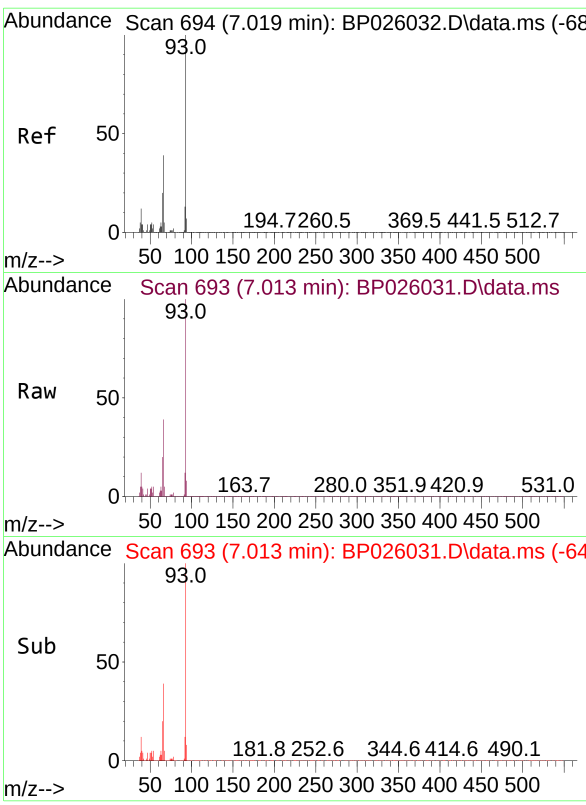
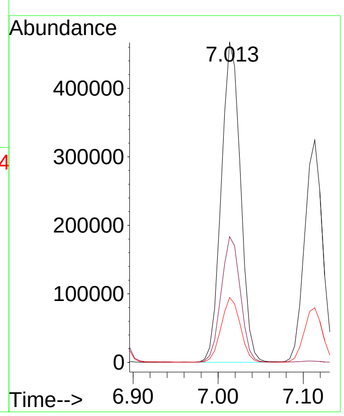




#6
Aniline
Concen: 20.567 ng
RT: 7.013 min   Scan# 693
Delta R.T.   -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025   11:29

Tgt Ion: 93 Resp: 735067

Ion	Ratio	Lower	Upper
93	100		
66	39.3	31.2	46.8
65	20.3	16.1	24.1



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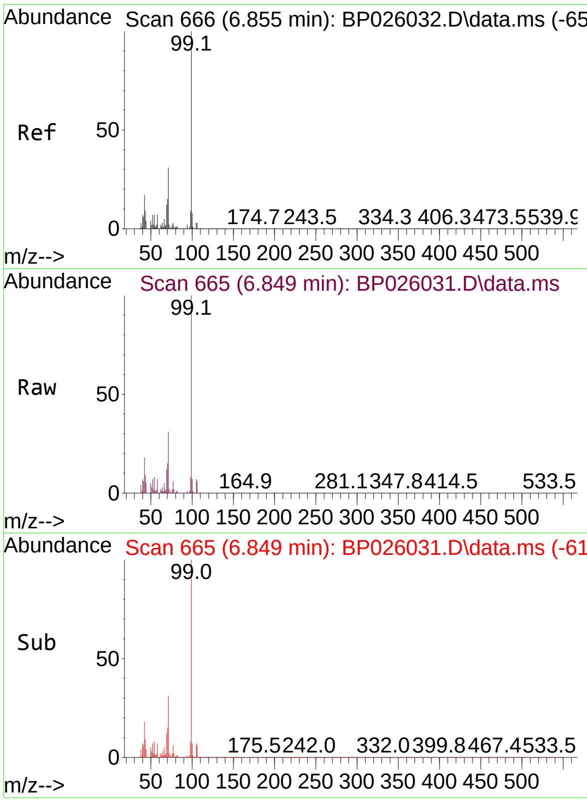

#7
Phenol-d6
Concen: 40.803 ng
RT: 6.849 min Scan# 66
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 109266

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.7	20.5
71	30.7	24.4	36.6

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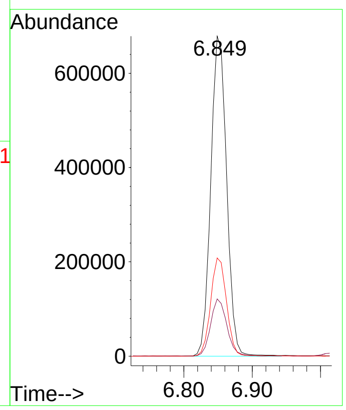
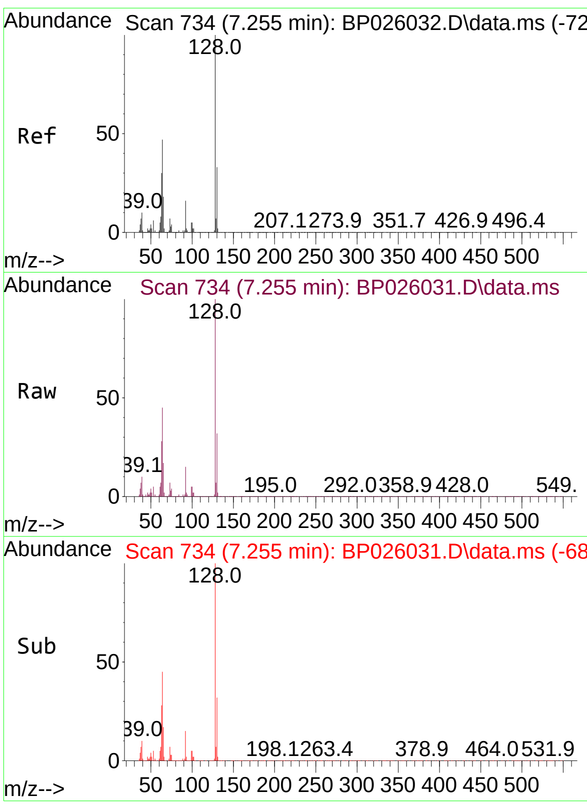
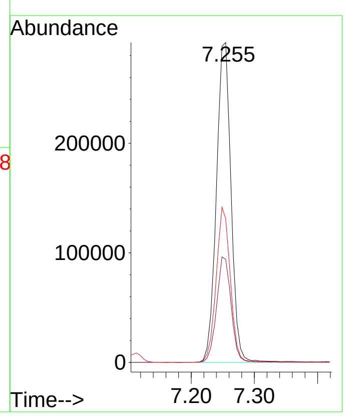




#8
2-Chlorophenol
Concen: 20.201 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:128 Resp: 470651

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.7	52.7
64	44.9	27.4	67.4



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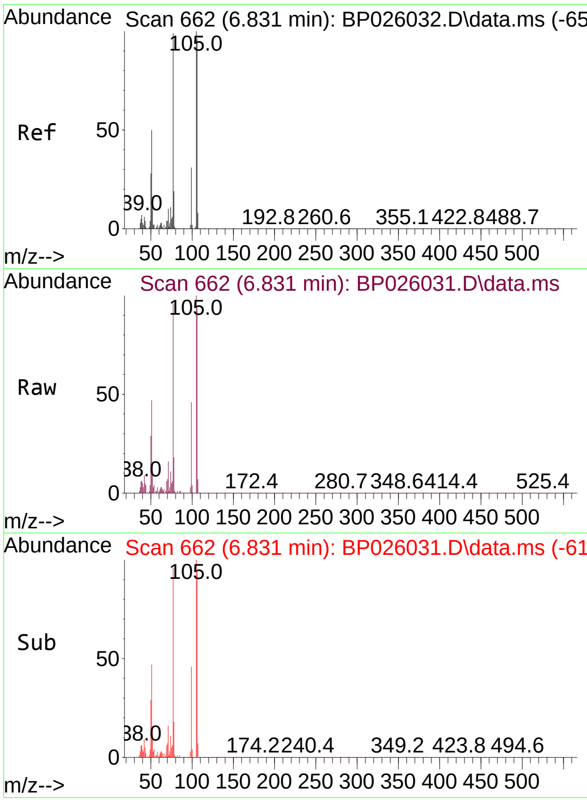

#9
Benzaldehyde
Concen: 23.383 ng m
RT: 6.831 min Scan# 66
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 77 Resp: 32551

Ion	Ratio	Lower	Upper
77	100		
105	104.1	80.7	120.7
106	97.6	76.5	116.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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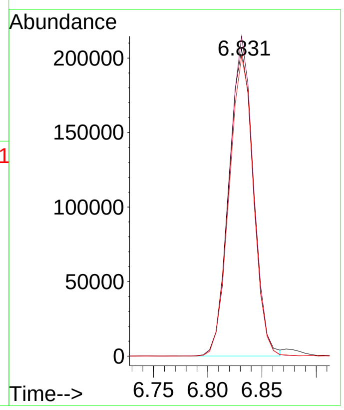
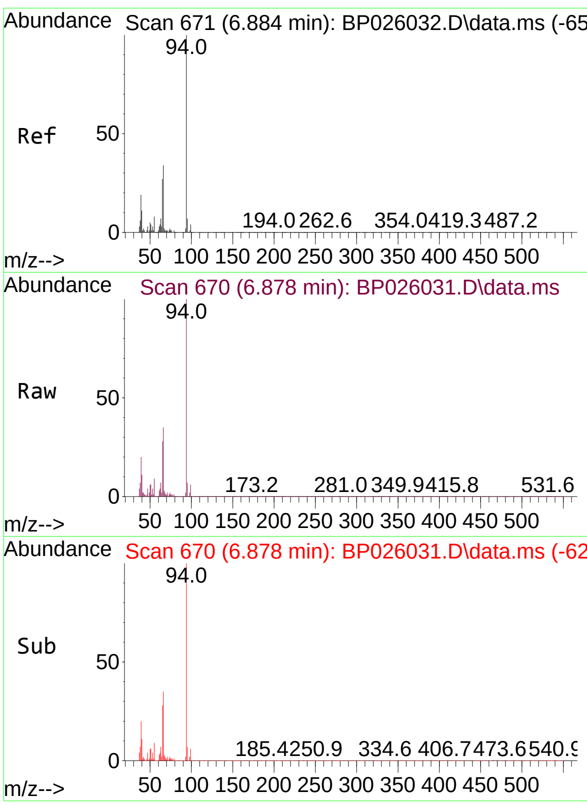
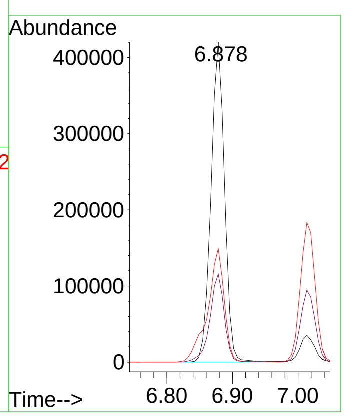




#10
Phenol
Concen: 20.436 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 94 Resp: 607568

Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.1	47.1
66	35.5	14.4	54.4



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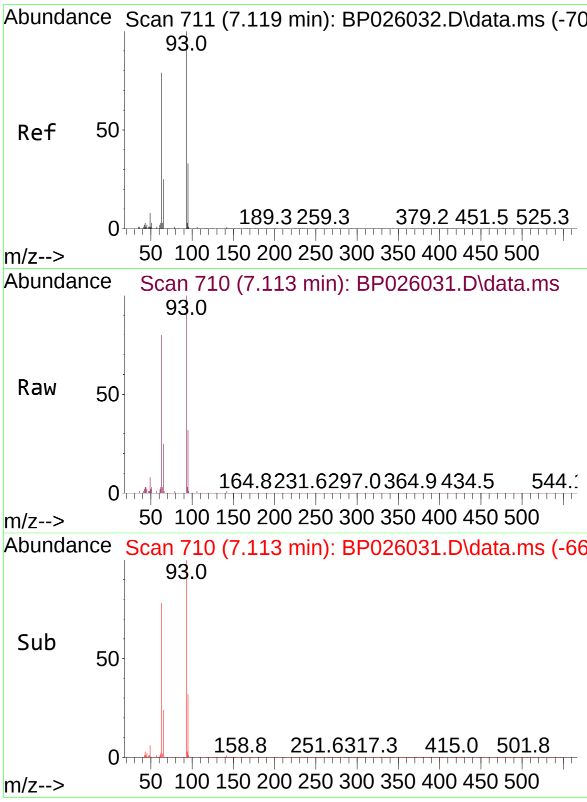

#11
bis(2-Chloroethyl)ether
Concen: 20.308 ng
RT: 7.113 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 47645

Ion	Ratio	Lower	Upper
93	100		
63	79.5	59.1	99.1
95	32.2	12.6	52.6

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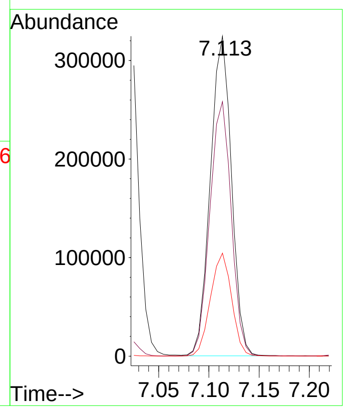
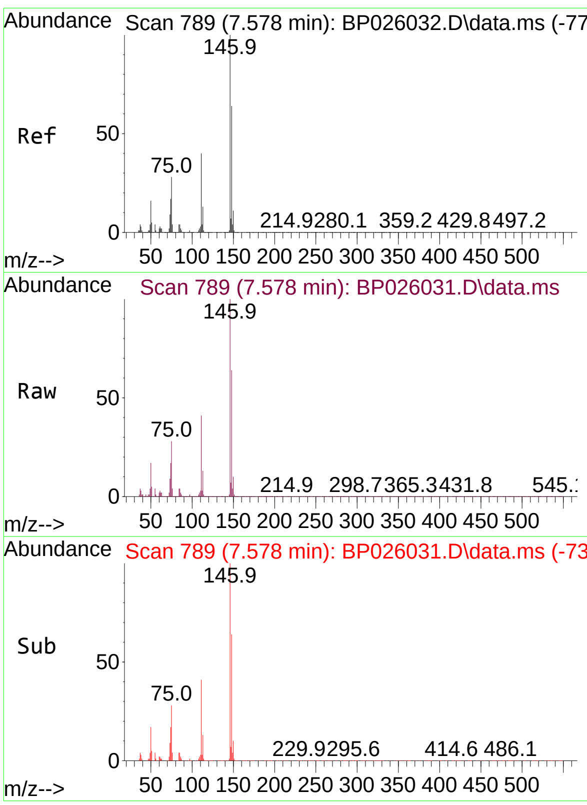
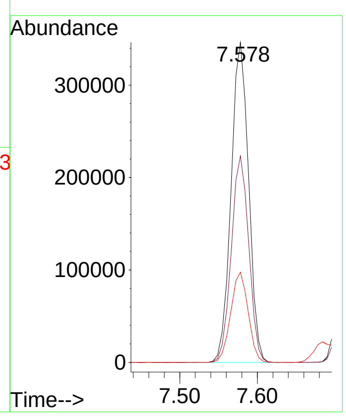


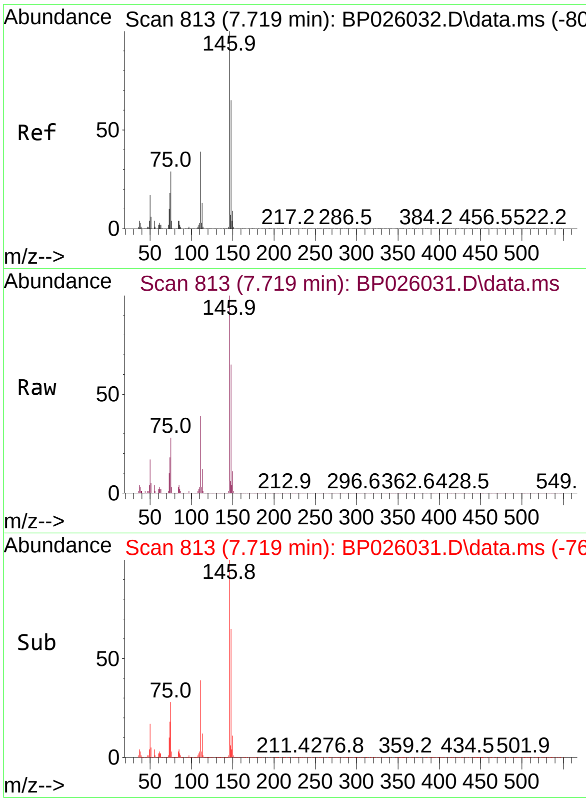


#12
1,3-Dichlorobenzene
Concen: 20.396 ng
RT: 7.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:146 Resp: 545717

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
75	28.2	22.6	33.8





#13
1,4-Dichlorobenzene
Concen: 20.337 ng
RT: 7.719 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:146 Resp: 550164

Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	39.2	31.3	46.9

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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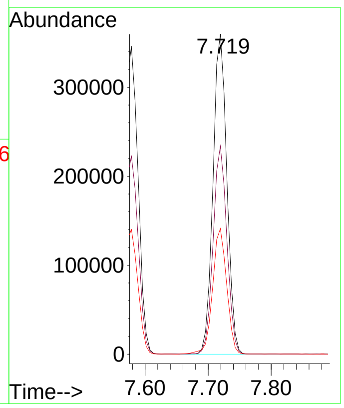
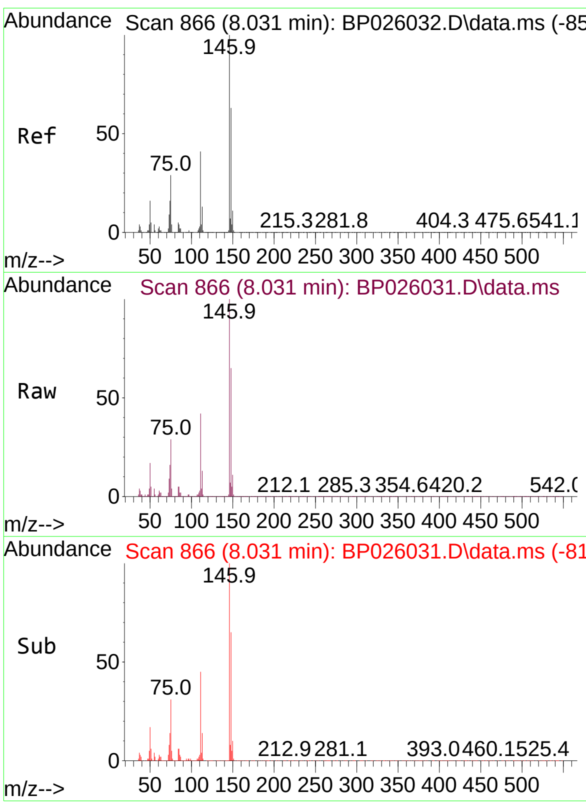
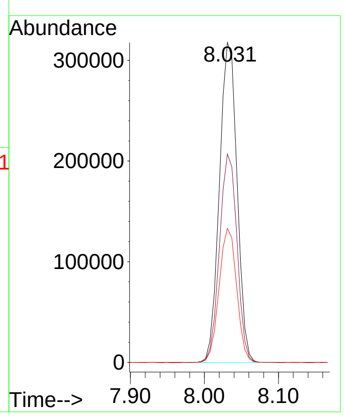


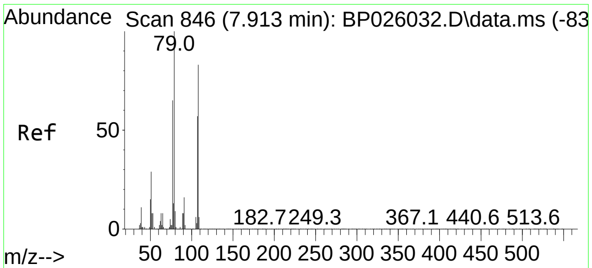


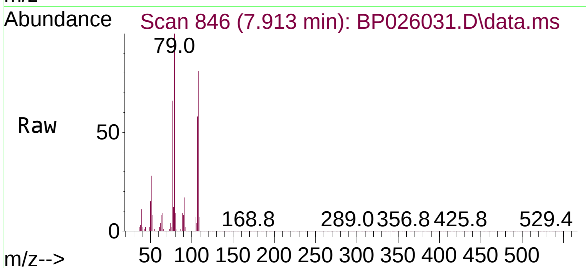
#14
1,2-Dichlorobenzene
Concen: 20.400 ng
RT: 8.031 min Scan# 866
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

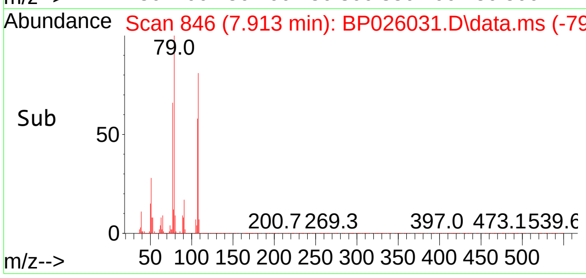
Tgt Ion:146 Resp: 526607

Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.8	76.2
111	41.9	33.0	49.4









#15
Benzyl Alcohol
Concen: 19.765 ng
RT: 7.913 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 38156

Ion	Ratio	Lower	Upper
79	100		
108	81.2	66.0	99.0
77	66.2	52.3	78.5

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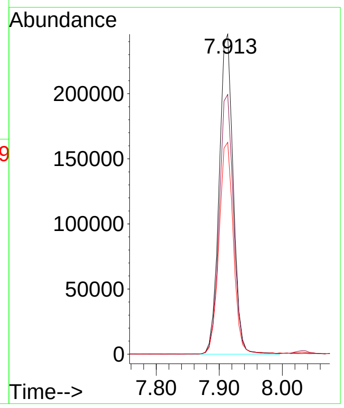
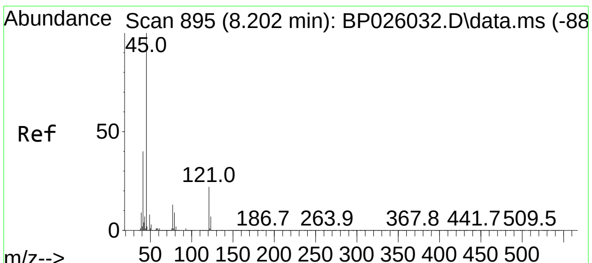
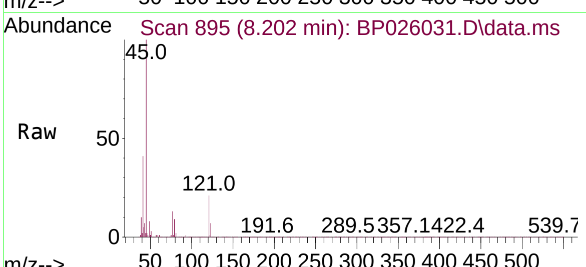
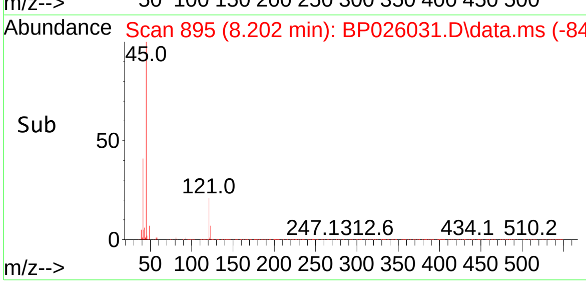




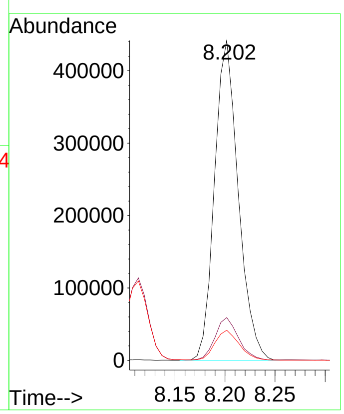




#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.579 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 45 Resp: 729715

Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	33.2
79	9.4	0.0	29.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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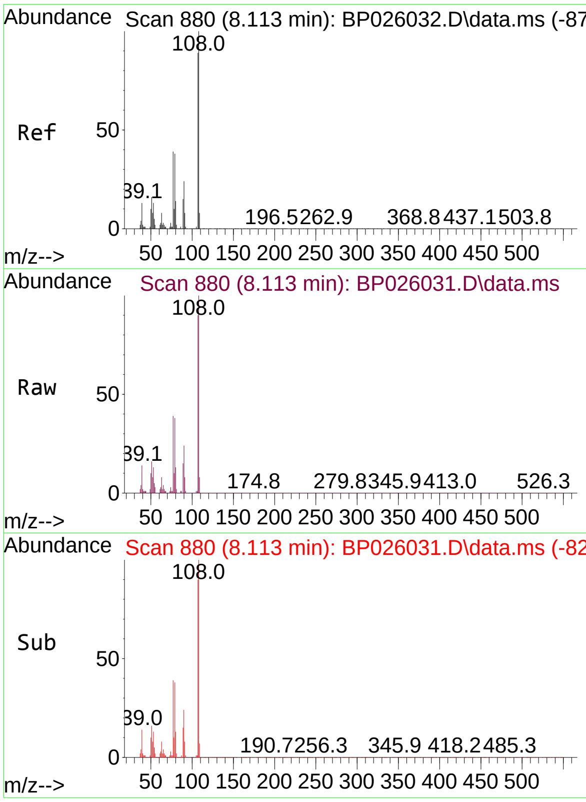
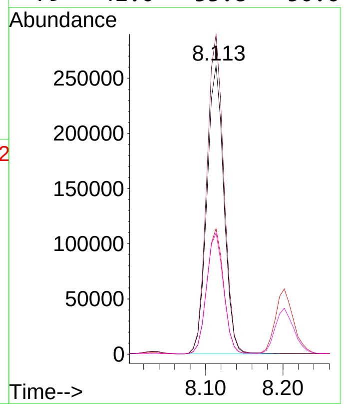
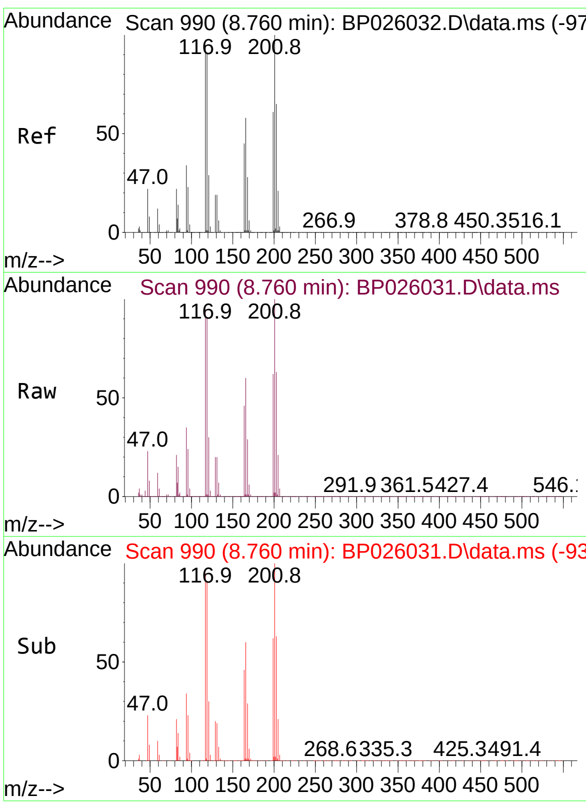


#17
2-Methylphenol
Concen: 20.413 ng
RT: 8.113 min Scan# 88
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:107 Resp: 39738

Ion	Ratio	Lower	Upper
107	100		
108	110.8	89.8	134.8
77	43.5	34.8	52.2
79	42.0	33.8	50.6

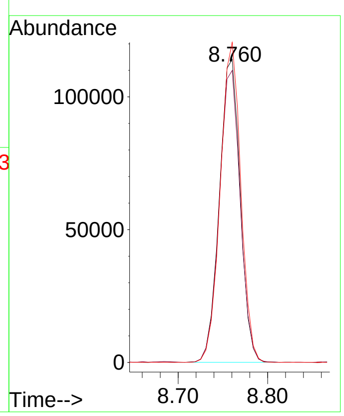




#18
Hexachloroethane
Concen: 20.053 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:117 Resp: 185631

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.5	114.7
201	105.6	84.2	126.4



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Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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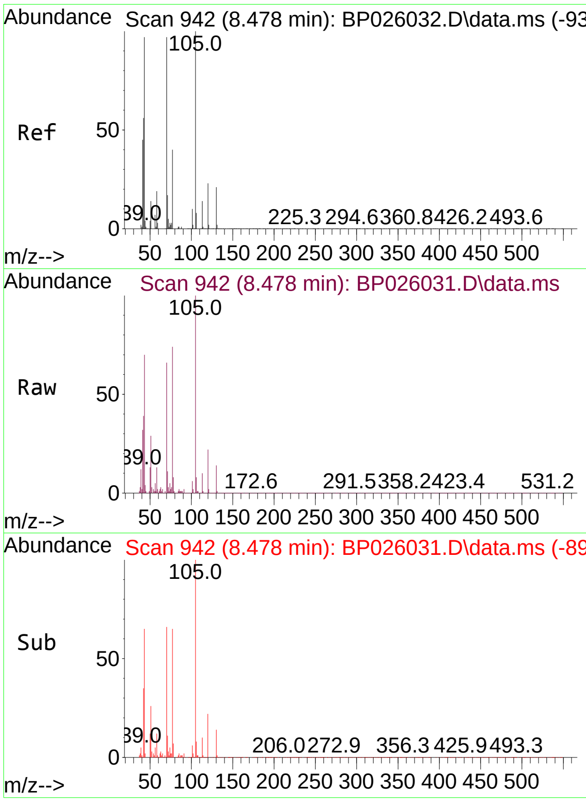
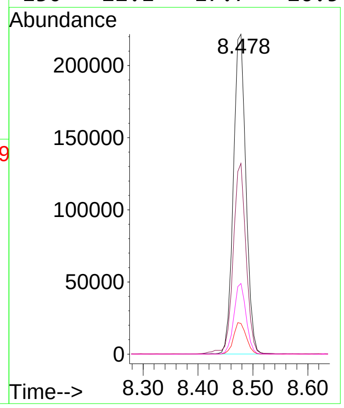
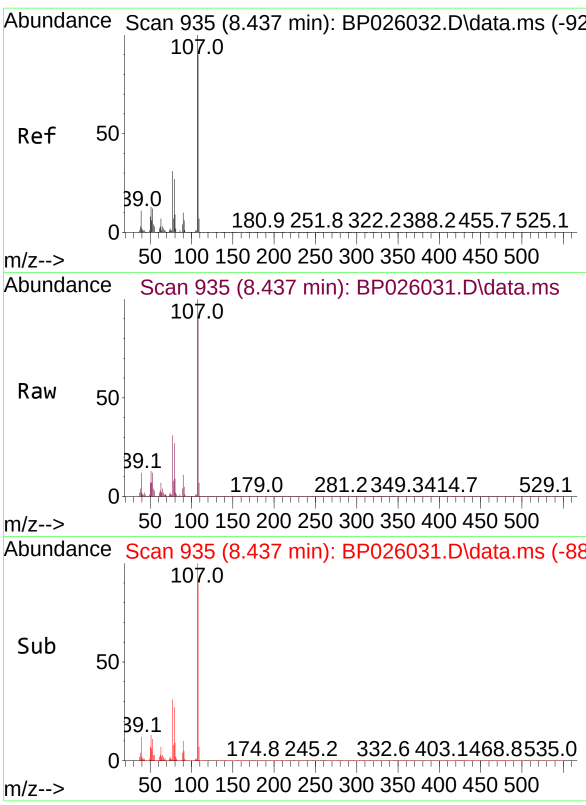


#19
n-Nitroso-di-n-propylamine
Concen: 21.226 ng
RT: 8.478 min Scan# 94
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 70 Resp: 35285

Ion	Ratio	Lower	Upper
70	100		
42	59.6	47.2	70.8
101	9.6	8.2	12.2
130	22.1	17.7	26.5

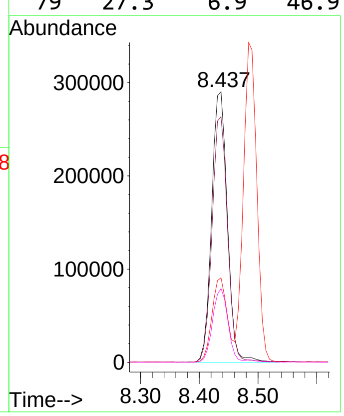


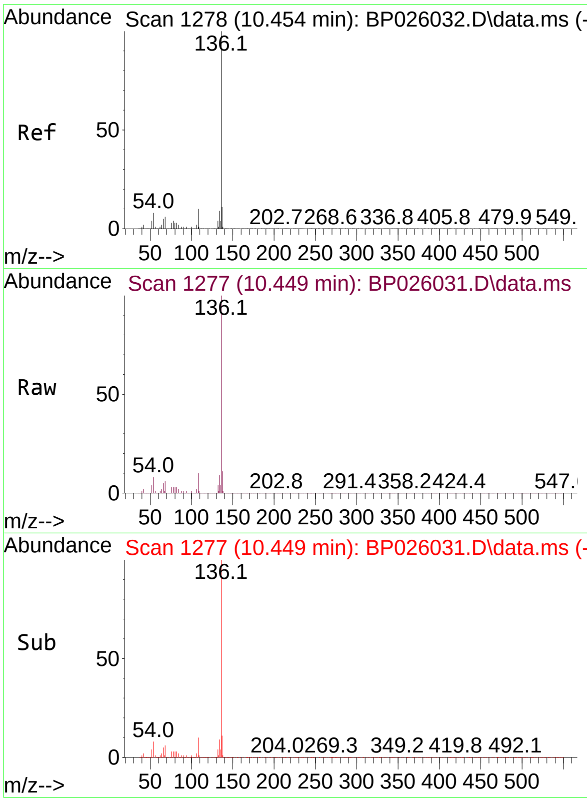


#20
3+4-Methylphenols
Concen: 19.965 ng
RT: 8.437 min Scan# 935
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:107 Resp: 540688

Ion	Ratio	Lower	Upper
107	100		
108	90.8	70.1	110.1
77	31.3	10.7	50.7
79	27.3	6.9	46.9

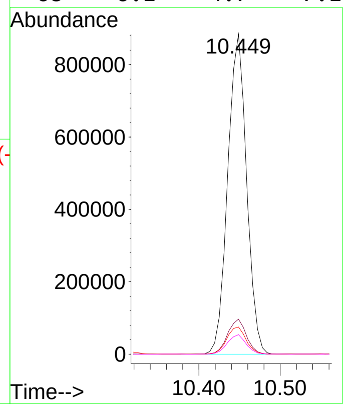




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:136 Resp: 1426046

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.5	6.6	10.0
68	6.1	4.7	7.1



Instrument : BNA_P
ClientSampleId : SSTDICC020

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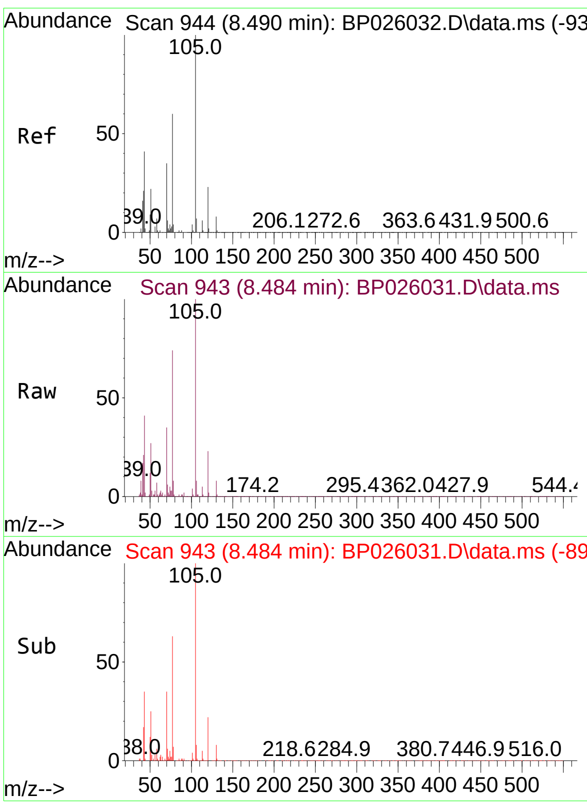
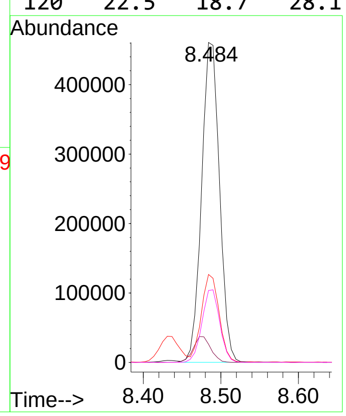


#22
Acetophenone
Concen: 20.505 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:105 Resp: 739513

Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.7	7.1
51	27.5	21.8	32.8
120	22.5	18.7	28.1



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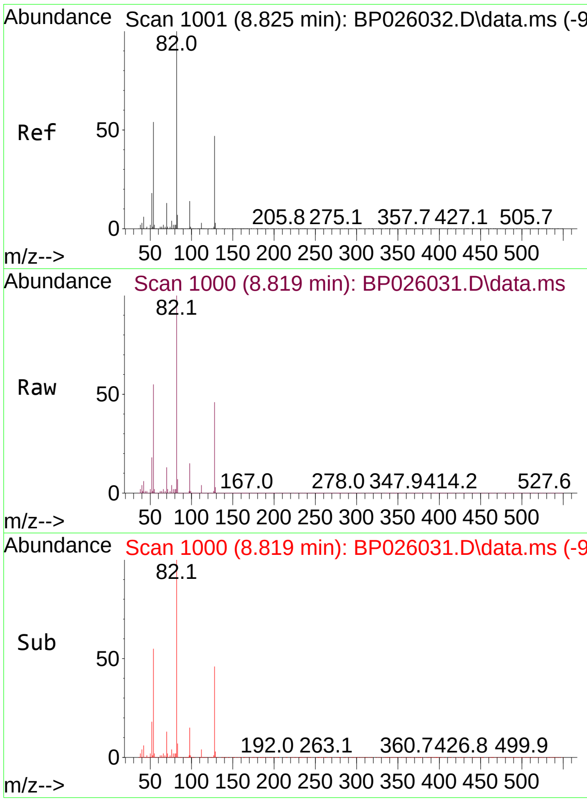

#23
Nitrobenzene-d5
Concen: 40.712 ng
RT: 8.819 min   Scan# 10
Delta R.T.   -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025   11:29

Tgt Ion: 82 Resp: 93130
Ion   Ratio   Lower   Upper
82   100
128   45.8   37.4   56.0
54   54.6   42.7   64.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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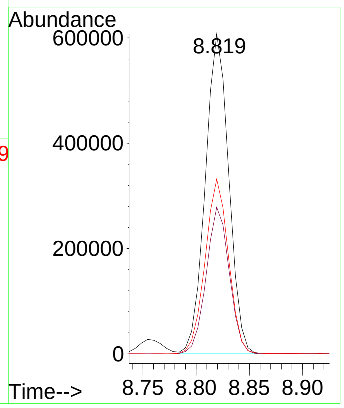
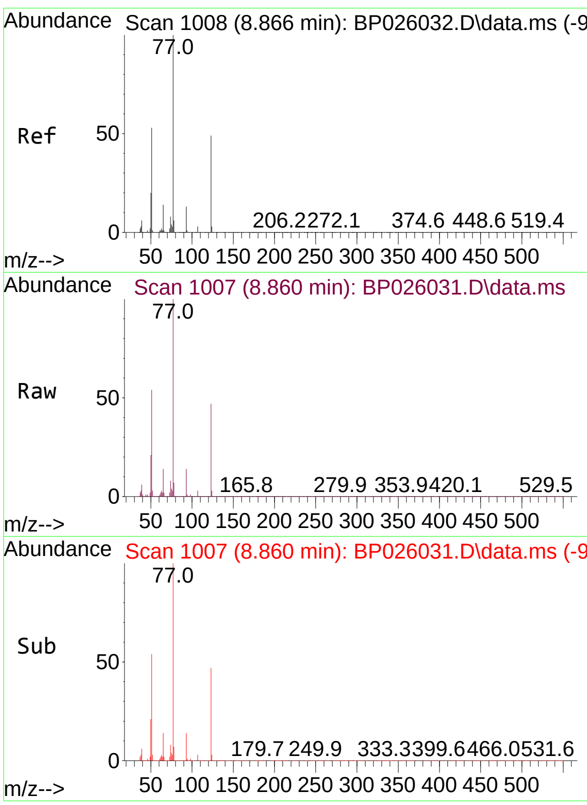
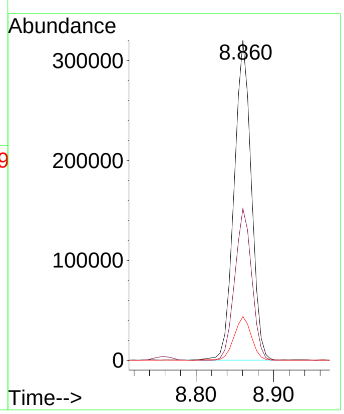
Supervised By :Jagrut Upadhyay   11/04/2025





#24
Nitrobenzene
Concen: 20.407 ng
RT: 8.860 min   Scan# 1007
Delta R.T.   -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025   11:29

Tgt Ion: 77 Resp: 492888
Ion   Ratio   Lower   Upper
77   100
123   47.4   39.0   58.4
65   13.7   10.9   16.3



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Instrument :
BNA_P
ClientSampleId :
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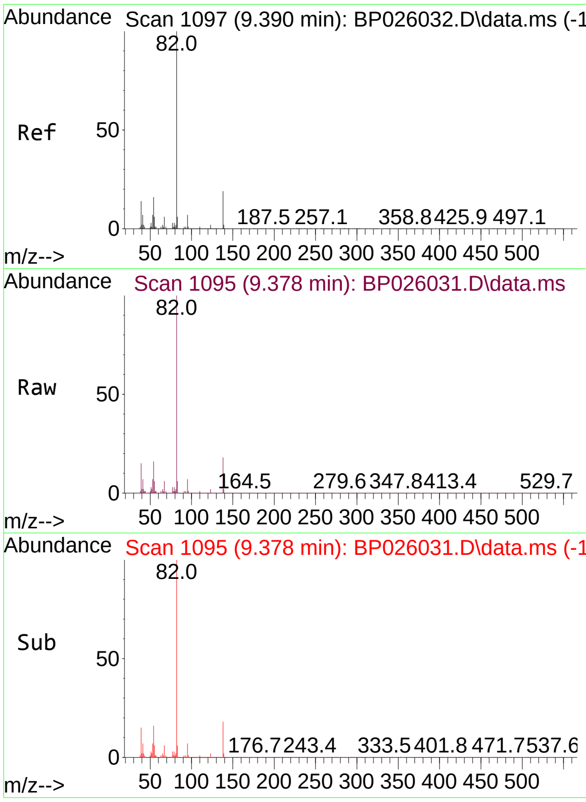
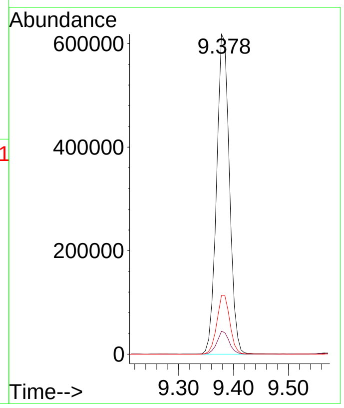
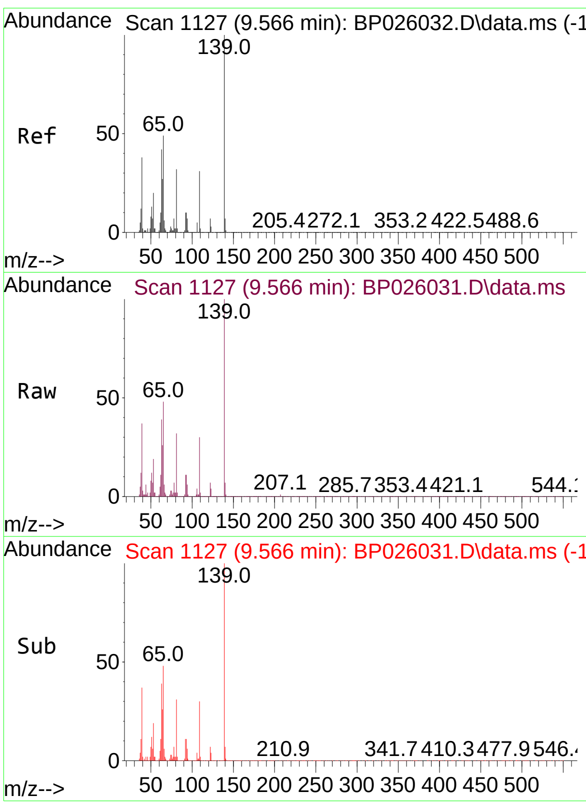


#25
Isophorone
Concen: 20.531 ng
RT: 9.378 min Scan# 10
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 82 Resp: 100523

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	18.3	15.0	22.6

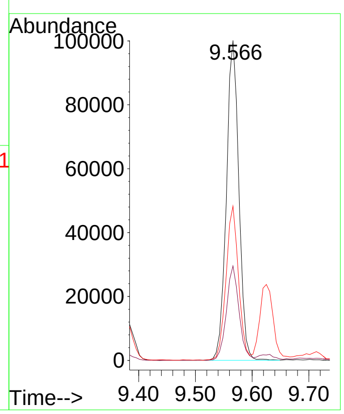


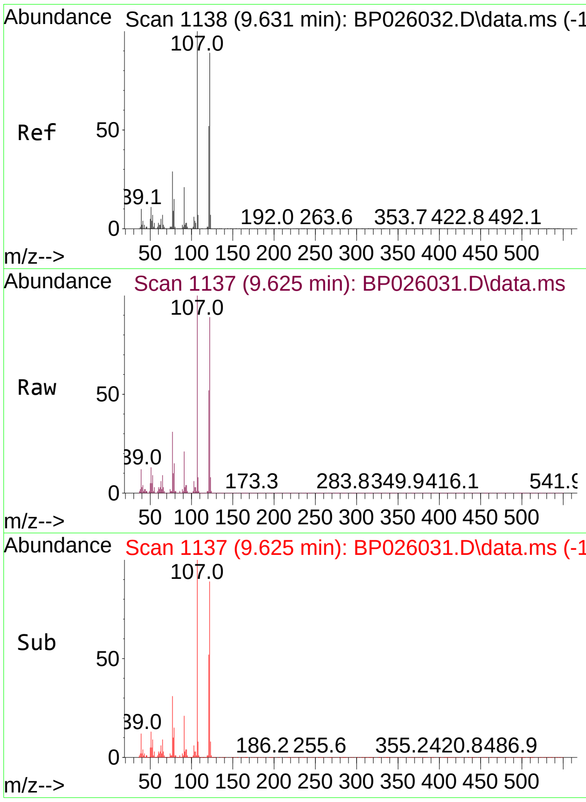


#26
2-Nitrophenol
Concen: 18.908 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:139 Resp: 152813

Ion	Ratio	Lower	Upper
139	100		
109	29.5	24.8	37.2
65	48.2	39.0	58.4





#27
2,4-Dimethylphenol
Concen: 19.481 ng
RT: 9.625 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 40111

Ion	Ratio	Lower	Upper
122	100		
107	112.2	89.2	133.8
121	58.3	46.3	69.5

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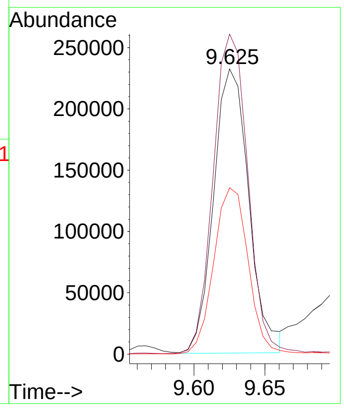
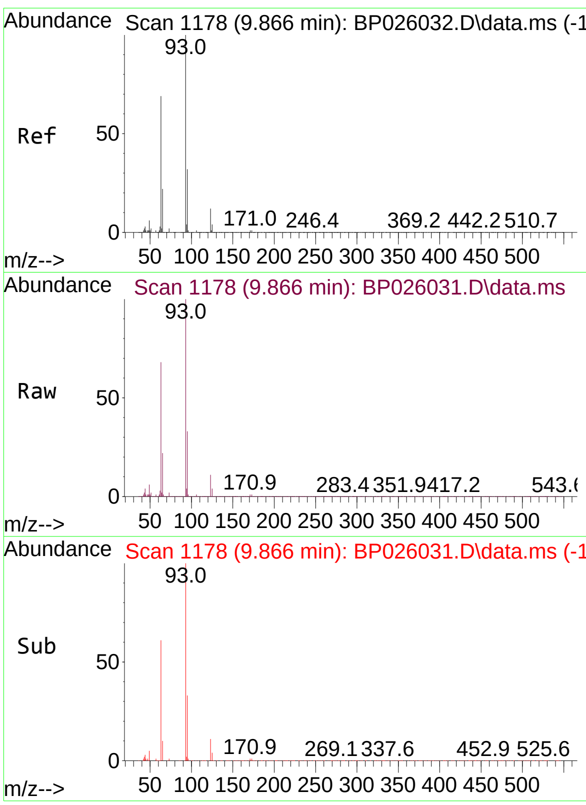
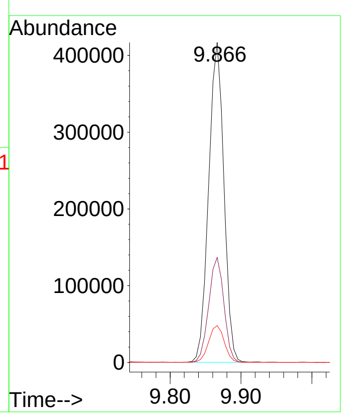




#28
bis(2-Chloroethoxy)methane
Concen: 20.157 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 93 Resp: 622000

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.6
123	11.5	9.3	13.9



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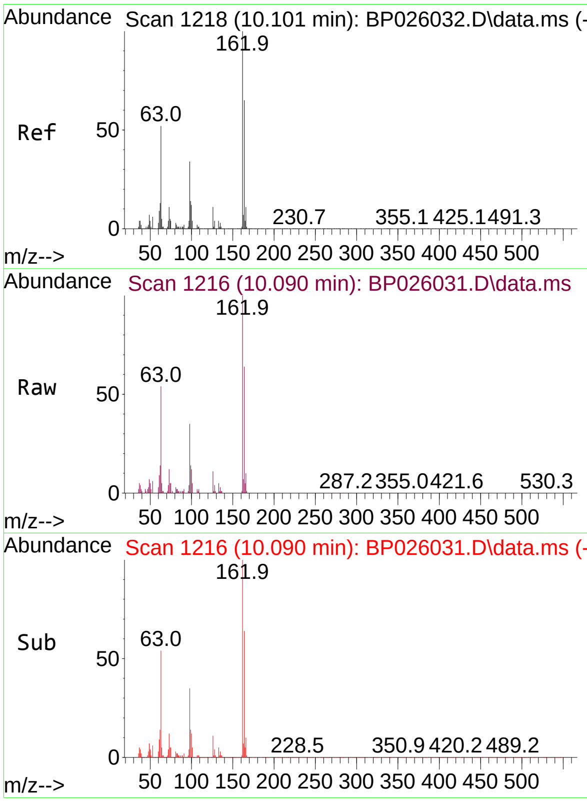

#29
2,4-Dichlorophenol
Concen: 20.189 ng
RT: 10.090 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:162 Resp: 43890

Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	34.9	14.0	54.0

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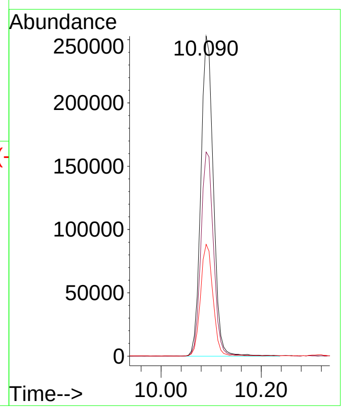
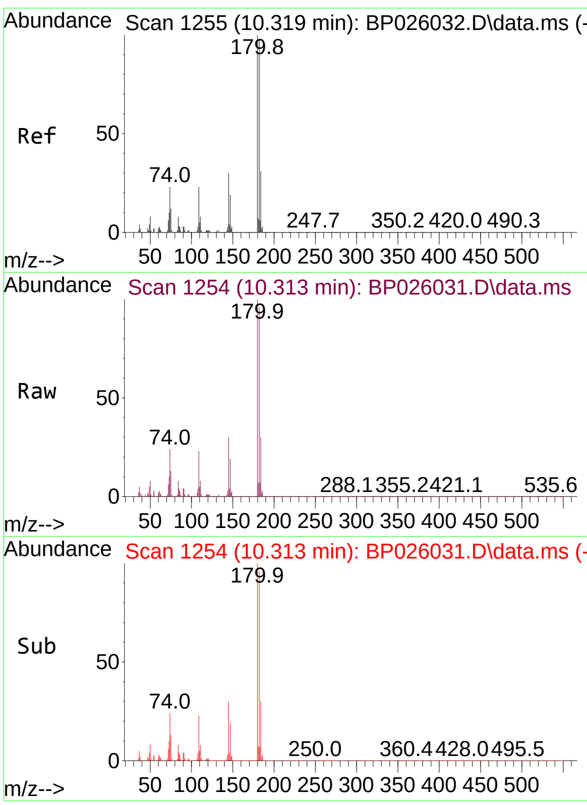
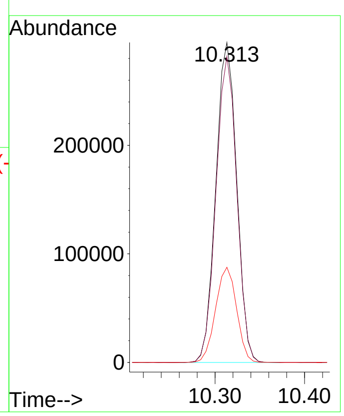


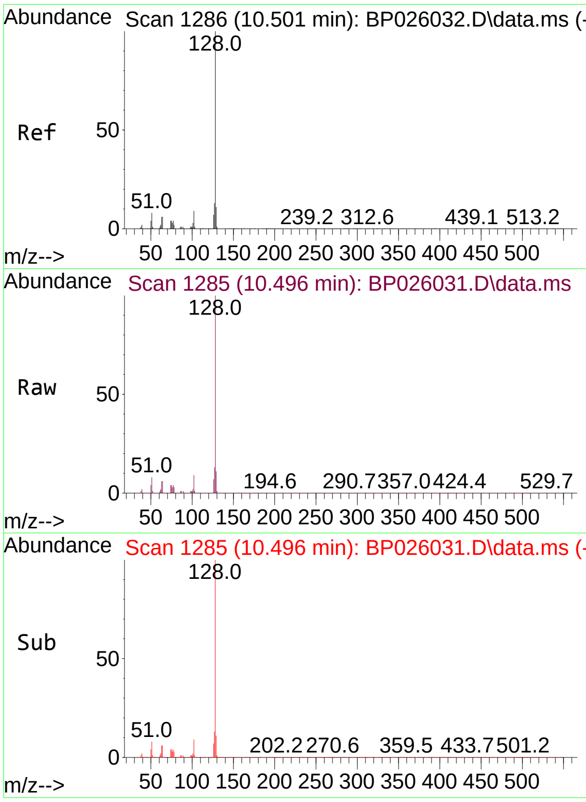


#30
1,2,4-Trichlorobenzene
Concen: 20.315 ng
RT: 10.313 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:180 Resp: 480041

Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.6	117.8
145	29.7	24.2	36.4





#31
Naphthalene
Concen: 20.560 ng
RT: 10.496 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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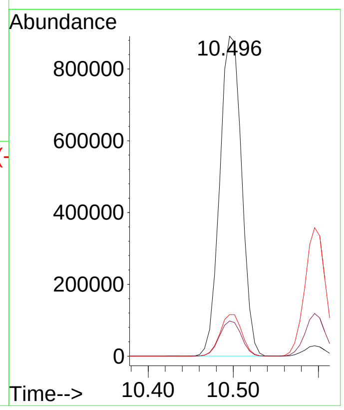
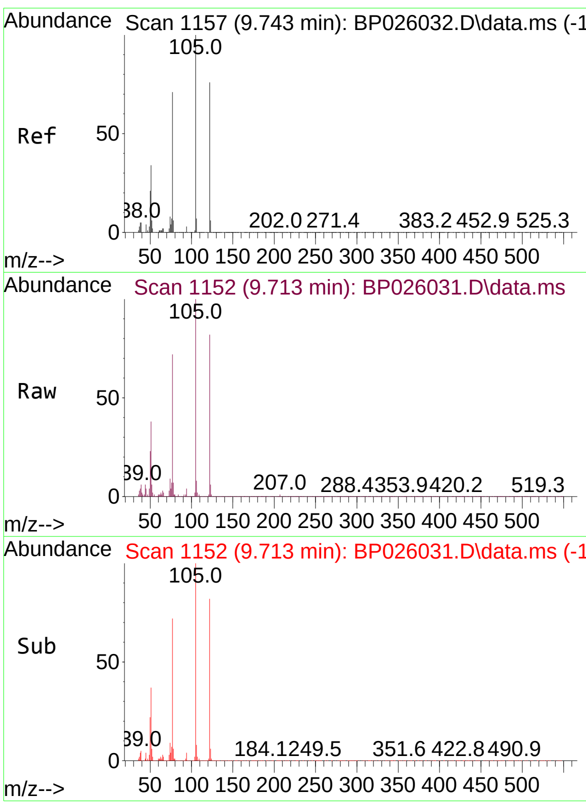
Tgt Ion:128 Resp: 159886

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.5	15.7

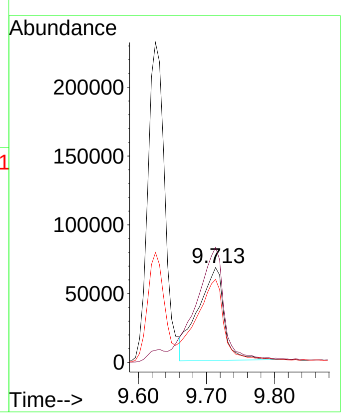




#32
Benzoic acid
Concen: 19.682 ng
RT: 9.713 min Scan# 1152
Delta R.T. -0.065 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:122 Resp: 181442

Ion	Ratio	Lower	Upper
122	100		
105	121.3	104.8	144.8
77	87.6	70.9	110.9



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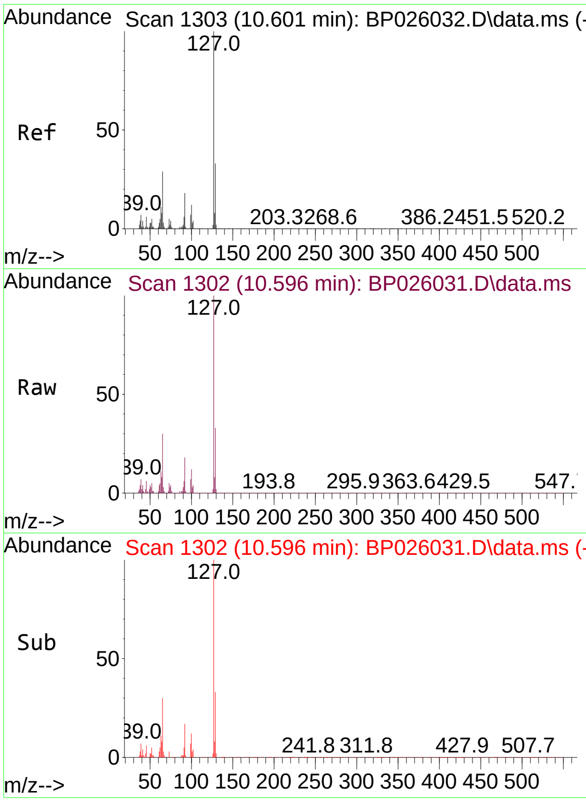

#33
4-Chloroaniline
Concen: 20.383 ng
RT: 10.596 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:127 Resp: 60911

Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	30.0	23.2	34.8
92	17.8	14.5	21.7

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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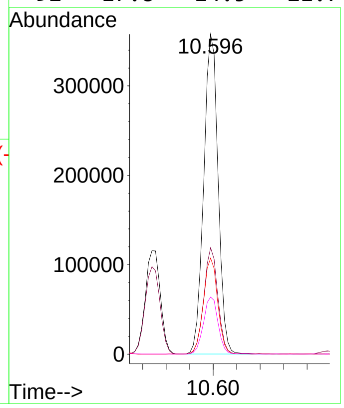
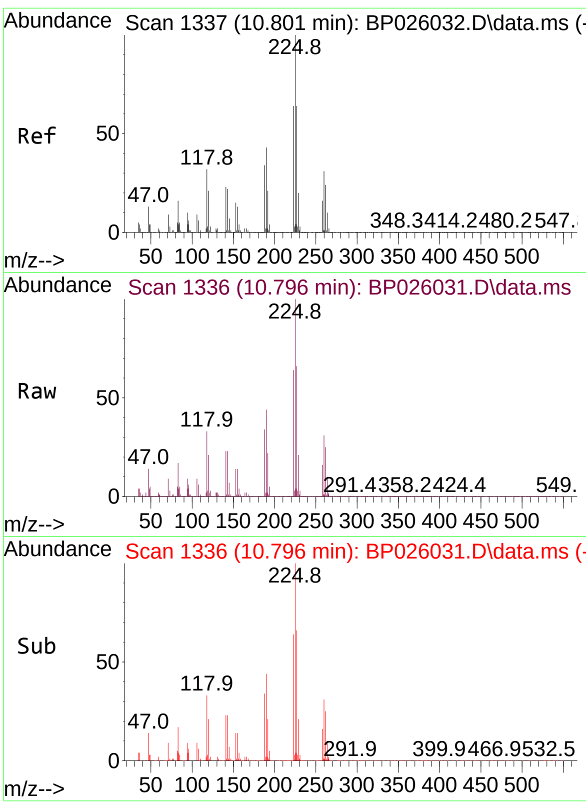
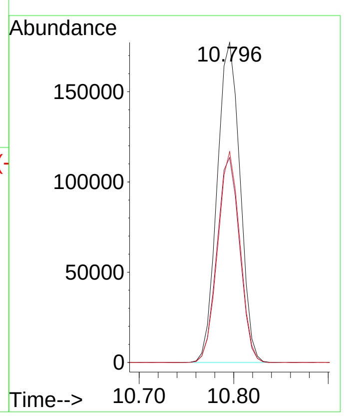




#34
Hexachlorobutadiene
Concen: 19.881 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:225 Resp: 298535

Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.9	76.3
227	65.9	51.0	76.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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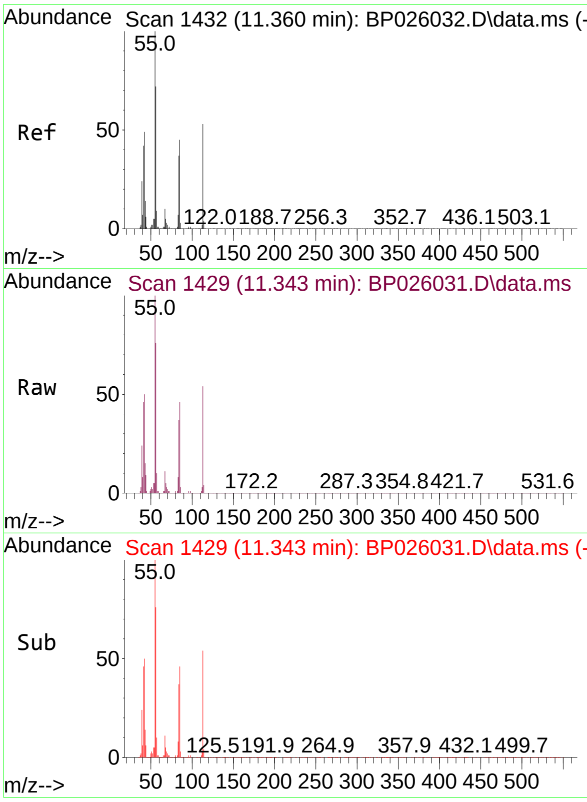
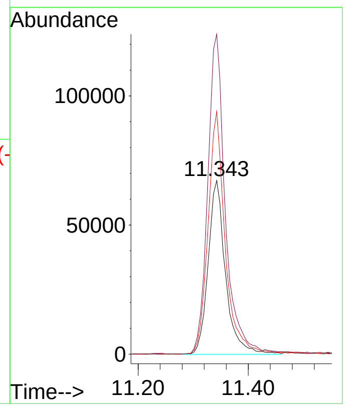
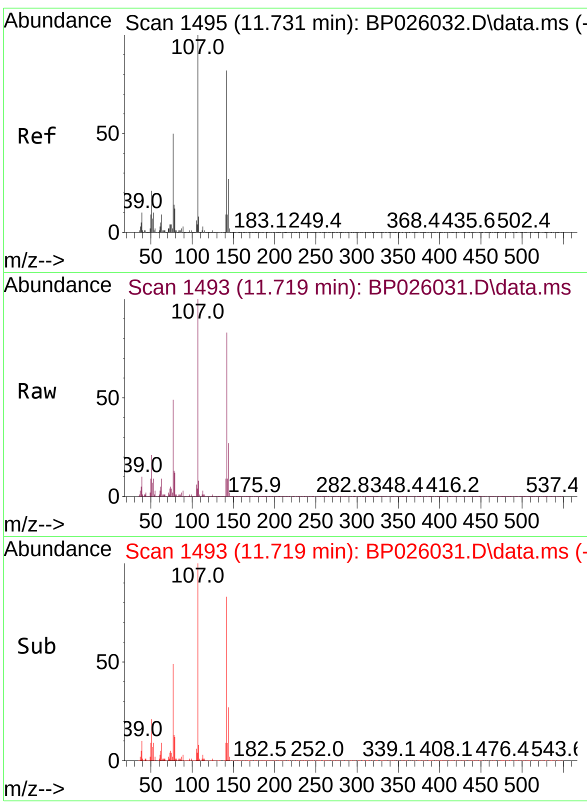



```
#35
Caprolactam
Concen:   19.234 ng
RT:  11.343 min  Scan# 14
Delta R.T.  -0.041 min
Lab File:   BP026031.D
Acq: 29 Oct 2025  11:29

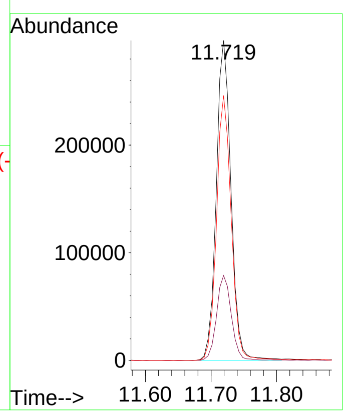
Tgt Ion:113 Resp:  14684
Ion  Ratio  Lower  Upper
113  100
 55  184.5  169.9  209.9
 56  139.9  116.7  156.7
```

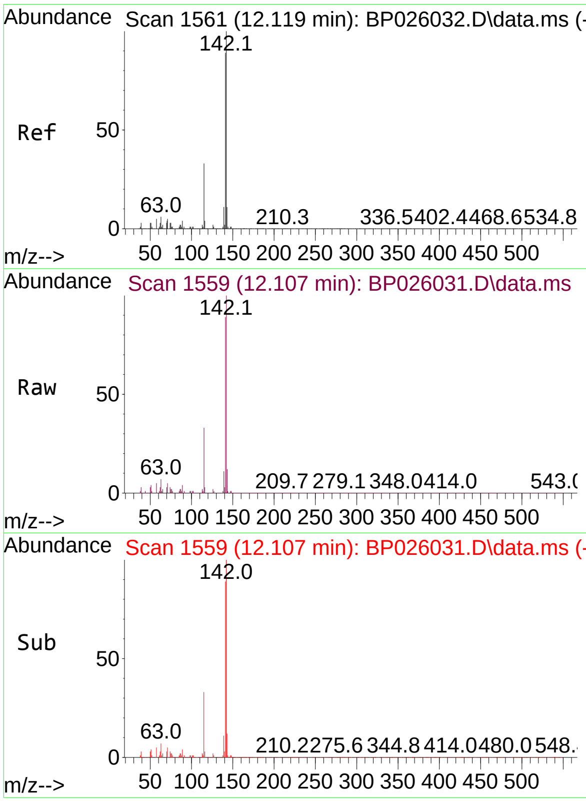





```
#36
4-Chloro-3-methylphenol
Concen:   20.367 ng
RT:  11.719 min  Scan# 1493
Delta R.T.  -0.011 min
Lab File:   BP026031.D
Acq: 29 Oct 2025  11:29

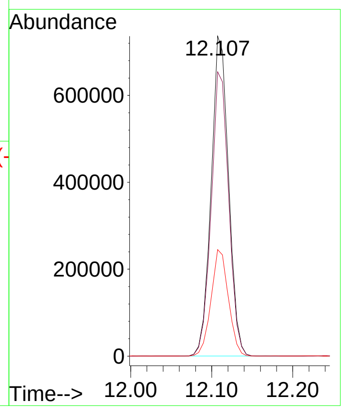
Tgt Ion:107 Resp:  464170
Ion  Ratio  Lower  Upper
107  100
144   26.6   21.3   31.9
142   82.7   65.2   97.8
```





#37
2-Methylnaphthalene
Concen: 20.213 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:142 Resp: 110014
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4
115 33.3 26.6 39.8



Instrument :
BNA_P
ClientSampleId :
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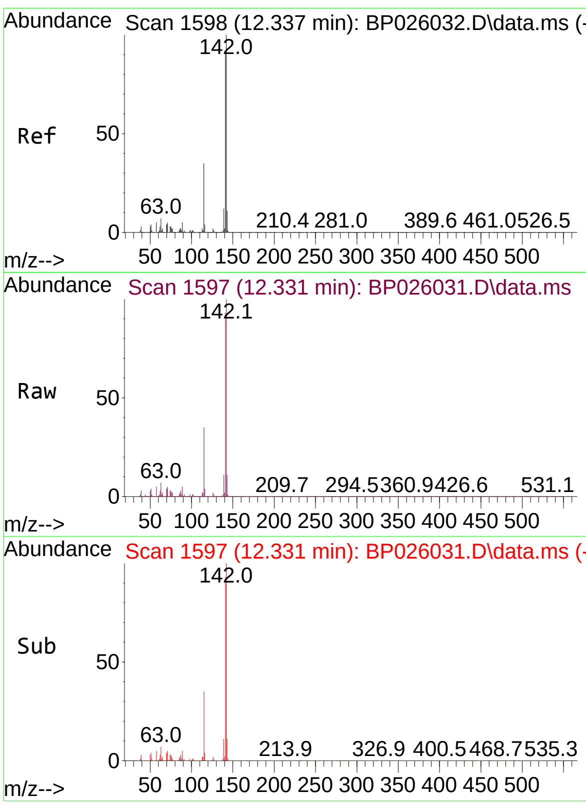
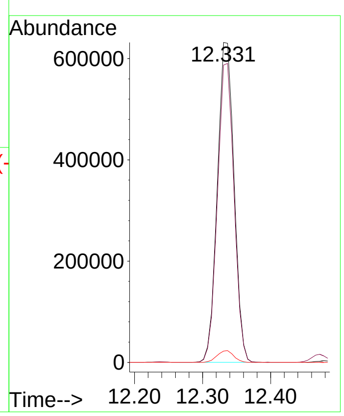
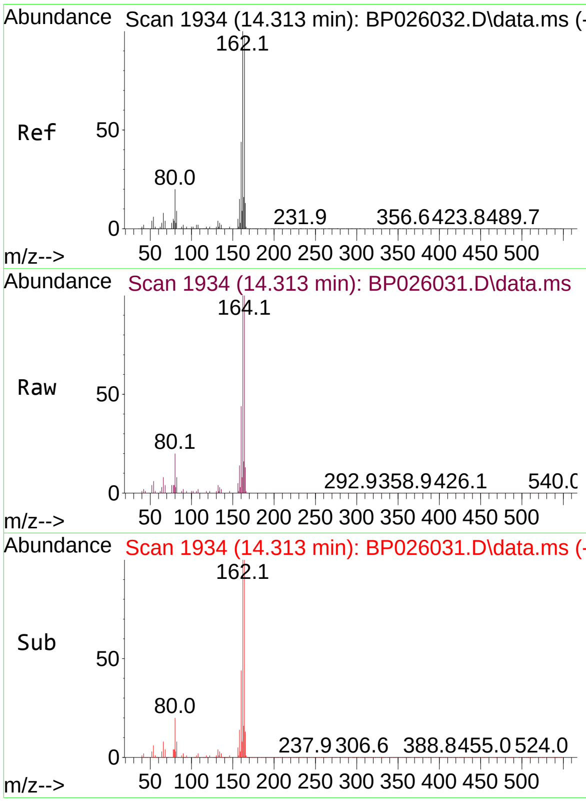


#38
1-Methylnaphthalene
Concen: 20.334 ng
RT: 12.331 min Scan# 1597
Delta R.T. -0.005 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:142 Resp: 1075202
Ion Ratio Lower Upper
142 100
141 92.9 72.7 109.1
116 3.5 2.9 4.3






```
#39
Acenaphthene-d10
Concen:   20.000 ng
RT:  14.313 min  Scan# 1
Delta R.T.   -0.006 min
Lab File:    BP026031.D
Acq: 29 Oct 2025   11:29

Tgt Ion:164 Resp:  88418
Ion  Ratio  Lower  Upper
164  100
162  100.4   81.5  122.3
160   44.3   36.2   54.4
```

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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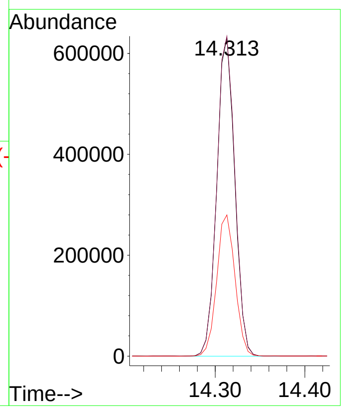
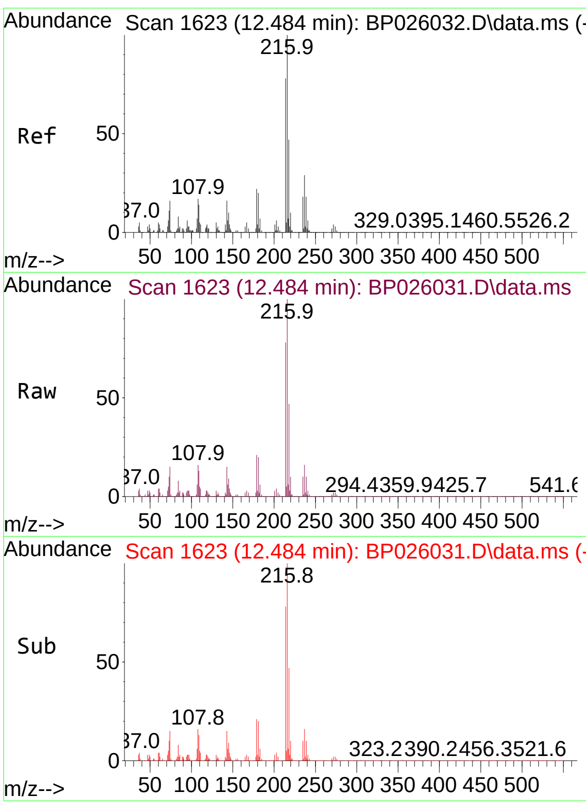
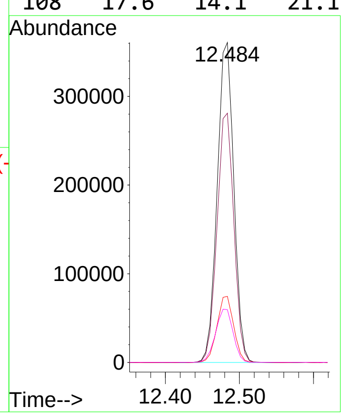





```
#40
1,2,4,5-Tetrachlorobenzene
Concen:   20.486 ng
RT:  12.484 min  Scan# 1623
Delta R.T.   -0.006 min
Lab File:    BP026031.D
Acq: 29 Oct 2025   11:29

Tgt Ion:216 Resp:   562803
Ion  Ratio  Lower  Upper
216  100
214   78.7   62.9   94.3
179   20.8   16.9   25.3
108   17.6   14.1   21.1
```



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Instrument :
BNA_P
ClientSampleId :
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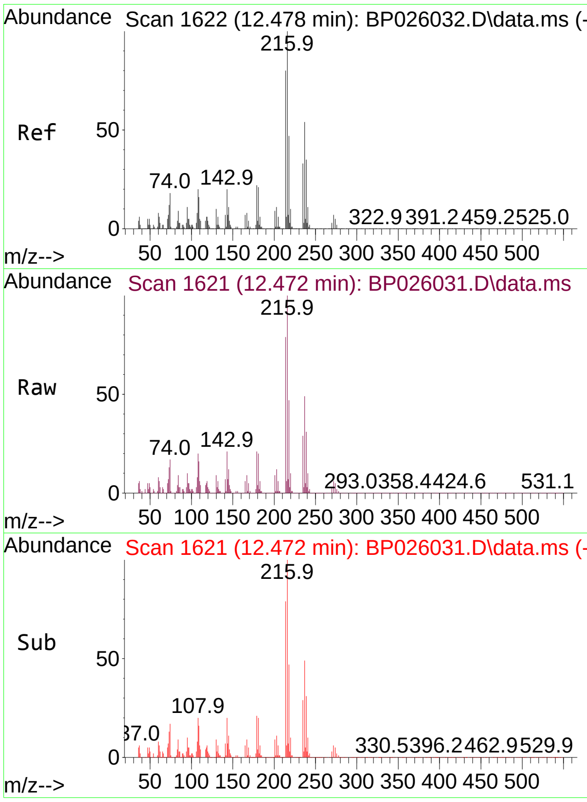
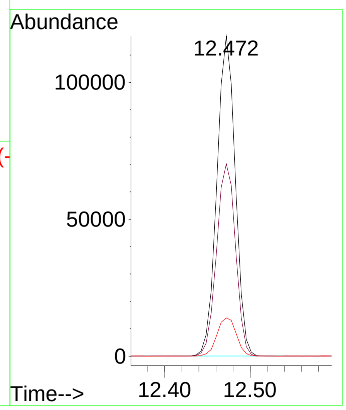
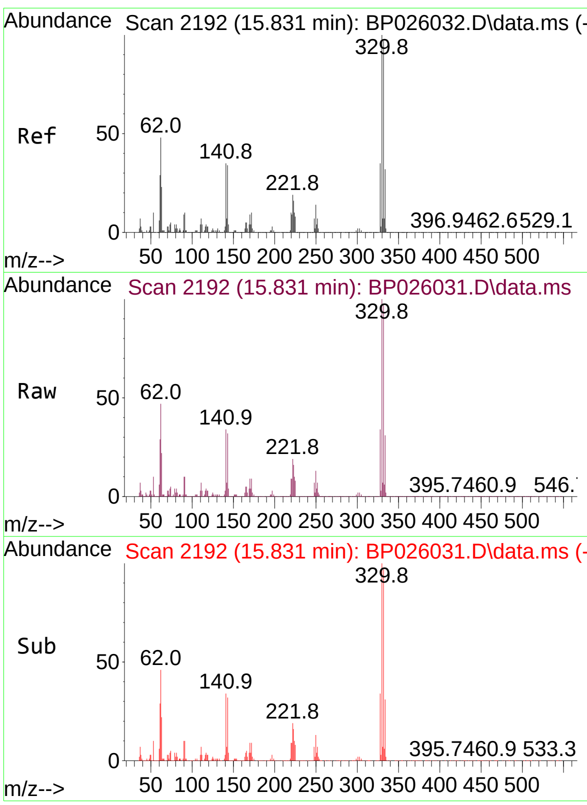


#41
Hexachlorocyclopentadiene
Concen: 17.444 ng
RT: 12.472 min Scan# 16
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

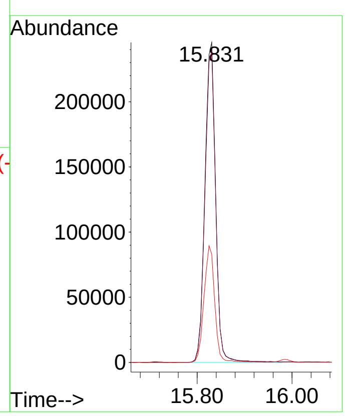
Tgt Ion:237	Resp:	175347	
Ion	Ratio	Lower	Upper
237	100		
235	60.1	40.4	80.4
272	11.9	0.0	32.2





#42
2,4,6-Tribromophenol
Concen: 40.359 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:330	Resp:	385788	
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	36.3	28.6	42.8



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Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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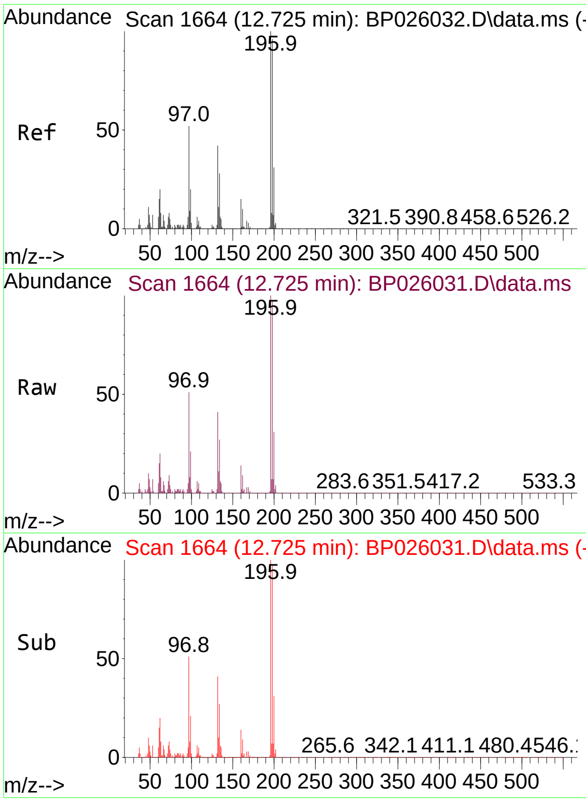
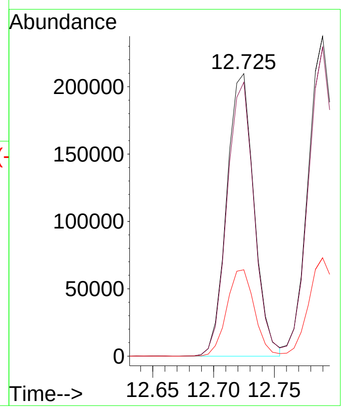
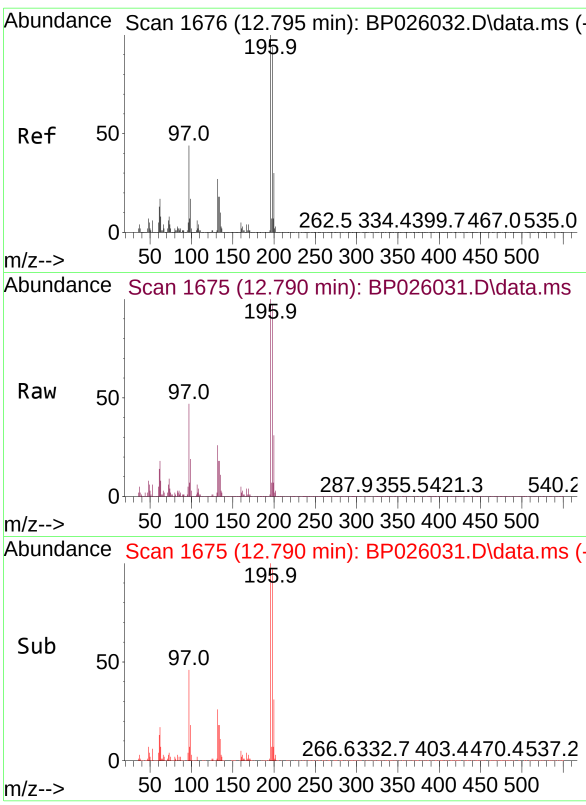


#43
2,4,6-Trichlorophenol
Concen: 20.258 ng
RT: 12.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:196 Resp: 32896

Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.5	114.7
200	30.6	24.4	36.6

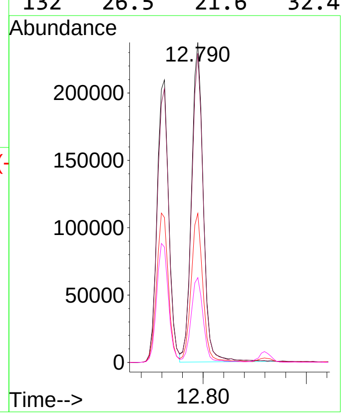




#44
2,4,5-Trichlorophenol
Concen: 20.260 ng
RT: 12.790 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:196 Resp: 375399

Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.1	112.7
97	46.6	35.5	53.3
132	26.5	21.6	32.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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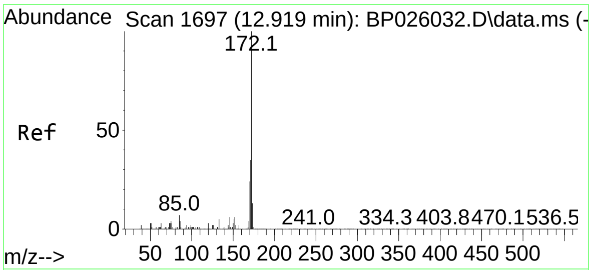
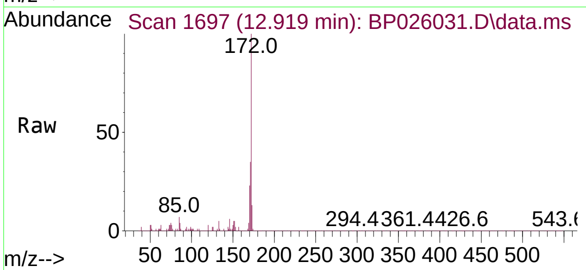
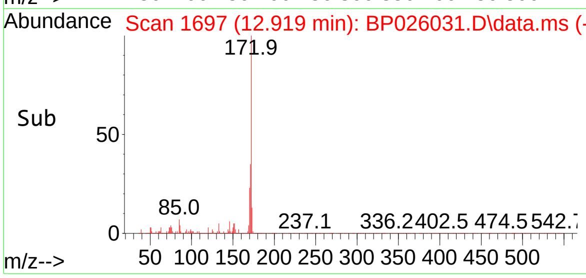


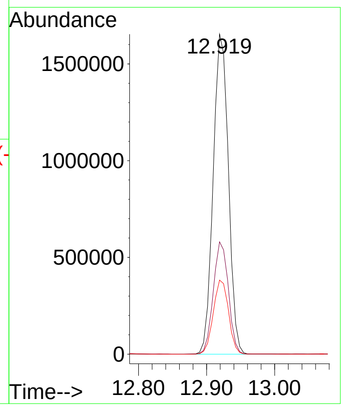


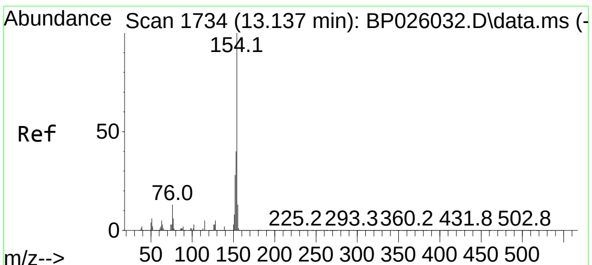


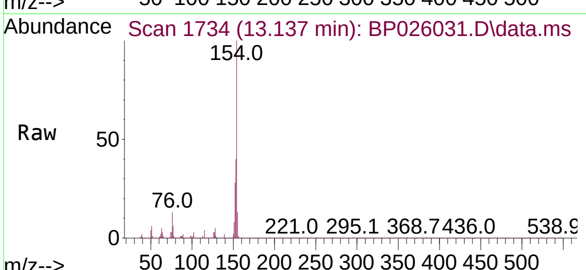
#45
2-Fluorobiphenyl
Concen: 41.774 ng
RT: 12.919 min Scan# 16
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

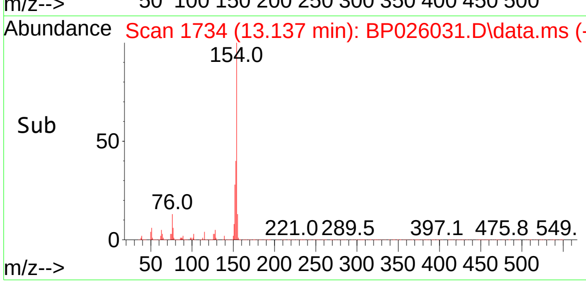
Tgt Ion:172 Resp: 257049

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.1	19.0	28.4





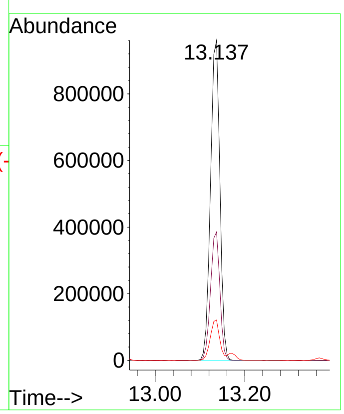


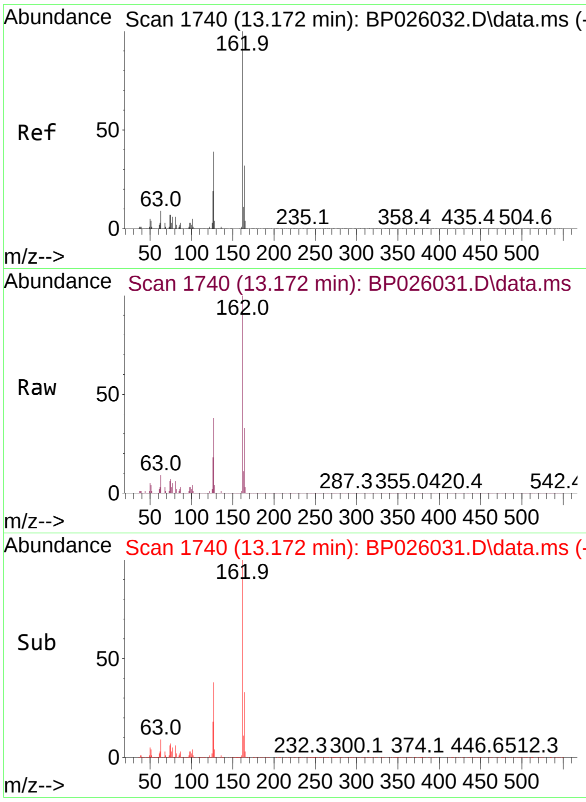


#46
1,1'-Biphenyl
Concen: 20.599 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:154 Resp: 1394592

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.2	60.2
76	12.6	0.0	32.8





#47
2-Chloronaphthalene
Concen: 20.709 ng
RT: 13.172 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:162 Resp: 1103115

Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.4	47.2
164	32.8	25.9	38.9

Instrument :
BNA_P
ClientSampleId :
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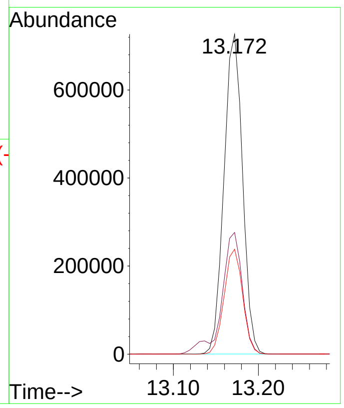
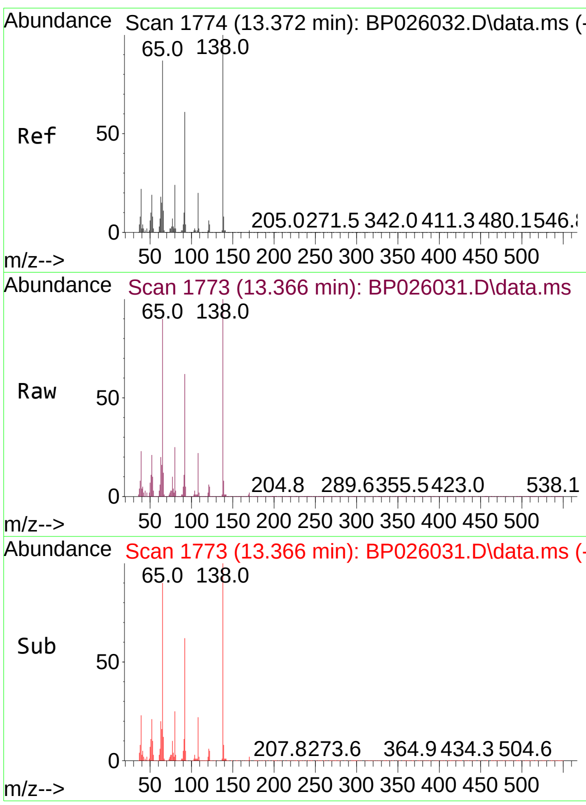
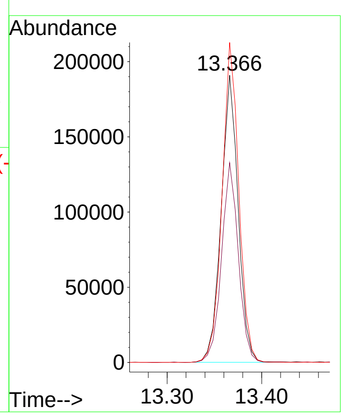




#48
2-Nitroaniline
Concen: 19.391 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 65 Resp: 237733

Ion	Ratio	Lower	Upper
65	100		
92	69.5	55.5	83.3
138	111.5	91.7	137.5



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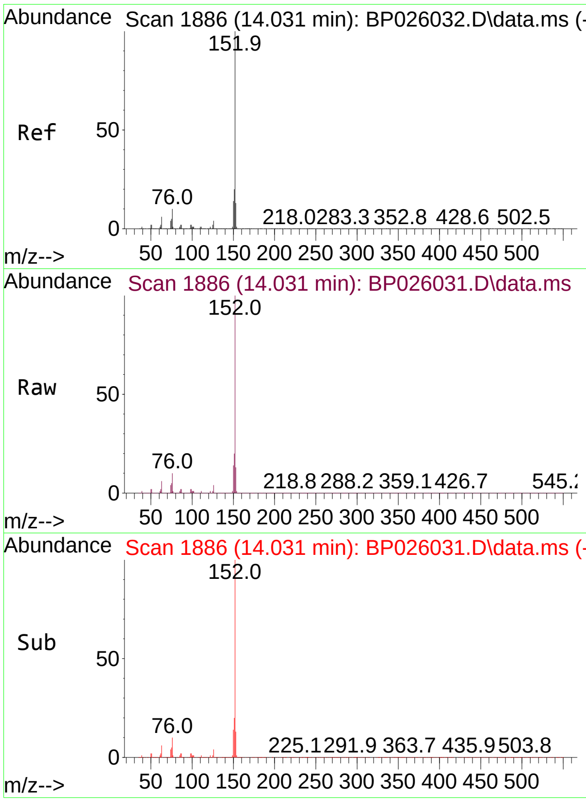


```
#49
Acenaphthylene
Concen:   20.863 ng
RT:  14.031 min  Scan# 18
Delta R.T.  -0.005 min
Lab File:   BP026031.D
Acq: 29 Oct 2025  11:29

Tgt Ion:152 Resp: 161977
Ion  Ratio  Lower  Upper
152  100
151   19.9   15.9   23.9
153   12.9   10.6   16.0
```

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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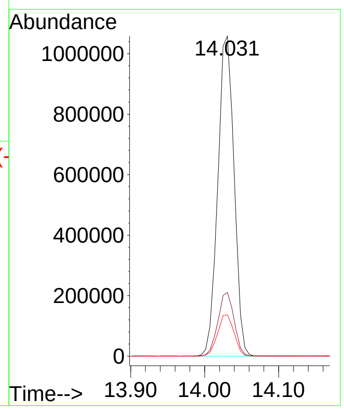
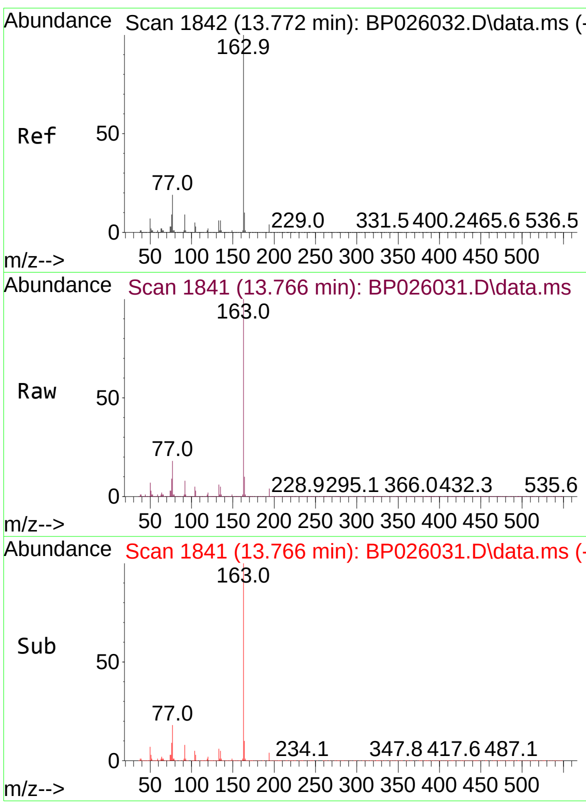
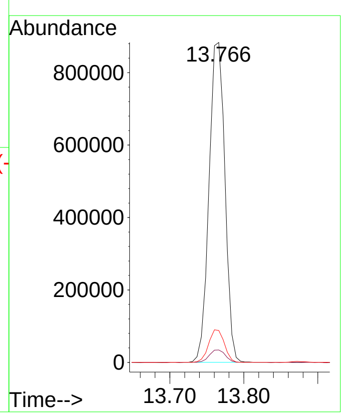





```
#50
Dimethylphthalate
Concen:   20.496 ng
RT:  13.766 min  Scan# 1841
Delta R.T.  -0.006 min
Lab File:   BP026031.D
Acq: 29 Oct 2025  11:29

Tgt Ion:163 Resp: 1318220
Ion  Ratio  Lower  Upper
163  100
194    3.9    3.2    4.8
164   10.0    8.2   12.2
```



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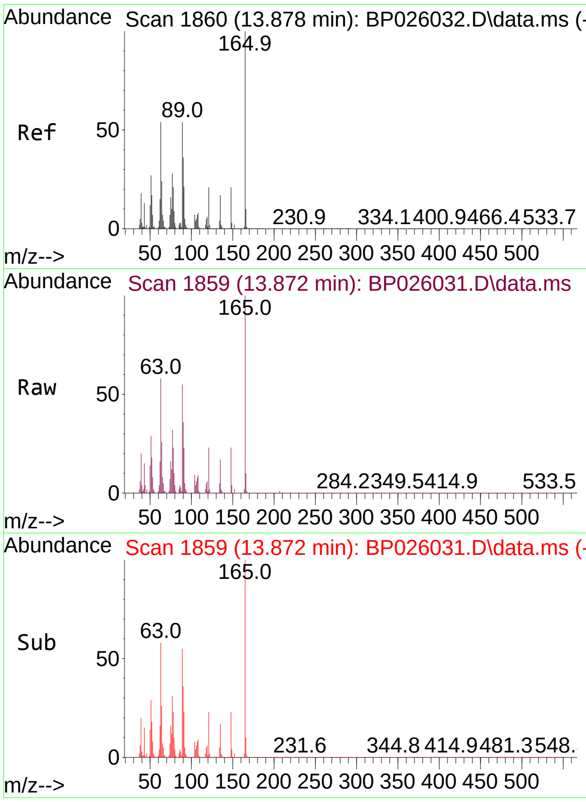

#51
2,6-Dinitrotoluene
Concen: 19.266 ng
RT: 13.872 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:165 Resp: 20649

Ion	Ratio	Lower	Upper
165	100		
63	58.1	43.0	64.4
89	55.3	43.0	64.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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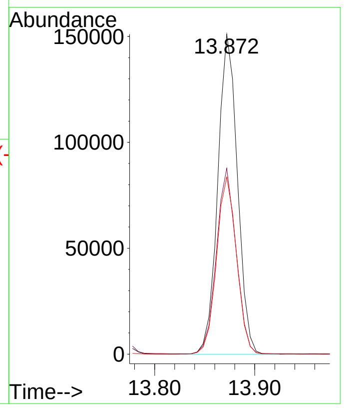
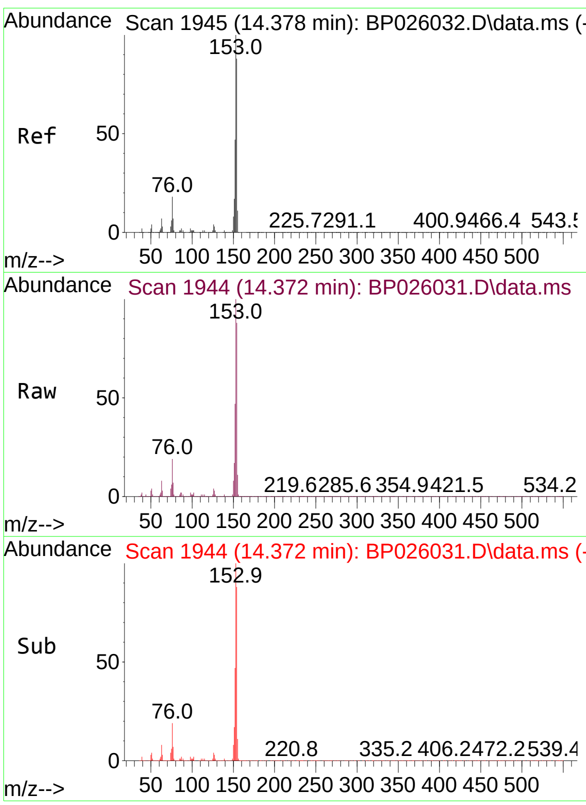
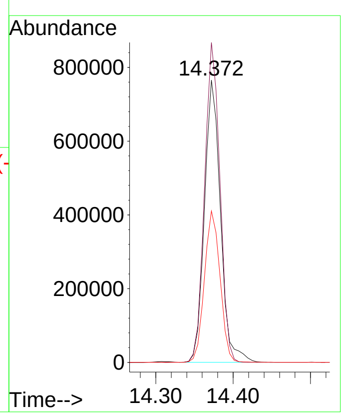


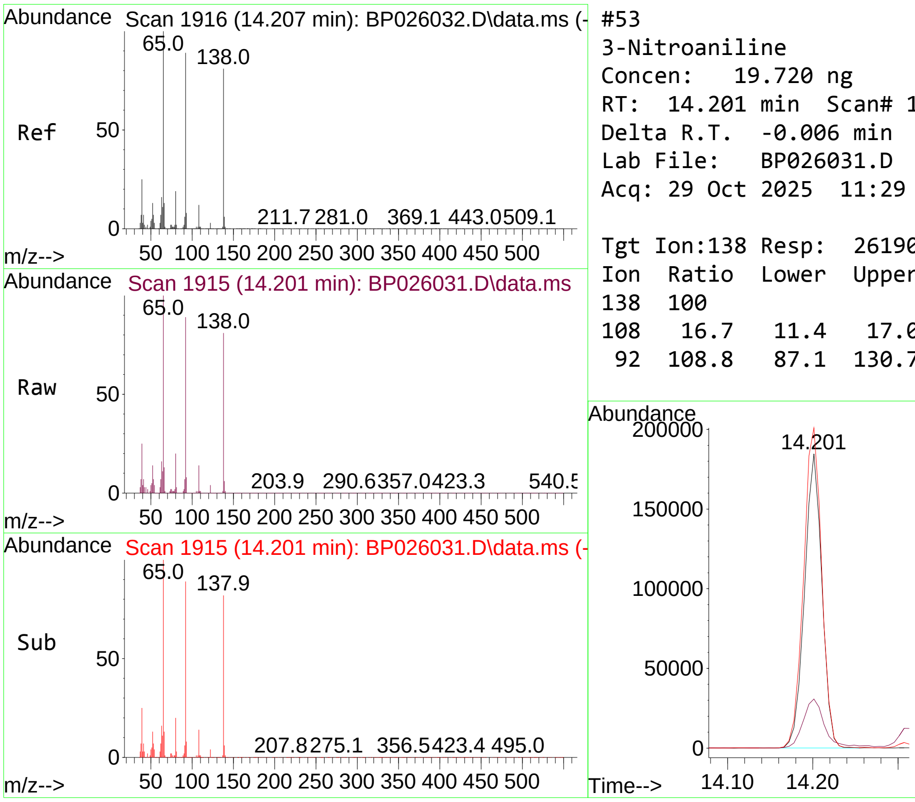


#52
Acenaphthene
Concen: 20.678 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:154 Resp: 1102148

Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.0	136.4
152	53.7	42.7	64.1





#53
3-Nitroaniline
Concen: 19.720 ng
RT: 14.201 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:138 Resp: 26190

Ion	Ratio	Lower	Upper
138	100		
108	16.7	11.4	17.0
92	108.8	87.1	130.7

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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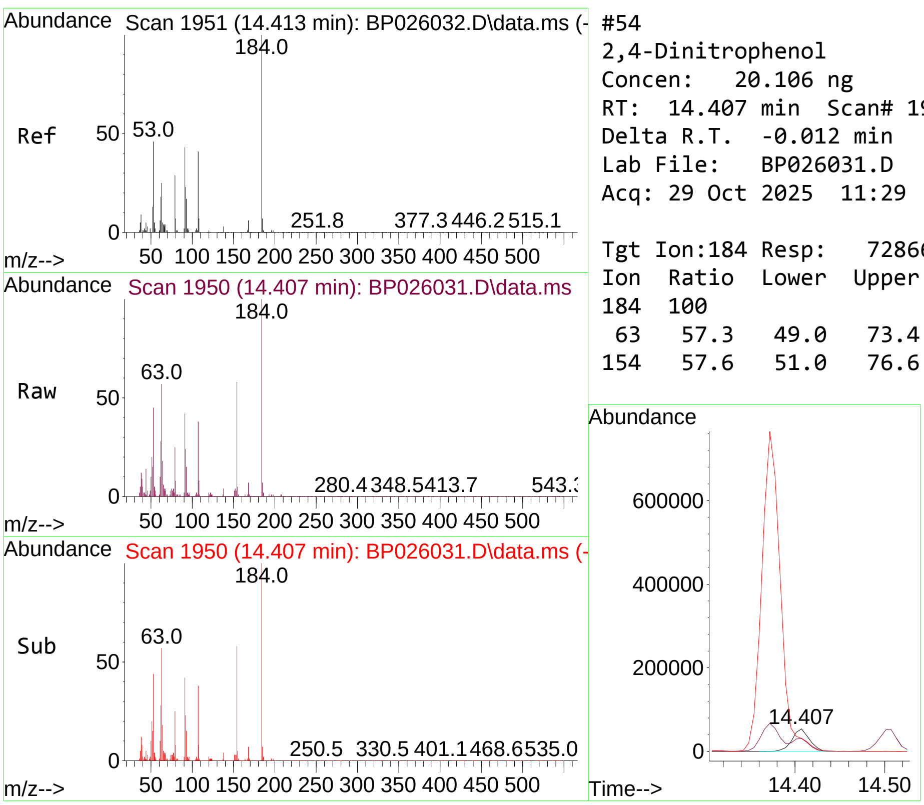

#54
2,4-Dinitrophenol
Concen: 20.106 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:184 Resp: 72866

Ion	Ratio	Lower	Upper
184	100		
63	57.3	49.0	73.4
154	57.6	51.0	76.6

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Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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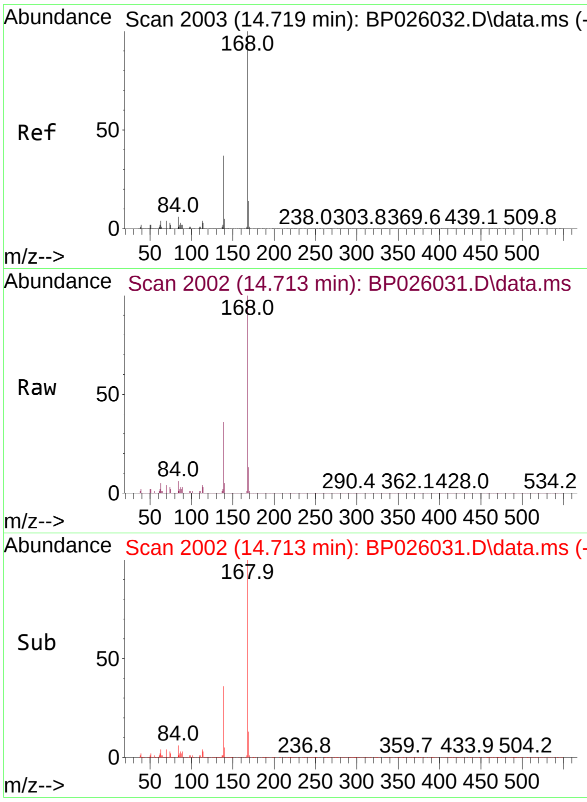
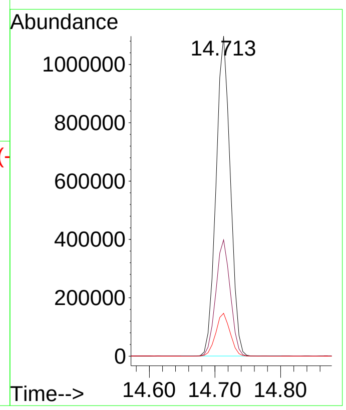
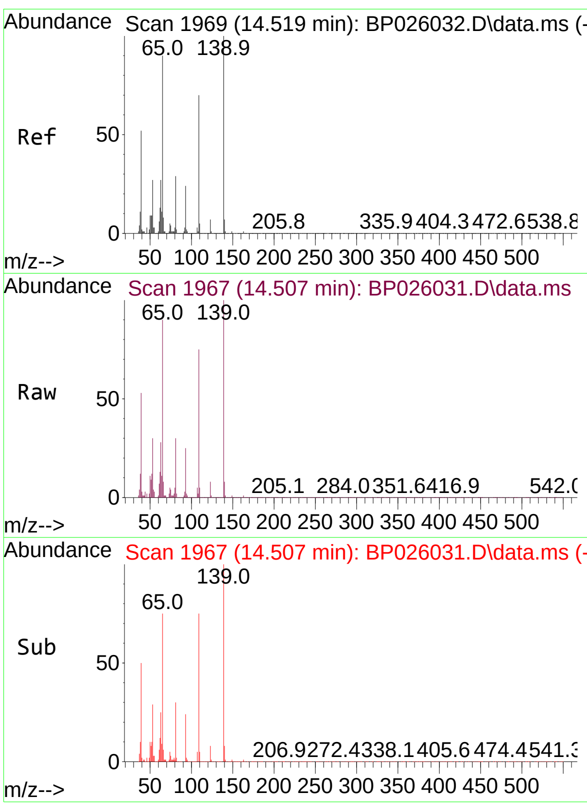


#55
Dibenzofuran
Concen: 20.703 ng
RT: 14.713 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:168 Resp: 166718(

Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.7	44.5
169	13.4	11.0	16.4

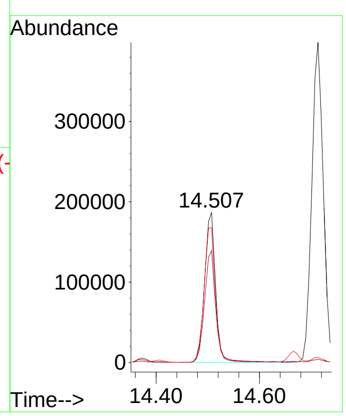




#56
4-Nitrophenol
Concen: 21.327 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:139 Resp: 273512

Ion	Ratio	Lower	Upper
139	100		
109	74.6	50.0	90.0
65	90.0	69.6	109.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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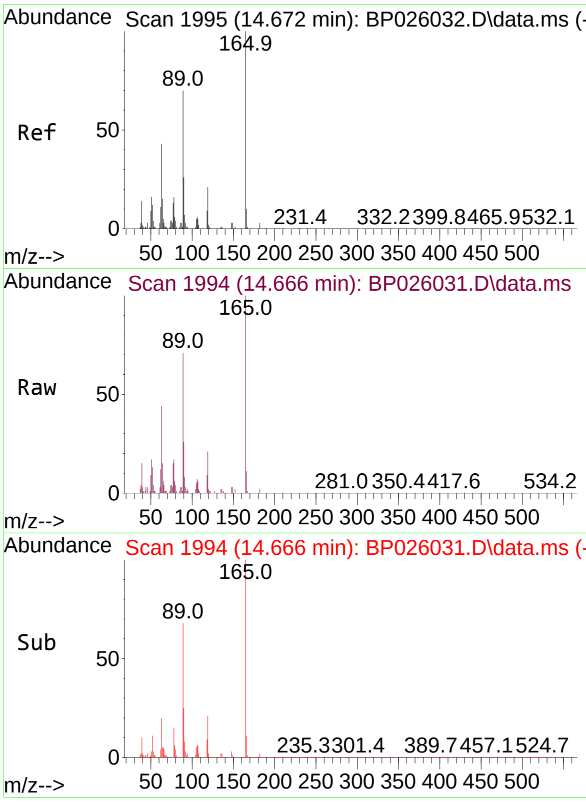
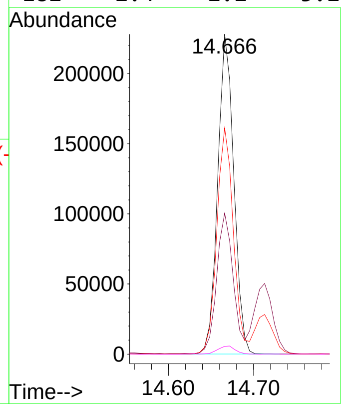
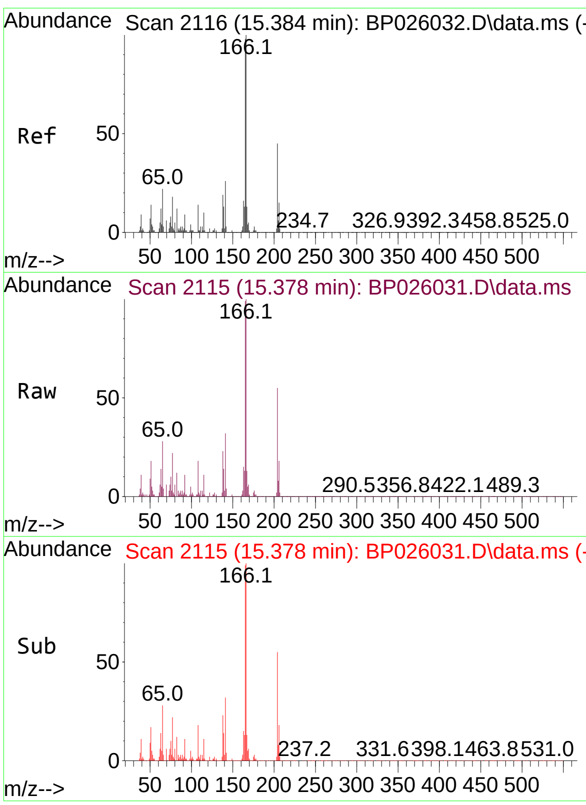


#57
2,4-Dinitrotoluene
Concen: 19.242 ng
RT: 14.666 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:165 Resp: 30069

Ion	Ratio	Lower	Upper
165	100		
63	44.0	34.2	51.2
89	70.7	56.0	84.0
182	2.4	2.2	3.2

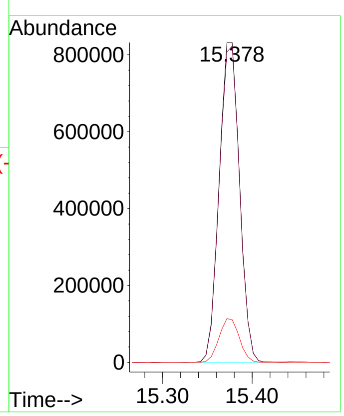




#58
Fluorene
Concen: 21.030 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:166 Resp: 1326773

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.1	117.1
167	13.3	10.6	16.0



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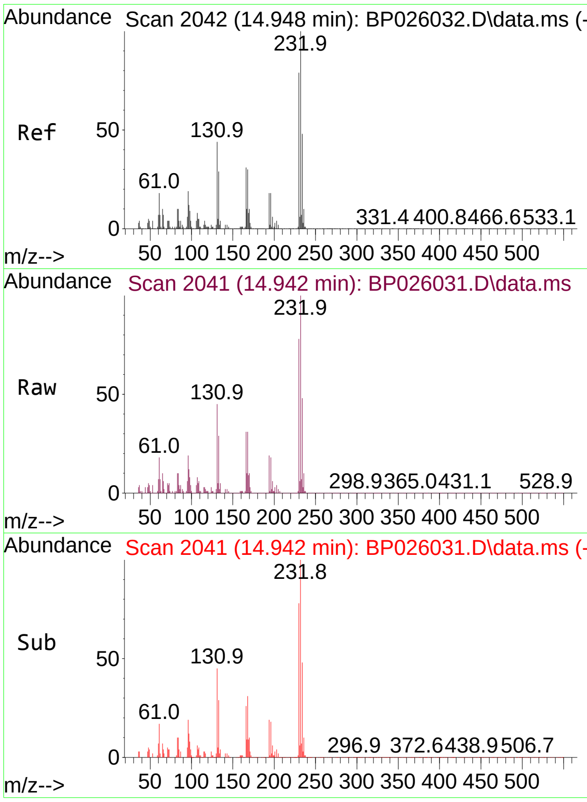
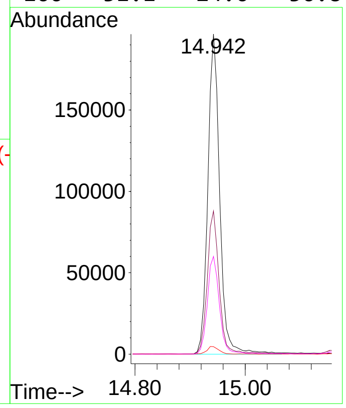


#59
2,3,4,6-Tetrachlorophenol
Concen: 20.145 ng
RT: 14.942 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:232 Resp: 29349

Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.2	52.8
130	2.4	1.7	2.5
166	31.1	24.6	36.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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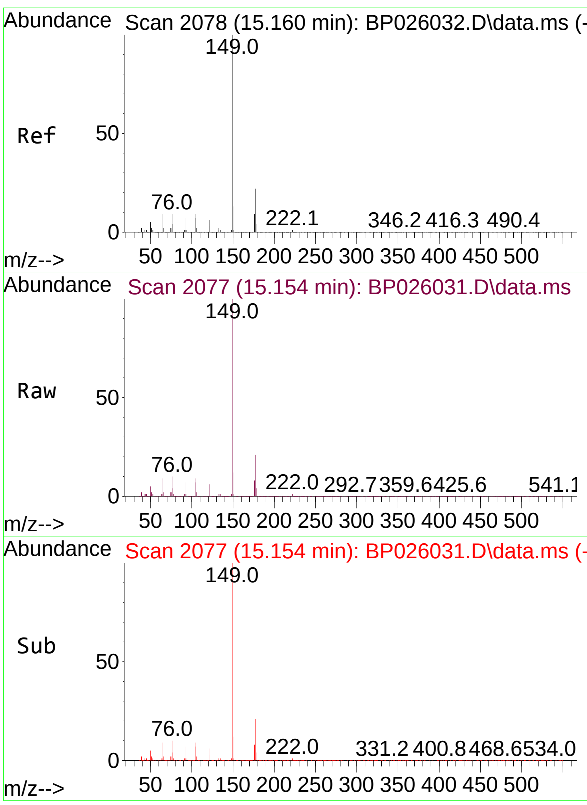
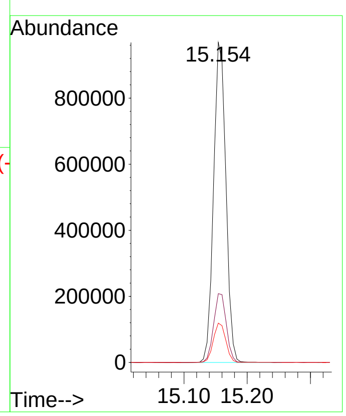


#60
Diethylphthalate
Concen: 20.288 ng
RT: 15.154 min Scan# 2077
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:149 Resp: 1311790

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.9	26.9
150	12.3	10.1	15.1



Instrument : BNA_P
ClientSampleId : SSTDICC020

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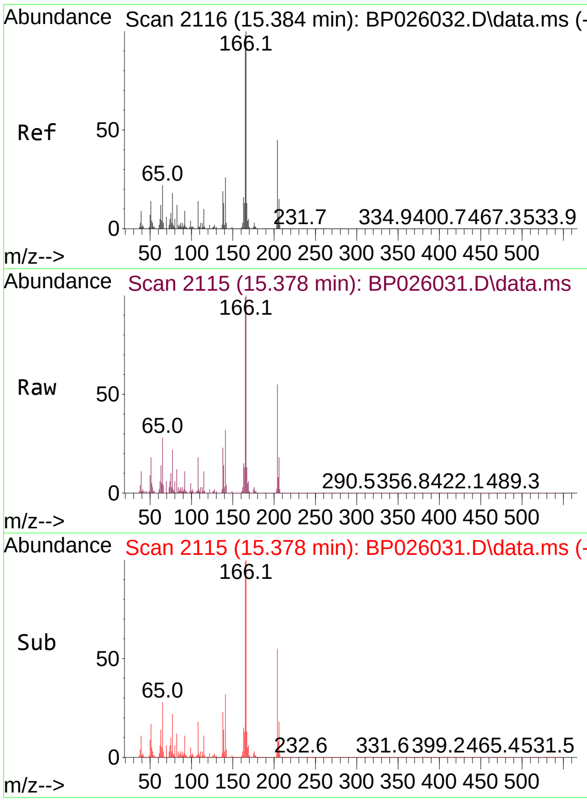
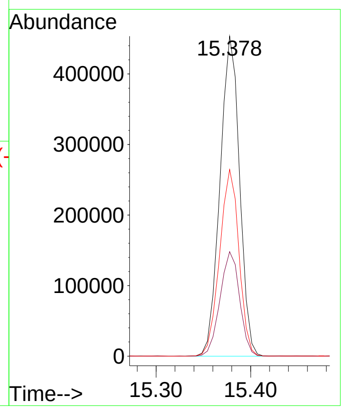
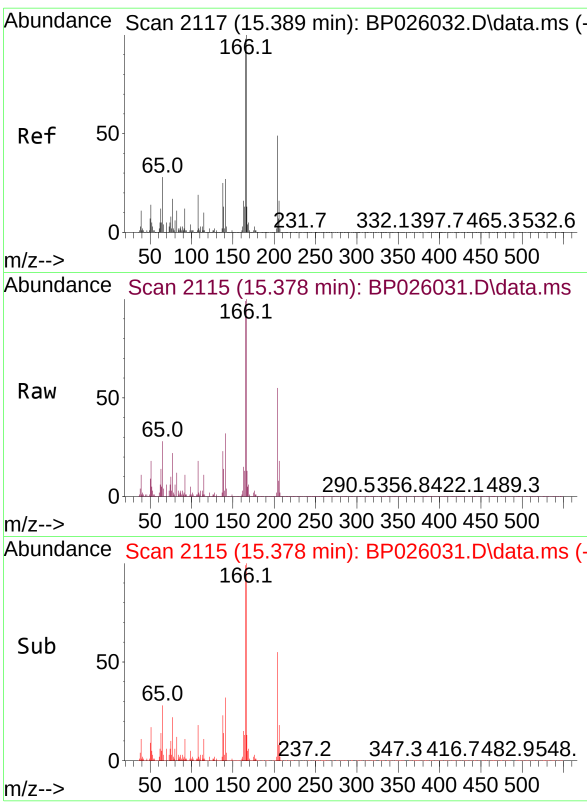


#61
4-Chlorophenyl-phenylether
Concen: 20.656 ng
RT: 15.378 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:204 Resp: 65077

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	58.3	47.0	70.4

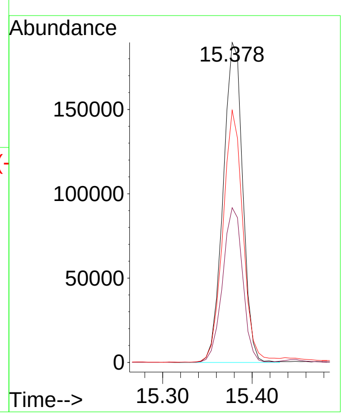




#62
4-Nitroaniline
Concen: 21.112 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.023 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:138 Resp: 290147

Ion	Ratio	Lower	Upper
138	100		
92	48.3	28.2	68.2
108	78.8	56.0	96.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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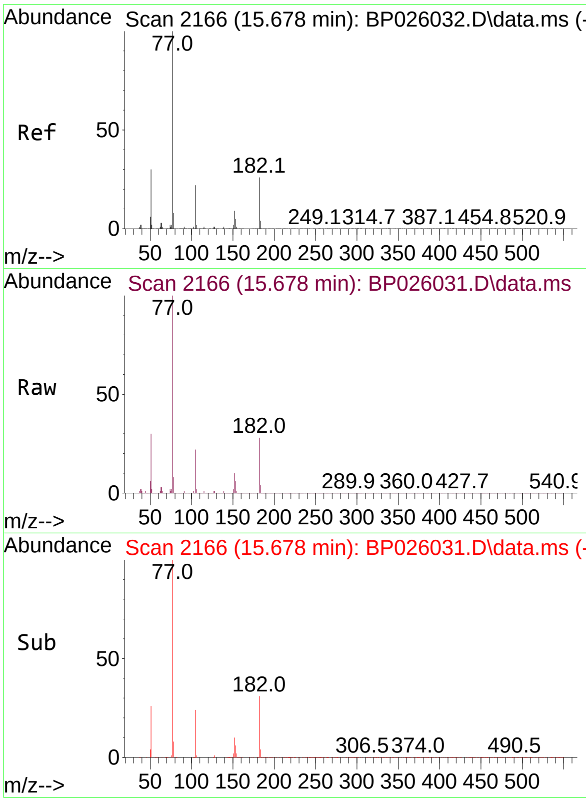
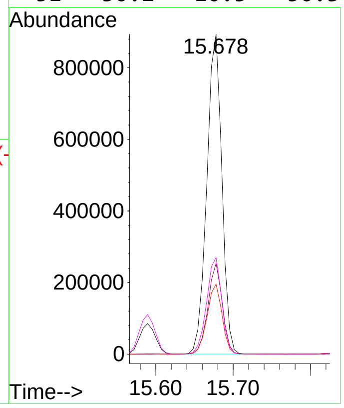
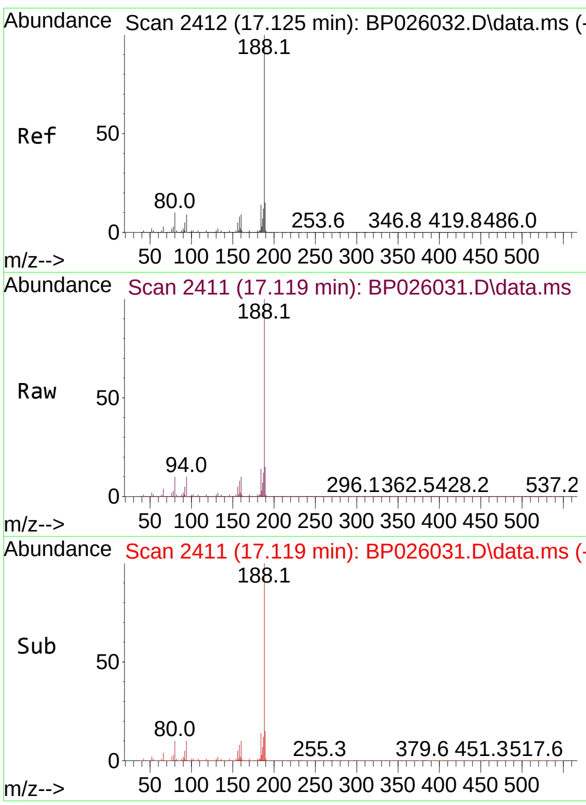


#63
Azobenzene
Concen: 20.597 ng
RT: 15.678 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 77 Resp: 120697

Ion	Ratio	Lower	Upper
77	100		
182	28.4	6.4	46.4
105	21.9	2.2	42.2
51	30.2	10.3	50.3

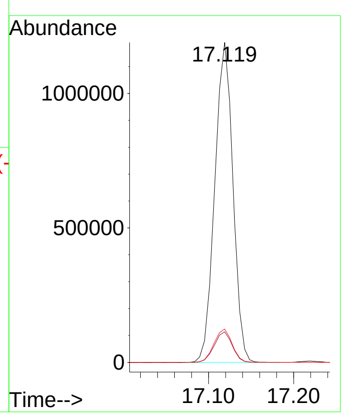




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:188 Resp: 1764983

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.1	10.7
80	10.4	7.9	11.9



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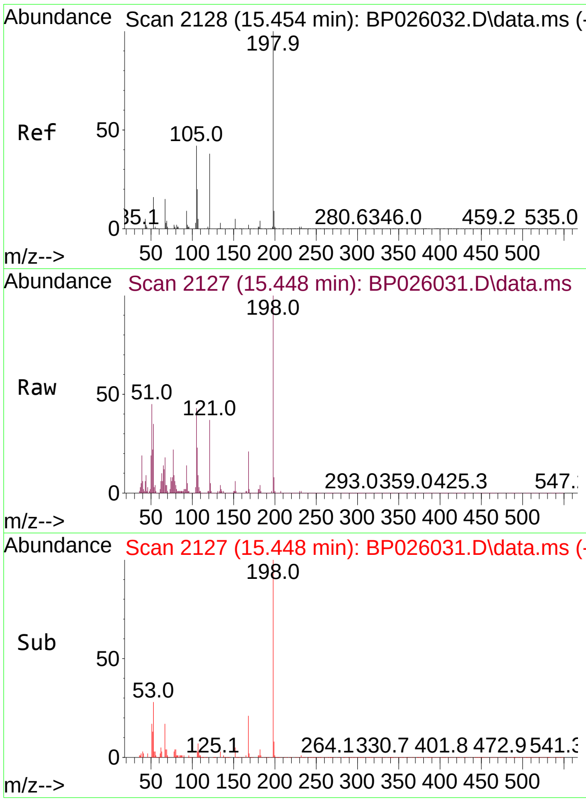

#65
4,6-Dinitro-2-methylphenol
Concen: 20.196 ng
RT: 15.448 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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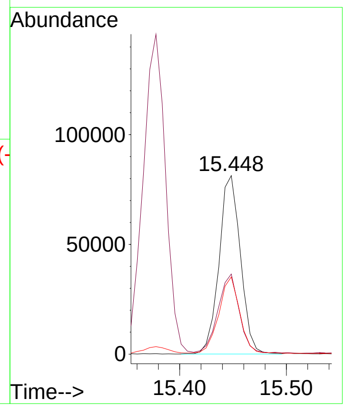
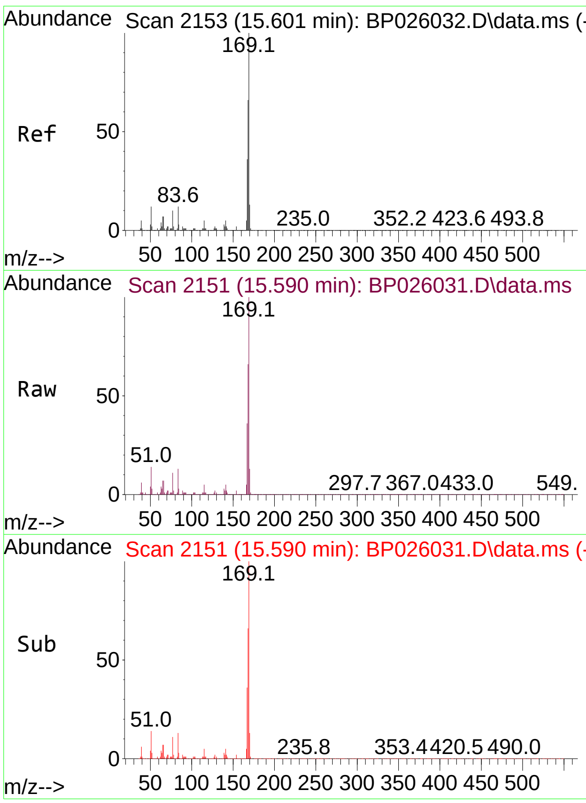
Tgt Ion:198 Resp: 11388

Ion	Ratio	Lower	Upper
198	100		
51	44.8	25.2	65.2
105	43.2	23.7	63.7

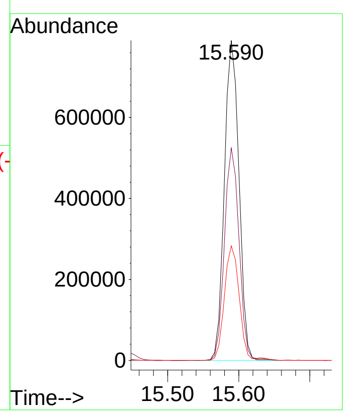


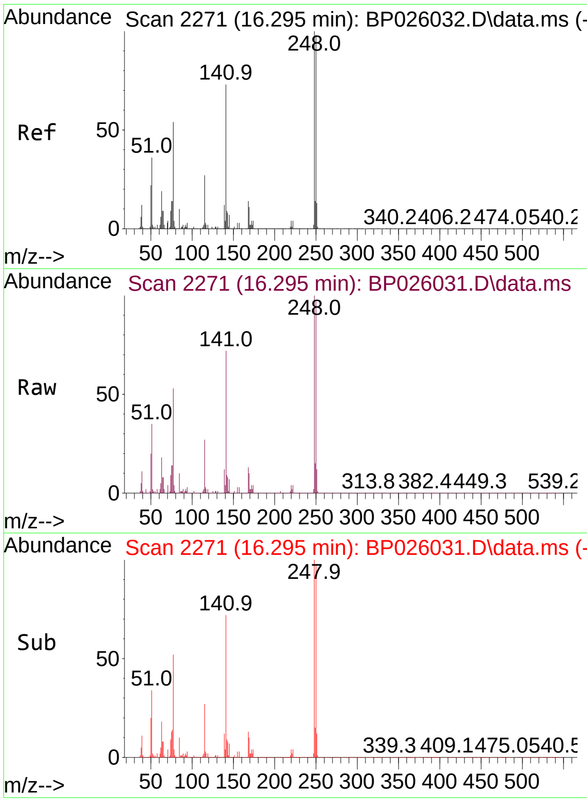


#66
n-Nitrosodiphenylamine
Concen: 20.503 ng
RT: 15.590 min Scan# 2151
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:169 Resp: 1131476

Ion	Ratio	Lower	Upper
169	100		
168	66.3	52.9	79.3
167	35.8	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 19.995 ng
RT: 16.295 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 39145

Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.4	117.6
141	71.8	58.3	87.5

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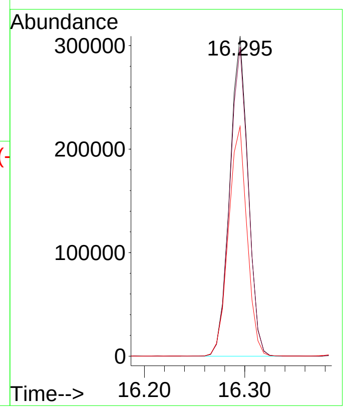
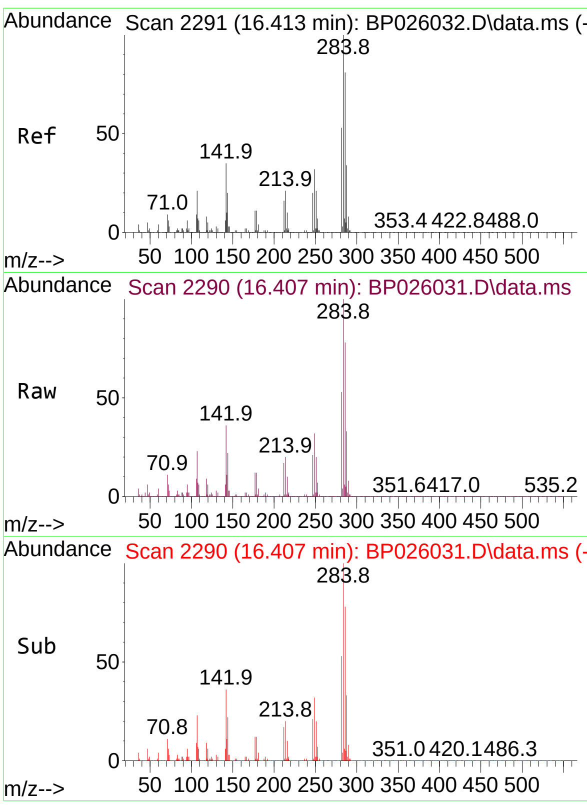
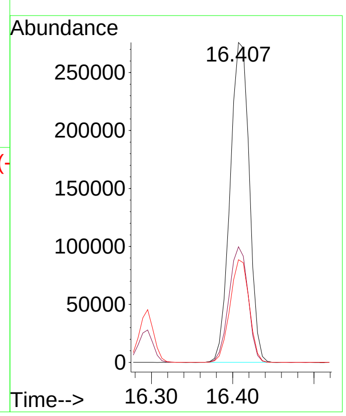




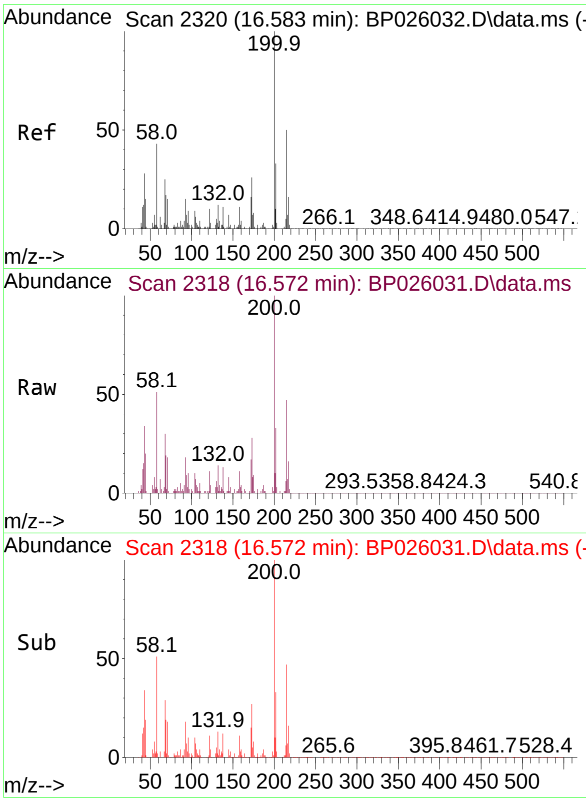
#68
Hexachlorobenzene
Concen: 20.312 ng
RT: 16.407 min Scan# 2290
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:284 Resp: 452701

Ion	Ratio	Lower	Upper
284	100		
142	36.1	27.7	41.5
249	32.1	25.5	38.3



ICAL Form



#69
Atrazine
Concen: 20.916 ng
RT: 16.572 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:200 Resp: 38938

Ion	Ratio	Lower	Upper
200	100		
173	27.8	6.2	46.2
215	46.8	29.8	69.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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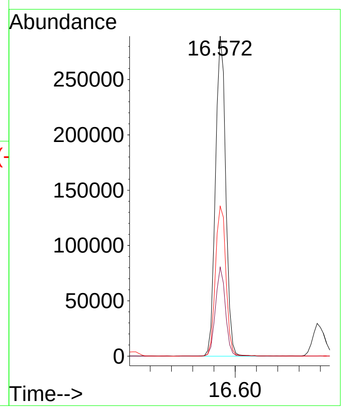
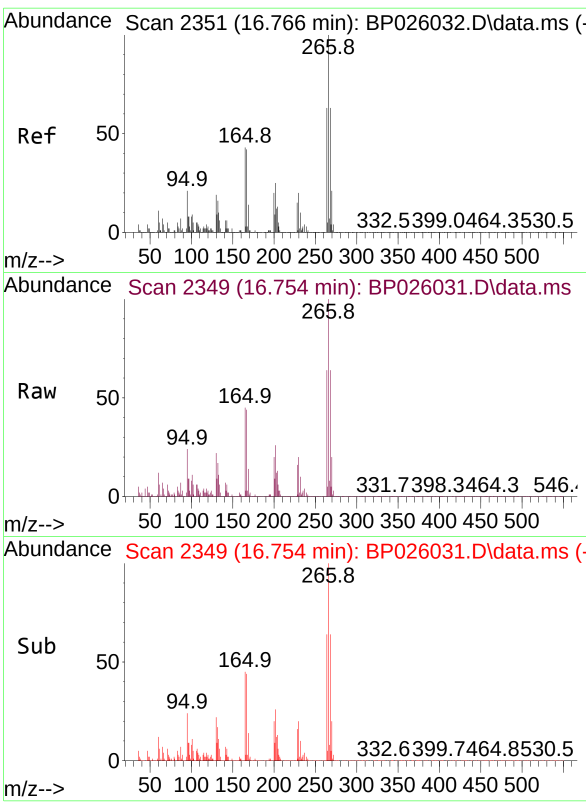
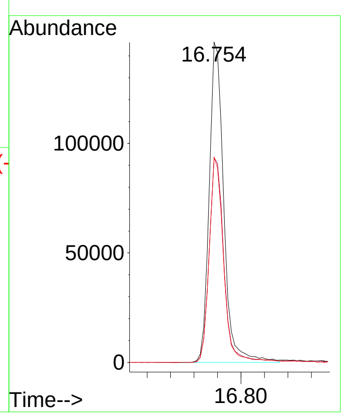




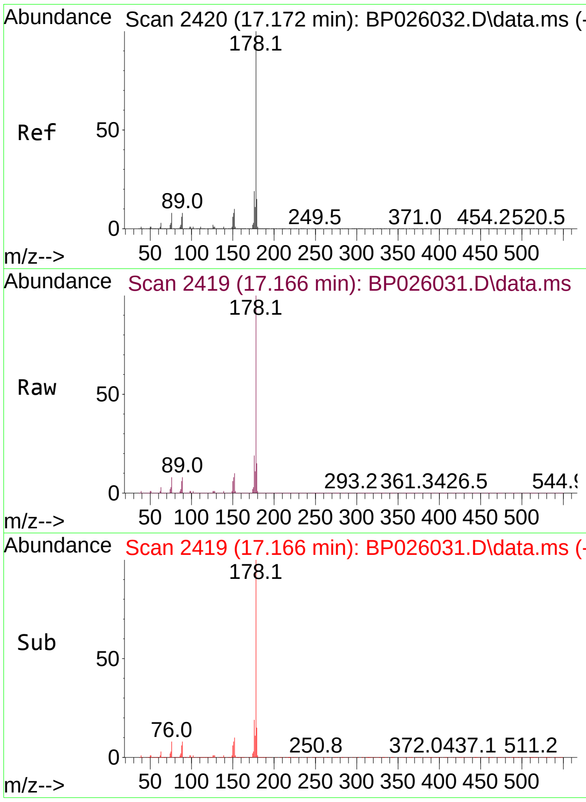
#70
Pentachlorophenol
Concen: 18.548 ng
RT: 16.754 min Scan# 2349
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:266 Resp: 252504

Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.6	76.0
264	64.0	50.2	75.4



ICAL Form



#71
Phenanthrene
Concen: 20.777 ng
RT: 17.166 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:178 Resp: 213441

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.4	12.3	18.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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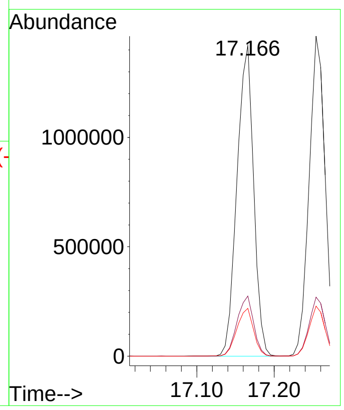
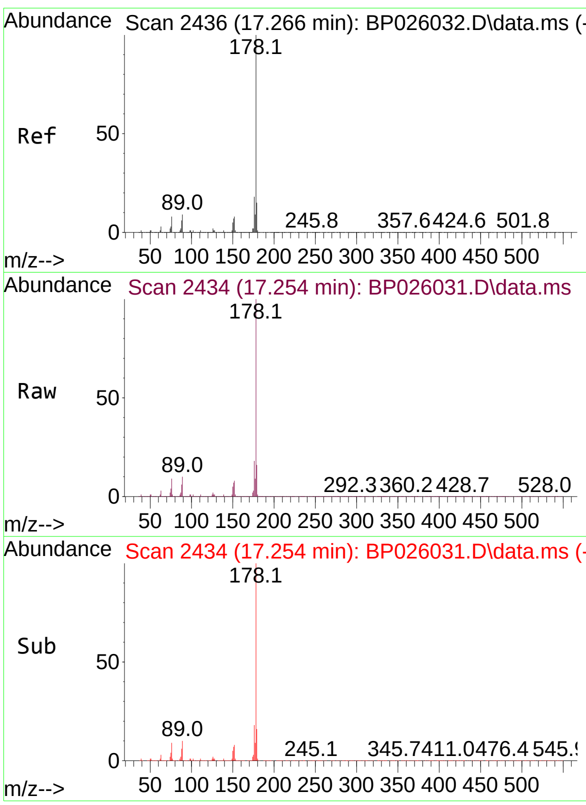
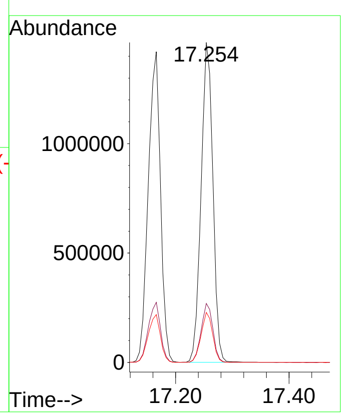




#72
Anthracene
Concen: 20.719 ng
RT: 17.254 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:178 Resp: 2109900

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.6	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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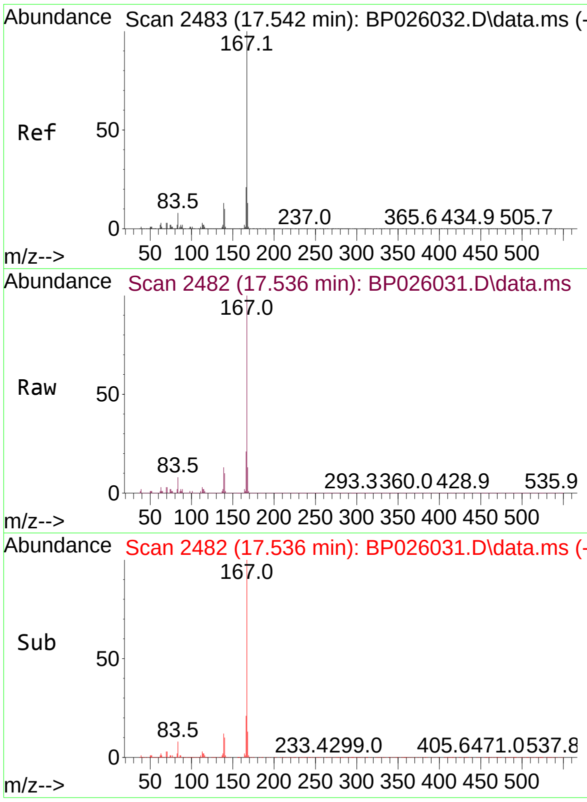
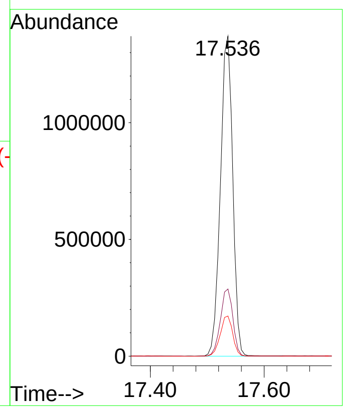
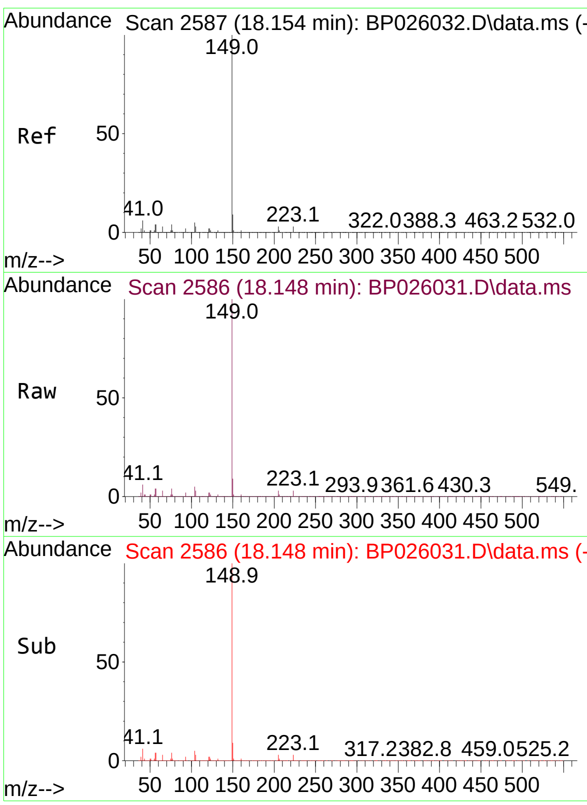


#73
Carbazole
Concen: 21.318 ng
RT: 17.536 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:167 Resp: 2054988

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	12.5	10.2	15.2

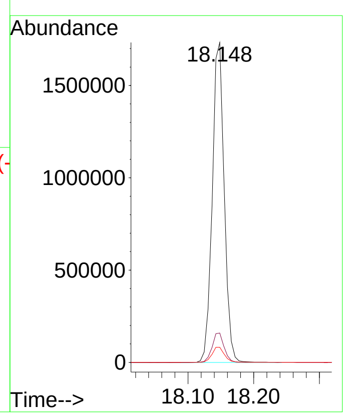




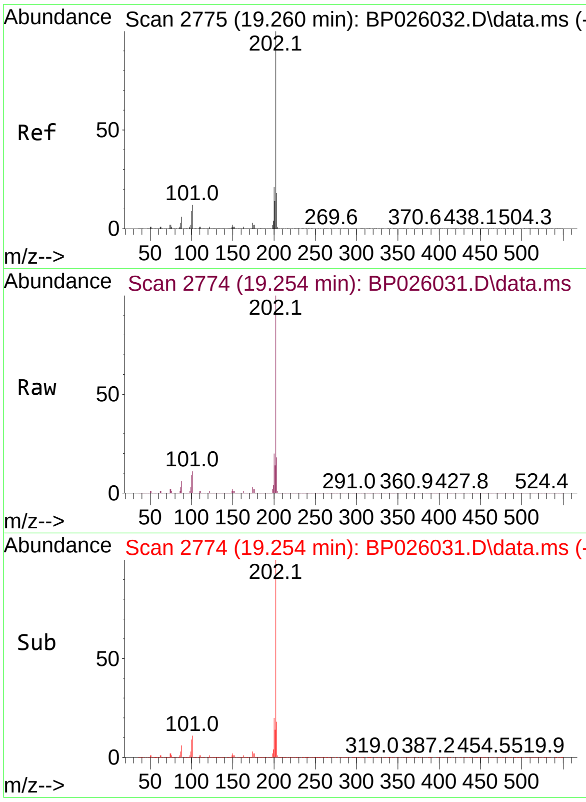
#74
Di-n-butylphthalate
Concen: 20.303 ng
RT: 18.148 min Scan# 2586
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:149 Resp: 2189917

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.7	3.8	5.6



ICAL Form



#75
Fluoranthene
Concen: 21.002 ng
RT: 19.254 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 251680

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.1
203	17.7	0.0	37.6

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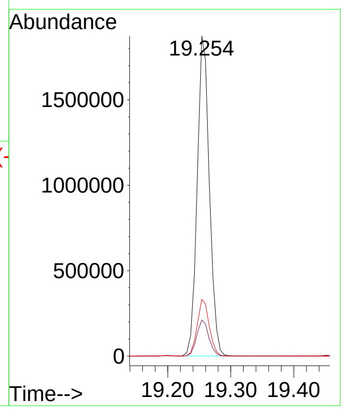
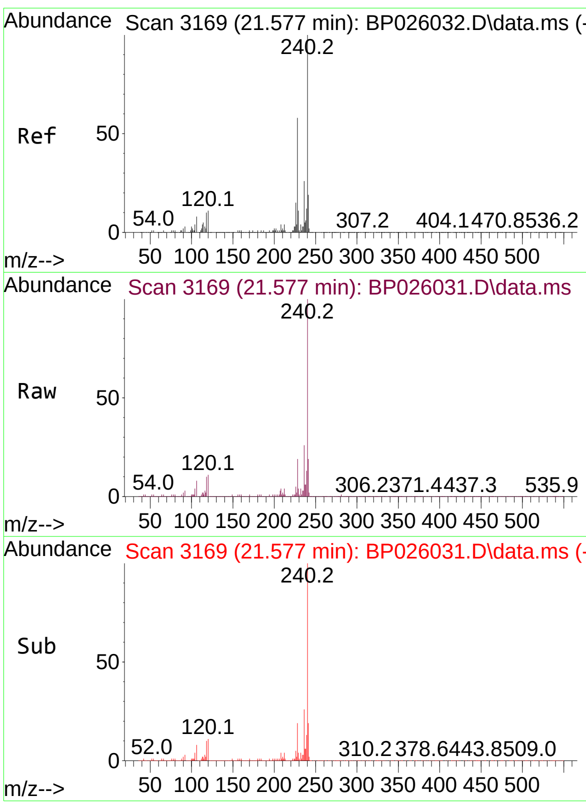
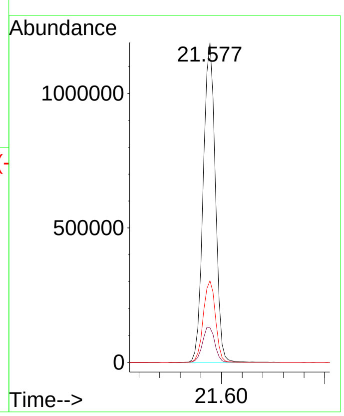




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:240 Resp: 1935916

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	25.5	20.6	31.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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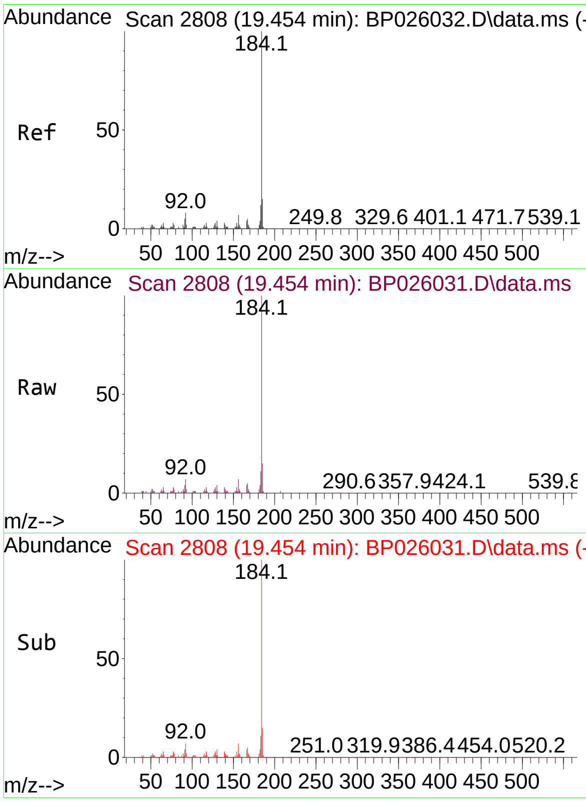
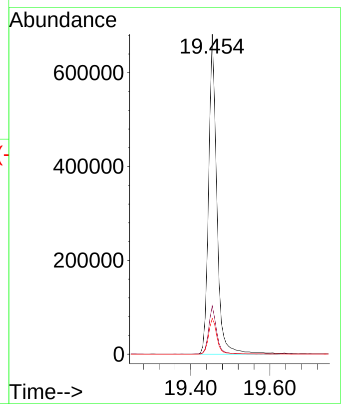
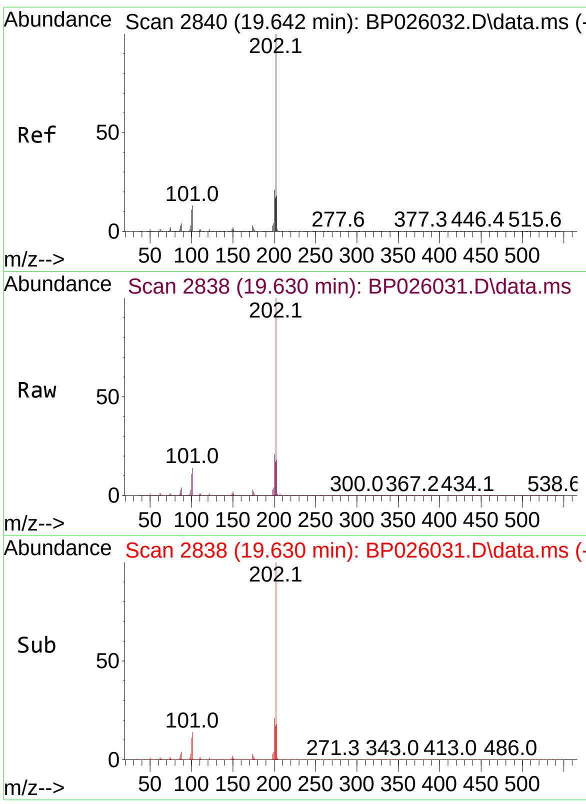


#77
Benzidine
Concen: 20.030 ng
RT: 19.454 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:184 Resp: 98423

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.9	17.9
183	11.2	9.2	13.8

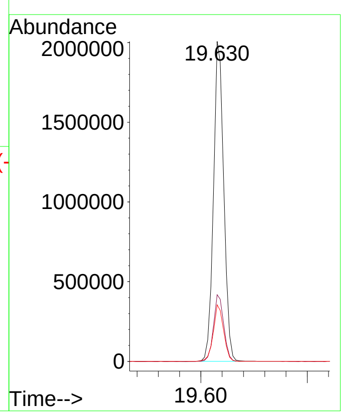




#78
Pyrene
Concen: 20.628 ng
RT: 19.630 min Scan# 2838
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:202 Resp: 2700976

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.7	14.0	21.0



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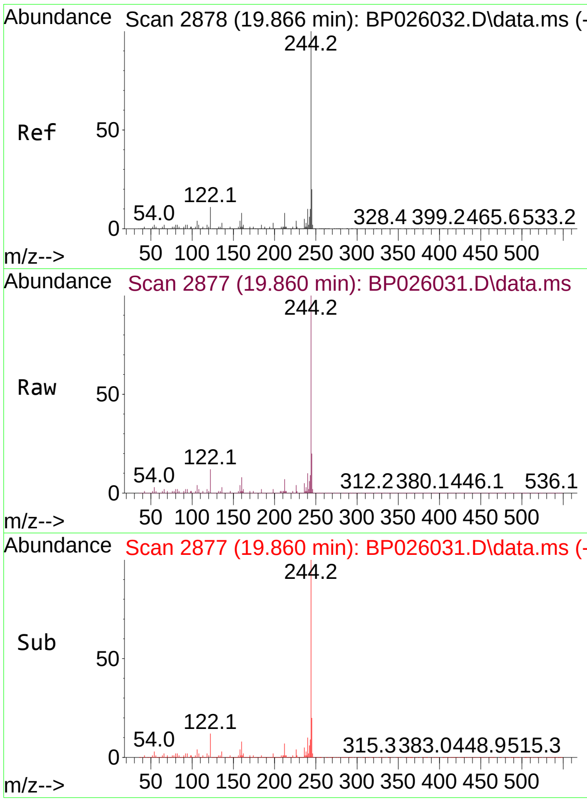


```
#79
Terphenyl-d14
Concen:   41.147 ng
RT:  19.860 min  Scan# 28
Delta R.T.  -0.006 min
Lab File:   BP026031.D
Acq: 29 Oct 2025  11:29

Tgt Ion:244 Resp: 3920732
Ion  Ratio  Lower  Upper
244  100
212    7.1    6.0    9.0
122   11.6    9.0   13.6
```

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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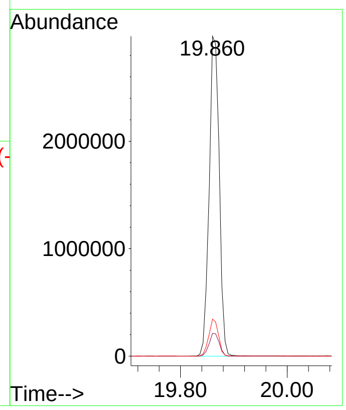
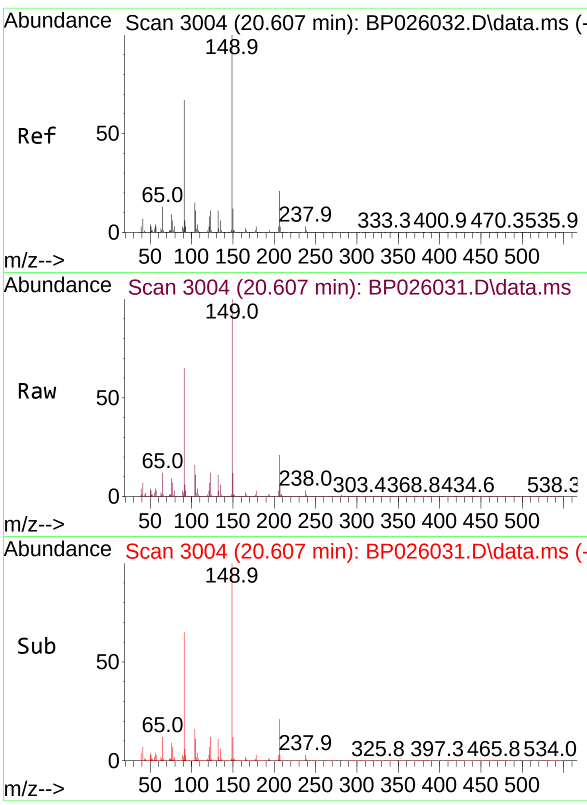
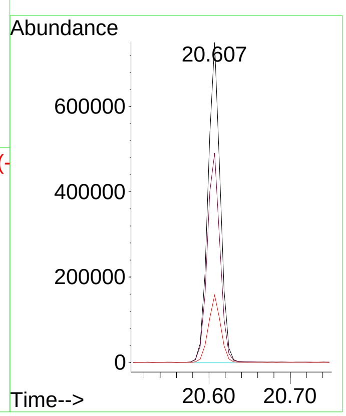
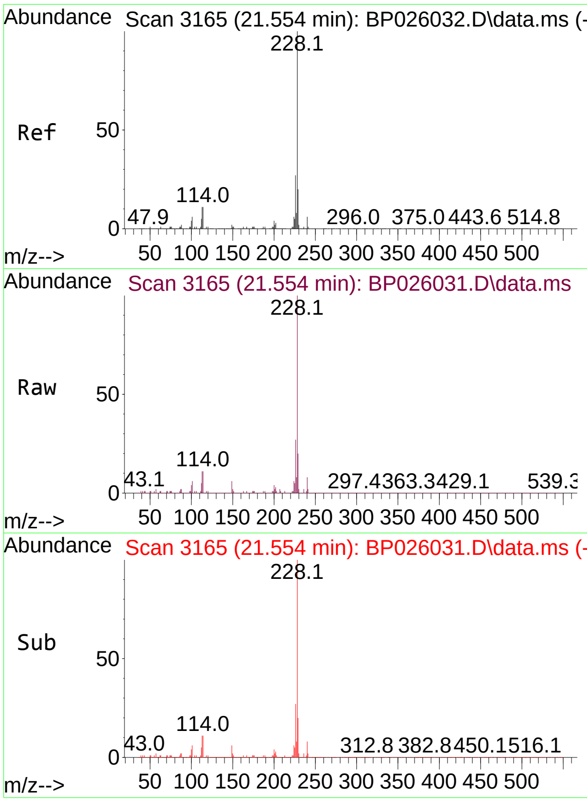





```
#80
Butylbenzylphthalate
Concen:   18.358 ng
RT:  20.607 min  Scan# 3004
Delta R.T.  -0.000 min
Lab File:   BP026031.D
Acq: 29 Oct 2025  11:29

Tgt Ion:149 Resp:  787044
Ion  Ratio  Lower  Upper
149  100
 91   65.4   53.5   80.3
206   21.0   16.6   25.0
```





#81
Benzo(a)anthracene
Concen: 20.474 ng
RT: 21.554 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:228 Resp: 272371

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	20.1	15.8	23.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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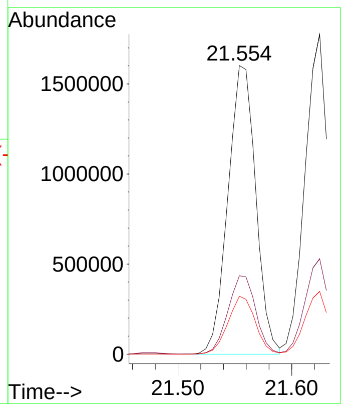
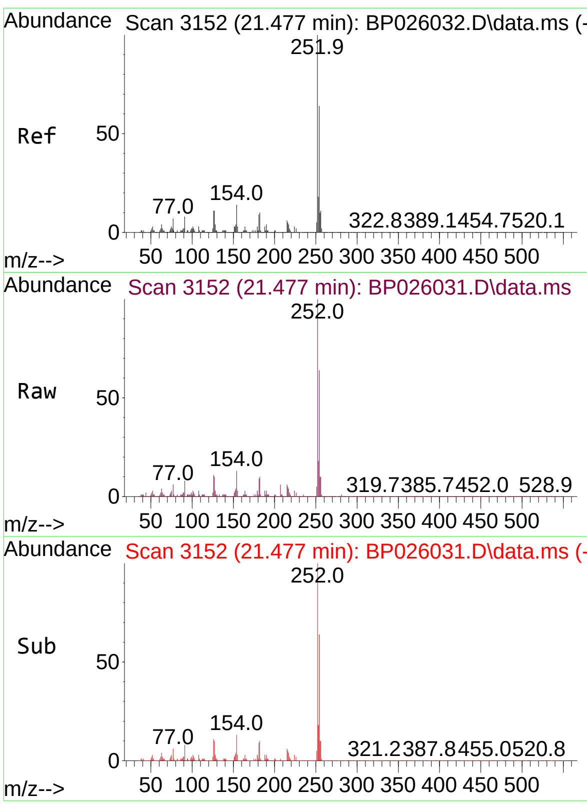
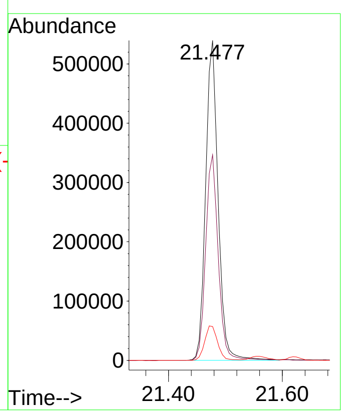


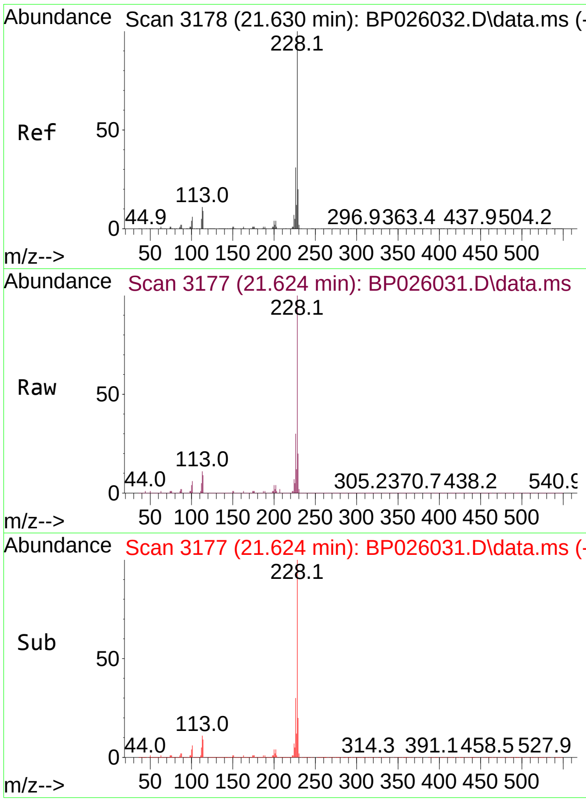


#82
3,3'-Dichlorobenzidine
Concen: 19.160 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:252 Resp: 821245

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.3	76.9
126	10.6	9.1	13.7





#83
Chrysene
Concen: 20.715 ng
RT: 21.624 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 261044

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	19.6	16.0	24.0

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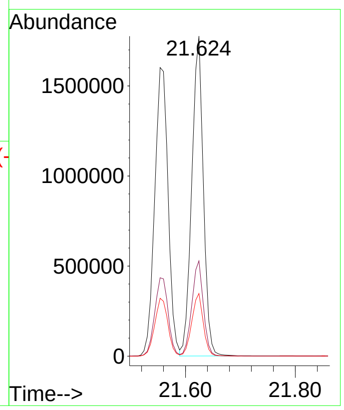
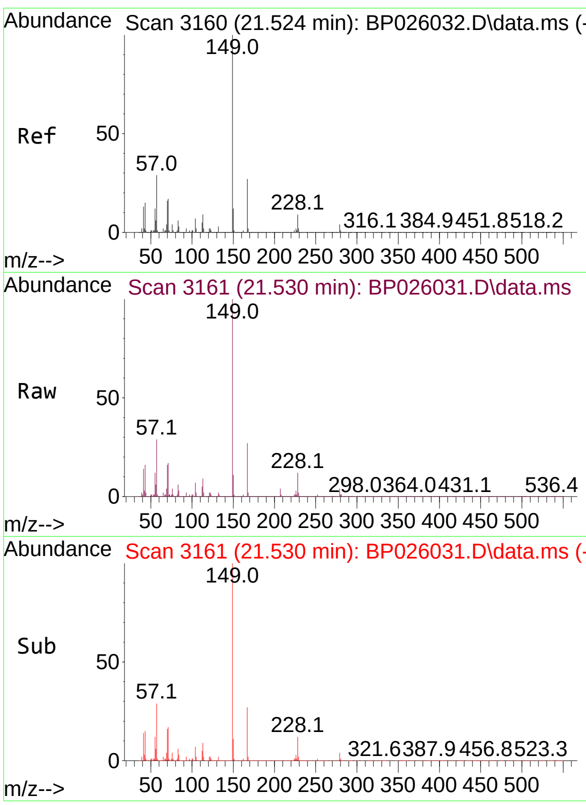
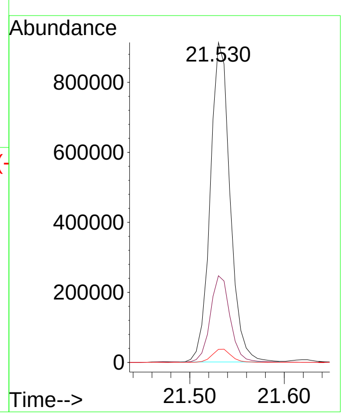


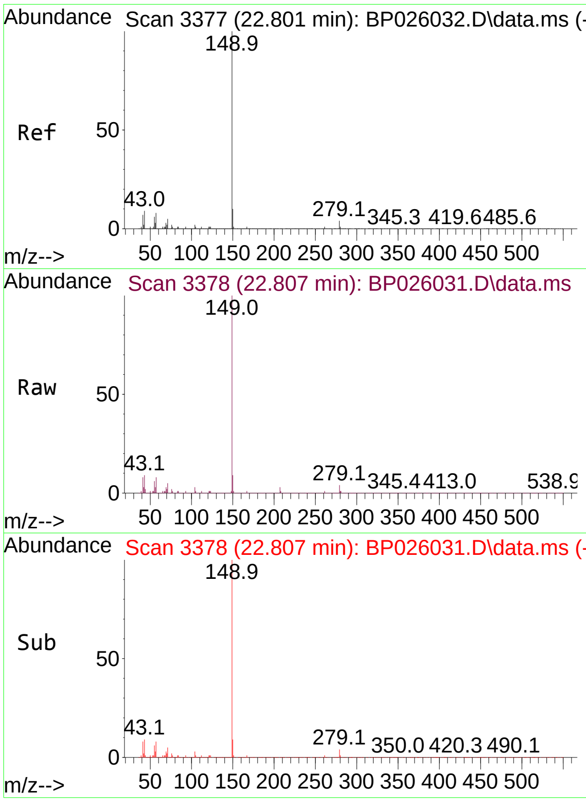


#84
Bis(2-ethylhexyl)phthalate
Concen: 18.694 ng
RT: 21.530 min Scan# 3161
Delta R.T. 0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:149 Resp: 1336224

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.5	32.3
279	4.1	3.0	4.6

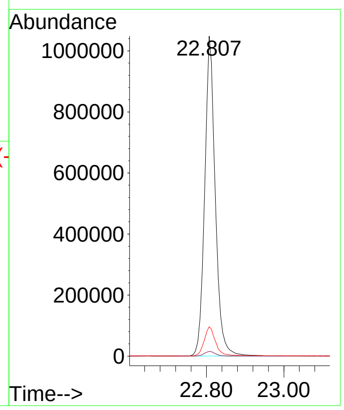




#85
Di-n-octyl phthalate
Concen: 17.224 ng
RT: 22.807 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:149 Resp: 198487

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.1	7.6	11.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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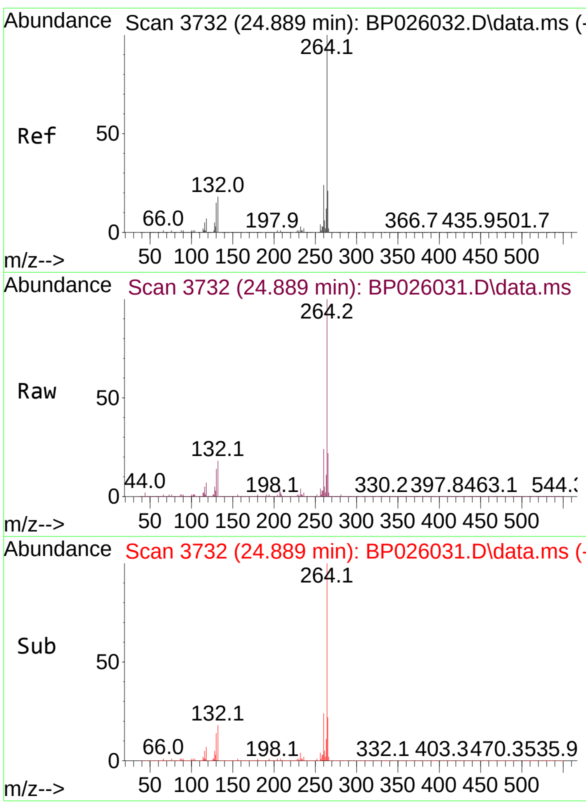
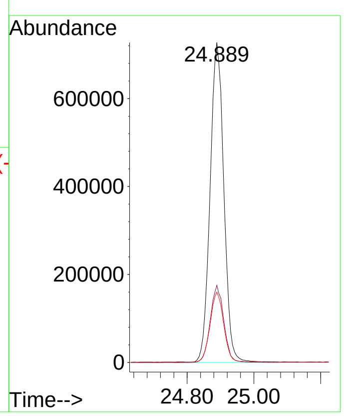


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:264 Resp: 2082873

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	22.0	17.2	25.8

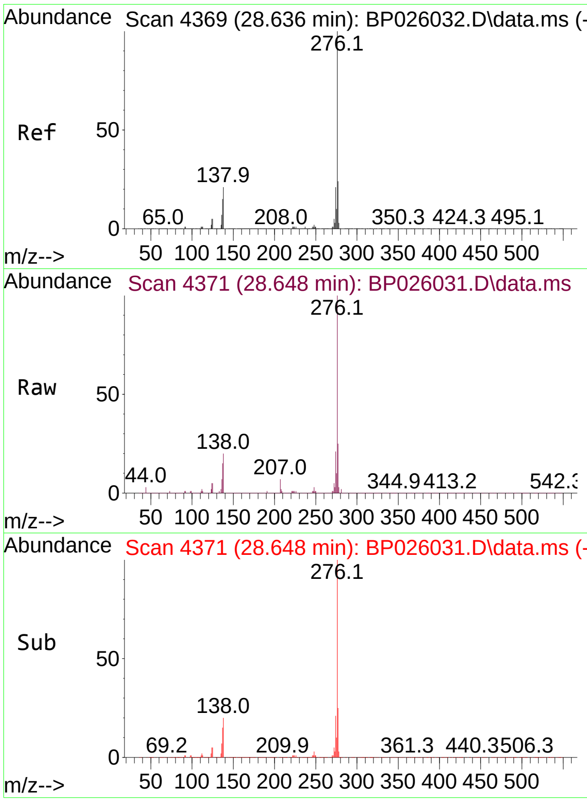


ICAL Form

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

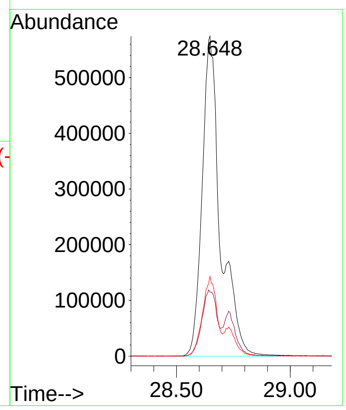
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

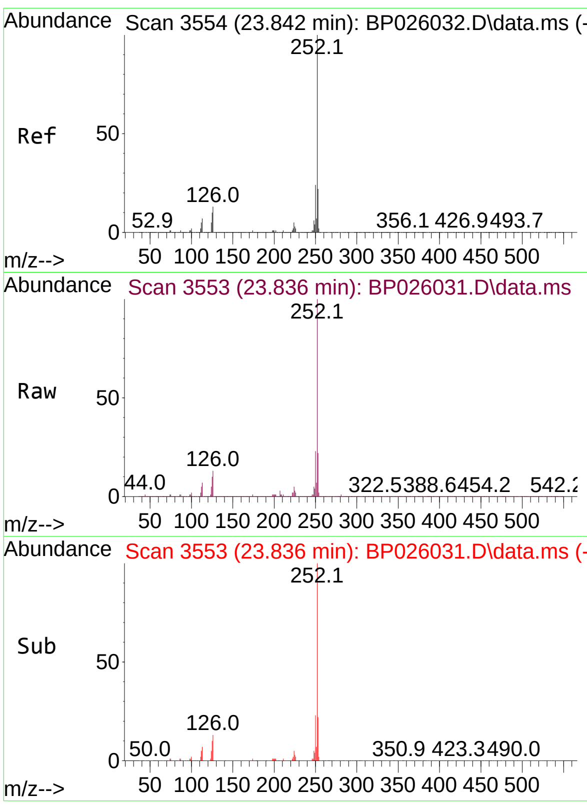


#87
Indeno(1,2,3-cd)pyrene
Concen: 20.856 ng m
RT: 28.648 min Scan# 4
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:276 Resp: 320587

Ion	Ratio	Lower	Upper
276	100		
138	17.0	13.2	19.8
277	19.4	16.3	24.5

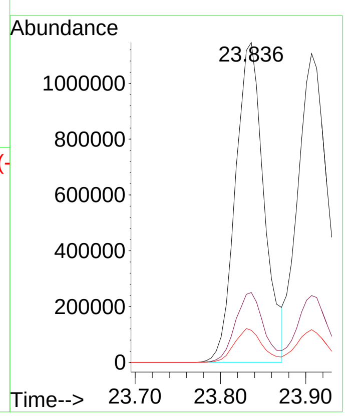




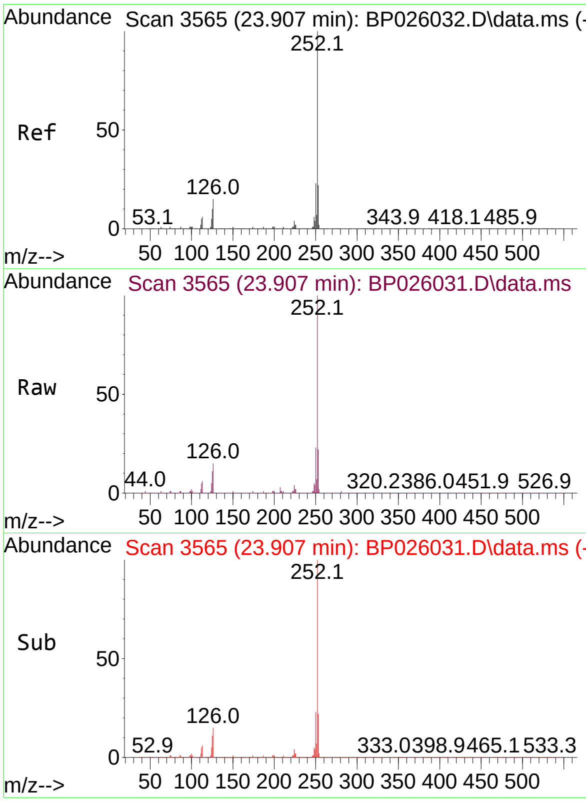
#88
Benzo(b)fluoranthene
Concen: 20.584 ng
RT: 23.836 min Scan# 3553
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:252 Resp: 2661543

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.0	8.1	12.1



ICAL Form



#89
Benzo(k)fluoranthene
Concen: 20.602 ng
RT: 23.907 min Scan# 35
Delta R.T. -0.017 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

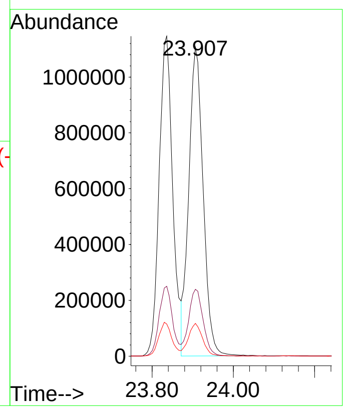
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

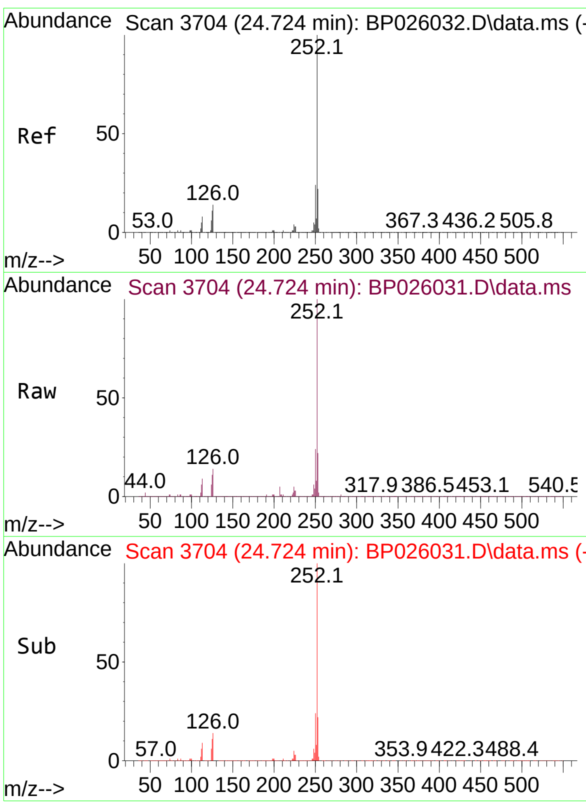
Tgt Ion:252 Resp: 272035

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.6	8.1	12.1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

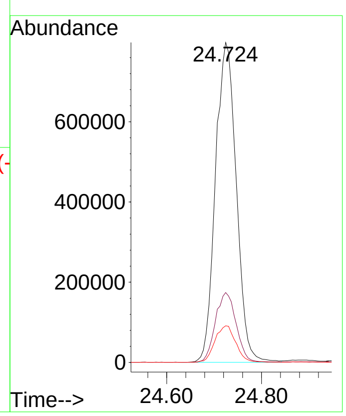


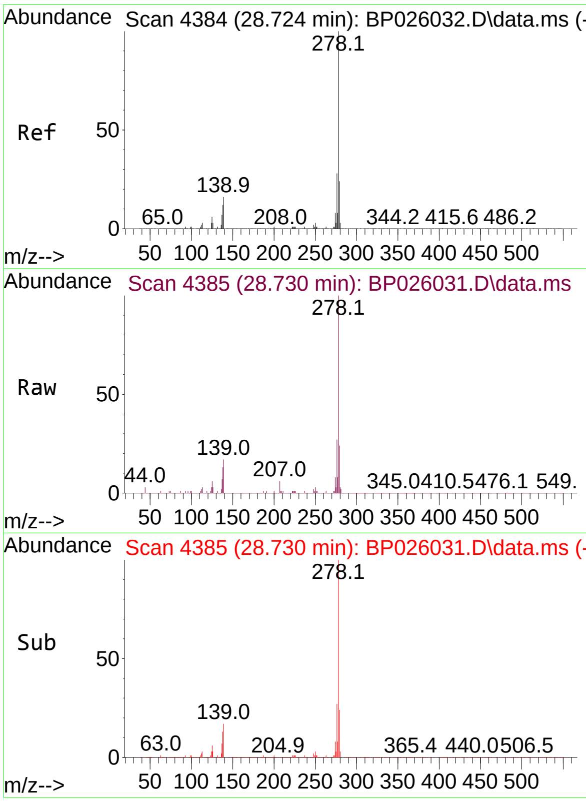


#90
Benzo(a)pyrene
Concen: 20.541 ng
RT: 24.724 min Scan# 3704
Delta R.T. -0.017 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:252 Resp: 2440075

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	11.4	9.1	13.7





#91
Dibenzo(a,h)anthracene
Concen: 20.785 ng
RT: 28.730 min Scan# 4
Delta R.T. -0.017 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

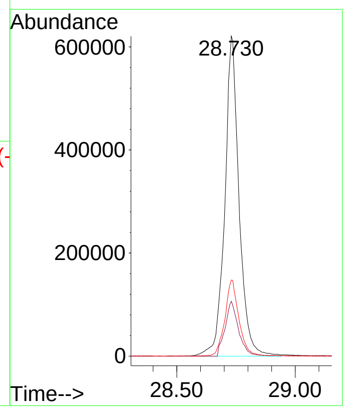
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

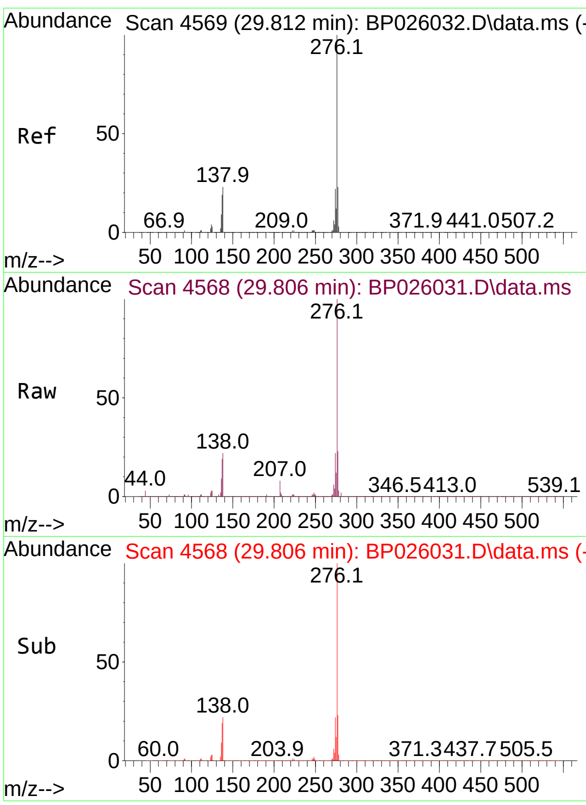
Tgt Ion:278 Resp: 260104

Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.0	19.6
279	23.8	18.9	28.3

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

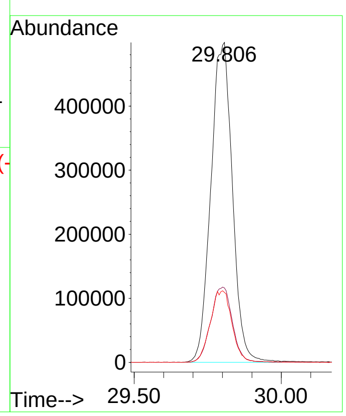




#92
Benzo(g,h,i)perylene
Concen: 21.078 ng
RT: 29.806 min Scan# 4568
Delta R.T. -0.023 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:276 Resp: 2538211

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.5	27.7
138	21.9	18.1	27.1



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026032.D
Acq On : 29 Oct 2025 12:10
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Oct 29 18:08:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.684	152	293060	20.000 ng	0.00
21) Naphthalene-d8	10.454	136	1204929	20.000 ng	0.00
39) Acenaphthene-d10	14.313	164	764236	20.000 ng	0.00
64) Phenanthrene-d10	17.125	188	1555861	20.000 ng	0.00
76) Chrysene-d12	21.577	240	1646604	20.000 ng	0.01
86) Perylene-d12	24.889	264	1760712	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.296	112	1464250	82.445 ng	0.00
7) Phenol-d6	6.855	99	1882712	83.286 ng	0.00
23) Nitrobenzene-d5	8.825	82	1630132	84.339 ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	722838	87.488 ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4342634	81.651 ng	-0.01
79) Terphenyl-d14	19.866	244	6676375	82.377 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.243	88	302066	40.344 ng	100
3) Pyridine	3.625	79	867862	40.775 ng	100
4) n-Nitrosodimethylamine	3.537	42	342452	40.144 ng	100
6) Aniline	7.019	93	1237729	41.026 ng	100
8) 2-Chlorophenol	7.255	128	822579	41.826 ng	100
9) Benzaldehyde	6.831	77	474239	40.357 ng	100
10) Phenol	6.884	94	1039468	41.420 ng	100
11) bis(2-Chloroethyl)ether	7.119	93	804729	40.632 ng	100
12) 1,3-Dichlorobenzene	7.578	146	921791	40.813 ng	100
13) 1,4-Dichlorobenzene	7.719	146	925177	40.514 ng	100
14) 1,2-Dichlorobenzene	8.031	146	888039	40.753 ng	100
15) Benzyl Alcohol	7.913	79	668211	41.003 ng	100
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1230074	41.095 ng	100
17) 2-Methylphenol	8.113	107	688795	41.915 ng	100
18) Hexachloroethane	8.760	117	323386	41.385 ng	100
19) n-Nitroso-di-n-propyla...	8.478	70	601712	42.881 ng	100
20) 3+4-Methylphenols	8.437	107	945490	41.358 ng	100
22) Acetophenone	8.490	105	1247543	40.939 ng	100
24) Nitrobenzene	8.866	77	859810	42.132 ng	100
25) Isophorone	9.390	82	1734781	41.932 ng	100
26) 2-Nitrophenol	9.566	139	308209	41.419 ng	100
27) 2,4-Dimethylphenol	9.631	122	728530	41.876 ng	100
28) bis(2-Chloroethoxy)met...	9.866	93	1076336	41.282 ng	100
29) 2,4-Dichlorophenol	10.101	162	788938	42.949 ng	100
30) 1,2,4-Trichlorobenzene	10.319	180	817950	40.968 ng	100
31) Naphthalene	10.501	128	2686976	40.893 ng	100
32) Benzoic acid	9.743	122	404584	40.754 ng	100
33) 4-Chloroaniline	10.601	127	1052918	41.701 ng	100
34) Hexachlorobutadiene	10.801	225	520749	41.043 ng	100
35) Caprolactam	11.360	113	271877	42.147 ng	100
36) 4-Chloro-3-methylphenol	11.731	107	831835	43.198 ng	100
37) 2-Methylnaphthalene	12.119	142	1916037	41.663 ng	100
38) 1-Methylnaphthalene	12.337	142	1850373	41.416 ng	100
40) 1,2,4,5-Tetrachloroben...	12.484	216	966620	40.707 ng	100
41) Hexachlorocyclopentadiene	12.478	237	361557	41.615 ng	100
43) 2,4,6-Trichlorophenol	12.725	196	614032	43.748 ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026032.D
Acq On : 29 Oct 2025 12:10
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Oct 29 18:08:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	697254	43.536 ng	100
46) 1,1'-Biphenyl	13.137	154	2384975	40.756 ng	100
47) 2-Chloronaphthalene	13.172	162	1878852	40.808 ng	100
48) 2-Nitroaniline	13.372	65	464490	40.401 ng	100
49) Acenaphthylene	14.031	152	2800152	41.727 ng	100
50) Dimethylphthalate	13.772	163	2326622	41.854 ng	100
51) 2,6-Dinitrotoluene	13.878	165	402854	39.911 ng	100
52) Acenaphthene	14.378	154	1909071	41.440 ng	100
53) 3-Nitroaniline	14.207	138	495409	40.022 ng	100
54) 2,4-Dinitrophenol	14.413	184	153212	40.475 ng	100
55) Dibenzofuran	14.719	168	2856737	41.043 ng	100
56) 4-Nitrophenol	14.519	139	436072	39.340 ng	100
57) 2,4-Dinitrotoluene	14.672	165	600497	40.877 ng	100
58) Fluorene	15.384	166	2216283	40.643 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	556750	44.213 ng	100
60) Diethylphthalate	15.160	149	2367180	42.357 ng	100
61) 4-Chlorophenyl-phenyle...	15.384	204	1116700	41.008 ng	100
62) 4-Nitroaniline	15.389	138	522724	44.005 ng	100
63) Azobenzene	15.678	77	2107059	41.601 ng	100
65) 4,6-Dinitro-2-methylph...	15.454	198	237899	39.981 ng	100
66) n-Nitrosodiphenylamine	15.601	169	2012448	41.369 ng	100
67) 4-Bromophenyl-phenylether	16.295	248	710184	41.150 ng	100
68) Hexachlorobenzene	16.413	284	801740	40.808 ng	100
69) Atrazine	16.583	200	681323	41.518 ng	100
70) Pentachlorophenol	16.766	266	499791	41.647 ng	100
71) Phenanthrene	17.172	178	3699137	40.848 ng	100
72) Anthracene	17.266	178	3661573	40.790 ng	100
73) Carbazole	17.542	167	3513761	41.351 ng	100
74) Di-n-butylphthalate	18.154	149	4146570	43.610 ng	100
75) Fluoranthene	19.260	202	4389430	41.552 ng	100
77) Benzidine	19.454	184	1702883	40.744 ng	100
78) Pyrene	19.642	202	4699012	42.194 ng	100
80) Butylbenzylphthalate	20.607	149	1633601	39.905 ng	100
81) Benzo(a)anthracene	21.554	228	4675082	41.317 ng	100
82) 3,3'-Dichlorobenzidine	21.477	252	1520065	41.695 ng	100
83) Chrysene	21.630	228	4430345	41.334 ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	2729269	41.098 ng	100
85) Di-n-octyl phthalate	22.801	149	4237623	43.233 ng	100
87) Indeno(1,2,3-cd)pyrene	28.636	276	5507457	42.386 ng	100
88) Benzo(b)fluoranthene	23.842	252	4599800	42.083 ng	100
89) Benzo(k)fluoranthene	23.907	252	4686005	41.983 ng	100
90) Benzo(a)pyrene	24.724	252	4261972	42.443 ng	100
91) Dibenzo(a,h)anthracene	28.724	278	4484851	42.397 ng	100
92) Benzo(g,h,i)perylene	29.812	276	4266684	41.915 ng	100

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

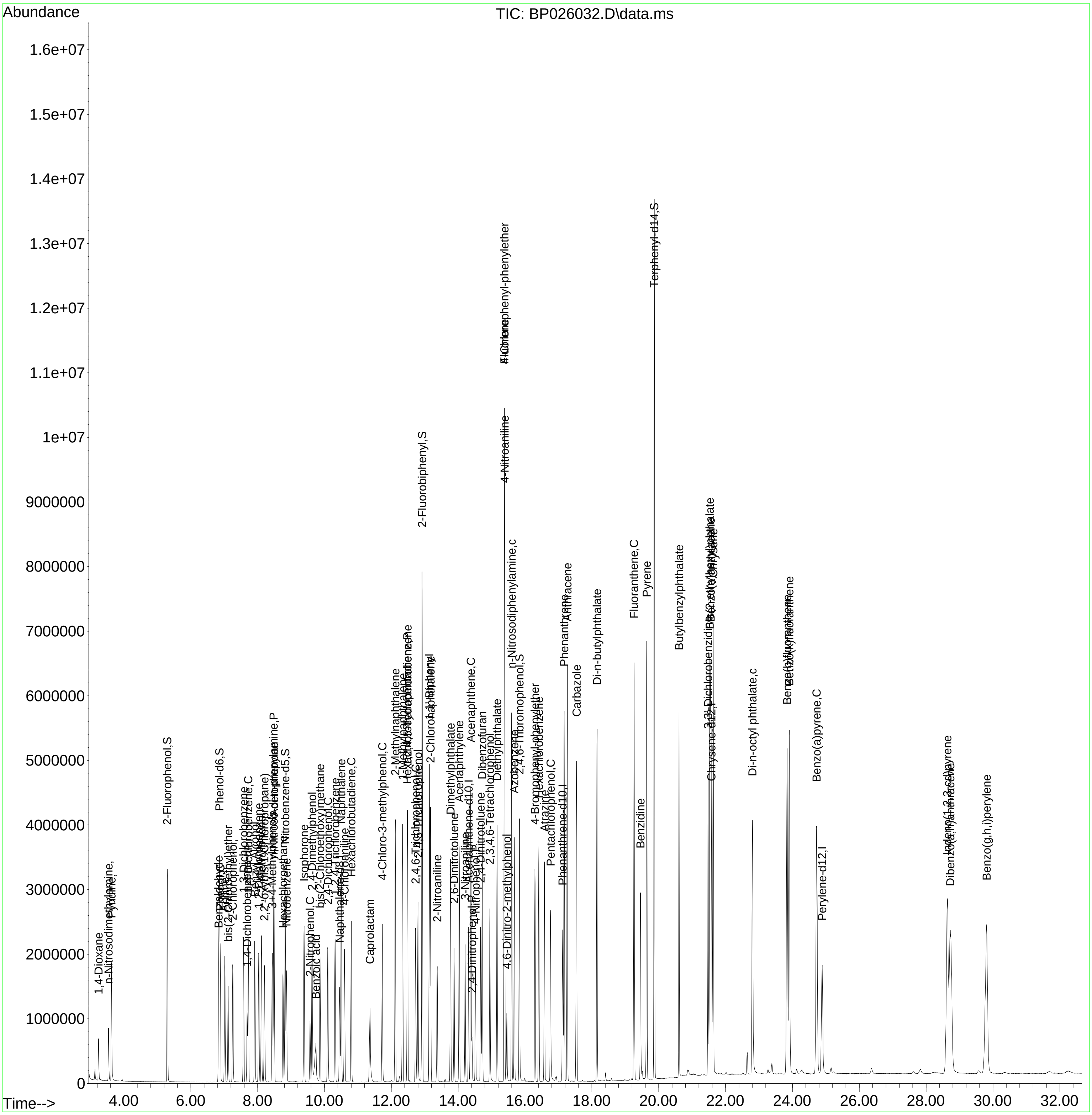
Quantitation Report (QT Reviewed)

ICAL Form

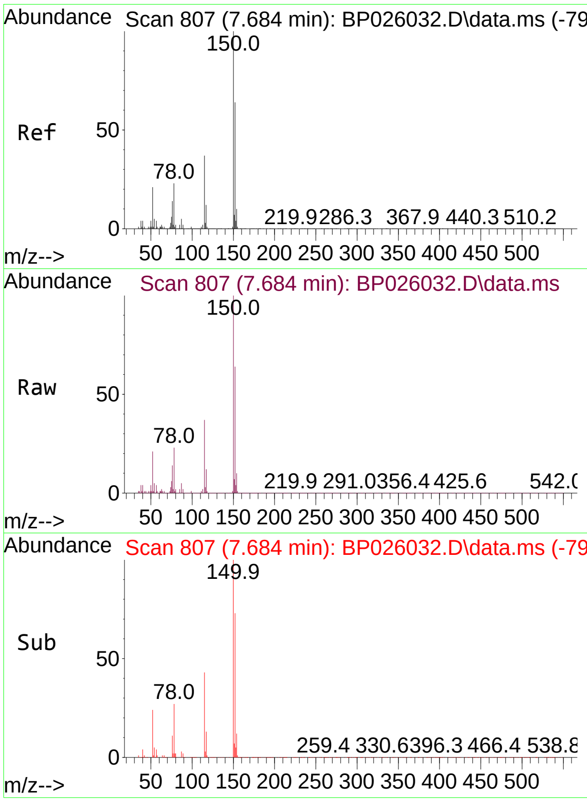
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026032.D
Acq On : 29 Oct 2025 12:10
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Oct 29 18:08:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration



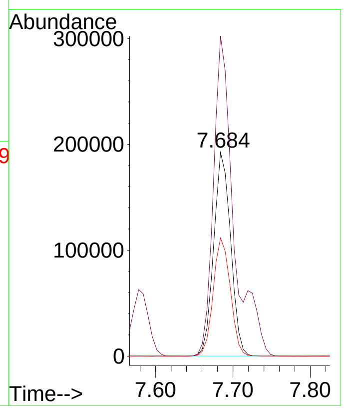
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

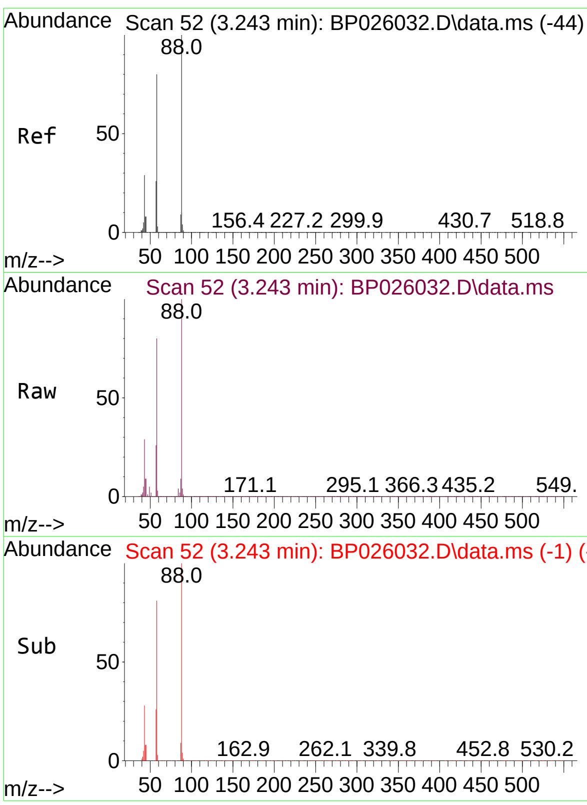


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:152 Resp: 293060

Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.7	188.5
115	58.0	46.4	69.6

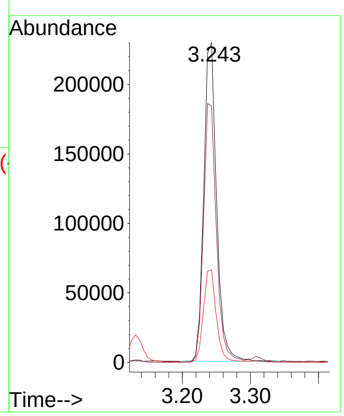




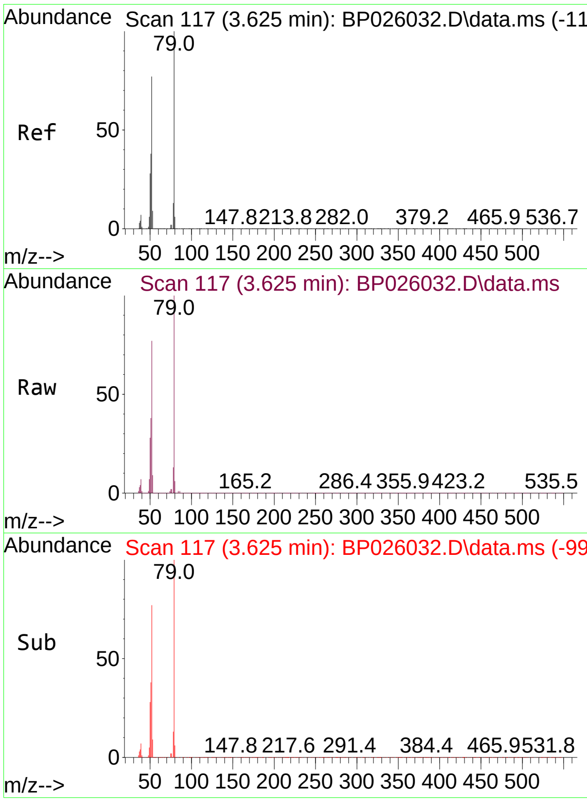
#2
1,4-Dioxane
Concen: 40.344 ng
RT: 3.243 min Scan# 52
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 88 Resp: 302066

Ion	Ratio	Lower	Upper
88	100		
58	81.7	65.4	98.0
43	28.9	23.1	34.7



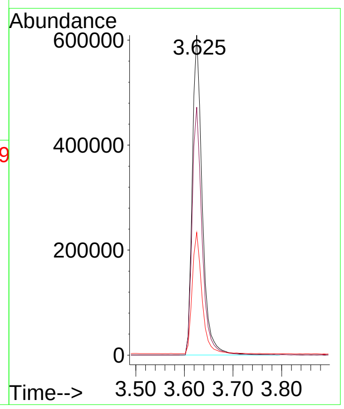
Instrument : BNA_P
ClientSampleId : SSTDICCC040

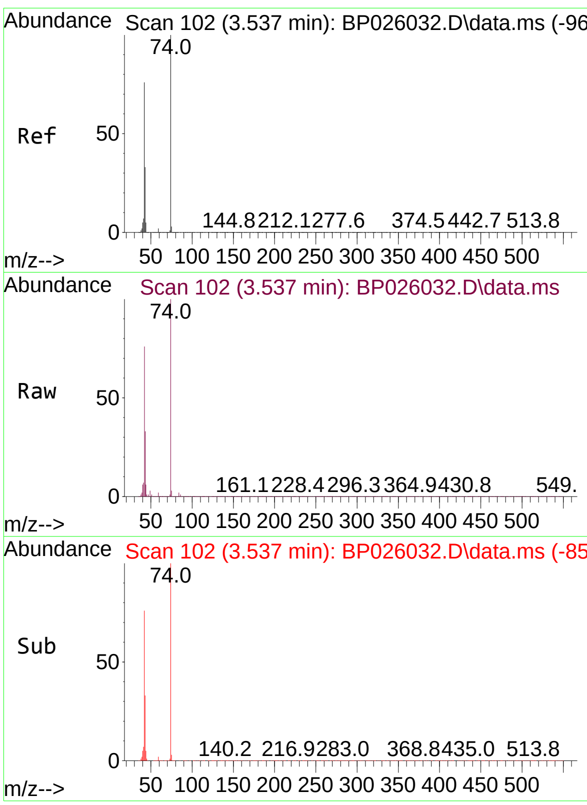


#3
Pyridine
Concen: 40.775 ng
RT: 3.625 min   Scan# 11
Delta R.T.   0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025   12:10

Tgt Ion: 79 Resp: 867862

Ion	Ratio	Lower	Upper
79	100		
52	77.5	62.0	93.0
51	38.3	30.6	46.0

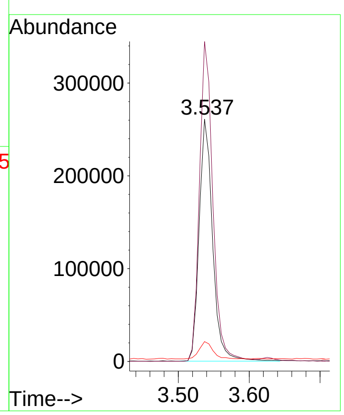




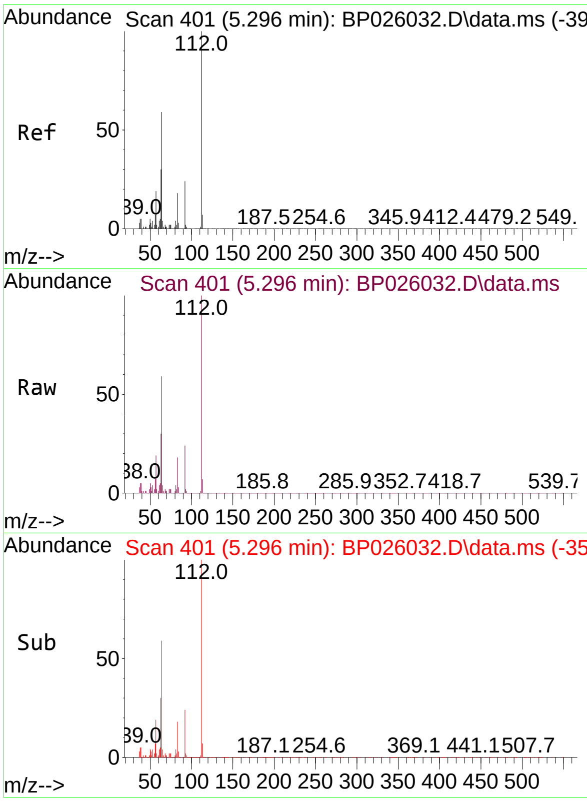
#4
n-Nitrosodimethylamine
Concen: 40.144 ng
RT: 3.537 min   Scan# 102
Delta R.T.   0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025   12:10

Tgt Ion: 42 Resp: 342452

Ion	Ratio	Lower	Upper
42	100		
74	132.1	105.7	158.5
44	8.2	6.6	9.8



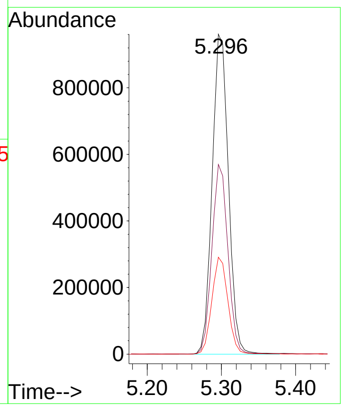
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

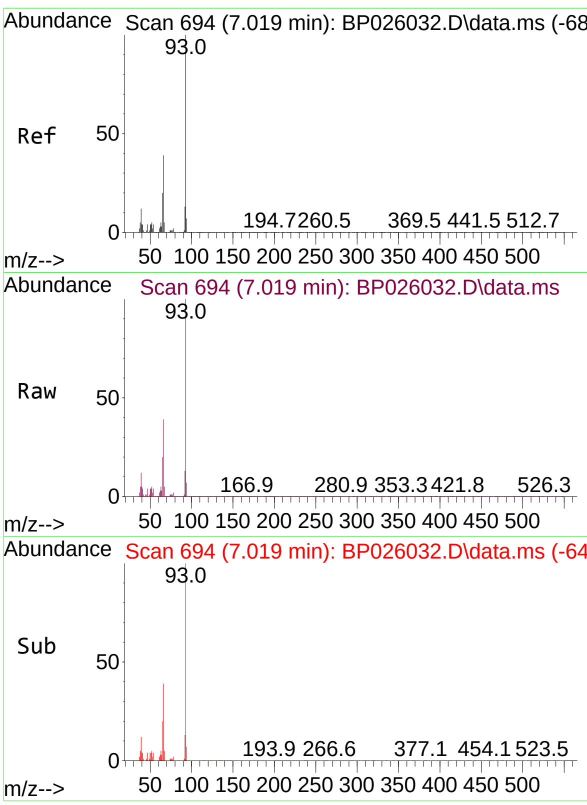


#5
2-Fluorophenol
Concen: 82.445 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:112 Resp: 1464250

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.4	71.2
63	30.3	24.2	36.4

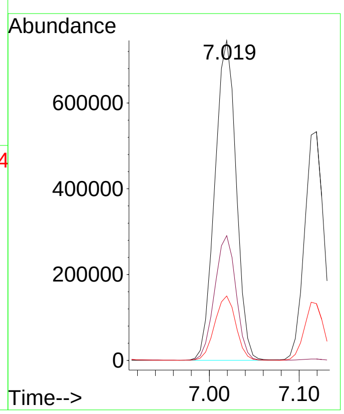




#6
Aniline
Concen: 41.026 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

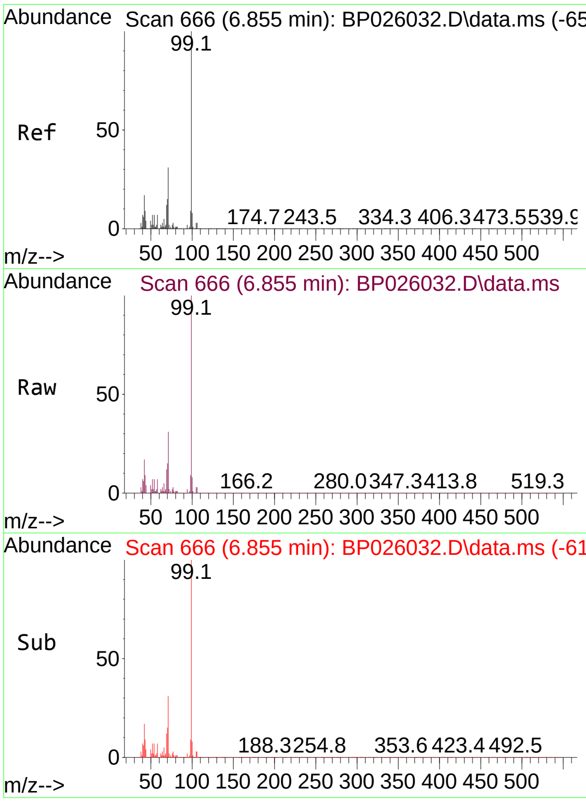
Tgt Ion: 93 Resp: 1237729

Ion	Ratio	Lower	Upper
93	100		
66	39.0	31.2	46.8
65	20.1	16.1	24.1



ICAL Form

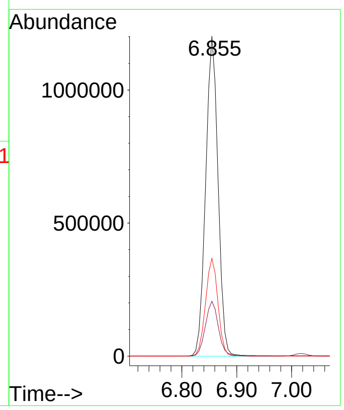
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

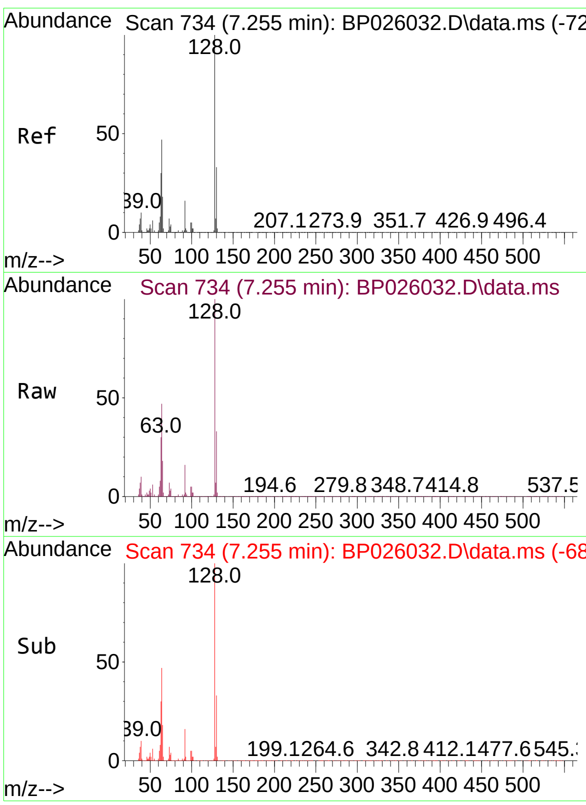


#7
Phenol-d6
Concen: 83.286 ng
RT: 6.855 min Scan# 66
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 99 Resp: 1882712

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	30.5	24.4	36.6

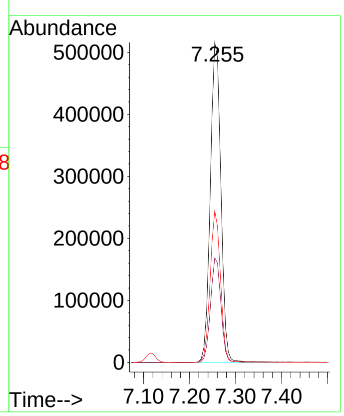




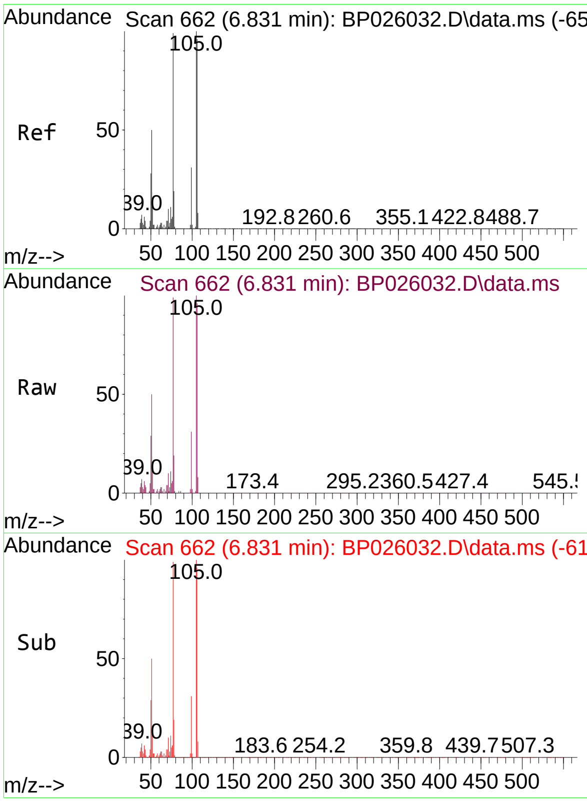
#8
2-Chlorophenol
Concen: 41.826 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:128 Resp: 822579

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	47.4	27.4	67.4



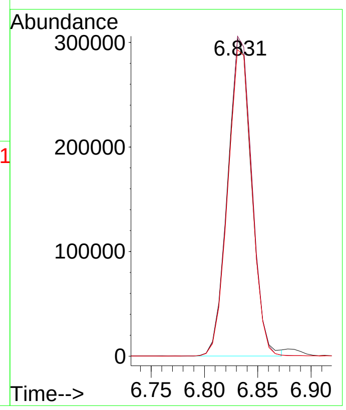
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

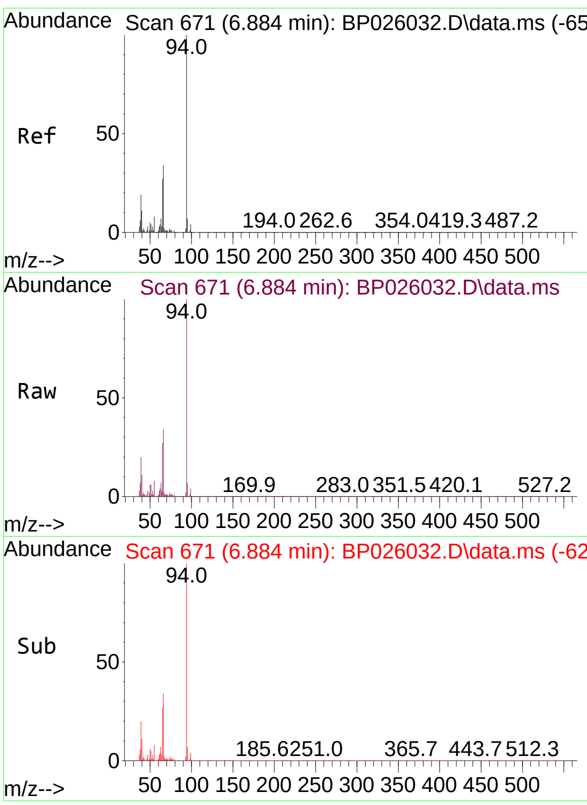


#9
Benzaldehyde
Concen: 40.357 ng
RT: 6.831 min Scan# 66
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 77 Resp: 474239

Ion	Ratio	Lower	Upper
77	100		
105	100.7	80.7	120.7
106	96.5	76.5	116.5

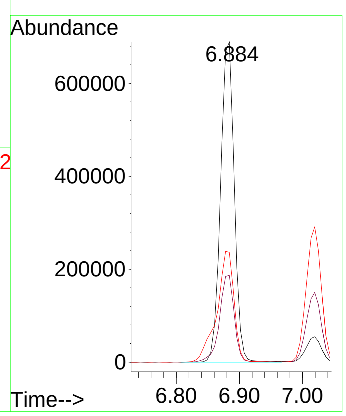




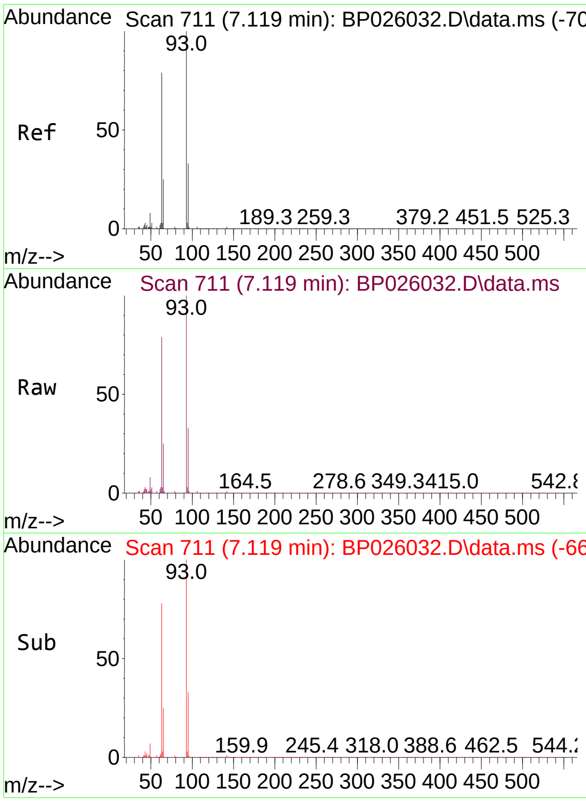
#10
Phenol
Concen: 41.420 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 94 Resp: 1039468

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.1	47.1
66	34.4	14.4	54.4



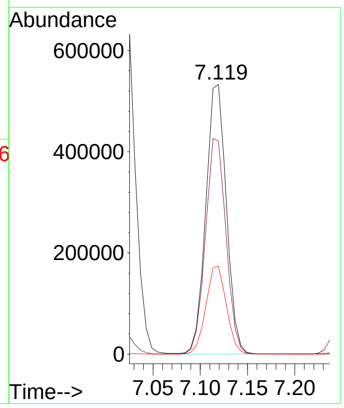
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

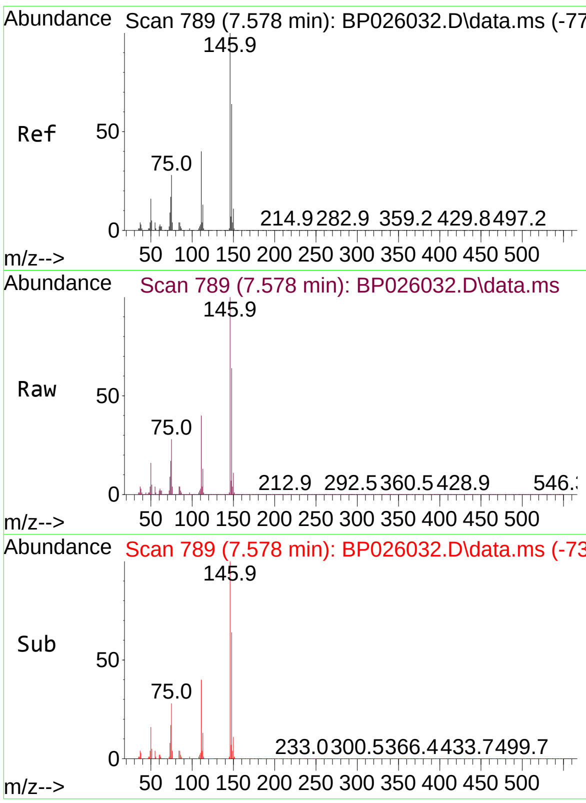


#11
bis(2-Chloroethyl)ether
Concen: 40.632 ng
RT: 7.119 min Scan# 711
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 93 Resp: 804729

Ion	Ratio	Lower	Upper
93	100		
63	79.1	59.1	99.1
95	32.6	12.6	52.6

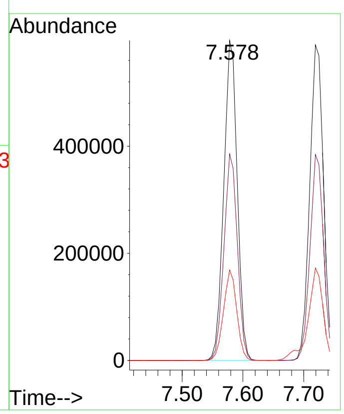




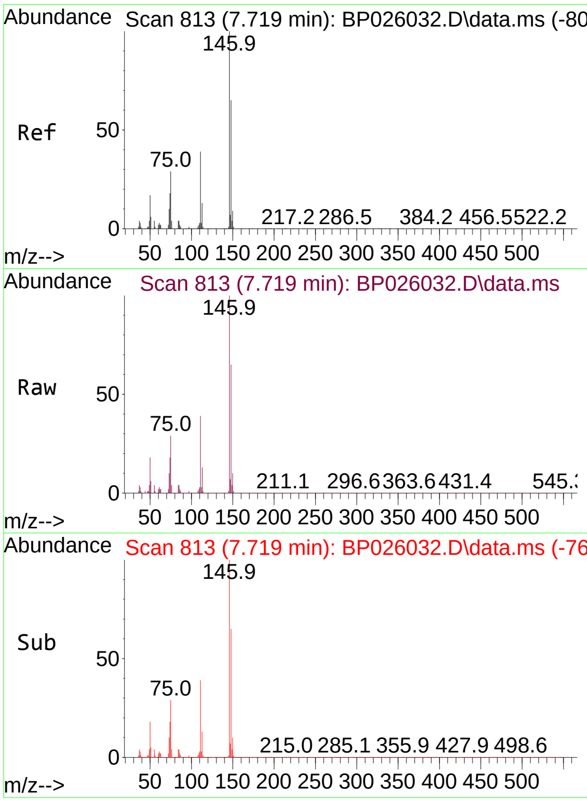
#12
1,3-Dichlorobenzene
Concen: 40.813 ng
RT: 7.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:146 Resp: 921791

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
75	28.2	22.6	33.8



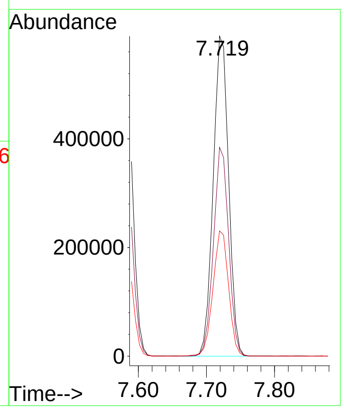
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

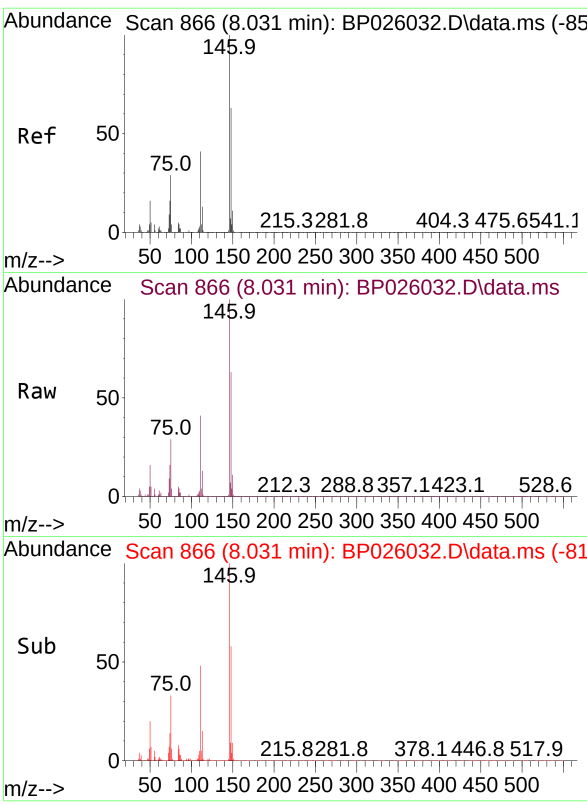


#13
1,4-Dichlorobenzene
Concen: 40.514 ng
RT: 7.719 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:146 Resp: 925177

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	39.1	31.3	46.9

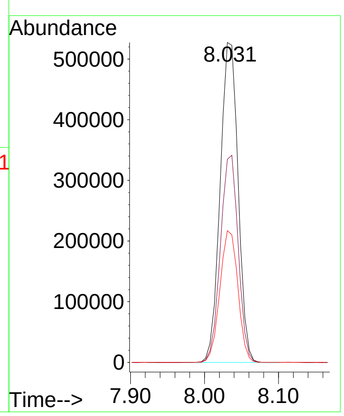




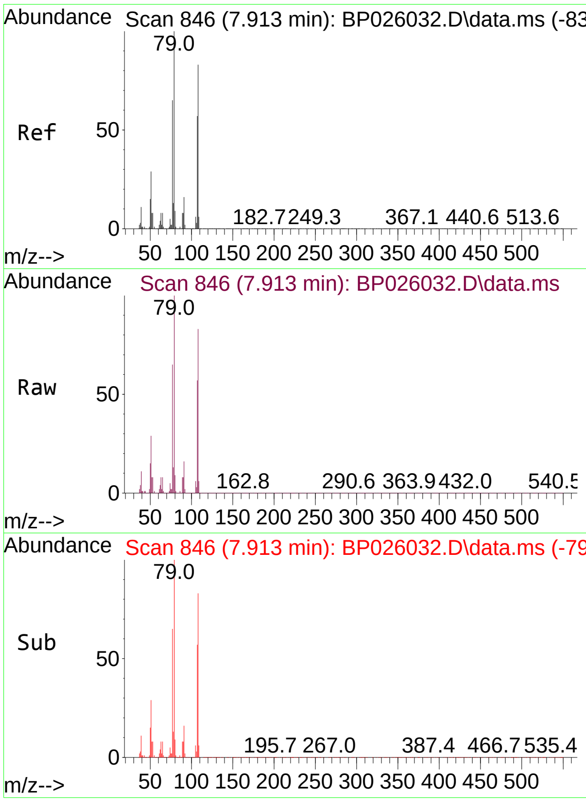
#14
1,2-Dichlorobenzene
Concen: 40.753 ng
RT: 8.031 min Scan# 866
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:146 Resp: 888039

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	41.2	33.0	49.4



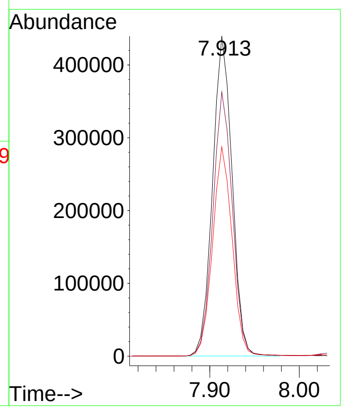
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

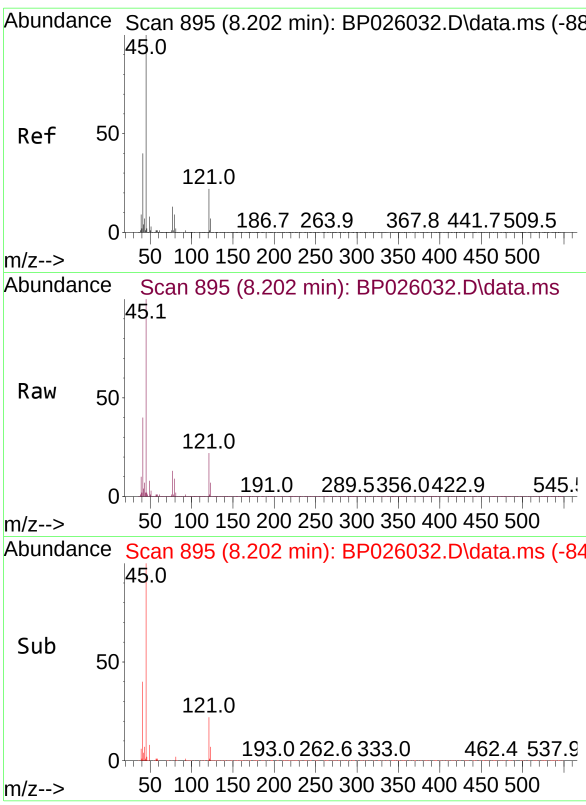


#15
Benzyl Alcohol
Concen: 41.003 ng
RT: 7.913 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 79 Resp: 668211

Ion	Ratio	Lower	Upper
79	100		
108	82.5	66.0	99.0
77	65.4	52.3	78.5

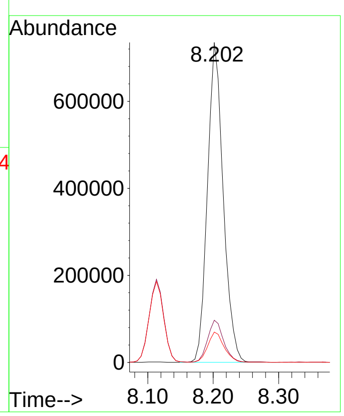


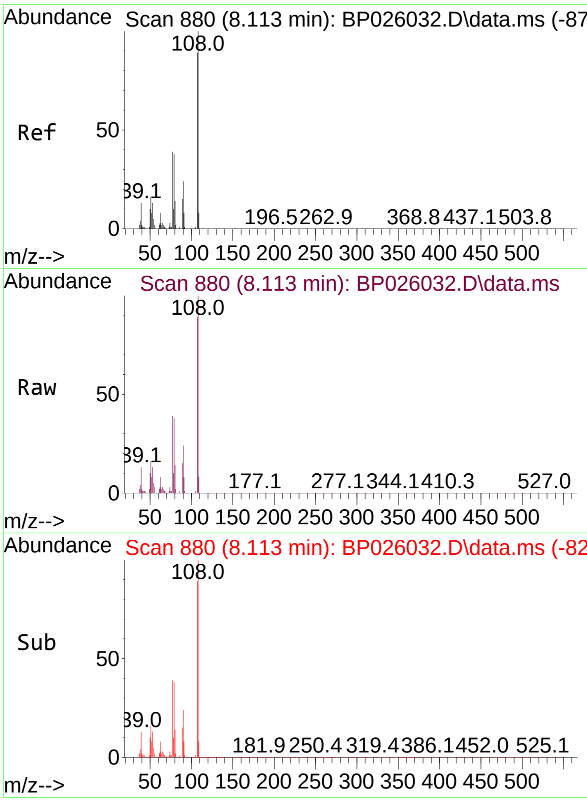


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.095 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 45 Resp: 1230074

Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	33.2
79	9.5	0.0	29.5



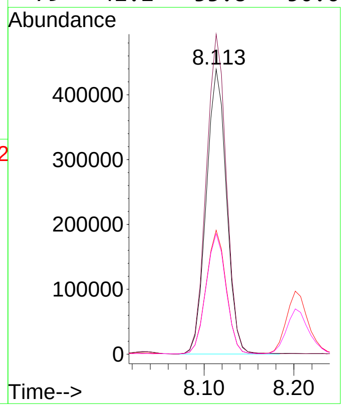


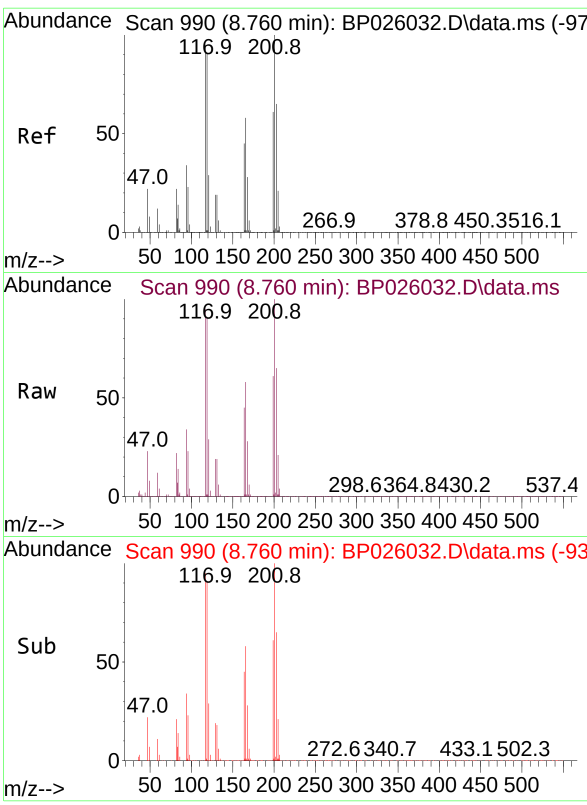
#17
2-Methylphenol
Concen: 41.915 ng
RT: 8.113 min Scan# 88
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 688795

Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.8	134.8
77	43.5	34.8	52.2
79	42.2	33.8	50.6

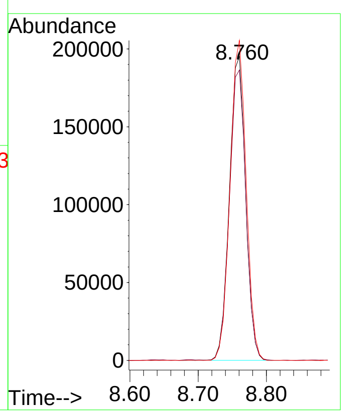




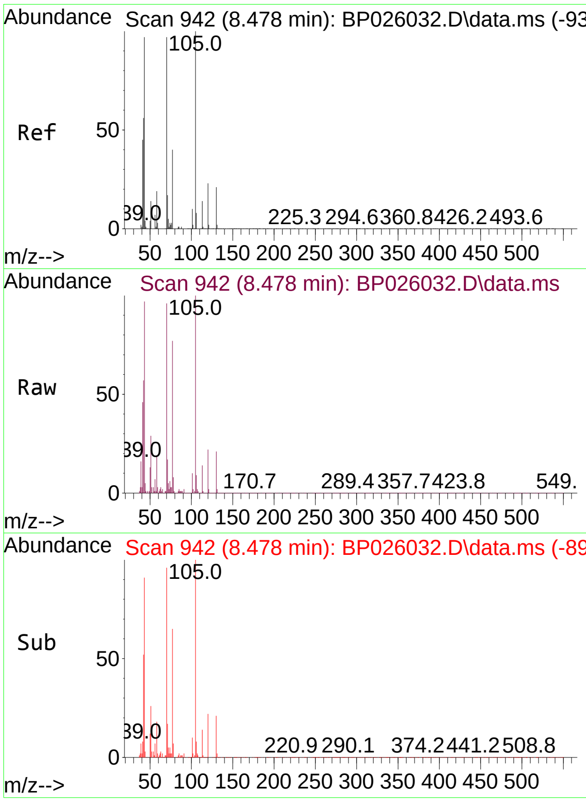
#18
Hexachloroethane
Concen: 41.385 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:117 Resp: 323386

Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.5	114.7
201	105.3	84.2	126.4



ICAL Form

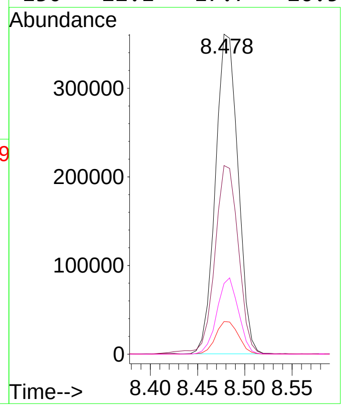


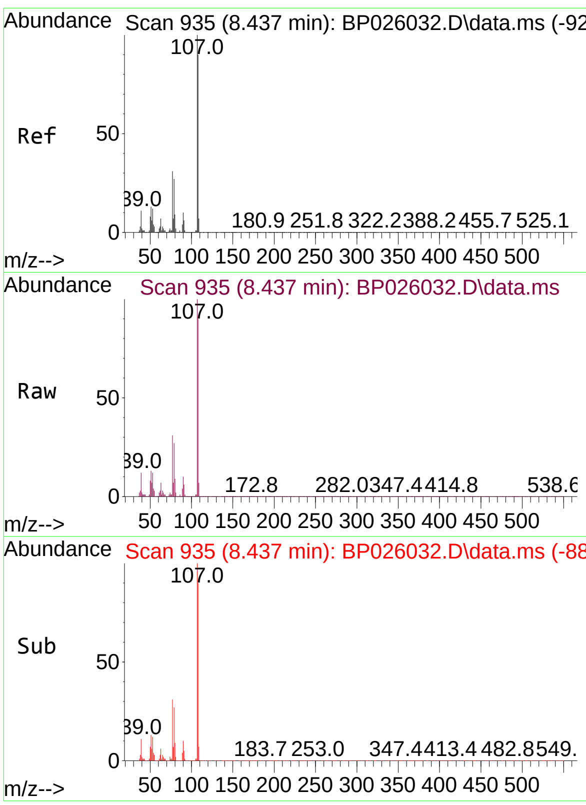
#19
n-Nitroso-di-n-propylamine
Concen: 42.881 ng
RT: 8.478 min Scan# 94
Delta R.T. -0.012 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 601712

Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.2	70.8
101	10.2	8.2	12.2
130	22.1	17.7	26.5

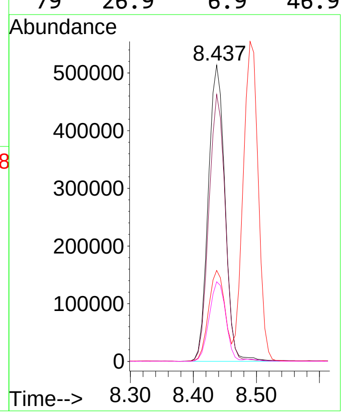




#20
3+4-Methylphenols
Concen: 41.358 ng
RT: 8.437 min Scan# 935
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

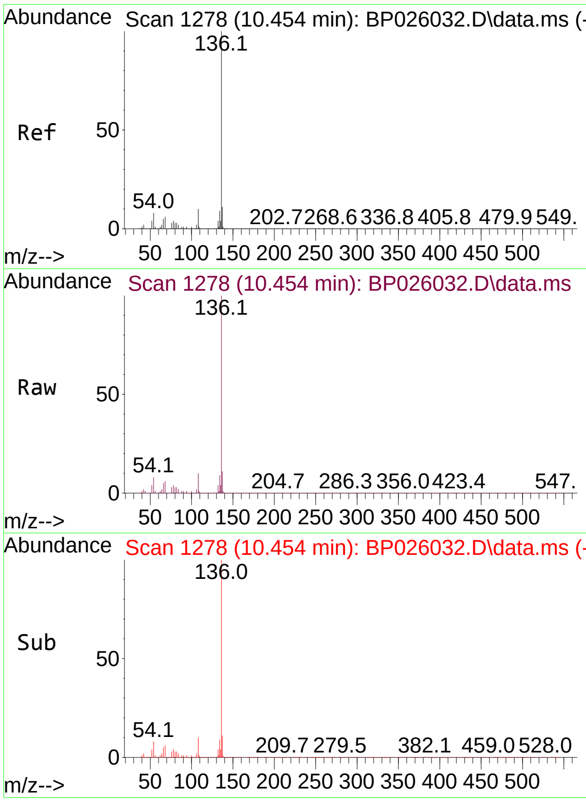
Tgt Ion:107 Resp: 945490

Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.1	110.1
77	30.7	10.7	50.7
79	26.9	6.9	46.9



ICAL Form

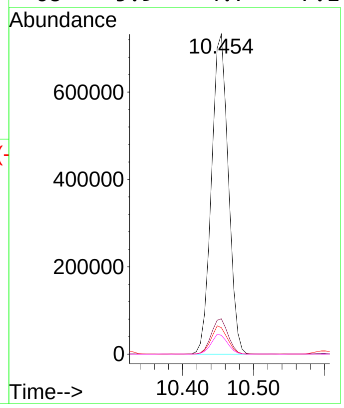
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

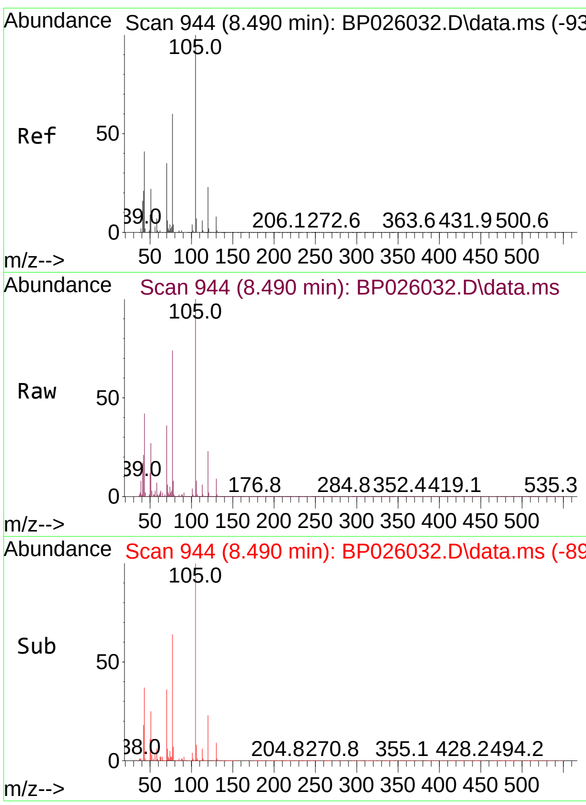


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:136 Resp: 1204929

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	6.6	10.0
68	5.9	4.7	7.1

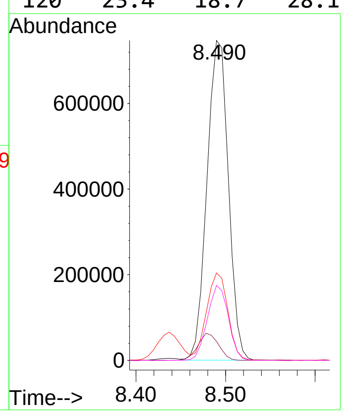




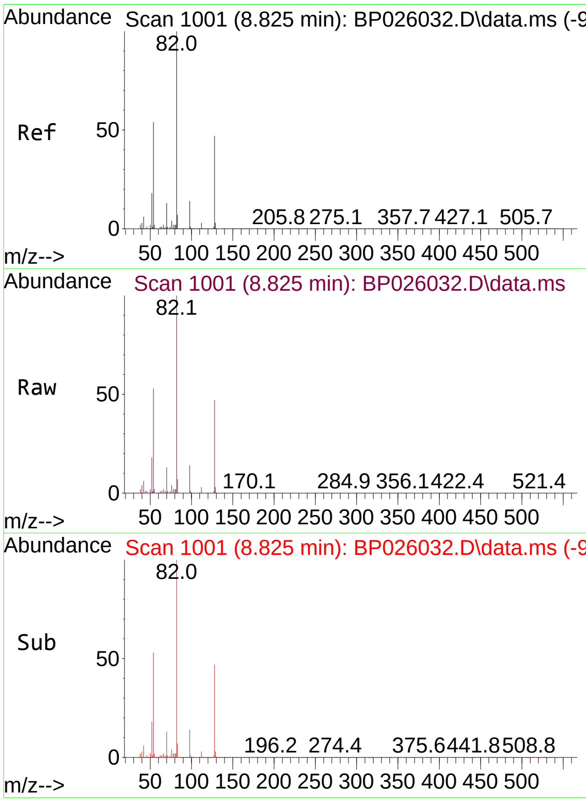
#22
Acetophenone
Concen: 40.939 ng
RT: 8.490 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:105 Resp: 1247543

Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.7	7.1
51	27.3	21.8	32.8
120	23.4	18.7	28.1

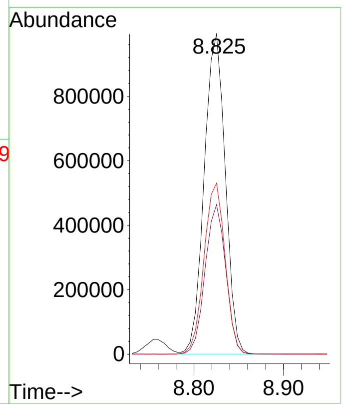


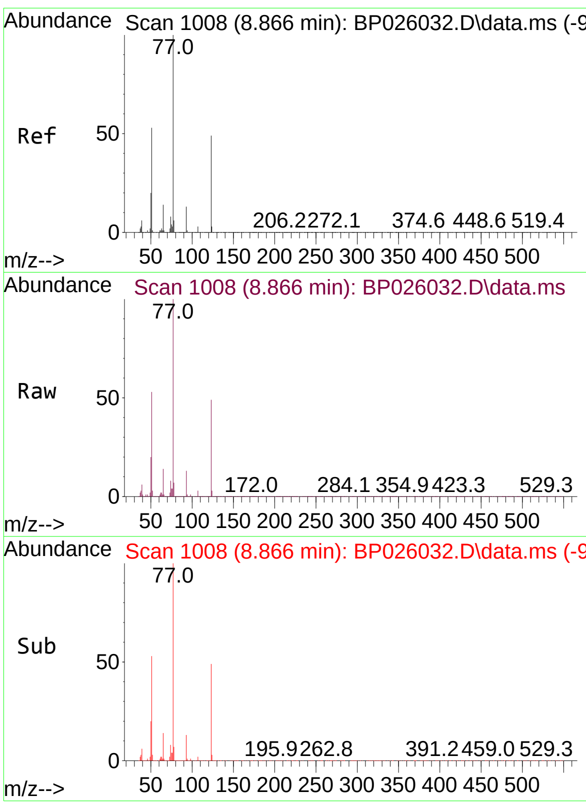
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040




```
#23
Nitrobenzene-d5
Concen:   84.339 ng
RT:   8.825 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BP026032.D
Acq: 29 Oct 2025  12:10

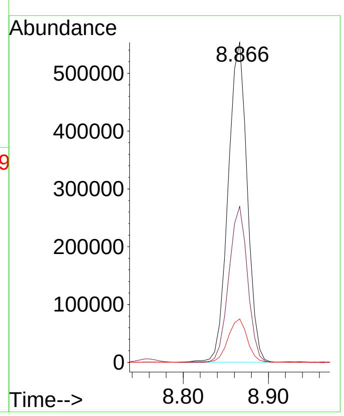
Tgt Ion: 82 Resp: 1630132
Ion  Ratio  Lower  Upper
 82  100
128   46.7   37.4   56.0
 54   53.4   42.7   64.1
```



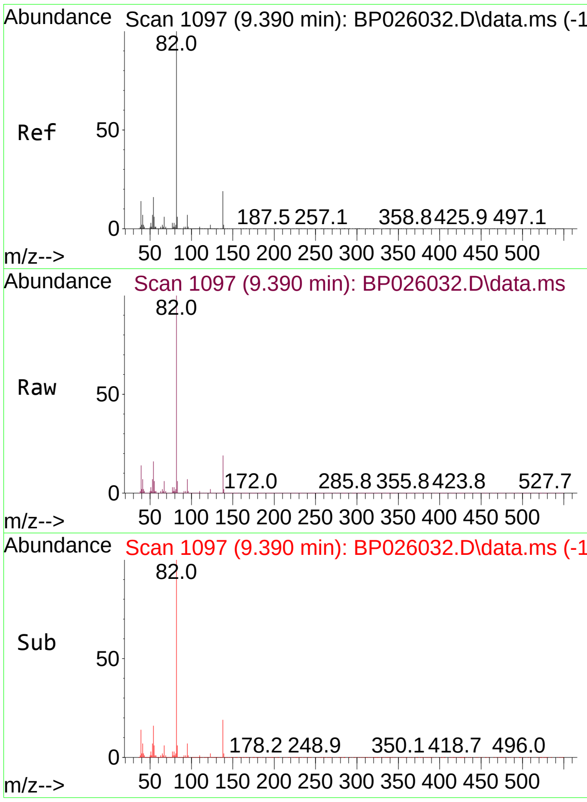



```
#24
Nitrobenzene
Concen:   42.132 ng
RT:   8.866 min  Scan# 1008
Delta R.T.  0.000 min
Lab File:   BP026032.D
Acq: 29 Oct 2025  12:10

Tgt Ion: 77 Resp:  859810
Ion  Ratio  Lower  Upper
 77  100
123   48.7   39.0   58.4
 65   13.6   10.9   16.3
```

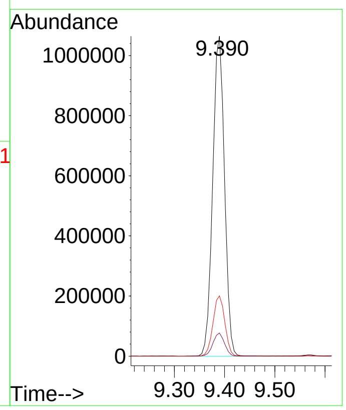


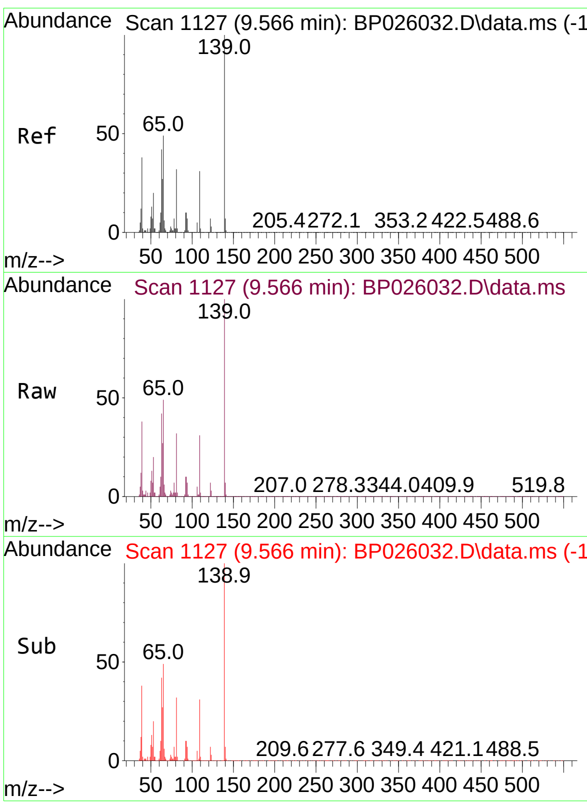
Instrument : BNA_P
ClientSampleId : SSTDICCC040




```
#25
Isophorone
Concen:   41.932 ng
RT:   9.390 min  Scan# 10
Delta R.T.  0.000 min
Lab File:   BP026032.D
Acq: 29 Oct 2025  12:10

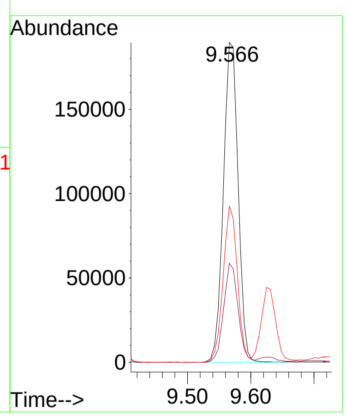
Tgt Ion: 82 Resp: 1734781
Ion  Ratio  Lower  Upper
 82  100
 95    7.2    5.8    8.6
138   18.8   15.0   22.6
```



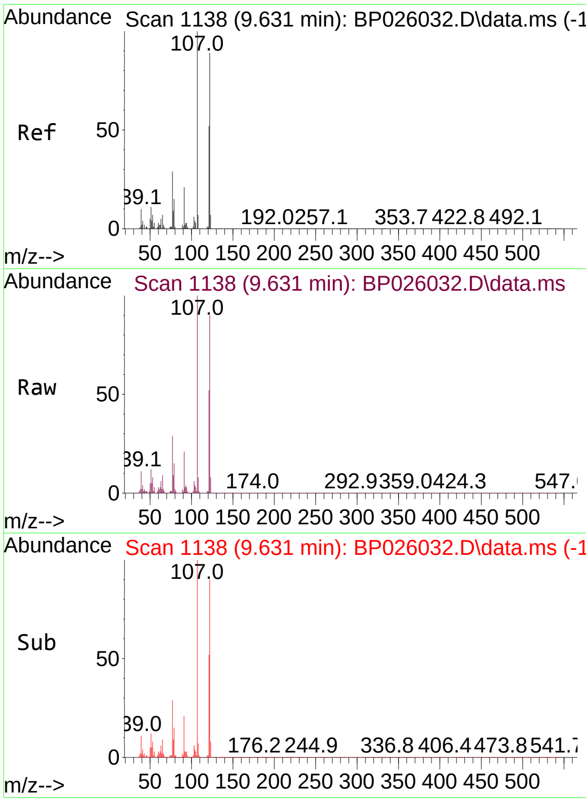



```
#26
2-Nitrophenol
Concen:   41.419 ng
RT:   9.566 min  Scan# 1127
Delta R.T.  0.000 min
Lab File:   BP026032.D
Acq: 29 Oct 2025  12:10

Tgt Ion:139 Resp:  308209
Ion  Ratio  Lower  Upper
139  100
109   31.0   24.8   37.2
 65   48.7   39.0   58.4
```



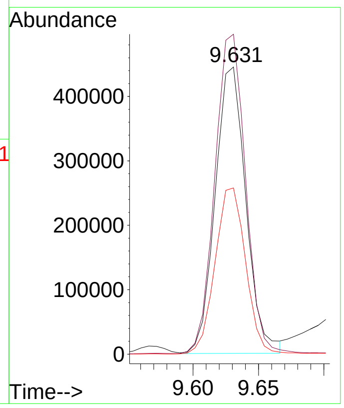
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

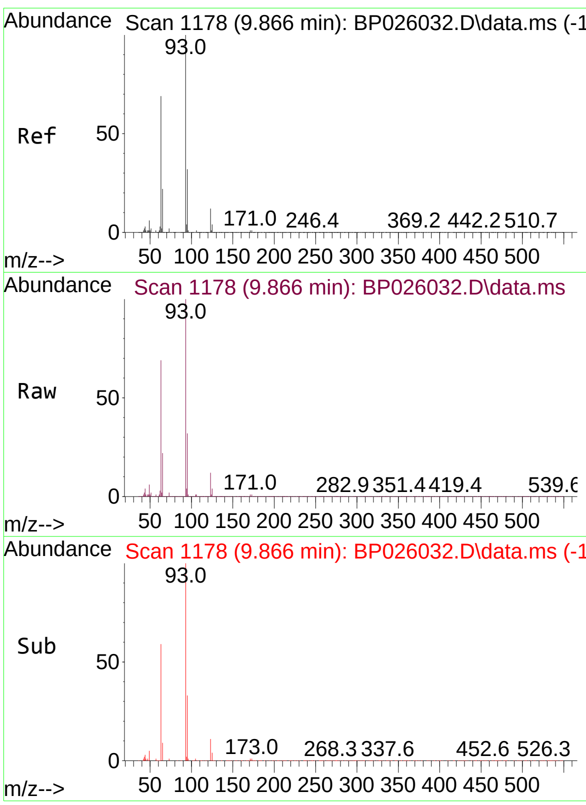


#27
2,4-Dimethylphenol
Concen: 41.876 ng
RT: 9.631 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:122 Resp: 728530

Ion	Ratio	Lower	Upper
122	100		
107	111.5	89.2	133.8
121	57.9	46.3	69.5

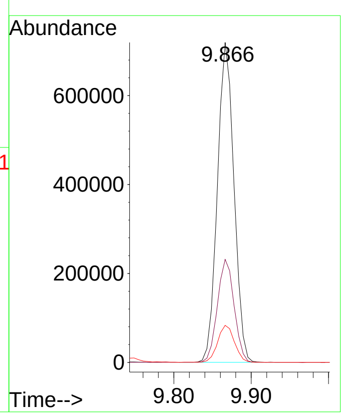




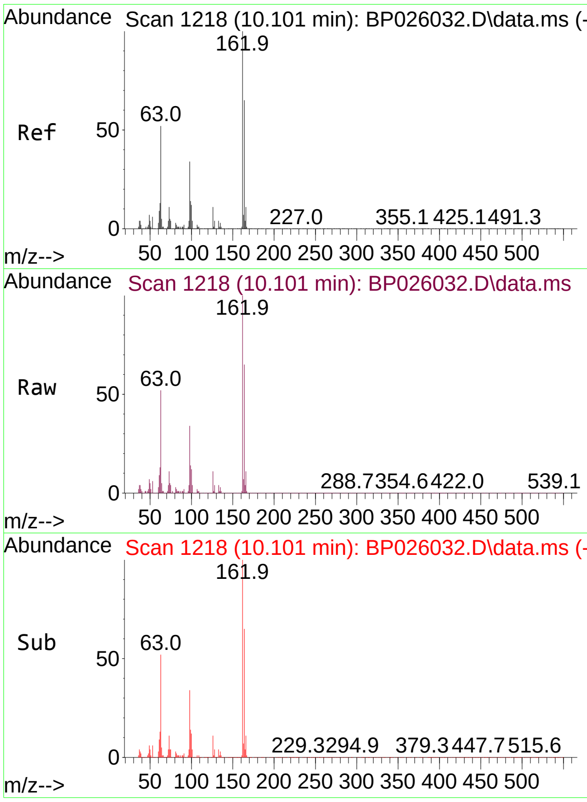
#28
bis(2-Chloroethoxy)methane
Concen: 41.282 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 93 Resp: 1076336

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	11.6	9.3	13.9



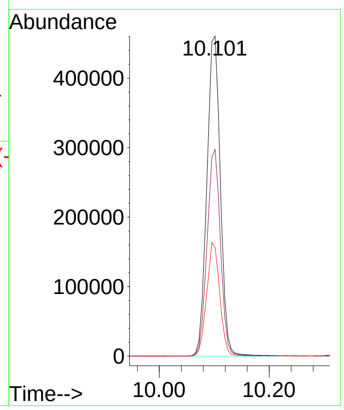
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

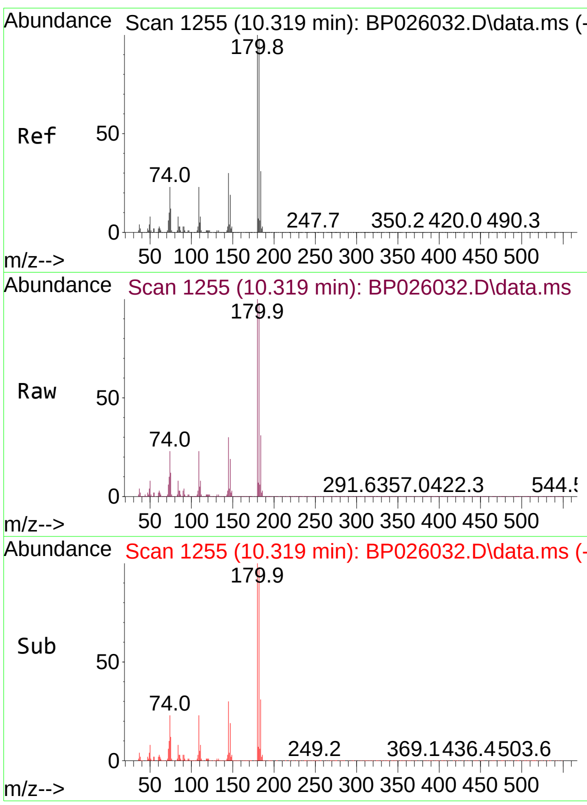


#29
2,4-Dichlorophenol
Concen: 42.949 ng
RT: 10.101 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:162 Resp: 788938

Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	34.0	14.0	54.0

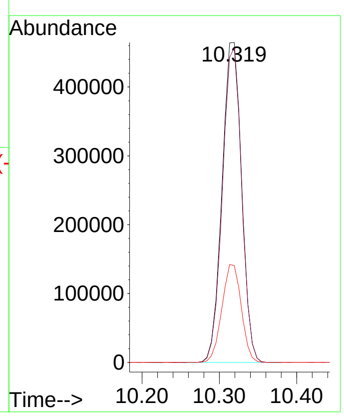




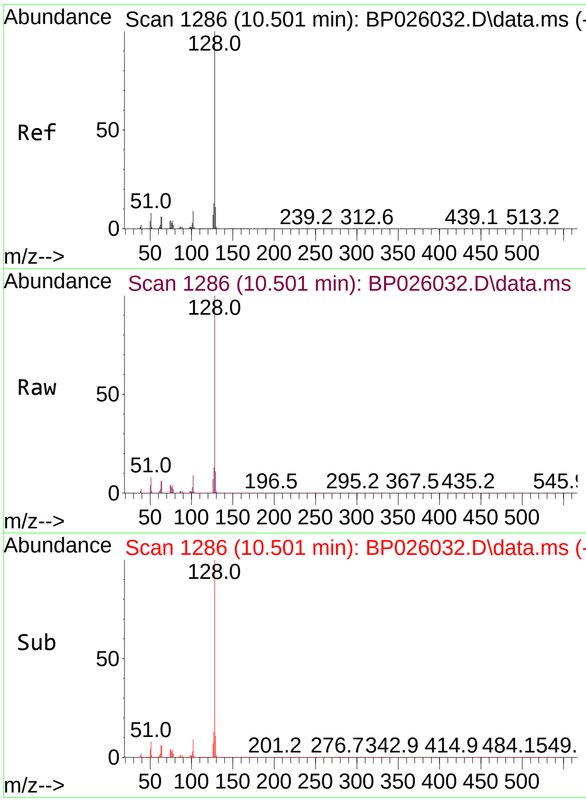
#30
1,2,4-Trichlorobenzene
Concen: 40.968 ng
RT: 10.319 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:180 Resp: 817950

Ion	Ratio	Lower	Upper
180	100		
182	98.2	78.6	117.8
145	30.3	24.2	36.4



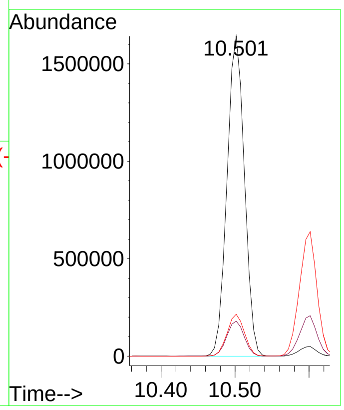
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

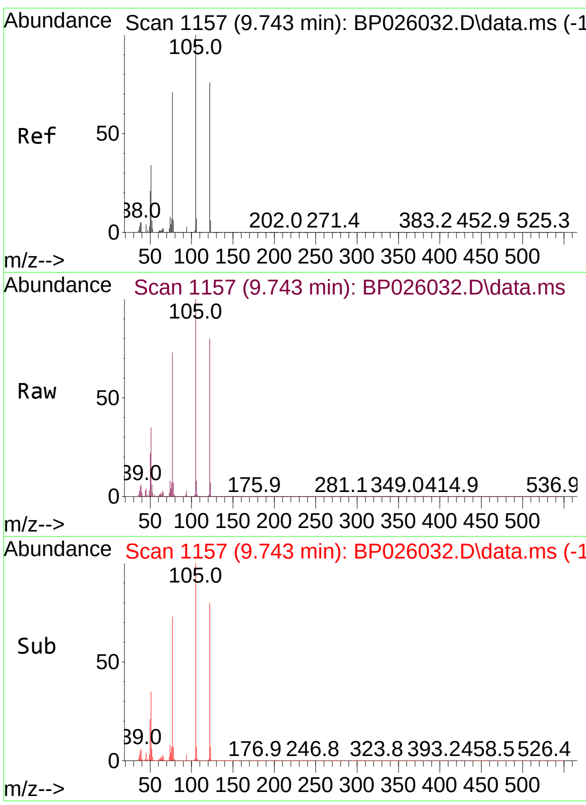


#31
Naphthalene
Concen: 40.893 ng
RT: 10.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:128 Resp: 2686976

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.1	10.5	15.7

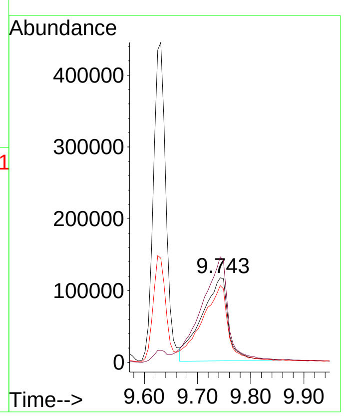




#32
Benzoic acid
Concen: 40.754 ng
RT: 9.743 min Scan# 1157
Delta R.T. -0.035 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:122 Resp: 404584

Ion	Ratio	Lower	Upper
122	100		
105	124.8	104.8	144.8
77	90.9	70.9	110.9



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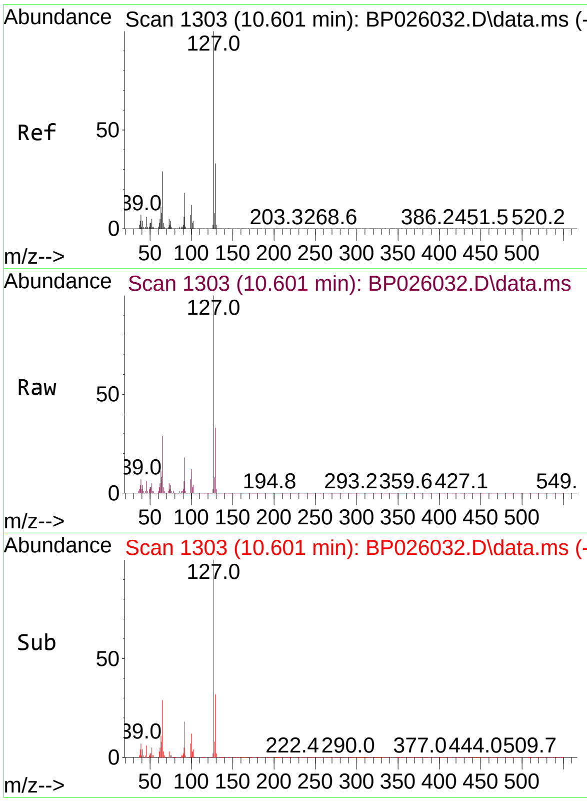
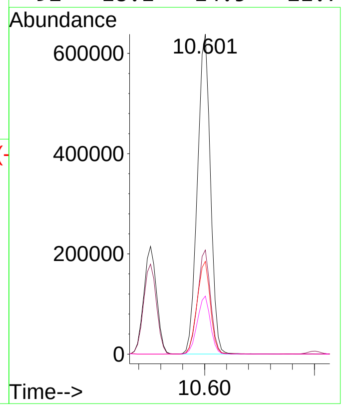
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

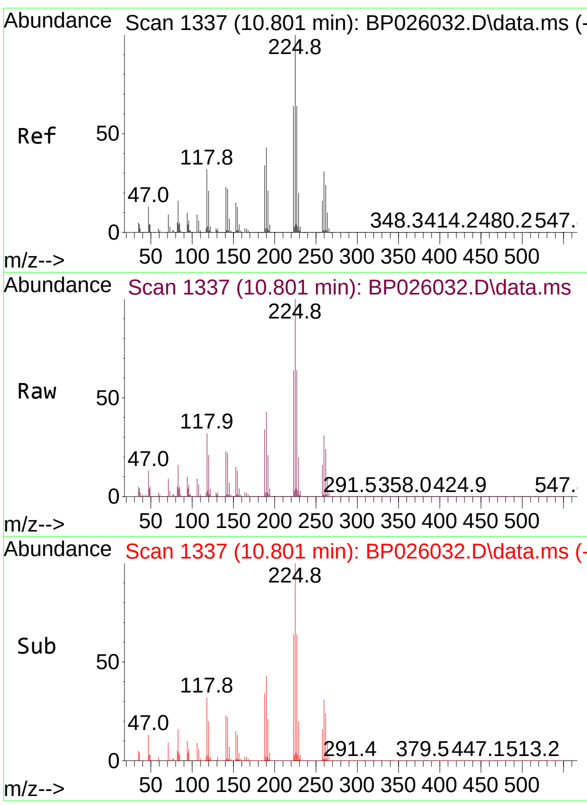


#33
4-Chloroaniline
Concen: 41.701 ng
RT: 10.601 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:127 Resp: 1052918

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	29.0	23.2	34.8
92	18.1	14.5	21.7

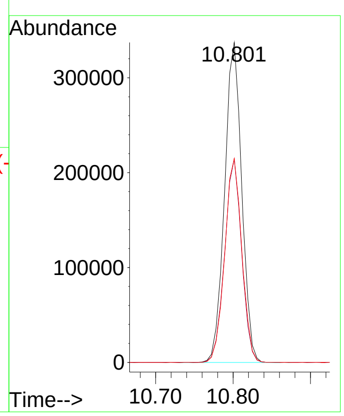




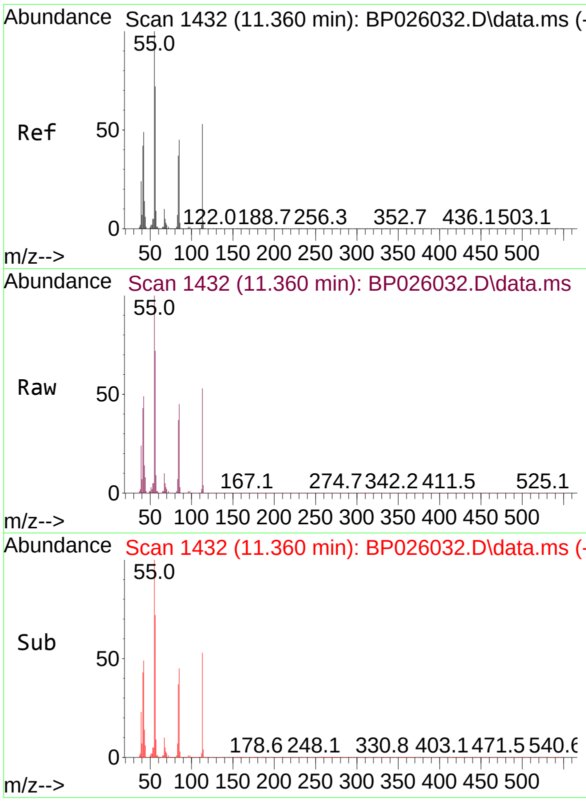
#34
Hexachlorobutadiene
Concen: 41.043 ng
RT: 10.801 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:225 Resp: 520749

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.9	76.3
227	63.7	51.0	76.4

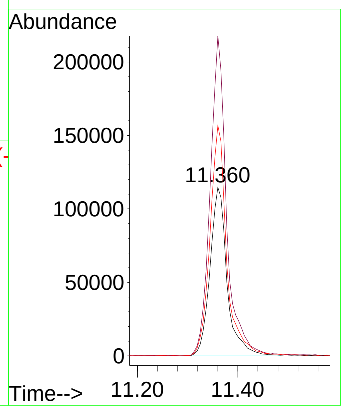


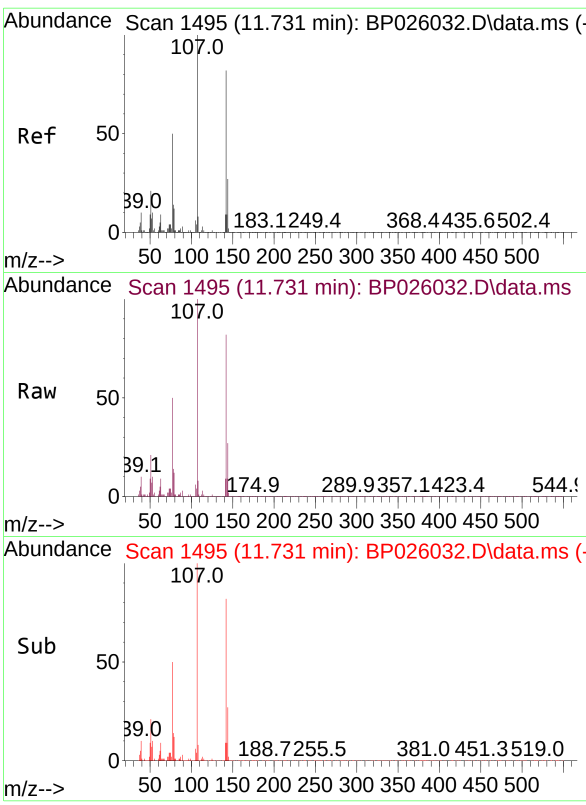
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040




```
#35
Caprolactam
Concen:   42.147 ng
RT:  11.360 min  Scan# 14
Delta R.T.  -0.023 min
Lab File:   BP026032.D
Acq: 29 Oct 2025  12:10

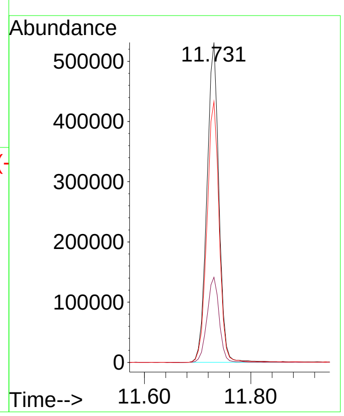
Tgt Ion:113 Resp:  271877
Ion  Ratio  Lower  Upper
113  100
 55  189.9  169.9  209.9
 56  136.7  116.7  156.7
```



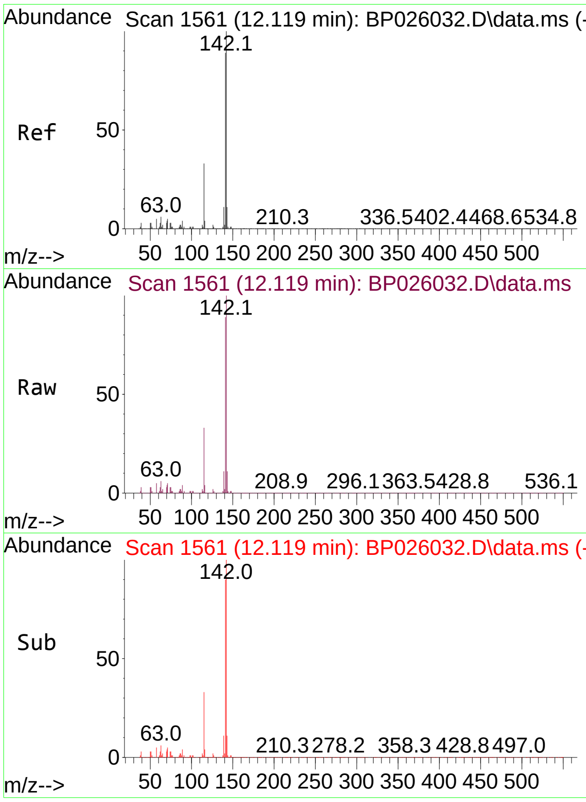



```
#36
4-Chloro-3-methylphenol
Concen:   43.198 ng
RT:  11.731 min  Scan# 1495
Delta R.T.  0.000 min
Lab File:   BP026032.D
Acq: 29 Oct 2025  12:10

Tgt Ion:107 Resp:  831835
Ion  Ratio  Lower  Upper
107  100
144   26.6   21.3   31.9
142   81.5   65.2   97.8
```



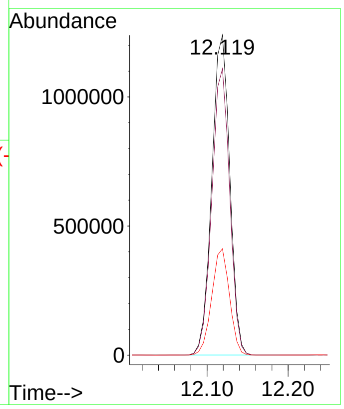
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

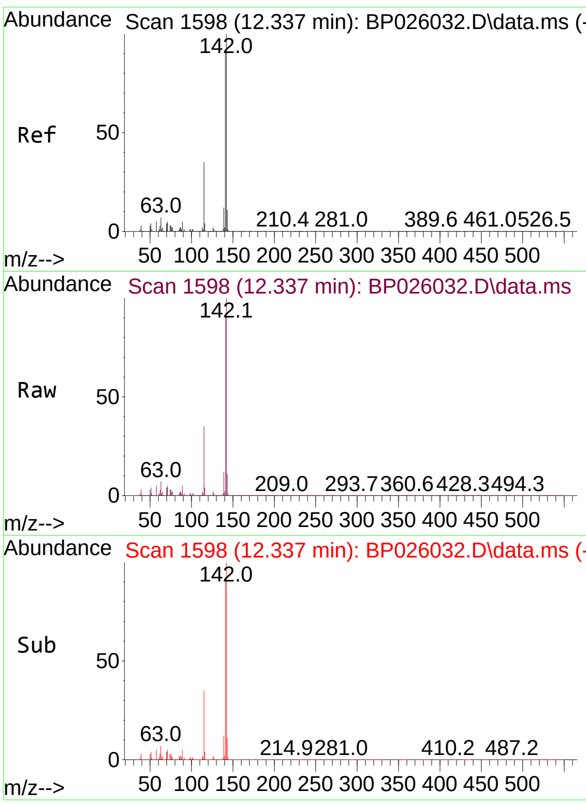


#37
2-Methylnaphthalene
Concen: 41.663 ng
RT: 12.119 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:142 Resp: 1916037

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.6	107.4
115	33.2	26.6	39.8

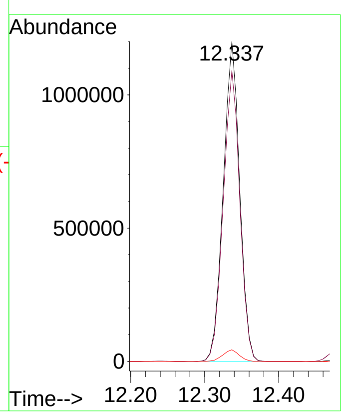


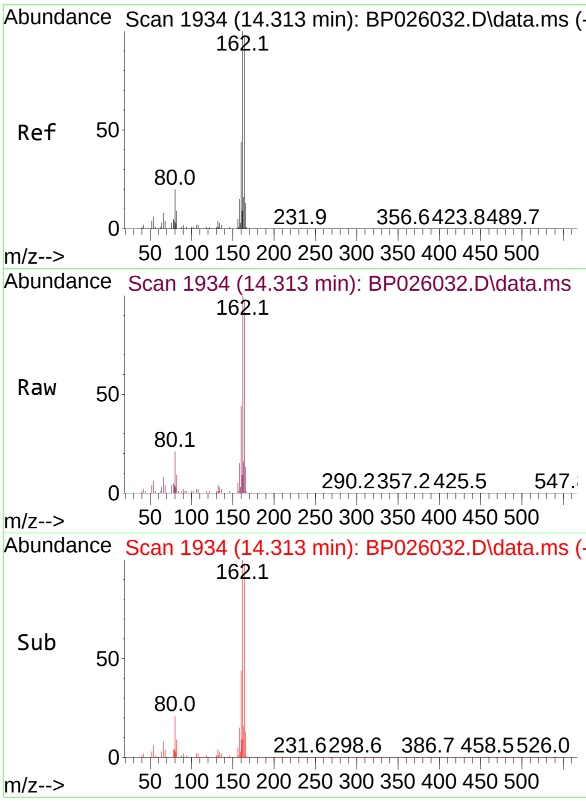


#38
1-Methylnaphthalene
Concen: 41.416 ng
RT: 12.337 min Scan# 1598
Delta R.T. 0.001 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:142 Resp: 1850373

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1
116	3.6	2.9	4.3





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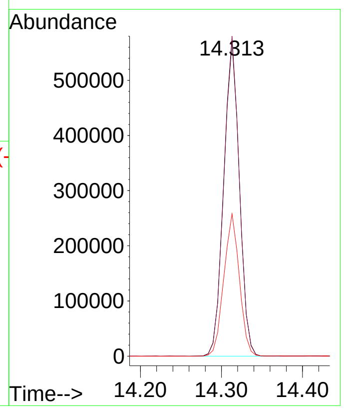
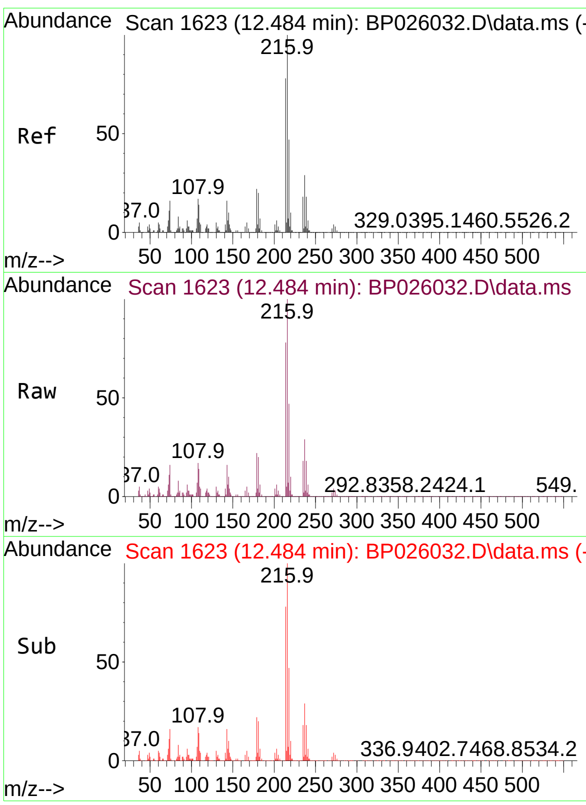
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 764236

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.5	122.3
160	45.3	36.2	54.4

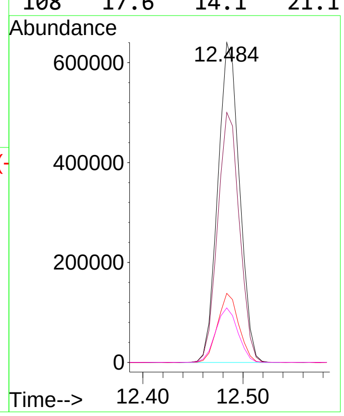




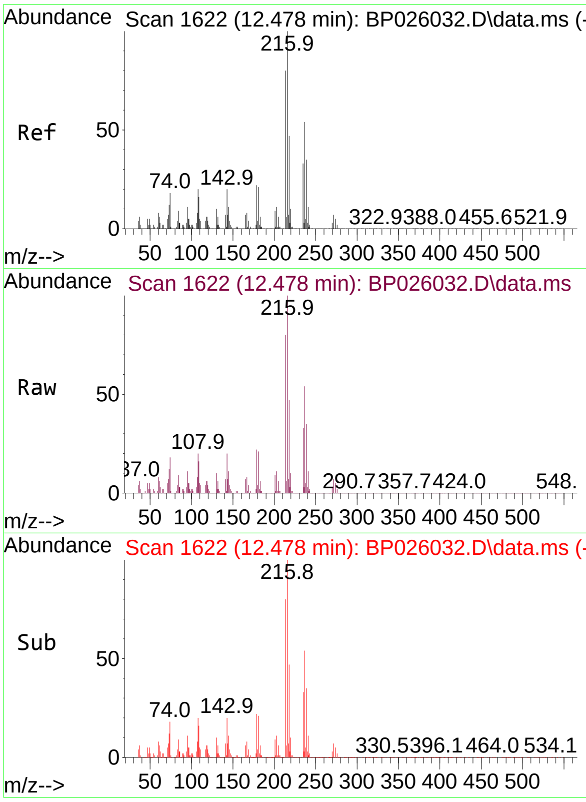
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.707 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:216 Resp: 966620

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.9	94.3
179	21.1	16.9	25.3
108	17.6	14.1	21.1



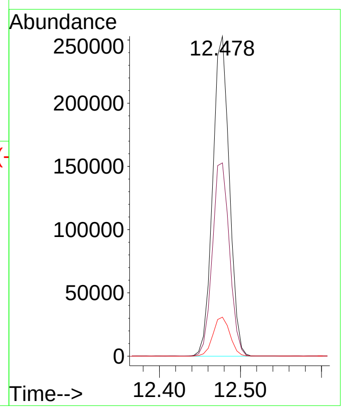
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

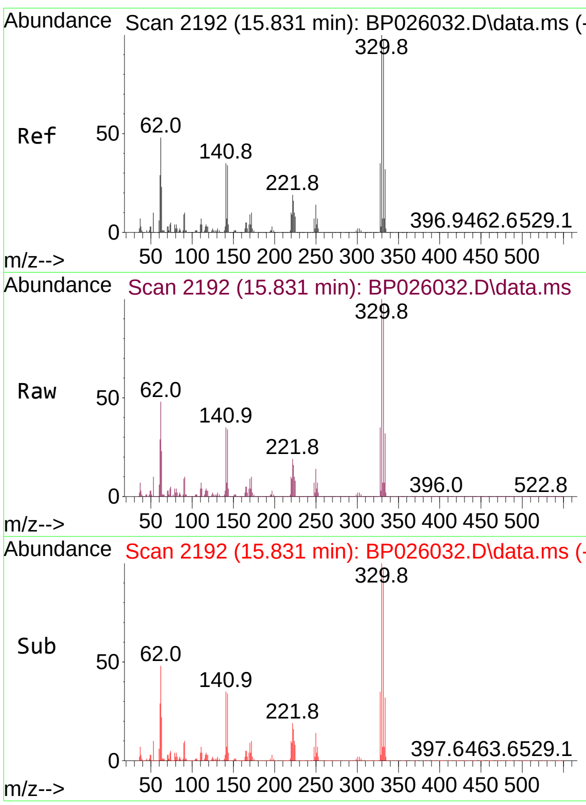


#41
Hexachlorocyclopentadiene
Concen: 41.615 ng
RT: 12.478 min Scan# 16
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:237 Resp: 361557

Ion	Ratio	Lower	Upper
237	100		
235	60.4	40.4	80.4
272	12.2	0.0	32.2

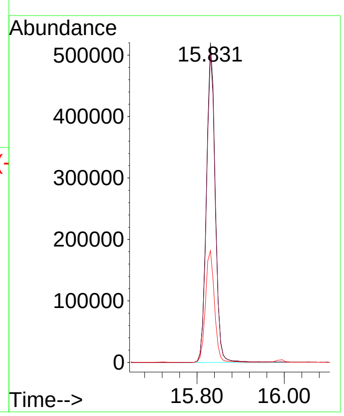




#42
2,4,6-Tribromophenol
Concen: 87.488 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:330 Resp: 722838

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	35.7	28.6	42.8



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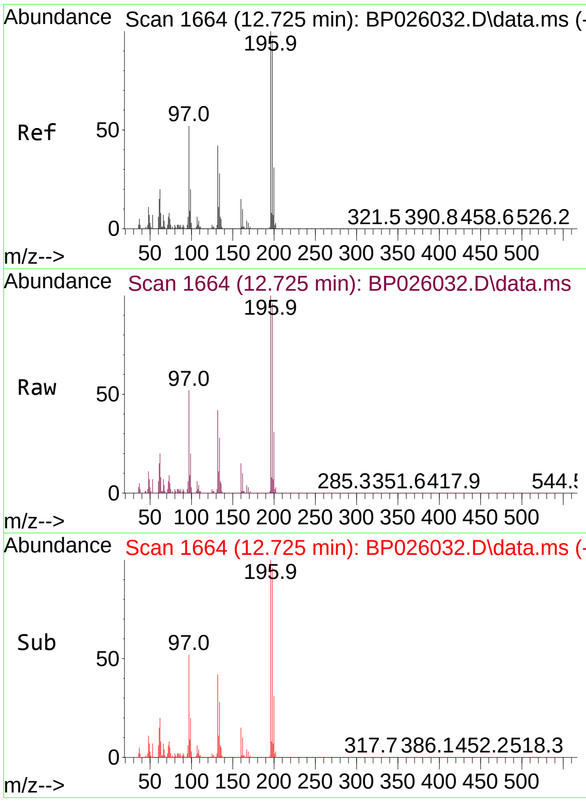
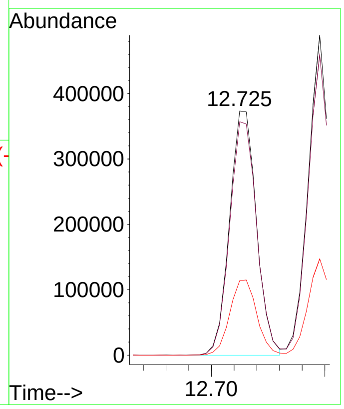
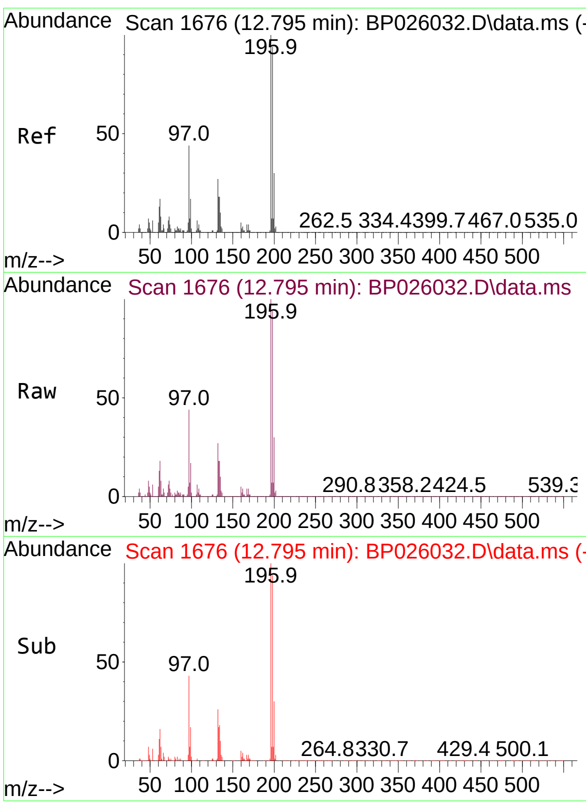
Instrument : BNA_P
ClientSampleId : SSTDICCC040



#43
2,4,6-Trichlorophenol
Concen: 43.748 ng
RT: 12.725 min Scan# 16
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

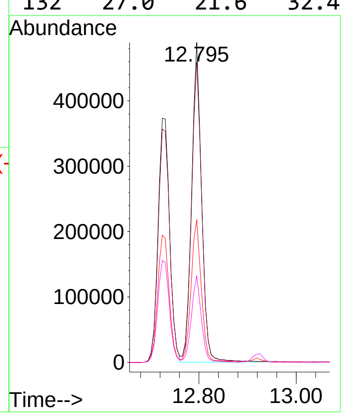
Tgt Ion:196	Resp:	614032	
Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.5	114.7
200	30.5	24.4	36.6



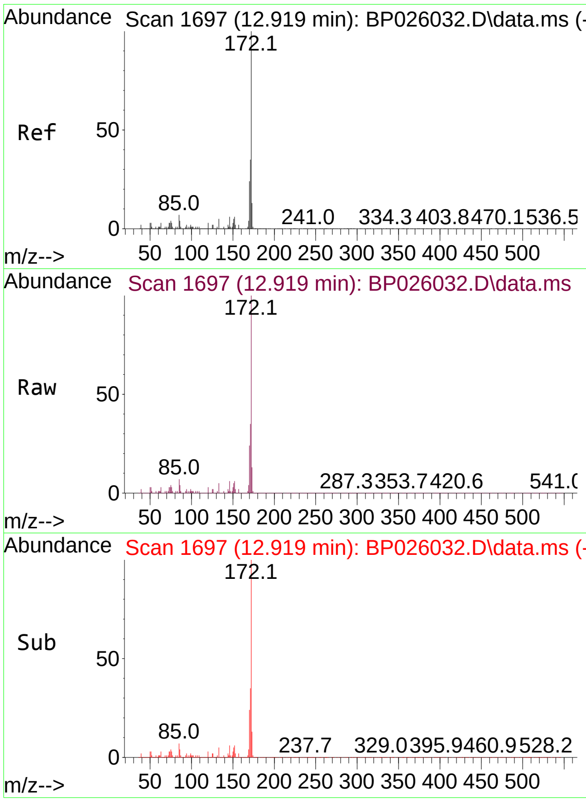


#44
2,4,5-Trichlorophenol
Concen: 43.536 ng
RT: 12.795 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:196	Resp:	697254	
Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.1	112.7
97	44.4	35.5	53.3
132	27.0	21.6	32.4



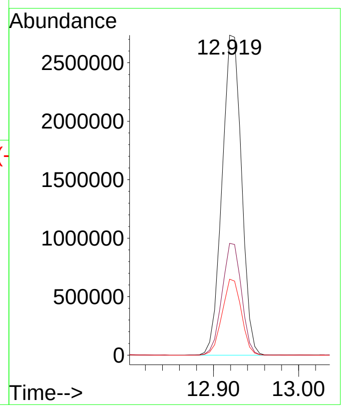
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

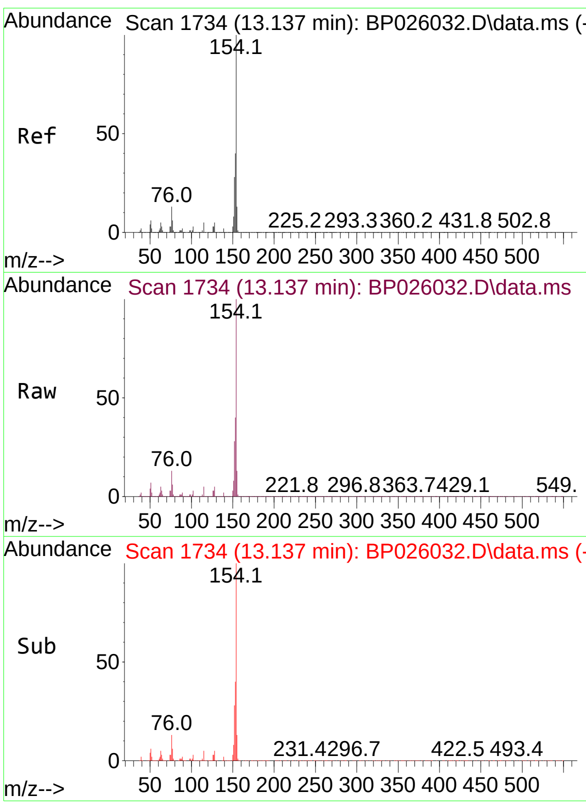


#45
2-Fluorobiphenyl
Concen: 81.651 ng
RT: 12.919 min Scan# 16
Delta R.T. -0.012 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:172 Resp: 4342634

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.7	19.0	28.4

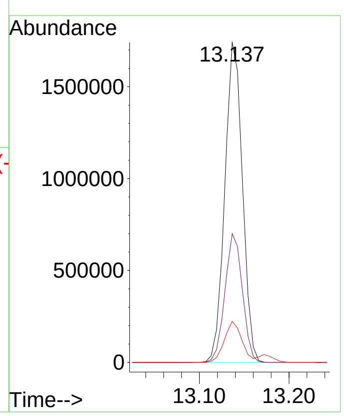




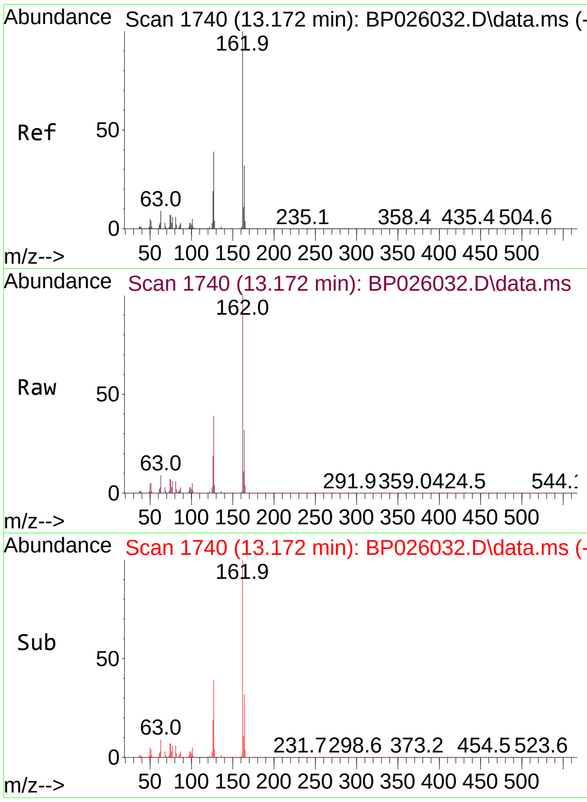
#46
1,1'-Biphenyl
Concen: 40.756 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:154 Resp: 2384975

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	12.8	0.0	32.8



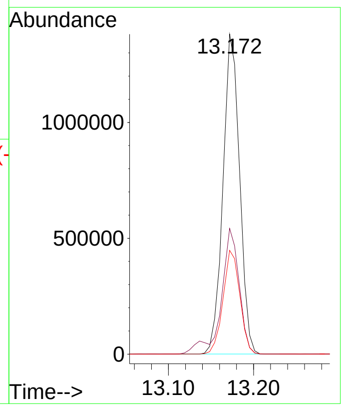
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

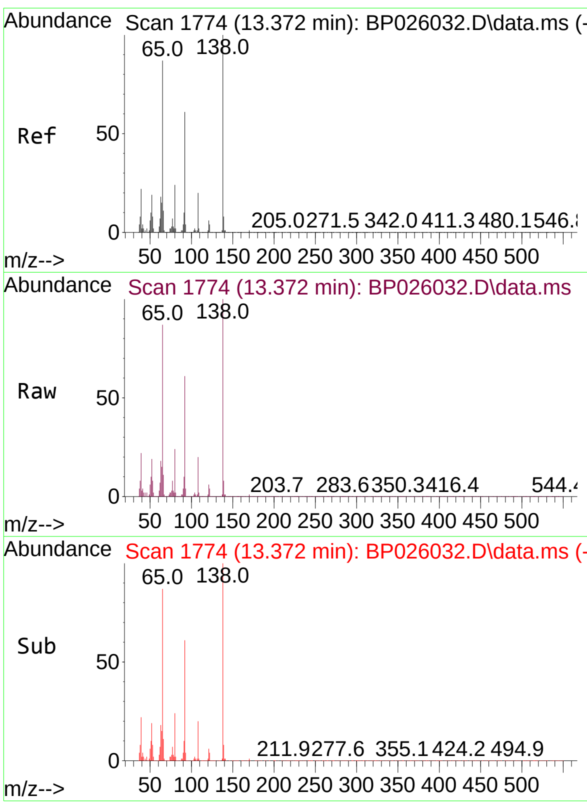


#47
2-Chloronaphthalene
Concen: 40.808 ng
RT: 13.172 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:162 Resp: 1878852

Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.4	47.2
164	32.4	25.9	38.9

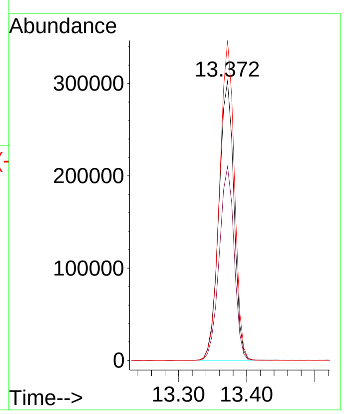




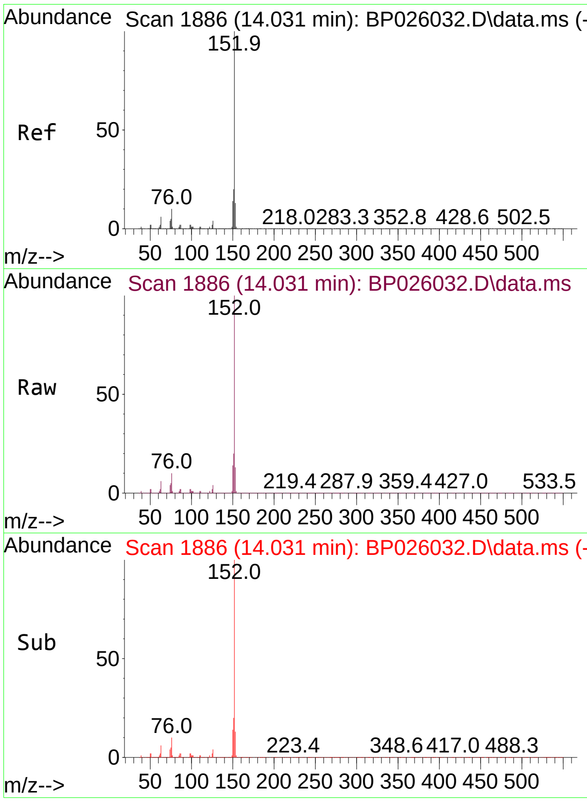
#48
2-Nitroaniline
Concen: 40.401 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 65 Resp: 464490

Ion	Ratio	Lower	Upper
65	100		
92	69.4	55.5	83.3
138	114.6	91.7	137.5



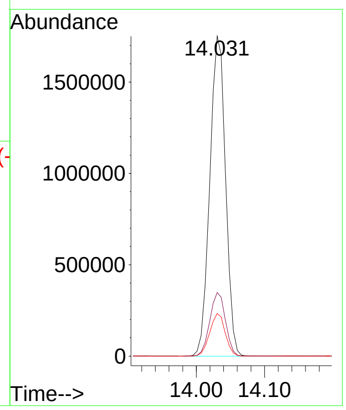
Instrument : BNA_P
ClientSampleId : SSTDICCC040

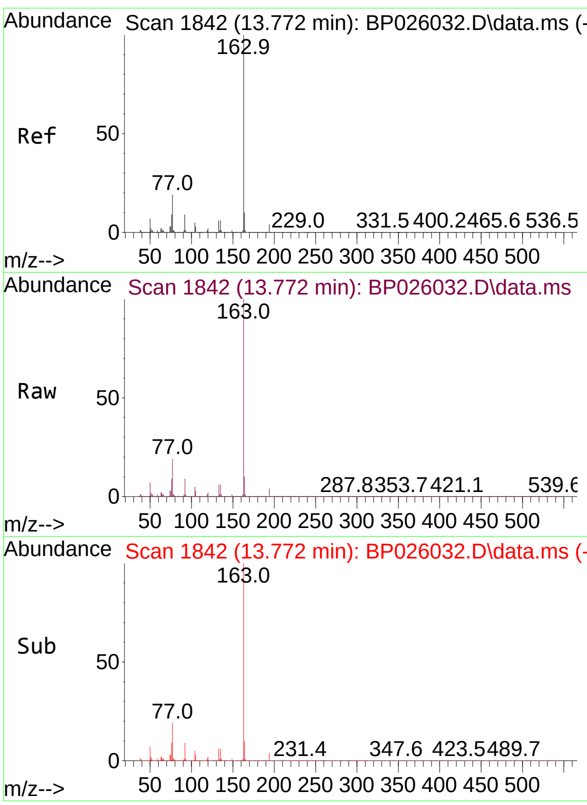


#49
Acenaphthylene
Concen: 41.727 ng
RT: 14.031 min   Scan# 18
Delta R.T.   -0.005 min
Lab File: BP026032.D
Acq: 29 Oct 2025   12:10

Tgt Ion:152 Resp: 2800152

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.3	10.6	16.0

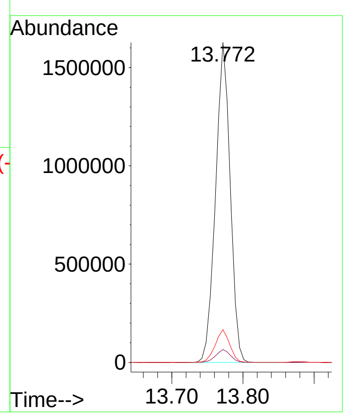




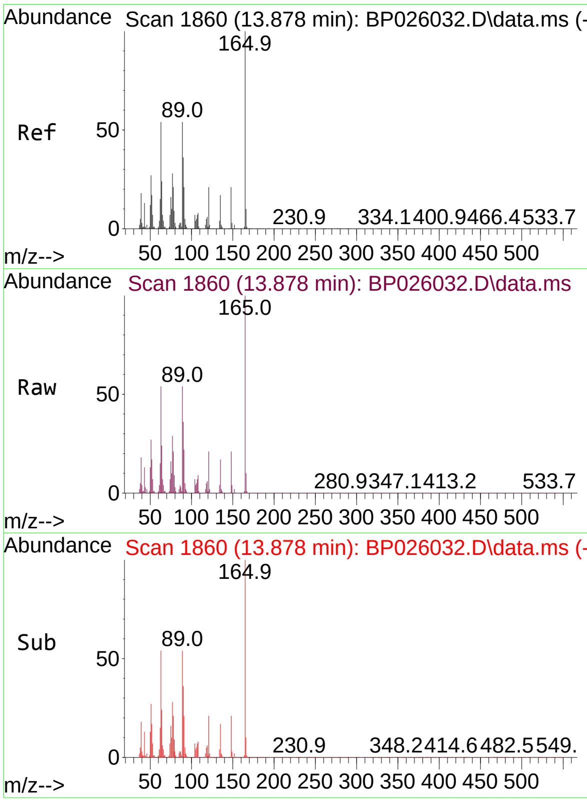
#50
Dimethylphthalate
Concen: 41.854 ng
RT: 13.772 min   Scan# 1842
Delta R.T.   0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025   12:10

Tgt Ion:163 Resp: 2326622

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.2	8.2	12.2



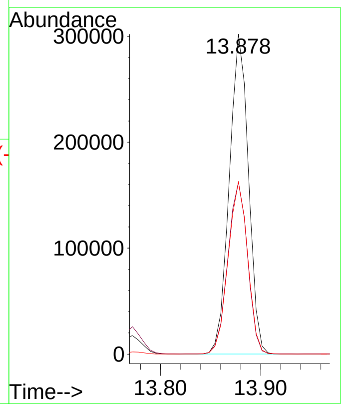
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

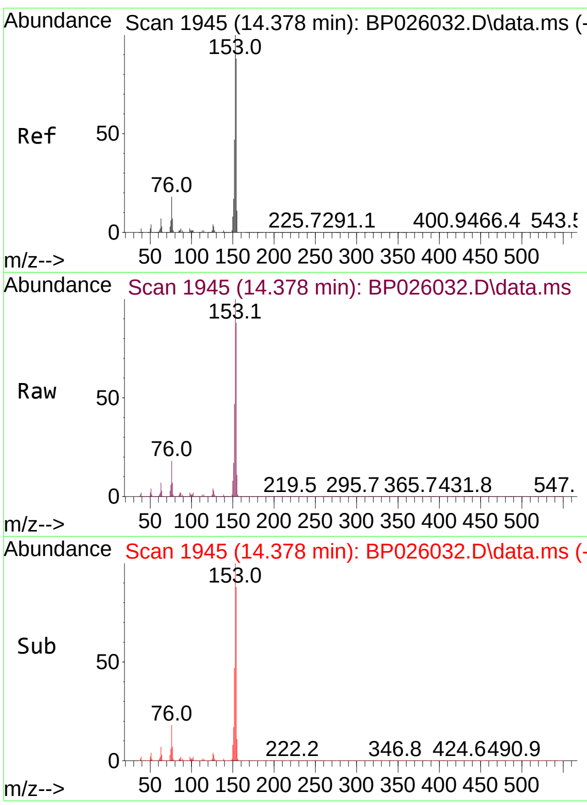


#51
2,6-Dinitrotoluene
Concen: 39.911 ng
RT: 13.878 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:165 Resp: 402854

Ion	Ratio	Lower	Upper
165	100		
63	53.7	43.0	64.4
89	53.7	43.0	64.4

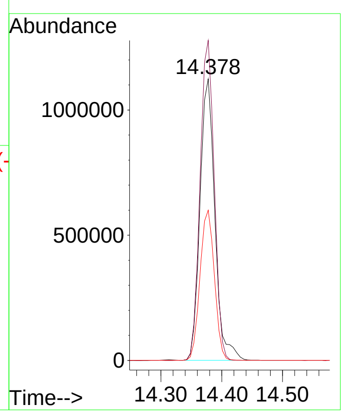




#52
Acenaphthene
Concen: 41.440 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:154 Resp: 1909071

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.0	136.4
152	53.4	42.7	64.1



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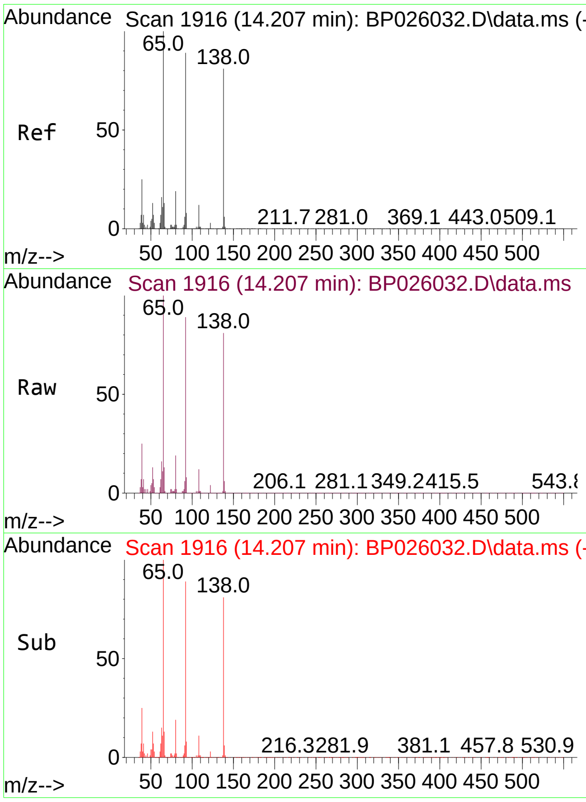
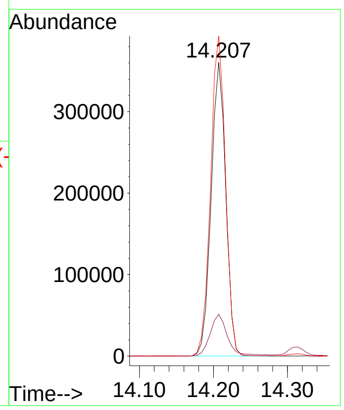
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

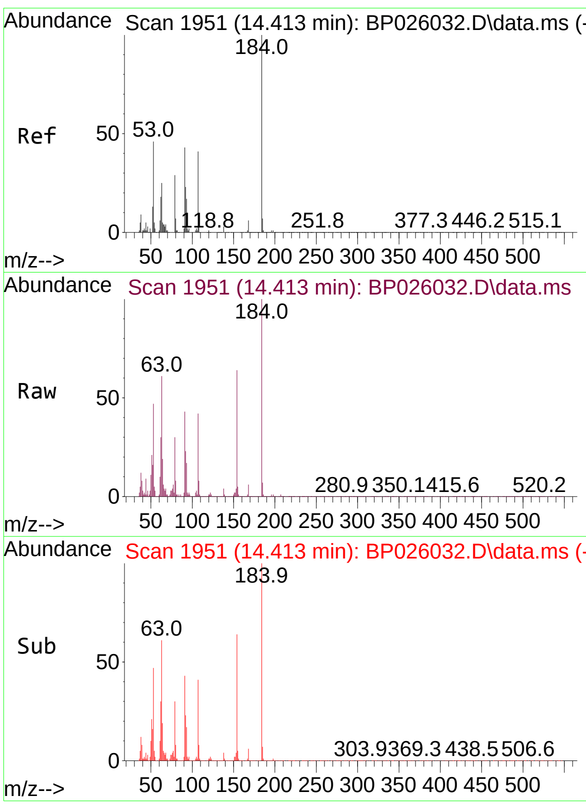


#53
3-Nitroaniline
Concen: 40.022 ng
RT: 14.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:138 Resp: 495409

Ion	Ratio	Lower	Upper
138	100		
108	14.2	11.4	17.0
92	108.9	87.1	130.7

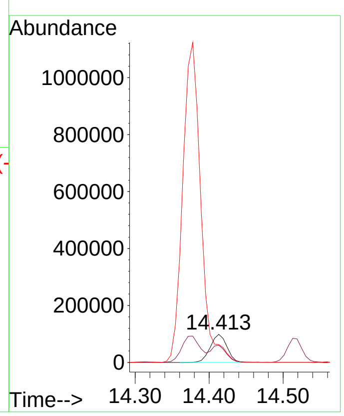




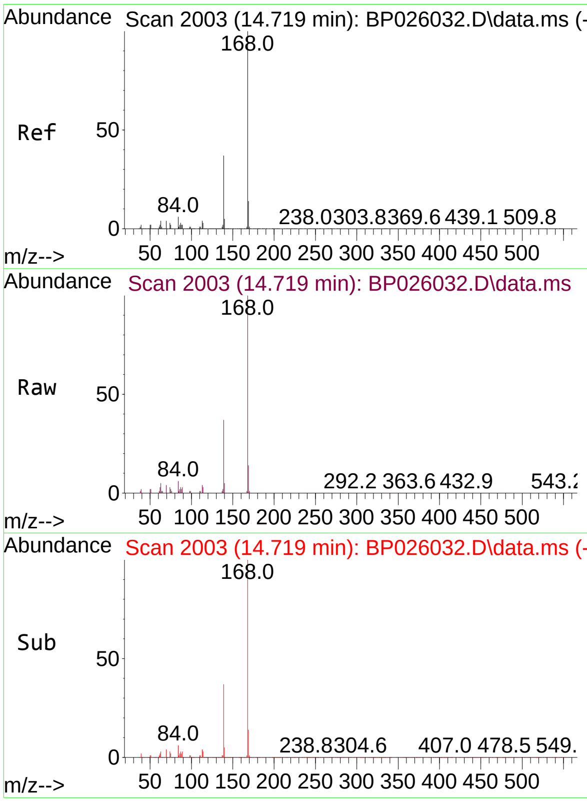
#54
2,4-Dinitrophenol
Concen: 40.475 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:184 Resp: 153212

Ion	Ratio	Lower	Upper
184	100		
63	61.2	49.0	73.4
154	63.8	51.0	76.6



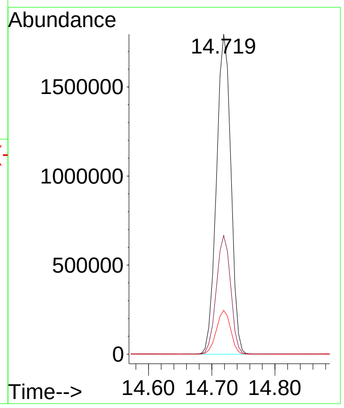
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

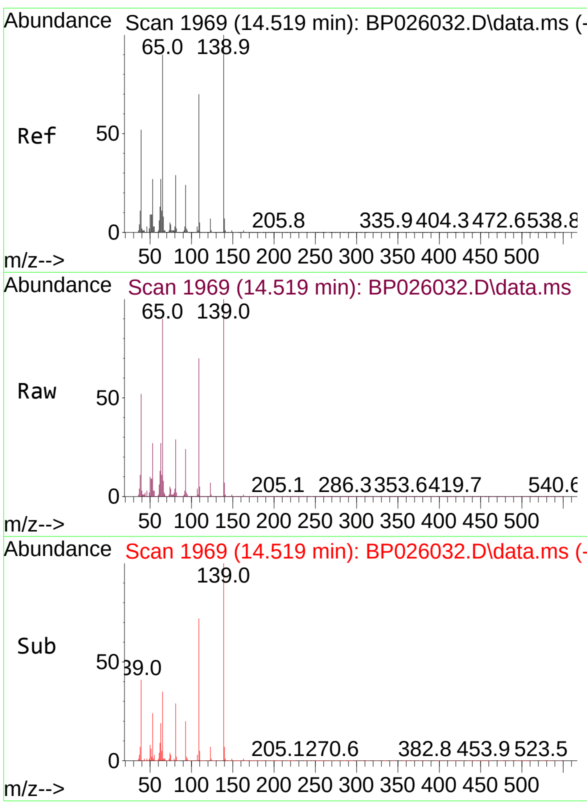


#55
Dibenzofuran
Concen: 41.043 ng
RT: 14.719 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:168 Resp: 2856737

Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.7	44.5
169	13.7	11.0	16.4

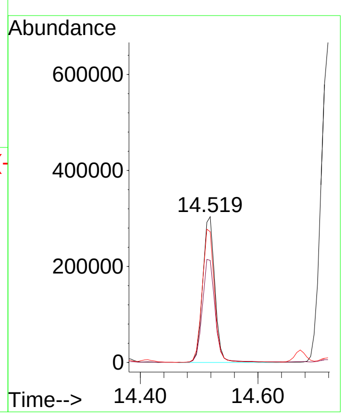




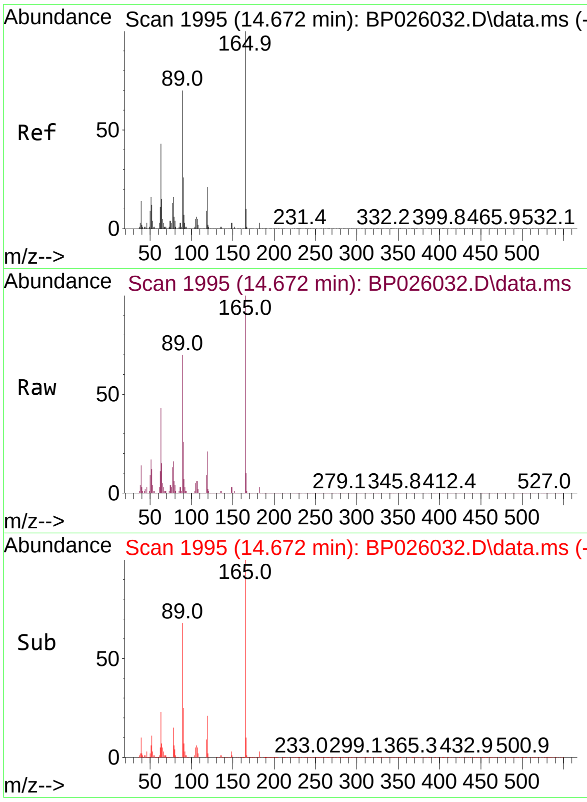
#56
4-Nitrophenol
Concen: 39.340 ng
RT: 14.519 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:139 Resp: 436072

Ion	Ratio	Lower	Upper
139	100		
109	70.0	50.0	90.0
65	89.6	69.6	109.6



ICAL Form

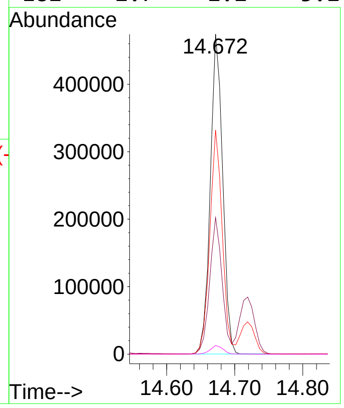


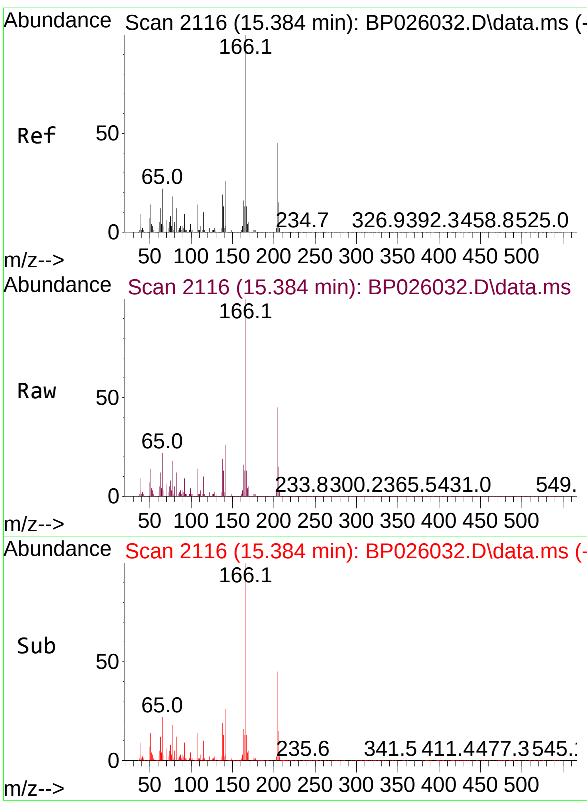
#57
2,4-Dinitrotoluene
Concen: 40.877 ng
RT: 14.672 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 600497

Ion	Ratio	Lower	Upper
165	100		
63	42.7	34.2	51.2
89	70.0	56.0	84.0
182	2.7	2.2	3.2

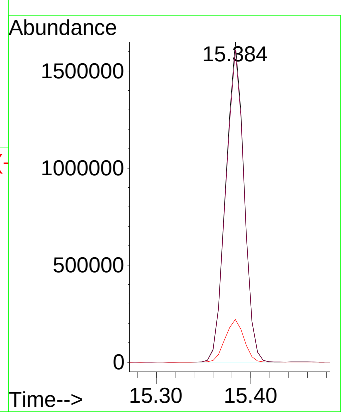




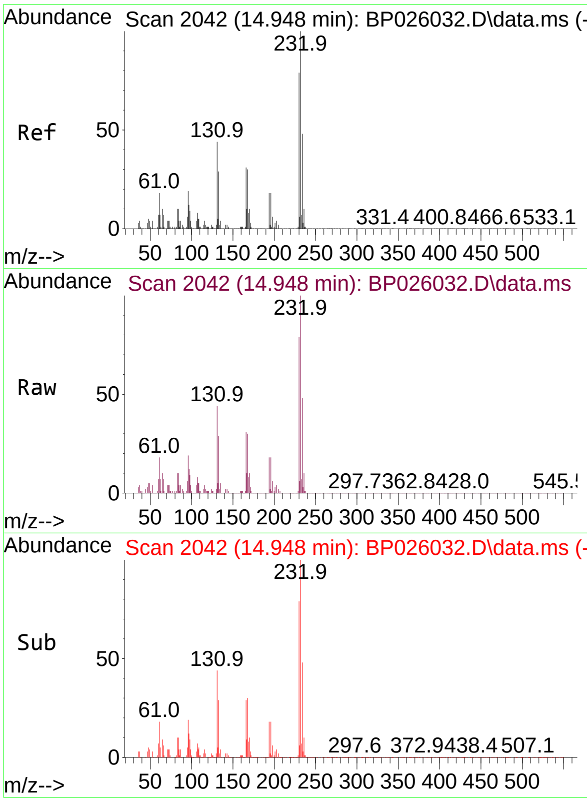
#58
Fluorene
Concen: 40.643 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:166 Resp: 2216283

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.1	117.1
167	13.3	10.6	16.0



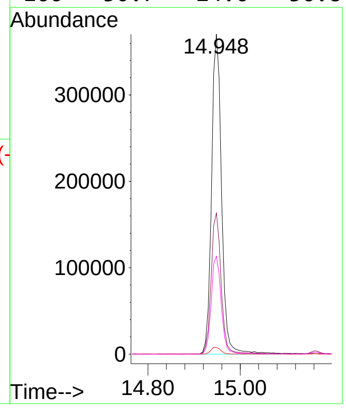
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

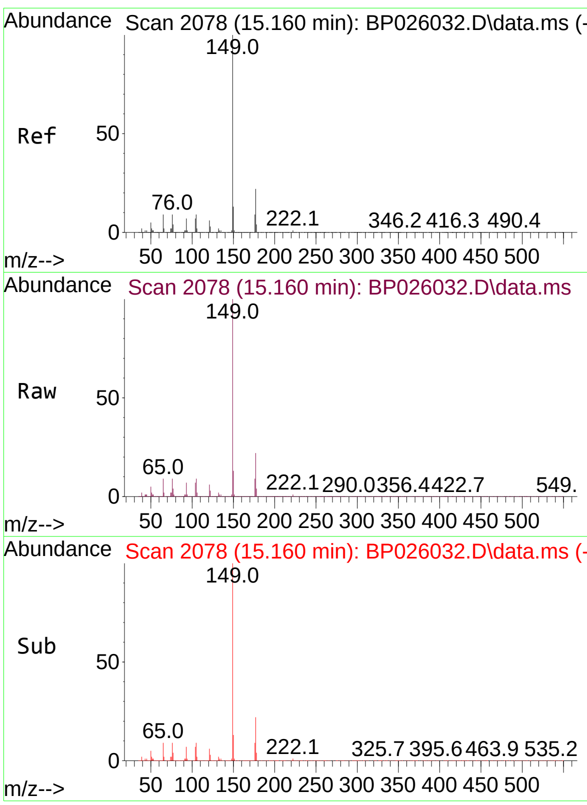


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.213 ng
RT: 14.948 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:232 Resp: 556750

Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.2	52.8
130	2.1	1.7	2.5
166	30.7	24.6	36.8

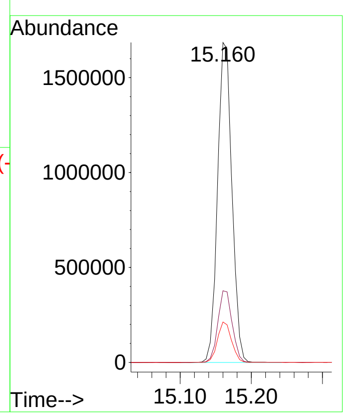




#60
Diethylphthalate
Concen: 42.357 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:149 Resp: 2367180

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.9	26.9
150	12.6	10.1	15.1



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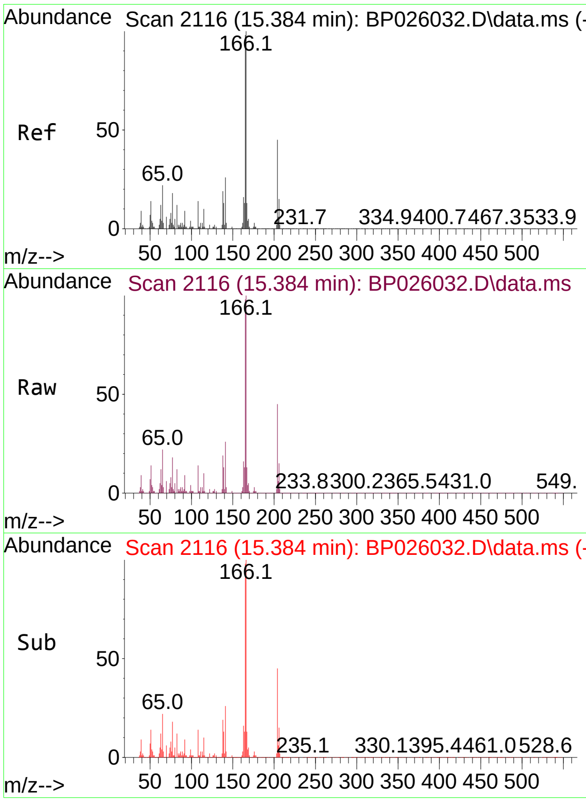
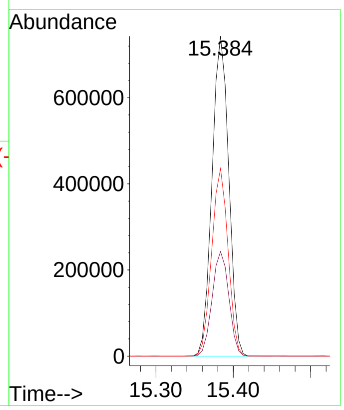
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

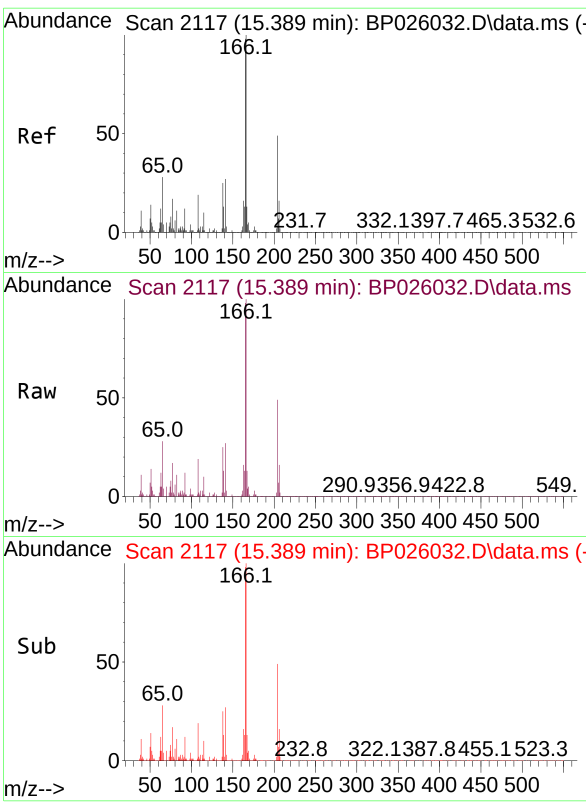


#61
4-Chlorophenyl-phenylether
Concen: 41.008 ng
RT: 15.384 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:204 Resp: 1116700

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	58.7	47.0	70.4

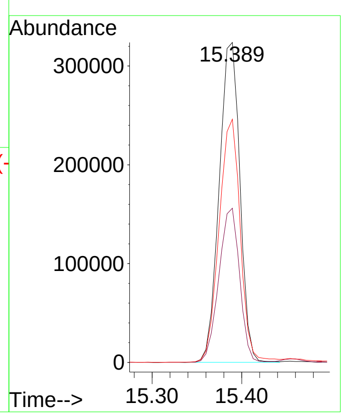




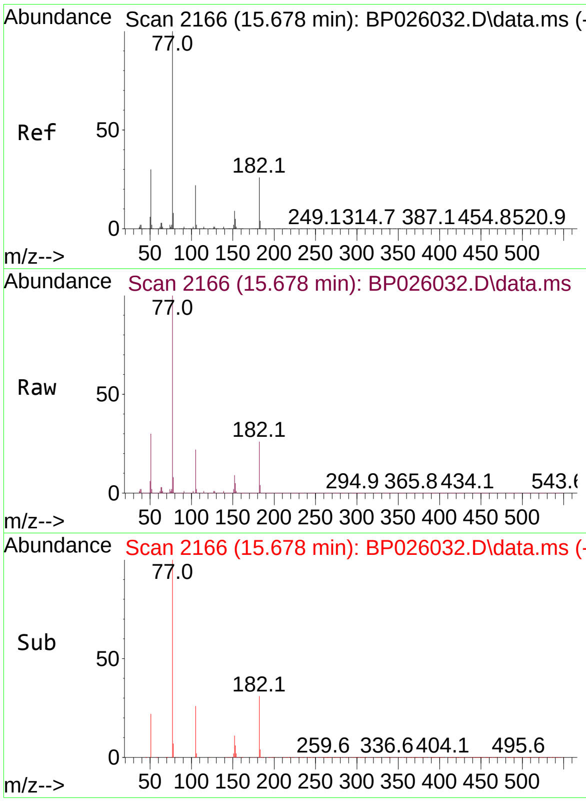
#62
4-Nitroaniline
Concen: 44.005 ng
RT: 15.389 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:138 Resp: 522724

Ion	Ratio	Lower	Upper
138	100		
92	48.2	28.2	68.2
108	76.0	56.0	96.0

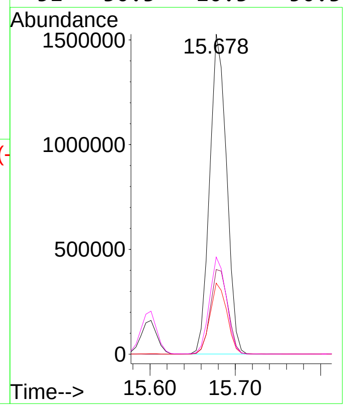


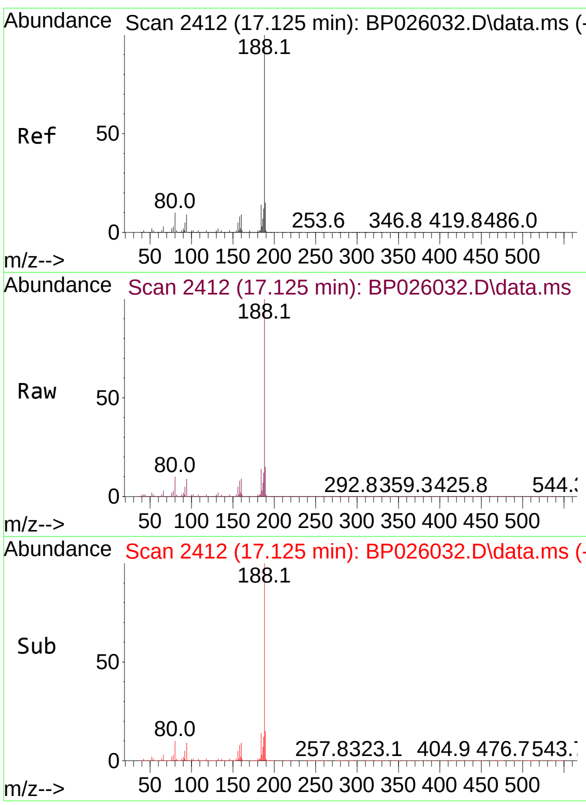
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040




```
#63
Azobenzene
Concen:   41.601 ng
RT:  15.678 min  Scan# 21
Delta R.T.  -0.011 min
Lab File:   BP026032.D
Acq: 29 Oct 2025  12:10

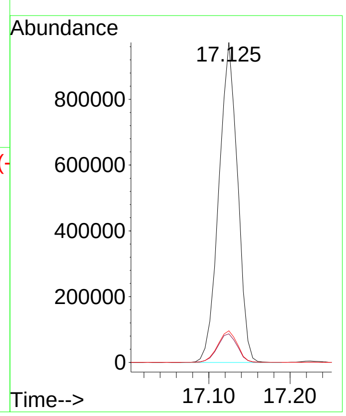
Tgt Ion: 77 Resp: 2107059
Ion  Ratio  Lower  Upper
 77  100
182   26.4    6.4   46.4
105   22.2    2.2   42.2
 51   30.3   10.3   50.3
```



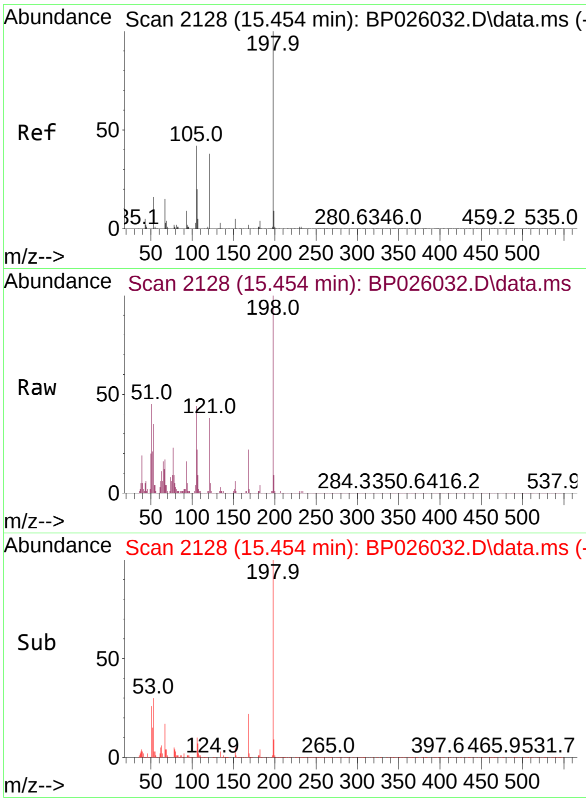



```
#64
Phenanthrene-d10
Concen:   20.000 ng
RT:  17.125 min  Scan# 2412
Delta R.T.  0.000 min
Lab File:   BP026032.D
Acq: 29 Oct 2025  12:10

Tgt Ion:188 Resp: 1555861
Ion  Ratio  Lower  Upper
188  100
 94    8.9    7.1   10.7
 80    9.9    7.9   11.9
```



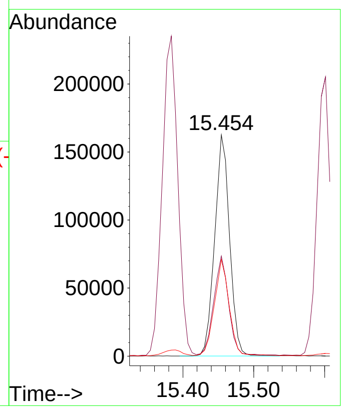
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

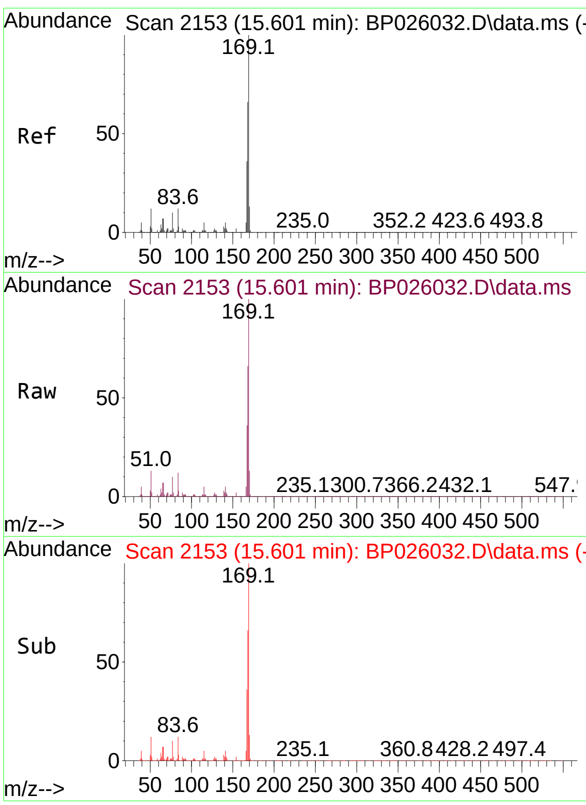


#65
4,6-Dinitro-2-methylphenol
Concen: 39.981 ng
RT: 15.454 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:198 Resp: 237899

Ion	Ratio	Lower	Upper
198	100		
51	45.2	25.2	65.2
105	43.7	23.7	63.7

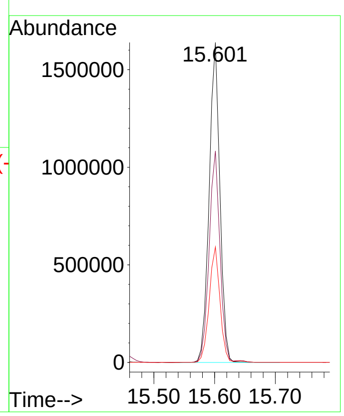




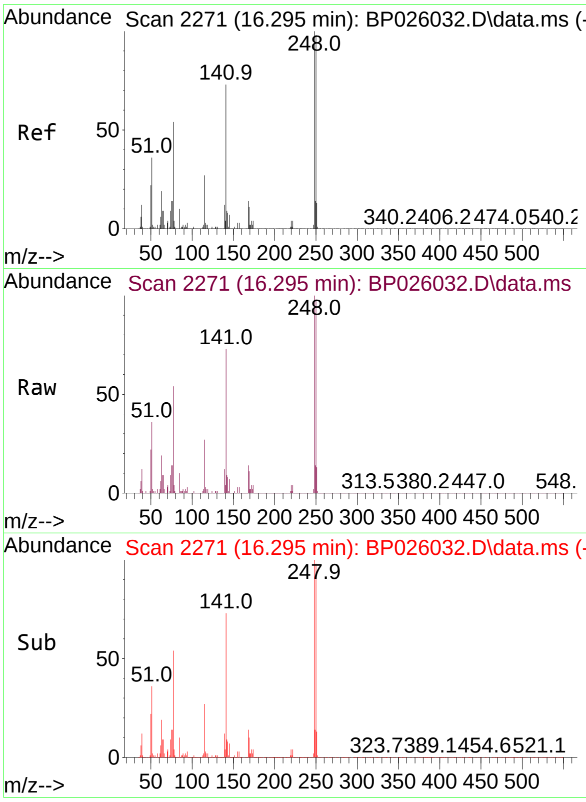
#66
n-Nitrosodiphenylamine
Concen: 41.369 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:169 Resp: 2012448

Ion	Ratio	Lower	Upper
169	100		
168	66.1	52.9	79.3
167	36.1	28.9	43.3



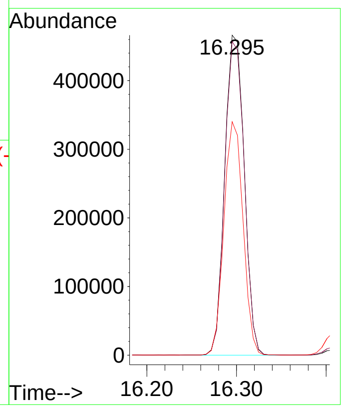
Instrument : BNA_P
ClientSampleId : SSTDICCC040

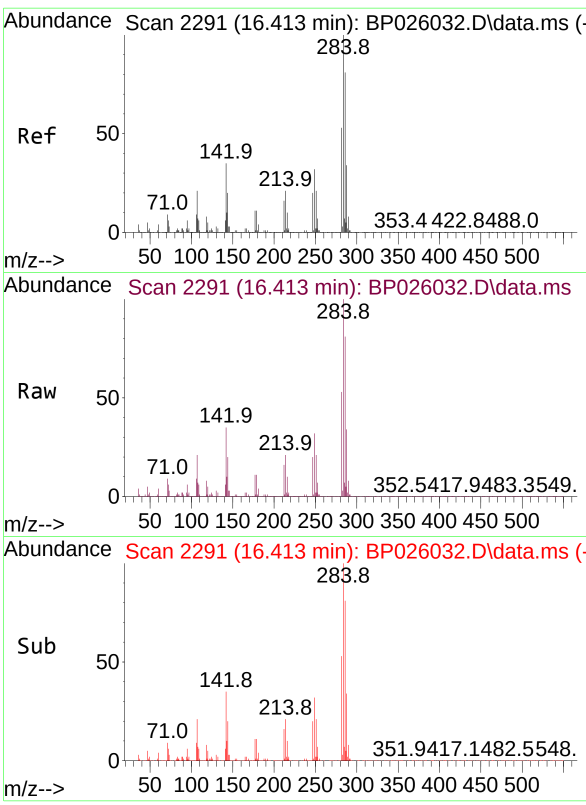


#67
4-Bromophenyl-phenylether
Concen: 41.150 ng
RT: 16.295 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:248 Resp: 710184

Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.4	117.6
141	72.9	58.3	87.5

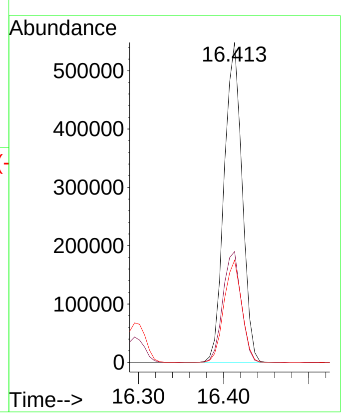




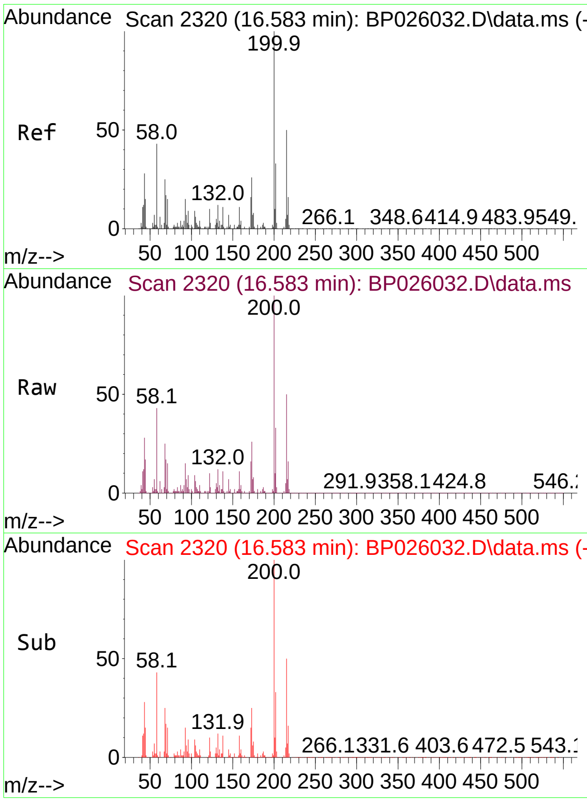
#68
Hexachlorobenzene
Concen: 40.808 ng
RT: 16.413 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:284 Resp: 801740

Ion	Ratio	Lower	Upper
284	100		
142	34.6	27.7	41.5
249	31.9	25.5	38.3



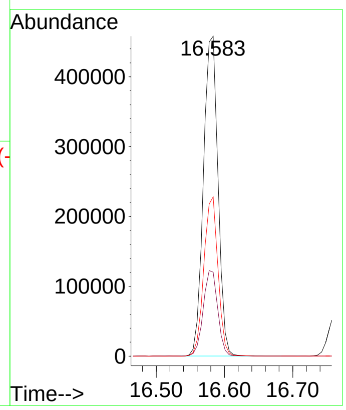
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

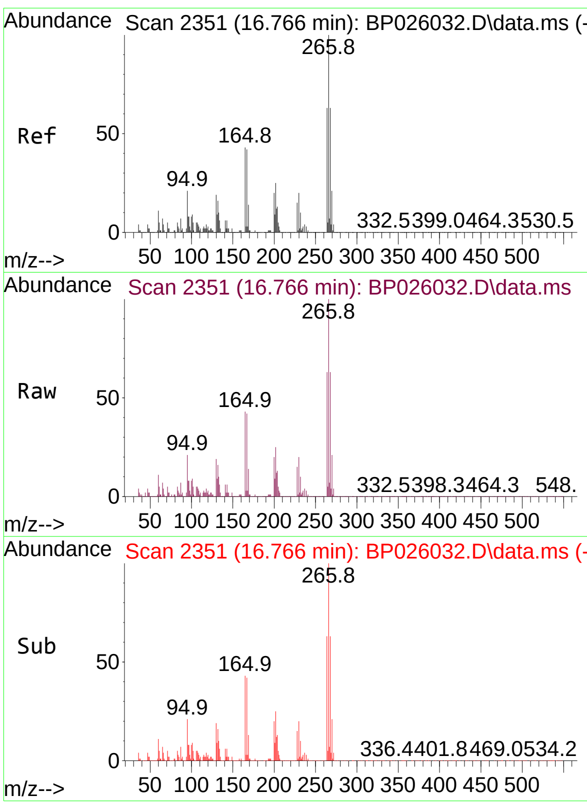


#69
Atrazine
Concen: 41.518 ng
RT: 16.583 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:200 Resp: 681323

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.2	46.2
215	49.8	29.8	69.8

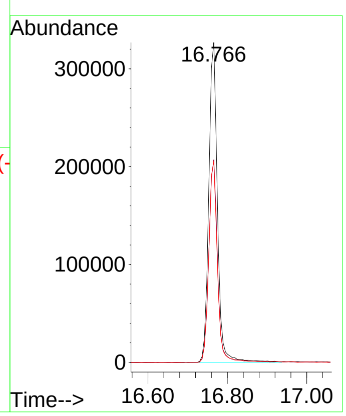




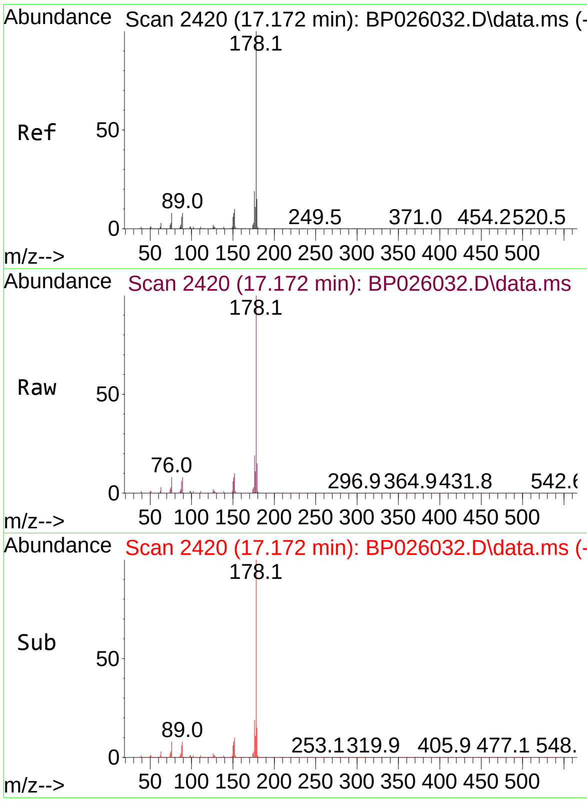
#70
Pentachlorophenol
Concen: 41.647 ng
RT: 16.766 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:266 Resp: 499791

Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.6	76.0
264	62.8	50.2	75.4



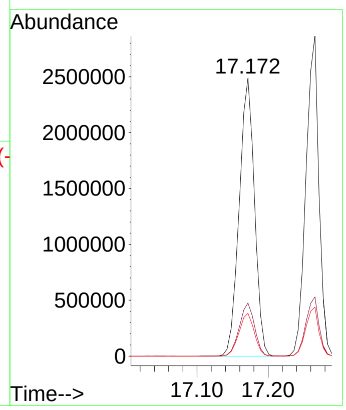
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

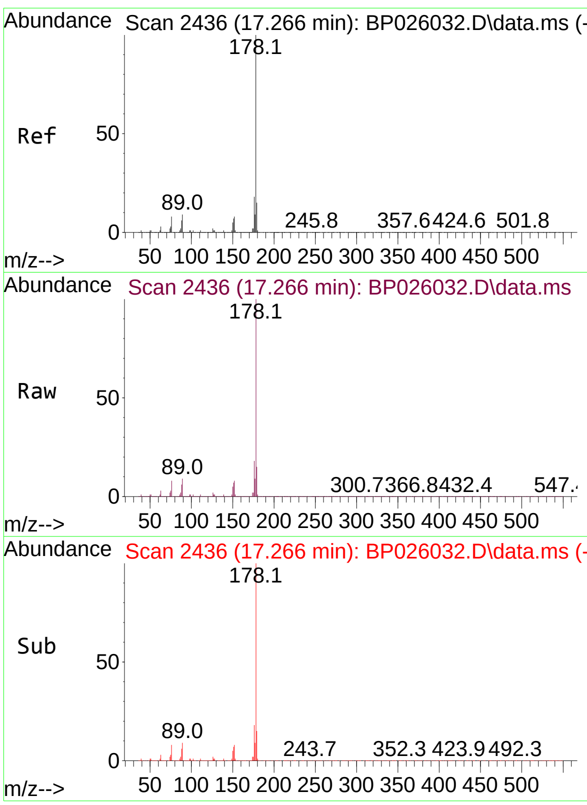


#71
Phenanthrene
Concen: 40.848 ng
RT: 17.172 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:178 Resp: 3699137

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.4	12.3	18.5

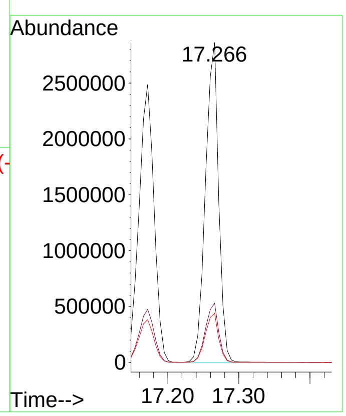




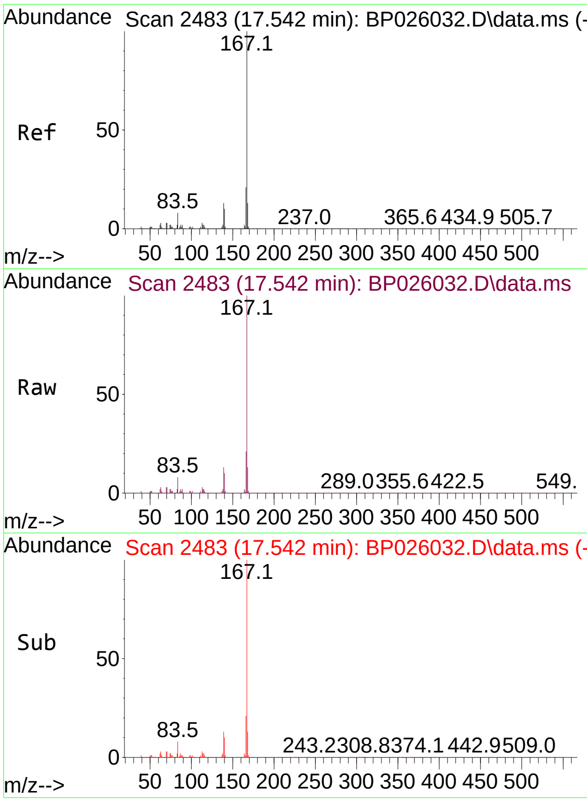
#72
Anthracene
Concen: 40.790 ng
RT: 17.266 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:178 Resp: 3661573

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.3	12.2	18.4



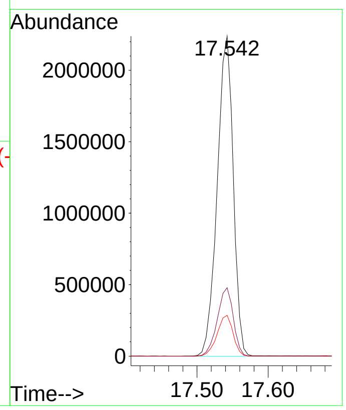
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

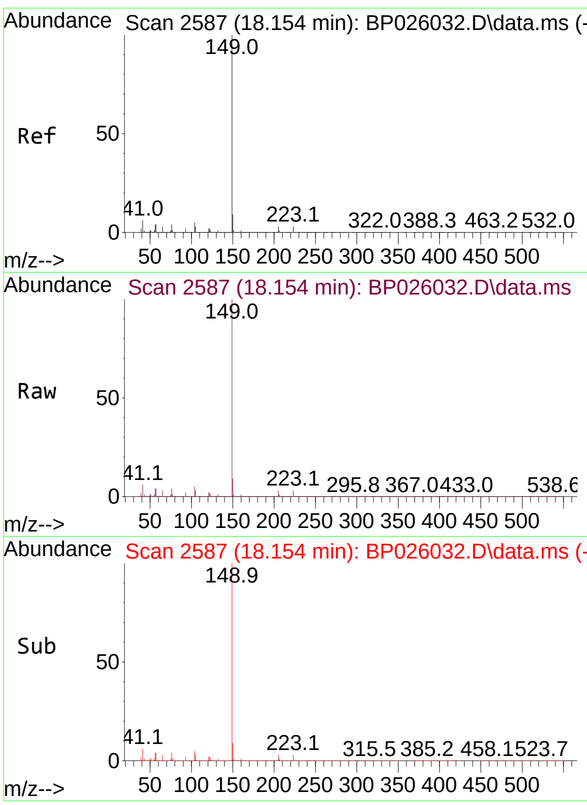


#73
Carbazole
Concen: 41.351 ng
RT: 17.542 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:167 Resp: 3513761

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.7	10.2	15.2

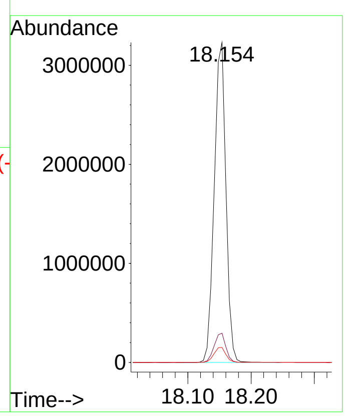




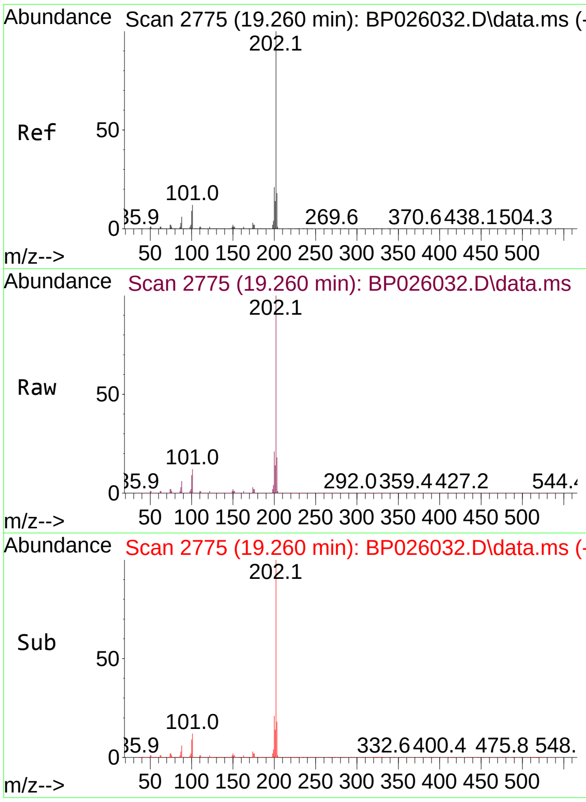
#74
Di-n-butylphthalate
Concen: 43.610 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:149 Resp: 4146570

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.7	3.8	5.6

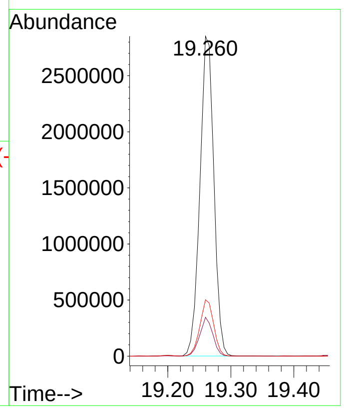


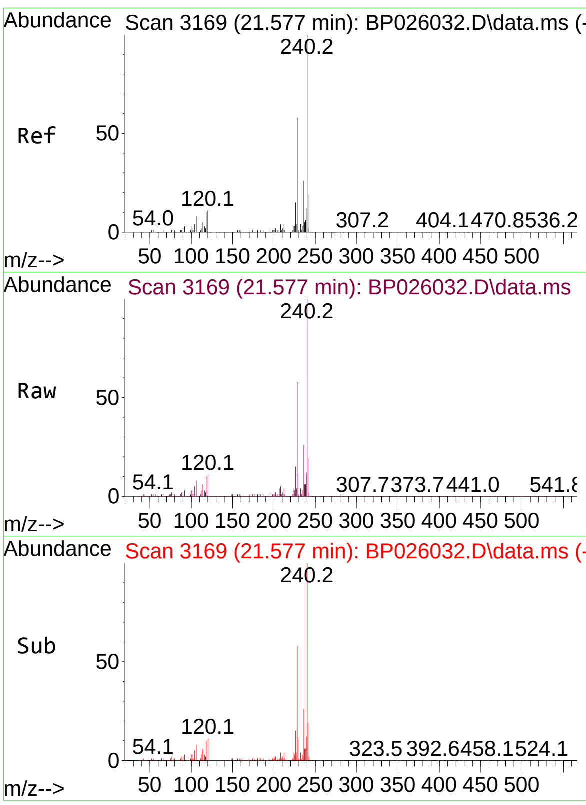
Instrument : BNA_P
ClientSampleId : SSTDICCC040




```
#75
Fluoranthene
Concen:   41.552 ng
RT:  19.260 min  Scan# 2
Delta R.T.  0.000 min
Lab File:   BP026032.D
Acq: 29 Oct 2025  12:10

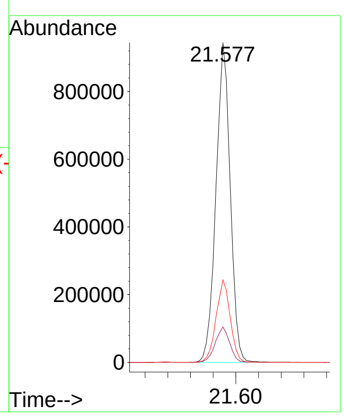
Tgt Ion:202 Resp: 4389430
Ion  Ratio  Lower  Upper
202  100
101   12.1    0.0   32.1
203   17.6    0.0   37.6
```



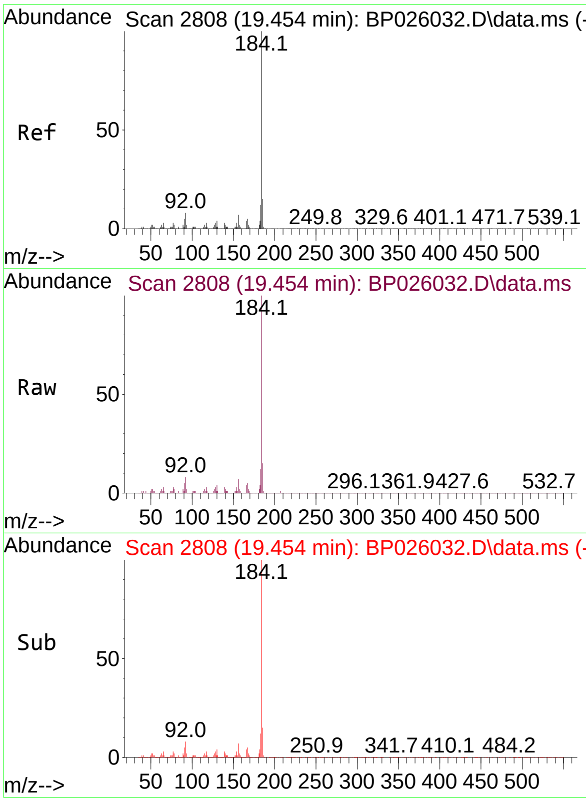



```
#76
Chrysene-d12
Concen:   20.000 ng
RT:  21.577 min  Scan# 3169
Delta R.T.  0.012 min
Lab File:   BP026032.D
Acq: 29 Oct 2025  12:10

Tgt Ion:240 Resp: 1646604
Ion  Ratio  Lower  Upper
240  100
120   11.1    8.9   13.3
236   25.8   20.6   31.0
```



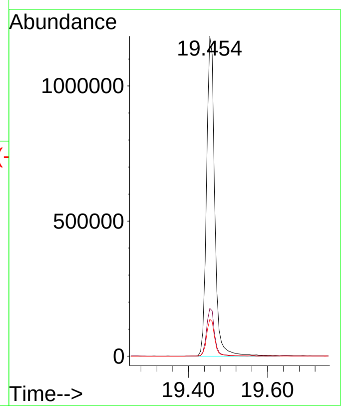
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

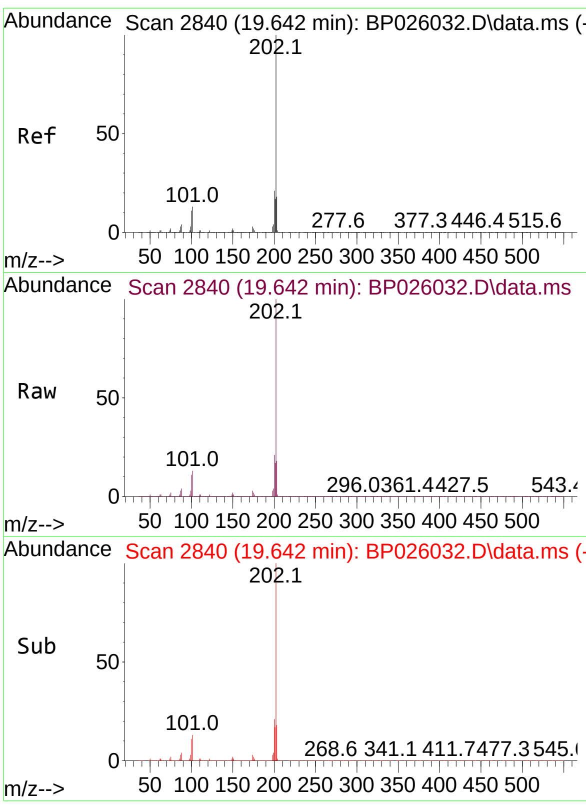


#77
Benzidine
Concen: 40.744 ng
RT: 19.454 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:184 Resp: 1702883

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.9	17.9
183	11.5	9.2	13.8

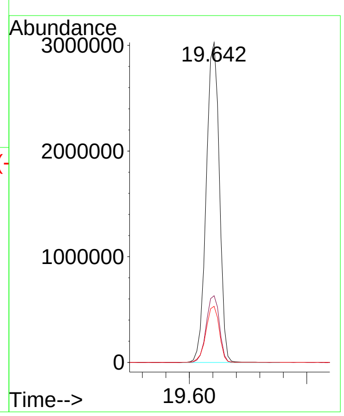




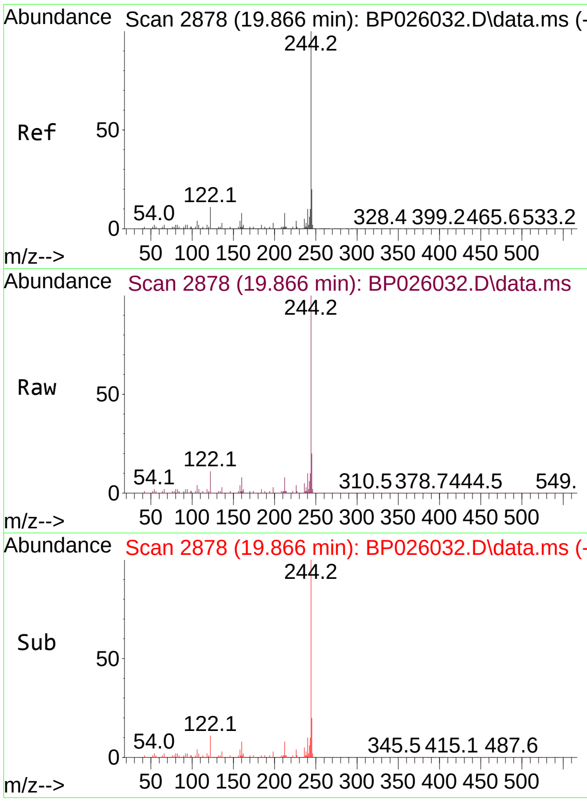
#78
Pyrene
Concen: 42.194 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:202 Resp: 4699012

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.5	14.0	21.0



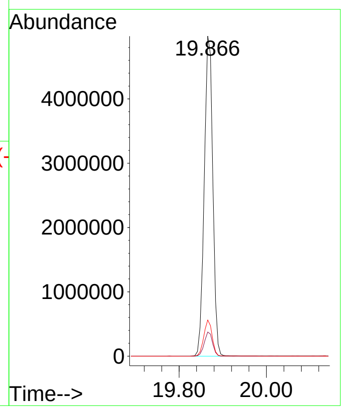
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

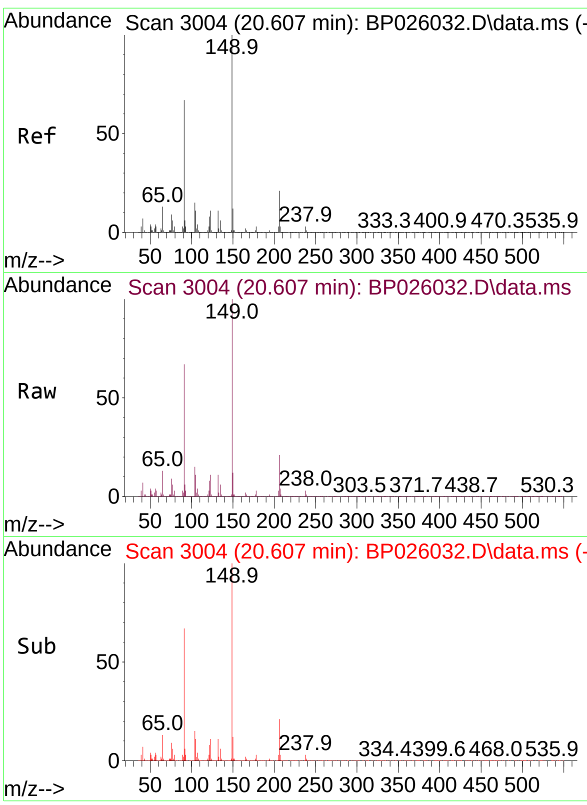


#79
Terphenyl-d14
Concen: 82.377 ng
RT: 19.866 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:244 Resp: 6676375

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	11.3	9.0	13.6

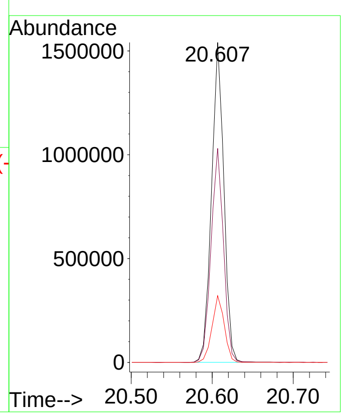




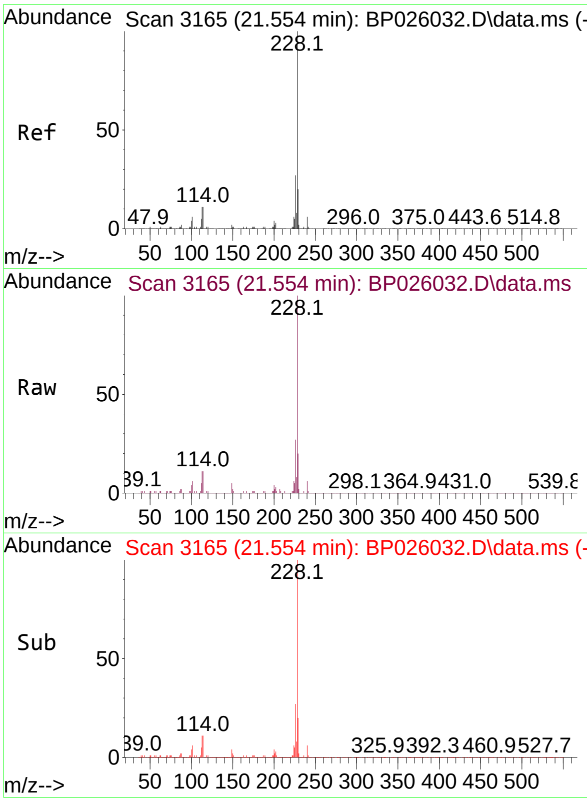
#80
Butylbenzylphthalate
Concen: 39.905 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:149 Resp: 1633601

Ion	Ratio	Lower	Upper
149	100		
91	66.9	53.5	80.3
206	20.8	16.6	25.0



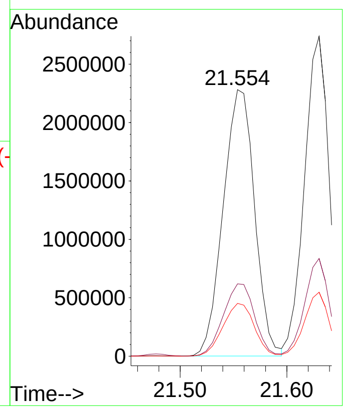
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

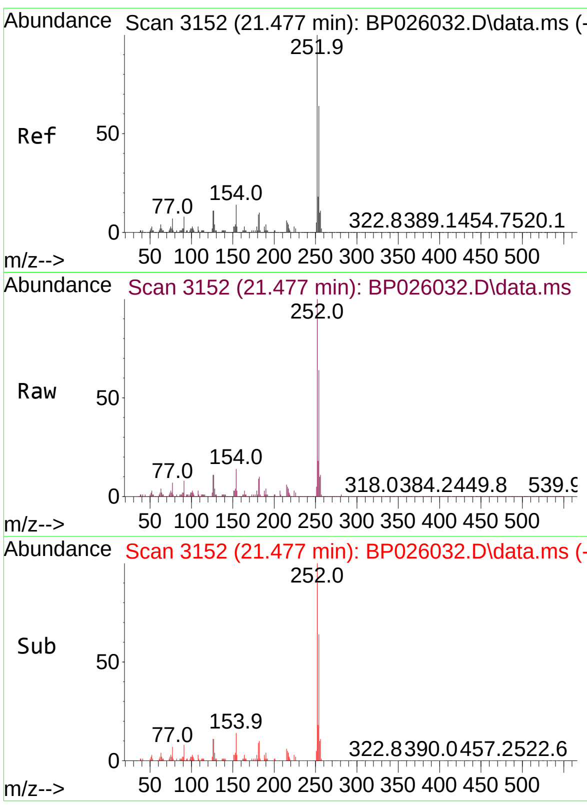


#81
Benzo(a)anthracene
Concen: 41.317 ng
RT: 21.554 min   Scan# 31
Delta R.T.   0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025   12:10

Tgt Ion:228 Resp: 4675082

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.8	15.8	23.8

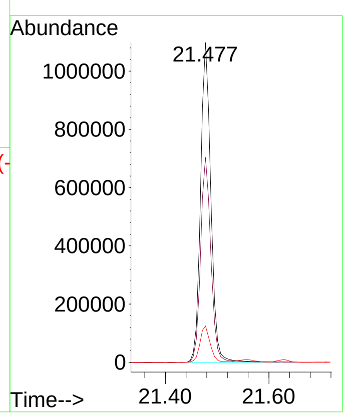




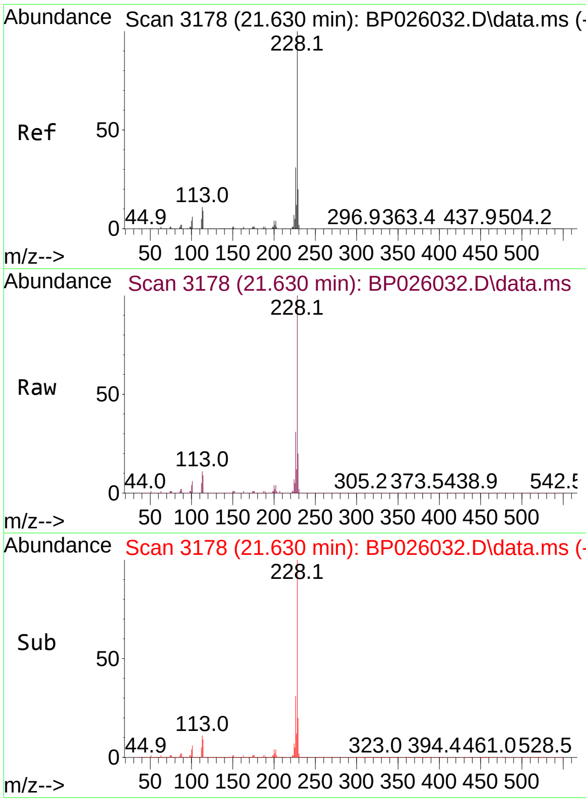
#82
3,3'-Dichlorobenzidine
Concen: 41.695 ng
RT: 21.477 min   Scan# 3152
Delta R.T.   0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025   12:10

Tgt Ion:252 Resp: 1520065

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	11.4	9.1	13.7



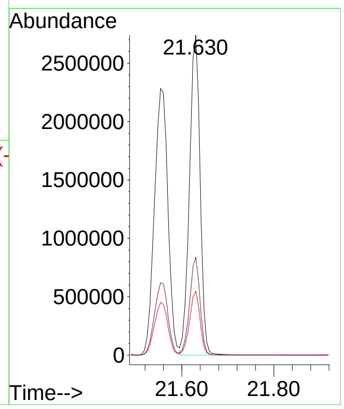
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

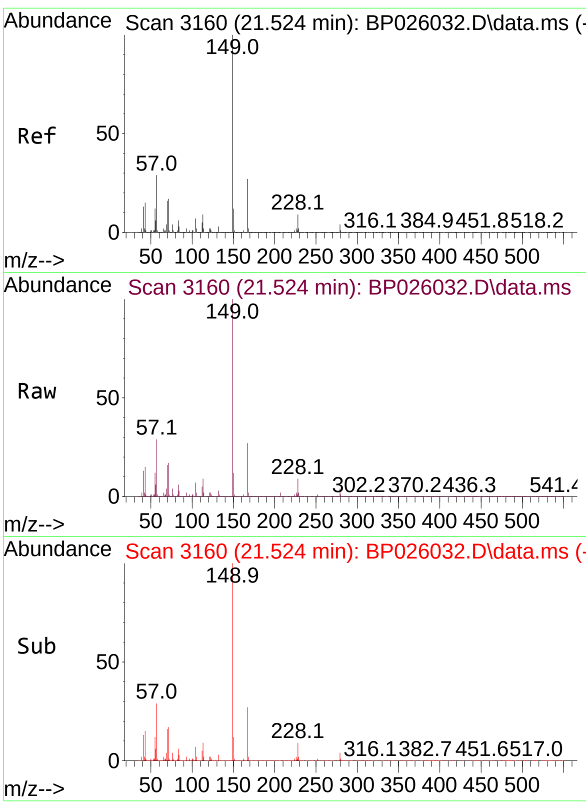


#83
Chrysene
Concen: 41.334 ng
RT: 21.630 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:228 Resp: 4430345

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.0	16.0	24.0

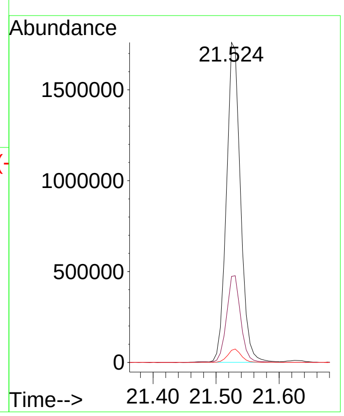




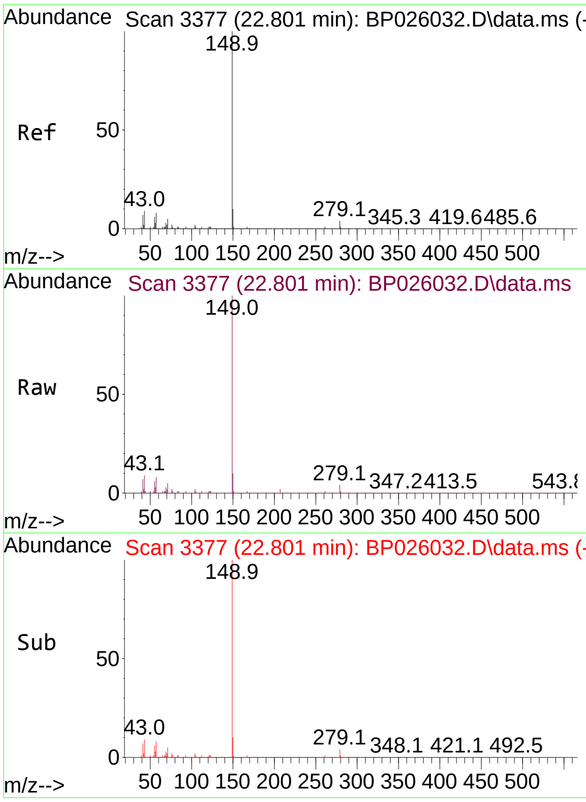
#84
Bis(2-ethylhexyl)phthalate
Concen: 41.098 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:149 Resp: 2729269

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.5	32.3
279	3.8	3.0	4.6



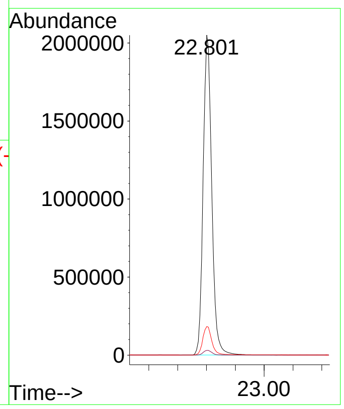
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

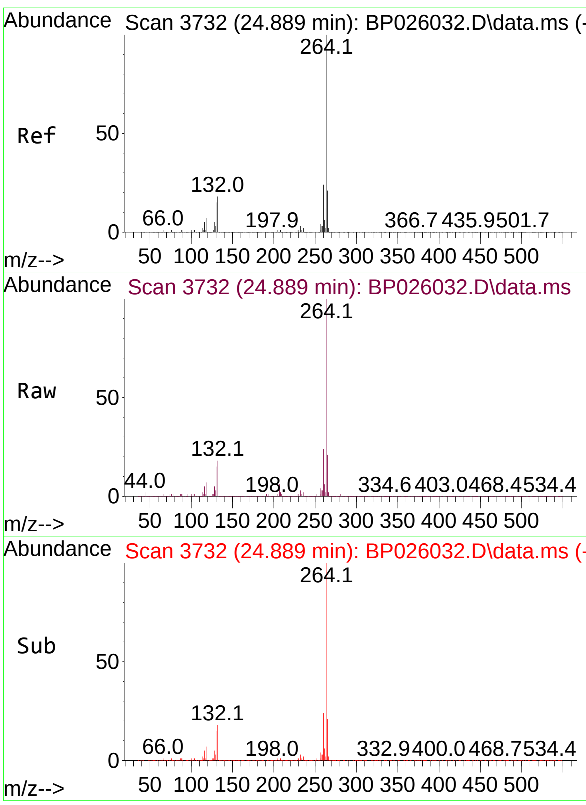


#85
Di-n-octyl phthalate
Concen: 43.233 ng
RT: 22.801 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:149 Resp: 4237623

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.5	7.6	11.4

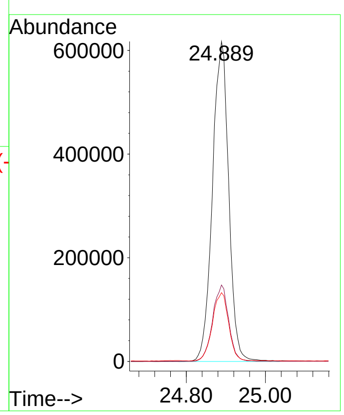




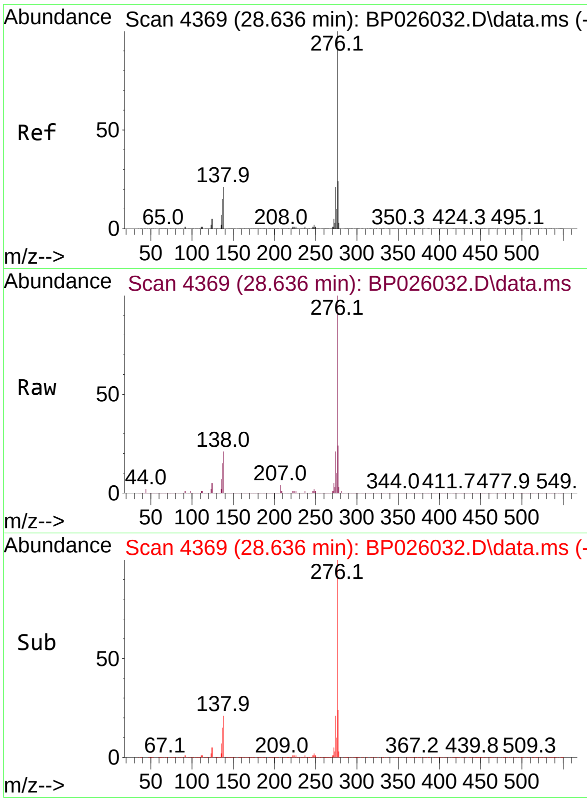
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:264 Resp: 1760712

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.5	17.2	25.8

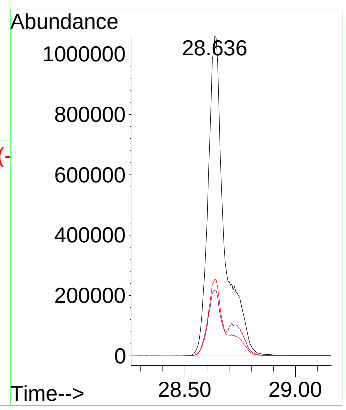


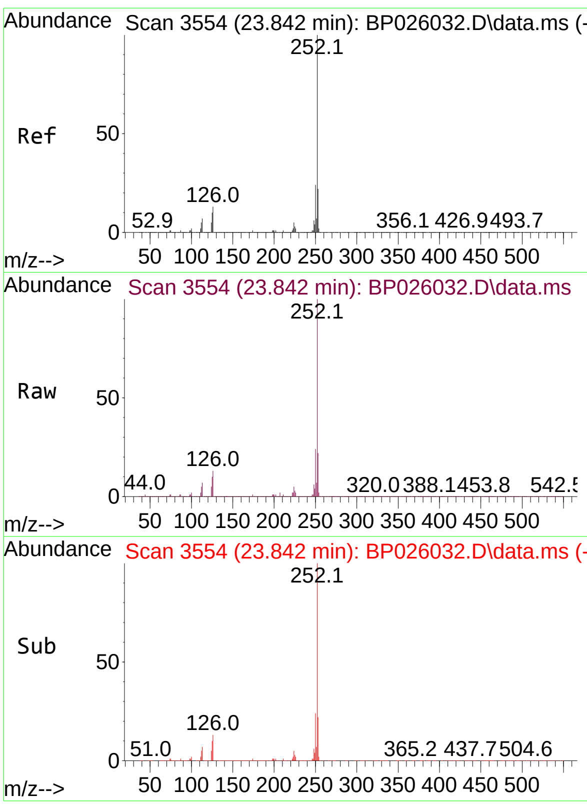
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040




```
#87
Indeno(1,2,3-cd)pyrene
Concen:   42.386 ng
RT:  28.636 min  Scan# 4
Delta R.T.   -0.023 min
Lab File:    BP026032.D
Acq: 29 Oct 2025   12:10

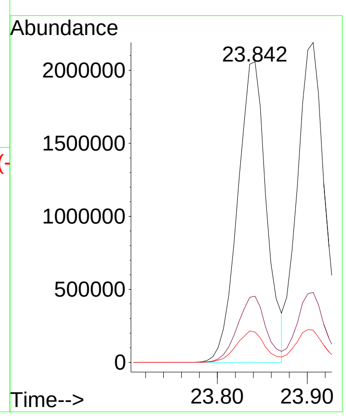
Tgt Ion:276 Resp: 5507457
Ion  Ratio   Lower  Upper
276  100
138   16.5    13.2   19.8
277   20.4    16.3   24.5
```



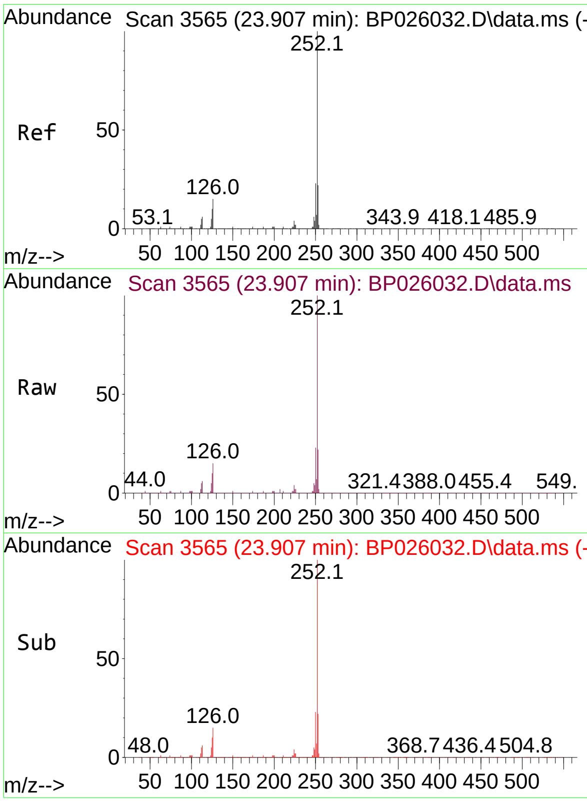



```
#88
Benzo(b)fluoranthene
Concen:   42.083 ng
RT:  23.842 min  Scan# 3554
Delta R.T.   -0.006 min
Lab File:    BP026032.D
Acq: 29 Oct 2025   12:10

Tgt Ion:252 Resp: 4599800
Ion  Ratio   Lower  Upper
252  100
253   22.0    17.6   26.4
125   10.1     8.1   12.1
```



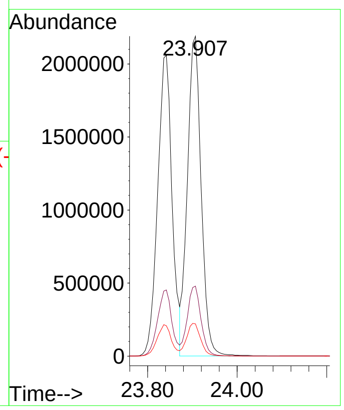
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

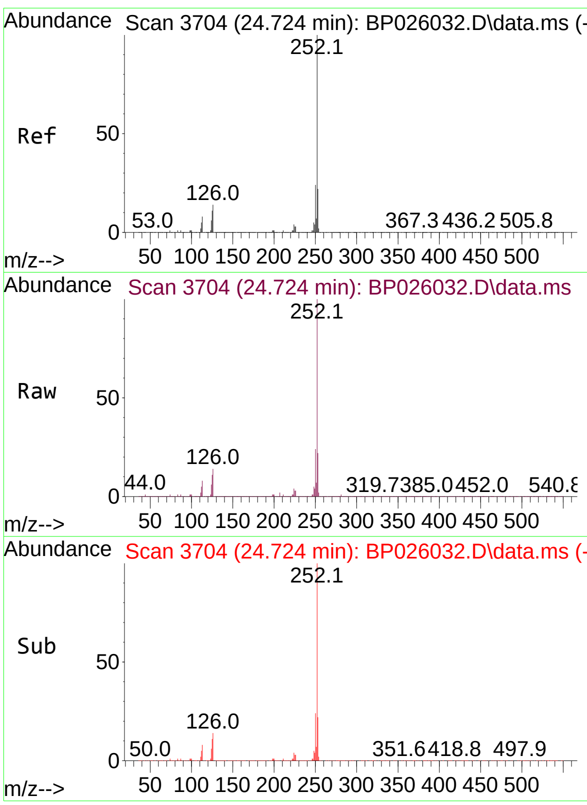


#89
Benzo(k)fluoranthene
Concen: 41.983 ng
RT: 23.907 min Scan# 35
Delta R.T. -0.017 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:252 Resp: 4686005

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.1	8.1	12.1

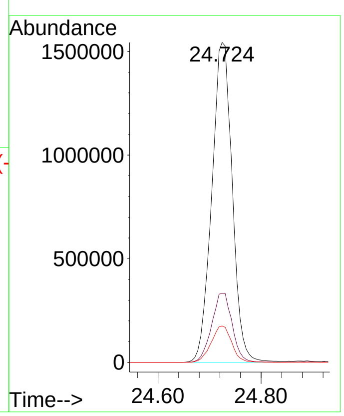




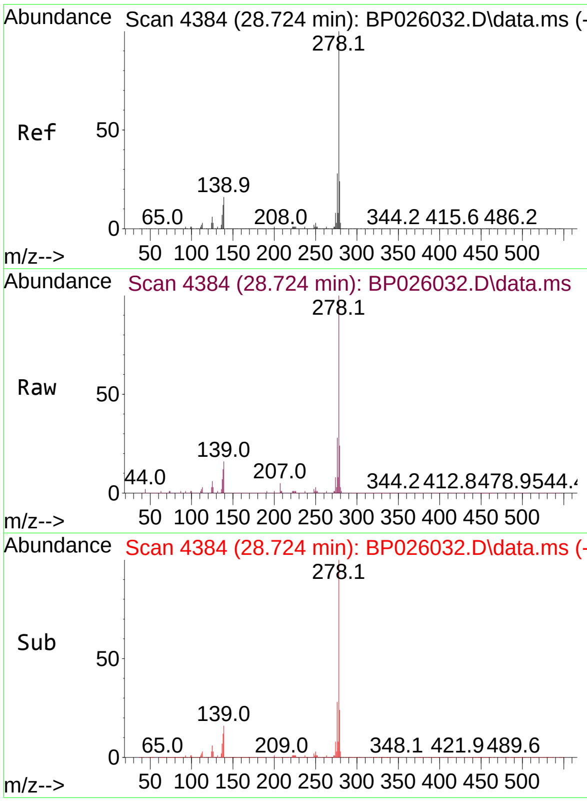
#90
Benzo(a)pyrene
Concen: 42.443 ng
RT: 24.724 min Scan# 3704
Delta R.T. -0.017 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:252 Resp: 4261972

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	11.4	9.1	13.7



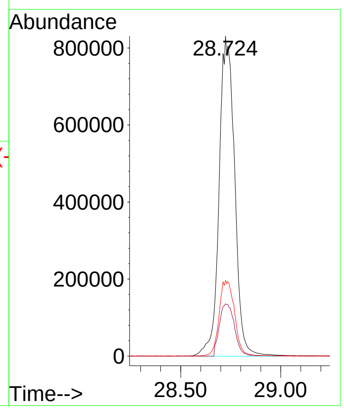
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

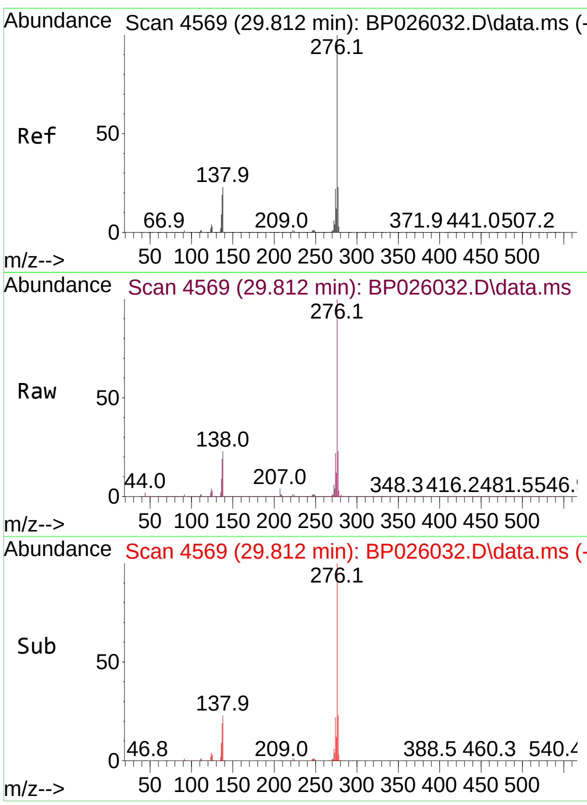


#91
Dibenzo(a,h)anthracene
Concen: 42.397 ng
RT: 28.724 min Scan# 4
Delta R.T. -0.023 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:278 Resp: 4484851

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.0	19.6
279	23.6	18.9	28.3

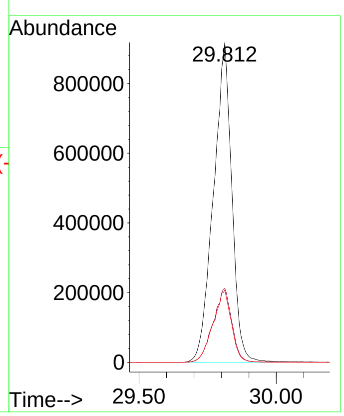




#92
Benzo(g,h,i)perylene
Concen: 41.915 ng
RT: 29.812 min Scan# 4569
Delta R.T. -0.017 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:276 Resp: 4266684

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.5	27.7
138	22.6	18.1	27.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026033.D
Acq On : 29 Oct 2025 12:51
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.690	152	349214	20.000 ng	0.00
21) Naphthalene-d8	10.449	136	1438966	20.000 ng	0.00
39) Acenaphthene-d10	14.325	164	904273	20.000 ng	0.00
64) Phenanthrene-d10	17.125	188	1803155	20.000 ng	0.00
76) Chrysene-d12	21.566	240	1902632	20.000 ng	0.00
86) Perylene-d12	24.883	264	2091380	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.296	112	1961372	92.678 ng	0.00
7) Phenol-d6	6.855	99	2487382	92.341 ng	0.00
23) Nitrobenzene-d5	8.825	82	2201797	95.388 ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	946601	96.828 ng	0.00
45) 2-Fluorobiphenyl	12.937	172	5564834	88.427 ng	0.00
79) Terphenyl-d14	19.866	244	8183730	87.388 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.237	88	395783	44.361 ng	99
3) Pyridine	3.625	79	1138611	44.894 ng	100
4) n-Nitrosodimethylamine	3.537	42	455456	44.806 ng	99
6) Aniline	7.019	93	1645368	45.768 ng	99
8) 2-Chlorophenol	7.255	128	1102018	47.024 ng	99
9) Benzaldehyde	6.837	77	584865	41.768 ng	98
10) Phenol	6.884	94	1369223	45.786 ng	99
11) bis(2-Chloroethyl)ether	7.119	93	1072428	45.441 ng	100
12) 1,3-Dichlorobenzene	7.578	146	1208921	44.919 ng	100
13) 1,4-Dichlorobenzene	7.719	146	1221221	44.879 ng	100
14) 1,2-Dichlorobenzene	8.037	146	1168413	44.998 ng	99
15) Benzyl Alcohol	7.919	79	890562	45.860 ng	99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1611516	45.181 ng	100
17) 2-Methylphenol	8.113	107	922978	47.134 ng	99
18) Hexachloroethane	8.755	117	427757	45.939 ng	98
19) n-Nitroso-di-n-propyla...	8.484	70	789416	47.211 ng	98
20) 3+4-Methylphenols	8.437	107	1248064	45.814 ng	99
22) Acetophenone	8.496	105	1638579	45.025 ng	# 98
24) Nitrobenzene	8.866	77	1139668	46.762 ng	100
25) Isophorone	9.390	82	2274125	46.029 ng	99
26) 2-Nitrophenol	9.572	139	447065	49.734 ng	97
27) 2,4-Dimethylphenol	9.631	122	966770	46.532 ng	98
28) bis(2-Chloroethoxy)met...	9.872	93	1423542	45.719 ng	99
29) 2,4-Dichlorophenol	10.096	162	1050277	47.877 ng	99
30) 1,2,4-Trichlorobenzene	10.319	180	1082702	45.408 ng	98
31) Naphthalene	10.501	128	3517083	44.821 ng	99
32) Benzoic acid	9.760	122	583423	46.816 ng	98
33) 4-Chloroaniline	10.607	127	1380084	45.768 ng	99
34) Hexachlorobutadiene	10.801	225	683383	45.101 ng	99
35) Caprolactam	11.372	113	356316	46.253 ng	95
36) 4-Chloro-3-methylphenol	11.725	107	1091555	47.466 ng	99
37) 2-Methylnaphthalene	12.113	142	2496690	45.460 ng	99
38) 1-Methylnaphthalene	12.343	142	2384802	44.696 ng	98
40) 1,2,4,5-Tetrachloroben...	12.490	216	1276225	45.422 ng	99
41) Hexachlorocyclopentadiene	12.478	237	492338	47.892 ng	97
43) 2,4,6-Trichlorophenol	12.725	196	814315	49.033 ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026033.D
Acq On : 29 Oct 2025 12:51
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	915816	48.327	ng		98
46) 1,1'-Biphenyl	13.143	154	3114348	44.979	ng		99
47) 2-Chloronaphthalene	13.184	162	2465203	45.251	ng		99
48) 2-Nitroaniline	13.378	65	626496	45.673	ng		100
49) Acenaphthylene	14.037	152	3657970	46.069	ng		99
50) Dimethylphthalate	13.772	163	2990506	45.465	ng		100
51) 2,6-Dinitrotoluene	13.884	165	554294	45.947	ng		100
52) Acenaphthene	14.389	154	2461012	45.148	ng		100
53) 3-Nitroaniline	14.213	138	666202	45.125	ng		98
54) 2,4-Dinitrophenol	14.413	184	217265	46.408	ng	#	85
55) Dibenzofuran	14.725	168	3647999	44.295	ng		98
56) 4-Nitrophenol	14.519	139	583197	44.465	ng		99
57) 2,4-Dinitrotoluene	14.684	165	812960	46.376	ng		96
58) Fluorene	15.395	166	2848597	44.149	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	741007	49.733	ng		100
60) Diethylphthalate	15.178	149	3052331	46.159	ng		99
61) 4-Chlorophenyl-phenyle...	15.389	204	1408511	43.714	ng		99
62) 4-Nitroaniline	15.401	138	673347	47.907	ng		100
63) Azobenzene	15.695	77	2685827	44.816	ng		98
65) 4,6-Dinitro-2-methylph...	15.460	198	336876	46.617	ng		94
66) n-Nitrosodiphenylamine	15.613	169	2556770	45.350	ng		100
67) 4-Bromophenyl-phenylether	16.307	248	918587	45.926	ng		99
68) Hexachlorobenzene	16.419	284	1017148	44.671	ng		98
69) Atrazine	16.583	200	868165	45.648	ng		98
70) Pentachlorophenol	16.766	266	667717	48.009	ng		100
71) Phenanthrene	17.172	178	4646242	44.270	ng		100
72) Anthracene	17.266	178	4704548	45.221	ng		100
73) Carbazole	17.542	167	4367887	44.353	ng		99
74) Di-n-butylphthalate	18.160	149	5391627	48.928	ng		100
75) Fluoranthene	19.260	202	5518479	45.075	ng		99
77) Benzidine	19.460	184	2144466	44.405	ng		100
78) Pyrene	19.636	202	5789133	44.987	ng		99
80) Butylbenzylphthalate	20.607	149	2226346	46.457	ng		99
81) Benzo(a)anthracene	21.548	228	5824139	44.546	ng		99
82) 3,3'-Dichlorobenzidine	21.477	252	1980734	47.020	ng		99
83) Chrysene	21.619	228	5558878	44.884	ng		100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3652585	47.172	ng		98
85) Di-n-octyl phthalate	22.807	149	5887832	51.985	ng		99
87) Indeno(1,2,3-cd)pyrene	28.659	276	7169922m	46.456	ng		
88) Benzo(b)fluoranthene	23.854	252	6008578	46.280	ng		100
89) Benzo(k)fluoranthene	23.924	252	5963953	44.984	ng		100
90) Benzo(a)pyrene	24.742	252	5510203	46.197	ng		99
91) Dibenzo(a,h)anthracene	28.753	278	5841467	46.490	ng		99
92) Benzo(g,h,i)perylene	29.812	276	5581541	46.163	ng		99

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

Quantitation Report (QT Reviewed)

ICAL Form

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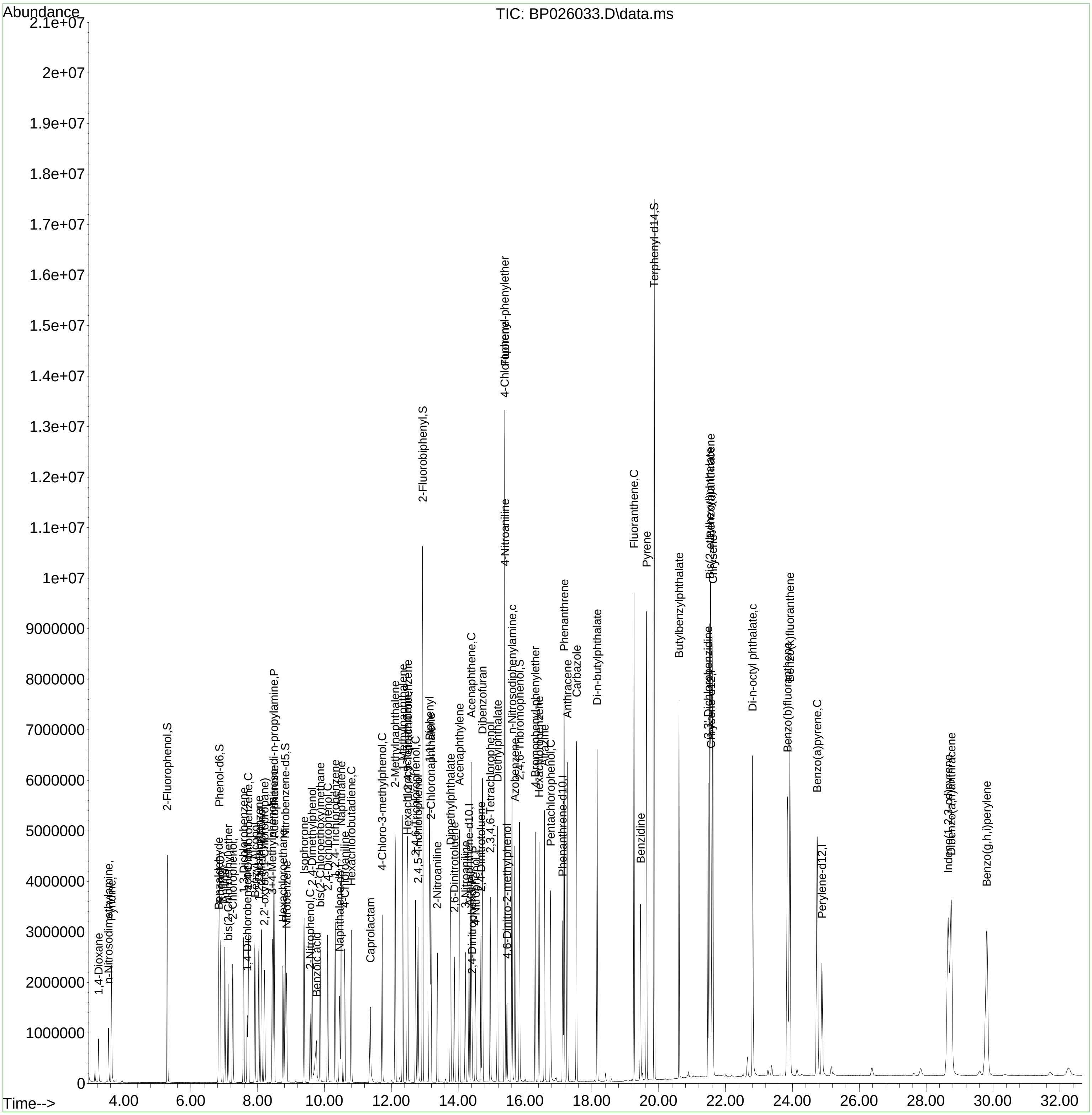
Data File : BP026033.D
Acq On : 29 Oct 2025 12:51
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 29 18:08:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
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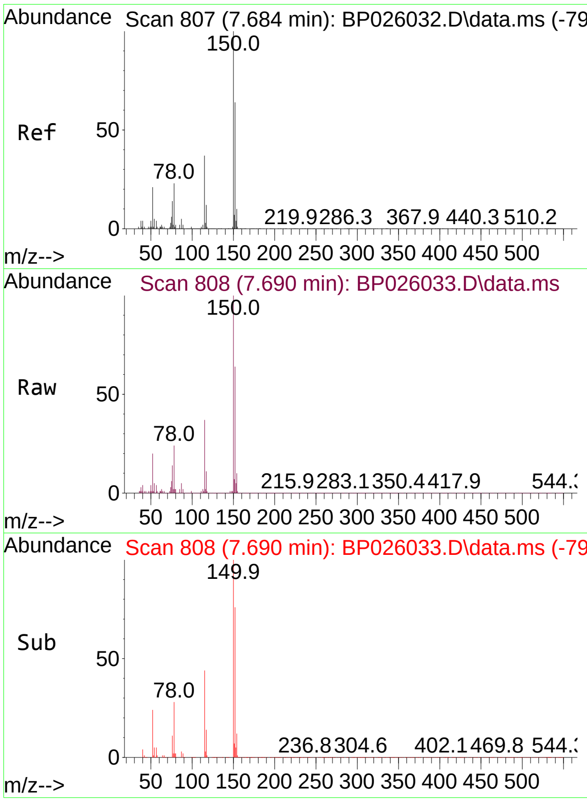
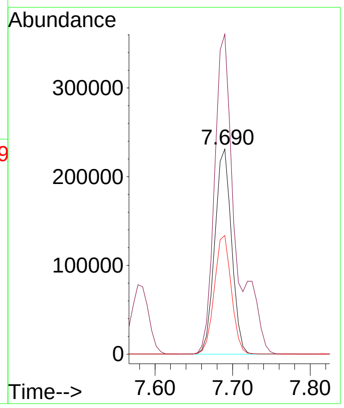
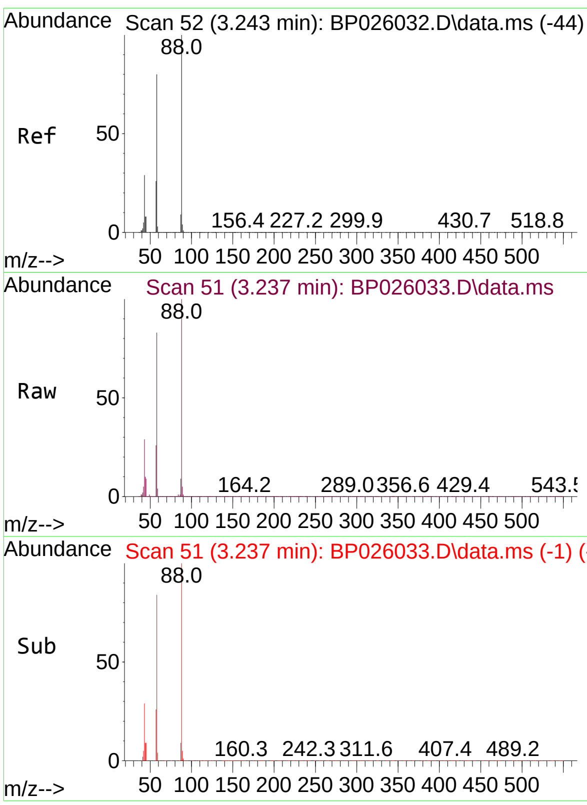


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.690 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:152 Resp: 349214

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.7	188.5
115	57.8	46.4	69.6

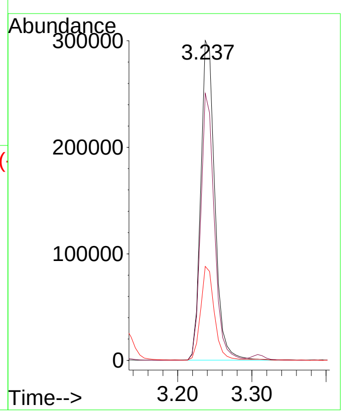




#2
1,4-Dioxane
Concen: 44.361 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 88 Resp: 395783

Ion	Ratio	Lower	Upper
88	100		
58	80.9	65.4	98.0
43	29.0	23.1	34.7



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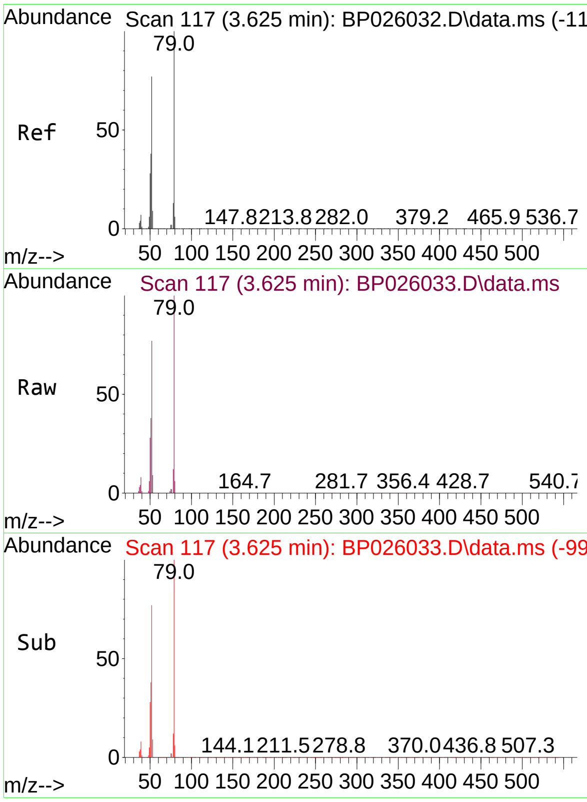

#3
Pyridine
Concen: 44.894 ng
RT: 3.625 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 79 Resp: 113861

Ion	Ratio	Lower	Upper
79	100		
52	77.3	62.0	93.0
51	37.8	30.6	46.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 10/30/2025
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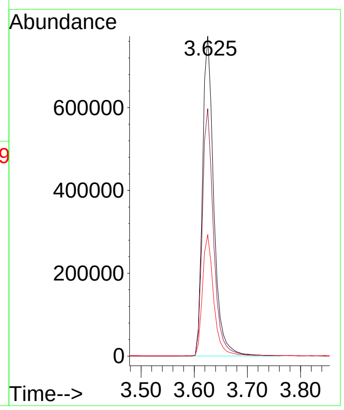
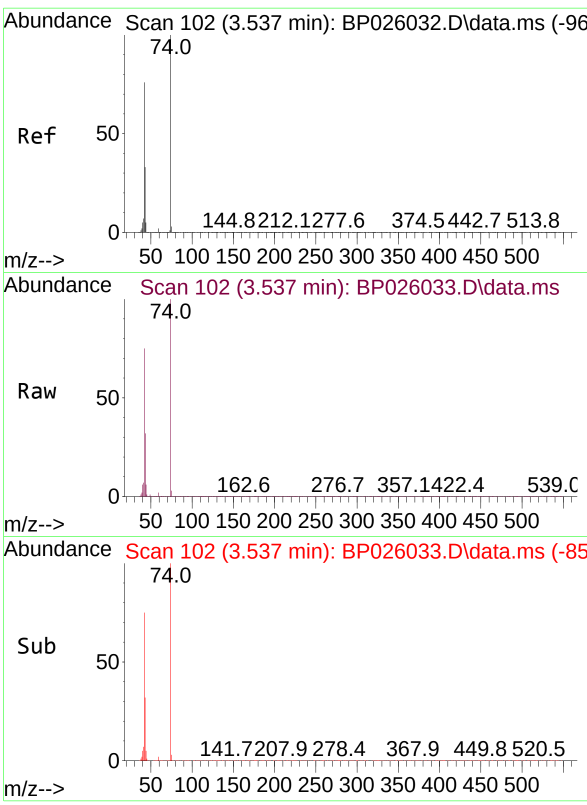
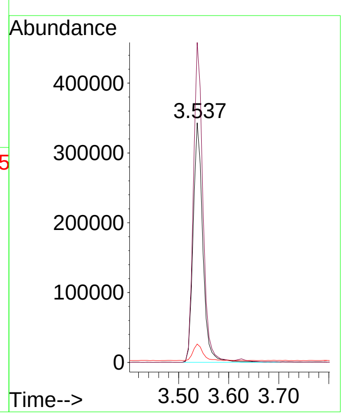




#4
n-Nitrosodimethylamine
Concen: 44.806 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 42 Resp: 455456

Ion	Ratio	Lower	Upper
42	100		
74	133.5	105.7	158.5
44	7.7	6.6	9.8

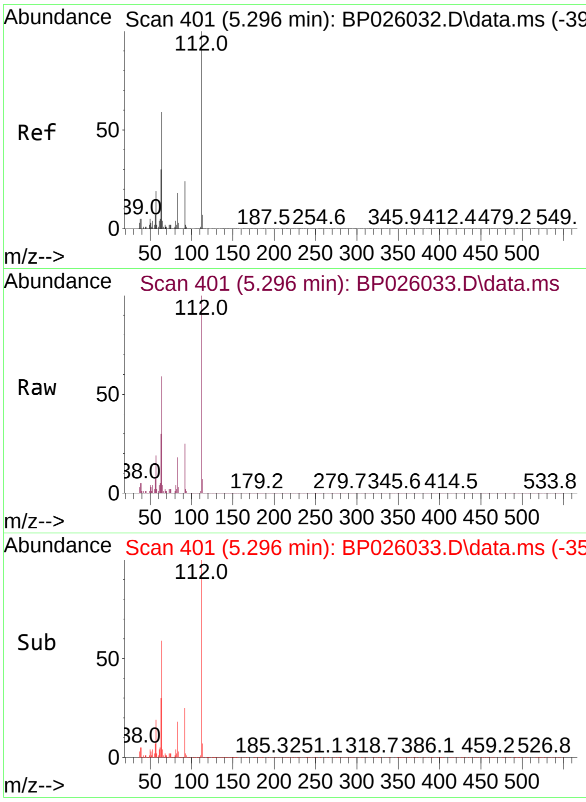


ICAL Form

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

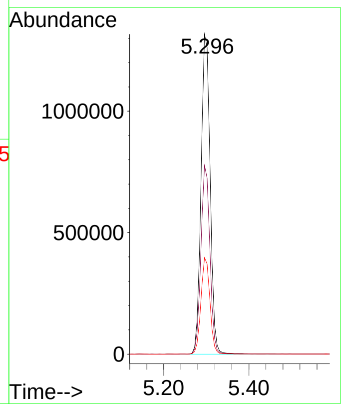
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

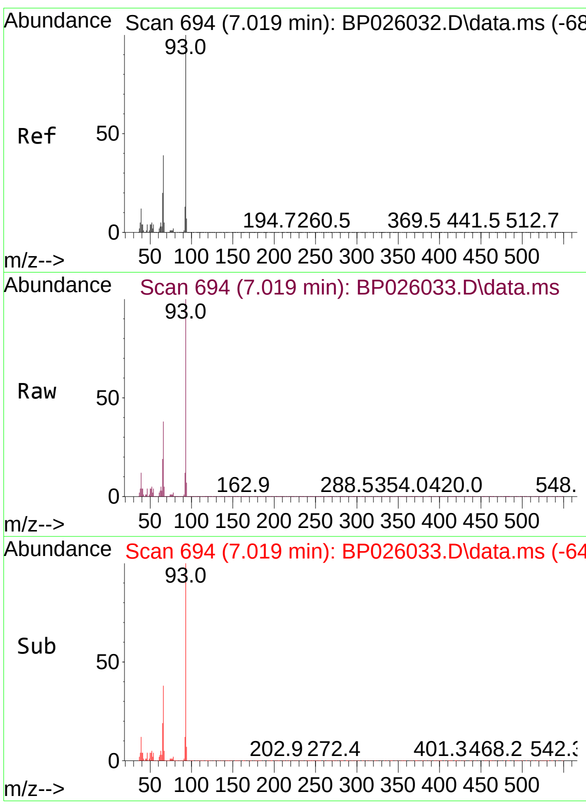


#5
2-Fluorophenol
Concen: 92.678 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:112 Resp: 1961372

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.4	71.2
63	30.1	24.2	36.4

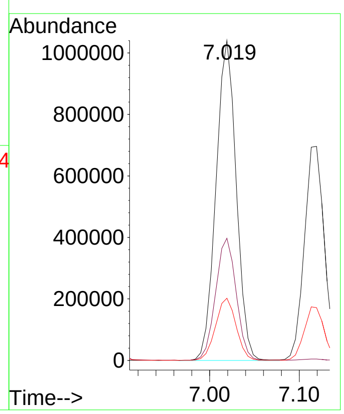




#6
Aniline
Concen: 45.768 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 93 Resp: 1645368

Ion	Ratio	Lower	Upper
93	100		
66	38.2	31.2	46.8
65	19.4	16.1	24.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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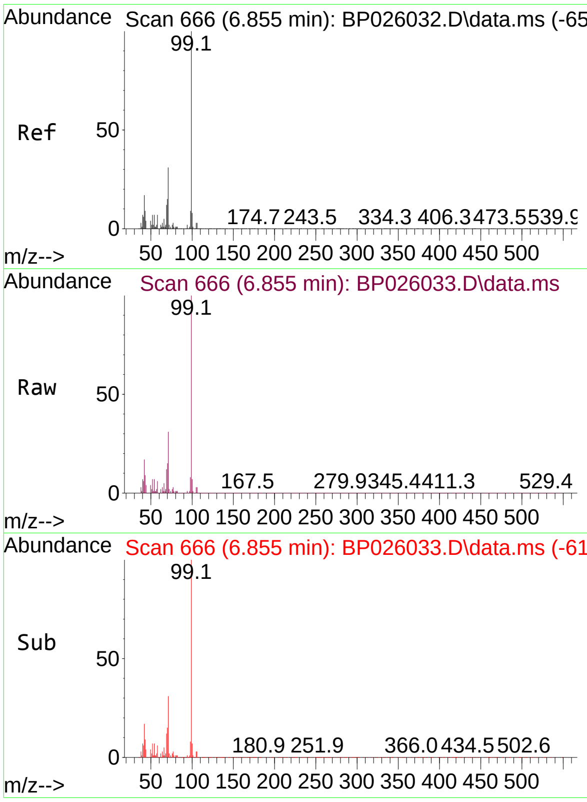
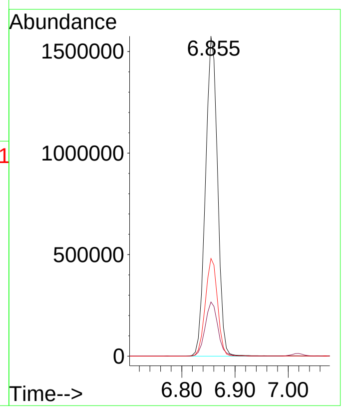
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

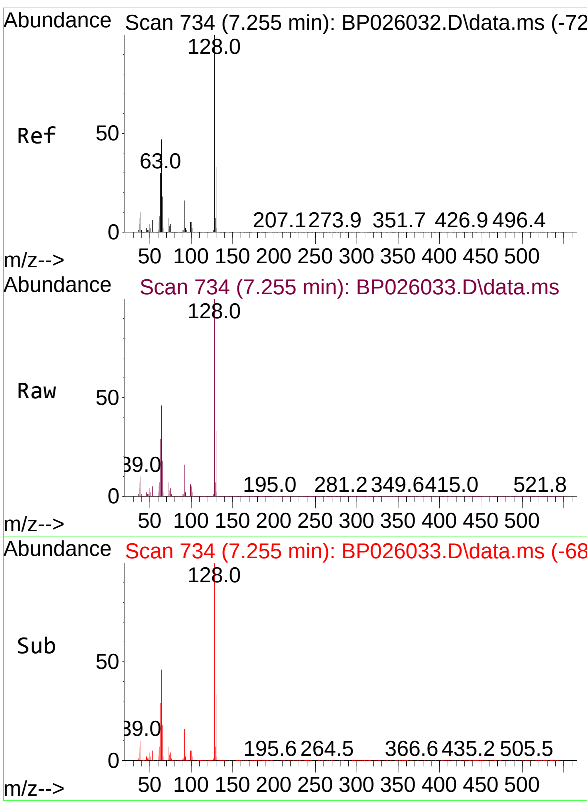


#7
Phenol-d6
Concen: 92.341 ng
RT: 6.855 min Scan# 66
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 99 Resp: 248738

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.7	20.5
71	30.5	24.4	36.6

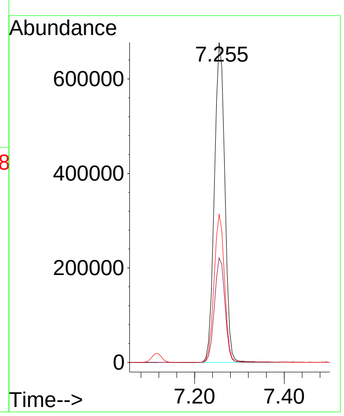




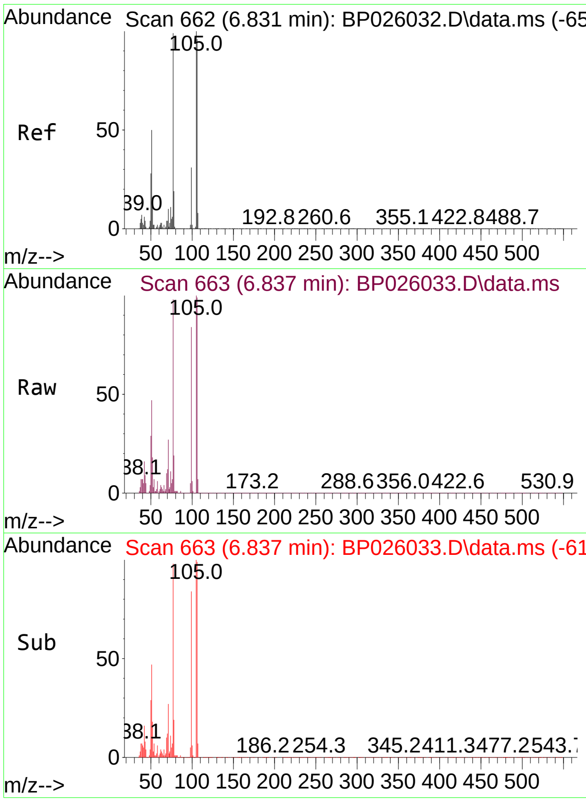
#8
2-Chlorophenol
Concen: 47.024 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:128 Resp: 1102018

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.7	52.7
64	46.2	27.4	67.4



ICAL Form



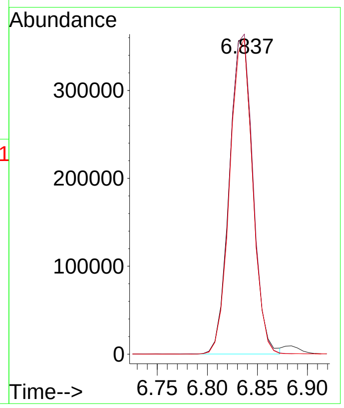
#9
Benzaldehyde
Concen: 41.768 ng
RT: 6.837 min Scan# 66
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

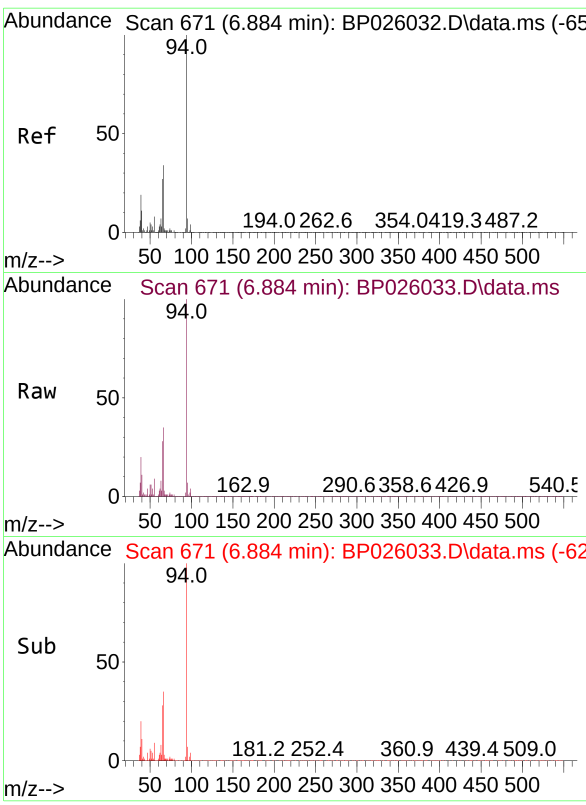
Tgt Ion: 77 Resp: 58486

Ion	Ratio	Lower	Upper
77	100		
105	101.6	80.7	120.7
106	100.0	76.5	116.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

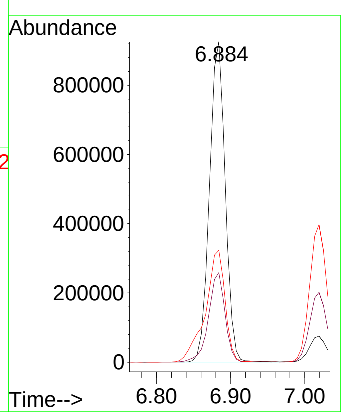


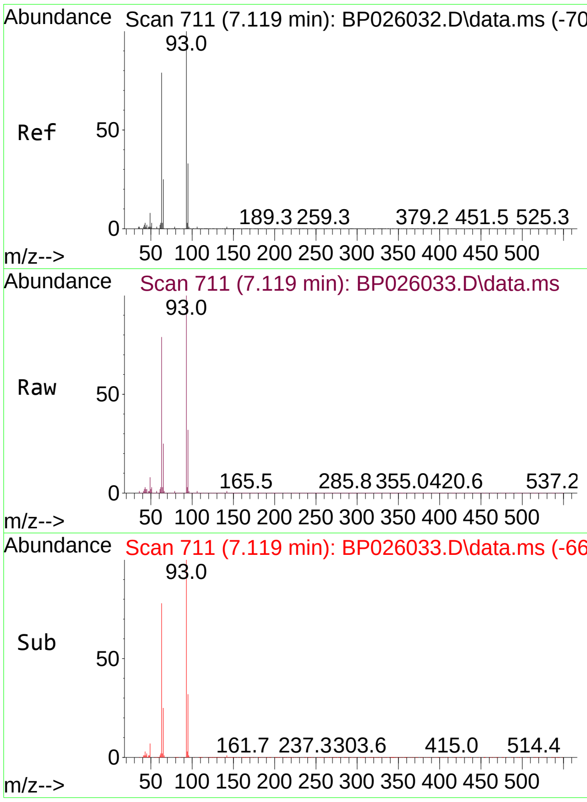


#10
Phenol
Concen: 45.786 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 94 Resp: 1369223

Ion	Ratio	Lower	Upper
94	100		
65	28.0	7.1	47.1
66	34.9	14.4	54.4

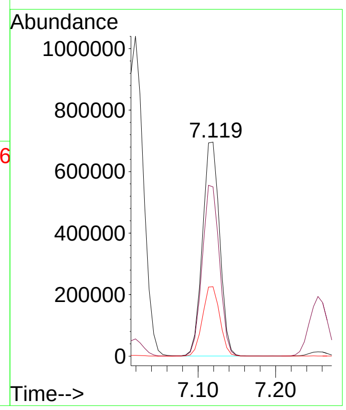




#11
bis(2-Chloroethyl)ether
Concen: 45.441 ng
RT: 7.119 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 93 Resp: 107242

Ion	Ratio	Lower	Upper
93	100		
63	79.0	59.1	99.1
95	32.4	12.6	52.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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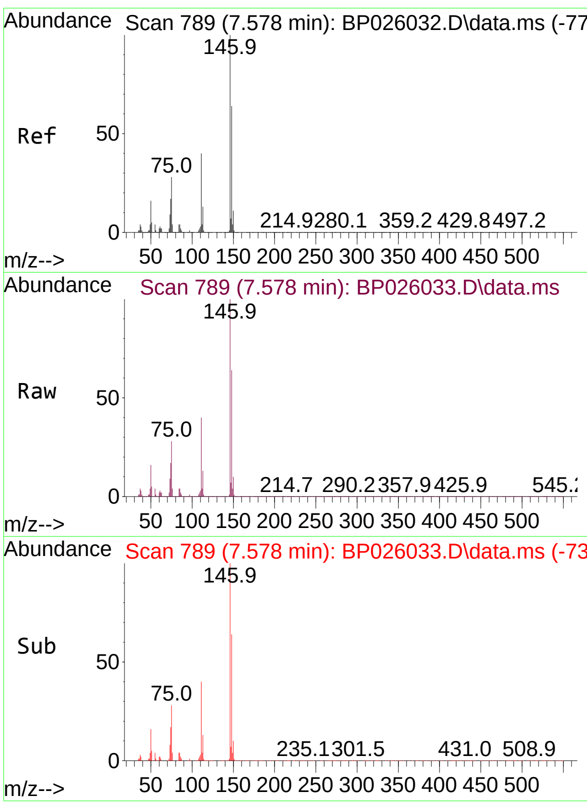
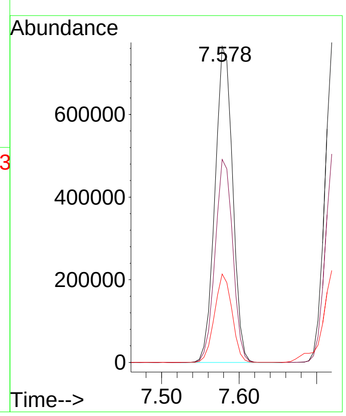
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

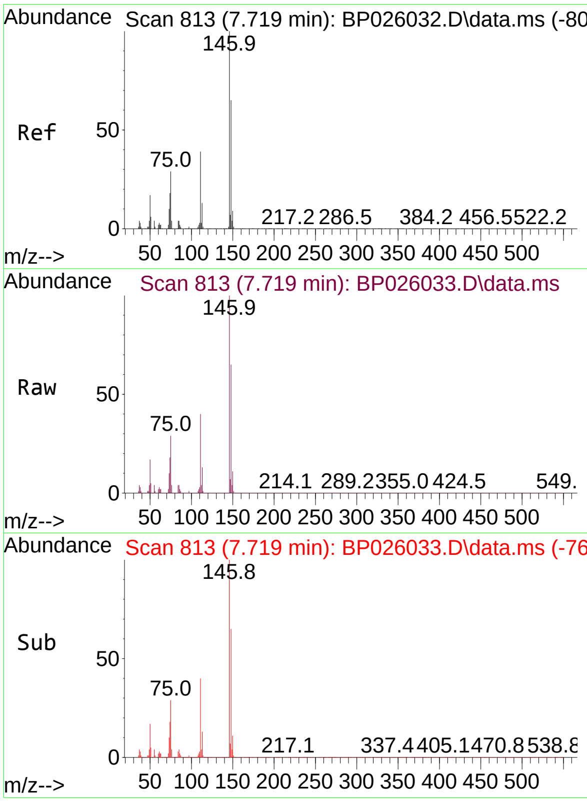


#12
1,3-Dichlorobenzene
Concen: 44.919 ng
RT: 7.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:146 Resp: 1208921

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
75	28.0	22.6	33.8



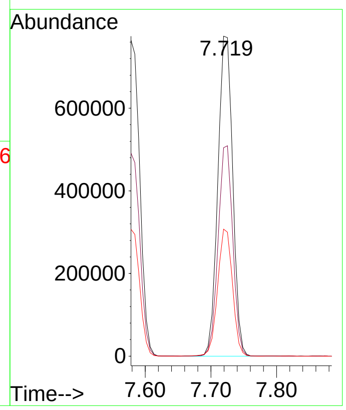


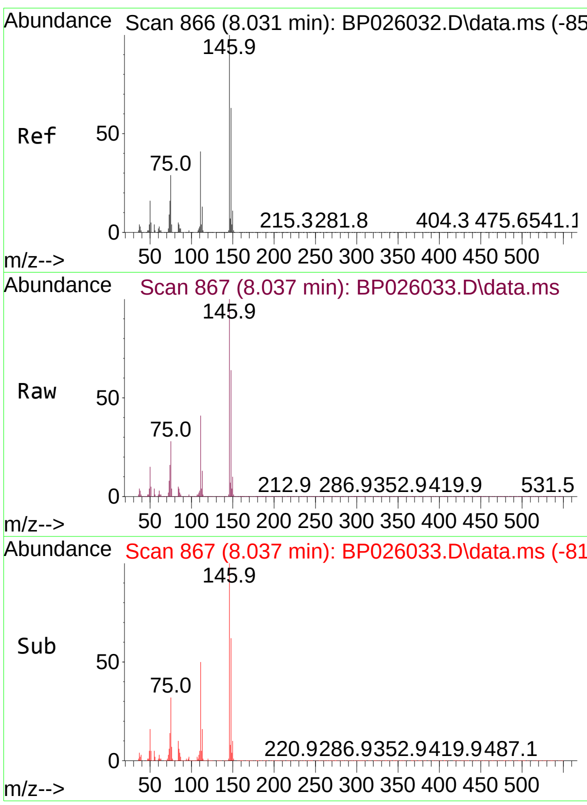

```
#13
1,4-Dichlorobenzene
Concen:   44.879 ng
RT:    7.719 min   Scan# 81
Delta R.T.   -0.006 min
Lab File:    BP026033.D
Acq: 29 Oct 2025   12:51

Tgt Ion:146 Resp: 1221221
Ion   Ratio   Lower   Upper
146   100
148    65.1    52.2    78.2
111    39.7    31.3    46.9
```

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

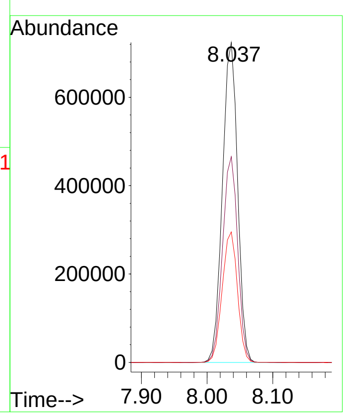
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025






```
#14
1,2-Dichlorobenzene
Concen:   44.998 ng
RT:    8.037 min   Scan# 867
Delta R.T.   0.006 min
Lab File:    BP026033.D
Acq: 29 Oct 2025   12:51

Tgt Ion:146 Resp: 1168413
Ion   Ratio   Lower   Upper
146   100
148    64.3    50.8    76.2
111    40.8    33.0    49.4
```



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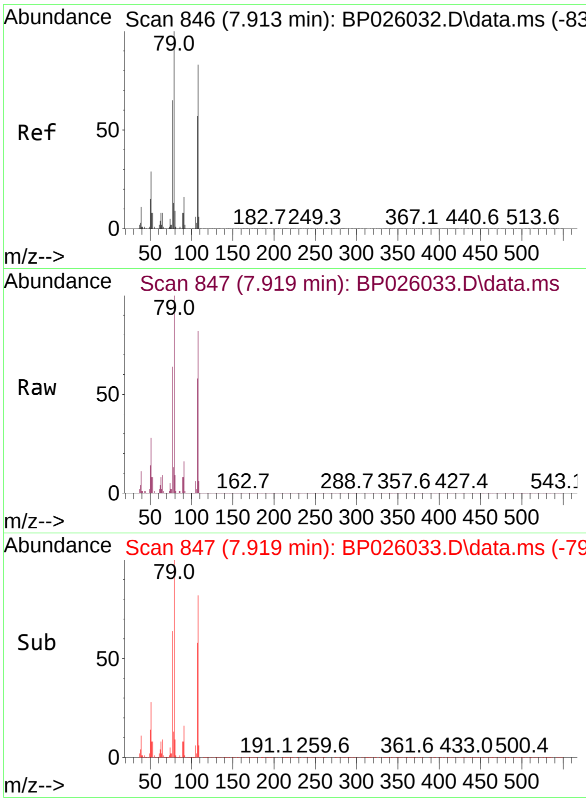

#15
Benzyl Alcohol
Concen: 45.860 ng
RT: 7.919 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 79 Resp: 89056

Ion	Ratio	Lower	Upper
79	100		
108	82.4	66.0	99.0
77	63.9	52.3	78.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
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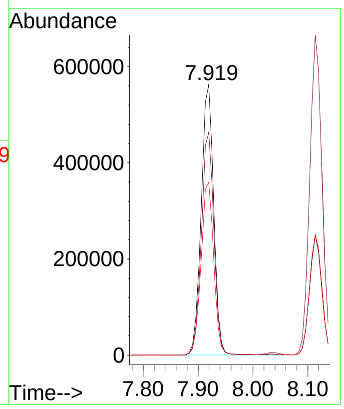
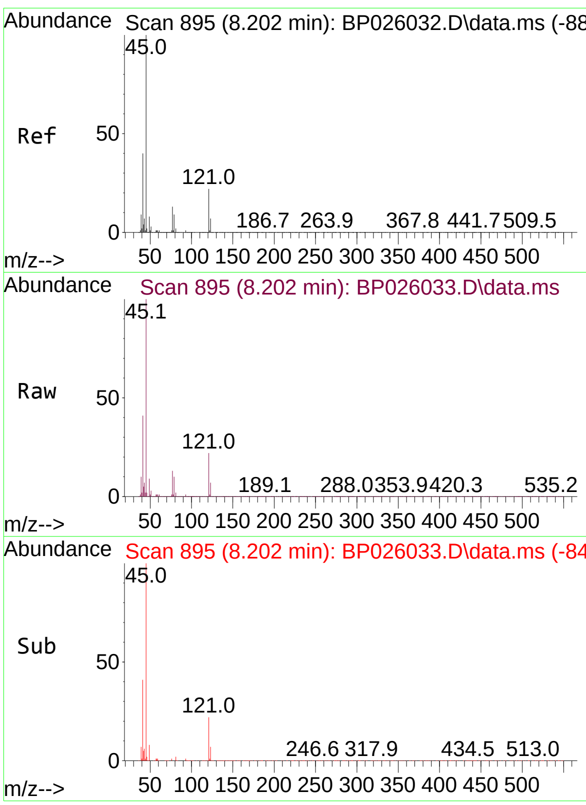
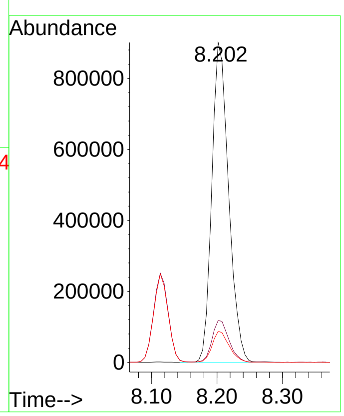


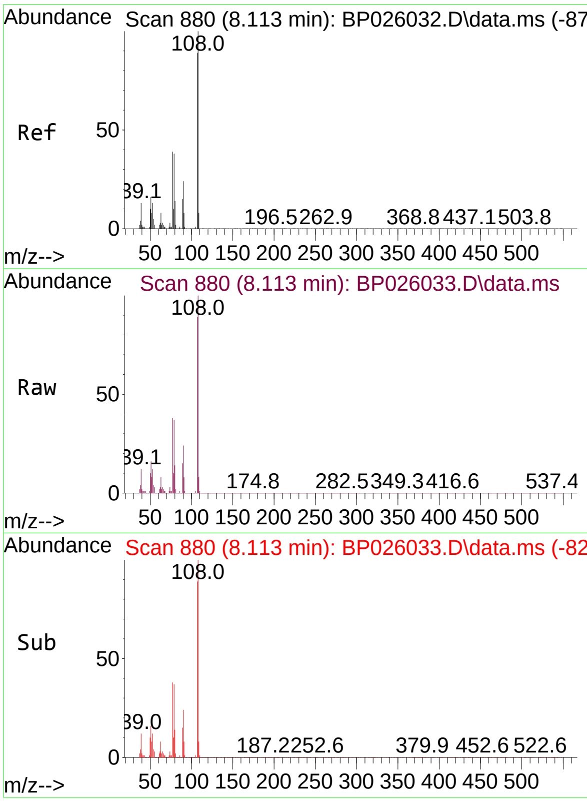


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.181 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 45 Resp: 1611516

Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	33.2
79	9.7	0.0	29.5

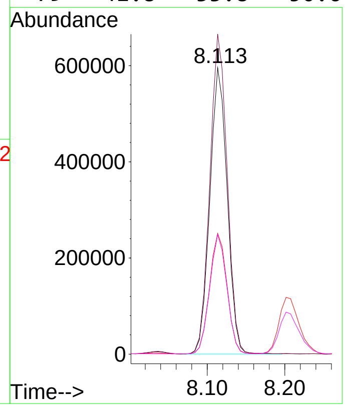




#17
2-Methylphenol
Concen: 47.134 ng
RT: 8.113 min Scan# 88
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:107 Resp: 92297

Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.8	134.8
77	42.2	34.8	52.2
79	41.8	33.8	50.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
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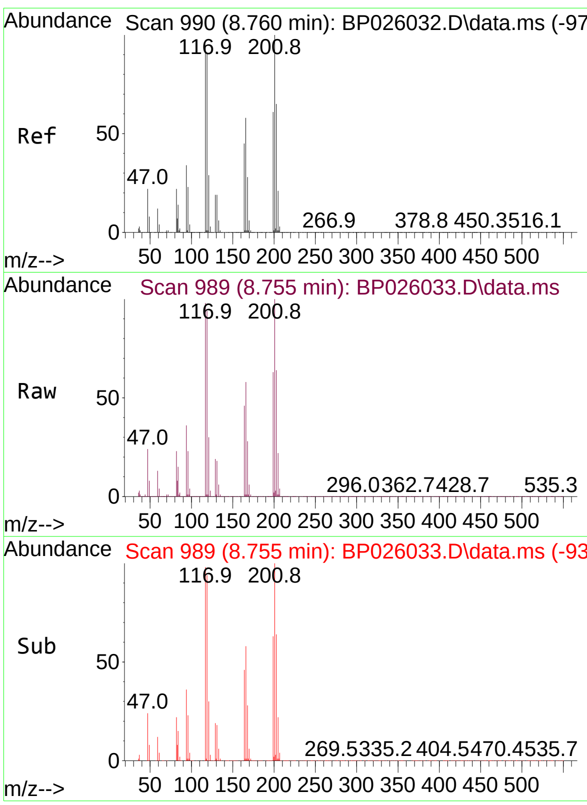
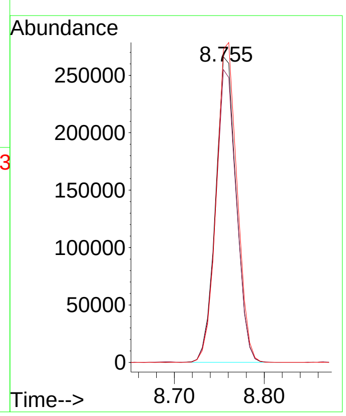


#18
Hexachloroethane
Concen: 45.939 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:117 Resp: 427757

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.5	114.7
201	102.5	84.2	126.4



ICAL Form

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025
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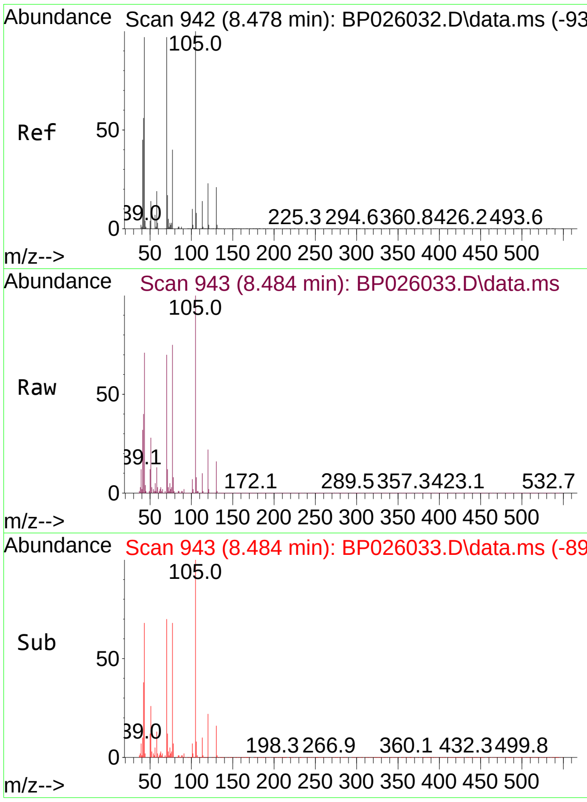
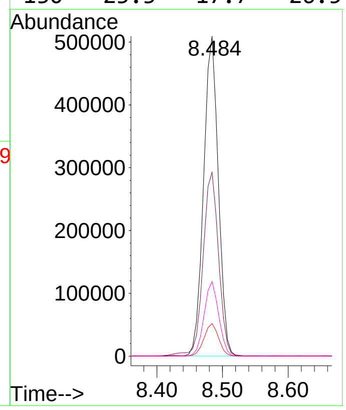
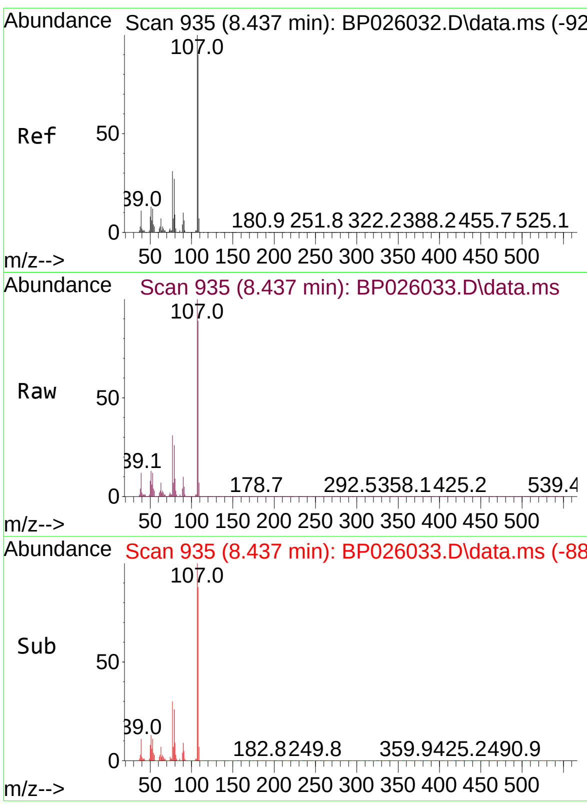



```
#19
n-Nitroso-di-n-propylamine
Concen:    47.211 ng
RT:    8.484 min   Scan# 94
Delta R.T.   -0.006 min
Lab File:    BP026033.D
Acq: 29 Oct 2025   12:51

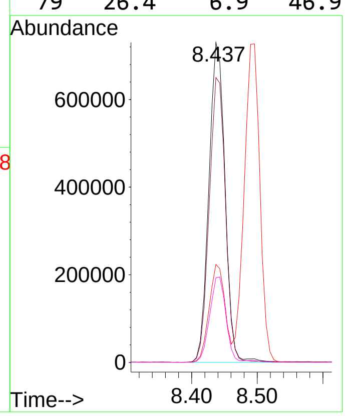
Tgt Ion: 70 Resp:   789416
Ion   Ratio   Lower   Upper
 70   100
 42    57.5    47.2    70.8
101    10.2     8.2    12.2
130    23.3    17.7    26.5
```

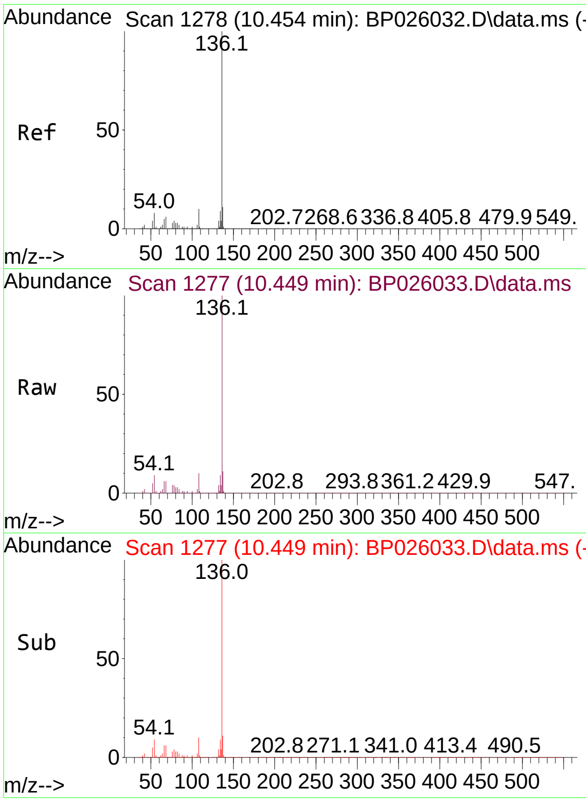





```
#20
3+4-Methylphenols
Concen:    45.814 ng
RT:    8.437 min   Scan# 935
Delta R.T.   -0.006 min
Lab File:    BP026033.D
Acq: 29 Oct 2025   12:51

Tgt Ion:107 Resp: 1248064
Ion   Ratio   Lower   Upper
107   100
108    89.0    70.1   110.1
 77    30.6    10.7    50.7
 79    26.4     6.9    46.9
```

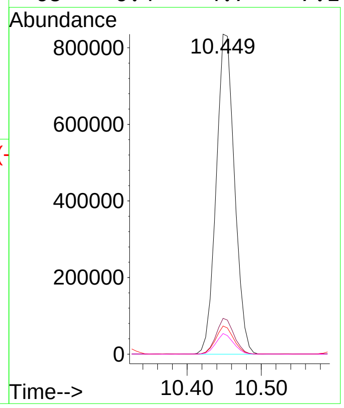




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:136 Resp: 143896

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.8	6.6	10.0
68	6.4	4.7	7.1



Instrument :
BNA_P
ClientSampleId :
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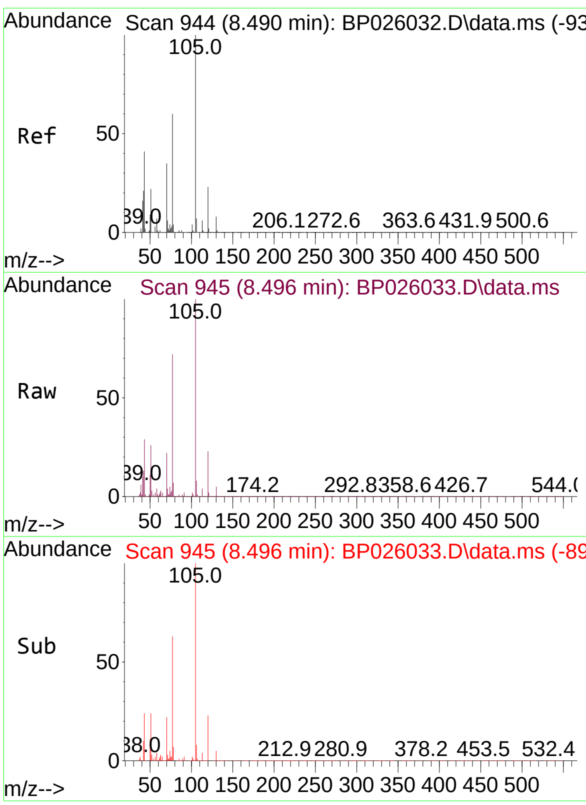
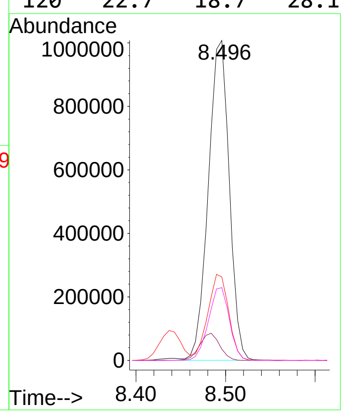


#22
Acetophenone
Concen: 45.025 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:105 Resp: 1638579

Ion	Ratio	Lower	Upper
105	100		
71	3.5	4.7	7.1#
51	26.1	21.8	32.8
120	22.7	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
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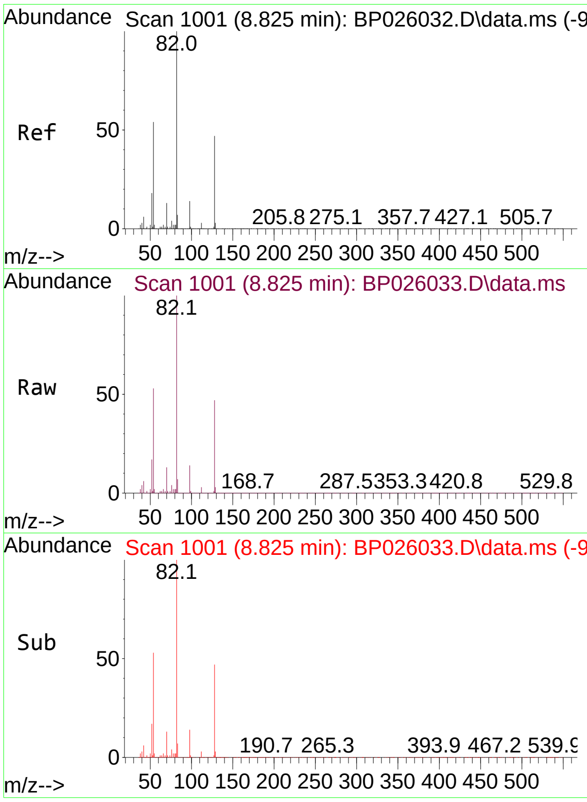
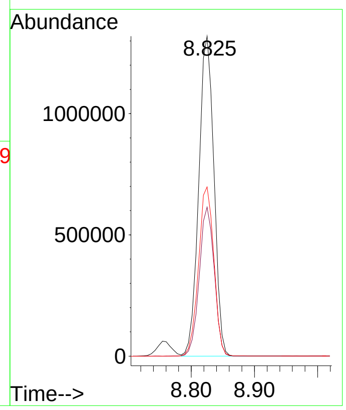
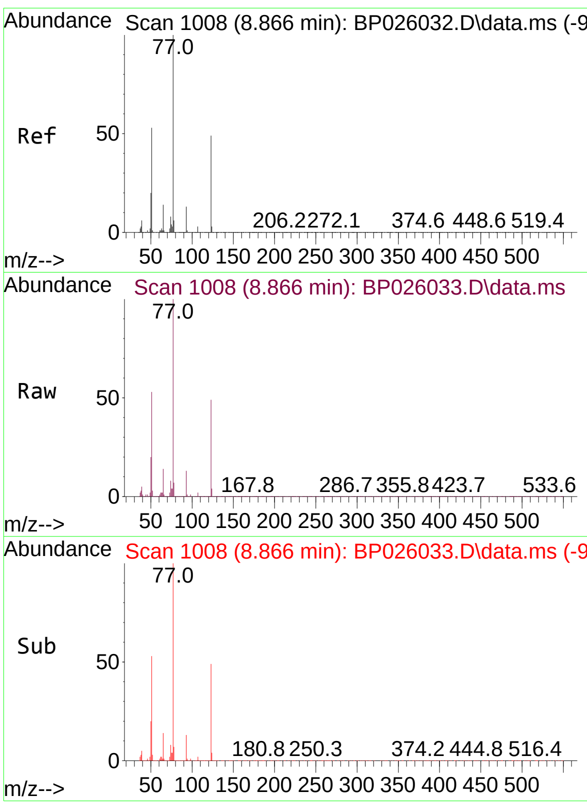


#23
Nitrobenzene-d5
Concen: 95.388 ng
RT: 8.825 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 82 Resp: 220179

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.0
54	52.9	42.7	64.1

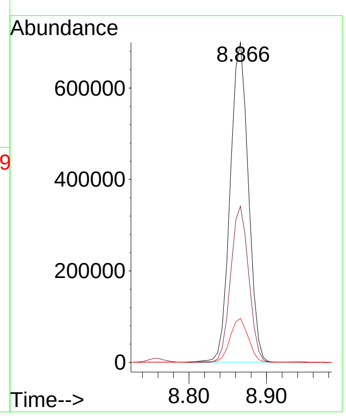




#24
Nitrobenzene
Concen: 46.762 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 77 Resp: 1139668

Ion	Ratio	Lower	Upper
77	100		
123	48.8	39.0	58.4
65	13.7	10.9	16.3



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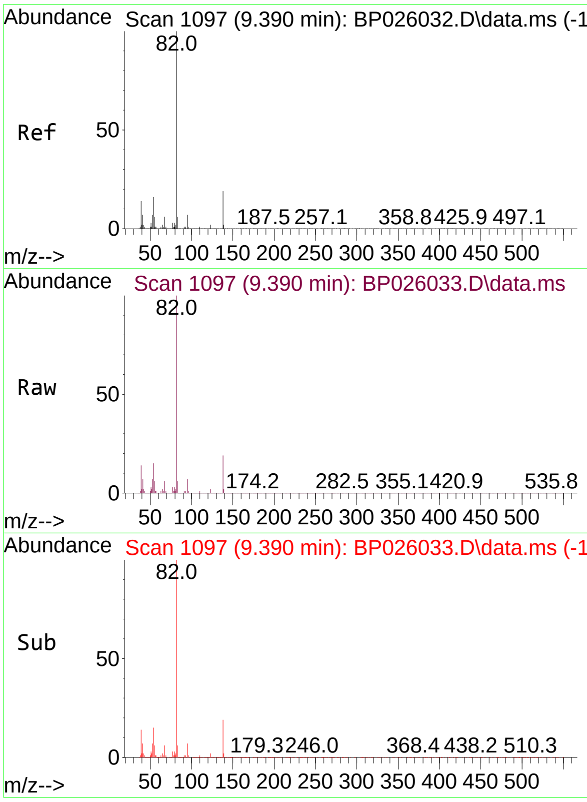

#25
Isophorone
Concen: 46.029 ng
RT: 9.390 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 82 Resp: 227412

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.6
138	19.2	15.0	22.6

Instrument :
BNA_P
ClientSampleId :
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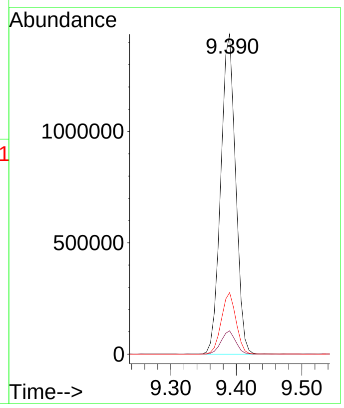
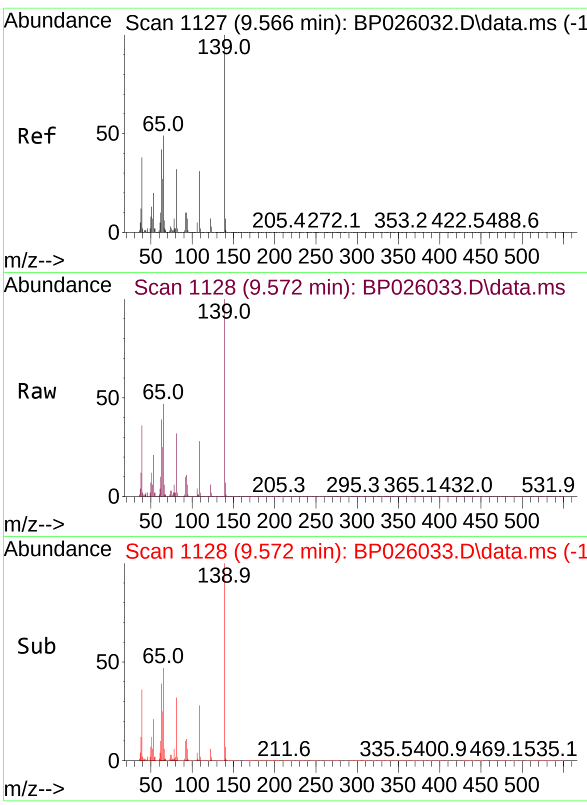
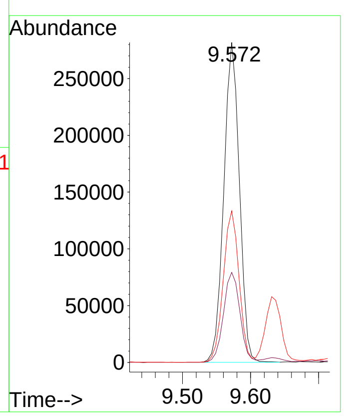




#26
2-Nitrophenol
Concen: 49.734 ng
RT: 9.572 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:139 Resp: 447065

Ion	Ratio	Lower	Upper
139	100		
109	28.1	24.8	37.2
65	47.3	39.0	58.4



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Instrument :
BNA_P
ClientSampleId :
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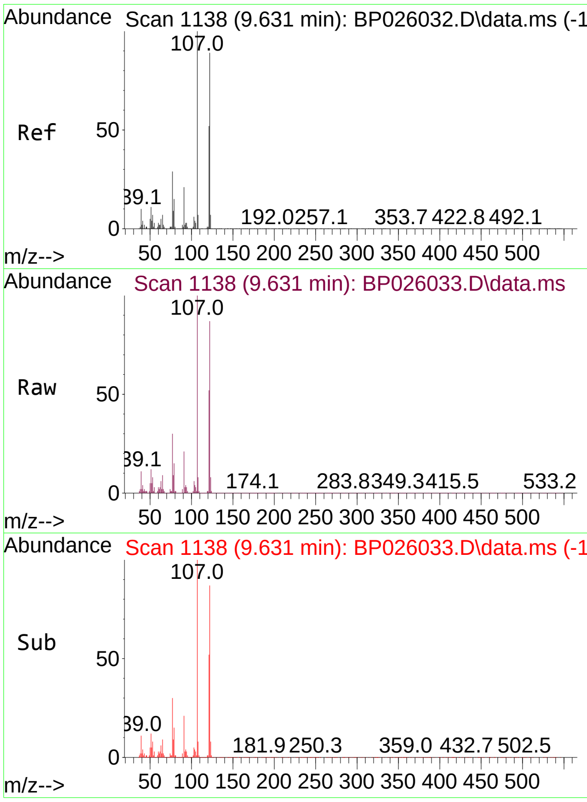
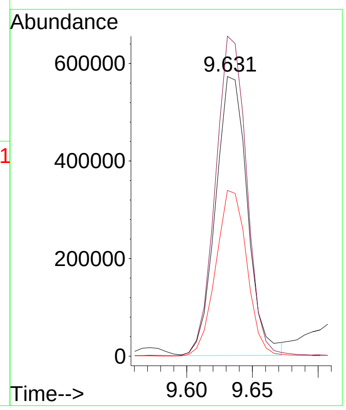
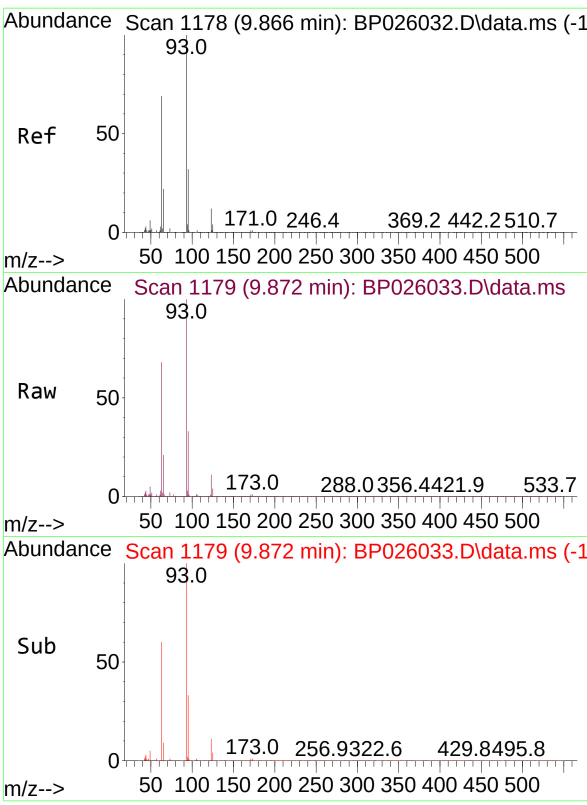



```
#27
2,4-Dimethylphenol
Concen:    46.532 ng
RT:    9.631 min   Scan# 11
Delta R.T.   0.000 min
Lab File:    BP026033.D
Acq: 29 Oct 2025   12:51

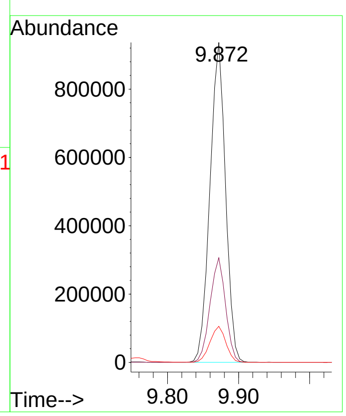
Tgt Ion:122 Resp:   96677
Ion   Ratio   Lower   Upper
122   100
107   114.4    89.2   133.8
121    59.2    46.3    69.5
```

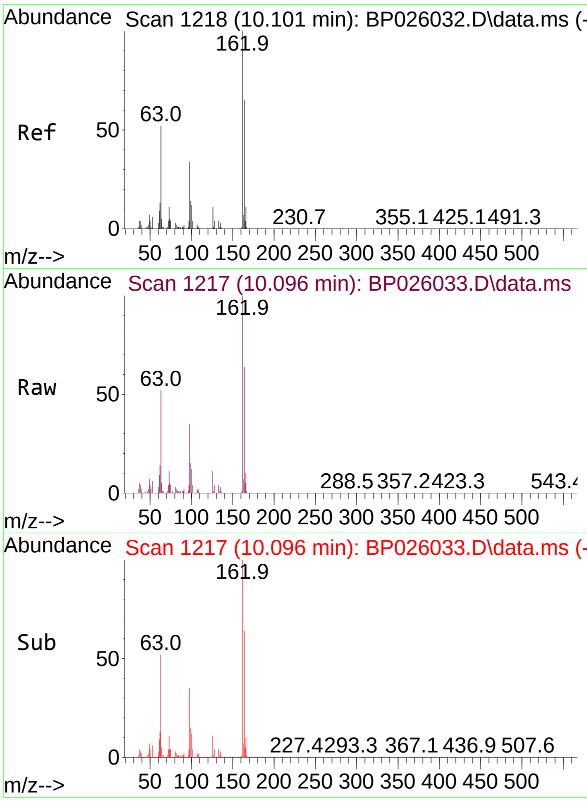





```
#28
bis(2-Chloroethoxy)methane
Concen:    45.719 ng
RT:    9.872 min   Scan# 1179
Delta R.T.   0.006 min
Lab File:    BP026033.D
Acq: 29 Oct 2025   12:51

Tgt Ion: 93 Resp: 1423542
Ion   Ratio   Lower   Upper
 93   100
 95    32.7    25.8    38.6
123    11.3     9.3    13.9
```





#29
2,4-Dichlorophenol
Concen: 47.877 ng
RT: 10.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:162 Resp: 105027

Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	35.0	14.0	54.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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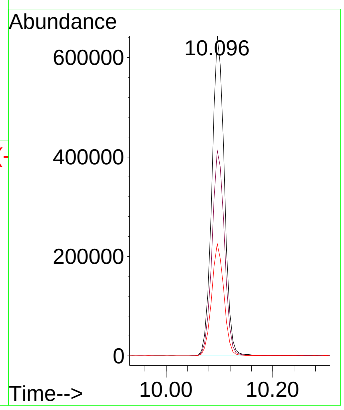
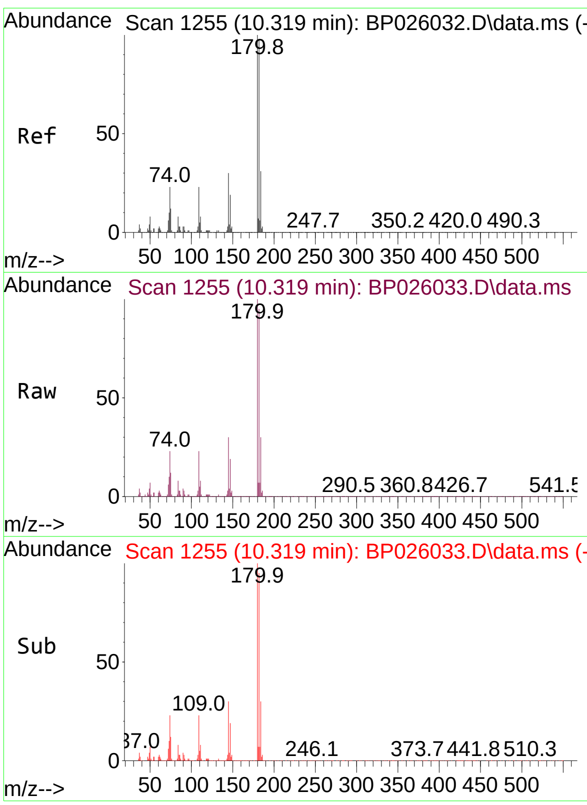
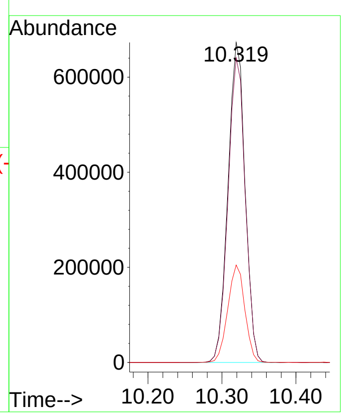




#30
1,2,4-Trichlorobenzene
Concen: 45.408 ng
RT: 10.319 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:180 Resp: 1082702

Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.6	117.8
145	30.4	24.2	36.4



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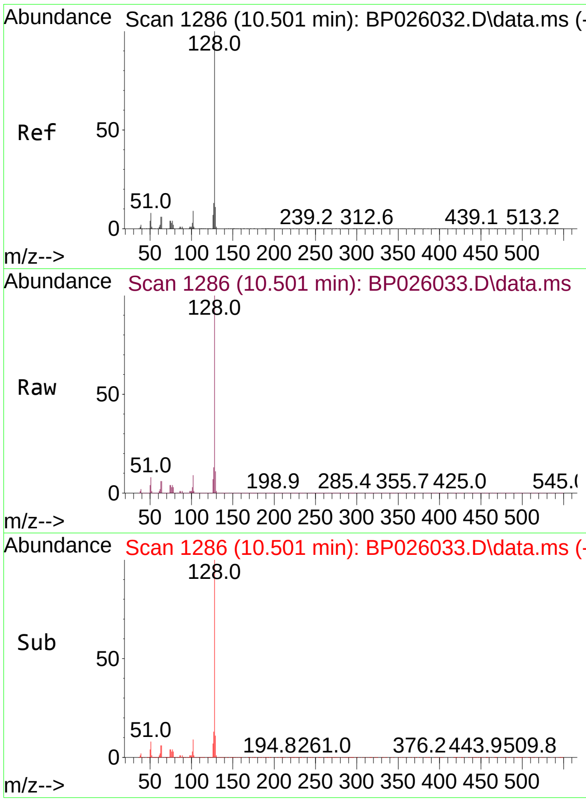

#31
Naphthalene
Concen: 44.821 ng
RT: 10.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 3517083

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	12.9	10.5	15.7

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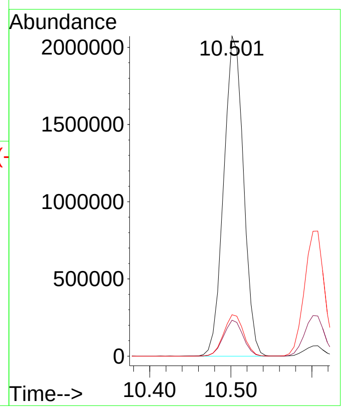
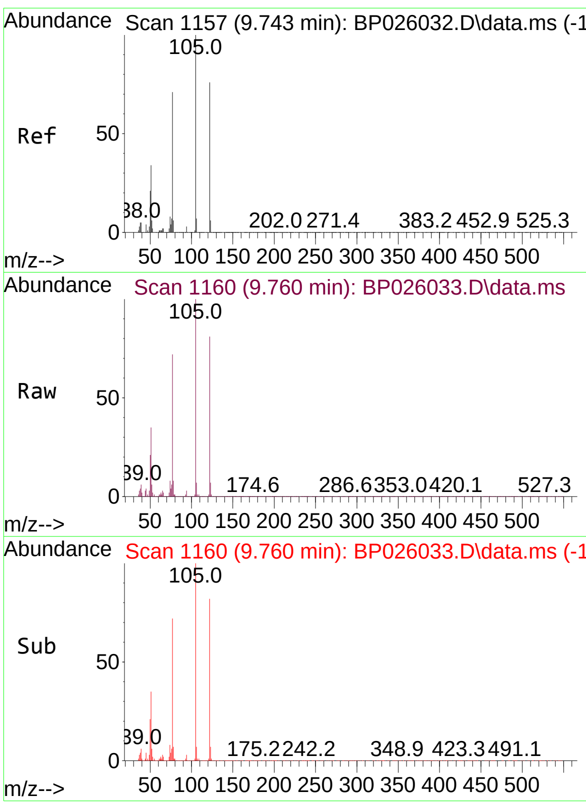
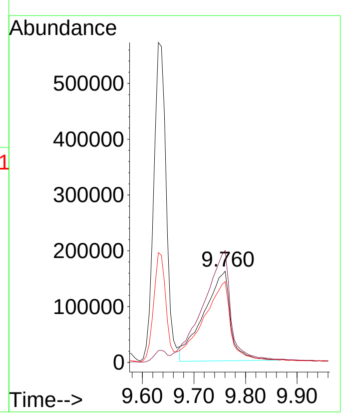


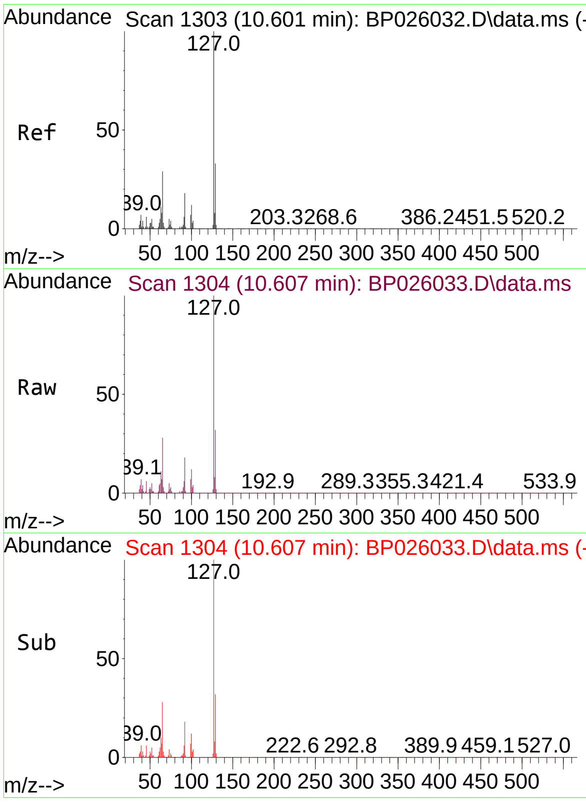


#32
Benzoic acid
Concen: 46.816 ng
RT: 9.760 min Scan# 1160
Delta R.T. -0.018 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:122 Resp: 583423

Ion	Ratio	Lower	Upper
122	100		
105	122.7	104.8	144.8
77	88.6	70.9	110.9





#33
4-Chloroaniline
Concen: 45.768 ng
RT: 10.607 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:127 Resp: 138008

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	28.2	23.2	34.8
92	18.0	14.5	21.7

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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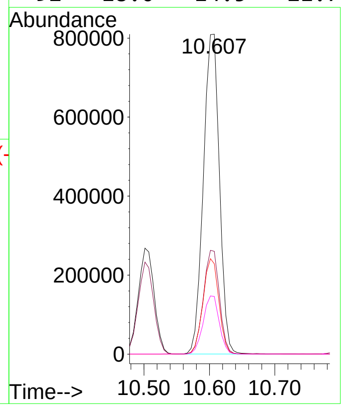
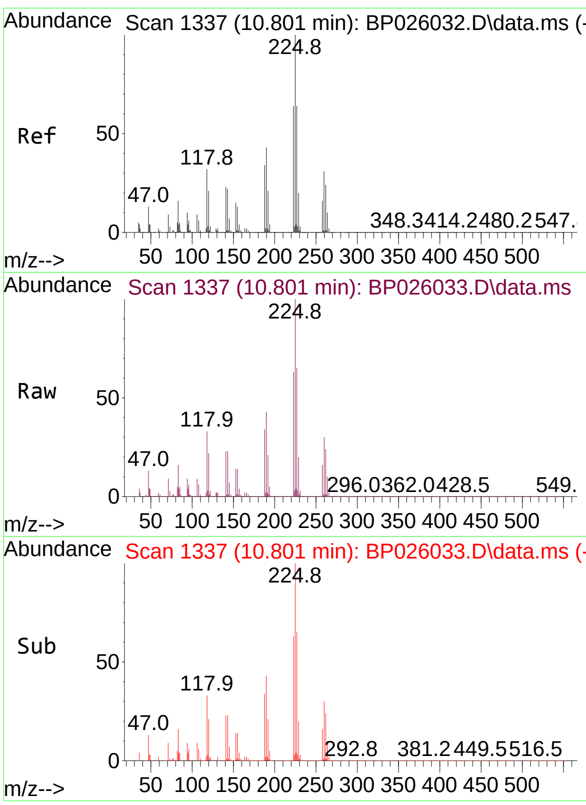
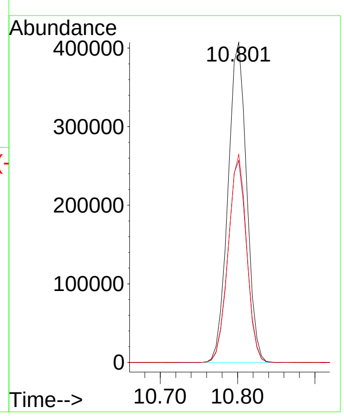




#34
Hexachlorobutadiene
Concen: 45.101 ng
RT: 10.801 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:225 Resp: 683383

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.9	76.3
227	65.0	51.0	76.4



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Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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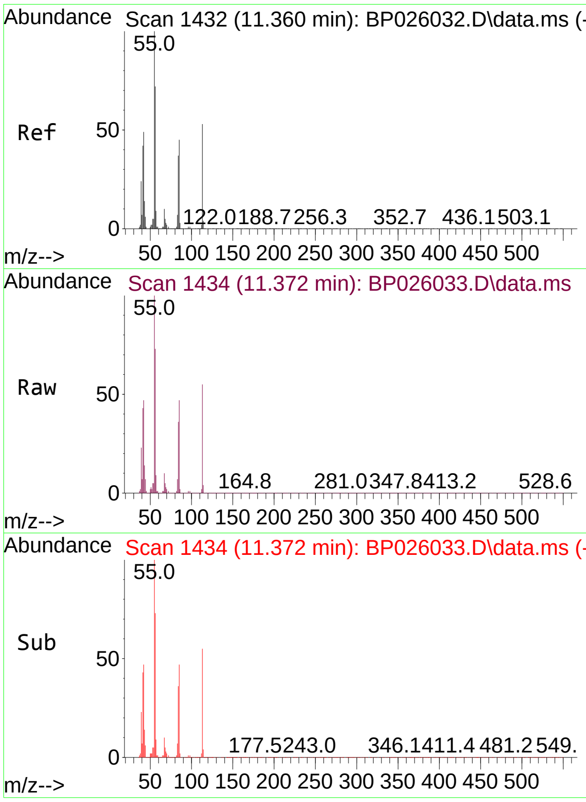
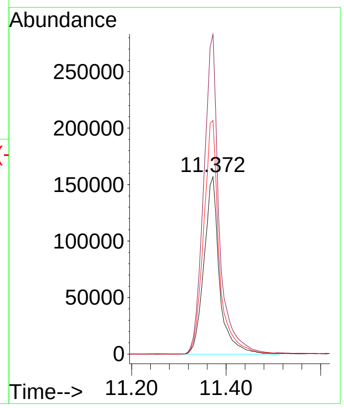
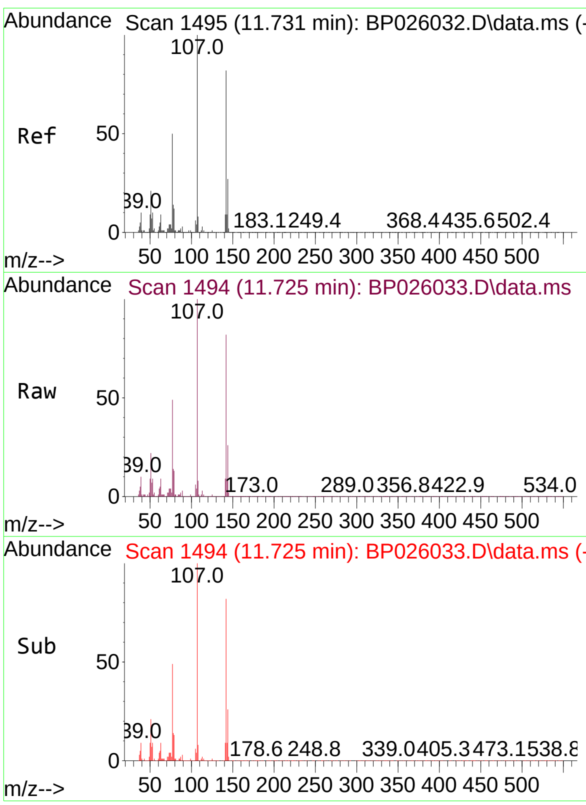


#35
Caprolactam
Concen: 46.253 ng
RT: 11.372 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:113 Resp: 356316

Ion	Ratio	Lower	Upper
113	100		
55	180.4	169.9	209.9
56	131.8	116.7	156.7

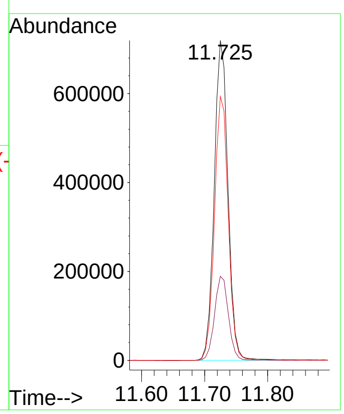


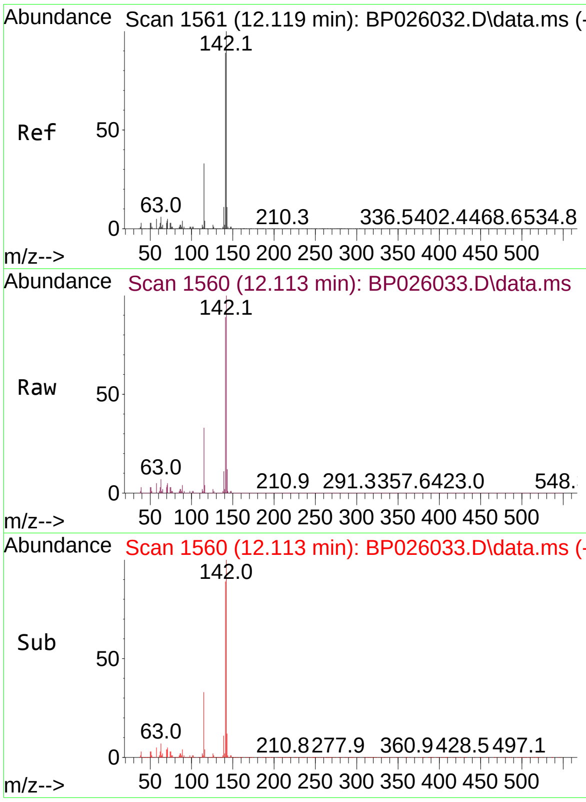


#36
4-Chloro-3-methylphenol
Concen: 47.466 ng
RT: 11.725 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:107 Resp: 1091555

Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.3	31.9
142	82.5	65.2	97.8





#37
2-Methylnaphthalene
Concen: 45.460 ng
RT: 12.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 249669

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.6	107.4
115	33.2	26.6	39.8

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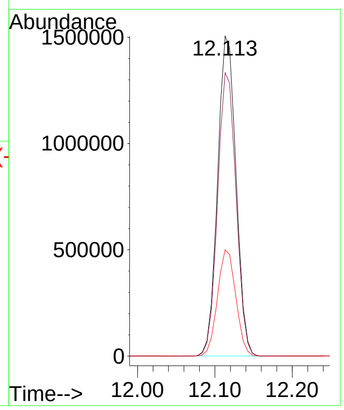
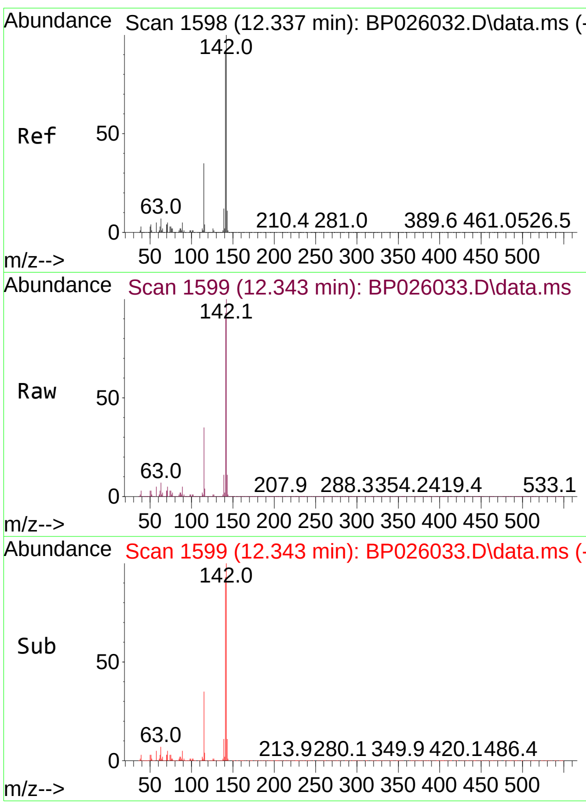
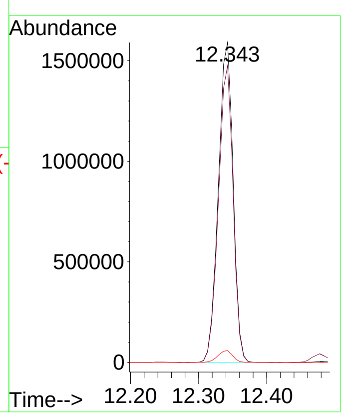




#38
1-Methylnaphthalene
Concen: 44.696 ng
RT: 12.343 min Scan# 1599
Delta R.T. 0.007 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:142 Resp: 2384802

Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.7	109.1
116	3.7	2.9	4.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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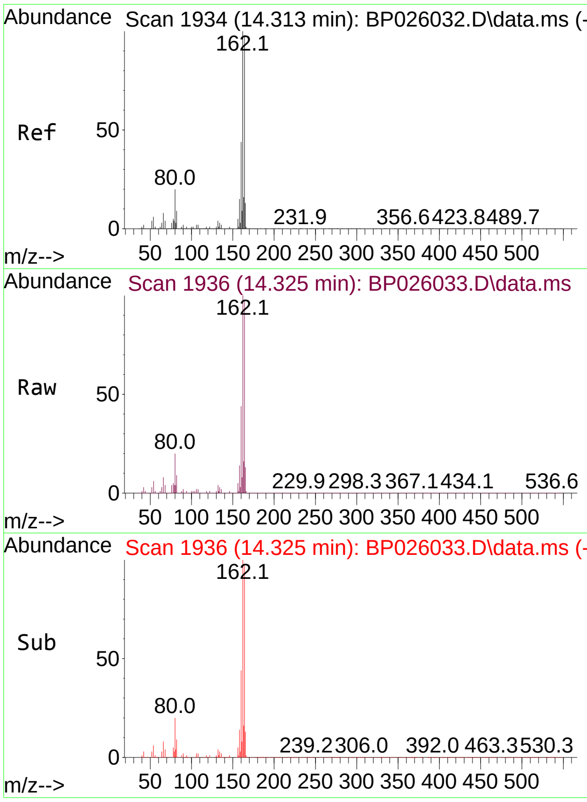
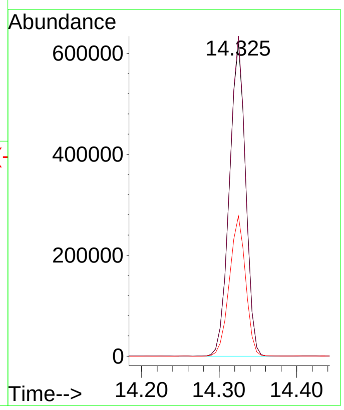
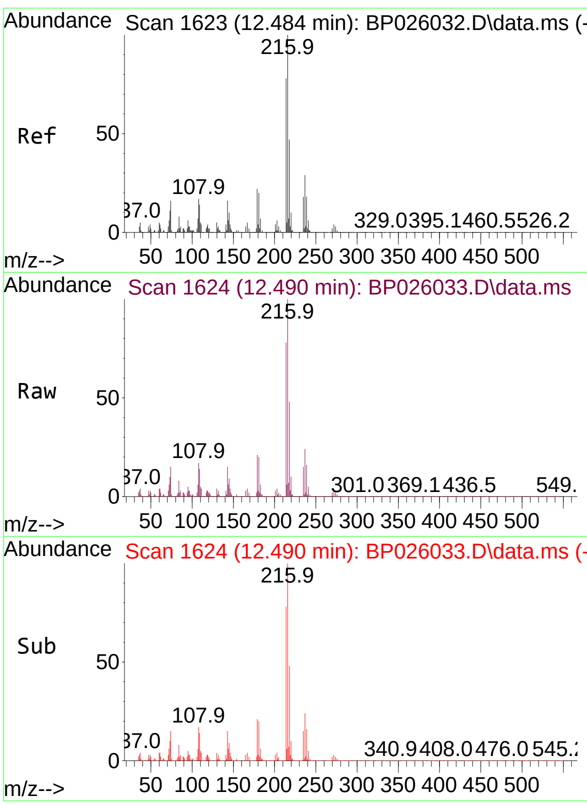


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:164 Resp: 90427

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.5	122.3
160	44.8	36.2	54.4

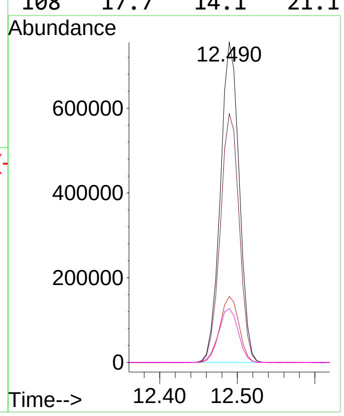




#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.422 ng
RT: 12.490 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:216 Resp: 1276225

Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.9	94.3
179	20.8	16.9	25.3
108	17.7	14.1	21.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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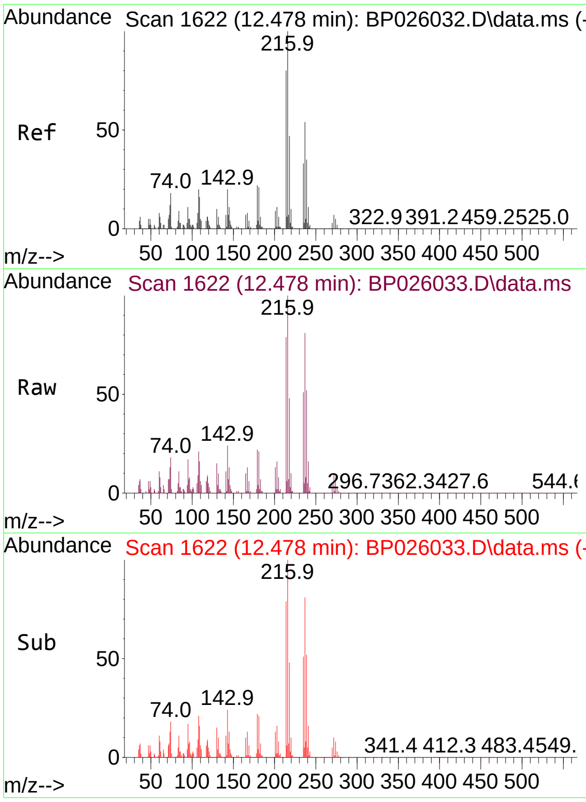
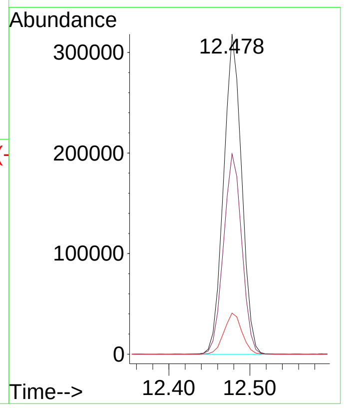
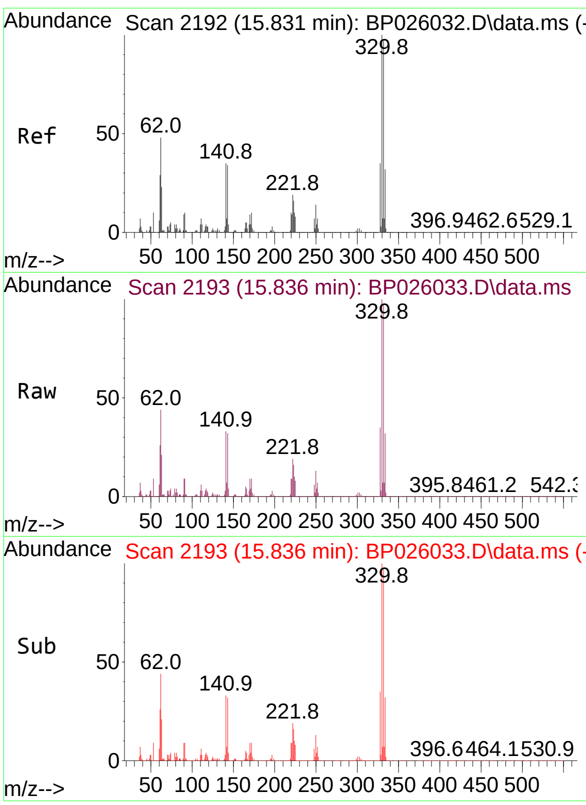


#41
Hexachlorocyclopentadiene
Concen: 47.892 ng
RT: 12.478 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:237 Resp: 49233

Ion	Ratio	Lower	Upper
237	100		
235	62.6	40.4	80.4
272	12.8	0.0	32.2

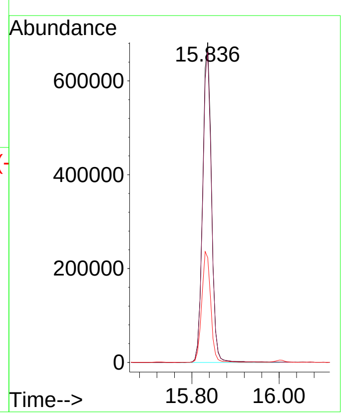




#42
2,4,6-Tribromophenol
Concen: 96.828 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:330 Resp: 946601

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	35.2	28.6	42.8



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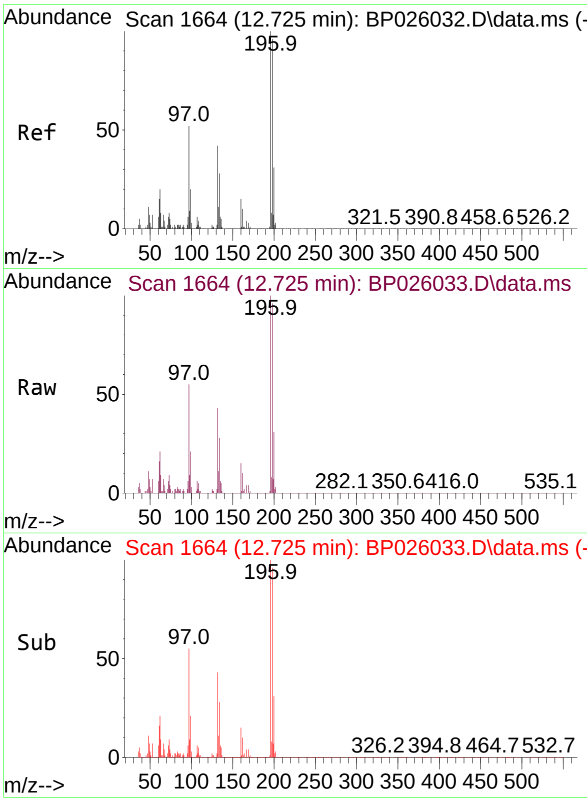

#43
2,4,6-Trichlorophenol
Concen: 49.033 ng
RT: 12.725 min Scan# 16
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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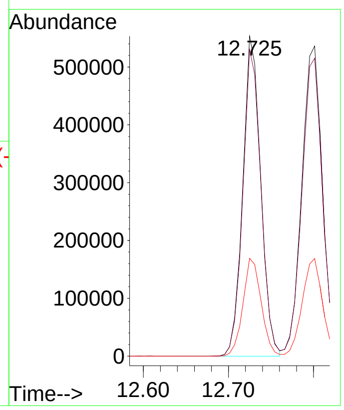
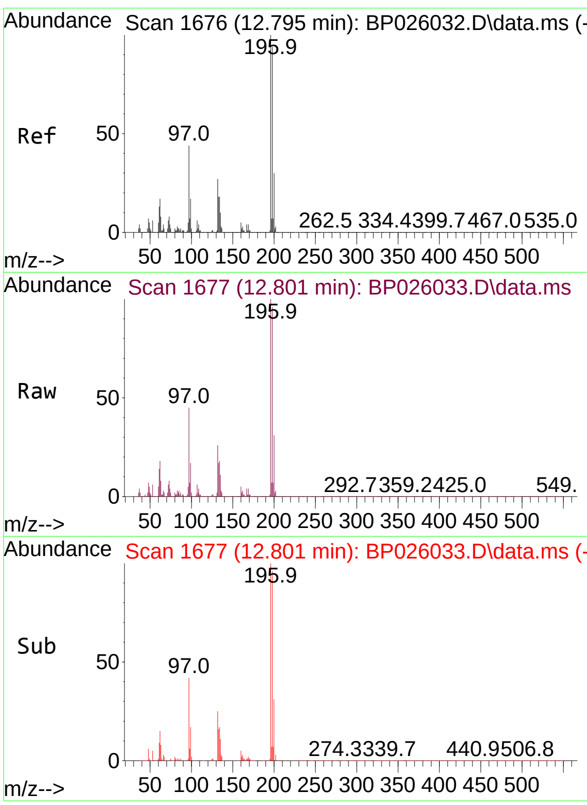
Tgt Ion:196 Resp: 814315

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.5	114.7
200	30.6	24.4	36.6

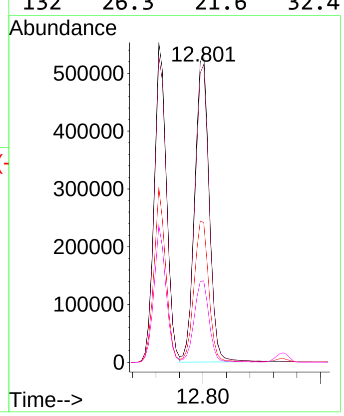




#44
2,4,5-Trichlorophenol
Concen: 48.327 ng
RT: 12.801 min Scan# 1677
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:196 Resp: 915816

Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.1	112.7
97	45.2	35.5	53.3
132	26.3	21.6	32.4



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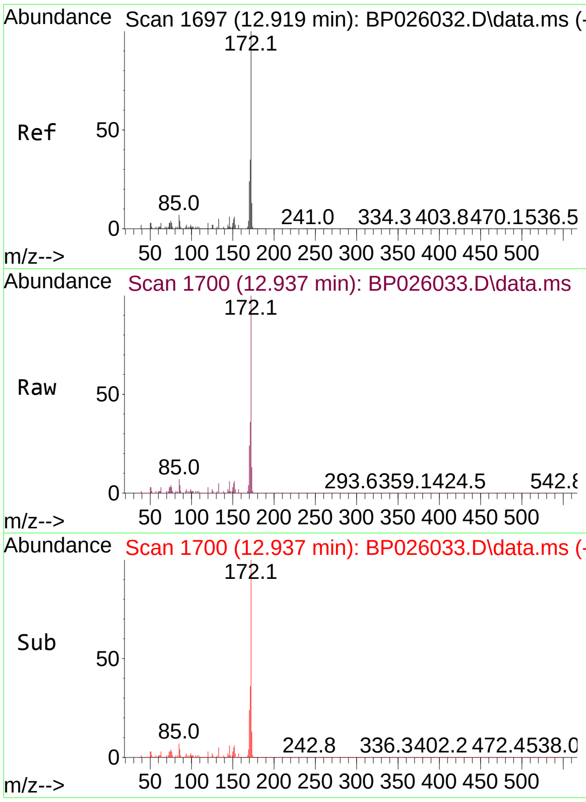
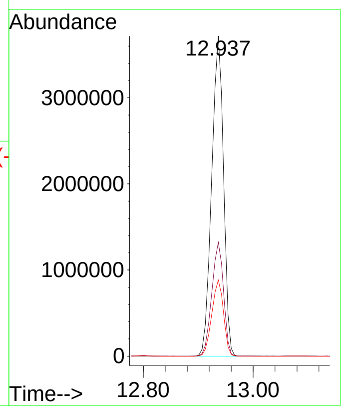


#45
2-Fluorobiphenyl
Concen: 88.427 ng
RT: 12.937 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:172 Resp: 556483

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	23.8	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
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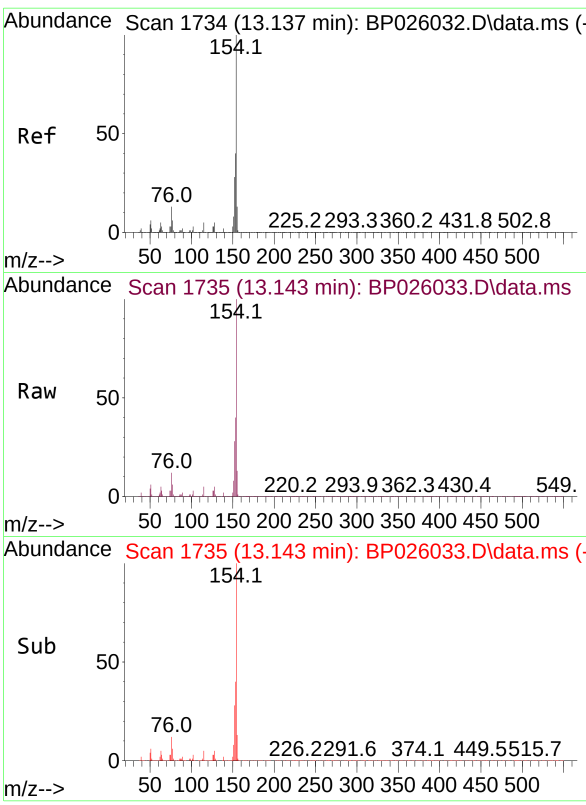
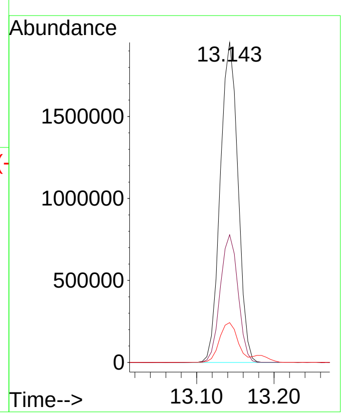
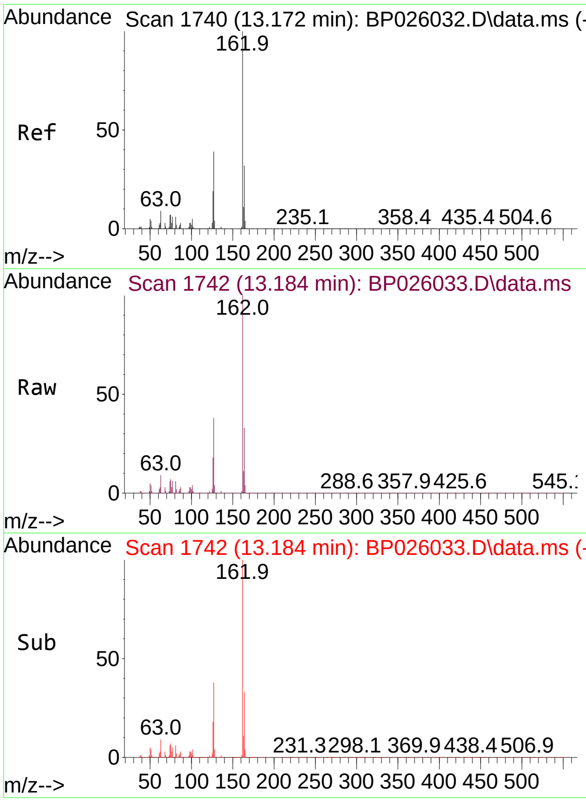


#46
1,1'-Biphenyl
Concen: 44.979 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:154 Resp: 3114348

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.2	60.2
76	12.4	0.0	32.8





#47
2-Chloronaphthalene
Concen: 45.251 ng
RT: 13.184 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 246520

Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.4	47.2
164	32.8	25.9	38.9

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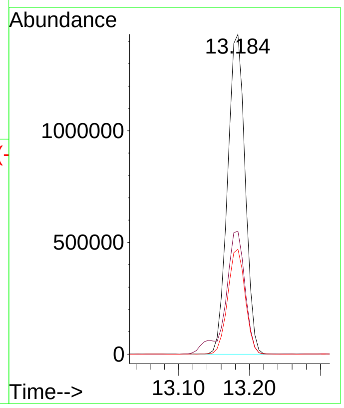
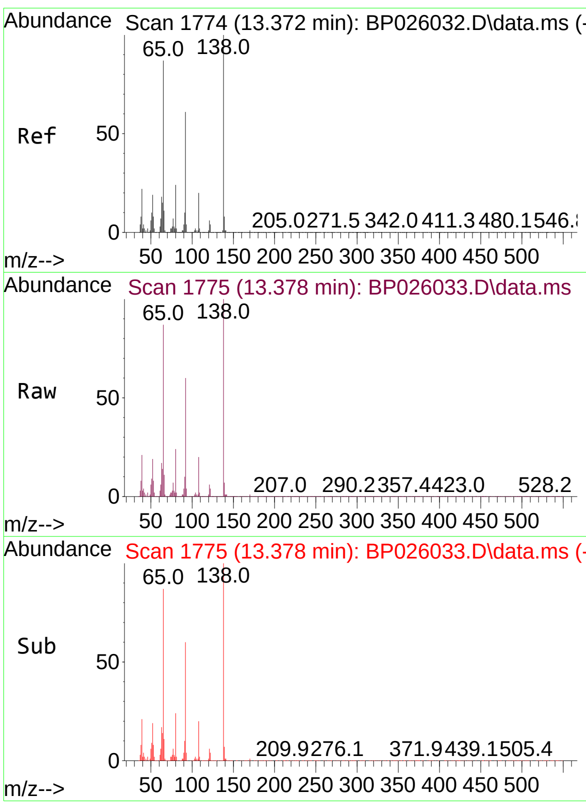
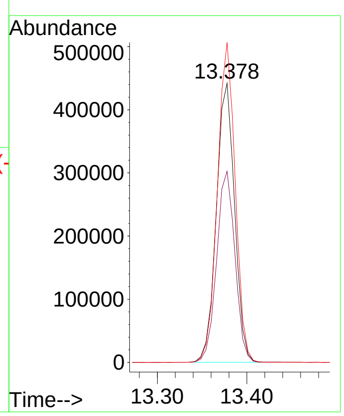


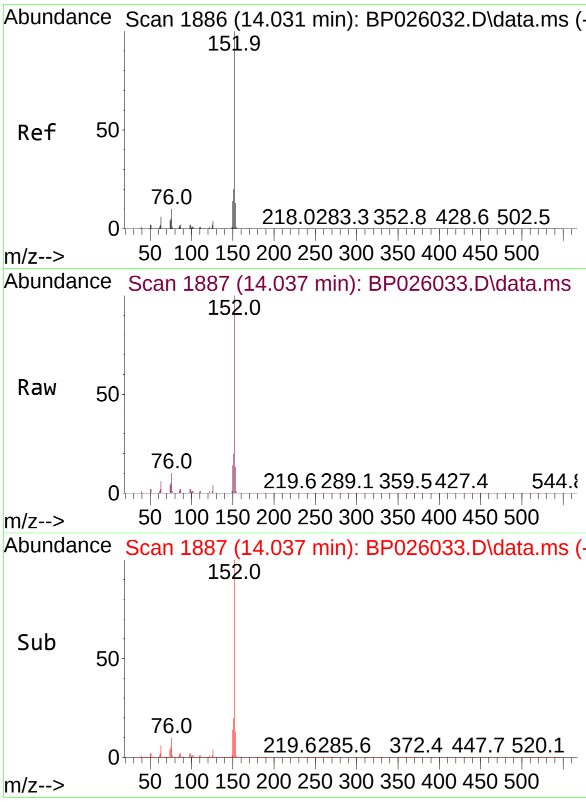


#48
2-Nitroaniline
Concen: 45.673 ng
RT: 13.378 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 65 Resp: 626496

Ion	Ratio	Lower	Upper
65	100		
92	68.5	55.5	83.3
138	114.6	91.7	137.5





#49
Acenaphthylene
Concen: 46.069 ng
RT: 14.037 min Scan# 18
Delta R.T. 0.001 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:152 Resp: 365797

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.1	10.6	16.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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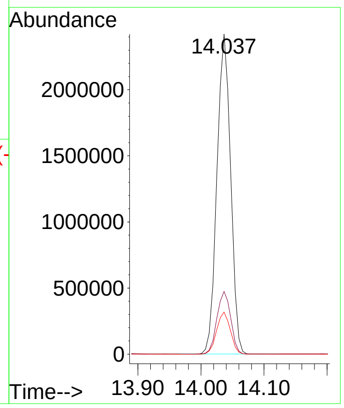
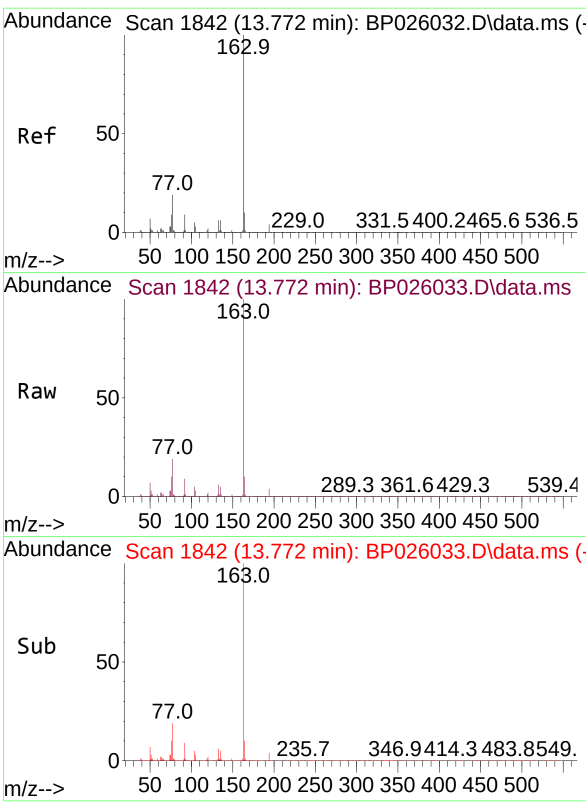
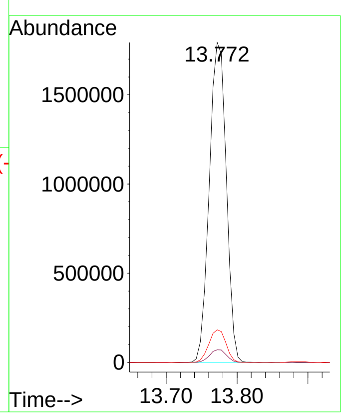




#50
Dimethylphthalate
Concen: 45.465 ng
RT: 13.772 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:163 Resp: 2990506

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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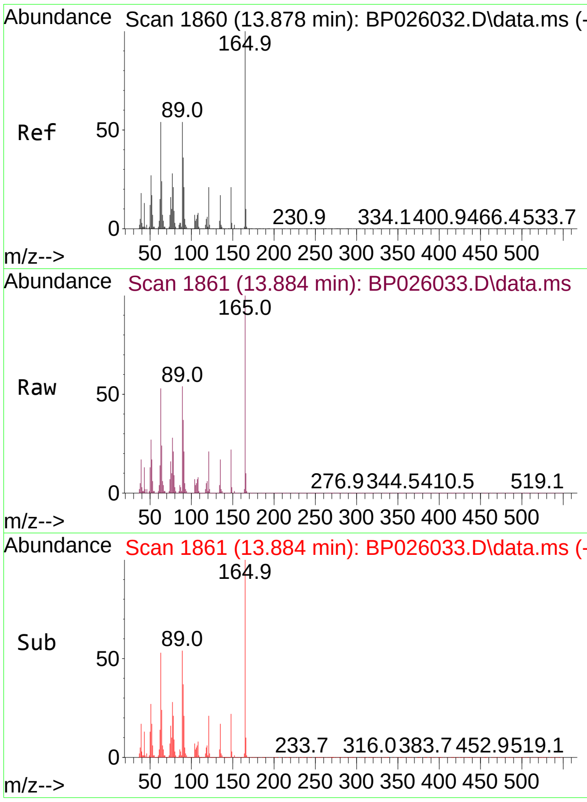
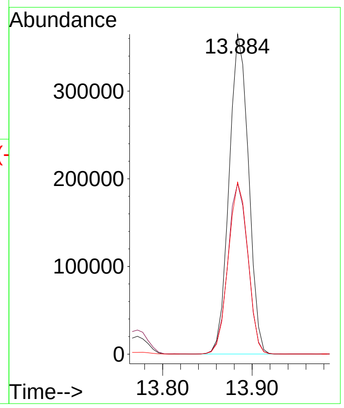
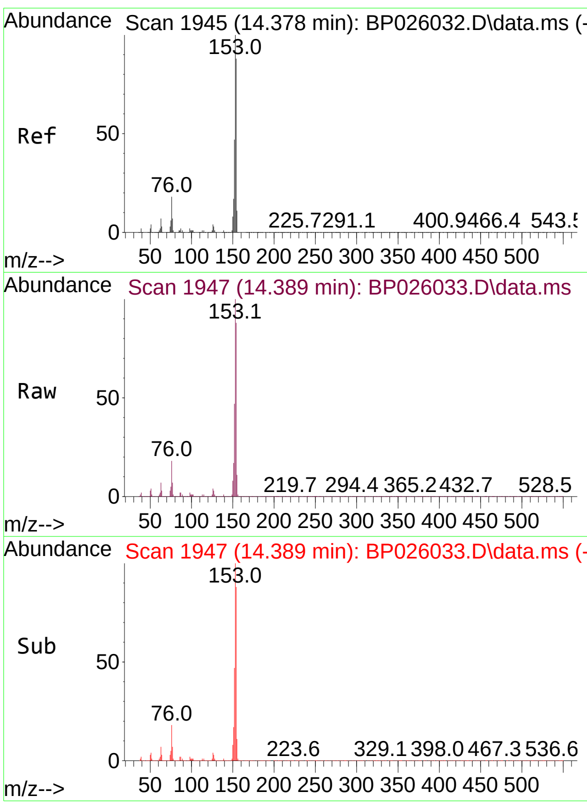


#51
2,6-Dinitrotoluene
Concen: 45.947 ng
RT: 13.884 min Scan# 18
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:165 Resp: 554294

Ion	Ratio	Lower	Upper
165	100		
63	53.4	43.0	64.4
89	53.7	43.0	64.4

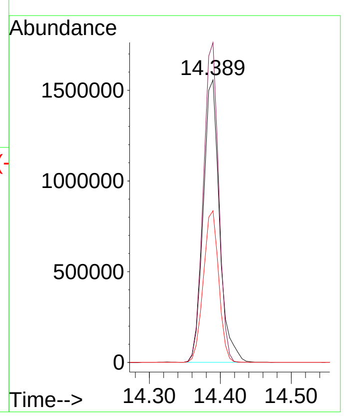




#52
Acenaphthene
Concen: 45.148 ng
RT: 14.389 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:154 Resp: 2461012

Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.0	136.4
152	53.7	42.7	64.1



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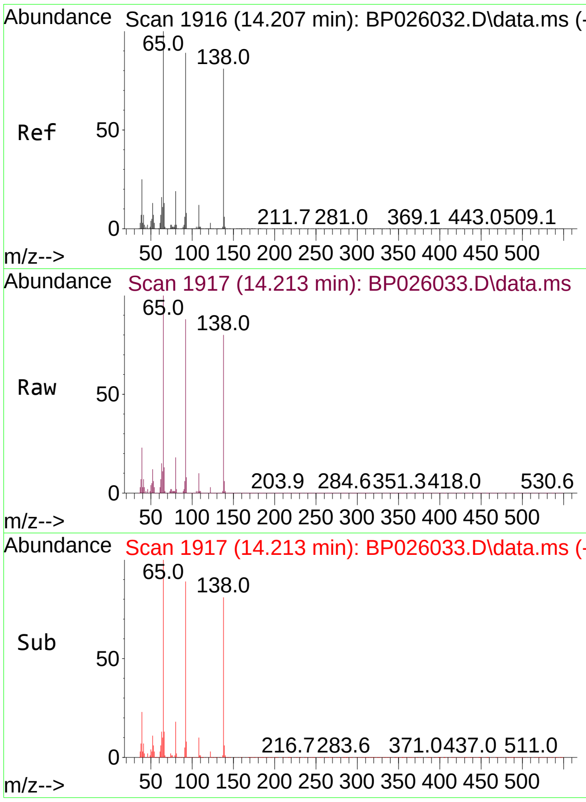

#53
3-Nitroaniline
Concen: 45.125 ng
RT: 14.213 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 66620

Ion	Ratio	Lower	Upper
138	100		
108	13.0	11.4	17.0
92	110.3	87.1	130.7

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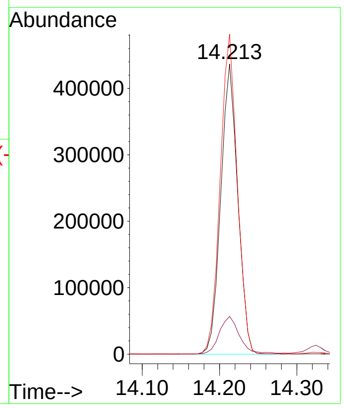
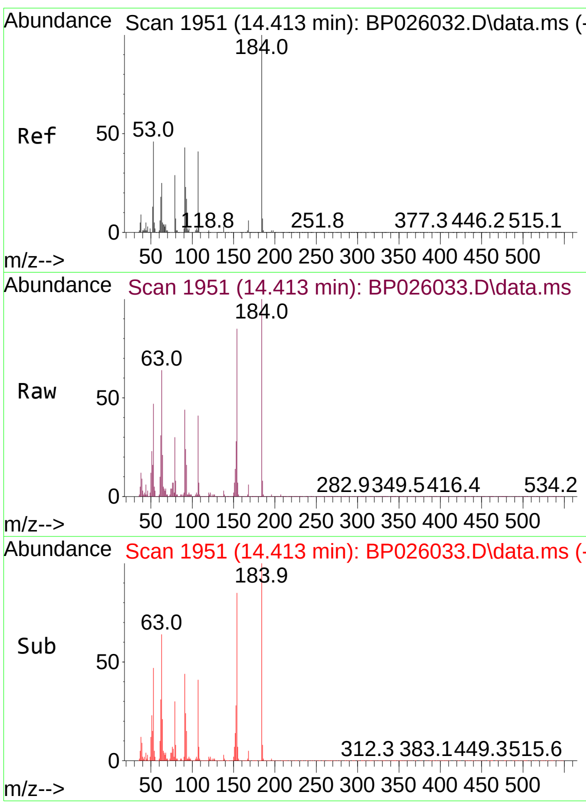
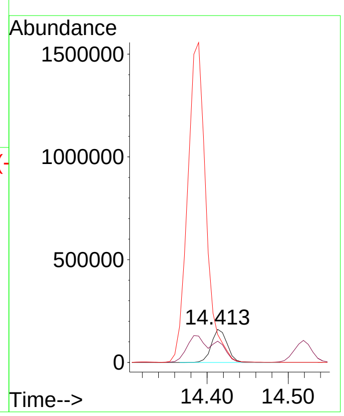




#54
2,4-Dinitrophenol
Concen: 46.408 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:184 Resp: 217265

Ion	Ratio	Lower	Upper
184	100		
63	63.9	49.0	73.4
154	84.5	51.0	76.6#



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Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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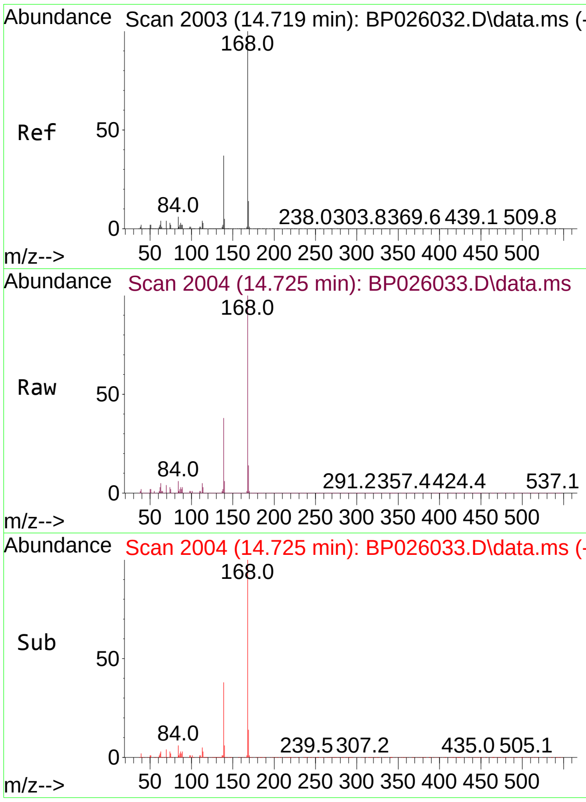
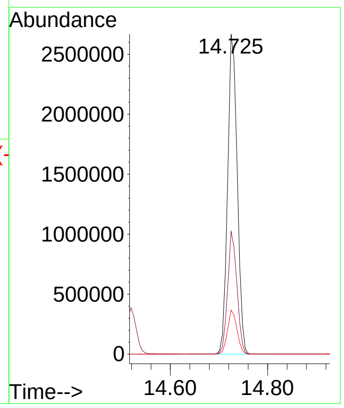
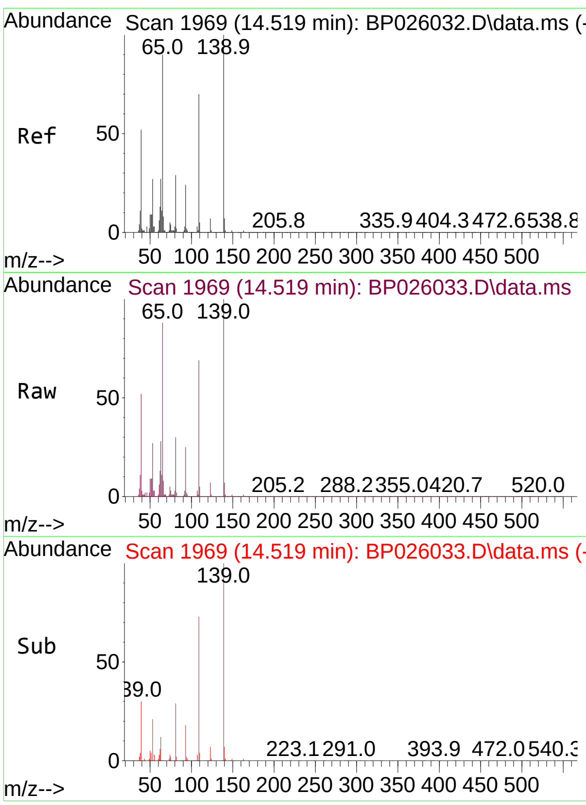



```
#55
Dibenzofuran
Concen:   44.295 ng
RT:  14.725 min  Scan# 20
Delta R.T.  -0.000 min
Lab File:   BP026033.D
Acq: 29 Oct 2025  12:51

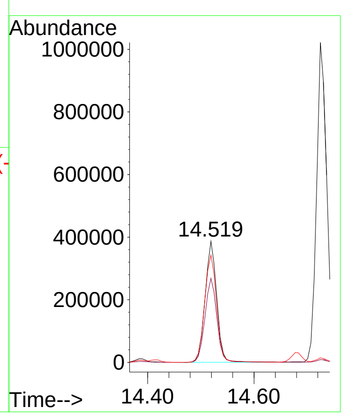
Tgt Ion:168 Resp: 3647999
Ion  Ratio  Lower  Upper
168  100
139   38.3   29.7   44.5
169   13.7   11.0   16.4
```






```
#56
4-Nitrophenol
Concen:   44.465 ng
RT:  14.519 min  Scan# 1969
Delta R.T.  -0.000 min
Lab File:   BP026033.D
Acq: 29 Oct 2025  12:51

Tgt Ion:139 Resp:  583197
Ion  Ratio  Lower  Upper
139  100
109   69.4   50.0   90.0
 65   88.5   69.6  109.6
```



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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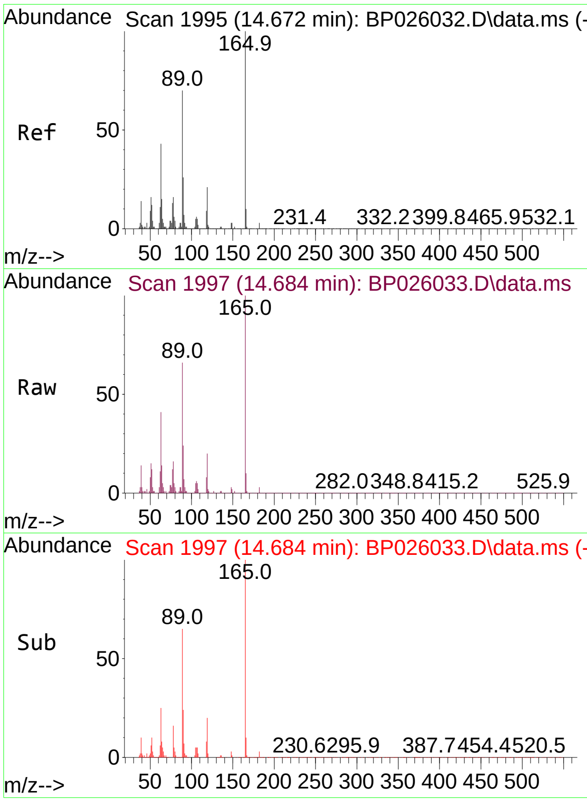
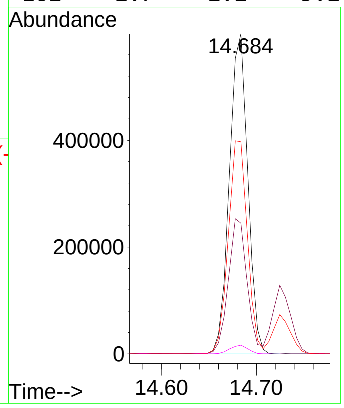
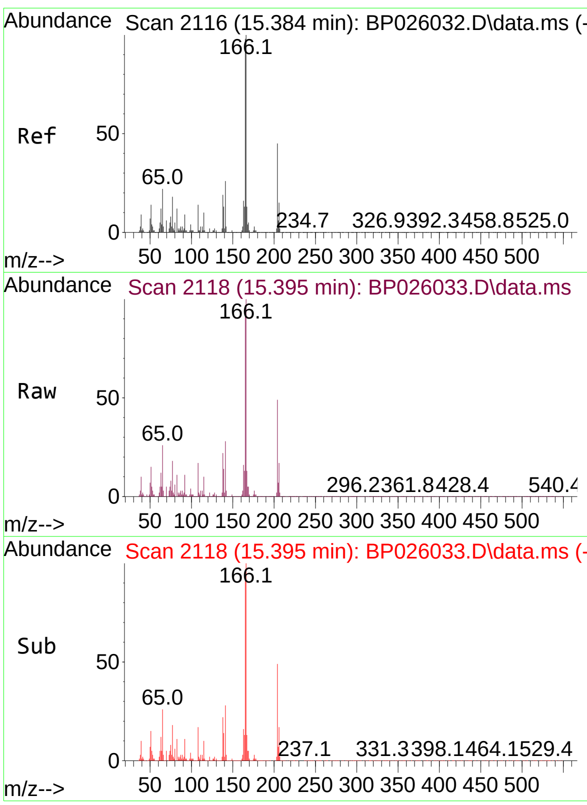


#57
2,4-Dinitrotoluene
Concen: 46.376 ng
RT: 14.684 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:165 Resp: 81296

Ion	Ratio	Lower	Upper
165	100		
63	40.8	34.2	51.2
89	66.3	56.0	84.0
182	2.7	2.2	3.2

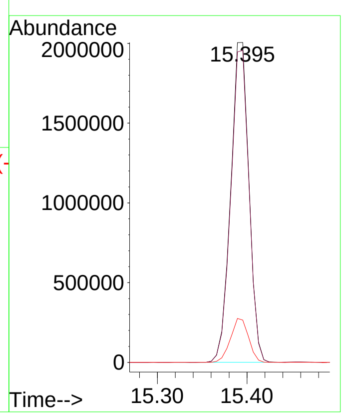


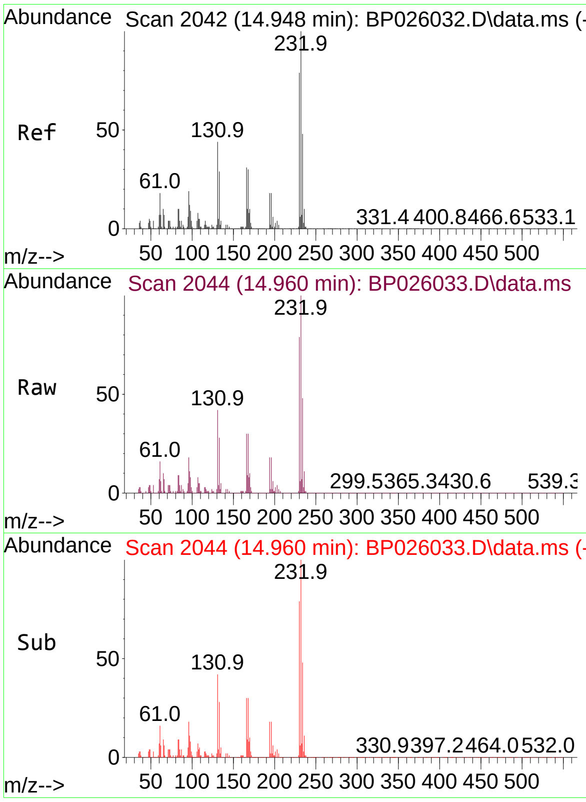


#58
Fluorene
Concen: 44.149 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:166 Resp: 2848597

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.1	117.1
167	13.2	10.6	16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.733 ng
RT: 14.960 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 74100

Ion	Ratio	Lower	Upper
232	100		
131	44.1	35.2	52.8
130	2.3	1.7	2.5
166	30.8	24.6	36.8

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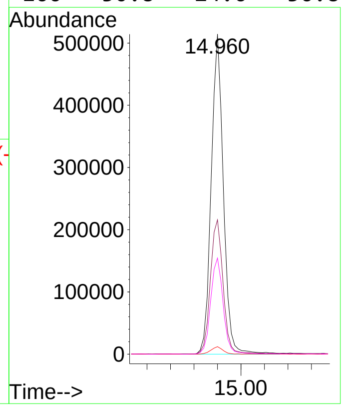
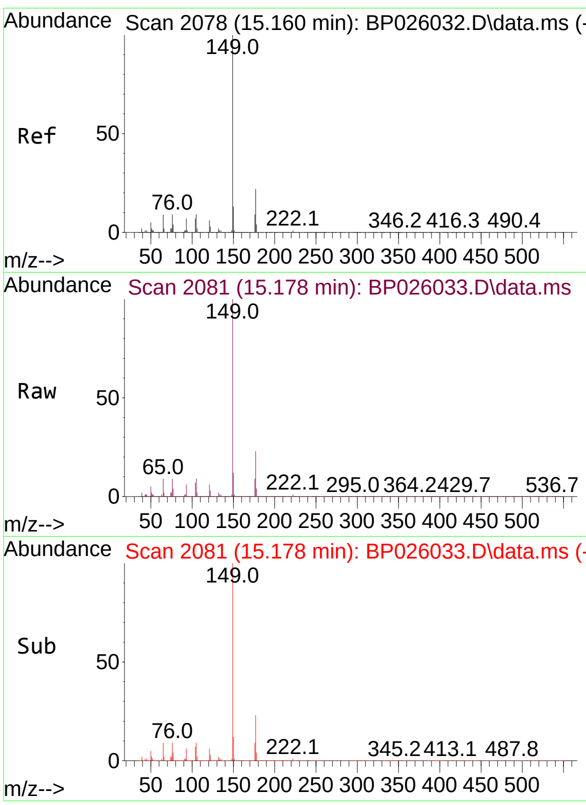
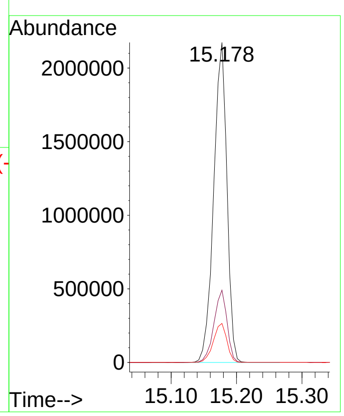


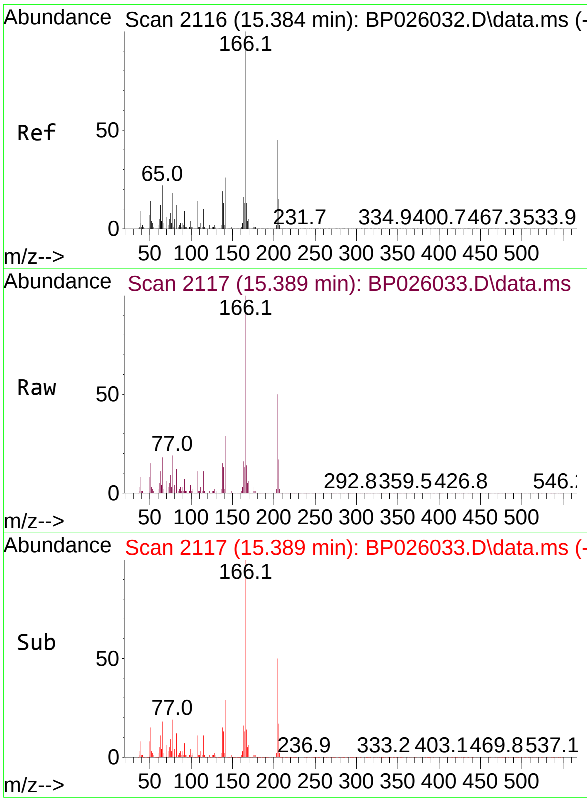


#60
Diethylphthalate
Concen: 46.159 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:149 Resp: 3052331

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.9	26.9
150	12.2	10.1	15.1

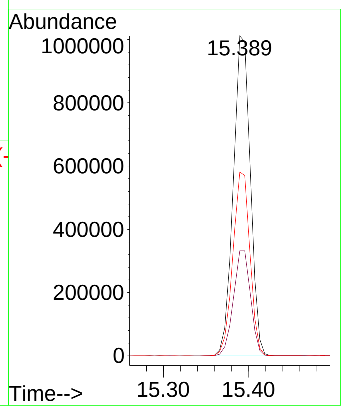




#61
4-Chlorophenyl-phenylether
Concen: 43.714 ng
RT: 15.389 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:204 Resp: 140851

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	57.4	47.0	70.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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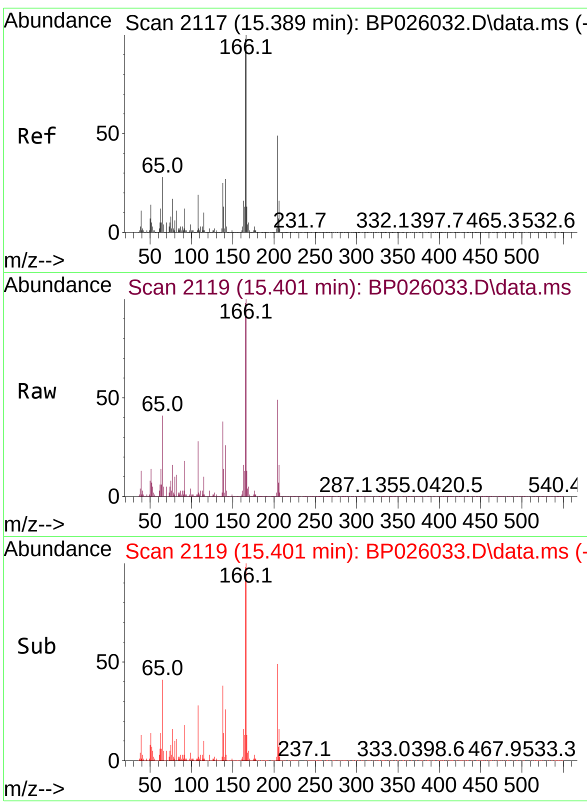
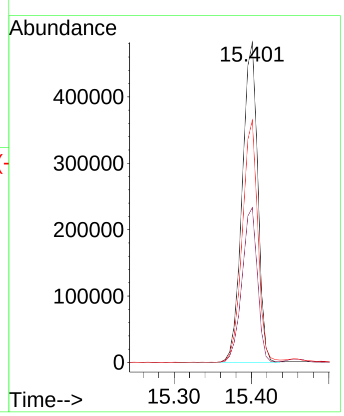


#62
4-Nitroaniline
Concen: 47.907 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:138 Resp: 673347

Ion	Ratio	Lower	Upper
138	100		
92	48.4	28.2	68.2
108	75.7	56.0	96.0



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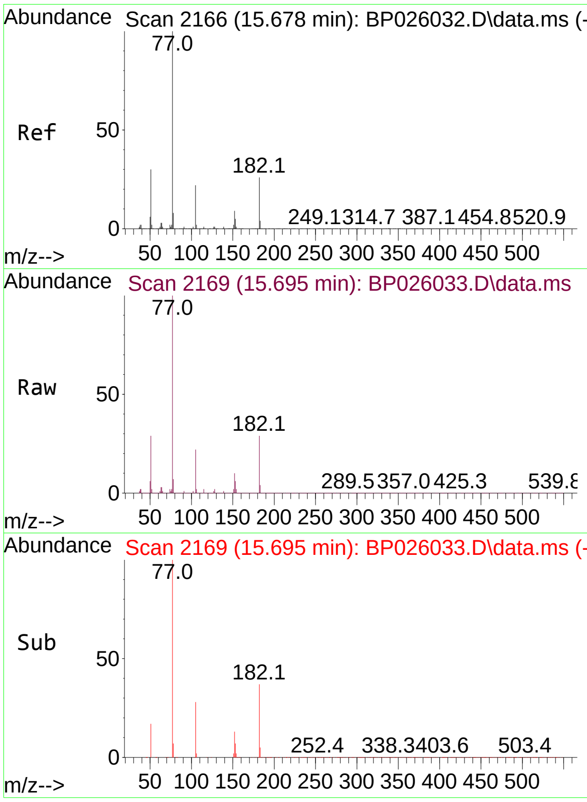
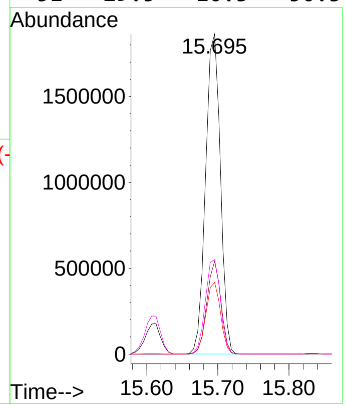


#63
Azobenzene
Concen: 44.816 ng
RT: 15.695 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 77 Resp: 268582

Ion	Ratio	Lower	Upper
77	100		
182	29.0	6.4	46.4
105	22.5	2.2	42.2
51	29.5	10.3	50.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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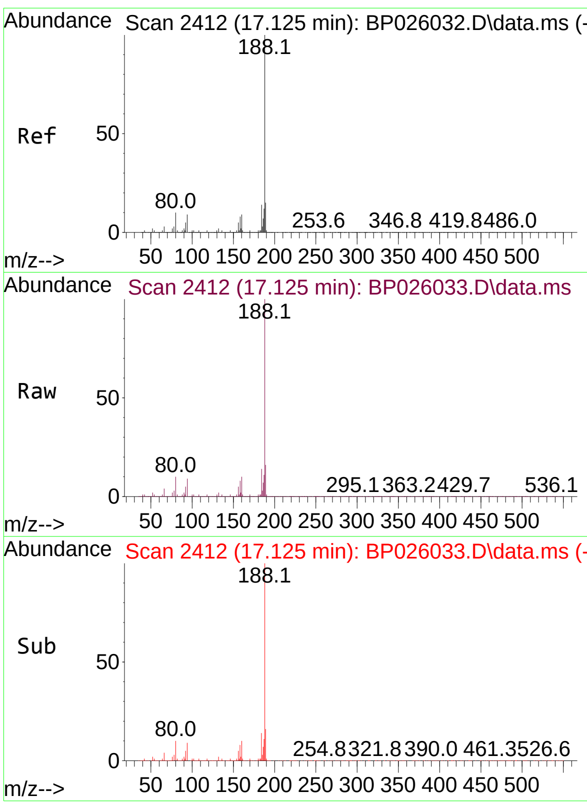
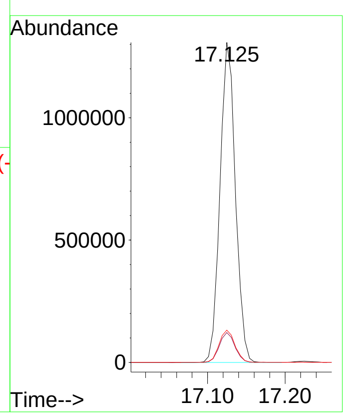


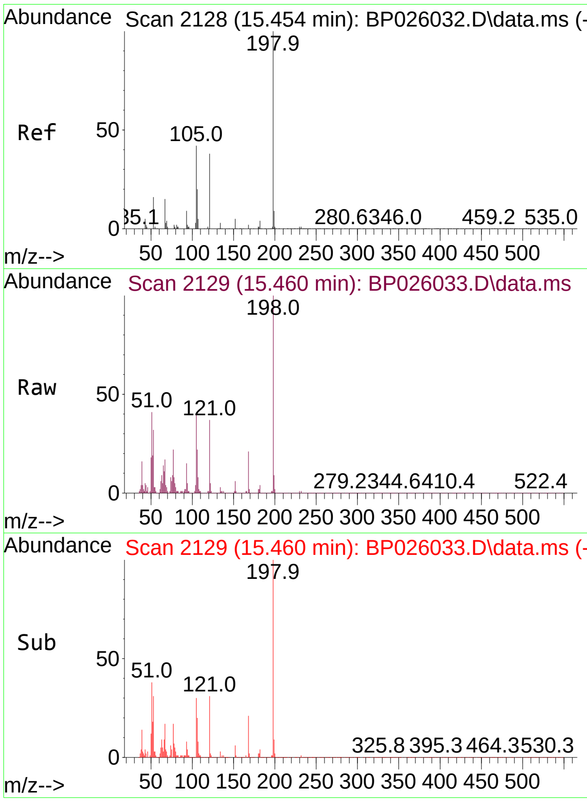
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:188 Resp: 1803155

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	10.1	7.9	11.9



ICAL Form



#65
4,6-Dinitro-2-methylphenol
Concen: 46.617 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 33687

Ion	Ratio	Lower	Upper
198	100		
51	40.7	25.2	65.2
105	40.1	23.7	63.7

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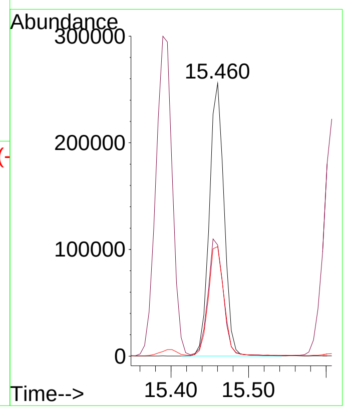
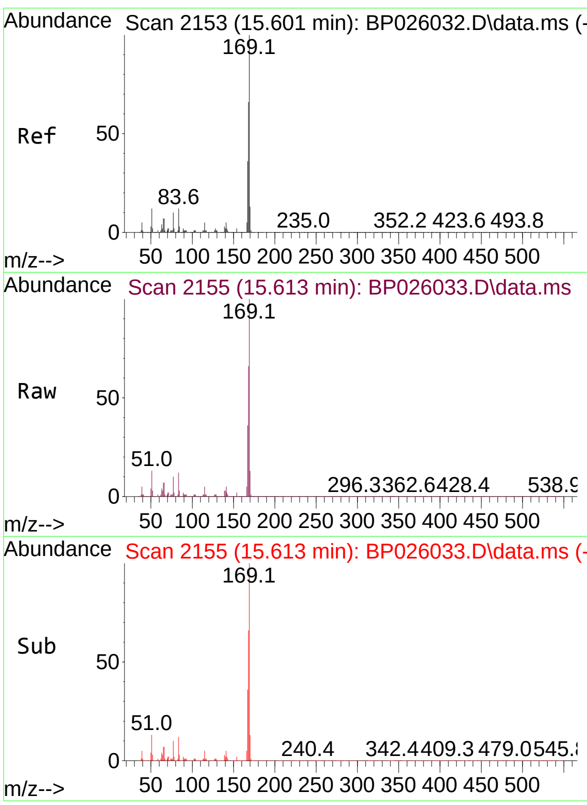
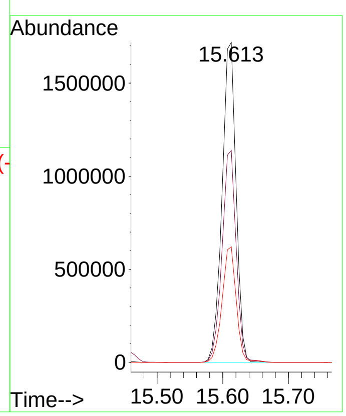




#66
n-Nitrosodiphenylamine
Concen: 45.350 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:169 Resp: 2556770

Ion	Ratio	Lower	Upper
169	100		
168	66.2	52.9	79.3
167	36.1	28.9	43.3



ICAL Form

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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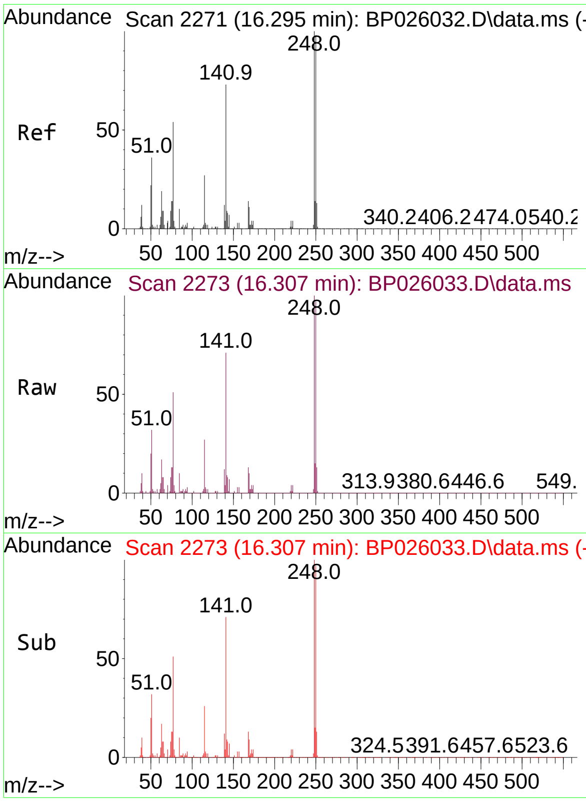
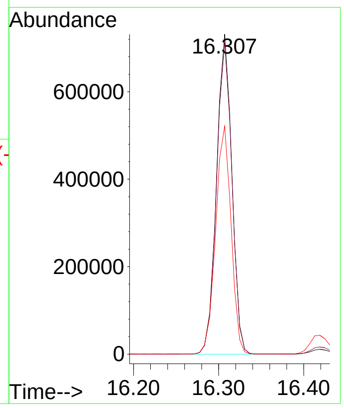
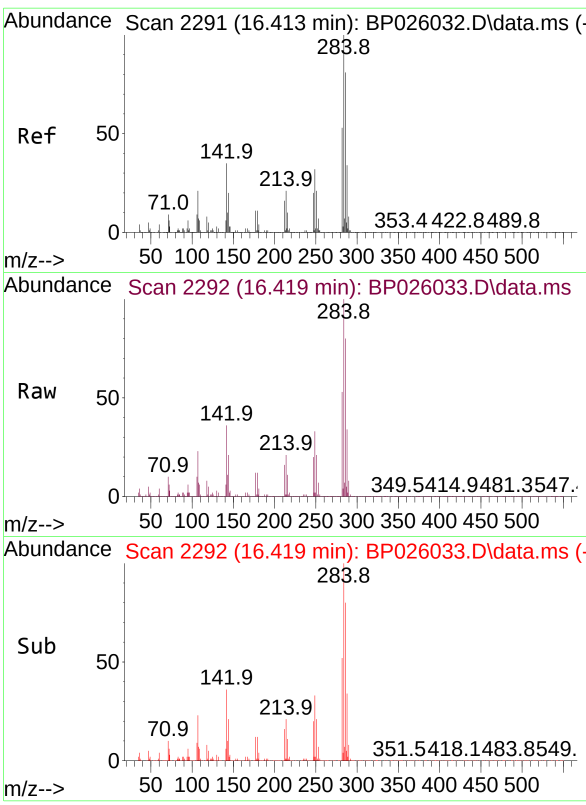



```
#67
4-Bromophenyl-phenylether
Concen:   45.926 ng
RT:  16.307 min  Scan# 2
Delta R.T.  0.006 min
Lab File:   BP026033.D
Acq: 29 Oct 2025  12:51

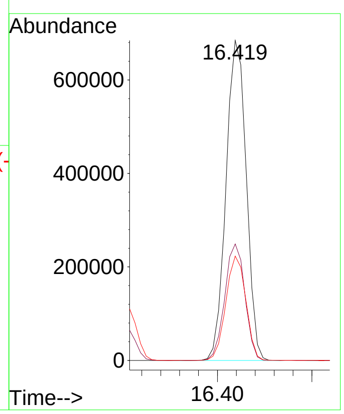
Tgt Ion:248 Resp:  91858
Ion  Ratio  Lower  Upper
248  100
250   97.4   78.4  117.6
141   71.2   58.3   87.5
```



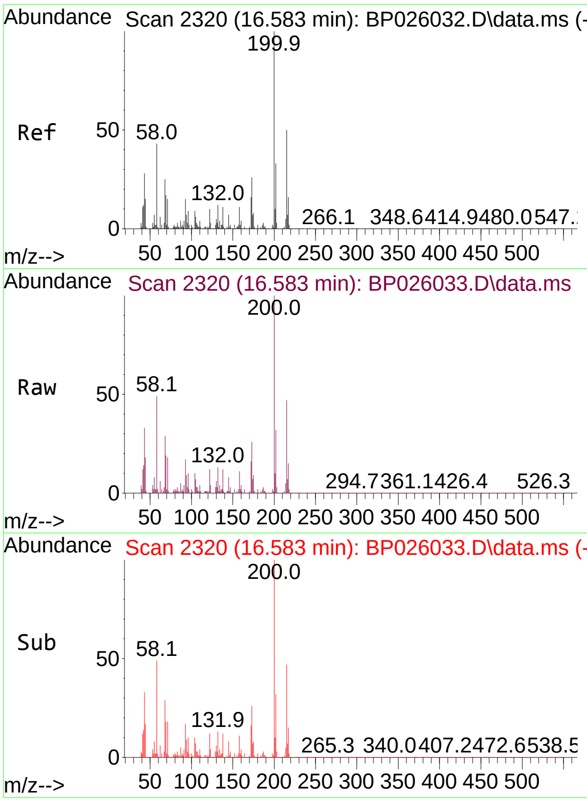



```
#68
Hexachlorobenzene
Concen:   44.671 ng
RT:  16.419 min  Scan# 2292
Delta R.T.  0.000 min
Lab File:   BP026033.D
Acq: 29 Oct 2025  12:51

Tgt Ion:284 Resp: 1017148
Ion  Ratio  Lower  Upper
284  100
142   36.4   27.7   41.5
249   32.6   25.5   38.3
```



ICAL Form



#69
Atrazine
Concen: 45.648 ng
RT: 16.583 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:200 Resp: 86816

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.2	46.2
215	47.5	29.8	69.8

Instrument :
BNA_P
ClientSampleId :
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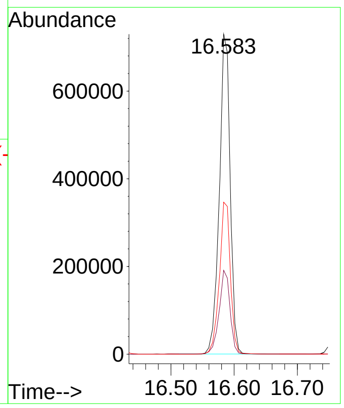
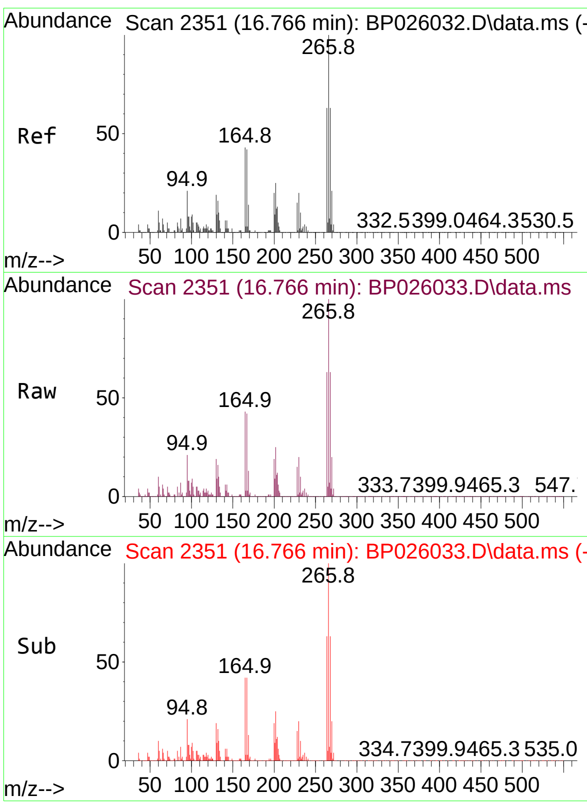
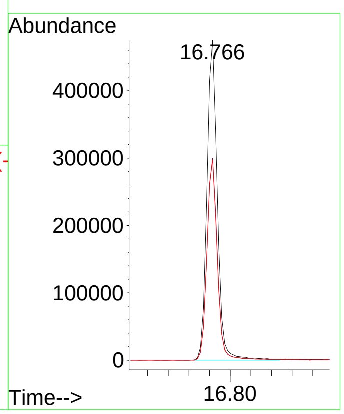


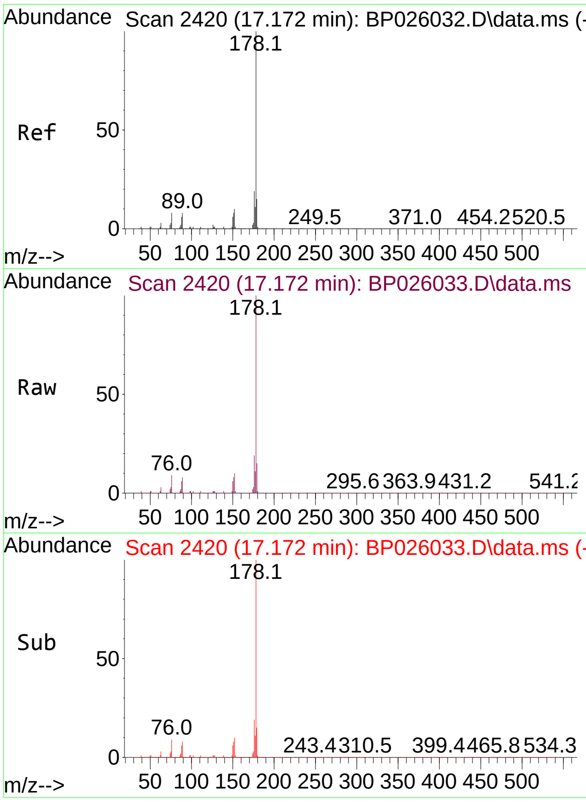


#70
Pentachlorophenol
Concen: 48.009 ng
RT: 16.766 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:266 Resp: 667717

Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.6	76.0
264	62.6	50.2	75.4





#71
Phenanthrene
Concen: 44.270 ng
RT: 17.172 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 464624

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.3	18.5

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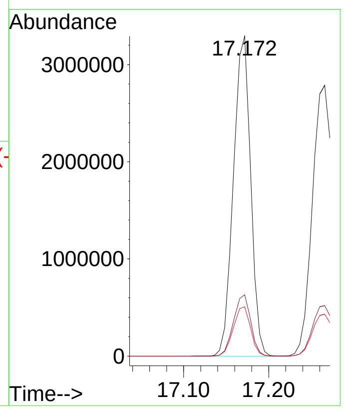
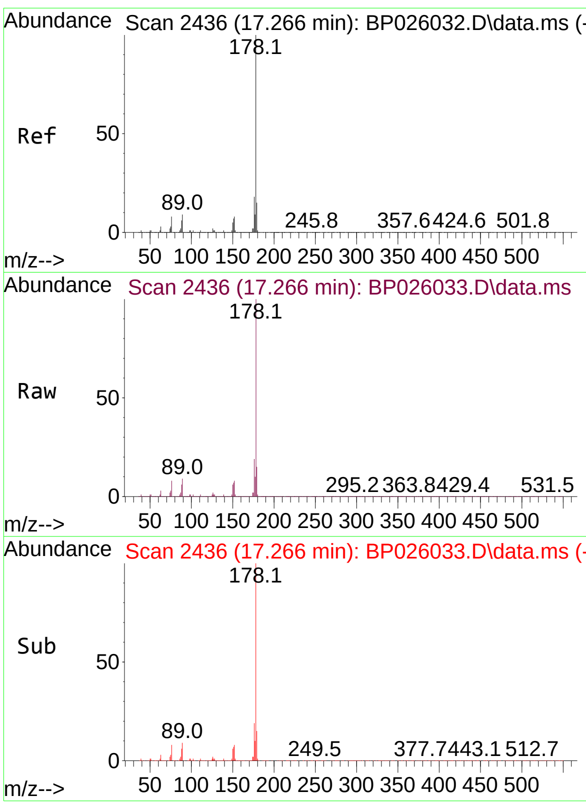
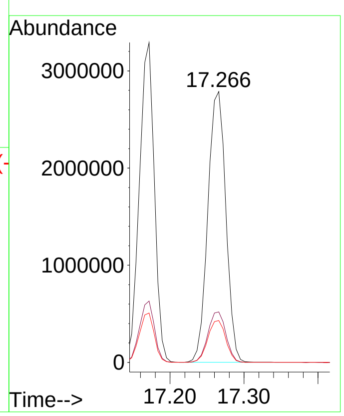


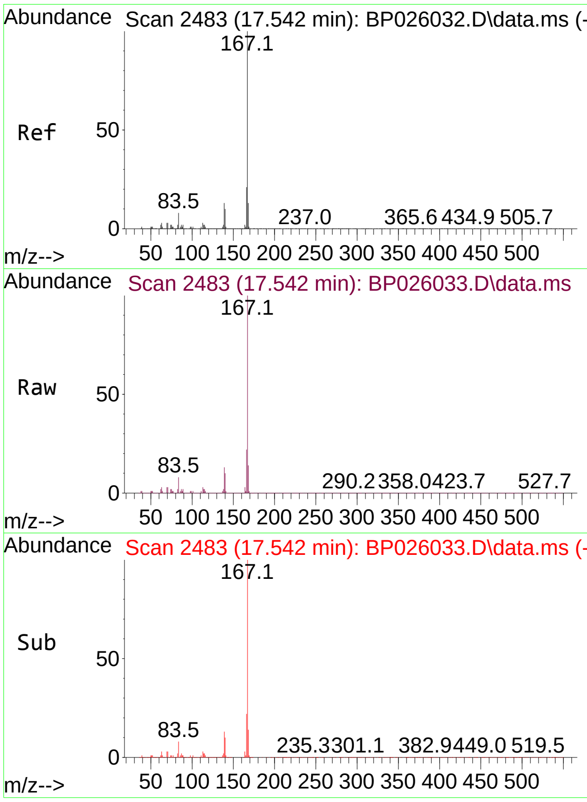


#72
Anthracene
Concen: 45.221 ng
RT: 17.266 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:178 Resp: 4704548

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.4	12.2	18.4





#73
Carbazole
Concen: 44.353 ng
RT: 17.542 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:167 Resp: 436788

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	13.1	10.2	15.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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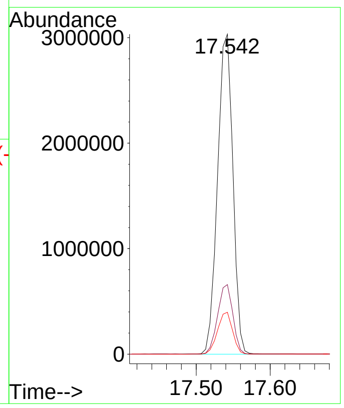
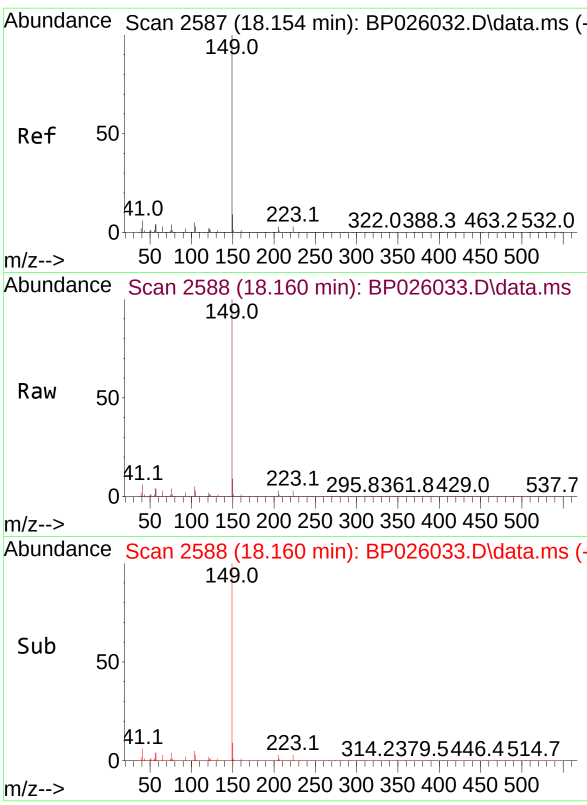
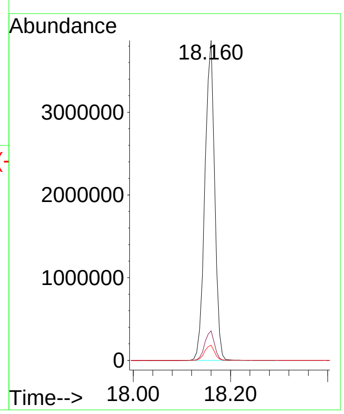




#74
Di-n-butylphthalate
Concen: 48.928 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:149 Resp: 5391627

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.7	3.8	5.6



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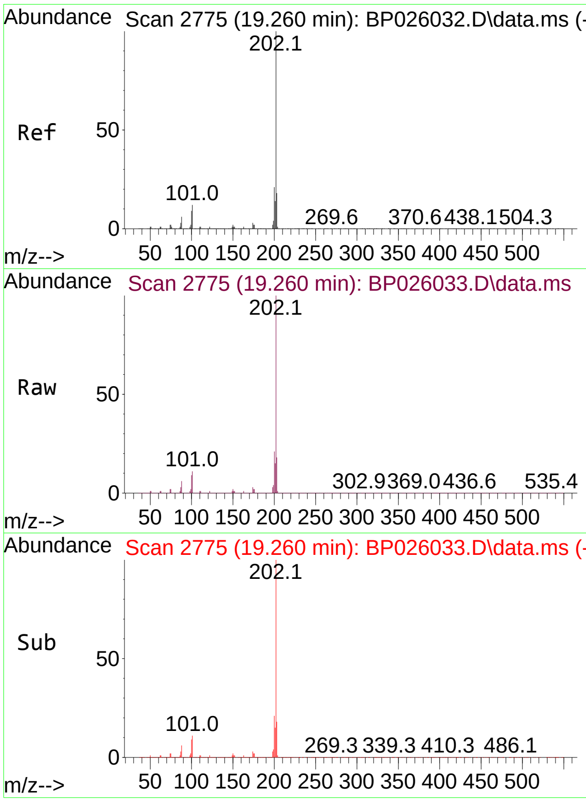

#75
Fluoranthene
Concen: 45.075 ng
RT: 19.260 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 551847

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.1
203	18.0	0.0	37.6

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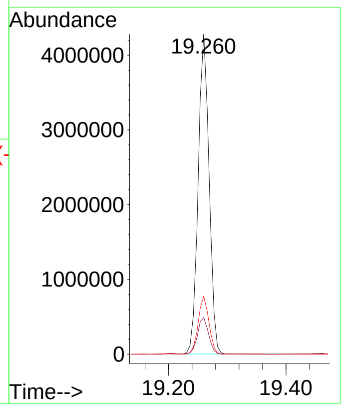
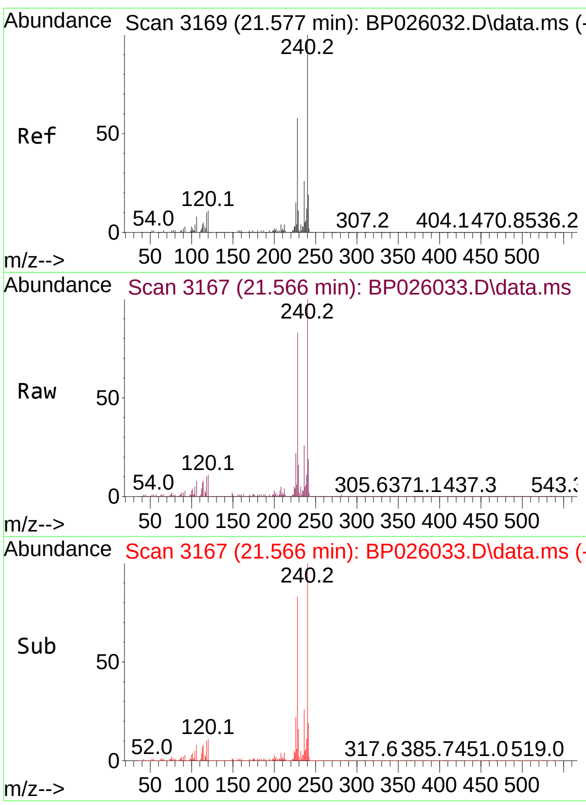
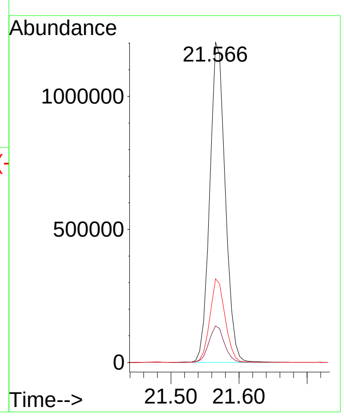




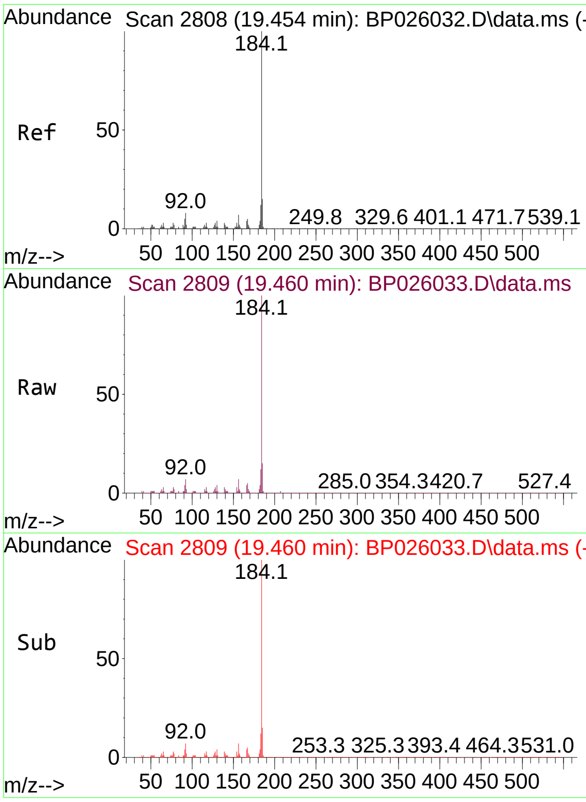
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:240 Resp: 1902632

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	26.1	20.6	31.0



ICAL Form




```
#77
Benzidine
Concen:   44.405 ng
RT:  19.460 min  Scan# 28
Delta R.T.  0.006 min
Lab File:   BP026033.D
Acq: 29 Oct 2025  12:51

Tgt Ion:184 Resp: 214446
Ion  Ratio  Lower  Upper
184  100
185   14.9   11.9   17.9
183   11.6    9.2   13.8
```

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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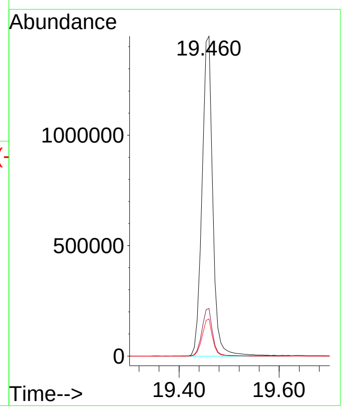
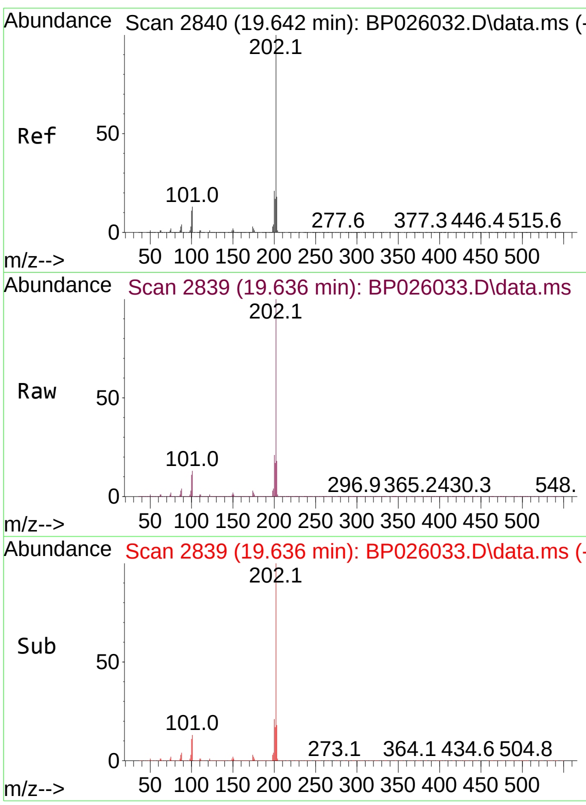
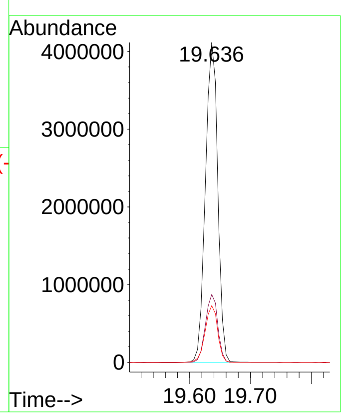





```
#78
Pyrene
Concen:   44.987 ng
RT:  19.636 min  Scan# 2839
Delta R.T.  0.000 min
Lab File:   BP026033.D
Acq: 29 Oct 2025  12:51

Tgt Ion:202 Resp: 5789133
Ion  Ratio  Lower  Upper
202  100
200   21.2   16.6   25.0
203   17.7   14.0   21.0
```



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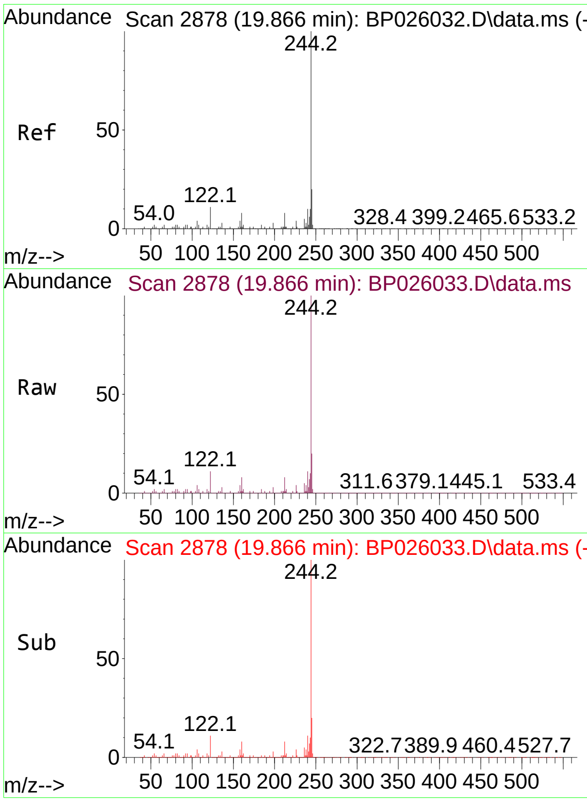
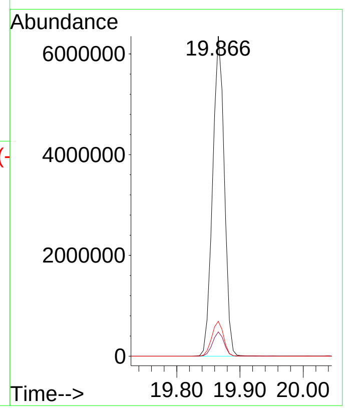


#79
Terphenyl-d14
Concen: 87.388 ng
RT: 19.866 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:244 Resp: 818373

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	10.9	9.0	13.6



Instrument :
BNA_P
ClientSampleId :
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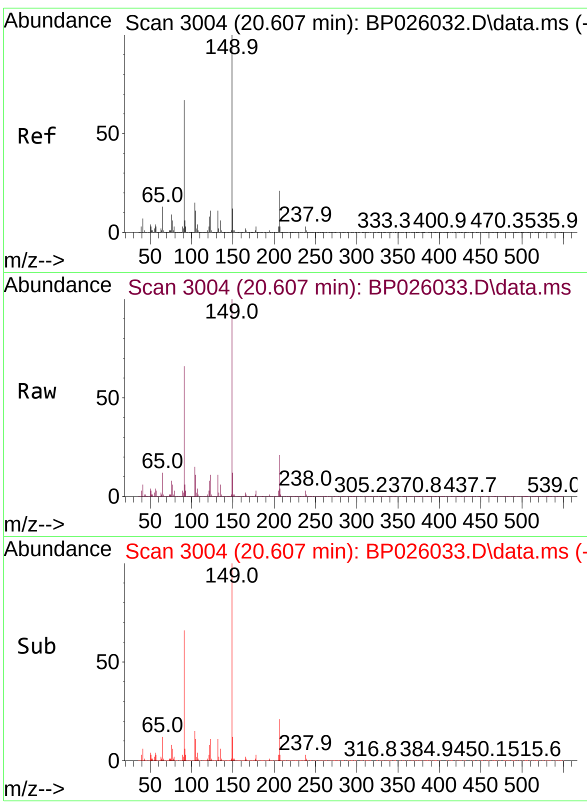
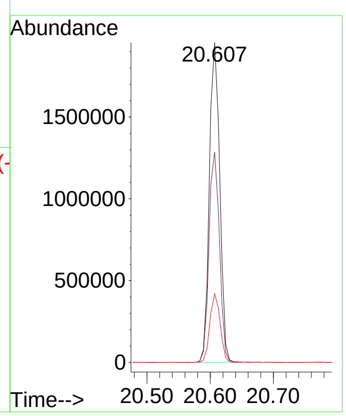
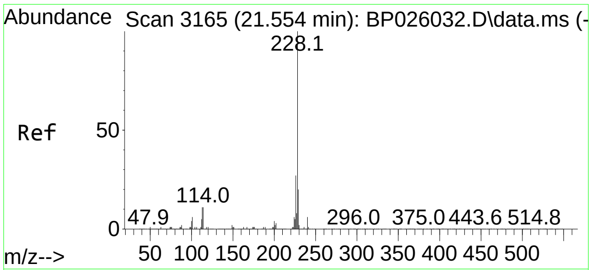


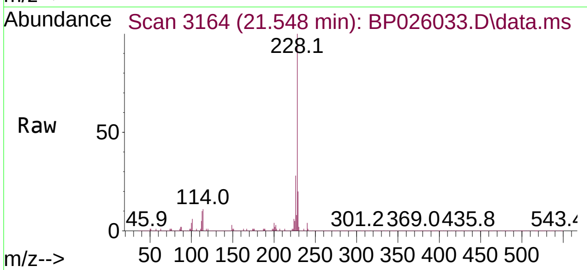
#80
Butylbenzylphthalate
Concen: 46.457 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

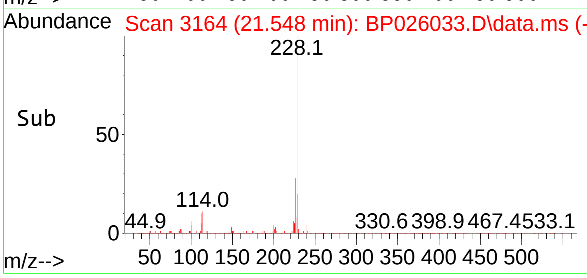
Tgt Ion:149 Resp: 2226346

Ion	Ratio	Lower	Upper
149	100		
91	65.7	53.5	80.3
206	21.4	16.6	25.0









#81
Benzo(a)anthracene
Concen: 44.546 ng
RT: 21.548 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 5824139

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.7	32.5
229	20.0	15.8	23.8

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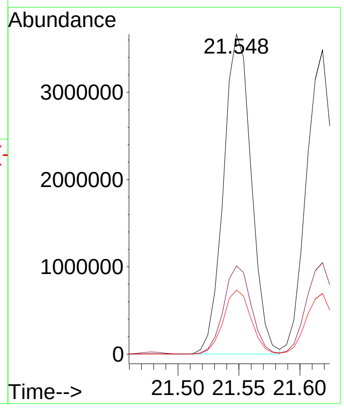
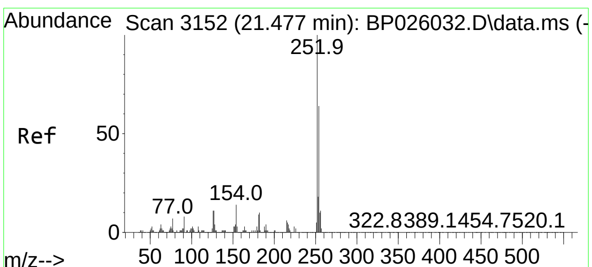
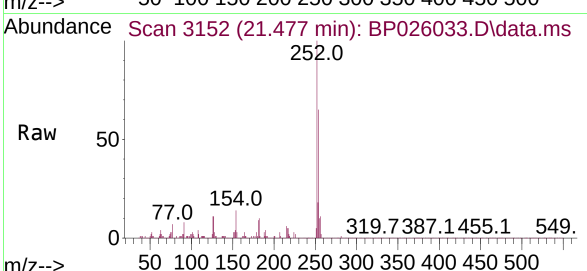
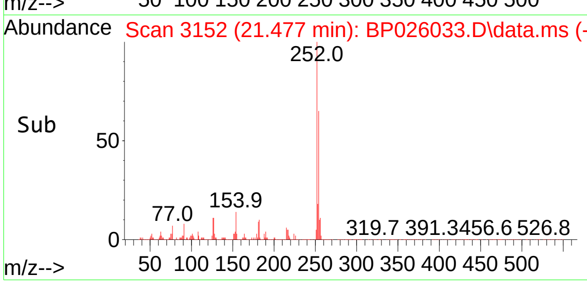




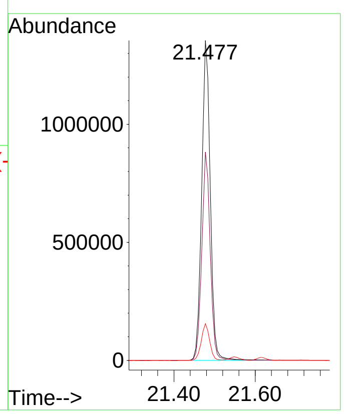




#82
3,3'-Dichlorobenzidine
Concen: 47.020 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:252 Resp: 1980734

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.3	76.9
126	11.5	9.1	13.7



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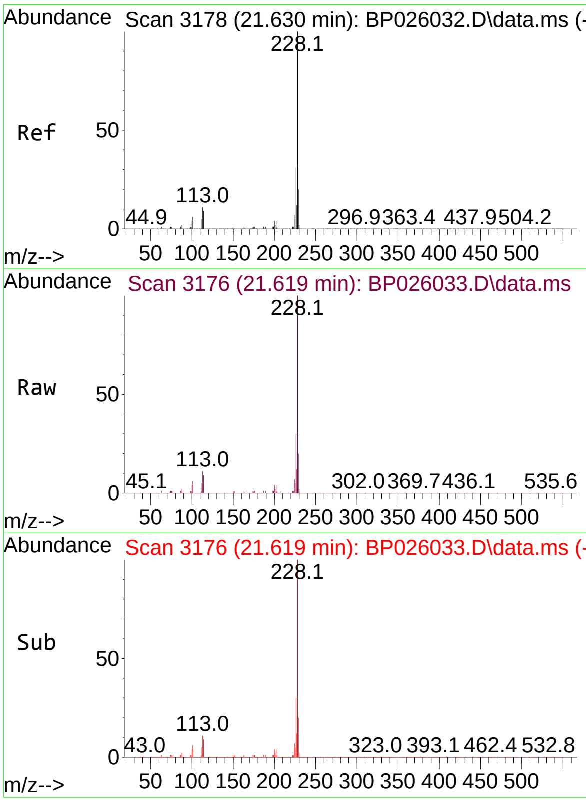
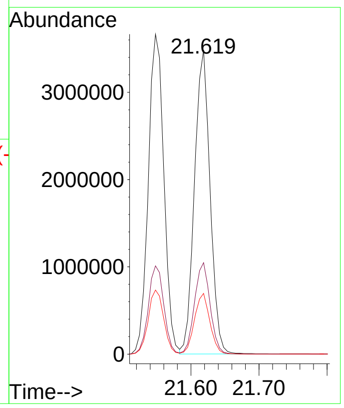


#83
Chrysene
Concen: 44.884 ng
RT: 21.619 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:228 Resp: 5558878

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	20.0	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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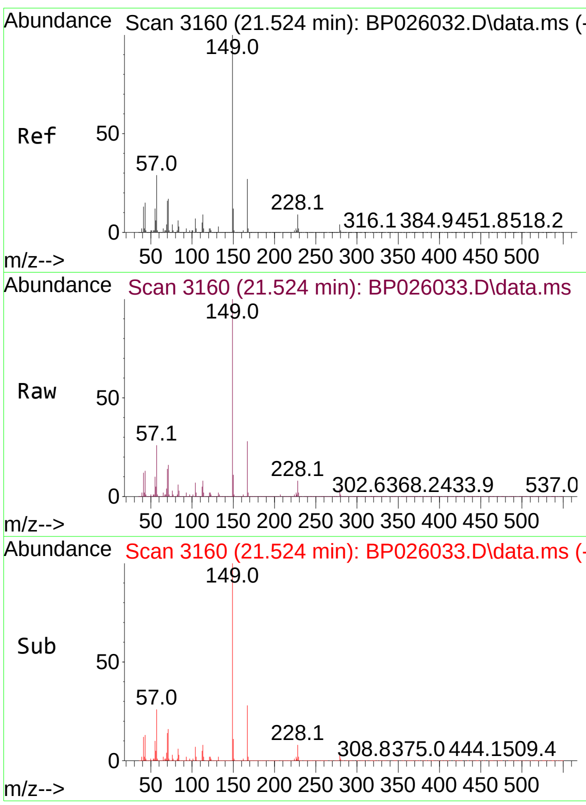
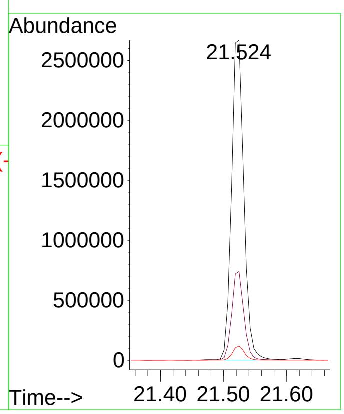
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

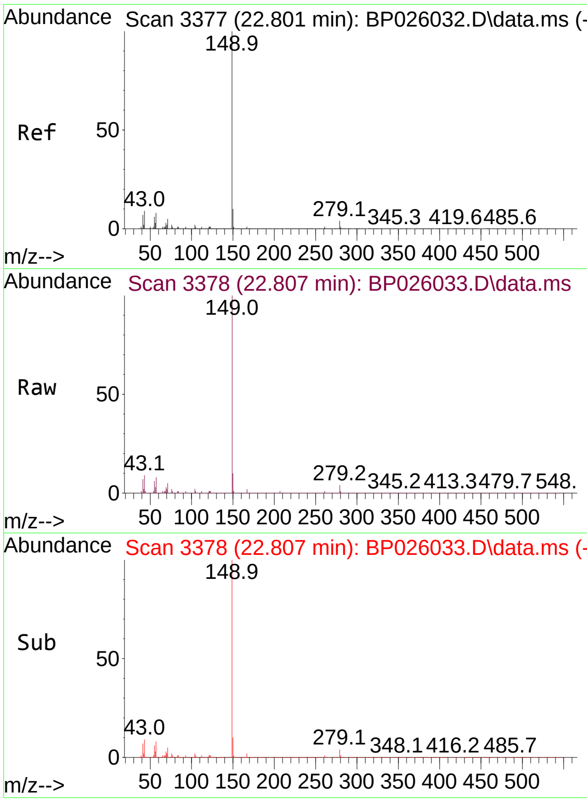


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.172 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:149 Resp: 3652585

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.5	32.3
279	4.4	3.0	4.6





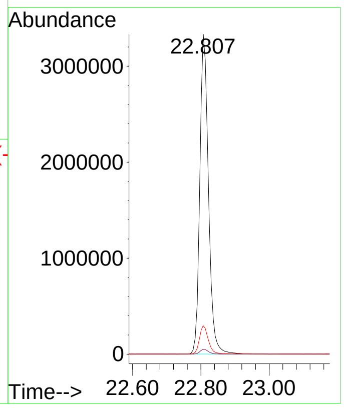
#85
Di-n-octyl phthalate
Concen: 51.985 ng
RT: 22.807 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

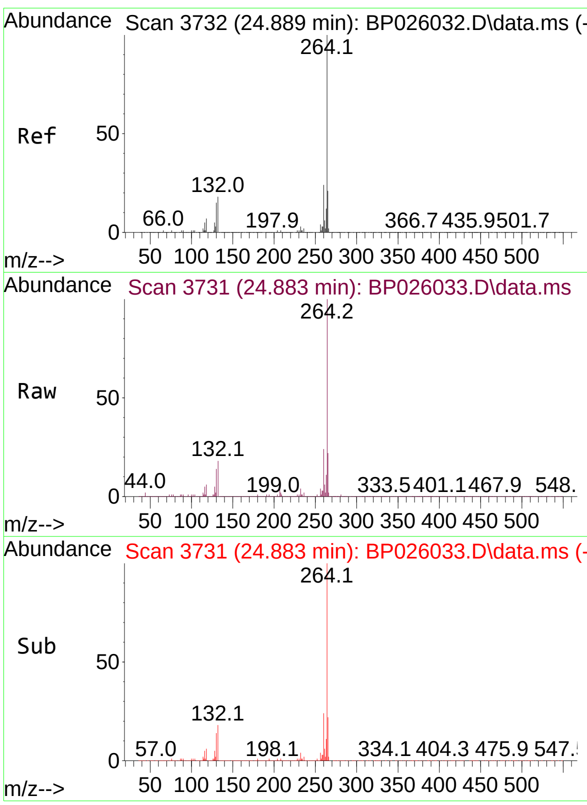
Tgt Ion:149 Resp: 588783

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.2	7.6	11.4

Instrument : BNA_P
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

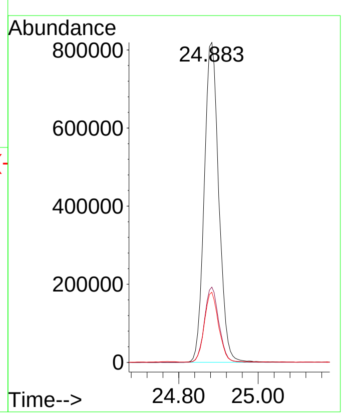




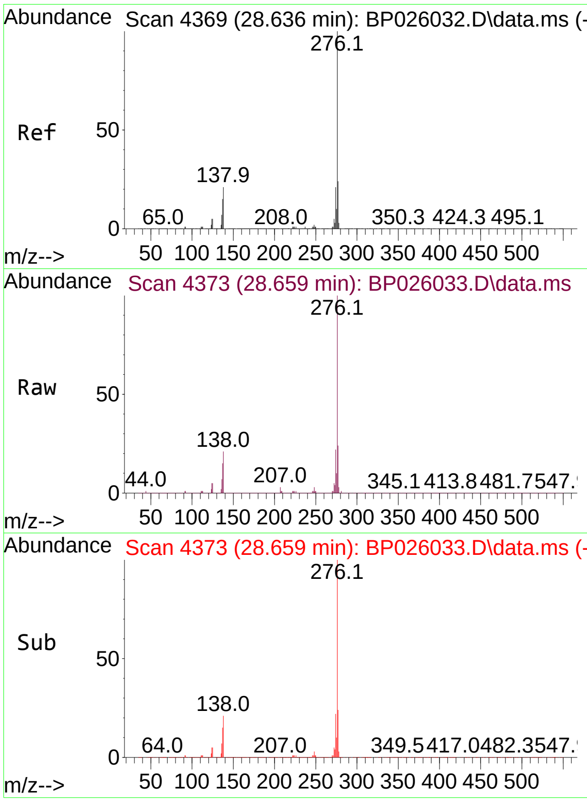
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:264 Resp: 2091380

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.9	17.2	25.8



ICAL Form



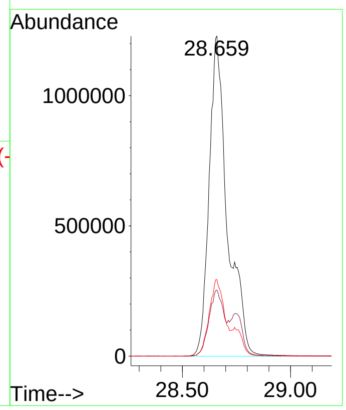
\#87
Indeno(1,2,3-cd)pyrene
Concen: 46.456 ng m
RT: 28.659 min Scan# 43
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

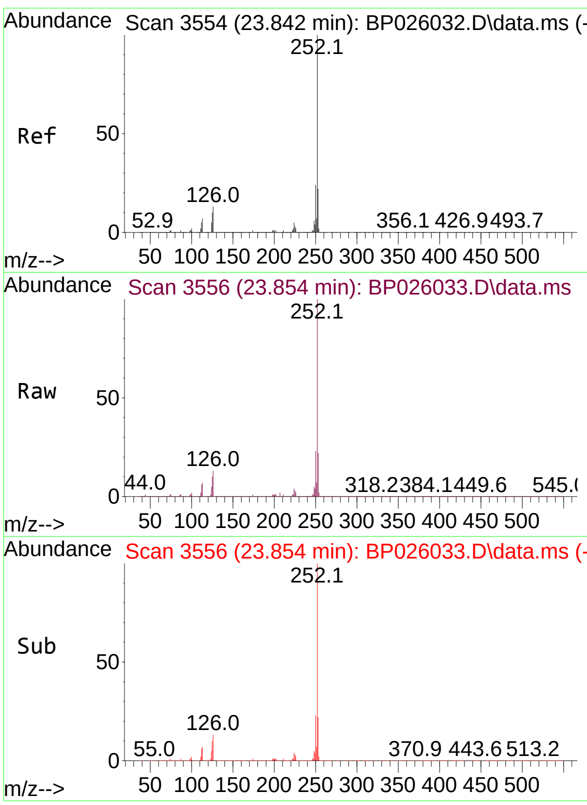
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 7169922

Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.2	19.8
277	20.1	16.3	24.5

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

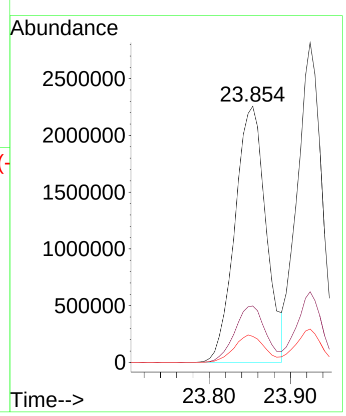




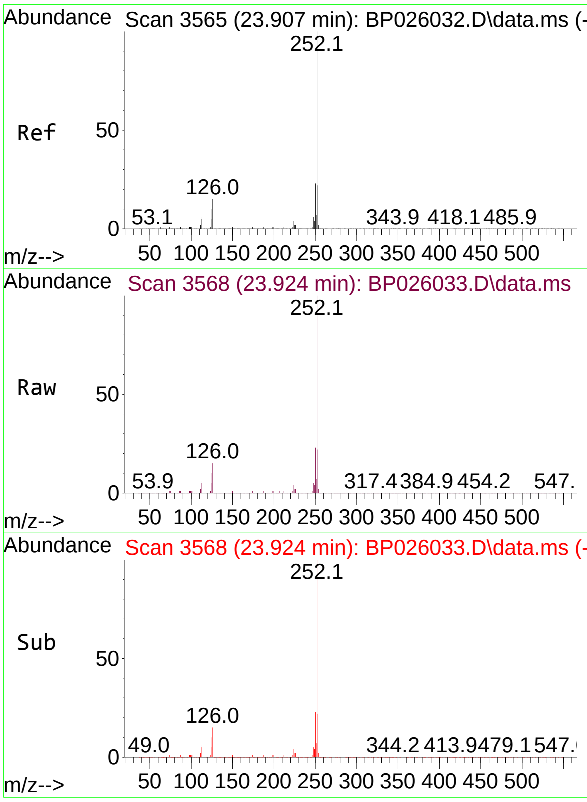
\#88
Benzo(b)fluoranthene
Concen: 46.280 ng
RT: 23.854 min Scan# 3556
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:252 Resp: 6008578

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.2	8.1	12.1



ICAL Form



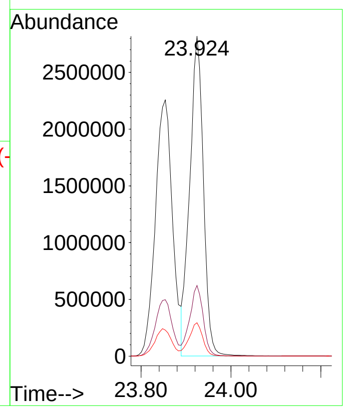
#89
Benzo(k)fluoranthene
Concen: 44.984 ng
RT: 23.924 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

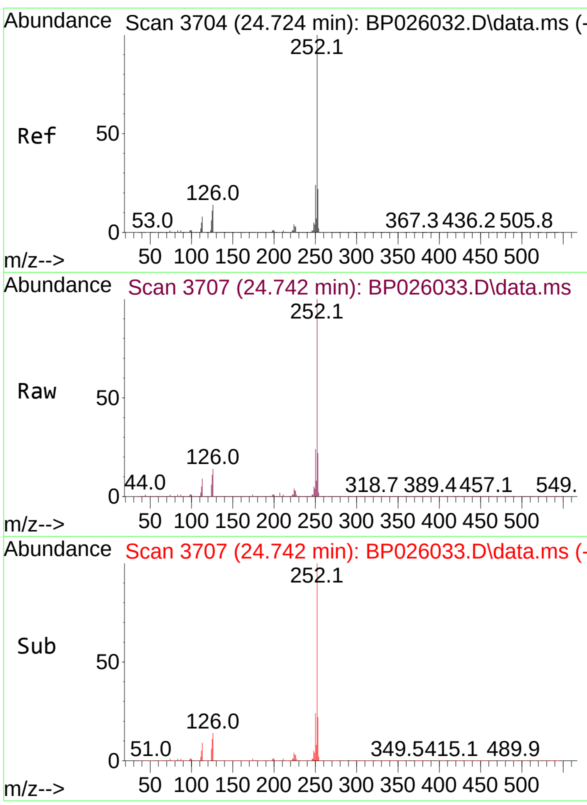
Tgt Ion:252 Resp: 596395

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.4	8.1	12.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

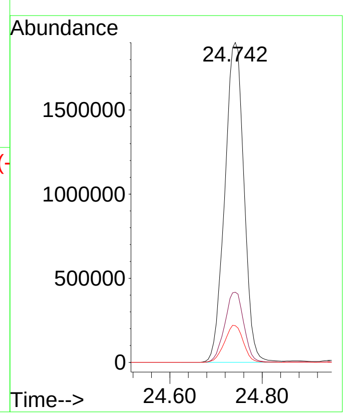




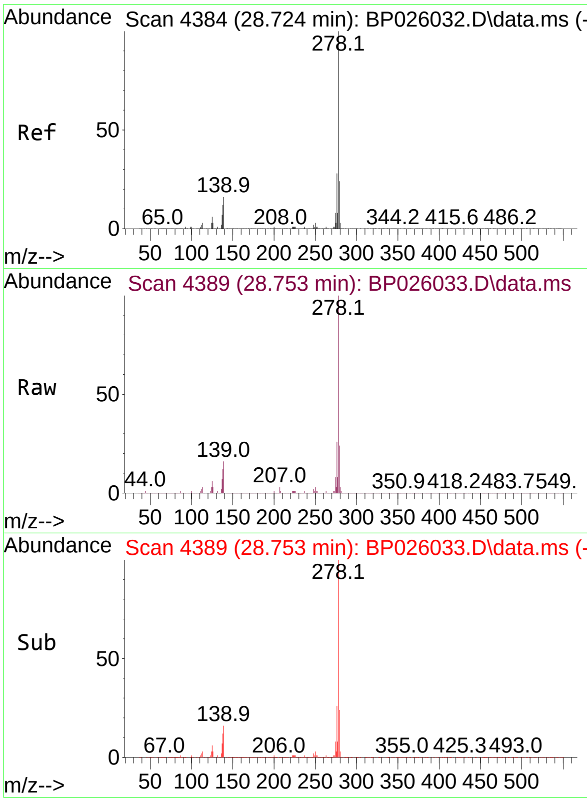
#90
Benzo(a)pyrene
Concen: 46.197 ng
RT: 24.742 min Scan# 3707
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:252 Resp: 5510203

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	11.5	9.1	13.7



ICAL Form



#91
Dibenzo(a,h)anthracene
Concen: 46.490 ng
RT: 28.753 min Scan# 4389
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

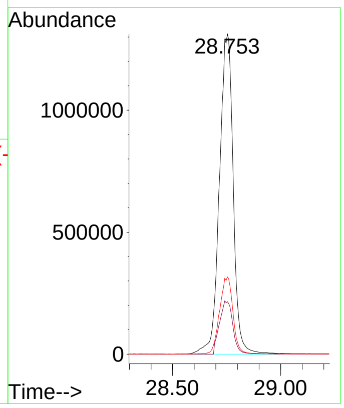
Tgt Ion:278 Resp: 5841467

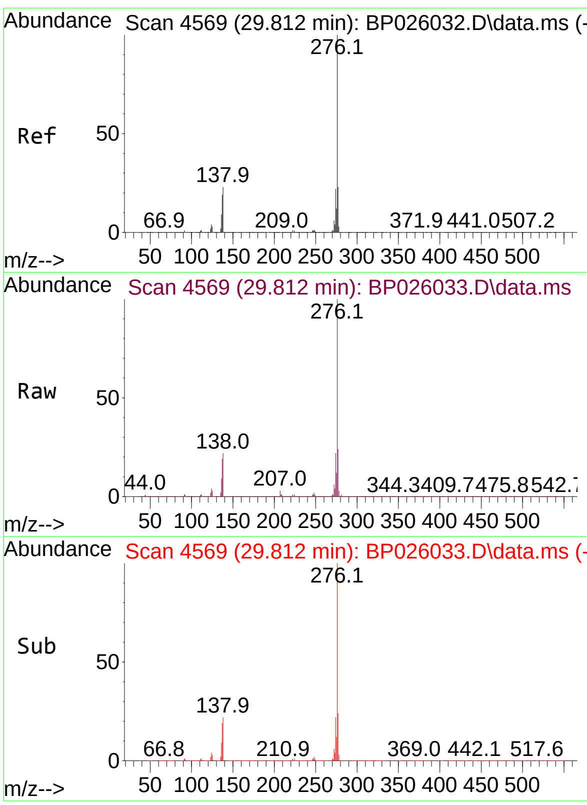
Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.0	19.6
279	24.2	18.9	28.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

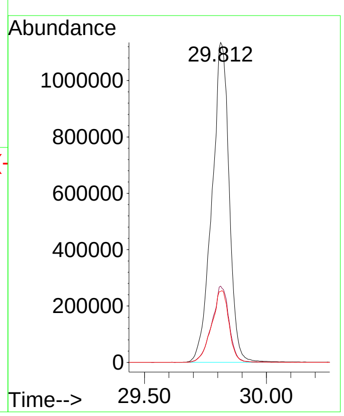




#92
Benzo(g,h,i)perylene
Concen: 46.163 ng
RT: 29.812 min Scan# 4569
Delta R.T. -0.017 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:276 Resp: 5581541

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	22.2	18.1	27.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026034.D
Acq On : 29 Oct 2025 13:32
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC060

Quant Time: Oct 29 18:08:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.684	152	294204	20.000 ng	0.00
21) Naphthalene-d8	10.448	136	1188234	20.000 ng	0.00
39) Acenaphthene-d10	14.319	164	740246	20.000 ng	0.00
64) Phenanthrene-d10	17.125	188	1468570	20.000 ng	0.00
76) Chrysene-d12	21.583	240	1519622	20.000 ng	0.02
86) Perylene-d12	24.895	264	1658930	20.000 ng	0.01
System Monitoring Compounds					
5) 2-Fluorophenol	5.302	112	2326169	130.467 ng	0.00
7) Phenol-d6	6.855	99	2901394	127.851 ng	0.00
23) Nitrobenzene-d5	8.825	82	2556249	134.112 ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	1109676	138.661 ng	0.01
45) 2-Fluorobiphenyl	12.931	172	6359685	123.451 ng	0.00
79) Terphenyl-d14	19.871	244	9289969	124.204 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.243	88	477216	63.490 ng	99
3) Pyridine	3.625	79	1369619	64.099 ng	99
4) n-Nitrosodimethylamine	3.543	42	538920	62.930 ng	96
6) Aniline	7.019	93	1904638	62.886 ng	99
8) 2-Chlorophenol	7.255	128	1304563	66.075 ng	99
9) Benzaldehyde	6.831	77	702436	59.544 ng	99
10) Phenol	6.884	94	1609307	63.877 ng	99
11) bis(2-Chloroethyl)ether	7.113	93	1252563	62.998 ng	99
12) 1,3-Dichlorobenzene	7.578	146	1421445	62.690 ng	99
13) 1,4-Dichlorobenzene	7.719	146	1441195	62.866 ng	99
14) 1,2-Dichlorobenzene	8.031	146	1368134	62.542 ng	98
15) Benzyl Alcohol	7.913	79	1040602	63.606 ng	100
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1838598	61.185 ng	99
17) 2-Methylphenol	8.113	107	1068062	64.741 ng	99
18) Hexachloroethane	8.754	117	501286	63.902 ng	98
19) n-Nitroso-di-n-propyla...	8.484	70	904719	64.223 ng	97
20) 3+4-Methylphenols	8.437	107	1452480	63.287 ng	99
22) Acetophenone	8.490	105	1872894	62.324 ng	# 99
24) Nitrobenzene	8.866	77	1321111	65.646 ng	99
25) Isophorone	9.384	82	2601391	63.763 ng	99
27) 2,4-Dimethylphenol	9.625	122	1124076	65.520 ng	98
28) bis(2-Chloroethoxy)met...	9.872	93	1608539	62.561 ng	99
29) 2,4-Dichlorophenol	10.096	162	1213575	66.994 ng	100
30) 1,2,4-Trichlorobenzene	10.313	180	1238545	62.905 ng	98
31) Naphthalene	10.501	128	4053338	62.555 ng	100
32) Benzoic acid	9.766	122	733177	63.317 ng	97
33) 4-Chloroaniline	10.601	127	1586613	63.721 ng	99
34) Hexachlorobutadiene	10.790	225	792964	63.376 ng	99
35) Caprolactam	11.372	113	414253	65.121 ng	93
36) 4-Chloro-3-methylphenol	11.725	107	1268077	66.778 ng	100
37) 2-Methylnaphthalene	12.113	142	2826130	62.316 ng	100
38) 1-Methylnaphthalene	12.337	142	2744994	62.303 ng	99
40) 1,2,4,5-Tetrachloroben...	12.490	216	1452519	63.152 ng	100
41) Hexachlorocyclopentadiene	12.478	237	577139	68.581 ng	97
43) 2,4,6-Trichlorophenol	12.731	196	947367	69.685 ng	99
44) 2,4,5-Trichlorophenol	12.795	196	1042039	67.173 ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026034.D
Acq On : 29 Oct 2025 13:32
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Oct 29 18:08:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) 1,1'-Biphenyl	13.137	154	3519299	62.090 ng	100
47) 2-Chloronaphthalene	13.178	162	2781932	62.380 ng	98
48) 2-Nitroaniline	13.378	65	737734	64.505 ng	98
49) Acenaphthylene	14.037	152	4167114	64.110 ng	100
50) Dimethylphthalate	13.778	163	3449991	64.073 ng	100
51) 2,6-Dinitrotoluene	13.878	165	652327	64.811 ng	99
52) Acenaphthene	14.389	154	2837620	63.592 ng	99
53) 3-Nitroaniline	14.213	138	780369	63.434 ng	99
54) 2,4-Dinitrophenol	14.425	184	274254	63.744 ng	95
55) Dibenzofuran	14.725	168	4183126	62.047 ng	100
56) 4-Nitrophenol	14.525	139	688114	64.089 ng	99
57) 2,4-Dinitrotoluene	14.684	165	961200	65.768 ng	95
58) Fluorene	15.383	166	3313648	62.737 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	858179	70.360 ng	100
60) Diethylphthalate	15.172	149	3534128	65.288 ng	100
61) 4-Chlorophenyl-phenyle...	15.395	204	1640879	62.210 ng	99
62) 4-Nitroaniline	15.401	138	817496	71.051 ng	99
63) Azobenzene	15.689	77	3079138	62.764 ng	98
65) 4,6-Dinitro-2-methylph...	15.460	198	420911	64.124 ng	95
66) n-Nitrosodiphenylamine	15.607	169	2901612	63.193 ng	100
67) 4-Bromophenyl-phenylether	16.307	248	1043905	64.082 ng	98
68) Hexachlorobenzene	16.419	284	1180264	63.645 ng	100
69) Atrazine	16.595	200	1050788	67.838 ng	98
70) Pentachlorophenol	16.760	266	783472	69.166 ng	99
71) Phenanthrene	17.172	178	5263383	61.576 ng	99
72) Anthracene	17.266	178	5375909	63.447 ng	100
73) Carbazole	17.542	167	5059908	63.086 ng	100
74) Di-n-butylphthalate	18.154	149	6072603	67.663 ng	100
75) Fluoranthene	19.266	202	6263426	62.816 ng	99
77) Benzidine	19.454	184	2726283	70.680 ng	100
78) Pyrene	19.648	202	6521771	63.454 ng	99
80) Butylbenzylphthalate	20.613	149	2549176	65.127 ng	97
81) Benzo(a)anthracene	21.566	228	6577757	62.991 ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	2266707	67.371 ng	100
83) Chrysene	21.630	228	6150315	62.176 ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	3949393	62.903 ng	99
85) Di-n-octyl phthalate	22.807	149	6415656	70.922 ng	99
87) Indeno(1,2,3-cd)pyrene	28.665	276	8109098	66.237 ng	99
88) Benzo(b)fluoranthene	23.848	252	6695122	65.011 ng	100
89) Benzo(k)fluoranthene	23.912	252	6702900	63.737 ng	99
90) Benzo(a)pyrene	24.736	252	6233786	65.888 ng	99
91) Dibenzo(a,h)anthracene	28.759	278	6571045	65.929 ng	100
92) Benzo(g,h,i)perylene	29.830	276	6265775	65.331 ng	99

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

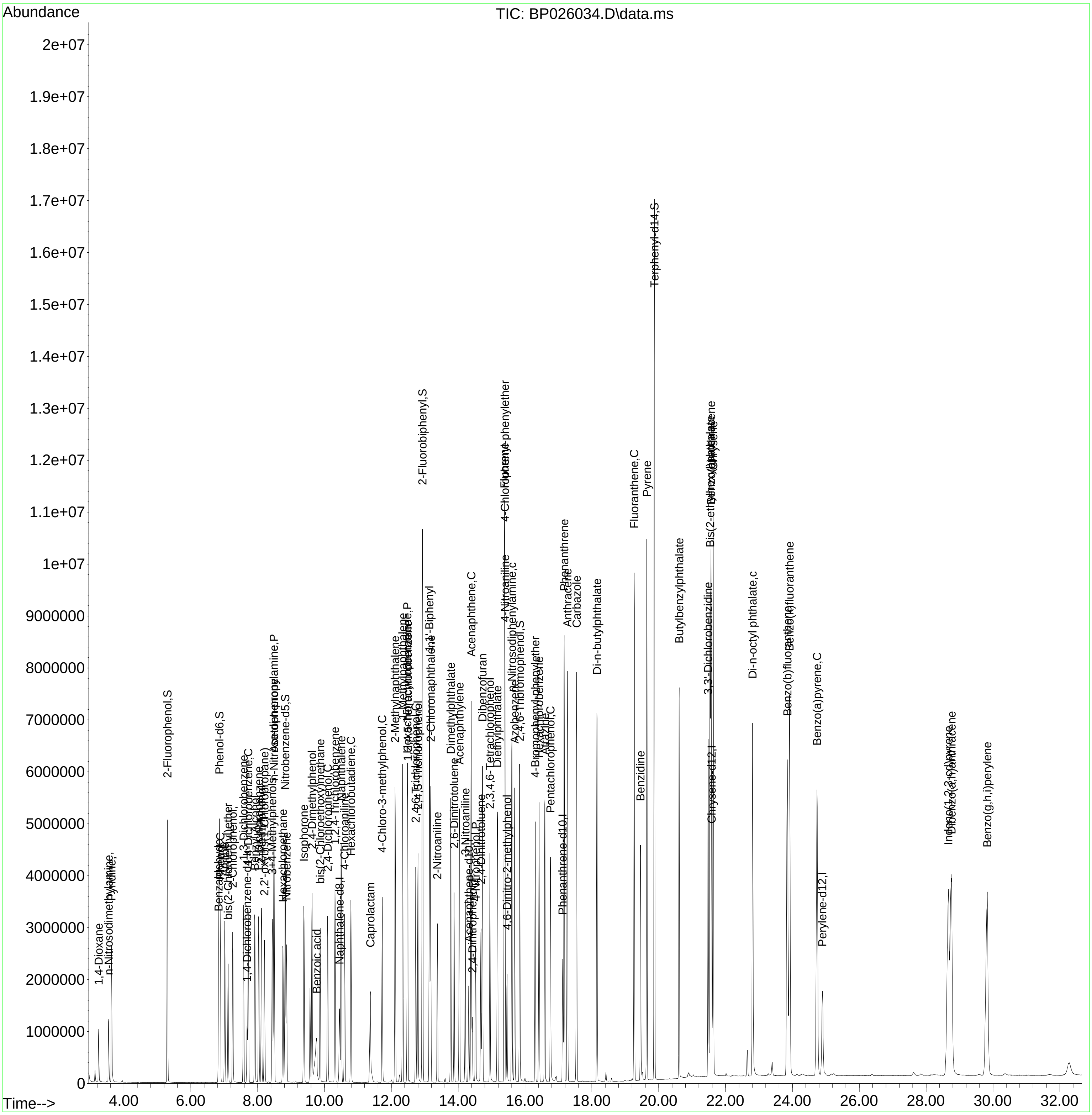
Quantitation Report (QT Reviewed)

ICAL Form

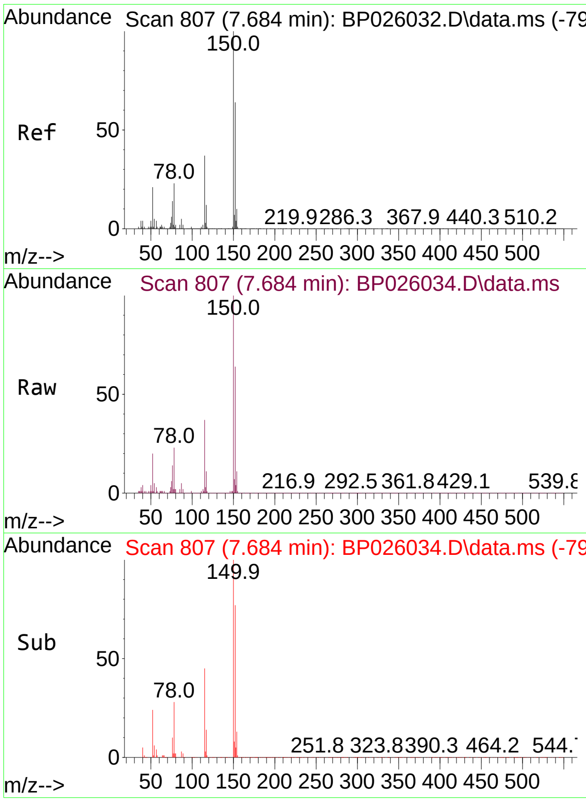
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026034.D
Acq On : 29 Oct 2025 13:32
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Oct 29 18:08:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration



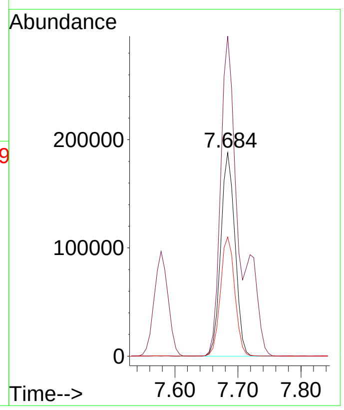
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

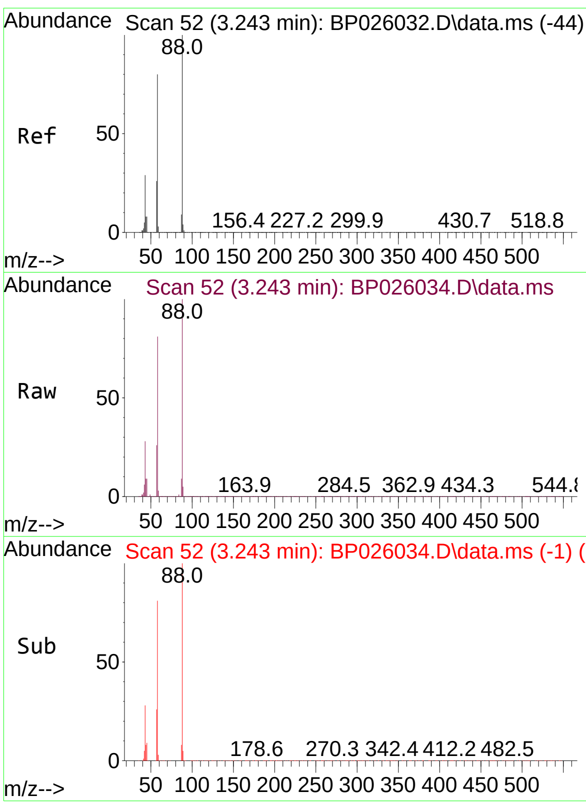


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:152 Resp: 294204

Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.7	188.5
115	58.6	46.4	69.6

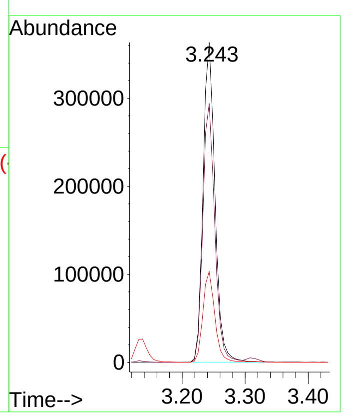




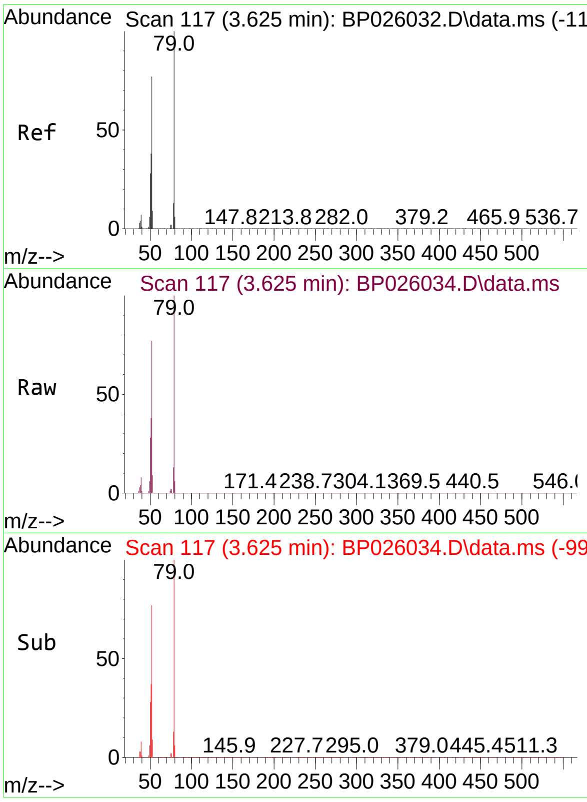
#2
1,4-Dioxane
Concen: 63.490 ng
RT: 3.243 min Scan# 52
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 88 Resp: 477216

Ion	Ratio	Lower	Upper
88	100		
58	81.2	65.4	98.0
43	28.2	23.1	34.7



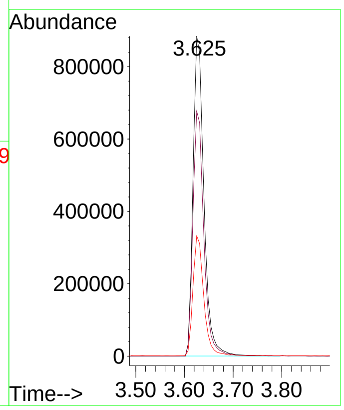
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

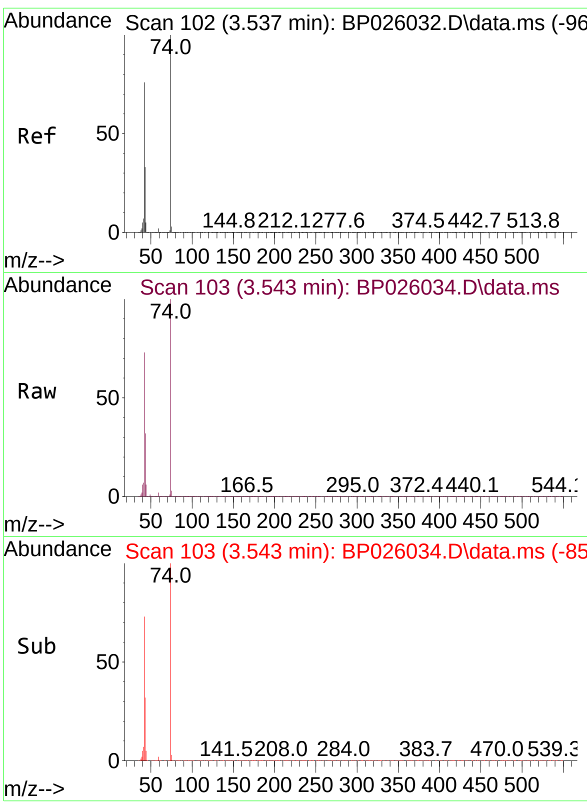


#3
Pyridine
Concen: 64.099 ng
RT: 3.625 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 79 Resp: 1369619

Ion	Ratio	Lower	Upper
79	100		
52	76.5	62.0	93.0
51	37.6	30.6	46.0

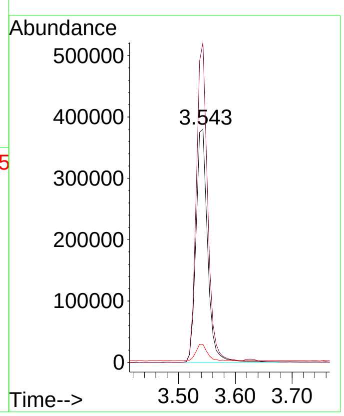




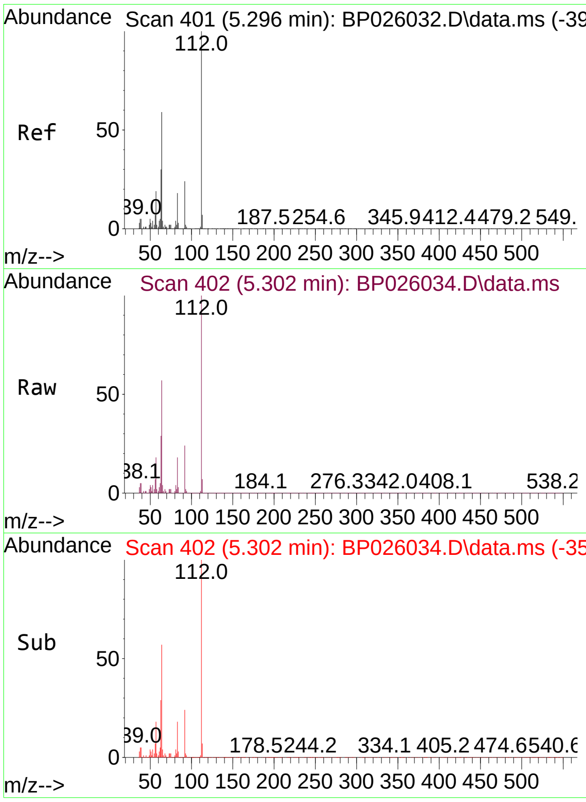
#4
n-Nitrosodimethylamine
Concen: 62.930 ng
RT: 3.543 min Scan# 103
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 42 Resp: 538920

Ion	Ratio	Lower	Upper
42	100		
74	137.3	105.7	158.5
44	7.7	6.6	9.8



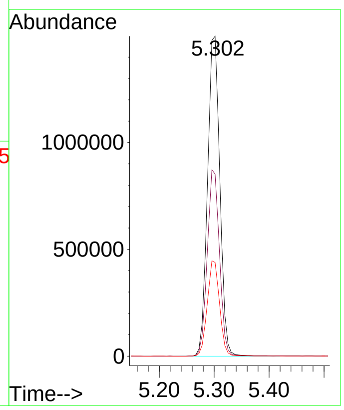
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

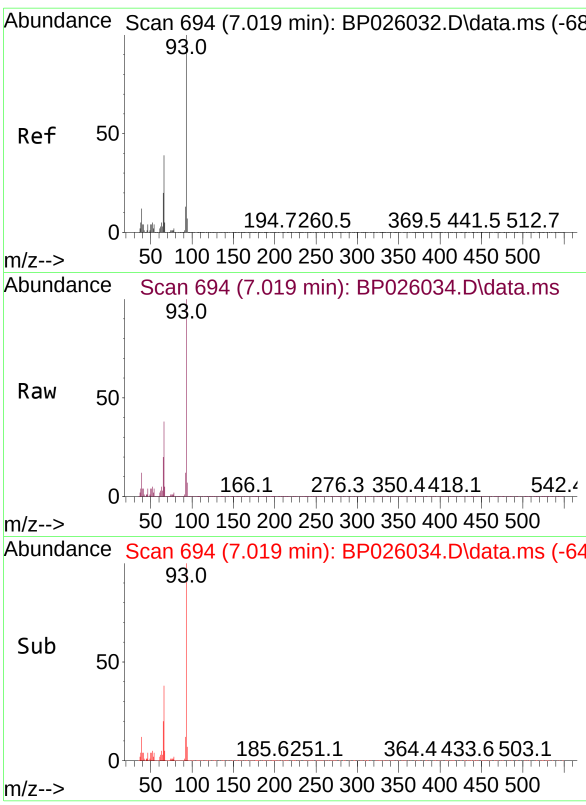


#5
2-Fluorophenol
Concen: 130.467 ng
RT: 5.302 min Scan# 40
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:112 Resp: 2326169

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.4	71.2
63	29.3	24.2	36.4

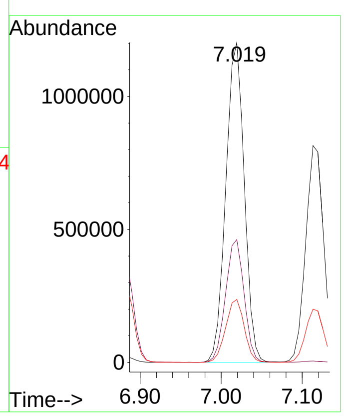




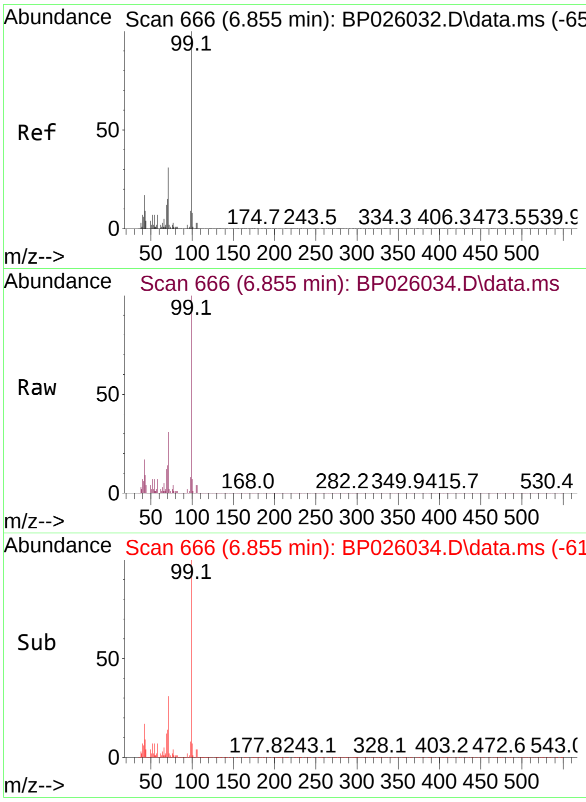
#6
Aniline
Concen: 62.886 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 93 Resp: 1904638

Ion	Ratio	Lower	Upper
93	100		
66	38.4	31.2	46.8
65	19.7	16.1	24.1



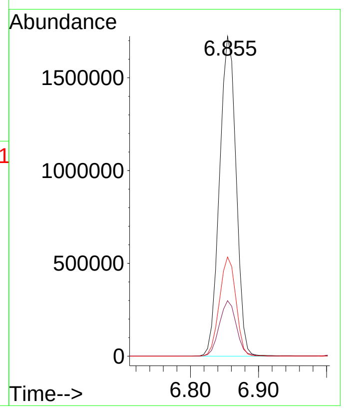
Instrument : BNA_P
ClientSampleId : SSTDICC060

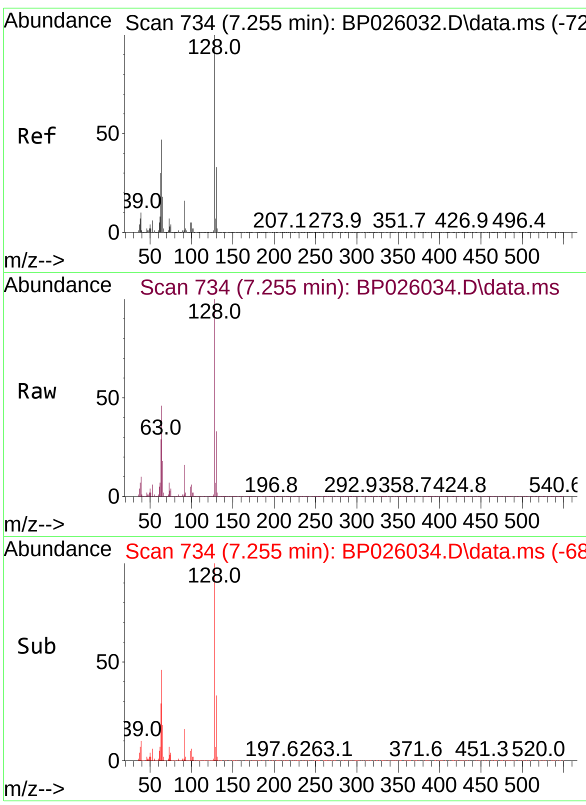


#7
Phenol-d6
Concen: 127.851 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 99 Resp: 2901394

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	31.0	24.4	36.6

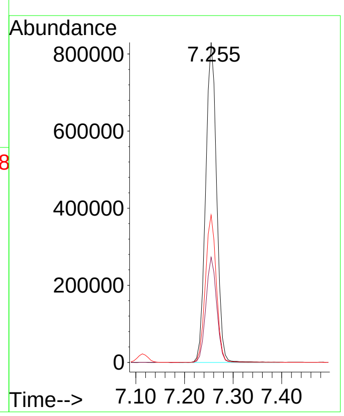




#8
2-Chlorophenol
Concen: 66.075 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

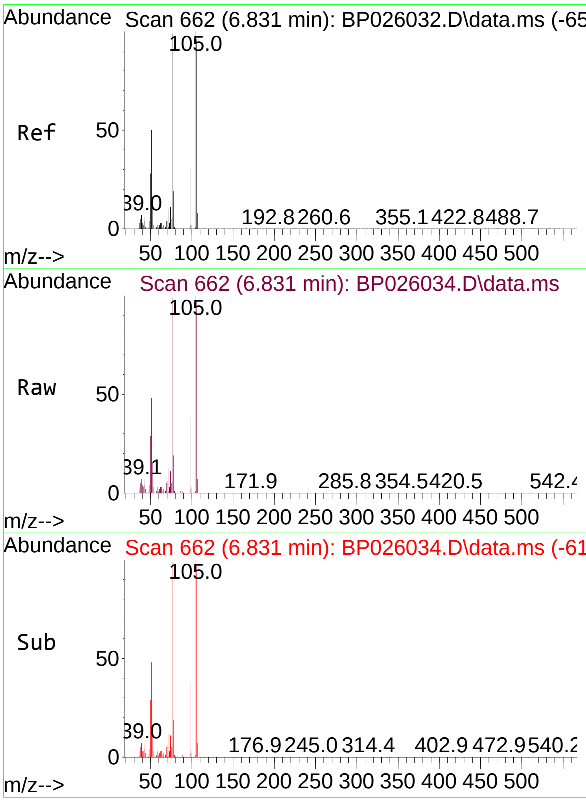
Tgt Ion:128 Resp: 1304563

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.7	52.7
64	46.1	27.4	67.4



ICAL Form

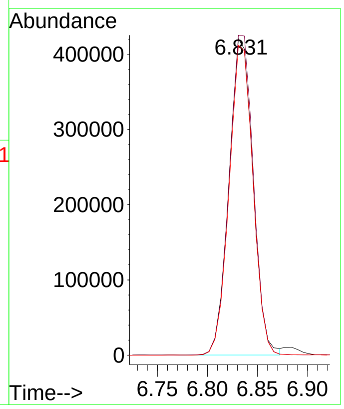
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

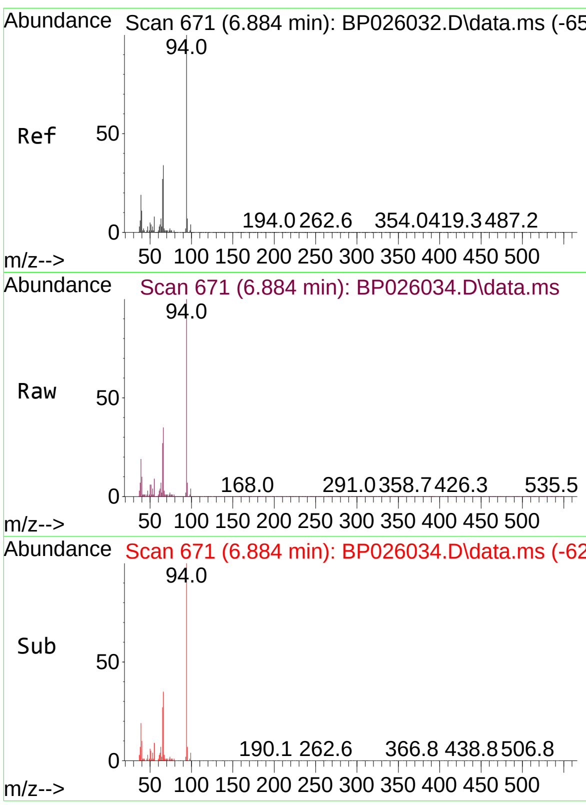


#9
Benzaldehyde
Concen: 59.544 ng
RT: 6.831 min Scan# 66
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 77 Resp: 702436

Ion	Ratio	Lower	Upper
77	100		
105	101.2	80.7	120.7
106	97.9	76.5	116.5

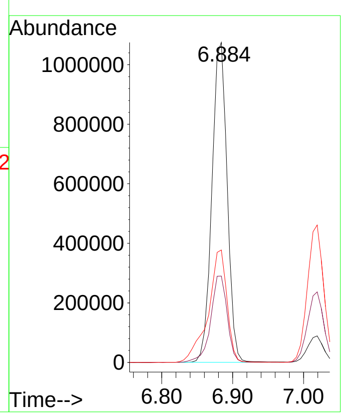




#10
Phenol
Concen: 63.877 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

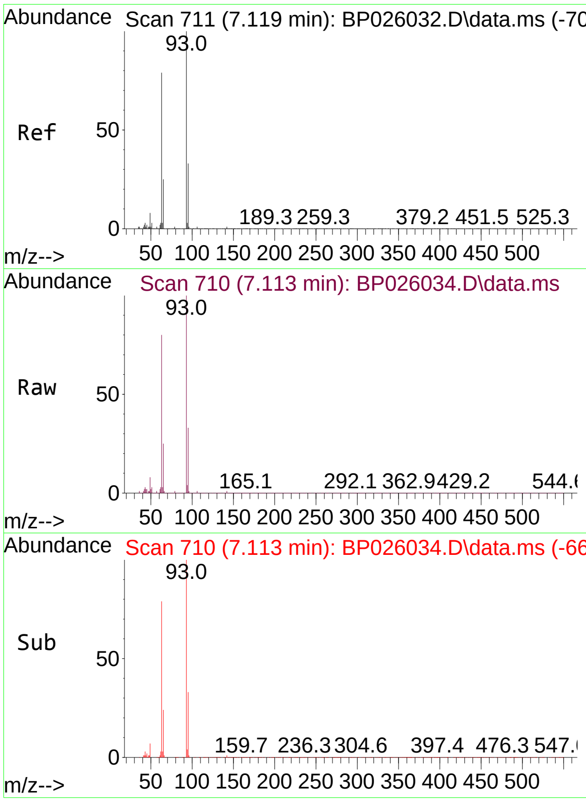
Tgt Ion: 94 Resp: 1609307

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.1	47.1
66	35.1	14.4	54.4



ICAL Form

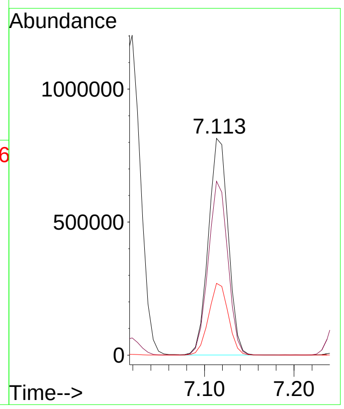
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

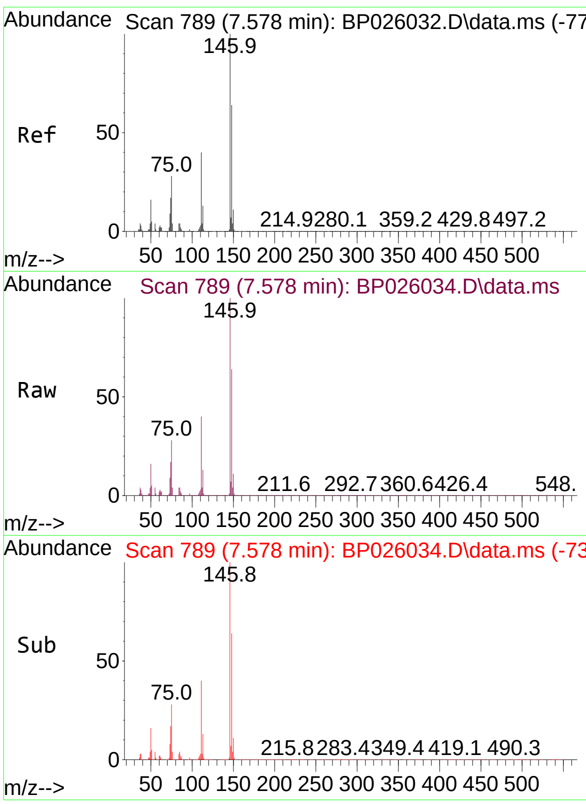


#11
bis(2-Chloroethyl)ether
Concen: 62.998 ng
RT: 7.113 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 93 Resp: 1252563

Ion	Ratio	Lower	Upper
93	100		
63	80.2	59.1	99.1
95	33.1	12.6	52.6

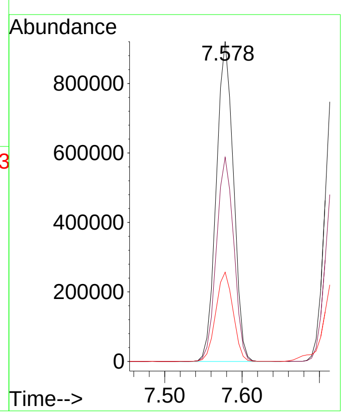




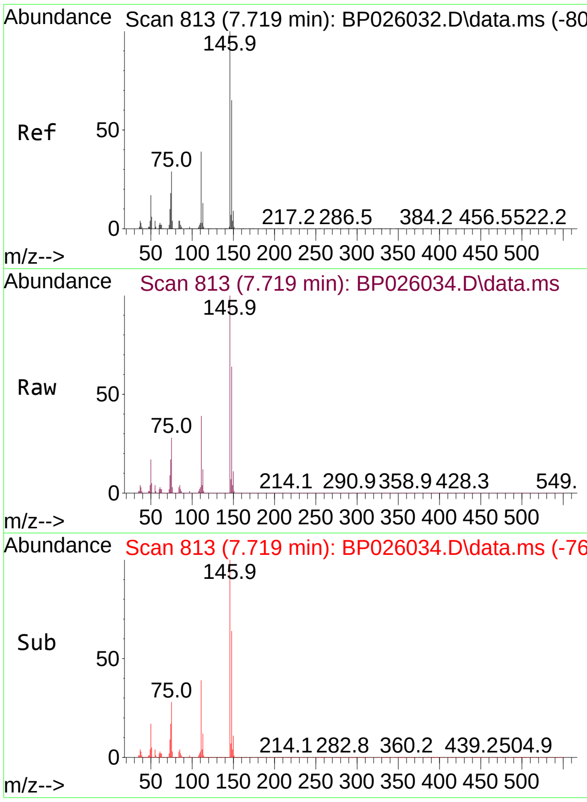
#12
1,3-Dichlorobenzene
Concen: 62.690 ng
RT: 7.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:146 Resp: 1421445

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
75	27.9	22.6	33.8



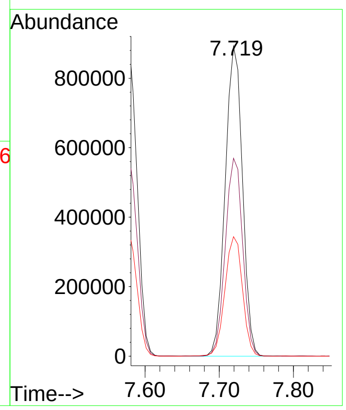
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

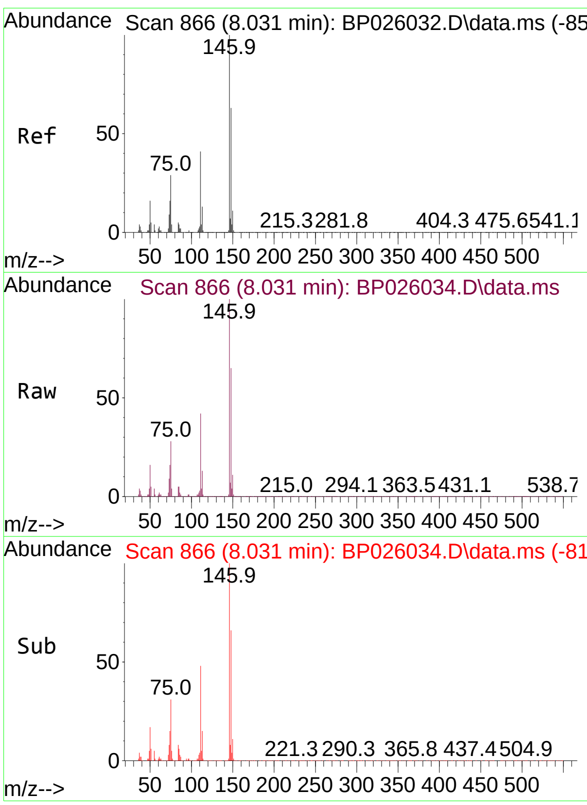


#13
1,4-Dichlorobenzene
Concen: 62.866 ng
RT: 7.719 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:146 Resp: 1441195

Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	38.6	31.3	46.9

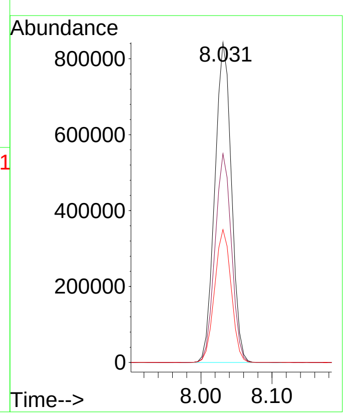




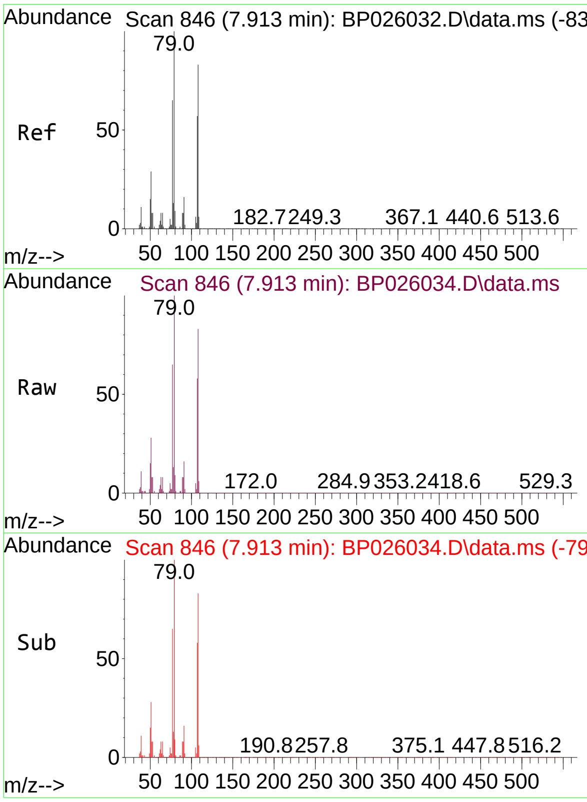
#14
1,2-Dichlorobenzene
Concen: 62.542 ng
RT: 8.031 min Scan# 866
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:146 Resp: 1368134

Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.8	76.2
111	41.5	33.0	49.4



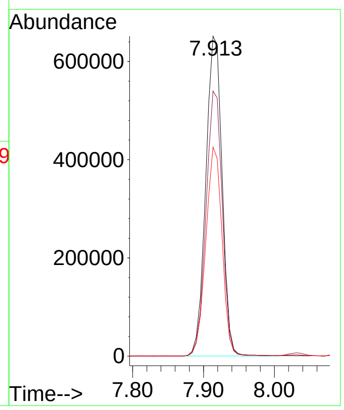
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

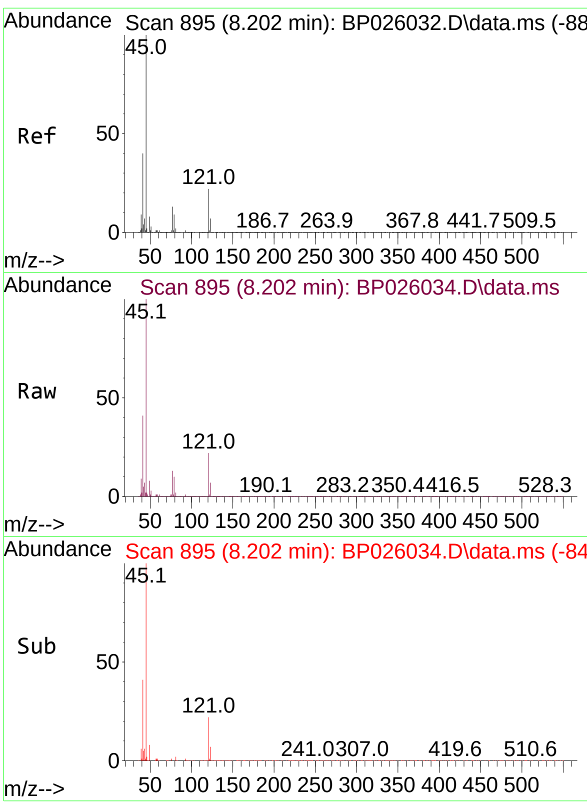


#15
Benzyl Alcohol
Concen: 63.606 ng
RT: 7.913 min   Scan# 84
Delta R.T.   0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025   13:32

Tgt Ion: 79 Resp: 1040602

Ion	Ratio	Lower	Upper
79	100		
108	82.8	66.0	99.0
77	65.3	52.3	78.5

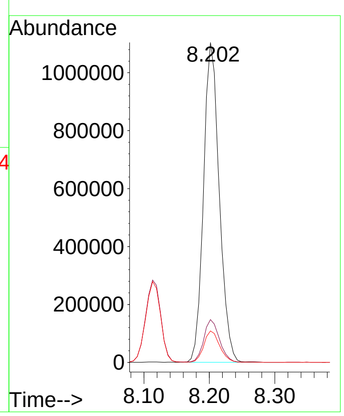


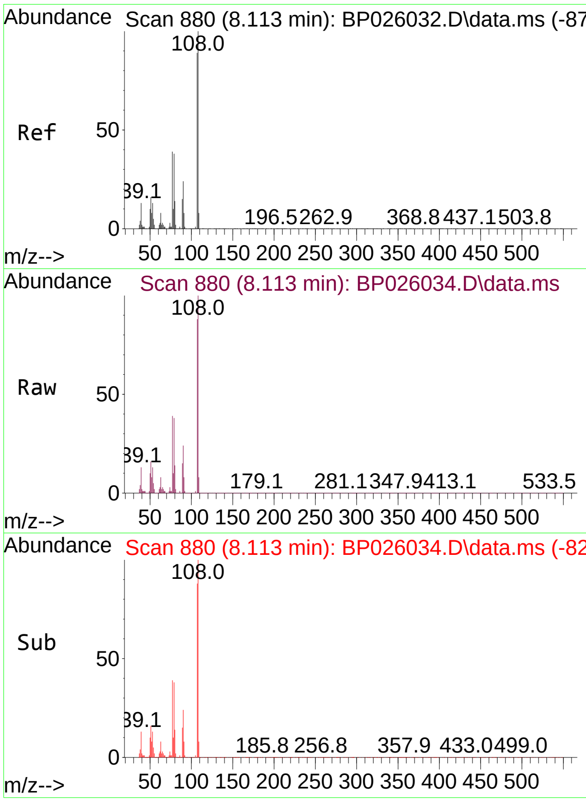


#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.185 ng
RT: 8.202 min   Scan# 895
Delta R.T.   0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025   13:32

Tgt Ion: 45 Resp: 1838598

Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	33.2
79	9.8	0.0	29.5



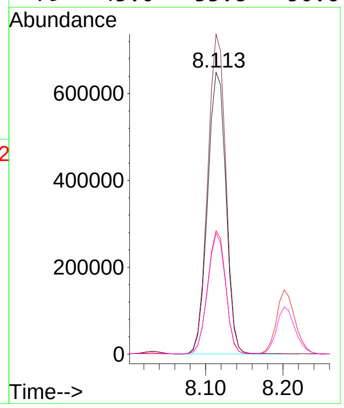


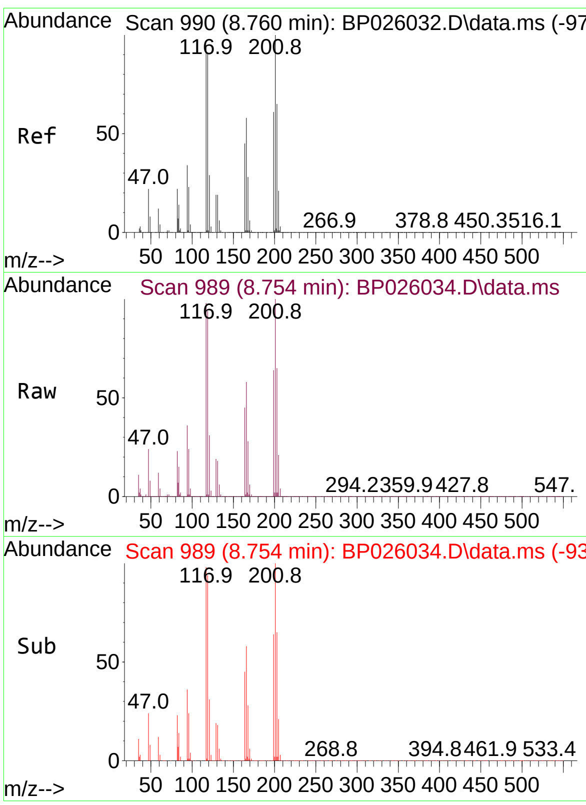
#17
2-Methylphenol
Concen: 64.741 ng
RT: 8.113 min Scan# 88
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 1068062

Ion	Ratio	Lower	Upper
107	100		
108	113.6	89.8	134.8
77	43.8	34.8	52.2
79	43.0	33.8	50.6

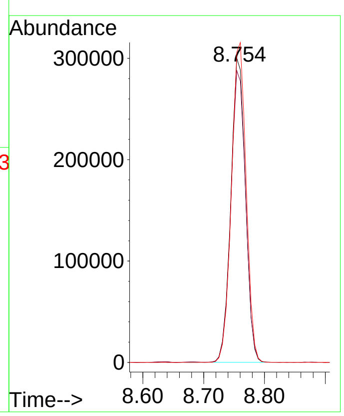




#18
Hexachloroethane
Concen: 63.902 ng
RT: 8.754 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

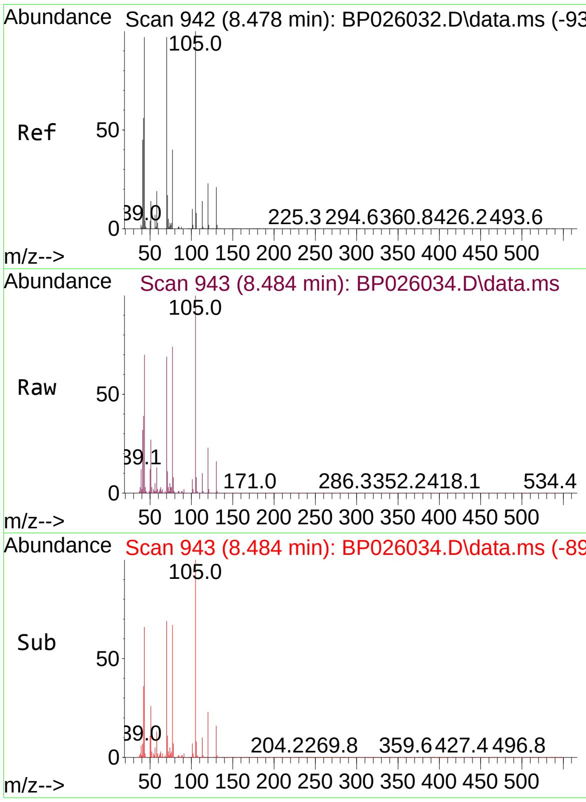
Tgt Ion:117 Resp: 501286

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.5	114.7
201	102.0	84.2	126.4



ICAL Form

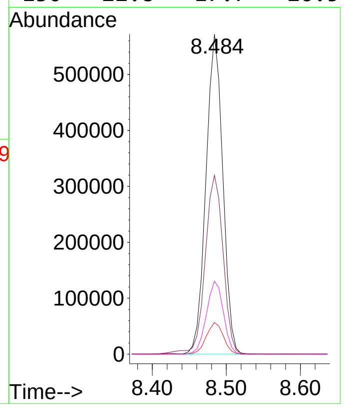
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

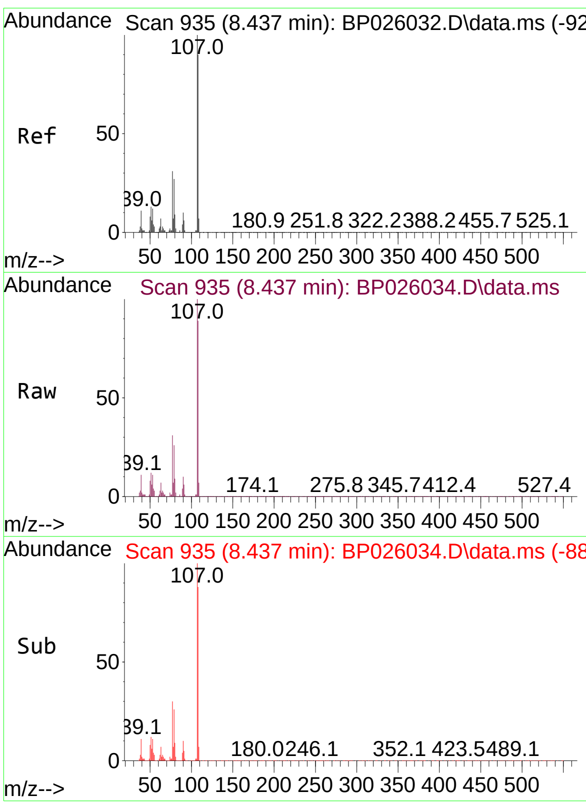


#19
n-Nitroso-di-n-propylamine
Concen: 64.223 ng
RT: 8.484 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 70 Resp: 904719

Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.2	70.8
101	9.9	8.2	12.2
130	22.8	17.7	26.5

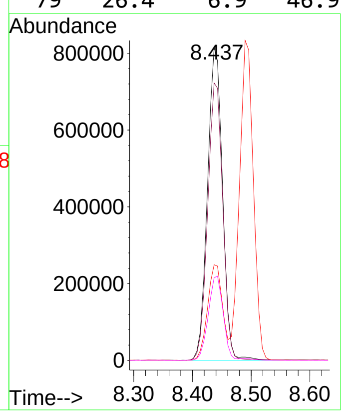




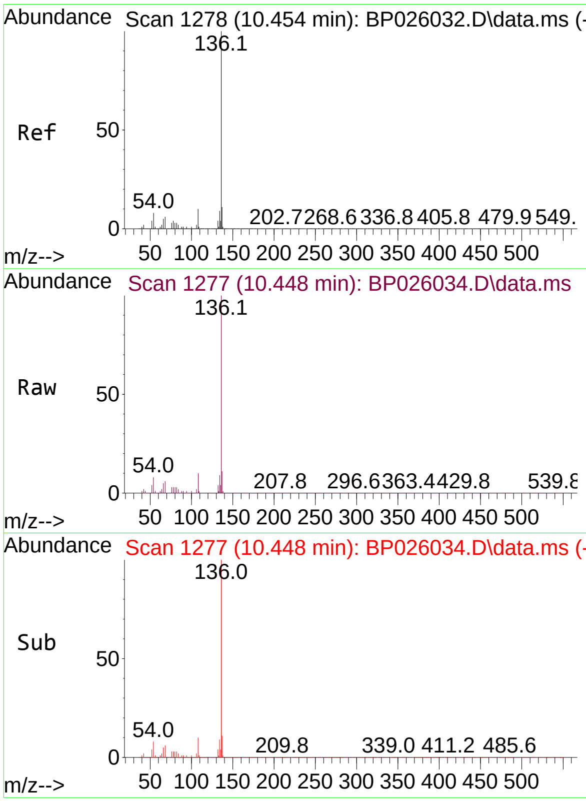
#20
3+4-Methylphenols
Concen: 63.287 ng
RT: 8.437 min Scan# 935
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:107 Resp: 1452480

Ion	Ratio	Lower	Upper
107	100		
108	88.7	70.1	110.1
77	30.6	10.7	50.7
79	26.4	6.9	46.9



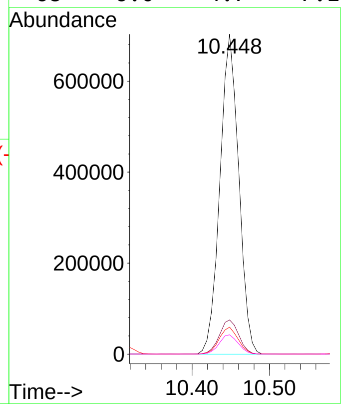
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

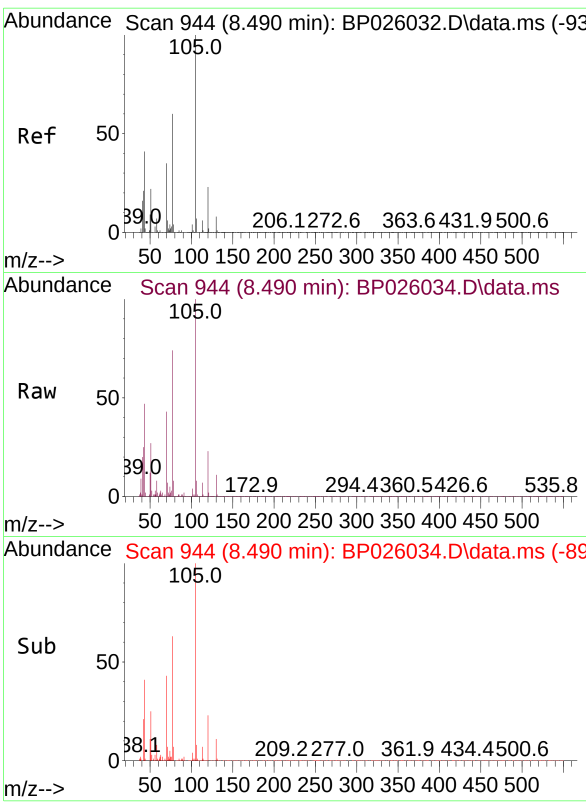


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.448 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:136 Resp: 1188234

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.4	6.6	10.0
68	6.0	4.7	7.1

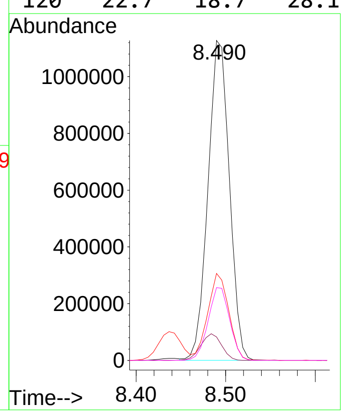




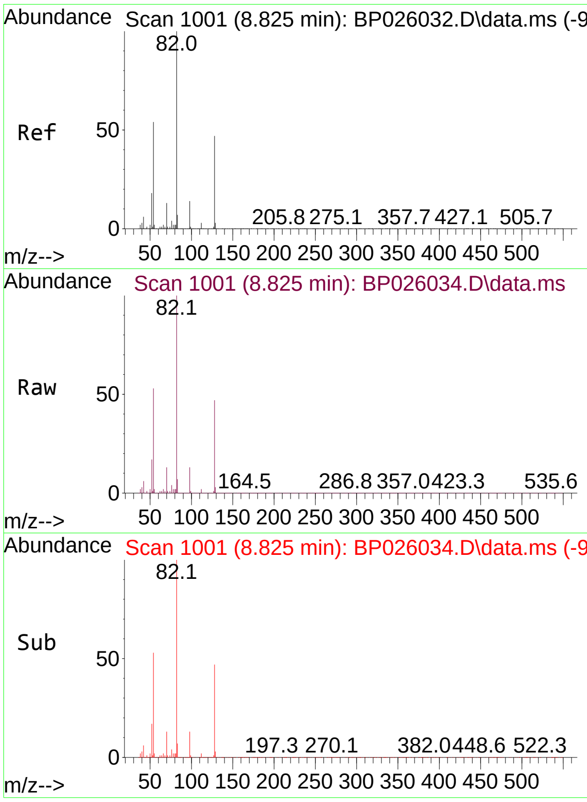
#22
Acetophenone
Concen: 62.324 ng
RT: 8.490 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:105 Resp: 1872894

Ion	Ratio	Lower	Upper
105	100		
71	7.3	4.7	7.1#
51	27.2	21.8	32.8
120	22.7	18.7	28.1



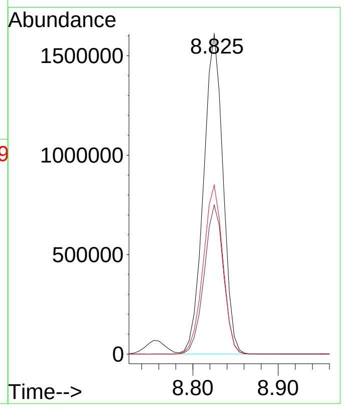
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

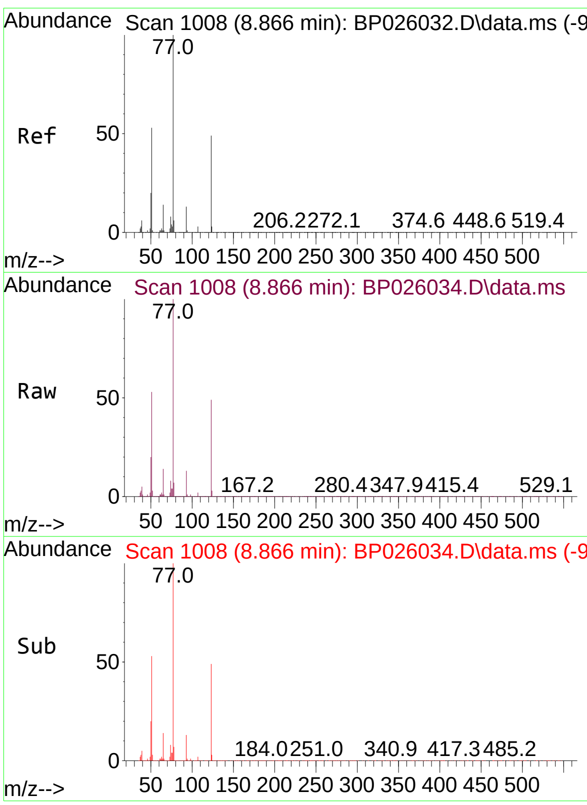


#23
Nitrobenzene-d5
Concen: 134.112 ng
RT: 8.825 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 82 Resp: 2556249

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.0
54	52.8	42.7	64.1

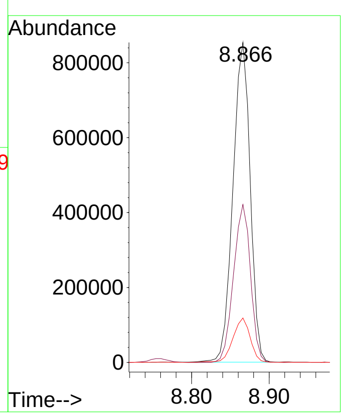




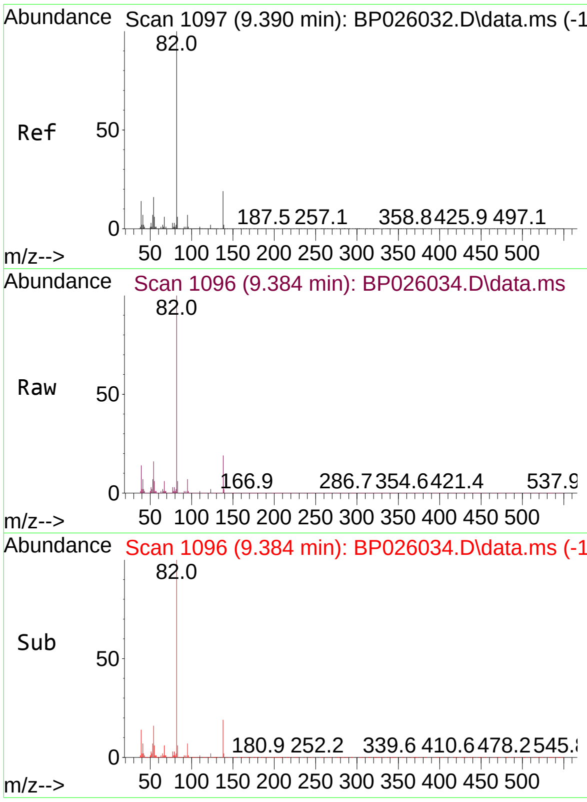
#24
Nitrobenzene
Concen: 65.646 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 77 Resp: 1321111

Ion	Ratio	Lower	Upper
77	100		
123	49.3	39.0	58.4
65	13.9	10.9	16.3



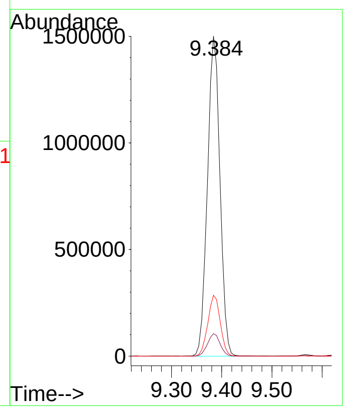
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

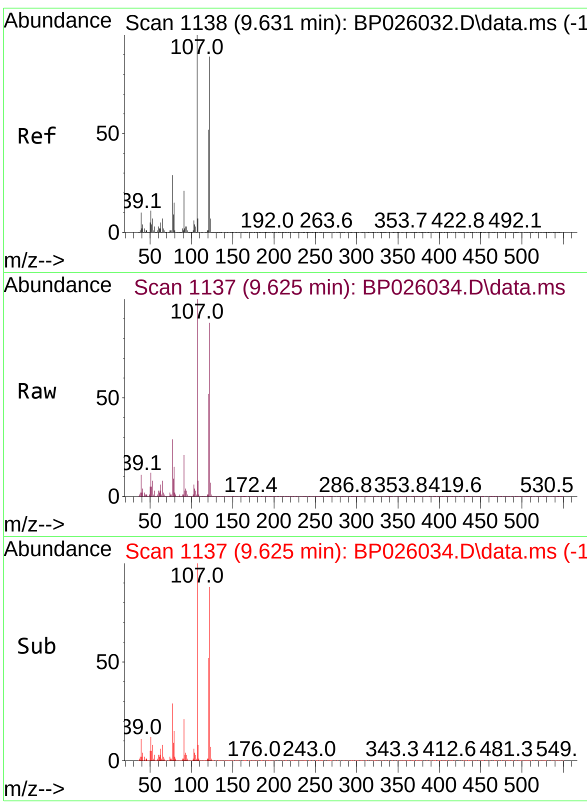


#25
Isophorone
Concen: 63.763 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 82 Resp: 2601391

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	19.0	15.0	22.6

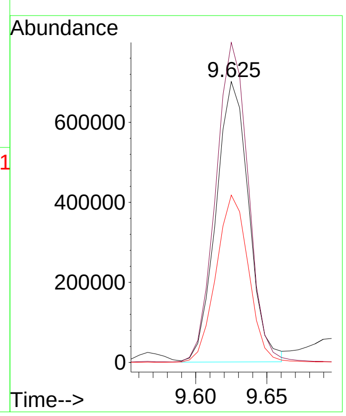




#27
2,4-Dimethylphenol
Concen: 65.520 ng
RT: 9.625 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

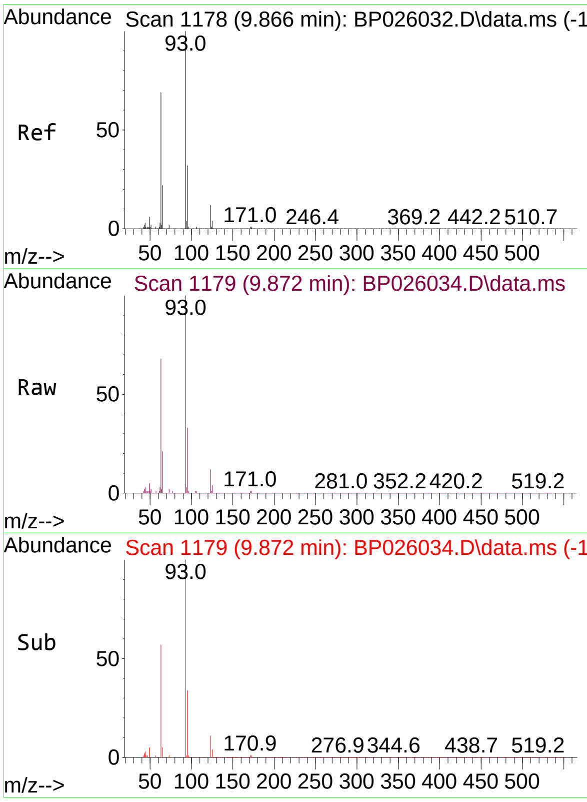
Tgt Ion:122 Resp: 1124076

Ion	Ratio	Lower	Upper
122	100		
107	114.0	89.2	133.8
121	59.6	46.3	69.5



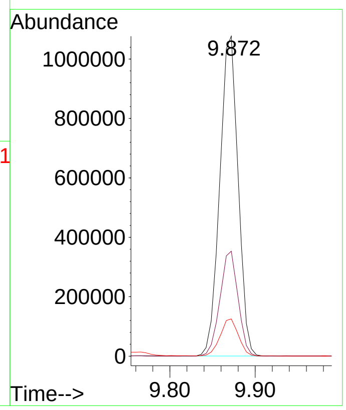
ICAL Form

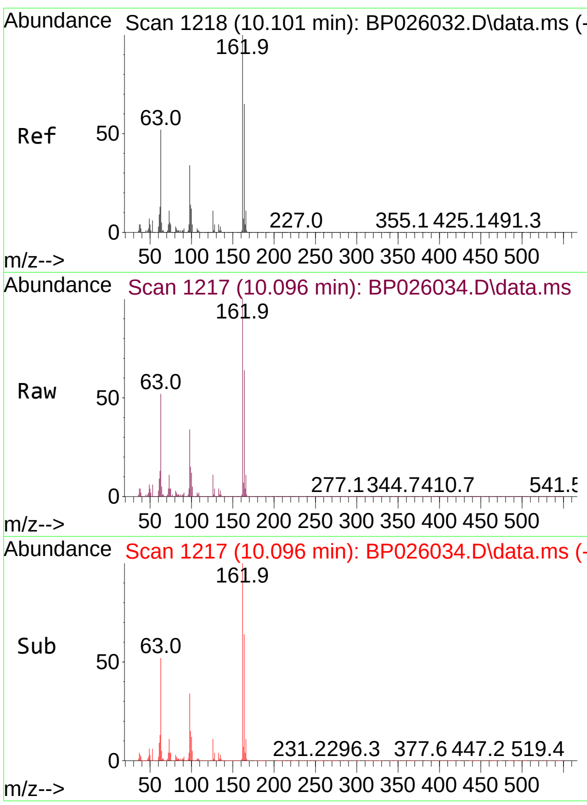
Instrument :
BNA_P
ClientSampleId :
SSTDICC060




```
#28
bis(2-Chloroethoxy)methane
Concen:   62.561 ng
RT:   9.872 min   Scan# 1
Delta R.T.  0.006 min
Lab File:   BP026034.D
Acq: 29 Oct 2025   13:32

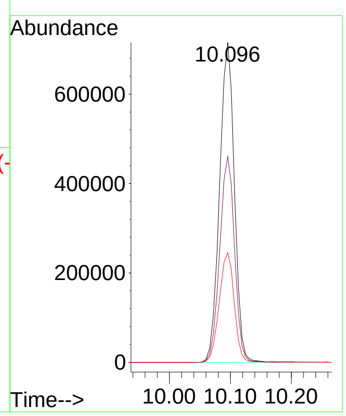
Tgt Ion: 93 Resp: 1608539
Ion  Ratio   Lower   Upper
 93  100
 95   32.8    25.8    38.6
123   11.6     9.3    13.9
```



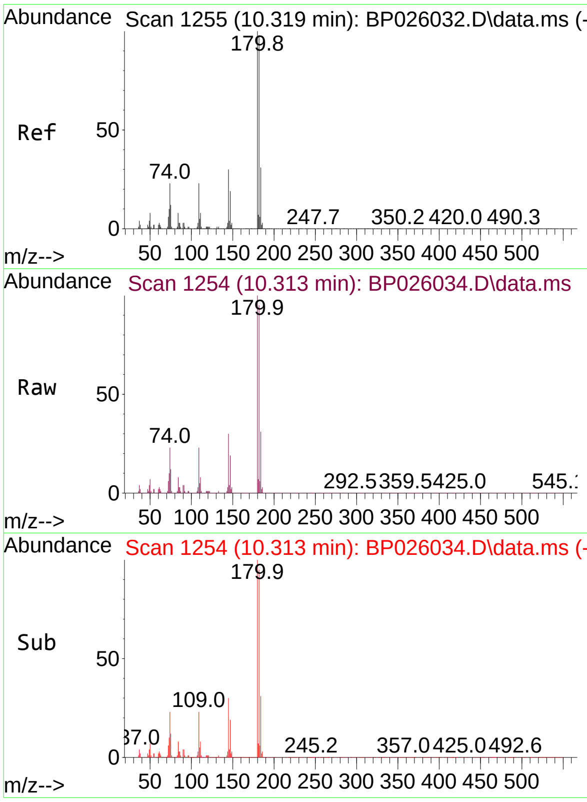



```
#29
2,4-Dichlorophenol
Concen:   66.994 ng
RT:  10.096 min   Scan# 1217
Delta R.T.  0.000 min
Lab File:   BP026034.D
Acq: 29 Oct 2025   13:32

Tgt Ion:162 Resp: 1213575
Ion  Ratio   Lower   Upper
162  100
164   64.3    44.6    84.6
 98   34.3    14.0    54.0
```



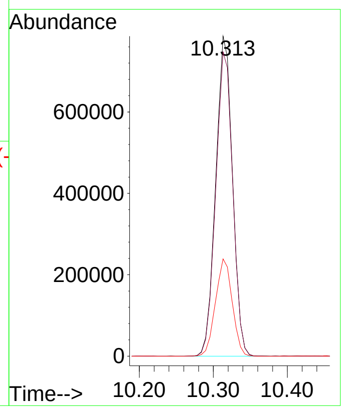
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

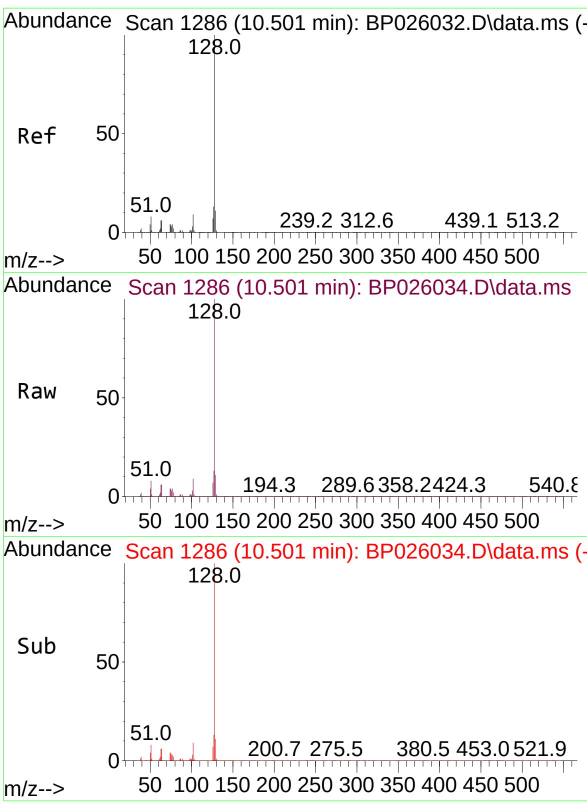


#30
1,2,4-Trichlorobenzene
Concen: 62.905 ng
RT: 10.313 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:180 Resp: 1238545

Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.6	117.8
145	30.4	24.2	36.4

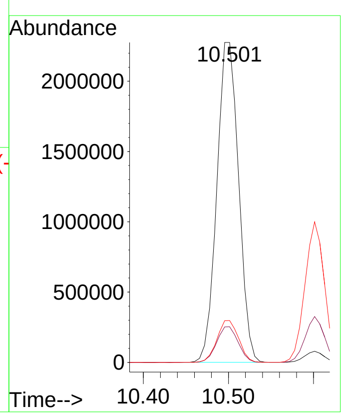




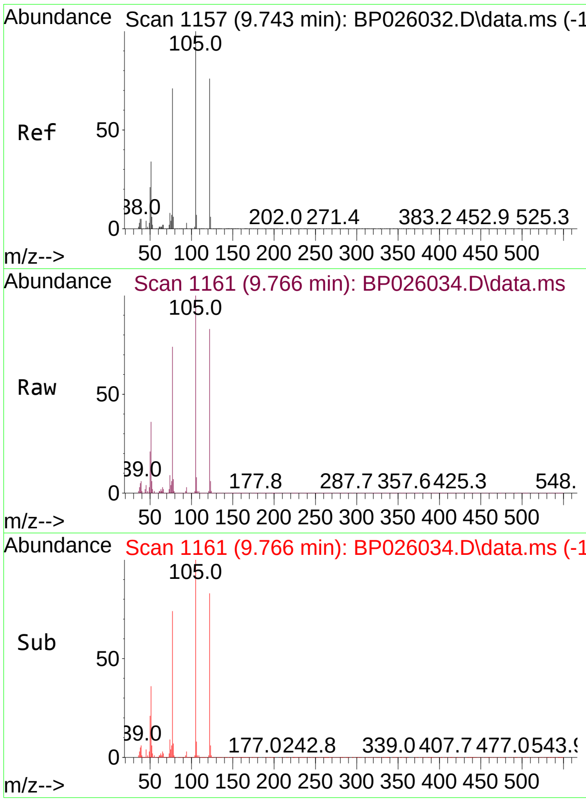
#31
Naphthalene
Concen: 62.555 ng
RT: 10.501 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:128 Resp: 4053338

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.1	10.5	15.7



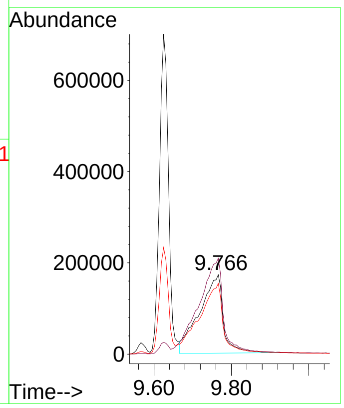
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

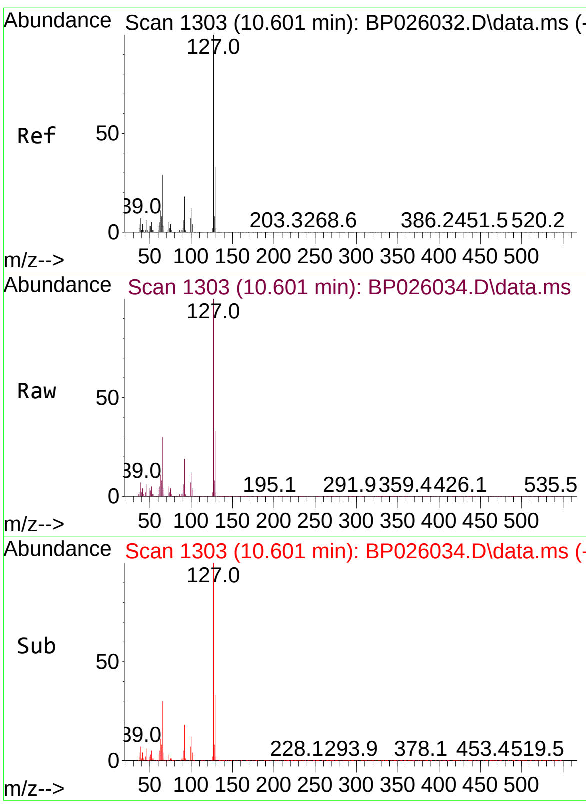


#32
Benzoic acid
Concen: 63.317 ng
RT: 9.766 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:122 Resp: 733177

Ion	Ratio	Lower	Upper
122	100		
105	120.7	104.8	144.8
77	89.0	70.9	110.9

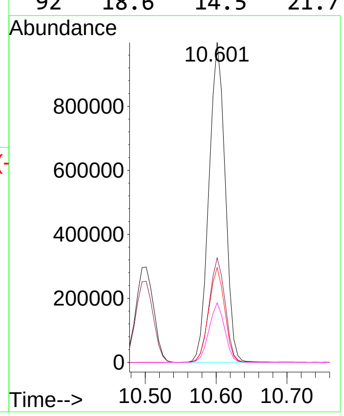




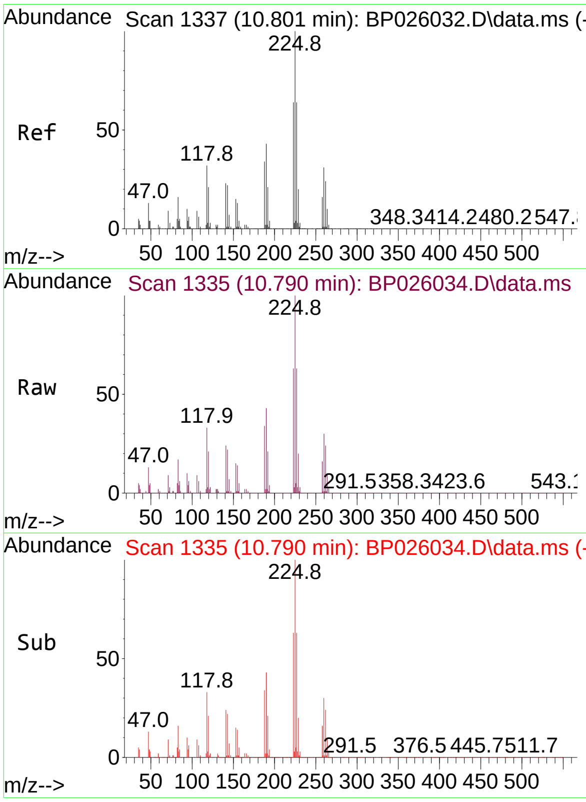
#33
4-Chloroaniline
Concen: 63.721 ng
RT: 10.601 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:127 Resp: 1586613

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	29.6	23.2	34.8
92	18.6	14.5	21.7



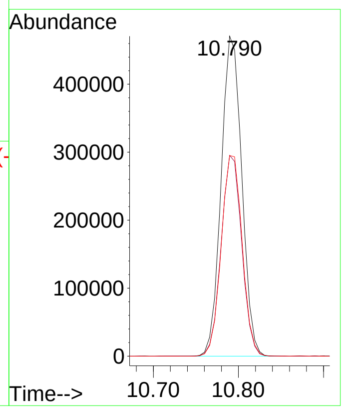
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

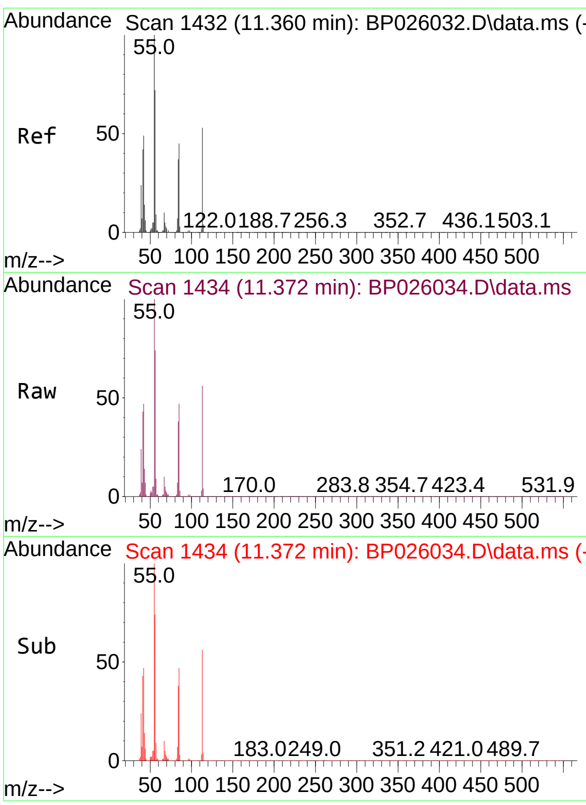


#34
Hexachlorobutadiene
Concen: 63.376 ng
RT: 10.790 min Scan# 13
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:225 Resp: 792964

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.9	76.3
227	62.7	51.0	76.4

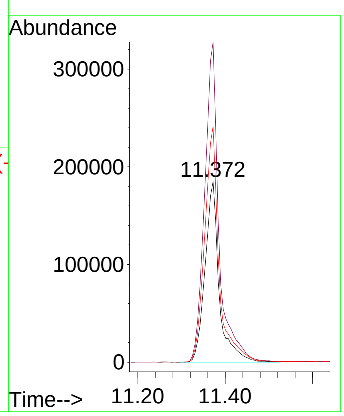




#35
Caprolactam
Concen: 65.121 ng
RT: 11.372 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:113 Resp: 414253

Ion	Ratio	Lower	Upper
113	100		
55	177.3	169.9	209.9
56	130.6	116.7	156.7



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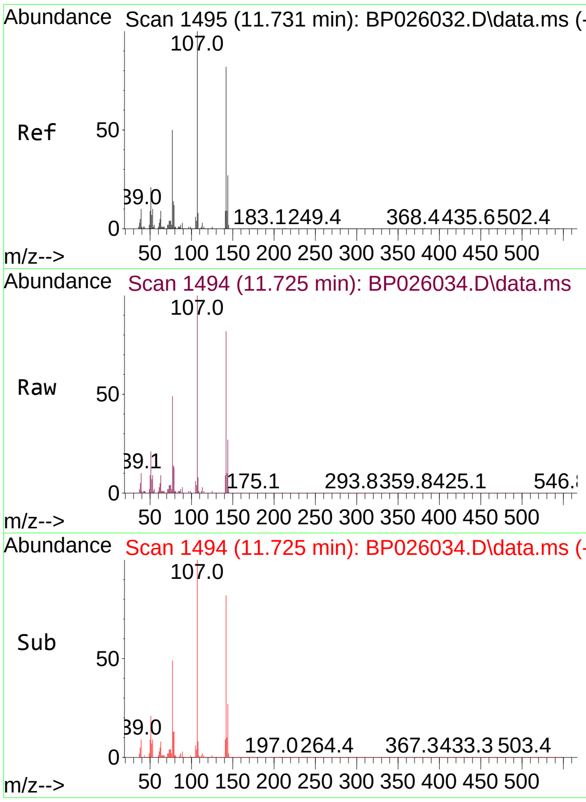
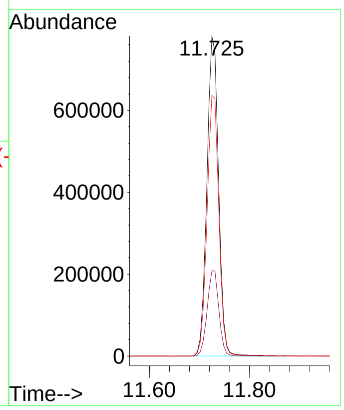
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

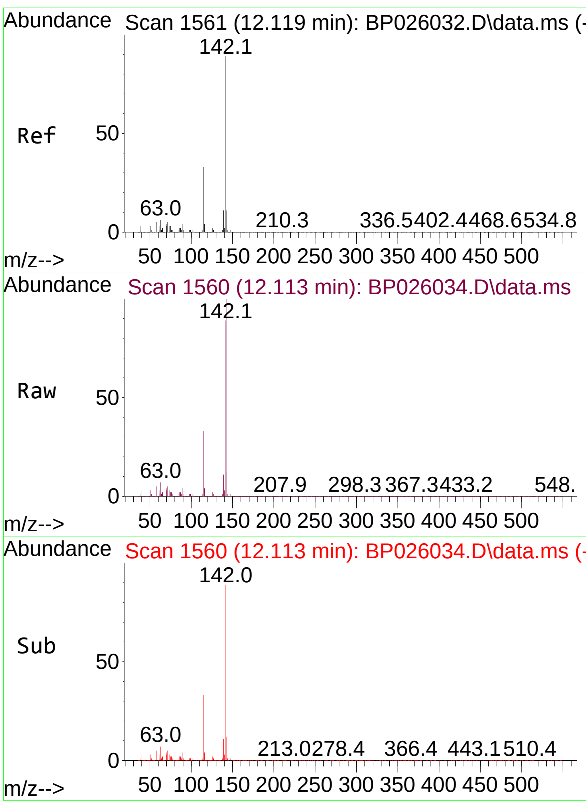


#36
4-Chloro-3-methylphenol
Concen: 66.778 ng
RT: 11.725 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:107 Resp: 1268077

Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.3	31.9
142	81.5	65.2	97.8

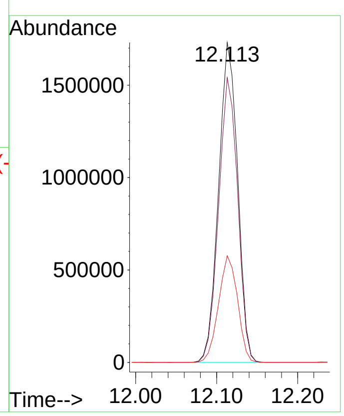




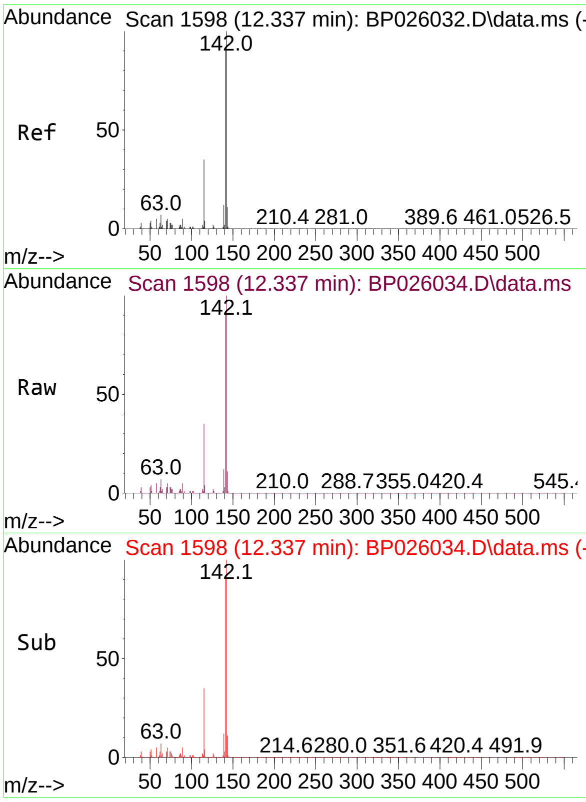
#37
2-Methylnaphthalene
Concen: 62.316 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:142 Resp: 2826130

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.6	107.4
115	33.3	26.6	39.8



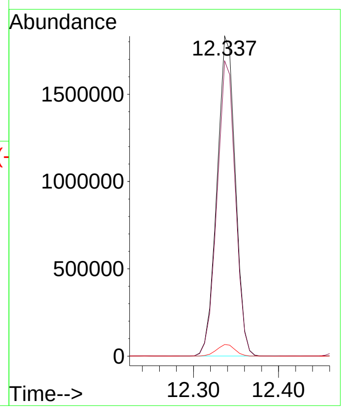
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

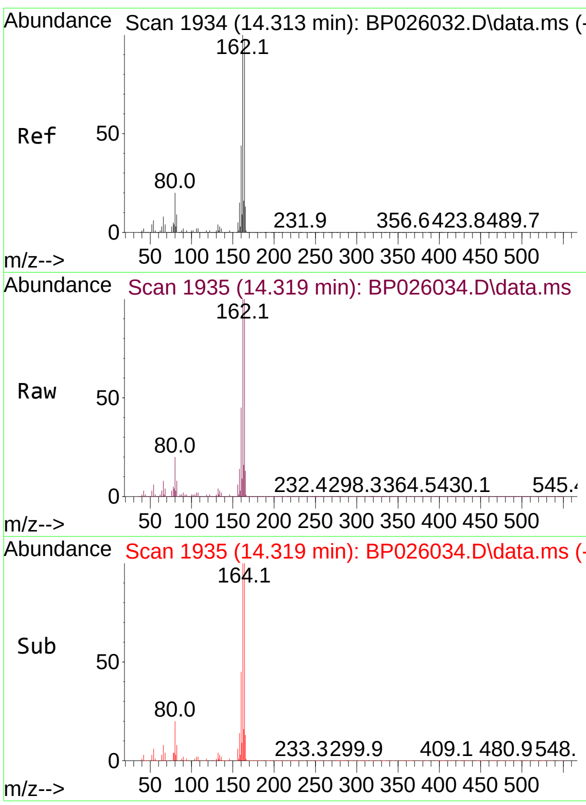


#38
1-Methylnaphthalene
Concen: 62.303 ng
RT: 12.337 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:142 Resp: 2744994

Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.7	109.1
116	3.6	2.9	4.3

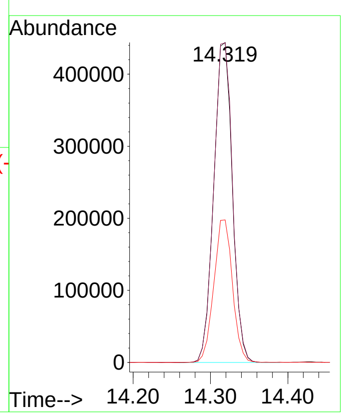




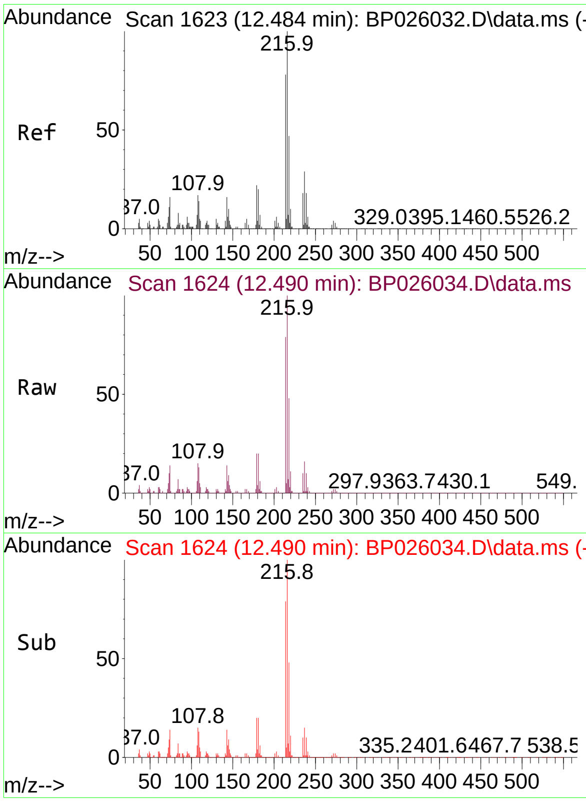
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:164 Resp: 740246

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.5	122.3
160	44.5	36.2	54.4



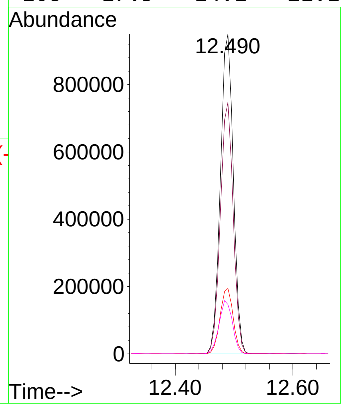
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

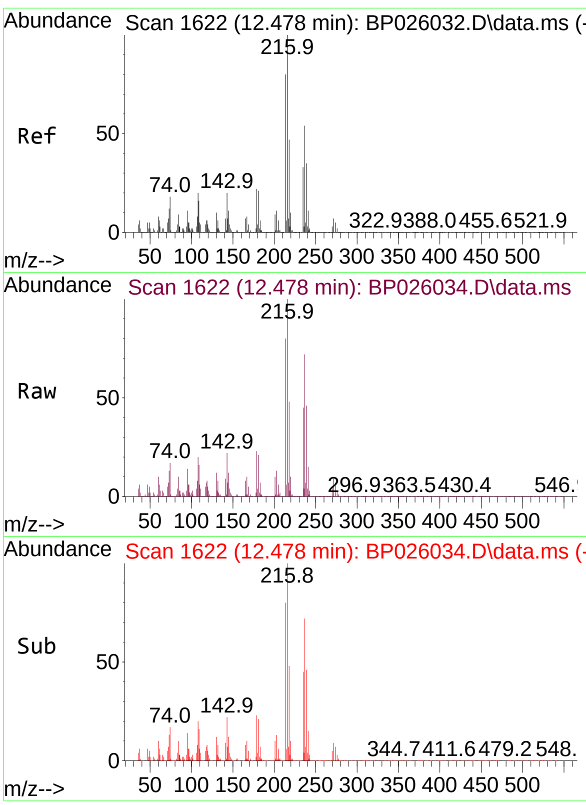


#40
1,2,4,5-Tetrachlorobenzene
Concen: 63.152 ng
RT: 12.490 min Scan# 16
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:216 Resp: 1452519

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.9	94.3
179	20.8	16.9	25.3
108	17.3	14.1	21.1

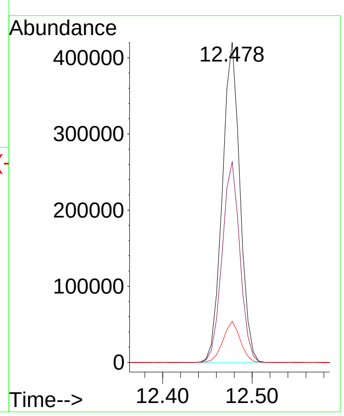




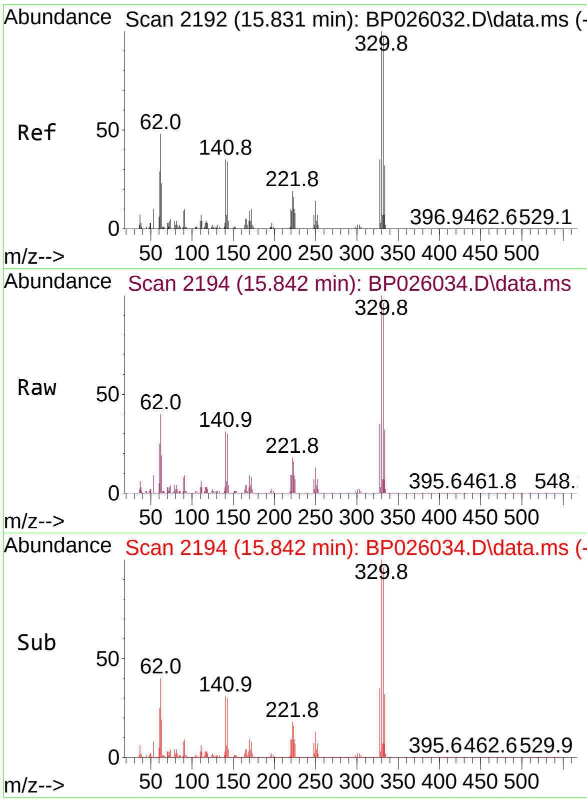
#41
Hexachlorocyclopentadiene
Concen: 68.581 ng
RT: 12.478 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:237 Resp: 577139

Ion	Ratio	Lower	Upper
237	100		
235	62.6	40.4	80.4
272	12.9	0.0	32.2



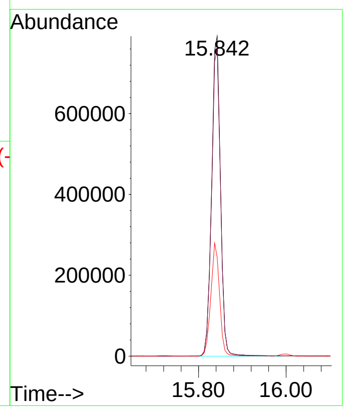
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

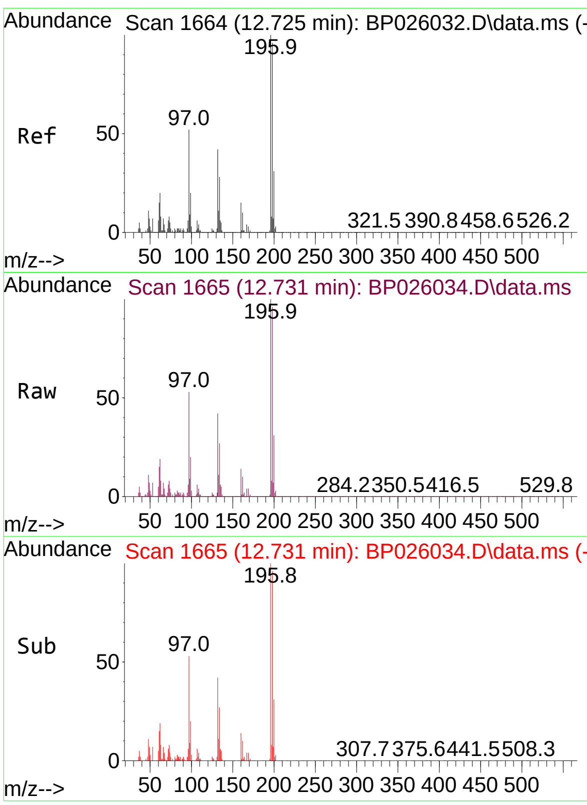


#42
2,4,6-Tribromophenol
Concen: 138.661 ng
RT: 15.842 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:330 Resp: 1109676

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	34.7	28.6	42.8

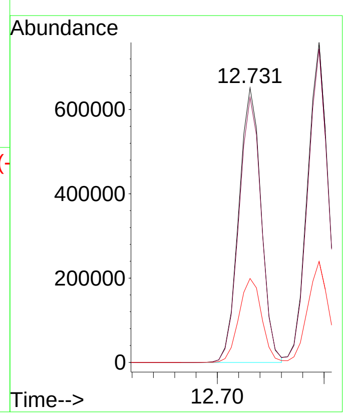




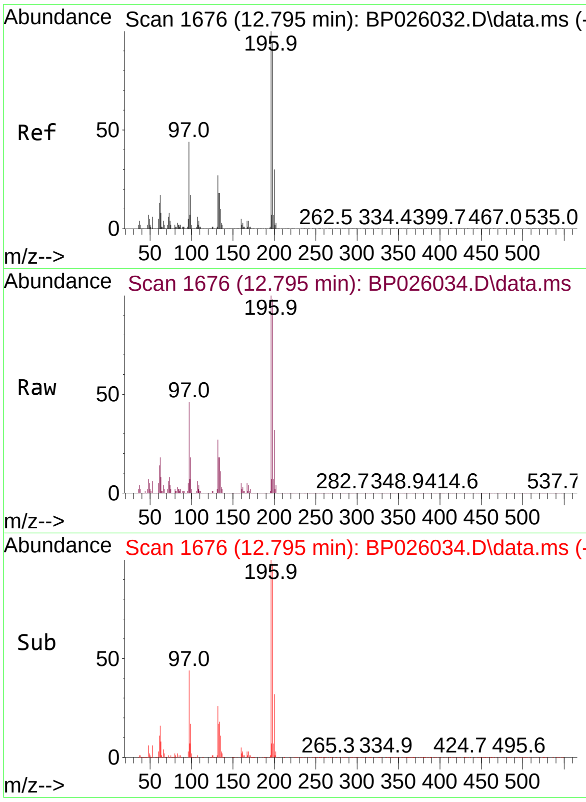
#43
2,4,6-Trichlorophenol
Concen: 69.685 ng
RT: 12.731 min Scan# 1665
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:196 Resp: 947367

Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.5	114.7
200	30.6	24.4	36.6



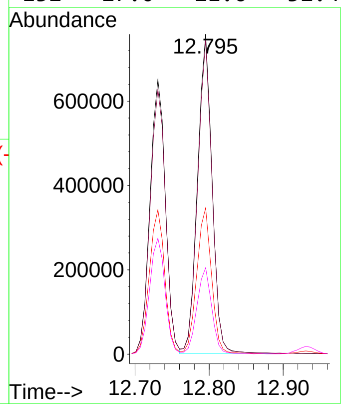
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

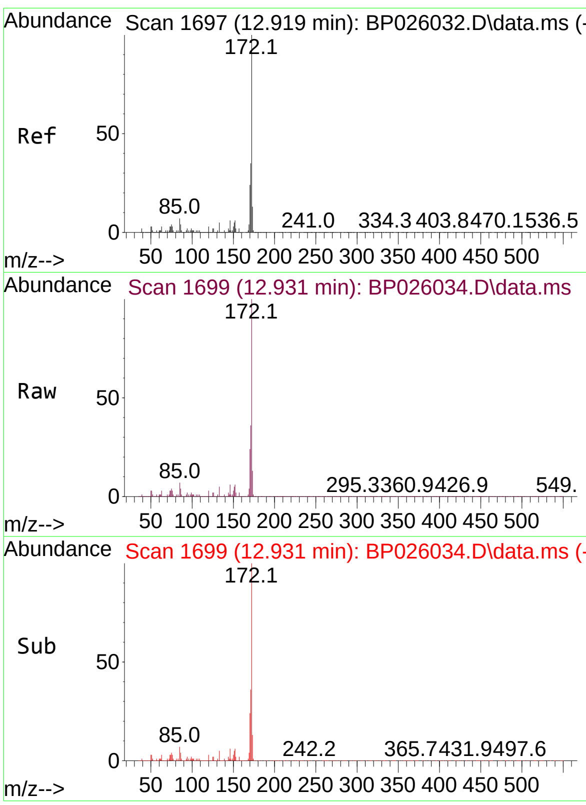


#44
2,4,5-Trichlorophenol
Concen: 67.173 ng
RT: 12.795 min Scan# 16
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:196 Resp: 1042039

Ion	Ratio	Lower	Upper
196	100		
198	98.0	75.1	112.7
97	45.7	35.5	53.3
132	27.0	21.6	32.4

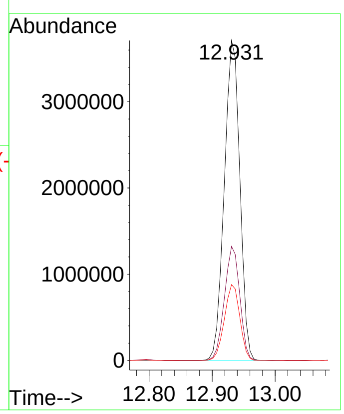




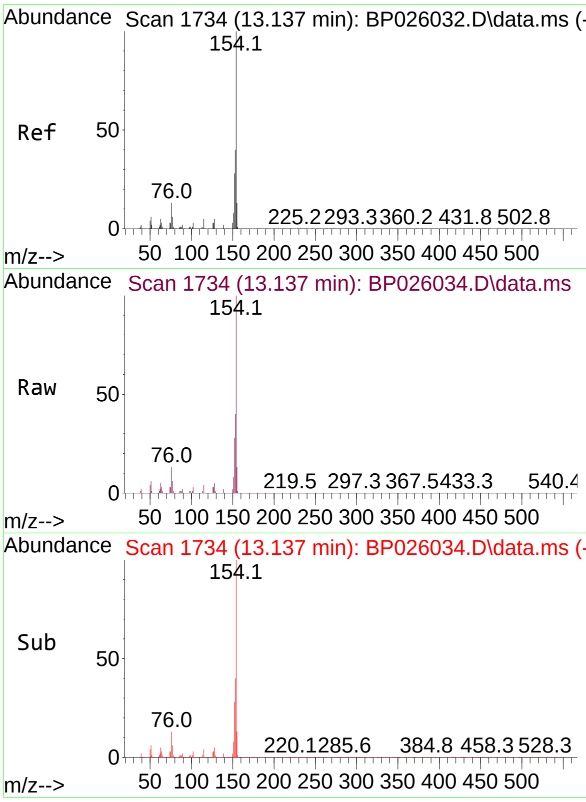
#45
2-Fluorobiphenyl
Concen: 123.451 ng
RT: 12.931 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:172 Resp: 6359685

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	23.7	19.0	28.4



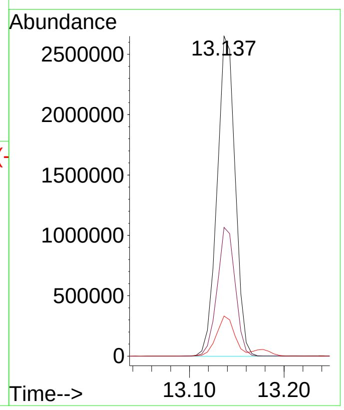
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

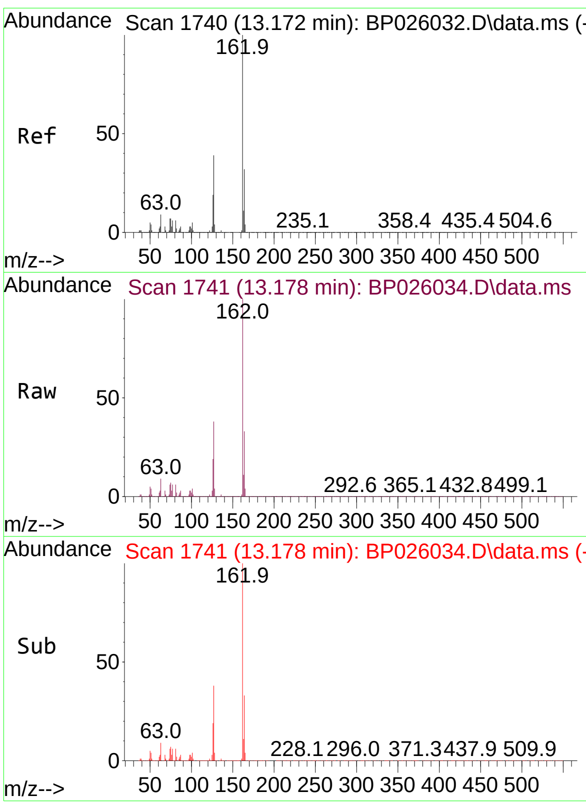


#46
1,1'-Biphenyl
Concen: 62.090 ng
RT: 13.137 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:154 Resp: 3519299

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	12.5	0.0	32.8

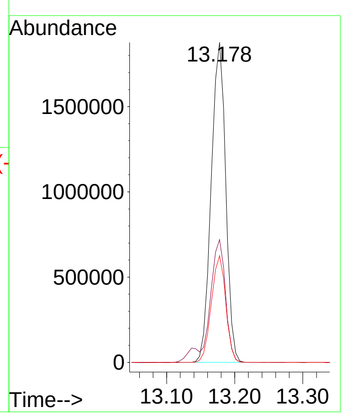




#47
2-Chloronaphthalene
Concen: 62.380 ng
RT: 13.178 min Scan# 1741
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:162 Resp: 2781932

Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.4	47.2
164	33.3	25.9	38.9



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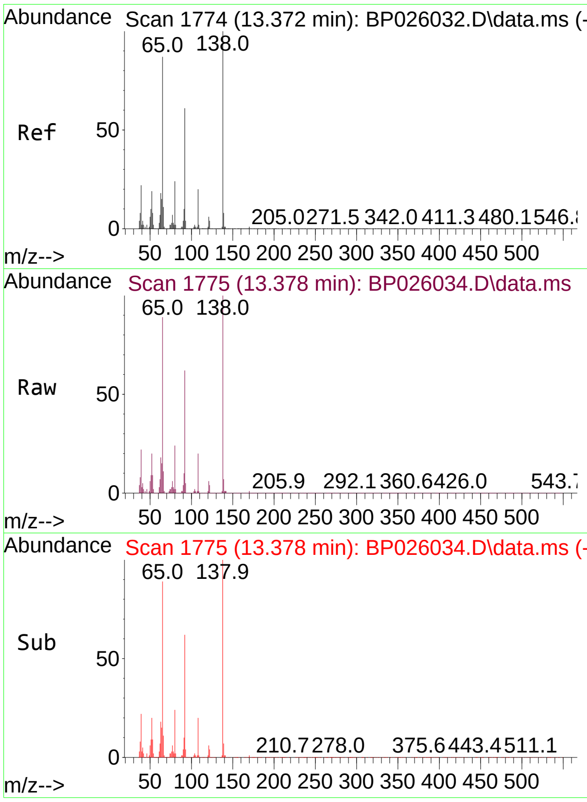
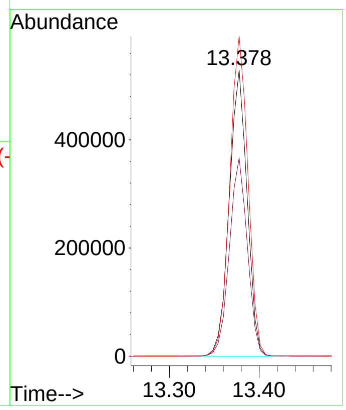
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

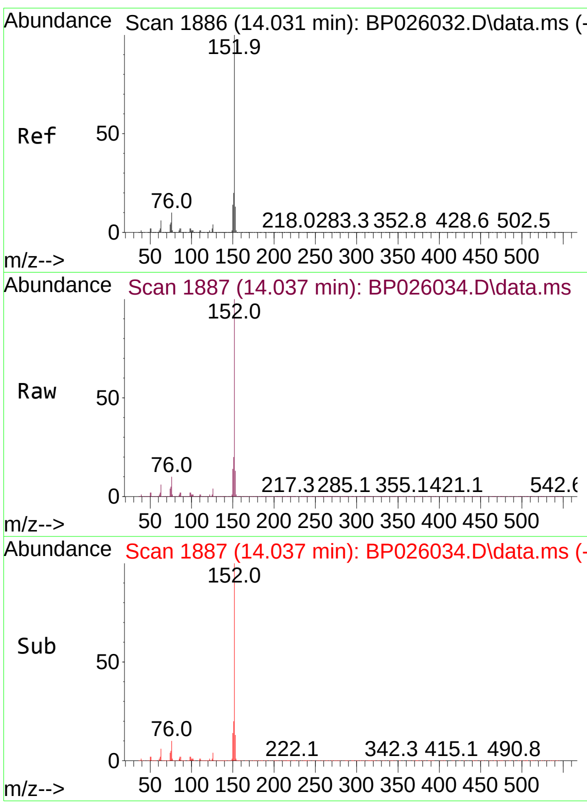


#48
2-Nitroaniline
Concen: 64.505 ng
RT: 13.378 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 65 Resp: 737734

Ion	Ratio	Lower	Upper
65	100		
92	69.2	55.5	83.3
138	111.8	91.7	137.5

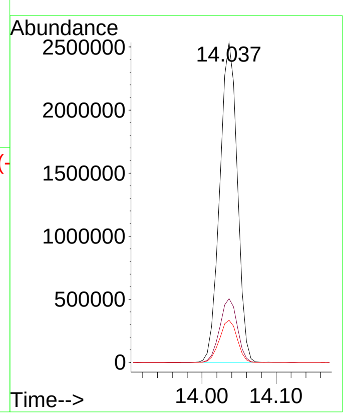




#49
Acenaphthylene
Concen: 64.110 ng
RT: 14.037 min Scan# 1887
Delta R.T. 0.001 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:152 Resp: 4167114

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.2	10.6	16.0



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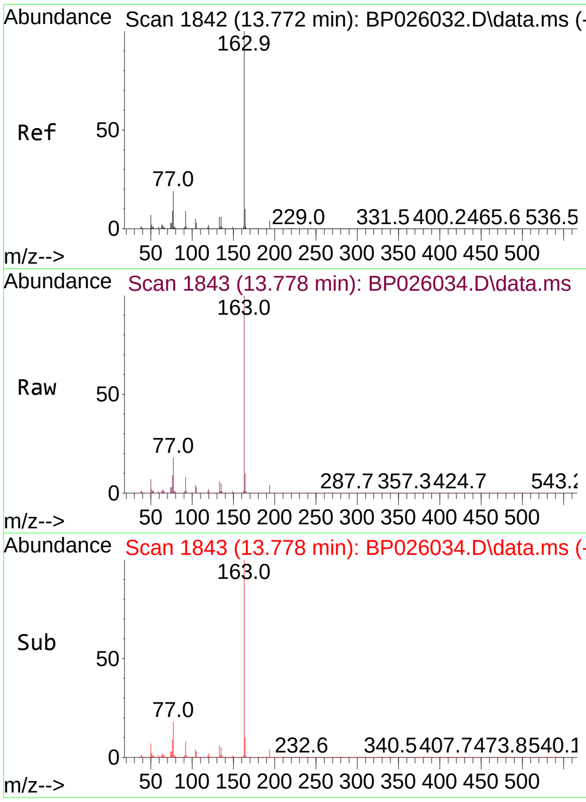
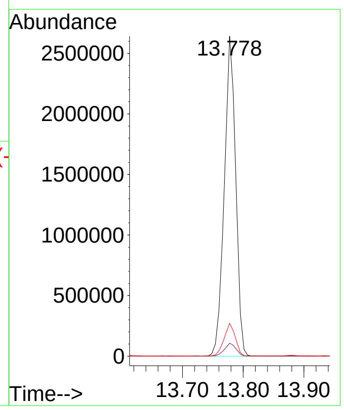


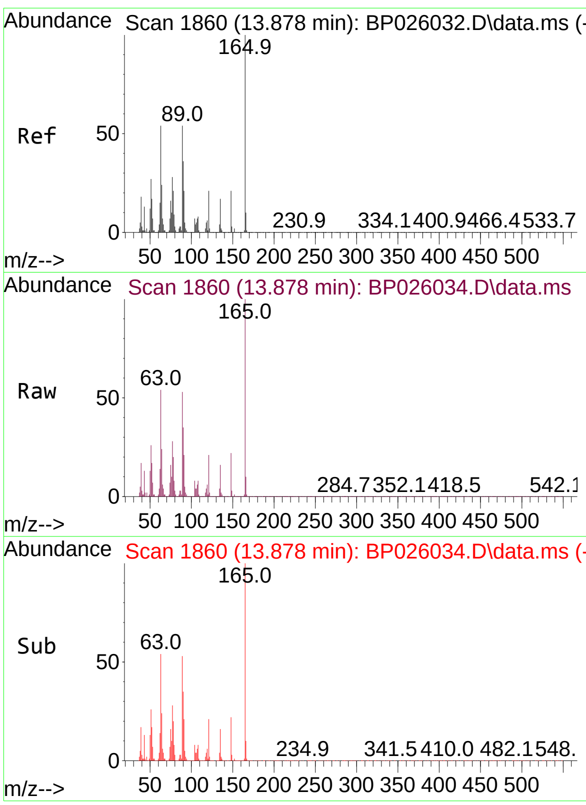
#50
Dimethylphthalate
Concen: 64.073 ng
RT: 13.778 min   Scan# 18
Delta R.T.   0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025   13:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:163 Resp: 3449991

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.3	8.2	12.2

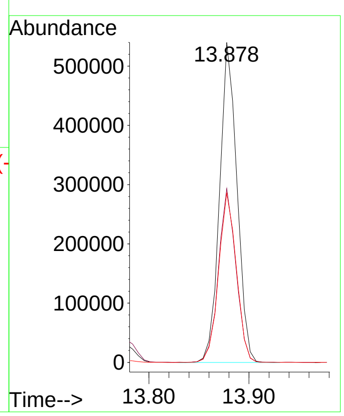




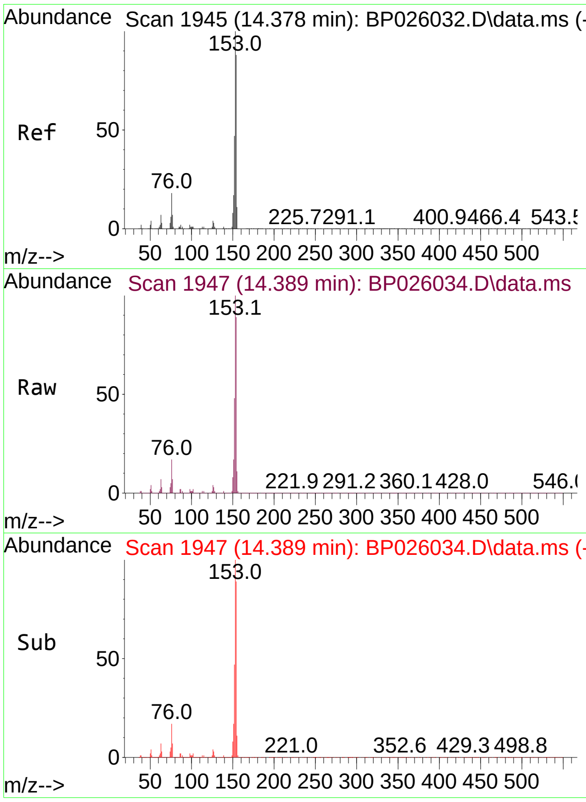
#51
2,6-Dinitrotoluene
Concen: 64.811 ng
RT: 13.878 min   Scan# 1860
Delta R.T.   -0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025   13:32

Tgt Ion:165 Resp: 652327

Ion	Ratio	Lower	Upper
165	100		
63	54.3	43.0	64.4
89	53.0	43.0	64.4



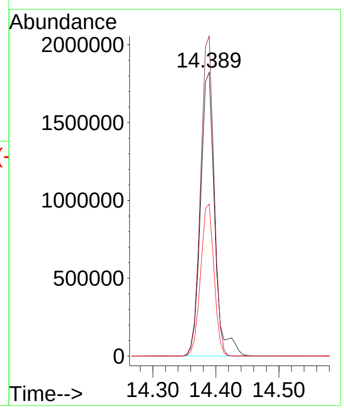
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

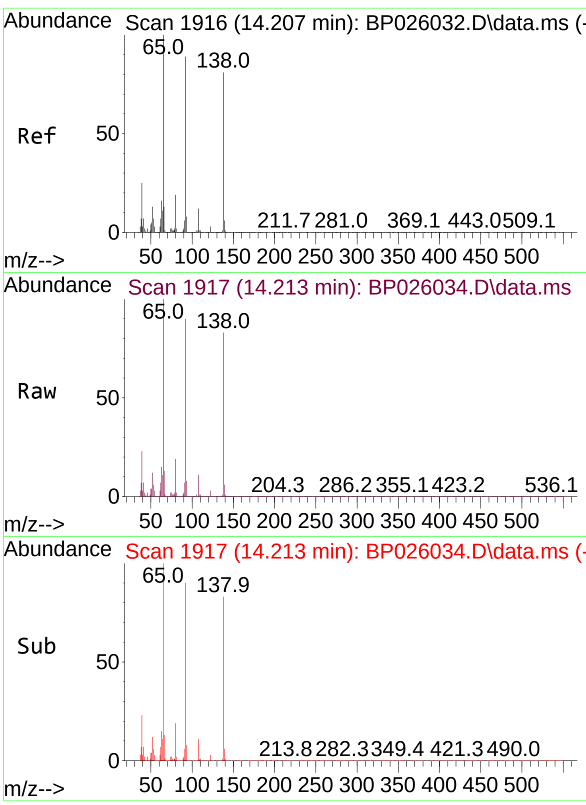


#52
Acenaphthene
Concen: 63.592 ng
RT: 14.389 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:154 Resp: 2837620

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.0	136.4
152	53.6	42.7	64.1

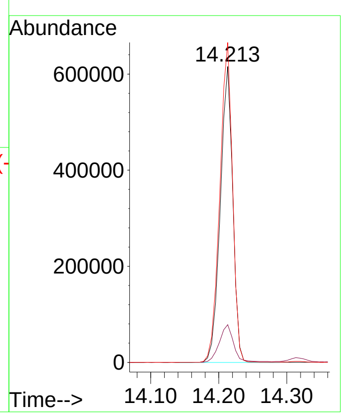




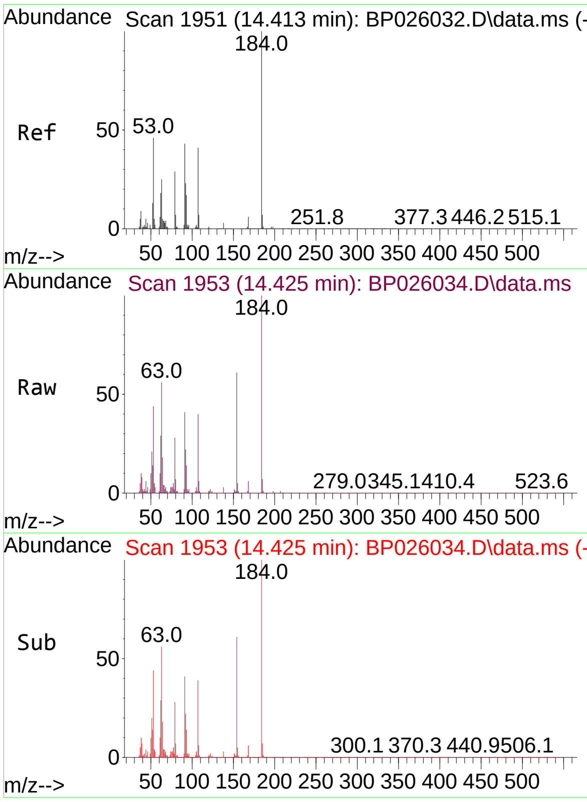
#53
3-Nitroaniline
Concen: 63.434 ng
RT: 14.213 min Scan# 1917
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:138 Resp: 780369

Ion	Ratio	Lower	Upper
138	100		
108	12.7	11.4	17.0
92	108.1	87.1	130.7



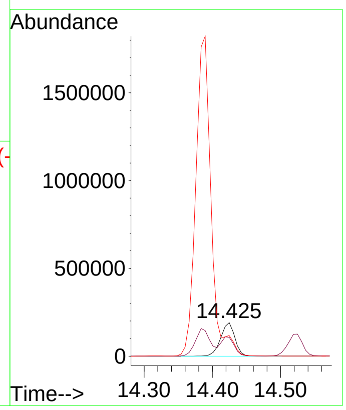
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

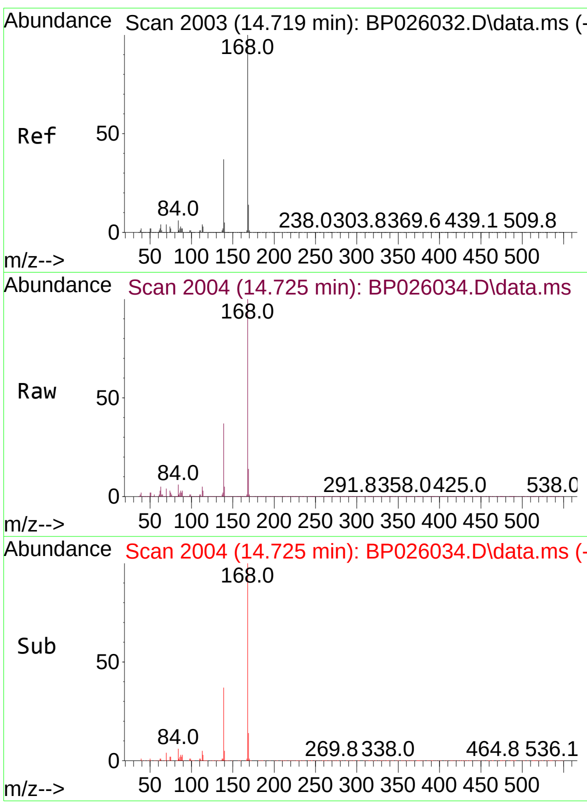


#54
2,4-Dinitrophenol
Concen: 63.744 ng
RT: 14.425 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:184 Resp: 274254

Ion	Ratio	Lower	Upper
184	100		
63	56.3	49.0	73.4
154	61.3	51.0	76.6

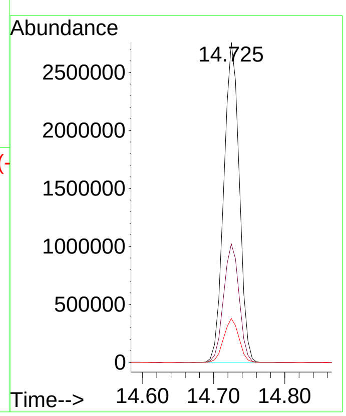




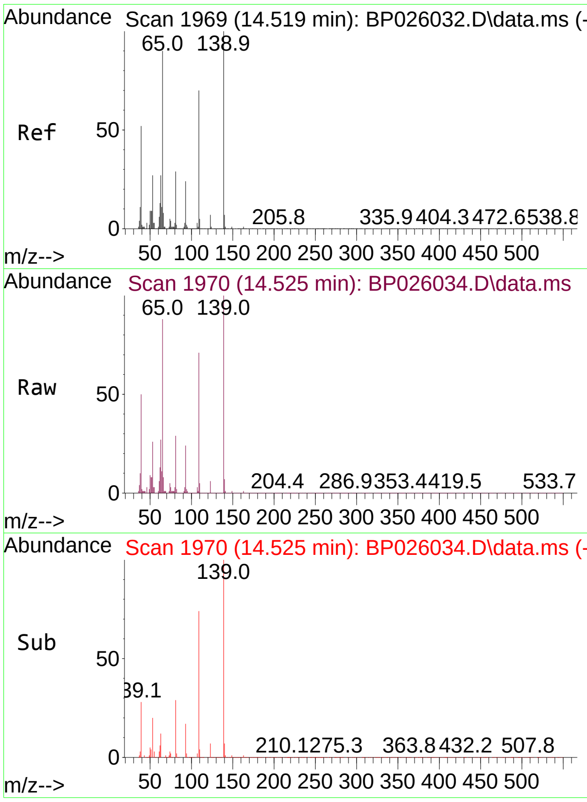
#55
Dibenzofuran
Concen: 62.047 ng
RT: 14.725 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:168 Resp: 4183126

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.7	44.5
169	13.7	11.0	16.4



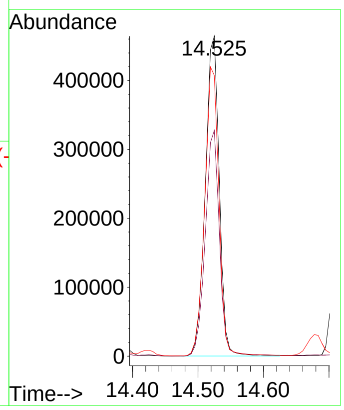
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

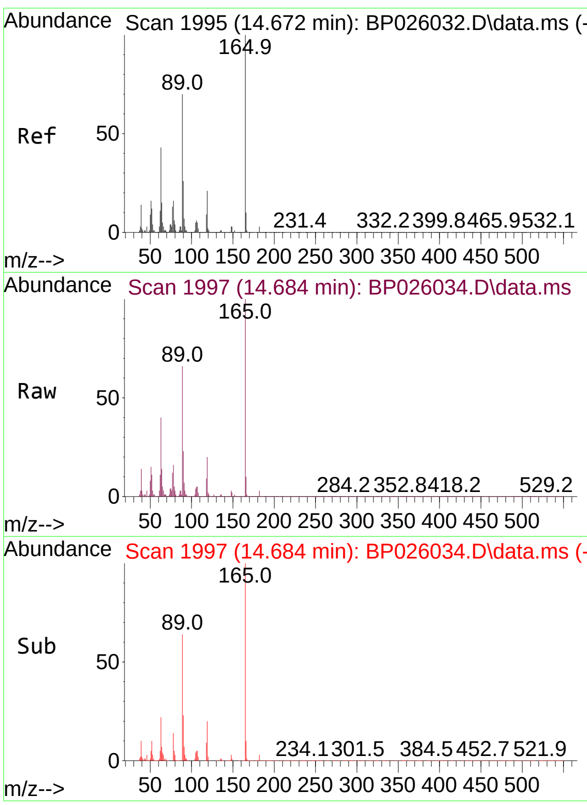


#56
4-Nitrophenol
Concen: 64.089 ng
RT: 14.525 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:139 Resp: 688114

Ion	Ratio	Lower	Upper
139	100		
109	70.5	50.0	90.0
65	87.7	69.6	109.6

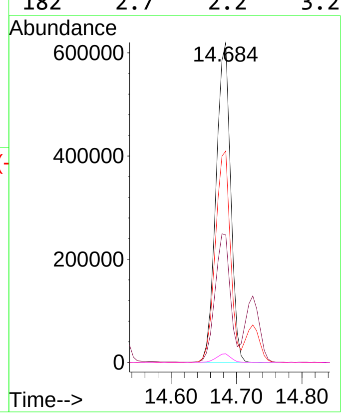




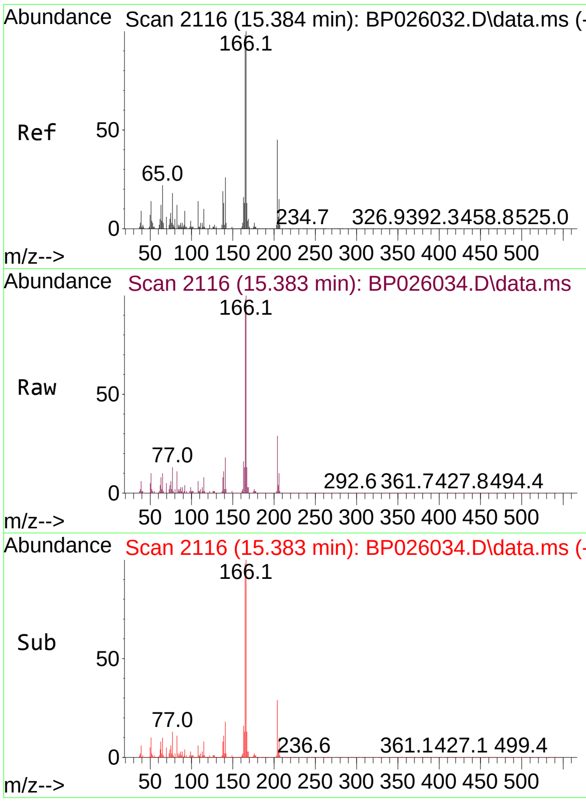
#57
2,4-Dinitrotoluene
Concen: 65.768 ng
RT: 14.684 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:165 Resp: 961200

Ion	Ratio	Lower	Upper
165	100		
63	39.8	34.2	51.2
89	66.1	56.0	84.0
182	2.7	2.2	3.2



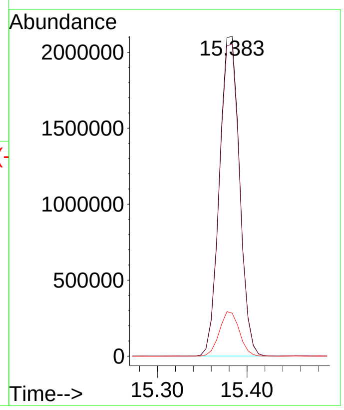
Instrument : BNA_P
ClientSampleId : SSTDICC060

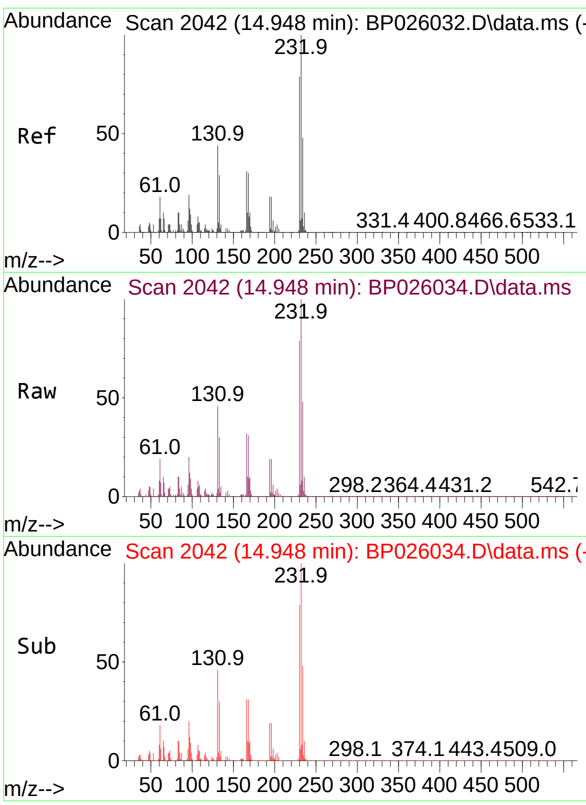


#58
Fluorene
Concen: 62.737 ng
RT: 15.383 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:166 Resp: 3313648

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.1	117.1
167	13.4	10.6	16.0

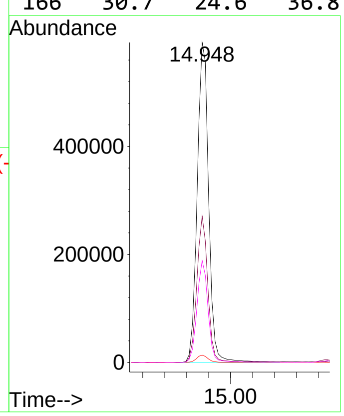




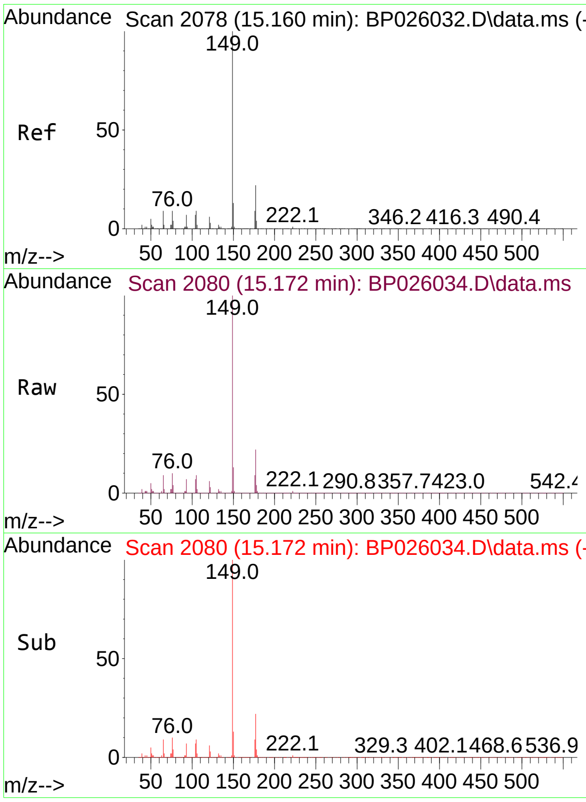
#59
2,3,4,6-Tetrachlorophenol
Concen: 70.360 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:232 Resp: 858179

Ion	Ratio	Lower	Upper
232	100		
131	43.8	35.2	52.8
130	2.3	1.7	2.5
166	30.7	24.6	36.8



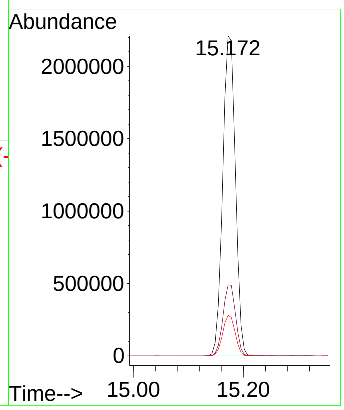
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

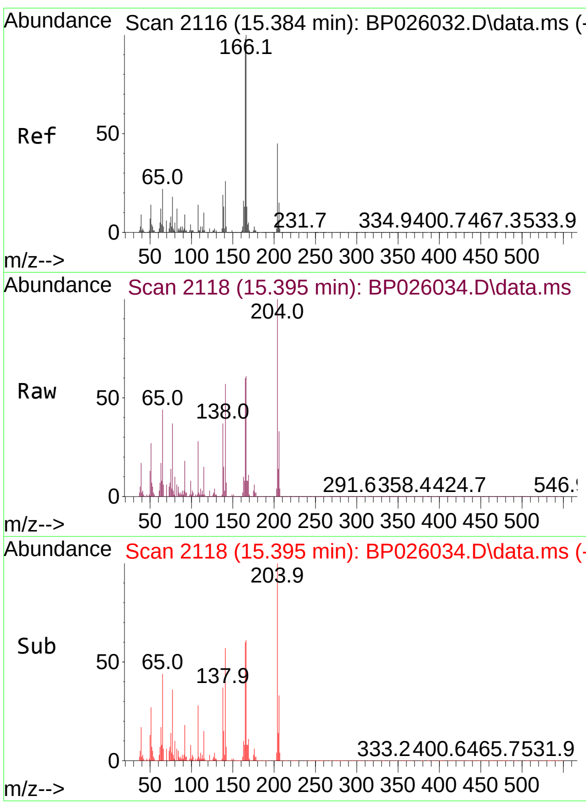


#60
Diethylphthalate
Concen: 65.288 ng
RT: 15.172 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:149 Resp: 3534128

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.9	26.9
150	12.7	10.1	15.1

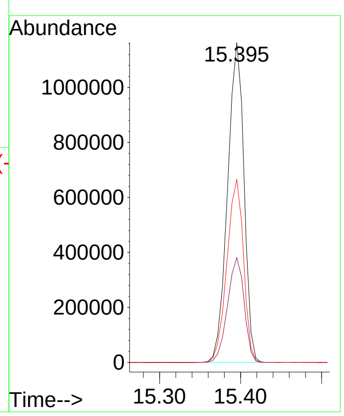




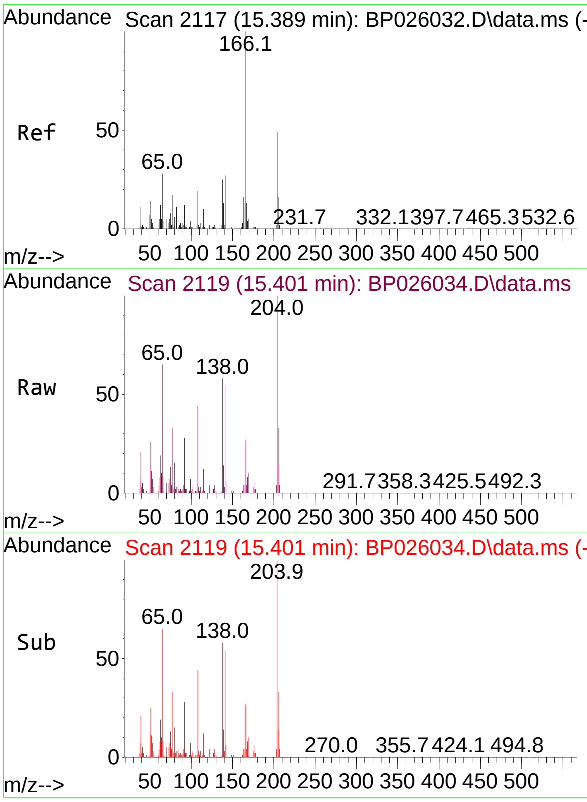
#61
4-Chlorophenyl-phenylether
Concen: 62.210 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:204 Resp: 1640879

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	57.1	47.0	70.4



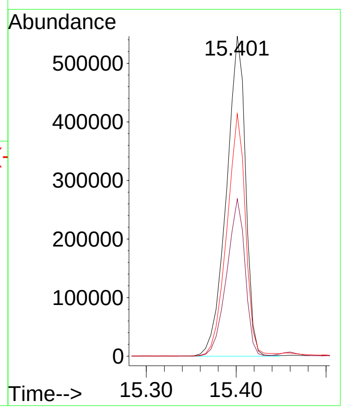
Instrument : BNA_P
ClientSampleId : SSTDICC060

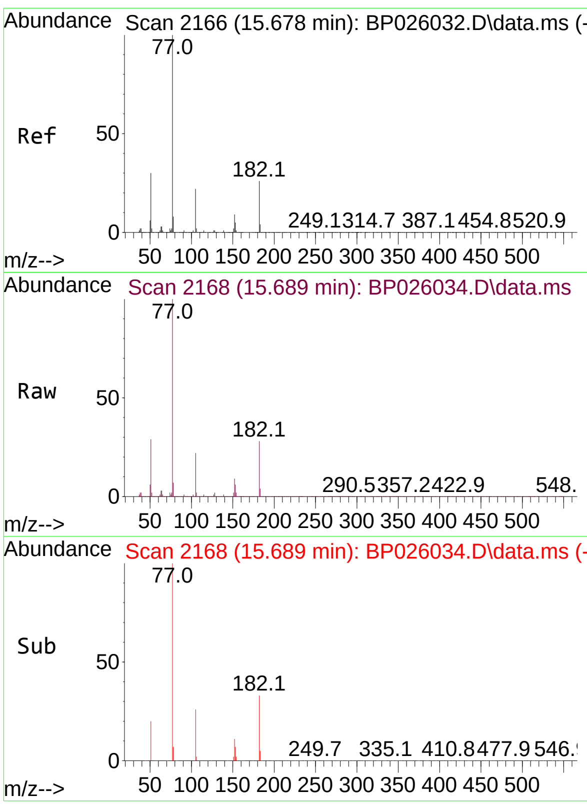


#62
4-Nitroaniline
Concen: 71.051 ng
RT: 15.401 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:138 Resp: 817496

Ion	Ratio	Lower	Upper
138	100		
92	49.1	28.2	68.2
108	75.7	56.0	96.0

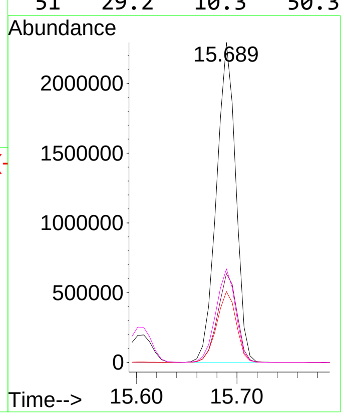


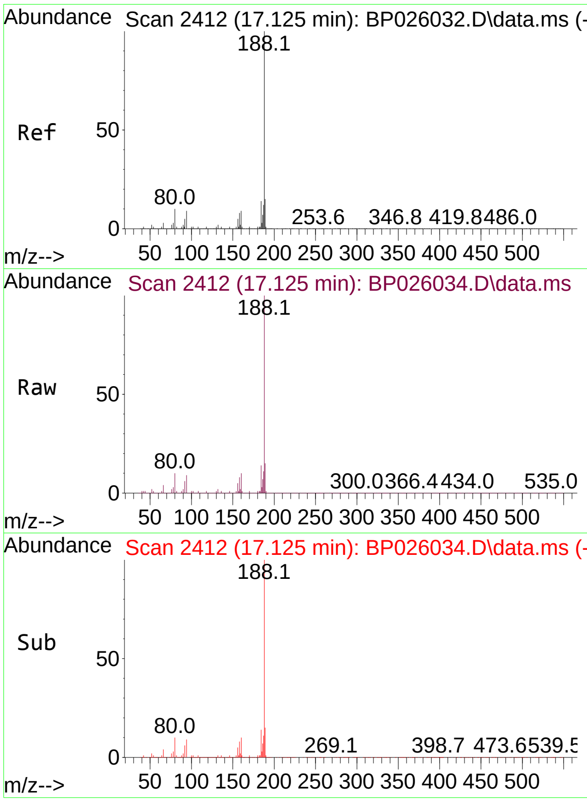


#63
Azobenzene
Concen: 62.764 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 77 Resp: 3079138

Ion	Ratio	Lower	Upper
77	100		
182	27.7	6.4	46.4
105	22.1	2.2	42.2
51	29.2	10.3	50.3



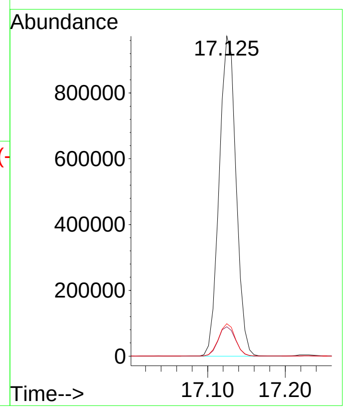


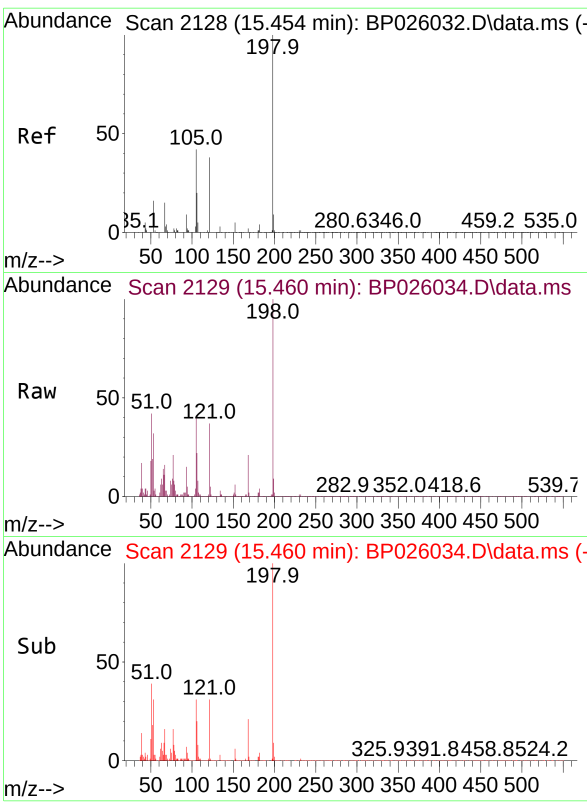
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:188 Resp: 1468570

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.1	10.7
80	10.1	7.9	11.9

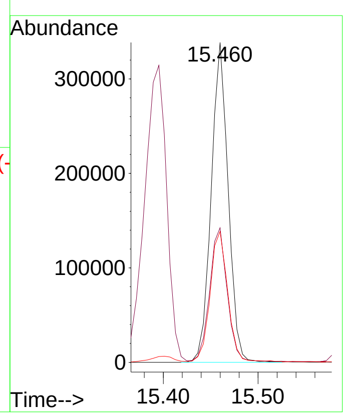




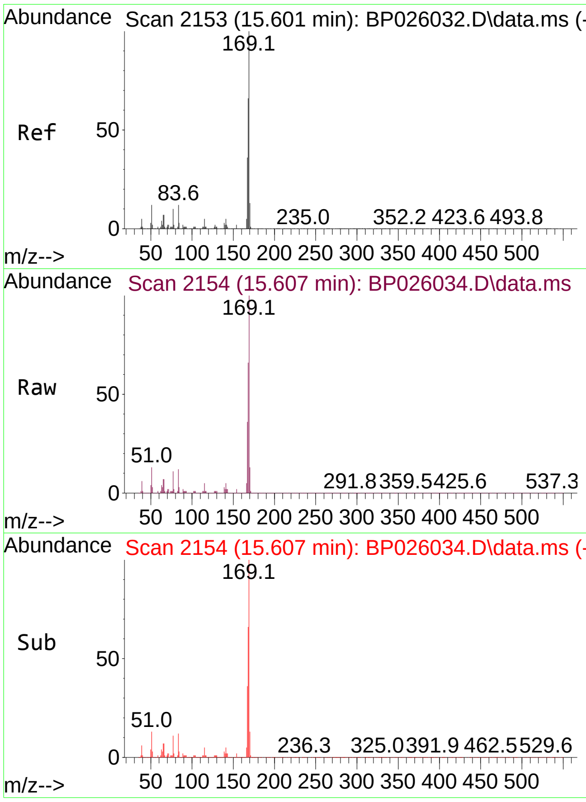
#65
4,6-Dinitro-2-methylphenol
Concen: 64.124 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:198 Resp: 420911

Ion	Ratio	Lower	Upper
198	100		
51	42.1	25.2	65.2
105	40.9	23.7	63.7



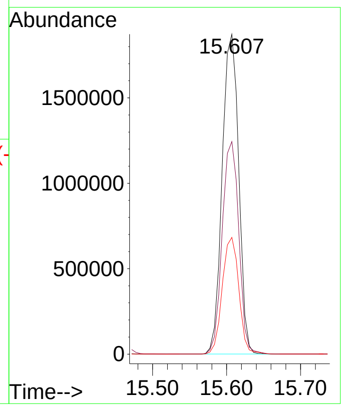
Instrument : BNA_P
ClientSampleId : SSTDICC060

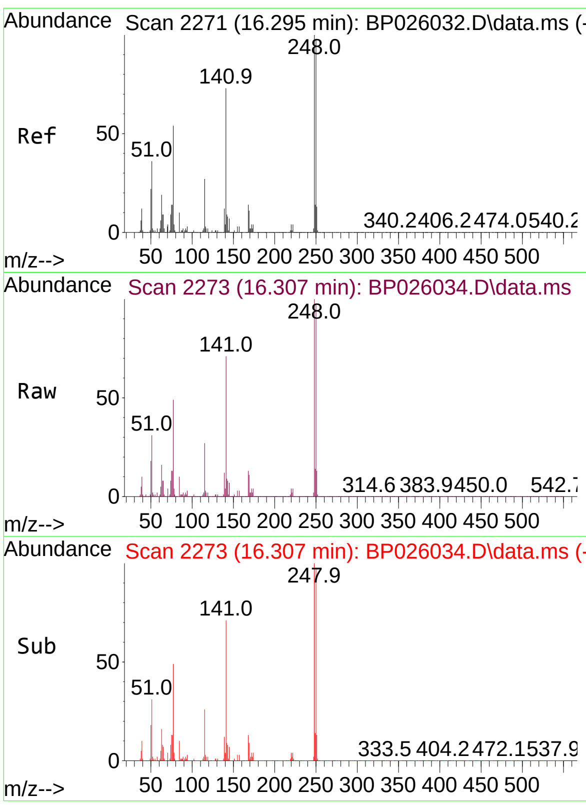


#66
n-Nitrosodiphenylamine
Concen: 63.193 ng
RT: 15.607 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:169 Resp: 2901612

Ion	Ratio	Lower	Upper
169	100		
168	66.4	52.9	79.3
167	36.5	28.9	43.3

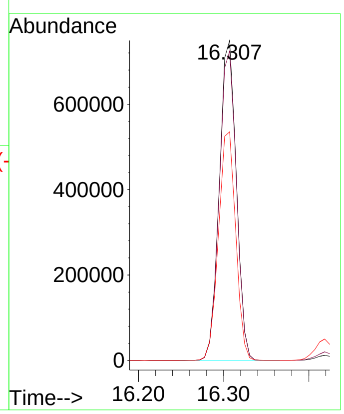




#67
4-Bromophenyl-phenylether
Concen: 64.082 ng
RT: 16.307 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:248 Resp: 1043905

Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.4	117.6
141	71.4	58.3	87.5



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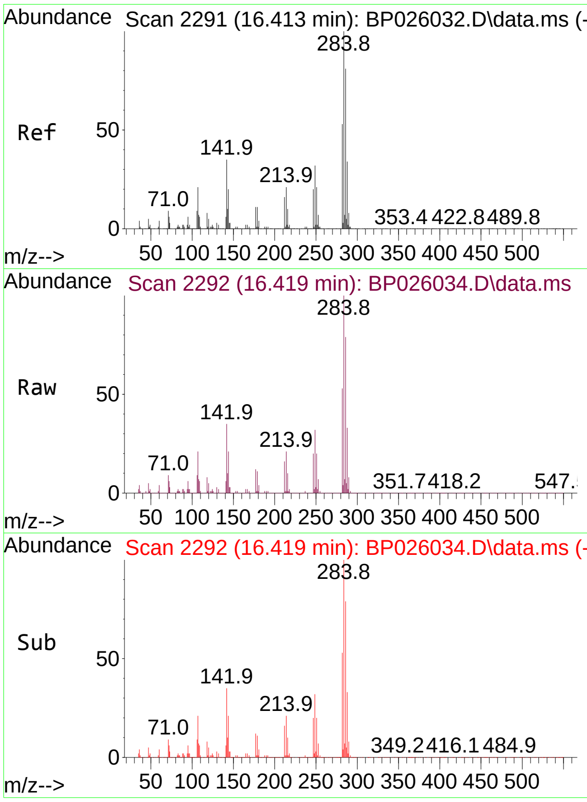
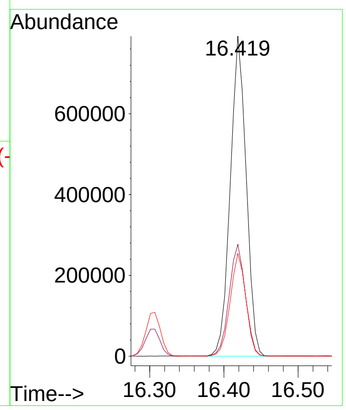


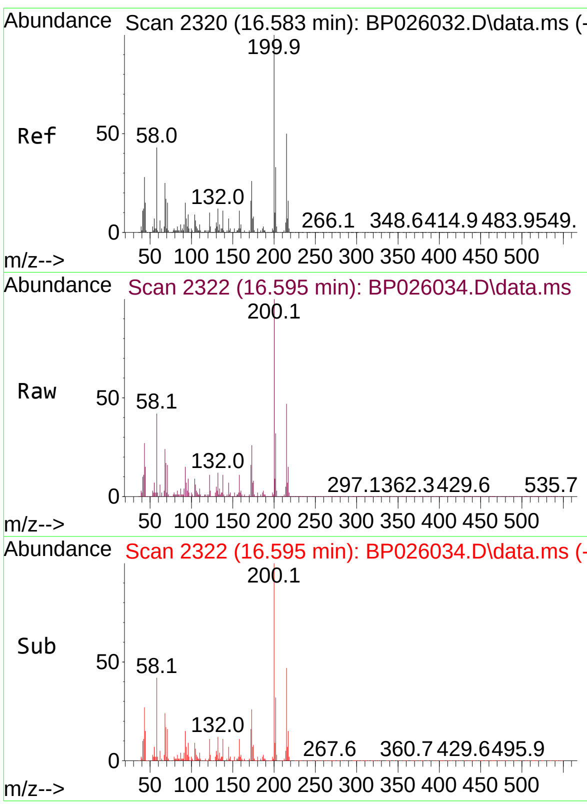
#68
Hexachlorobenzene
Concen: 63.645 ng
RT: 16.419 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:284 Resp: 1180264

Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.7	41.5
249	32.0	25.5	38.3

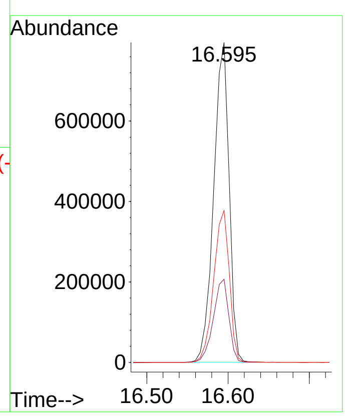




#69
Atrazine
Concen: 67.838 ng
RT: 16.595 min Scan# 2322
Delta R.T. 0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

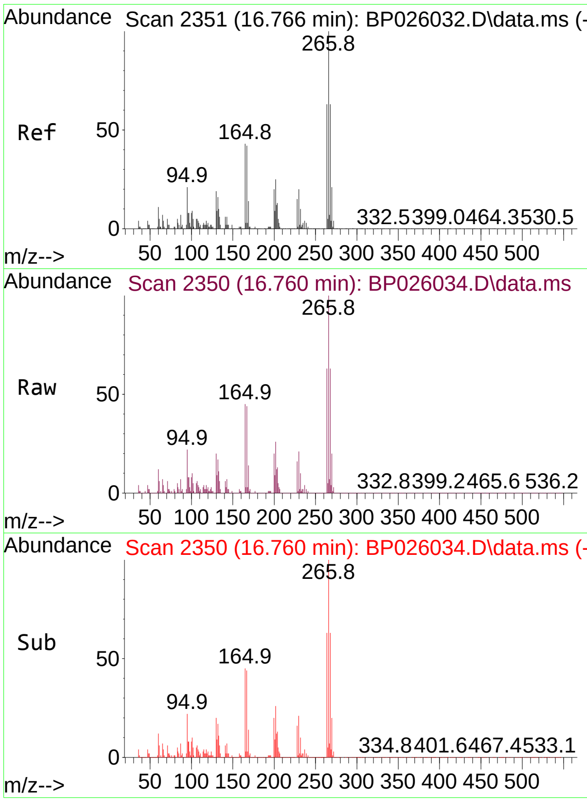
Tgt Ion:200 Resp: 1050788

Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.2	46.2
215	47.5	29.8	69.8



ICAL Form

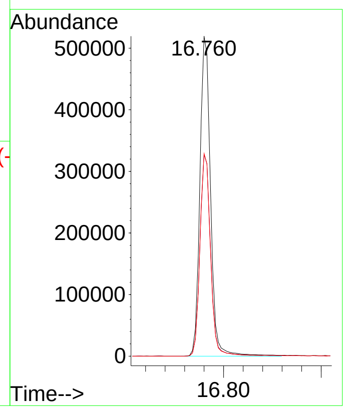
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

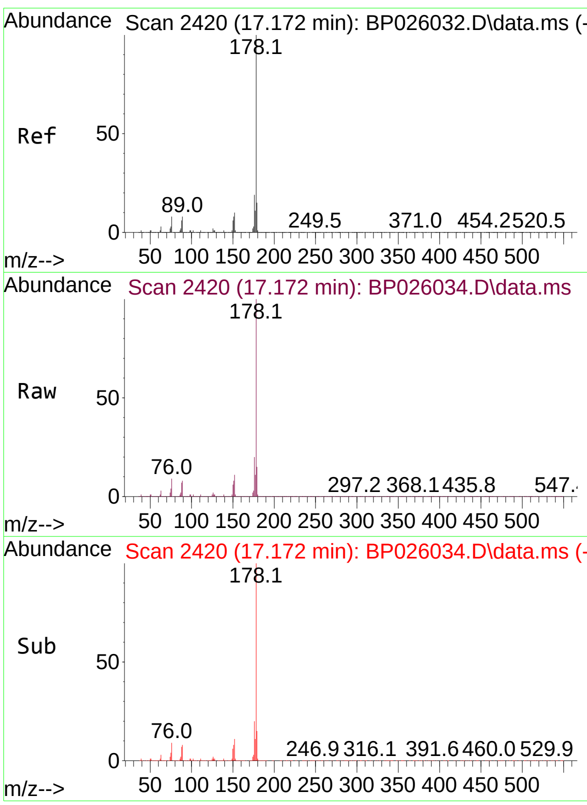


#70
Pentachlorophenol
Concen: 69.166 ng
RT: 16.760 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:266 Resp: 783472

Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.6	76.0
264	63.3	50.2	75.4

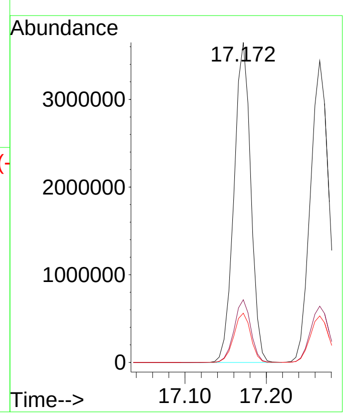




#71
Phenanthrene
Concen: 61.576 ng
RT: 17.172 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

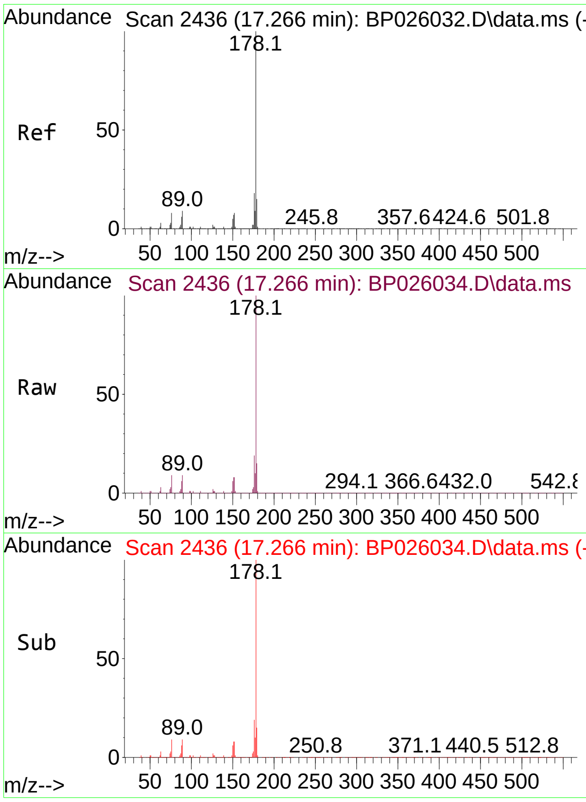
Tgt Ion:178 Resp: 5263383

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.4	12.3	18.5



ICAL Form

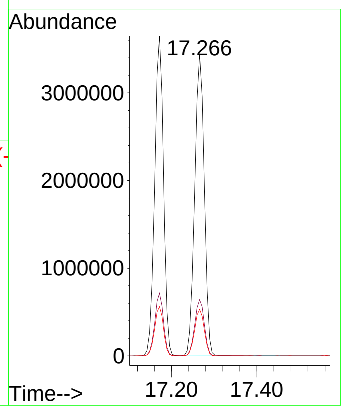
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

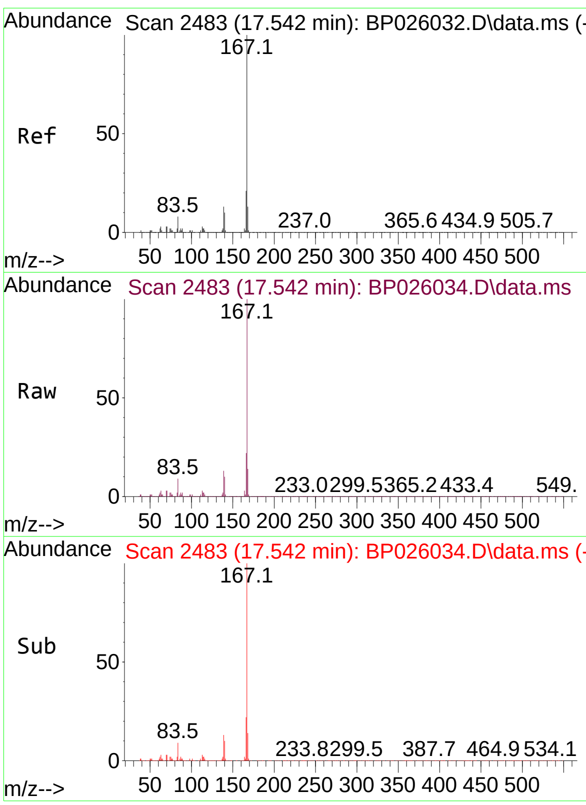


#72
Anthracene
Concen: 63.447 ng
RT: 17.266 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:178 Resp: 5375909

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.4	12.2	18.4

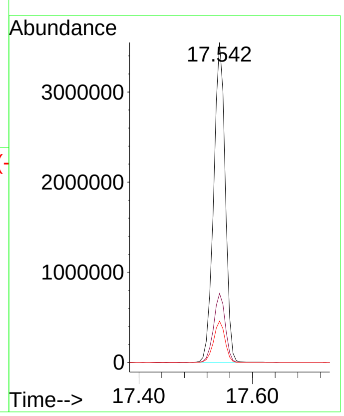




#73
Carbazole
Concen: 63.086 ng
RT: 17.542 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

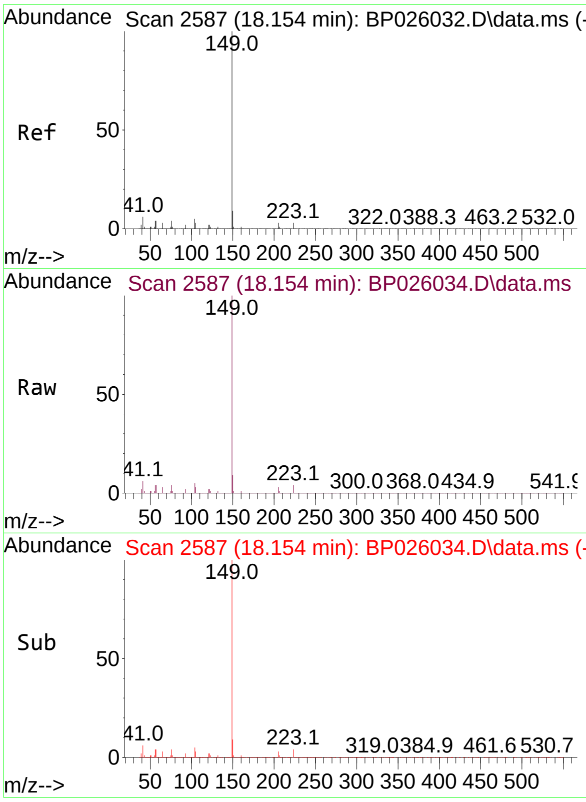
Tgt Ion:167 Resp: 5059908

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.9	10.2	15.2



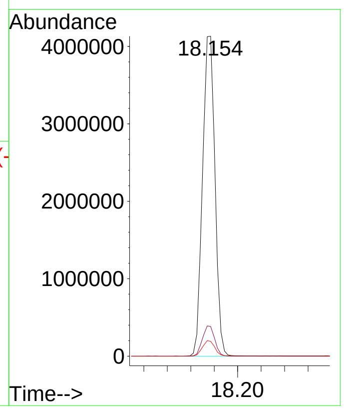
ICAL Form

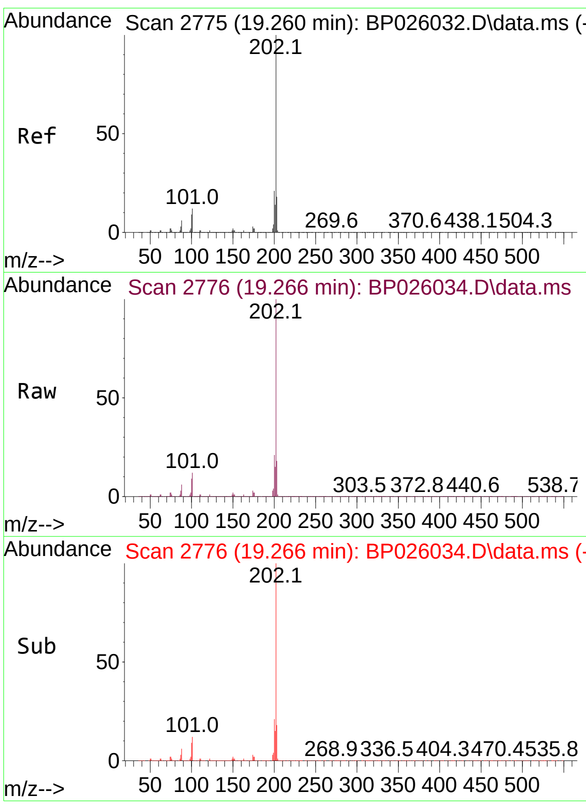
Instrument :
BNA_P
ClientSampleId :
SSTDICC060




```
#74
Di-n-butylphthalate
Concen:   67.663 ng
RT:  18.154 min  Scan# 2
Delta R.T.  -0.000 min
Lab File:   BP026034.D
Acq: 29 Oct 2025  13:32

Tgt Ion:149 Resp: 6072603
Ion  Ratio  Lower  Upper
149  100
150    9.3    7.3   10.9
104    4.7    3.8    5.6
```



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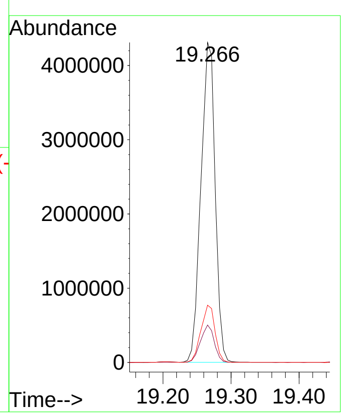
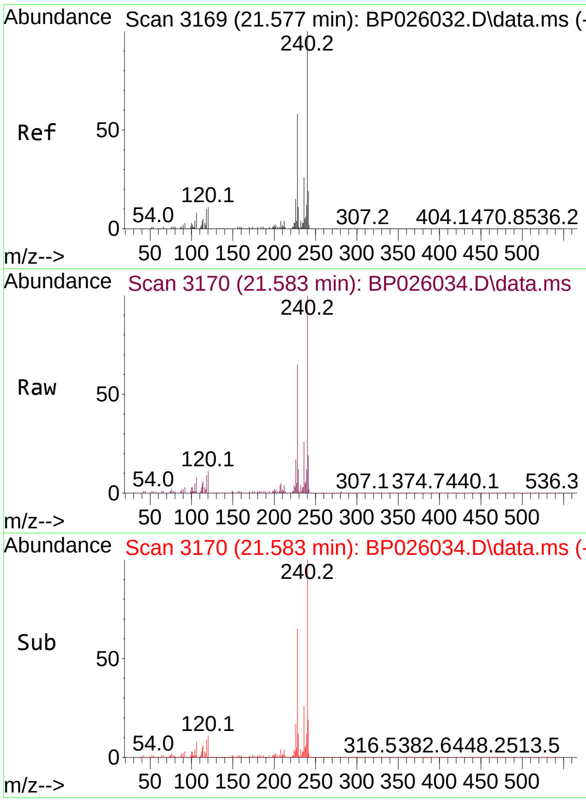
#75
Fluoranthene
Concen:   62.816 ng
RT:  19.266 min  Scan# 2776
Delta R.T.  0.006 min
Lab File:   BP026034.D
Acq: 29 Oct 2025  13:32

Tgt Ion:202 Resp: 6263426
Ion  Ratio  Lower  Upper
202  100
101   11.7    0.0   32.1
203   17.9    0.0   37.6
```



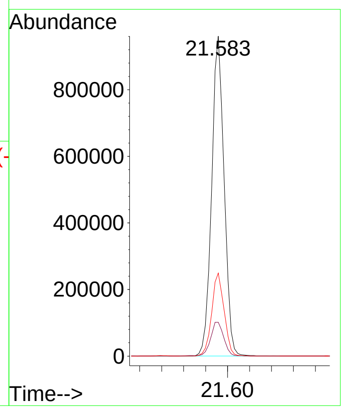
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

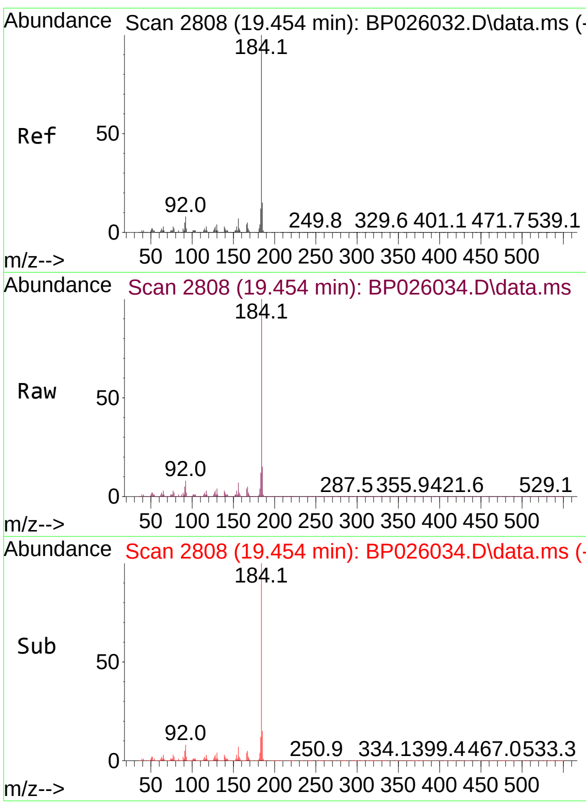


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:240 Resp: 1519622

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	25.9	20.6	31.0

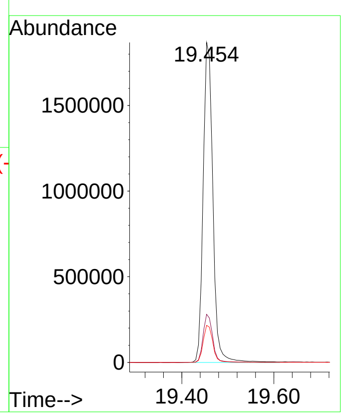




#77
Benzidine
Concen: 70.680 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

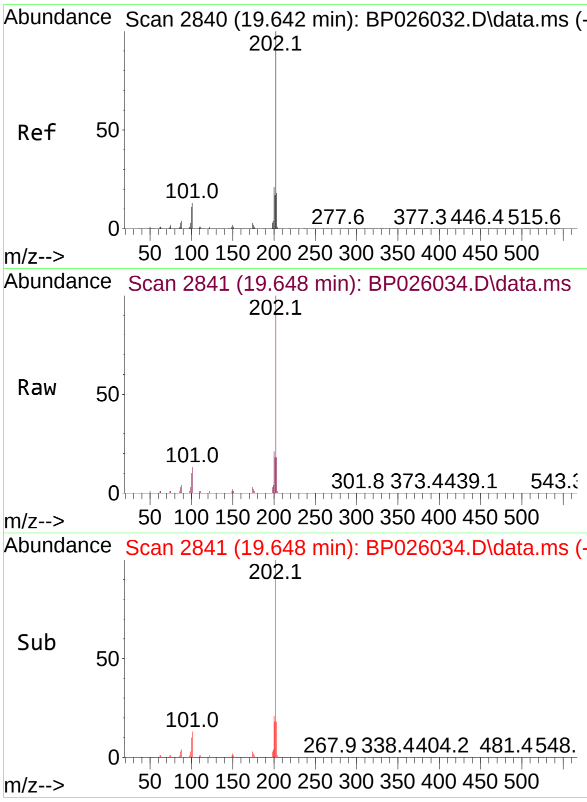
Tgt Ion:184 Resp: 2726283

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.9	17.9
183	11.6	9.2	13.8



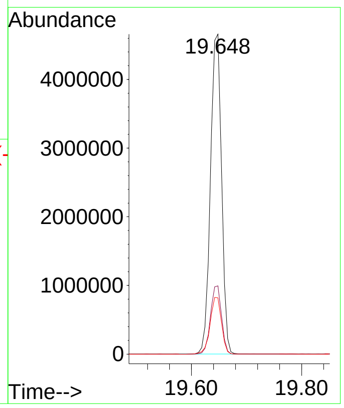
ICAL Form

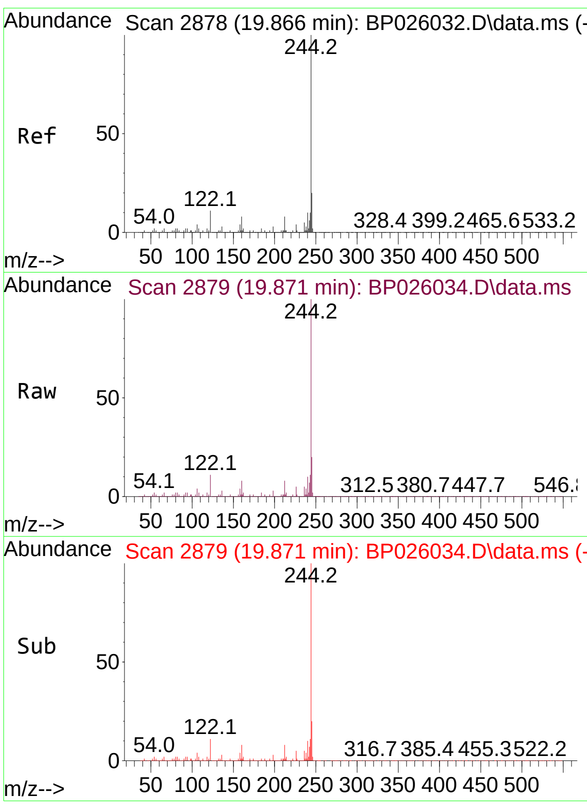
Instrument :
BNA_P
ClientSampleId :
SSTDICC060




```
#78
Pyrene
Concen:   63.454 ng
RT:  19.648 min  Scan# 28
Delta R.T.  0.012 min
Lab File:   BP026034.D
Acq: 29 Oct 2025  13:32

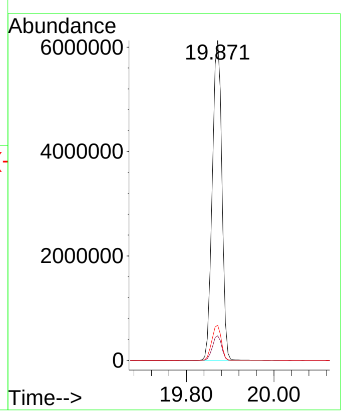
Tgt Ion:202 Resp: 6521771
Ion  Ratio  Lower  Upper
202  100
200   21.3   16.6   25.0
203   17.6   14.0   21.0
```



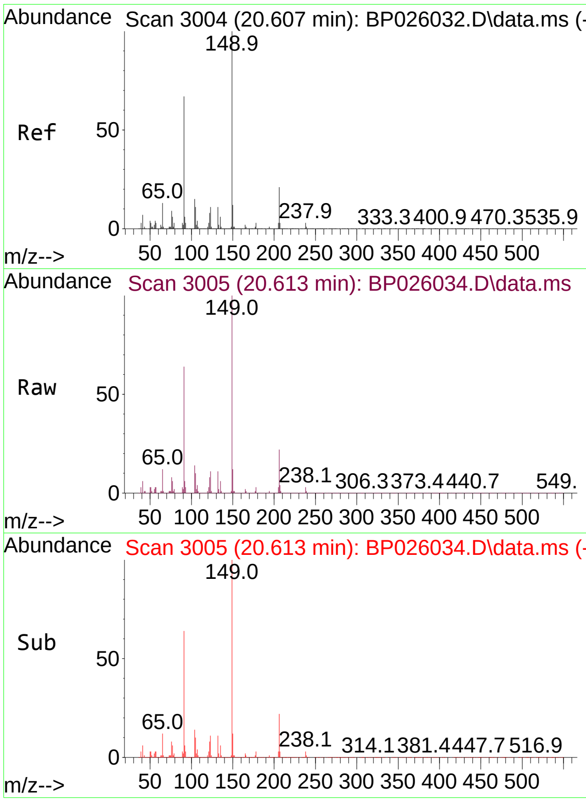



```
#79
Terphenyl-d14
Concen:  124.204 ng
RT:  19.871 min  Scan# 2879
Delta R.T.  0.006 min
Lab File:   BP026034.D
Acq: 29 Oct 2025  13:32

Tgt Ion:244 Resp: 9289969
Ion  Ratio  Lower  Upper
244  100
212    7.7    6.0    9.0
122   10.9    9.0   13.6
```

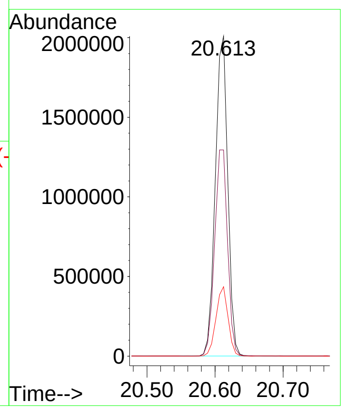


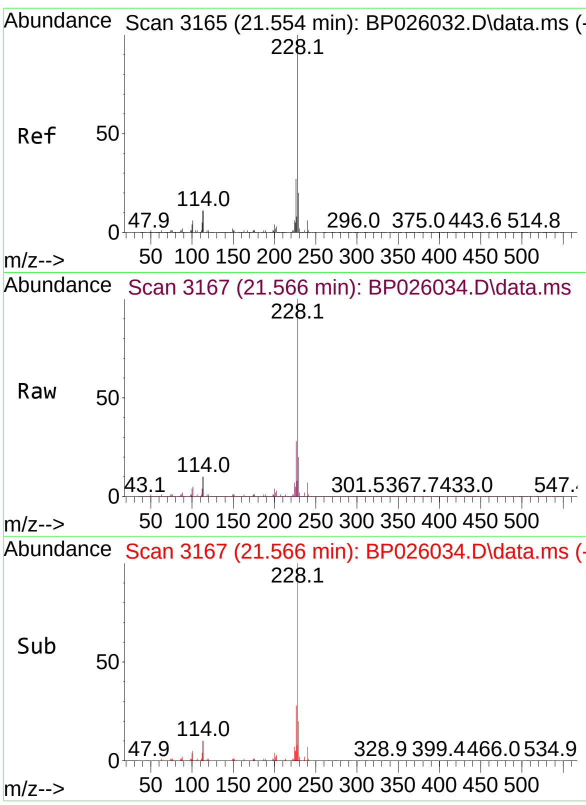
Instrument :
BNA_P
ClientSampleId :
SSTDICC060




```
#80
Butylbenzylphthalate
Concen:   65.127 ng
RT:  20.613 min  Scan# 30
Delta R.T.  0.006 min
Lab File:   BP026034.D
Acq: 29 Oct 2025  13:32

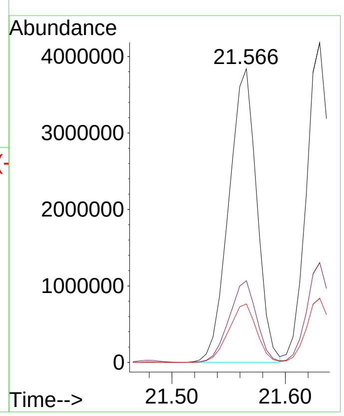
Tgt Ion:149 Resp: 2549176
Ion  Ratio  Lower  Upper
149  100
 91   64.4   53.5   80.3
206   21.7   16.6   25.0
```





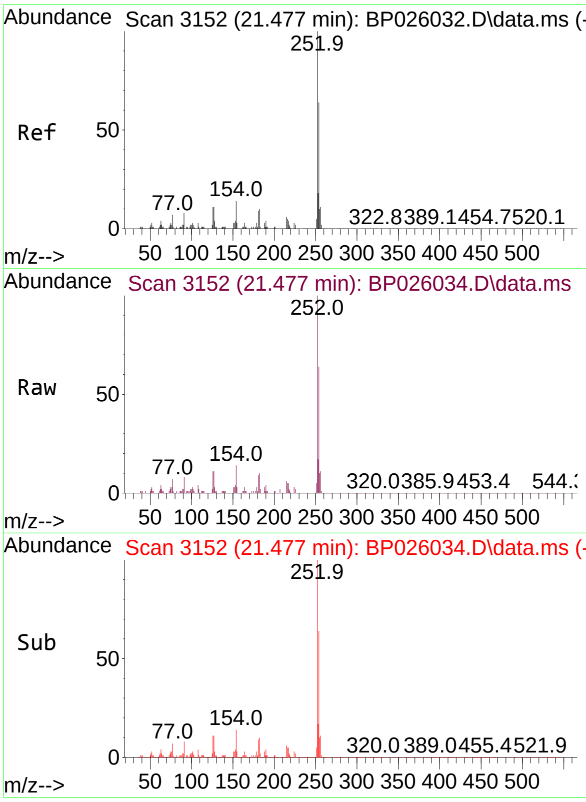

```
#81
Benzo(a)anthracene
Concen:   62.991 ng
RT:  21.566 min  Scan# 3167
Delta R.T.  0.018 min
Lab File:   BP026034.D
Acq: 29 Oct 2025  13:32

Tgt Ion:228 Resp: 6577757
Ion  Ratio  Lower  Upper
228  100
226   27.8   21.7   32.5
229   19.9   15.8   23.8
```



ICAL Form

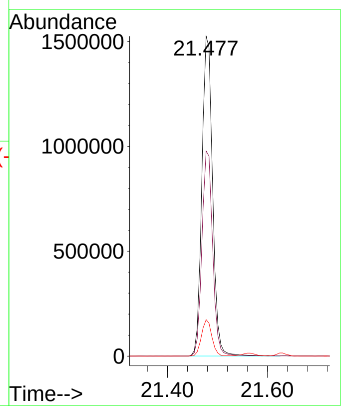
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

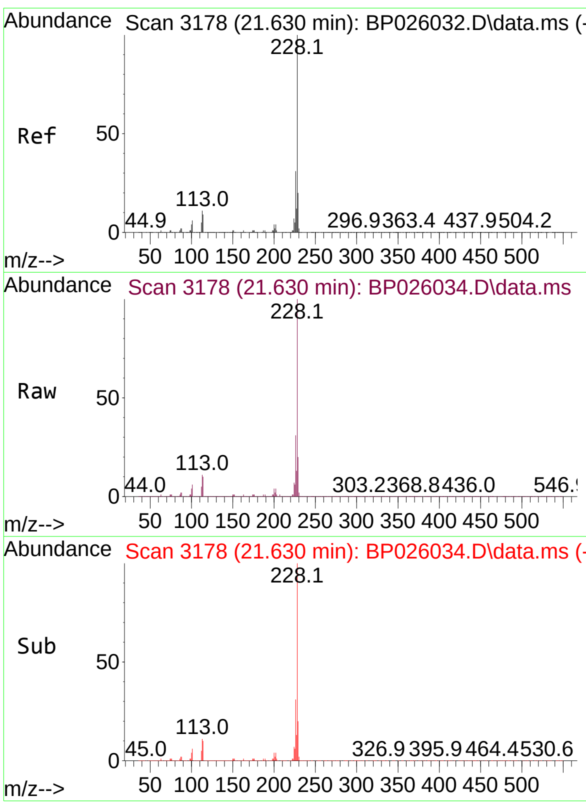


#82
3,3'-Dichlorobenzidine
Concen: 67.371 ng
RT: 21.477 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:252 Resp: 2266707

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	11.4	9.1	13.7

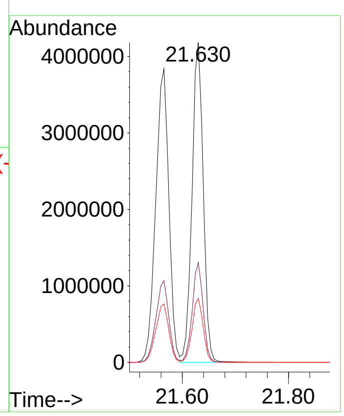




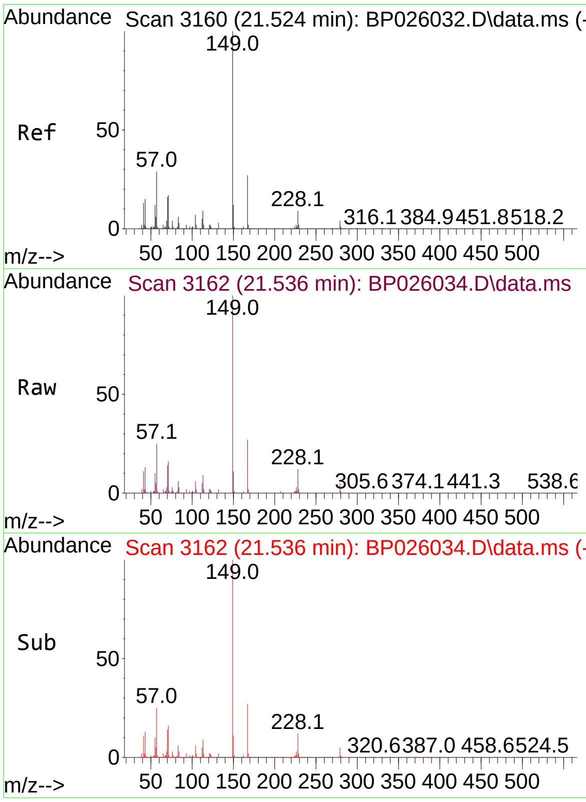
#83
Chrysene
Concen: 62.176 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:228 Resp: 6150315

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	20.0	16.0	24.0



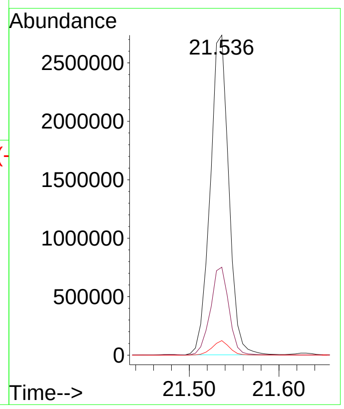
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

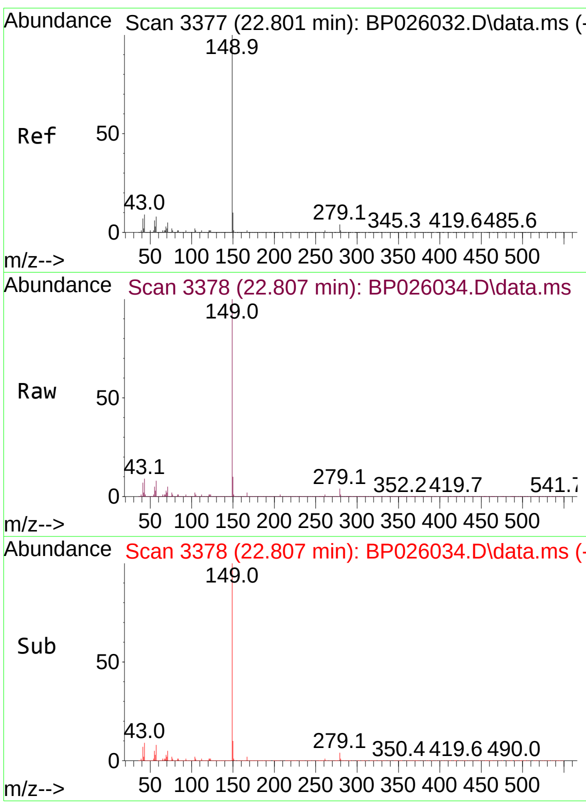


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.903 ng
RT: 21.536 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:149 Resp: 3949393

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.5	32.3
279	4.5	3.0	4.6

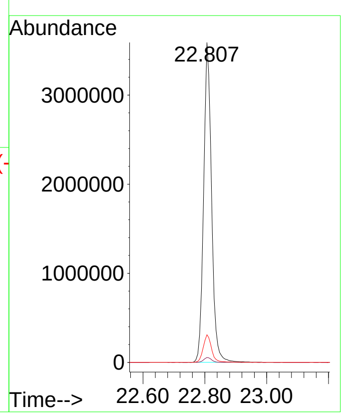




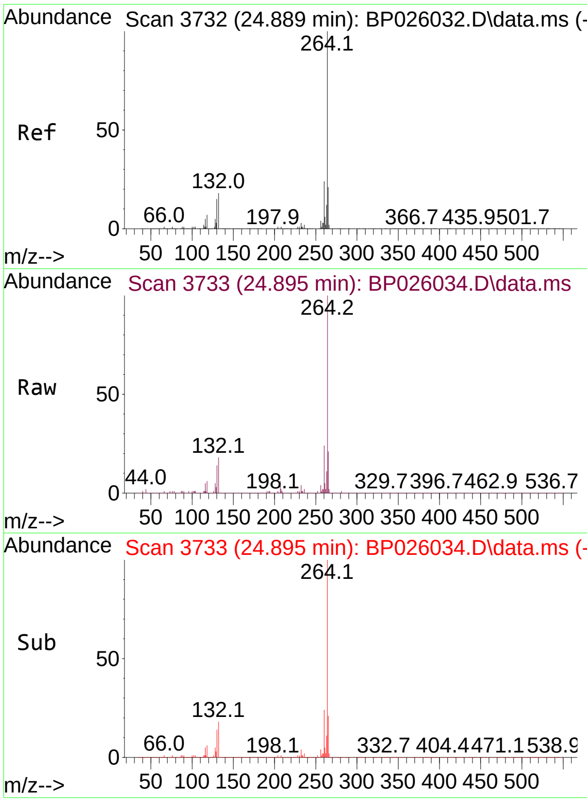
#85
Di-n-octyl phthalate
Concen: 70.922 ng
RT: 22.807 min Scan# 3378
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:149 Resp: 6415656

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.1	7.6	11.4



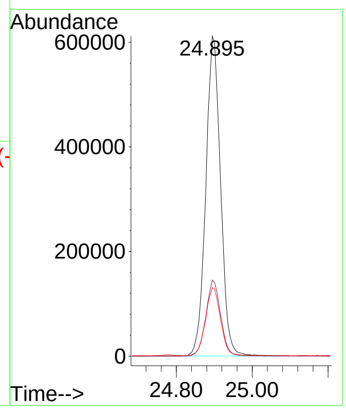
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

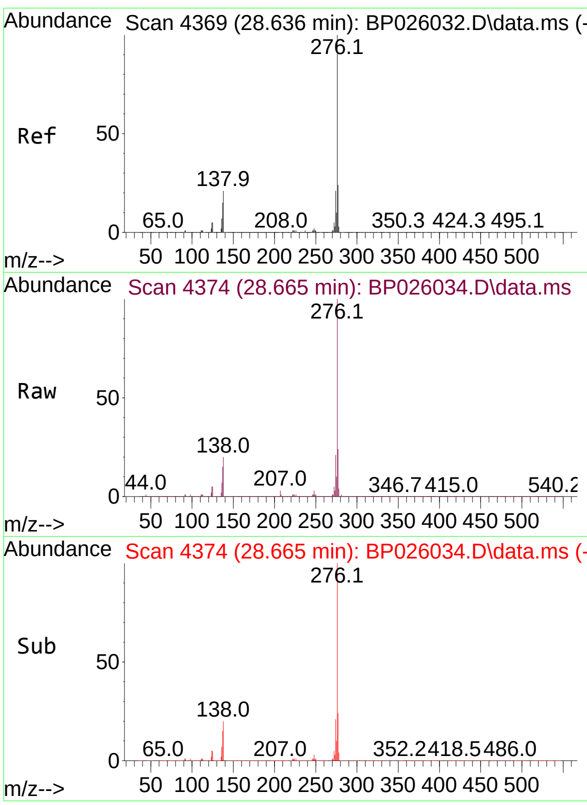


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.895 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:264 Resp: 1658930

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.4	17.2	25.8

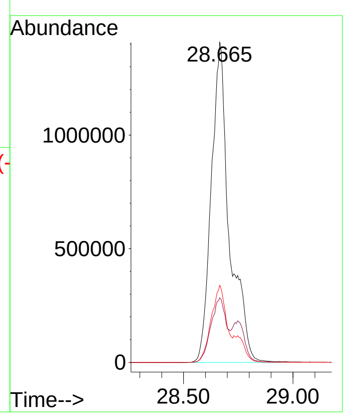




#87
Indeno(1,2,3-cd)pyrene
Concen: 66.237 ng
RT: 28.665 min Scan# 4374
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

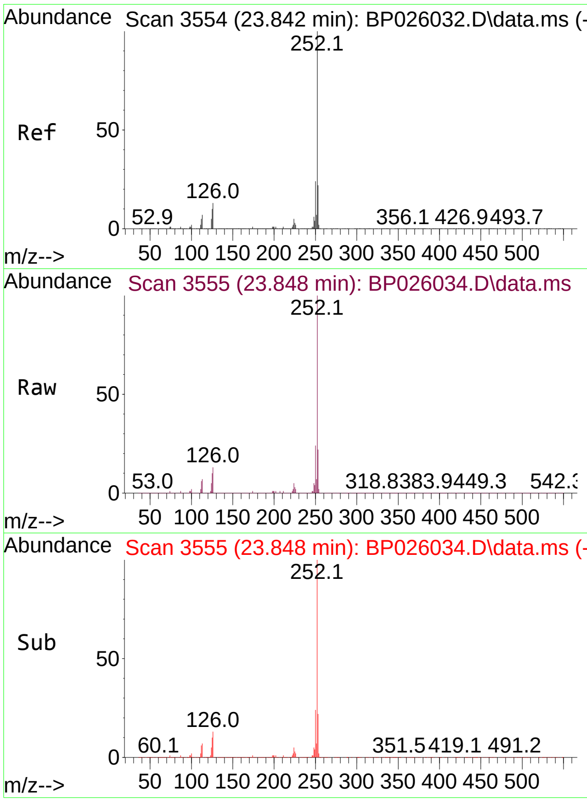
Tgt Ion:276 Resp: 8109098

Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.2	19.8
277	20.2	16.3	24.5



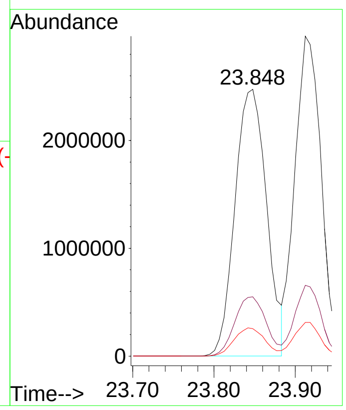
ICAL Form

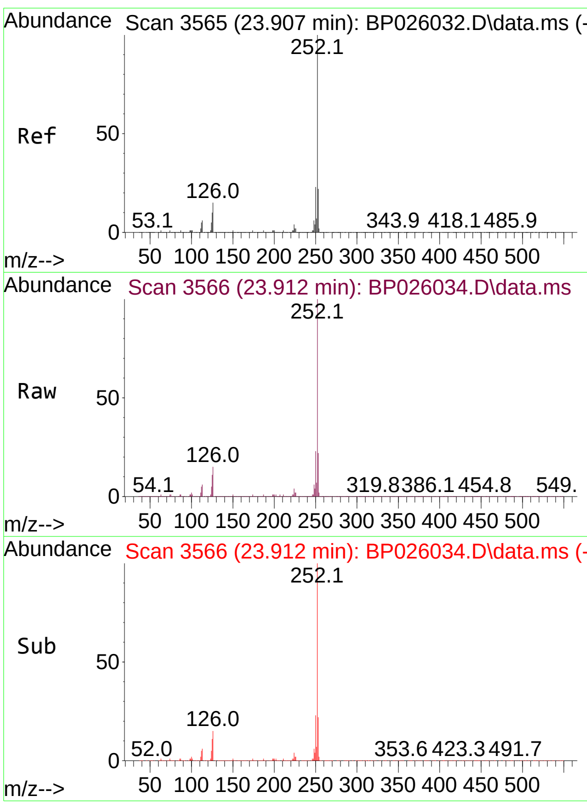
Instrument :
BNA_P
ClientSampleId :
SSTDICC060




```
#88
Benzo(b)fluoranthene
Concen:   65.011 ng
RT:  23.848 min  Scan# 35
Delta R.T.  0.000 min
Lab File:   BP026034.D
Acq: 29 Oct 2025  13:32

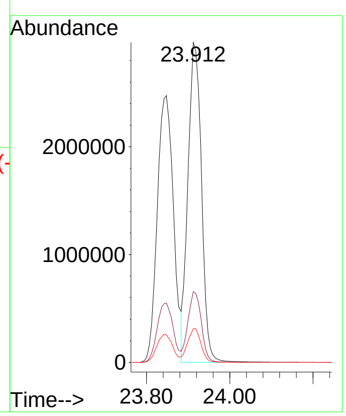
Tgt Ion:252 Resp: 6695122
Ion  Ratio  Lower  Upper
252  100
253   22.2   17.6   26.4
125   10.3    8.1   12.1
```



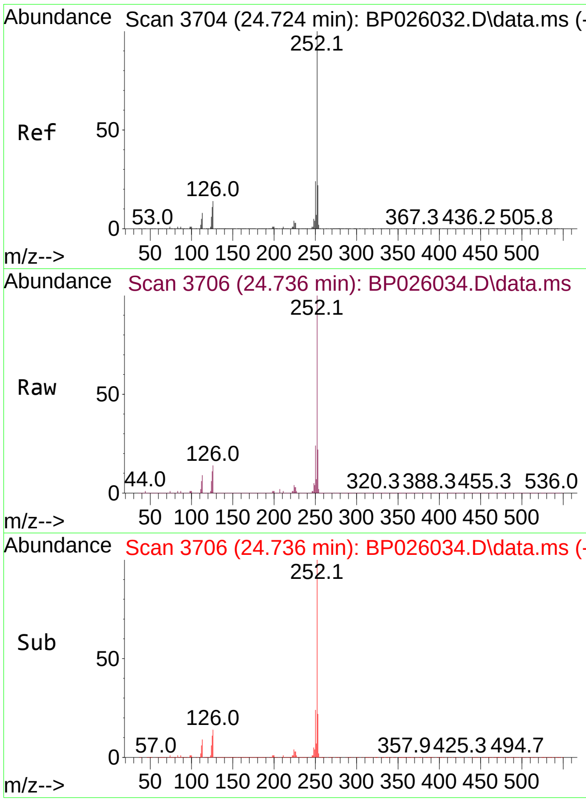



```
#89
Benzo(k)fluoranthene
Concen:   63.737 ng
RT:  23.912 min  Scan# 3566
Delta R.T.  -0.012 min
Lab File:   BP026034.D
Acq: 29 Oct 2025  13:32

Tgt Ion:252 Resp: 6702900
Ion  Ratio  Lower  Upper
252  100
253   22.1   17.5   26.3
125   10.5    8.1   12.1
```



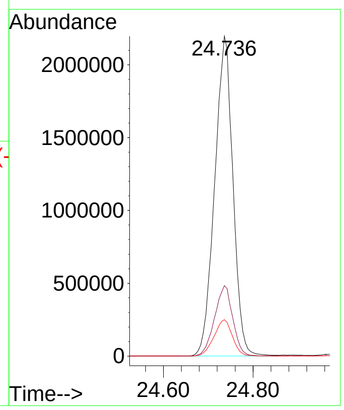
Instrument : BNA_P
ClientSampleId : SSTDICC060

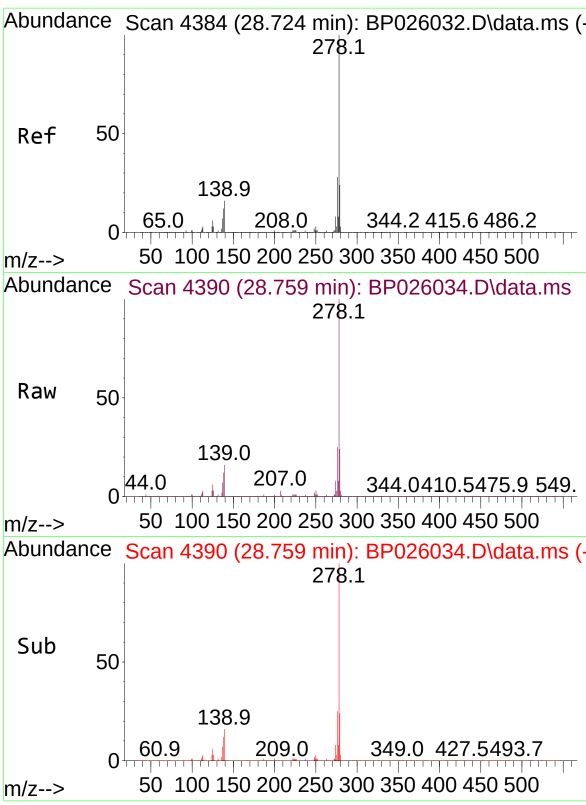


#90
Benzo(a)pyrene
Concen: 65.888 ng
RT: 24.736 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:252 Resp: 6233786

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	11.4	9.1	13.7

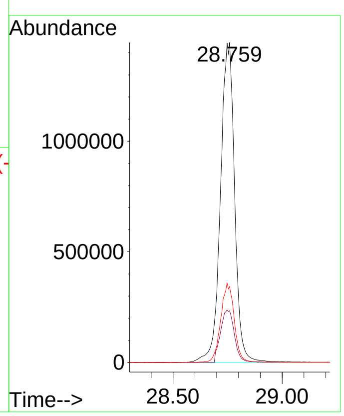


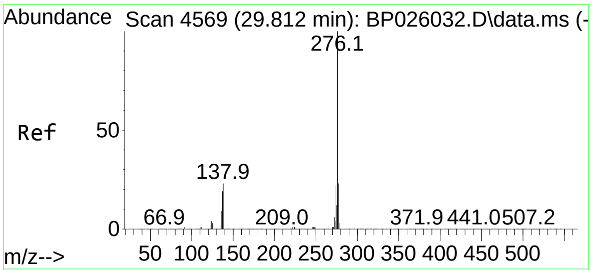


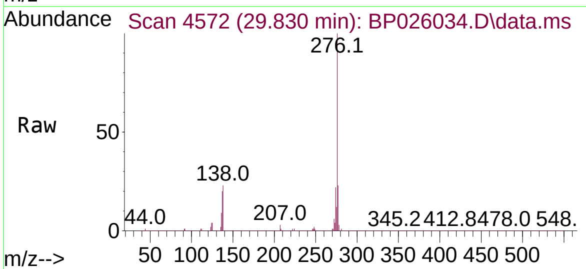
#91
Dibenzo(a,h)anthracene
Concen: 65.929 ng
RT: 28.759 min Scan# 4390
Delta R.T. 0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

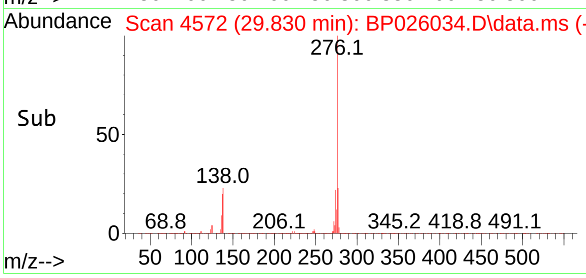
Tgt Ion:278 Resp: 6571045

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.0	19.6
279	23.6	18.9	28.3







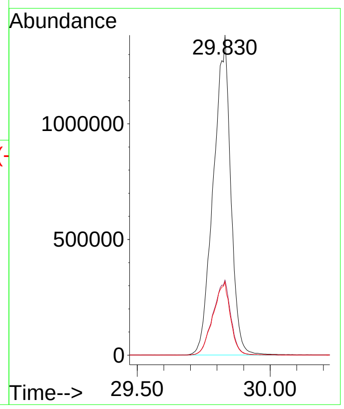


#92
Benzo(g,h,i)perylene
Concen: 65.331 ng
RT: 29.830 min Scan# 45
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 6265775

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.5	27.7
138	22.8	18.1	27.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026035.D
Acq On : 29 Oct 2025 14:13
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.690	152	285372	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1176810	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	727864	20.000	ng	0.00
64) Phenanthrene-d10	17.124	188	1454350	20.000	ng	0.00
76) Chrysene-d12	21.565	240	1518010	20.000	ng	0.00
86) Perylene-d12	24.883	264	1693006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2853584	165.001	ng	0.00
7) Phenol-d6	6.854	99	3663018	166.407	ng	0.00
23) Nitrobenzene-d5	8.825	82	3225718	170.878	ng	0.00
42) 2,4,6-Tribromophenol	15.830	330	1360572	172.904	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	7610514	150.244	ng	0.00
79) Terphenyl-d14	19.865	244	11030199	147.627	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	581796	79.799	ng	98
3) Pyridine	3.619	79	1683455	81.225	ng	99
4) n-Nitrosodimethylamine	3.537	42	667192	80.319	ng	95
6) Aniline	7.019	93	2386368	81.230	ng	99
8) 2-Chlorophenol	7.254	128	1627396	84.977	ng	98
9) Benzaldehyde	6.831	77	848919	74.188	ng	99
10) Phenol	6.884	94	2009800	82.242	ng	99
11) bis(2-Chloroethyl)ether	7.119	93	1555565	80.659	ng	99
12) 1,3-Dichlorobenzene	7.578	146	1739151	79.076	ng	99
13) 1,4-Dichlorobenzene	7.725	146	1760668	79.178	ng	100
14) 1,2-Dichlorobenzene	8.031	146	1691085	79.697	ng	100
15) Benzyl Alcohol	7.913	79	1329833	83.801	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.201	45	2262252	77.614	ng	99
17) 2-Methylphenol	8.113	107	1342933	83.922	ng	99
18) Hexachloroethane	8.760	117	623268	81.910	ng	99
19) n-Nitroso-di-n-propyla...	8.490	70	1125887	82.397	ng	97
20) 3+4-Methylphenols	8.443	107	1820304	81.769	ng	99
22) Acetophenone	8.495	105	2326587	78.173	ng	99
24) Nitrobenzene	8.866	77	1665956	83.585	ng	99
25) Isophorone	9.390	82	3260235	80.688	ng	100
27) 2,4-Dimethylphenol	9.631	122	1434677	84.436	ng	99
28) bis(2-Chloroethoxy)met...	9.866	93	2010418	78.950	ng	99
29) 2,4-Dichlorophenol	10.095	162	1524906	84.998	ng	99
30) 1,2,4-Trichlorobenzene	10.319	180	1545459	79.255	ng	99
31) Naphthalene	10.501	128	5003853	77.974	ng	99
32) Benzoic acid	9.778	122	1000336	79.140	ng	97
33) 4-Chloroaniline	10.595	127	2008519	81.448	ng	99
34) Hexachlorobutadiene	10.795	225	976216	78.780	ng	99
35) Caprolactam	11.384	113	526808	83.619	ng	94
36) 4-Chloro-3-methylphenol	11.731	107	1587177	84.393	ng	99
37) 2-Methylnaphthalene	12.113	142	3532026	78.637	ng	99
38) 1-Methylnaphthalene	12.336	142	3416923	78.306	ng	99
40) 1,2,4,5-Tetrachloroben...	12.489	216	1802921	79.720	ng	100
41) Hexachlorocyclopentadiene	12.478	237	732085	88.474	ng	96
43) 2,4,6-Trichlorophenol	12.725	196	1201855	89.908	ng	100
44) 2,4,5-Trichlorophenol	12.795	196	1327296	87.017	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026035.D
Acq On : 29 Oct 2025 14:13
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.136	154	4347017	77.997	ng	100
47) 2-Chloronaphthalene	13.172	162	3434628	78.326	ng	100
48) 2-Nitroaniline	13.378	65	958497	84.358	ng	96
49) Acenaphthylene	14.036	152	5073069	79.376	ng	100
50) Dimethylphthalate	13.772	163	4187309	79.090	ng	100
51) 2,6-Dinitrotoluene	13.878	165	834638	83.478	ng	99
52) Acenaphthene	14.383	154	3469946	79.085	ng	99
53) 3-Nitroaniline	14.207	138	995927	81.547	ng	99
54) 2,4-Dinitrophenol	14.419	184	366262	79.098	ng	96
55) Dibenzofuran	14.725	168	5170871	78.003	ng	100
56) 4-Nitrophenol	14.519	139	875195	82.900	ng	100
57) 2,4-Dinitrotoluene	14.678	165	1218227	83.983	ng	98
58) Fluorene	15.383	166	3839303	73.925	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	1077698	89.860	ng	100
60) Diethylphthalate	15.166	149	4232388	79.517	ng	100
61) 4-Chlorophenyl-phenyle...	15.389	204	1914592	73.822	ng	99
62) 4-Nitroaniline	15.401	138	986852	87.229	ng	97
63) Azobenzene	15.689	77	3723361	77.187	ng	98
65) 4,6-Dinitro-2-methylph...	15.454	198	556384	78.914	ng	97
66) n-Nitrosodiphenylamine	15.601	169	3556221	78.206	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	1290917	80.020	ng	98
68) Hexachlorobenzene	16.419	284	1439069	78.359	ng	99
69) Atrazine	16.583	200	1256682	81.924	ng	98
70) Pentachlorophenol	16.766	266	990090	88.261	ng	99
71) Phenanthrene	17.172	178	6425576	75.907	ng	99
72) Anthracene	17.260	178	6487799	77.318	ng	99
73) Carbazole	17.536	167	6270446	78.943	ng	99
74) Di-n-butylphthalate	18.154	149	7283617	81.950	ng	99
75) Fluoranthene	19.260	202	7531112	76.268	ng	99
77) Benzidine	19.454	184	3400762	88.260	ng	99
78) Pyrene	19.636	202	7955581	77.487	ng	99
80) Butylbenzylphthalate	20.607	149	3160394	80.010	ng	99
81) Benzo(a)anthracene	21.548	228	8199298	78.602	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	2837103	84.414	ng	100
83) Chrysene	21.618	228	7696535	77.890	ng	99
84) Bis(2-ethylhexyl)phtha...	21.518	149	4903538	77.525	ng	99
85) Di-n-octyl phthalate	22.801	149	8284794	91.682	ng	99
87) Indeno(1,2,3-cd)pyrene	28.659	276	10532958m	84.304	ng	
88) Benzo(b)fluoranthene	23.848	252	8542978	81.284	ng	100
89) Benzo(k)fluoranthene	23.924	252	8579950	79.943	ng	99
90) Benzo(a)pyrene	24.742	252	8034864	83.215	ng	99
91) Dibenzo(a,h)anthracene	28.747	278	8497246	83.540	ng	99
92) Benzo(g,h,i)perylene	29.830	276	8153149	83.299	ng	99

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

Quantitation Report (QT Reviewed)

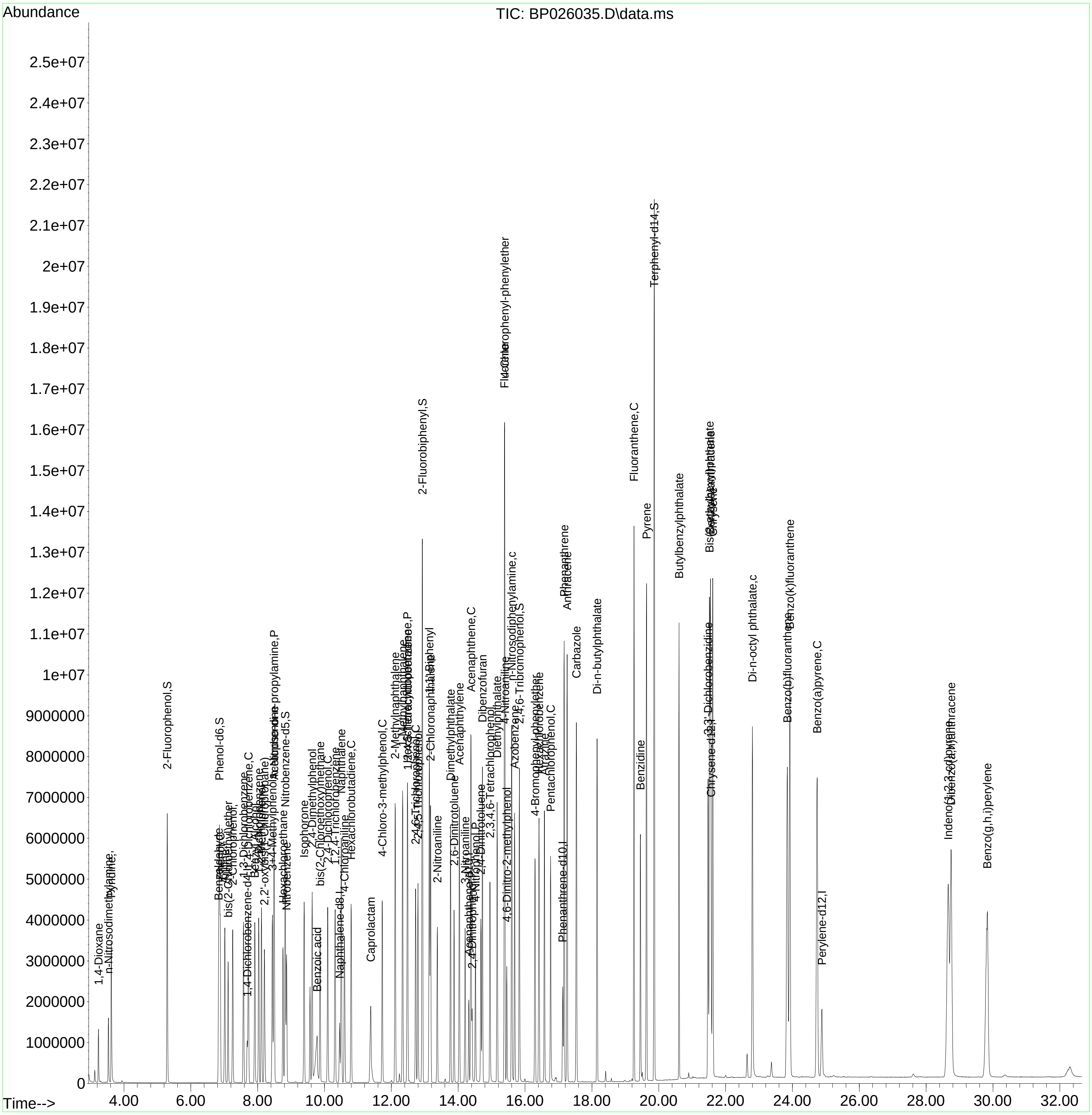
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026035.D
Acq On : 29 Oct 2025 14:13
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 29 18:08:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



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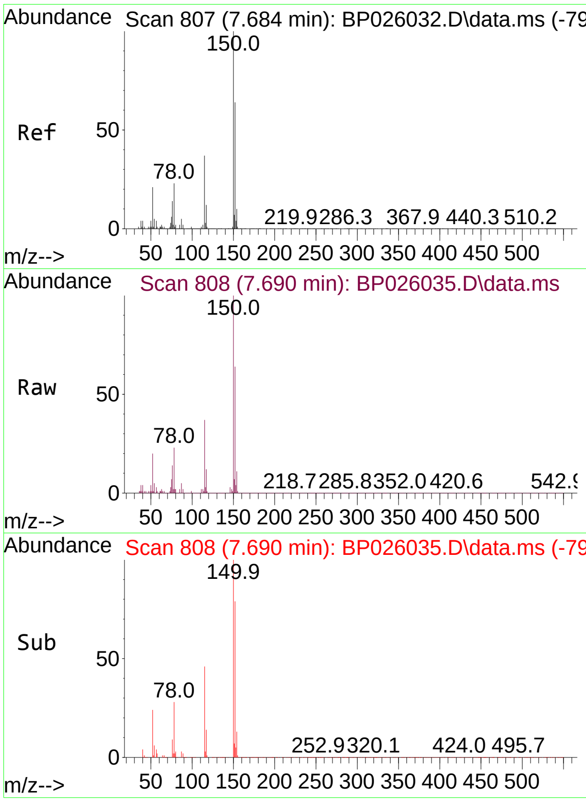


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.690 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

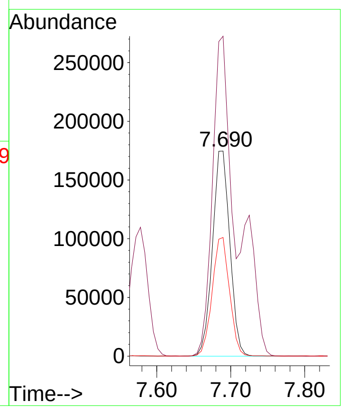
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

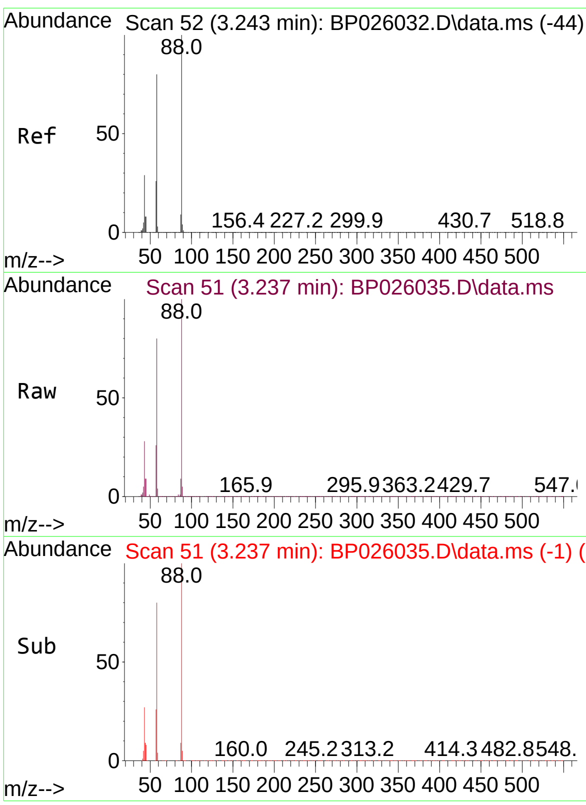
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

Tgt Ion:152 Resp: 28537

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.7	188.5
115	57.9	46.4	69.6

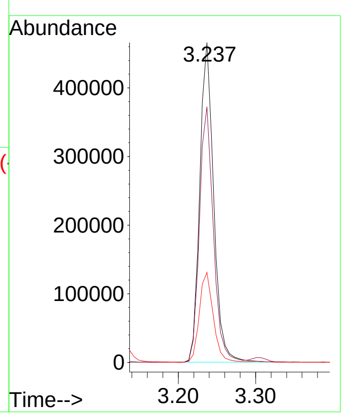


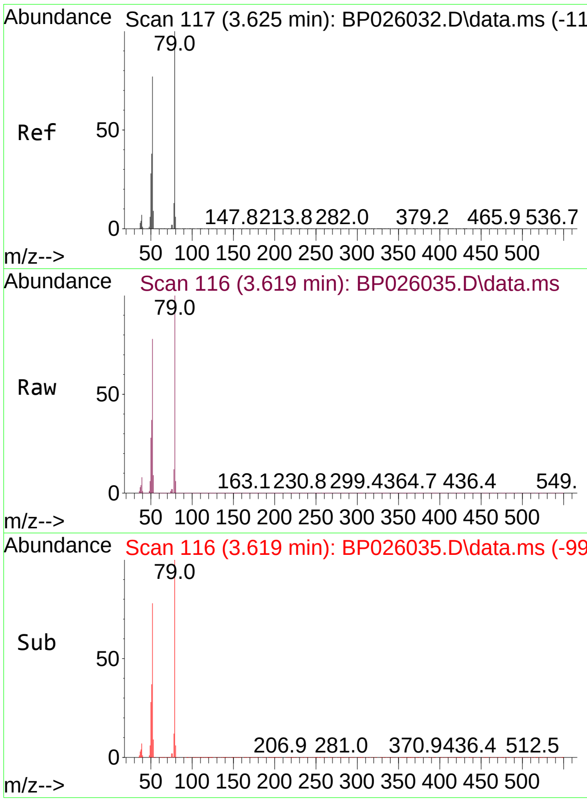


#2
1,4-Dioxane
Concen: 79.799 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion: 88 Resp: 581796

Ion	Ratio	Lower	Upper
88	100		
58	80.1	65.4	98.0
43	28.1	23.1	34.7





#3
Pyridine
Concen: 81.225 ng
RT: 3.619 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

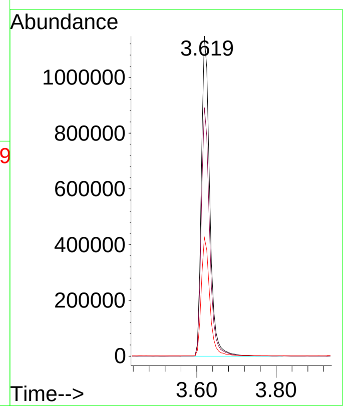
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

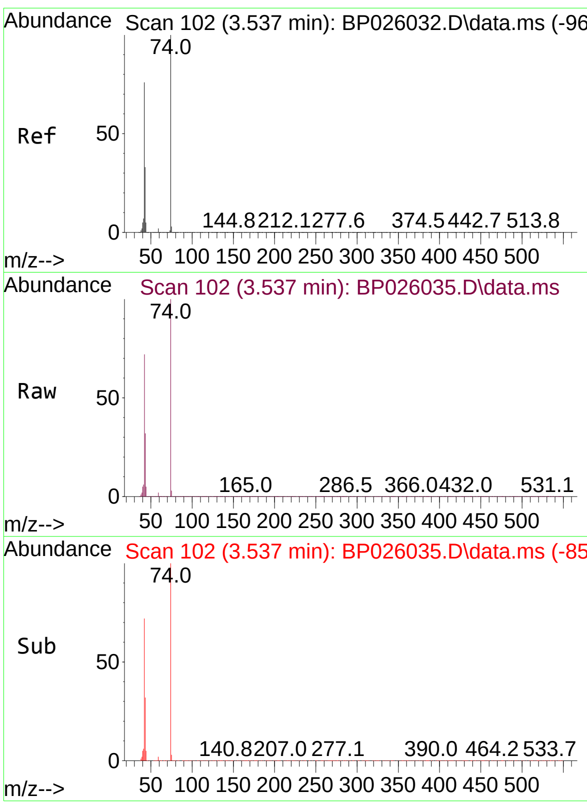
Tgt Ion: 79 Resp: 168345

Ion	Ratio	Lower	Upper
79	100		
52	77.6	62.0	93.0
51	37.0	30.6	46.0

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

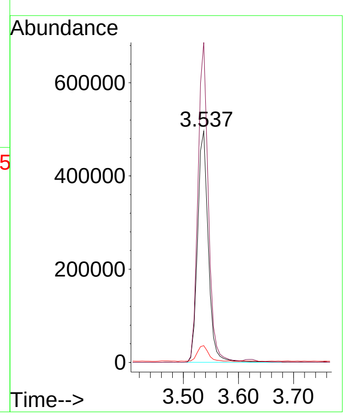


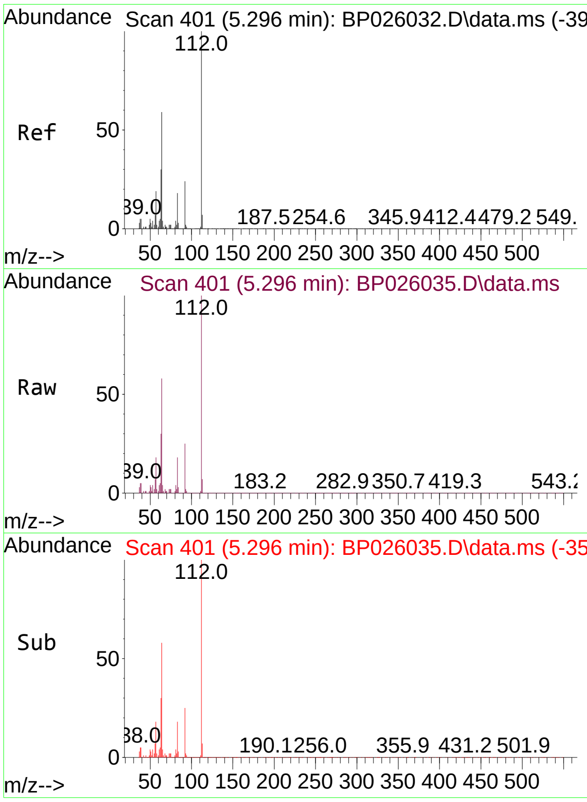


#4
n-Nitrosodimethylamine
Concen: 80.319 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion: 42 Resp: 667192

Ion	Ratio	Lower	Upper
42	100		
74	138.5	105.7	158.5
44	7.2	6.6	9.8

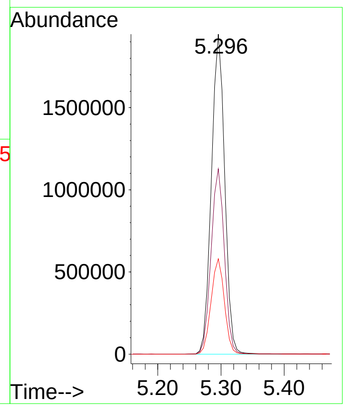




#5
2-Fluorophenol
Concen: 165.001 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:112 Resp: 2853584

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.4	71.2
63	29.8	24.2	36.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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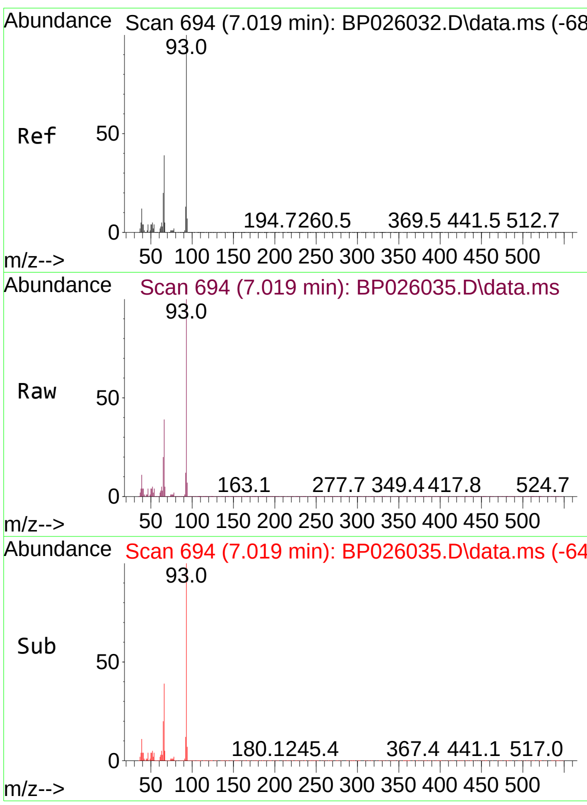
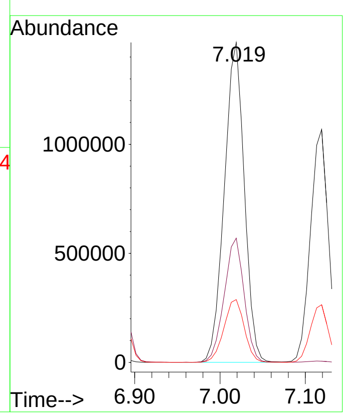


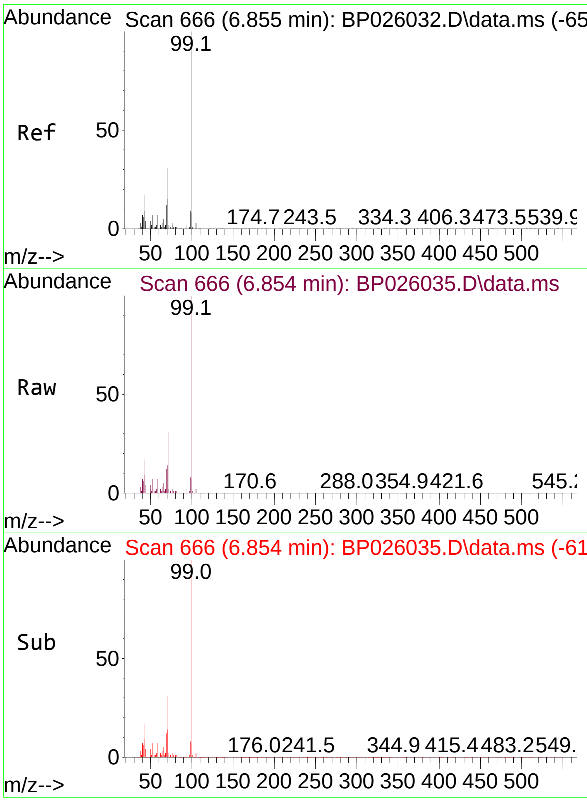
#6
Aniline
Concen: 81.230 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion: 93 Resp: 2386368

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.2	46.8
65	19.6	16.1	24.1



ICAL Form



#7
Phenol-d6
Concen: 166.407 ng
RT: 6.854 min Scan# 66
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

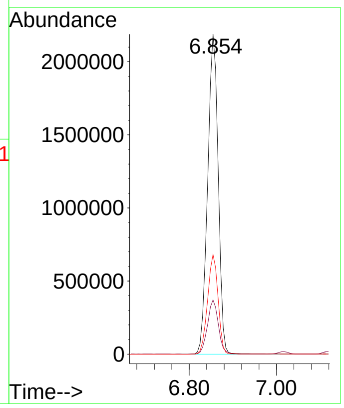
Tgt Ion: 99 Resp: 366301

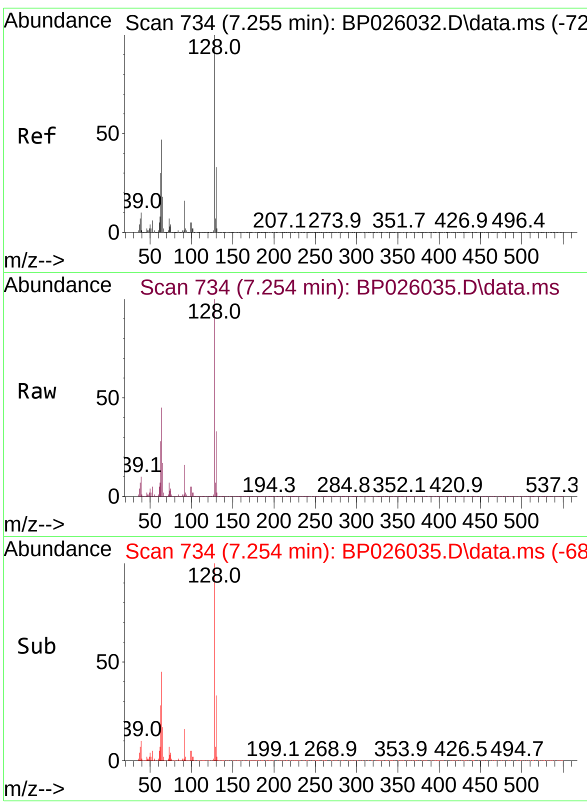
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.7	20.5
71	31.1	24.4	36.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

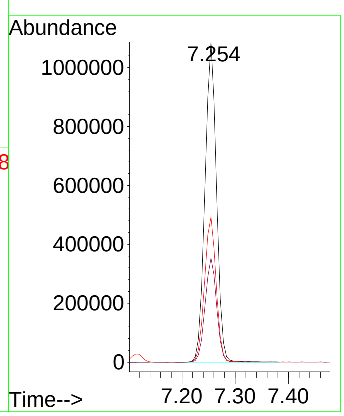




#8
2-Chlorophenol
Concen: 84.977 ng
RT: 7.254 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:128 Resp: 1627396

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.7	52.7
64	45.4	27.4	67.4



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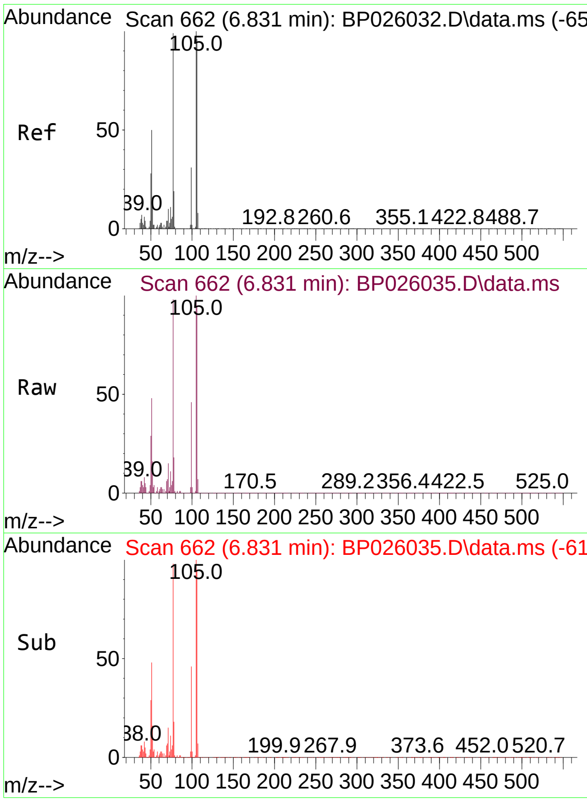


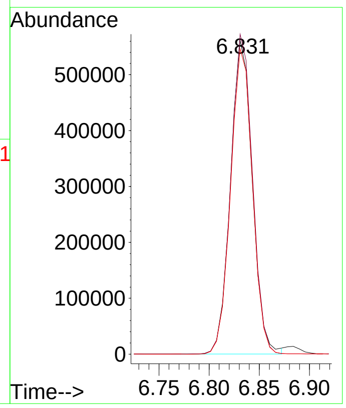
#9
Benzaldehyde
Concen: 74.188 ng
RT: 6.831 min Scan# 66
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

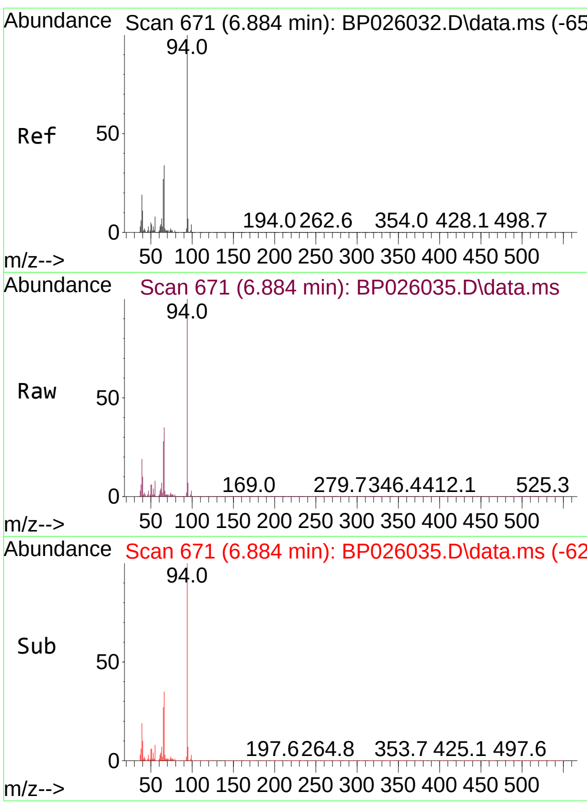
Tgt Ion: 77 Resp: 84891

Ion	Ratio	Lower	Upper
77	100		
105	102.0	80.7	120.7
106	97.3	76.5	116.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

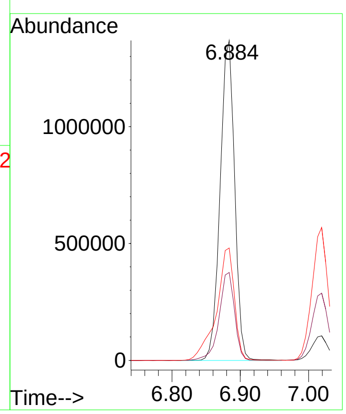




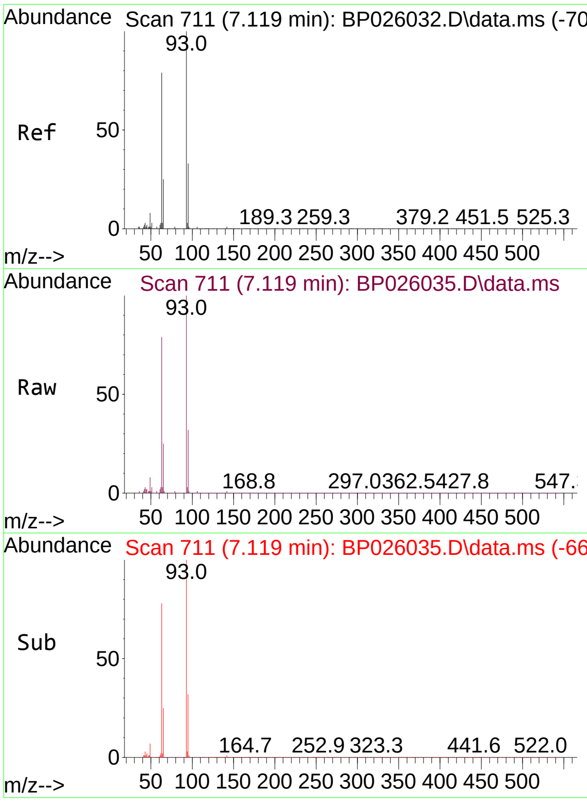
#10
Phenol
Concen: 82.242 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion: 94 Resp: 2009800

Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.1	47.1
66	35.1	14.4	54.4



ICAL Form



#11
bis(2-Chloroethyl)ether
Concen: 80.659 ng
RT: 7.119 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

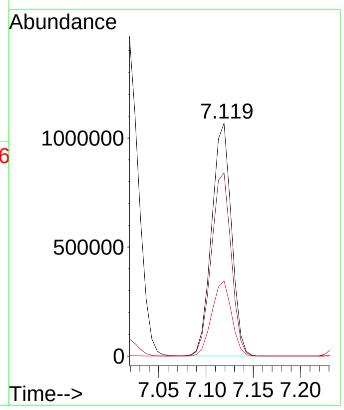
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

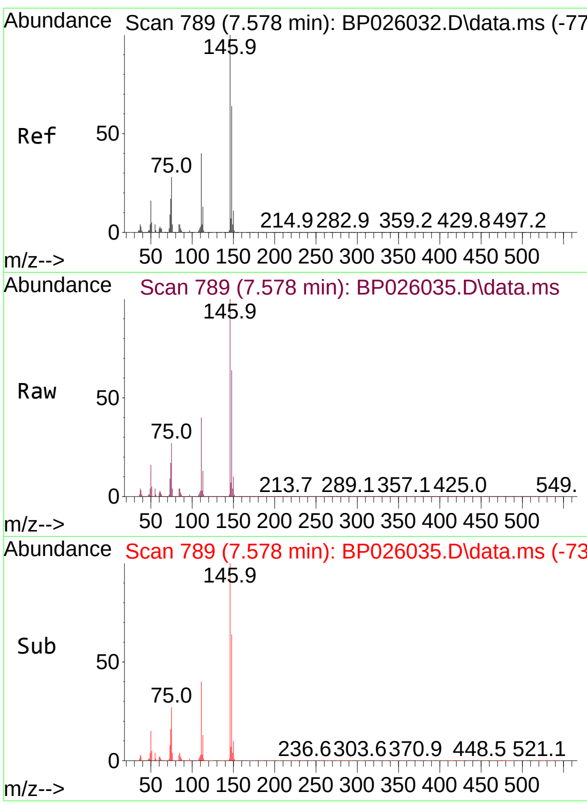
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

Tgt Ion: 93 Resp: 155556

Ion	Ratio	Lower	Upper
93	100		
63	78.7	59.1	99.1
95	32.3	12.6	52.6

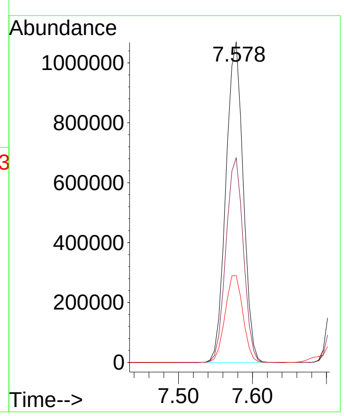


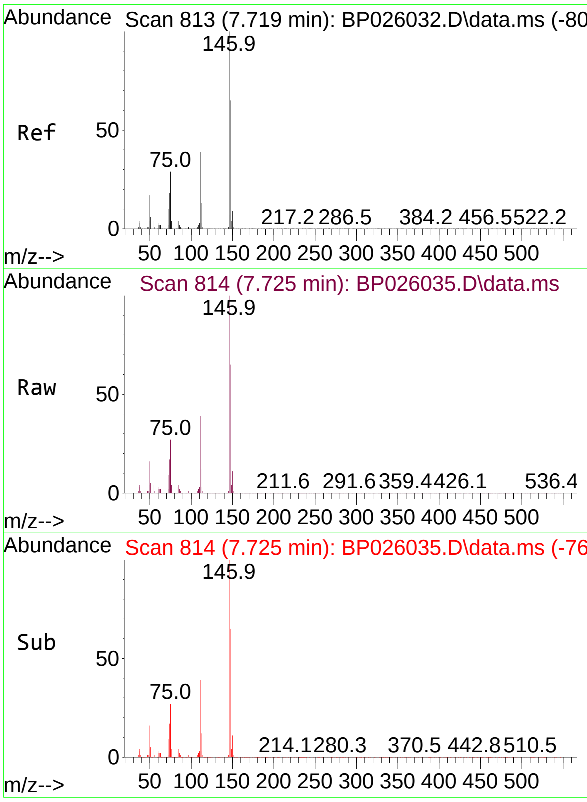


#12
1,3-Dichlorobenzene
Concen: 79.076 ng
RT: 7.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:146 Resp: 1739151

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
75	27.1	22.6	33.8





#13
1,4-Dichlorobenzene
Concen: 79.178 ng
RT: 7.725 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

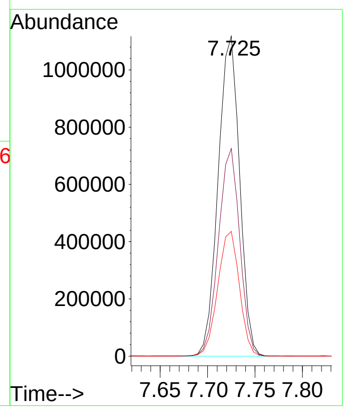
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

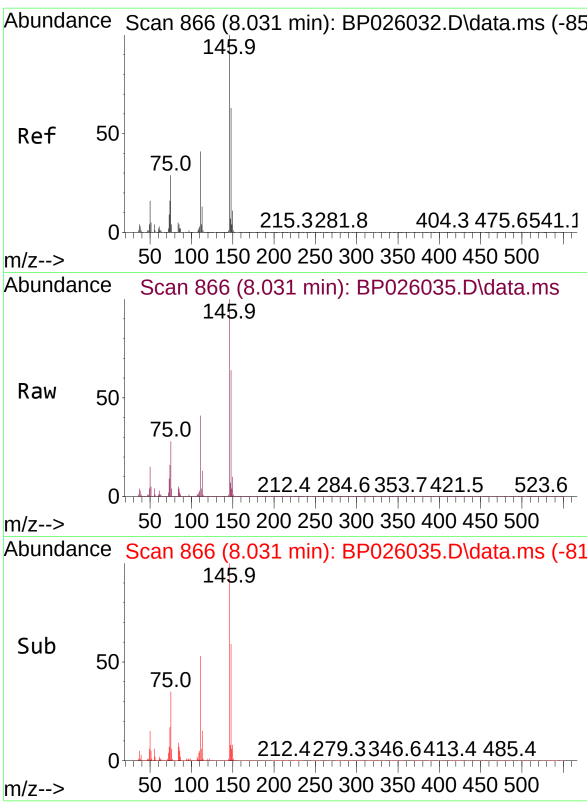
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

Tgt Ion:146 Resp: 1760668

Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	39.0	31.3	46.9

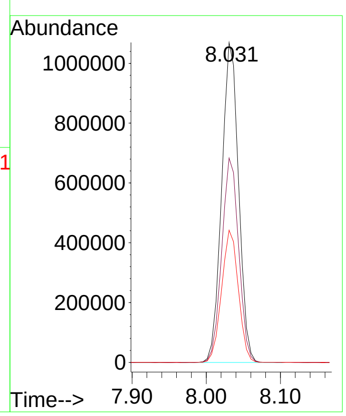


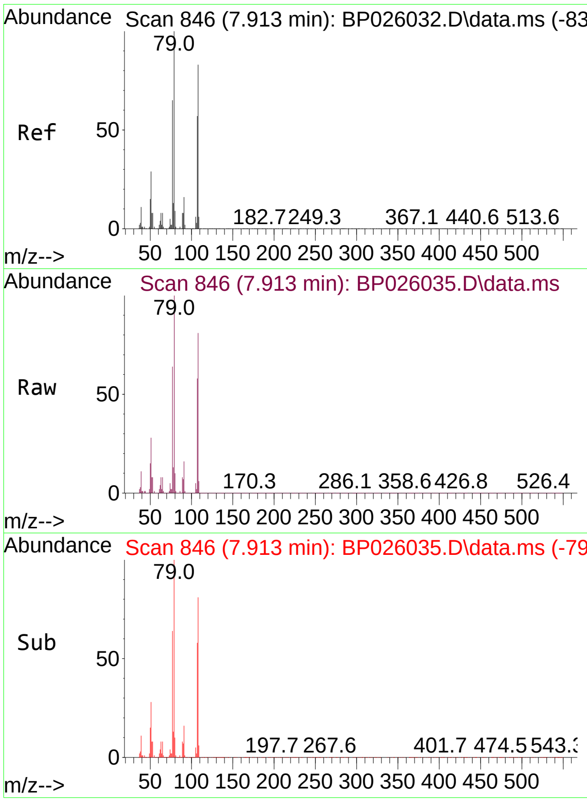


#14
1,2-Dichlorobenzene
Concen: 79.697 ng
RT: 8.031 min Scan# 866
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:146 Resp: 1691085

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	41.4	33.0	49.4





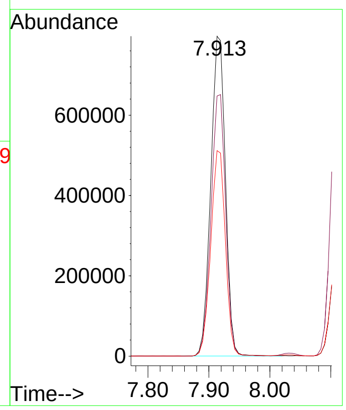
#15
Benzyl Alcohol
Concen: 83.801 ng
RT: 7.913 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

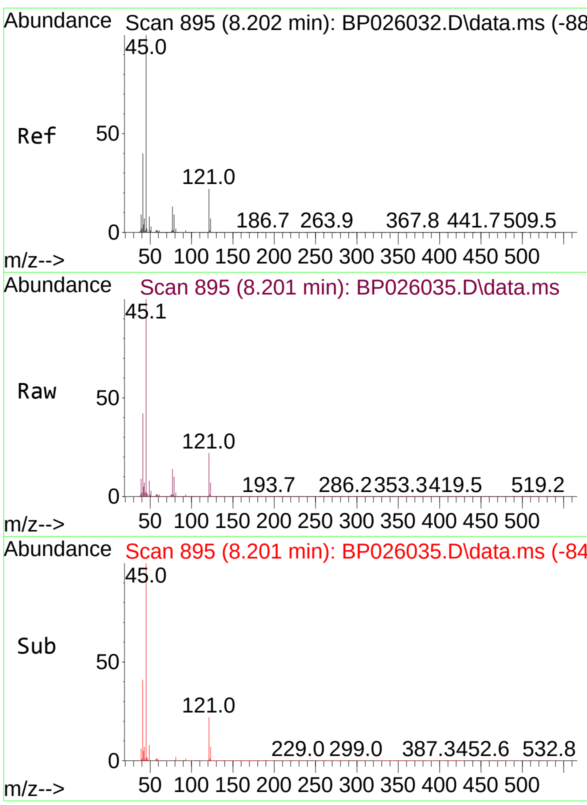
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 132983

Ion	Ratio	Lower	Upper
79	100		
108	81.3	66.0	99.0
77	64.2	52.3	78.5

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

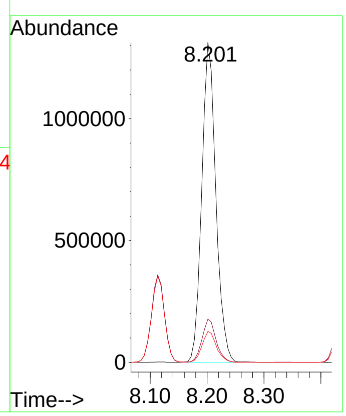




#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.614 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion: 45 Resp: 2262252

Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	33.2
79	9.7	0.0	29.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
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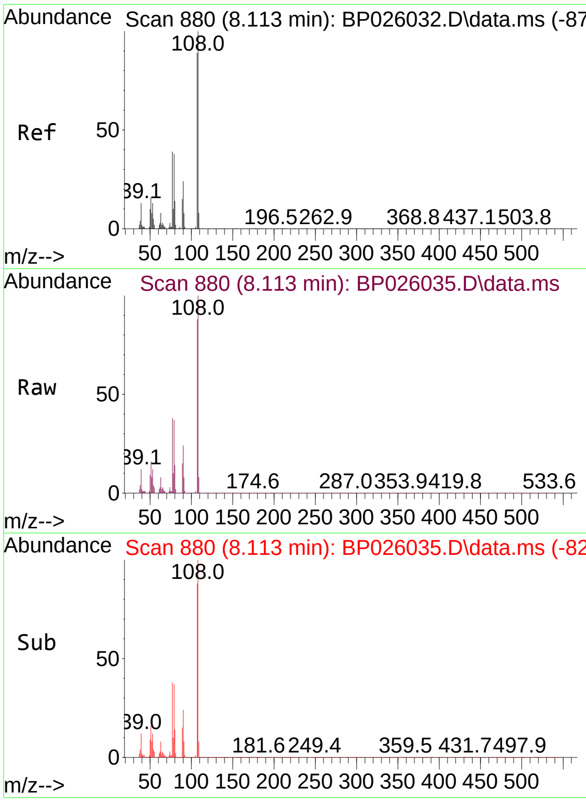
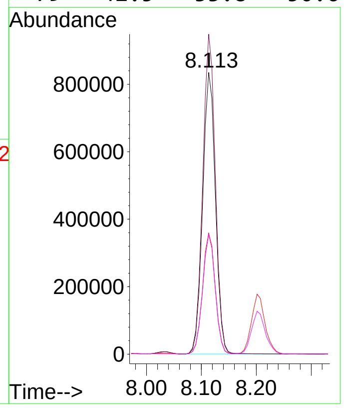
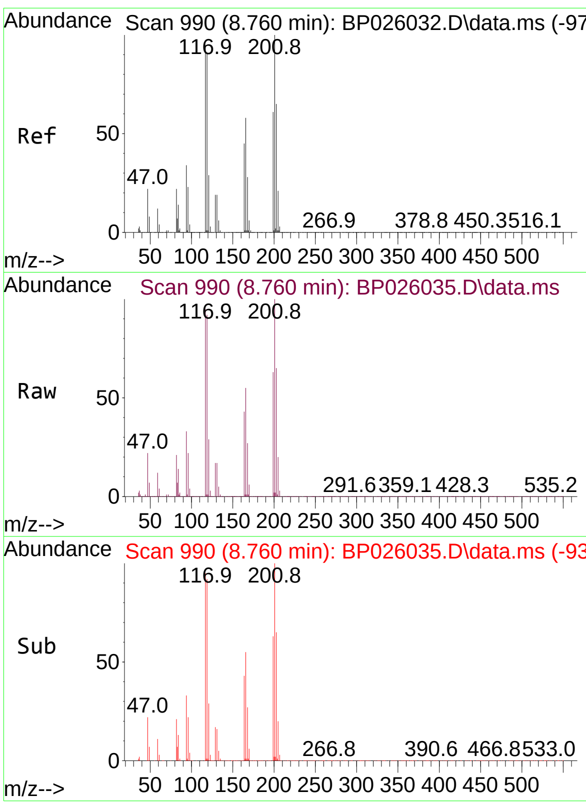


#17
2-Methylphenol
Concen: 83.922 ng
RT: 8.113 min Scan# 88
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:107 Resp: 134293

Ion	Ratio	Lower	Upper
107	100		
108	113.6	89.8	134.8
77	42.9	34.8	52.2
79	42.5	33.8	50.6

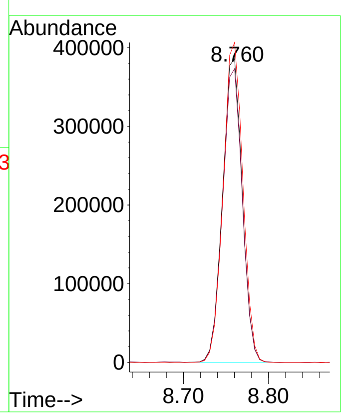


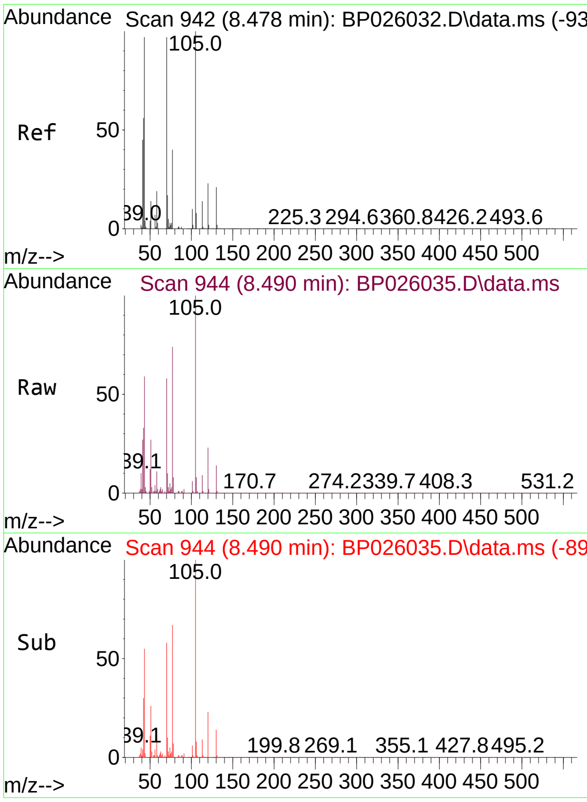


#18
Hexachloroethane
Concen: 81.910 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:117 Resp: 623268

Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.5	114.7
201	105.4	84.2	126.4





#19
n-Nitroso-di-n-propylamine
Concen: 82.397 ng
RT: 8.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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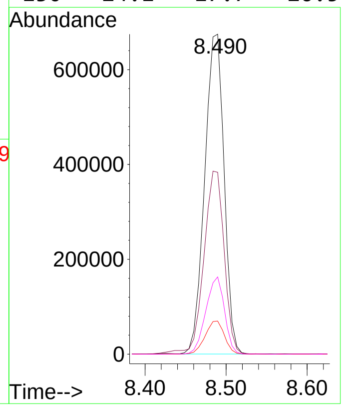
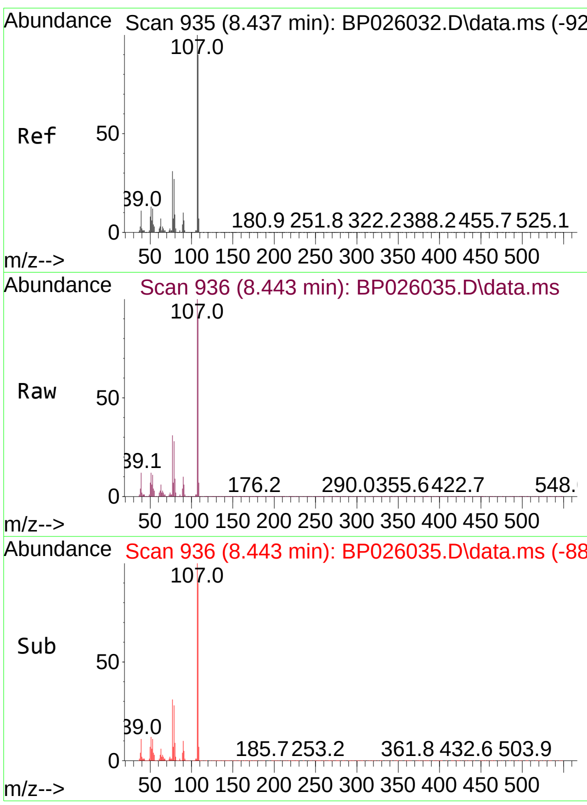
Supervised By :Jagrut Upadhyay 11/04/2025

Tgt Ion: 70 Resp: 112588

Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.2	70.8
101	10.3	8.2	12.2
130	24.1	17.7	26.5

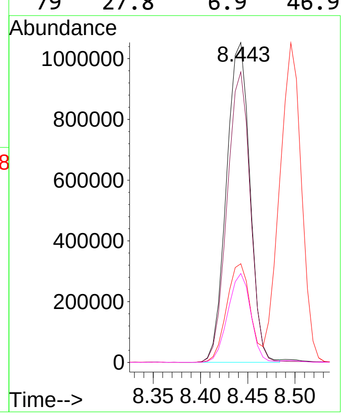




#20
3+4-Methylphenols
Concen: 81.769 ng
RT: 8.443 min Scan# 936
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:107 Resp: 1820304

Ion	Ratio	Lower	Upper
107	100		
108	90.8	70.1	110.1
77	30.8	10.7	50.7
79	27.8	6.9	46.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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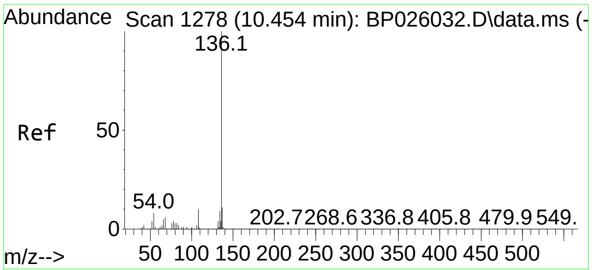
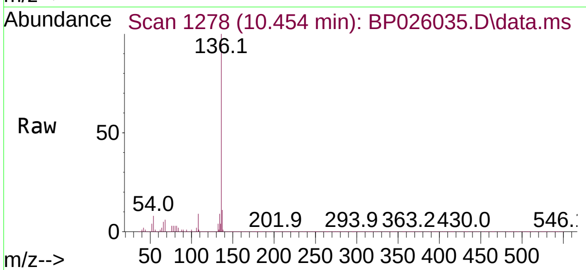
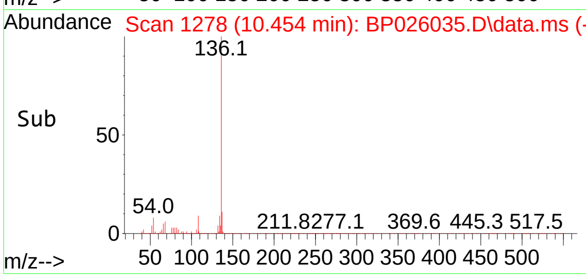


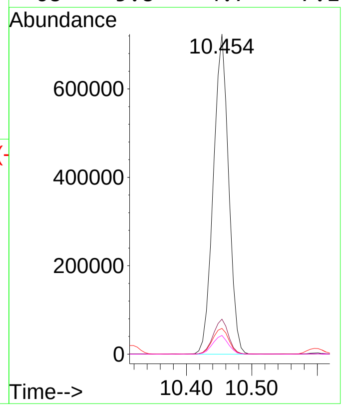


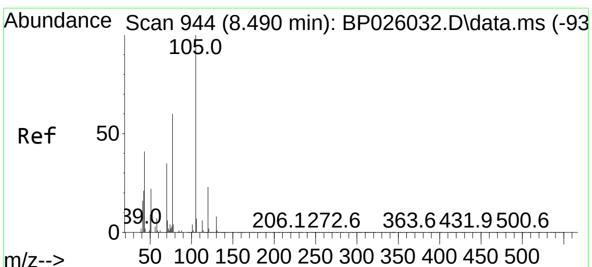


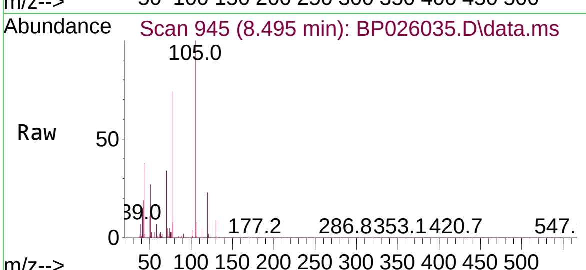
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

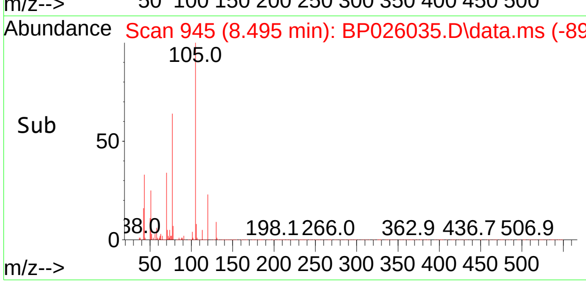
Tgt Ion:136 Resp: 117681

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	6.6	10.0
68	5.8	4.7	7.1





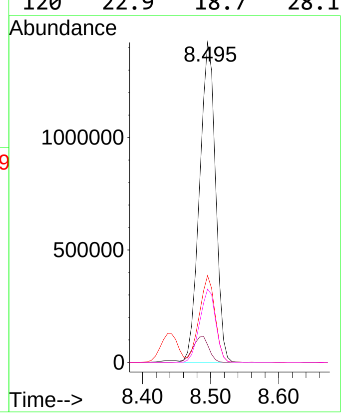


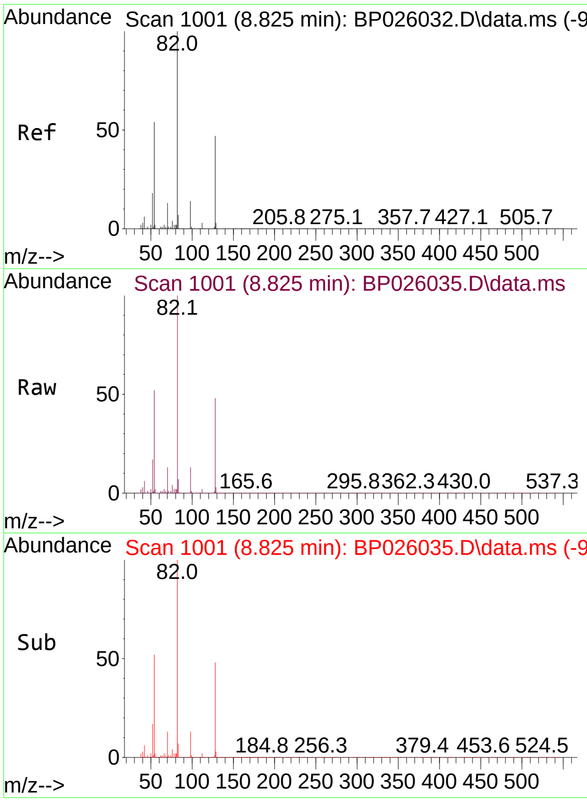


#22
Acetophenone
Concen: 78.173 ng
RT: 8.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:105 Resp: 2326587

Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.7	7.1
51	27.1	21.8	32.8
120	22.9	18.7	28.1






```
#23
Nitrobenzene-d5
Concen:  170.878 ng
RT:    8.825 min  Scan# 10
Delta R.T.  0.000 min
Lab File:   BP026035.D
Acq: 29 Oct 2025  14:13

Tgt Ion: 82 Resp: 3225718
Ion  Ratio  Lower  Upper
 82  100
128   48.0   37.4   56.0
 54   52.2   42.7   64.1
```

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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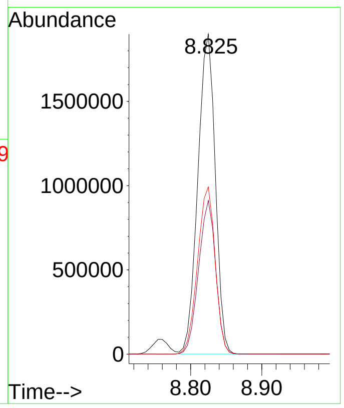
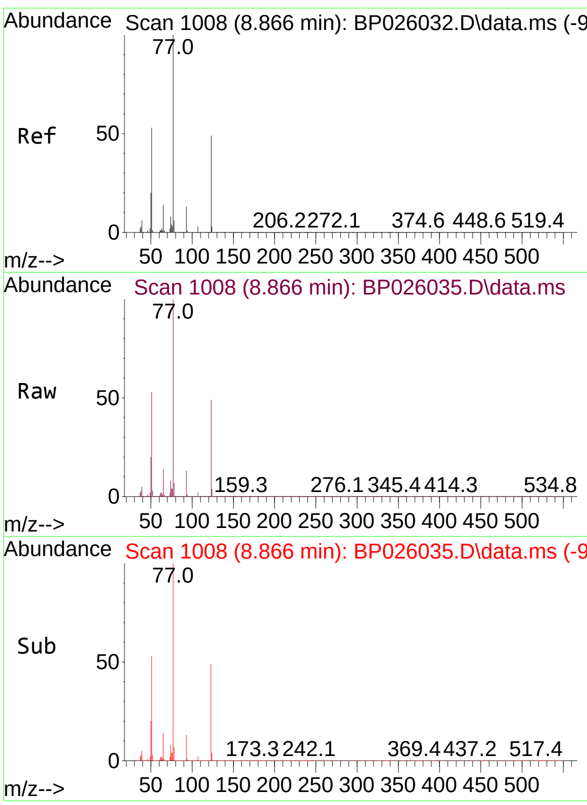
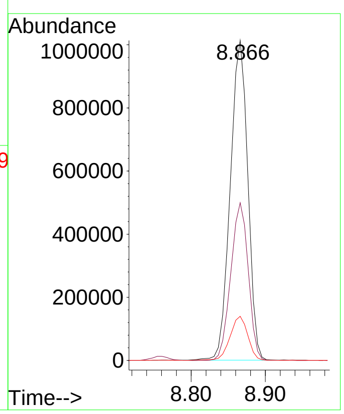





```
#24
Nitrobenzene
Concen:   83.585 ng
RT:    8.866 min  Scan# 1008
Delta R.T.  0.000 min
Lab File:   BP026035.D
Acq: 29 Oct 2025  14:13

Tgt Ion: 77 Resp: 1665956
Ion  Ratio  Lower  Upper
 77  100
123   49.3   39.0   58.4
 65   13.8   10.9   16.3
```



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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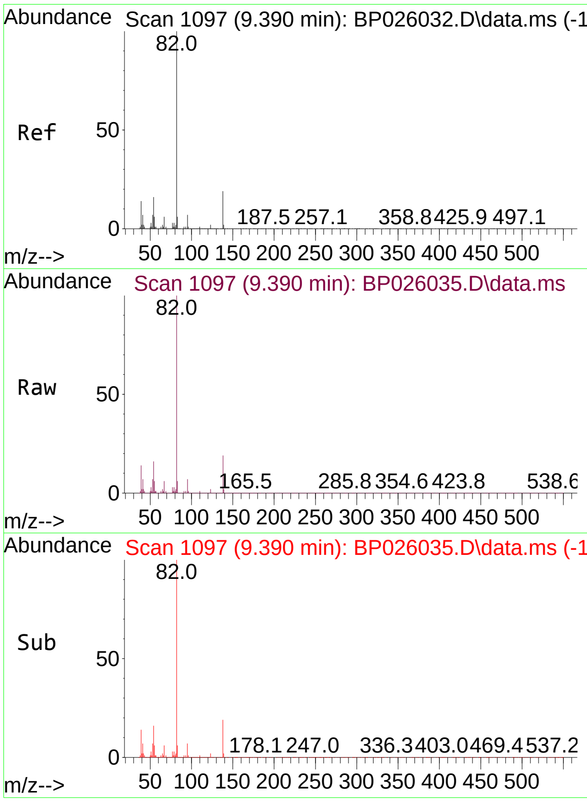
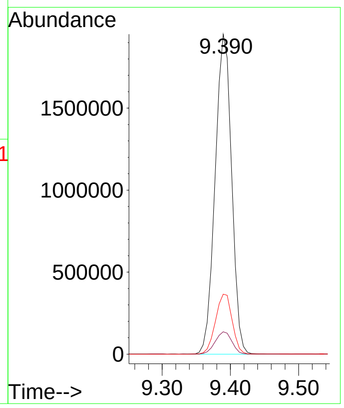
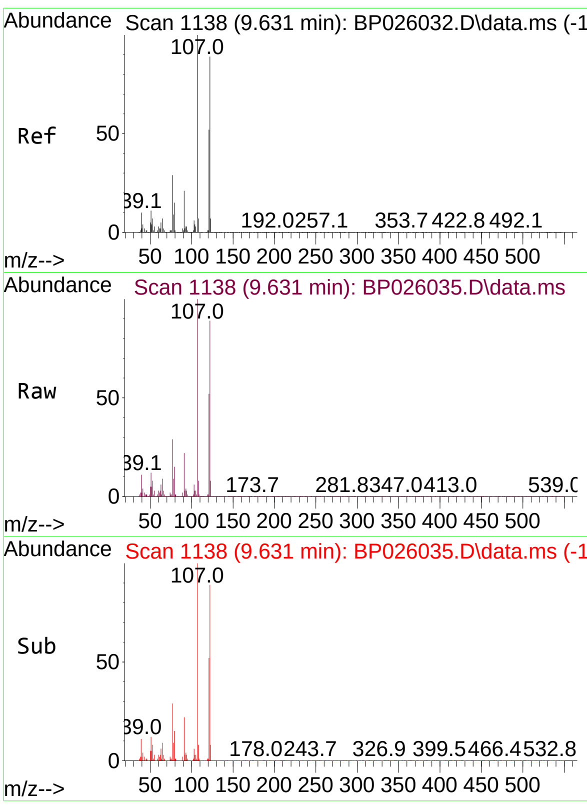


#25
Isophorone
Concen: 80.688 ng
RT: 9.390 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion: 82 Resp: 326023

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	18.7	15.0	22.6

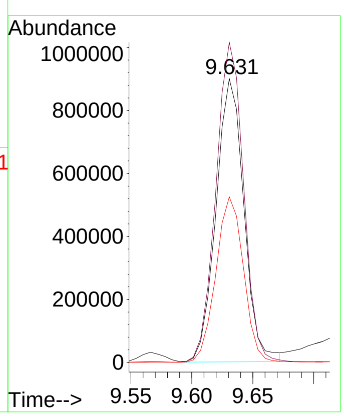




#27
2,4-Dimethylphenol
Concen: 84.436 ng
RT: 9.631 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:122 Resp: 1434677

Ion	Ratio	Lower	Upper
122	100		
107	112.8	89.2	133.8
121	58.4	46.3	69.5



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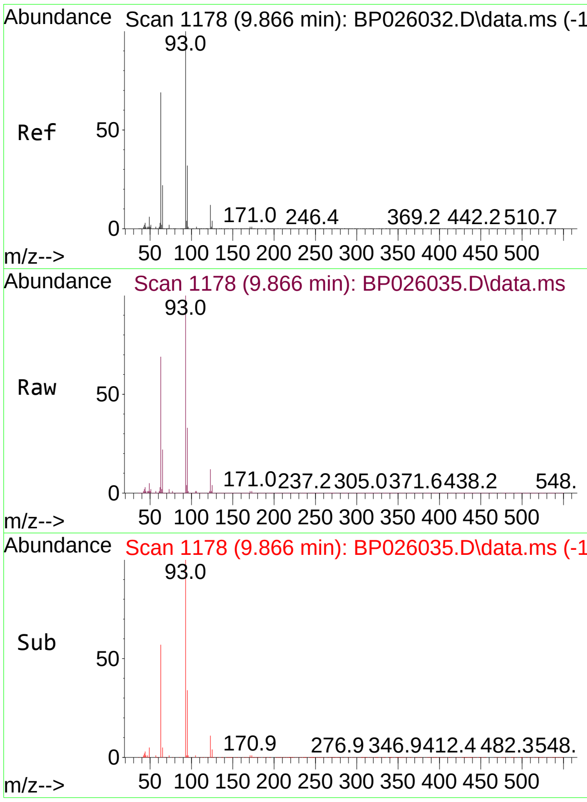

#28
bis(2-Chloroethoxy)methane
Concen: 78.950 ng
RT: 9.866 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 201041

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.6
123	11.7	9.3	13.9

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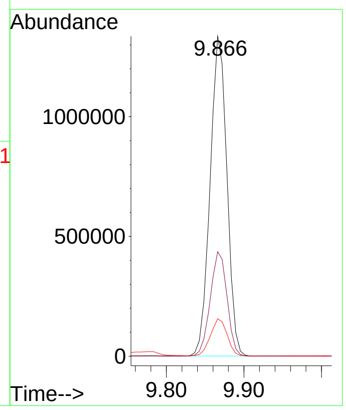
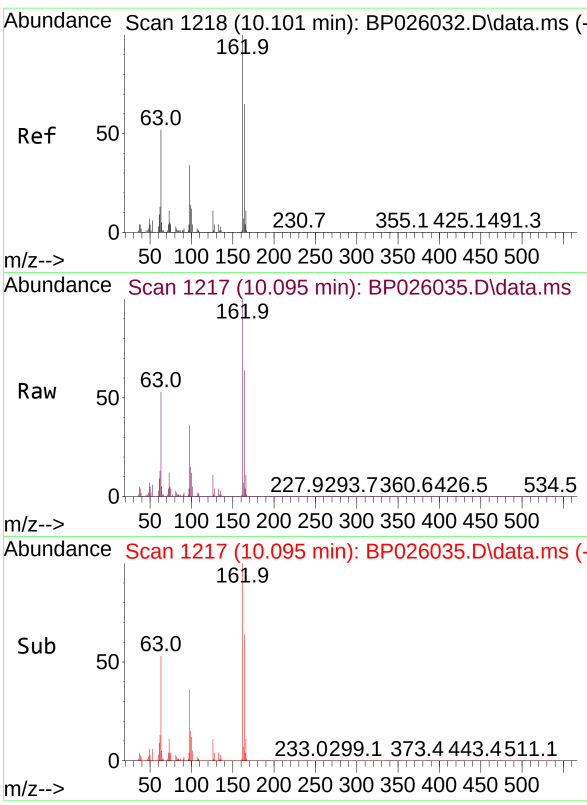
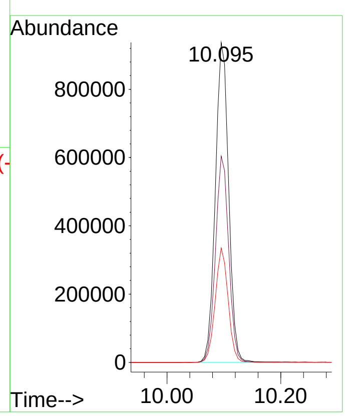




#29
2,4-Dichlorophenol
Concen: 84.998 ng
RT: 10.095 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:162 Resp: 1524906

Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	35.8	14.0	54.0



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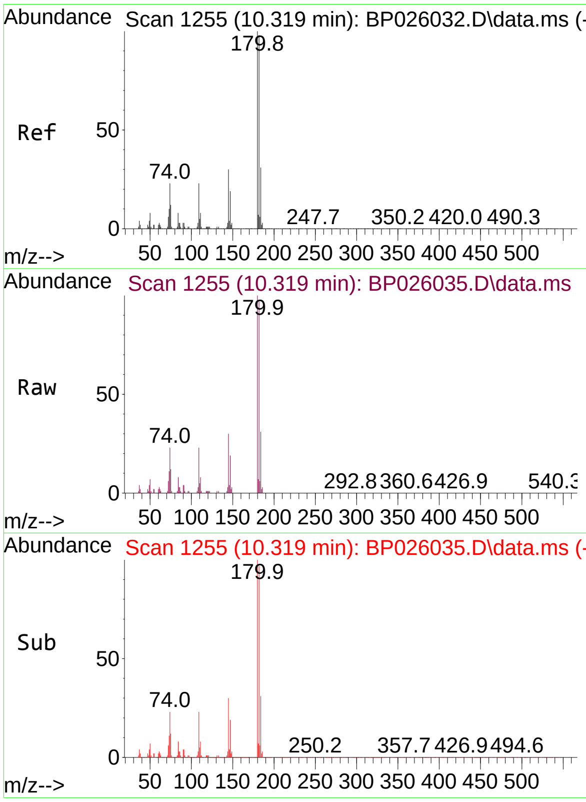

#30
1,2,4-Trichlorobenzene
Concen: 79.255 ng
RT: 10.319 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:180 Resp: 154545

Ion	Ratio	Lower	Upper
180	100		
182	97.4	78.6	117.8
145	29.8	24.2	36.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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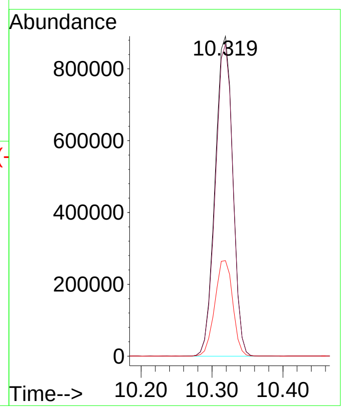
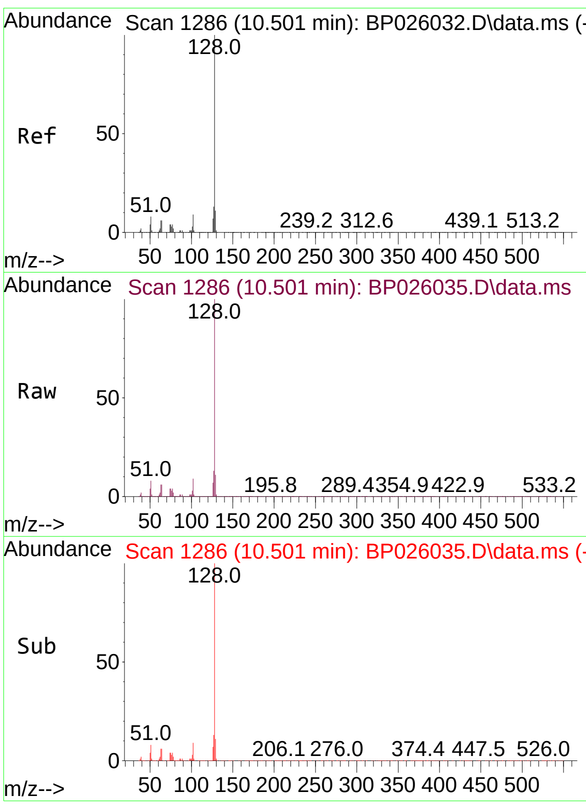
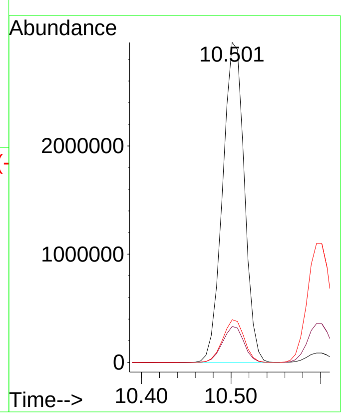




#31
Naphthalene
Concen: 77.974 ng
RT: 10.501 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:128 Resp: 5003853

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.3	10.5	15.7



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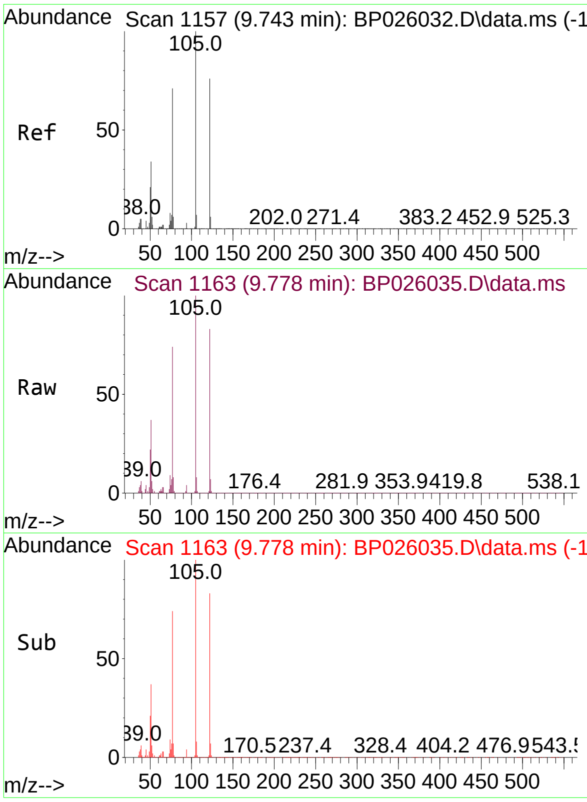

#32
Benzoic acid
Concen: 79.140 ng
RT: 9.778 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 100033

Ion	Ratio	Lower	Upper
122	100		
105	119.9	104.8	144.8
77	89.0	70.9	110.9

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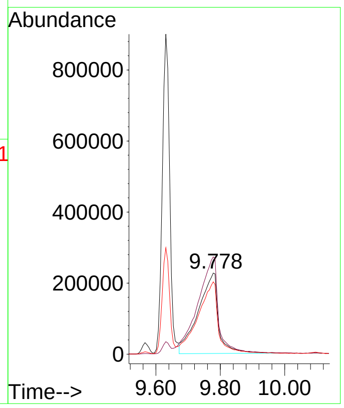
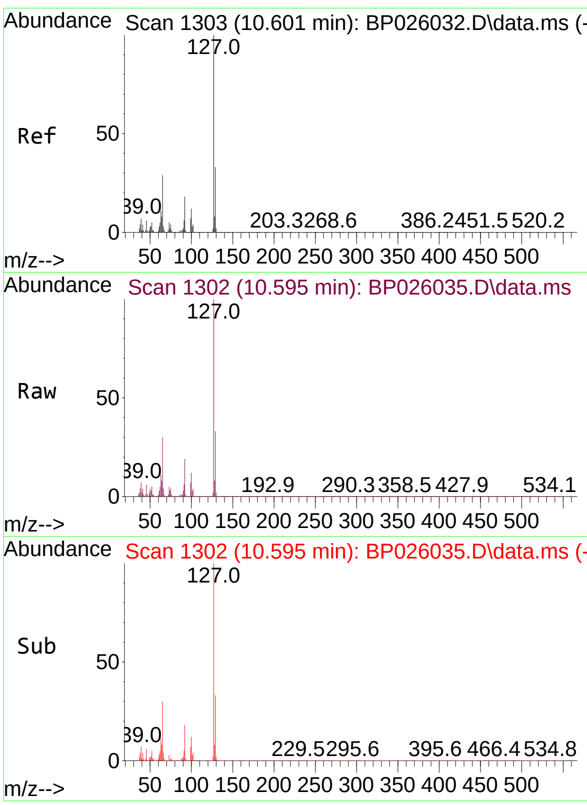
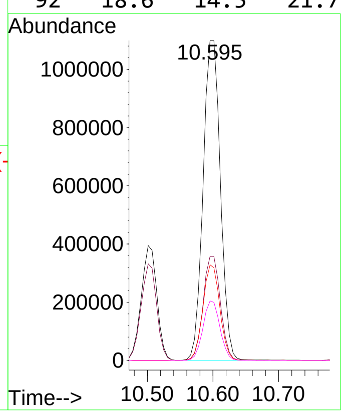




#33
4-Chloroaniline
Concen: 81.448 ng
RT: 10.595 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:127 Resp: 2008519

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	29.9	23.2	34.8
92	18.6	14.5	21.7



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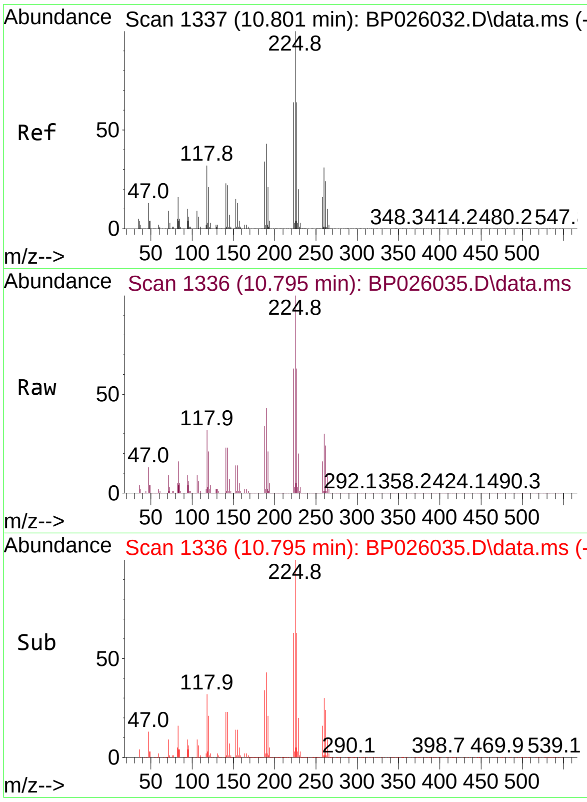

#34
Hexachlorobutadiene
Concen: 78.780 ng
RT: 10.795 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:225 Resp: 97621

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.9	76.3
227	63.1	51.0	76.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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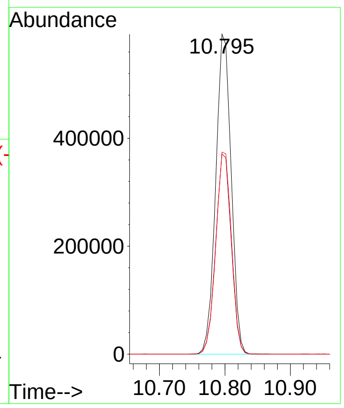
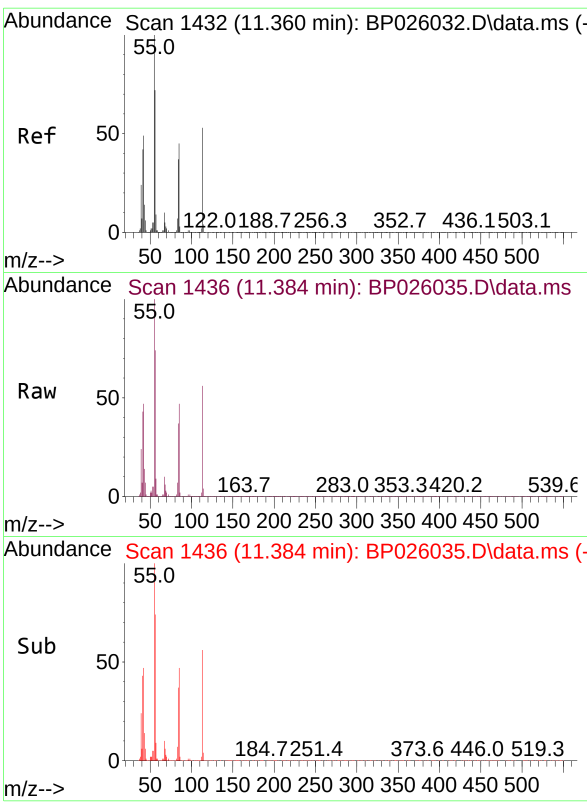
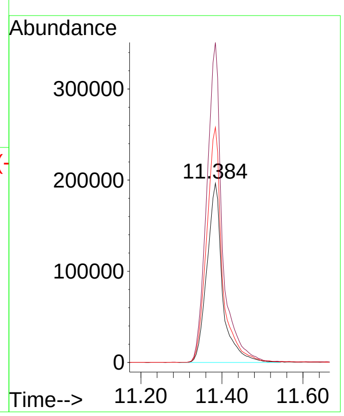




#35
Caprolactam
Concen: 83.619 ng
RT: 11.384 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:113 Resp: 526808

Ion	Ratio	Lower	Upper
113	100		
55	178.6	169.9	209.9
56	131.3	116.7	156.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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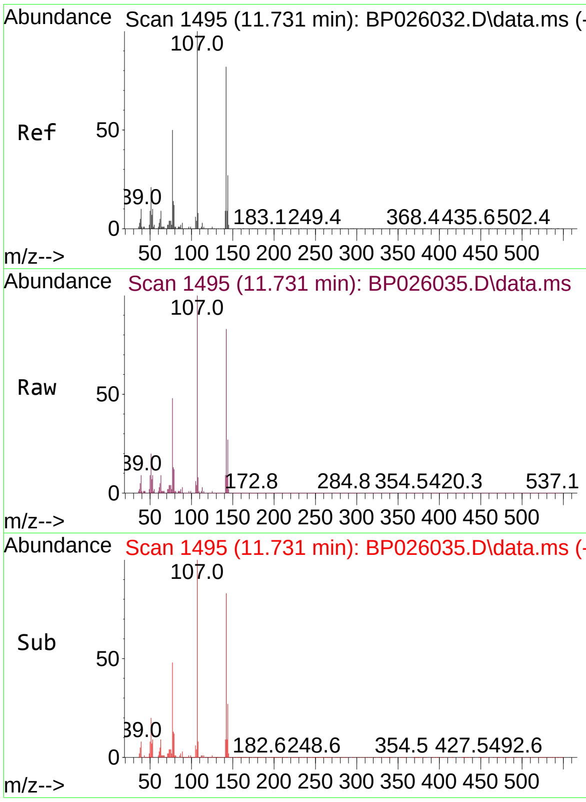
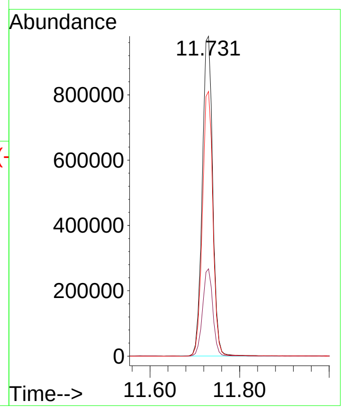
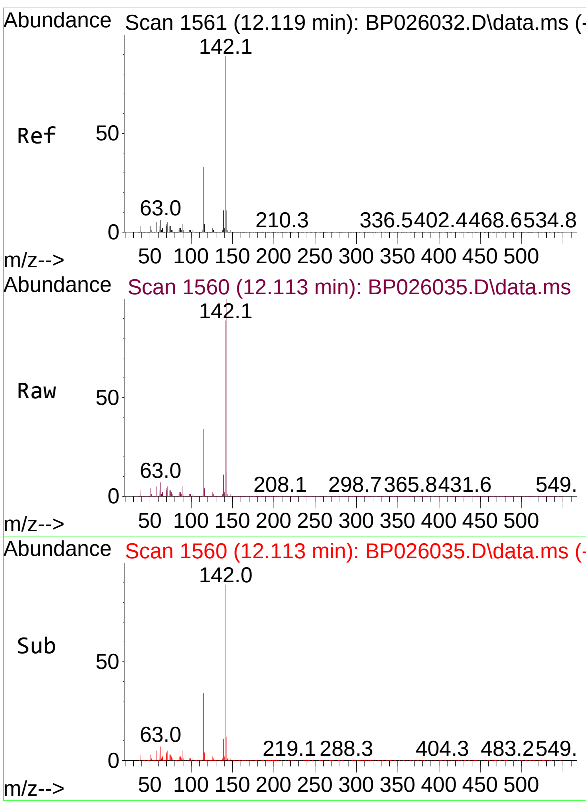


#36
4-Chloro-3-methylphenol
Concen: 84.393 ng
RT: 11.731 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:107 Resp: 158717

Ion	Ratio	Lower	Upper
107	100		
144	27.3	21.3	31.9
142	82.7	65.2	97.8

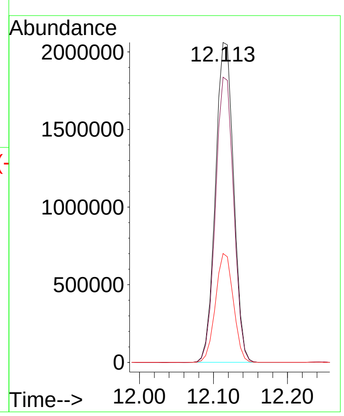




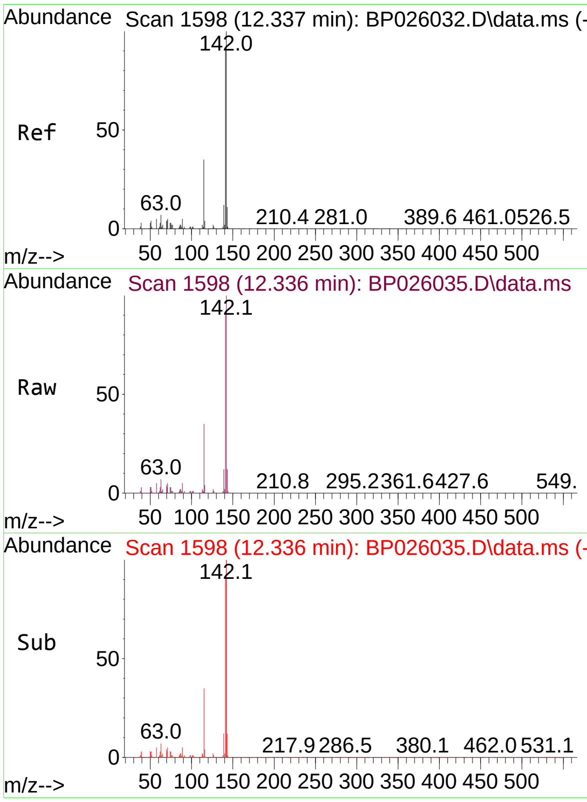
#37
2-Methylnaphthalene
Concen: 78.637 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:142 Resp: 3532026

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.6	107.4
115	34.0	26.6	39.8



ICAL Form



#38
1-Methylnaphthalene
Concen: 78.306 ng
RT: 12.336 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 341692

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.7	109.1
116	3.7	2.9	4.3

Manual Integrations
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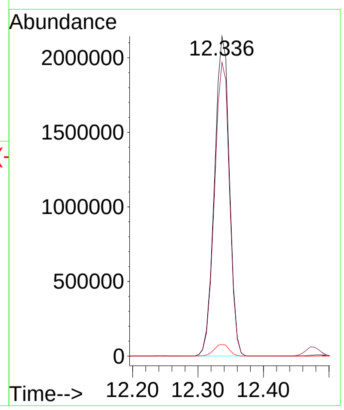
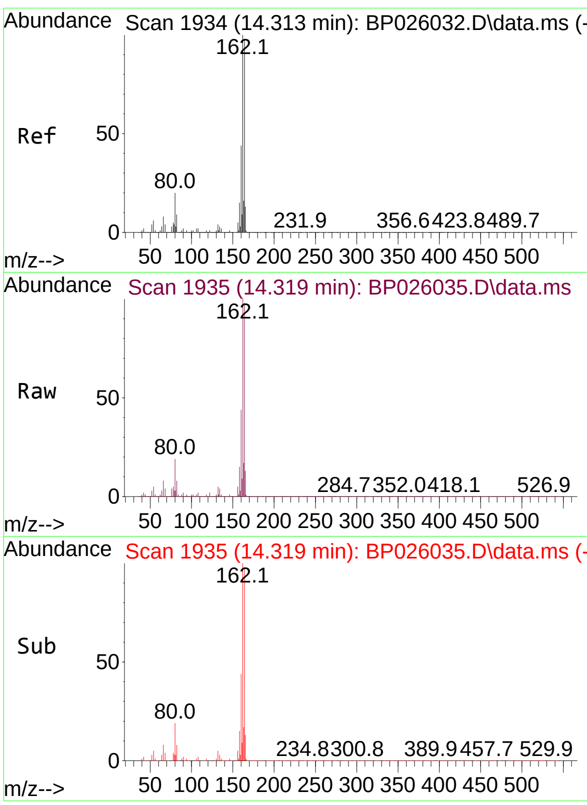
Supervised By :Jagrut Upadhyay 11/04/2025

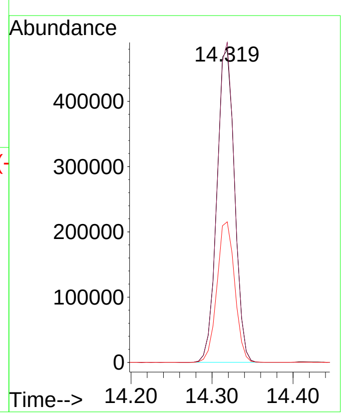




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:164 Resp: 727864

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.5	122.3
160	45.0	36.2	54.4



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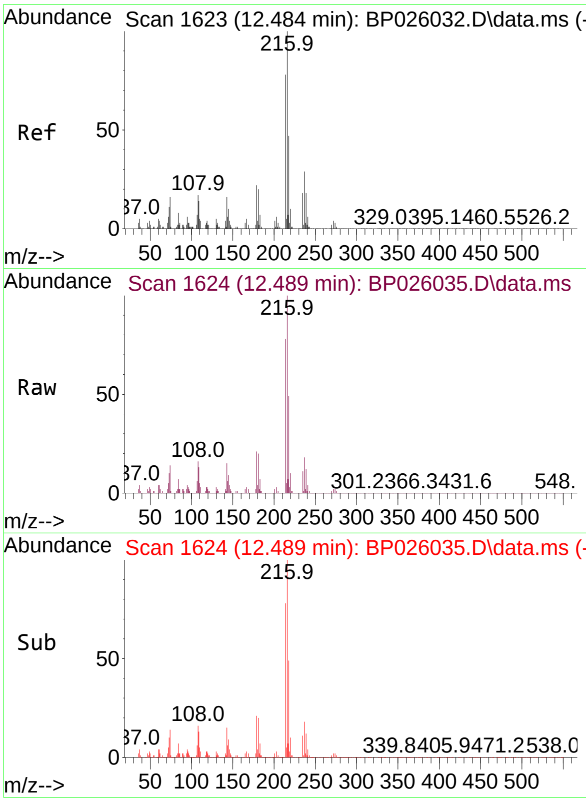

#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.720 ng
RT: 12.489 min Scan# 16
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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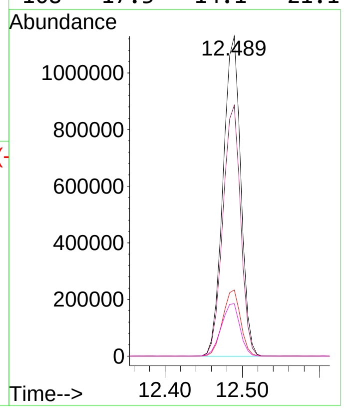
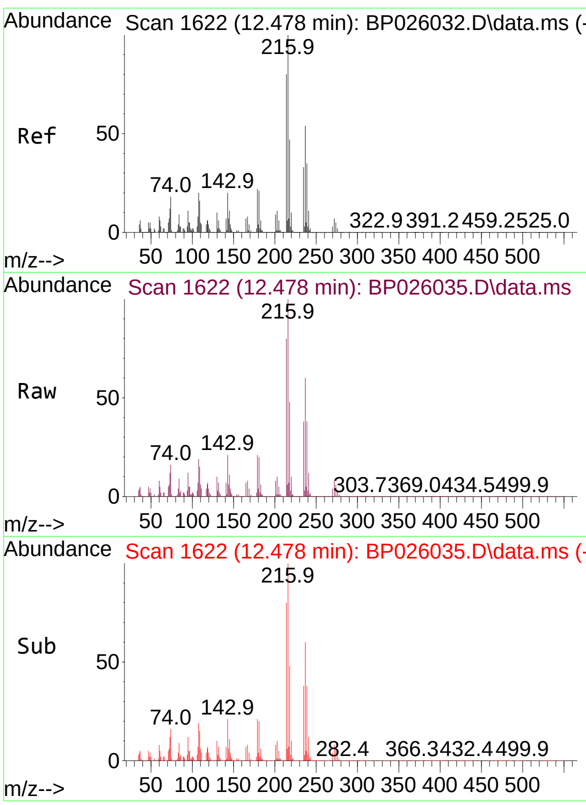
Supervised By :Jagrut Upadhyay 11/04/2025

Tgt Ion:216 Resp: 180292

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.9	94.3
179	20.8	16.9	25.3
108	17.3	14.1	21.1

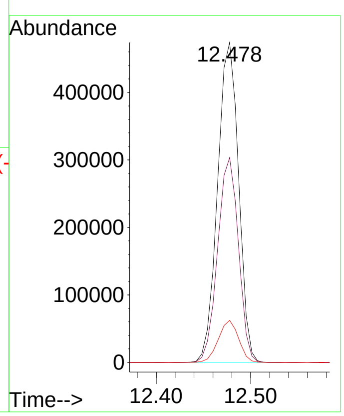


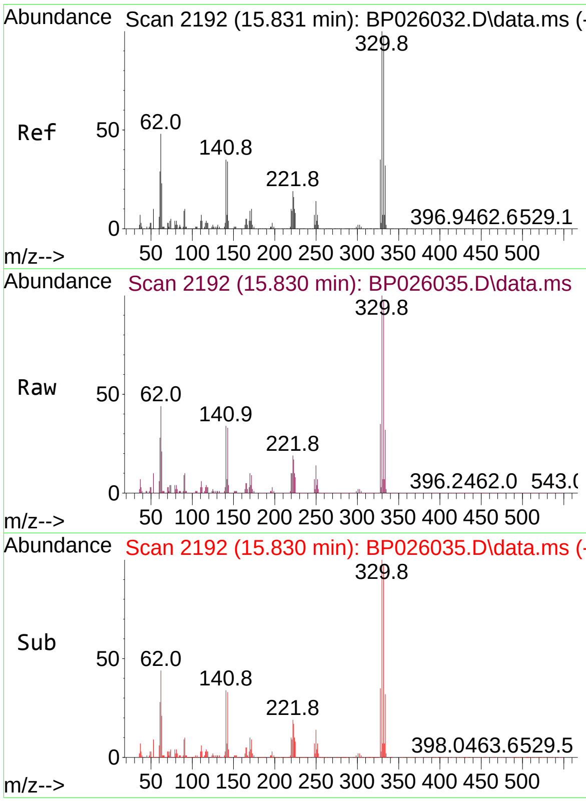


#41
Hexachlorocyclopentadiene
Concen: 88.474 ng
RT: 12.478 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:237 Resp: 732085

Ion	Ratio	Lower	Upper
237	100		
235	64.0	40.4	80.4
272	13.1	0.0	32.2





#42
2,4,6-Tribromophenol
Concen: 172.904 ng
RT: 15.830 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:330 Resp: 136057

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	34.7	28.6	42.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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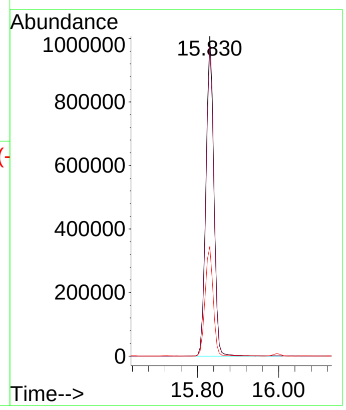
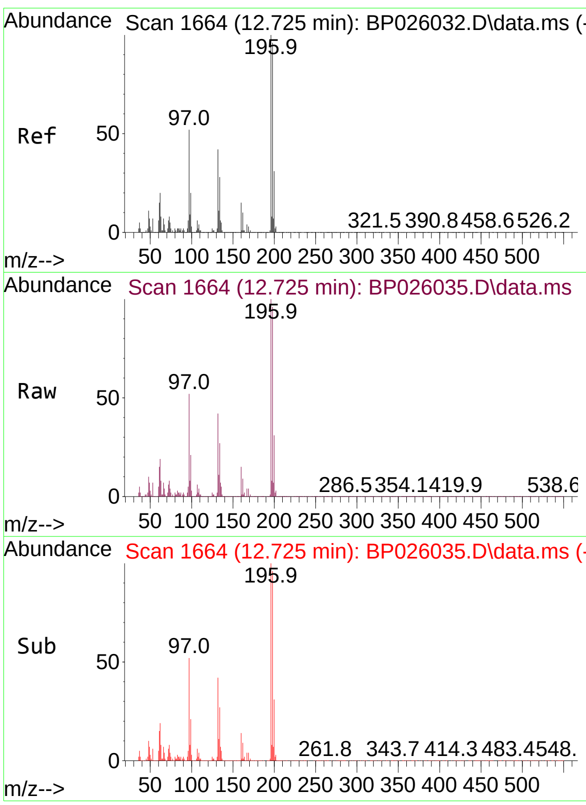
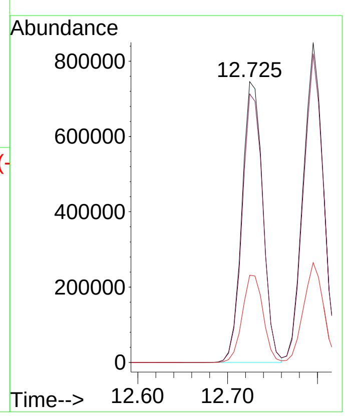




#43
2,4,6-Trichlorophenol
Concen: 89.908 ng
RT: 12.725 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:196 Resp: 1201855

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.5	114.7
200	31.1	24.4	36.6



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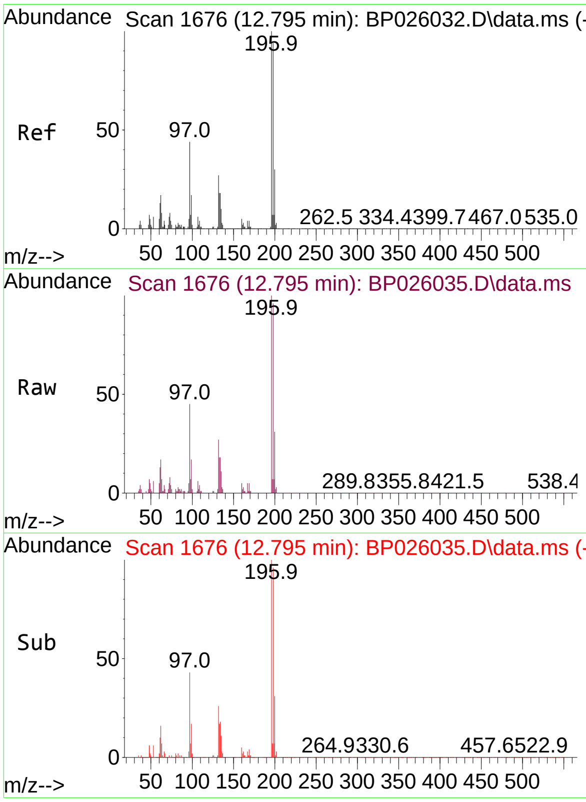

#44
2,4,5-Trichlorophenol
Concen: 87.017 ng
RT: 12.795 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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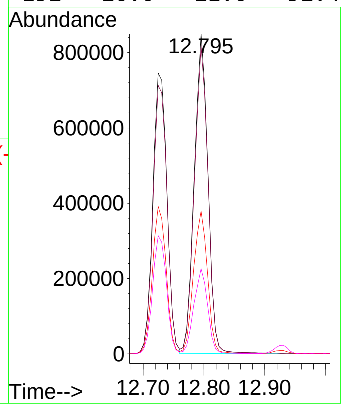
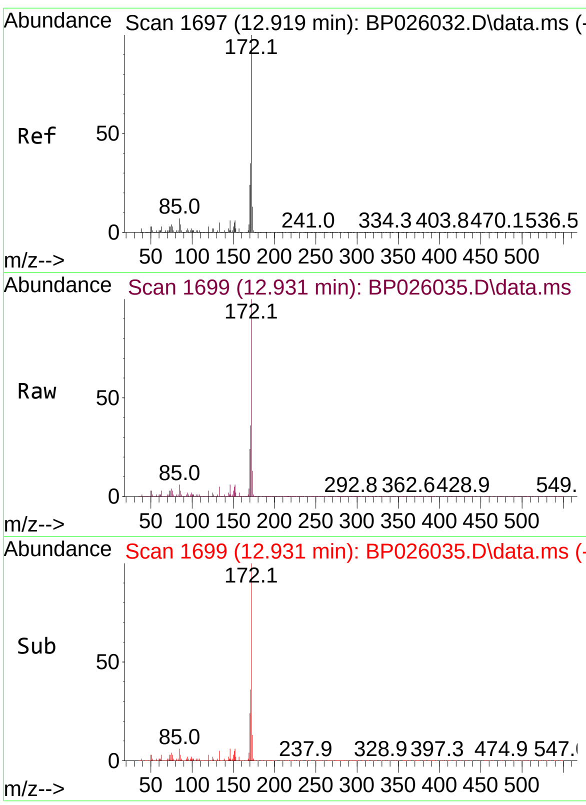
Tgt Ion:196 Resp: 1327296

Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.1	112.7
97	44.6	35.5	53.3
132	26.6	21.6	32.4

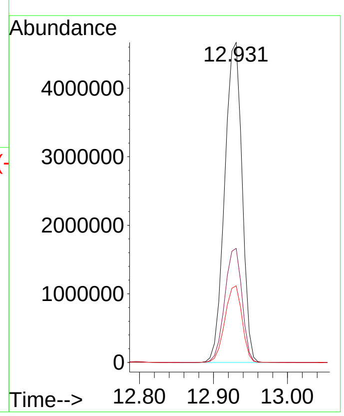


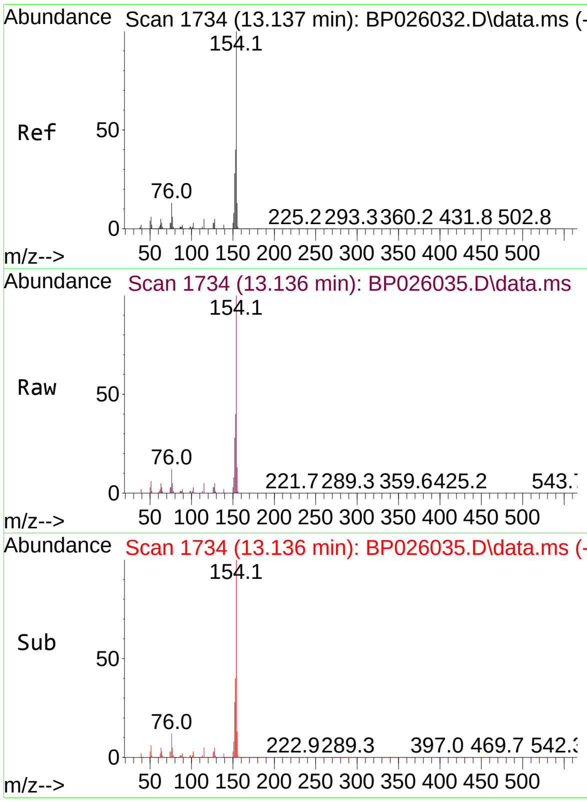


#45
2-Fluorobiphenyl
Concen: 150.244 ng
RT: 12.931 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:172 Resp: 7610514

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	23.9	19.0	28.4





#46
1,1'-Biphenyl
Concen: 77.997 ng
RT: 13.136 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:154 Resp: 434701

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.2	60.2
76	12.4	0.0	32.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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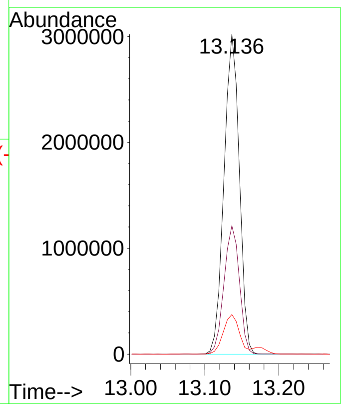
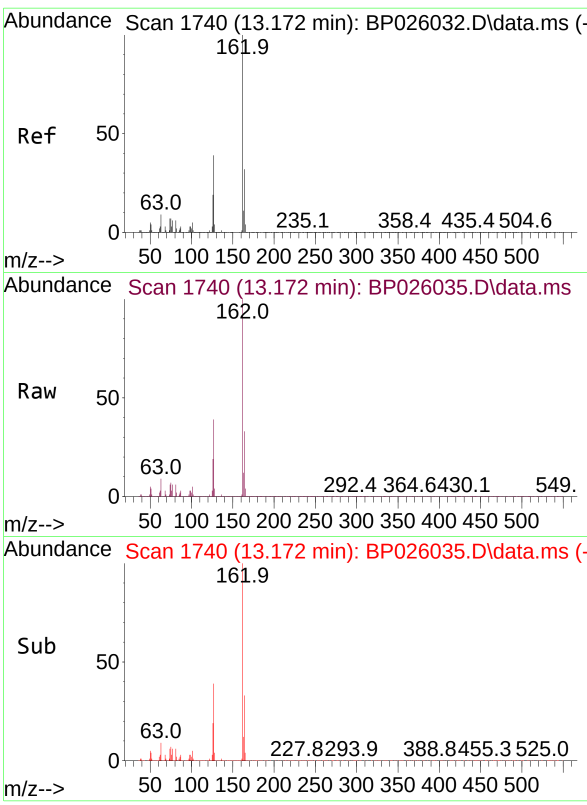
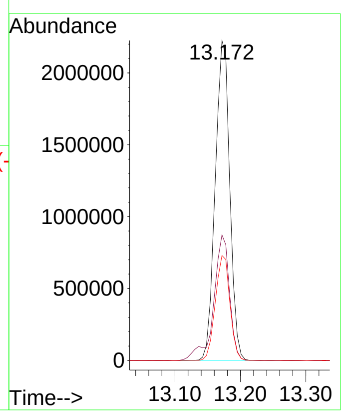


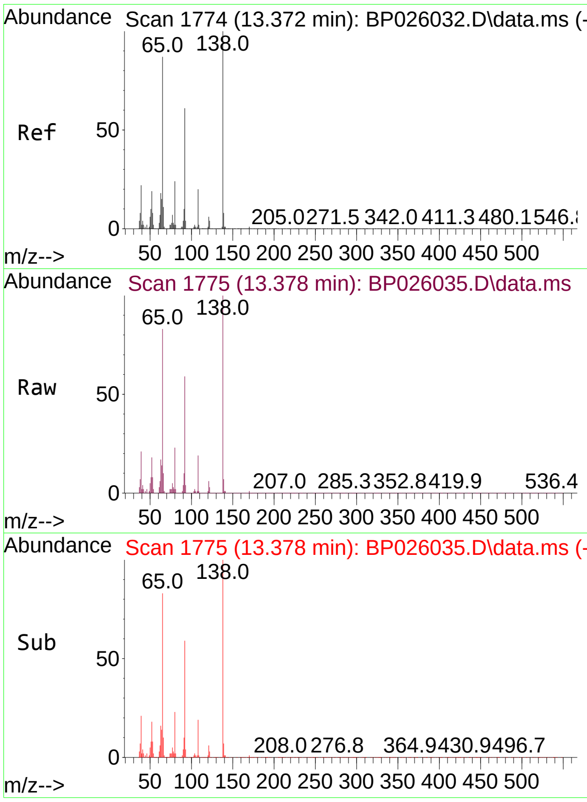


#47
2-Chloronaphthalene
Concen: 78.326 ng
RT: 13.172 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:162 Resp: 3434628

Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.4	47.2
164	32.8	25.9	38.9





#48
2-Nitroaniline
Concen: 84.358 ng
RT: 13.378 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion: 65 Resp: 958497

Ion	Ratio	Lower	Upper
65	100		
92	70.9	55.5	83.3
138	120.8	91.7	137.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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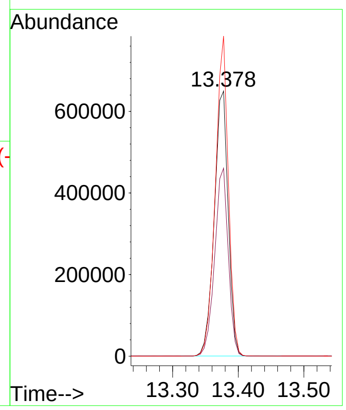
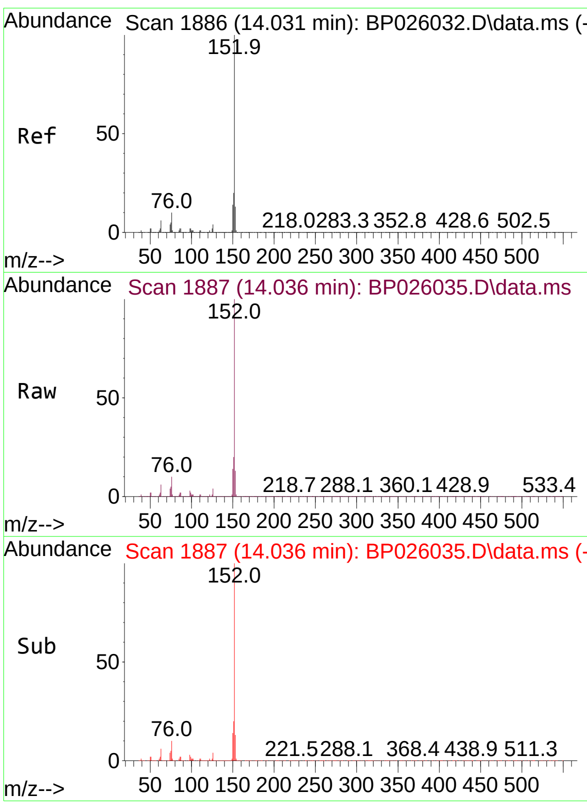
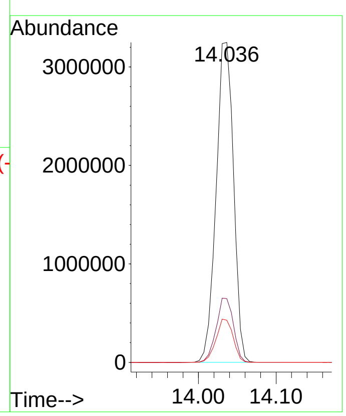




#49
Acenaphthylene
Concen: 79.376 ng
RT: 14.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:152 Resp: 5073069

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.2	10.6	16.0



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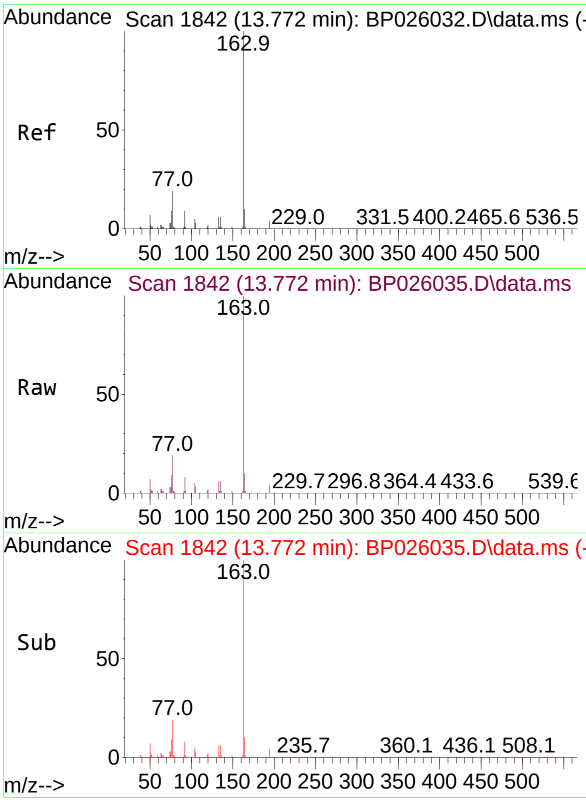
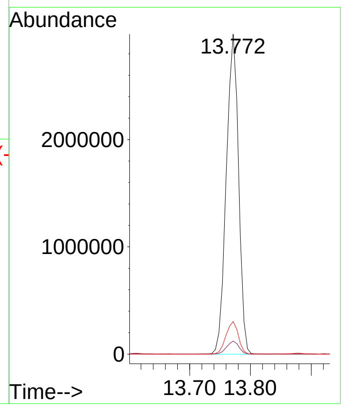


#50
Dimethylphthalate
Concen: 79.090 ng
RT: 13.772 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:163 Resp: 4187309

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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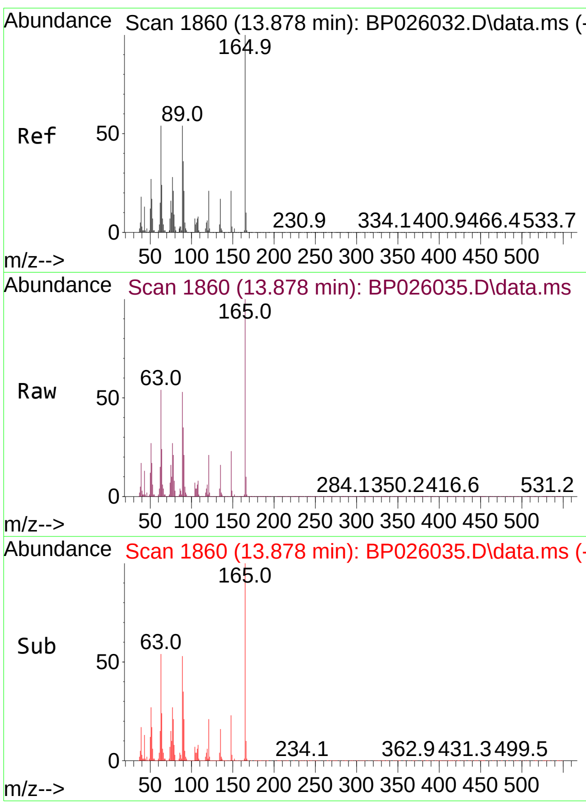
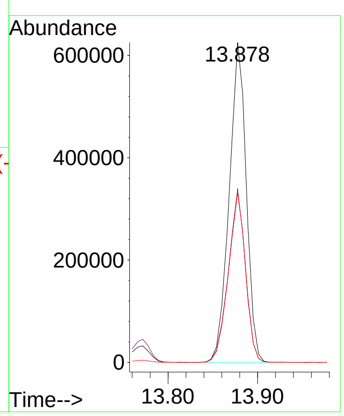
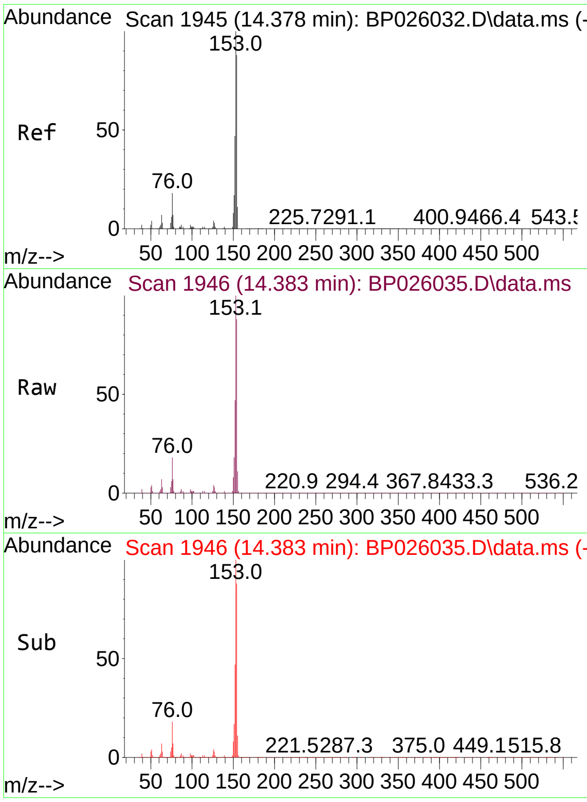


#51
2,6-Dinitrotoluene
Concen: 83.478 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:165 Resp: 834638

Ion	Ratio	Lower	Upper
165	100		
63	54.1	43.0	64.4
89	53.0	43.0	64.4

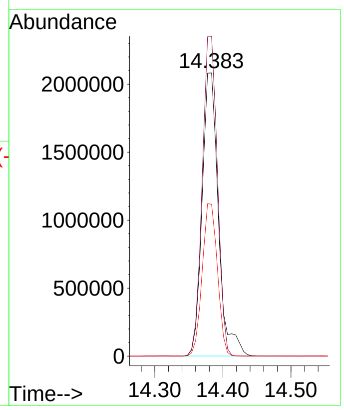




#52
Acenaphthene
Concen: 79.085 ng
RT: 14.383 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:154 Resp: 3469946

Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.0	136.4
152	53.7	42.7	64.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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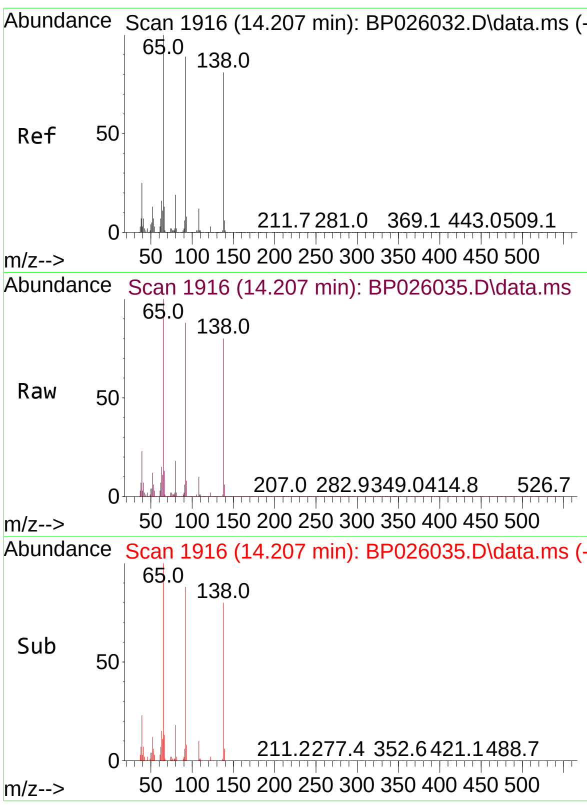
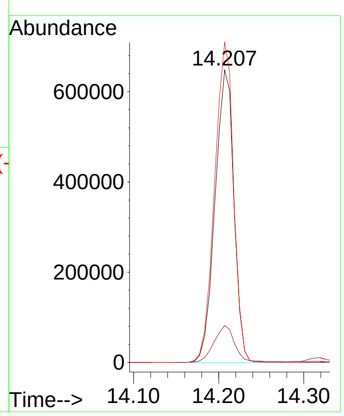
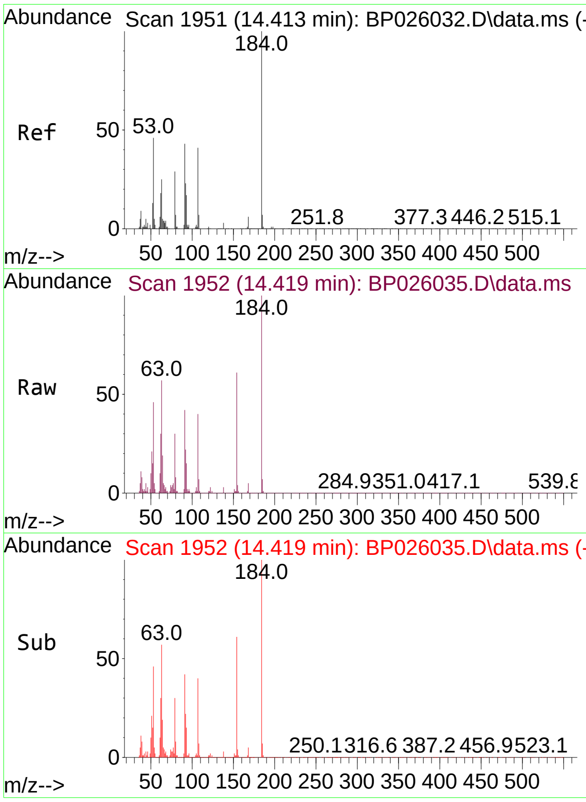


#53
3-Nitroaniline
Concen: 81.547 ng
RT: 14.207 min Scan# 1916
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:138 Resp: 995927

Ion	Ratio	Lower	Upper
138	100		
108	12.6	11.4	17.0
92	109.5	87.1	130.7





#54
2,4-Dinitrophenol
Concen: 79.098 ng
RT: 14.419 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:184 Resp: 36626

Ion	Ratio	Lower	Upper
184	100		
63	57.1	49.0	73.4
154	61.5	51.0	76.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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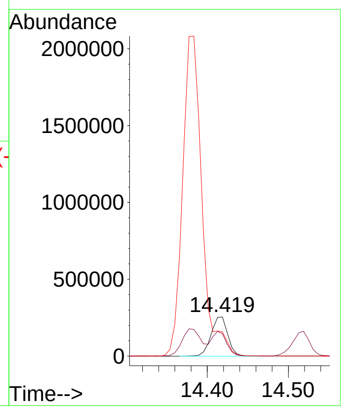
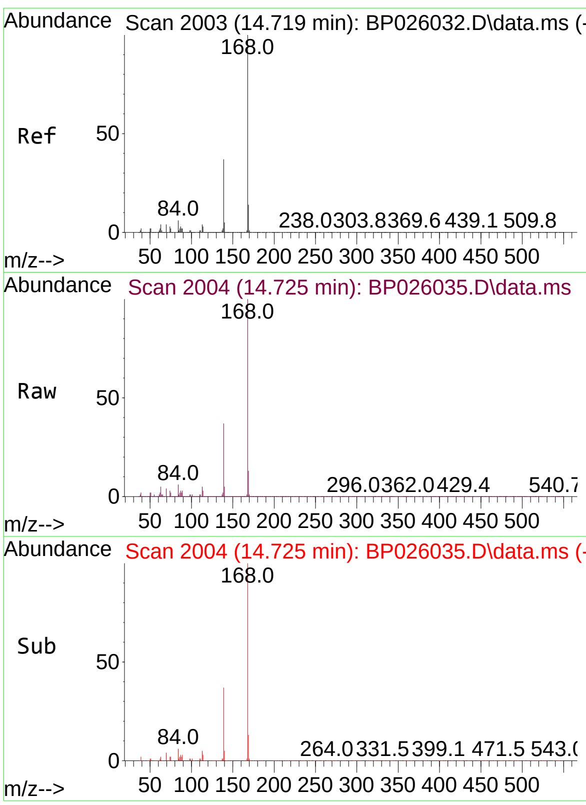
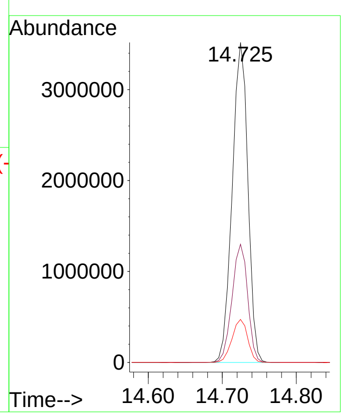


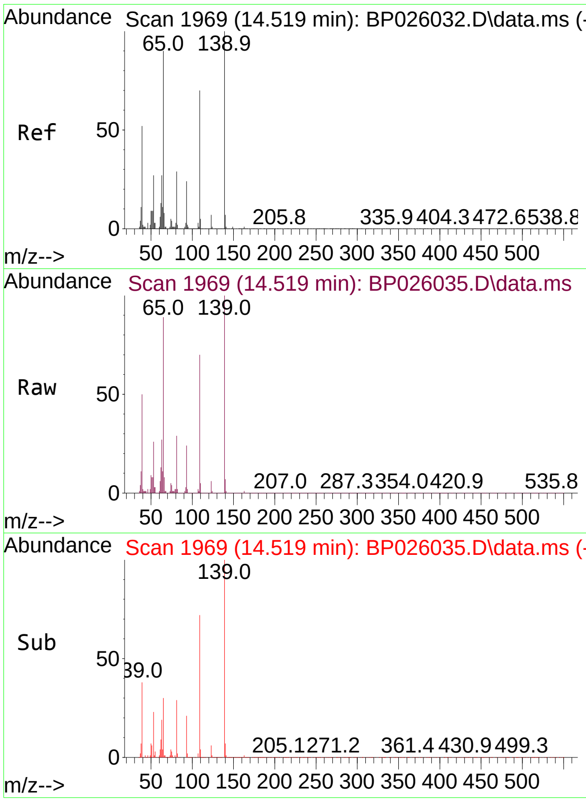


#55
Dibenzofuran
Concen: 78.003 ng
RT: 14.725 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:168 Resp: 5170871

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.7	44.5
169	13.4	11.0	16.4

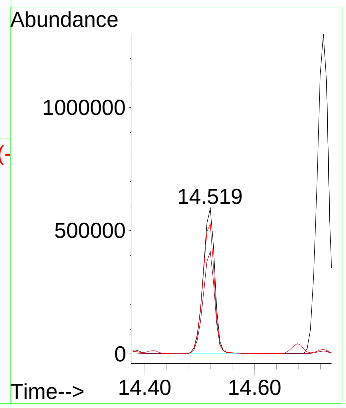




#56
4-Nitrophenol
Concen: 82.900 ng
RT: 14.519 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:139 Resp: 87519

Ion	Ratio	Lower	Upper
139	100		
109	70.3	50.0	90.0
65	89.2	69.6	109.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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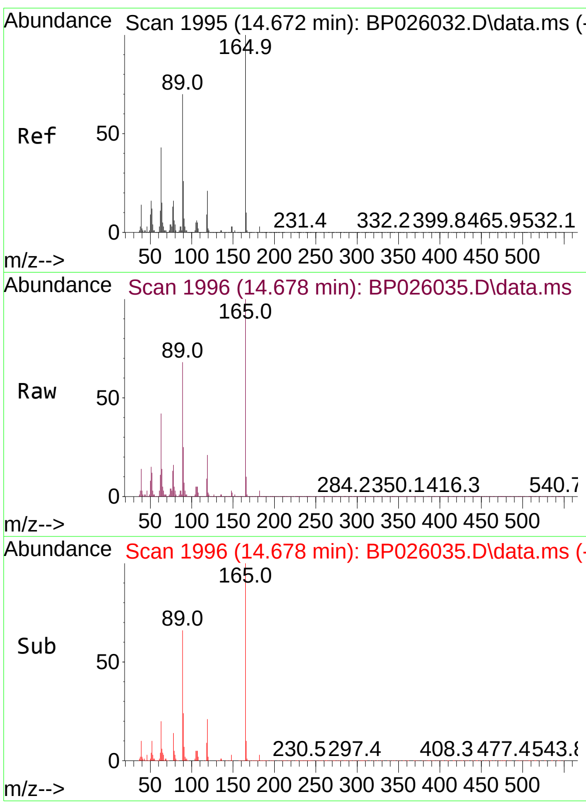
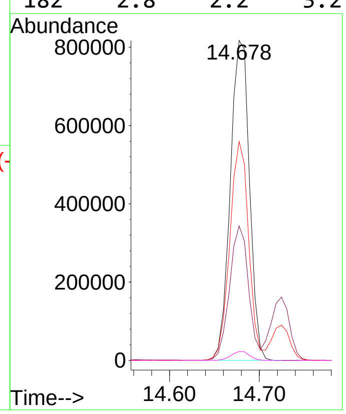


#57
2,4-Dinitrotoluene
Concen: 83.983 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:165 Resp: 1218227

Ion	Ratio	Lower	Upper
165	100		
63	42.0	34.2	51.2
89	68.5	56.0	84.0
182	2.8	2.2	3.2



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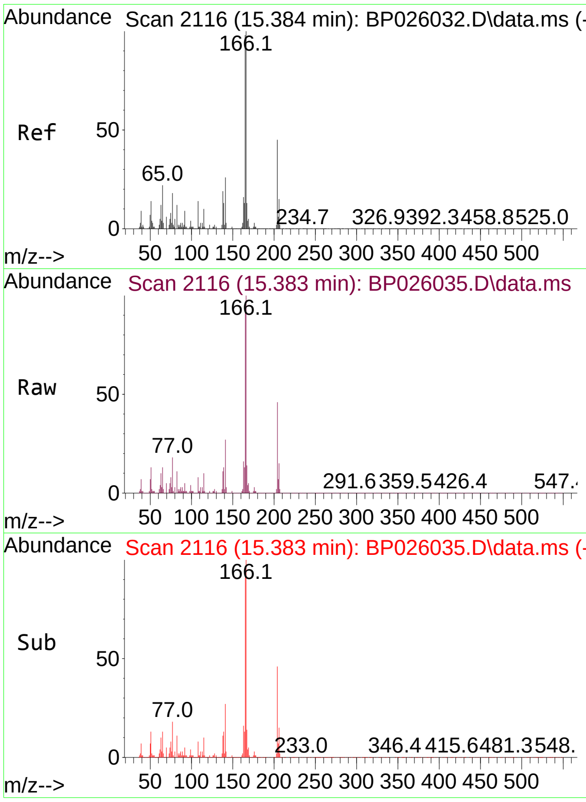

#58
Fluorene
Concen: 73.925 ng
RT: 15.383 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:166 Resp: 383930

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.1	117.1
167	13.6	10.6	16.0

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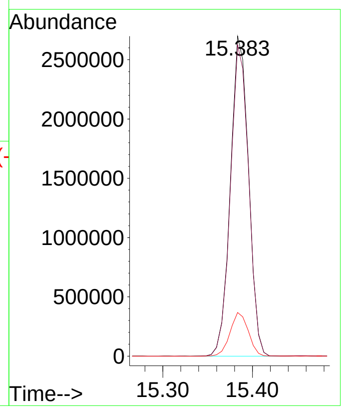
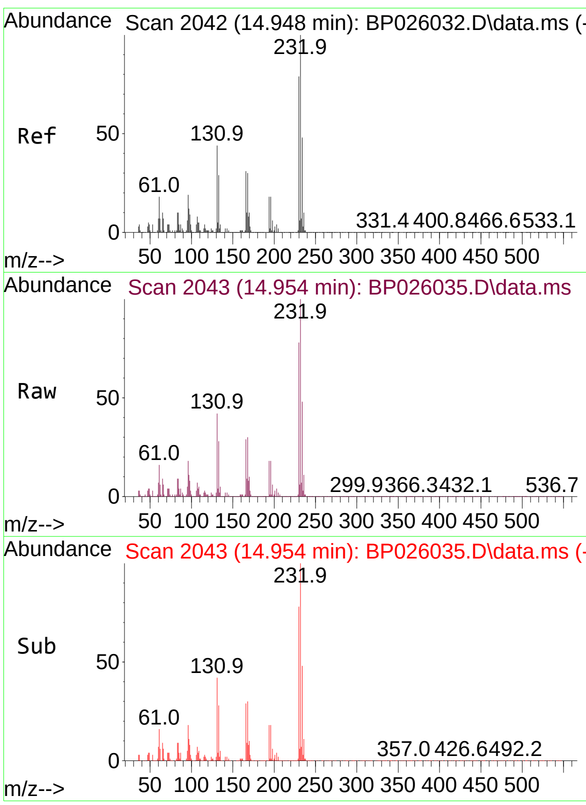
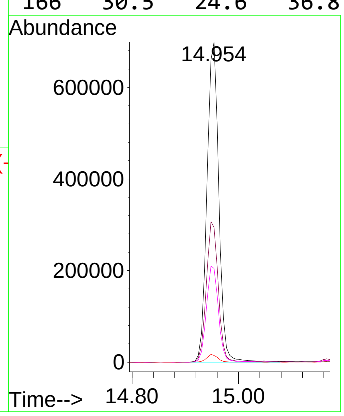




#59
2,3,4,6-Tetrachlorophenol
Concen: 89.860 ng
RT: 14.954 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:232 Resp: 1077698

Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.2	52.8
130	2.3	1.7	2.5
166	30.5	24.6	36.8



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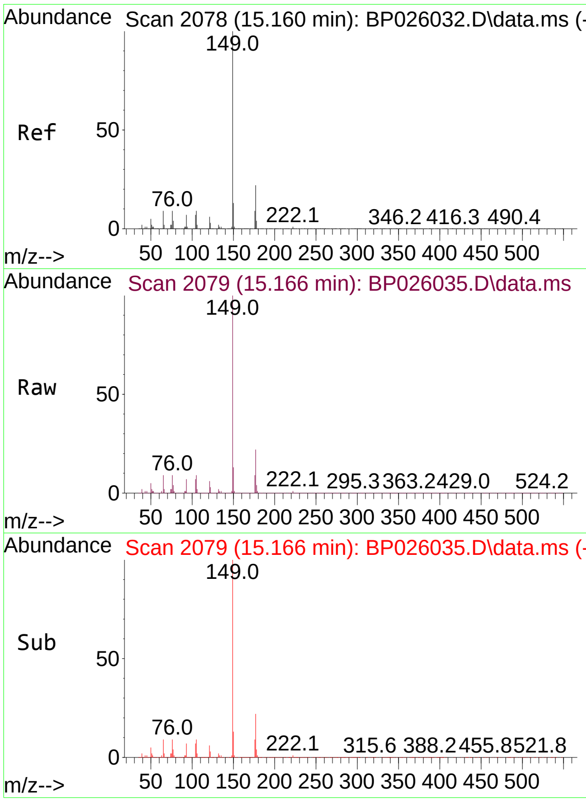

#60
Diethylphthalate
Concen: 79.517 ng
RT: 15.166 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 4232388

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.9	26.9
150	12.6	10.1	15.1

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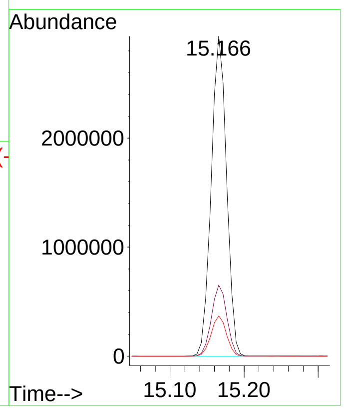
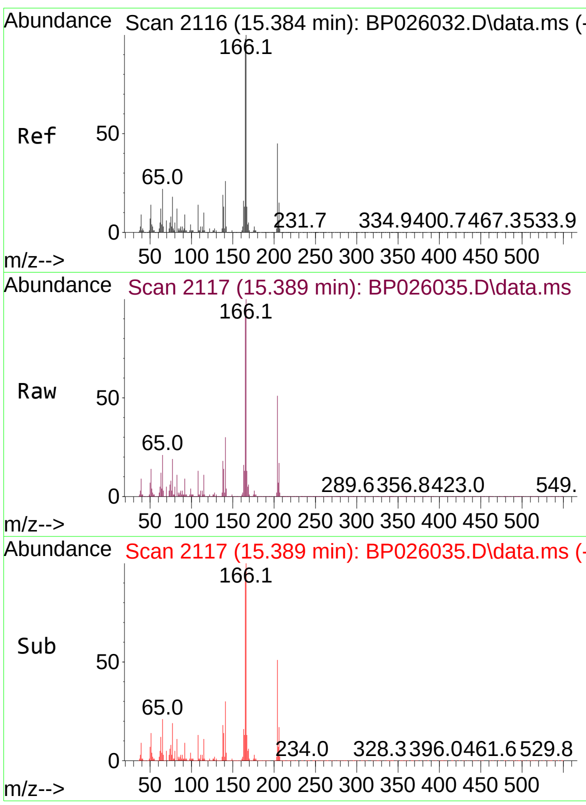
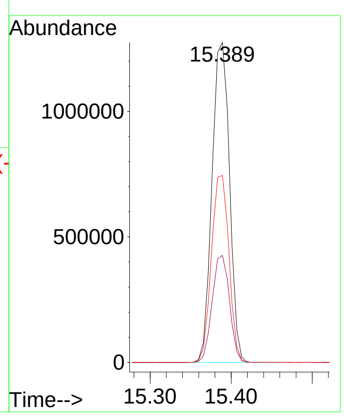




#61
4-Chlorophenyl-phenylether
Concen: 73.822 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:204 Resp: 1914592

Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	58.4	47.0	70.4



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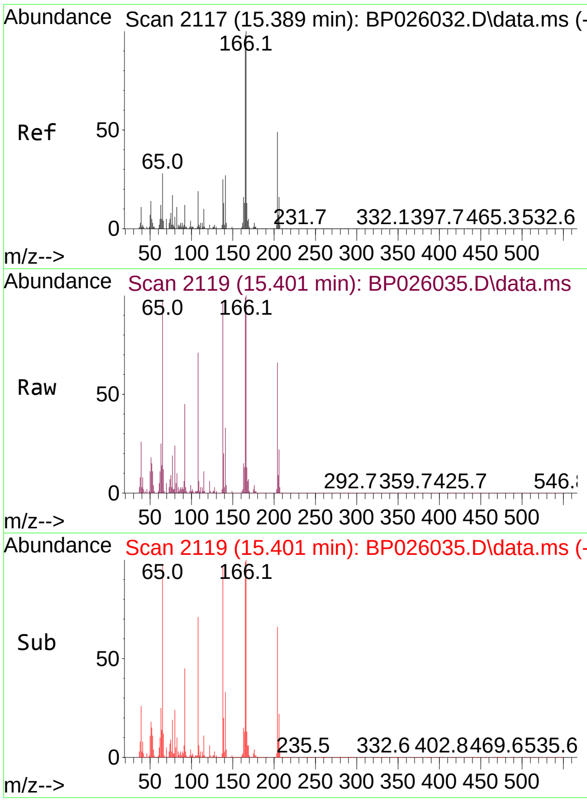
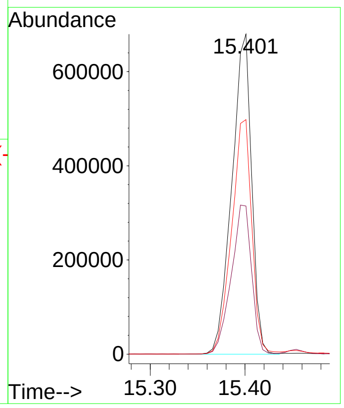


#62
4-Nitroaniline
Concen: 87.229 ng
RT: 15.401 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:138 Resp: 98685

Ion	Ratio	Lower	Upper
138	100		
92	46.3	28.2	68.2
108	73.3	56.0	96.0



Instrument :
BNA_P
ClientSampleId :
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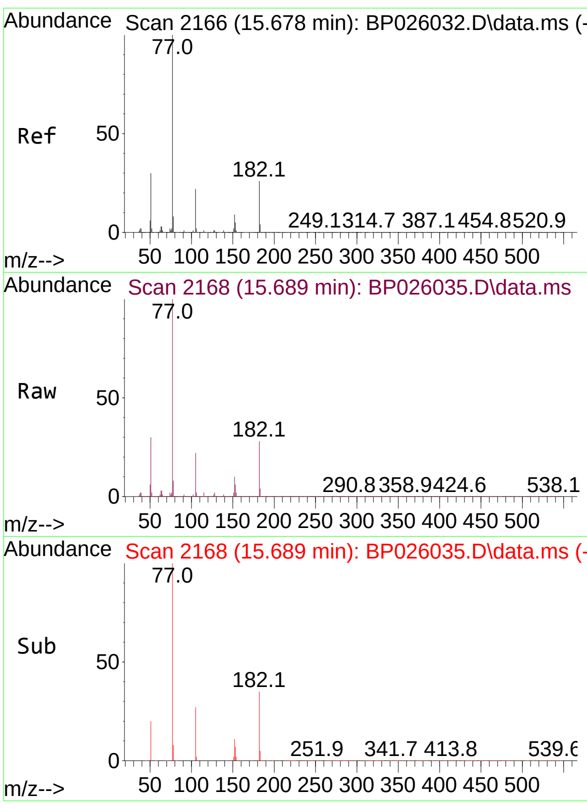
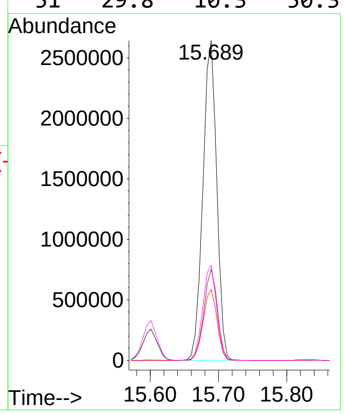
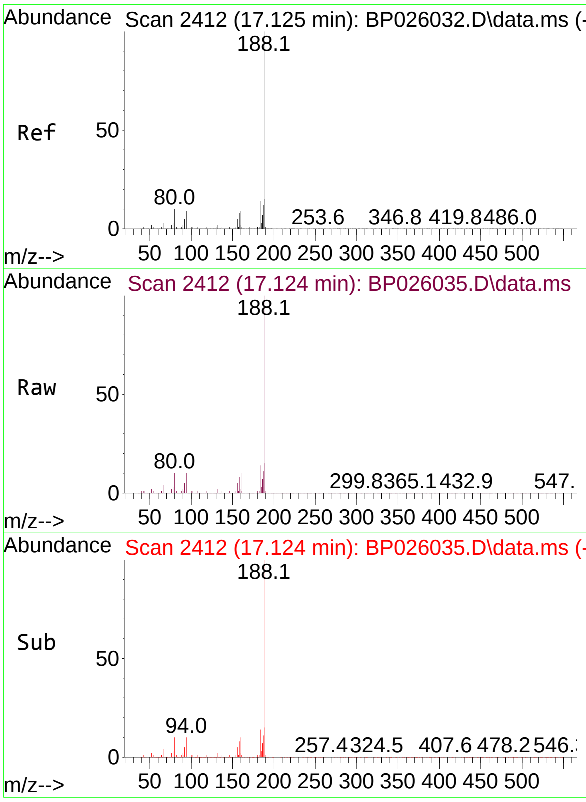


#63
Azobenzene
Concen: 77.187 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion: 77 Resp: 3723361

Ion	Ratio	Lower	Upper
77	100		
182	28.5	6.4	46.4
105	22.2	2.2	42.2
51	29.8	10.3	50.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.124 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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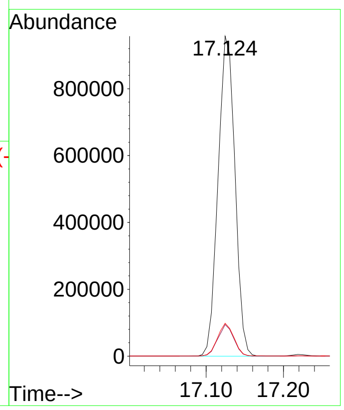
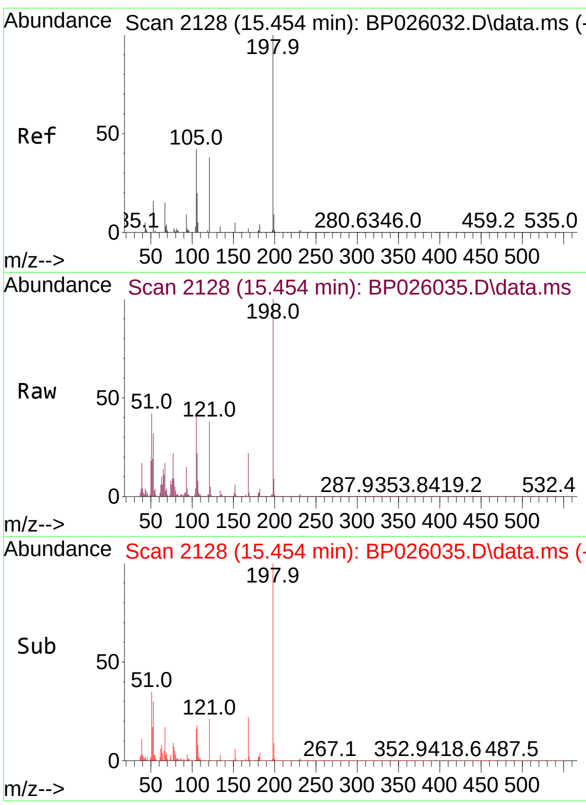
Tgt Ion:188 Resp: 145435

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.1	10.7
80	10.3	7.9	11.9

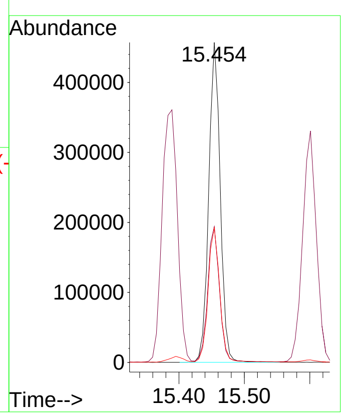


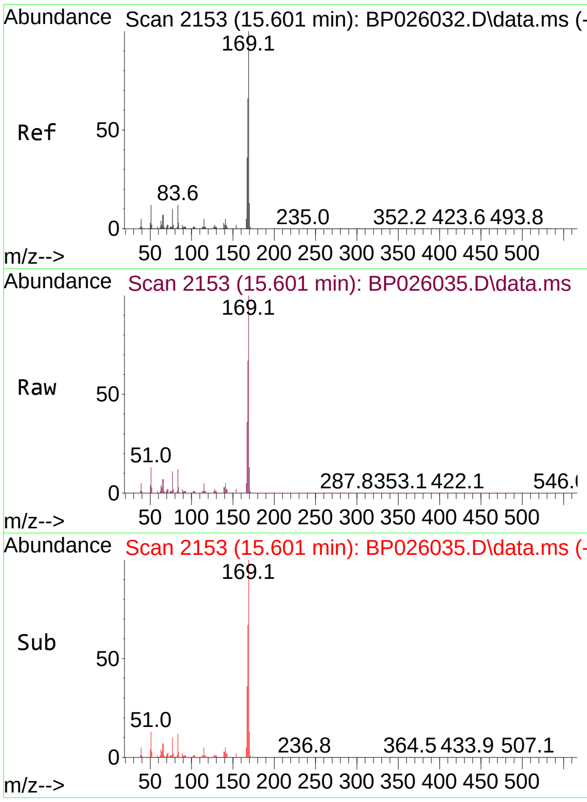


#65
4,6-Dinitro-2-methylphenol
Concen: 78.914 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:198 Resp: 556384

Ion	Ratio	Lower	Upper
198	100		
51	42.4	25.2	65.2
105	42.1	23.7	63.7

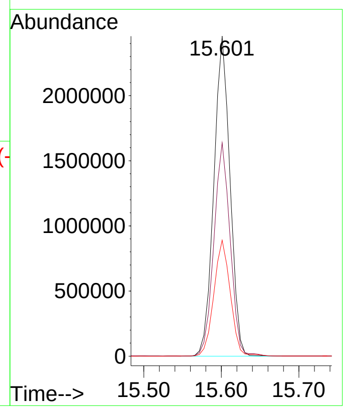




#66
n-Nitrosodiphenylamine
Concen: 78.206 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:169 Resp: 3556221

Ion	Ratio	Lower	Upper
169	100		
168	66.7	52.9	79.3
167	36.2	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
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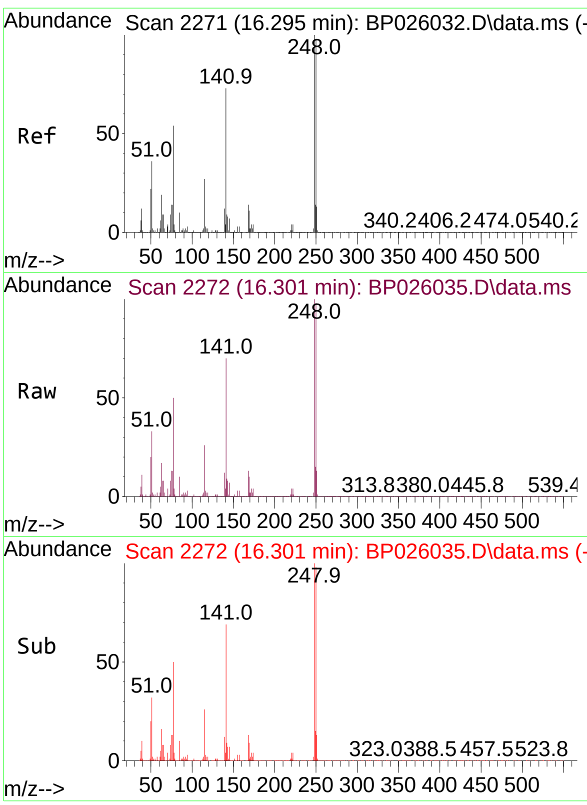
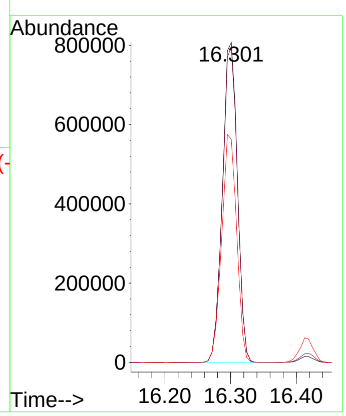


#67
4-Bromophenyl-phenylether
Concen: 80.020 ng
RT: 16.301 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:248 Resp: 1290917

Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.4	117.6
141	69.7	58.3	87.5



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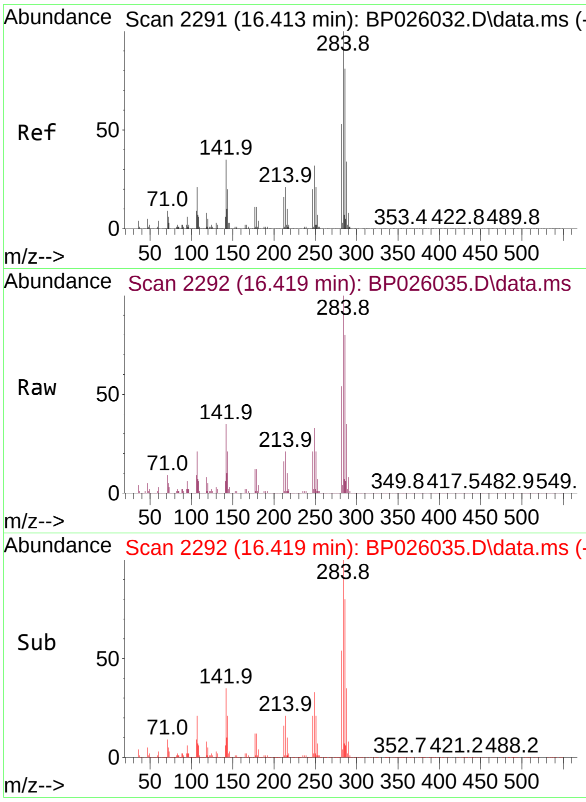
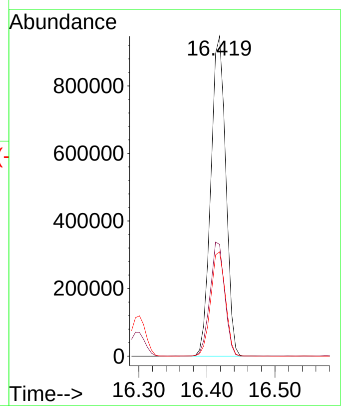


#68
Hexachlorobenzene
Concen: 78.359 ng
RT: 16.419 min Scan# 22
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:284 Resp: 143906

Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.7	41.5
249	32.6	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
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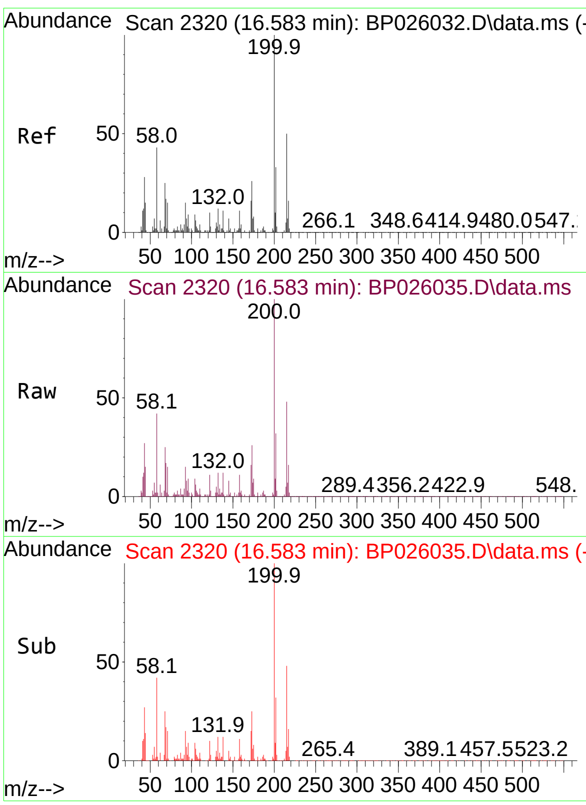
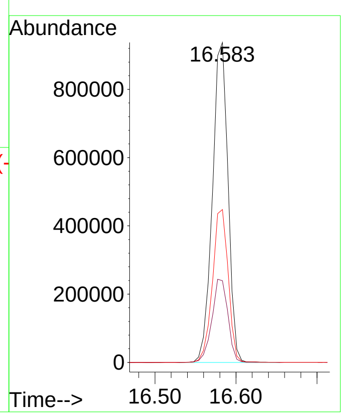
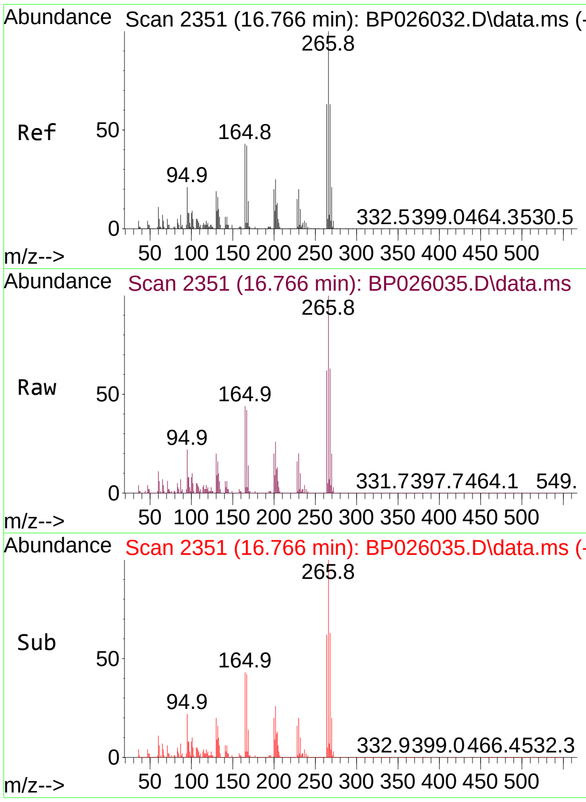


#69
Atrazine
Concen: 81.924 ng
RT: 16.583 min Scan# 2320
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:200 Resp: 1256682

Ion	Ratio	Lower	Upper
200	100		
173	25.5	6.2	46.2
215	47.8	29.8	69.8





#70
Pentachlorophenol
Concen: 88.261 ng
RT: 16.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:266 Resp: 99009

Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.6	76.0
264	62.1	50.2	75.4

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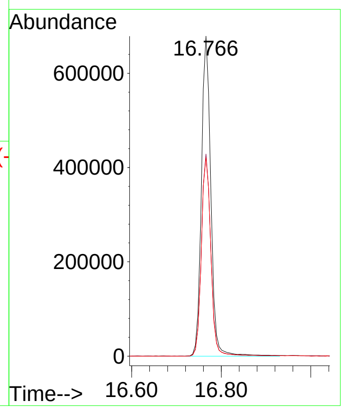
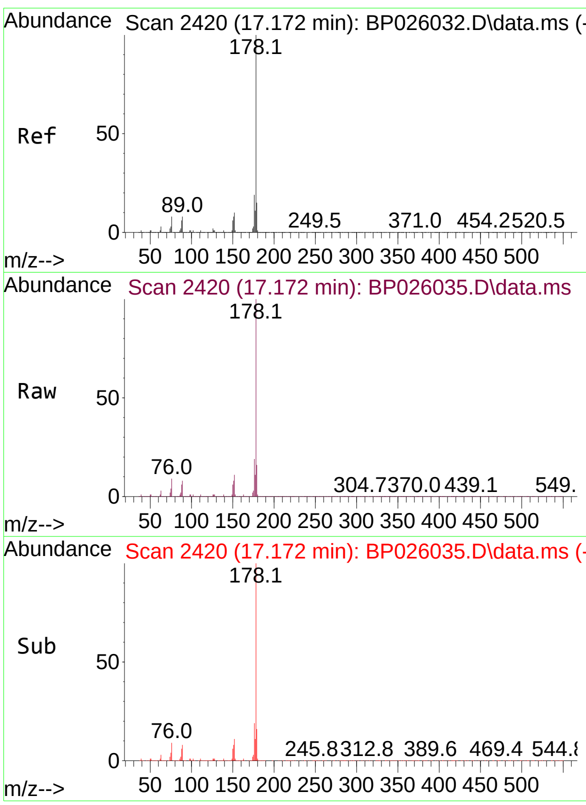
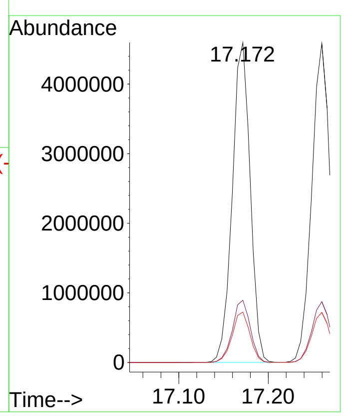


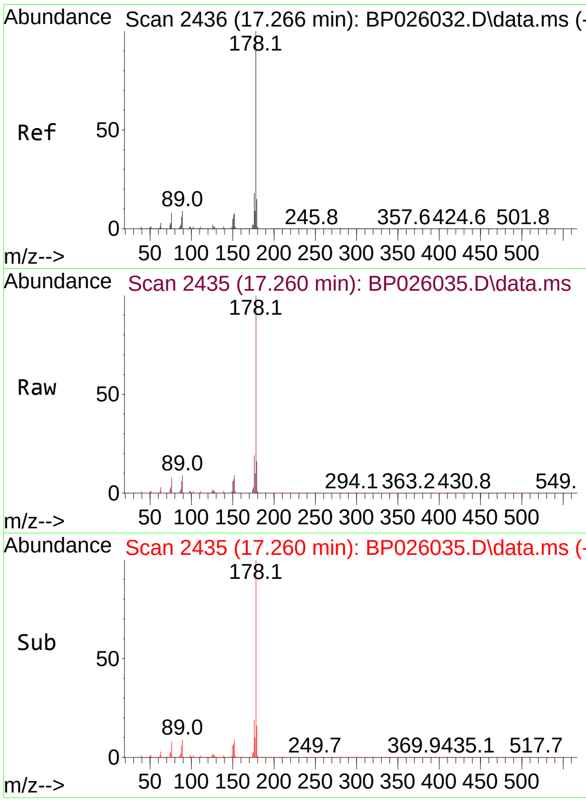


#71
Phenanthrene
Concen: 75.907 ng
RT: 17.172 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:178 Resp: 6425576

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.7	12.3	18.5





#72
Anthracene
Concen: 77.318 ng
RT: 17.260 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 6487799

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.8	22.2
179	15.7	12.2	18.4

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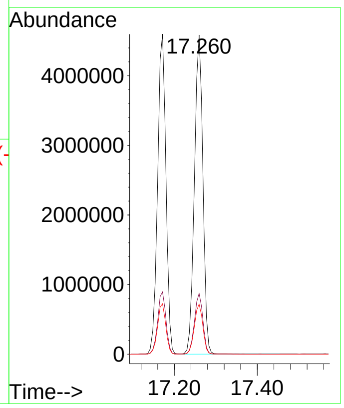
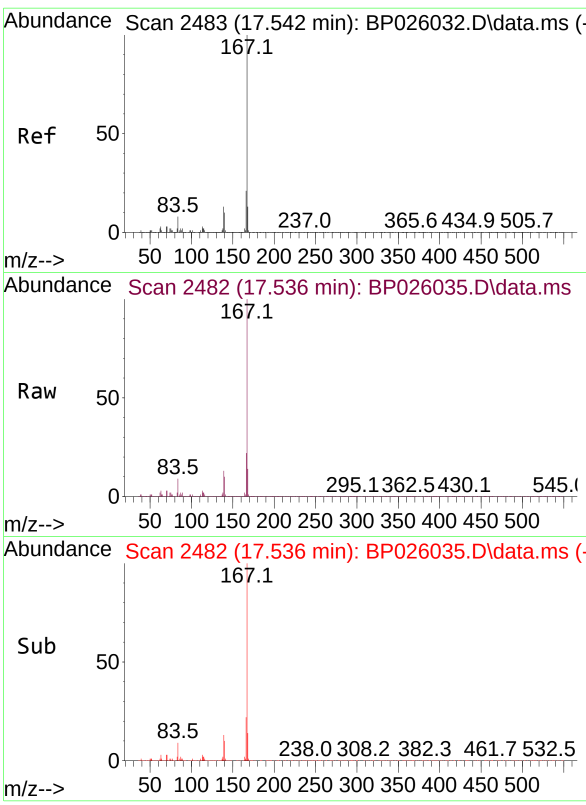
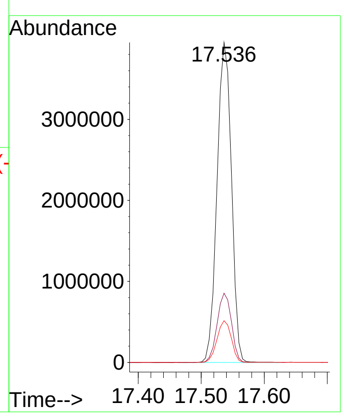


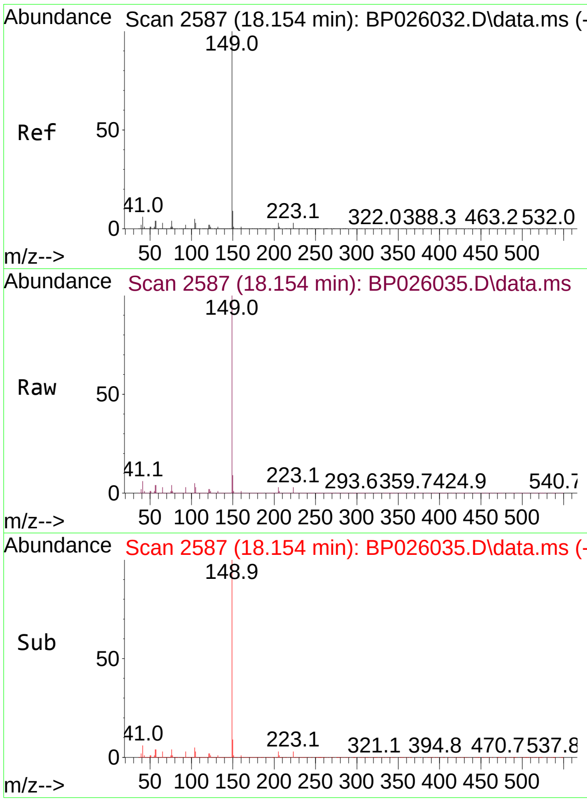


#73
Carbazole
Concen: 78.943 ng
RT: 17.536 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:167 Resp: 6270446

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.0	10.2	15.2





#74
Di-n-butylphthalate
Concen: 81.950 ng
RT: 18.154 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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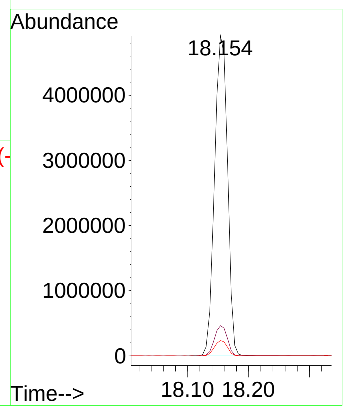
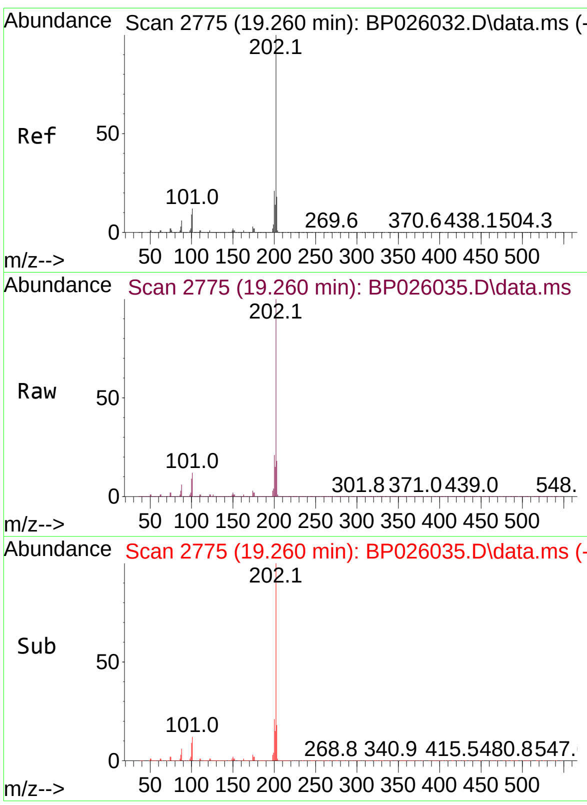
Tgt Ion:149 Resp: 728361

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	4.8	3.8	5.6

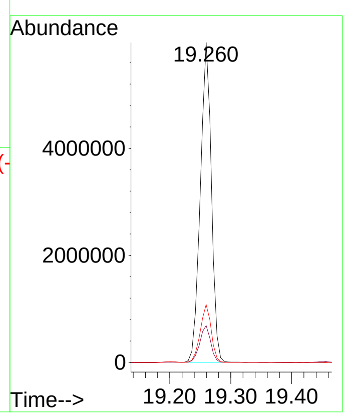




#75
Fluoranthene
Concen: 76.268 ng
RT: 19.260 min Scan# 2775
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:202 Resp: 7531112

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.1
203	18.1	0.0	37.6



Instrument : BNA_P
ClientSampleId : SSTDICC080

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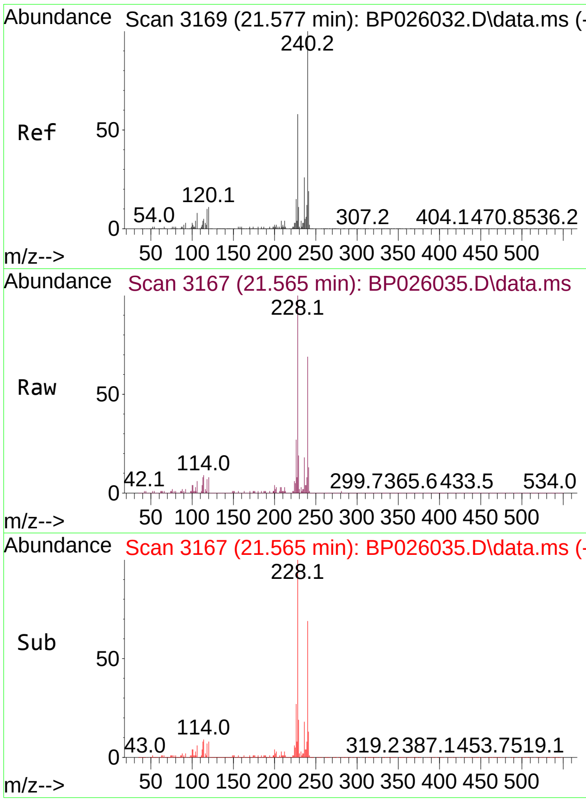
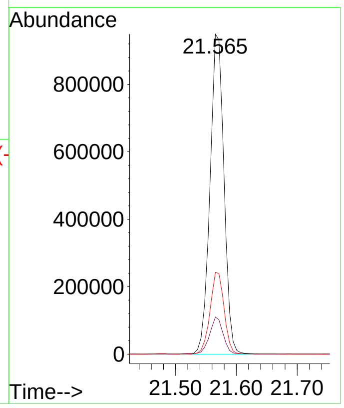
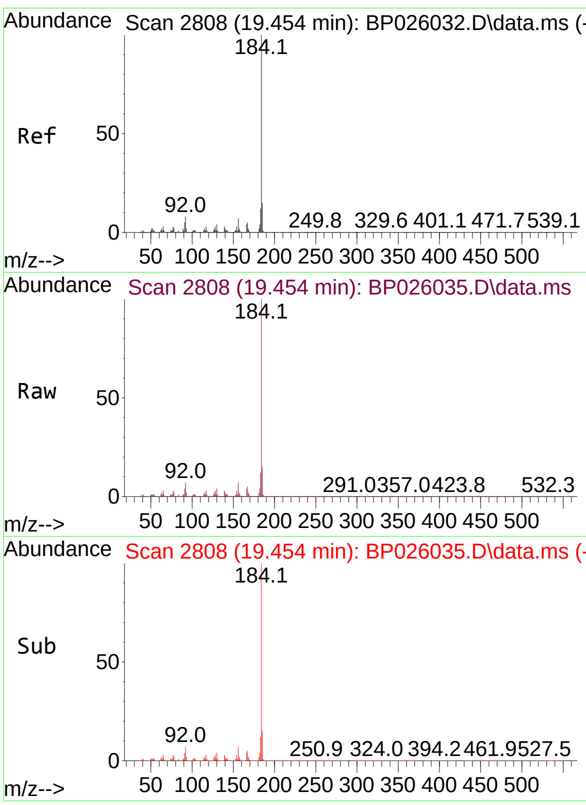


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:240 Resp: 151801

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.9	13.3
236	25.6	20.6	31.0

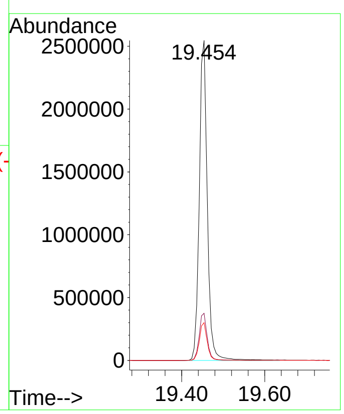


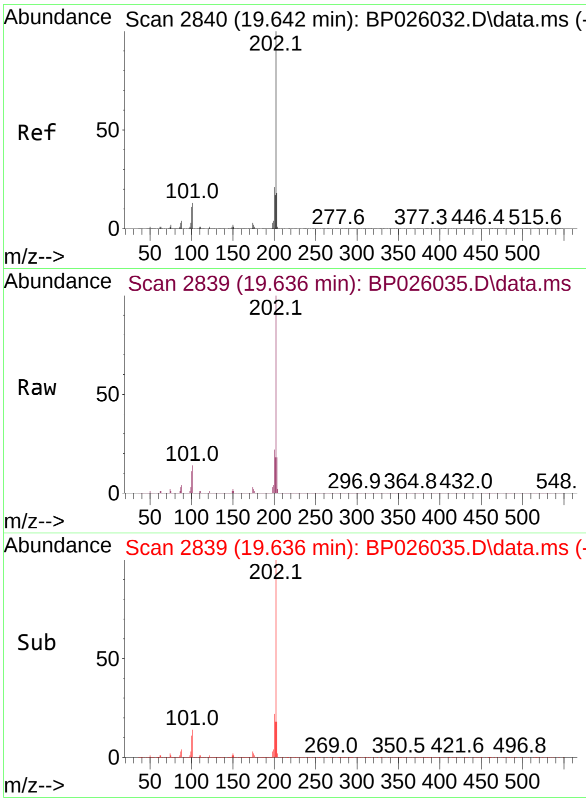


#77
Benzidine
Concen: 88.260 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:184 Resp: 3400762

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.9	17.9
183	11.8	9.2	13.8





#78
Pyrene
Concen: 77.487 ng
RT: 19.636 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:202 Resp: 7955581

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.6	25.0
203	18.0	14.0	21.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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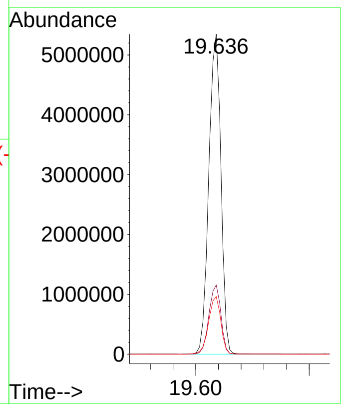
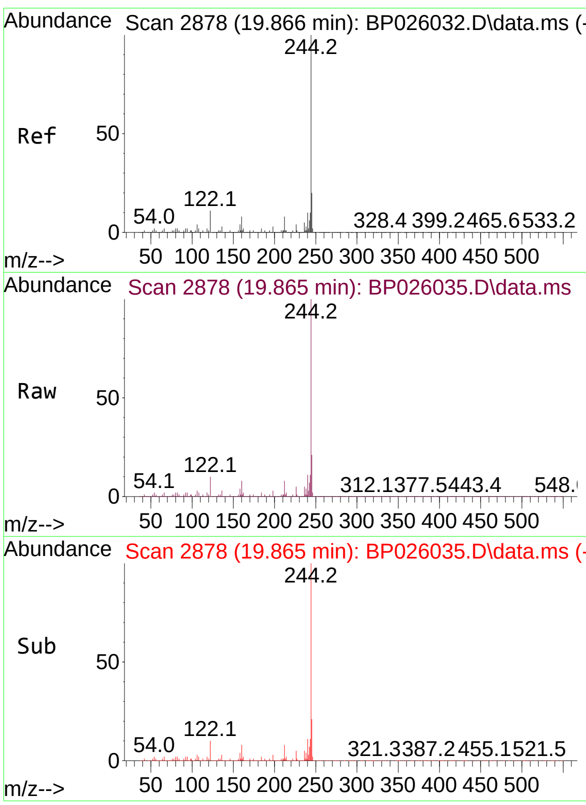
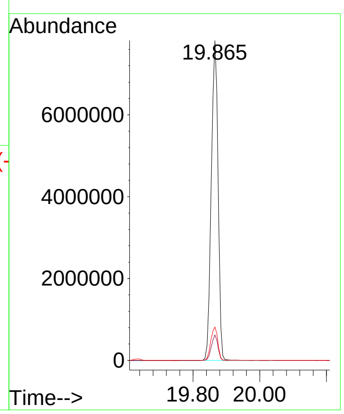




#79
Terphenyl-d14
Concen: 147.627 ng
RT: 19.865 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:244 Resp:11030199

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	10.4	9.0	13.6



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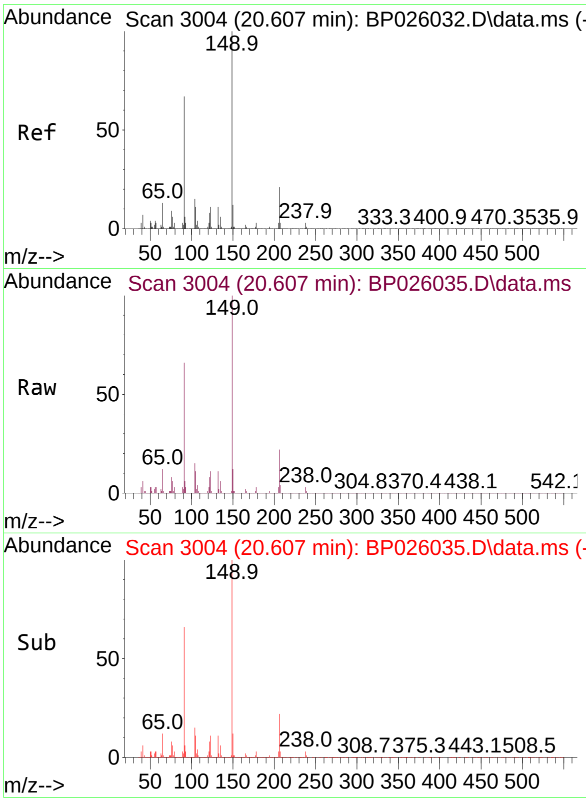
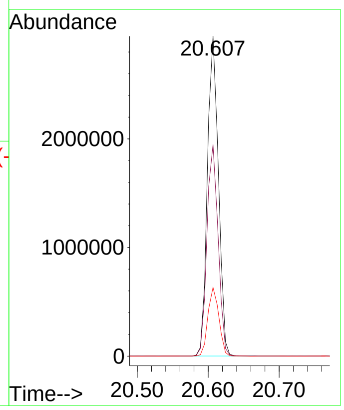


#80
Butylbenzylphthalate
Concen: 80.010 ng
RT: 20.607 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:149 Resp: 316039

Ion	Ratio	Lower	Upper
149	100		
91	66.1	53.5	80.3
206	21.5	16.6	25.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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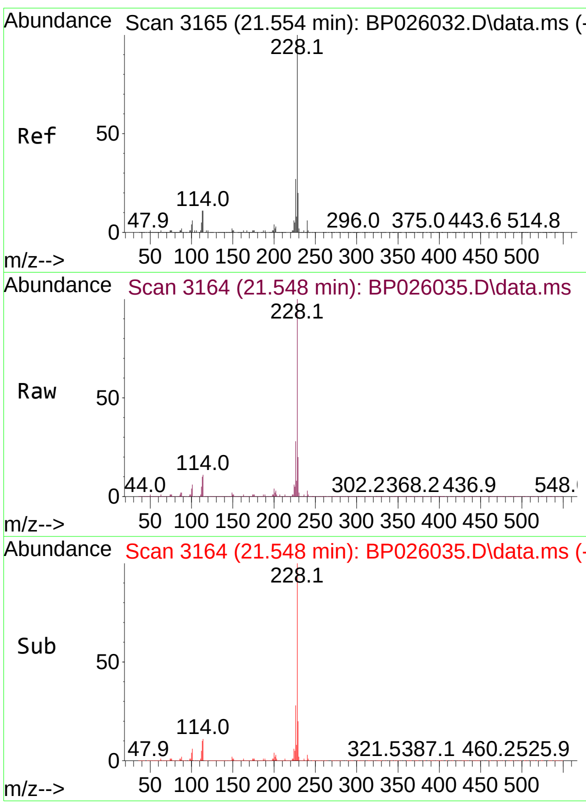
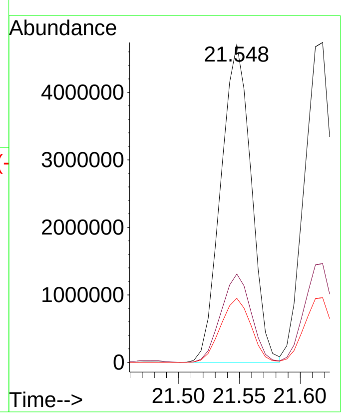


#81
Benzo(a)anthracene
Concen: 78.602 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:228 Resp: 8199298

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.7	32.5
229	20.1	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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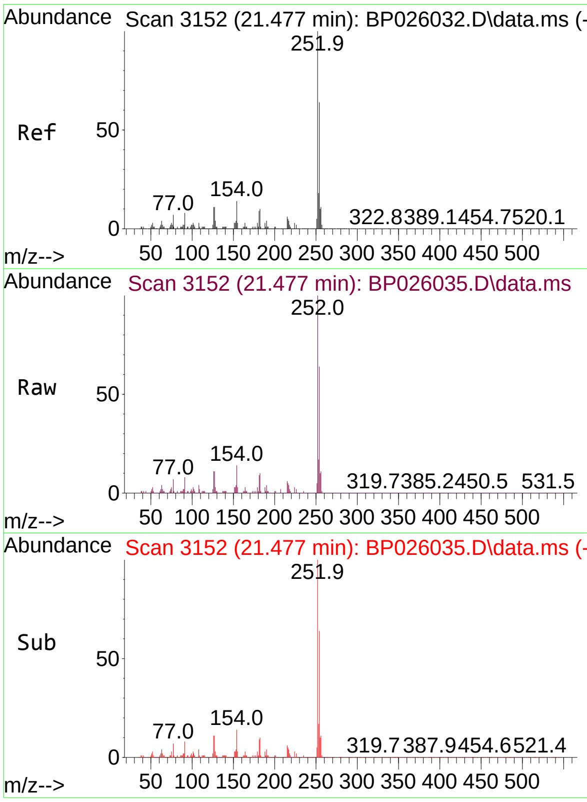
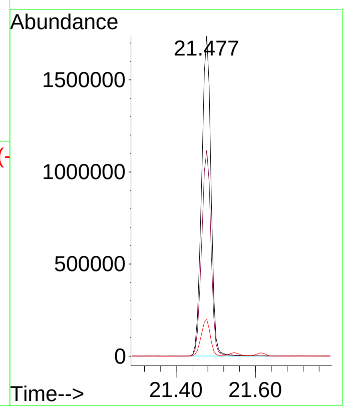
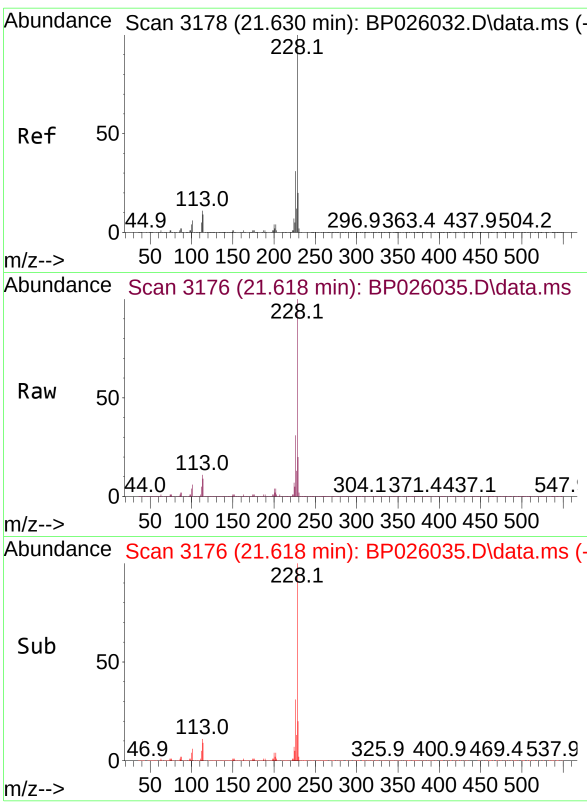


#82
3,3'-Dichlorobenzidine
Concen: 84.414 ng
RT: 21.477 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:252 Resp: 283710

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.3	76.9
126	11.5	9.1	13.7

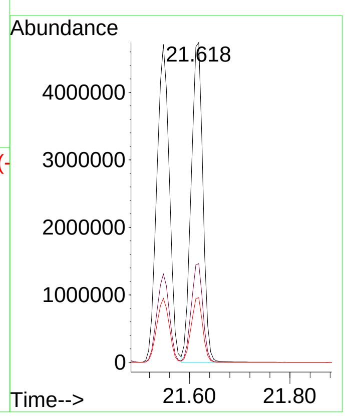




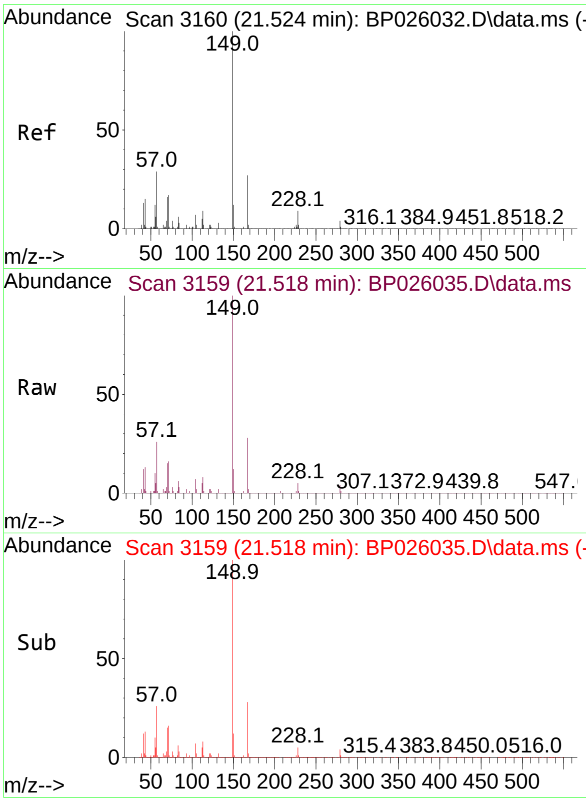
#83
Chrysene
Concen: 77.890 ng
RT: 21.618 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:228 Resp: 7696535

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	20.2	16.0	24.0



ICAL Form



#84
Bis(2-ethylhexyl)phthalate
Concen: 77.525 ng
RT: 21.518 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

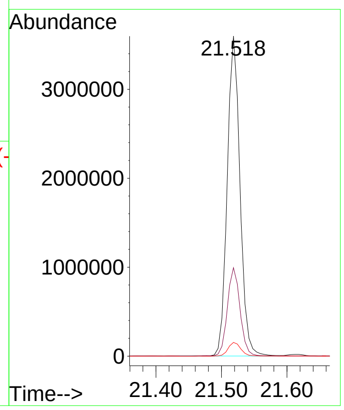
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

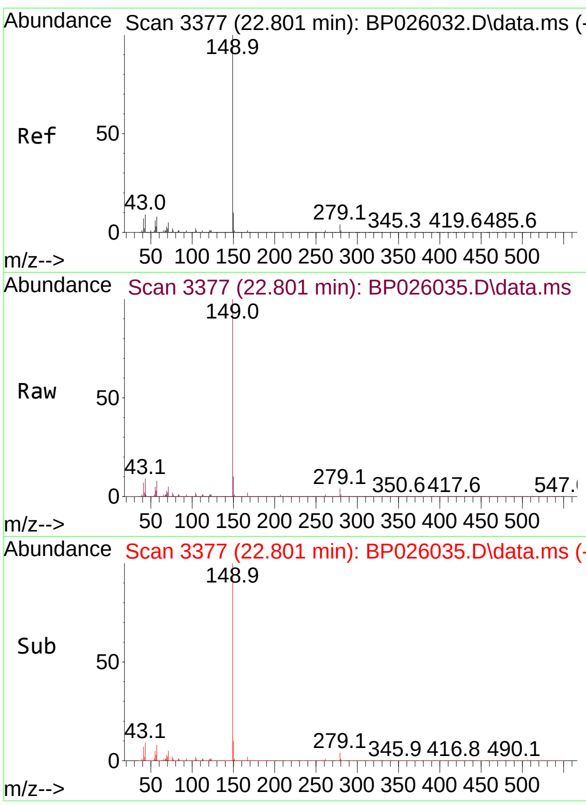
Tgt Ion:149 Resp: 490353

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.5	32.3
279	4.3	3.0	4.6

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

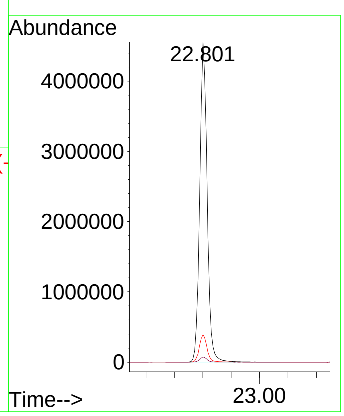


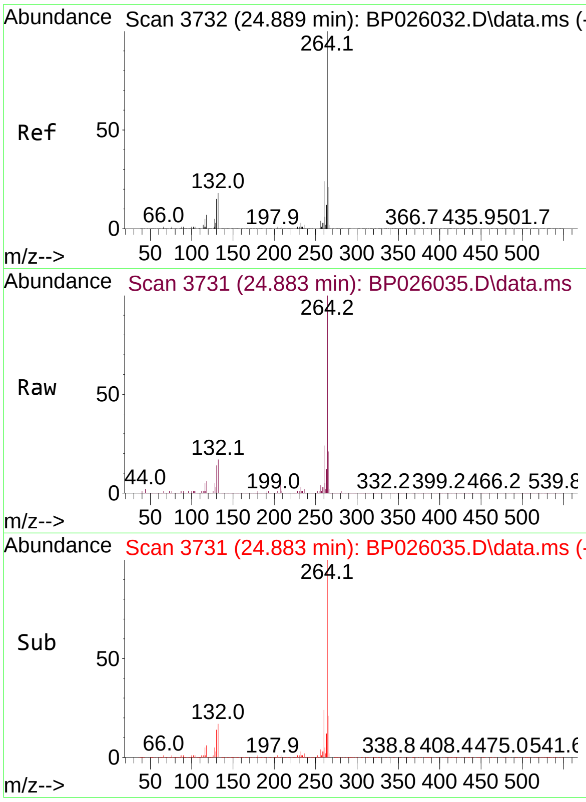


#85
Di-n-octyl phthalate
Concen: 91.682 ng
RT: 22.801 min Scan# 3377
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:149 Resp: 8284794

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.0	7.6	11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.883 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

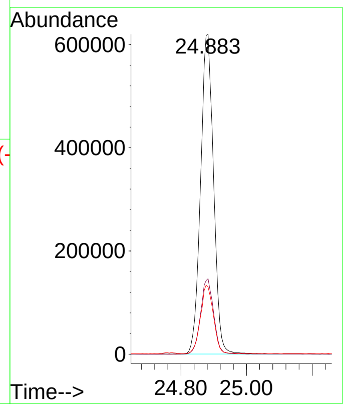
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

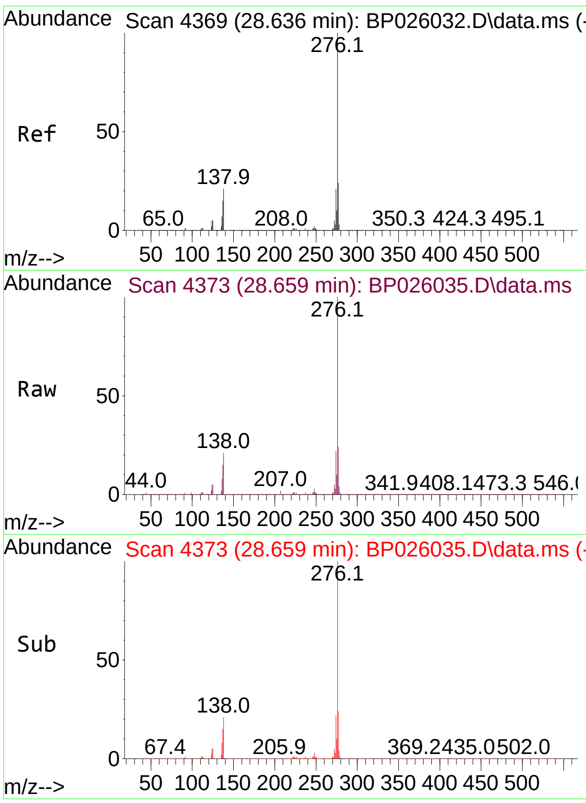
Tgt Ion:264 Resp: 1693006

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.0	17.2	25.8

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

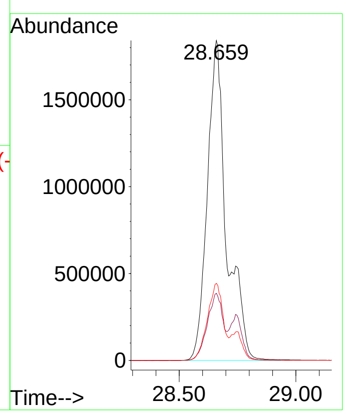




#87
Indeno(1,2,3-cd)pyrene
Concen: 84.304 ng m
RT: 28.659 min Scan# 4373
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:276 Resp:10532958

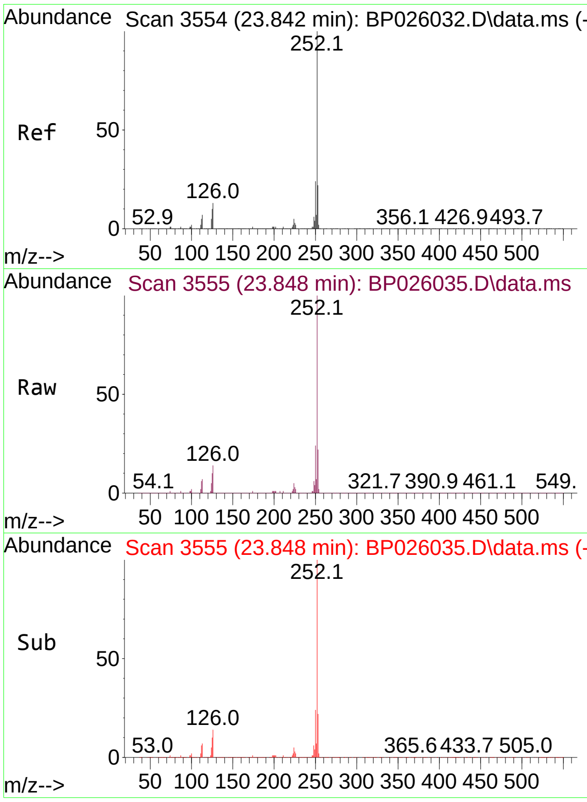
Ion	Ratio	Lower	Upper
276	100		
138	17.3	13.2	19.8
277	19.7	16.3	24.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

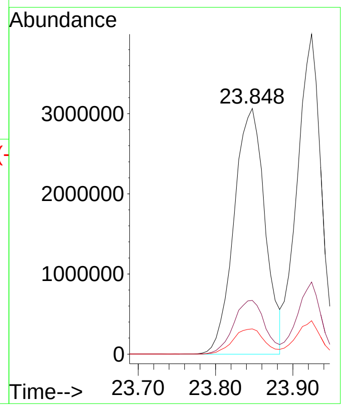
Manual Integrations APPROVED

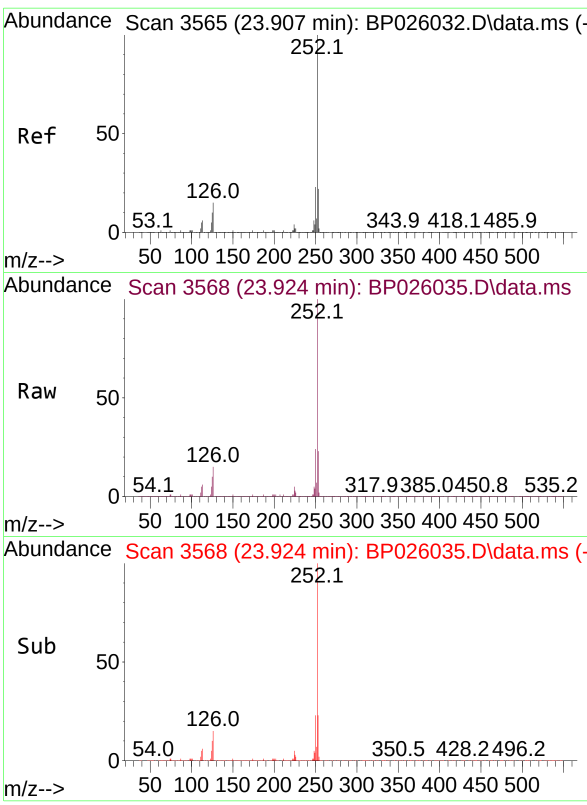
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025




```
#88
Benzo(b)fluoranthene
Concen:   81.284 ng
RT:  23.848 min  Scan# 35
Delta R.T.  0.000 min
Lab File:   BP026035.D
Acq: 29 Oct 2025  14:13

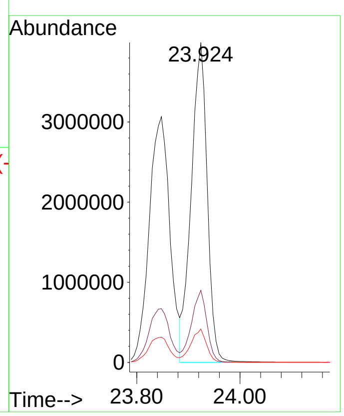
Tgt Ion:252 Resp: 854297
Ion  Ratio  Lower  Upper
252  100
253   21.8   17.6   26.4
125   10.3    8.1   12.1
```






```
#89
Benzo(k)fluoranthene
Concen:   79.943 ng
RT:  23.924 min  Scan# 3568
Delta R.T.  0.000 min
Lab File:   BP026035.D
Acq: 29 Oct 2025  14:13

Tgt Ion:252 Resp: 8579950
Ion  Ratio  Lower  Upper
252  100
253   22.5   17.5   26.3
125   10.4    8.1   12.1
```

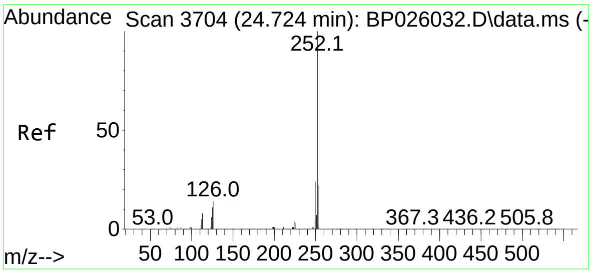


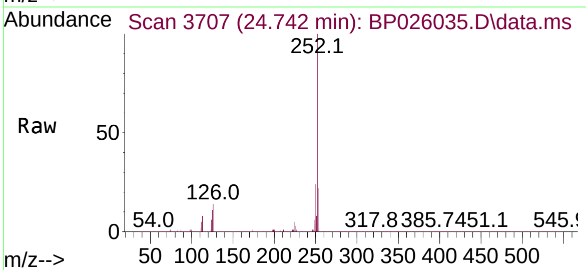
ICAL Form

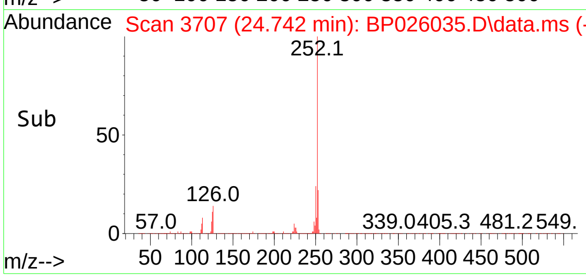
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



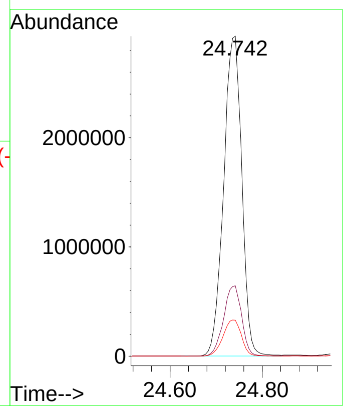


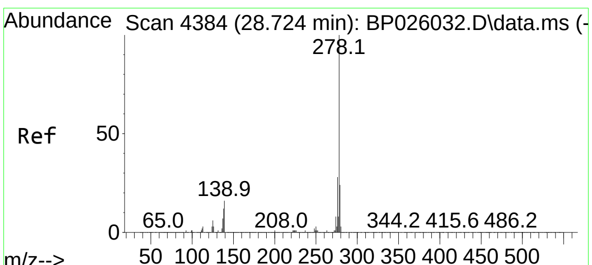


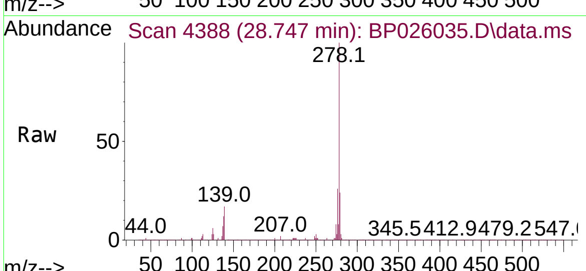
#90
Benzo(a)pyrene
Concen: 83.215 ng
RT: 24.742 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

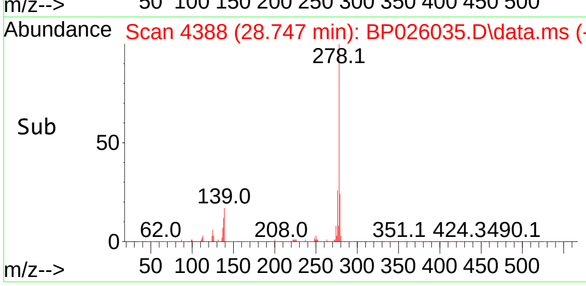
Tgt Ion:252 Resp: 803486

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	11.2	9.1	13.7





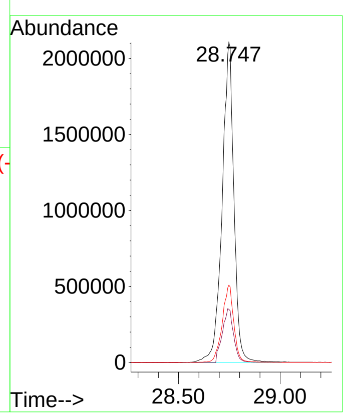




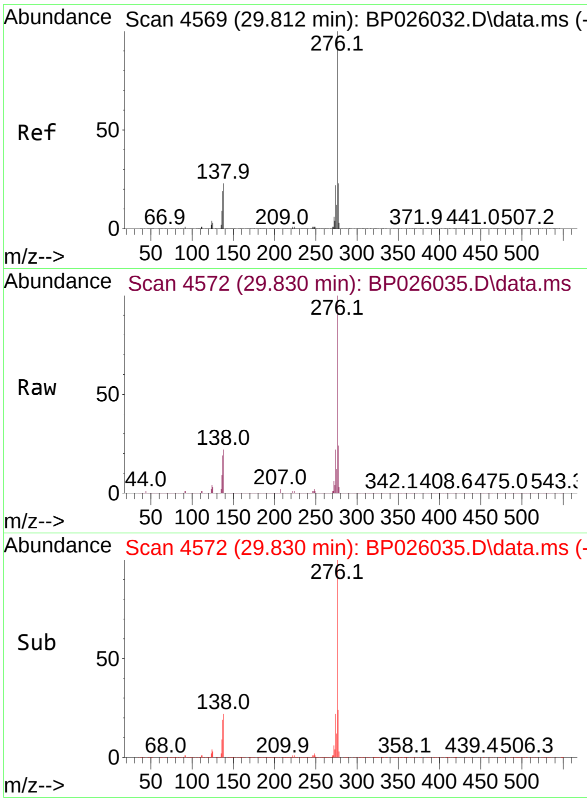
#91
Dibenzo(a,h)anthracene
Concen: 83.540 ng
RT: 28.747 min Scan# 4388
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:278 Resp: 8497246

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.0	19.6
279	24.2	18.9	28.3



ICAL Form



#92
Benzo(g,h,i)perylene
Concen: 83.299 ng
RT: 29.830 min Scan# 45
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

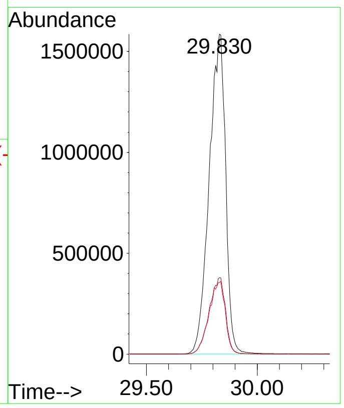
Tgt Ion:276 Resp: 8153149

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	22.4	18.1	27.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.637	152	281938	20.000	ng	-0.05
21) Naphthalene-d8	10.413	136	1165829	20.000	ng	-0.04
39) Acenaphthene-d10	14.313	164	734180	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1529844	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1603754	20.000	ng	0.01
86) Perylene-d12	24.901	264	1688986	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.249	112	1169189	68.429	ng	-0.05
7) Phenol-d6	6.807	99	1480783	68.090	ng	-0.05
23) Nitrobenzene-d5	8.784	82	1283881	68.652	ng	-0.04
42) 2,4,6-Tribromophenol	15.830	330	577899	72.809	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	3425177	67.037	ng	-0.02
79) Terphenyl-d14	19.871	244	5329468	67.515	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units		Qvalue
2) 1,4-Dioxane	3.214	88	239880	33.303	ng		100
3) Pyridine	3.590	79	668959	32.670	ng		99
4) n-Nitrosodimethylamine	3.508	42	288399	35.142	ng		97
6) Aniline	6.972	93	1040197	35.839	ng		100
8) 2-Chlorophenol	7.202	128	654572	34.596	ng		97
9) Benzaldehyde	6.784	77	520334m	46.027	ng		
10) Phenol	6.831	94	816366	33.813	ng		99
11) bis(2-Chloroethyl)ether	7.066	93	645531	33.880	ng		99
12) 1,3-Dichlorobenzene	7.531	146	750462	34.538	ng		99
13) 1,4-Dichlorobenzene	7.678	146	771097	35.099	ng		98
14) 1,2-Dichlorobenzene	7.990	146	735657	35.092	ng		99
15) Benzyl Alcohol	7.866	79	551625	35.185	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.172	45	965445	33.526	ng		98
17) 2-Methylphenol	8.078	107	553305	34.998	ng		99
18) Hexachloroethane	8.713	117	259803	34.560	ng		100
19) n-Nitroso-di-n-propyla...	8.443	70	490575	36.340	ng		98
20) 3+4-Methylphenols	8.396	107	753178	34.245	ng		98
22) Acetophenone	8.449	105	1054241	35.756	ng	#	98
24) Nitrobenzene	8.825	77	687636	34.825	ng		98
25) Isophorone	9.343	82	1403746	35.069	ng		100
26) 2-Nitrophenol	9.525	139	257308	36.106	ng		97
27) 2,4-Dimethylphenol	9.584	122	632451	37.573	ng		99
28) bis(2-Chloroethoxy)met...	9.837	93	869155	34.454	ng		99
29) 2,4-Dichlorophenol	10.060	162	614929	34.599	ng		99
30) 1,2,4-Trichlorobenzene	10.278	180	684636	35.441	ng		97
31) Naphthalene	10.466	128	2154430	33.888	ng		100
32) Benzoic acid	9.690	122	351760	37.646	ng		98
33) 4-Chloroaniline	10.566	127	949777	38.877	ng		99
34) Hexachlorobutadiene	10.760	225	415865	33.876	ng		99
35) Caprolactam	11.319	113	217407	34.833	ng		96
36) 4-Chloro-3-methylphenol	11.695	107	646328	34.690	ng		98
37) 2-Methylnaphthalene	12.084	142	1378858	30.988	ng		99
38) 1-Methylnaphthalene	12.319	142	1423665	32.934	ng		100
40) 1,2,4,5-Tetrachloroben...	12.460	216	786568	34.481	ng		100
41) Hexachlorocyclopentadiene	12.448	237	393924	47.197	ng		99
43) 2,4,6-Trichlorophenol	12.701	196	489212	36.282	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	543516	35.326	ng	96
46) 1,1'-Biphenyl	13.113	154	1971667	35.073	ng	100
47) 2-Chloronaphthalene	13.154	162	1471874	33.277	ng	98
48) 2-Nitroaniline	13.354	65	374554	33.821	ng	99
49) Acenaphthylene	14.031	152	2509218	38.923	ng	100
50) Dimethylphthalate	13.760	163	1875076	35.112	ng	100
51) 2,6-Dinitrotoluene	13.866	165	367251	37.528	ng	96
52) Acenaphthene	14.378	154	1458746	32.961	ng	99
53) 3-Nitroaniline	14.195	138	425192	36.037	ng	97
54) 2,4-Dinitrophenol	14.413	184	126516	36.040	ng	97
55) Dibenzofuran	14.719	168	2269310	33.938	ng	99
56) 4-Nitrophenol	14.507	139	348249	32.703	ng	97
57) 2,4-Dinitrotoluene	14.678	165	499801	35.013	ng	100
58) Fluorene	15.378	166	1851395	35.342	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.942	232	474164	39.197	ng	99
60) Diethylphthalate	15.166	149	1879900	35.015	ng	99
61) 4-Chlorophenyl-phenyle...	15.389	204	887559	33.928	ng	99
62) 4-Nitroaniline	15.395	138	432391	37.891	ng	98
63) Azobenzene	15.689	77	1705483	35.051	ng	99
65) 4,6-Dinitro-2-methylph...	15.454	198	200079	35.409	ng	93
66) n-Nitrosodiphenylamine	15.601	169	1610105	33.661	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	556621	32.800	ng	98
68) Hexachlorobenzene	16.419	284	633716	32.804	ng	99
69) Atrazine	16.583	200	598775	37.108	ng	97
70) Pentachlorophenol	16.760	266	397848	33.716	ng	99
71) Phenanthrene	17.166	178	2914044	32.726	ng	100
72) Anthracene	17.260	178	2948850	33.409	ng	100
73) Carbazole	17.536	167	2792407	33.421	ng	100
74) Di-n-butylphthalate	18.154	149	3284045	35.126	ng	100
75) Fluoranthene	19.266	202	3440878	33.126	ng	99
77) Benzidine	19.454	184	1960099	48.151	ng	100
78) Pyrene	19.642	202	3569948	32.912	ng	99
80) Butylbenzylphthalate	20.613	149	1317625	33.630	ng	98
81) Benzo(a)anthracene	21.560	228	3642485	33.052	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	1322765	37.253	ng	100
83) Chrysene	21.624	228	3395520	32.526	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	2128720	33.750	ng	99
85) Di-n-octyl phthalate	22.818	149	3214231	33.668	ng	99
87) Indeno(1,2,3-cd)pyrene	28.671	276	4151592m	33.295	ng	
88) Benzo(b)fluoranthene	23.848	252	3575209	34.098	ng	99
89) Benzo(k)fluoranthene	23.930	252	3681173	34.381	ng	100
90) Benzo(a)pyrene	24.742	252	3373695	35.024	ng	99
91) Dibenzo(a,h)anthracene	28.765	278	3437827	33.879	ng	99
92) Benzo(g,h,i)perylene	29.836	276	3306526	33.862	ng	99

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

Quantitation Report (QT Reviewed)

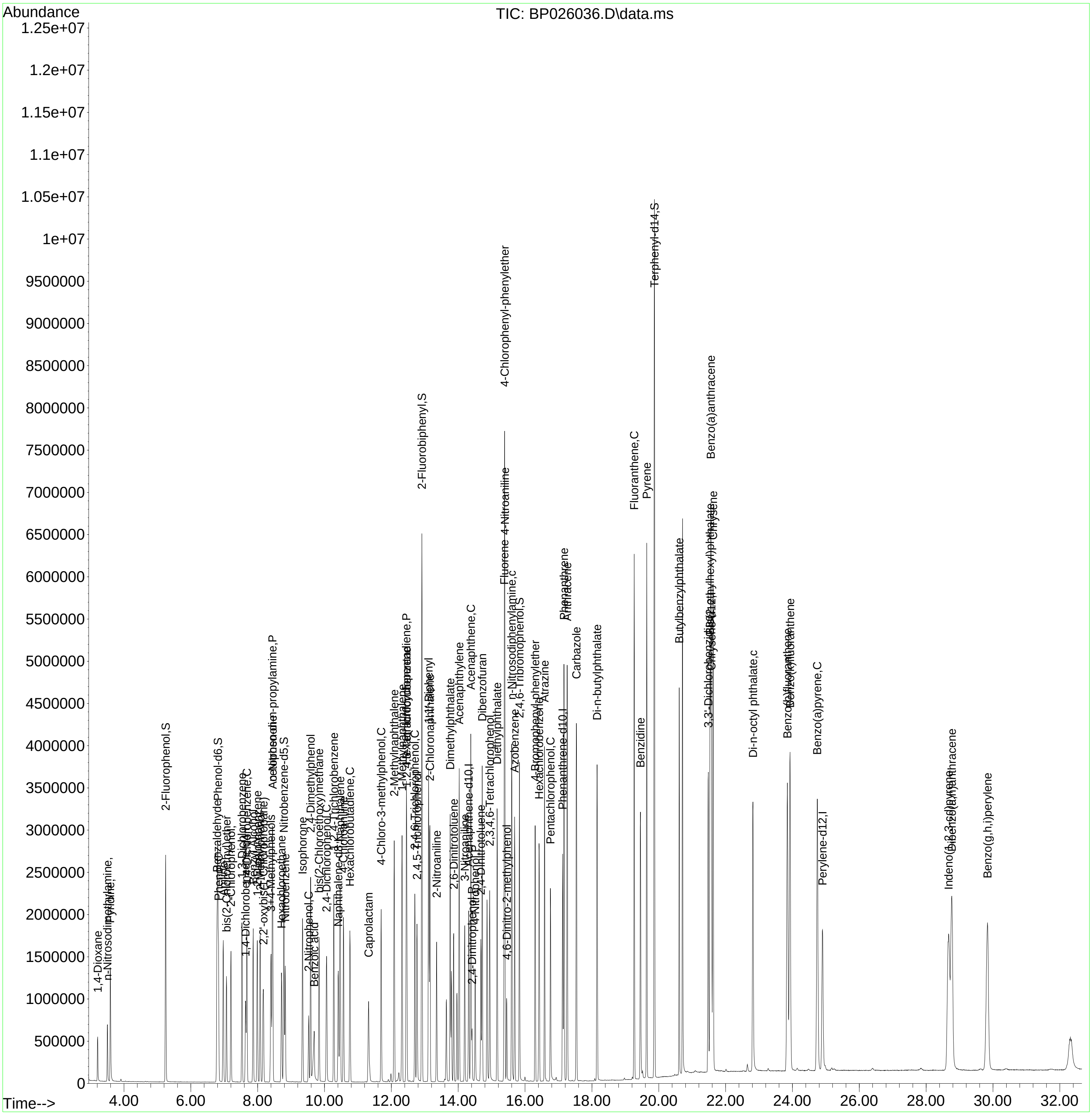
ICAL Form

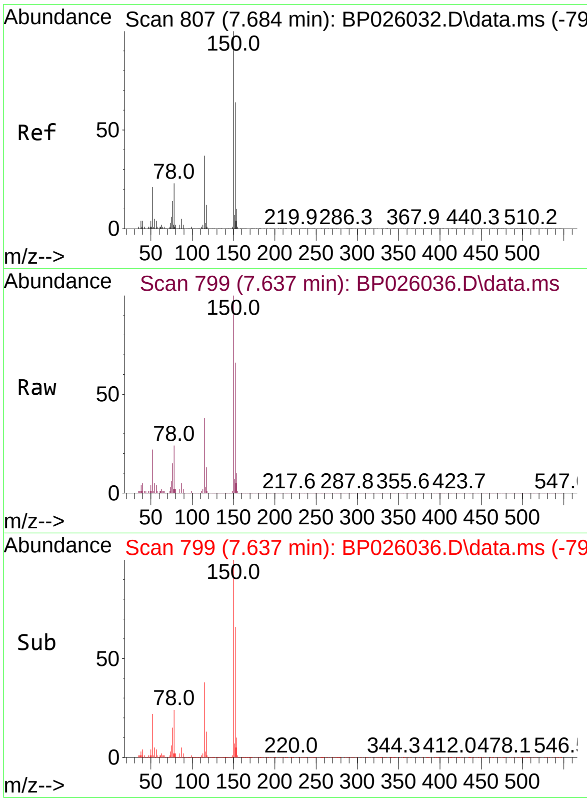
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.637 min Scan# 79
Delta R.T. -0.053 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

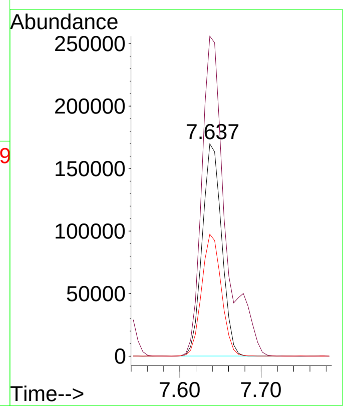
Tgt Ion:152 Resp: 281938

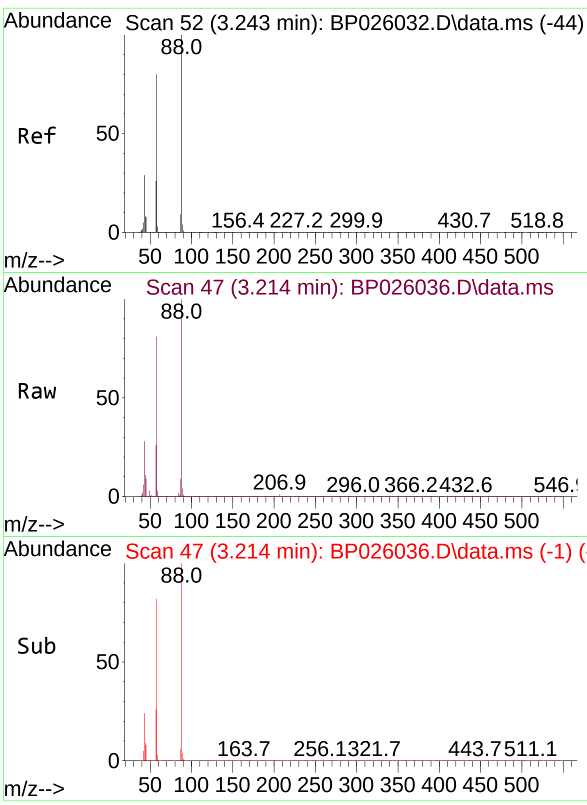
Ion	Ratio	Lower	Upper
152	100		
150	150.8	125.7	188.5
115	57.4	46.4	69.6

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

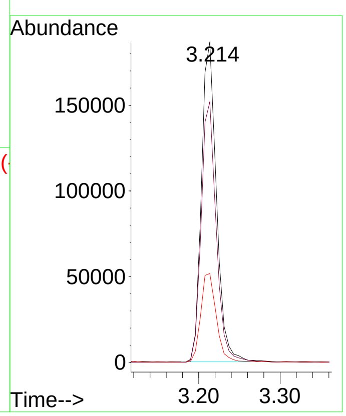




#2
1,4-Dioxane
Concen: 33.303 ng
RT: 3.214 min Scan# 47
Delta R.T. -0.023 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 88 Resp: 239880

Ion	Ratio	Lower	Upper
88	100		
58	81.5	65.4	98.0
43	28.8	23.1	34.7



ICAL Form

Instrument : BNA_P
ClientSampleId : ICVBP102925

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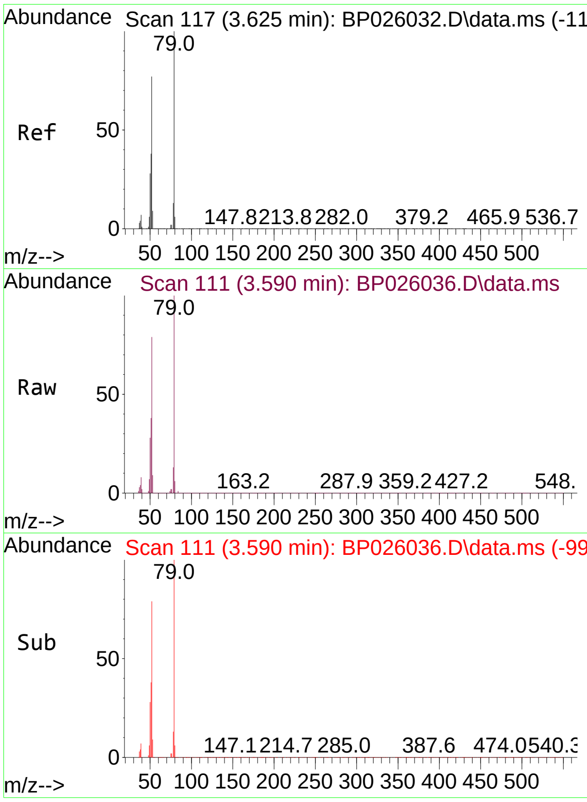
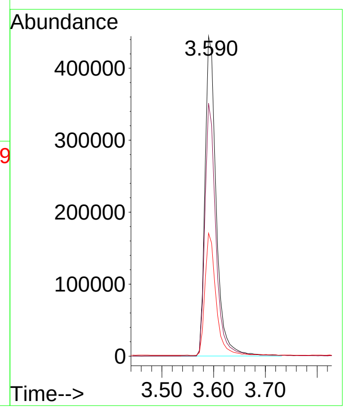
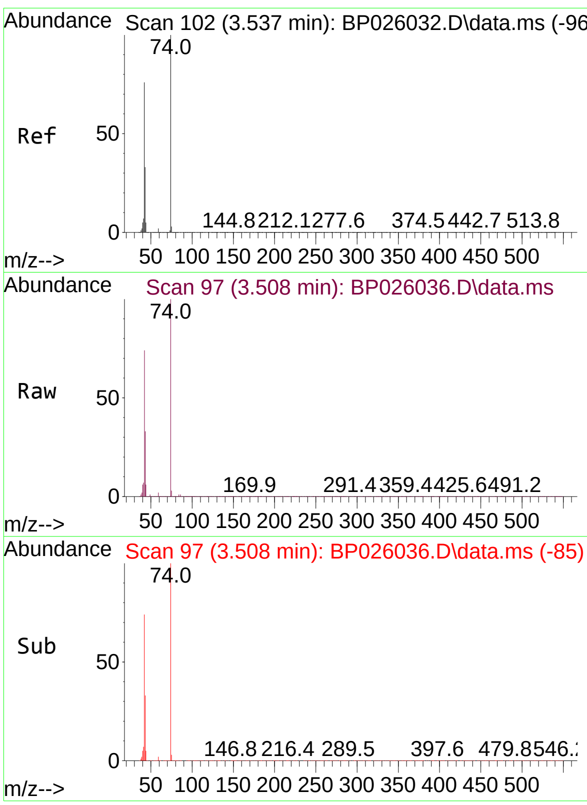


#3
Pyridine
Concen: 32.670 ng
RT: 3.590 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 79 Resp: 66895

Ion	Ratio	Lower	Upper
79	100		
52	79.0	62.0	93.0
51	38.4	30.6	46.0

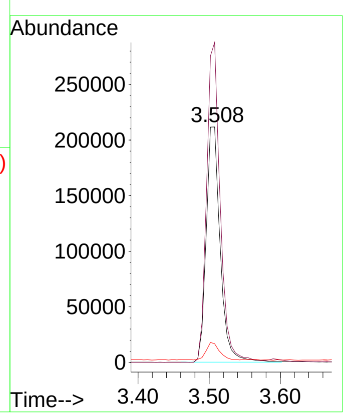




#4
n-Nitrosodimethylamine
Concen: 35.142 ng
RT: 3.508 min Scan# 97
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 42 Resp: 288399

Ion	Ratio	Lower	Upper
42	100		
74	135.9	105.7	158.5
44	8.0	6.6	9.8



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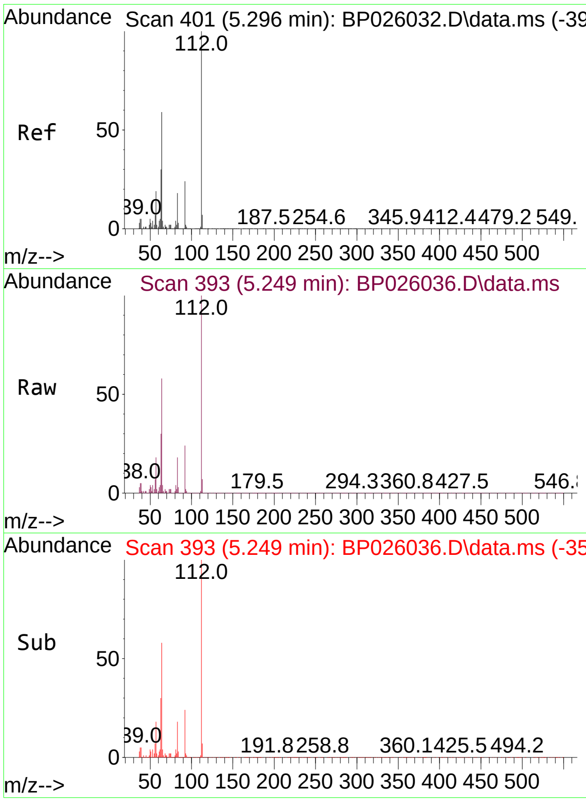

#5
2-Fluorophenol
Concen: 68.429 ng
RT: 5.249 min Scan# 39
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:112 Resp: 116918

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.4	71.2
63	29.5	24.2	36.4

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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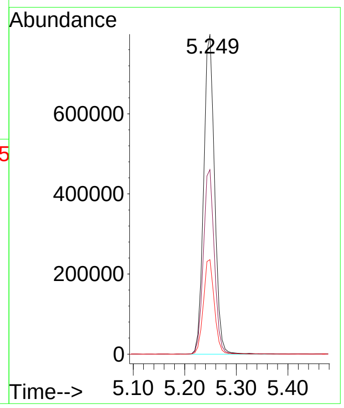
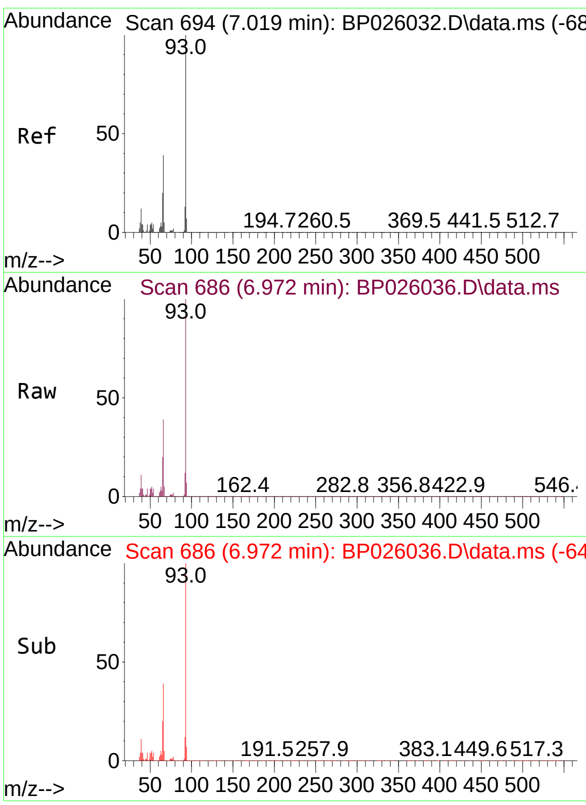
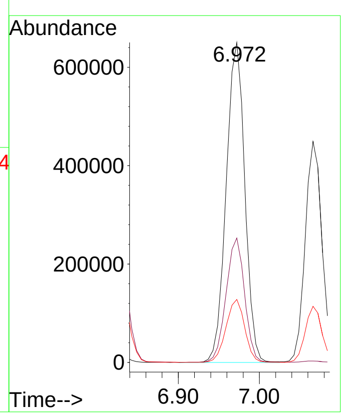




#6
Aniline
Concen: 35.839 ng
RT: 6.972 min Scan# 686
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 93 Resp: 1040197

Ion	Ratio	Lower	Upper
93	100		
66	38.9	31.2	46.8
65	19.7	16.1	24.1



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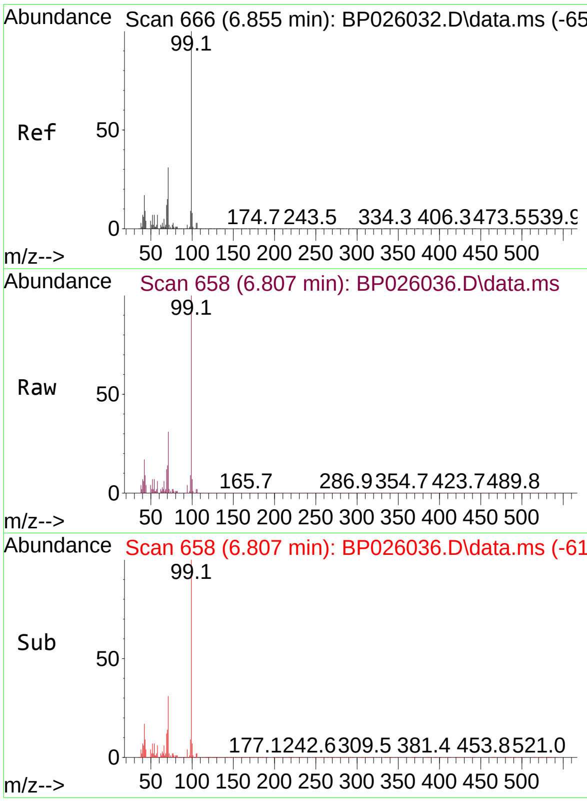

#7
Phenol-d6
Concen: 68.090 ng
RT: 6.807 min Scan# 6
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion: 99 Resp: 148078

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.7	20.5
71	30.7	24.4	36.6

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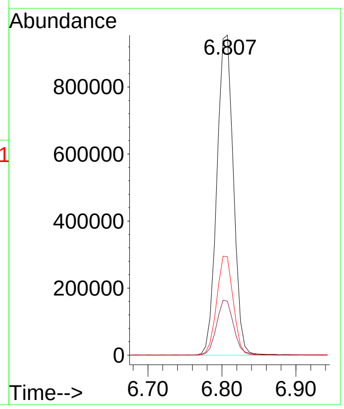
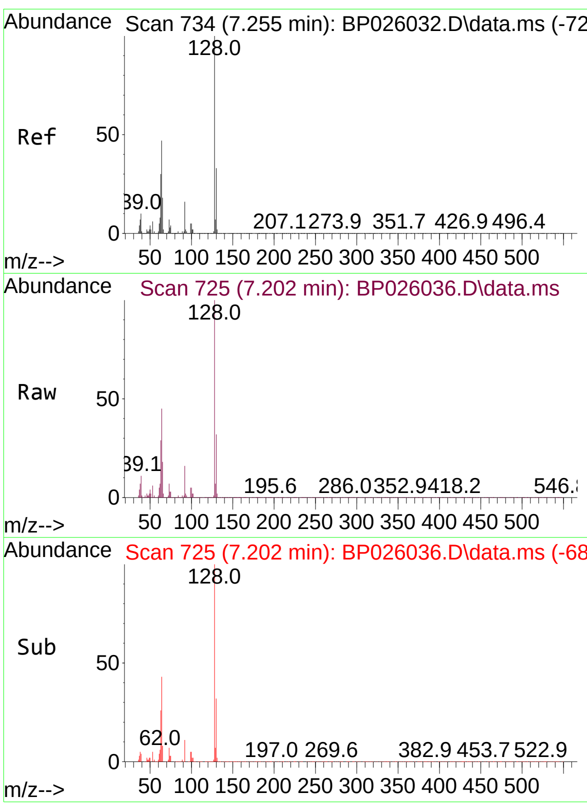
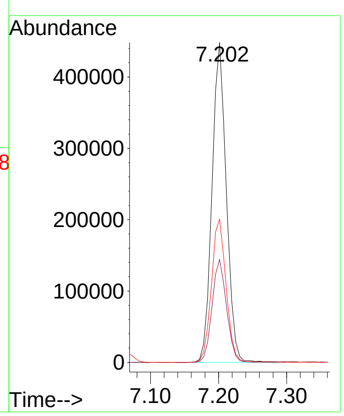




#8
2-Chlorophenol
Concen: 34.596 ng
RT: 7.202 min Scan# 725
Delta R.T. -0.053 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:128 Resp: 654572

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.7	52.7
64	44.7	27.4	67.4



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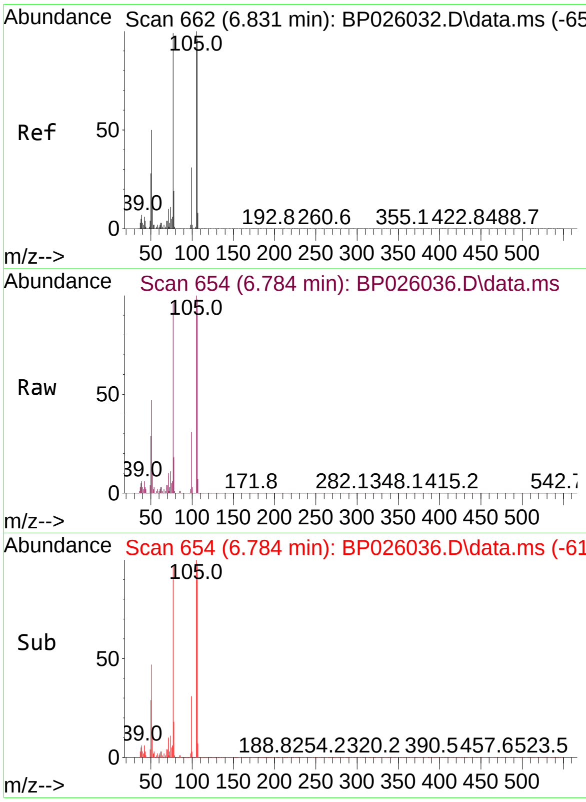
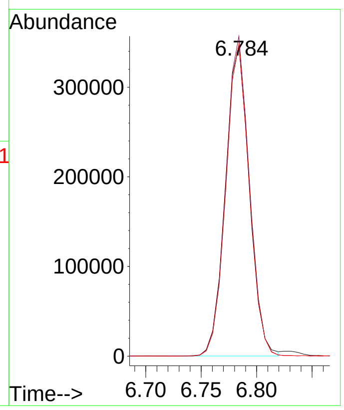


#9
Benzaldehyde
Concen: 46.027 ng m
RT: 6.784 min Scan# 65
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 77 Resp: 520334

Ion	Ratio	Lower	Upper
77	100		
105	102.9	80.7	120.7
106	100.3	76.5	116.5



Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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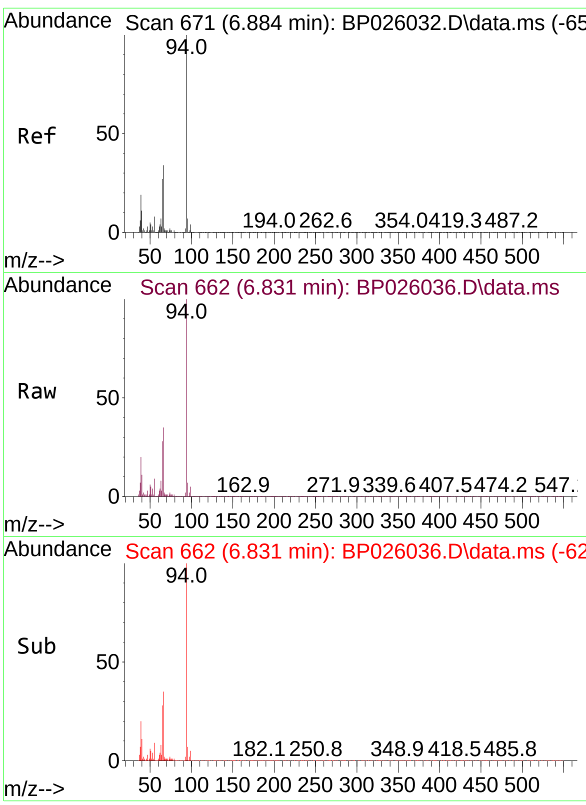
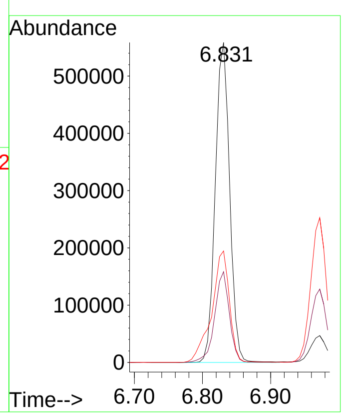


#10
Phenol
Concen: 33.813 ng
RT: 6.831 min Scan# 662
Delta R.T. -0.053 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 94 Resp: 816366

Ion	Ratio	Lower	Upper
94	100		
65	28.3	7.1	47.1
66	34.8	14.4	54.4



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Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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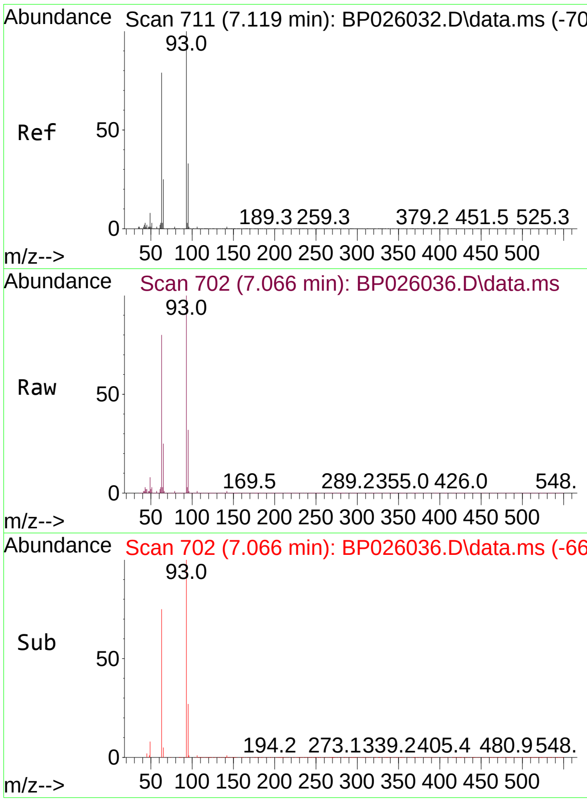
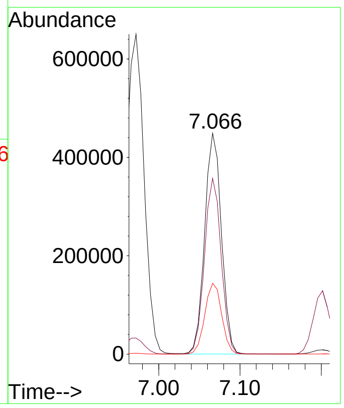
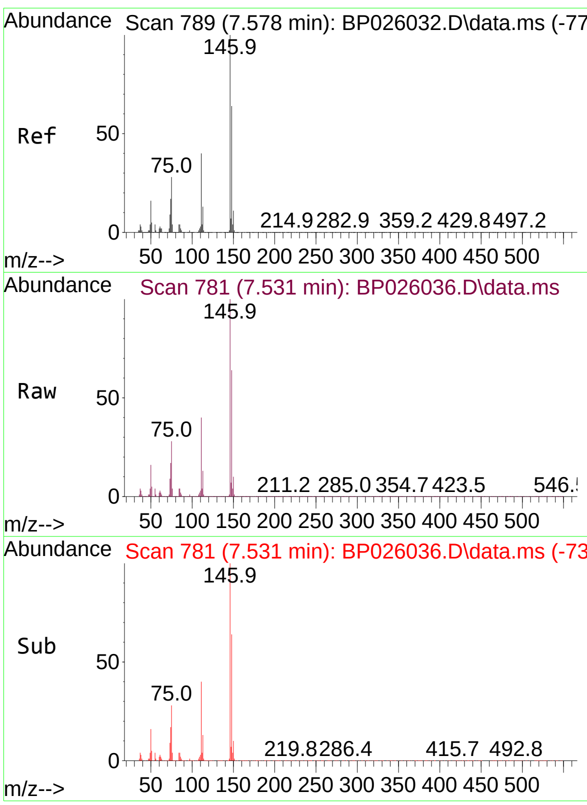



```
#11
bis(2-Chloroethyl)ether
Concen:    33.880 ng
RT:    7.066 min   Scan# 70
Delta R.T.   -0.053 min
Lab File:    BP026036.D
Acq: 29 Oct 2025   16:09

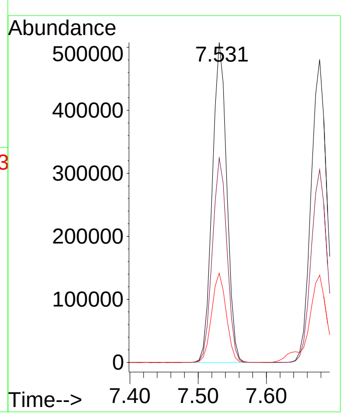
Tgt Ion: 93 Resp:   645531
Ion   Ratio   Lower   Upper
 93   100
 63    79.5    59.1    99.1
 95    32.0    12.6    52.6
```

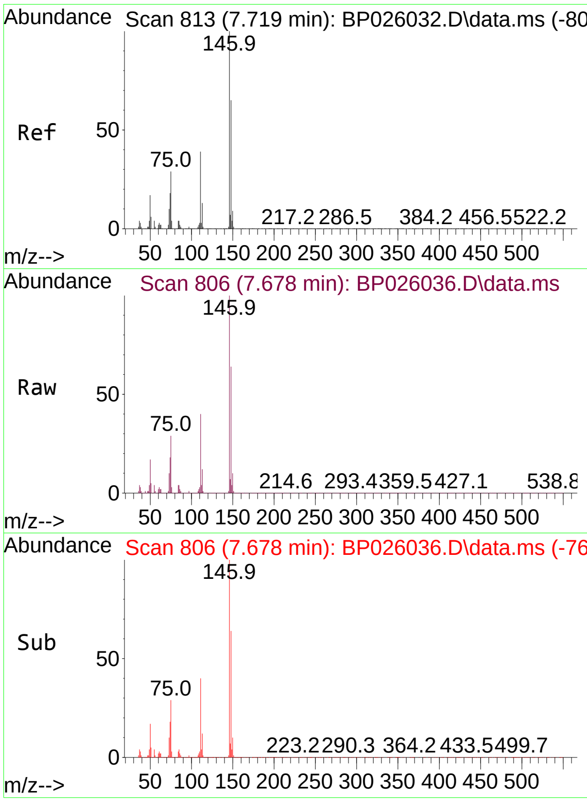





```
#12
1,3-Dichlorobenzene
Concen:    34.538 ng
RT:    7.531 min   Scan# 781
Delta R.T.   -0.047 min
Lab File:    BP026036.D
Acq: 29 Oct 2025   16:09

Tgt Ion:146 Resp:   750462
Ion   Ratio   Lower   Upper
146   100
148    63.9    51.6    77.4
 75    27.9    22.6    33.8
```

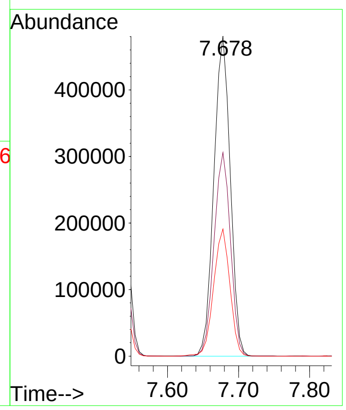




#13
1,4-Dichlorobenzene
Concen: 35.099 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:146 Resp: 77109

Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.2
111	39.7	31.3	46.9



Instrument :
BNA_P
ClientSampleId :
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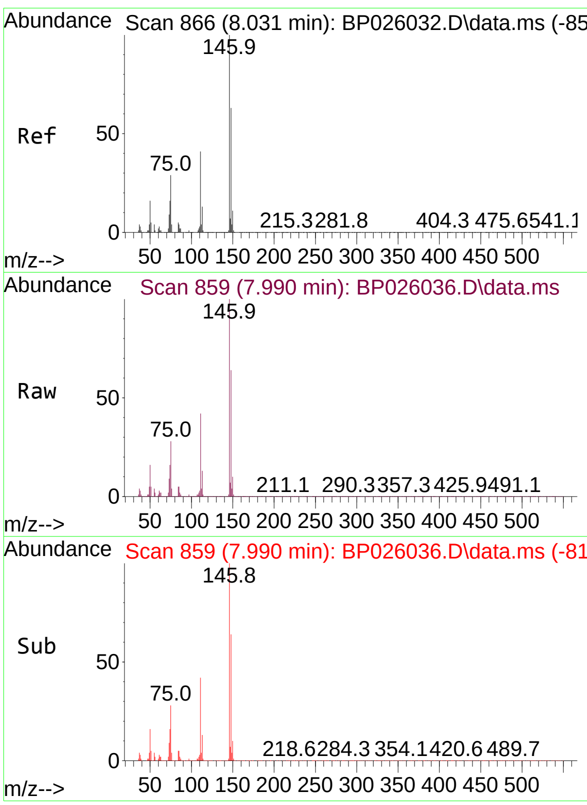
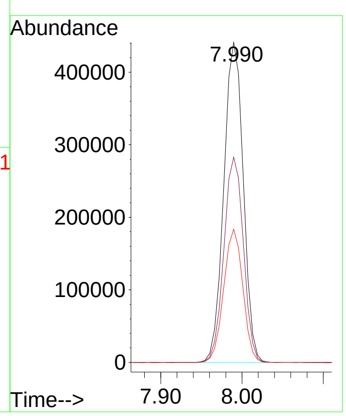


#14
1,2-Dichlorobenzene
Concen: 35.092 ng
RT: 7.990 min Scan# 859
Delta R.T. -0.041 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:146 Resp: 735657

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	41.6	33.0	49.4



Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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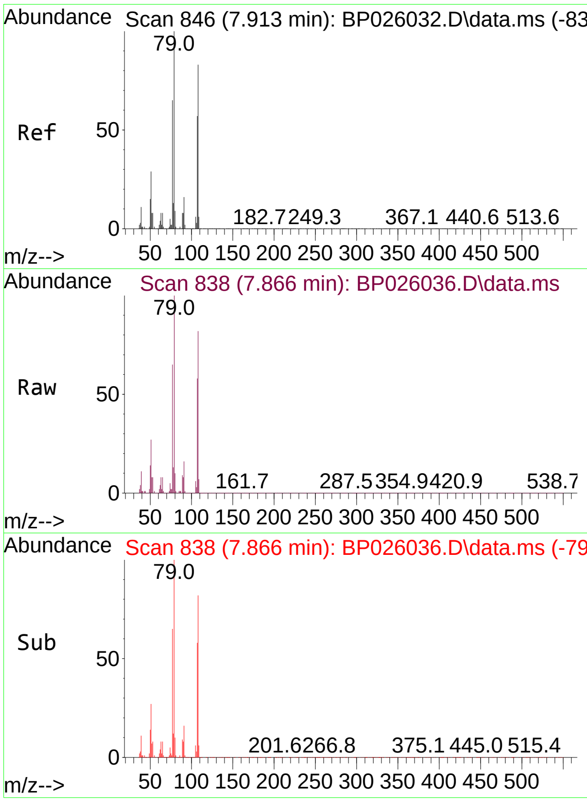
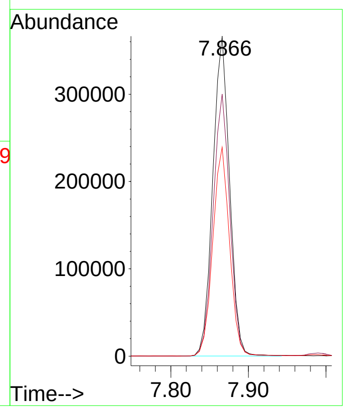
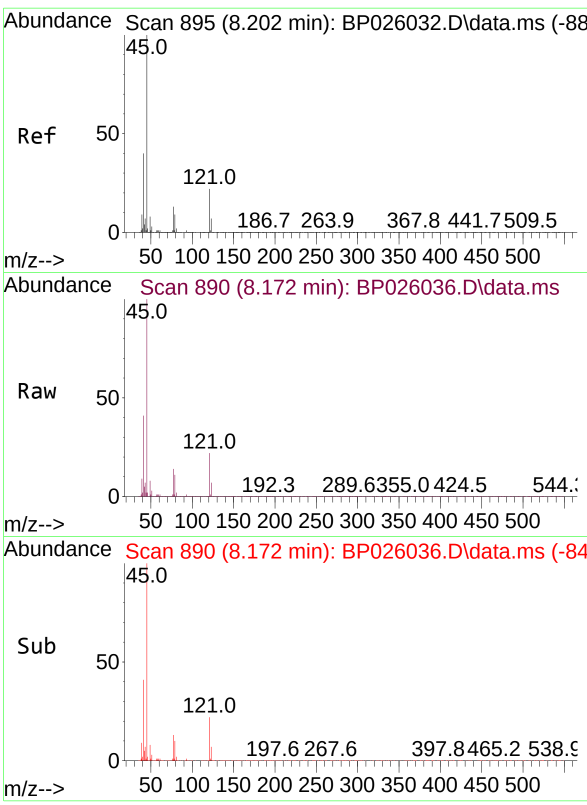



```
#15
Benzyl Alcohol
Concen:    35.185 ng
RT:    7.866 min   Scan# 8
Delta R.T.   -0.047 min
Lab File:    BP026036.D
Acq: 29 Oct 2025   16:09

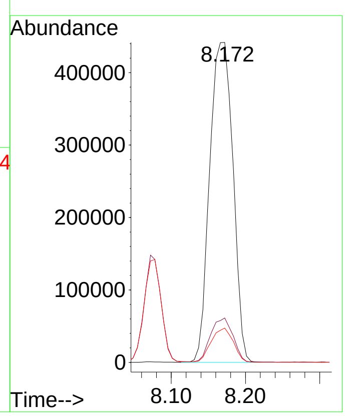
Tgt Ion: 79 Resp:   55162
Ion   Ratio   Lower   Upper
 79   100
108    81.9    66.0    99.0
 77    65.3    52.3    78.5
```






```
#16
2,2'-oxybis(1-Chloropropane)
Concen:    33.526 ng
RT:    8.172 min   Scan# 890
Delta R.T.   -0.029 min
Lab File:    BP026036.D
Acq: 29 Oct 2025   16:09

Tgt Ion: 45 Resp:   965445
Ion   Ratio   Lower   Upper
 45   100
 77    13.9     0.0    33.2
 79    10.7     0.0    29.5
```



Instrument :
BNA_P
ClientSampleId :
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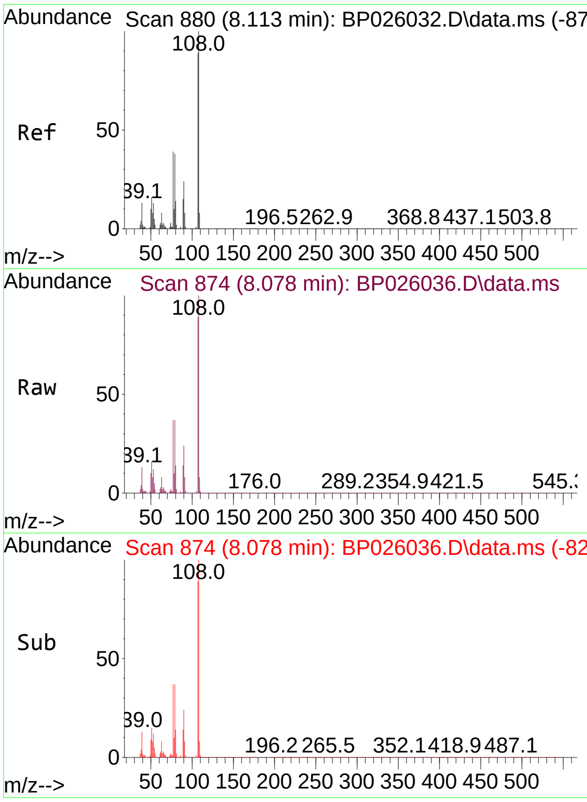
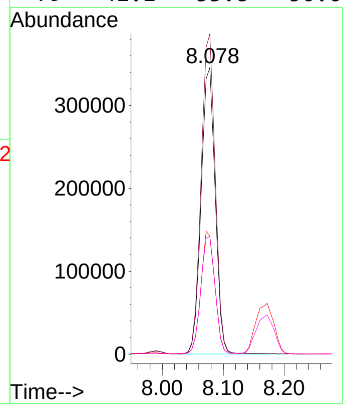
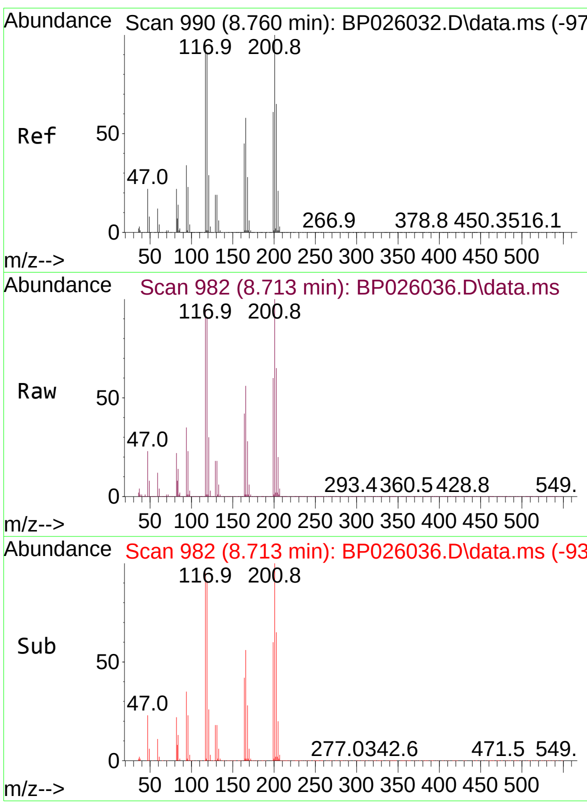


#17
2-Methylphenol
Concen: 34.998 ng
RT: 8.078 min Scan# 8
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:107 Resp: 55330

Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.8	134.8
77	41.1	34.8	52.2
79	41.1	33.8	50.6

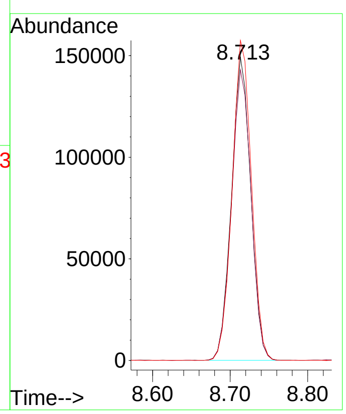




#18
Hexachloroethane
Concen: 34.560 ng
RT: 8.713 min Scan# 982
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:117 Resp: 259803

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.5	114.7
201	105.5	84.2	126.4



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Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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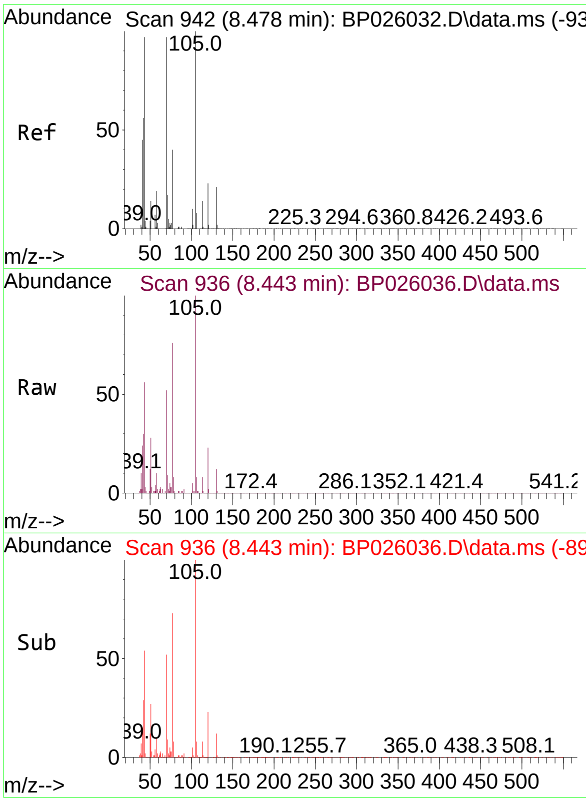
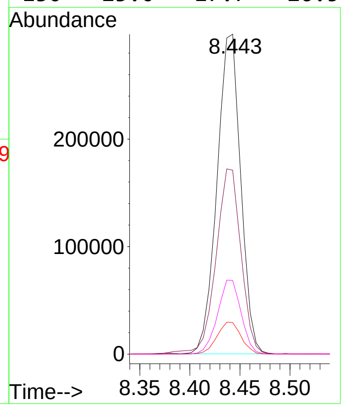
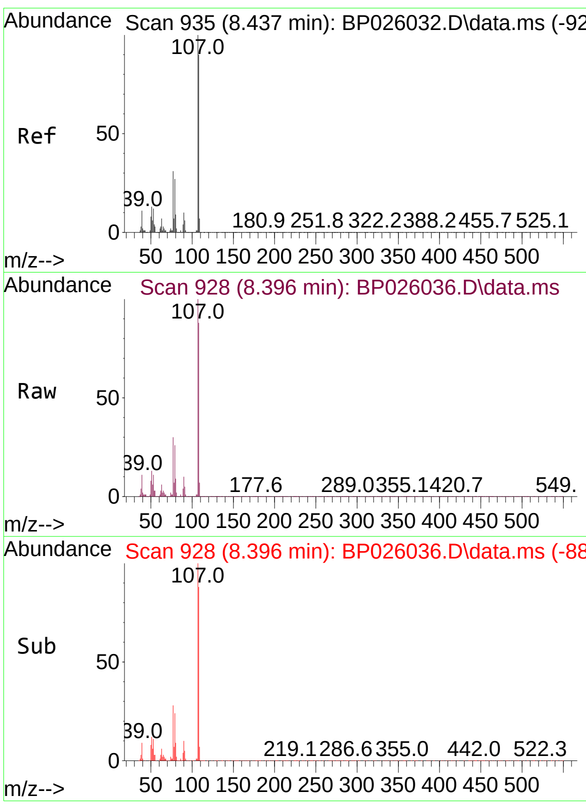


#19
n-Nitroso-di-n-propylamine
Concen: 36.340 ng
RT: 8.443 min Scan# 9
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 70 Resp: 490575

Ion	Ratio	Lower	Upper
70	100		
42	57.5	47.2	70.8
101	9.9	8.2	12.2
130	23.0	17.7	26.5

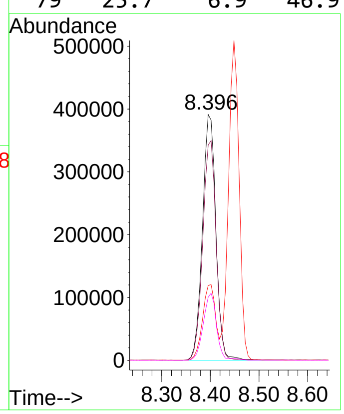


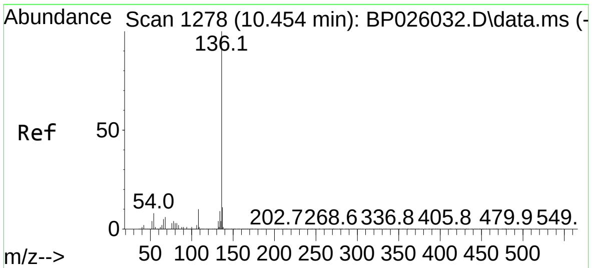


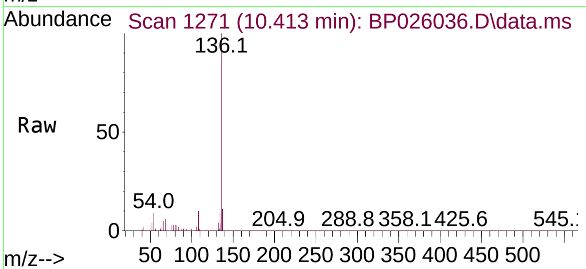
#20
3+4-Methylphenols
Concen: 34.245 ng
RT: 8.396 min Scan# 928
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

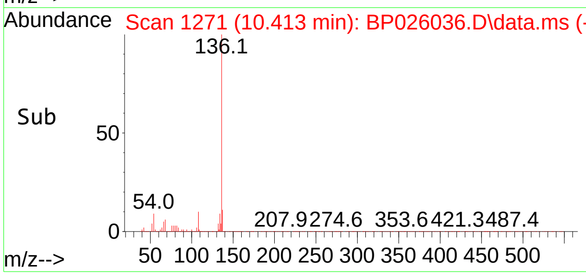
Tgt Ion:107 Resp: 753178

Ion	Ratio	Lower	Upper
107	100		
108	87.6	70.1	110.1
77	30.5	10.7	50.7
79	25.7	6.9	46.9









#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1
Delta R.T. -0.041 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:136 Resp: 1165829

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.6	6.6	10.0
68	5.8	4.7	7.1

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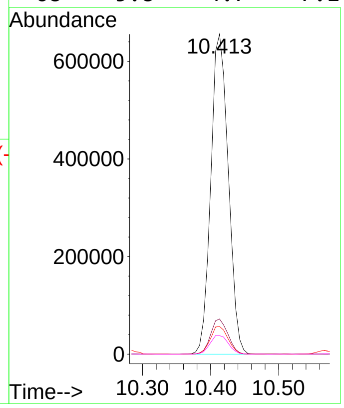
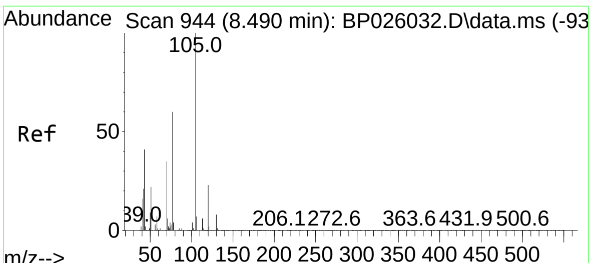
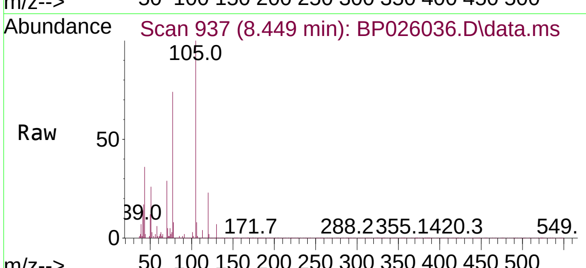
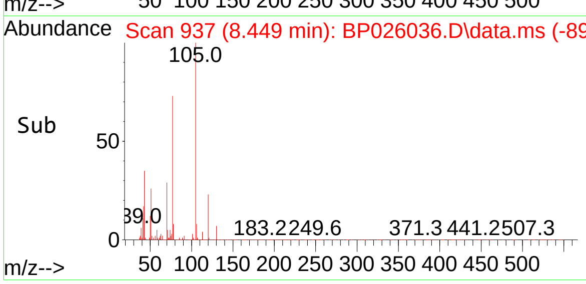




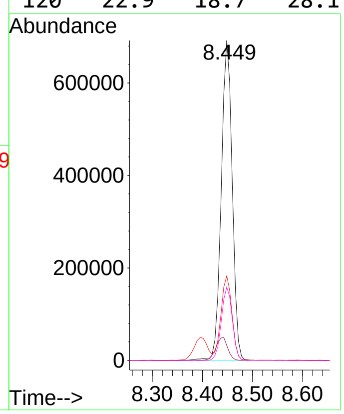


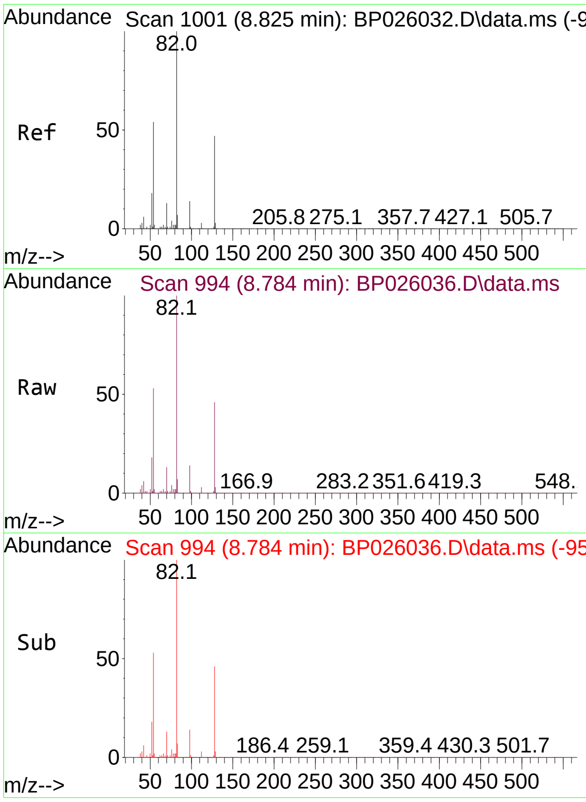


#22
Acetophenone
Concen: 35.756 ng
RT: 8.449 min Scan# 937
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:105 Resp: 1054241

Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.7	7.1#
51	26.4	21.8	32.8
120	22.9	18.7	28.1





#23
Nitrobenzene-d5
Concen: 68.652 ng
RT: 8.784 min Scan# 9
Delta R.T. -0.041 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 82 Resp: 128388

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.4	56.0
54	53.2	42.7	64.1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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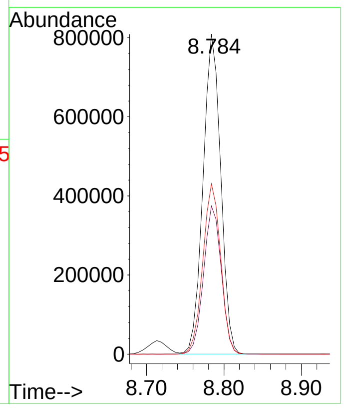
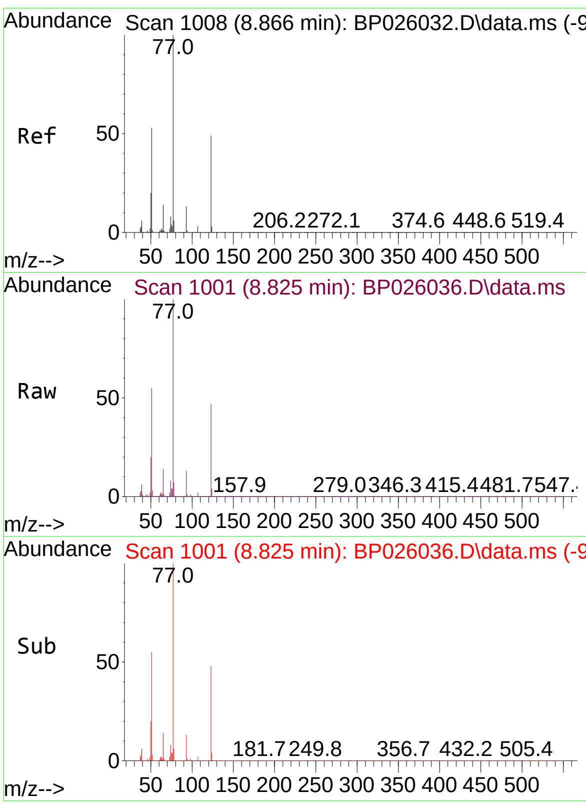
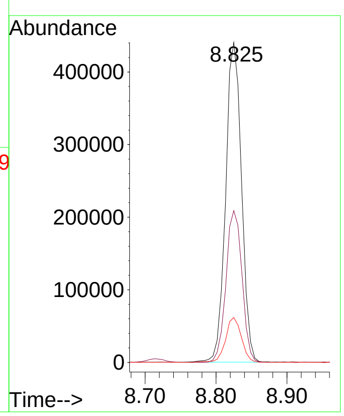




#24
Nitrobenzene
Concen: 34.825 ng
RT: 8.825 min Scan# 1001
Delta R.T. -0.041 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 77 Resp: 687636

Ion	Ratio	Lower	Upper
77	100		
123	47.5	39.0	58.4
65	14.0	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
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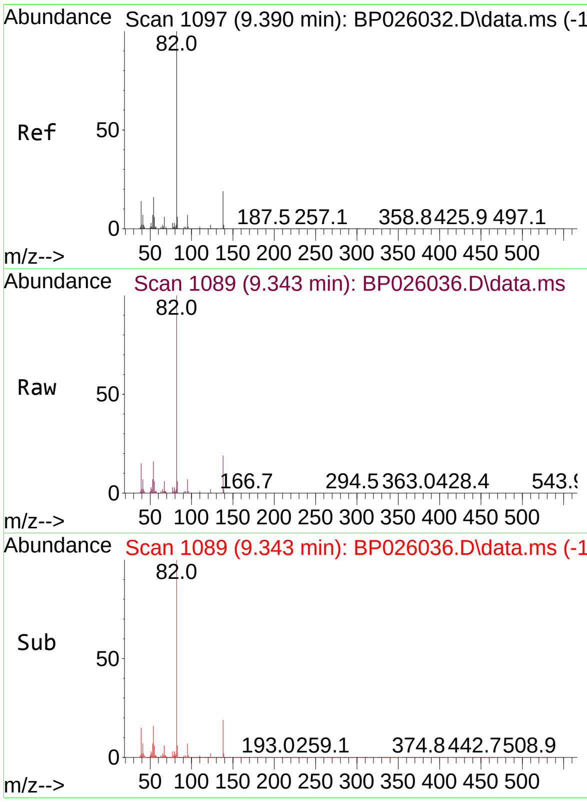
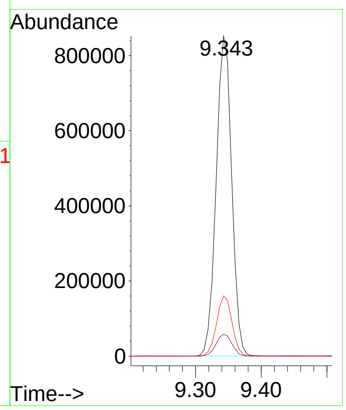
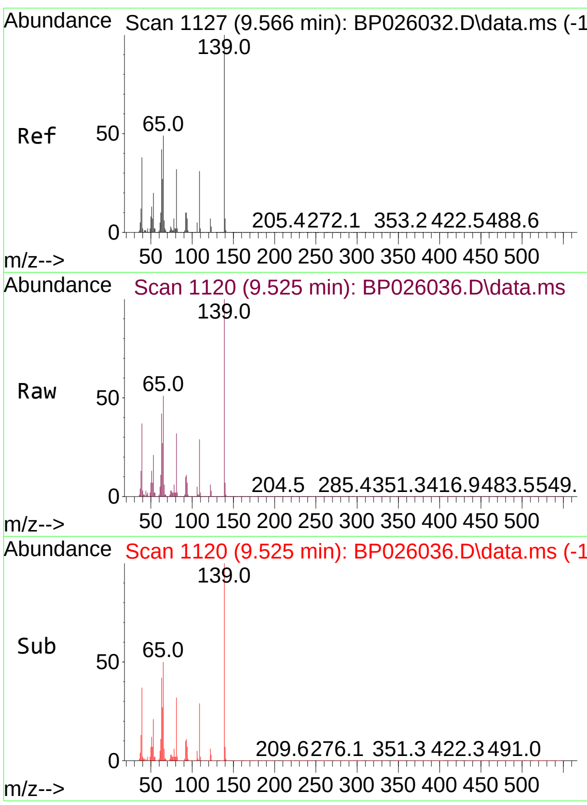


#25
Isophorone
Concen: 35.069 ng
RT: 9.343 min Scan# 10
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 82 Resp: 140374

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.8	8.6
138	18.8	15.0	22.6

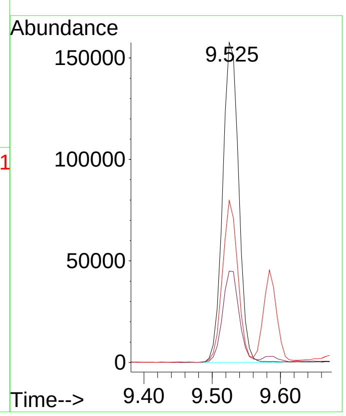




#26
2-Nitrophenol
Concen: 36.106 ng
RT: 9.525 min Scan# 1120
Delta R.T. -0.041 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:139 Resp: 257308

Ion	Ratio	Lower	Upper
139	100		
109	28.5	24.8	37.2
65	50.6	39.0	58.4



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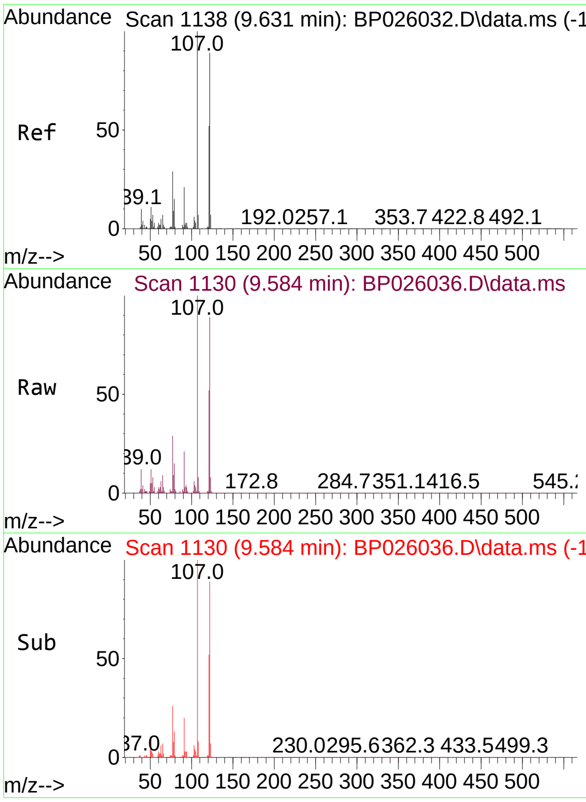

#27
2,4-Dimethylphenol
Concen: 37.573 ng
RT: 9.584 min Scan# 11
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:122 Resp: 63245

Ion	Ratio	Lower	Upper
122	100		
107	112.9	89.2	133.8
121	58.7	46.3	69.5

Instrument :
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ClientSampleId :
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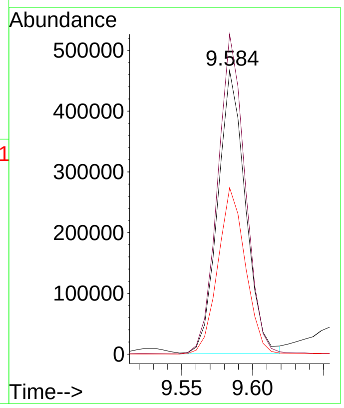
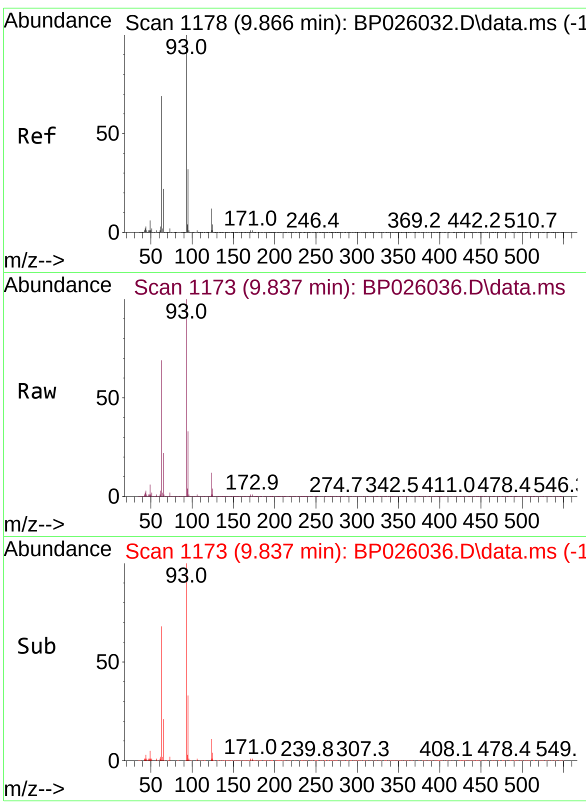
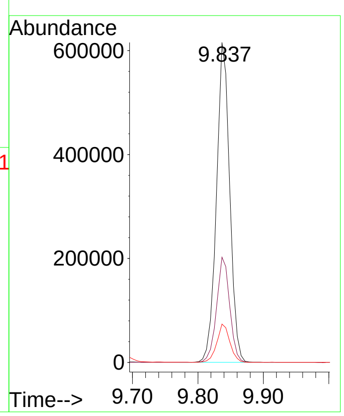


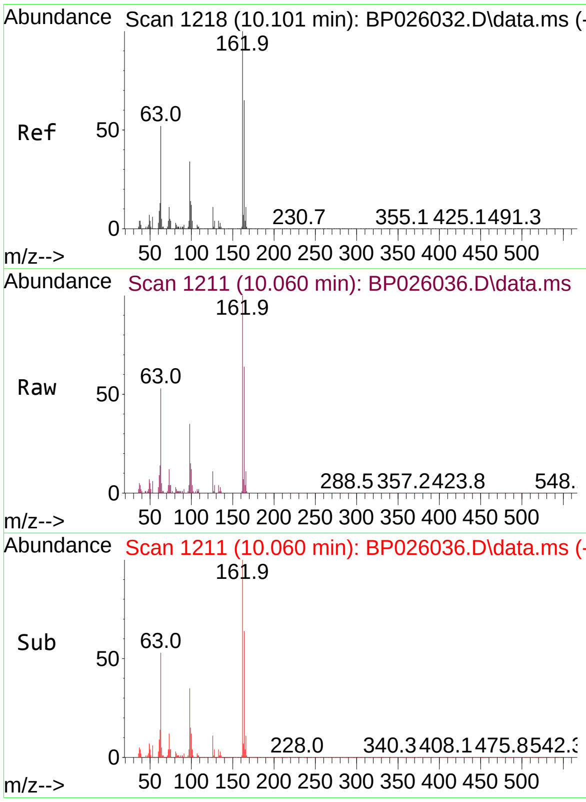


#28
bis(2-Chloroethoxy)methane
Concen: 34.454 ng
RT: 9.837 min Scan# 1173
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 93 Resp: 869155

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.6
123	12.0	9.3	13.9





#29
2,4-Dichlorophenol
Concen: 34.599 ng
RT: 10.060 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:162 Resp: 61492

Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.6	84.6
98	34.8	14.0	54.0

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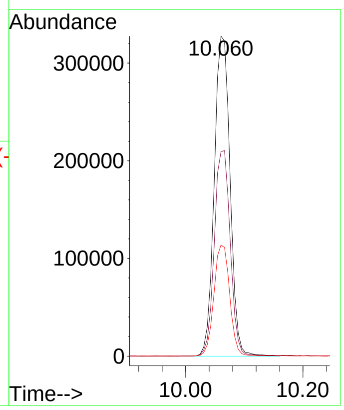
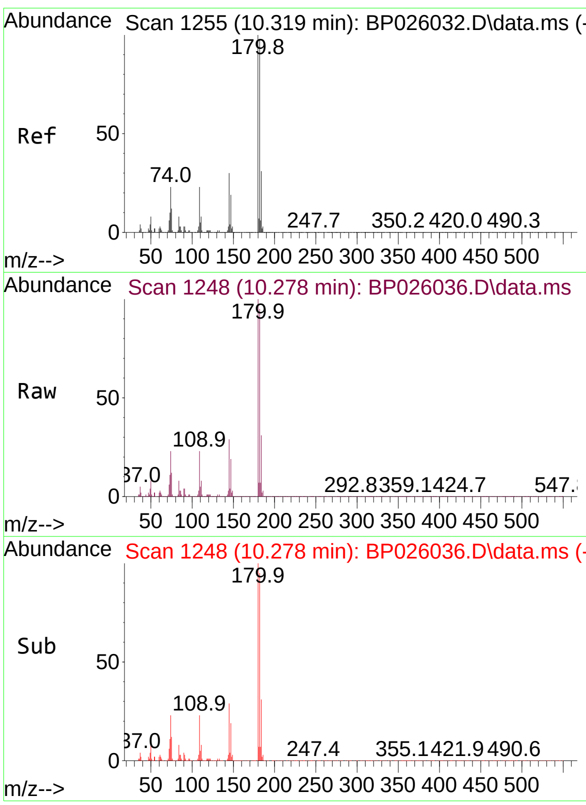
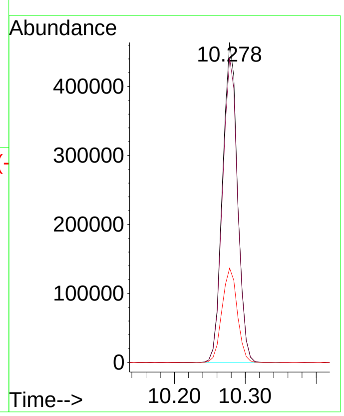




#30
1,2,4-Trichlorobenzene
Concen: 35.441 ng
RT: 10.278 min Scan# 1248
Delta R.T. -0.041 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:180 Resp: 684636

Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.6	117.8
145	29.4	24.2	36.4



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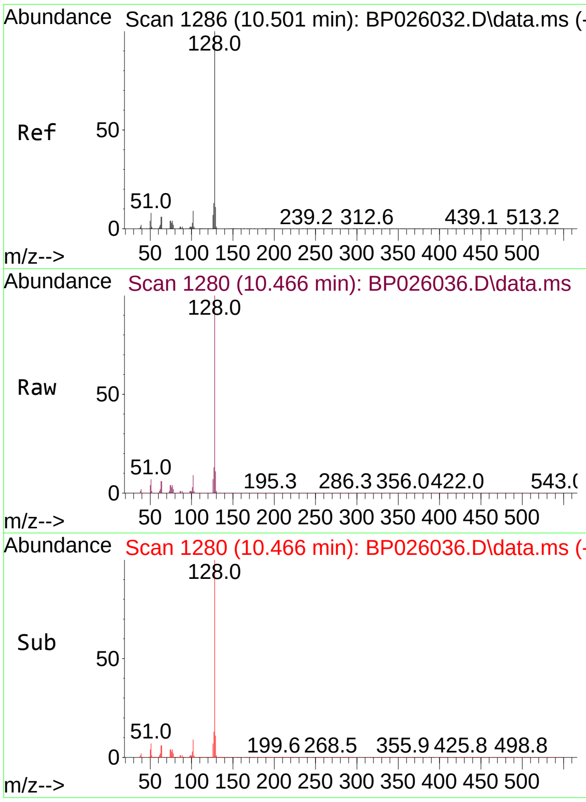

#31
Naphthalene
Concen: 33.888 ng
RT: 10.466 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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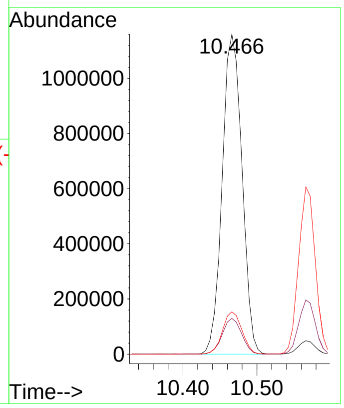
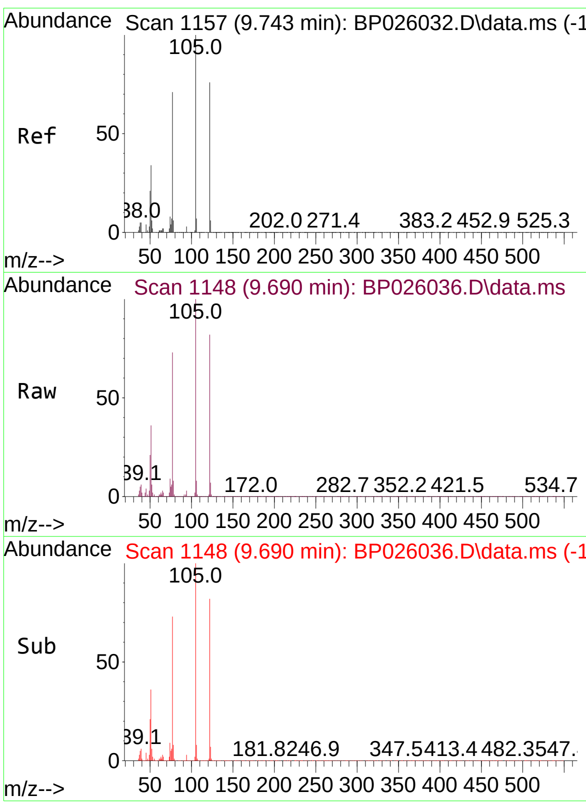
Tgt Ion:128 Resp: 215443

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.2	10.5	15.7

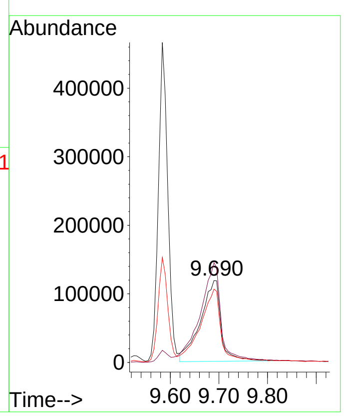




#32
Benzoic acid
Concen: 37.646 ng
RT: 9.690 min Scan# 1148
Delta R.T. -0.088 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:122 Resp: 351760

Ion	Ratio	Lower	Upper
122	100		
105	121.9	104.8	144.8
77	89.5	70.9	110.9



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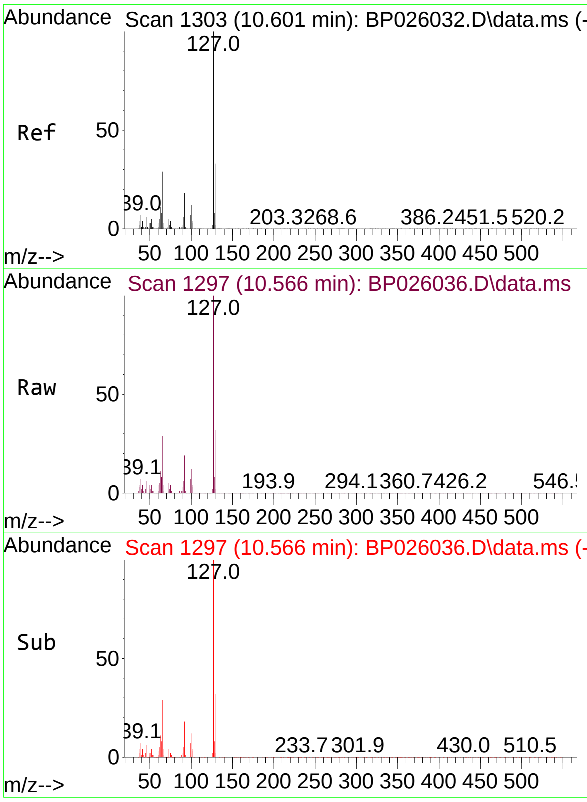

#33
4-Chloroaniline
Concen: 38.877 ng
RT: 10.566 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:127 Resp: 949777

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	28.7	23.2	34.8
92	18.6	14.5	21.7

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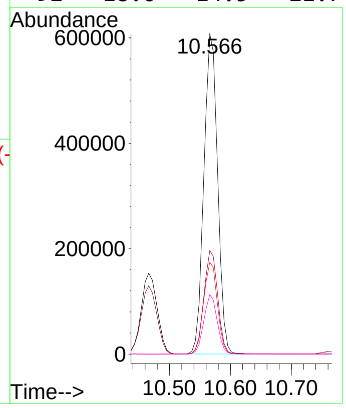
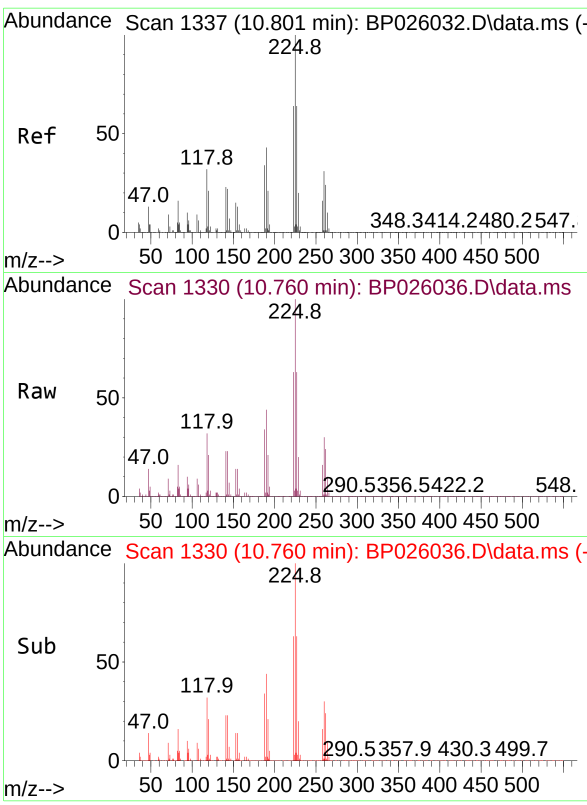
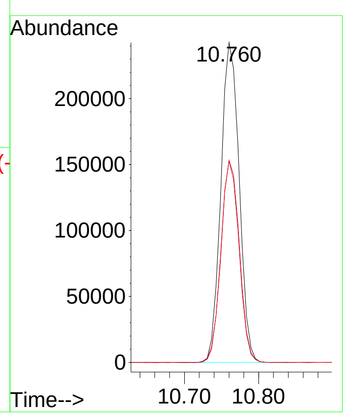


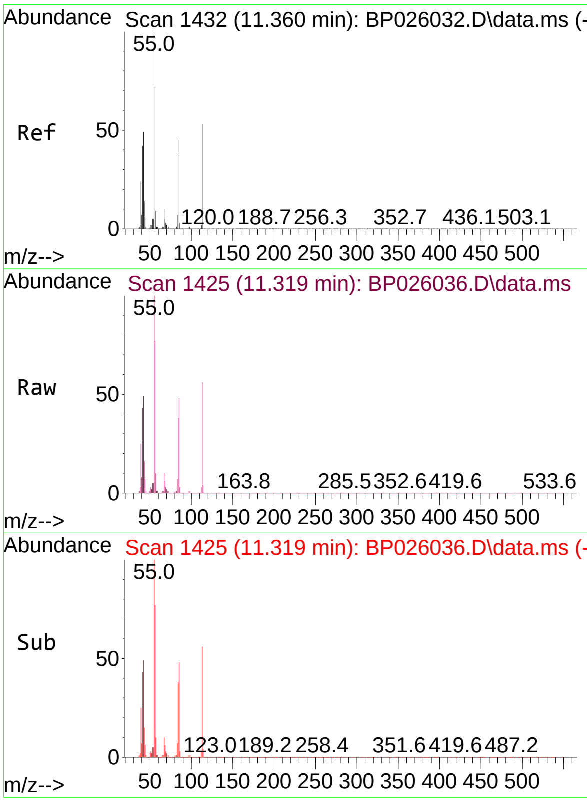


#34
Hexachlorobutadiene
Concen: 33.876 ng
RT: 10.760 min Scan# 1330
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:225 Resp: 415865

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.9	76.3
227	63.2	51.0	76.4

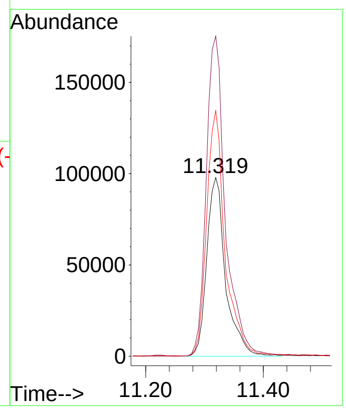




#35
Caprolactam
Concen: 34.833 ng
RT: 11.319 min Scan# 14
Delta R.T. -0.065 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:113 Resp: 21740

Ion	Ratio	Lower	Upper
113	100		
55	179.2	169.9	209.9
56	137.4	116.7	156.7



Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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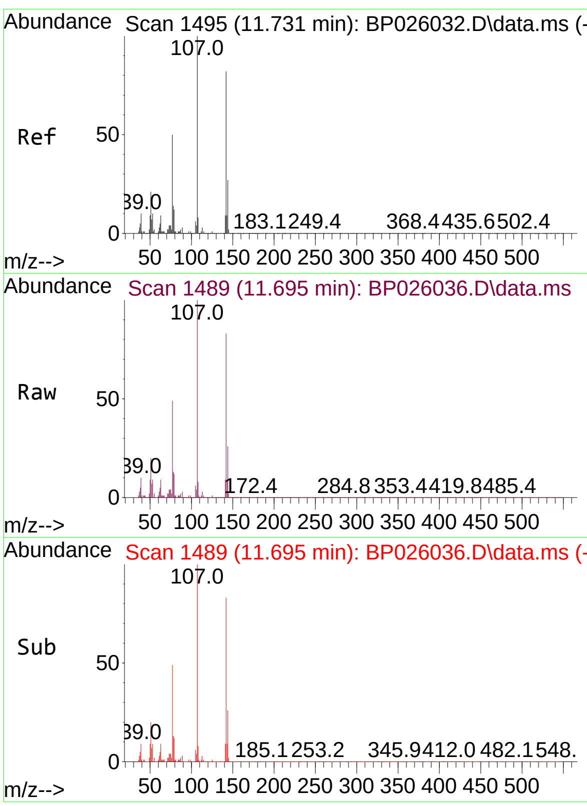
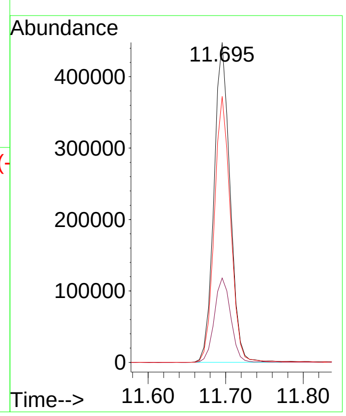


#36
4-Chloro-3-methylphenol
Concen: 34.690 ng
RT: 11.695 min Scan# 1489
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:107 Resp: 646328

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.3	31.9
142	83.1	65.2	97.8



Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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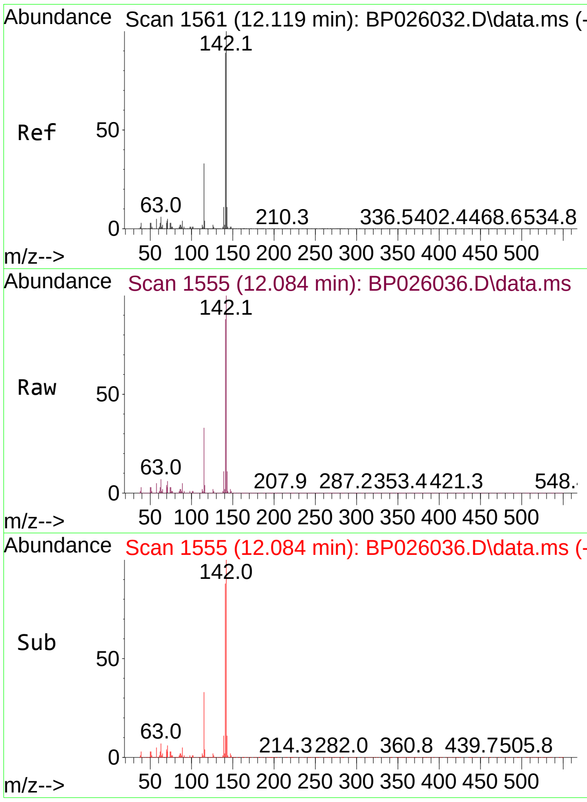
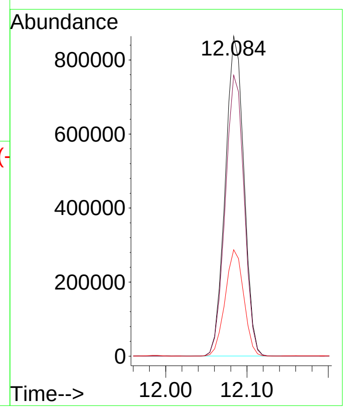
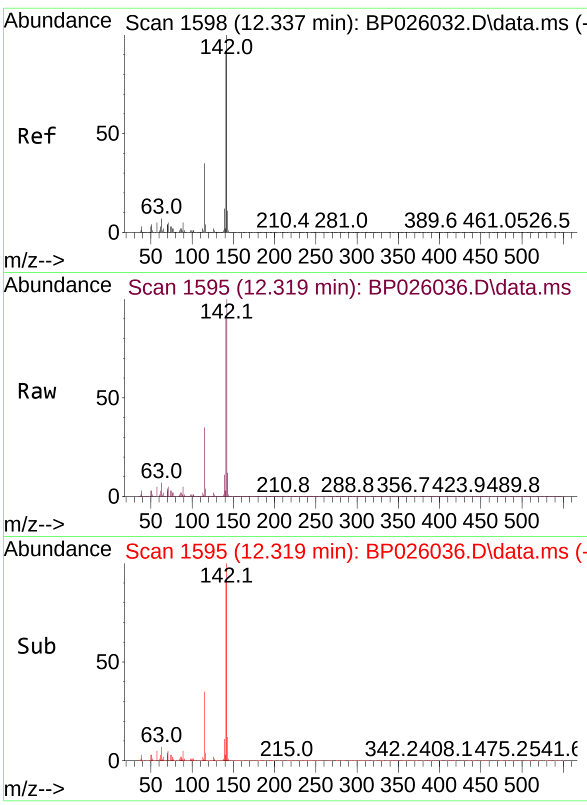


#37
2-Methylnaphthalene
Concen: 30.988 ng
RT: 12.084 min Scan# 15
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:142 Resp: 137885

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.6	107.4
115	33.2	26.6	39.8

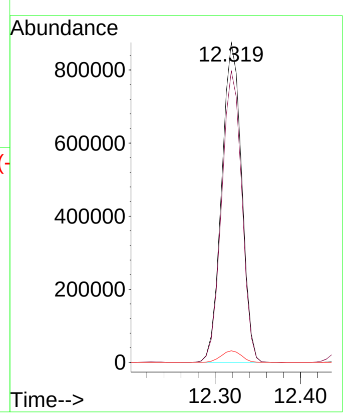




#38
1-Methylnaphthalene
Concen: 32.934 ng
RT: 12.319 min Scan# 1595
Delta R.T. -0.017 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:142 Resp: 1423665

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.7	109.1
116	3.6	2.9	4.3



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Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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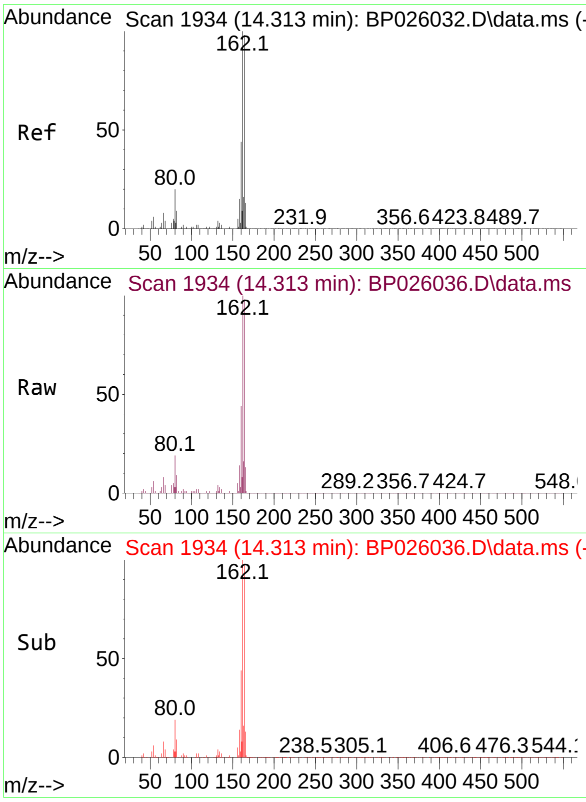
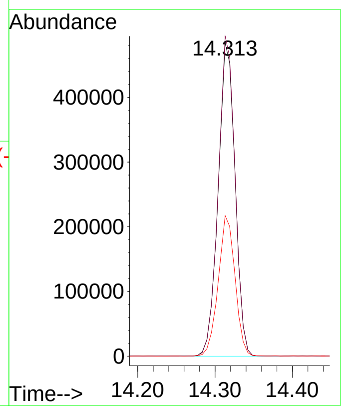
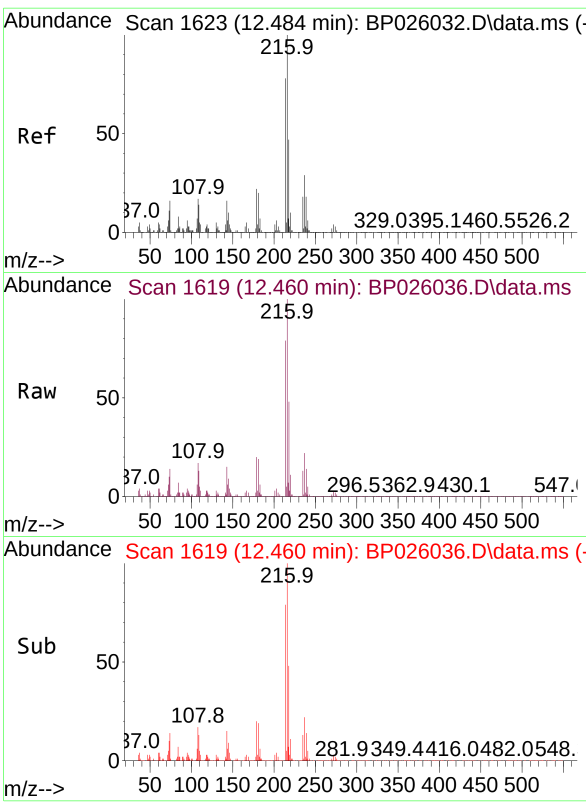


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:164 Resp: 734180

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.5	122.3
160	44.8	36.2	54.4

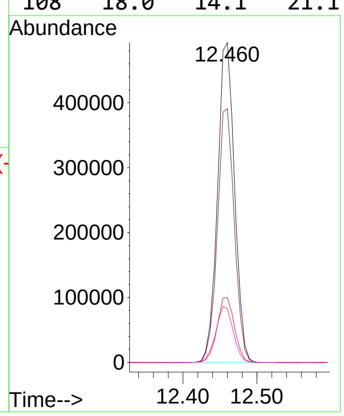


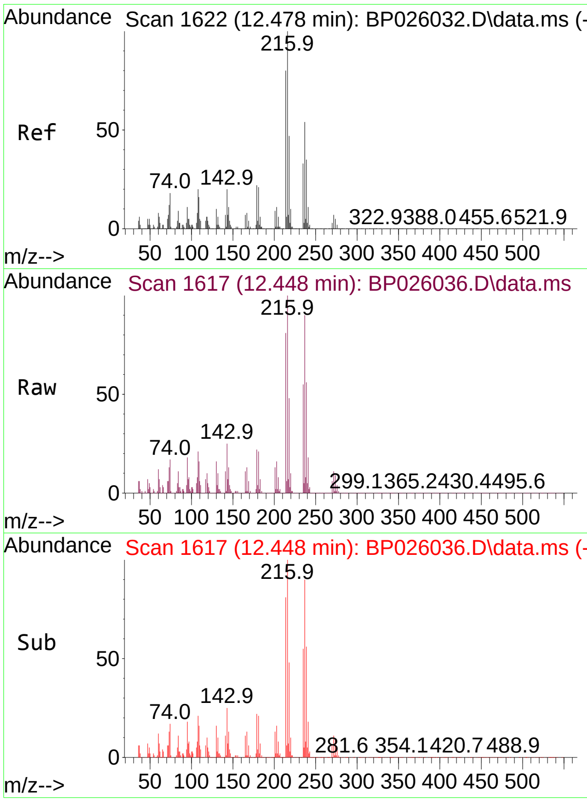


#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.481 ng
RT: 12.460 min Scan# 1619
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:216 Resp: 786568

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.9	94.3
179	20.7	16.9	25.3
108	18.0	14.1	21.1





#41
Hexachlorocyclopentadiene
Concen: 47.197 ng
RT: 12.448 min Scan# 16
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:237 Resp: 393924

Ion	Ratio	Lower	Upper
237	100		
235	61.3	40.4	80.4
272	12.5	0.0	32.2

Instrument : BNA_P
ClientSampleId : ICVBP102925

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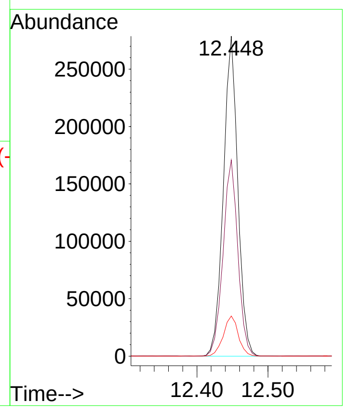
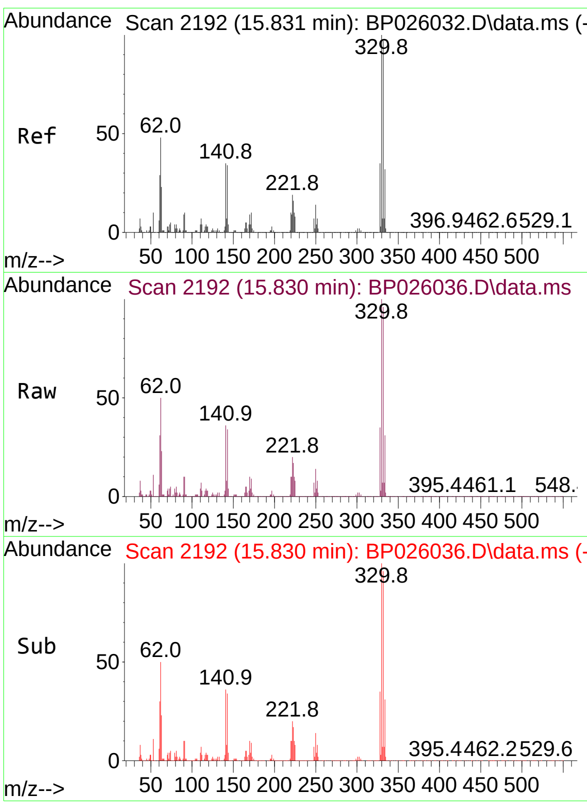
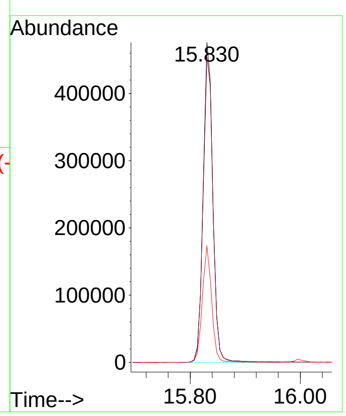




#42
2,4,6-Tribromophenol
Concen: 72.809 ng
RT: 15.830 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:330 Resp: 577899

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	35.1	28.6	42.8



Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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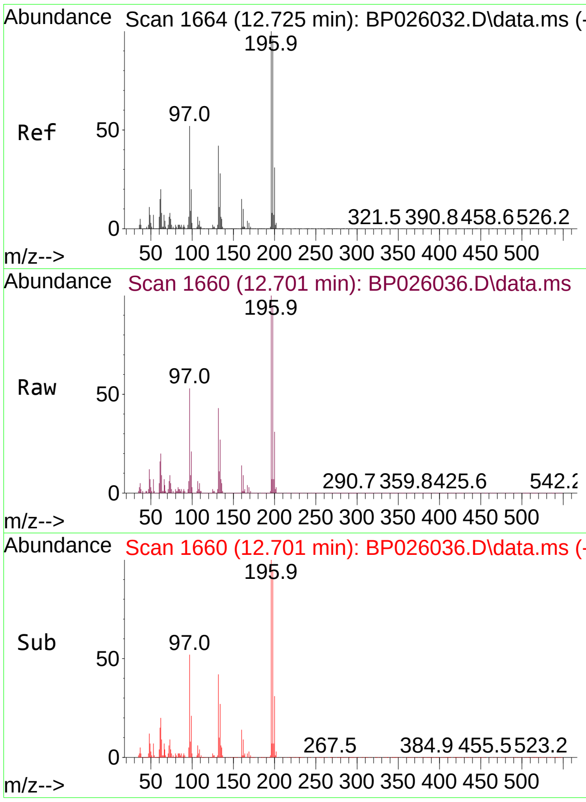
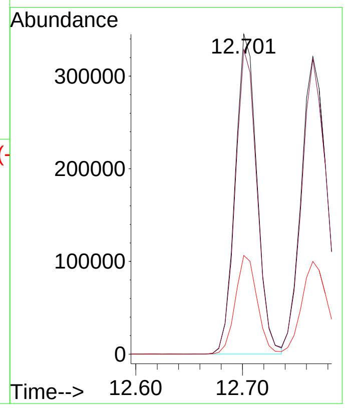
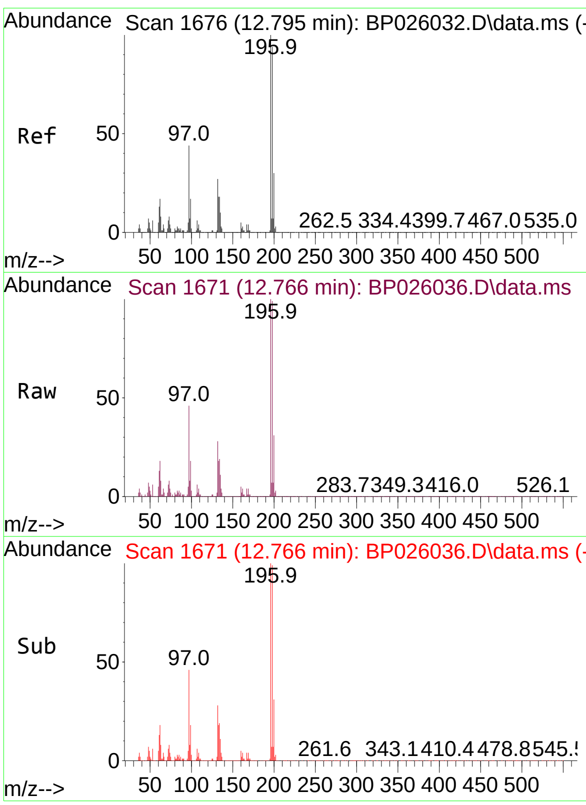


#43
2,4,6-Trichlorophenol
Concen: 36.282 ng
RT: 12.701 min Scan# 16
Delta R.T. -0.023 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:196 Resp: 48921

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.5	114.7
200	30.8	24.4	36.6

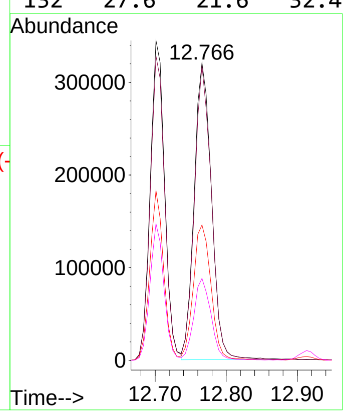


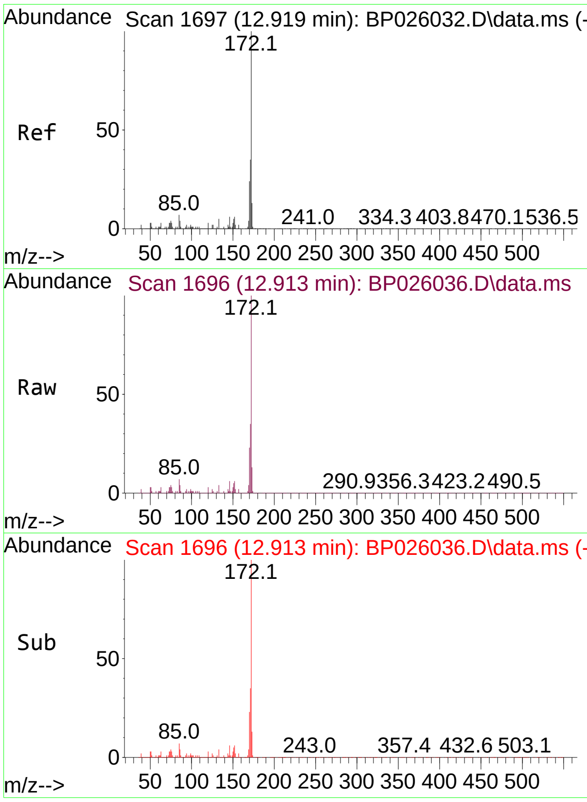


#44
2,4,5-Trichlorophenol
Concen: 35.326 ng
RT: 12.766 min Scan# 1671
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:196 Resp: 543516

Ion	Ratio	Lower	Upper
196	100		
198	99.1	75.1	112.7
97	45.5	35.5	53.3
132	27.6	21.6	32.4





#45
2-Fluorobiphenyl
Concen: 67.037 ng
RT: 12.913 min Scan# 16
Delta R.T. -0.018 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument : BNA_P
ClientSampleId : ICVBP102925

Tgt Ion:172 Resp: 3425177

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.0	19.0	28.4

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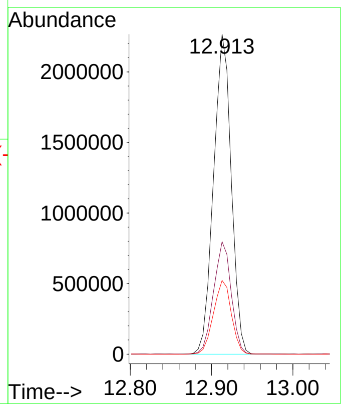
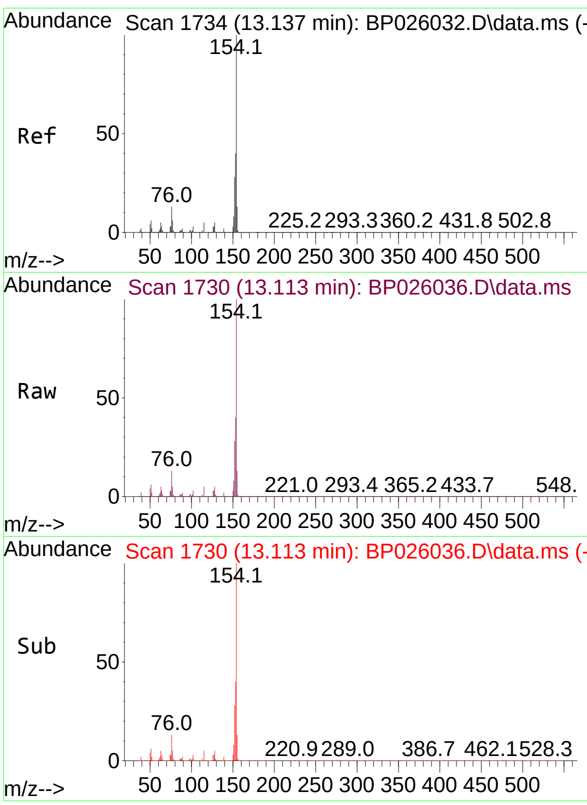
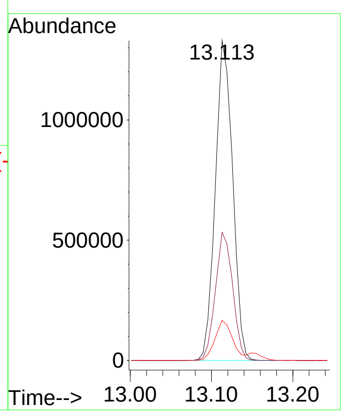




#46
1,1'-Biphenyl
Concen: 35.073 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.023 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:154 Resp: 1971667

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.2	60.2
76	12.5	0.0	32.8



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Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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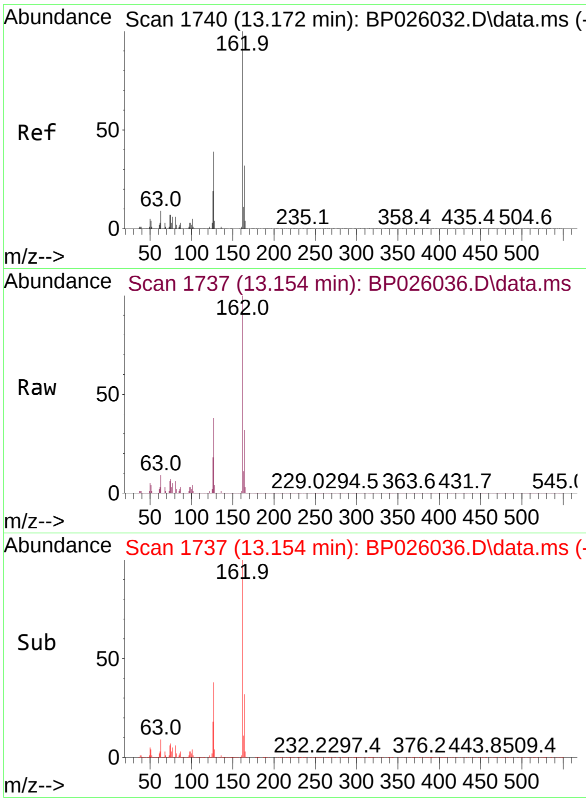
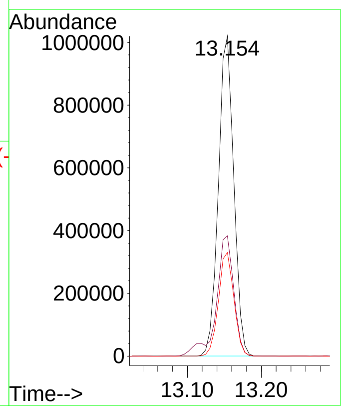
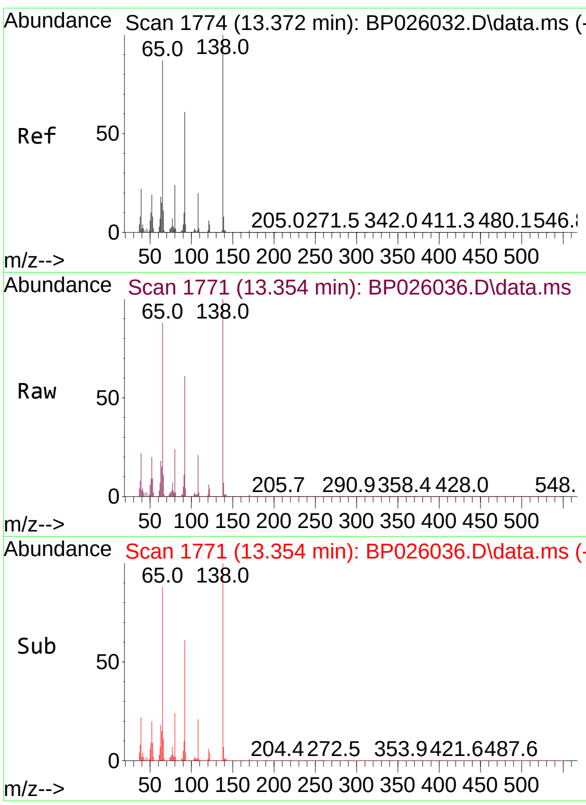


#47
2-Chloronaphthalene
Concen: 33.277 ng
RT: 13.154 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:162 Resp: 147187

Ion	Ratio	Lower	Upper
162	100		
127	37.6	31.4	47.2
164	32.4	25.9	38.9

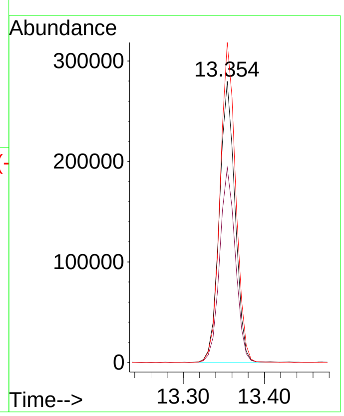




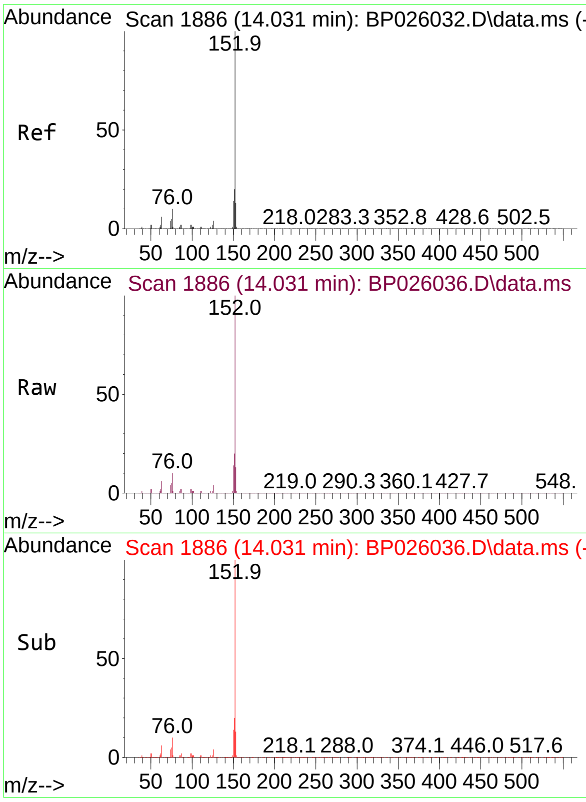
#48
2-Nitroaniline
Concen: 33.821 ng
RT: 13.354 min Scan# 1771
Delta R.T. -0.024 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 65 Resp: 374554

Ion	Ratio	Lower	Upper
65	100		
92	69.2	55.5	83.3
138	113.8	91.7	137.5



ICAL Form



#49
Acenaphthylene
Concen: 38.923 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.005 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:152 Resp: 2509218

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.1	10.6	16.0

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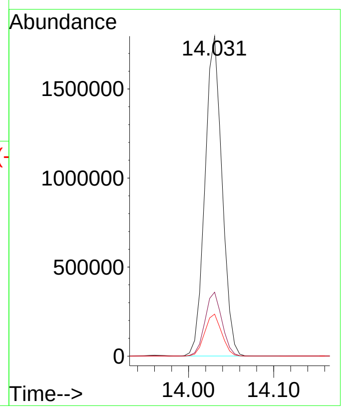
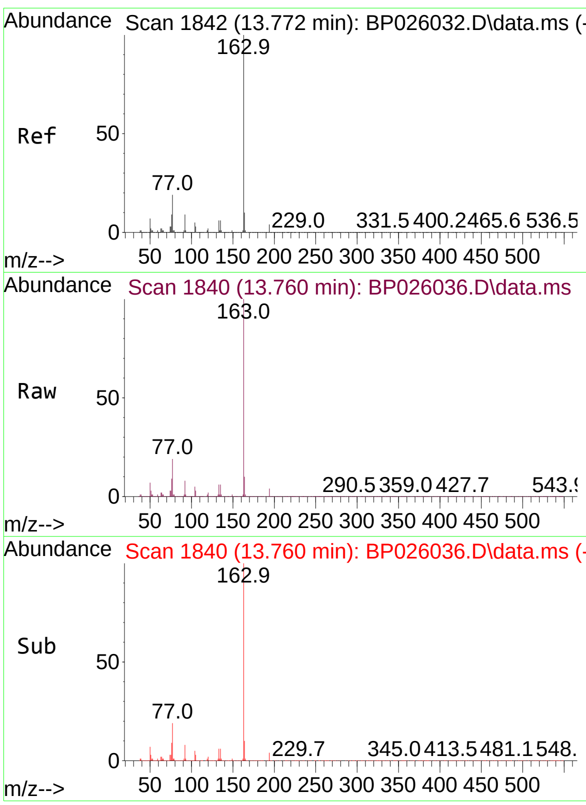
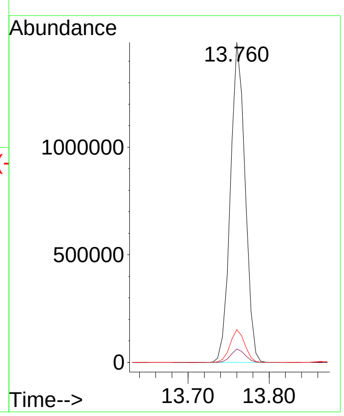




#50
Dimethylphthalate
Concen: 35.112 ng
RT: 13.760 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:163 Resp: 1875076

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.2	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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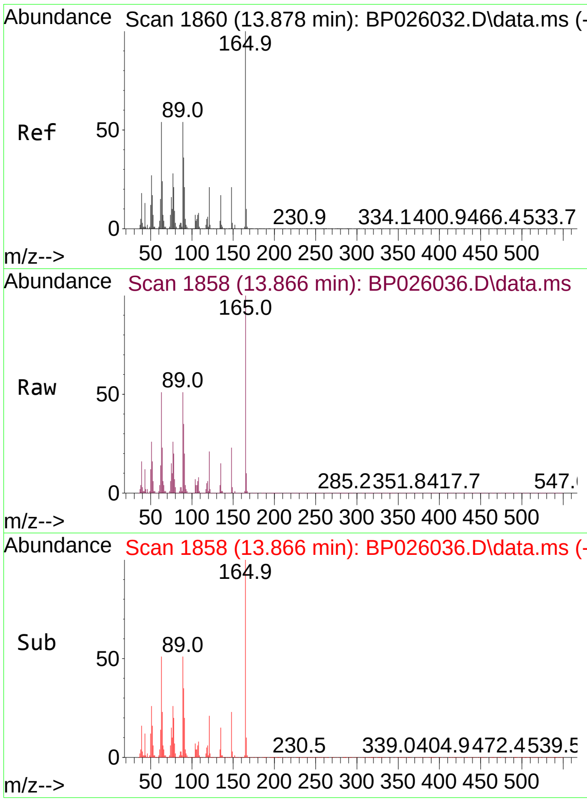
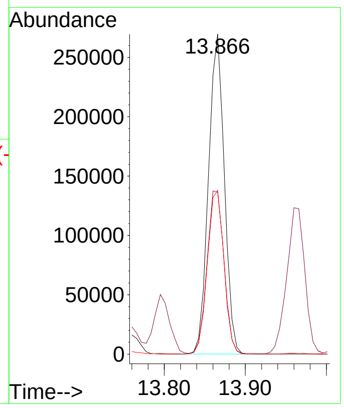
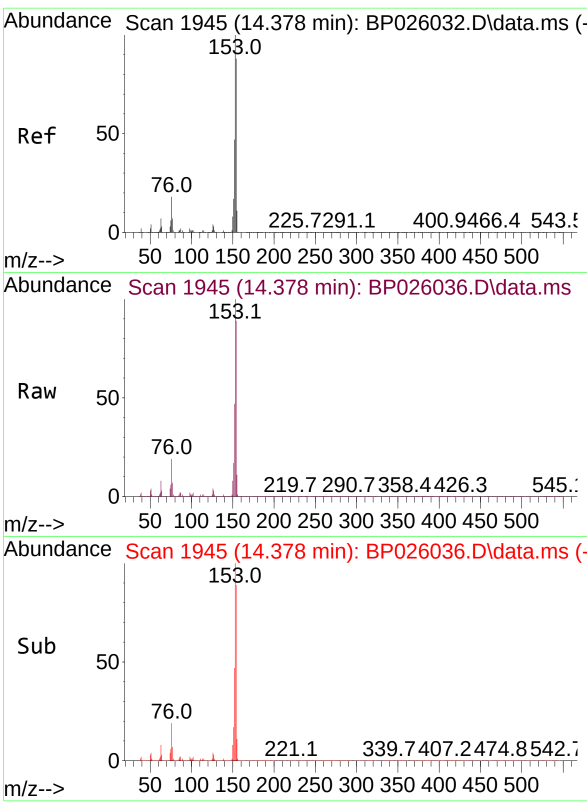


#51
2,6-Dinitrotoluene
Concen: 37.528 ng
RT: 13.866 min Scan# 18
Delta R.T. -0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:165 Resp: 36725

Ion	Ratio	Lower	Upper
165	100		
63	50.6	43.0	64.4
89	51.2	43.0	64.4

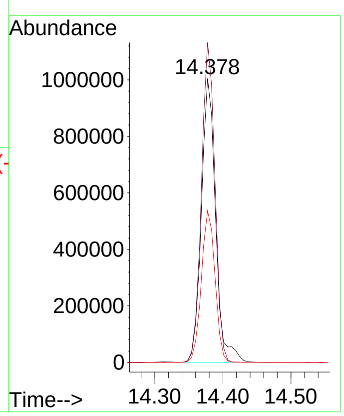


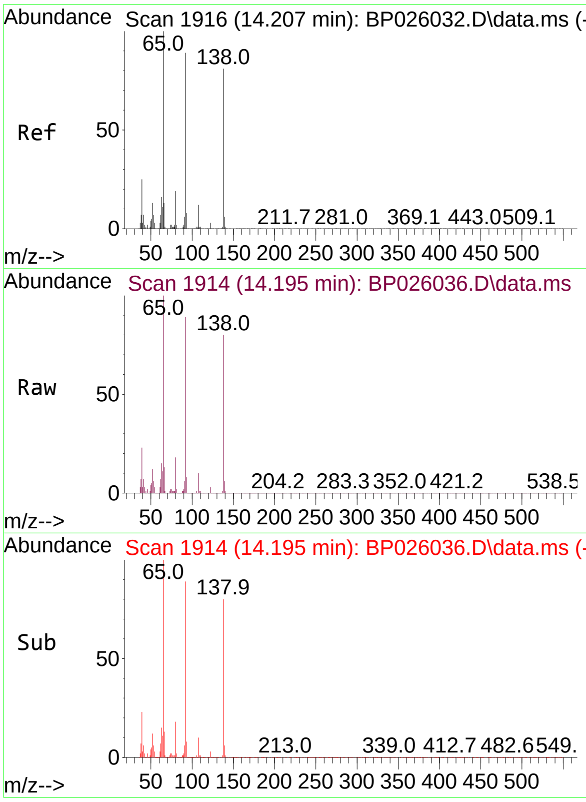


#52
Acenaphthene
Concen: 32.961 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:154 Resp: 1458746

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.0	136.4
152	53.4	42.7	64.1






```
#53
3-Nitroaniline
Concen:   36.037 ng
RT:  14.195 min  Scan# 19
Delta R.T.   -0.012 min
Lab File:    BP026036.D
Acq: 29 Oct 2025   16:09

Tgt Ion:138 Resp:  42519
Ion  Ratio  Lower  Upper
138  100
108   12.3   11.4   17.0
 92  111.4   87.1  130.7
```

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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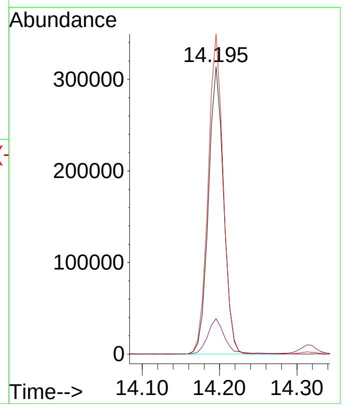
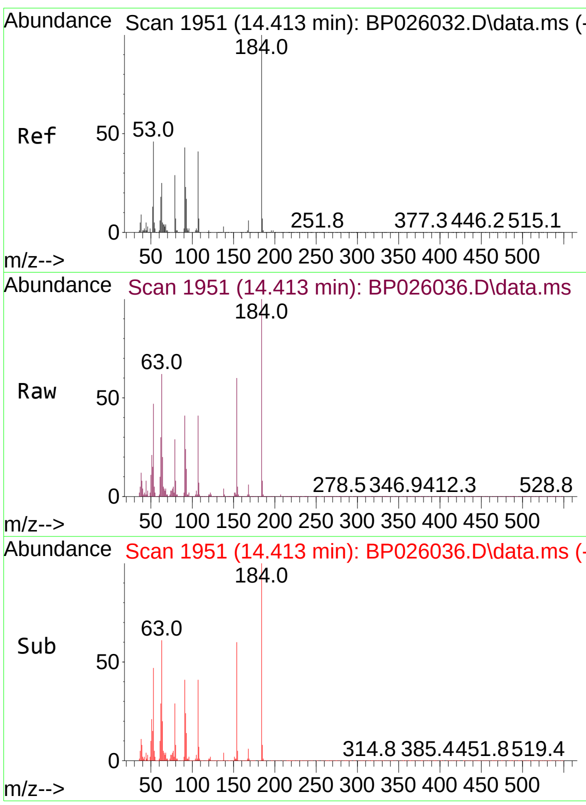
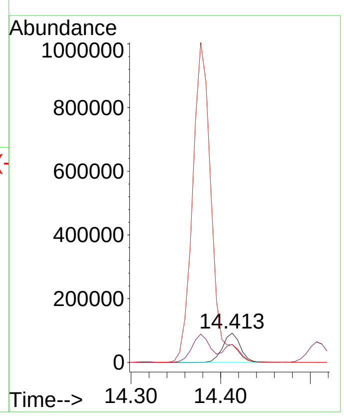
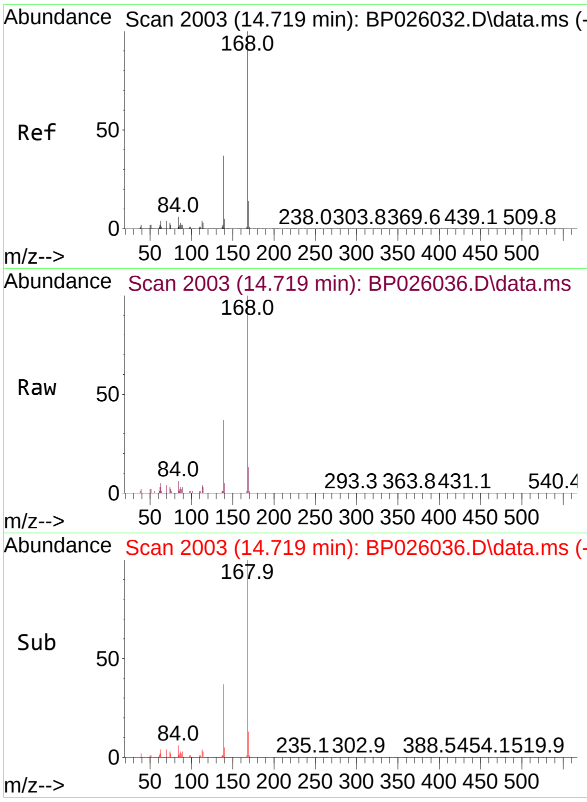





```
#54
2,4-Dinitrophenol
Concen:   36.040 ng
RT:  14.413 min  Scan# 1951
Delta R.T.   -0.006 min
Lab File:    BP026036.D
Acq: 29 Oct 2025   16:09

Tgt Ion:184 Resp:  126516
Ion  Ratio  Lower  Upper
184  100
 63   61.6   49.0   73.4
154   60.3   51.0   76.6
```





#55
Dibenzofuran
Concen: 33.938 ng
RT: 14.719 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:168 Resp: 226931

Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.7	44.5
169	13.2	11.0	16.4

Instrument : BNA_P
ClientSampleId : ICVBP102925

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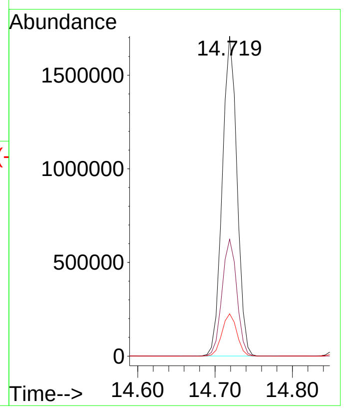
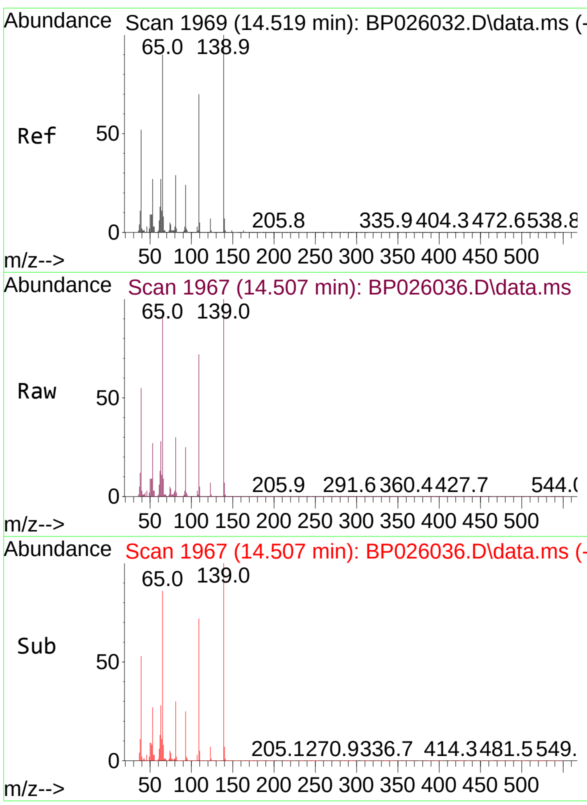
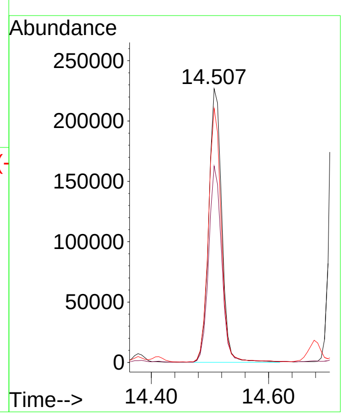




#56
4-Nitrophenol
Concen: 32.703 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:139 Resp: 348249

Ion	Ratio	Lower	Upper
139	100		
109	71.7	50.0	90.0
65	92.8	69.6	109.6



ICAL Form

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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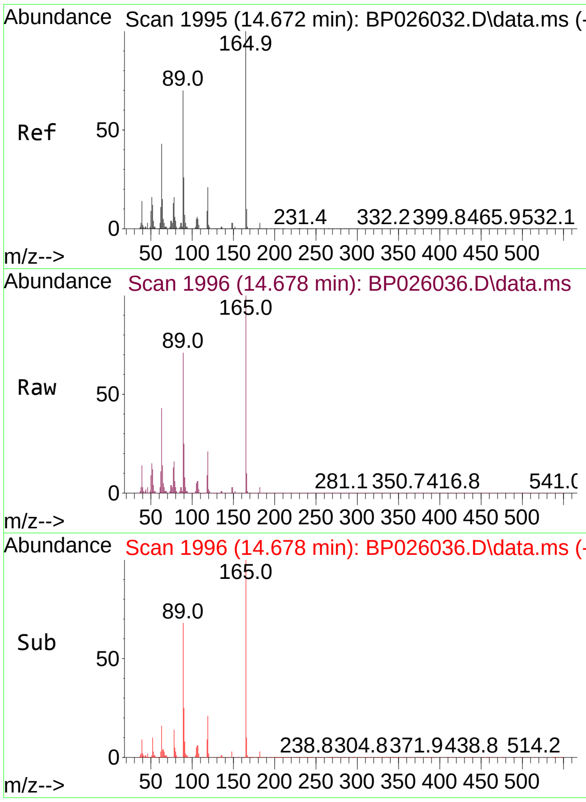
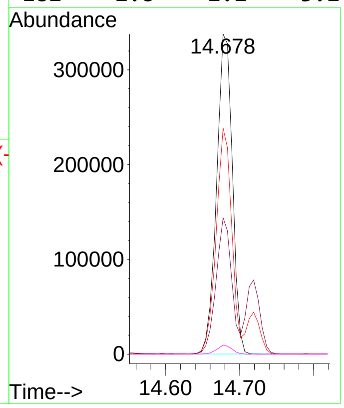
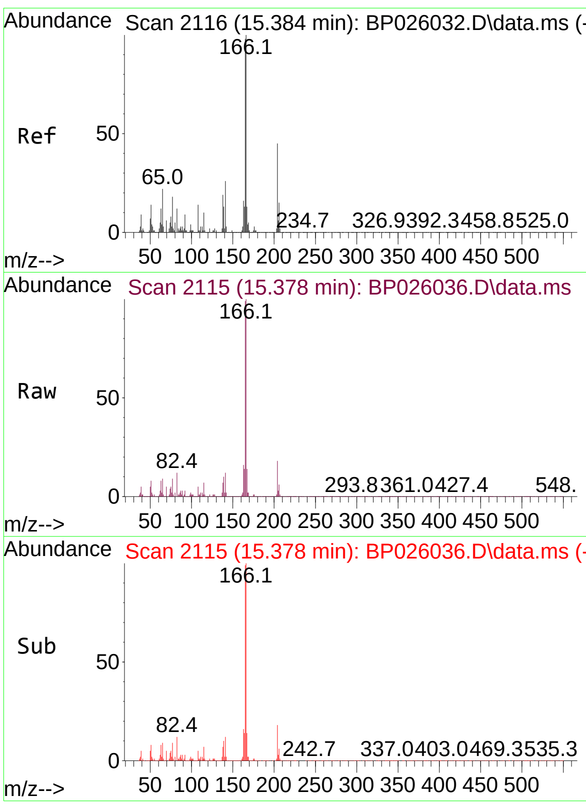


#57
2,4-Dinitrotoluene
Concen: 35.013 ng
RT: 14.678 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:165 Resp: 49980

Ion	Ratio	Lower	Upper
165	100		
63	42.6	34.2	51.2
89	70.6	56.0	84.0
182	2.8	2.2	3.2

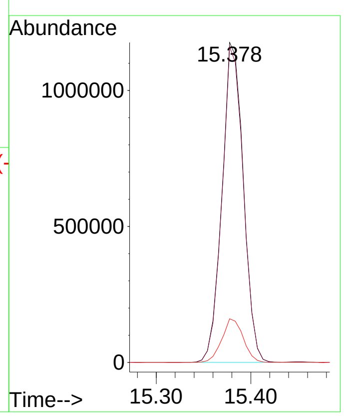




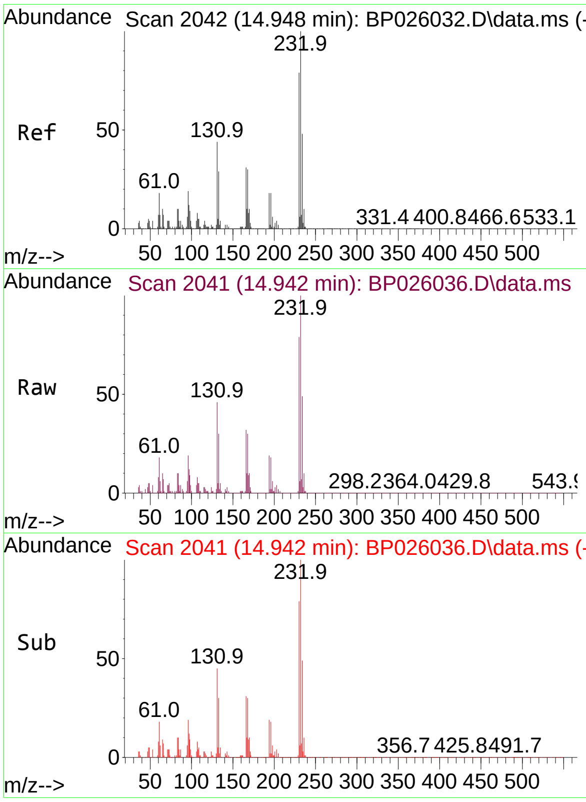
#58
Fluorene
Concen: 35.342 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:166 Resp: 1851395

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.1	117.1
167	13.6	10.6	16.0



ICAL Form



#59
2,3,4,6-Tetrachlorophenol
Concen: 39.197 ng
RT: 14.942 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:232 Resp: 474164

Ion	Ratio	Lower	Upper
232	100		
131	45.1	35.2	52.8
130	2.3	1.7	2.5
166	30.9	24.6	36.8

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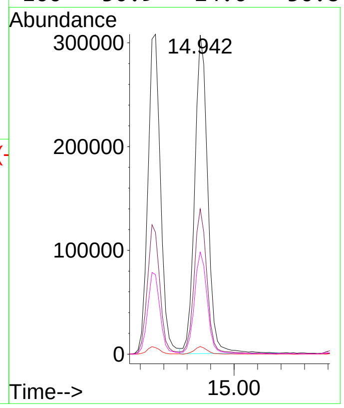
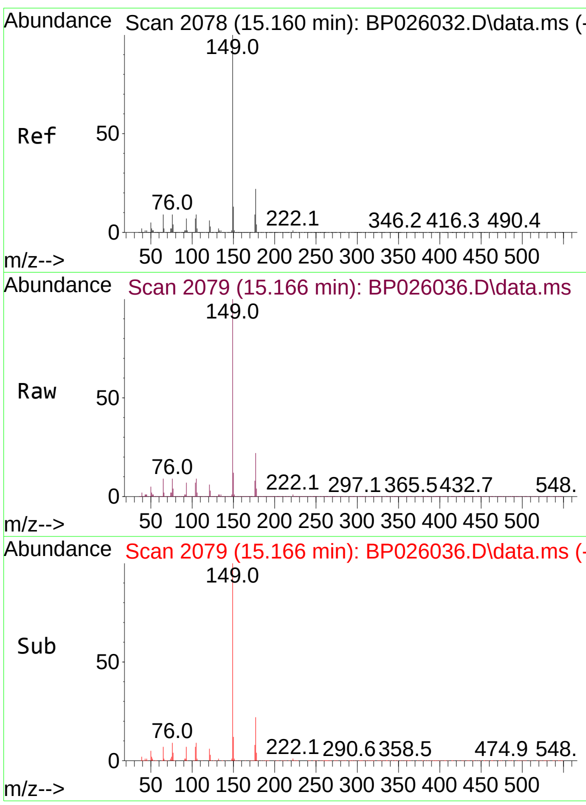
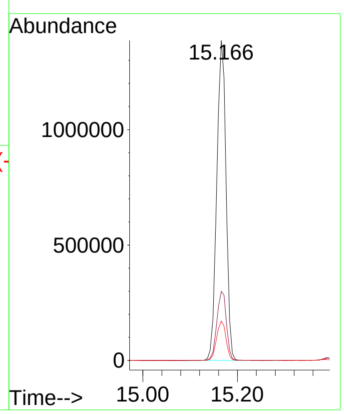




#60
Diethylphthalate
Concen: 35.015 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:149 Resp: 1879900

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.9	26.9
150	12.3	10.1	15.1



Instrument : BNA_P
ClientSampleId : ICVBP102925

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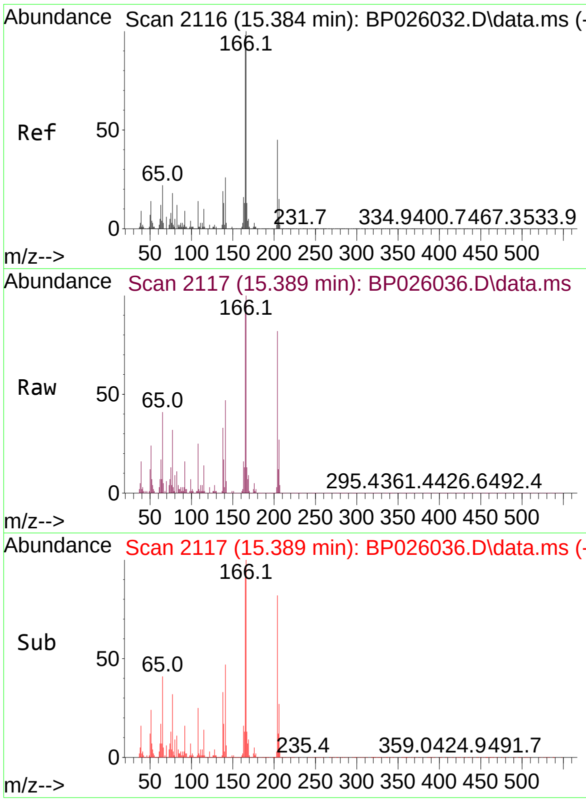
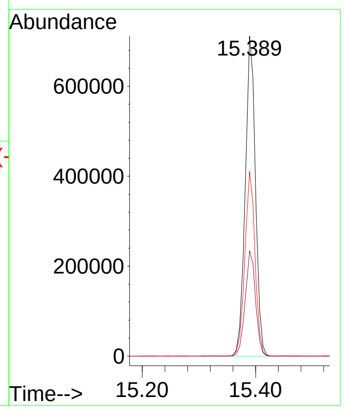
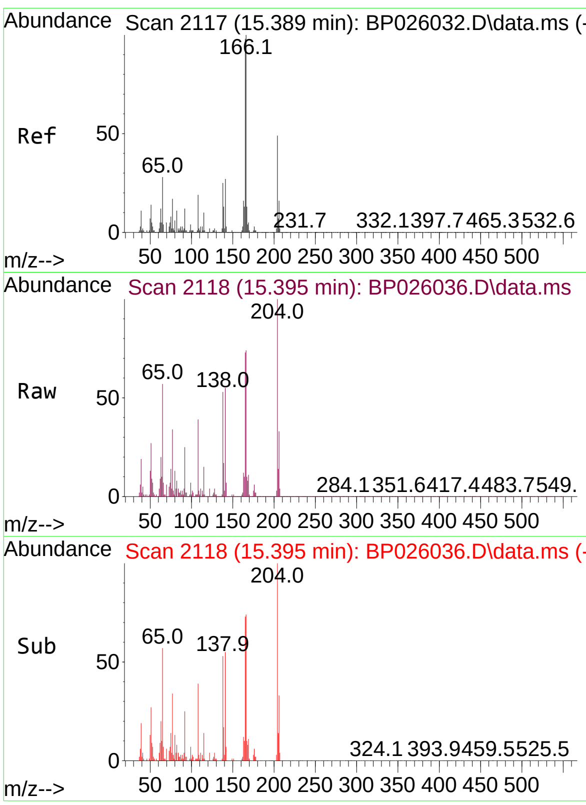


#61
4-Chlorophenyl-phenylether
Concen: 33.928 ng
RT: 15.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:204 Resp: 88755

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	57.7	47.0	70.4

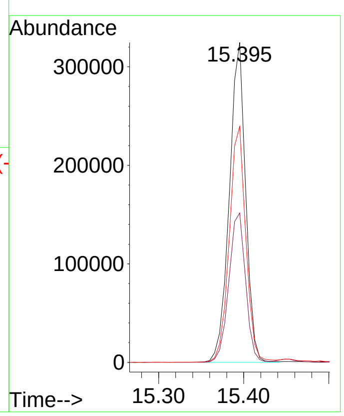




#62
4-Nitroaniline
Concen: 37.891 ng
RT: 15.395 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:138 Resp: 432391

Ion	Ratio	Lower	Upper
138	100		
92	46.7	28.2	68.2
108	73.7	56.0	96.0



Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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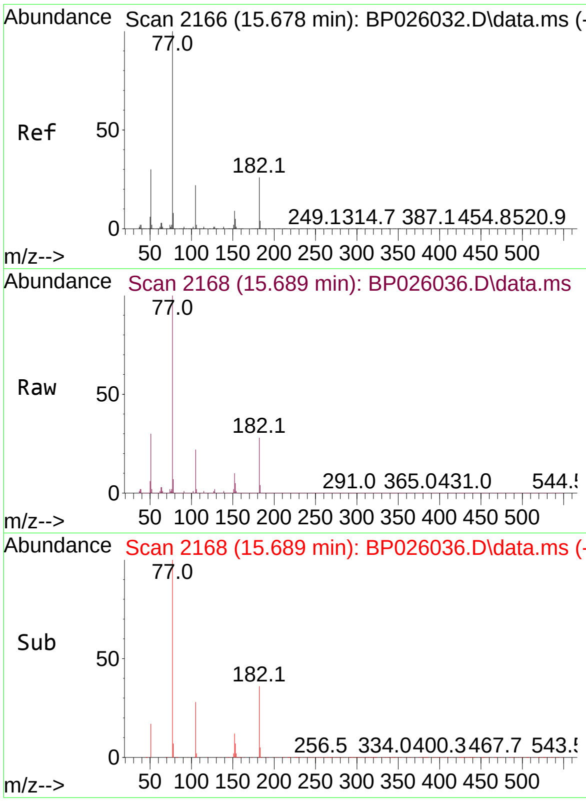
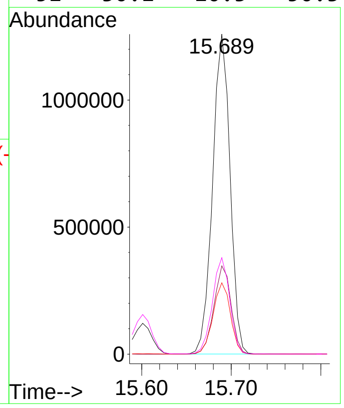
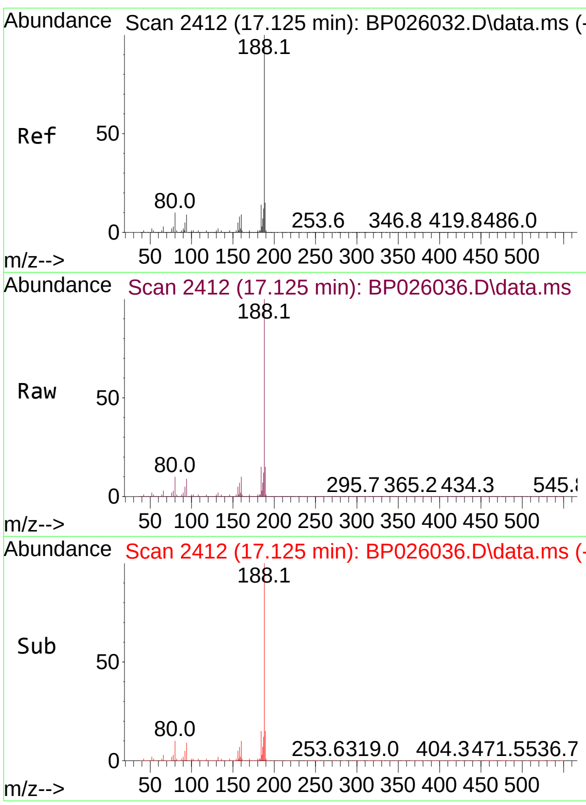


#63
Azobenzene
Concen: 35.051 ng
RT: 15.689 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 77 Resp: 170548

Ion	Ratio	Lower	Upper
77	100		
182	27.6	6.4	46.4
105	22.3	2.2	42.2
51	30.1	10.3	50.3

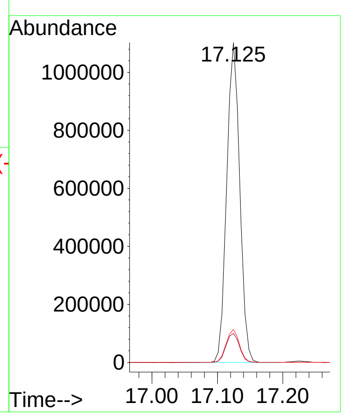


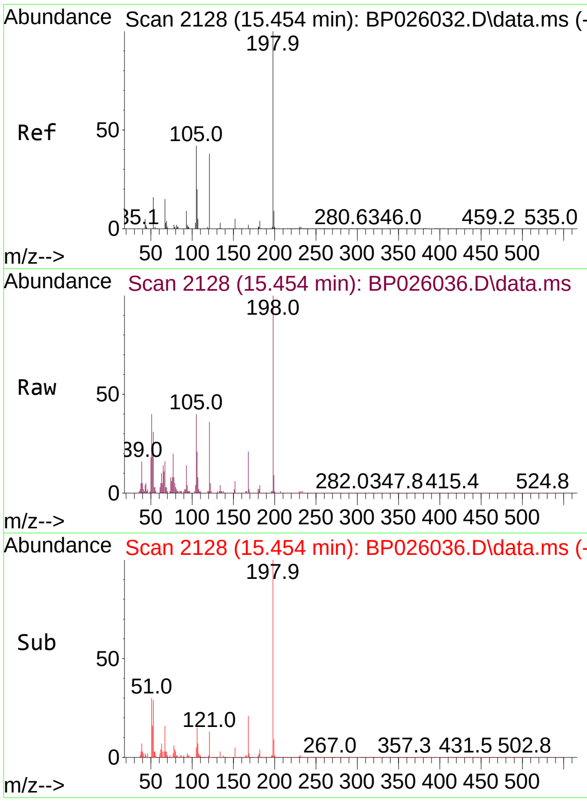


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:188 Resp: 1529844

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	10.3	7.9	11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 35.409 ng
RT: 15.454 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:198 Resp: 20007

Ion	Ratio	Lower	Upper
198	100		
51	40.3	25.2	65.2
105	39.8	23.7	63.7

Manual Integrations
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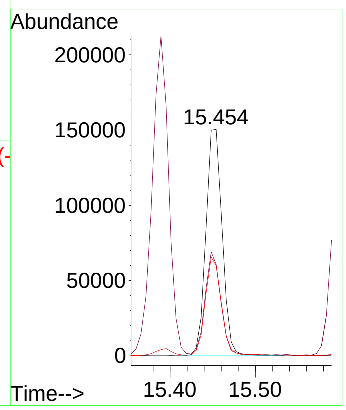
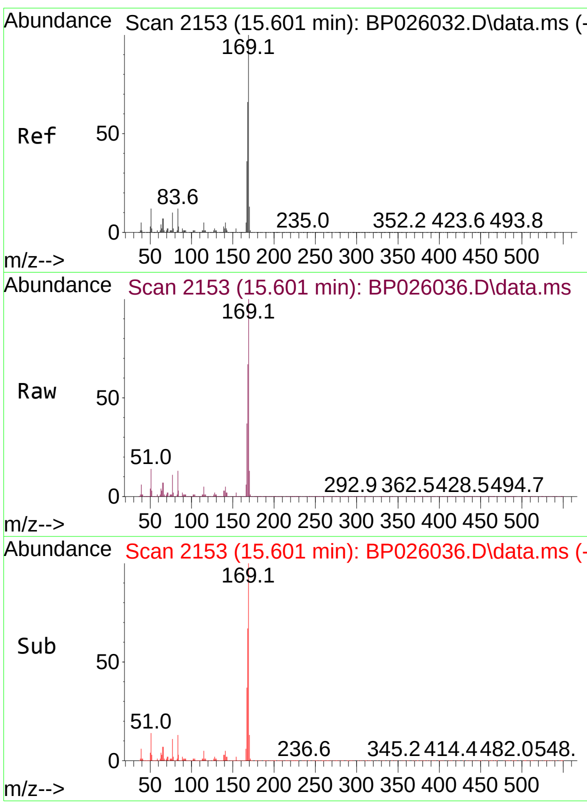
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

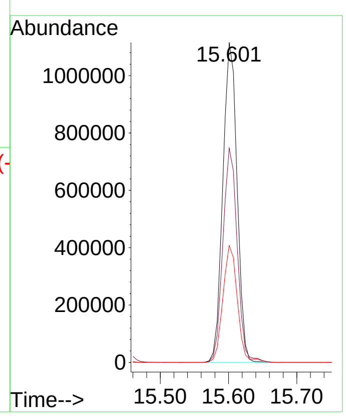




#66
n-Nitrosodiphenylamine
Concen: 33.661 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:169 Resp: 1610105

Ion	Ratio	Lower	Upper
169	100		
168	66.9	52.9	79.3
167	36.5	28.9	43.3



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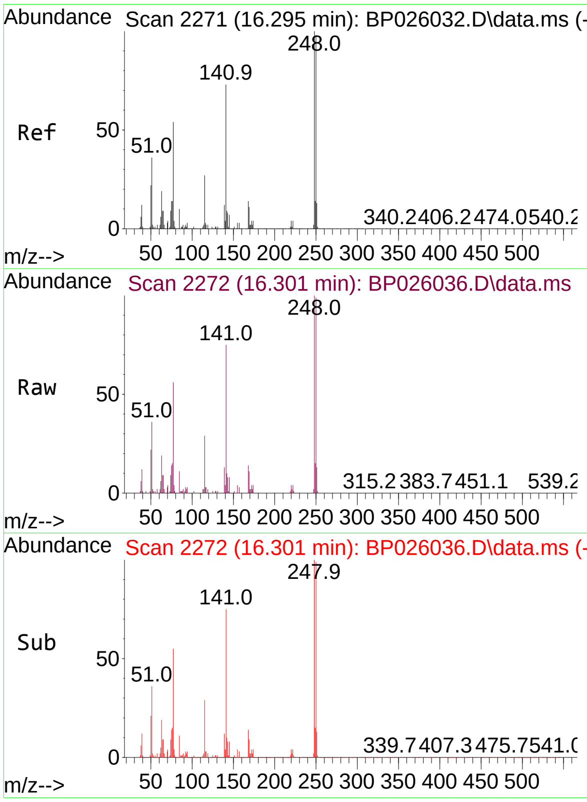

#67
4-Bromophenyl-phenylether
Concen: 32.800 ng
RT: 16.301 min Scan# 22
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:248 Resp: 55662

Ion	Ratio	Lower	Upper
248	100		
250	99.4	78.4	117.6
141	75.0	58.3	87.5

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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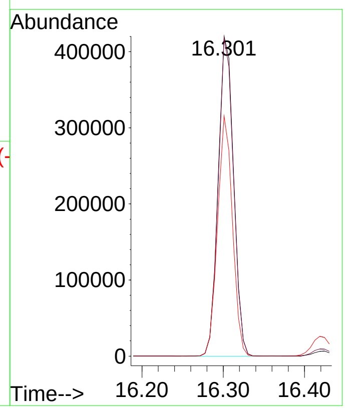
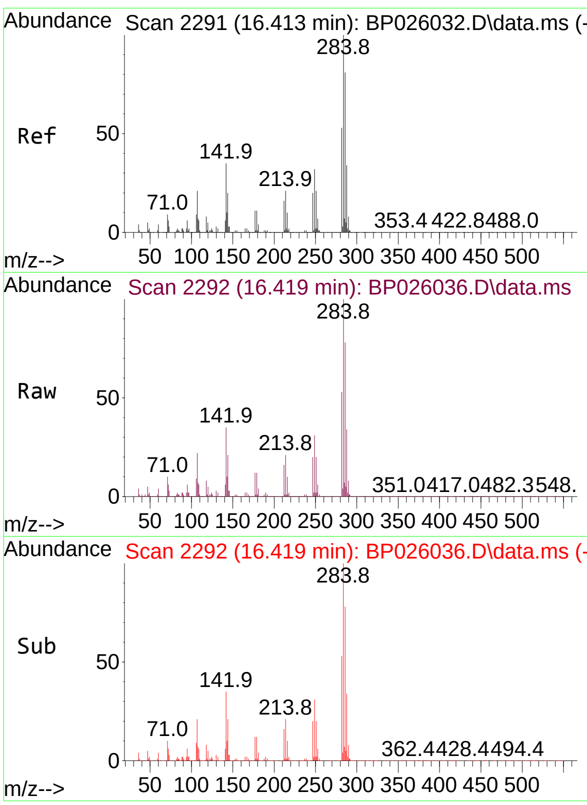
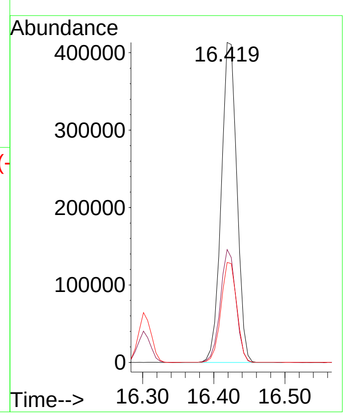




#68
Hexachlorobenzene
Concen: 32.804 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:284 Resp: 633716

Ion	Ratio	Lower	Upper
284	100		
142	35.3	27.7	41.5
249	31.2	25.5	38.3



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Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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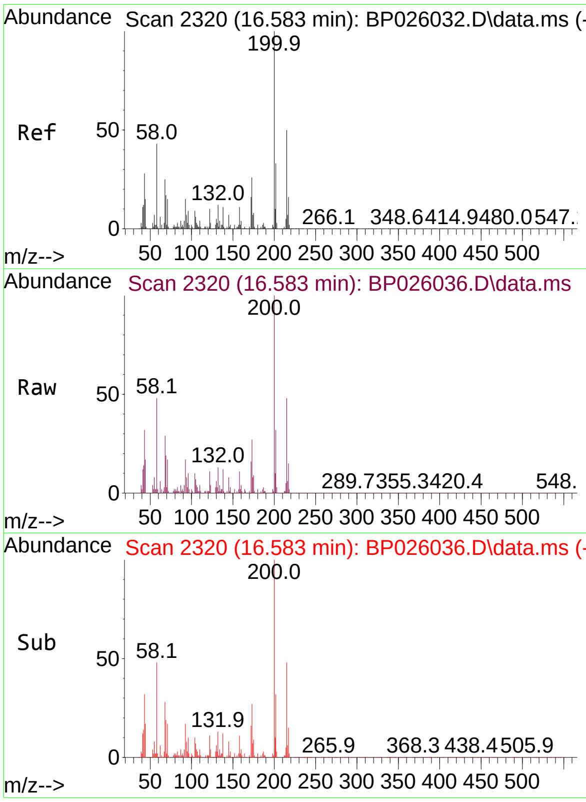
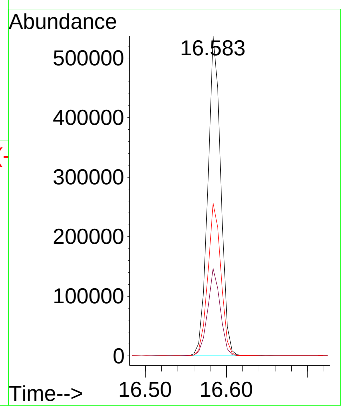
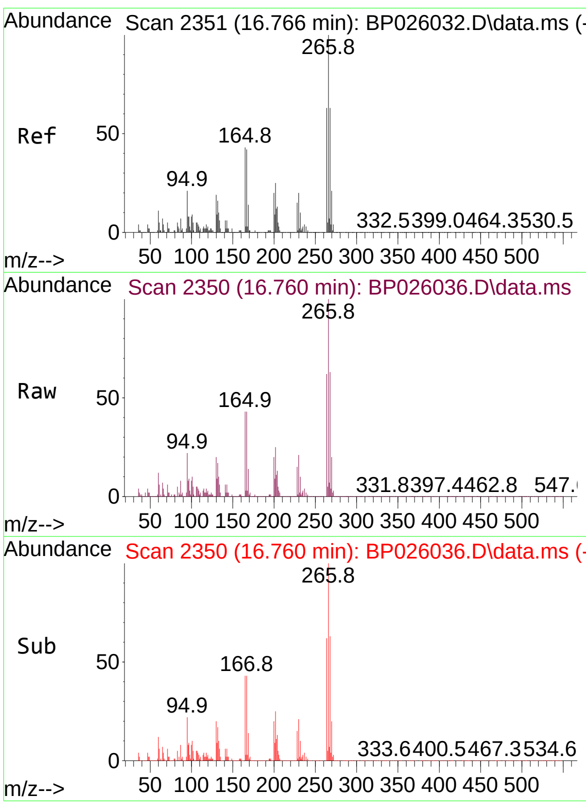


#69
Atrazine
Concen: 37.108 ng
RT: 16.583 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:200 Resp: 59877

Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.2	46.2
215	47.7	29.8	69.8

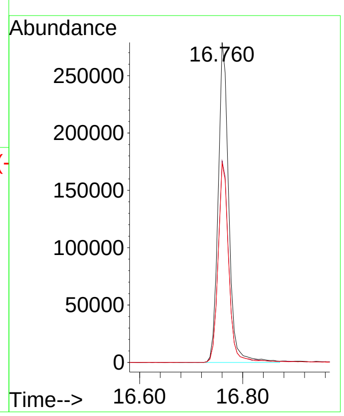




#70
Pentachlorophenol
Concen: 33.716 ng
RT: 16.760 min Scan# 2350
Delta R.T. -0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:266 Resp: 397848

Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.6	76.0
264	62.1	50.2	75.4



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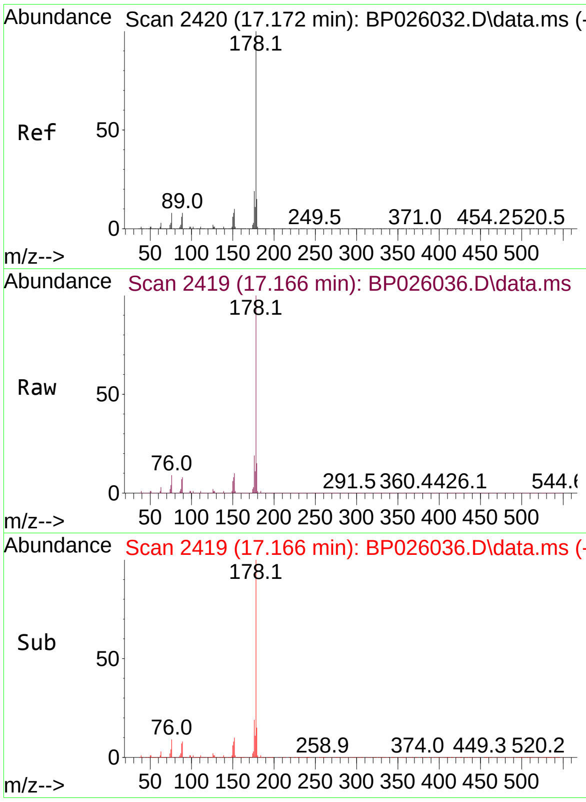

#71
Phenanthrene
Concen: 32.726 ng
RT: 17.166 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:178 Resp: 2914044

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.3	12.3	18.5

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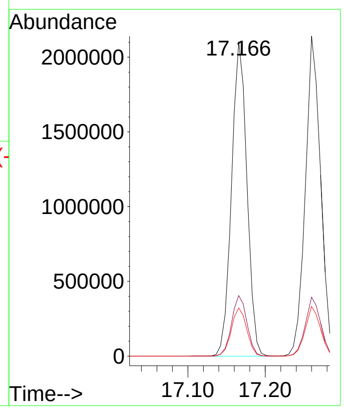
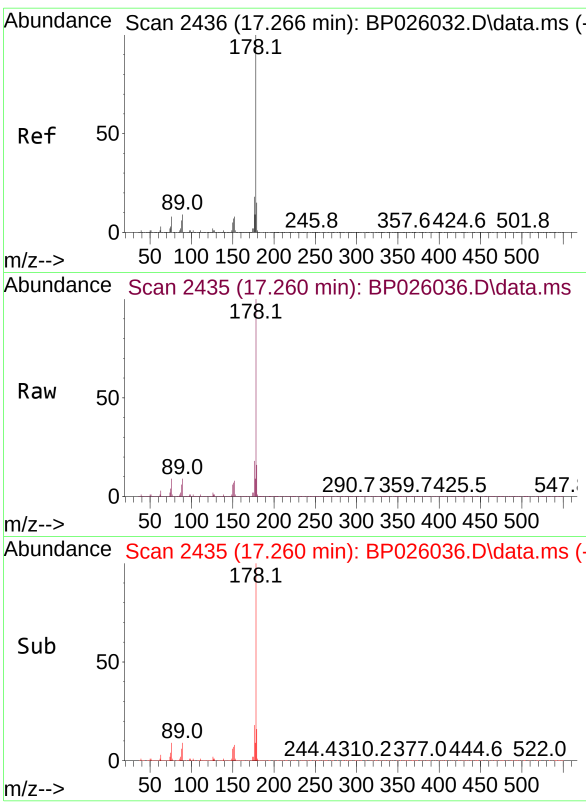
Supervised By :Jagrut Upadhyay 11/04/2025

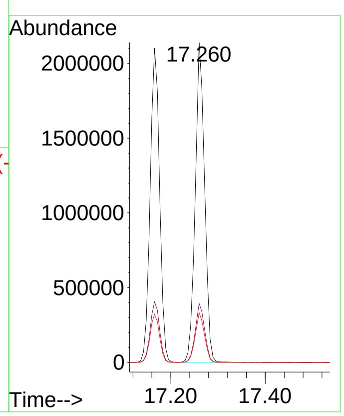


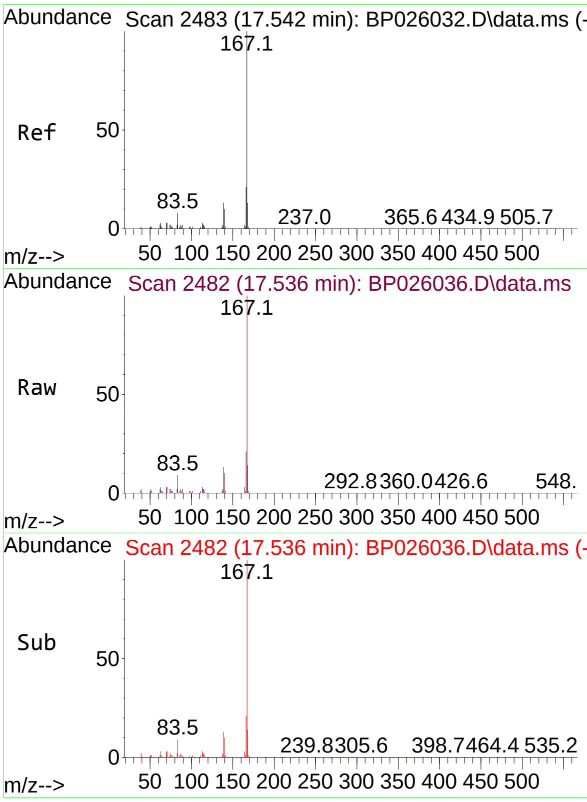


#72
Anthracene
Concen: 33.409 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:178 Resp: 2948850

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





#73
Carbazole
Concen: 33.421 ng
RT: 17.536 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:167 Resp: 279240

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.7	10.2	15.2

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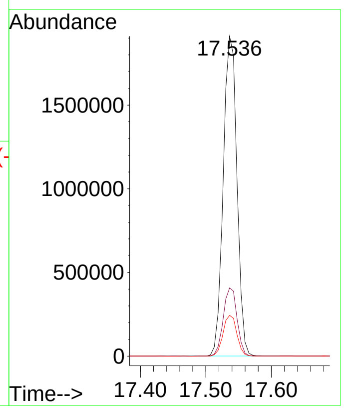
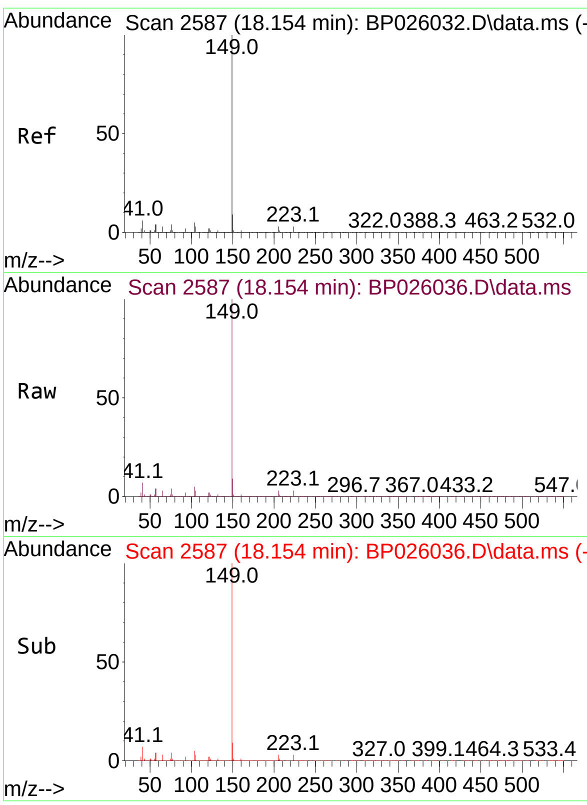
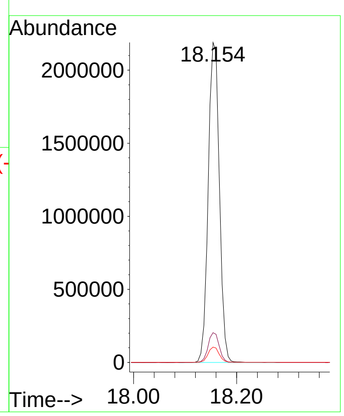


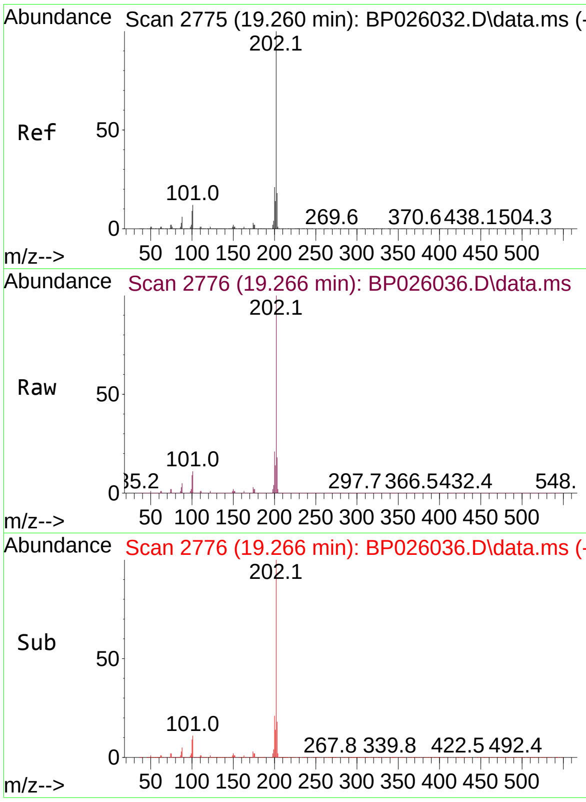


#74
Di-n-butylphthalate
Concen: 35.126 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:149 Resp: 3284045

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.8	3.8	5.6





#75
Fluoranthene
Concen: 33.126 ng
RT: 19.266 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:202 Resp: 3440878

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.1
203	17.7	0.0	37.6

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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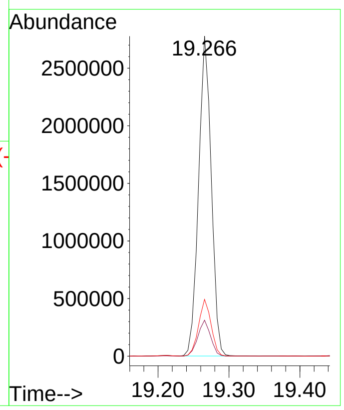
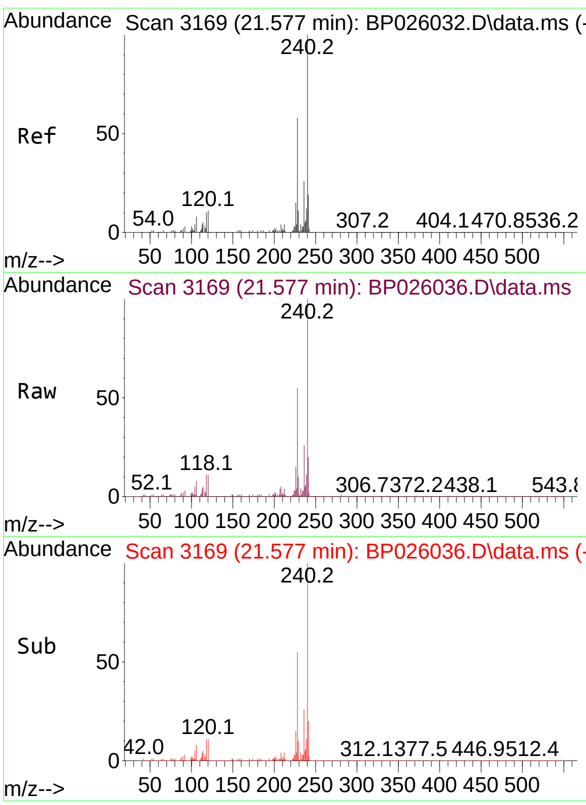
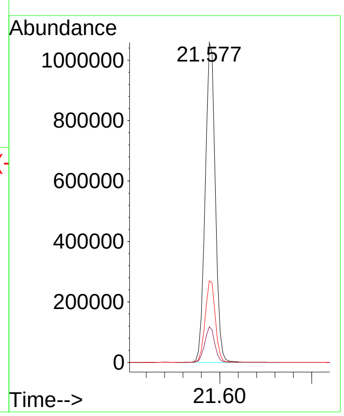




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:240 Resp: 1603754

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.5	20.6	31.0



Instrument : BNA_P
ClientSampleId : ICVBP102925

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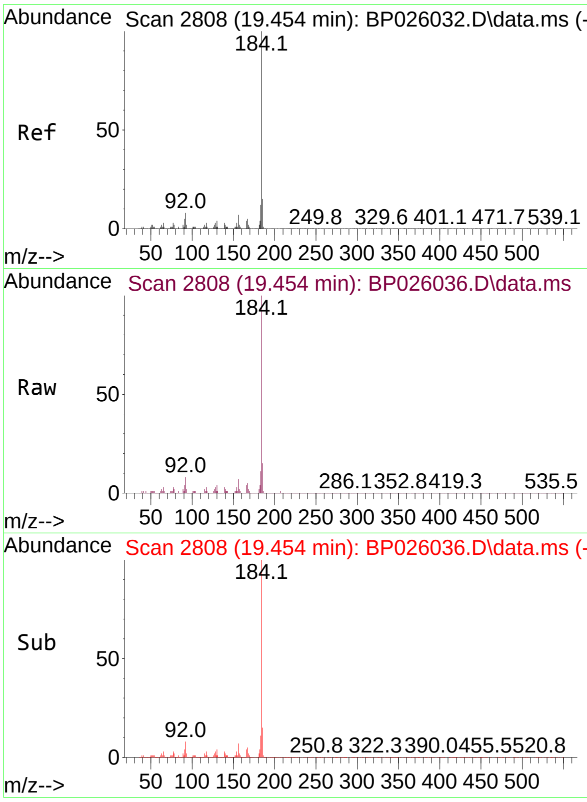
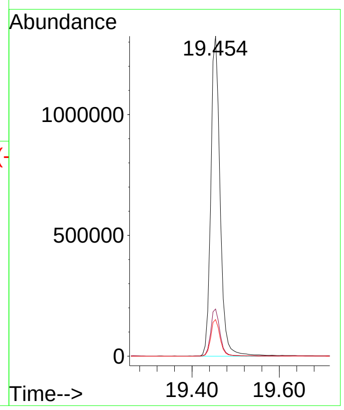
Supervised By :Jagrut Upadhyay 11/04/2025

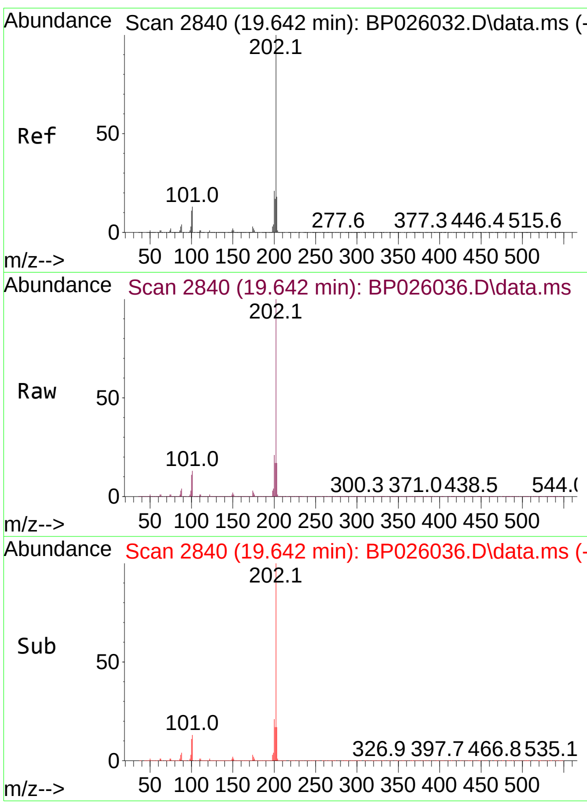


#77
Benzidine
Concen: 48.151 ng
RT: 19.454 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:184 Resp: 196009

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.9	17.9
183	11.4	9.2	13.8

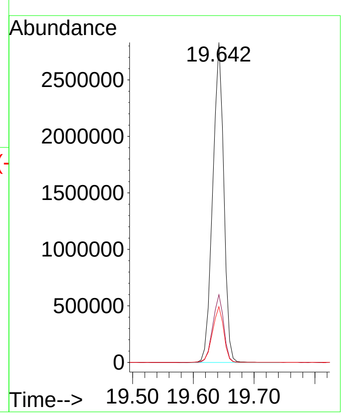




#78
Pyrene
Concen: 32.912 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:202 Resp: 3569948

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.4	14.0	21.0



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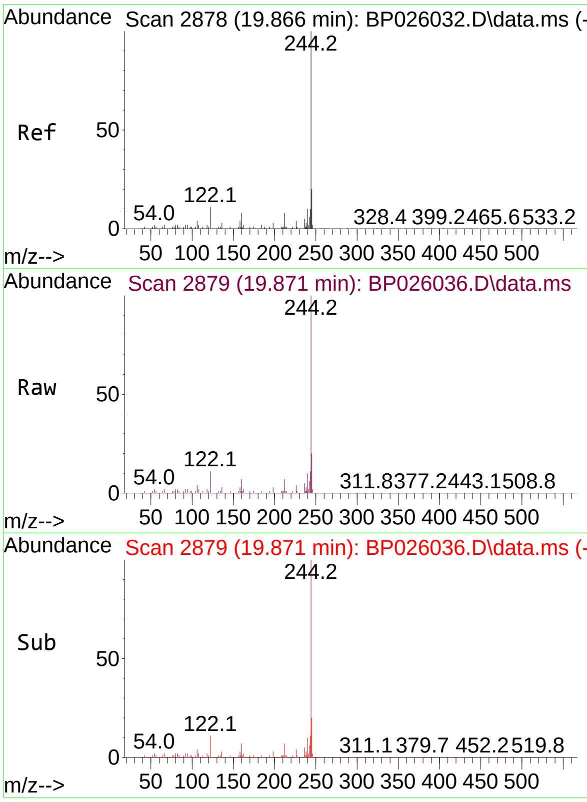
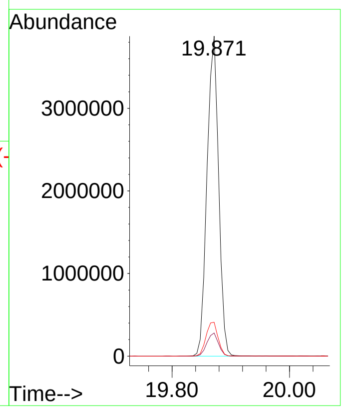


#79
Terphenyl-d14
Concen: 67.515 ng
RT: 19.871 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:244 Resp: 532946

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.6	9.0	13.6



Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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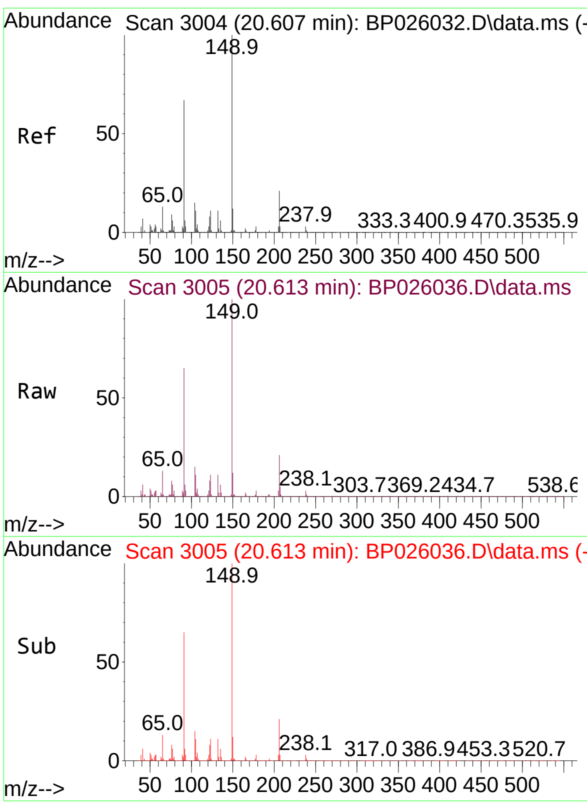
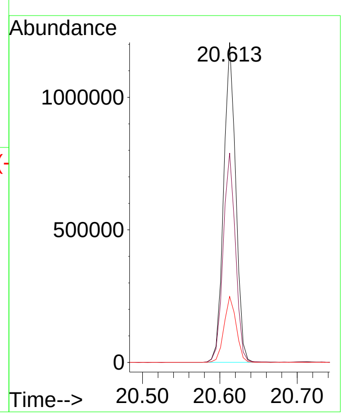
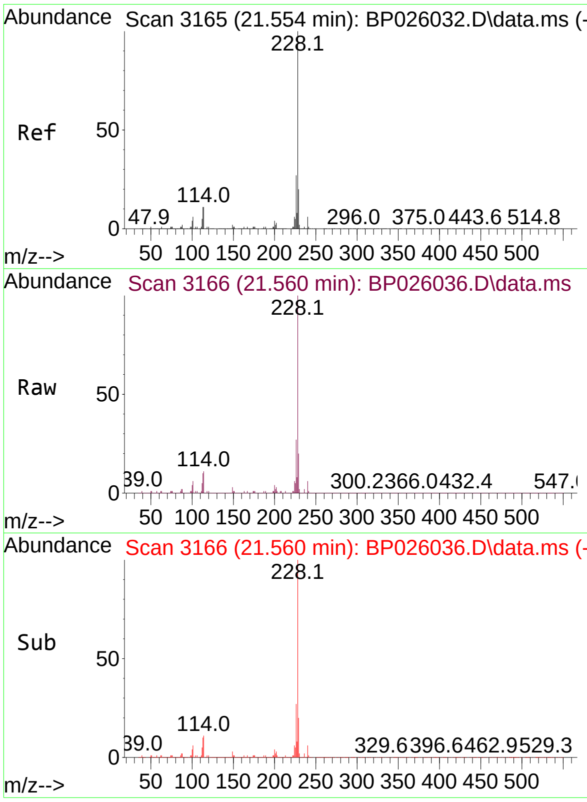


#80
Butylbenzylphthalate
Concen: 33.630 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:149 Resp: 1317625

Ion	Ratio	Lower	Upper
149	100		
91	65.4	53.5	80.3
206	20.6	16.6	25.0






```
#81
Benzo(a)anthracene
Concen:   33.052 ng
RT:  21.560 min  Scan# 31
Delta R.T.  0.012 min
Lab File:   BP026036.D
Acq: 29 Oct 2025  16:09

Tgt Ion:228 Resp: 364248
Ion  Ratio  Lower  Upper
228  100
226   27.2   21.7   32.5
229   19.7   15.8   23.8
```

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Manual Integrations
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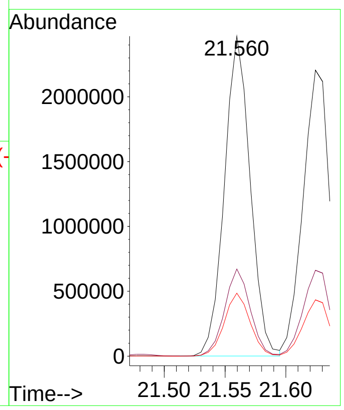
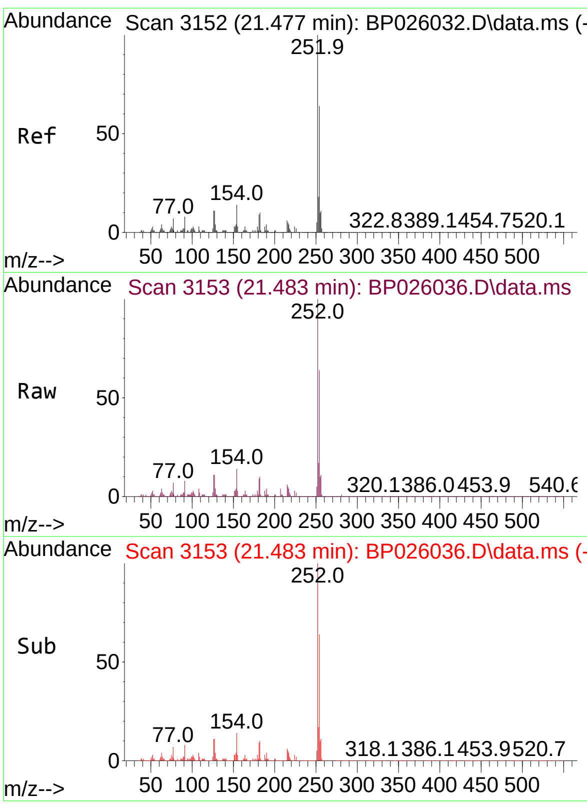
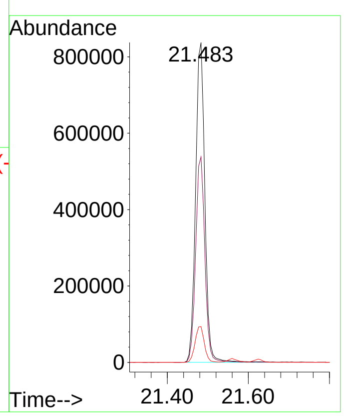
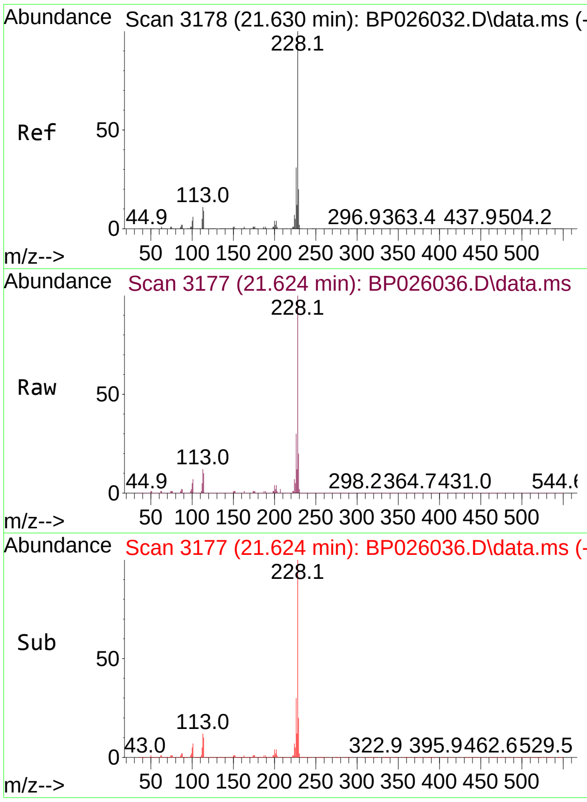





```
#82
3,3'-Dichlorobenzidine
Concen:   37.253 ng
RT:  21.483 min  Scan# 3153
Delta R.T.  0.006 min
Lab File:   BP026036.D
Acq: 29 Oct 2025  16:09

Tgt Ion:252 Resp: 1322765
Ion  Ratio  Lower  Upper
252  100
254   64.2   51.3   76.9
126   11.2    9.1   13.7
```





#83
Chrysene
Concen: 32.526 ng
RT: 21.624 min   Scan# 31
Delta R.T.   0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025   16:09

Tgt Ion:228 Resp: 3395520
Ion   Ratio   Lower   Upper
228   100
226   30.0   24.4   36.6
229   19.7   16.0   24.0

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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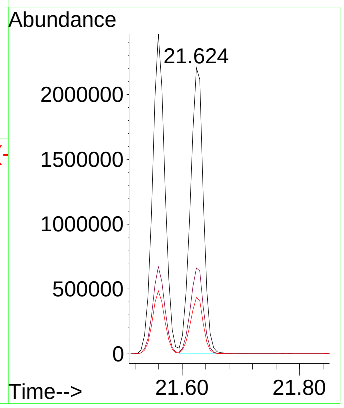
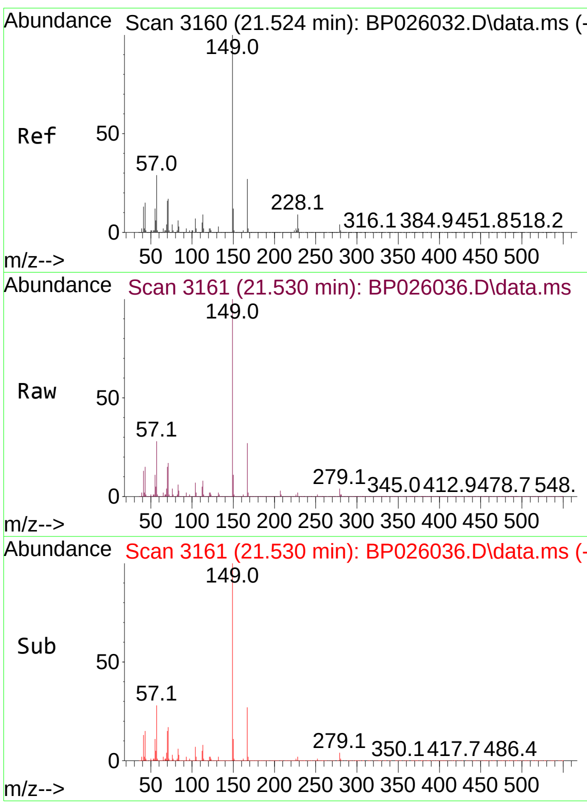
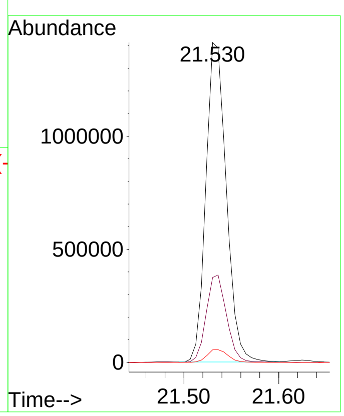




#84
Bis(2-ethylhexyl)phthalate
Concen: 33.750 ng
RT: 21.530 min   Scan# 3161
Delta R.T.   0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025   16:09

Tgt Ion:149 Resp: 2128720
Ion   Ratio   Lower   Upper
149   100
167   26.5   21.5   32.3
279   3.9   3.0   4.6



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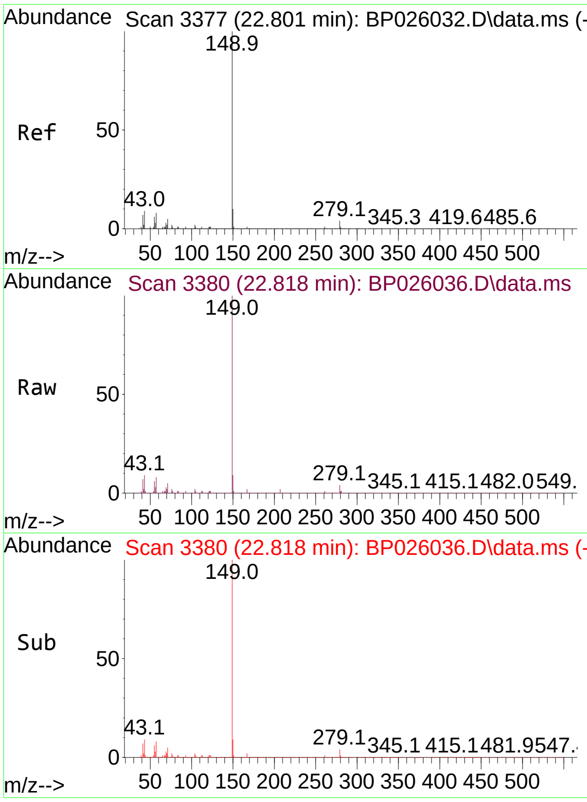

#85
Di-n-octyl phthalate
Concen: 33.668 ng
RT: 22.818 min Scan# 3
Delta R.T. 0.017 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:149 Resp: 3214231

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.2	7.6	11.4

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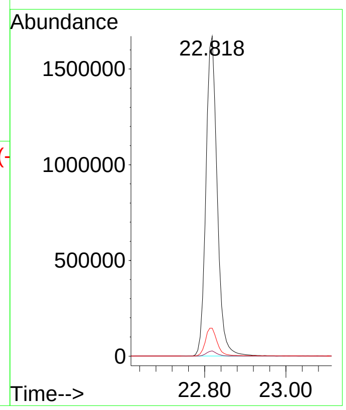
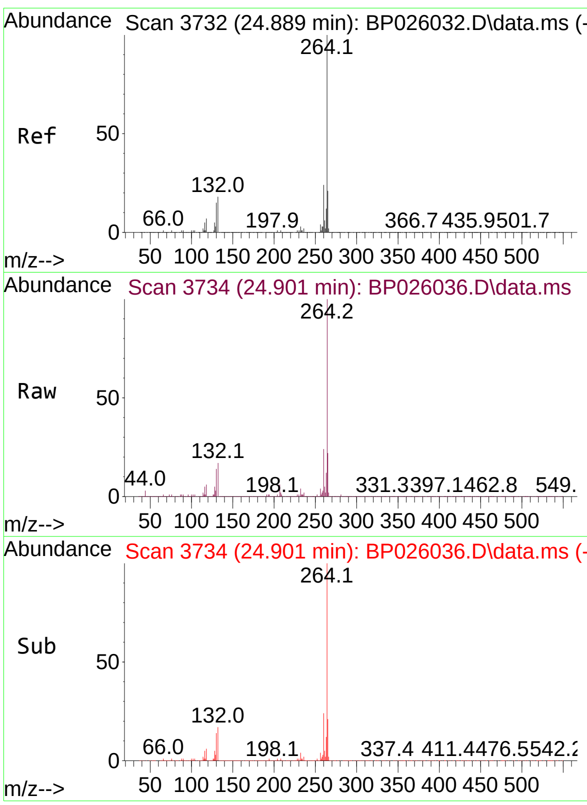
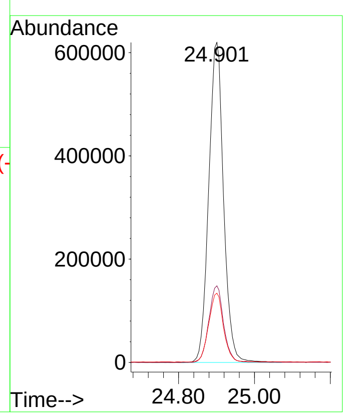




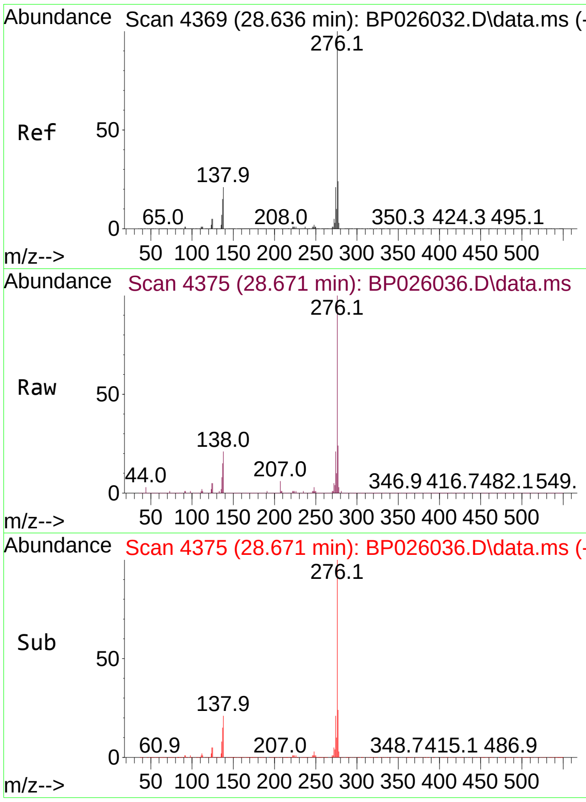
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3734
Delta R.T. 0.018 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:264 Resp: 1688986

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.6	17.2	25.8



ICAL Form



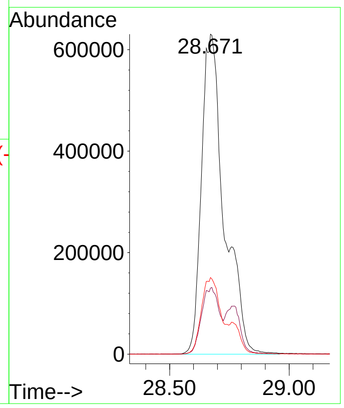
#87
Indeno(1,2,3-cd)pyrene
Concen: 33.295 ng m
RT: 28.671 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

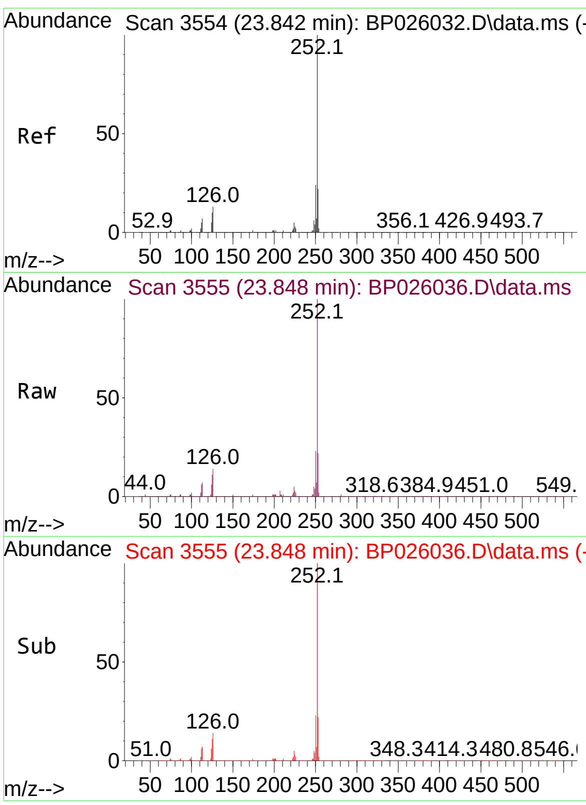
Tgt Ion:276 Resp: 415159

Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.2	19.8
277	20.5	16.3	24.5

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

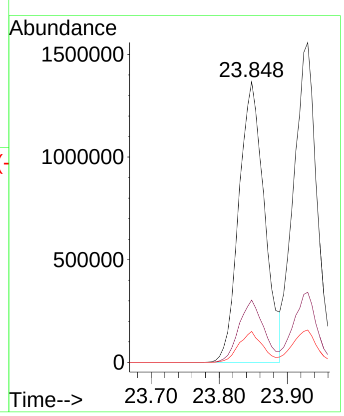




#88
Benzo(b)fluoranthene
Concen: 34.098 ng
RT: 23.848 min Scan# 3555
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:252 Resp: 3575209

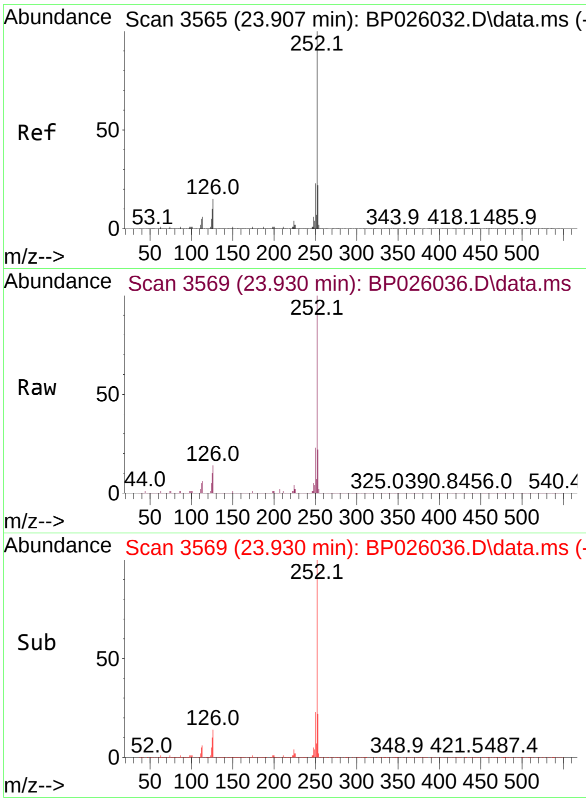
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	11.0	8.1	12.1



Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Manual Integrations APPROVED

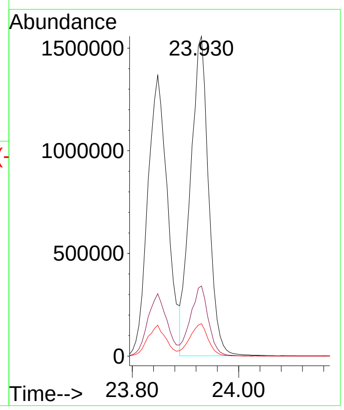
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

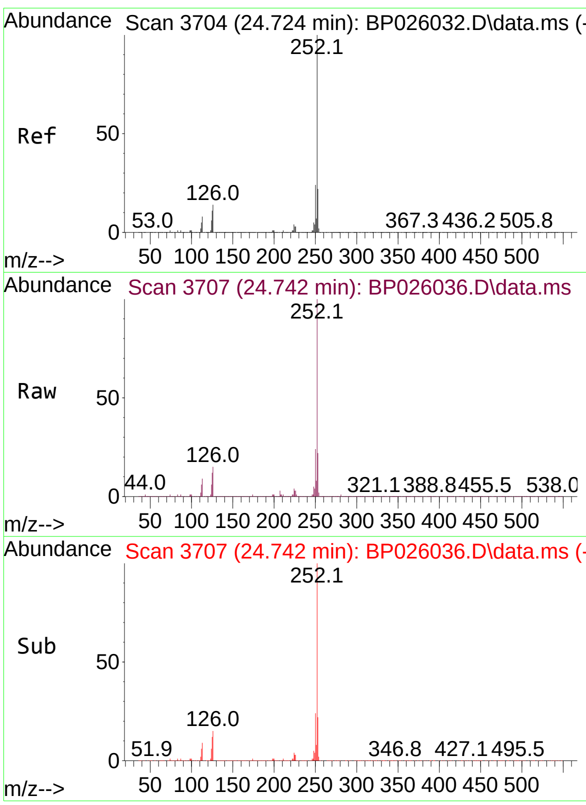


#89
Benzo(k)fluoranthene
Concen: 34.381 ng
RT: 23.930 min Scan# 35
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:252 Resp: 368117

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.1	8.1	12.1

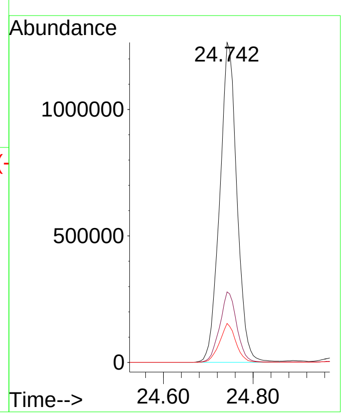




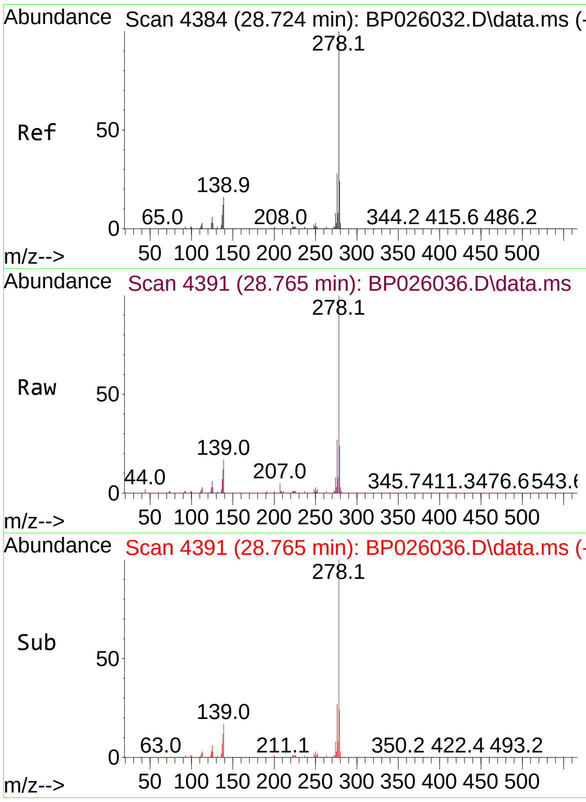
#90
Benzo(a)pyrene
Concen: 35.024 ng
RT: 24.742 min Scan# 3707
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:252 Resp: 3373695

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	12.2	9.1	13.7



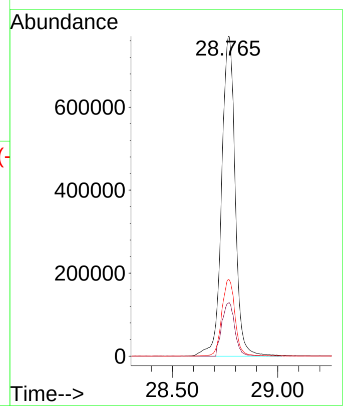
ICAL Form



#91
Dibenzo(a,h)anthracene
Concen: 33.879 ng
RT: 28.765 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

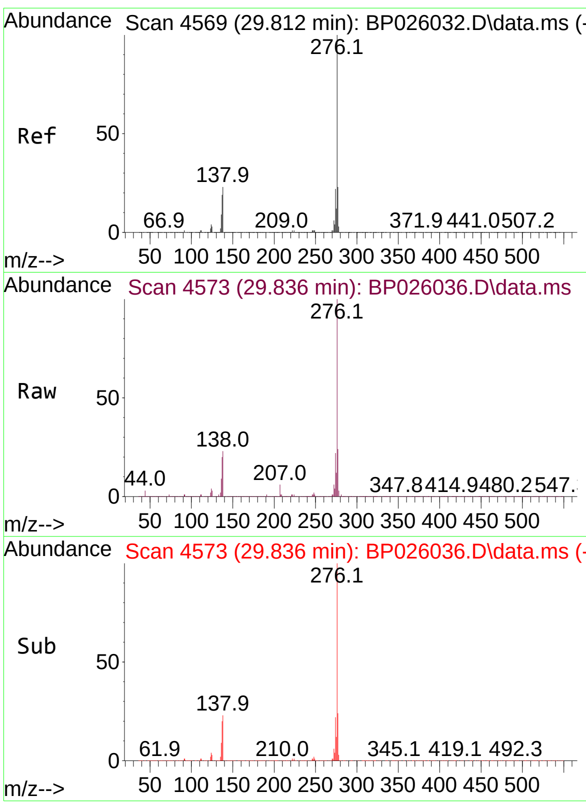
Tgt Ion:278 Resp: 343782

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.0	19.6
279	24.0	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
ICVBP102925

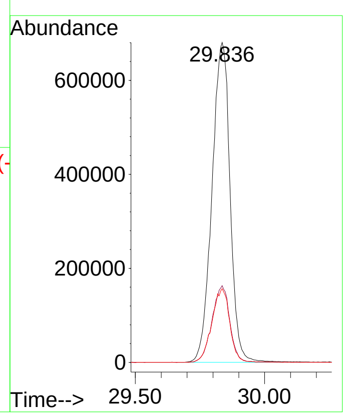
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#92
Benzo(g,h,i)perylene
Concen: 33.862 ng
RT: 29.836 min Scan# 4573
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:276 Resp: 3306526

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	23.0	18.1	27.1



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 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	96	-0.05
2		1,4-Dioxane	0.511	0.425	16.8	79	-0.02
3		Pyridine	1.453	1.186	18.4	77	-0.03
4		n-Nitrosodimethylamine	0.582	0.511	12.2	84	-0.03
5	S	2-Fluorophenol	1.212	1.037	14.4	80	-0.05
6		Aniline	2.059	1.845	10.4	84	-0.05
7	S	Phenol-d6	1.543	1.313	14.9	79	-0.05
8		2-Chlorophenol	1.342	1.161	13.5	80	-0.05
9		Benzaldehyde	0.802	0.923	-15.1	110	-0.05
10	C	Phenol	1.713	1.448	15.5	79	-0.05
11		bis(2-Chloroethyl)ether	1.352	1.145	15.3	80	-0.05
12		1,3-Dichlorobenzene	1.541	1.331	13.6	81	-0.05
13	C	1,4-Dichlorobenzene	1.558	1.367	12.3	83	-0.05
14		1,2-Dichlorobenzene	1.487	1.305	12.2	83	-0.04
15		Benzyl Alcohol	1.112	0.978	12.1	83	-0.05
16		2,2'-oxybis(1-Chloropropane	2.043	1.712	16.2	78	-0.03
17		2-Methylphenol	1.121	0.981	12.5	80	-0.04
18		Hexachloroethane	0.533	0.461	13.5	80	-0.05
19	P	n-Nitroso-di-n-propylamine	0.958	0.870	9.2	82	-0.05
20		3+4-Methylphenols	1.560	1.336	14.4	80	-0.05
21	I	Naphthalene-d8	1.000	1.000	0.0	97	-0.04
22		Acetophenone	0.506	0.452	10.7	85	-0.05
23	S	Nitrobenzene-d5	0.321	0.275	14.3	79	-0.04
24		Nitrobenzene	0.339	0.295	13.0	80	-0.04
25		Isophorone	0.687	0.602	12.4	81	-0.05
26	C	2-Nitrophenol	0.104	0.110	-5.8	83	-0.04
27		2,4-Dimethylphenol	0.289	0.271	6.2	87	-0.05
28		bis(2-Chloroethoxy)methane	0.433	0.373	13.9	81	-0.03
29	C	2,4-Dichlorophenol	0.305	0.264	13.4	78	-0.03
30		1,2,4-Trichlorobenzene	0.331	0.294	11.2	84	-0.04
31		Naphthalene	1.091	0.924	15.3	80	-0.04
32		Benzoic acid	0.163	0.151	7.4	87	-0.09
33		4-Chloroaniline	0.419	0.407	2.9	90	-0.03
34	C	Hexachlorobutadiene	0.211	0.178	15.6	80	-0.04
35		Caprolactam	0.107	0.093	13.1	80	-0.07
36	C	4-Chloro-3-methylphenol	0.320	0.277	13.4	78	-0.04
37		2-Methylnaphthalene	0.763	0.591	22.5	72	-0.03
38		1-Methylnaphthalene	0.742	0.611	17.7	77	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	96	0.00
40		1,2,4,5-Tetrachlorobenzene	0.621	0.536	13.7	81	-0.03
41	P	Hexachlorocyclopentadiene	0.227	0.268	-18.1	109	-0.03
42	S	2,4,6-Tribromophenol	0.216	0.197	8.8	80	0.00
43	C	2,4,6-Trichlorophenol	0.367	0.333	9.3	80	-0.02
44		2,4,5-Trichlorophenol	0.419	0.370	11.7	78	-0.03
45	S	2-Fluorobiphenyl	1.392	1.166	16.2	79	-0.02
46		1,1'-Biphenyl	1.531	1.343	12.3	83	-0.02
47		2-Chloronaphthalene	1.205	1.002	16.8	78	-0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 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	0.272	0.255	6.3	81	-0.02
49		Acenaphthylene	1.756	1.709	2.7	90	0.00
50		Dimethylphthalate	1.455	1.277	12.2	81	-0.01
51		2,6-Dinitrotoluene	0.237	0.250	-5.5	91	-0.01
52	C	Acenaphthene	1.206	0.993	17.7	76	0.00
53		3-Nitroaniline	0.291	0.290	0.3	86	-0.01
54	P	2,4-Dinitrophenol	0.100	0.086	14.0	83	0.00
55		Dibenzofuran	1.822	1.545	15.2	79	0.00
56	P	4-Nitrophenol	0.290	0.237	18.3	80	-0.01
57		2,4-Dinitrotoluene	0.347	0.340	2.0	83	0.00
58		Fluorene	1.427	1.261	11.6	84	0.00
59		2,3,4,6-Tetrachlorophenol	0.330	0.323	2.1	85	-0.01
60		Diethylphthalate	1.463	1.280	12.5	79	0.00
61		4-Chlorophenyl-phenylether	0.713	0.604	15.3	79	0.00
62		4-Nitroaniline	0.311	0.294	5.5	83	0.00
63		Azobenzene	1.325	1.161	12.4	81	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	98	0.00
65		4,6-Dinitro-2-methylphenol	0.077	0.065	15.6	84	0.00
66	c	n-Nitrosodiphenylamine	0.625	0.526	15.8	80	0.00
67		4-Bromophenyl-phenylether	0.222	0.182	18.0	78	0.00
68		Hexachlorobenzene	0.253	0.207	18.2	79	0.00
69		Atrazine	0.211	0.196	7.1	88	0.00
70	C	Pentachlorophenol	0.154	0.130	15.6	80	0.00
71		Phenanthrene	1.164	0.952	18.2	79	0.00
72		Anthracene	1.154	0.964	16.5	81	0.00
73		Carbazole	1.092	0.913	16.4	79	0.00
74		Di-n-butylphthalate	1.222	1.073	12.2	79	0.00
75	C	Fluoranthene	1.358	1.125	17.2	78	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	97	0.01
77		Benzidine	0.508	0.611	-20.3	115	0.00
78		Pyrene	1.353	1.113	17.7	76	0.00
79	S	Terphenyl-d14	0.984	0.831	15.5	80	0.00
80		Butylbenzylphthalate	0.432	0.411	4.9	81	0.00
81		Benzo(a)anthracene	1.374	1.136	17.3	78	0.01
82		3,3'-Dichlorobenzidine	0.443	0.412	7.0	87	0.00
83		Chrysene	1.302	1.059	18.7	77	0.00
84		Bis(2-ethylhexyl)phthalate	0.718	0.664	7.5	78	0.01
85	c	Di-n-octyl phthalate	1.191	1.002	15.9	76	0.02
86	I	Perylene-d12	1.000	1.000	0.0	96	0.02
87		Indeno(1,2,3-cd)pyrene	1.477	1.229	16.8	75	0.01
88		Benzo(b)fluoranthene	1.242	1.058	14.8	78	0.00
89		Benzo(k)fluoranthene	1.268	1.090	14.0	79	0.00
90	C	Benzo(a)pyrene	1.141	0.999	12.4	79	0.00
91		Dibenzo(a,h)anthracene	1.202	1.018	15.3	77	0.02
92		Benzo(g,h,i)perylene	1.156	0.979	15.3	77	0.00

ICAL Form

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On    : 29 Oct 2025  16:09
Operator  : RC/JU
Sample    : SSTDICV040
Misc      :
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 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
```

ICAL Form

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 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	96	-0.05
2		1,4-Dioxane	40.000	33.303	16.7	79	-0.02
3		Pyridine	40.000	32.670	18.3	77	-0.03
4		n-Nitrosodimethylamine	40.000	35.142	12.1	84	-0.03
5	S	2-Fluorophenol	80.000	68.429	14.5	80	-0.05
6		Aniline	40.000	35.839	10.4	84	-0.05
7	S	Phenol-d6	80.000	68.090	14.9	79	-0.05
8		2-Chlorophenol	40.000	34.596	13.5	80	-0.05
9		Benzaldehyde	40.000	46.027	-15.1	110	-0.05
10	C	Phenol	40.000	33.813	15.5	79	-0.05
11		bis(2-Chloroethyl)ether	40.000	33.880	15.3	80	-0.05
12		1,3-Dichlorobenzene	40.000	34.538	13.7	81	-0.05
13	C	1,4-Dichlorobenzene	40.000	35.099	12.3	83	-0.05
14		1,2-Dichlorobenzene	40.000	35.092	12.3	83	-0.04
15		Benzyl Alcohol	40.000	35.185	12.0	83	-0.05
16		2,2'-oxybis(1-Chloropropane	40.000	33.526	16.2	78	-0.03
17		2-Methylphenol	40.000	34.998	12.5	80	-0.04
18		Hexachloroethane	40.000	34.560	13.6	80	-0.05
19	P	n-Nitroso-di-n-propylamine	40.000	36.340	9.1	82	-0.05
20		3+4-Methylphenols	40.000	34.245	14.4	80	-0.05
21	I	Naphthalene-d8	20.000	20.000	0.0	97	-0.04
22		Acetophenone	40.000	35.756	10.6	85	-0.05
23	S	Nitrobenzene-d5	80.000	68.652	14.2	79	-0.04
24		Nitrobenzene	40.000	34.825	12.9	80	-0.04
25		Isophorone	40.000	35.069	12.3	81	-0.05
26	C	2-Nitrophenol	40.000	36.106	9.7	83	-0.04
27		2,4-Dimethylphenol	40.000	37.573	6.1	87	-0.05
28		bis(2-Chloroethoxy)methane	40.000	34.454	13.9	81	-0.03
29	C	2,4-Dichlorophenol	40.000	34.599	13.5	78	-0.03
30		1,2,4-Trichlorobenzene	40.000	35.441	11.4	84	-0.04
31		Naphthalene	40.000	33.888	15.3	80	-0.04
32		Benzoic acid	40.000	37.646	5.9	87	-0.09
33		4-Chloroaniline	40.000	38.877	2.8	90	-0.03
34	C	Hexachlorobutadiene	40.000	33.876	15.3	80	-0.04
35		Caprolactam	40.000	34.833	12.9	80	-0.07
36	C	4-Chloro-3-methylphenol	40.000	34.690	13.3	78	-0.04
37		2-Methylnaphthalene	40.000	30.988	22.5	72	-0.03
38		1-Methylnaphthalene	40.000	32.934	17.7	77	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	96	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	34.481	13.8	81	-0.03
41	P	Hexachlorocyclopentadiene	40.000	47.197	-18.0	109	-0.03
42	S	2,4,6-Tribromophenol	80.000	72.809	9.0	80	0.00
43	C	2,4,6-Trichlorophenol	40.000	36.282	9.3	80	-0.02
44		2,4,5-Trichlorophenol	40.000	35.326	11.7	78	-0.03
45	S	2-Fluorobiphenyl	80.000	67.037	16.2	79	-0.02
46		1,1'-Biphenyl	40.000	35.073	12.3	83	-0.02
47		2-Chloronaphthalene	40.000	33.277	16.8	78	-0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 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	33.821	15.4	81	-0.02
49	Acenaphthylene	40.000	38.923	2.7	90	0.00
50	Dimethylphthalate	40.000	35.112	12.2	81	-0.01
51	2,6-Dinitrotoluene	40.000	37.528	6.2	91	-0.01
52 C	Acenaphthene	40.000	32.961	17.6	76	0.00
53	3-Nitroaniline	40.000	36.037	9.9	86	-0.01
54 P	2,4-Dinitrophenol	40.000	36.040	9.9	83	0.00
55	Dibenzofuran	40.000	33.938	15.2	79	0.00
56 P	4-Nitrophenol	40.000	32.703	18.2	80	-0.01
57	2,4-Dinitrotoluene	40.000	35.013	12.5	83	0.00
58	Fluorene	40.000	35.342	11.6	84	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.197	2.0	85	-0.01
60	Diethylphthalate	40.000	35.015	12.5	79	0.00
61	4-Chlorophenyl-phenylether	40.000	33.928	15.2	79	0.00
62	4-Nitroaniline	40.000	37.891	5.3	83	0.00
63	Azobenzene	40.000	35.051	12.4	81	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	98	0.00
65	4,6-Dinitro-2-methylphenol	40.000	35.409	11.5	84	0.00
66 c	n-Nitrosodiphenylamine	40.000	33.661	15.8	80	0.00
67	4-Bromophenyl-phenylether	40.000	32.800	18.0	78	0.00
68	Hexachlorobenzene	40.000	32.804	18.0	79	0.00
69	Atrazine	40.000	37.108	7.2	88	0.00
70 C	Pentachlorophenol	40.000	33.716	15.7	80	0.00
71	Phenanthrene	40.000	32.726	18.2	79	0.00
72	Anthracene	40.000	33.409	16.5	81	0.00
73	Carbazole	40.000	33.421	16.4	79	0.00
74	Di-n-butylphthalate	40.000	35.126	12.2	79	0.00
75 C	Fluoranthene	40.000	33.126	17.2	78	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	97	0.01
77	Benzidine	40.000	48.151	-20.4	115	0.00
78	Pyrene	40.000	32.912	17.7	76	0.00
79 S	Terphenyl-d14	80.000	67.515	15.6	80	0.00
80	Butylbenzylphthalate	40.000	33.630	15.9	81	0.00
81	Benzo(a)anthracene	40.000	33.052	17.4	78	0.01
82	3,3'-Dichlorobenzidine	40.000	37.253	6.9	87	0.00
83	Chrysene	40.000	32.526	18.7	77	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	33.750	15.6	78	0.01
85 c	Di-n-octyl phthalate	40.000	33.668	15.8	76	0.02
86 I	Perylene-d12	20.000	20.000	0.0	96	0.02
87	Indeno(1,2,3-cd)pyrene	40.000	33.295	16.8	75	0.01
88	Benzo(b)fluoranthene	40.000	34.098	14.8	78	0.00
89	Benzo(k)fluoranthene	40.000	34.381	14.0	79	0.00
90 C	Benzo(a)pyrene	40.000	35.024	12.4	79	0.00
91	Dibenzo(a,h)anthracene	40.000	33.879	15.3	77	0.02
92	Benzo(g,h,i)perylene	40.000	33.862	15.3	77	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On   : 29 Oct 2025 16:09
Operator : RC/JU
Sample   : SSTDICV040
Misc   :
ALS Vial : 10   Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 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:	REMI02
Lab Code:	ACE	SDG No.:	Q3586
Instrument ID:	BNA_F	Calibration Date/Time:	11/11/2025 10:09
Lab File ID:	BF144198.D	Init. Calib. Date(s):	11/05/2025 11/05/2025
EPA Sample No.:	SSTDCCC040	Init. Calib. Time(s):	12:50 16:49

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

COMPOUND	RRF (mean)	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.343		5.1	
Benzaldehyde	0.818	1.141		39.5	
Phenol-d6	1.448	1.461		0.9	
Phenol	1.769	1.799		1.7	20.0
bis(2-Chloroethyl)ether	1.289	1.325		2.8	
2-Chlorophenol	1.253	1.308		4.4	
2-Methylphenol	0.997	1.026		2.9	
2,2-oxybis(1-Chloropropane)	2.374	2.513		5.9	
Acetophenone	0.429	0.431		0.5	
3+4-Methylphenols	1.175	1.170		-0.4	
n-Nitroso-di-n-propylamine	0.953	0.933	0.050	-2.1	
Nitrobenzene-d5	0.346	0.361		4.3	
Hexachloroethane	0.515	0.537		4.3	
Nitrobenzene	0.376	0.395		5.1	
Isophorone	0.655	0.684		4.4	
2-Nitrophenol	0.186	0.194		4.3	20.0
2,4-Dimethylphenol	0.279	0.291		4.3	
bis(2-Chloroethoxy)methane	0.409	0.435		6.4	
2,4-Dichlorophenol	0.322	0.330		2.5	20.0
Naphthalene	0.951	0.984		3.5	
4-Chloroaniline	0.347	0.357		2.9	
Hexachlorobutadiene	0.249	0.256		2.8	20.0
Caprolactam	0.088	0.087		-1.1	
4-Chloro-3-methylphenol	0.288	0.299		3.8	20.0
2-Methylnaphthalene	0.636	0.648		1.9	
Hexachlorocyclopentadiene	0.195	0.194	0.050	-0.5	
2,4,6-Trichlorophenol	0.446	0.456		2.2	20.0
2-Fluorobiphenyl	1.354	1.339		-1.1	
2,4,5-Trichlorophenol	0.481	0.474		-1.5	
1,1-Biphenyl	1.396	1.427		2.2	
2-Chloronaphthalene	1.191	1.218		2.3	
2-Nitroaniline	0.344	0.376		9.3	
Dimethylphthalate	1.325	1.353		2.1	
Acenaphthylene	1.623	1.647		1.5	
2,6-Dinitrotoluene	0.268	0.287		7.1	
3-Nitroaniline	0.293	0.295		0.7	
Acenaphthene	1.085	1.099		1.3	20.0
2,4-Dinitrophenol	0.162	0.138	0.050	-14.8	
4-Nitrophenol	0.212	0.184	0.050	-13.2	

Alliance TECHNICAL GROUP

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	REMI02	
Lab Code:	ACE	SDG No.:	Q3586	
Instrument ID:	BNA_F	Calibration Date/Time:	11/11/2025	10:09
Lab File ID:	BF144198.D	Init. Calib. Date(s):	11/05/2025	11/05/2025
EPA Sample No.:	SSTDCCC040	Init. Calib. Time(s):	12:50	16:49

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.519		-0.1	
2,4-Dinitrotoluene	0.359	0.366		2.0	
Diethylphthalate	1.221	1.241		1.6	
4-Chlorophenyl-phenylether	0.658	0.656		-0.3	
Fluorene	1.156	1.167		1.0	
4-Nitroaniline	0.279	0.287		2.9	
4,6-Dinitro-2-methylphenol	0.136	0.126		-7.4	
n-Nitrosodiphenylamine	0.643	0.657		2.2	20.0
2,4,6-Tribromophenol	0.251	0.243		-3.2	
4-Bromophenyl-phenylether	0.255	0.262		2.7	
Hexachlorobenzene	0.301	0.309		2.7	
Atrazine	0.205	0.205		0.0	
Pentachlorophenol	0.150	0.138		-8.0	20.0
Phenanthrene	0.996	0.987		-0.9	
Anthracene	1.013	1.019		0.6	
Carbazole	0.861	0.852		-1.0	
Di-n-butylphthalate	1.041	1.049		0.8	
Fluoranthene	1.029	1.014		-1.5	20.0
Pyrene	1.613	1.566		-2.9	
Terphenyl-d14	1.259	1.207		-4.1	
Butylbenzylphthalate	0.559	0.578		3.4	
3,3-Dichlorobenzidine	0.475	0.493		3.8	
Benzo(a)anthracene	1.386	1.437		3.6	
Chrysene	1.280	1.280		0.0	
Bis(2-ethylhexyl)phthalate	0.765	0.811		6.0	
Di-n-octyl phthalate	1.320	1.415		7.2	20.0
Benzo(b)fluoranthene	1.137	1.103		-3.0	
Benzo(k)fluoranthene	1.064	1.090		2.4	
Benzo(a)pyrene	1.049	1.050		0.1	20.0
Indeno(1,2,3-cd)pyrene	1.436	1.464		2.0	
Dibenzo(a,h)anthracene	1.153	1.177		2.1	
Benzo(g,h,i)perylene	1.139	1.175		3.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.671		2.4	
1,4-Dioxane	0.528	0.547		3.6	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.347		2.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144198.D
Acq On : 11 Nov 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 11 10:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.875	152	73404	20.000 ng	0.00
21) Naphthalene-d8	8.157	136	271454	20.000 ng	0.00
39) Acenaphthene-d10	9.916	164	150816	20.000 ng	0.00
64) Phenanthrene-d10	11.410	188	253608	20.000 ng	0.00
76) Chrysene-d12	14.057	240	166330	20.000 ng	0.00
86) Perylene-d12	15.545	264	229506	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.492	112	394236	84.046 ng	0.00
7) Phenol-d6	6.510	99	428834	80.684 ng	0.01
23) Nitrobenzene-d5	7.439	82	392161	83.437 ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	146416	77.364 ng	0.00
45) 2-Fluorobiphenyl	9.233	172	807802	79.108 ng	0.00
79) Terphenyl-d14	12.998	244	802870	76.672 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.604	88	80243	41.378 ng	99
3) Pyridine	3.381	79	229770	42.468 ng	98
4) n-Nitrosodimethylamine	3.328	42	121669	43.052 ng	99
6) Aniline	6.539	93	314585	41.543 ng	98
8) 2-Chlorophenol	6.663	128	191986	41.735 ng	100
9) Benzaldehyde	6.428	77	167470	55.800 ng	98
10) Phenol	6.522	94	264085	40.667 ng	94
11) bis(2-Chloroethyl)ether	6.610	93	194505	41.106 ng	98
12) 1,3-Dichlorobenzene	6.816	146	230084	40.533 ng	98
13) 1,4-Dichlorobenzene	6.892	146	226826	39.886 ng	97
14) 1,2-Dichlorobenzene	7.045	146	223589	41.020 ng	99
15) Benzyl Alcohol	7.016	79	174019	41.349 ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	368967	42.344 ng	96
17) 2-Methylphenol	7.128	107	150619	41.157 ng	99
18) Hexachloroethane	7.386	117	78801	41.708 ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	136949	39.141 ng	94
20) 3+4-Methylphenols	7.281	107	171776	39.818 ng	99
22) Acetophenone	7.287	105	234233	40.223 ng	95
24) Nitrobenzene	7.457	77	214471	42.027 ng	100
25) Isophorone	7.698	82	371430	41.779 ng	99
26) 2-Nitrophenol	7.775	139	105226	41.654 ng	95
27) 2,4-Dimethylphenol	7.810	122	158227	41.789 ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	236110	42.530 ng	98
29) 2,4-Dichlorophenol	8.016	162	179169	41.056 ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	182355	40.694 ng	98
31) Naphthalene	8.181	128	534471	41.391 ng	99
32) Benzoic acid	7.922	122	100905	36.357 ng	94
33) 4-Chloroaniline	8.228	127	193834	41.158 ng	98
34) Hexachlorobutadiene	8.292	225	138793	41.097 ng	100
35) Caprolactam	8.604	113	47064	39.364 ng	94
36) 4-Chloro-3-methylphenol	8.710	107	162232	41.481 ng	97
37) 2-Methylnaphthalene	8.875	142	351729	40.740 ng	99
38) 1-Methylnaphthalene	8.969	142	337698	40.539 ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	202490	40.967 ng	98
41) Hexachlorocyclopentadiene	9.022	237	58396	39.027 ng	98
43) 2,4,6-Trichlorophenol	9.151	196	137540	40.885 ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144198.D
Acq On : 11 Nov 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 11 10:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	143106	39.469	ng	98
46) 1,1'-Biphenyl	9.333	154	430515	40.895	ng	100
47) 2-Chloronaphthalene	9.363	162	367534	40.928	ng	100
48) 2-Nitroaniline	9.457	65	113284	43.722	ng	97
49) Acenaphthylene	9.775	152	496729	40.591	ng	100
50) Dimethylphthalate	9.633	163	408251	40.861	ng	100
51) 2,6-Dinitrotoluene	9.698	165	86697	42.865	ng	99
52) Acenaphthene	9.951	154	331509	40.511	ng	100
53) 3-Nitroaniline	9.869	138	88858	40.190	ng	92
54) 2,4-Dinitrophenol	9.980	184	41617	34.075	ng	97
55) Dibenzofuran	10.122	168	458069	39.968	ng	98
56) 4-Nitrophenol	10.033	139	55598	34.763	ng	97
57) 2,4-Dinitrotoluene	10.104	165	110330	40.748	ng	97
58) Fluorene	10.469	166	351893	40.383	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	104592	40.773	ng	99
60) Diethylphthalate	10.333	149	374181	40.626	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	197779	39.846	ng	96
62) 4-Nitroaniline	10.486	138	86613	41.136	ng	98
63) Azobenzene	10.616	77	355358	41.456	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	63808	37.036	ng	98
66) n-Nitrosodiphenylamine	10.575	169	333207	40.851	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	132885	41.051	ng	96
68) Hexachlorobenzene	11.016	284	156932	41.159	ng	97
69) Atrazine	11.104	200	104132	40.143	ng	99
70) Pentachlorophenol	11.216	266	70017	36.877	ng	99
71) Phenanthrene	11.433	178	500461	39.635	ng	99
72) Anthracene	11.486	178	516728	40.246	ng	100
73) Carbazole	11.639	167	432310	39.597	ng	99
74) Di-n-butylphthalate	11.969	149	532269	40.329	ng	99
75) Fluoranthene	12.627	202	514488	39.444	ng	100
77) Benzidine	12.751	184	237841	48.342	ng	99
78) Pyrene	12.857	202	521018	38.850	ng	99
80) Butylbenzylphthalate	13.468	149	192248	41.360	ng	99
81) Benzo(a)anthracene	14.051	228	477865	41.453	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	164112	41.532	ng	95
83) Chrysene	14.086	228	425808	40.013	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	269627	42.374	ng	100
85) Di-n-octyl phthalate	14.645	149	470752	42.880	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	671993	40.789	ng	99
88) Benzo(b)fluoranthene	15.110	252	506360	38.808	ng	99
89) Benzo(k)fluoranthene	15.139	252	500421	40.975	ng	98
90) Benzo(a)pyrene	15.480	252	481954	40.039	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	540222	40.830	ng	99
92) Benzo(g,h,i)perylene	17.509	276	539108	41.261	ng	99

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

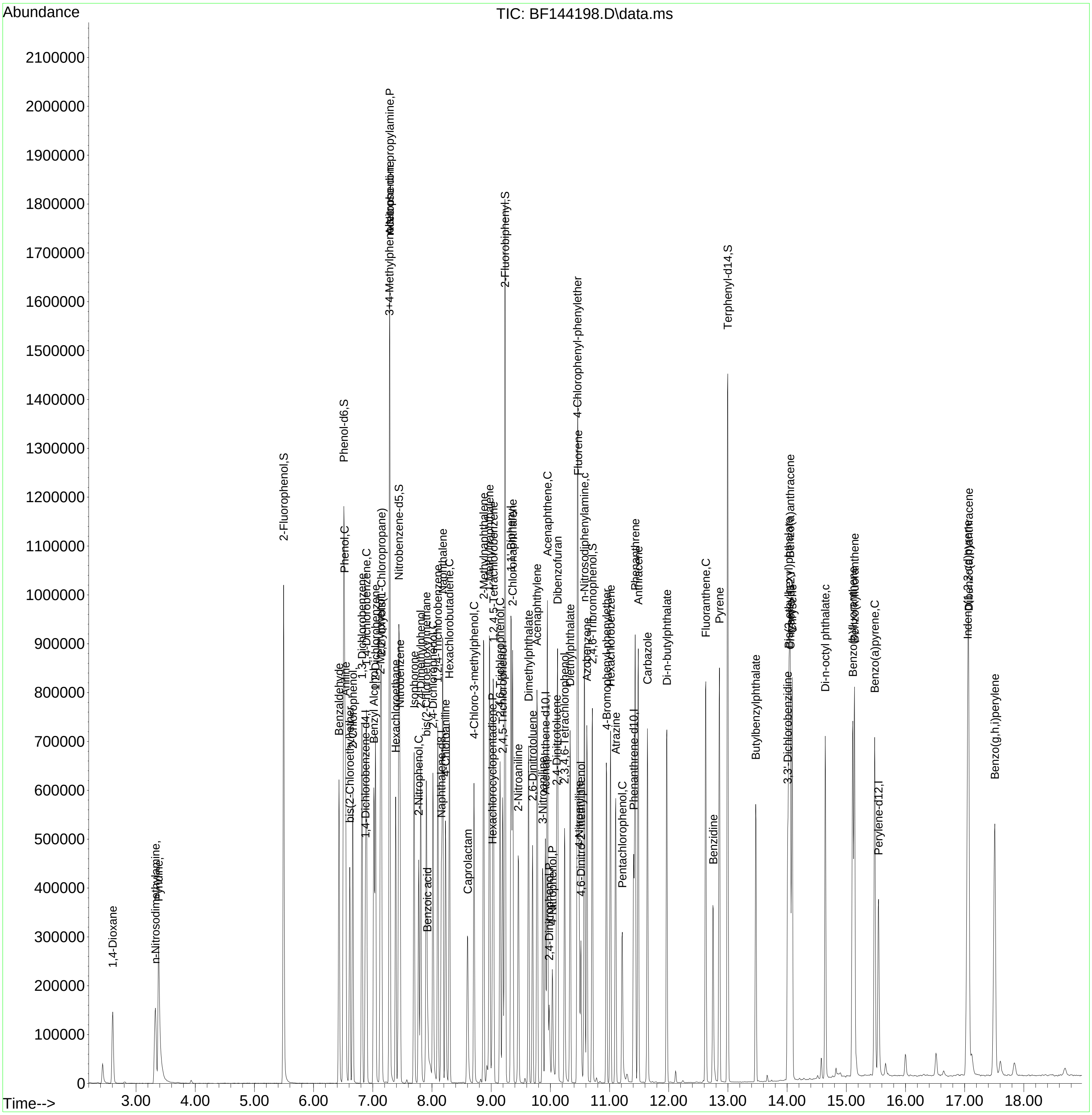
Quantitation Report (QT Reviewed)

Sample Results: **BF144198.D**

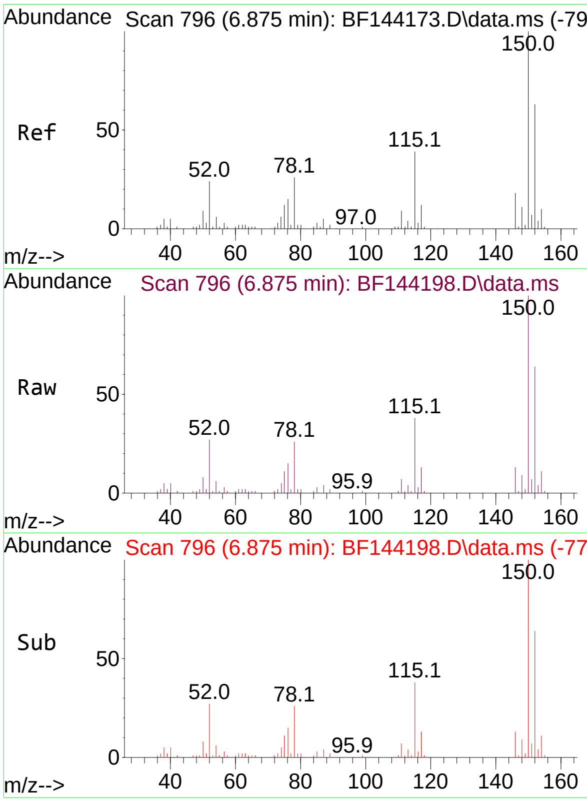
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144198.D
Acq On : 11 Nov 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 11 10:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



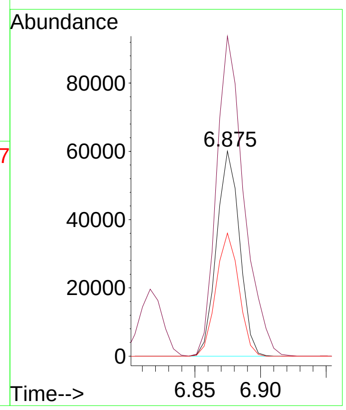
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

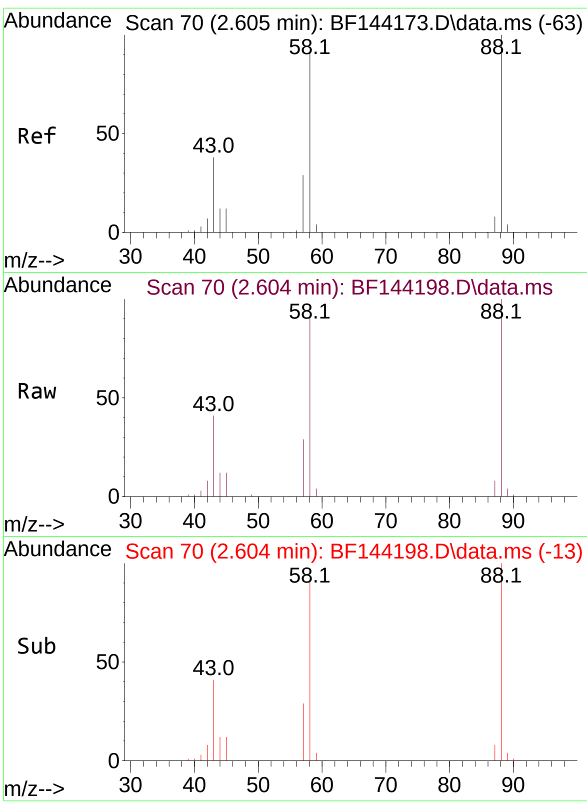


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:152 Resp: 73404

Ion	Ratio	Lower	Upper
152	100		
150	156.1	127.4	191.0
115	60.0	49.5	74.3

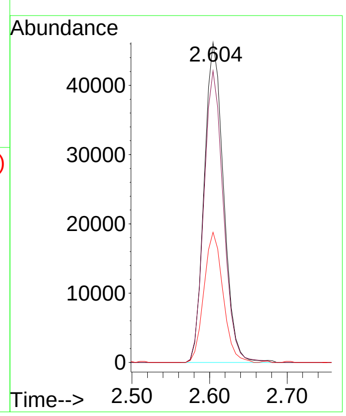




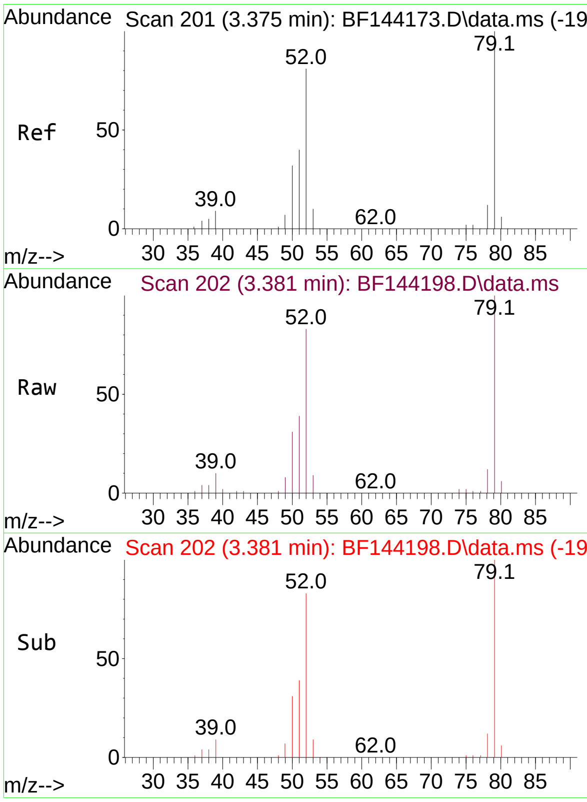
#2
1,4-Dioxane
Concen: 41.378 ng
RT: 2.604 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 88 Resp: 80243

Ion	Ratio	Lower	Upper
88	100		
58	91.4	73.1	109.7
43	40.0	31.0	46.6



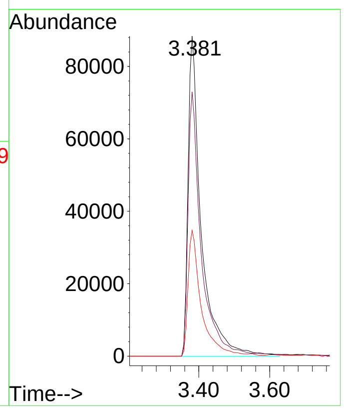
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

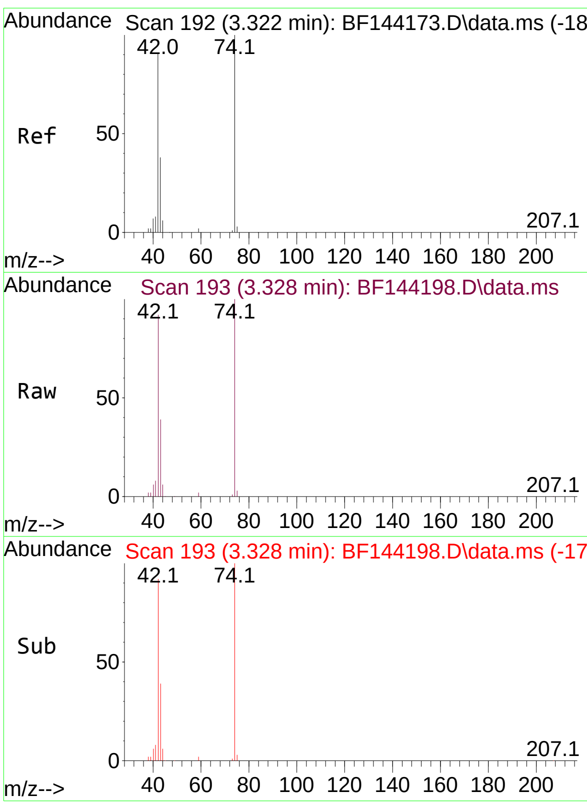


#3
Pyridine
Concen: 42.468 ng
RT: 3.381 min   Scan# 20
Delta R.T.   -0.030 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion: 79 Resp: 229770

Ion	Ratio	Lower	Upper
79	100		
52	82.6	64.5	96.7
51	39.3	31.7	47.5

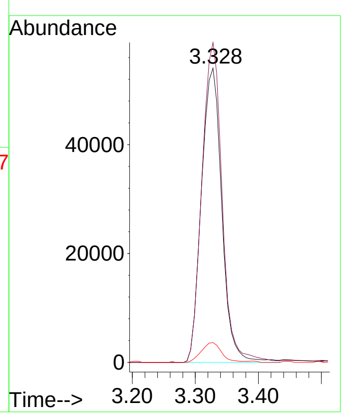




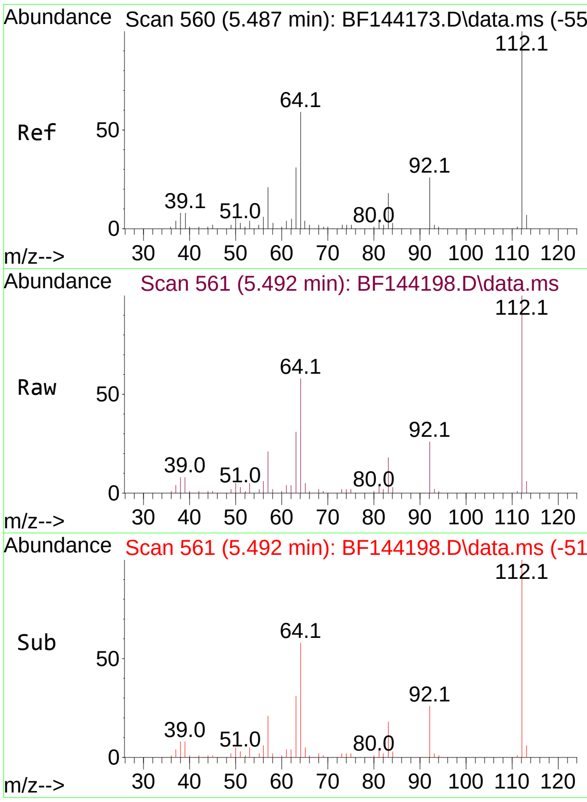
#4
n-Nitrosodimethylamine
Concen: 43.052 ng
RT: 3.328 min   Scan# 193
Delta R.T.   -0.018 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion: 42 Resp: 121669

Ion	Ratio	Lower	Upper
42	100		
74	108.7	88.2	132.4
44	6.7	5.7	8.5



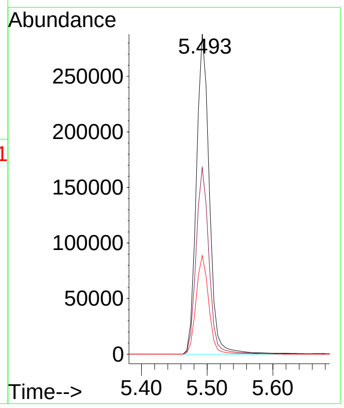
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

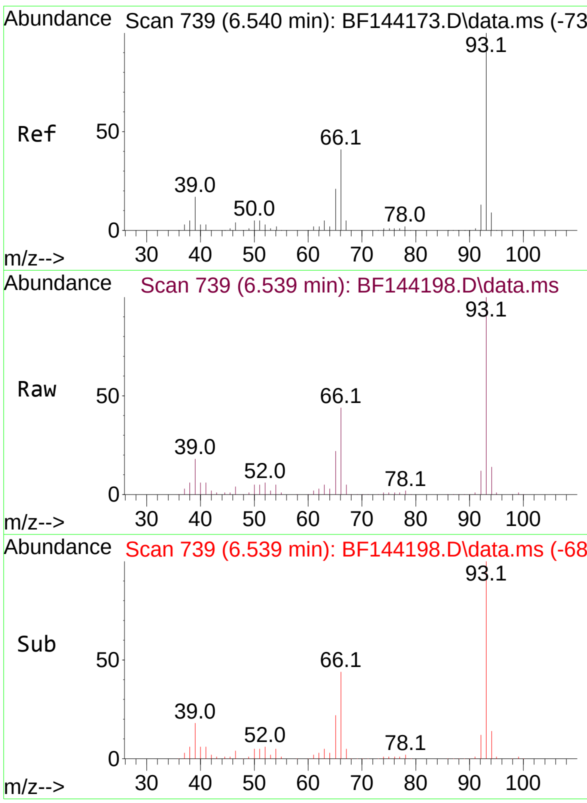


#5
2-Fluorophenol
Concen: 84.046 ng
RT: 5.492 min   Scan# 56
Delta R.T.   -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion:112 Resp: 394236

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.2	70.8
63	30.8	24.4	36.6

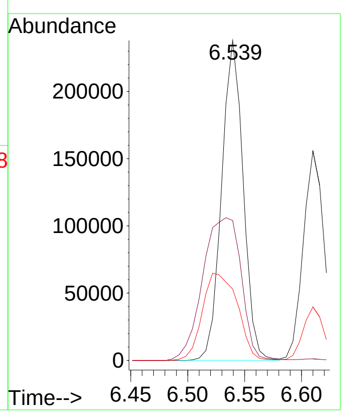




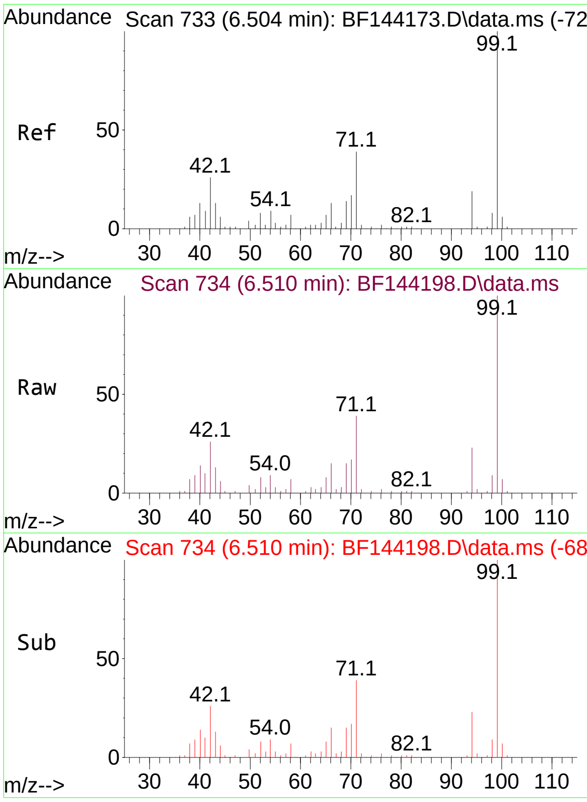
#6
Aniline
Concen: 41.543 ng
RT: 6.539 min   Scan# 739
Delta R.T.   0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion: 93 Resp: 314585

Ion	Ratio	Lower	Upper
93	100		
66	43.7	34.3	51.5
65	22.3	16.9	25.3



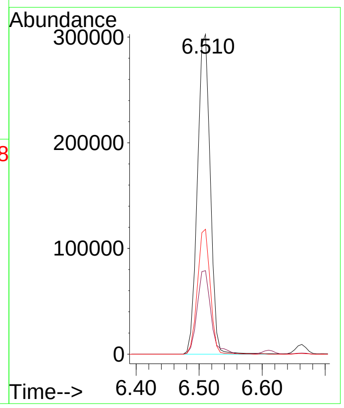
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

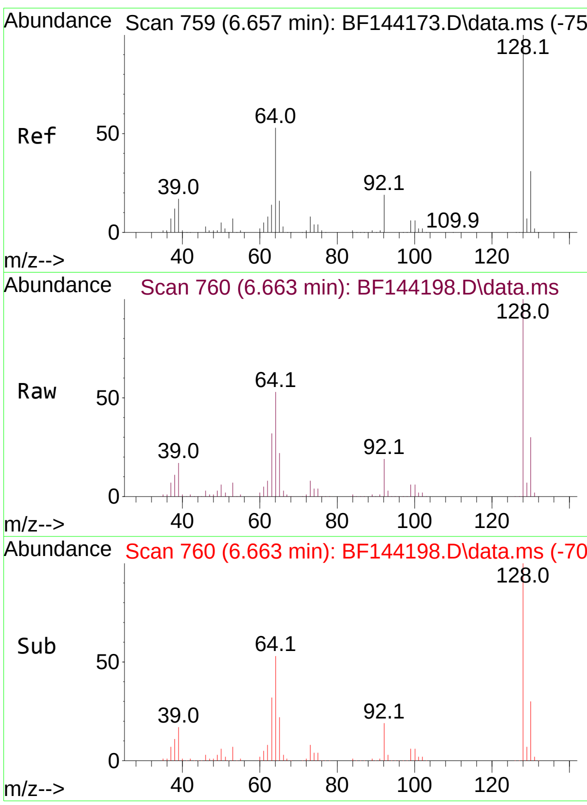


#7
Phenol-d6
Concen: 80.684 ng
RT: 6.510 min   Scan# 73
Delta R.T.   0.012 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion: 99 Resp: 428834

Ion	Ratio	Lower	Upper
99	100		
42	26.1	20.9	31.3
71	39.0	31.4	47.2

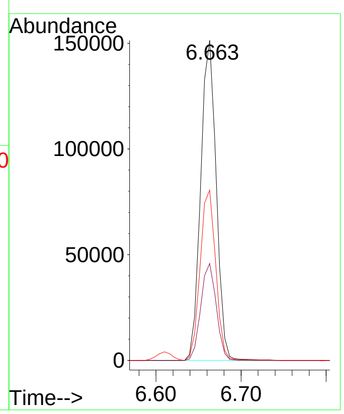




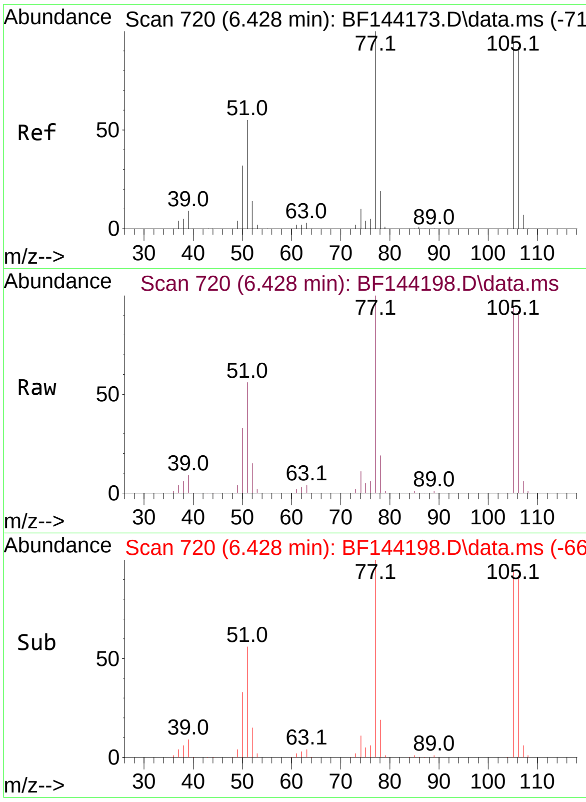
#8
2-Chlorophenol
Concen: 41.735 ng
RT: 6.663 min   Scan# 760
Delta R.T.   0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion:128 Resp: 191986

Ion	Ratio	Lower	Upper
128	100		
130	30.3	10.5	50.5
64	53.2	33.2	73.2



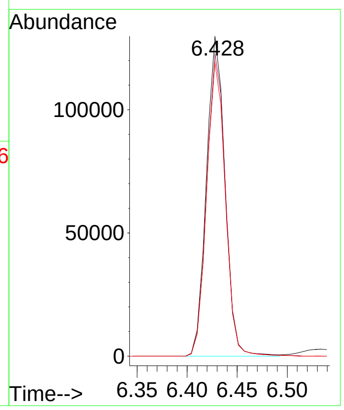
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

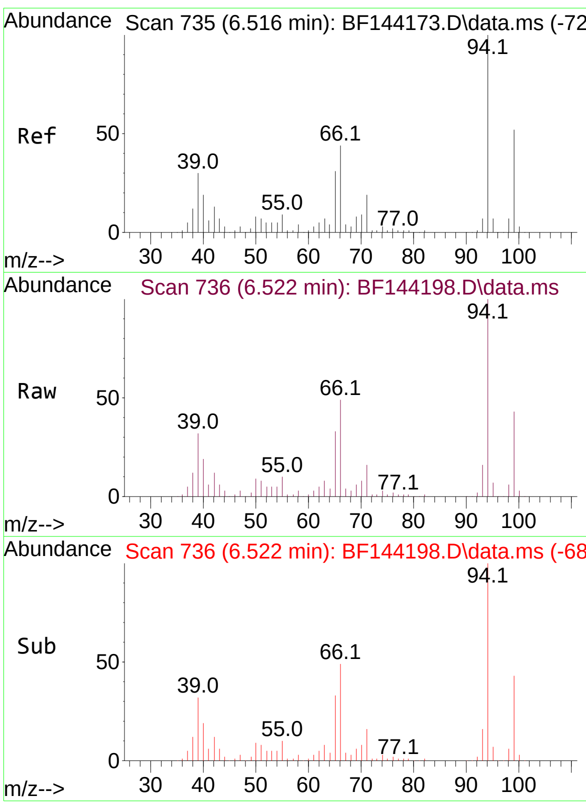


#9
Benzaldehyde
Concen: 55.800 ng
RT: 6.428 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 77 Resp: 167470

Ion	Ratio	Lower	Upper
77	100		
105	94.5	77.2	117.2
106	91.7	72.2	112.2

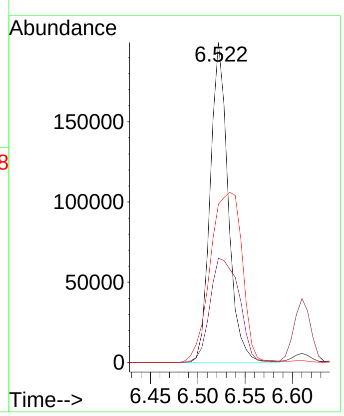




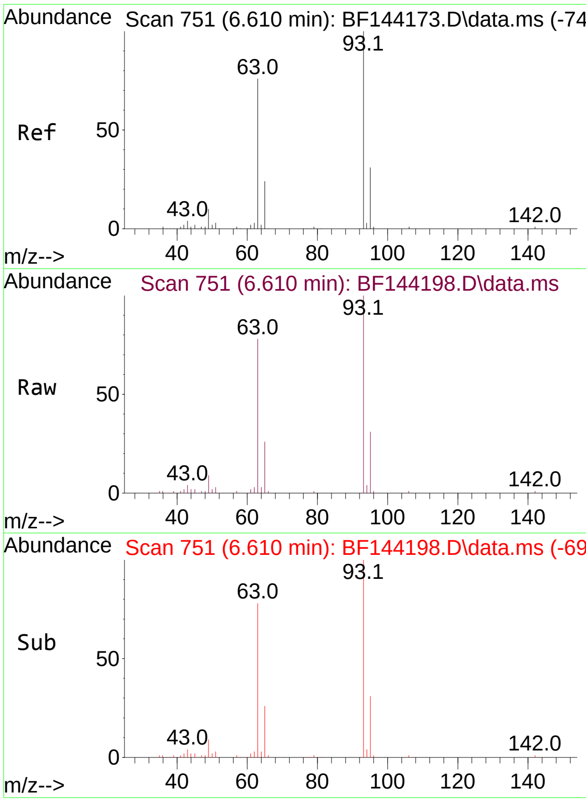
#10
Phenol
Concen: 40.667 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.012 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 94 Resp: 264085

Ion	Ratio	Lower	Upper
94	100		
65	32.5	10.8	50.8
66	49.4	24.3	64.3



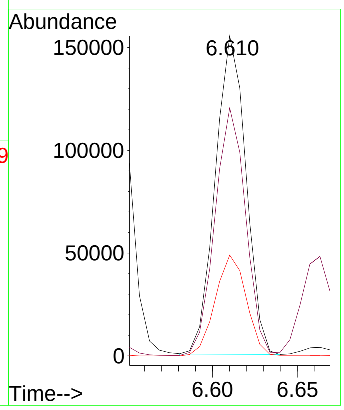
Instrument : BNA_F
ClientSampleId : SSTDCCC040

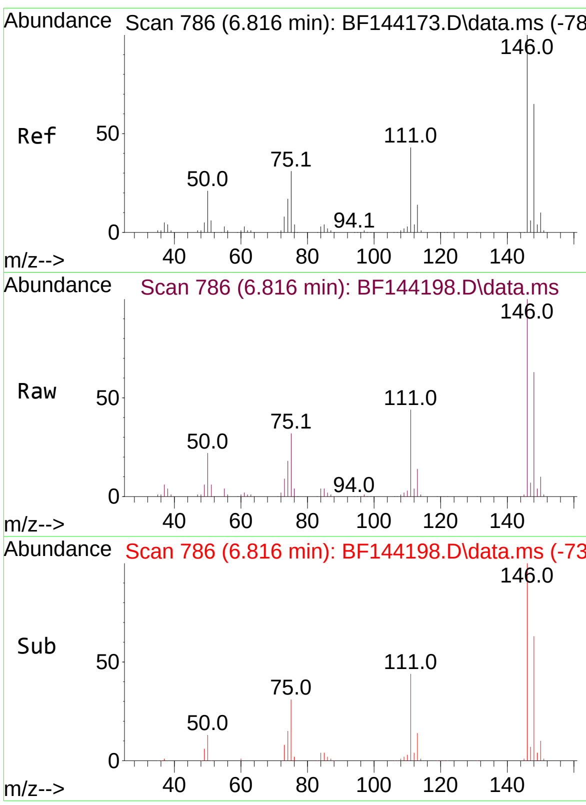


#11
bis(2-Chloroethyl)ether
Concen: 41.106 ng
RT: 6.610 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 93 Resp: 194505

Ion	Ratio	Lower	Upper
93	100		
63	77.5	55.2	95.2
95	31.5	11.2	51.2

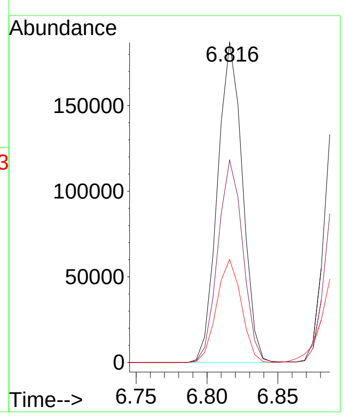




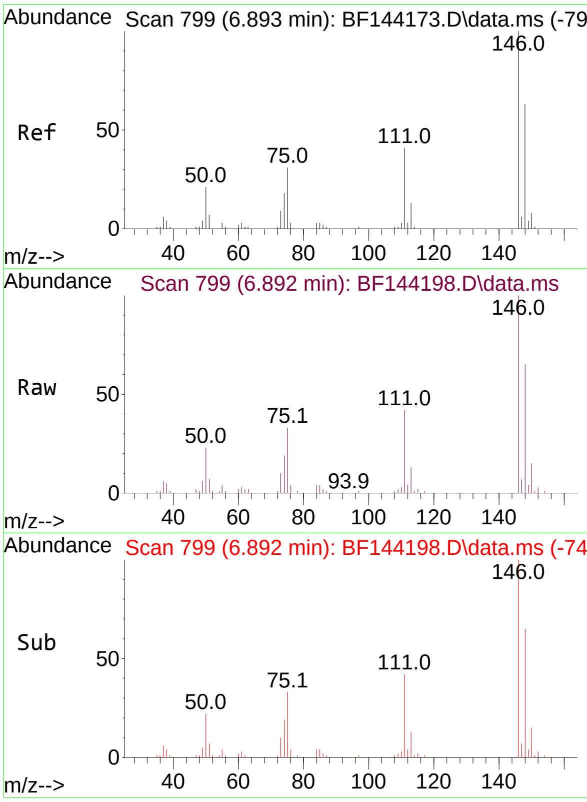
#12
1,3-Dichlorobenzene
Concen: 40.533 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:146 Resp: 230084

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	32.2	25.0	37.4



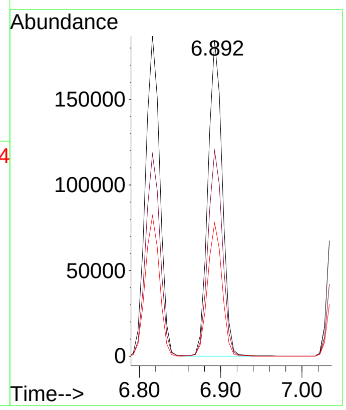
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

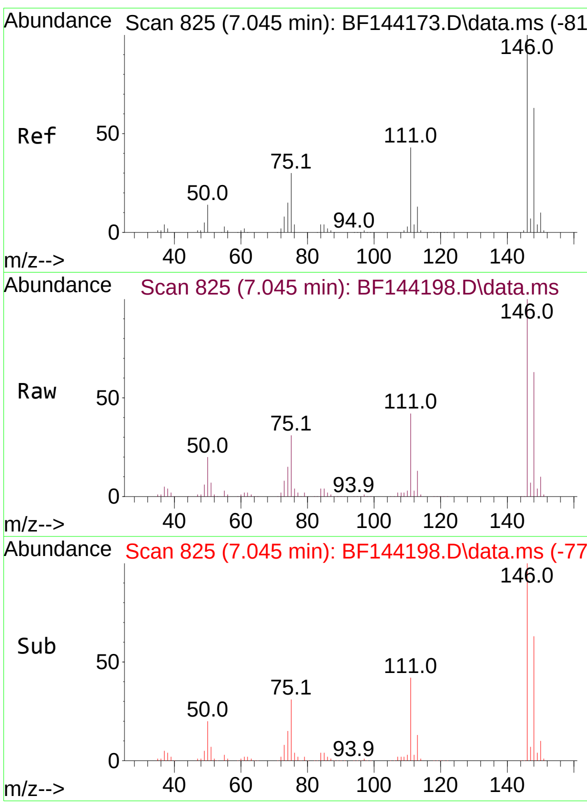


#13
1,4-Dichlorobenzene
Concen: 39.886 ng
RT: 6.892 min   Scan# 79
Delta R.T.   -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion:146 Resp: 226826

Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.2	75.2
111	42.2	32.6	48.8

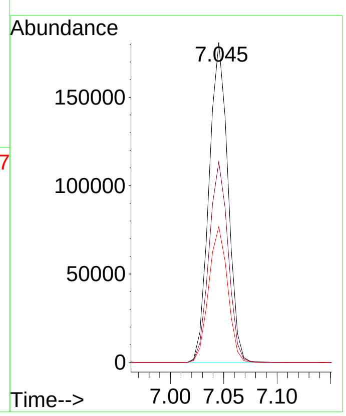




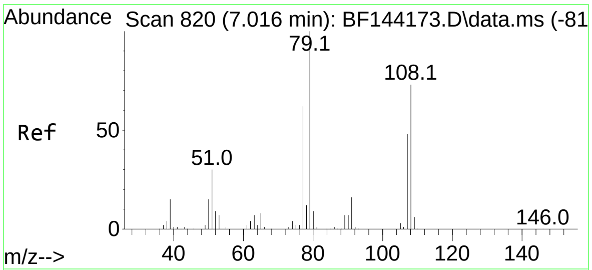
#14
1,2-Dichlorobenzene
Concen: 41.020 ng
RT: 7.045 min   Scan# 825
Delta R.T.   -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

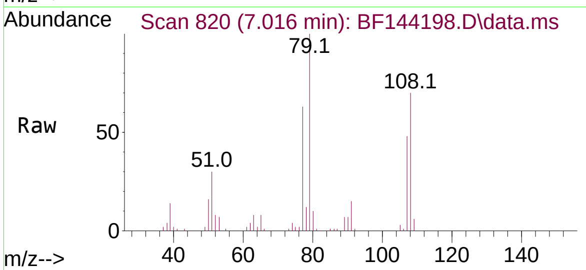
Tgt Ion:146 Resp: 223589

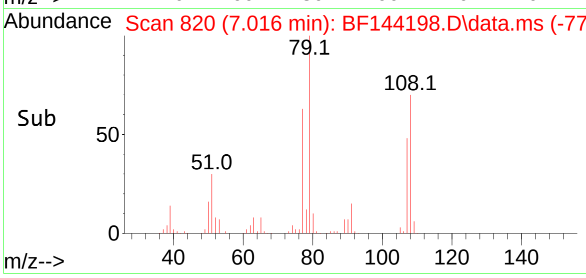
Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.7	76.1
111	42.4	34.2	51.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



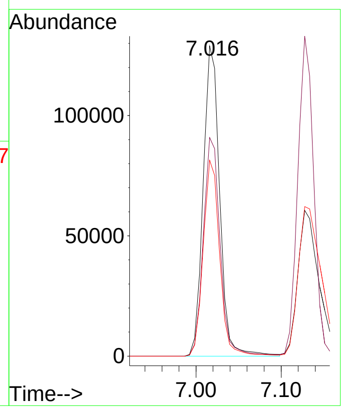


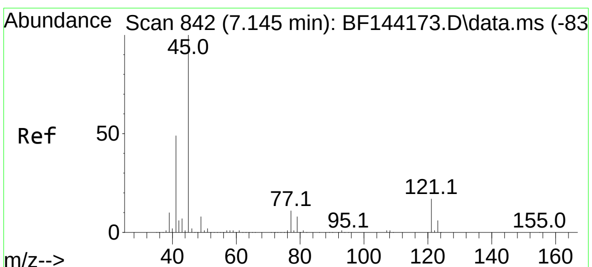


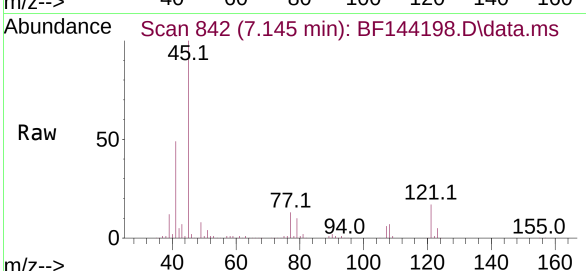
#15
Benzyl Alcohol
Concen: 41.349 ng
RT: 7.016 min   Scan# 8
Delta R.T.   -0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

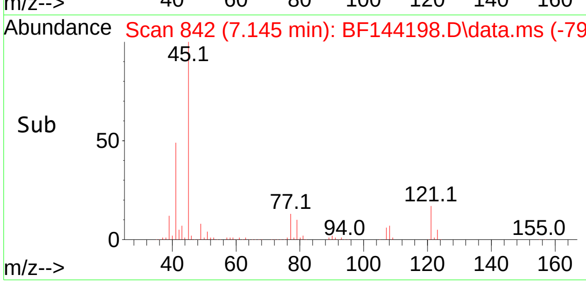
Tgt Ion: 79 Resp: 174019

Ion	Ratio	Lower	Upper
79	100		
108	70.5	58.2	87.4
77	63.1	49.9	74.9





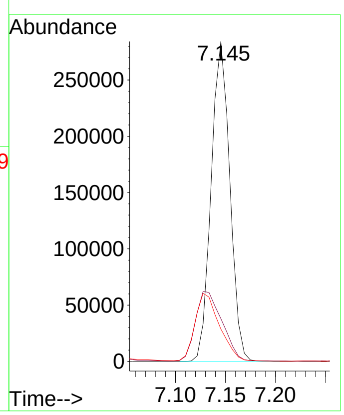




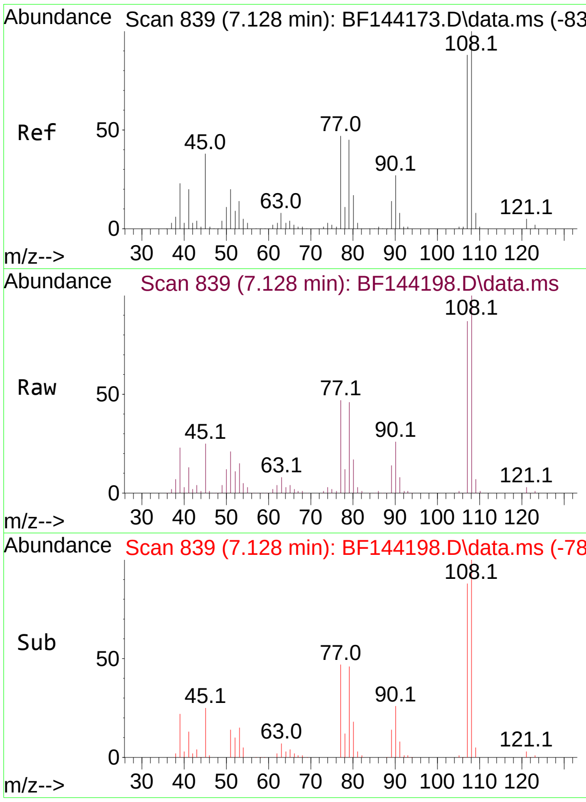
#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.344 ng
RT: 7.145 min   Scan# 842
Delta R.T.   0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion: 45 Resp: 368967

Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	31.8
79	10.1	0.0	29.1



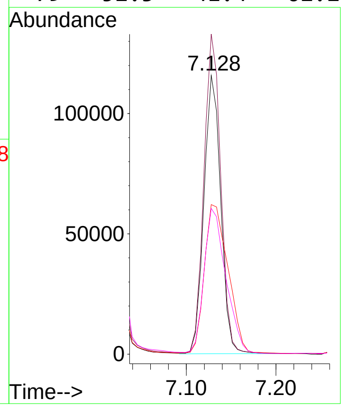
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

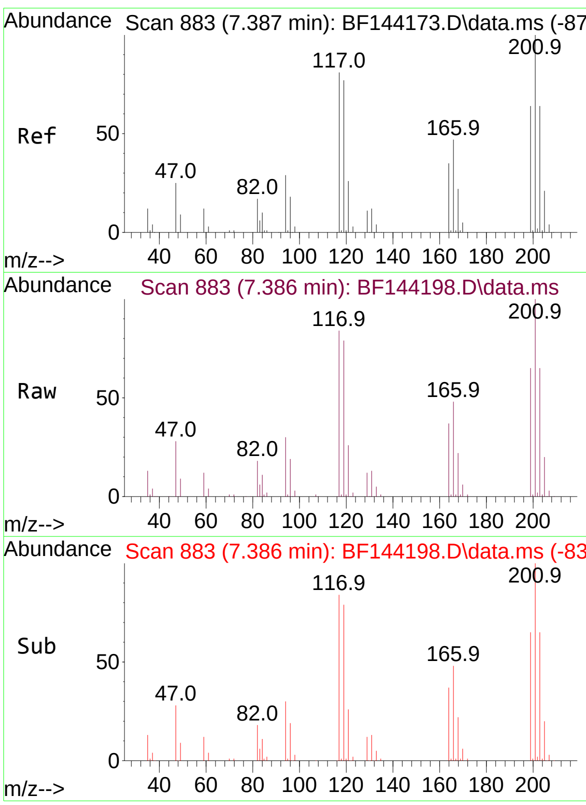


#17
2-Methylphenol
Concen: 41.157 ng
RT: 7.128 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:107 Resp: 150619

Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.0	136.4
77	53.7	42.7	64.1
79	52.3	41.4	62.2

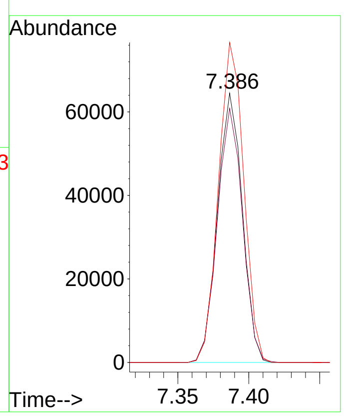




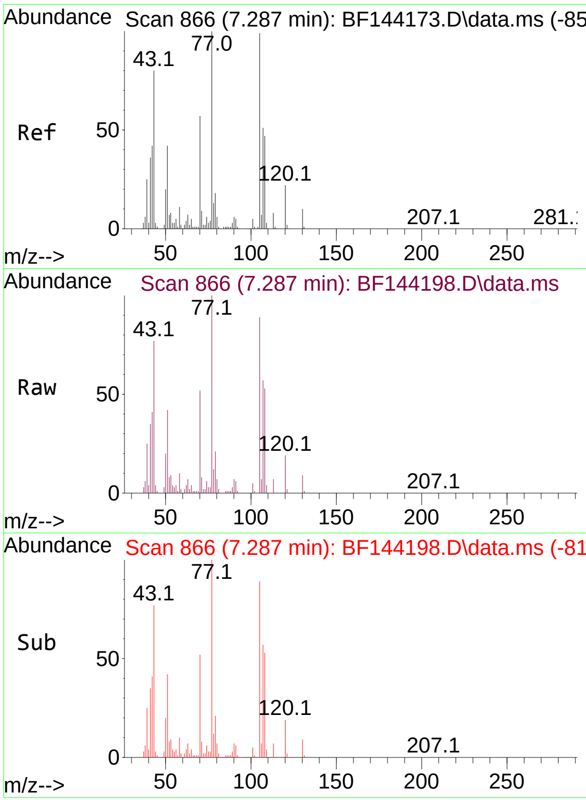
#18
Hexachloroethane
Concen: 41.708 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:117 Resp: 78801

Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	113.8
201	118.9	98.9	148.3



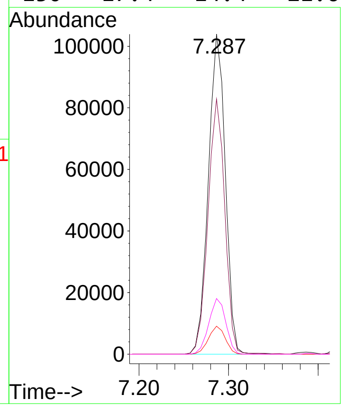
Instrument : BNA_F
ClientSampleId : SSTDCCC040

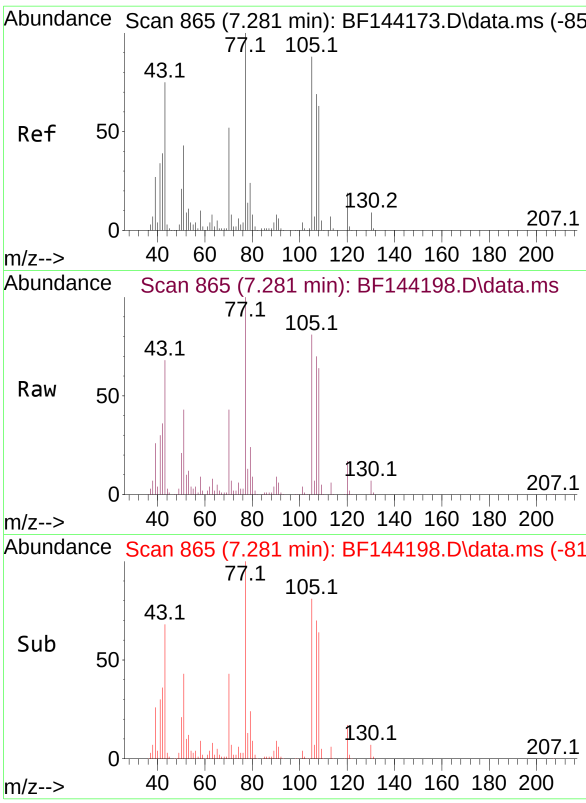


#19
n-Nitroso-di-n-propylamine
Concen: 39.141 ng
RT: 7.287 min Scan# 86
Delta R.T. 0.012 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 70 Resp: 136949

Ion	Ratio	Lower	Upper
70	100		
42	79.7	58.3	87.5
101	8.7	7.0	10.6
130	17.4	14.4	21.6

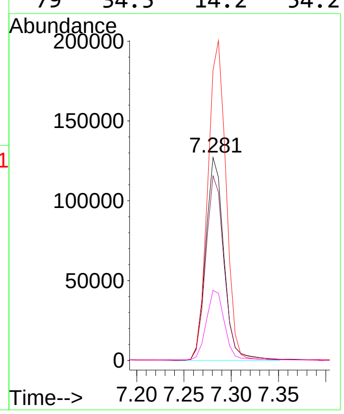




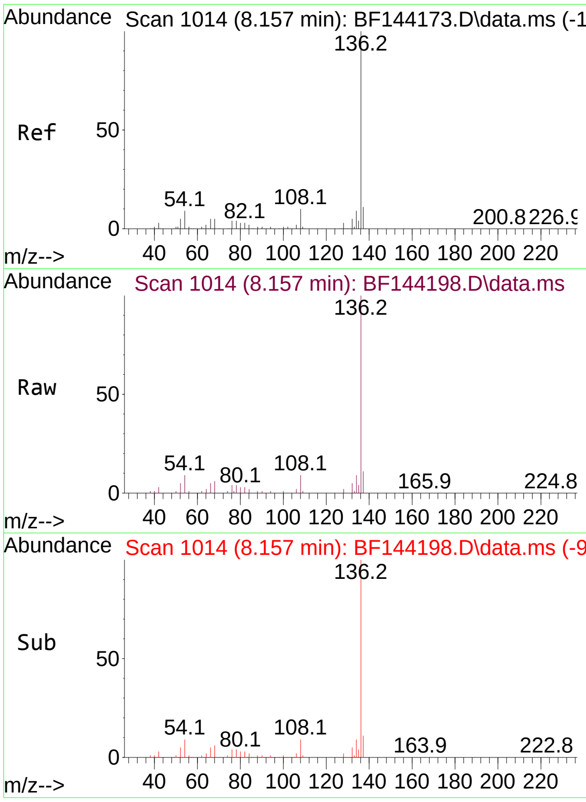
#20
3+4-Methylphenols
Concen: 39.818 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:107 Resp: 171776

Ion	Ratio	Lower	Upper
107	100		
108	91.0	70.2	110.2
77	143.0	123.9	163.9
79	34.5	14.2	54.2



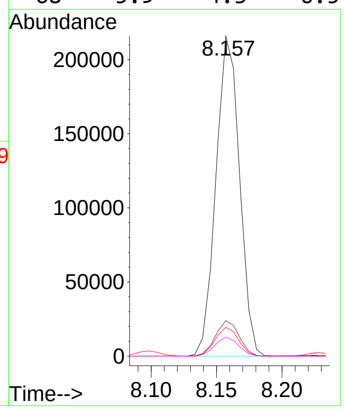
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

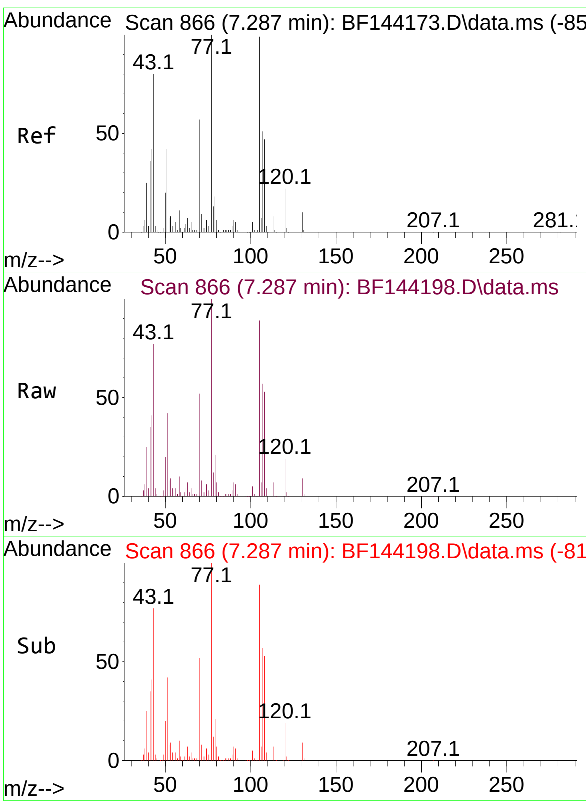


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:136 Resp: 271454

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.0	7.0	10.6
68	5.9	4.3	6.5

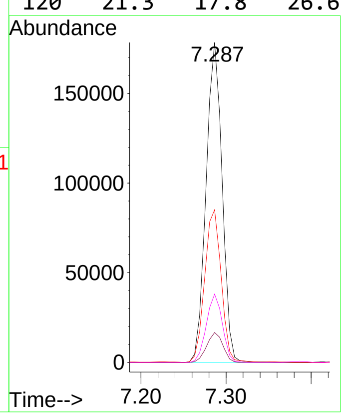




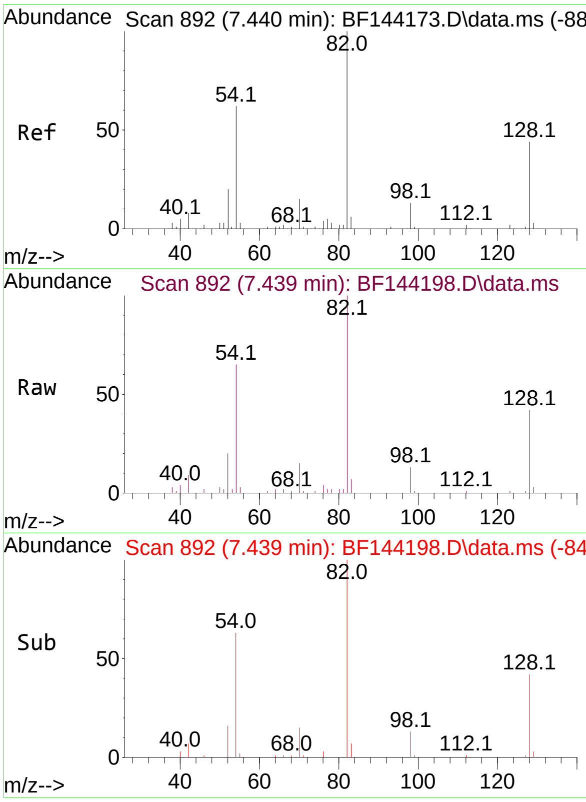
#22
Acetophenone
Concen: 40.223 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:105 Resp: 234233

Ion	Ratio	Lower	Upper
105	100		
71	9.3	7.2	10.8
51	47.7	34.0	51.0
120	21.3	17.8	26.6



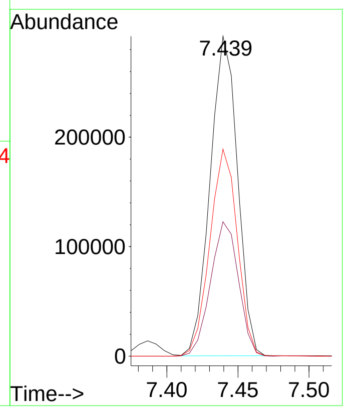
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

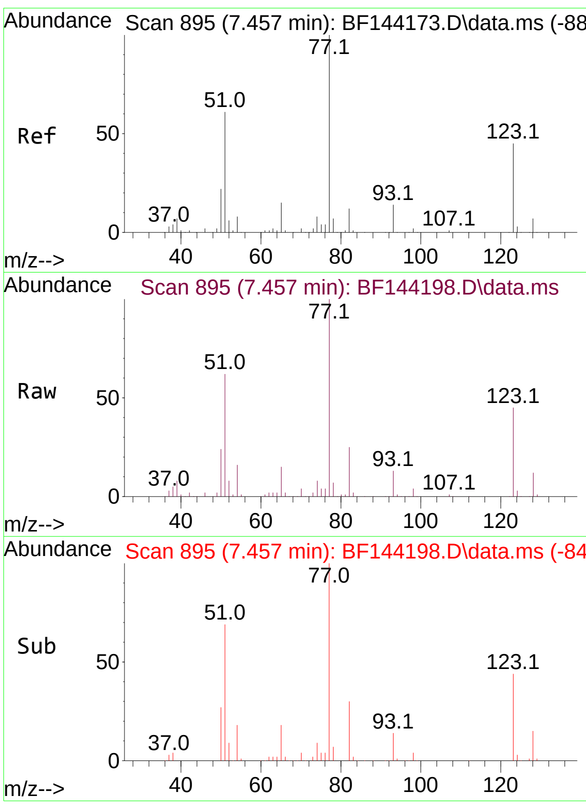


#23
Nitrobenzene-d5
Concen: 83.437 ng
RT: 7.439 min Scan# 89
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 82 Resp: 392161

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.7	52.1
54	64.7	49.5	74.3

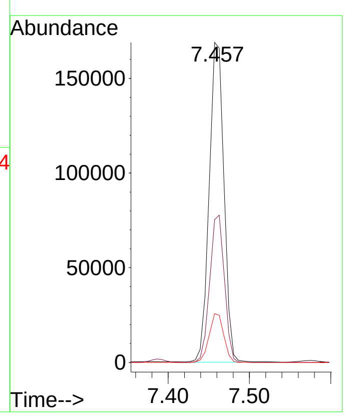




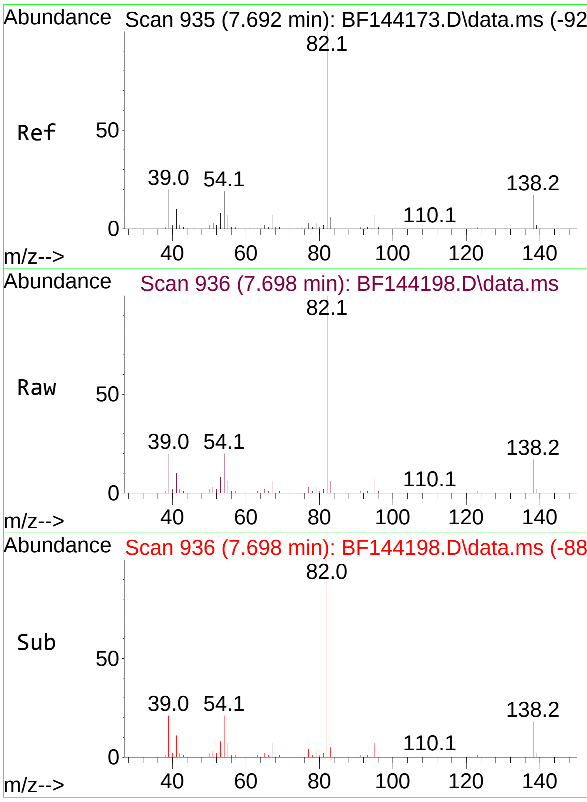
#24
Nitrobenzene
Concen: 42.027 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 77 Resp: 214471

Ion	Ratio	Lower	Upper
77	100		
123	44.6	35.8	53.8
65	15.2	12.2	18.2

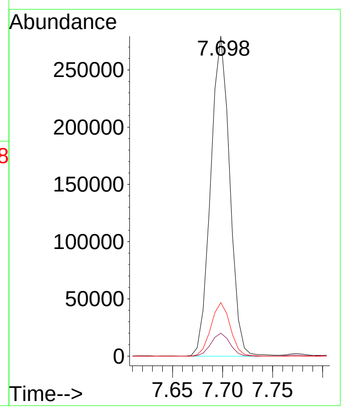


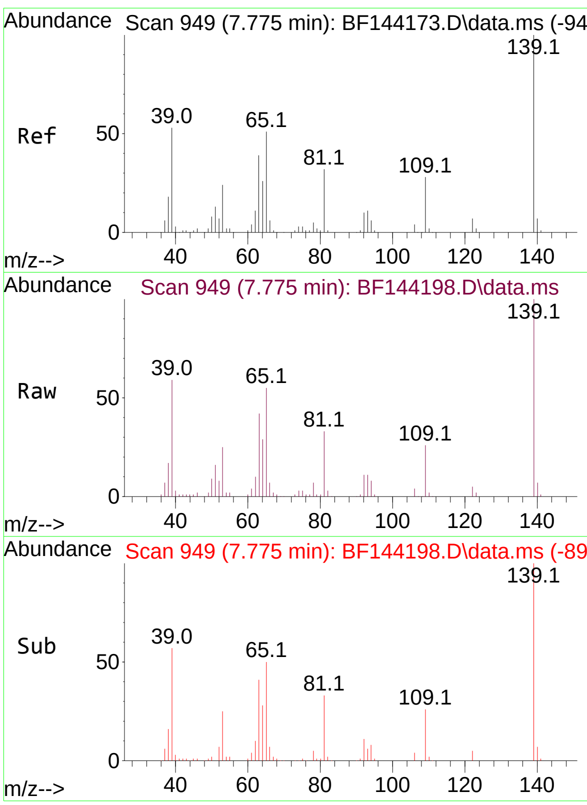
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040




```
#25
Isophorone
Concen:   41.779 ng
RT:   7.698 min  Scan# 9
Delta R.T.  0.012 min
Lab File:   BF144198.D
Acq: 11 Nov 2025   10:09

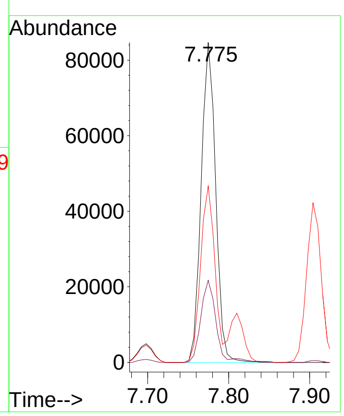
Tgt Ion: 82 Resp:  371430
Ion  Ratio  Lower  Upper
 82  100
 95    7.2    5.5    8.3
138   16.7   13.7   20.5
```



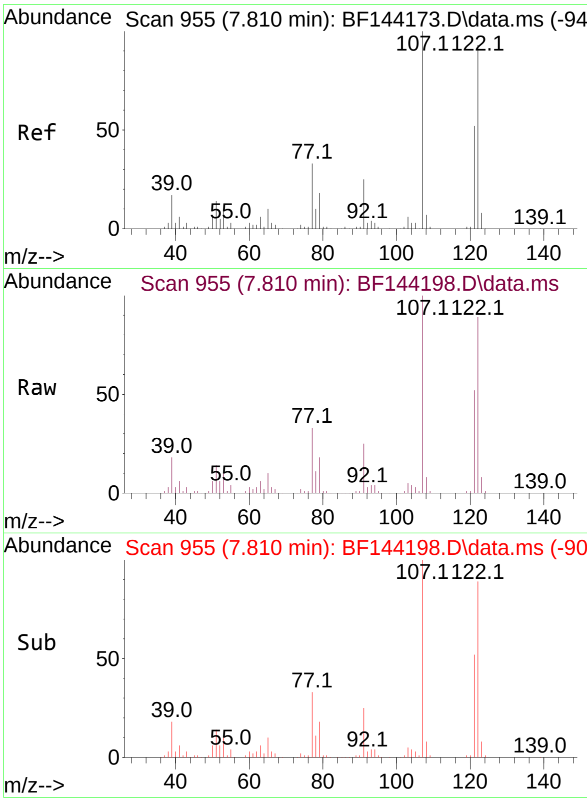



```
#26
2-Nitrophenol
Concen:   41.654 ng
RT:   7.775 min  Scan# 949
Delta R.T.  -0.000 min
Lab File:   BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion:139 Resp:  105226
Ion  Ratio  Lower  Upper
139  100
109   25.6   22.2   33.2
 65   55.1   40.7   61.1
```



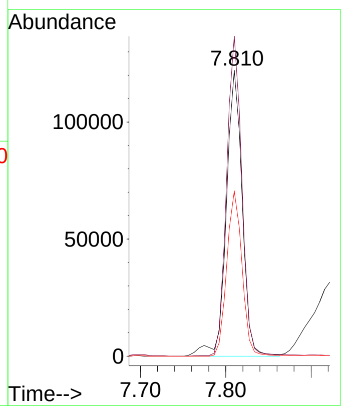
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

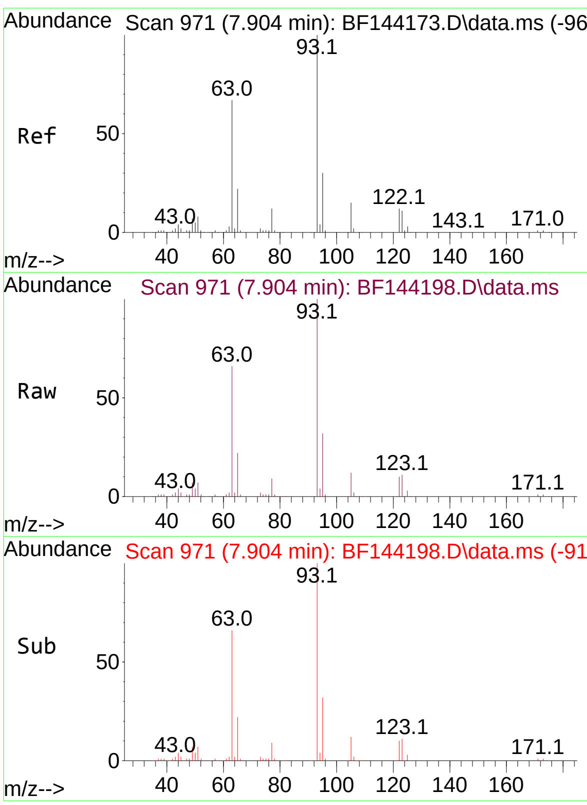


#27
2,4-Dimethylphenol
Concen: 41.789 ng
RT: 7.810 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:122 Resp: 158227

Ion	Ratio	Lower	Upper
122	100		
107	111.9	86.2	129.4
121	57.7	44.6	66.8

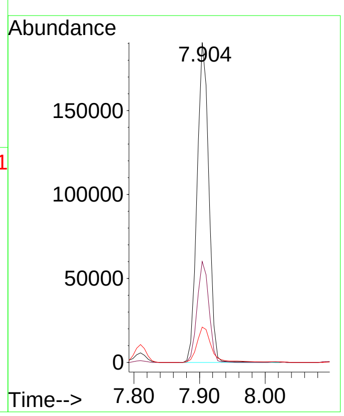




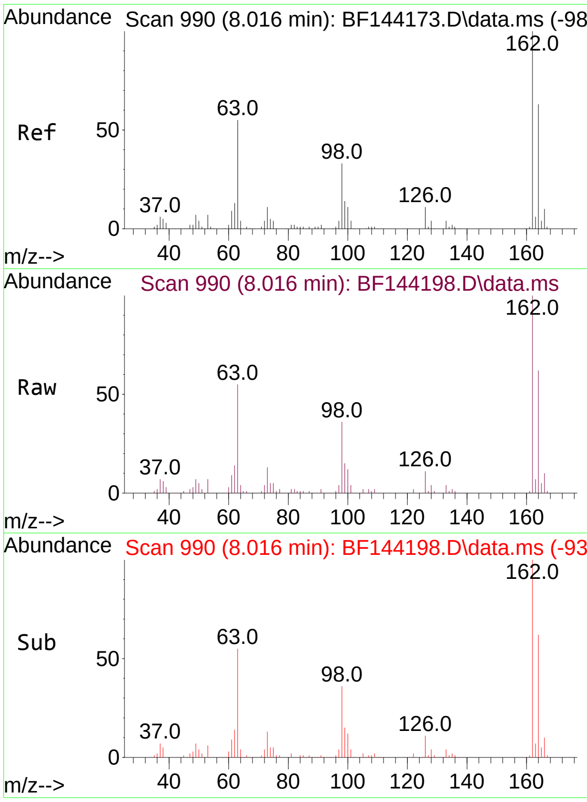
#28
bis(2-Chloroethoxy)methane
Concen: 42.530 ng
RT: 7.904 min Scan# 971
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 93 Resp: 236110

Ion	Ratio	Lower	Upper
93	100		
95	31.5	24.2	36.4
123	11.1	9.0	13.4



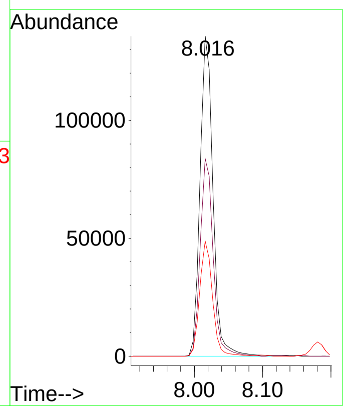
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

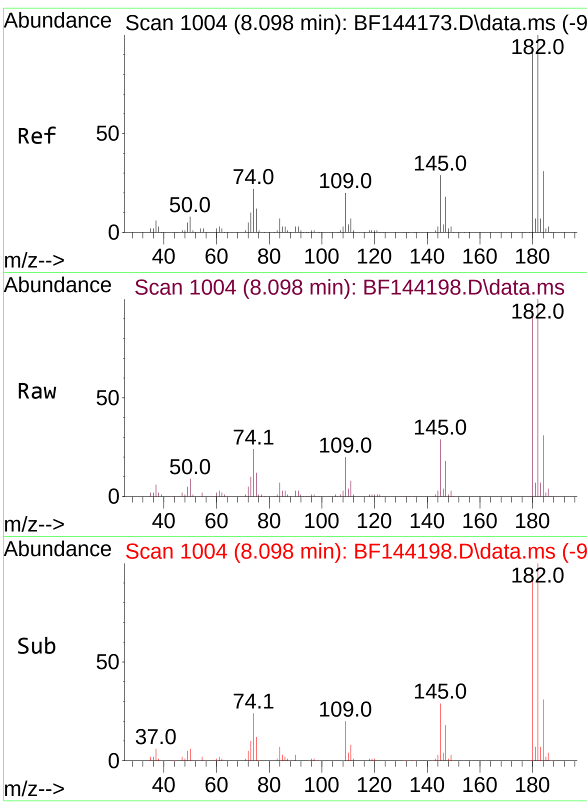


#29
2,4-Dichlorophenol
Concen: 41.056 ng
RT: 8.016 min   Scan# 99
Delta R.T.   -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion:162 Resp: 179169

Ion	Ratio	Lower	Upper
162	100		
164	61.7	42.9	82.9
98	35.9	13.3	53.3

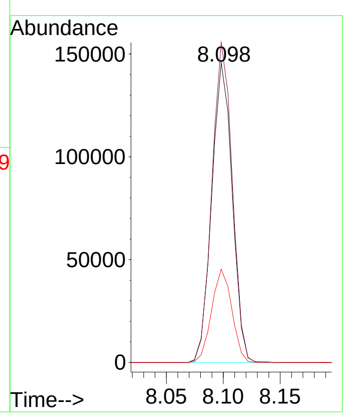




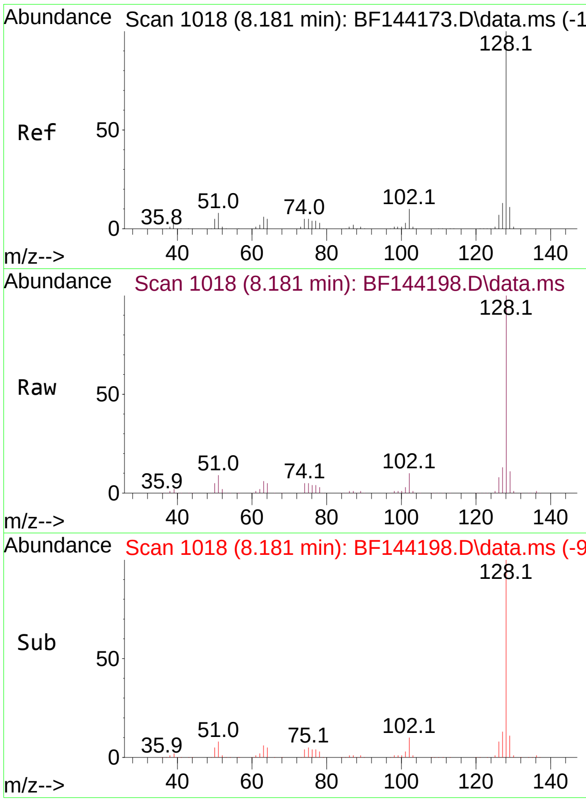
#30
1,2,4-Trichlorobenzene
Concen: 40.694 ng
RT: 8.098 min   Scan# 1004
Delta R.T.   -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion:180 Resp: 182355

Ion	Ratio	Lower	Upper
180	100		
182	106.8	87.7	131.5
145	31.1	25.4	38.0



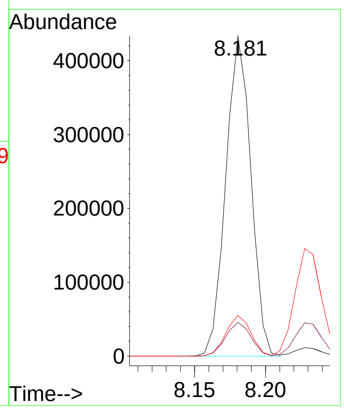
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

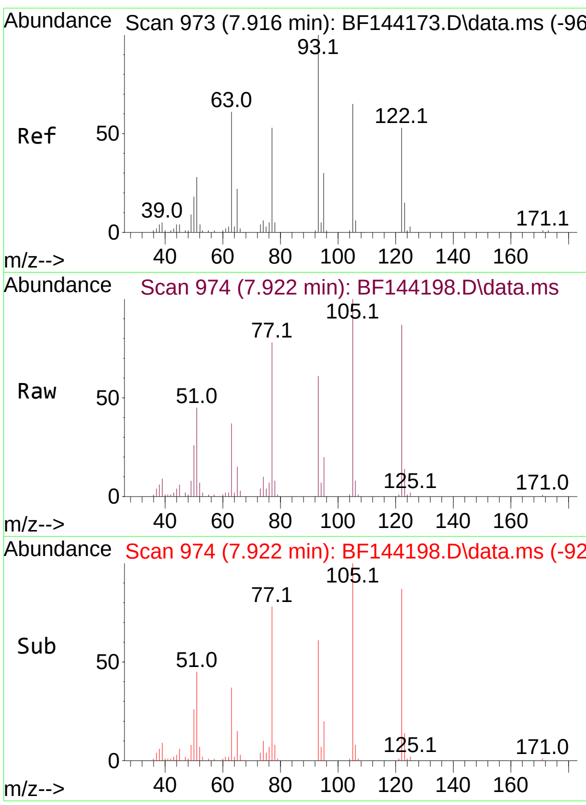


#31
Naphthalene
Concen: 41.391 ng
RT: 8.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:128 Resp: 534471

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	12.7	10.3	15.5

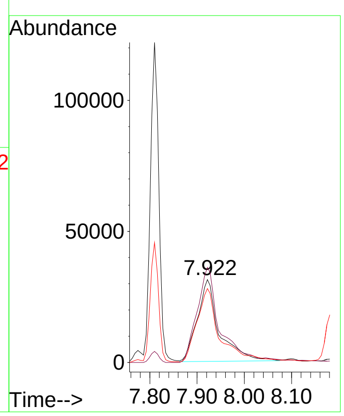




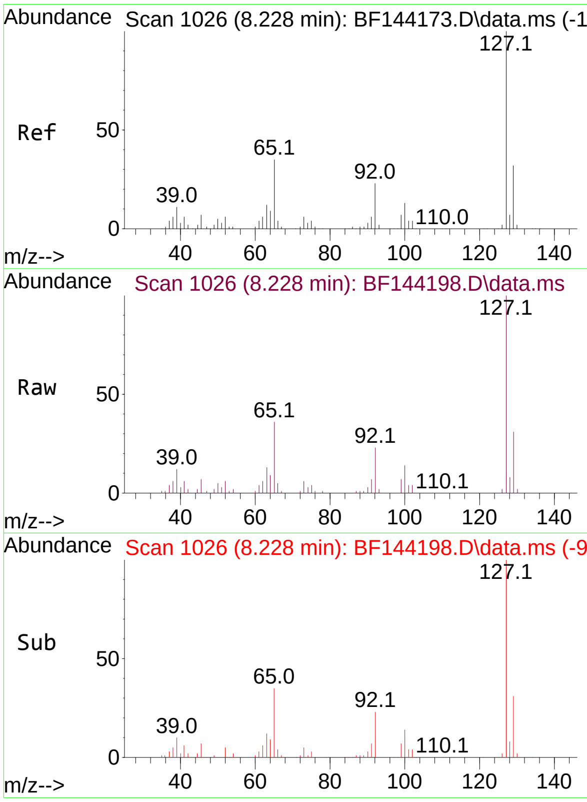
#32
Benzoic acid
Concen: 36.357 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.029 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:122 Resp: 100905

Ion	Ratio	Lower	Upper
122	100		
105	114.7	99.9	139.9
77	89.2	77.5	117.5



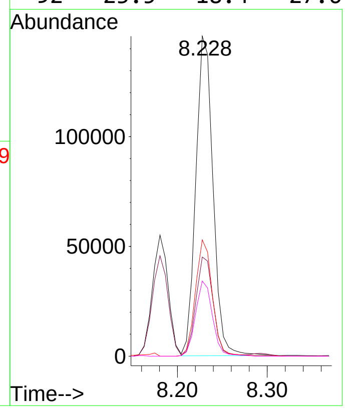
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

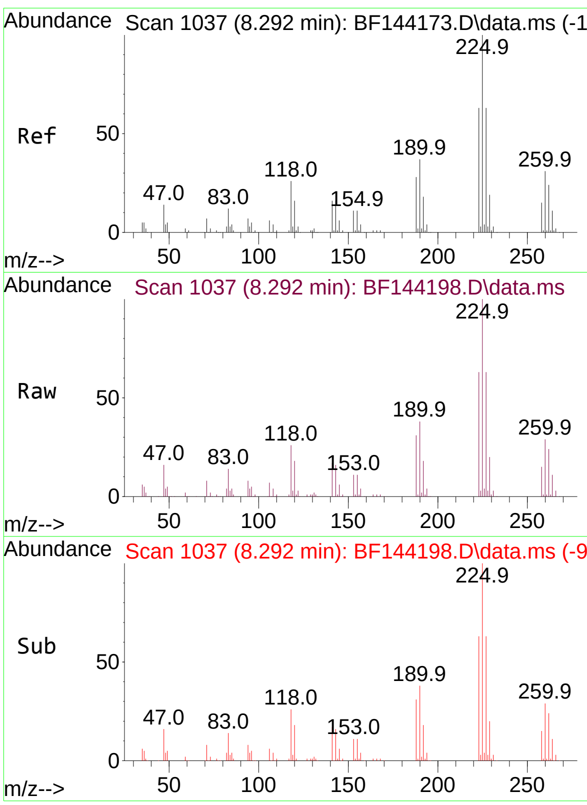


#33
4-Chloroaniline
Concen: 41.158 ng
RT: 8.228 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:127 Resp: 193834

Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.3	37.9
65	36.3	27.6	41.4
92	23.5	18.4	27.6

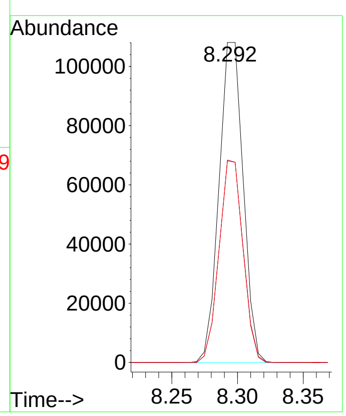




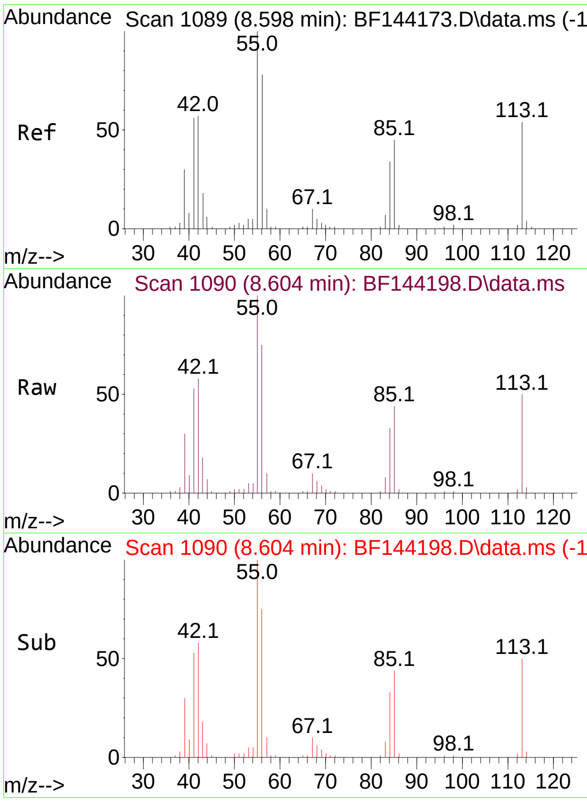
#34
Hexachlorobutadiene
Concen: 41.097 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:225 Resp: 138793

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.4
227	63.0	50.1	75.1



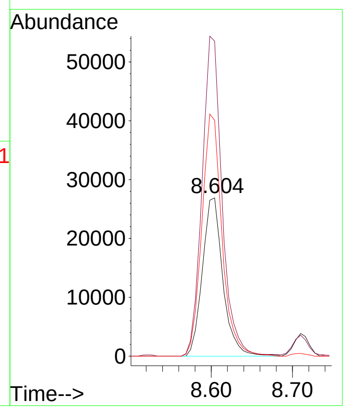
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

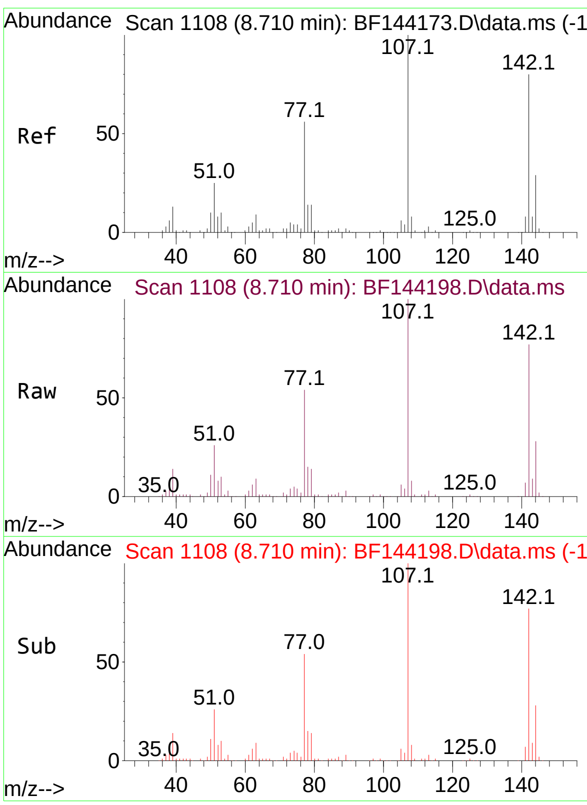


#35
Caprolactam
Concen: 39.364 ng
RT: 8.604 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:113 Resp: 47064

Ion	Ratio	Lower	Upper
113	100		
55	199.0	166.8	206.8
56	149.0	125.9	165.9

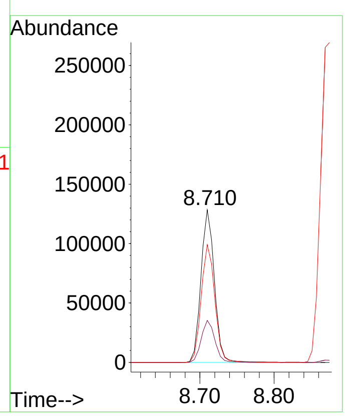




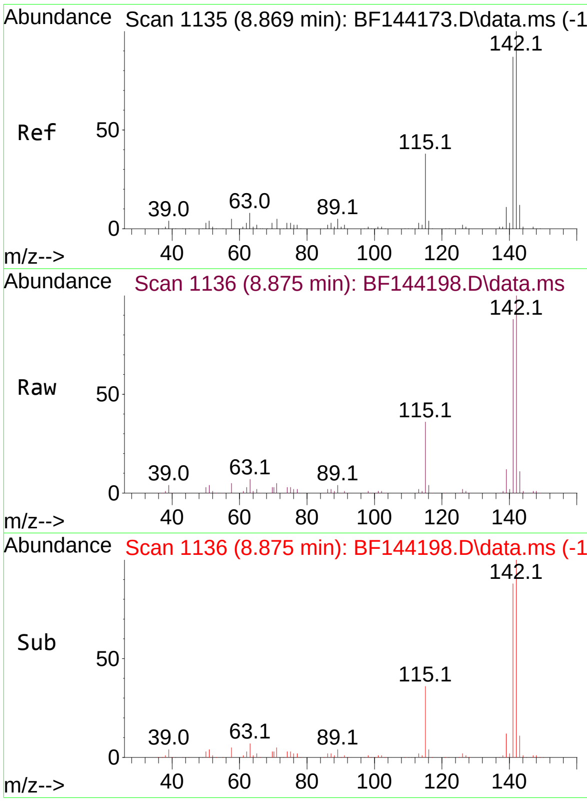
#36
4-Chloro-3-methylphenol
Concen: 41.481 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:107 Resp: 162232

Ion	Ratio	Lower	Upper
107	100		
144	27.5	23.3	34.9
142	77.1	63.8	95.6



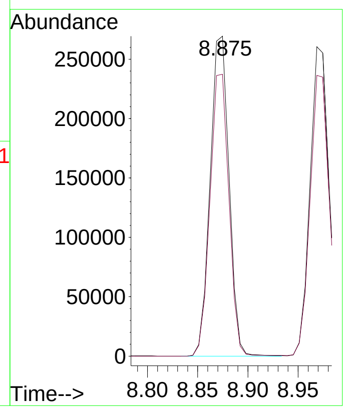
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

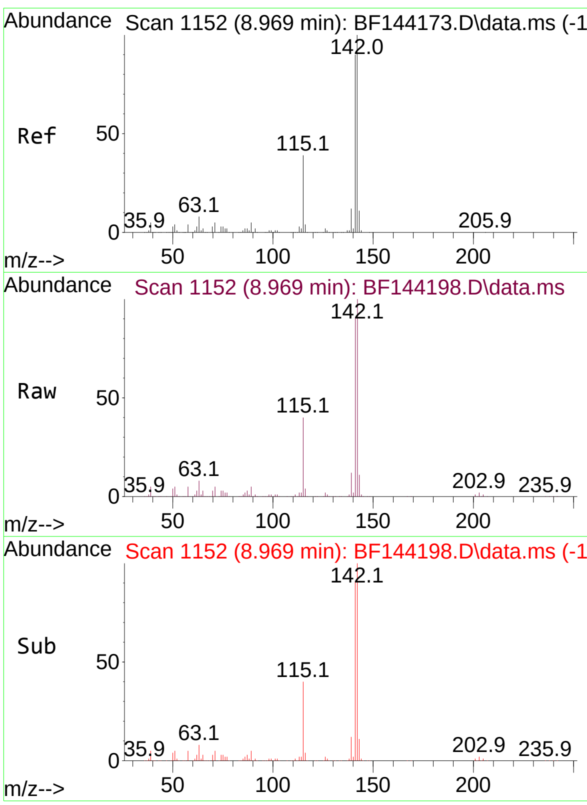


#37
2-Methylnaphthalene
Concen: 40.740 ng
RT: 8.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:142 Resp: 351729

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.9	104.9

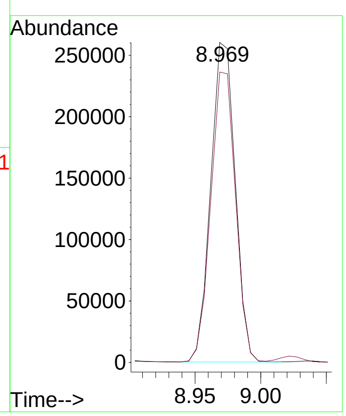




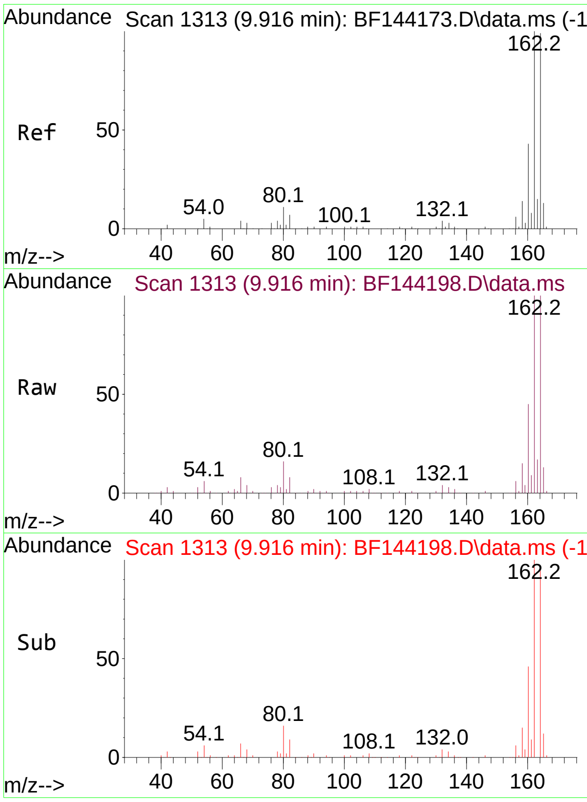
#38
1-Methylnaphthalene
Concen: 40.539 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:142 Resp: 337698

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.1	108.1



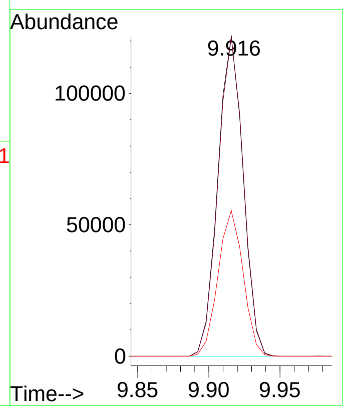
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

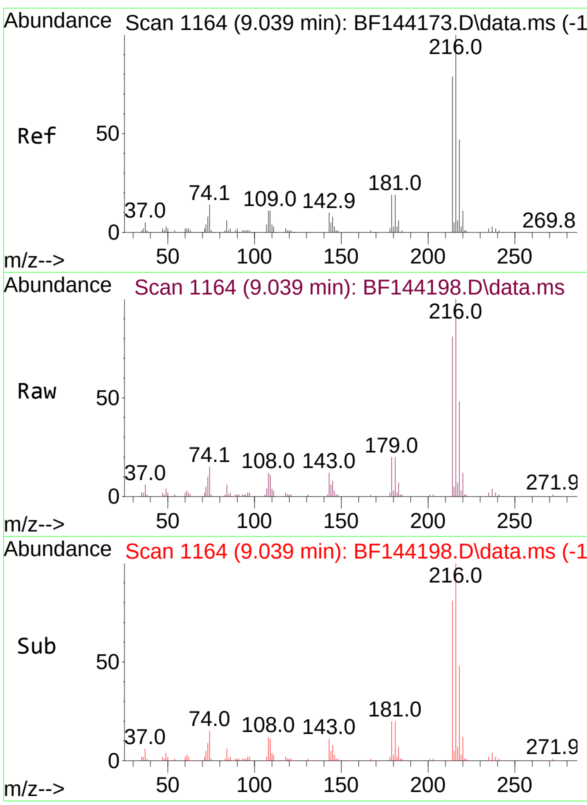


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:164 Resp: 150816

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.1	121.7
160	45.4	34.5	51.7

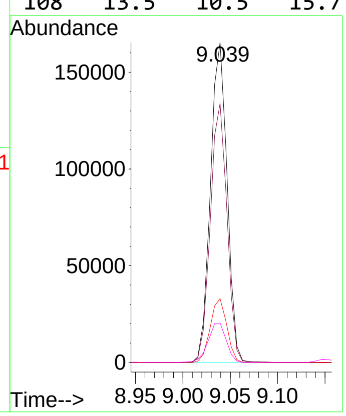




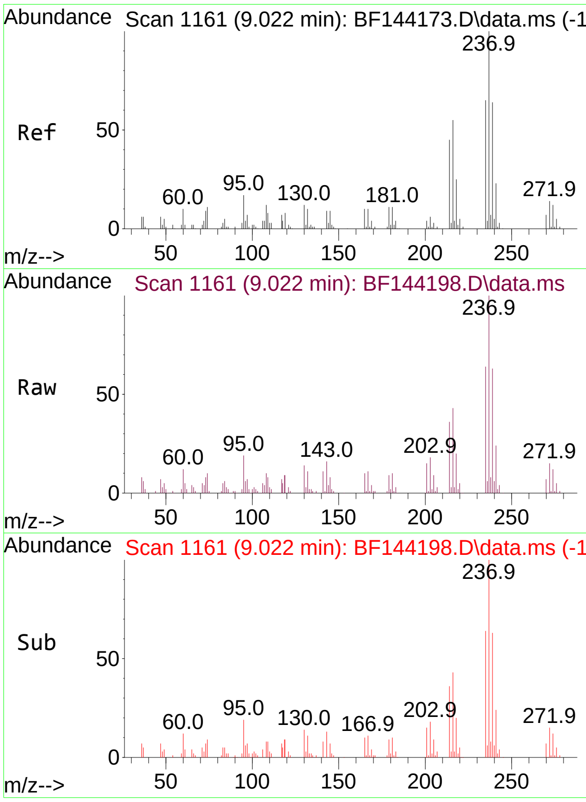
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.967 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:216 Resp: 202490

Ion	Ratio	Lower	Upper
216	100		
214	80.8	63.4	95.2
179	19.8	15.0	22.4
108	13.5	10.5	15.7



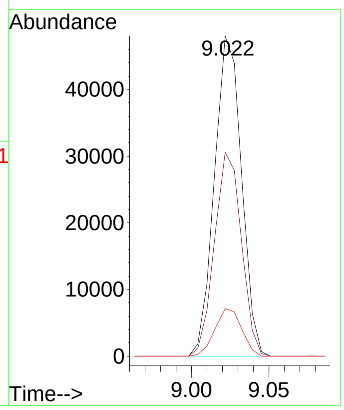
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

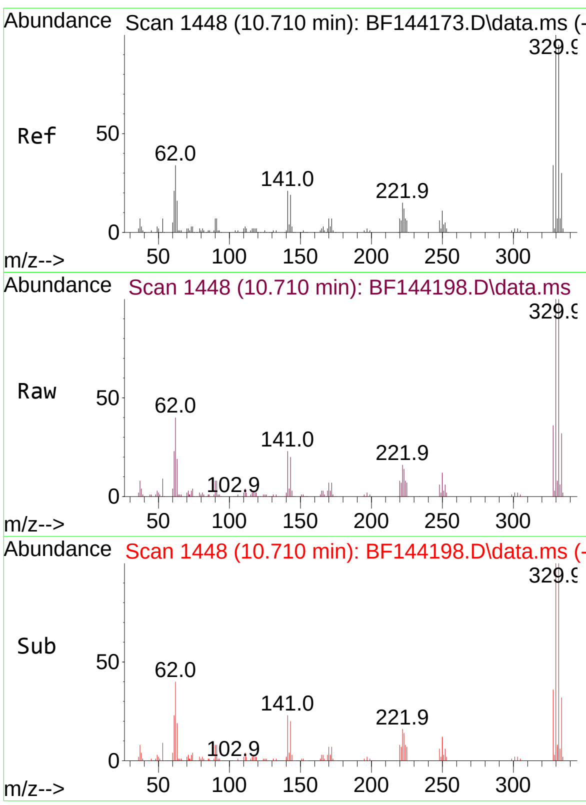


#41
Hexachlorocyclopentadiene
Concen: 39.027 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:237 Resp: 58396

Ion	Ratio	Lower	Upper
237	100		
235	63.7	45.5	85.5
272	14.8	0.0	33.5

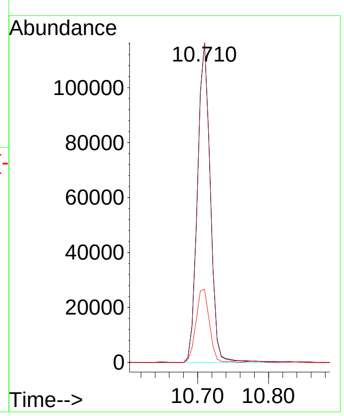




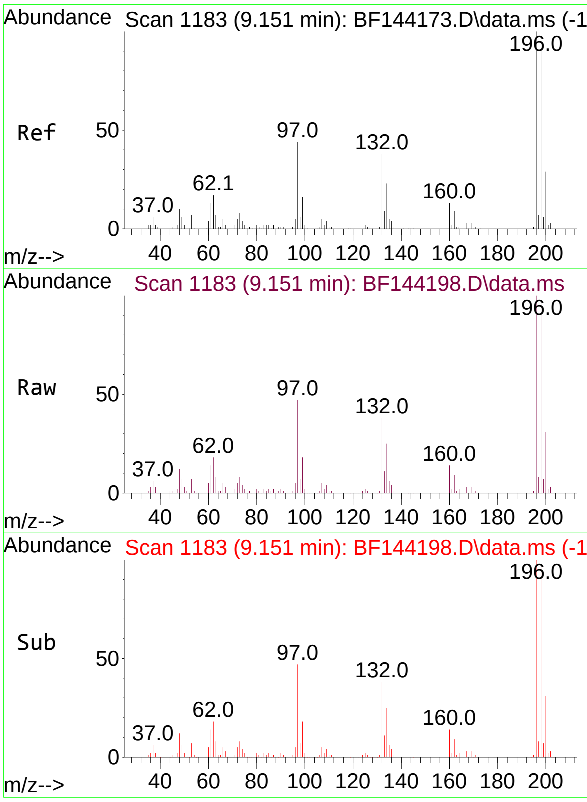
#42
2,4,6-Tribromophenol
Concen: 77.364 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:330 Resp: 146416

Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.7	115.1
141	23.9	17.8	26.8



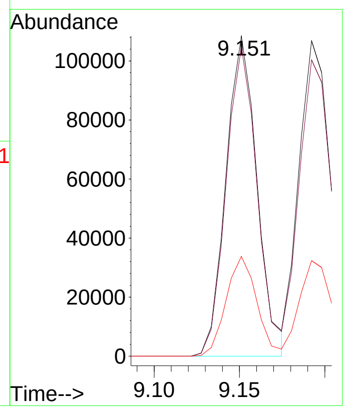
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

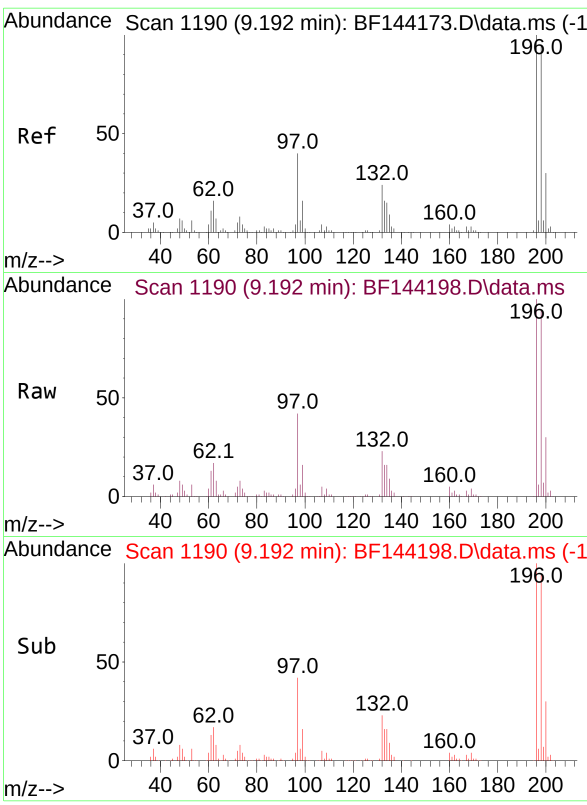


#43
2,4,6-Trichlorophenol
Concen: 40.885 ng
RT: 9.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:196 Resp: 137540

Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.3	112.9
200	31.2	23.4	35.2

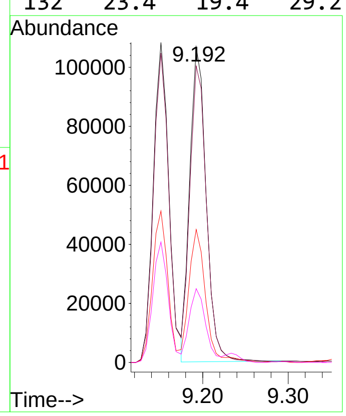




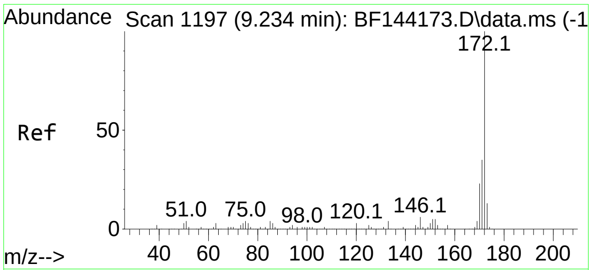
#44
2,4,5-Trichlorophenol
Concen: 39.469 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

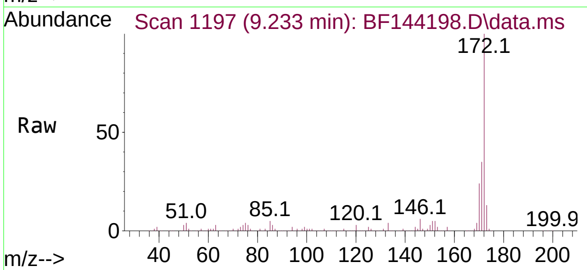
Tgt Ion:196 Resp: 143106

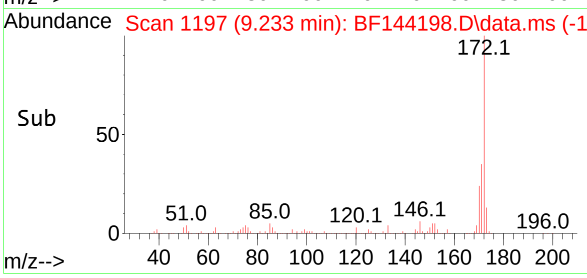
Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.1	114.1
97	42.2	31.9	47.9
132	23.4	19.4	29.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



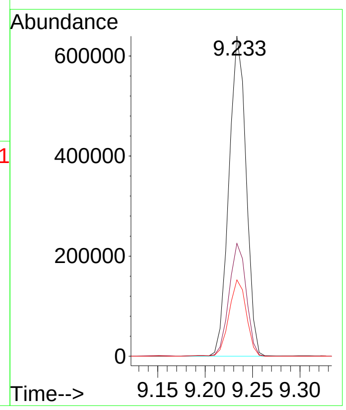


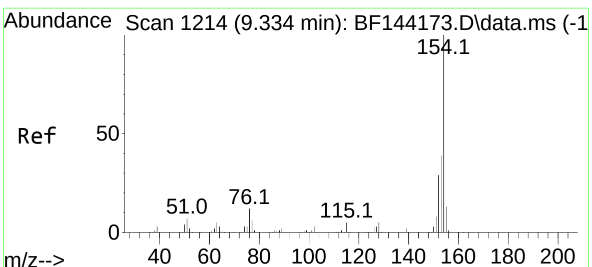


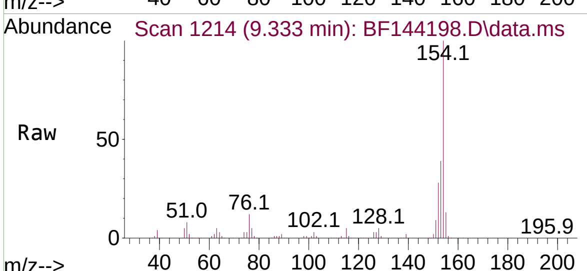
#45
2-Fluorobiphenyl
Concen: 79.108 ng
RT: 9.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

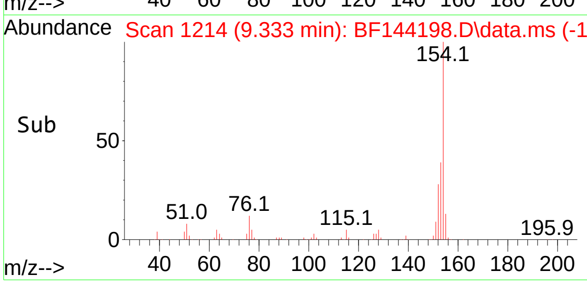
Tgt Ion:172 Resp: 807802

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.9	18.6	28.0





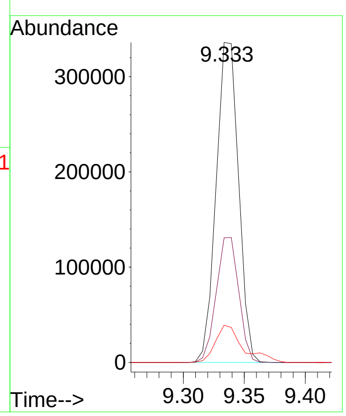




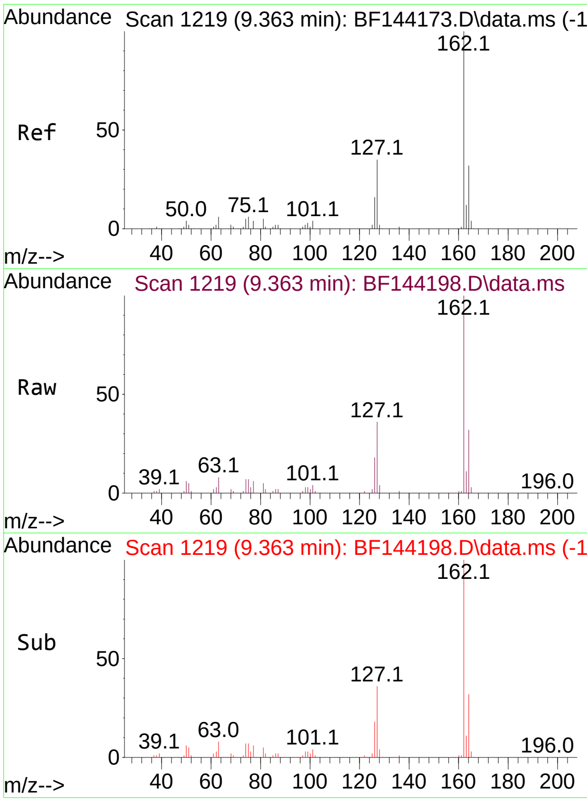
#46
1,1'-Biphenyl
Concen: 40.895 ng
RT: 9.333 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:154 Resp: 430515

Ion	Ratio	Lower	Upper
154	100		
153	38.9	19.2	59.2
76	11.6	0.0	31.8



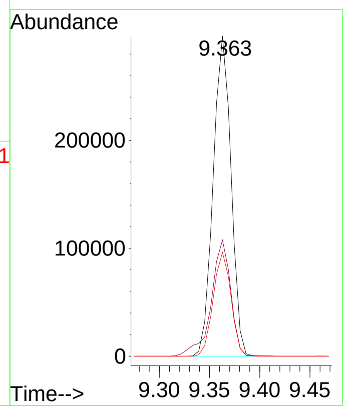
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

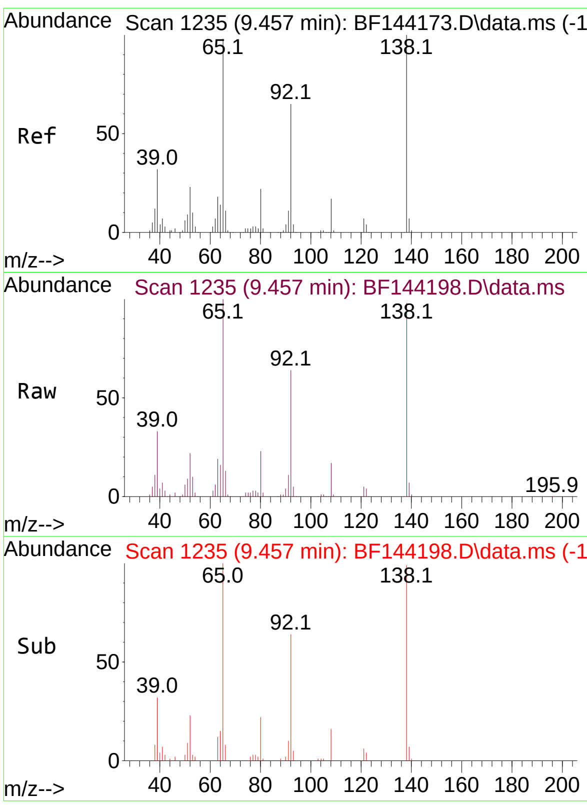


#47
2-Chloronaphthalene
Concen: 40.928 ng
RT: 9.363 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:162 Resp: 367534

Ion	Ratio	Lower	Upper
162	100		
127	36.3	28.8	43.2
164	32.4	25.8	38.8

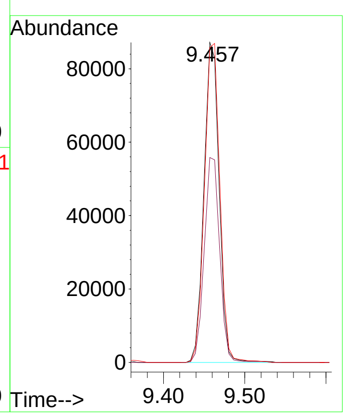




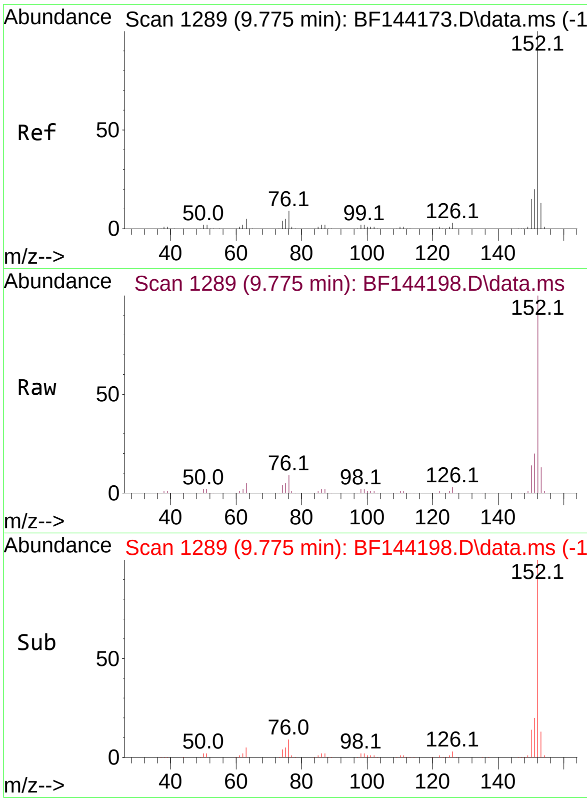
#48
2-Nitroaniline
Concen: 43.722 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 65 Resp: 113284

Ion	Ratio	Lower	Upper
65	100		
92	64.0	53.0	79.6
138	98.4	81.6	122.4



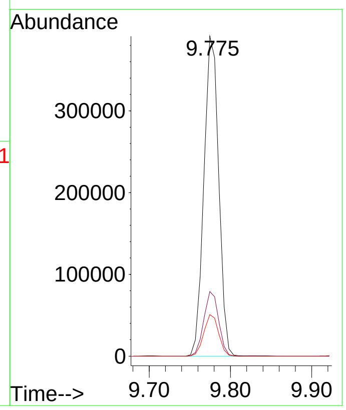
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

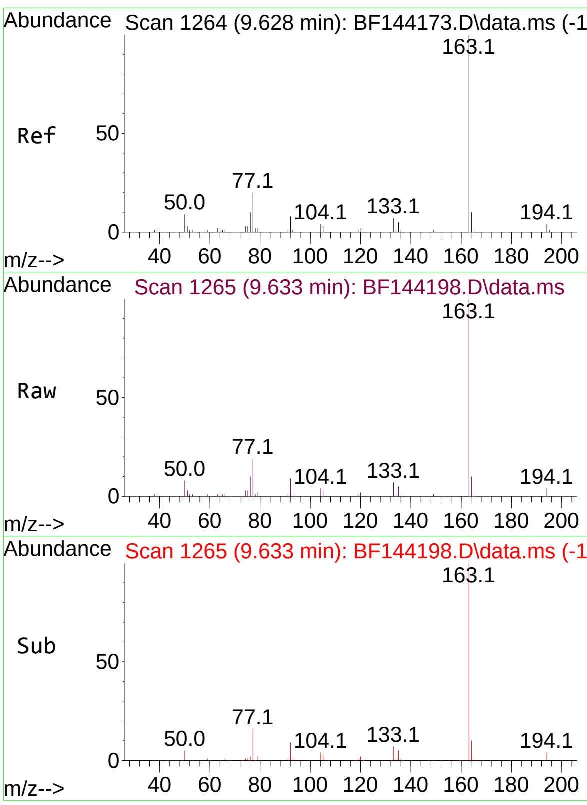


#49
Acenaphthylene
Concen: 40.591 ng
RT: 9.775 min   Scan# 1
Delta R.T.   -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion:152 Resp: 496729

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.0	10.5	15.7

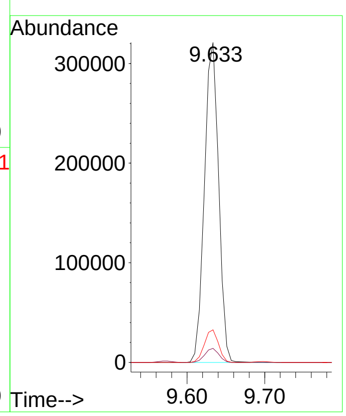




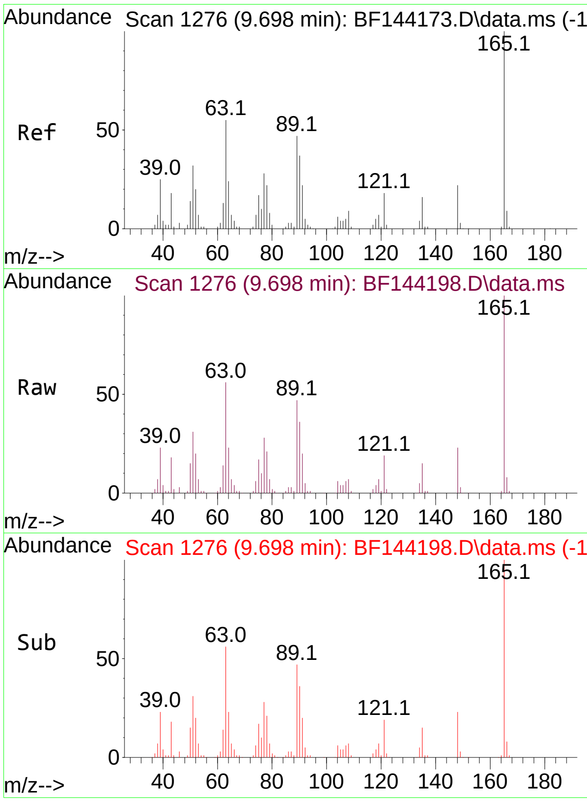
#50
Dimethylphthalate
Concen: 40.861 ng
RT: 9.633 min   Scan# 1265
Delta R.T.   0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion:163 Resp: 408251

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.2	8.1	12.1



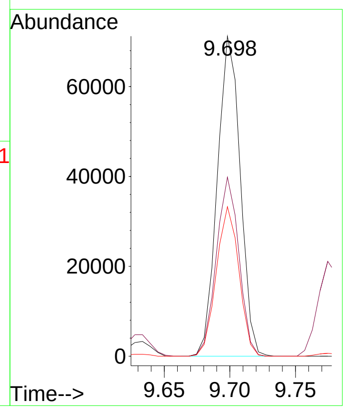
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

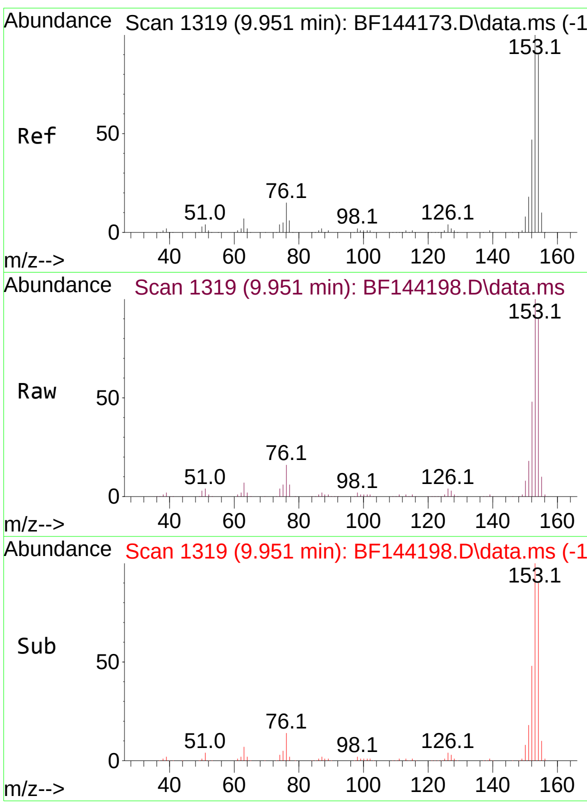


#51
2,6-Dinitrotoluene
Concen: 42.865 ng
RT: 9.698 min   Scan# 1
Delta R.T.   0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion:165 Resp: 86697

Ion	Ratio	Lower	Upper
165	100		
63	55.9	43.8	65.8
89	46.7	37.5	56.3

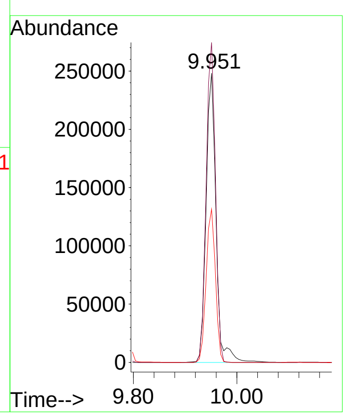




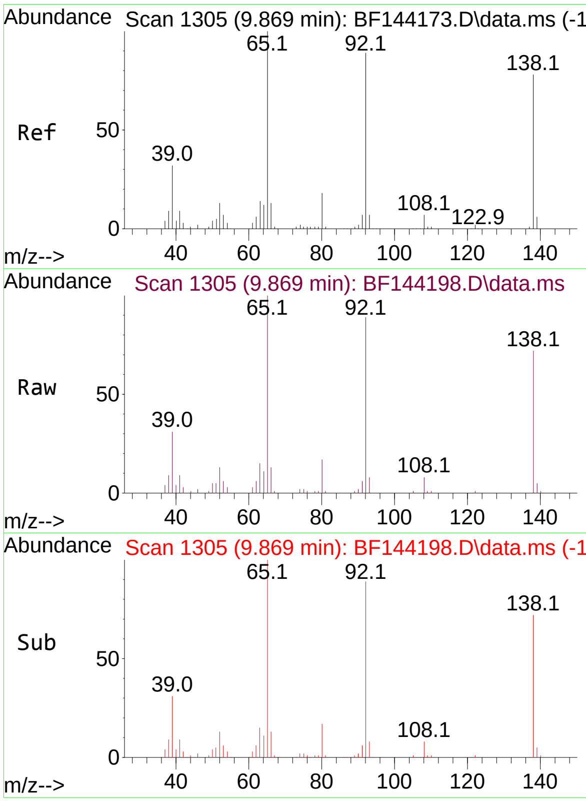
#52
Acenaphthene
Concen: 40.511 ng
RT: 9.951 min   Scan# 1319
Delta R.T.   0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion:154 Resp: 331509

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.0	133.4
152	53.0	42.2	63.4



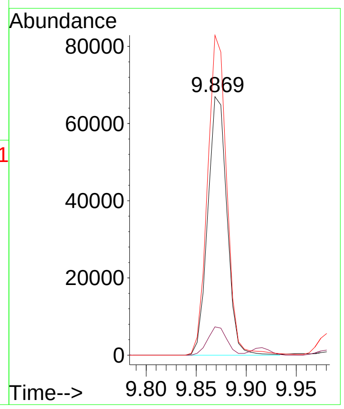
Sample Results: **BF144198.D**

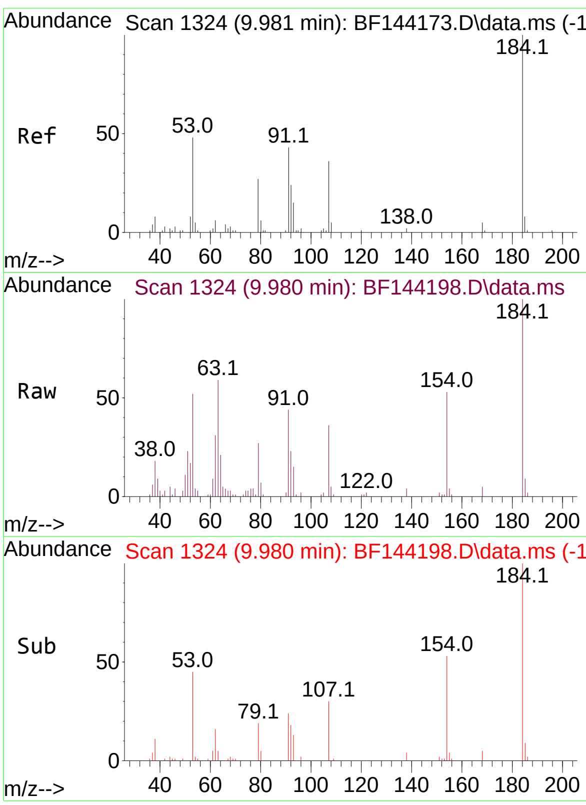



```
#53
3-Nitroaniline
Concen:   40.190 ng
RT:   9.869 min  Scan# 1
Delta R.T.   -0.000 min
Lab File:   BF144198.D
Acq: 11 Nov 2025  10:09

Tgt Ion:138 Resp:   88858
Ion  Ratio  Lower  Upper
138  100
108   10.9    7.5   11.3
 92  123.8   91.8  137.6
```

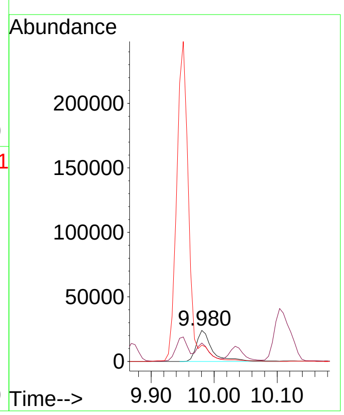
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



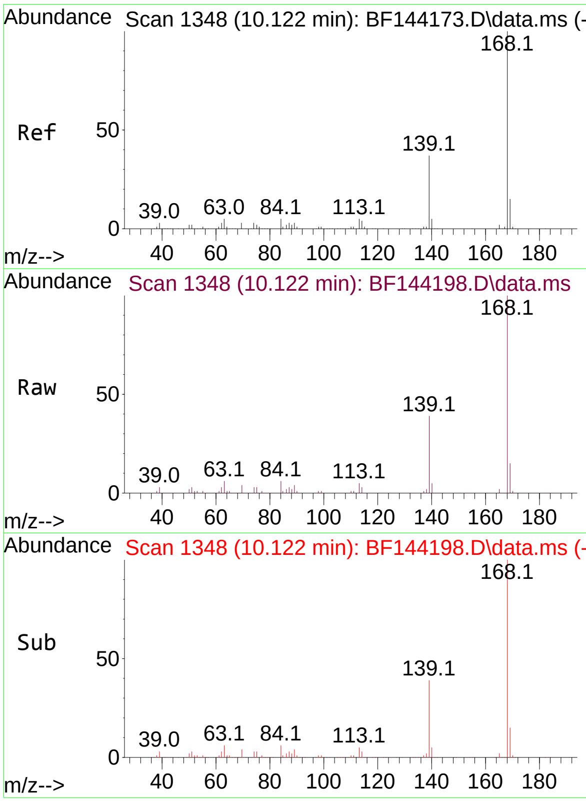



```
#54
2,4-Dinitrophenol
Concen:   34.075 ng
RT:   9.980 min  Scan# 1324
Delta R.T.   -0.006 min
Lab File:   BF144198.D
Acq: 11 Nov 2025  10:09

Tgt Ion:184 Resp:   41617
Ion  Ratio  Lower  Upper
184  100
 63   59.2   44.0   66.0
154   52.6   42.4   63.6
```

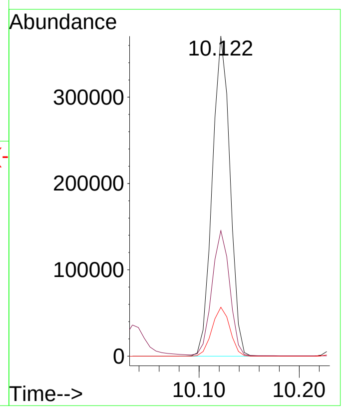


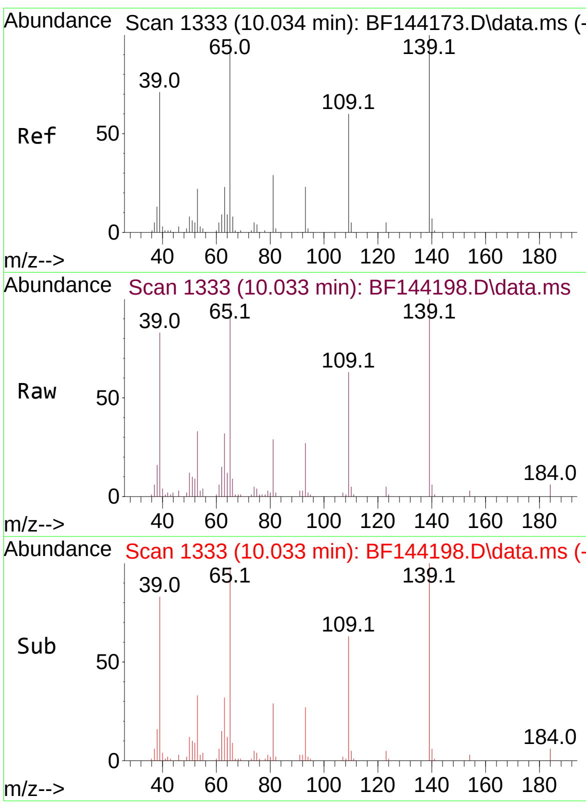
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040




```
#55
Dibenzofuran
Concen:   39.968 ng
RT:  10.122 min  Scan# 1
Delta R.T.  0.006 min
Lab File:   BF144198.D
Acq: 11 Nov 2025  10:09

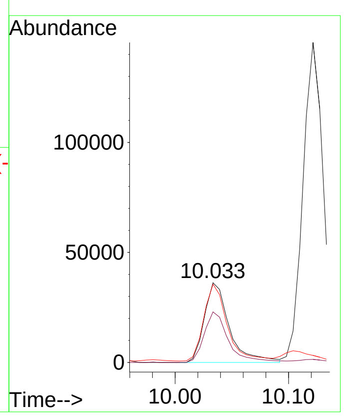
Tgt Ion:168 Resp:  458069
Ion  Ratio  Lower  Upper
168  100
139   39.2   30.2   45.2
169   15.3   12.2   18.4
```



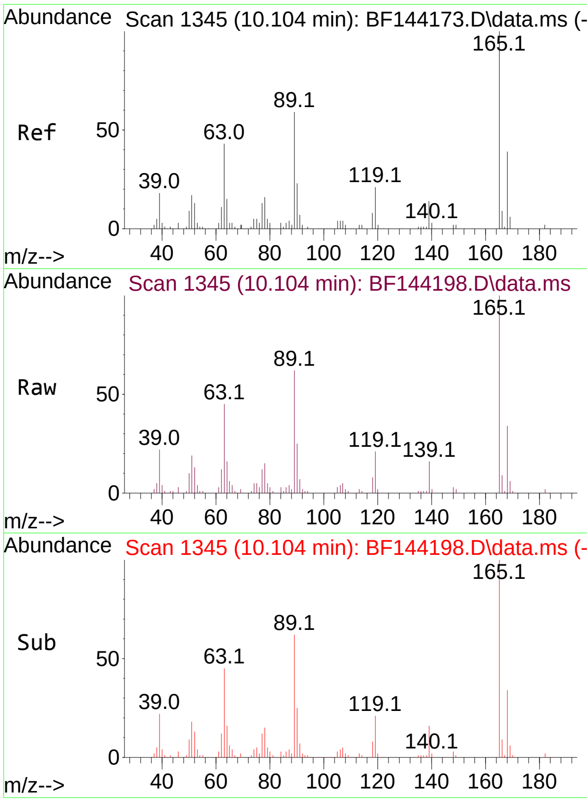



```
#56
4-Nitrophenol
Concen:   34.763 ng
RT:  10.033 min  Scan# 1333
Delta R.T.  -0.006 min
Lab File:   BF144198.D
Acq: 11 Nov 2025  10:09

Tgt Ion:139 Resp:   55598
Ion  Ratio  Lower  Upper
139  100
109   63.5   39.9   79.9
 65   98.3   79.5  119.5
```



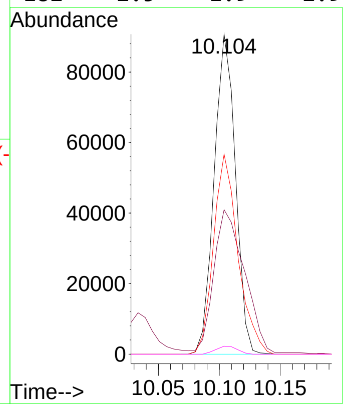
Instrument : BNA_F
ClientSampleId : SSTDCCC040

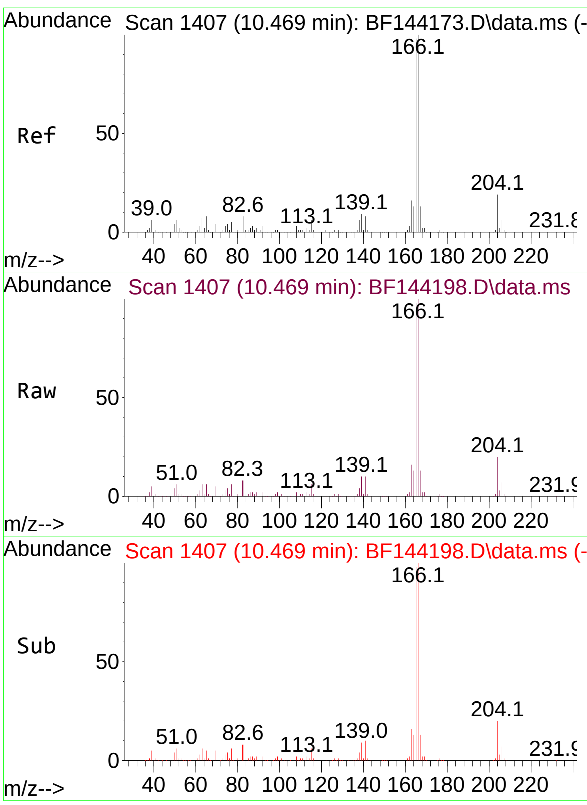


#57
2,4-Dinitrotoluene
Concen: 40.748 ng
RT: 10.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:165 Resp: 110330

Ion	Ratio	Lower	Upper
165	100		
63	45.1	35.5	53.3
89	62.5	47.4	71.2
182	2.5	1.9	2.9

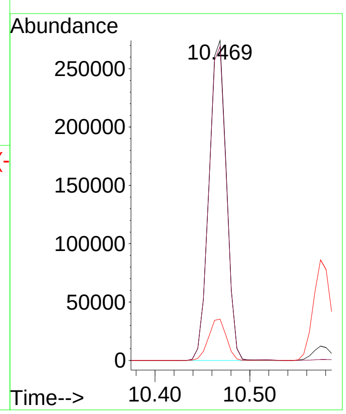




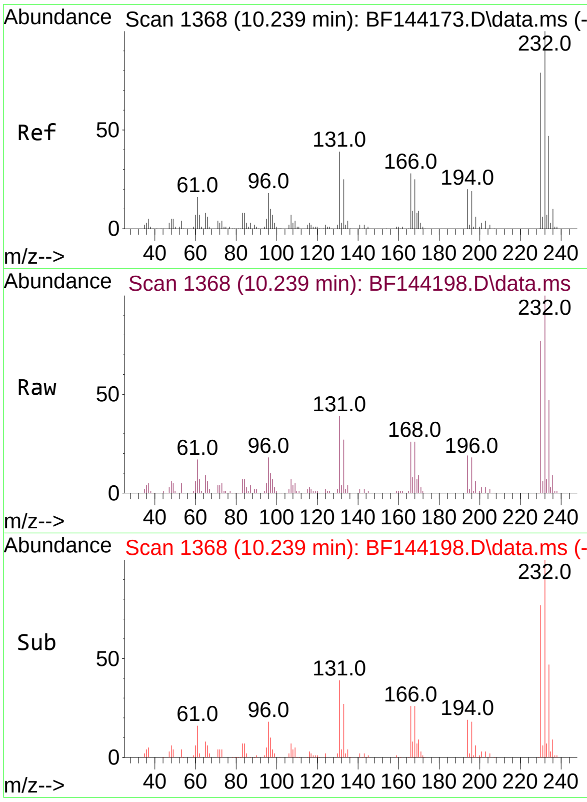
#58
Fluorene
Concen: 40.383 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:166 Resp: 351893

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	118.0
167	12.9	10.4	15.6



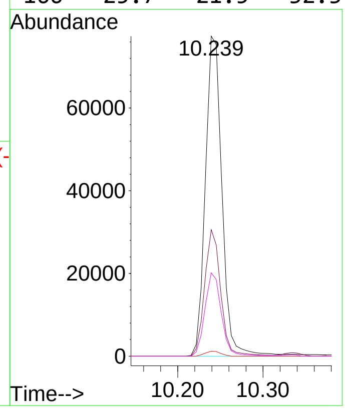
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

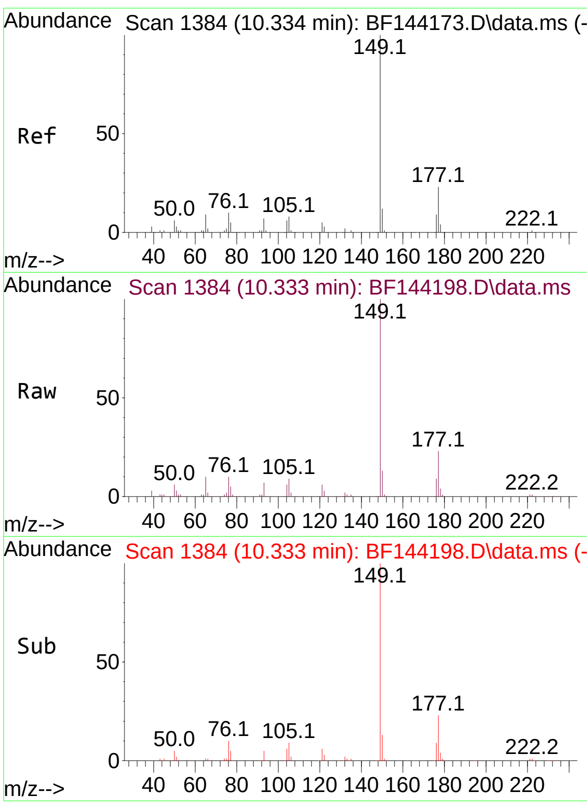


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.773 ng
RT: 10.239 min Scan# 13
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:232 Resp: 104592

Ion	Ratio	Lower	Upper
232	100		
131	38.3	30.3	45.5
130	1.4	1.2	1.8
166	25.7	21.5	32.3

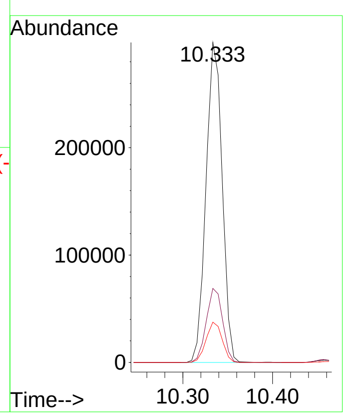




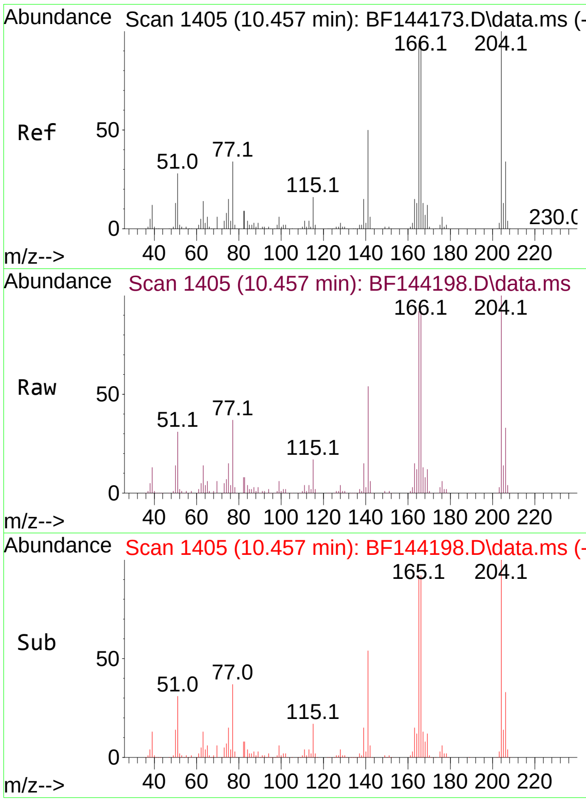
#60
Diethylphthalate
Concen: 40.626 ng
RT: 10.333 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:149 Resp: 374181

Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	12.6	9.8	14.6



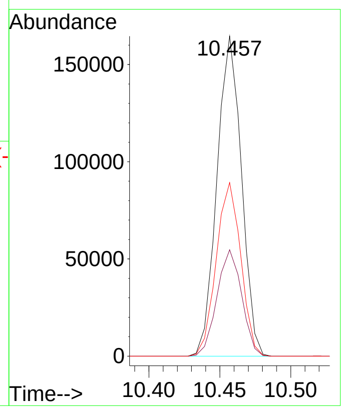
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

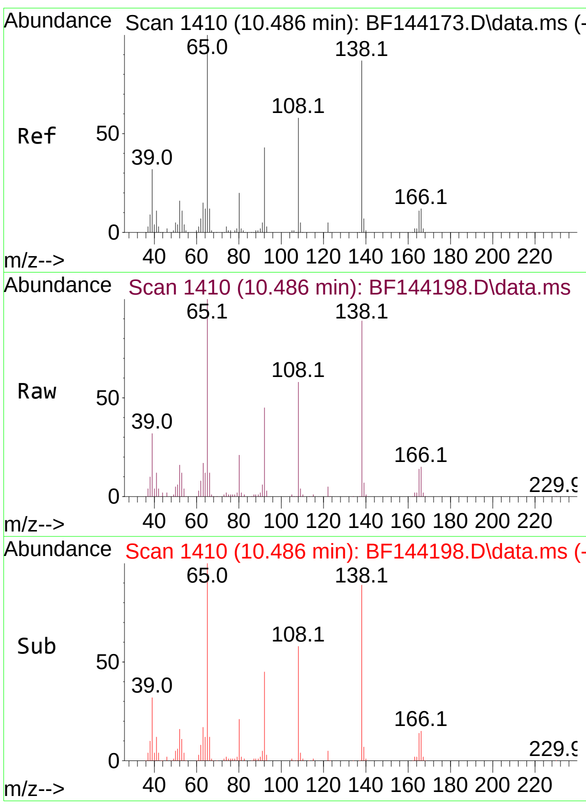


#61
4-Chlorophenyl-phenylether
Concen: 39.846 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:204 Resp: 197779

Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.4	41.2
141	54.2	40.0	60.0

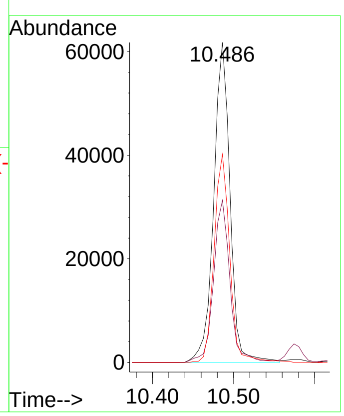




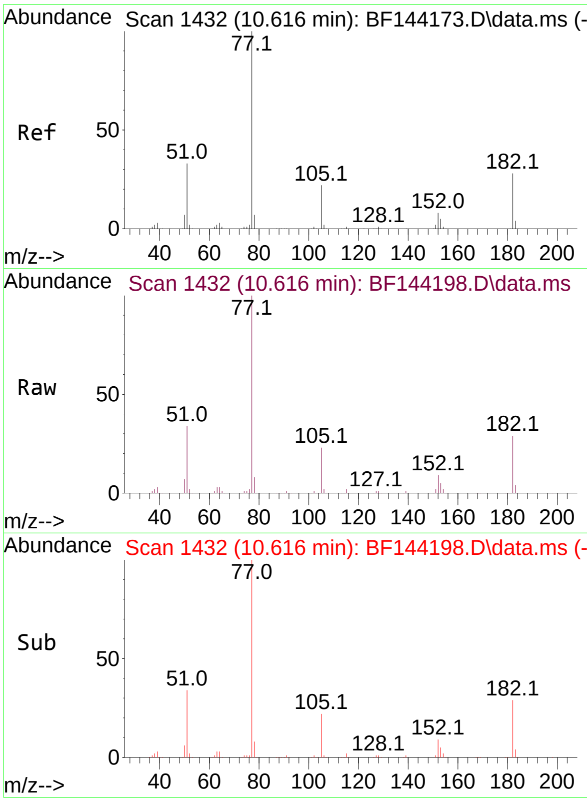
#62
4-Nitroaniline
Concen: 41.136 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:138 Resp: 86613

Ion	Ratio	Lower	Upper
138	100		
92	50.6	29.4	69.4
108	65.0	46.4	86.4



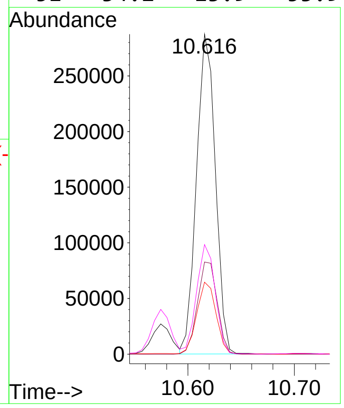
Instrument : BNA_F
ClientSampleId : SSTDCCC040

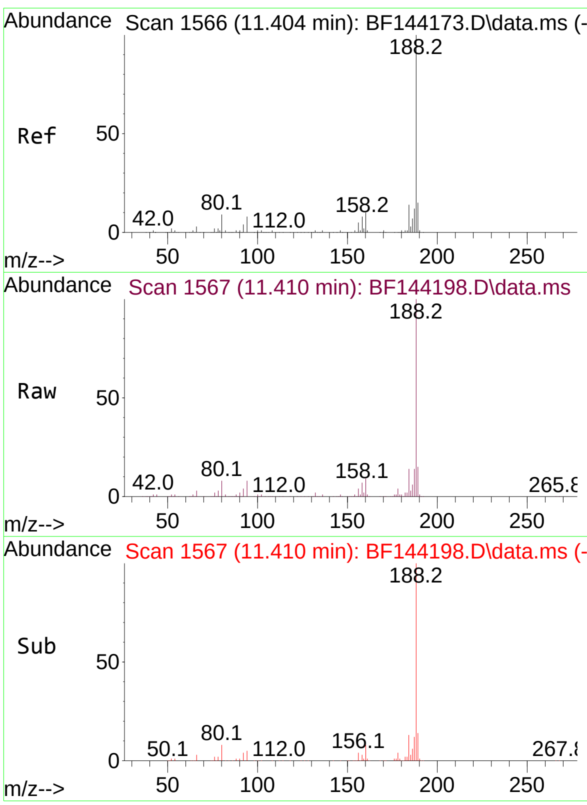


#63
Azobenzene
Concen: 41.456 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 77 Resp: 355358

Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.1	48.1
105	22.5	2.0	42.0
51	34.2	13.9	53.9

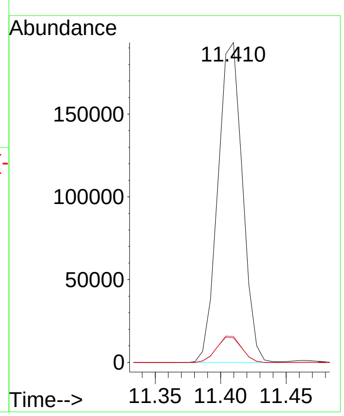




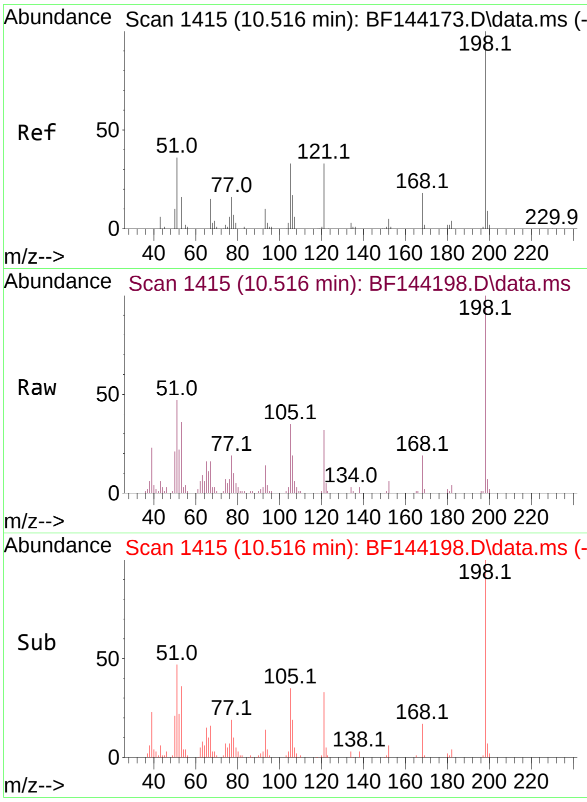
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:188 Resp: 253608

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.2	9.2
80	8.1	6.9	10.3



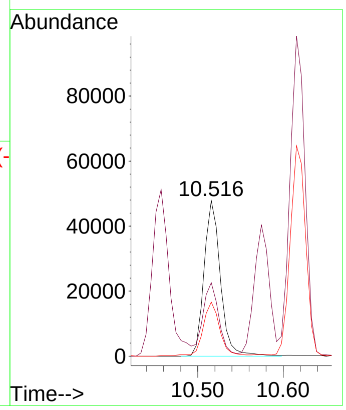
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

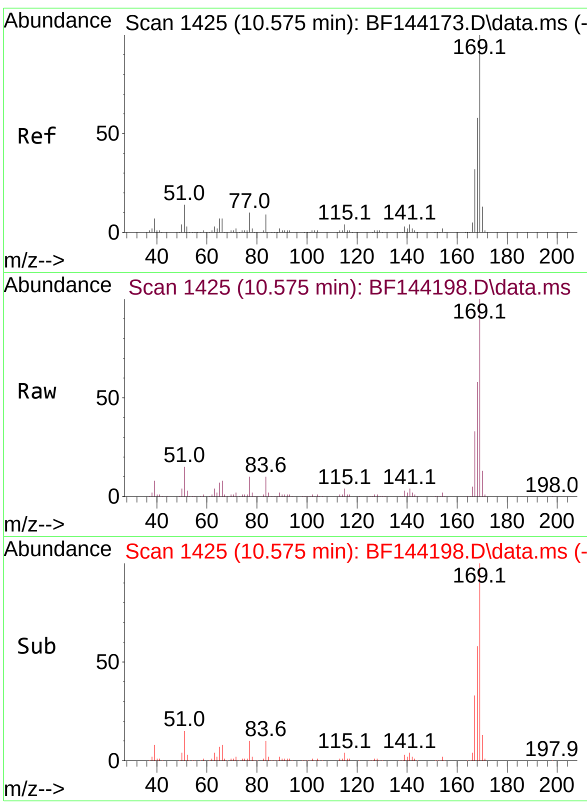


#65
4,6-Dinitro-2-methylphenol
Concen: 37.036 ng
RT: 10.516 min   Scan# 14
Delta R.T.   -0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion:198 Resp: 63808

Ion	Ratio	Lower	Upper
198	100		
51	47.3	25.6	65.6
105	34.7	14.6	54.6

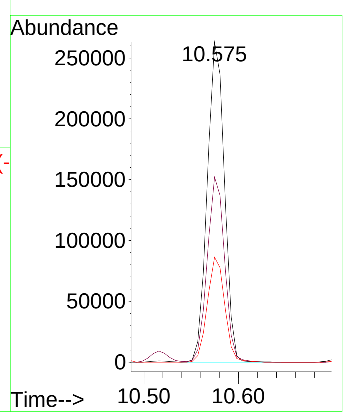




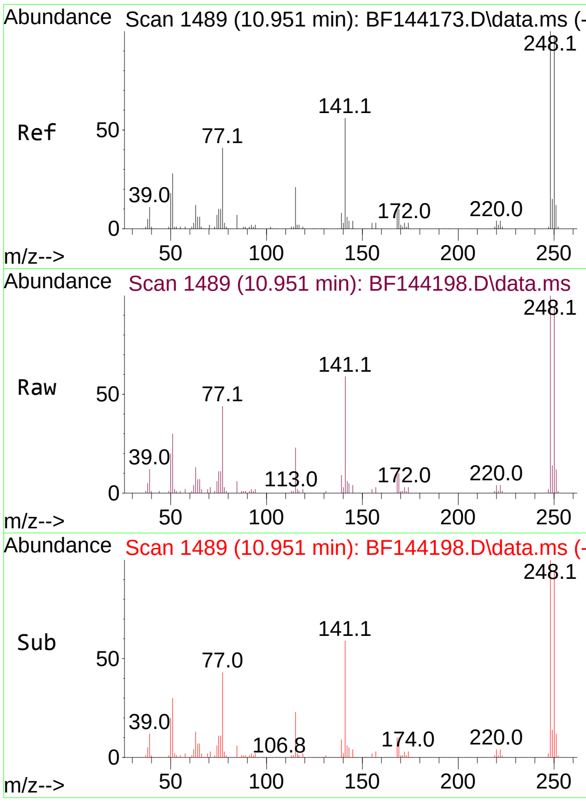
#66
n-Nitrosodiphenylamine
Concen: 40.851 ng
RT: 10.575 min   Scan# 1425
Delta R.T.   0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025   10:09

Tgt Ion:169 Resp: 333207

Ion	Ratio	Lower	Upper
169	100		
168	57.8	46.2	69.2
167	32.8	25.7	38.5



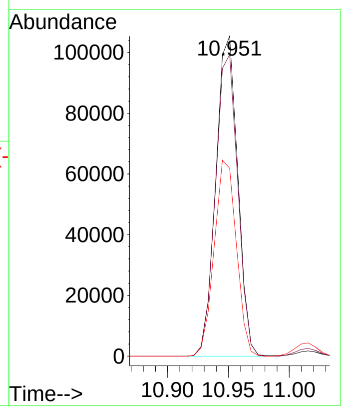
Instrument : BNA_F
ClientSampleId : SSTDCCC040

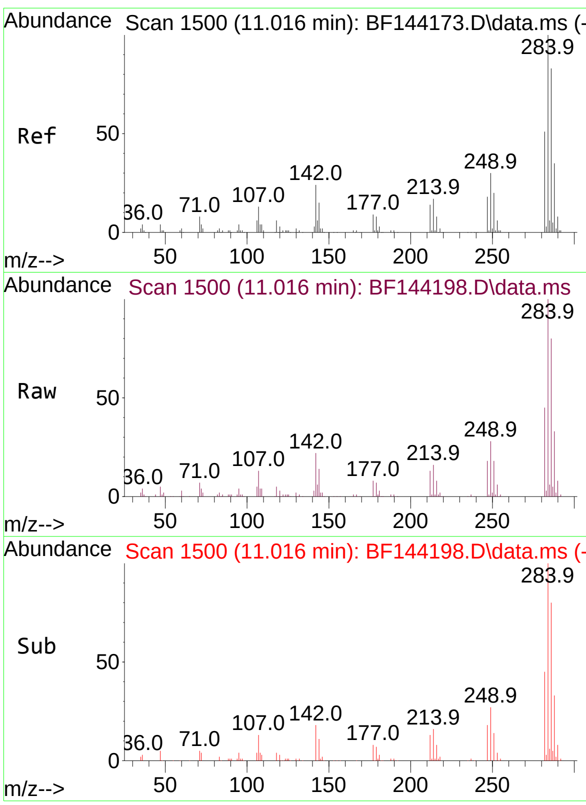


#67
4-Bromophenyl-phenylether
Concen: 41.051 ng
RT: 10.951 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:248 Resp: 132885

Ion	Ratio	Lower	Upper
248	100		
250	94.2	78.4	117.6
141	58.8	45.1	67.7

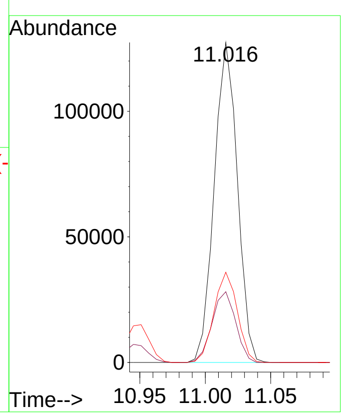




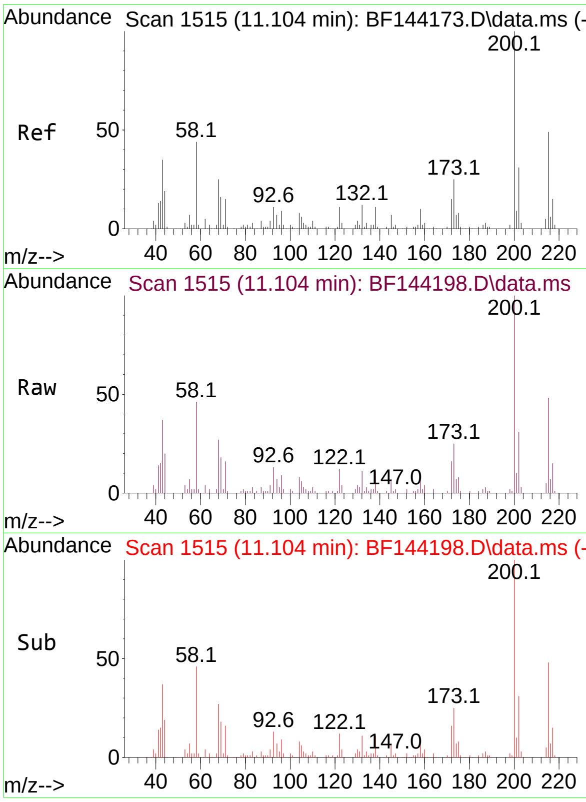
#68
Hexachlorobenzene
Concen: 41.159 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:284 Resp: 156932

Ion	Ratio	Lower	Upper
284	100		
142	22.1	19.2	28.8
249	28.2	23.8	35.8



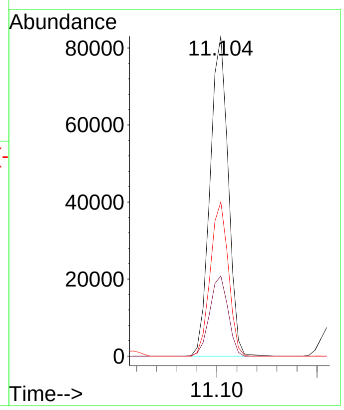
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

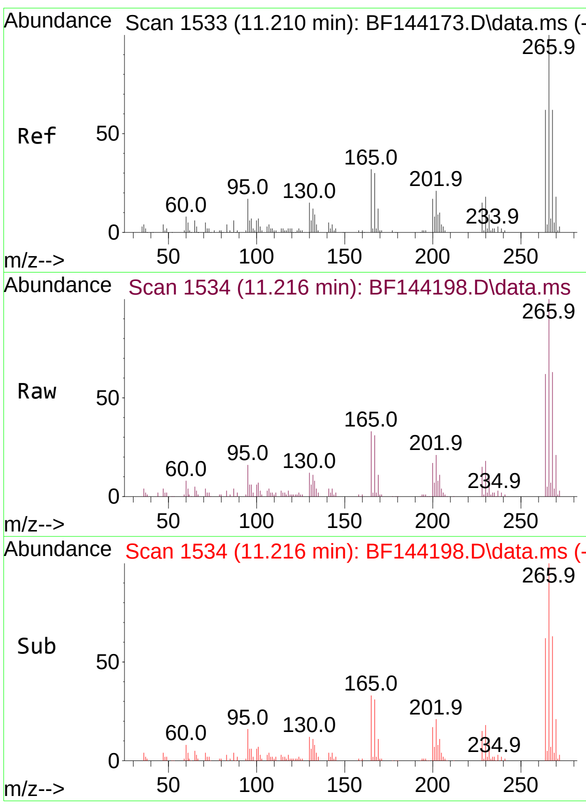


#69
Atrazine
Concen: 40.143 ng
RT: 11.104 min Scan# 15
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:200 Resp: 104132

Ion	Ratio	Lower	Upper
200	100		
173	25.1	5.0	45.0
215	48.2	28.7	68.7

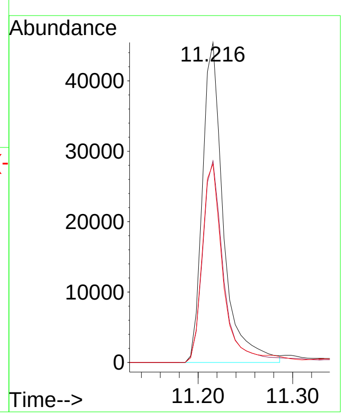




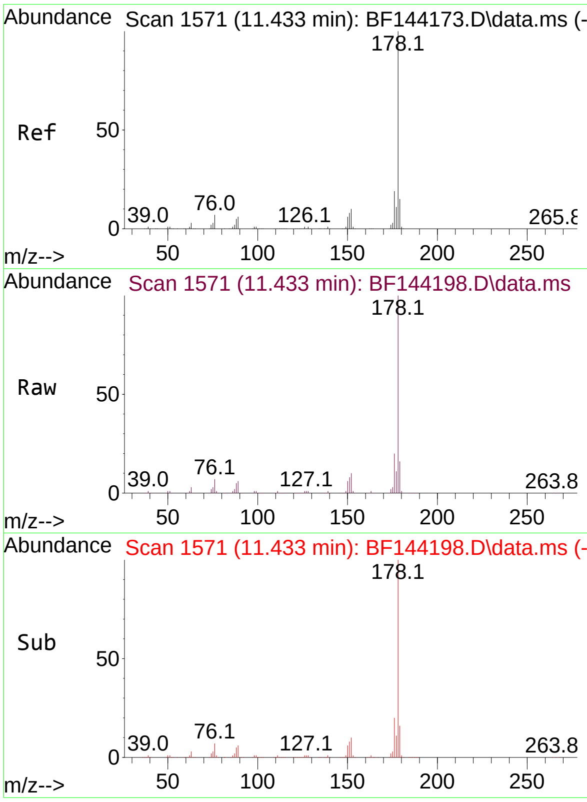
#70
Pentachlorophenol
Concen: 36.877 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:266 Resp: 70017

Ion	Ratio	Lower	Upper
266	100		
268	63.0	49.5	74.3
264	62.0	49.4	74.2



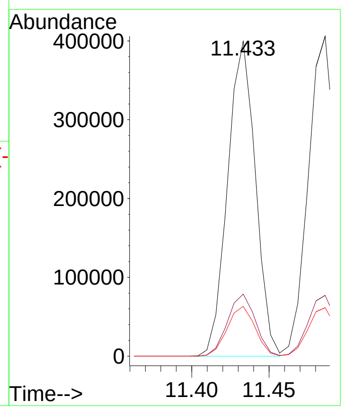
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

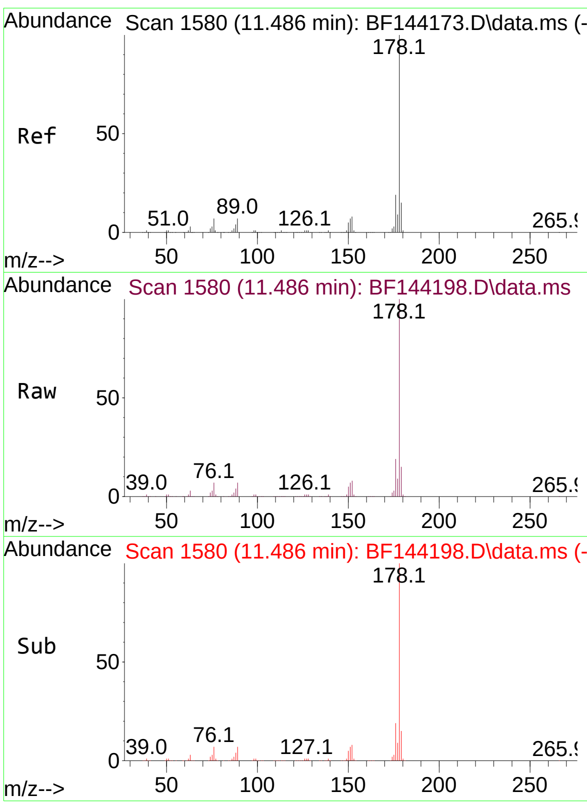


#71
Phenanthrene
Concen: 39.635 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:178 Resp: 500461

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.8	12.2	18.4

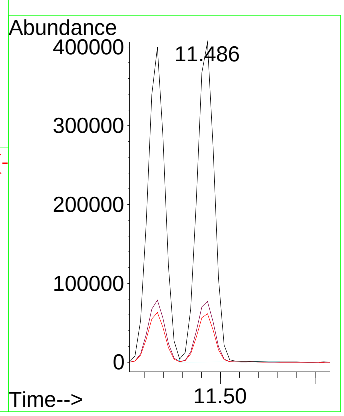




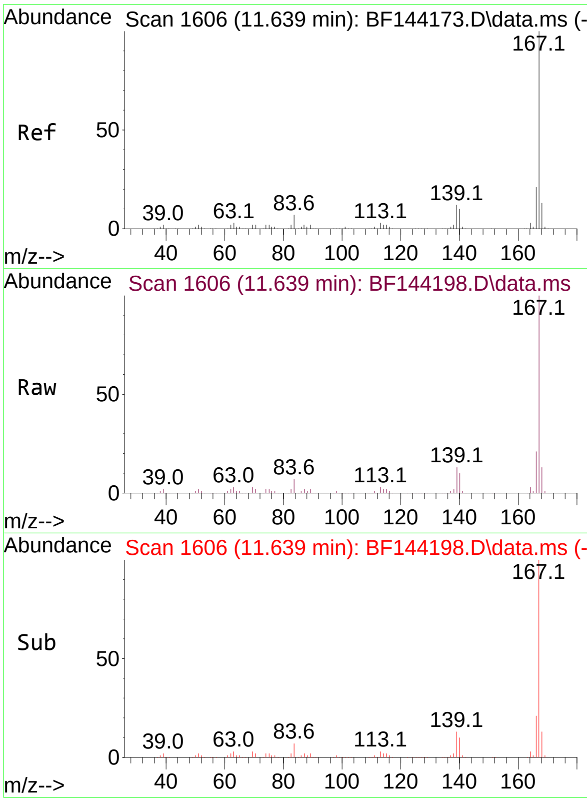
#72
Anthracene
Concen: 40.246 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:178 Resp: 516728

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.1	12.0	18.0



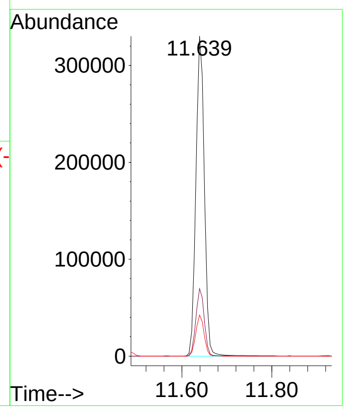
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

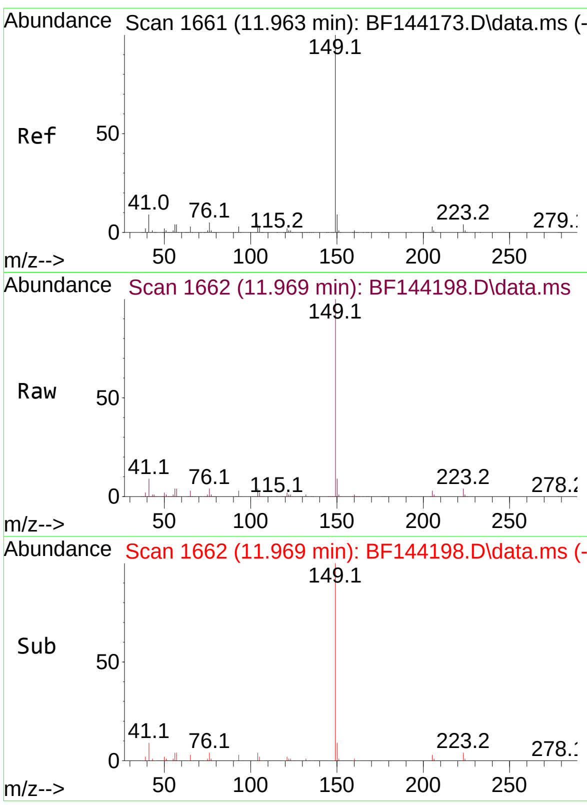


#73
Carbazole
Concen: 39.597 ng
RT: 11.639 min Scan# 16
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:167 Resp: 432310

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	12.8	9.9	14.9

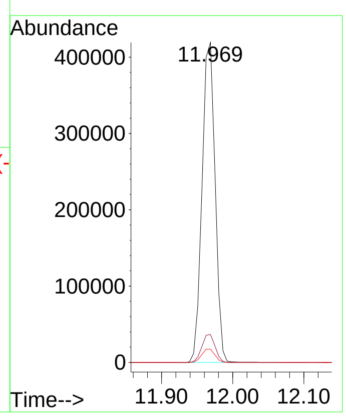




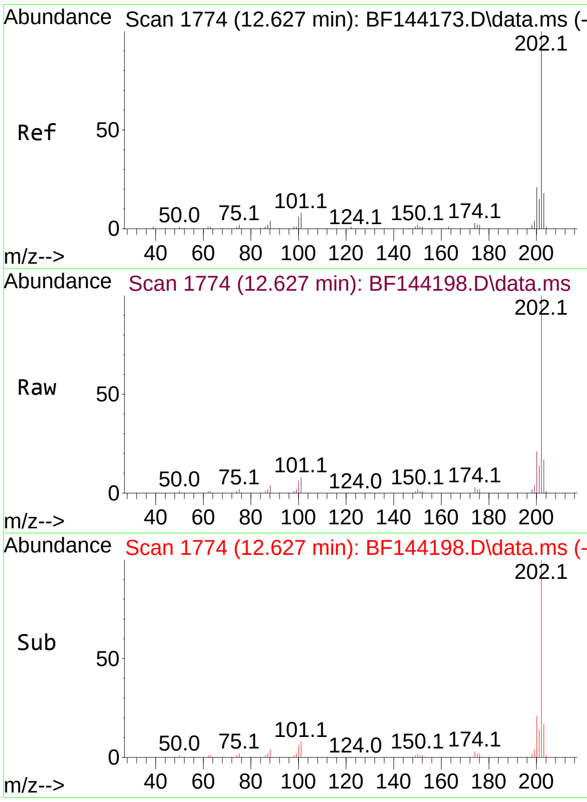
#74
Di-n-butylphthalate
Concen: 40.329 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:149 Resp: 532269

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.4	11.0
104	4.1	3.4	5.2



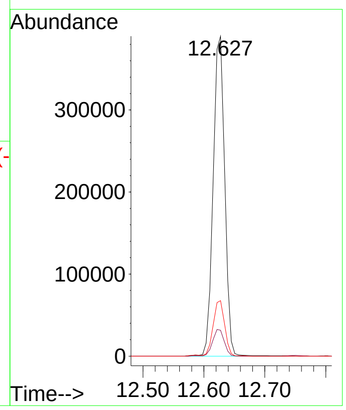
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

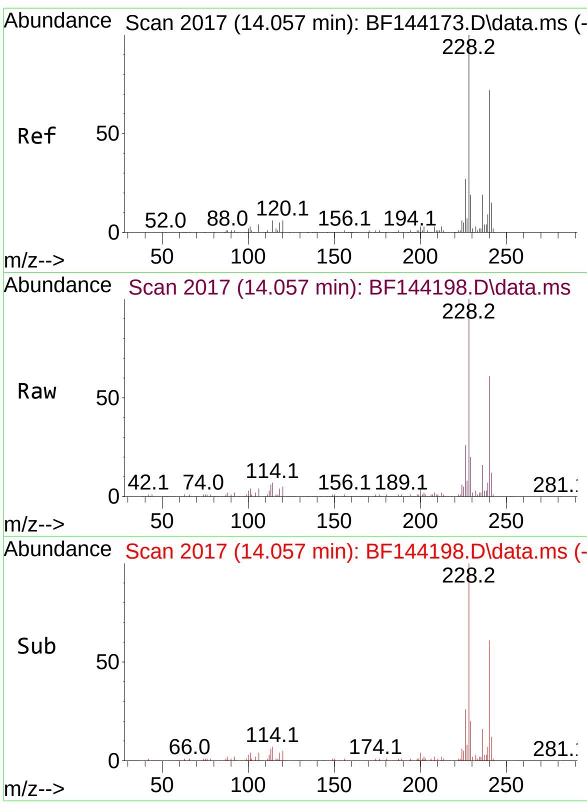


#75
Fluoranthene
Concen: 39.444 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:202 Resp: 514488

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	27.9
203	17.3	0.0	37.5

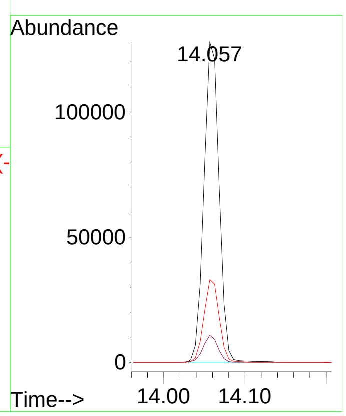




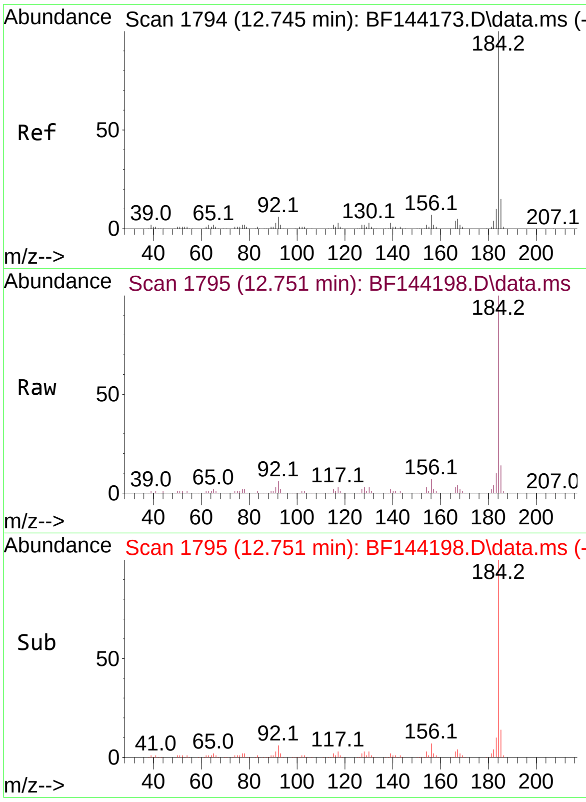
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:240 Resp: 166330

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.6	10.0
236	25.8	21.4	32.2



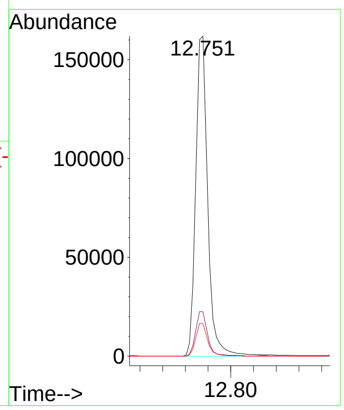
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

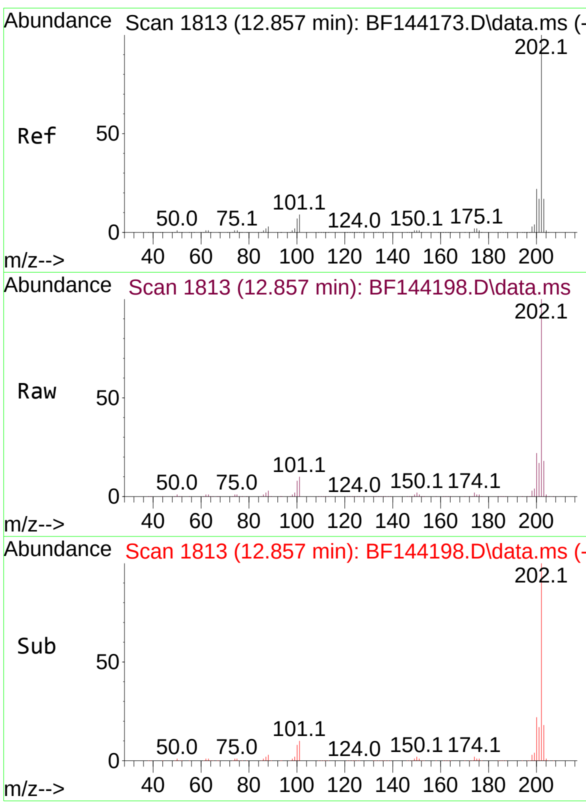


#77
Benzidine
Concen: 48.342 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:184 Resp: 237841

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.7	17.5
183	10.2	8.3	12.5

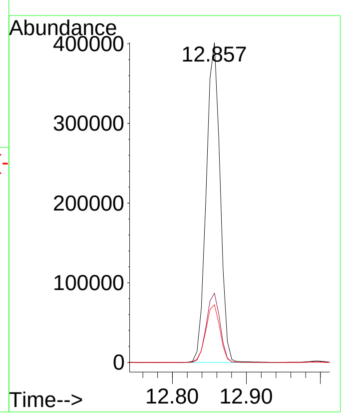




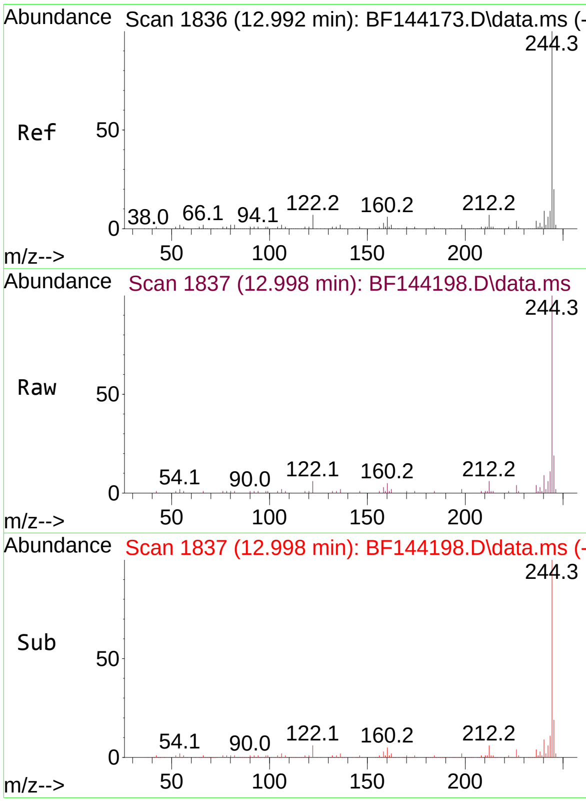
#78
Pyrene
Concen: 38.850 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

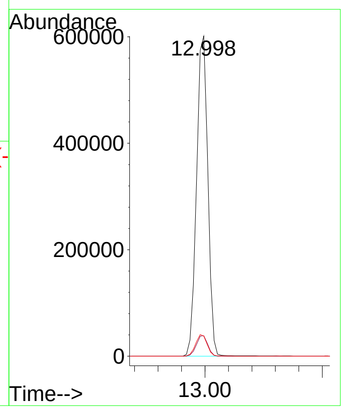
Tgt Ion:202 Resp: 521018

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	18.0	13.7	20.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

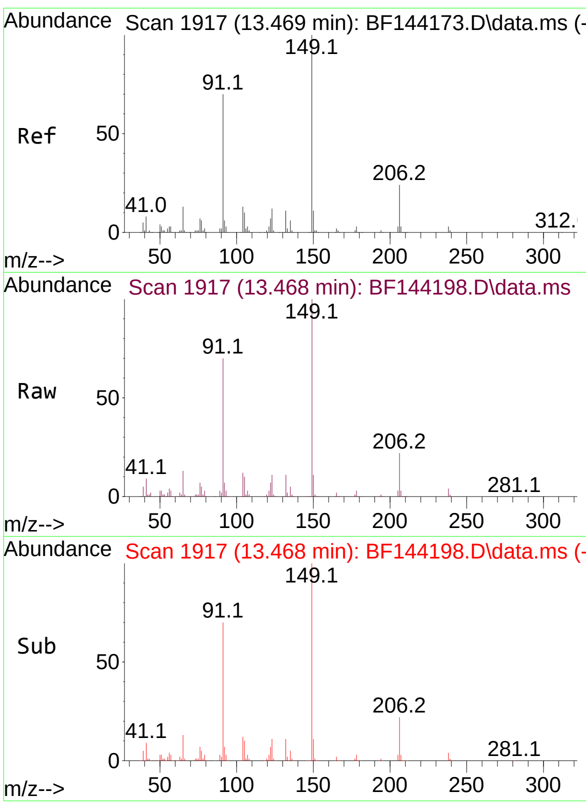


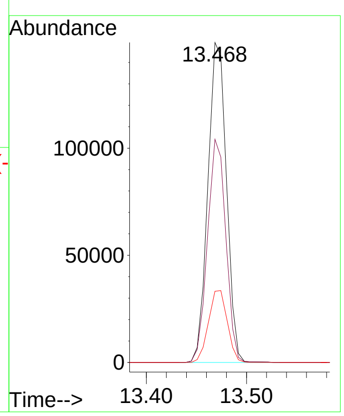


#79
Terphenyl-d14
Concen: 76.672 ng
RT: 12.998 min Scan# 18
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:244 Resp: 802870

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.3	7.9
122	6.3	5.6	8.4



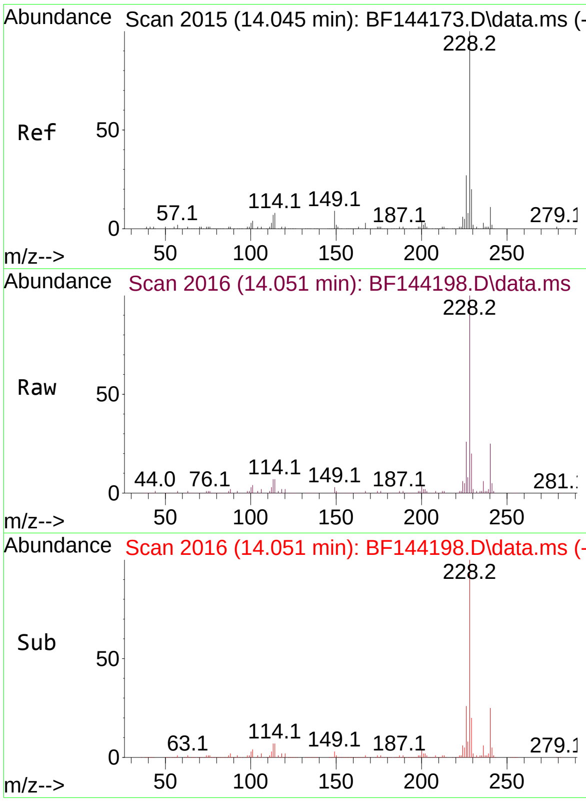


#80
Butylbenzylphthalate
Concen: 41.360 ng
RT: 13.468 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:149 Resp: 192248

Ion	Ratio	Lower	Upper
149	100		
91	69.7	56.1	84.1
206	22.2	18.8	28.2

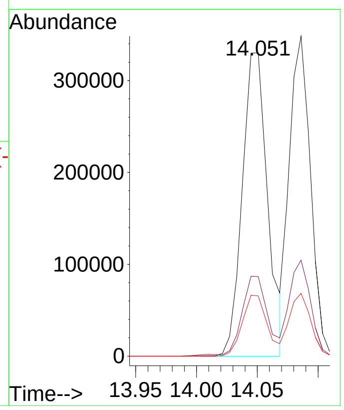
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

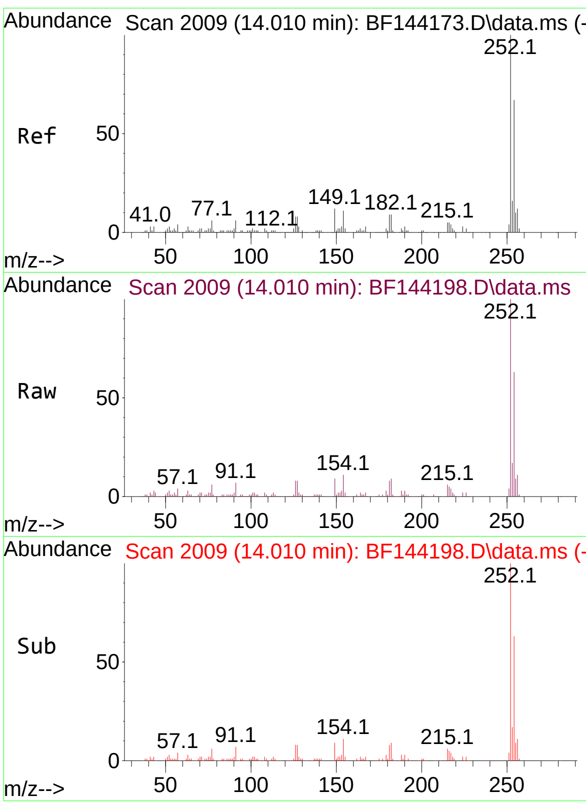


#81
Benzo(a)anthracene
Concen: 41.453 ng
RT: 14.051 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:228 Resp: 477865

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.8	32.8
229	19.9	15.8	23.6

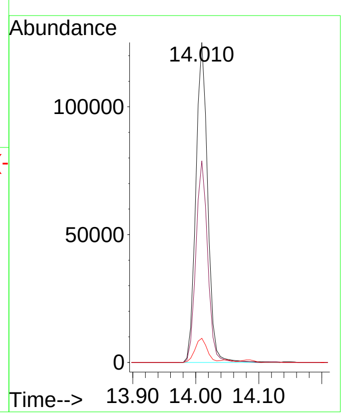




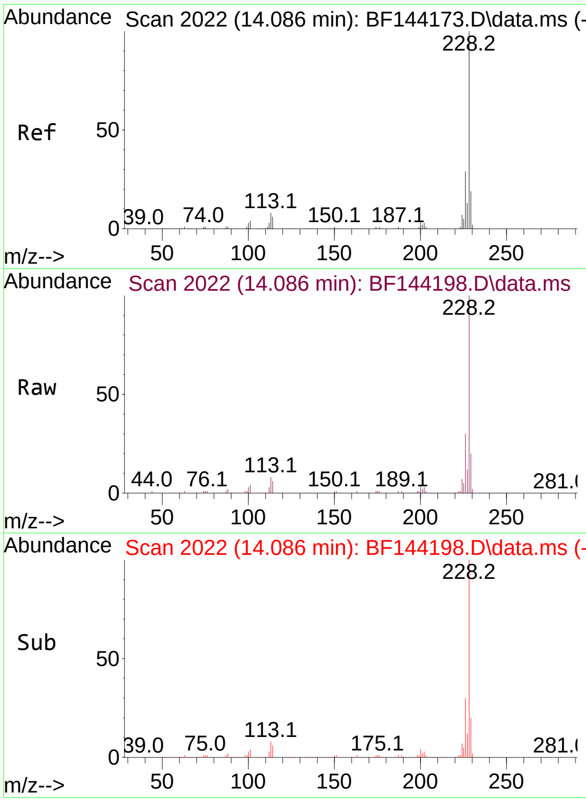
#82
3,3'-Dichlorobenzidine
Concen: 41.532 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:252 Resp: 164112

Ion	Ratio	Lower	Upper
252	100		
254	63.0	53.5	80.3
126	7.5	6.4	9.6



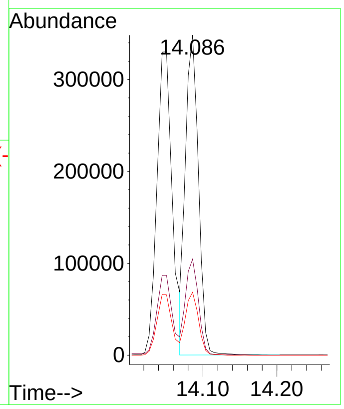
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

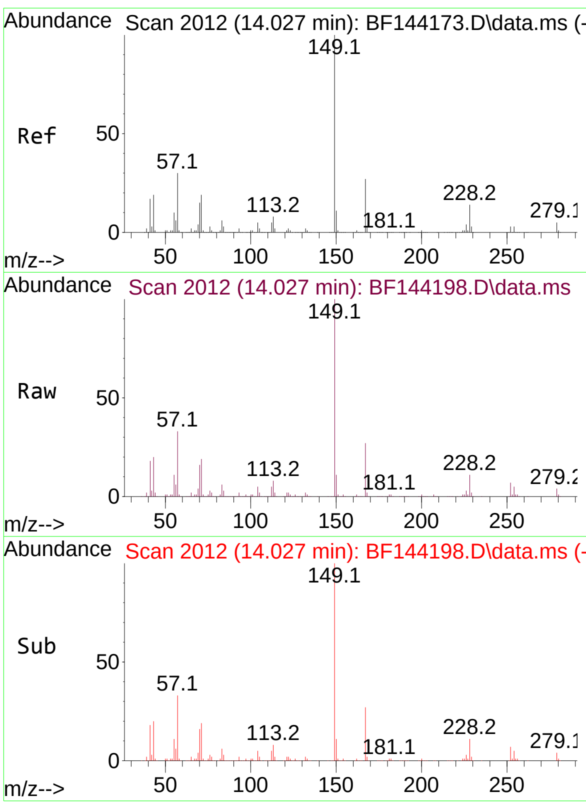


#83
Chrysene
Concen: 40.013 ng
RT: 14.086 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:228 Resp: 425808

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.9	34.3
229	19.6	15.0	22.6

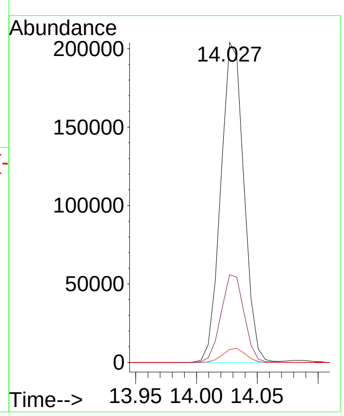




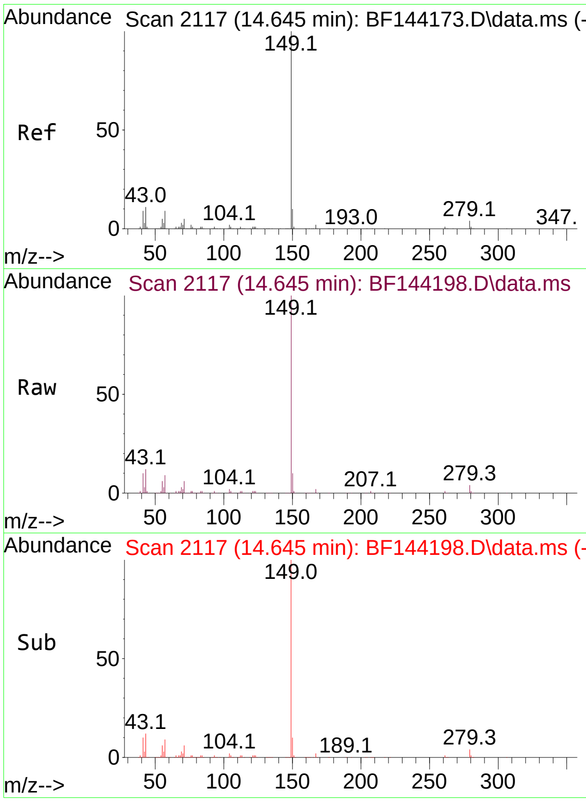
#84
Bis(2-ethylhexyl)phthalate
Concen: 42.374 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:149 Resp: 269627

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	4.0	3.7	5.5



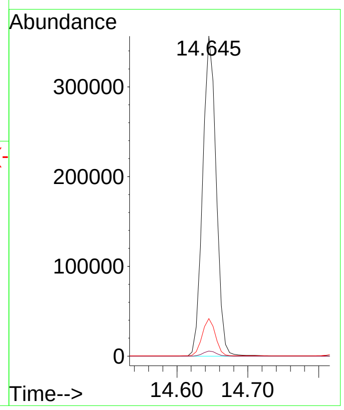
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

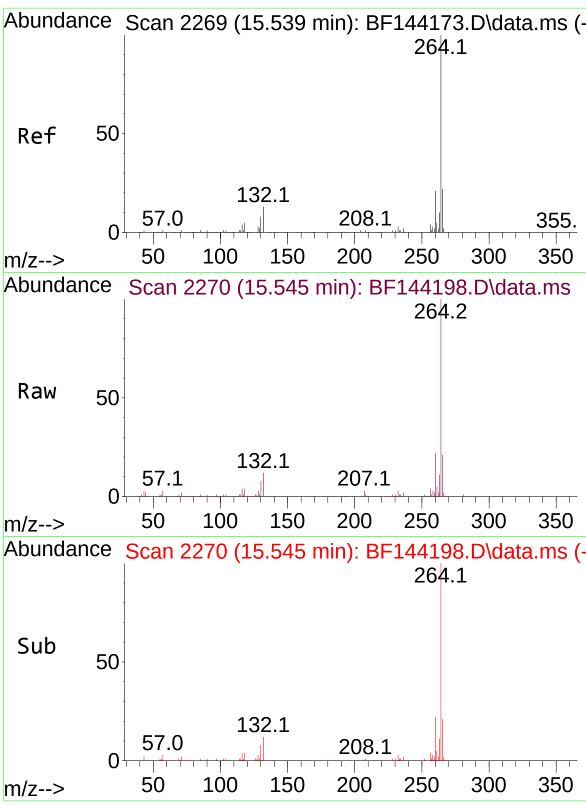


#85
Di-n-octyl phthalate
Concen: 42.880 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:149 Resp: 470752

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.5	9.0	13.4

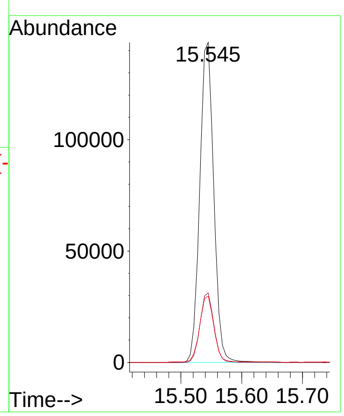




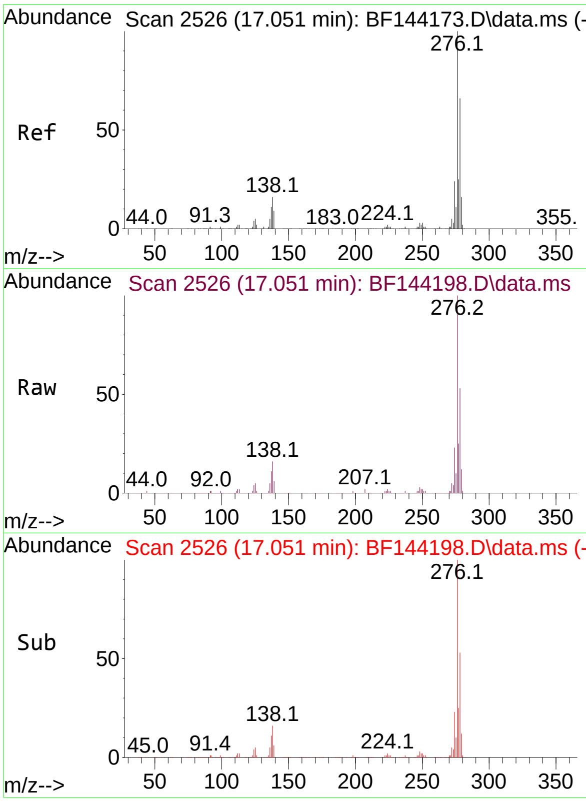
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:264 Resp: 229506

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.1	25.7
265	20.7	17.4	26.0



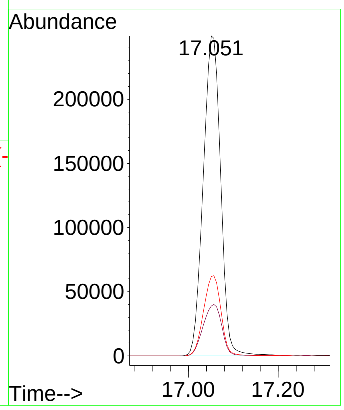
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

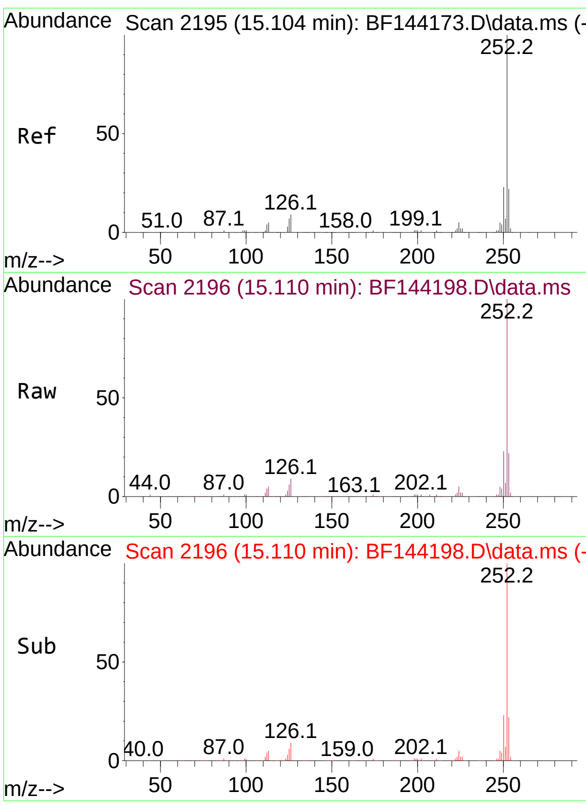


#87
Indeno(1,2,3-cd)pyrene
Concen: 40.789 ng
RT: 17.051 min Scan# 2!
Delta R.T. 0.017 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:276 Resp: 671993

Ion	Ratio	Lower	Upper
276	100		
138	17.3	13.9	20.9
277	25.1	19.8	29.6

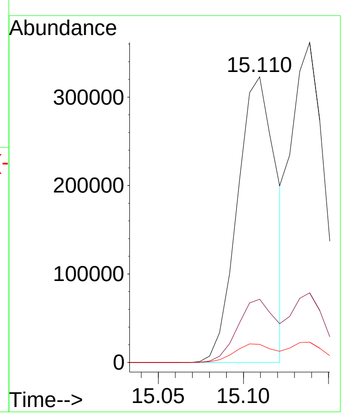




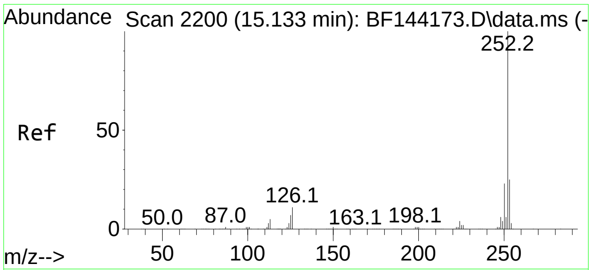
#88
Benzo(b)fluoranthene
Concen: 38.808 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

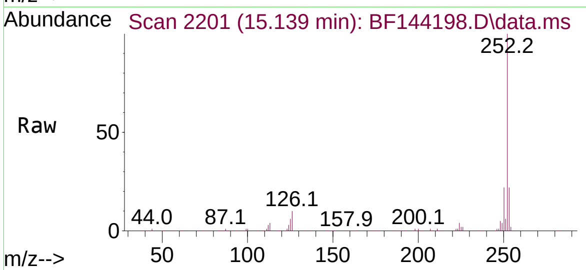
Tgt Ion:252 Resp: 506360

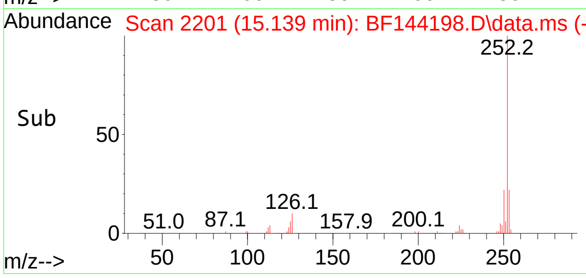
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	6.3	5.3	7.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



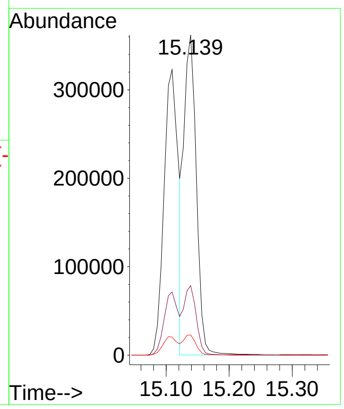


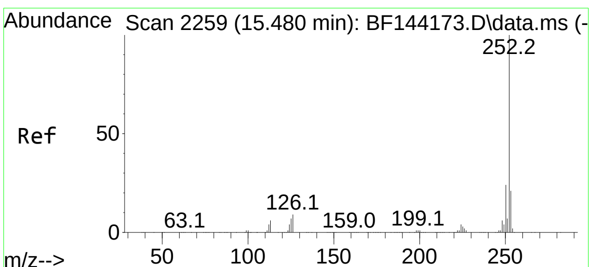


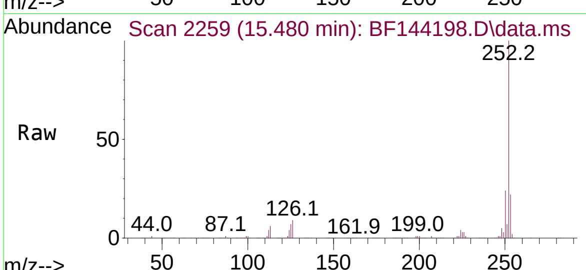
#89
Benzo(k)fluoranthene
Concen: 40.975 ng
RT: 15.139 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

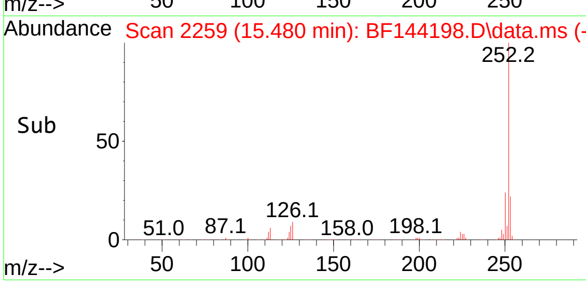
Tgt Ion:252 Resp: 500421

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	6.3	5.4	8.2





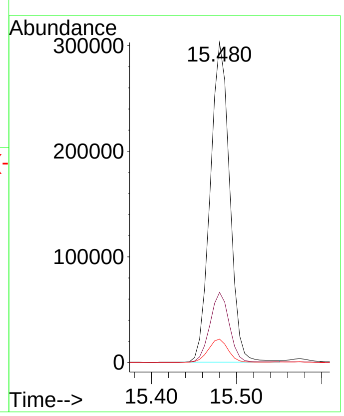




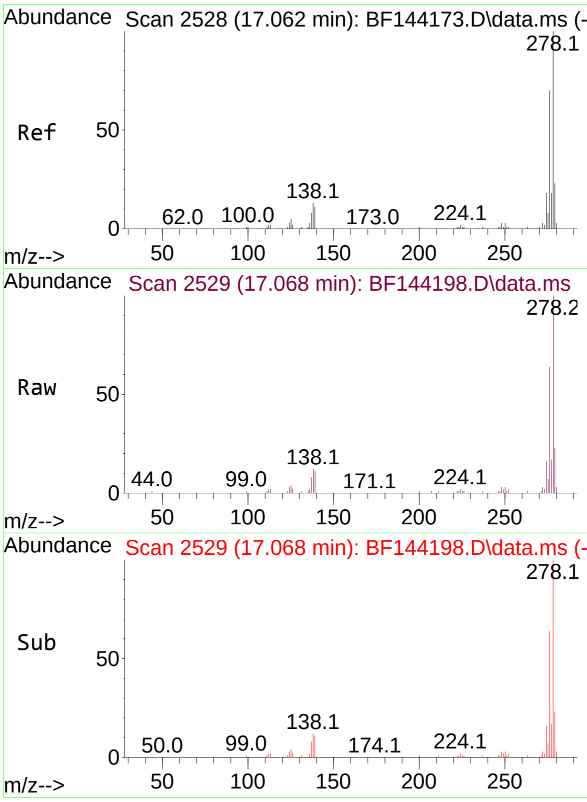
#90
Benzo(a)pyrene
Concen: 40.039 ng
RT: 15.480 min Scan# 2259
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:252 Resp: 481954

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.7	25.1
125	7.3	5.7	8.5



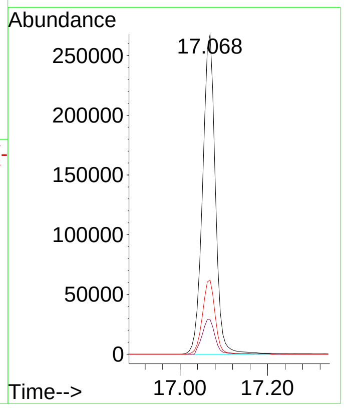
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

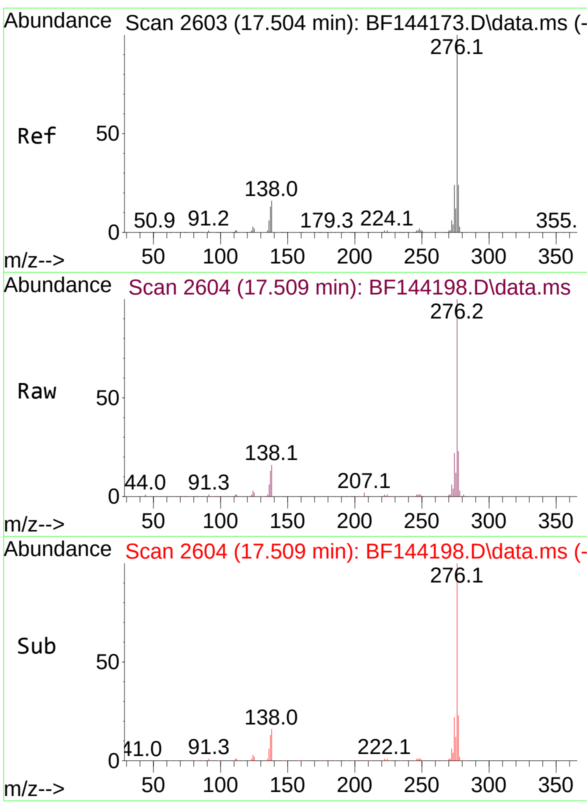


#91
Dibenzo(a,h)anthracene
Concen: 40.830 ng
RT: 17.068 min Scan# 2
Delta R.T. 0.017 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:278 Resp: 540222

Ion	Ratio	Lower	Upper
278	100		
139	10.8	9.1	13.7
279	23.2	18.2	27.4

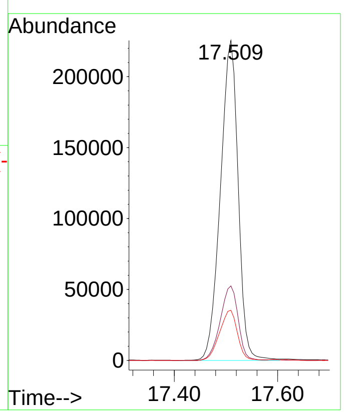




#92
Benzo(g,h,i)perylene
Concen: 41.261 ng
RT: 17.509 min Scan# 2604
Delta R.T. 0.017 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:276 Resp: 539108

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	15.7	12.9	19.3



Sample Results: **BF144198.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144198.D
Acq On : 11 Nov 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 11 10:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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	105	0.00
2		1,4-Dioxane	0.528	0.547	-3.6	104	-0.01
3		Pyridine	1.474	1.565	-6.2	108	-0.03
4		n-Nitrosodimethylamine	0.770	0.829	-7.7	112	-0.02
5	S	2-Fluorophenol	1.278	1.343	-5.1	107	0.00
6		Aniline	2.063	2.143	-3.9	109	0.00
7	S	Phenol-d6	1.448	1.461	-0.9	105	0.01
8		2-Chlorophenol	1.253	1.308	-4.4	107	0.00
9		Benzaldehyde	0.818	1.141	-39.5#	147	0.00
10	C	Phenol	1.769	1.799	-1.7	102	0.01
11		bis(2-Chloroethyl)ether	1.289	1.325	-2.8	106	0.00
12		1,3-Dichlorobenzene	1.547	1.567	-1.3	107	0.00
13	C	1,4-Dichlorobenzene	1.549	1.545	0.3	102	0.00
14		1,2-Dichlorobenzene	1.485	1.523	-2.6	108	0.00
15		Benzyl Alcohol	1.147	1.185	-3.3	107	0.00
16		2,2'-oxybis(1-Chloropropane	2.374	2.513	-5.9	109	0.00
17		2-Methylphenol	0.997	1.026	-2.9	104	0.00
18		Hexachloroethane	0.515	0.537	-4.3	106	0.00
19	P	n-Nitroso-di-n-propylamine	0.953	0.933	2.1	103	0.01
20		3+4-Methylphenols	1.175	1.170	0.4	101	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	103	0.00
22		Acetophenone	0.429	0.431	-0.5	103	0.00
23	S	Nitrobenzene-d5	0.346	0.361	-4.3	104	0.00
24		Nitrobenzene	0.376	0.395	-5.1	105	0.00
25		Isophorone	0.655	0.684	-4.4	105	0.01
26	C	2-Nitrophenol	0.186	0.194	-4.3	102	0.00
27		2,4-Dimethylphenol	0.279	0.291	-4.3	101	0.00
28		bis(2-Chloroethoxy)methane	0.409	0.435	-6.4	106	0.00
29	C	2,4-Dichlorophenol	0.322	0.330	-2.5	103	0.00
30		1,2,4-Trichlorobenzene	0.330	0.336	-1.8	103	0.00
31		Naphthalene	0.951	0.984	-3.5	105	0.00
32		Benzoic acid	0.204	0.186	8.8	107	-0.03
33		4-Chloroaniline	0.347	0.357	-2.9	102	0.00
34	C	Hexachlorobutadiene	0.249	0.256	-2.8	102	0.00
35		Caprolactam	0.088	0.087	1.1	97	-0.02
36	C	4-Chloro-3-methylphenol	0.288	0.299	-3.8	104	0.00
37		2-Methylnaphthalene	0.636	0.648	-1.9	104	0.00
38		1-Methylnaphthalene	0.614	0.622	-1.3	104	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	101	0.00
40		1,2,4,5-Tetrachlorobenzene	0.655	0.671	-2.4	101	0.00
41	P	Hexachlorocyclopentadiene	0.195	0.194	0.5	98	0.00
42	S	2,4,6-Tribromophenol	0.251	0.243	3.2	93	0.00
43	C	2,4,6-Trichlorophenol	0.446	0.456	-2.2	101	0.00
44		2,4,5-Trichlorophenol	0.481	0.474	1.5	98	0.00
45	S	2-Fluorobiphenyl	1.354	1.339	1.1	101	0.00
46		1,1'-Biphenyl	1.396	1.427	-2.2	103	0.00
47		2-Chloronaphthalene	1.191	1.218	-2.3	103	0.00

Sample Results: **BF144198.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144198.D
Acq On : 11 Nov 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 11 10:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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	0.344	0.376	-9.3	105	0.00
49	Acenaphthylene	1.623	1.647	-1.5	101	0.00
50	Dimethylphthalate	1.325	1.353	-2.1	102	0.00
51	2,6-Dinitrotoluene	0.268	0.287	-7.1	106	0.00
52 C	Acenaphthene	1.085	1.099	-1.3	102	0.00
53	3-Nitroaniline	0.293	0.295	-0.7	95	0.00
54 P	2,4-Dinitrophenol	0.162	0.138	14.8	100	0.00
55	Dibenzofuran	1.520	1.519	0.1	99	0.00
56 P	4-Nitrophenol	0.212	0.184	13.2	92	0.00
57	2,4-Dinitrotoluene	0.359	0.366	-1.9	96	0.00
58	Fluorene	1.156	1.167	-1.0	100	0.00
59	2,3,4,6-Tetrachlorophenol	0.340	0.347	-2.1	98	0.00
60	Diethylphthalate	1.221	1.241	-1.6	100	0.00
61	4-Chlorophenyl-phenylether	0.658	0.656	0.3	97	0.00
62	4-Nitroaniline	0.279	0.287	-2.9	101	0.01
63	Azobenzene	1.137	1.178	-3.6	103	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	99	0.00
65	4,6-Dinitro-2-methylphenol	0.136	0.126	7.4	95	0.00
66 c	n-Nitrosodiphenylamine	0.643	0.657	-2.2	100	0.00
67	4-Bromophenyl-phenylether	0.255	0.262	-2.7	98	0.00
68	Hexachlorobenzene	0.301	0.309	-2.7	102	0.00
69	Atrazine	0.205	0.205	0.0	98	0.00
70 C	Pentachlorophenol	0.150	0.138	8.0	87	0.00
71	Phenanthrene	0.996	0.987	0.9	96	0.00
72	Anthracene	1.013	1.019	-0.6	98	0.00
73	Carbazole	0.861	0.852	1.0	96	0.00
74	Di-n-butylphthalate	1.041	1.049	-0.8	97	0.00
75 C	Fluoranthene	1.029	1.014	1.5	95	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77	Benzidine	0.592	0.715	-20.8	117	0.00
78	Pyrene	1.613	1.566	2.9	94	0.00
79 S	Terphenyl-d14	1.259	1.207	4.1	94	0.00
80	Butylbenzylphthalate	0.559	0.578	-3.4	100	0.00
81	Benzo(a)anthracene	1.386	1.436	-3.6	103	0.00
82	3,3'-Dichlorobenzidine	0.475	0.493	-3.8	105	0.00
83	Chrysene	1.280	1.280	0.0	93	0.00
84	Bis(2-ethylhexyl)phthalate	0.765	0.811	-6.0	102	0.00
85 c	Di-n-octyl phthalate	1.320	1.415	-7.2	103	0.00
86 I	Perylene-d12	1.000	1.000	0.0	110	0.00
87	Indeno(1,2,3-cd)pyrene	1.436	1.464	-1.9	108	0.02
88	Benzo(b)fluoranthene	1.137	1.103	3.0	98	0.01
89	Benzo(k)fluoranthene	1.064	1.090	-2.4	115	0.01
90 C	Benzo(a)pyrene	1.049	1.050	-0.1	107	0.00
91	Dibenzo(a,h)anthracene	1.153	1.177	-2.1	108	0.02
92	Benzo(g,h,i)perylene	1.139	1.174	-3.1	108	0.02

Sample Results: **BF144198.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144198.D
Acq On : 11 Nov 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 11 10:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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: **BF144198.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144198.D
Acq On : 11 Nov 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 11 10:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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	105	0.00
2		1,4-Dioxane	40.000	41.378	-3.4	104	-0.01
3		Pyridine	40.000	42.468	-6.2	108	-0.03
4		n-Nitrosodimethylamine	40.000	43.052	-7.6	112	-0.02
5	S	2-Fluorophenol	80.000	84.046	-5.1	107	0.00
6		Aniline	40.000	41.543	-3.9	109	0.00
7	S	Phenol-d6	80.000	80.684	-0.9	105	0.01
8		2-Chlorophenol	40.000	41.735	-4.3	107	0.00
9		Benzaldehyde	40.000	55.800	-39.5#	147	0.00
10	C	Phenol	40.000	40.667	-1.7	102	0.01
11		bis(2-Chloroethyl)ether	40.000	41.106	-2.8	106	0.00
12		1,3-Dichlorobenzene	40.000	40.533	-1.3	107	0.00
13	C	1,4-Dichlorobenzene	40.000	39.886	0.3	102	0.00
14		1,2-Dichlorobenzene	40.000	41.020	-2.6	108	0.00
15		Benzyl Alcohol	40.000	41.349	-3.4	107	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	42.344	-5.9	109	0.00
17		2-Methylphenol	40.000	41.157	-2.9	104	0.00
18		Hexachloroethane	40.000	41.708	-4.3	106	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.141	2.1	103	0.01
20		3+4-Methylphenols	40.000	39.818	0.5	101	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	103	0.00
22		Acetophenone	40.000	40.223	-0.6	103	0.00
23	S	Nitrobenzene-d5	80.000	83.437	-4.3	104	0.00
24		Nitrobenzene	40.000	42.027	-5.1	105	0.00
25		Isophorone	40.000	41.779	-4.4	105	0.01
26	C	2-Nitrophenol	40.000	41.654	-4.1	102	0.00
27		2,4-Dimethylphenol	40.000	41.789	-4.5	101	0.00
28		bis(2-Chloroethoxy)methane	40.000	42.530	-6.3	106	0.00
29	C	2,4-Dichlorophenol	40.000	41.056	-2.6	103	0.00
30		1,2,4-Trichlorobenzene	40.000	40.694	-1.7	103	0.00
31		Naphthalene	40.000	41.391	-3.5	105	0.00
32		Benzoic acid	40.000	36.357	9.1	107	-0.03
33		4-Chloroaniline	40.000	41.158	-2.9	102	0.00
34	C	Hexachlorobutadiene	40.000	41.097	-2.7	102	0.00
35		Caprolactam	40.000	39.364	1.6	97	-0.02
36	C	4-Chloro-3-methylphenol	40.000	41.481	-3.7	104	0.00
37		2-Methylnaphthalene	40.000	40.740	-1.9	104	0.00
38		1-Methylnaphthalene	40.000	40.539	-1.3	104	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	101	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.967	-2.4	101	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.027	2.4	98	0.00
42	S	2,4,6-Tribromophenol	80.000	77.364	3.3	93	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.885	-2.2	101	0.00
44		2,4,5-Trichlorophenol	40.000	39.469	1.3	98	0.00
45	S	2-Fluorobiphenyl	80.000	79.108	1.1	101	0.00
46		1,1'-Biphenyl	40.000	40.895	-2.2	103	0.00
47		2-Chloronaphthalene	40.000	40.928	-2.3	103	0.00

Sample Results: **BF144198.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144198.D
Acq On : 11 Nov 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 11 10:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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	43.722	-9.3	105	0.00
49	Acenaphthylene	40.000	40.591	-1.5	101	0.00
50	Dimethylphthalate	40.000	40.861	-2.2	102	0.00
51	2,6-Dinitrotoluene	40.000	42.865	-7.2	106	0.00
52 C	Acenaphthene	40.000	40.511	-1.3	102	0.00
53	3-Nitroaniline	40.000	40.190	-0.5	95	0.00
54 P	2,4-Dinitrophenol	40.000	34.075	14.8	100	0.00
55	Dibenzofuran	40.000	39.968	0.1	99	0.00
56 P	4-Nitrophenol	40.000	34.763	13.1	92	0.00
57	2,4-Dinitrotoluene	40.000	40.748	-1.9	96	0.00
58	Fluorene	40.000	40.383	-1.0	100	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.773	-1.9	98	0.00
60	Diethylphthalate	40.000	40.626	-1.6	100	0.00
61	4-Chlorophenyl-phenylether	40.000	39.846	0.4	97	0.00
62	4-Nitroaniline	40.000	41.136	-2.8	101	0.01
63	Azobenzene	40.000	41.456	-3.6	103	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	99	0.00
65	4,6-Dinitro-2-methylphenol	40.000	37.036	7.4	95	0.00
66 c	n-Nitrosodiphenylamine	40.000	40.851	-2.1	100	0.00
67	4-Bromophenyl-phenylether	40.000	41.051	-2.6	98	0.00
68	Hexachlorobenzene	40.000	41.159	-2.9	102	0.00
69	Atrazine	40.000	40.143	-0.4	98	0.00
70 C	Pentachlorophenol	40.000	36.877	7.8	87	0.00
71	Phenanthrene	40.000	39.635	0.9	96	0.00
72	Anthracene	40.000	40.246	-0.6	98	0.00
73	Carbazole	40.000	39.597	1.0	96	0.00
74	Di-n-butylphthalate	40.000	40.329	-0.8	97	0.00
75 C	Fluoranthene	40.000	39.444	1.4	95	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77	Benzidine	40.000	48.342	-20.9	117	0.00
78	Pyrene	40.000	38.850	2.9	94	0.00
79 S	Terphenyl-d14	80.000	76.672	4.2	94	0.00
80	Butylbenzylphthalate	40.000	41.360	-3.4	100	0.00
81	Benzo(a)anthracene	40.000	41.453	-3.6	103	0.00
82	3,3'-Dichlorobenzidine	40.000	41.532	-3.8	105	0.00
83	Chrysene	40.000	40.013	-0.0	93	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	42.374	-5.9	102	0.00
85 c	Di-n-octyl phthalate	40.000	42.880	-7.2	103	0.00
86 I	Perylene-d12	20.000	20.000	0.0	110	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	40.789	-2.0	108	0.02
88	Benzo(b)fluoranthene	40.000	38.808	3.0	98	0.01
89	Benzo(k)fluoranthene	40.000	40.975	-2.4	115	0.01
90 C	Benzo(a)pyrene	40.000	40.039	-0.1	107	0.00
91	Dibenzo(a,h)anthracene	40.000	40.830	-2.1	108	0.02
92	Benzo(g,h,i)perylene	40.000	41.261	-3.2	108	0.02

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144198.D
Acq On    : 11 Nov 2025  10:09
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Nov 11 10:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration
```

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

```
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
```

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Instrument ID: BNA_P Calibration Date/Time: 11/11/2025 14:44

Lab File ID: BP026090.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.212	1.264		4.3	
Benzaldehyde	0.802	0.731		-8.9	
Phenol-d6	1.543	1.614		4.6	
Phenol	1.713	1.746		1.9	20.0
bis(2-Chloroethyl)ether	1.352	1.365		1.0	
2-Chlorophenol	1.342	1.449		8.0	
2-Methylphenol	1.121	1.171		4.5	
2,2-oxybis(1-Chloropropane)	2.043	1.910		-6.5	
Acetophenone	0.506	0.507		0.2	
3+4-Methylphenols	1.560	1.626		4.2	
n-Nitroso-di-n-propylamine	0.958	0.999	0.050	4.3	
Nitrobenzene-d5	0.321	0.350		9.0	
Hexachloroethane	0.533	0.569		6.8	
Nitrobenzene	0.339	0.359		5.9	
Isophorone	0.687	0.710		3.3	
2-Nitrophenol	0.104	0.185		77.9	20.0
2,4-Dimethylphenol	0.289	0.300		3.8	
bis(2-Chloroethoxy)methane	0.433	0.445		2.8	
2,4-Dichlorophenol	0.305	0.340		11.5	20.0
Naphthalene	1.091	1.100		0.8	
4-Chloroaniline	0.419	0.430		2.6	
Hexachlorobutadiene	0.211	0.223		5.7	20.0
Caprolactam	0.107	0.117		9.3	
4-Chloro-3-methylphenol	0.320	0.353		10.3	20.0
2-Methylnaphthalene	0.763	0.781		2.4	
Hexachlorocyclopentadiene	0.227	0.287	0.050	26.4	
2,4,6-Trichlorophenol	0.367	0.434		18.3	20.0
2-Fluorobiphenyl	1.392	1.380		-0.9	
2,4,5-Trichlorophenol	0.419	0.475		13.4	
1,1-Biphenyl	1.531	1.524		-0.5	
2-Chloronaphthalene	1.205	1.209		0.3	
2-Nitroaniline	0.272	0.334		22.8	
Dimethylphthalate	1.455	1.529		5.1	
Acenaphthylene	1.756	1.763		0.4	
2,6-Dinitrotoluene	0.237	0.310		30.8	
3-Nitroaniline	0.291	0.359		23.4	
Acenaphthene	1.206	1.180		-2.2	20.0
2,4-Dinitrophenol	0.100	0.159	0.050	59.0	
4-Nitrophenol	0.290	0.317	0.050	9.3	

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: REMI02

Lab Code: ACE   SDG No.: Q3586

Instrument ID: BNA_P   Calibration Date/Time: 11/11/2025 14:44

Lab File ID: BP026090.D   Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040   Init. Calib. Time(s): 09:26 14:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.822	1.817		-0.3	
2,4-Dinitrotoluene	0.347	0.459		32.3	
Diethylphthalate	1.463	1.536		5.0	
4-Chlorophenyl-phenylether	0.713	0.734		2.9	
Fluorene	1.427	1.432		0.3	
4-Nitroaniline	0.311	0.370		19.0	
4,6-Dinitro-2-methylphenol	0.077	0.116		50.6	
n-Nitrosodiphenylamine	0.625	0.623		-0.3	20.0
2,4,6-Tribromophenol	0.216	0.265		22.7	
4-Bromophenyl-phenylether	0.222	0.233		5.0	
Hexachlorobenzene	0.253	0.264		4.3	
Atrazine	0.211	0.223		5.7	
Pentachlorophenol	0.154	0.182		18.2	20.0
Phenanthrene	1.164	1.133		-2.7	
Anthracene	1.154	1.149		-0.4	
Carbazole	1.092	1.094		0.2	
Di-n-butylphthalate	1.222	1.365		11.7	
Fluoranthene	1.358	1.371		1.0	20.0
Pyrene	1.353	1.374		1.6	
Terphenyl-d14	0.984	0.992		0.8	
Butylbenzylphthalate	0.432	0.610		41.2	
3,3-Dichlorobenzidine	0.443	0.491		10.8	
Benzo(a)anthracene	1.374	1.392		1.3	
Chrysene	1.302	1.303		0.1	
Bis(2-ethylhexyl)phthalate	0.718	0.915		27.4	
Di-n-octyl phthalate	1.191	1.622		36.2	20.0
Benzo(b)fluoranthene	1.242	1.261		1.5	
Benzo(k)fluoranthene	1.268	1.232		-2.8	
Benzo(a)pyrene	1.141	1.172		2.7	20.0
Indeno(1,2,3-cd)pyrene	1.476	1.518		2.8	
Dibenzo(a,h)anthracene	1.202	1.234		2.7	
Benzo(g,h,i)perylene	1.156	1.176		1.7	
1,2,4,5-Tetrachlorobenzene	0.621	0.638		2.7	
1,4-Dioxane	0.511	0.508		-0.6	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.408		23.6	

All other compounds must meet a minimum RRF of 0.010.

Quantitation Report   (QT Reviewed)

Sample Results: **BP026090.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026090.D
Acq On   : 11 Nov 2025 14:44
Operator : RC/JU
Sample   : SSTDCCC040
Misc   :
ALS Vial : 2   Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli   11/12/2025
Supervised By :Jagrut Upadhyay   11/12/2025

Quant Time: Nov 11 15:19:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.678	152	341127	20.000 ng	-0.01
21) Naphthalene-d8	10.449	136	1393557	20.000 ng	0.00
39) Acenaphthene-d10	14.319	164	901803	20.000 ng	0.00
64) Phenanthrene-d10	17.131	188	1845193	20.000 ng	0.00
76) Chrysene-d12	21.589	240	1927464	20.000 ng	0.02
86) Perylene-d12	24.924	264	2191179	20.000 ng	0.04
System Monitoring Compounds					
5) 2-Fluorophenol	5.296	112	1724375	83.411 ng	0.00
7) Phenol-d6	6.855	99	2202873	83.718 ng	0.00
23) Nitrobenzene-d5	8.813	82	1952591	87.348 ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	957102	98.171 ng	0.00
45) 2-Fluorobiphenyl	12.931	172	4978842	79.332 ng	0.00
79) Terphenyl-d14	19.878	244	7647261	80.608 ng	0.01
Target Compounds					Qvalue
2) 1,4-Dioxane	3.237	88	346756	39.788 ng	97
3) Pyridine	3.625	79	990061	39.962 ng	97
4) n-Nitrosodimethylamine	3.537	42	367346	36.995 ng	89
6) Aniline	7.008	93	1408424	40.106 ng	99
8) 2-Chlorophenol	7.249	128	988337	43.173 ng	98
9) Benzaldehyde	6.825	77	498700	36.459 ng	98
10) Phenol	6.878	94	1191105	40.774 ng	99
11) bis(2-Chloroethyl)ether	7.108	93	931452	40.404 ng	99
12) 1,3-Dichlorobenzene	7.566	146	1063892	40.467 ng	99
13) 1,4-Dichlorobenzene	7.713	146	1068446	40.196 ng	98
14) 1,2-Dichlorobenzene	8.025	146	1035172	40.812 ng	99
15) Benzyl Alcohol	7.908	79	798759	42.108 ng	98
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1302774	37.391 ng	97
17) 2-Methylphenol	8.113	107	798996	41.770 ng	99
18) Hexachloroethane	8.755	117	388232	42.683 ng	97
19) n-Nitroso-di-n-propyla...	8.478	70	681559	41.727 ng	96
20) 3+4-Methylphenols	8.437	107	1109329	41.687 ng	97
22) Acetophenone	8.484	105	1413546	40.108 ng	98
24) Nitrobenzene	8.855	77	1000416	42.386 ng	100
25) Isophorone	9.390	82	1978244	41.345 ng	99
26) 2-Nitrophenol	9.566	139	516338	58.796 ng	94
27) 2,4-Dimethylphenol	9.631	122	837296	41.613 ng	98
28) bis(2-Chloroethoxy)met...	9.866	93	1240129	41.126 ng	99
29) 2,4-Dichlorophenol	10.096	162	948733	44.657 ng	99
30) 1,2,4-Trichlorobenzene	10.319	180	952499	41.249 ng	99
31) Naphthalene	10.496	128	3067065	40.360 ng	100
32) Benzoic acid	9.760	122	698320	54.588 ng	97
33) 4-Chloroaniline	10.602	127	1197576	41.010 ng	99
34) Hexachlorobutadiene	10.790	225	621227	42.335 ng	99
35) Caprolactam	11.378	113	327062	43.839 ng	# 87
36) 4-Chloro-3-methylphenol	11.731	107	984333	44.198 ng	98
37) 2-Methylnaphthalene	12.113	142	2176256	40.916 ng	99
38) 1-Methylnaphthalene	12.337	142	2126449	41.153 ng	100
40) 1,2,4,5-Tetrachloroben...	12.484	216	1151353	41.090 ng	99
41) Hexachlorocyclopentadiene	12.472	237	517533	50.481 ng	97
43) 2,4,6-Trichlorophenol	12.725	196	782317	47.235 ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026090.D
Acq On : 11 Nov 2025 14:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Quant Time: Nov 11 15:19:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.796	196	855853	45.287	ng		98
46)	1,1'-Biphenyl	13.137	154	2748920	39.810	ng		99
47)	2-Chloronaphthalene	13.172	162	2179869	40.123	ng		99
48)	2-Nitroaniline	13.372	65	601547	43.326	ng		94
49)	Acenaphthylene	14.037	152	3180477	40.165	ng		100
50)	Dimethylphthalate	13.766	163	2757852	42.043	ng		100
51)	2,6-Dinitrotoluene	13.878	165	558831	45.776	ng		97
52)	Acenaphthene	14.384	154	2127933m	39.144	ng		
53)	3-Nitroaniline	14.207	138	647221	44.027	ng	#	99
54)	2,4-Dinitrophenol	14.419	184	287441	57.180	ng		94
55)	Dibenzofuran	14.725	168	3277471	39.905	ng		99
56)	4-Nitrophenol	14.519	139	571265	43.674	ng		97
57)	2,4-Dinitrotoluene	14.684	165	828100	46.152	ng		91
58)	Fluorene	15.390	166	2582379	40.133	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.954	232	735031	49.467	ng		98
60)	Diethylphthalate	15.166	149	2770115	42.006	ng		99
61)	4-Chlorophenyl-phenyle...	15.390	204	1323676	41.194	ng		96
62)	4-Nitroaniline	15.401	138	667090	47.592	ng		93
63)	Azobenzene	15.684	77	2351715	39.349	ng		98
65)	4,6-Dinitro-2-methylph...	15.466	198	428960	54.953	ng		90
66)	n-Nitrosodiphenylamine	15.595	169	2299364	39.856	ng		99
67)	4-Bromophenyl-phenylether	16.301	248	858444	41.941	ng		97
68)	Hexachlorobenzene	16.419	284	975031	41.846	ng		97
69)	Atrazine	16.584	200	821166	42.193	ng		99
70)	Pentachlorophenol	16.766	266	670054	47.080	ng		99
71)	Phenanthrene	17.166	178	4180652	38.926	ng		100
72)	Anthracene	17.260	178	4241898	39.845	ng		100
73)	Carbazole	17.542	167	4036597	40.055	ng		99
74)	Di-n-butylphthalate	18.160	149	5037535	44.673	ng		100
75)	Fluoranthene	19.272	202	5059395	40.384	ng		98
77)	Benzidine	19.466	184	1954113	39.942	ng		99
78)	Pyrene	19.642	202	5298247	40.642	ng		99
80)	Butylbenzylphthalate	20.619	149	2350611	48.274	ng		99
81)	Benzo(a)anthracene	21.572	228	5367004	40.521	ng		100
82)	3,3'-Dichlorobenzidine	21.489	252	1893927	44.380	ng		100
83)	Chrysene	21.636	228	5023318	40.037	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.536	149	3527668	45.553	ng	#	98
85)	Di-n-octyl phthalate	22.819	149	6253410	54.501	ng		96
87)	Indeno(1,2,3-cd)pyrene	28.724	276	6652593m	41.124	ng		
88)	Benzo(b)fluoranthene	23.877	252	5526088	40.625	ng		100
89)	Benzo(k)fluoranthene	23.948	252	5396935	38.853	ng		99
90)	Benzo(a)pyrene	24.771	252	5137911	41.114	ng		99
91)	Dibenzo(a,h)anthracene	28.806	278	5406848	41.071	ng		99
92)	Benzo(g,h,i)perylene	29.877	276	5152380	40.672	ng		98

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

Quantitation Report (QT Reviewed)

Sample Results: **BP026090.D**

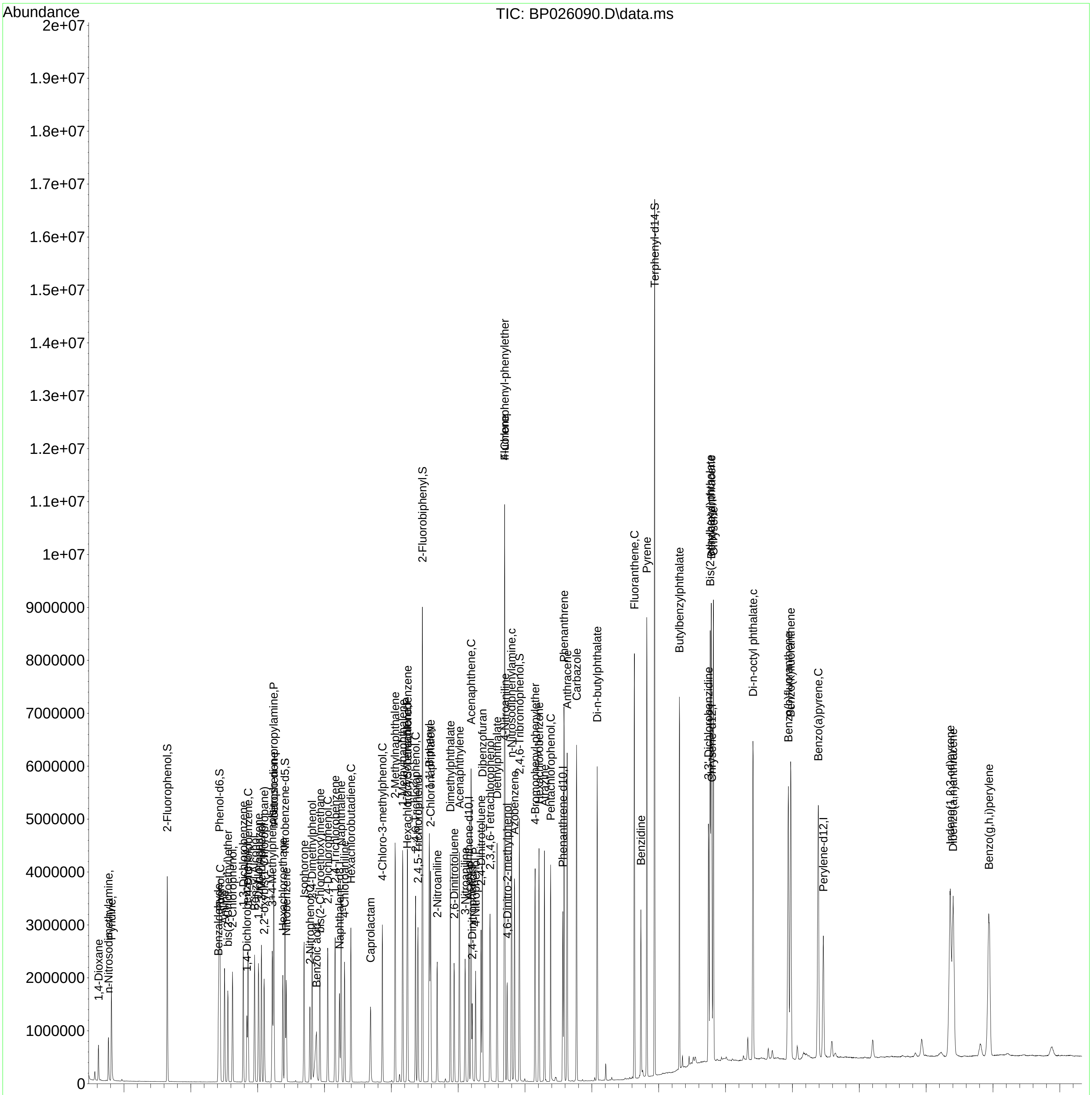
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026090.D
Acq On    : 11 Nov 2025  14:44
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Nov 11 15:19:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration
```

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

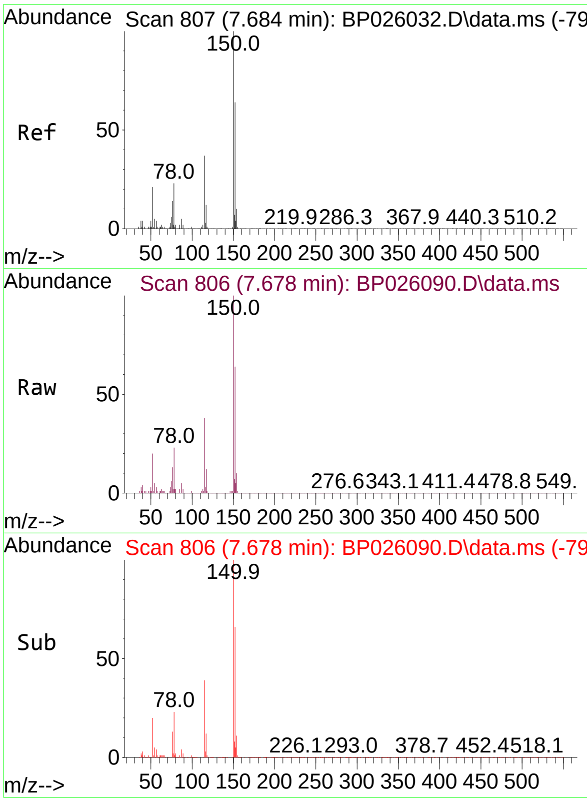
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

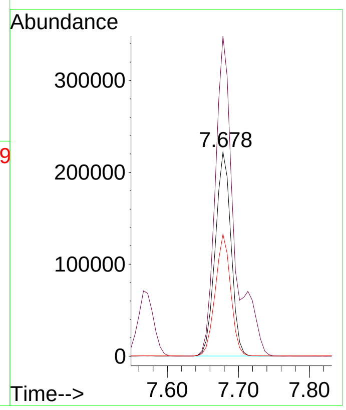
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

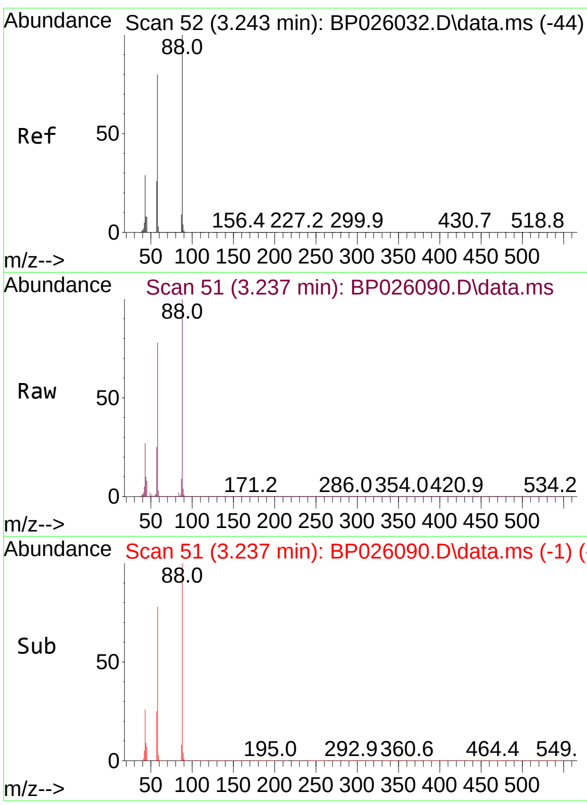


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:152 Resp: 341127

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.7	188.5
115	59.7	46.4	69.6

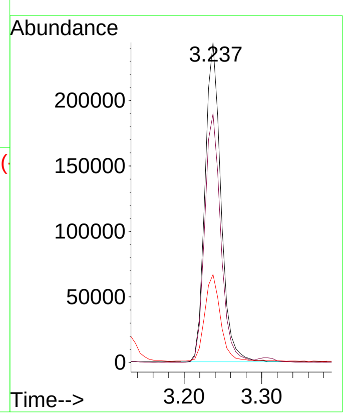


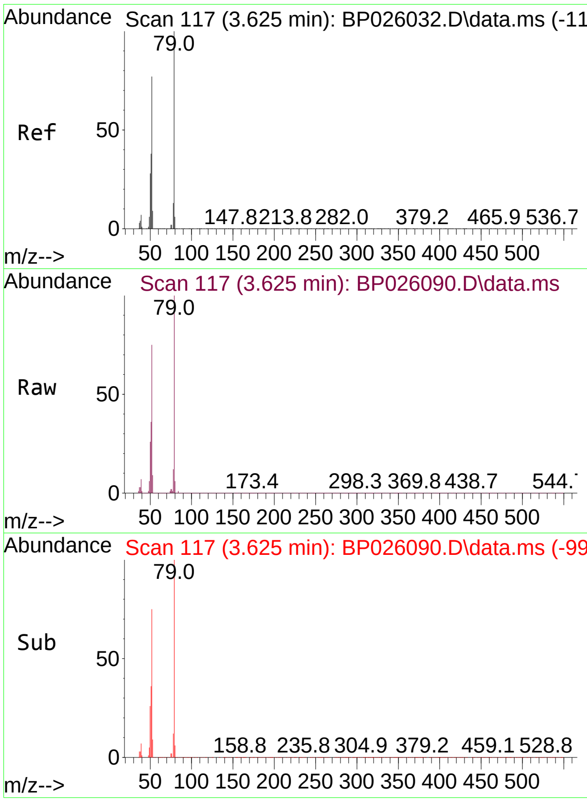


#2
1,4-Dioxane
Concen: 39.788 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion: 88 Resp: 346756

Ion	Ratio	Lower	Upper
88	100		
58	79.1	65.4	98.0
43	26.8	23.1	34.7





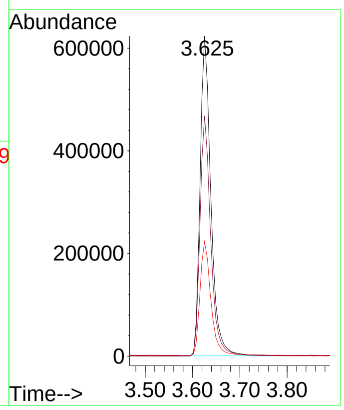
#3
Pyridine
Concen: 39.962 ng
RT: 3.625 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

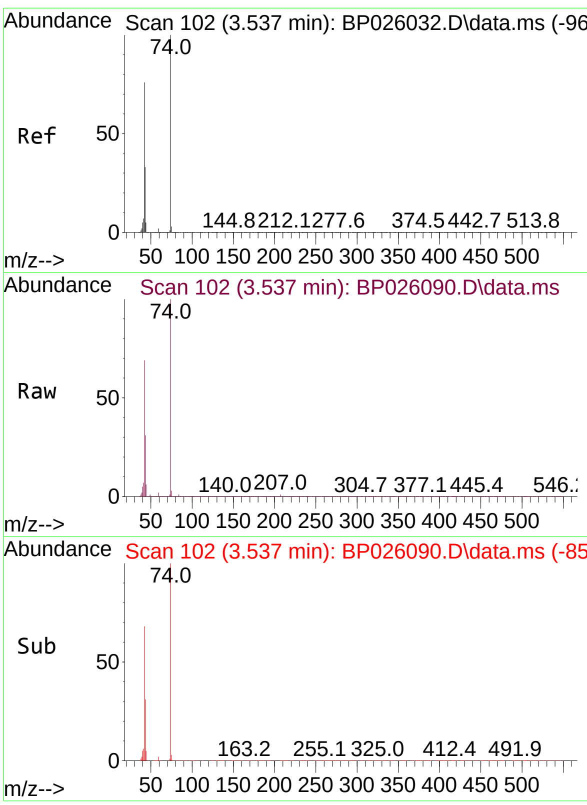
Tgt Ion: 79 Resp: 99006

Ion	Ratio	Lower	Upper
79	100		
52	75.1	62.0	93.0
51	35.8	30.6	46.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

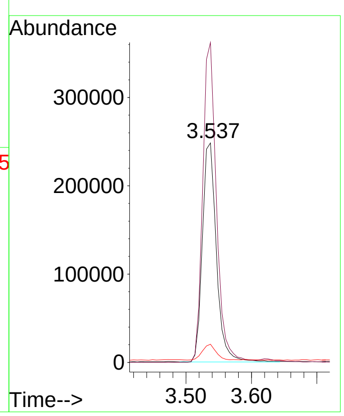


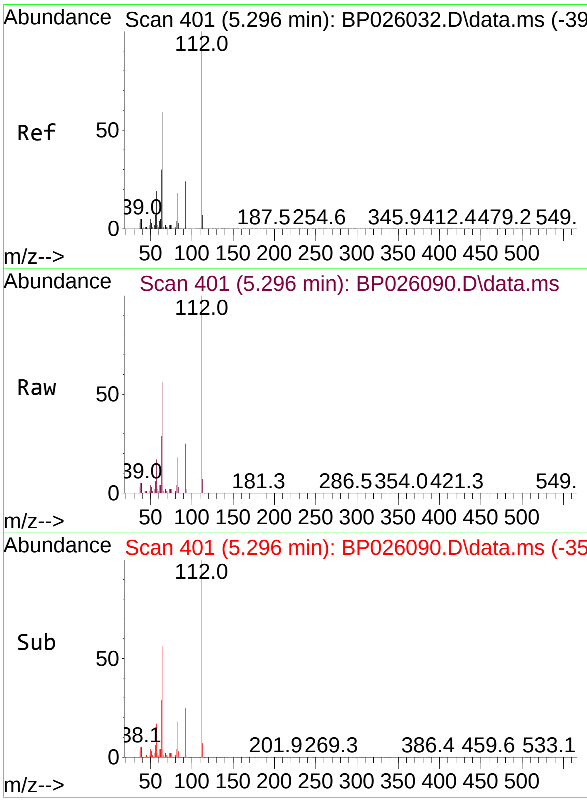


#4
n-Nitrosodimethylamine
Concen: 36.995 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion: 42 Resp: 367346

Ion	Ratio	Lower	Upper
42	100		
74	145.8	105.7	158.5
44	8.3	6.6	9.8

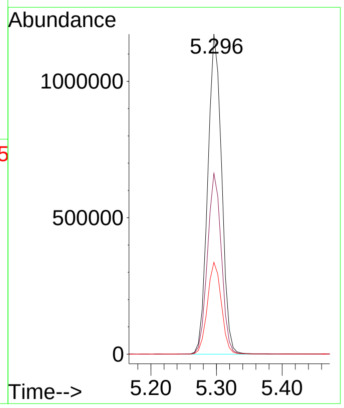




#5
2-Fluorophenol
Concen: 83.411 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:112 Resp: 1724375

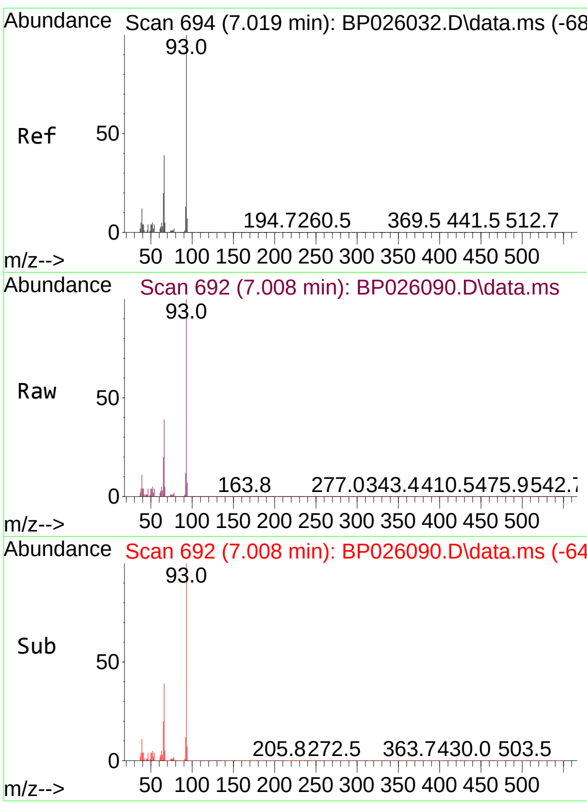
Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.4	71.2
63	28.7	24.2	36.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

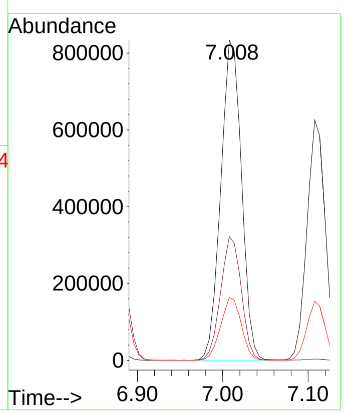
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#6
Aniline
Concen: 40.106 ng
RT: 7.008 min Scan# 692
Delta R.T. -0.011 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion: 93 Resp: 1408424

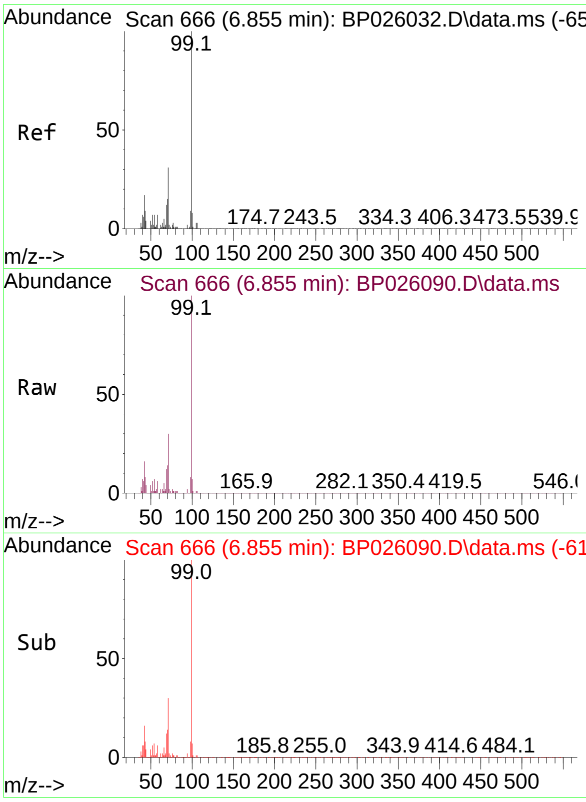
Ion	Ratio	Lower	Upper
93	100		
66	38.7	31.2	46.8
65	19.7	16.1	24.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

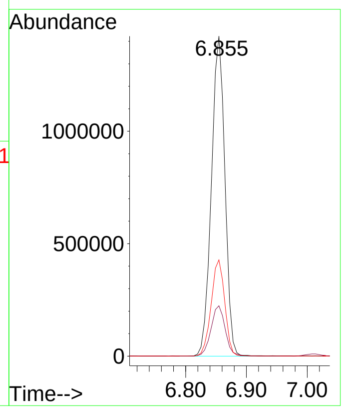
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

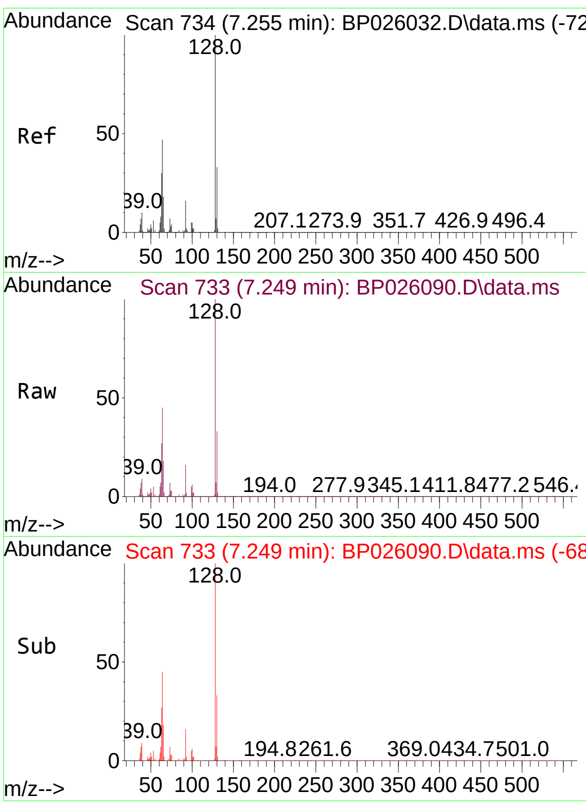


#7
Phenol-d6
Concen: 83.718 ng
RT: 6.855 min Scan# 66
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion: 99 Resp: 2202873

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.7	20.5
71	30.1	24.4	36.6

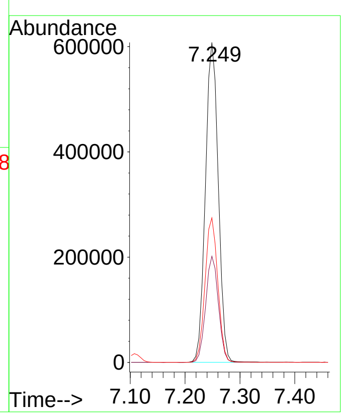


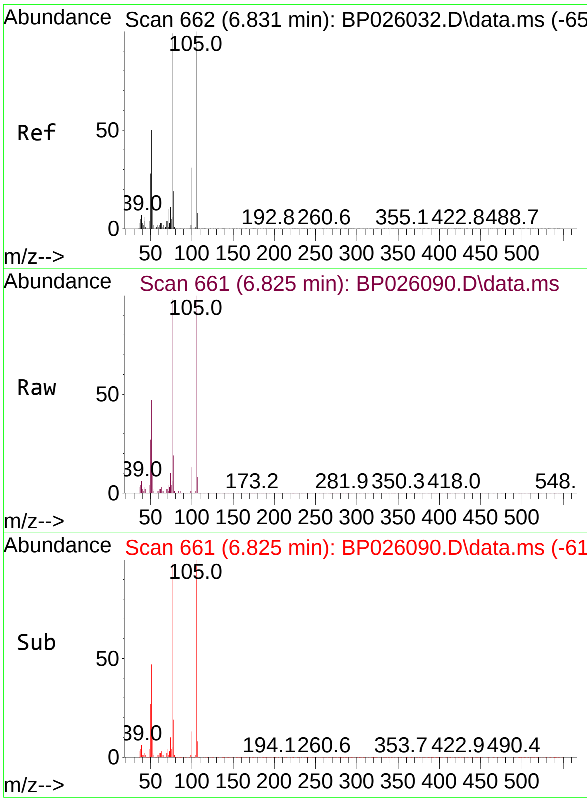


#8
2-Chlorophenol
Concen: 43.173 ng
RT: 7.249 min Scan# 733
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:128 Resp: 988337

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.7	52.7
64	45.2	27.4	67.4





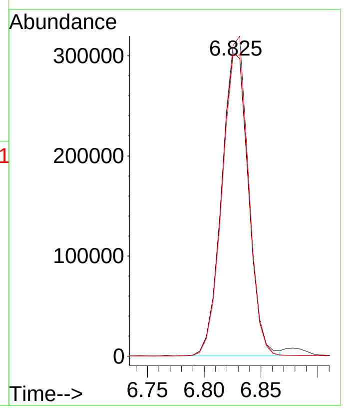

```
#9
Benzaldehyde
Concen:   36.459 ng
RT:   6.825 min  Scan# 66
Delta R.T.   -0.006 min
Lab File:   BP026090.D
Acq: 11 Nov 2025  14:44

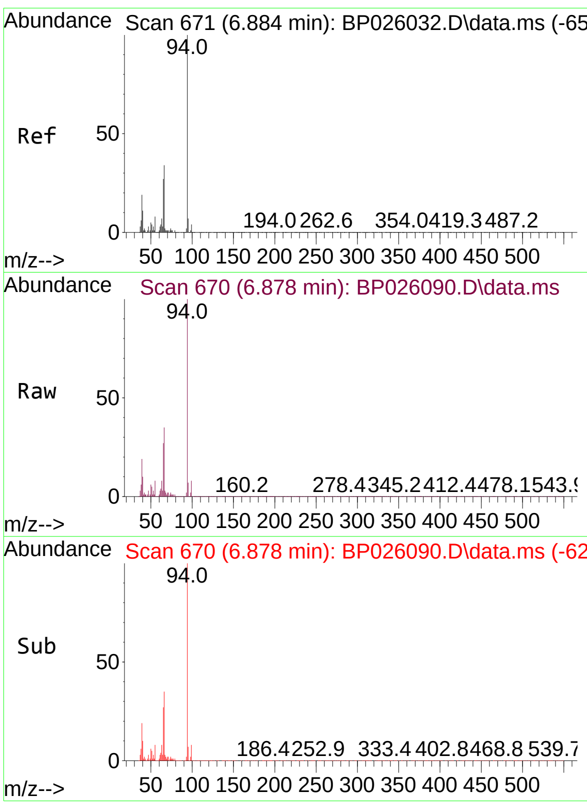
Tgt Ion: 77 Resp:  49870
Ion  Ratio  Lower  Upper
 77  100
105  102.3   80.7  120.7
106   99.0   76.5  116.5
```

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

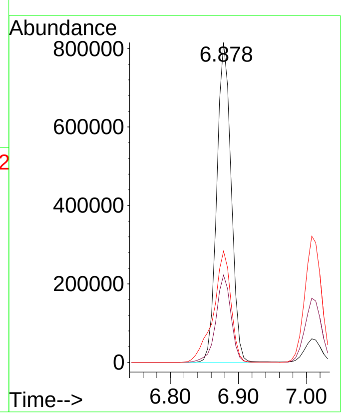
Reviewed By :Rahul Chavli   11/12/2025
Supervised By :Jagrut Upadhyay   11/12/2025






```
#10
Phenol
Concen:   40.774 ng
RT:   6.878 min  Scan# 670
Delta R.T.   -0.006 min
Lab File:   BP026090.D
Acq: 11 Nov 2025  14:44

Tgt Ion: 94 Resp: 1191105
Ion  Ratio  Lower  Upper
 94  100
 65   27.3    7.1   47.1
 66   34.8   14.4   54.4
```



Instrument :
BNA_P
ClientSampleId :
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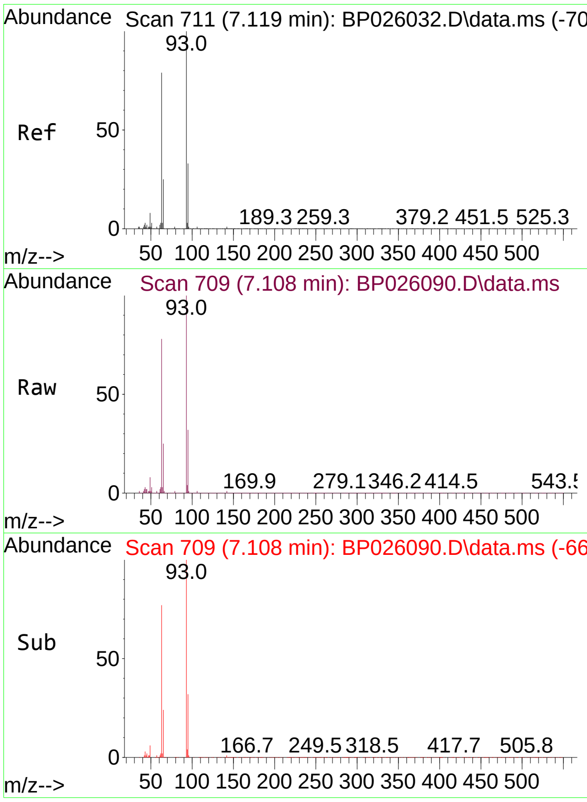
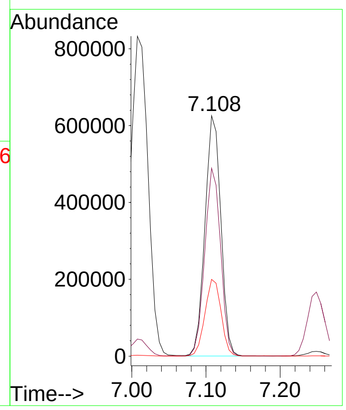
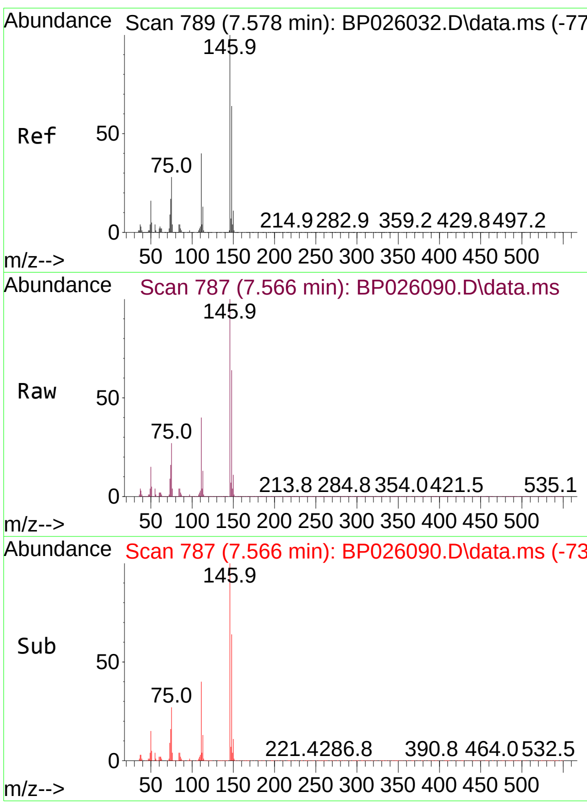


#11
bis(2-Chloroethyl)ether
Concen: 40.404 ng
RT: 7.108 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion: 93 Resp: 93145

Ion	Ratio	Lower	Upper
93	100		
63	78.1	59.1	99.1
95	31.9	12.6	52.6

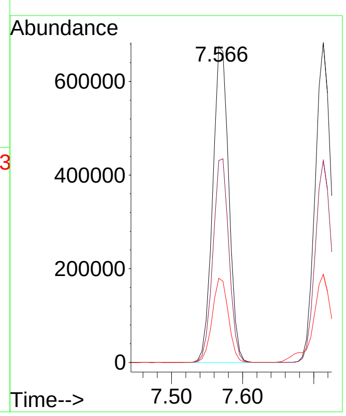




#12
1,3-Dichlorobenzene
Concen: 40.467 ng
RT: 7.566 min Scan# 787
Delta R.T. -0.011 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:146 Resp: 1063892

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
75	26.6	22.6	33.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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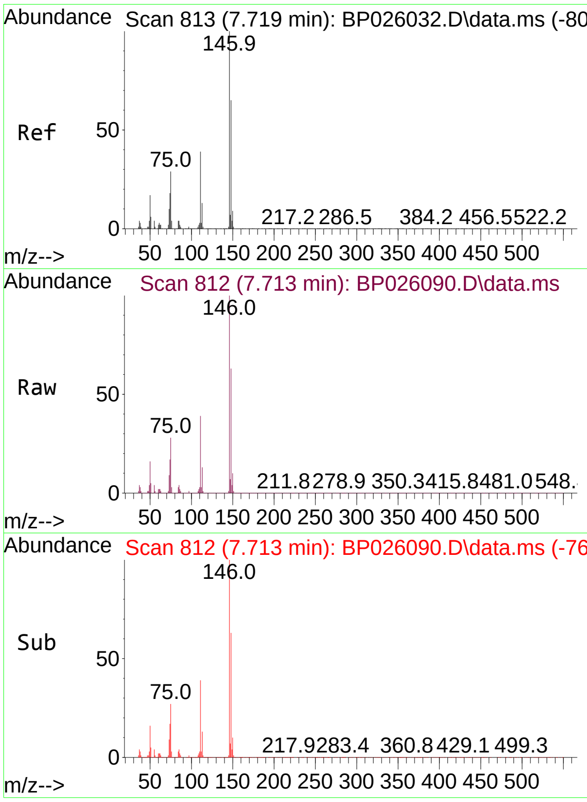
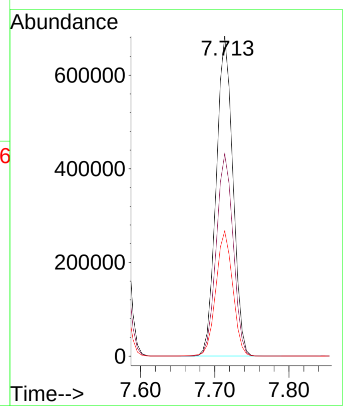
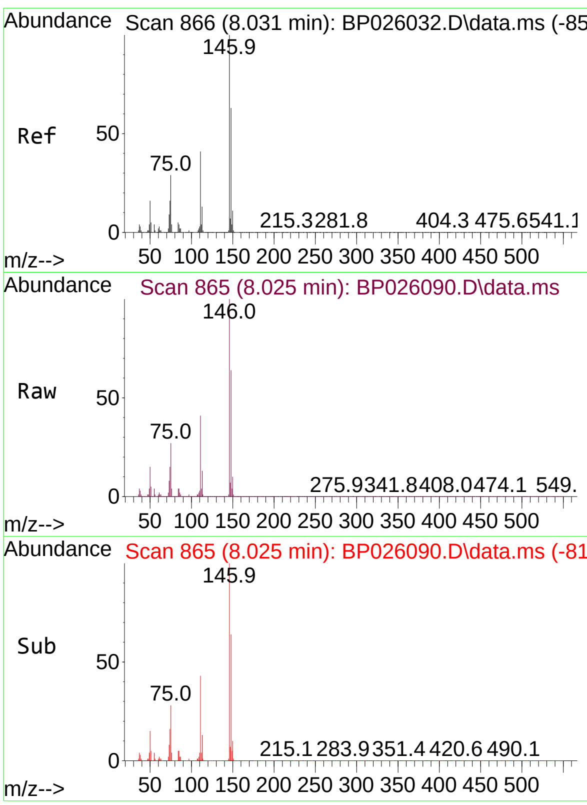


#13
1,4-Dichlorobenzene
Concen: 40.196 ng
RT: 7.713 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:146 Resp: 106844

Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.2
111	39.1	31.3	46.9

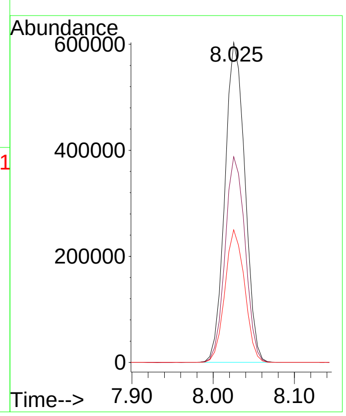




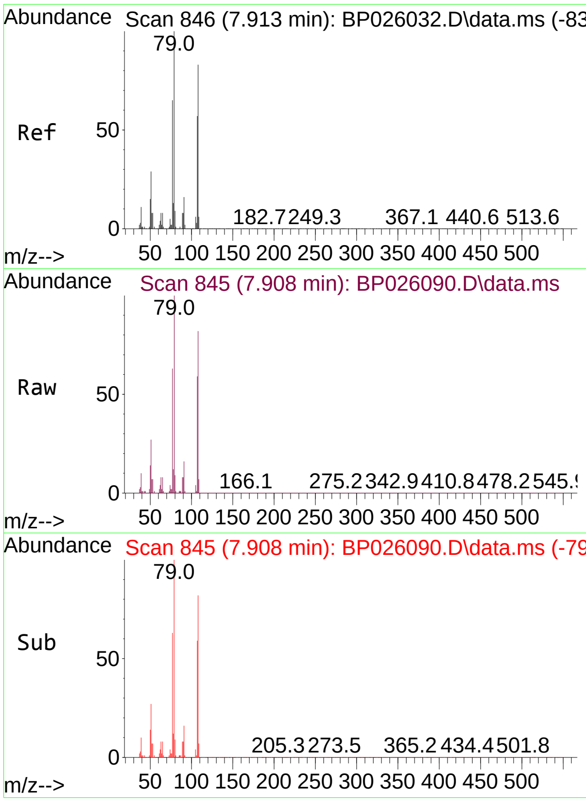
#14
1,2-Dichlorobenzene
Concen: 40.812 ng
RT: 8.025 min Scan# 865
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:146 Resp: 1035172

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	41.4	33.0	49.4



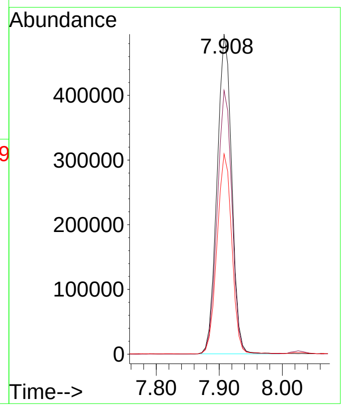
Sample Results: **BP026090.D**



#15
Benzyl Alcohol
Concen: 42.108 ng
RT: 7.908 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion: 79 Resp: 79875

Ion	Ratio	Lower	Upper
79	100		
108	82.4	66.0	99.0
77	62.6	52.3	78.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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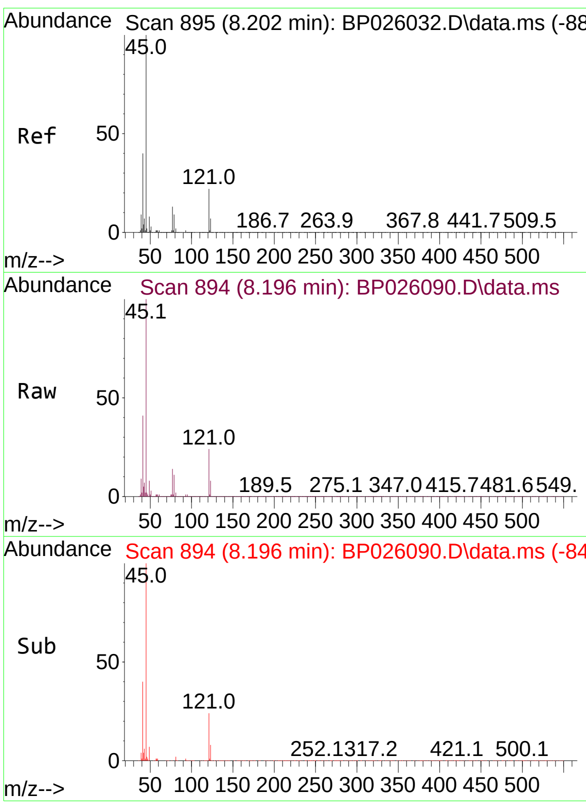
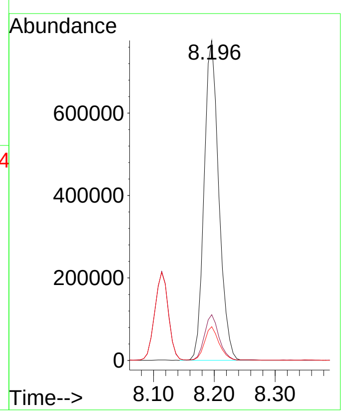


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.391 ng
RT: 8.196 min Scan# 894
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion: 45 Resp: 1302774

Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.2
79	10.5	0.0	29.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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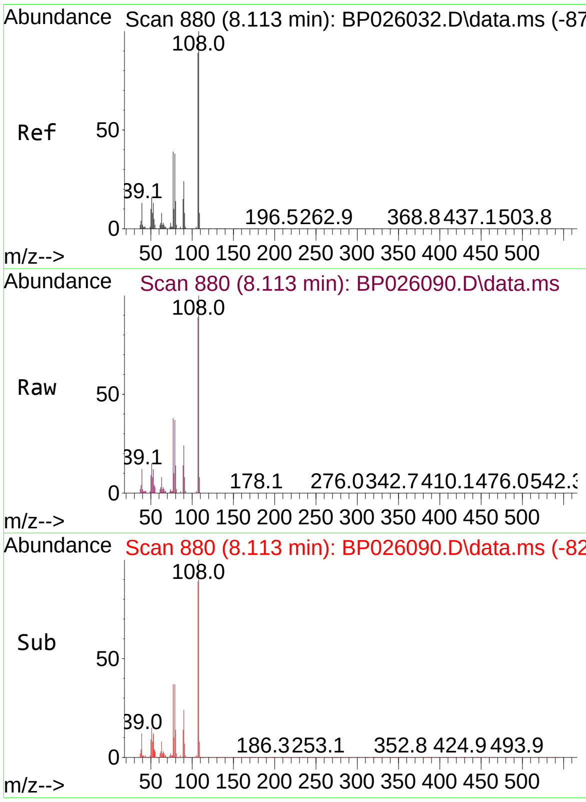
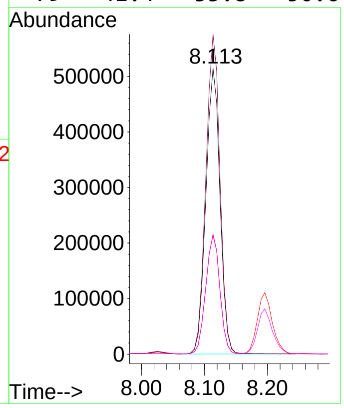
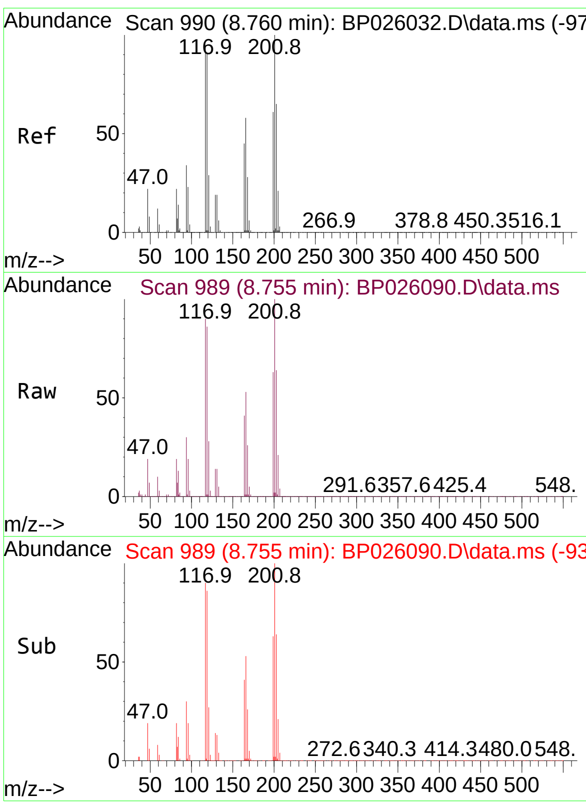


#17
2-Methylphenol
Concen: 41.770 ng
RT: 8.113 min Scan# 88
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:107 Resp: 79899

Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.8	134.8
77	42.0	34.8	52.2
79	41.4	33.8	50.6

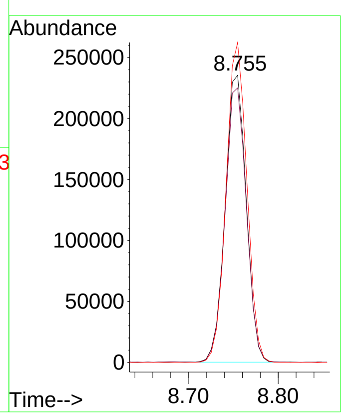




#18
Hexachloroethane
Concen: 42.683 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:117 Resp: 388232

Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.5	114.7
201	111.4	84.2	126.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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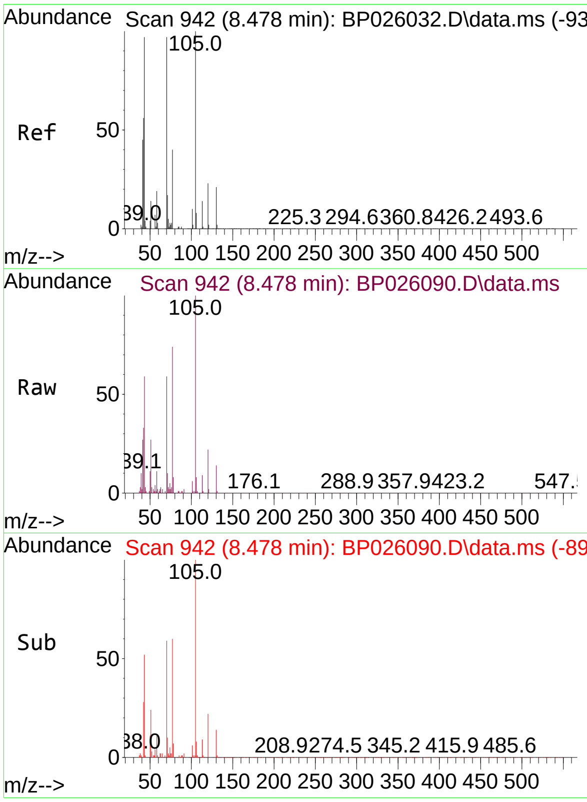
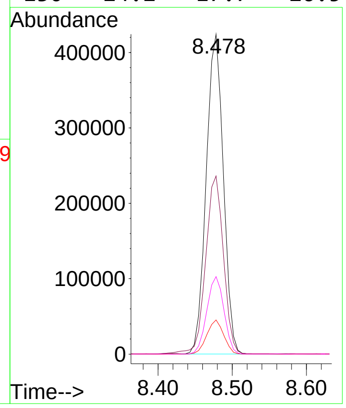
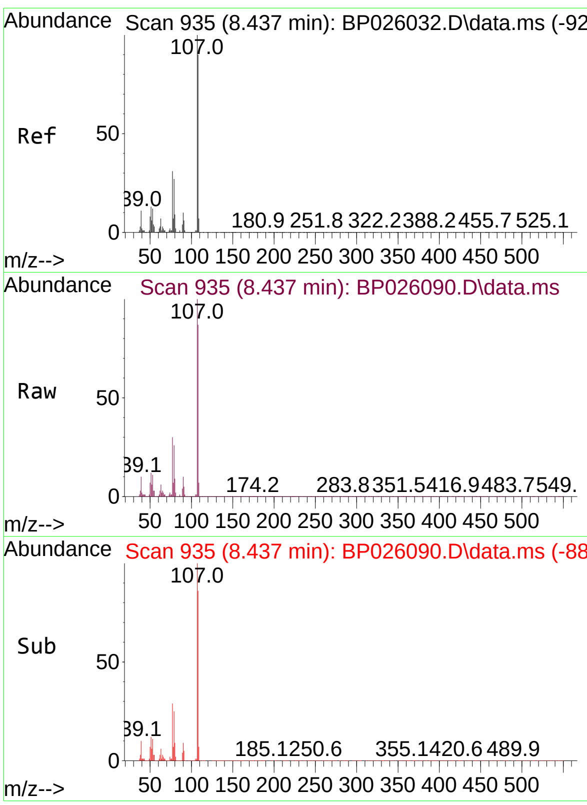


#19
n-Nitroso-di-n-propylamine
Concen: 41.727 ng
RT: 8.478 min Scan# 94
Delta R.T. -0.011 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion: 70 Resp: 681559

Ion	Ratio	Lower	Upper
70	100		
42	55.7	47.2	70.8
101	10.7	8.2	12.2
130	24.2	17.7	26.5

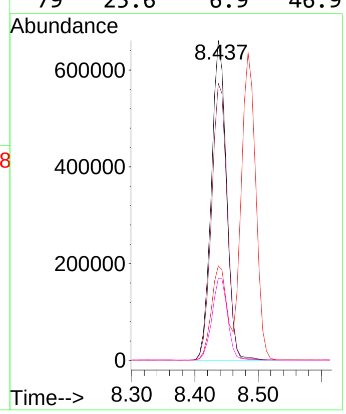


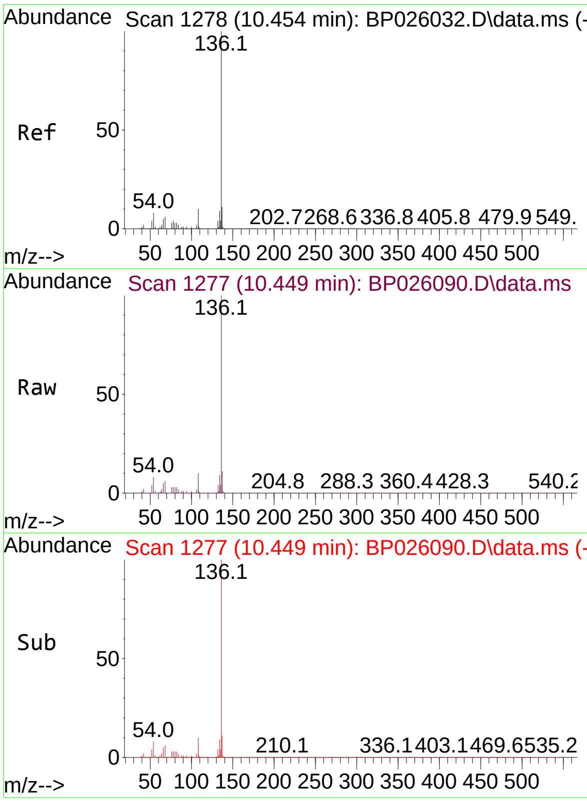


#20
3+4-Methylphenols
Concen: 41.687 ng
RT: 8.437 min Scan# 935
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:107 Resp: 1109329

Ion	Ratio	Lower	Upper
107	100		
108	86.5	70.1	110.1
77	29.5	10.7	50.7
79	25.6	6.9	46.9

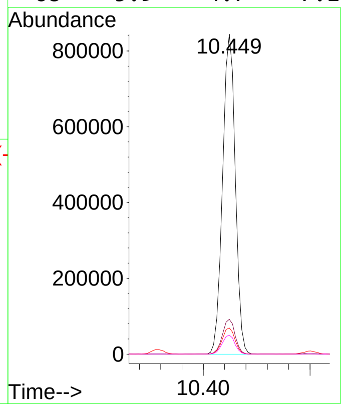




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:136 Resp: 1393557

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.2	6.6	10.0
68	5.9	4.7	7.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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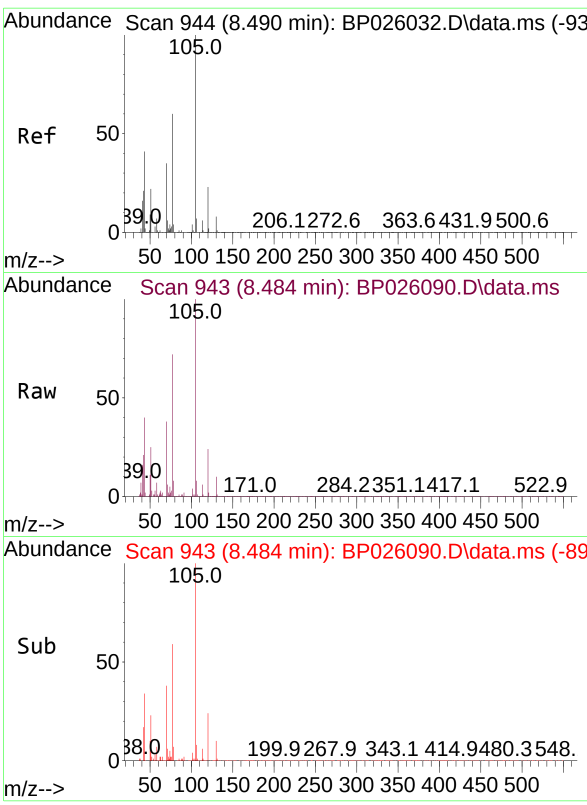
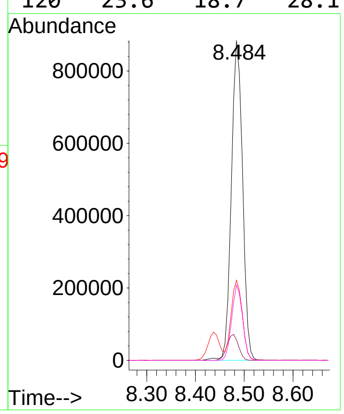


#22
Acetophenone
Concen: 40.108 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.011 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:105 Resp: 1413546

Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.7	7.1
51	25.0	21.8	32.8
120	23.6	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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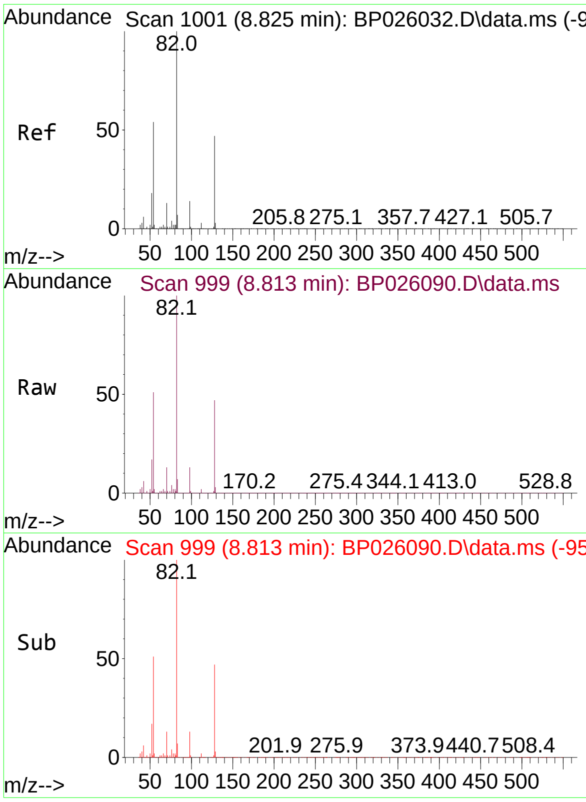
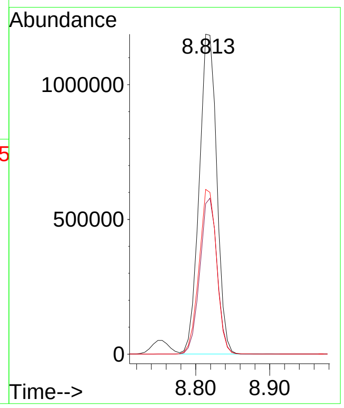
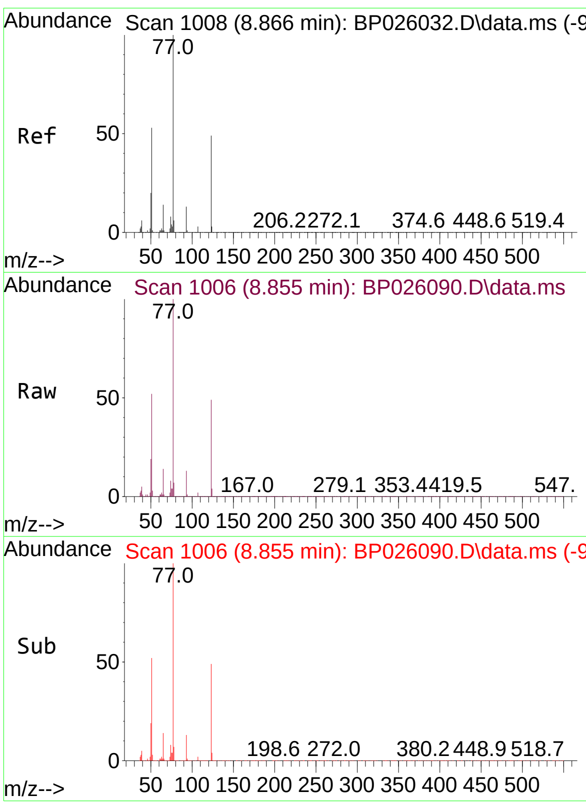



```
#23
Nitrobenzene-d5
Concen:    87.348 ng
RT:    8.813 min   Scan# 99
Delta R.T.   -0.011 min
Lab File:    BP026090.D
Acq: 11 Nov 2025   14:44

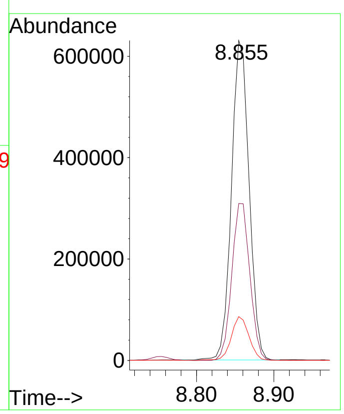
Tgt Ion: 82 Resp: 195259
Ion   Ratio   Lower   Upper
 82   100
128    47.0    37.4    56.0
 54    51.5    42.7    64.1
```

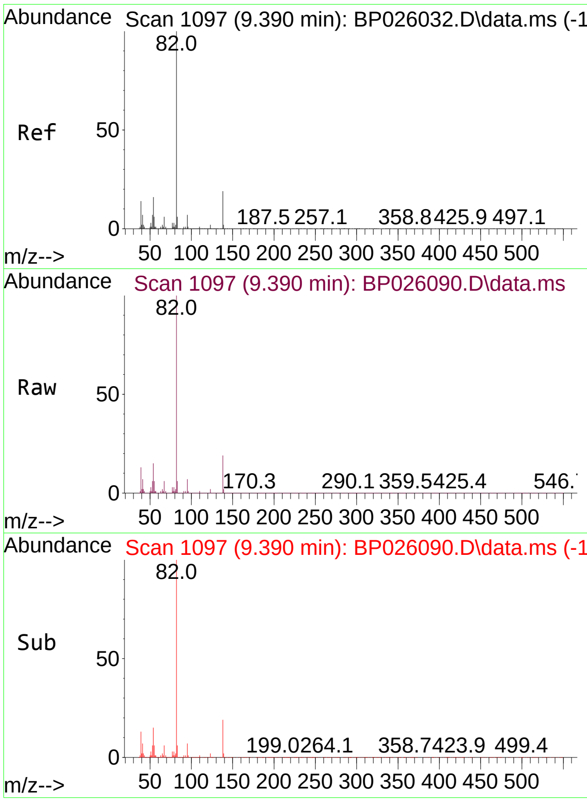





```
#24
Nitrobenzene
Concen:    42.386 ng
RT:    8.855 min   Scan# 1006
Delta R.T.   -0.011 min
Lab File:    BP026090.D
Acq: 11 Nov 2025   14:44

Tgt Ion: 77 Resp: 1000416
Ion   Ratio   Lower   Upper
 77   100
123    49.0    39.0    58.4
 65    13.7    10.9    16.3
```

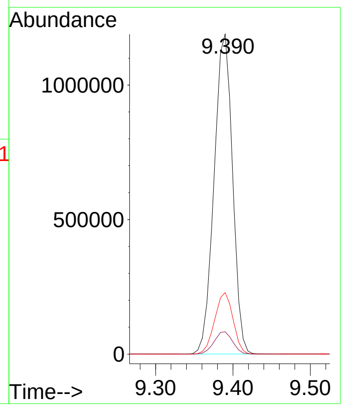




#25
Isophorone
Concen: 41.345 ng
RT: 9.390 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion: 82 Resp: 197824

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	19.2	15.0	22.6



Instrument :
BNA_P
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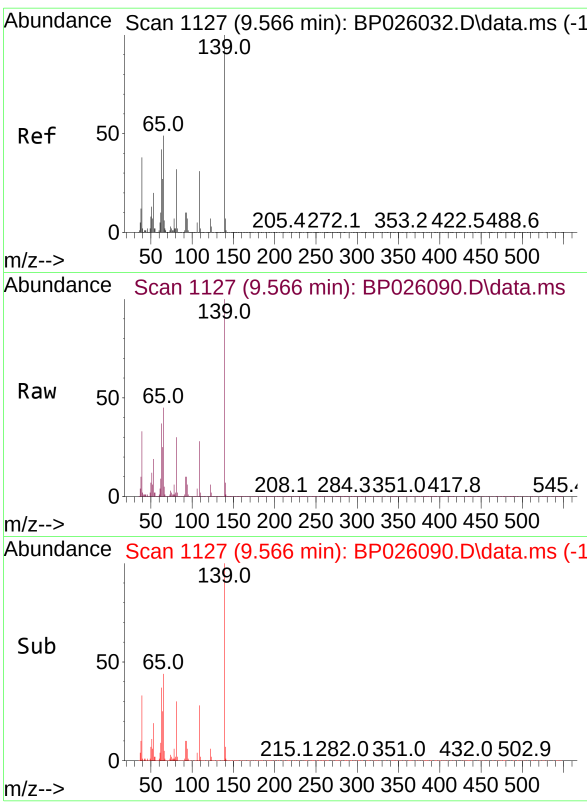
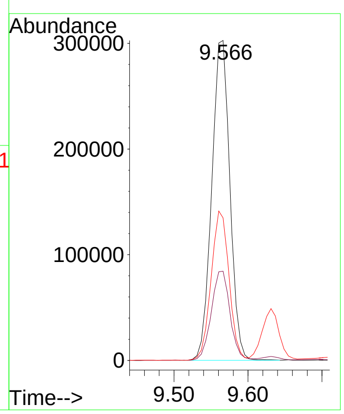
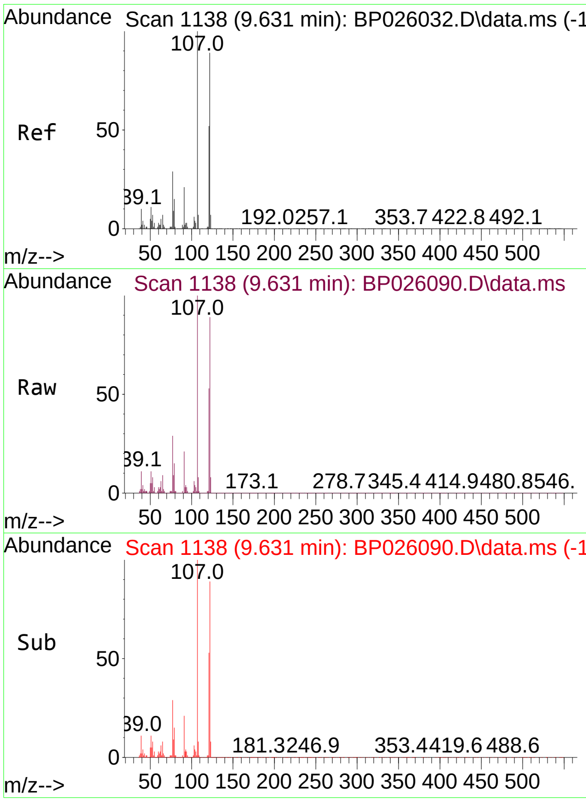


#26
2-Nitrophenol
Concen: 58.796 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:139 Resp: 516338

Ion	Ratio	Lower	Upper
139	100		
109	27.9	24.8	37.2
65	44.5	39.0	58.4





#27
2,4-Dimethylphenol
Concen: 41.613 ng
RT: 9.631 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:122 Resp: 837296

Ion	Ratio	Lower	Upper
122	100		
107	112.9	89.2	133.8
121	60.1	46.3	69.5

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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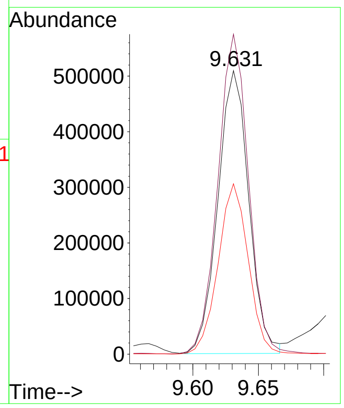
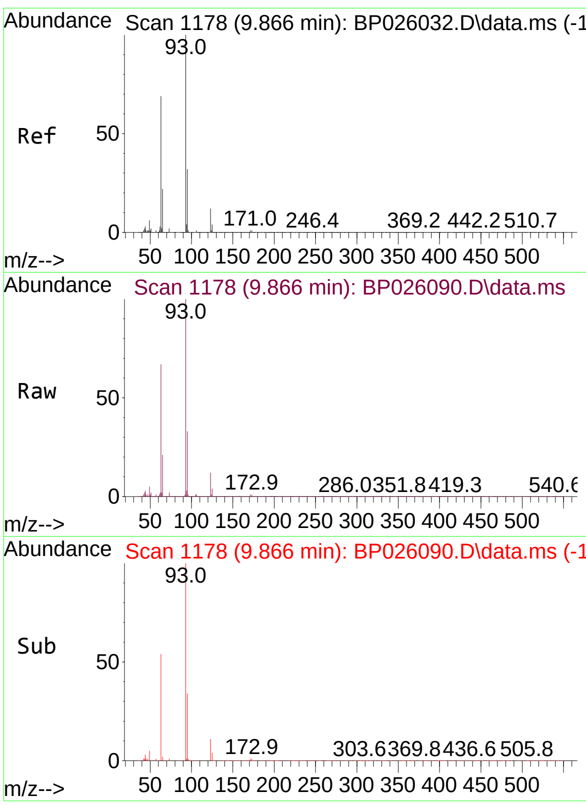
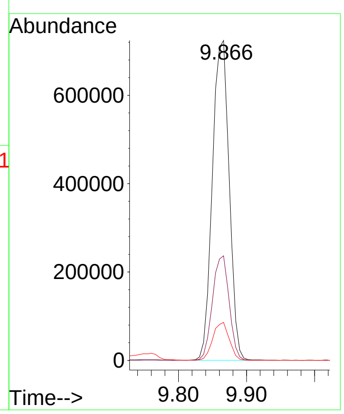




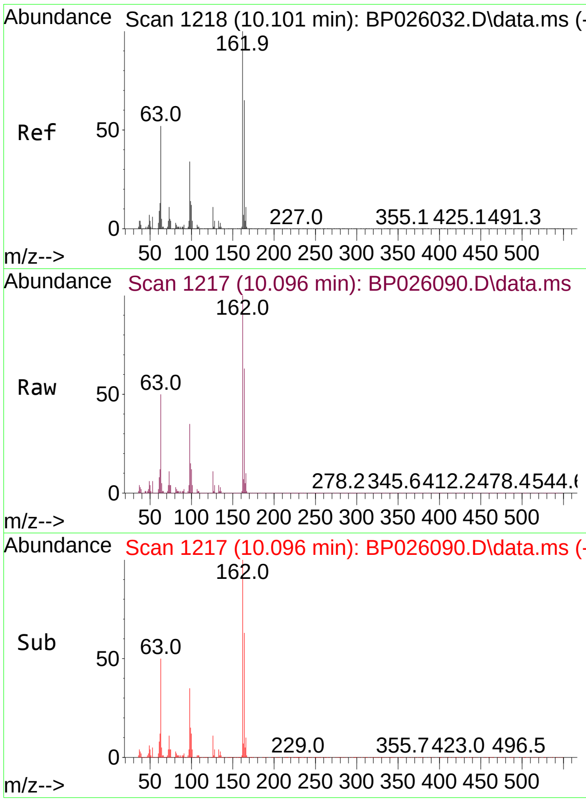
#28
bis(2-Chloroethoxy)methane
Concen: 41.126 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion: 93 Resp: 1240129

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.6
123	11.9	9.3	13.9



Sample Results: **BP026090.D**



#29
2,4-Dichlorophenol
Concen: 44.657 ng
RT: 10.096 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:162 Resp: 94873

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	34.7	14.0	54.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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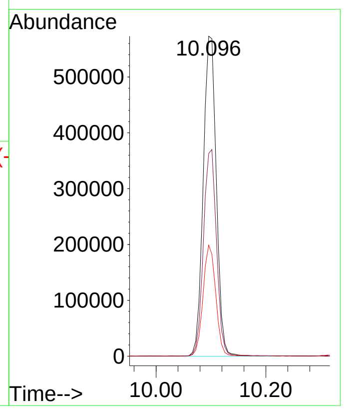
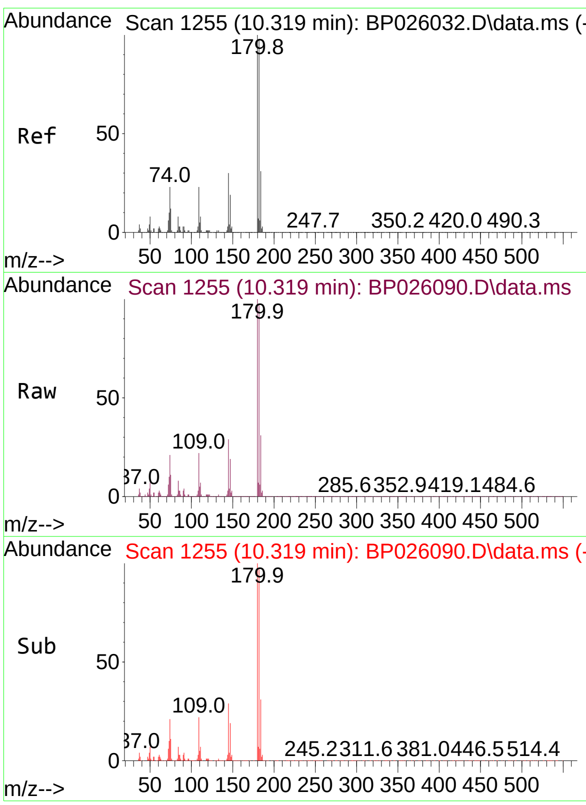
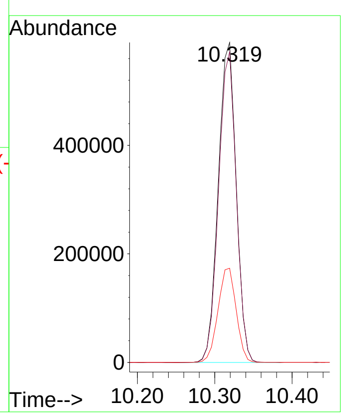




#30
1,2,4-Trichlorobenzene
Concen: 41.249 ng
RT: 10.319 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:180 Resp: 952499

Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.6	117.8
145	29.4	24.2	36.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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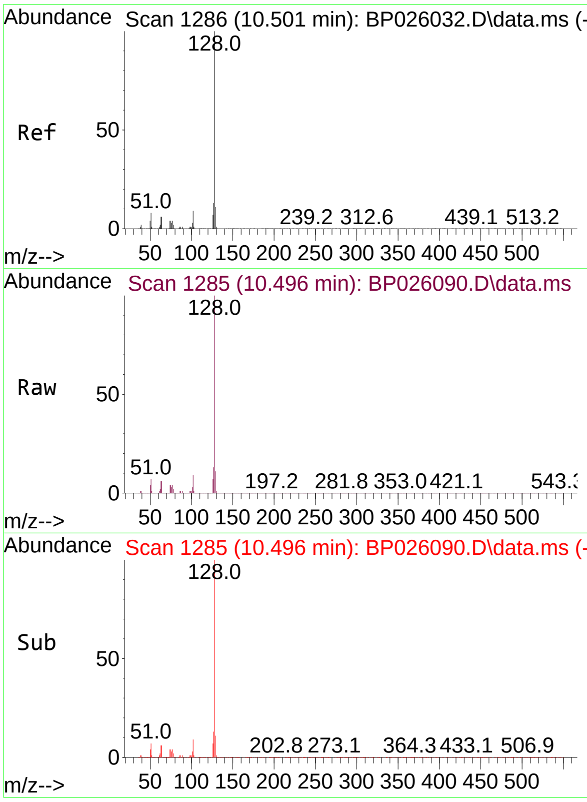
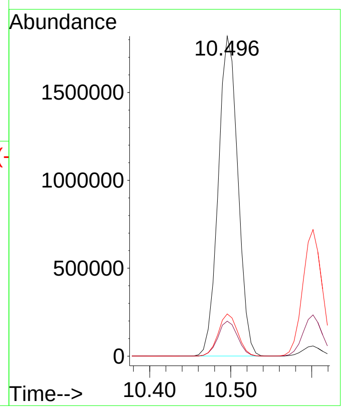
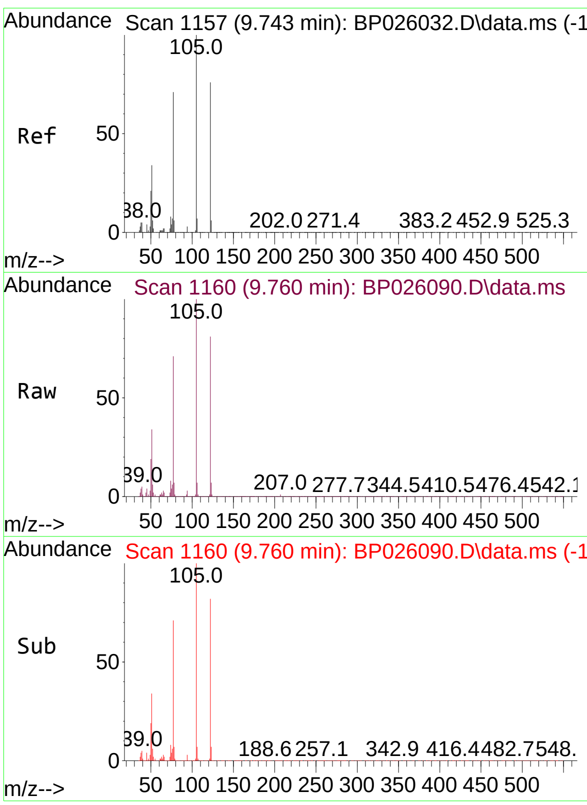



```
#31
Naphthalene
Concen:    40.360 ng
RT:   10.496 min   Scan# 1
Delta R.T.   -0.006 min
Lab File:    BP026090.D
Acq: 11 Nov 2025   14:44

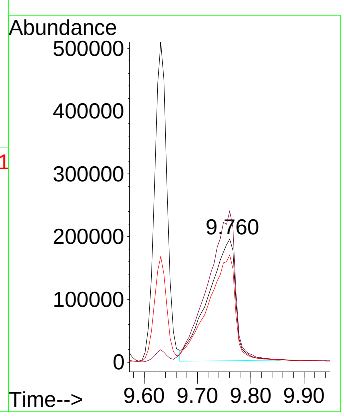
Tgt Ion:128 Resp: 306706
Ion   Ratio   Lower   Upper
128   100
129    10.9     8.7    13.1
127    13.2    10.5    15.7
```

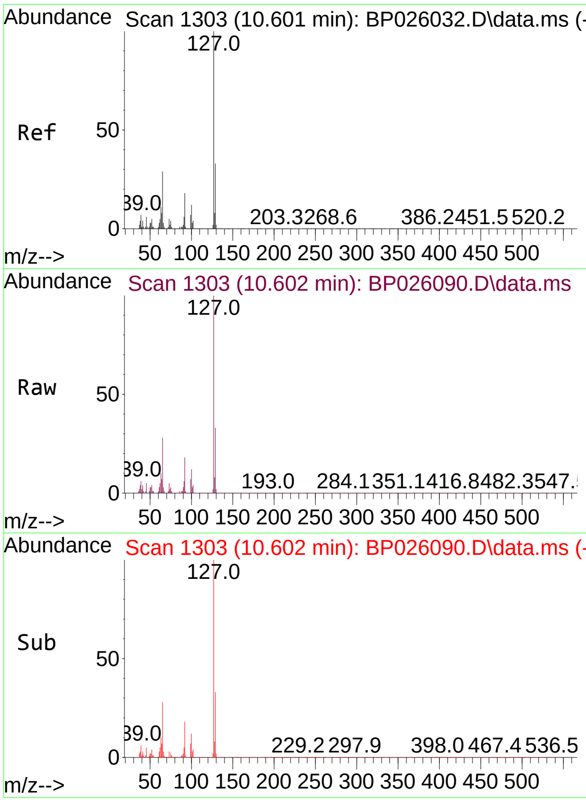





```
#32
Benzoic acid
Concen:    54.588 ng
RT:    9.760 min   Scan# 1160
Delta R.T.   -0.018 min
Lab File:    BP026090.D
Acq: 11 Nov 2025   14:44

Tgt Ion:122 Resp:   698320
Ion   Ratio   Lower   Upper
122   100
105   122.8   104.8   144.8
 77    87.2    70.9   110.9
```





#33
4-Chloroaniline
Concen: 41.010 ng
RT: 10.602 min Scan# 13
Delta R.T. 0.007 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Instrument :
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ClientSampleId :
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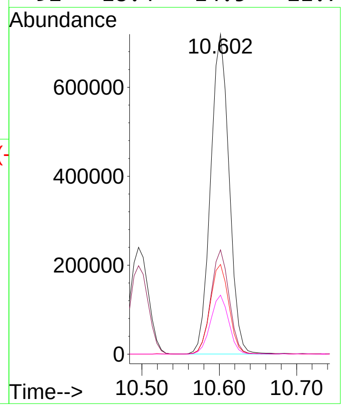
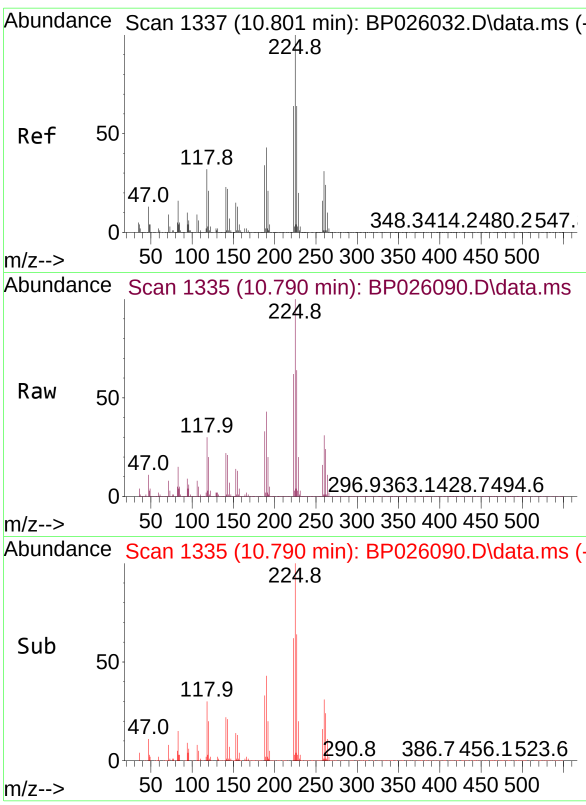
Tgt Ion:127 Resp: 119757

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	28.0	23.2	34.8
92	18.4	14.5	21.7

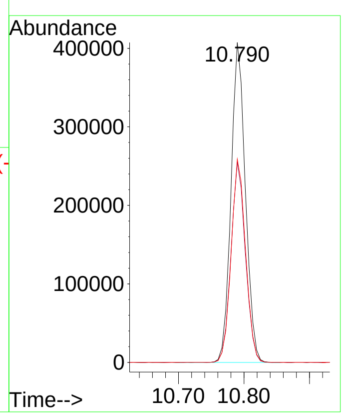




#34
Hexachlorobutadiene
Concen: 42.335 ng
RT: 10.790 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:225 Resp: 621227

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.9	76.3
227	63.6	51.0	76.4



Instrument :
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ClientSampleId :
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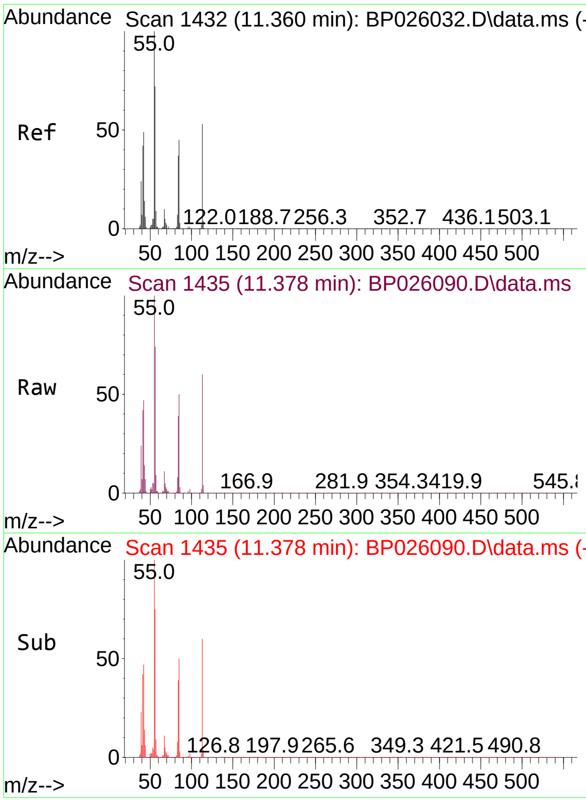
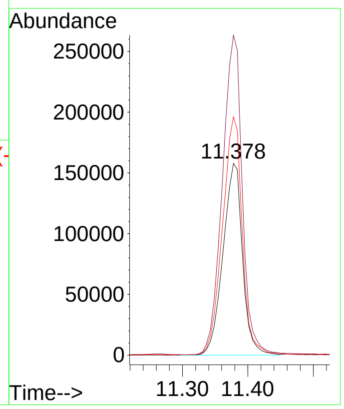
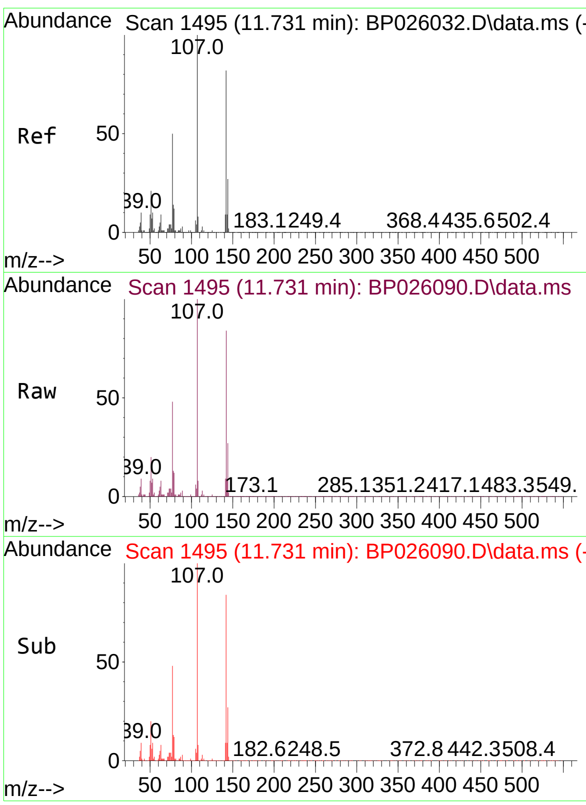



```
#35
Caprolactam
Concen:    43.839 ng
RT:  11.378 min   Scan# 14
Delta R.T.   -0.006 min
Lab File:    BP026090.D
Acq: 11 Nov 2025   14:44

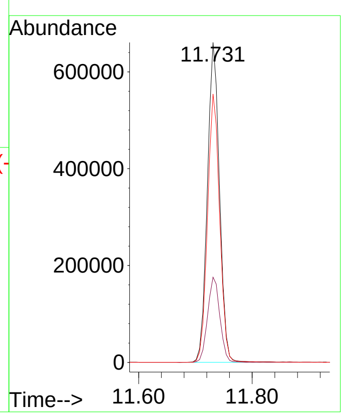
Tgt Ion:113 Resp:  32706
Ion   Ratio   Lower   Upper
113   100
 55   166.8   169.9   209.9#
 56   124.3   116.7   156.7
```






```
#36
4-Chloro-3-methylphenol
Concen:    44.198 ng
RT:  11.731 min   Scan# 1495
Delta R.T.   0.000 min
Lab File:    BP026090.D
Acq: 11 Nov 2025   14:44

Tgt Ion:107 Resp:   984333
Ion   Ratio   Lower   Upper
107   100
144    26.6    21.3    31.9
142    83.9    65.2    97.8
```



Instrument :
BNA_P
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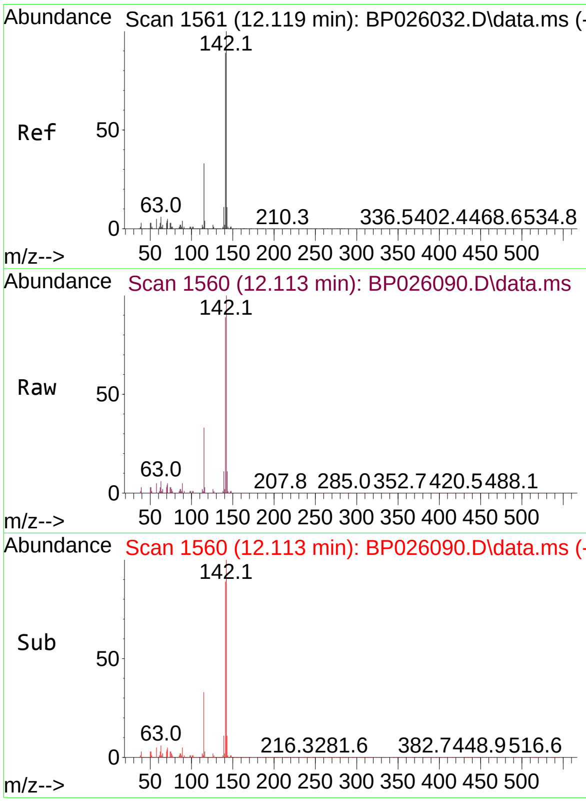
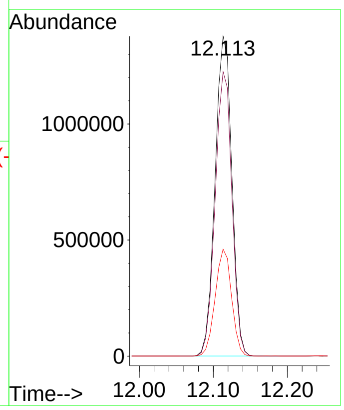
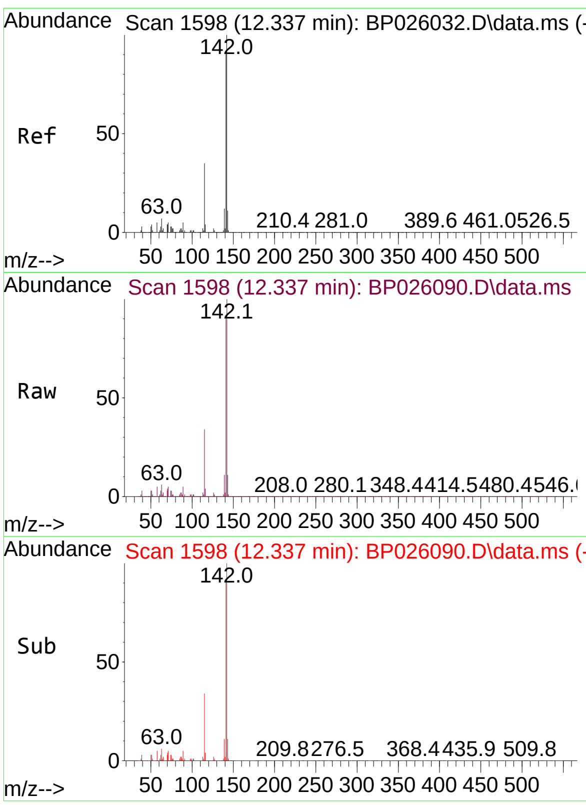



```
#37
2-Methylnaphthalene
Concen:   40.916 ng
RT:  12.113 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BP026090.D
Acq: 11 Nov 2025  14:44

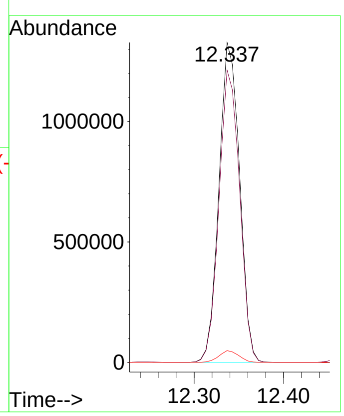
Tgt Ion:142 Resp: 217625
Ion  Ratio  Lower  Upper
142  100
141   88.9   71.6  107.4
115   33.4   26.6   39.8
```






```
#38
1-Methylnaphthalene
Concen:   41.153 ng
RT:  12.337 min  Scan# 1598
Delta R.T.  0.001 min
Lab File:   BP026090.D
Acq: 11 Nov 2025  14:44

Tgt Ion:142 Resp: 2126449
Ion  Ratio  Lower  Upper
142  100
141   91.3   72.7  109.1
116    3.7    2.9    4.3
```



Instrument :
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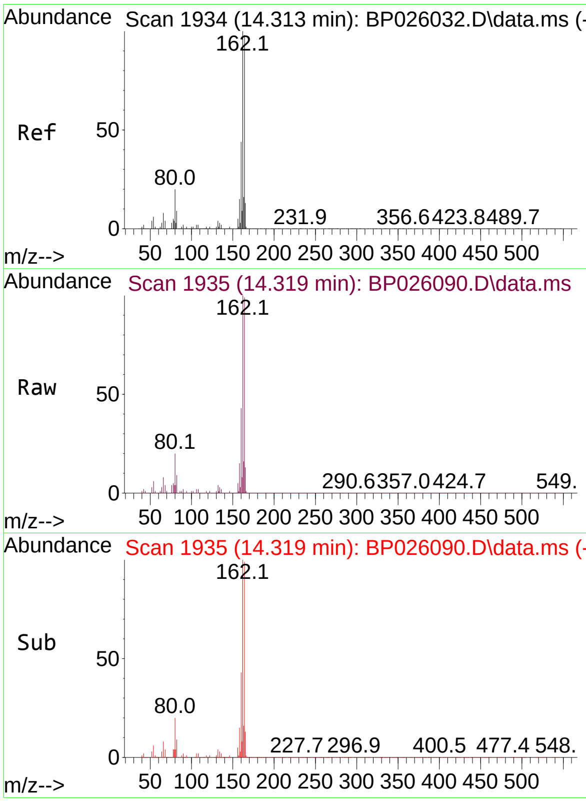
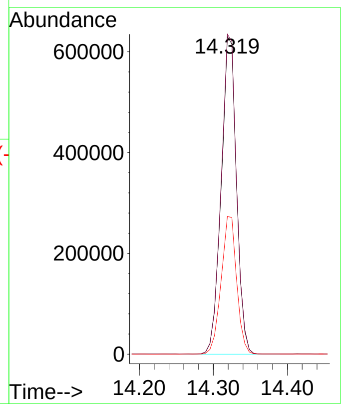
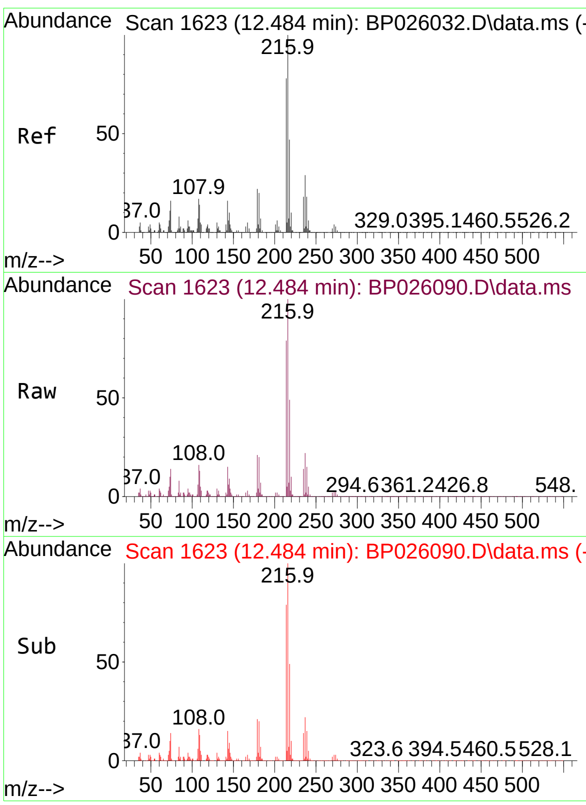


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:164 Resp: 90180

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.5	122.3
160	43.3	36.2	54.4

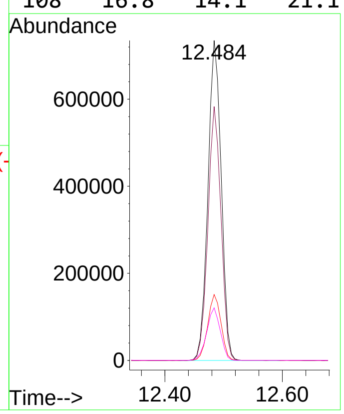




#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.090 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:216 Resp: 1151353

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.9	94.3
179	20.6	16.9	25.3
108	16.8	14.1	21.1



Instrument :
BNA_P
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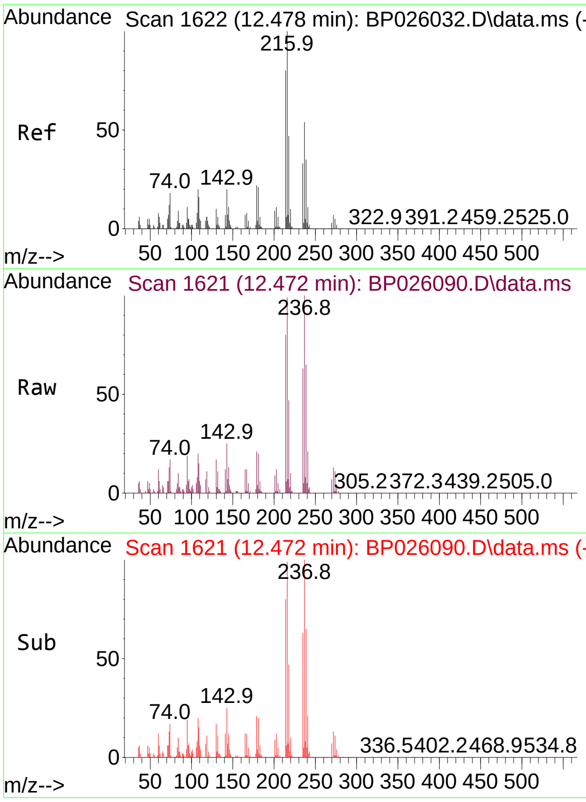
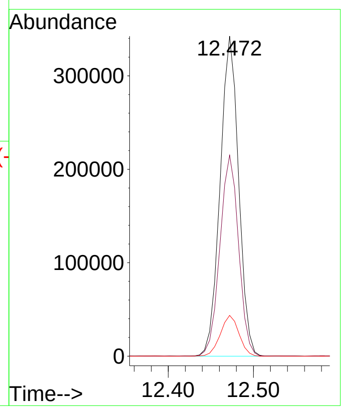
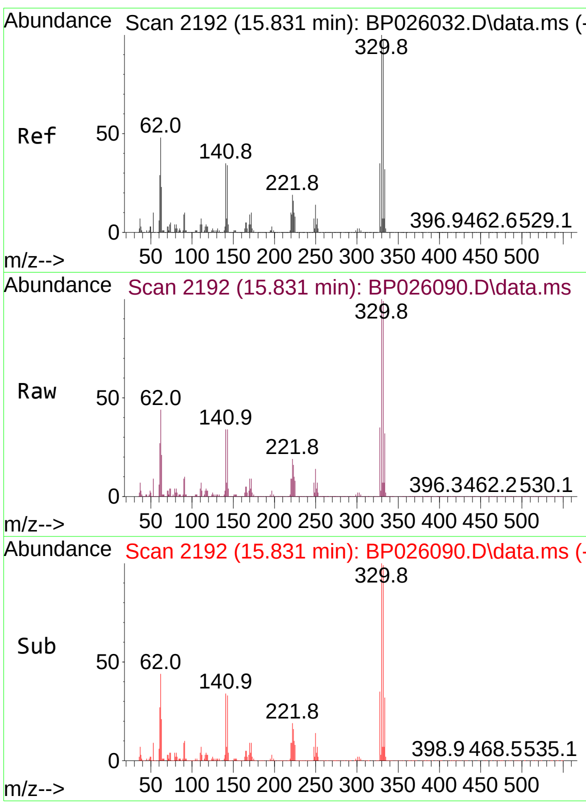


#41
Hexachlorocyclopentadiene
Concen: 50.481 ng
RT: 12.472 min Scan# 16
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:237 Resp: 51753

Ion	Ratio	Lower	Upper
237	100		
235	62.8	40.4	80.4
272	12.8	0.0	32.2

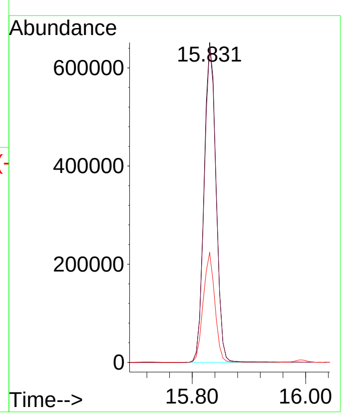




#42
2,4,6-Tribromophenol
Concen: 98.171 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:330 Resp: 957102

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	33.0	28.6	42.8



Instrument :
BNA_P
ClientSampleId :
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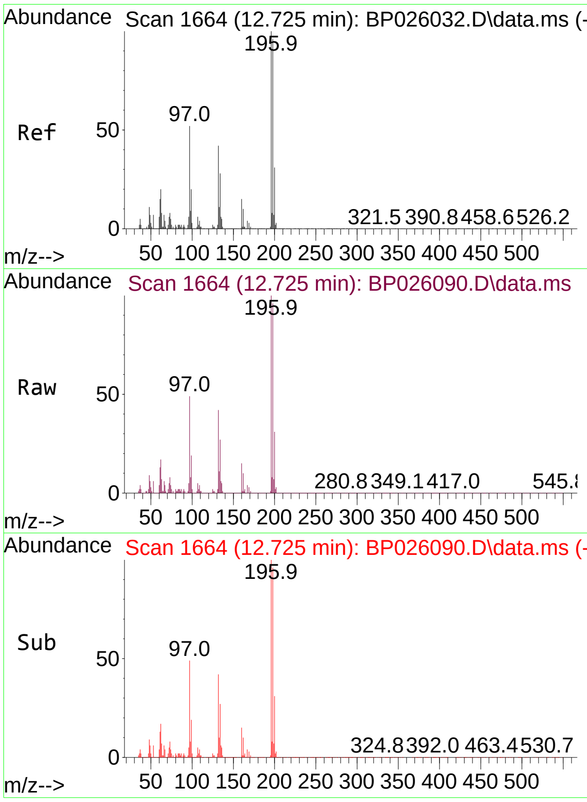
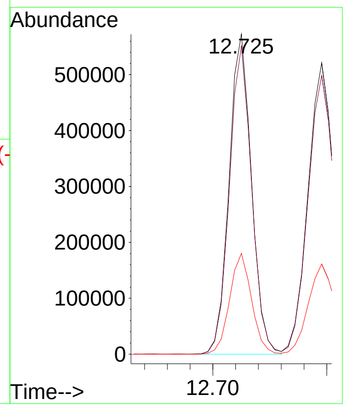
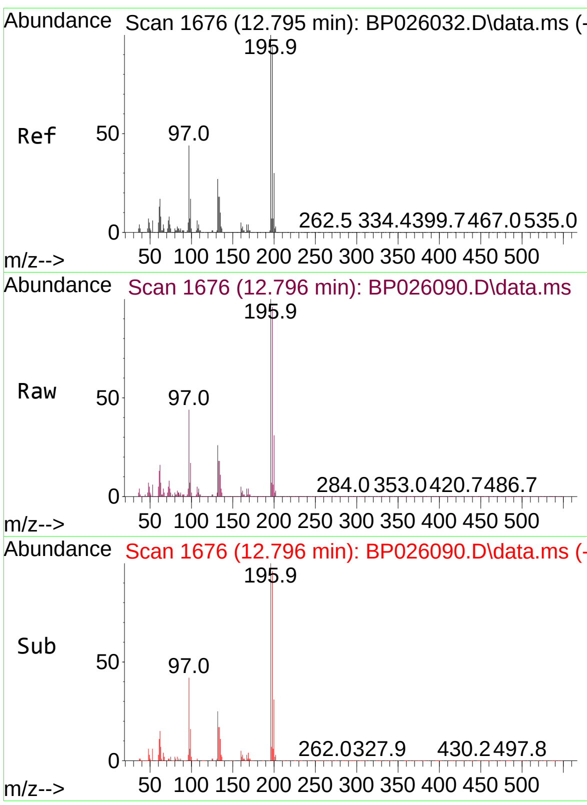


#43
2,4,6-Trichlorophenol
Concen: 47.235 ng
RT: 12.725 min Scan# 16
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:196 Resp: 78231

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.5	114.7
200	31.4	24.4	36.6

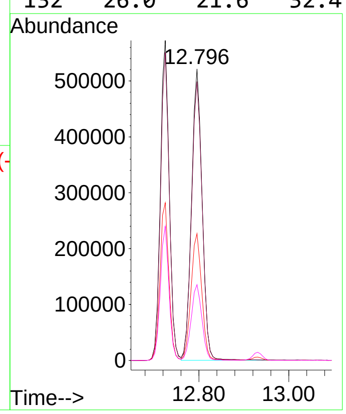




#44
2,4,5-Trichlorophenol
Concen: 45.287 ng
RT: 12.796 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:196 Resp: 855853

Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.1	112.7
97	43.5	35.5	53.3
132	26.0	21.6	32.4



Instrument :
BNA_P
ClientSampleId :
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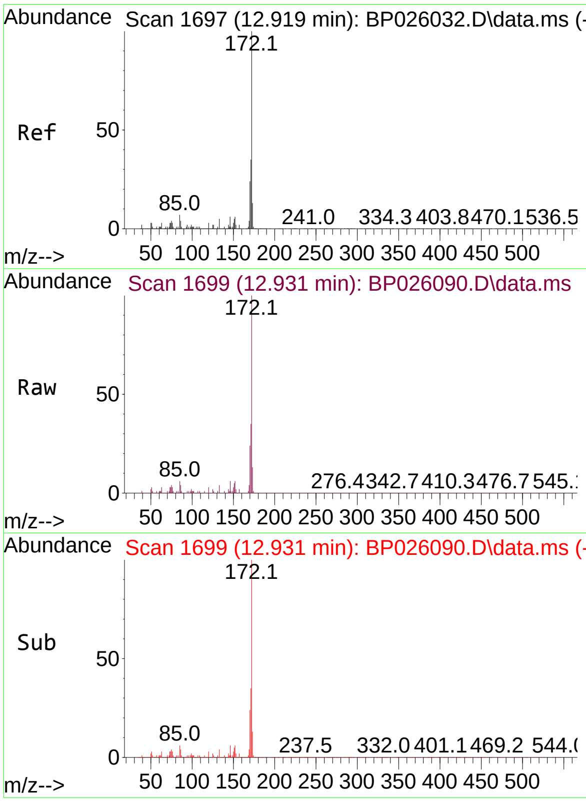
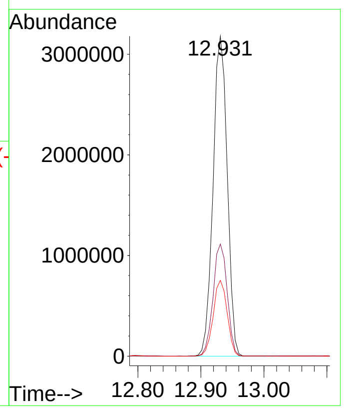
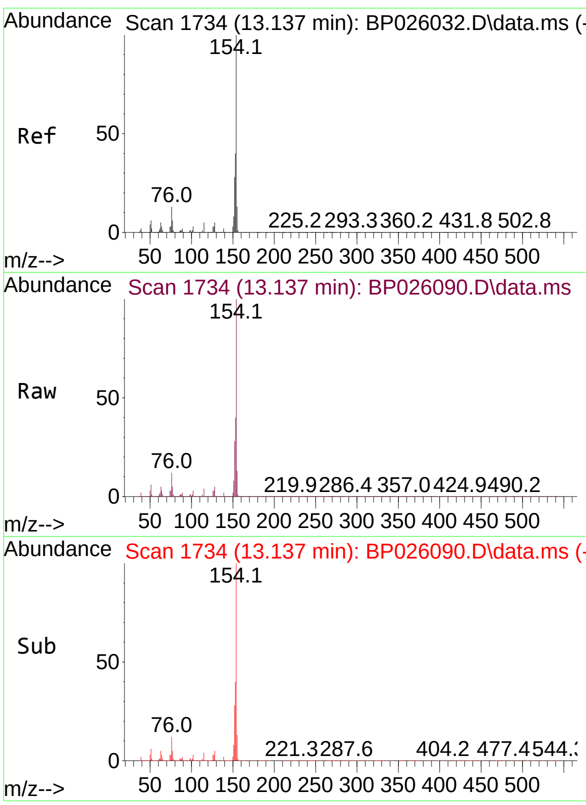


#45
2-Fluorobiphenyl
Concen: 79.332 ng
RT: 12.931 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:172 Resp: 497884

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.7	19.0	28.4

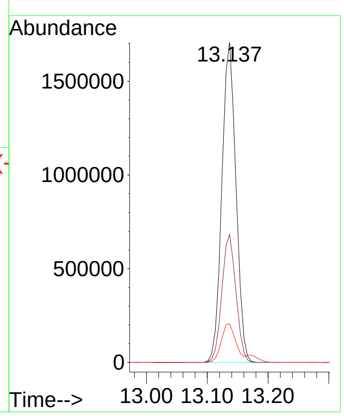


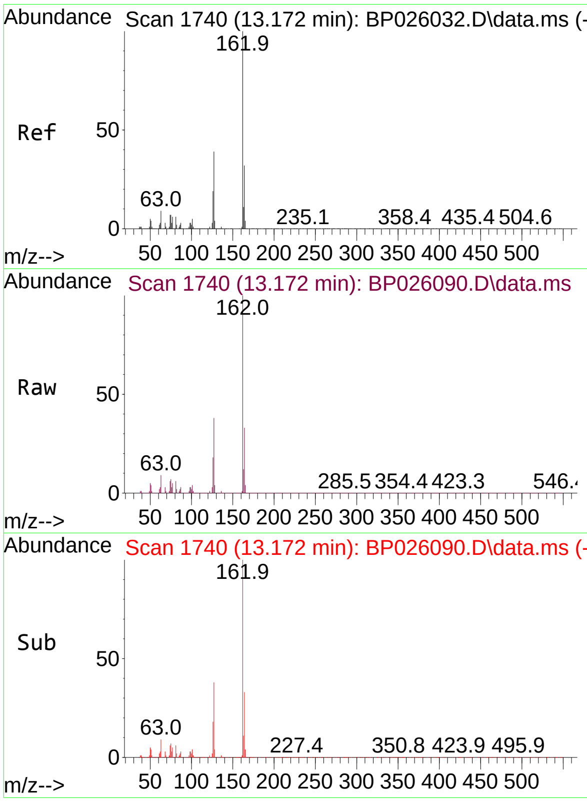


#46
1,1'-Biphenyl
Concen: 39.810 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:154 Resp: 2748920

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.2	60.2
76	12.1	0.0	32.8





#47
2-Chloronaphthalene
Concen: 40.123 ng
RT: 13.172 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 2179869

Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.4	47.2
164	32.8	25.9	38.9

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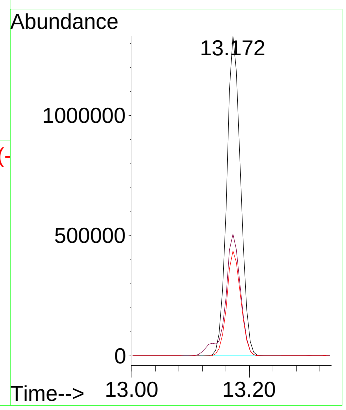
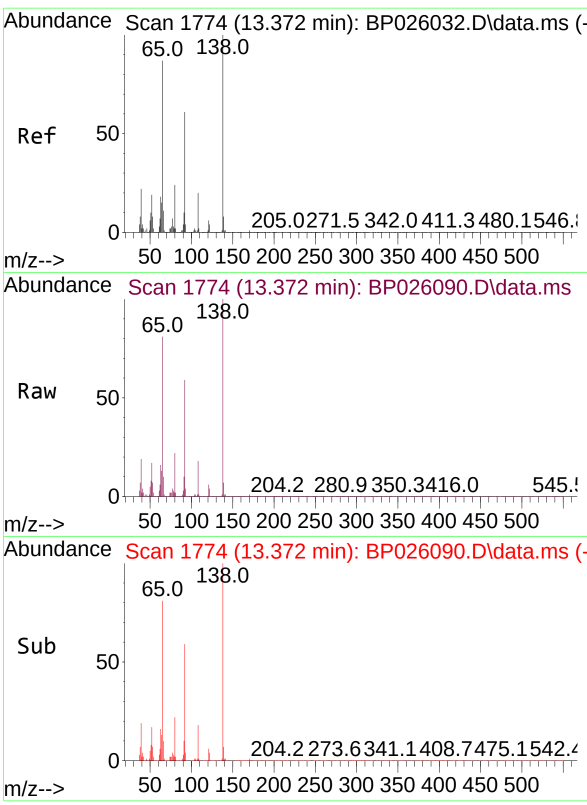
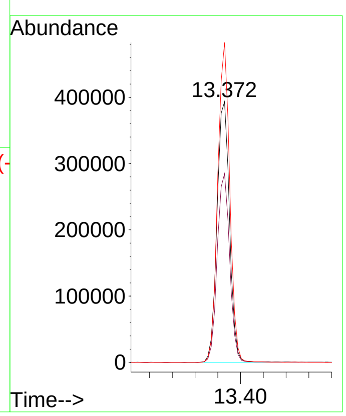




#48
2-Nitroaniline
Concen: 43.326 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion: 65 Resp: 601547

Ion	Ratio	Lower	Upper
65	100		
92	72.4	55.5	83.3
138	122.7	91.7	137.5



Instrument :
BNA_P
ClientSampleId :
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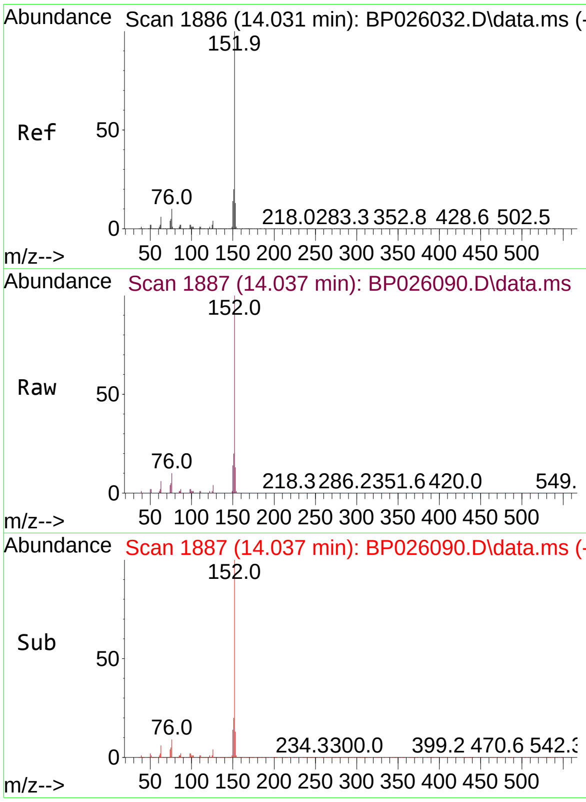
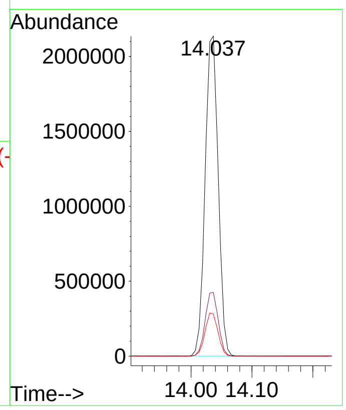
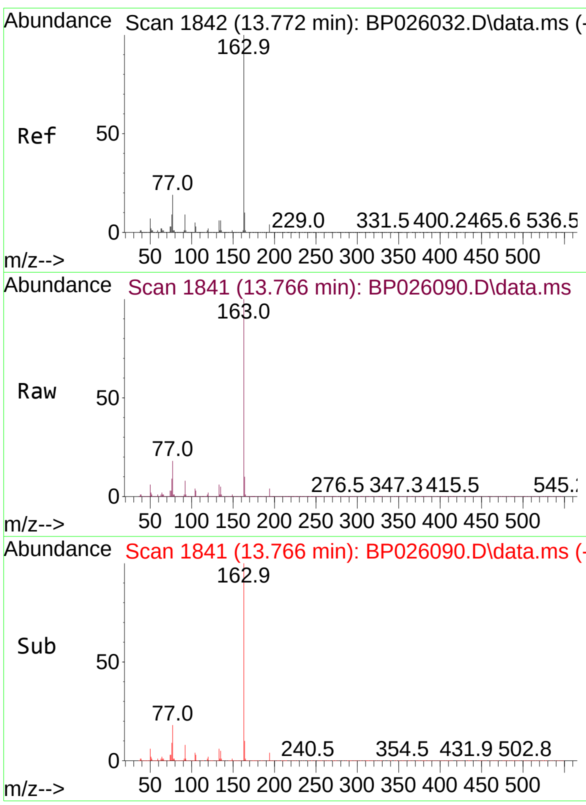



```
#49
Acenaphthylene
Concen:   40.165 ng
RT:  14.037 min  Scan# 18
Delta R.T.  0.001 min
Lab File:   BP026090.D
Acq: 11 Nov 2025  14:44

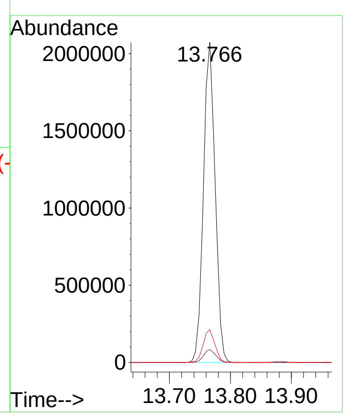
Tgt Ion:152 Resp: 318047
Ion  Ratio  Lower  Upper
152  100
151   19.9   15.9   23.9
153   13.2   10.6   16.0
```






```
#50
Dimethylphthalate
Concen:   42.043 ng
RT:  13.766 min  Scan# 1841
Delta R.T.  -0.006 min
Lab File:   BP026090.D
Acq: 11 Nov 2025  14:44

Tgt Ion:163 Resp: 2757852
Ion  Ratio  Lower  Upper
163  100
194    4.0    3.2    4.8
164   10.2    8.2   12.2
```



Instrument :
BNA_P
ClientSampleId :
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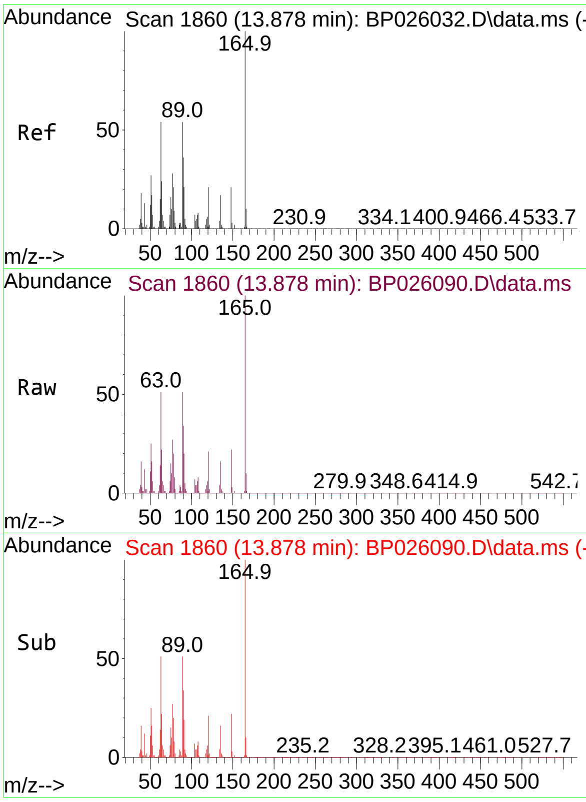
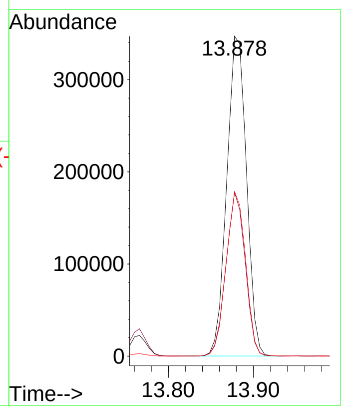
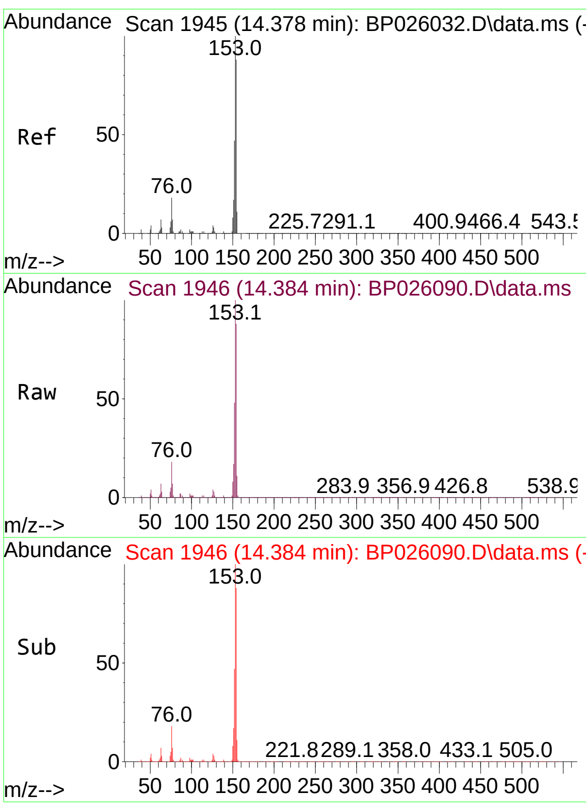


#51
2,6-Dinitrotoluene
Concen: 45.776 ng
RT: 13.878 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:165 Resp: 55883

Ion	Ratio	Lower	Upper
165	100		
63	51.1	43.0	64.4
89	51.4	43.0	64.4

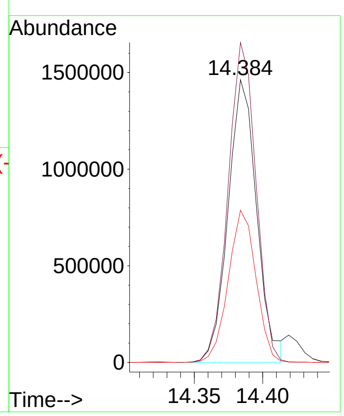




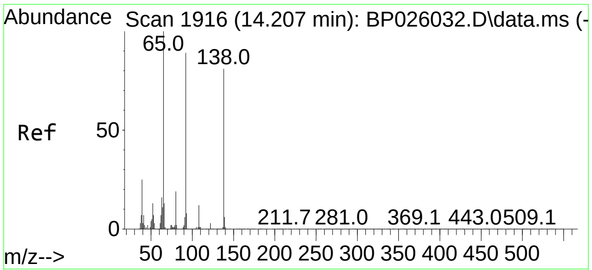
#52
Acenaphthene
Concen: 39.144 ng m
RT: 14.384 min Scan# 1946
Delta R.T. 0.001 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

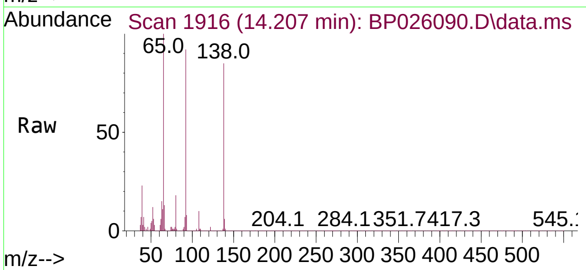
Tgt Ion:154 Resp: 2127933

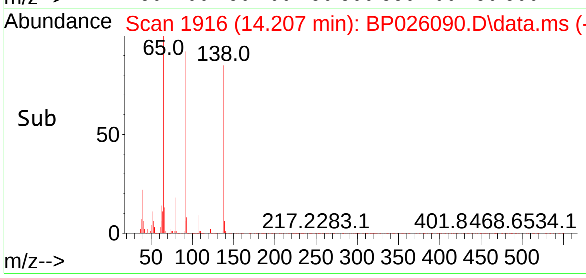
Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.0	136.4
152	53.8	42.7	64.1



Sample Results: **BP026090.D**







#53
3-Nitroaniline
Concen: 44.027 ng
RT: 14.207 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:138 Resp: 64722

Ion	Ratio	Lower	Upper
138	100		
108	11.3	11.4	17.0
92	108.6	87.1	130.7

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Reviewed By :Rahul Chavli 11/12/2025
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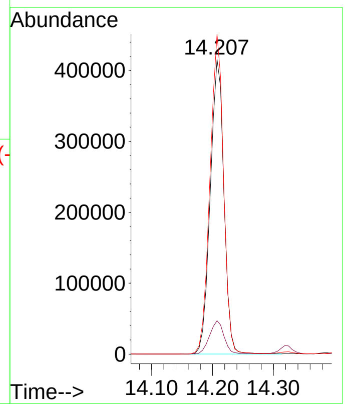
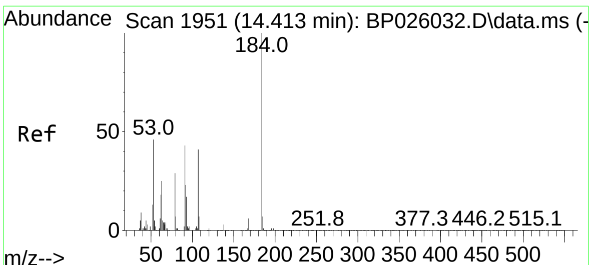
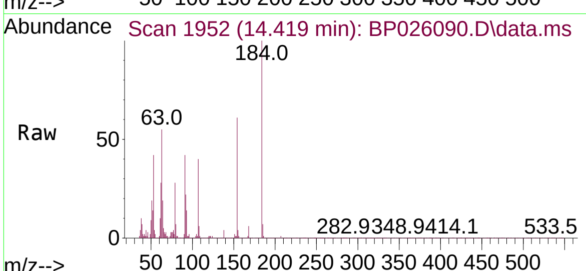
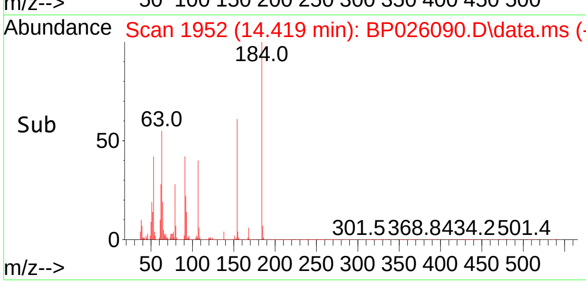




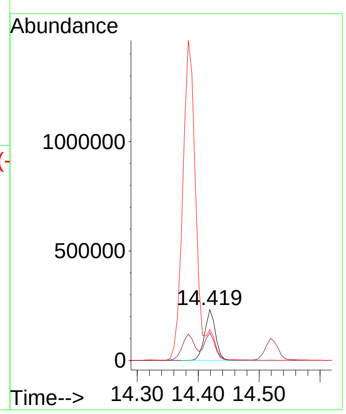




#54
2,4-Dinitrophenol
Concen: 57.180 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:184 Resp: 287441

Ion	Ratio	Lower	Upper
184	100		
63	54.9	49.0	73.4
154	60.8	51.0	76.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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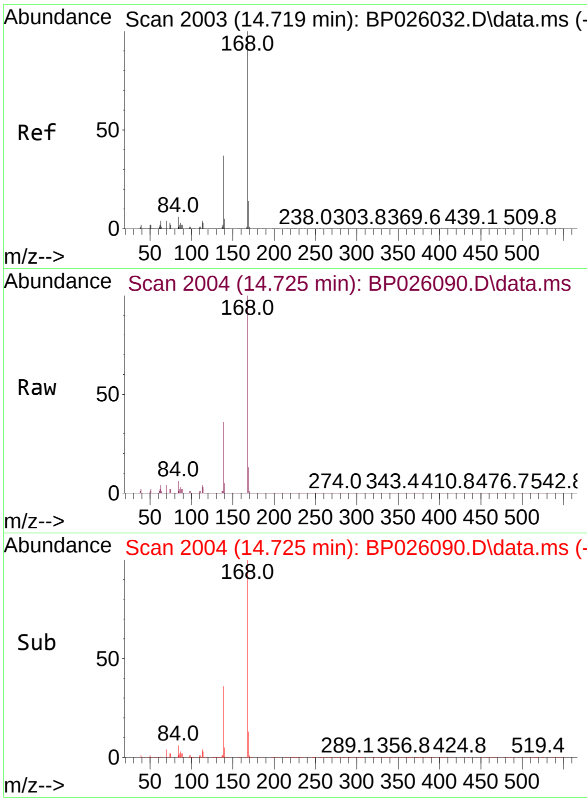
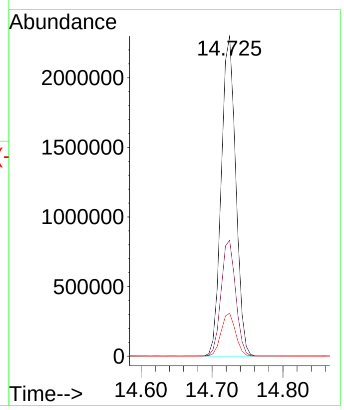
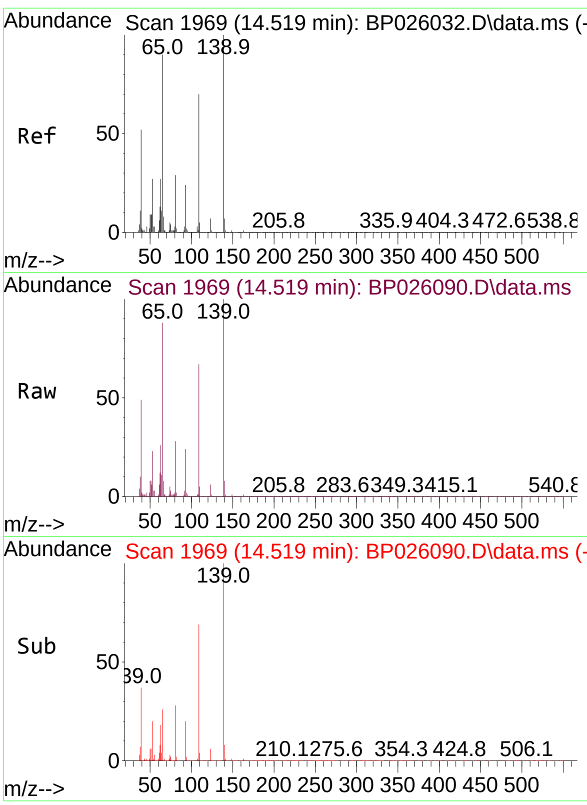



```
#55
Dibenzofuran
Concen:   39.905 ng
RT:  14.725 min  Scan# 20
Delta R.T.  -0.000 min
Lab File:   BP026090.D
Acq: 11 Nov 2025  14:44

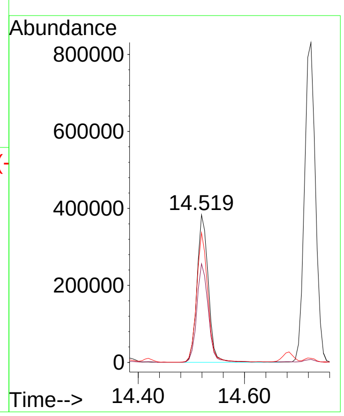
Tgt Ion:168 Resp: 327747
Ion  Ratio  Lower  Upper
168  100
139   36.2   29.7   44.5
169   13.4   11.0   16.4
```






```
#56
4-Nitrophenol
Concen:   43.674 ng
RT:  14.519 min  Scan# 1969
Delta R.T.  -0.000 min
Lab File:   BP026090.D
Acq: 11 Nov 2025  14:44

Tgt Ion:139 Resp:  571265
Ion  Ratio  Lower  Upper
139  100
109   66.9   50.0   90.0
 65   87.9   69.6  109.6
```



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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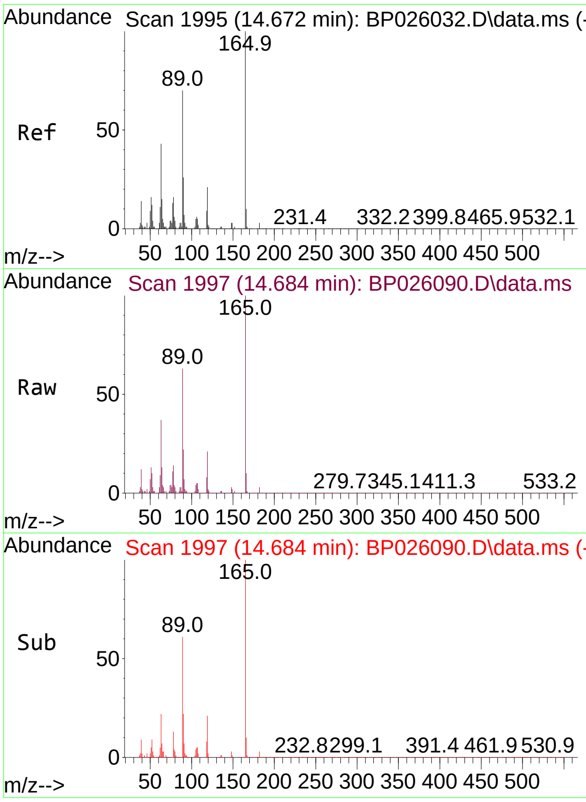
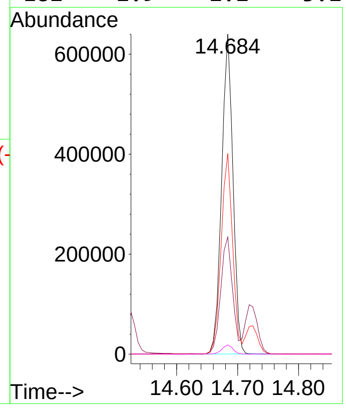
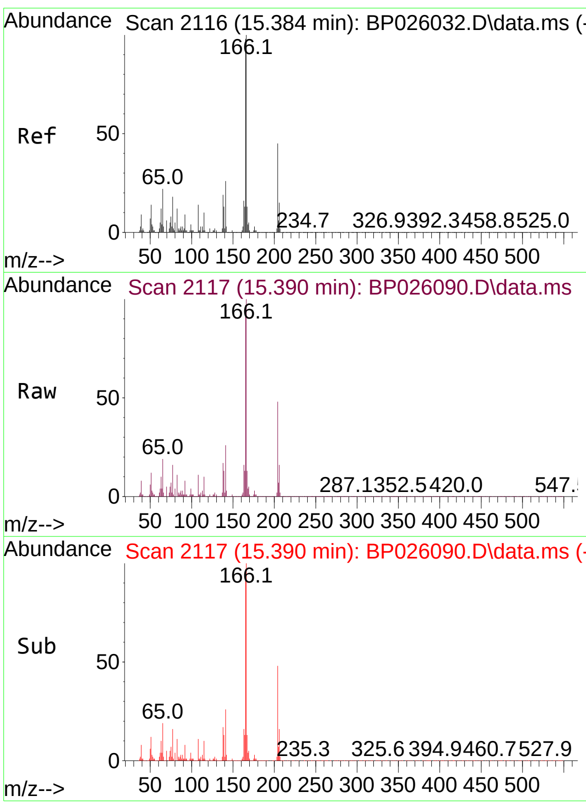


#57
2,4-Dinitrotoluene
Concen: 46.152 ng
RT: 14.684 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:165 Resp: 82810

Ion	Ratio	Lower	Upper
165	100		
63	36.6	34.2	51.2
89	62.7	56.0	84.0
182	2.9	2.2	3.2

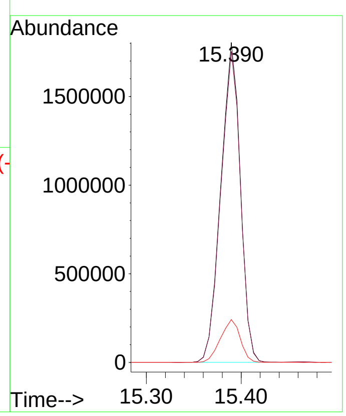




#58
Fluorene
Concen: 40.133 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:166 Resp: 2582379

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.1	117.1
167	13.4	10.6	16.0



Instrument : BNA_P

ClientSampleId : SSTDCCC040

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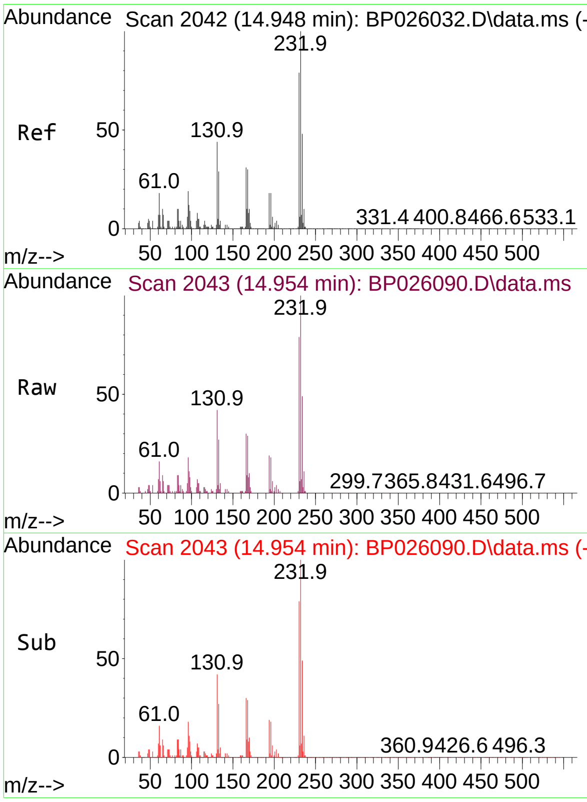
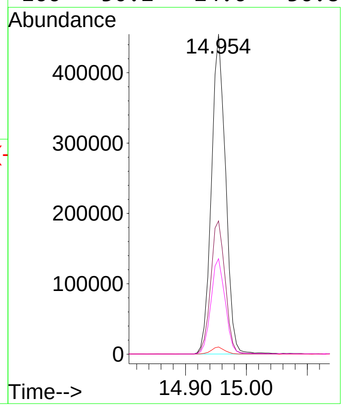
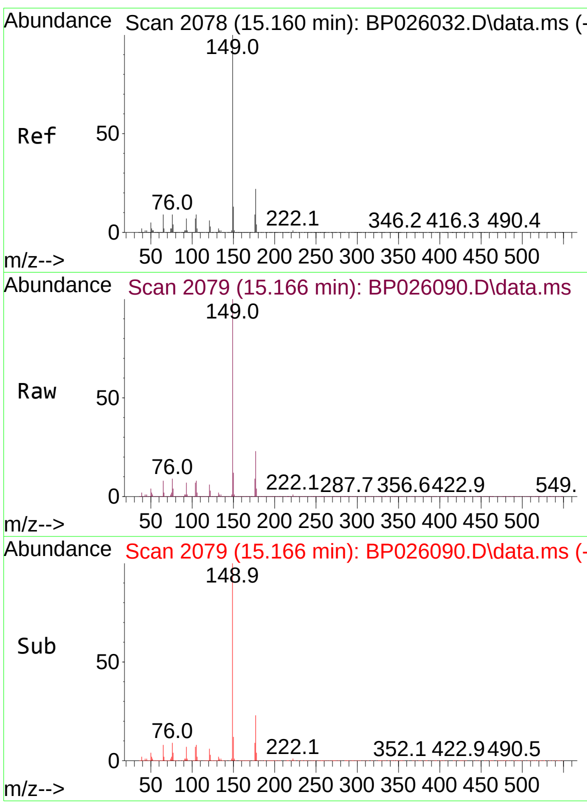



```
#59
2,3,4,6-Tetrachlorophenol
Concen:   49.467 ng
RT:  14.954 min  Scan# 20
Delta R.T.  0.000 min
Lab File:   BP026090.D
Acq: 11 Nov 2025  14:44

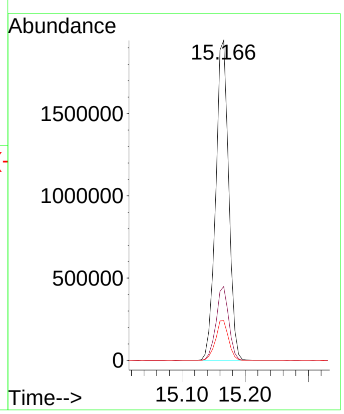
Tgt Ion:232 Resp:  73503
Ion  Ratio  Lower  Upper
232  100
131   42.7   35.2   52.8
130    2.1    1.7    2.5
166   30.2   24.6   36.8
```






```
#60
Diethylphthalate
Concen:   42.006 ng
RT:  15.166 min  Scan# 2079
Delta R.T.  0.000 min
Lab File:   BP026090.D
Acq: 11 Nov 2025  14:44

Tgt Ion:149 Resp: 2770115
Ion  Ratio  Lower  Upper
149  100
177   23.1   17.9   26.9
150   12.4   10.1   15.1
```



Instrument : BNA_P
ClientSampleId : SSTDCCC040

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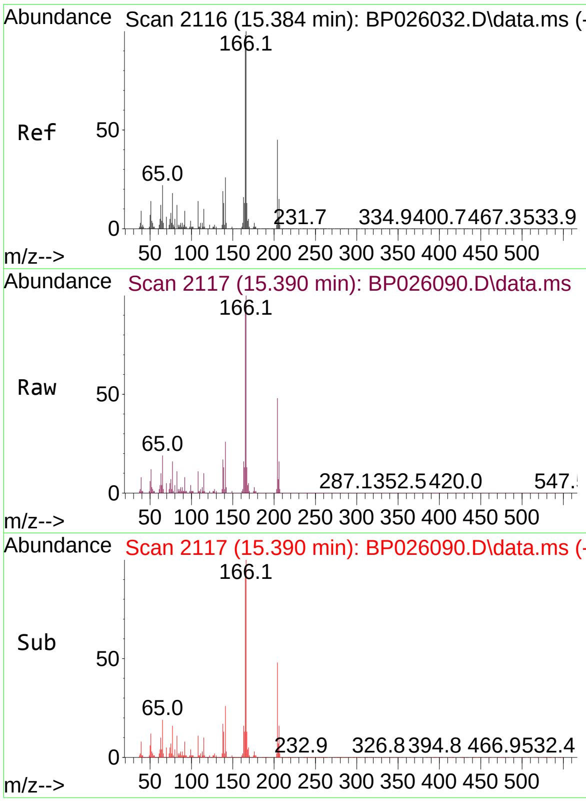
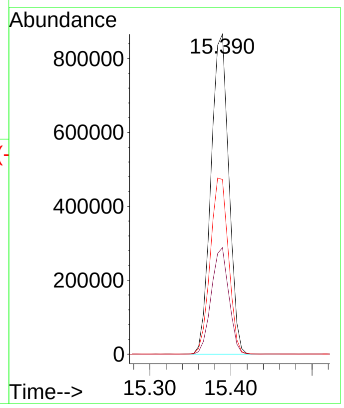
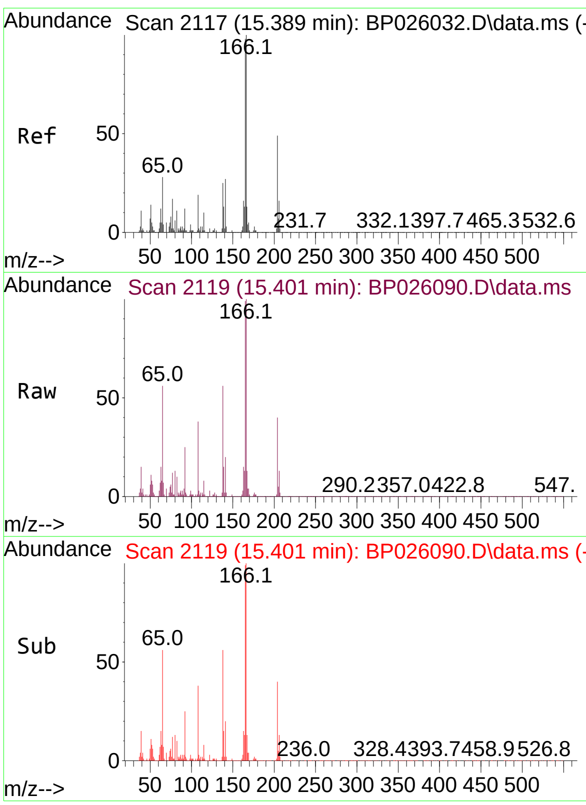


#61
4-Chlorophenyl-phenylether
Concen: 41.194 ng
RT: 15.390 min Scan# 21
Delta R.T. 0.001 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:204 Resp: 1323676

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	54.6	47.0	70.4

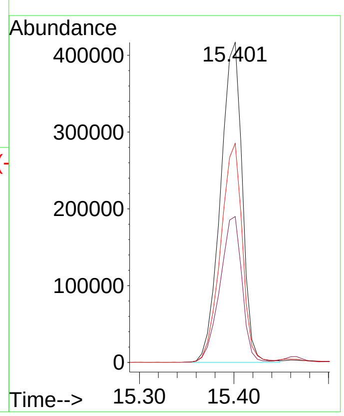


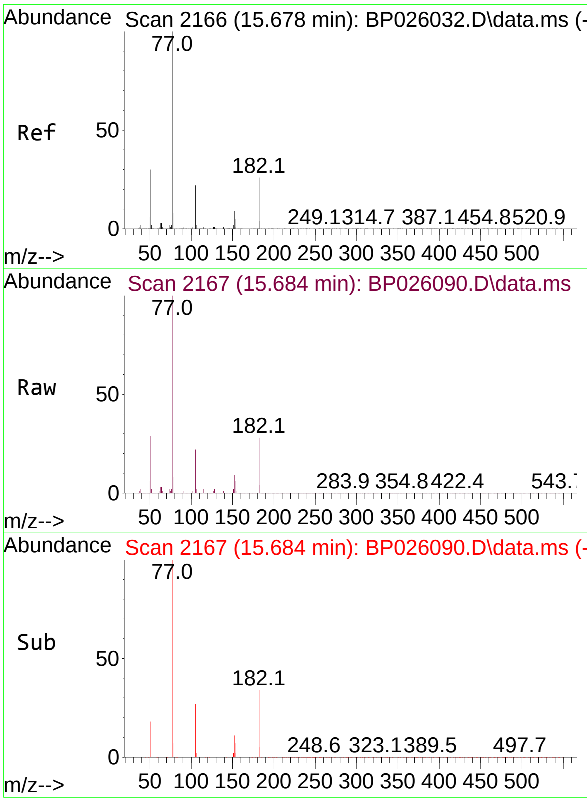


#62
4-Nitroaniline
Concen: 47.592 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:138 Resp: 667090

Ion	Ratio	Lower	Upper
138	100		
92	45.6	28.2	68.2
108	68.4	56.0	96.0

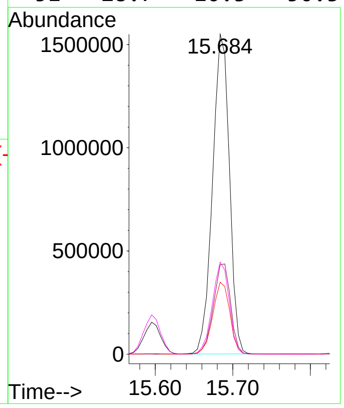




#63
Azobenzene
Concen: 39.349 ng
RT: 15.684 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion: 77 Resp: 2351715

Ion	Ratio	Lower	Upper
77	100		
182	27.9	6.4	46.4
105	22.5	2.2	42.2
51	28.7	10.3	50.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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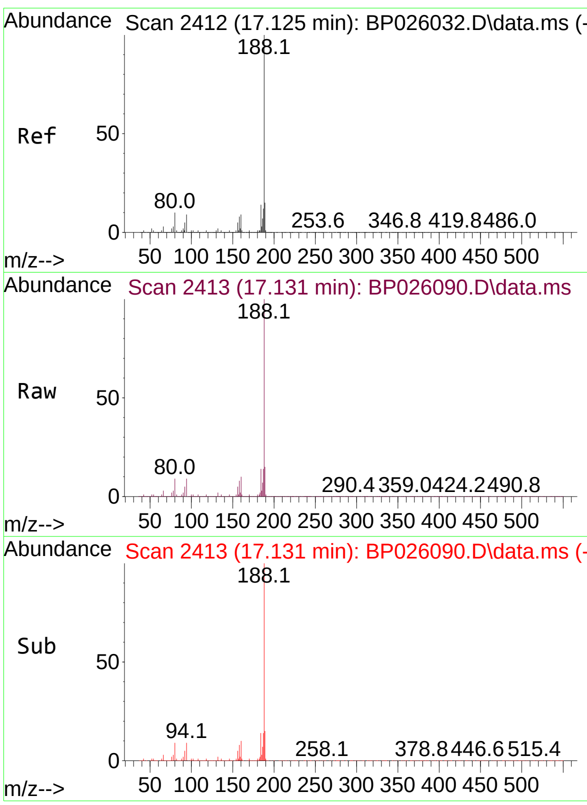
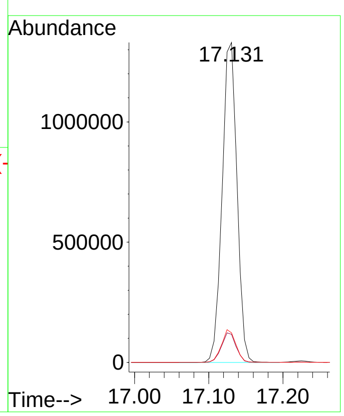


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:188 Resp: 1845193

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	9.2	7.9	11.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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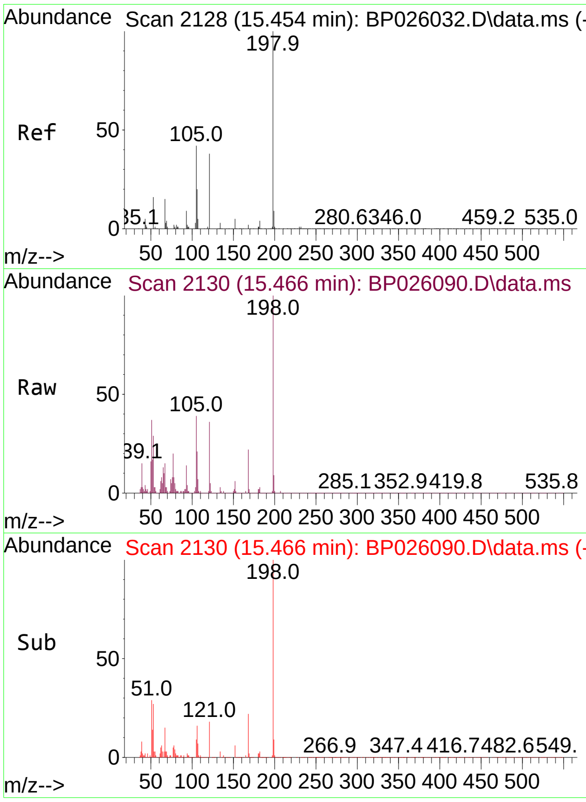
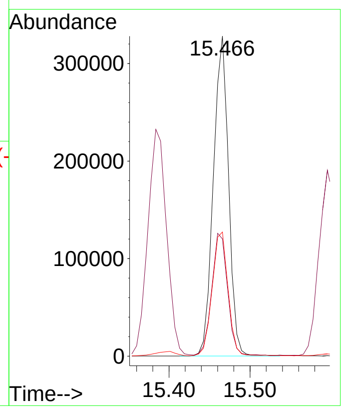
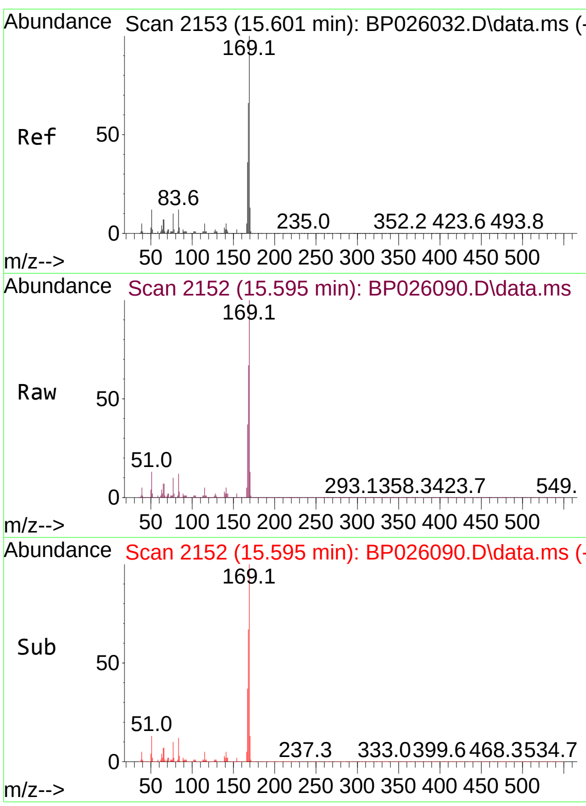


#65
4,6-Dinitro-2-methylphenol
Concen: 54.953 ng
RT: 15.466 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:198 Resp: 42896

Ion	Ratio	Lower	Upper
198	100		
51	36.6	25.2	65.2
105	38.8	23.7	63.7

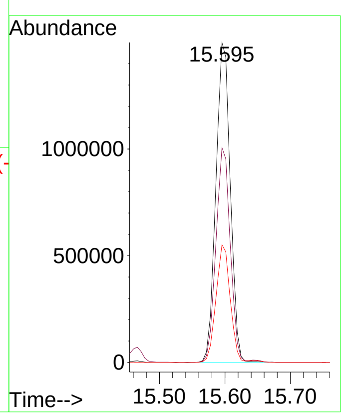


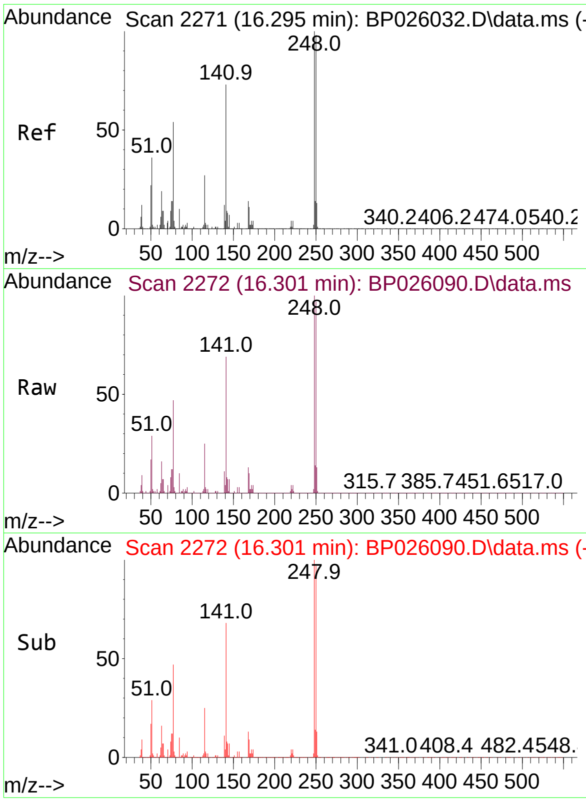


#66
n-Nitrosodiphenylamine
Concen: 39.856 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:169 Resp: 2299364

Ion	Ratio	Lower	Upper
169	100		
168	67.2	52.9	79.3
167	36.8	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 41.941 ng
RT: 16.301 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 858444

Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.4	117.6
141	68.6	58.3	87.5

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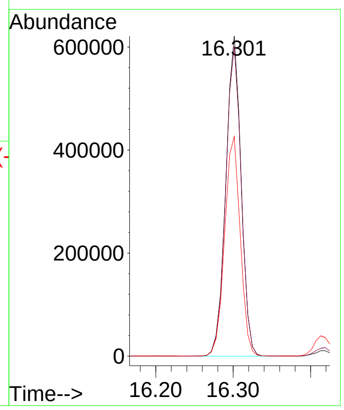
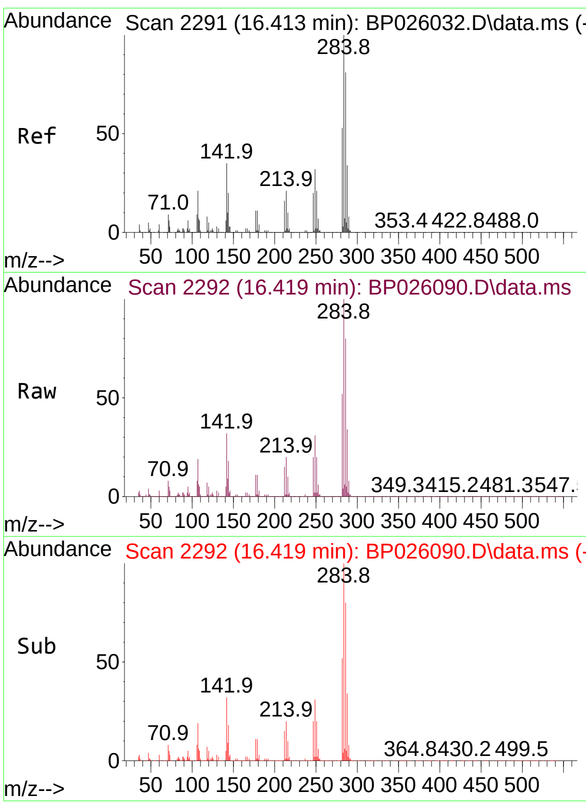
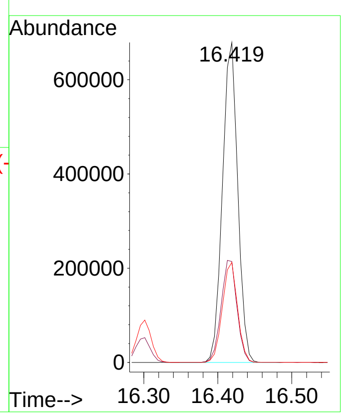


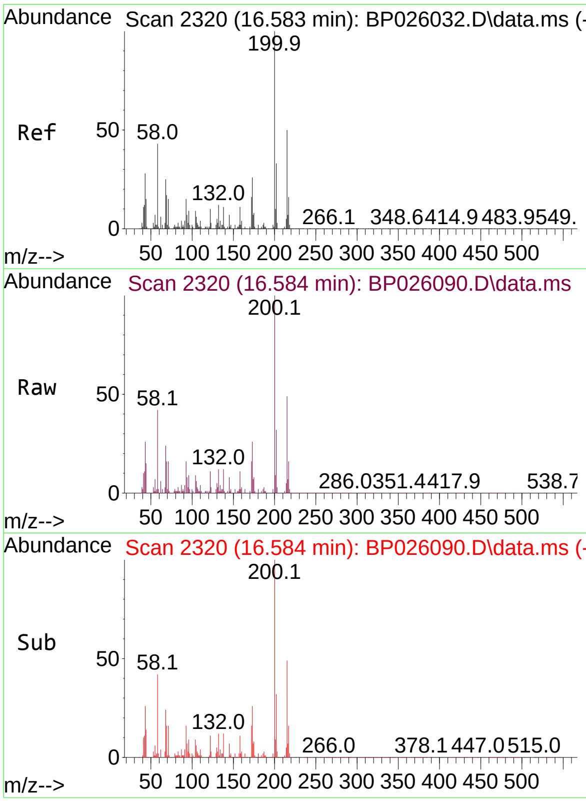


#68
Hexachlorobenzene
Concen: 41.846 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:284 Resp: 975031

Ion	Ratio	Lower	Upper
284	100		
142	31.5	27.7	41.5
249	31.3	25.5	38.3

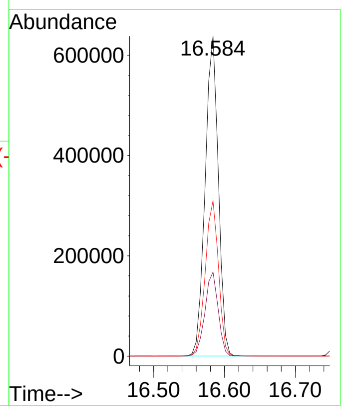




#69
Atrazine
Concen: 42.193 ng
RT: 16.584 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:200 Resp: 821166

Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.2	46.2
215	48.6	29.8	69.8



Instrument :
BNA_P
ClientSampleId :
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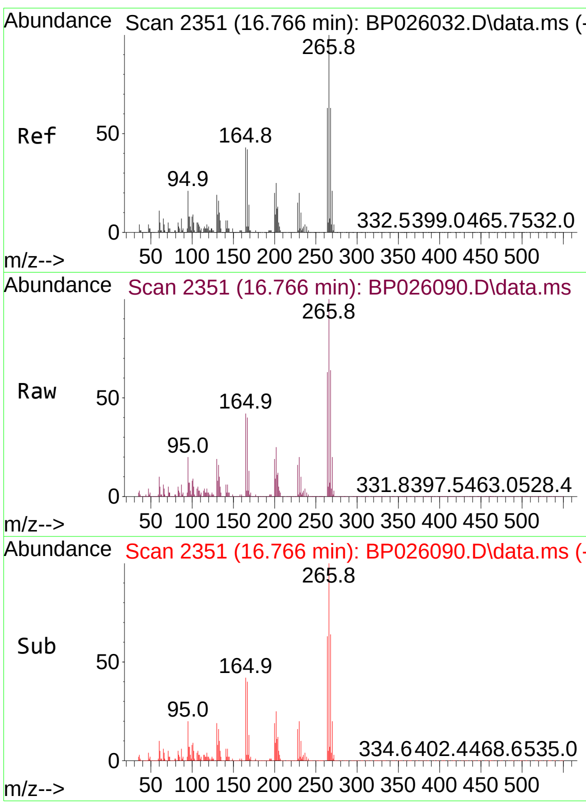
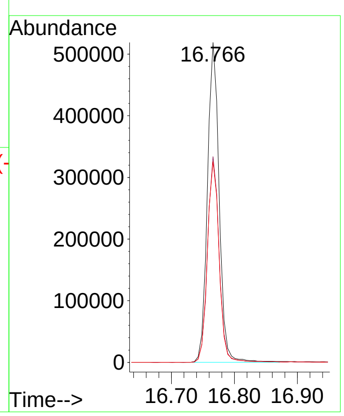


#70
Pentachlorophenol
Concen: 47.080 ng
RT: 16.766 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:266 Resp: 670054

Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.6	76.0
264	62.7	50.2	75.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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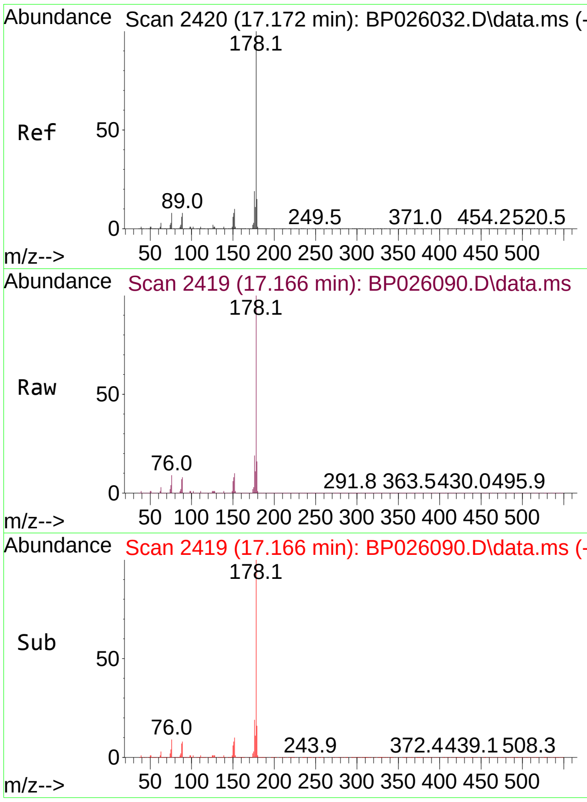
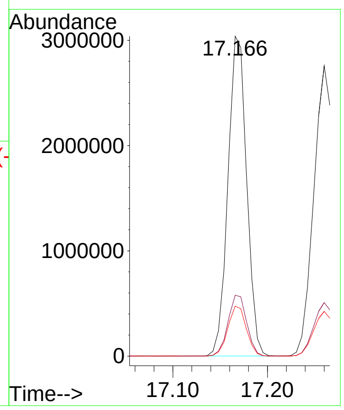
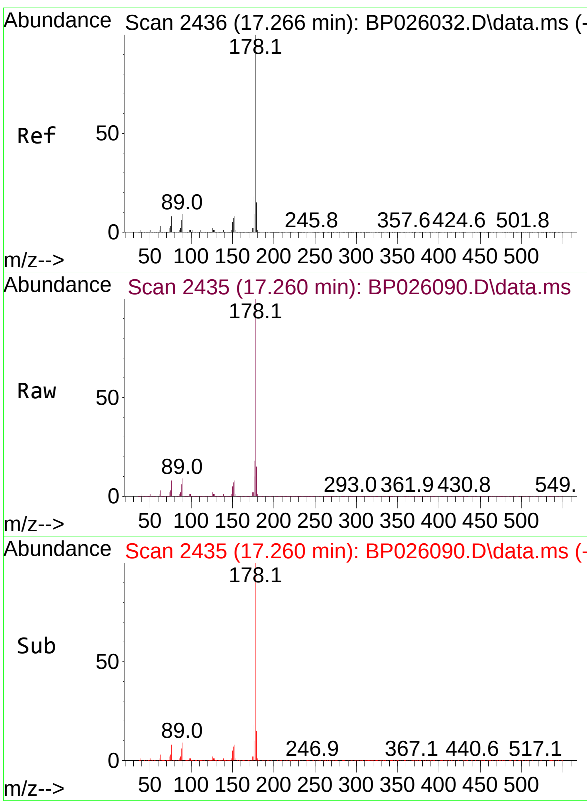



```
#71
Phenanthrene
Concen:   38.926 ng
RT:  17.166 min  Scan# 24
Delta R.T.  -0.006 min
Lab File:   BP026090.D
Acq: 11 Nov 2025  14:44

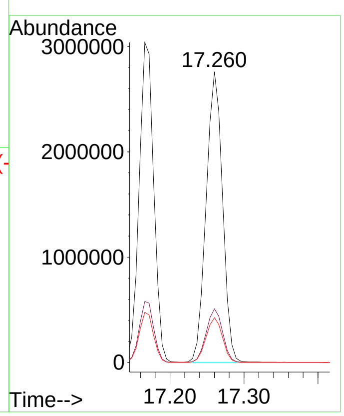
Tgt Ion:178 Resp: 418065
Ion  Ratio  Lower  Upper
178  100
176   19.0   15.3   22.9
179   15.6   12.3   18.5
```

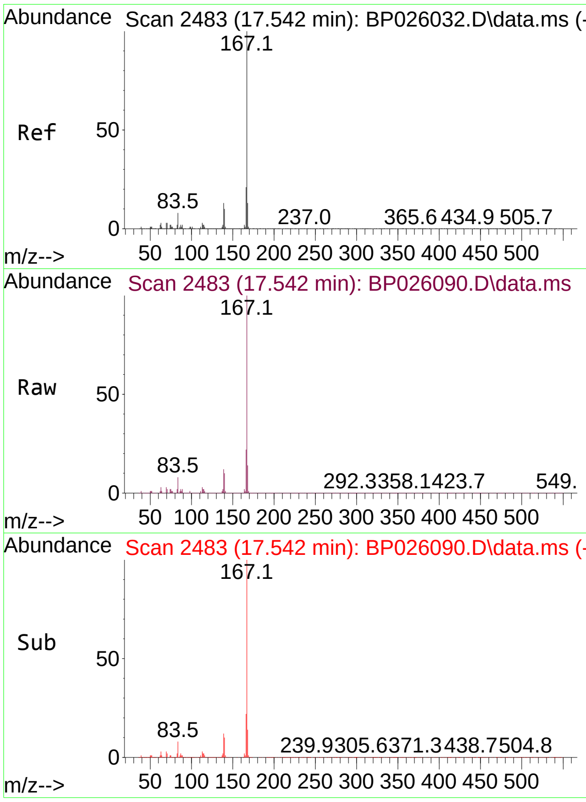





```
#72
Anthracene
Concen:   39.845 ng
RT:  17.260 min  Scan# 2435
Delta R.T.  0.000 min
Lab File:   BP026090.D
Acq: 11 Nov 2025  14:44

Tgt Ion:178 Resp: 4241898
Ion  Ratio  Lower  Upper
178  100
176   18.4   14.8   22.2
179   15.4   12.2   18.4
```





#73
Carbazole
Concen: 40.055 ng
RT: 17.542 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 403659

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	12.5	10.2	15.2

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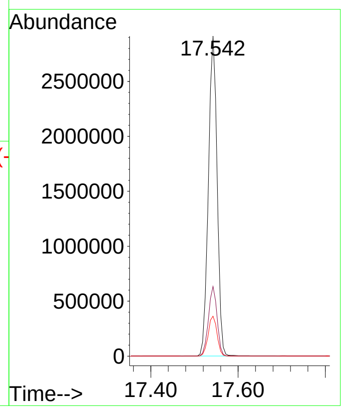
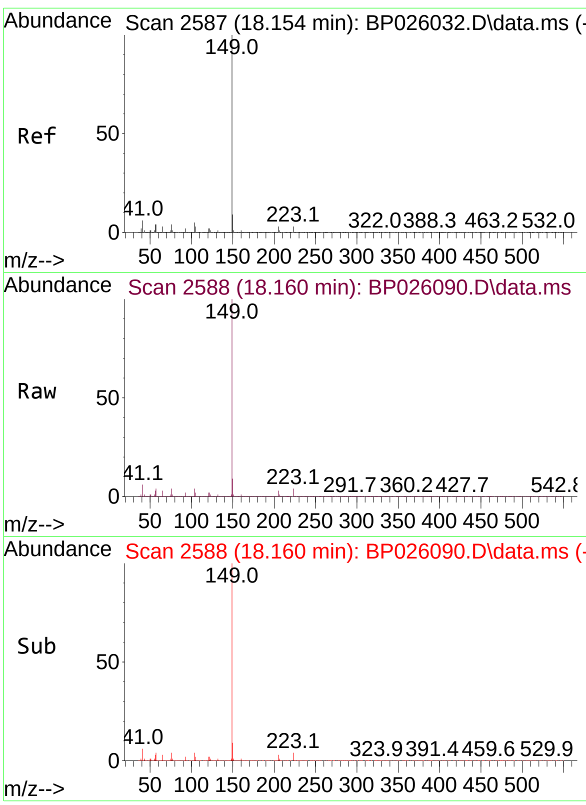
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

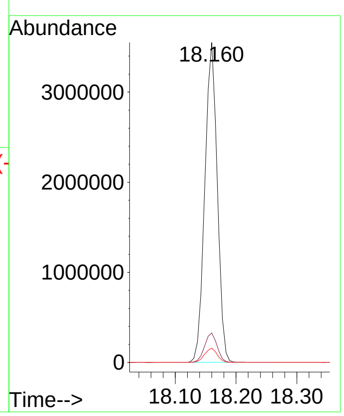




#74
Di-n-butylphthalate
Concen: 44.673 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

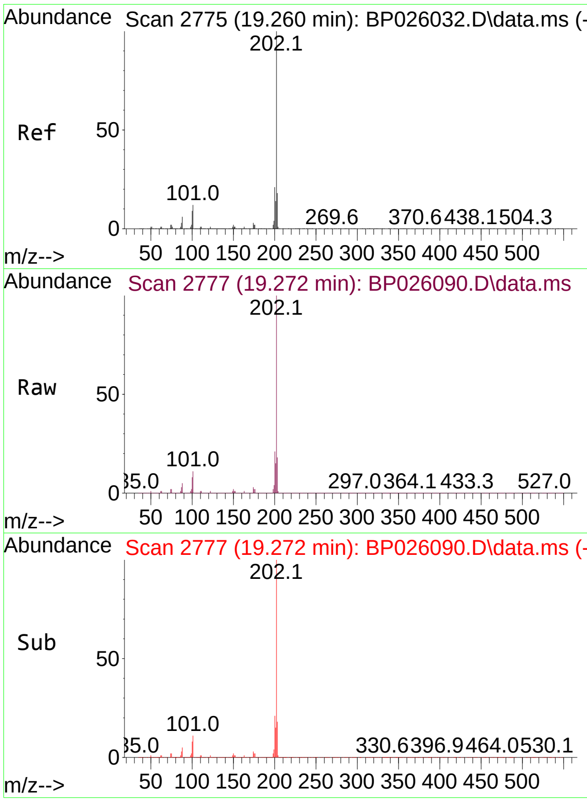
Tgt Ion:149 Resp: 5037535

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.5	3.8	5.6



Instrument : BNA_P
ClientSampleId : SSTDCCC040

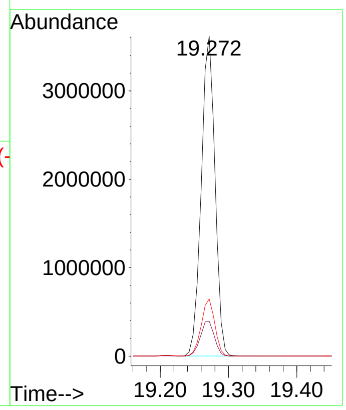
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

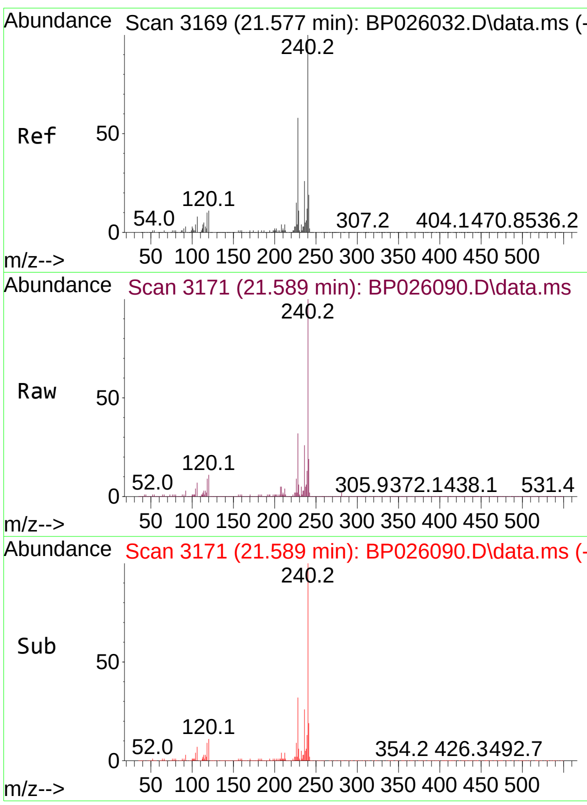


#75
Fluoranthene
Concen: 40.384 ng
RT: 19.272 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:202 Resp: 5059395

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	32.1
203	17.9	0.0	37.6

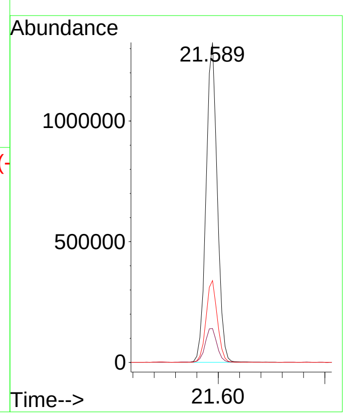




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.024 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:240 Resp: 1927464

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	25.6	20.6	31.0



Sample Results: **BP026090.D**

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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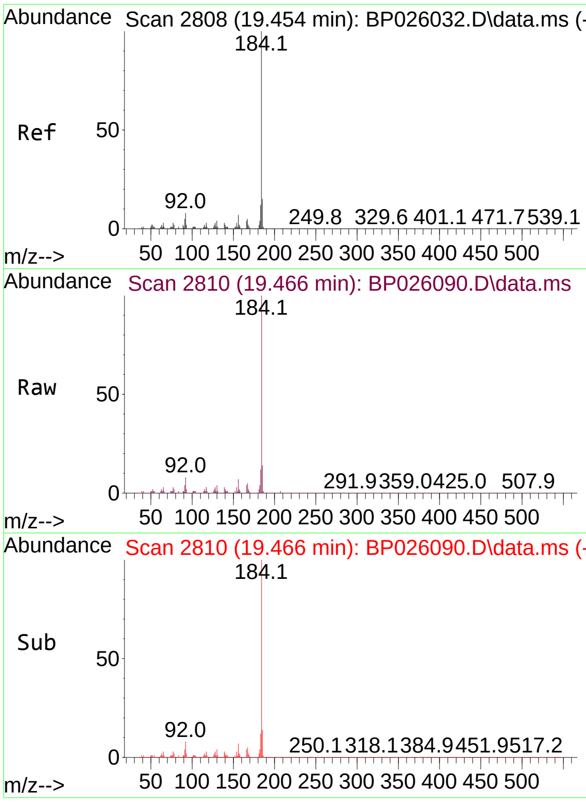
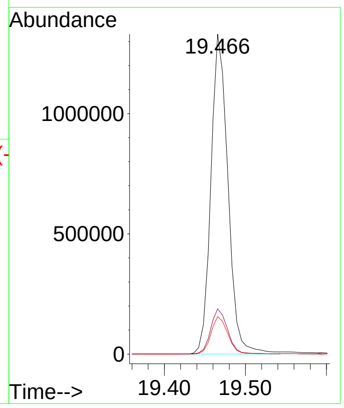
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

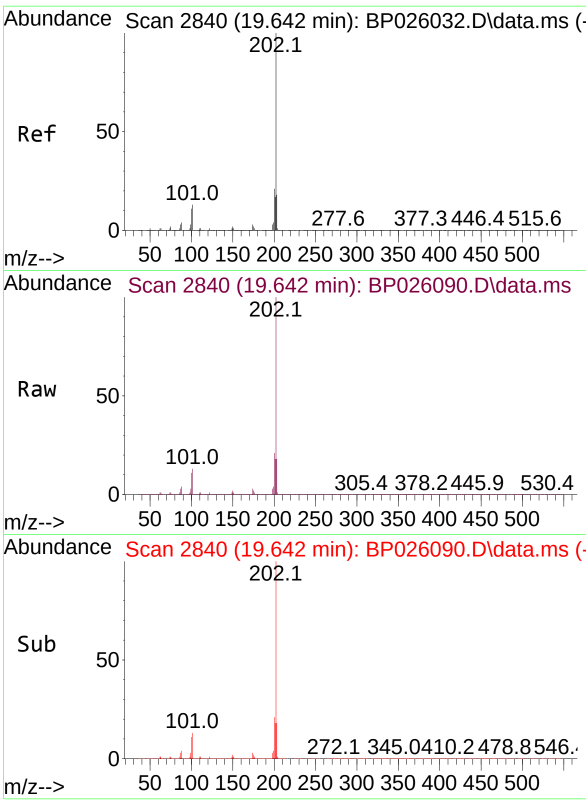


#77
Benzidine
Concen: 39.942 ng
RT: 19.466 min Scan# 28
Delta R.T. 0.012 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:184 Resp: 1954111

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.9	17.9
183	11.7	9.2	13.8

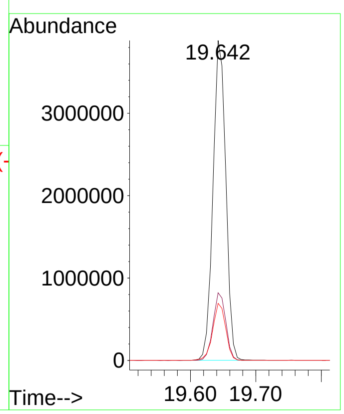




#78
Pyrene
Concen: 40.642 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:202 Resp: 5298247

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.8	14.0	21.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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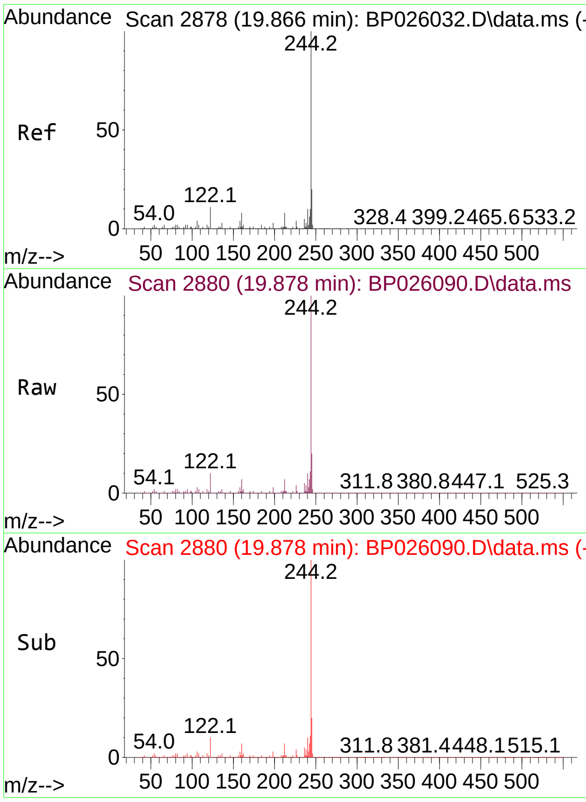
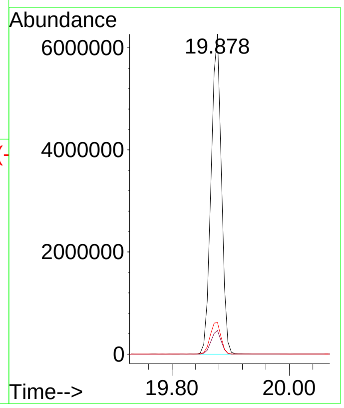
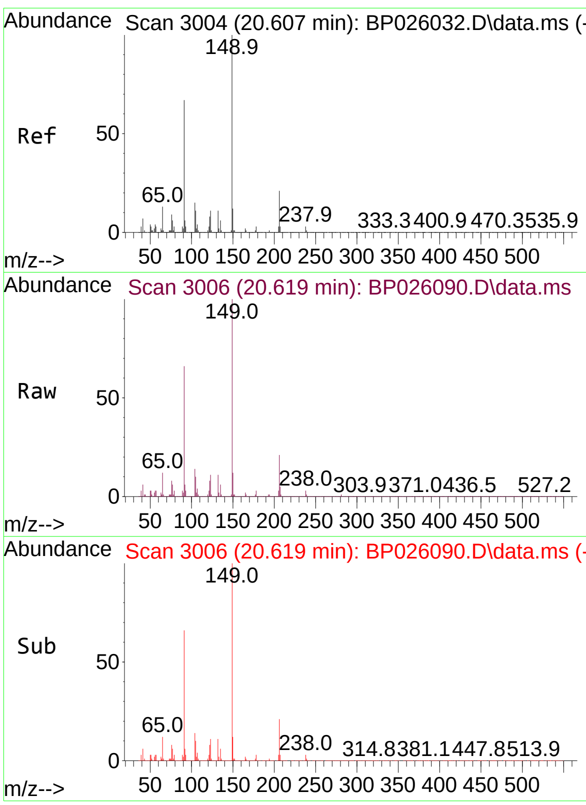
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025




```
#79
Terphenyl-d14
Concen:    80.608 ng
RT:  19.878 min   Scan# 28
Delta R.T.  0.012 min
Lab File:   BP026090.D
Acq: 11 Nov 2025   14:44

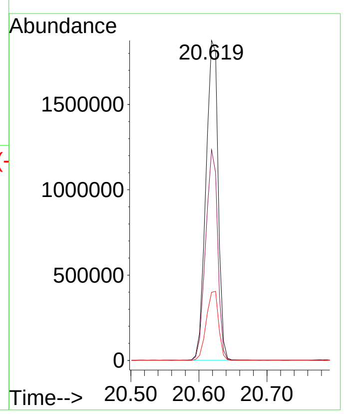
Tgt Ion:244 Resp: 764726
Ion   Ratio   Lower   Upper
244   100
212     7.4     6.0     9.0
122     9.9     9.0    13.6
```






```
#80
Butylbenzylphthalate
Concen:    48.274 ng
RT:  20.619 min   Scan# 3006
Delta R.T.  0.012 min
Lab File:   BP026090.D
Acq: 11 Nov 2025   14:44

Tgt Ion:149 Resp: 2350611
Ion   Ratio   Lower   Upper
149   100
 91    65.8    53.5    80.3
206    21.3    16.6    25.0
```



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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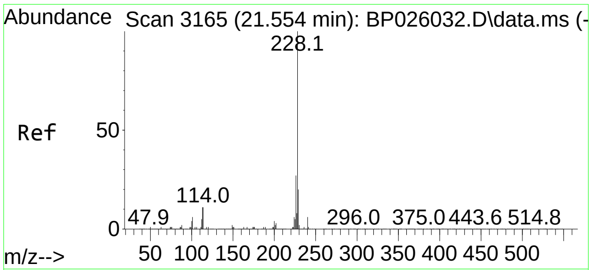
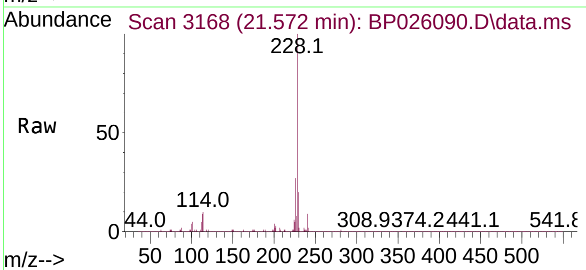
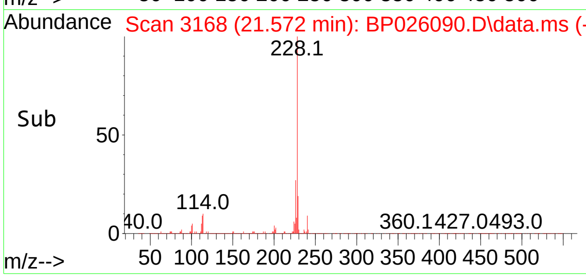
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



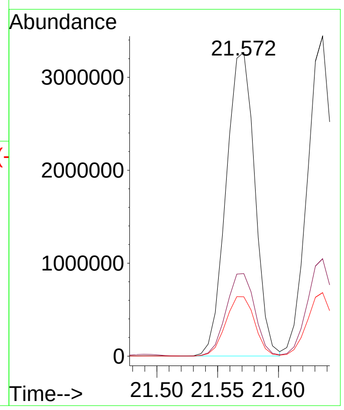


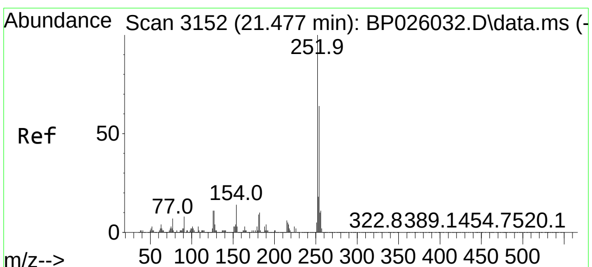


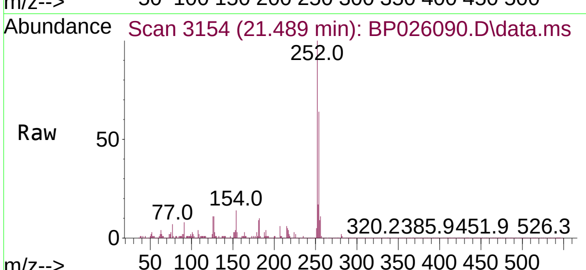
#81
Benzo(a)anthracene
Concen: 40.521 ng
RT: 21.572 min Scan# 31
Delta R.T. 0.024 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

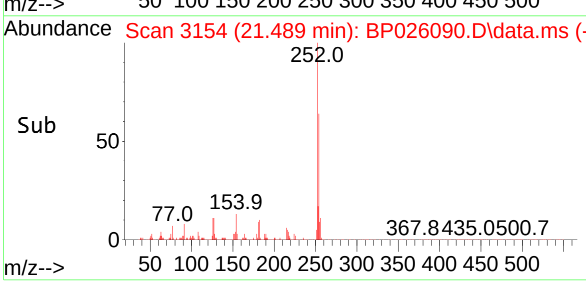
Tgt Ion:228 Resp: 536700

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	19.5	15.8	23.8





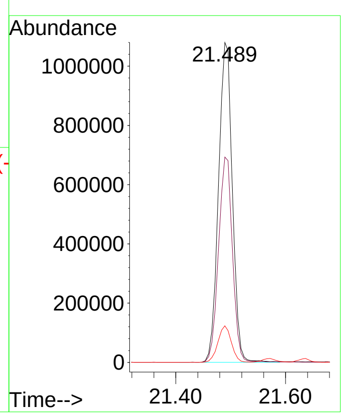


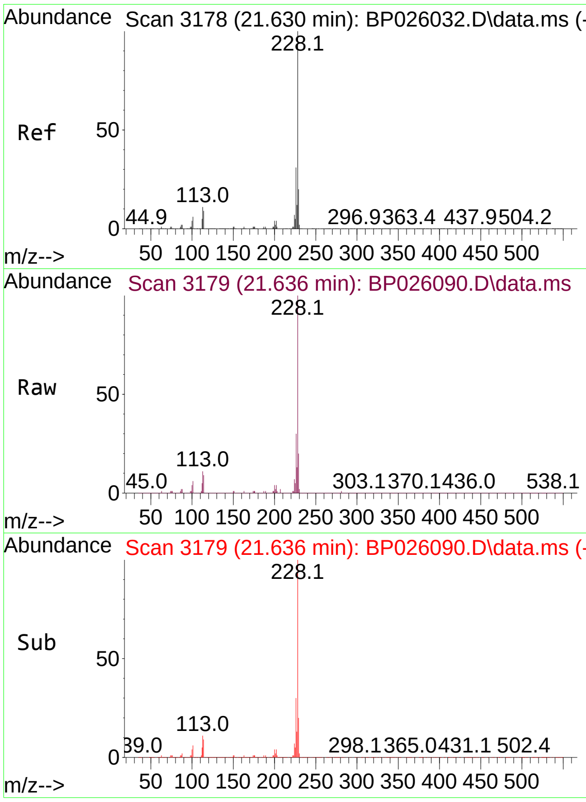


#82
3,3'-Dichlorobenzidine
Concen: 44.380 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.012 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:252 Resp: 1893927

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.3	76.9
126	11.4	9.1	13.7





#83
Chrysene
Concen: 40.037 ng
RT: 21.636 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 502331

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.8	16.0	24.0

Manual Integrations
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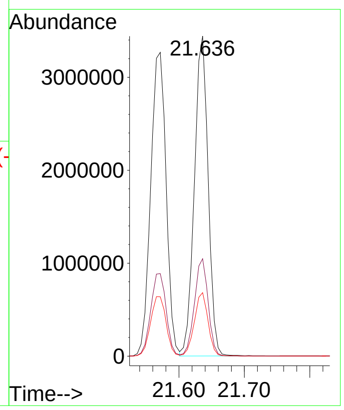
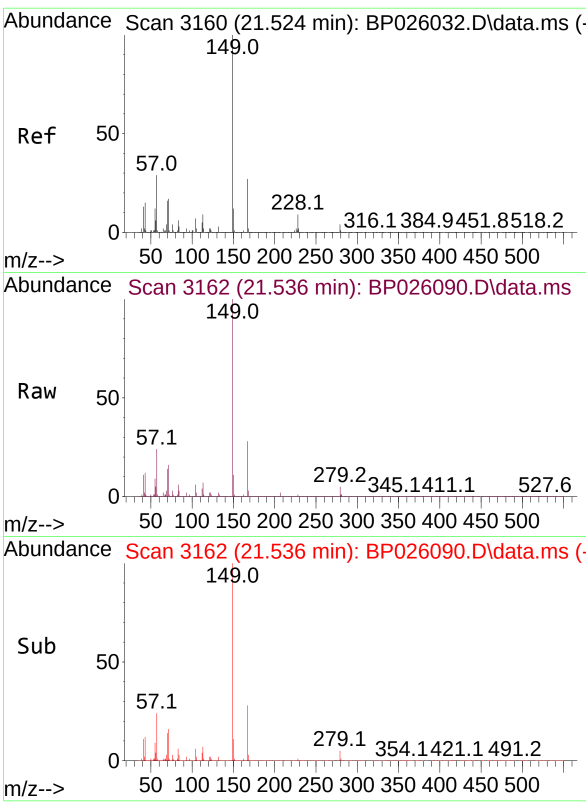
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

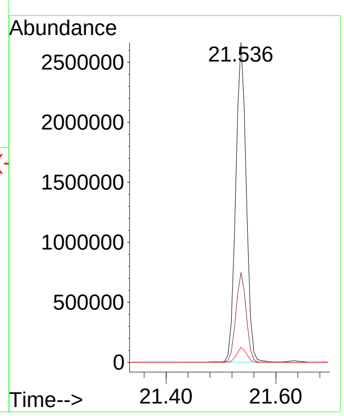


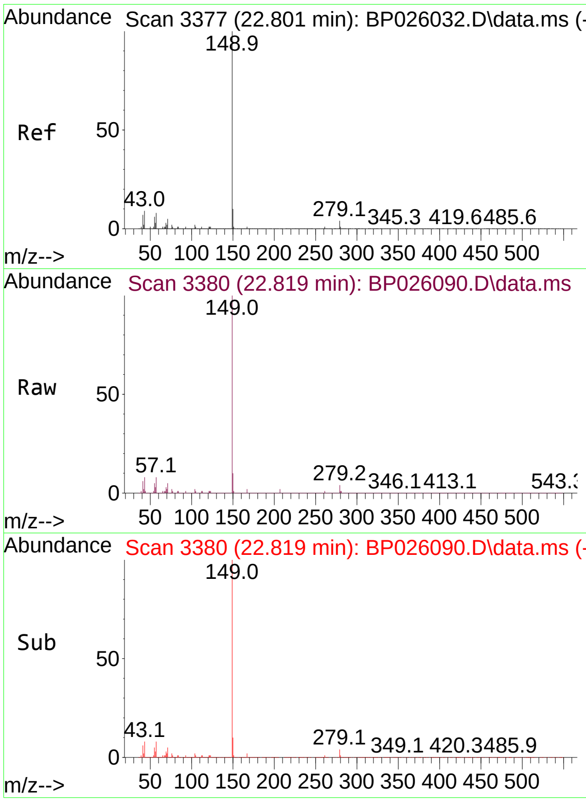


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.553 ng
RT: 21.536 min Scan# 3162
Delta R.T. 0.018 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:149 Resp: 3527668

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.5	32.3
279	4.7	3.0	4.6#

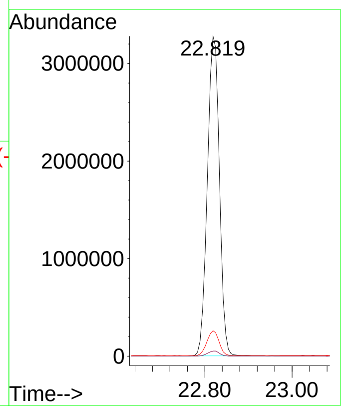




#85
Di-n-octyl phthalate
Concen: 54.501 ng
RT: 22.819 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:149 Resp: 625341

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.8	7.6	11.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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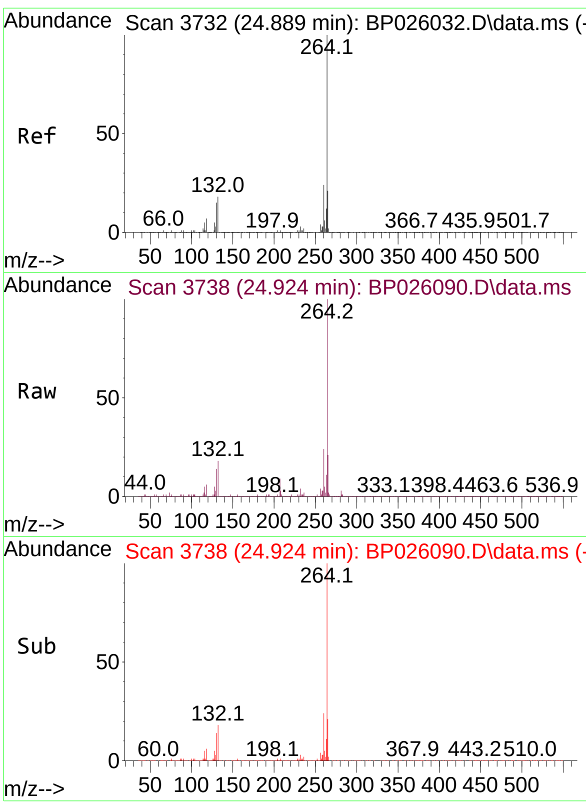
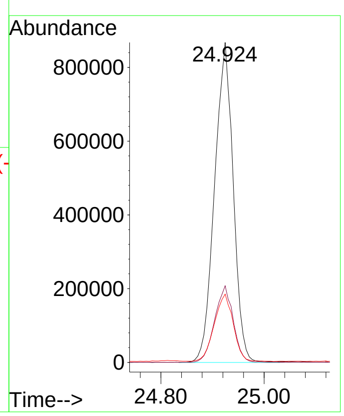
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3738
Delta R.T. 0.041 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:264 Resp: 2191179

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.3	17.2	25.8



Sample Results: **BP026090.D**

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 11/12/2025
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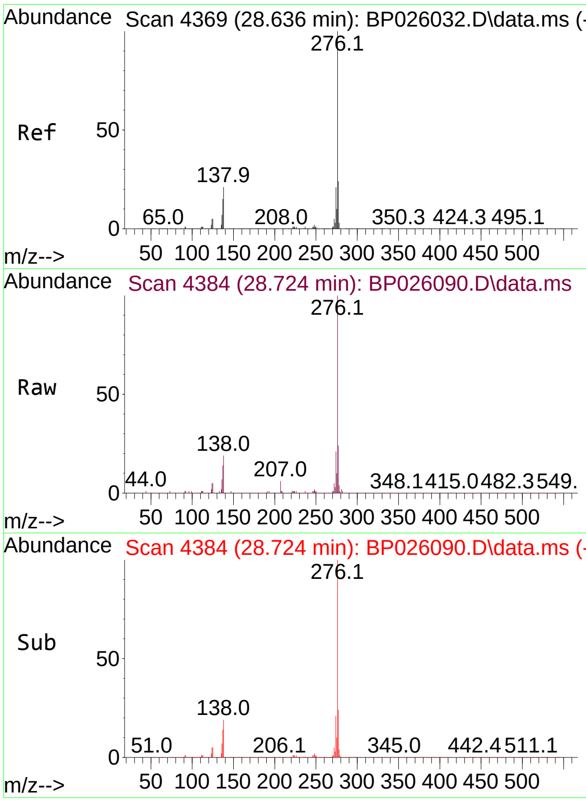
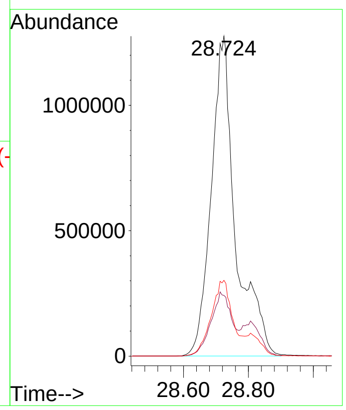
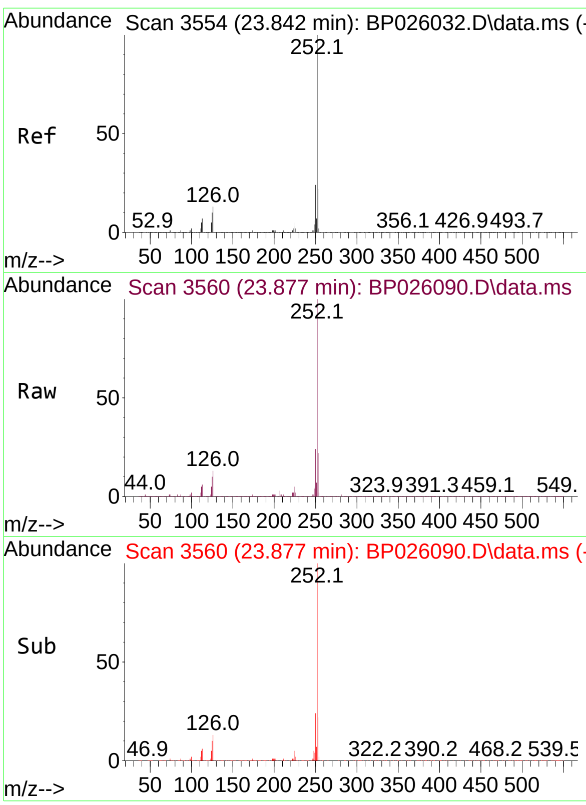


#87
Indeno(1,2,3-cd)pyrene
Concen: 41.124 ng m
RT: 28.724 min Scan# 4
Delta R.T. 0.065 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:276 Resp: 665259

Ion	Ratio	Lower	Upper
276	100		
138	17.3	13.2	19.8
277	21.1	16.3	24.5

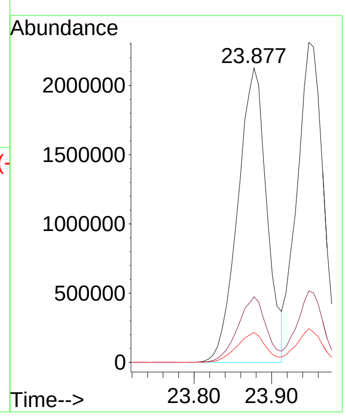




#88
Benzo(b)fluoranthene
Concen: 40.625 ng
RT: 23.877 min Scan# 3560
Delta R.T. 0.030 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:252 Resp: 5526088

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.1	8.1	12.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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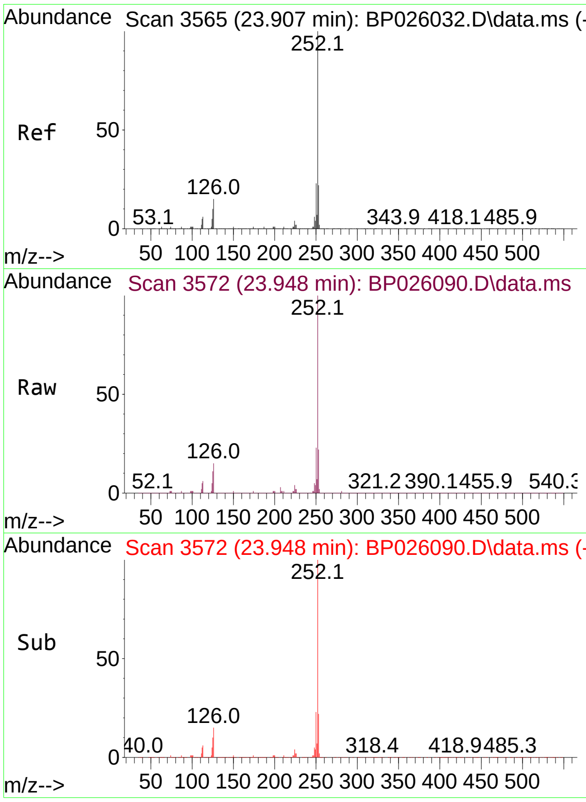
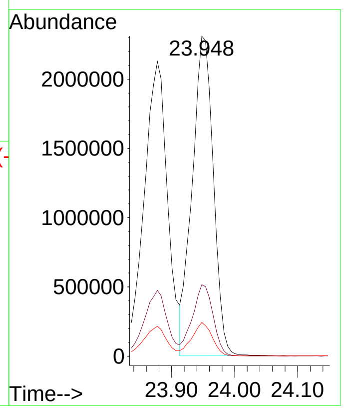
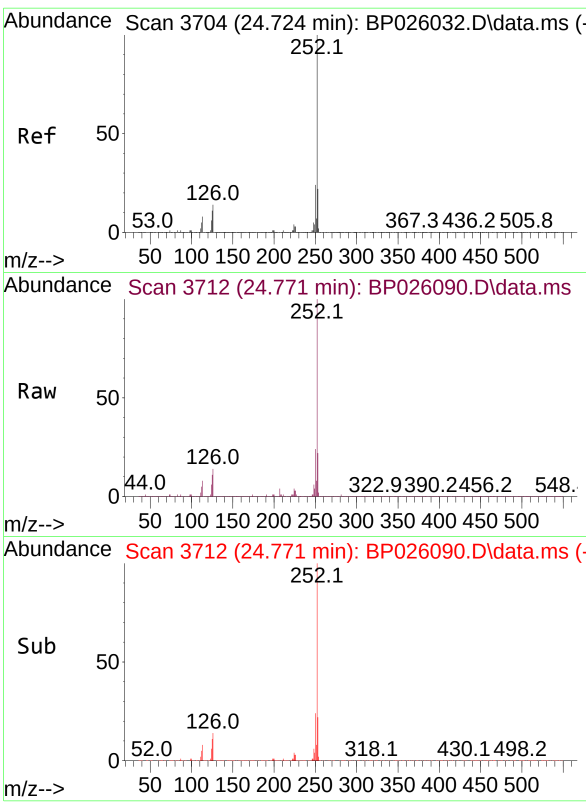



```
#89
Benzo(k)fluoranthene
Concen:   38.853 ng
RT:  23.948 min  Scan# 3
Delta R.T.  0.024 min
Lab File:   BP026090.D
Acq: 11 Nov 2025  14:44

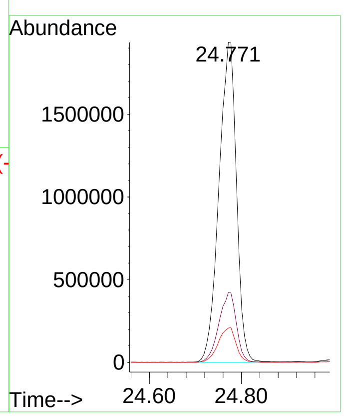
Tgt Ion:252 Resp: 539693
Ion  Ratio  Lower  Upper
252  100
253   22.3   17.5   26.3
125   10.5    8.1   12.1
```






```
#90
Benzo(a)pyrene
Concen:   41.114 ng
RT:  24.771 min  Scan# 3712
Delta R.T.  0.030 min
Lab File:   BP026090.D
Acq: 11 Nov 2025  14:44

Tgt Ion:252 Resp: 5137911
Ion  Ratio  Lower  Upper
252  100
253   21.8   17.3   25.9
125   10.7    9.1   13.7
```



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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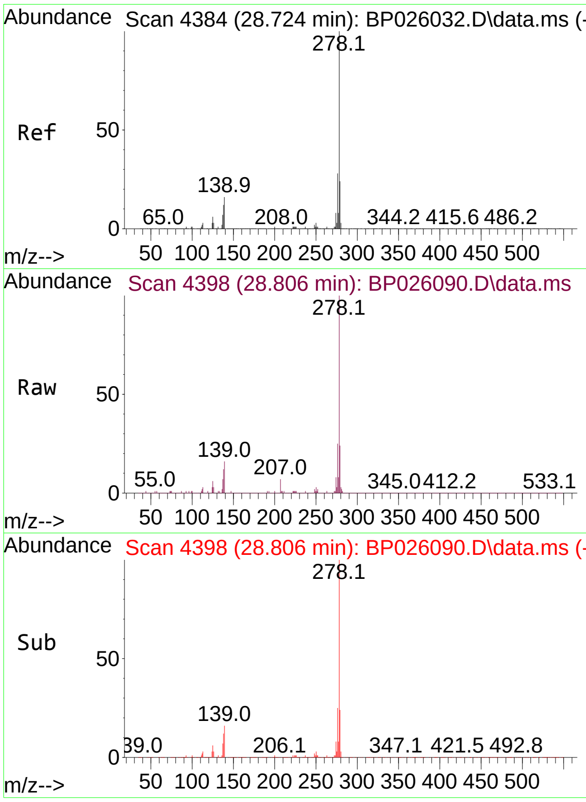
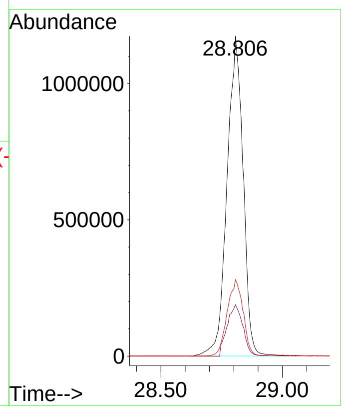
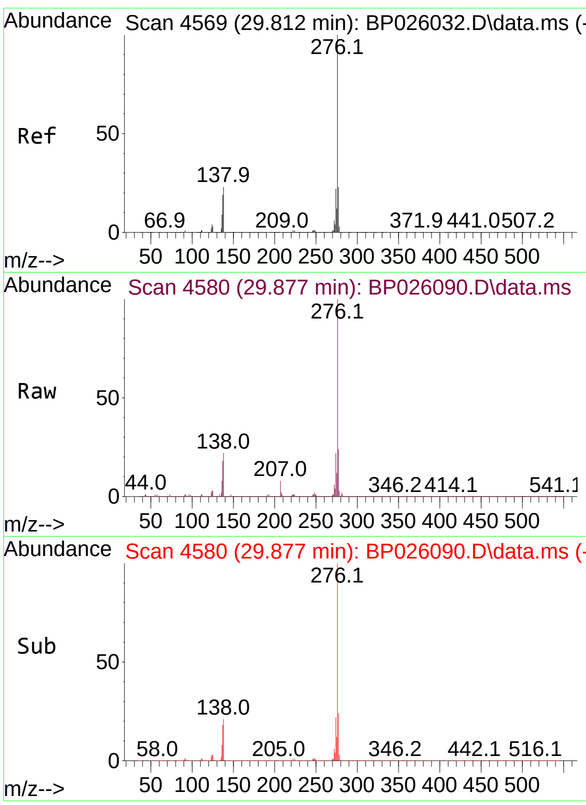


#91
Dibenzo(a,h)anthracene
Concen: 41.071 ng
RT: 28.806 min Scan# 4
Delta R.T. 0.059 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:278 Resp: 540684

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.0	19.6
279	23.9	18.9	28.3

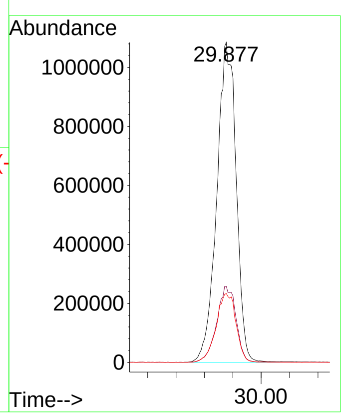




#92
Benzo(g,h,i)perylene
Concen: 40.672 ng
RT: 29.877 min Scan# 4580
Delta R.T. 0.047 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:276 Resp: 5152380

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	21.5	18.1	27.1



Evaluate Continuing Calibration Report

Sample Results: **BP026090.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026090.D
Acq On : 11 Nov 2025 14:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Nov 11 15:19:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 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	116	-0.01
2		1,4-Dioxane	40.000	39.788	0.5	115	0.00
3		Pyridine	40.000	39.962	0.1	114	0.00
4		n-Nitrosodimethylamine	40.000	36.995	7.5	107	0.00
5	S	2-Fluorophenol	80.000	83.411	-4.3	118	0.00
6		Aniline	40.000	40.106	-0.3	114	-0.01
7	S	Phenol-d6	80.000	83.718	-4.6	117	0.00
8		2-Chlorophenol	40.000	43.173	-7.9	120	0.00
9		Benzaldehyde	40.000	36.459	8.9	105	0.00
10	C	Phenol	40.000	40.774	-1.9	115	0.00
11		bis(2-Chloroethyl)ether	40.000	40.404	-1.0	116	-0.01
12		1,3-Dichlorobenzene	40.000	40.467	-1.2	115	-0.01
13	C	1,4-Dichlorobenzene	40.000	40.196	-0.5	115	-0.01
14		1,2-Dichlorobenzene	40.000	40.812	-2.0	117	0.00
15		Benzyl Alcohol	40.000	42.108	-5.3	120	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.391	6.5	106	0.00
17		2-Methylphenol	40.000	41.770	-4.4	116	0.00
18		Hexachloroethane	40.000	42.683	-6.7	120	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.727	-4.3	113	-0.01
20		3+4-Methylphenols	40.000	41.687	-4.2	117	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	116	0.00
22		Acetophenone	40.000	40.108	-0.3	113	-0.01
23	S	Nitrobenzene-d5	80.000	87.348	-9.2	120	-0.01
24		Nitrobenzene	40.000	42.386	-6.0	116	-0.01
25		Isophorone	40.000	41.345	-3.4	114	0.00
26	C	2-Nitrophenol	40.000	58.796	-47.0#	168	0.00
27		2,4-Dimethylphenol	40.000	41.613	-4.0	115	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.126	-2.8	115	0.00
29	C	2,4-Dichlorophenol	40.000	44.657	-11.6	120	0.00
30		1,2,4-Trichlorobenzene	40.000	41.249	-3.1	116	0.00
31		Naphthalene	40.000	40.360	-0.9	114	0.00
32		Benzoic acid	40.000	54.588	-36.5#	173	-0.02
33		4-Chloroaniline	40.000	41.010	-2.5	114	0.00
34	C	Hexachlorobutadiene	40.000	42.335	-5.8	119	0.00
35		Caprolactam	40.000	43.839	-9.6	120	0.00
36	C	4-Chloro-3-methylphenol	40.000	44.198	-10.5	118	0.00
37		2-Methylnaphthalene	40.000	40.916	-2.3	114	0.00
38		1-Methylnaphthalene	40.000	41.153	-2.9	115	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	118	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	41.090	-2.7	119	0.00
41	P	Hexachlorocyclopentadiene	40.000	50.481	-26.2#	143	0.00
42	S	2,4,6-Tribromophenol	80.000	98.171	-22.7	132	0.00
43	C	2,4,6-Trichlorophenol	40.000	47.235	-18.1	127	0.00
44		2,4,5-Trichlorophenol	40.000	45.287	-13.2	123	0.00
45	S	2-Fluorobiphenyl	80.000	79.332	0.8	115	0.00
46		1,1'-Biphenyl	40.000	39.810	0.5	115	0.00
47		2-Chloronaphthalene	40.000	40.123	-0.3	116	0.00

Evaluate Continuing Calibration Report

Sample Results: **BP026090.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026090.D
Acq On : 11 Nov 2025 14:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Nov 11 15:19:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 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	43.326	-8.3	130	0.00
49	Acenaphthylene	40.000	40.165	-0.4	114	0.00
50	Dimethylphthalate	40.000	42.043	-5.1	119	0.00
51	2,6-Dinitrotoluene	40.000	45.776	-14.4	139	0.00
52 C	Acenaphthene	40.000	39.144	2.1	111	0.00
53	3-Nitroaniline	40.000	44.027	-10.1	131	0.00
54 P	2,4-Dinitrophenol	40.000	57.180	-43.0#	188	0.00
55	Dibenzofuran	40.000	39.905	0.2	115	0.00
56 P	4-Nitrophenol	40.000	43.674	-9.2	131	0.00
57	2,4-Dinitrotoluene	40.000	46.152	-15.4	138	0.00
58	Fluorene	40.000	40.133	-0.3	117	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	49.467	-23.7	132	0.00
60	Diethylphthalate	40.000	42.006	-5.0	117	0.00
61	4-Chlorophenyl-phenylether	40.000	41.194	-3.0	119	0.00
62	4-Nitroaniline	40.000	47.592	-19.0	128	0.00
63	Azobenzene	40.000	39.349	1.6	112	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	119	0.00
65	4,6-Dinitro-2-methylphenol	40.000	54.953	-37.4#	180	0.01
66 c	n-Nitrosodiphenylamine	40.000	39.856	0.4	114	0.00
67	4-Bromophenyl-phenylether	40.000	41.941	-4.9	121	0.00
68	Hexachlorobenzene	40.000	41.846	-4.6	122	0.00
69	Atrazine	40.000	42.193	-5.5	121	0.00
70 C	Pentachlorophenol	40.000	47.080	-17.7	134	0.00
71	Phenanthrene	40.000	38.926	2.7	113	0.00
72	Anthracene	40.000	39.845	0.4	116	0.00
73	Carbazole	40.000	40.055	-0.1	115	0.00
74	Di-n-butylphthalate	40.000	44.673	-11.7	121	0.00
75 C	Fluoranthene	40.000	40.384	-1.0	115	0.01
76 I	Chrysene-d12	20.000	20.000	0.0	117	0.02
77	Benzidine	40.000	39.942	0.1	115	0.01
78	Pyrene	40.000	40.642	-1.6	113	0.00
79 S	Terphenyl-d14	80.000	80.608	-0.8	115	0.01
80	Butylbenzylphthalate	40.000	48.274	-20.7	144	0.01
81	Benzo(a)anthracene	40.000	40.521	-1.3	115	0.02
82	3,3'-Dichlorobenzidine	40.000	44.380	-11.0	125	0.01
83	Chrysene	40.000	40.037	-0.1	113	0.02
84	Bis(2-ethylhexyl)phthalate	40.000	45.553	-13.9	129	0.02
85 c	Di-n-octyl phthalate	40.000	54.501	-36.3#	148	0.02
86 I	Perylene-d12	20.000	20.000	0.0	124	0.04
87	Indeno(1,2,3-cd)pyrene	40.000	41.124	-2.8	121	0.06
88	Benzo(b)fluoranthene	40.000	40.625	-1.6	120	0.03
89	Benzo(k)fluoranthene	40.000	38.853	2.9	115	0.02
90 C	Benzo(a)pyrene	40.000	41.114	-2.8	121	0.03
91	Dibenzo(a,h)anthracene	40.000	41.071	-2.7	121	0.06
92	Benzo(g,h,i)perylene	40.000	40.672	-1.7	121	0.05

Sample Results: **BP026090.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026090.D
Acq On    : 11 Nov 2025  14:44
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Nov 11 15:19:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration
```

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

```
Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%

       Compound                      Amount  Calc.     %Dev Area% Dev(min)
-------------------------------------------------------------------------

  (#) = Out of Range               SPCC's out = 0  CCC's out = 2
```

Sample Results: **BP026090.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026090.D
Acq On : 11 Nov 2025 14:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Nov 11 15:19:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 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	116	-0.01
2		1,4-Dioxane	0.511	0.508	0.6	115	0.00
3		Pyridine	1.453	1.451	0.1	114	0.00
4		n-Nitrosodimethylamine	0.582	0.538	7.6	107	0.00
5	S	2-Fluorophenol	1.212	1.264	-4.3	118	0.00
6		Aniline	2.059	2.064	-0.2	114	-0.01
7	S	Phenol-d6	1.543	1.614	-4.6	117	0.00
8		2-Chlorophenol	1.342	1.449	-8.0	120	0.00
9		Benzaldehyde	0.802	0.731	8.9	105	0.00
10	C	Phenol	1.713	1.746	-1.9	115	0.00
11		bis(2-Chloroethyl)ether	1.352	1.365	-1.0	116	-0.01
12		1,3-Dichlorobenzene	1.541	1.559	-1.2	115	-0.01
13	C	1,4-Dichlorobenzene	1.558	1.566	-0.5	115	-0.01
14		1,2-Dichlorobenzene	1.487	1.517	-2.0	117	0.00
15		Benzyl Alcohol	1.112	1.171	-5.3	120	0.00
16		2,2'-oxybis(1-Chloropropane	2.043	1.910	6.5	106	0.00
17		2-Methylphenol	1.121	1.171	-4.5	116	0.00
18		Hexachloroethane	0.533	0.569	-6.8	120	0.00
19	P	n-Nitroso-di-n-propylamine	0.958	0.999	-4.3	113	-0.01
20		3+4-Methylphenols	1.560	1.626	-4.2	117	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	116	0.00
22		Acetophenone	0.506	0.507	-0.2	113	-0.01
23	S	Nitrobenzene-d5	0.321	0.350	-9.0	120	-0.01
24		Nitrobenzene	0.339	0.359	-5.9	116	-0.01
25		Isophorone	0.687	0.710	-3.3	114	0.00
26	C	2-Nitrophenol	0.104	0.185	-77.9#	168#	0.00
27		2,4-Dimethylphenol	0.289	0.300	-3.8	115	0.00
28		bis(2-Chloroethoxy)methane	0.433	0.445	-2.8	115	0.00
29	C	2,4-Dichlorophenol	0.305	0.340	-11.5	120	0.00
30		1,2,4-Trichlorobenzene	0.331	0.342	-3.3	116	0.00
31		Naphthalene	1.091	1.100	-0.8	114	0.00
32		Benzoic acid	0.163	0.251	-54.0#	173#	-0.02
33		4-Chloroaniline	0.419	0.430	-2.6	114	0.00
34	C	Hexachlorobutadiene	0.211	0.223	-5.7	119	0.00
35		Caprolactam	0.107	0.117	-9.3	120	0.00
36	C	4-Chloro-3-methylphenol	0.320	0.353	-10.3	118	0.00
37		2-Methylnaphthalene	0.763	0.781	-2.4	114	0.00
38		1-Methylnaphthalene	0.742	0.763	-2.8	115	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	118	0.00
40		1,2,4,5-Tetrachlorobenzene	0.621	0.638	-2.7	119	0.00
41	P	Hexachlorocyclopentadiene	0.227	0.287	-26.4#	143	0.00
42	S	2,4,6-Tribromophenol	0.216	0.265	-22.7	132	0.00
43	C	2,4,6-Trichlorophenol	0.367	0.434	-18.3	127	0.00
44		2,4,5-Trichlorophenol	0.419	0.475	-13.4	123	0.00
45	S	2-Fluorobiphenyl	1.392	1.380	0.9	115	0.00
46		1,1'-Biphenyl	1.531	1.524	0.5	115	0.00
47		2-Chloronaphthalene	1.205	1.209	-0.3	116	0.00

Evaluate Continuing Calibration Report

Sample Results: **BP026090.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026090.D
Acq On : 11 Nov 2025 14:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Nov 11 15:19:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 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	0.272	0.334	-22.8	130	0.00
49	Acenaphthylene	1.756	1.763	-0.4	114	0.00
50	Dimethylphthalate	1.455	1.529	-5.1	119	0.00
51	2,6-Dinitrotoluene	0.237	0.310	-30.8#	139	0.00
52 C	Acenaphthene	1.206	1.180	2.2	111	0.00
53	3-Nitroaniline	0.291	0.359	-23.4	131	0.00
54 P	2,4-Dinitrophenol	0.100	0.159	-59.0#	188#	0.00
55	Dibenzofuran	1.822	1.817	0.3	115	0.00
56 P	4-Nitrophenol	0.290	0.317	-9.3	131	0.00
57	2,4-Dinitrotoluene	0.347	0.459	-32.3#	138	0.00
58	Fluorene	1.427	1.432	-0.4	117	0.00
59	2,3,4,6-Tetrachlorophenol	0.330	0.408	-23.6	132	0.00
60	Diethylphthalate	1.463	1.536	-5.0	117	0.00
61	4-Chlorophenyl-phenylether	0.713	0.734	-2.9	119	0.00
62	4-Nitroaniline	0.311	0.370	-19.0	128	0.00
63	Azobenzene	1.325	1.304	1.6	112	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	119	0.00
65	4,6-Dinitro-2-methylphenol	0.077	0.116	-50.6#	180#	0.01
66 c	n-Nitrosodiphenylamine	0.625	0.623	0.3	114	0.00
67	4-Bromophenyl-phenylether	0.222	0.233	-5.0	121	0.00
68	Hexachlorobenzene	0.253	0.264	-4.3	122	0.00
69	Atrazine	0.211	0.223	-5.7	121	0.00
70 C	Pentachlorophenol	0.154	0.182	-18.2	134	0.00
71	Phenanthrene	1.164	1.133	2.7	113	0.00
72	Anthracene	1.154	1.149	0.4	116	0.00
73	Carbazole	1.092	1.094	-0.2	115	0.00
74	Di-n-butylphthalate	1.222	1.365	-11.7	121	0.00
75 C	Fluoranthene	1.358	1.371	-1.0	115	0.01
76 I	Chrysene-d12	1.000	1.000	0.0	117	0.02
77	Benzidine	0.508	0.507	0.2	115	0.01
78	Pyrene	1.353	1.374	-1.6	113	0.00
79 S	Terphenyl-d14	0.984	0.992	-0.8	115	0.01
80	Butylbenzylphthalate	0.432	0.610	-41.2#	144	0.01
81	Benzo(a)anthracene	1.374	1.392	-1.3	115	0.02
82	3,3'-Dichlorobenzidine	0.443	0.491	-10.8	125	0.01
83	Chrysene	1.302	1.303	-0.1	113	0.02
84	Bis(2-ethylhexyl)phthalate	0.718	0.915	-27.4#	129	0.02
85 c	Di-n-octyl phthalate	1.191	1.622	-36.2#	148	0.02
86 I	Perylene-d12	1.000	1.000	0.0	124	0.04
87	Indeno(1,2,3-cd)pyrene	1.477	1.518	-2.8	121	0.06
88	Benzo(b)fluoranthene	1.242	1.261	-1.5	120	0.03
89	Benzo(k)fluoranthene	1.268	1.232	2.8	115	0.02
90 C	Benzo(a)pyrene	1.141	1.172	-2.7	121	0.03
91	Dibenzo(a,h)anthracene	1.202	1.234	-2.7	121	0.06
92	Benzo(g,h,i)perylene	1.156	1.176	-1.7	121	0.05

Sample Results: **BP026090.D**

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026090.D
Acq On    : 11 Nov 2025  14:44
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Nov 11 15:19:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 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 = 2
```

QC SAMPLE DATA

Sample Results: **BF144168.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On    : 05 Nov 2025  12:21
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Integration File: rteint.p

Method    : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title     : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update  : Wed Nov 05 18:37:33 2025
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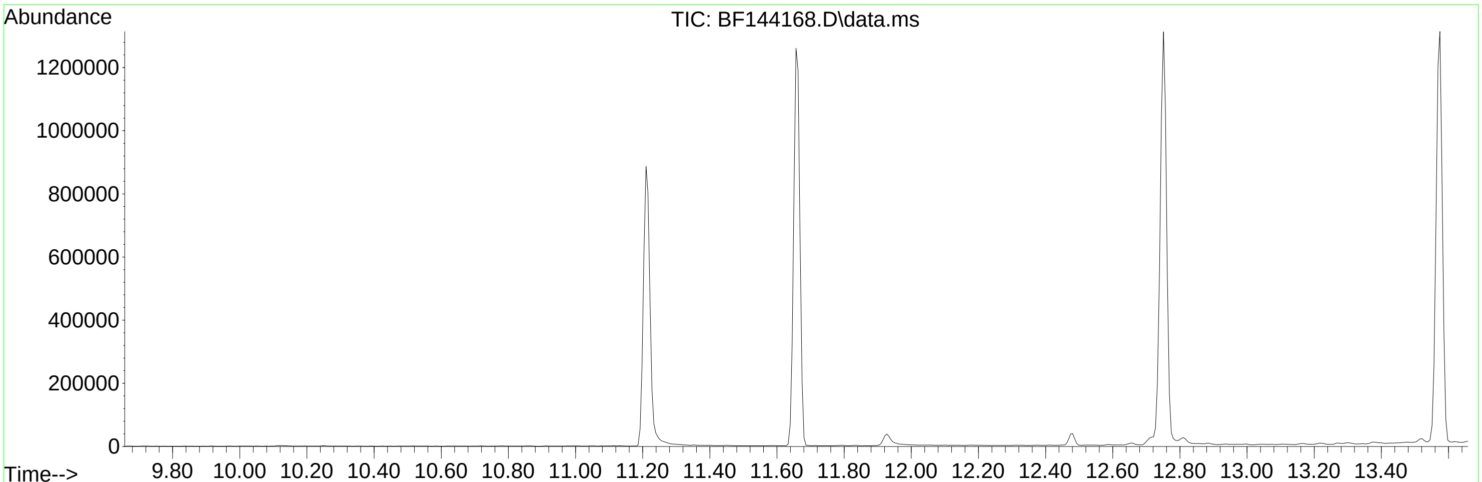
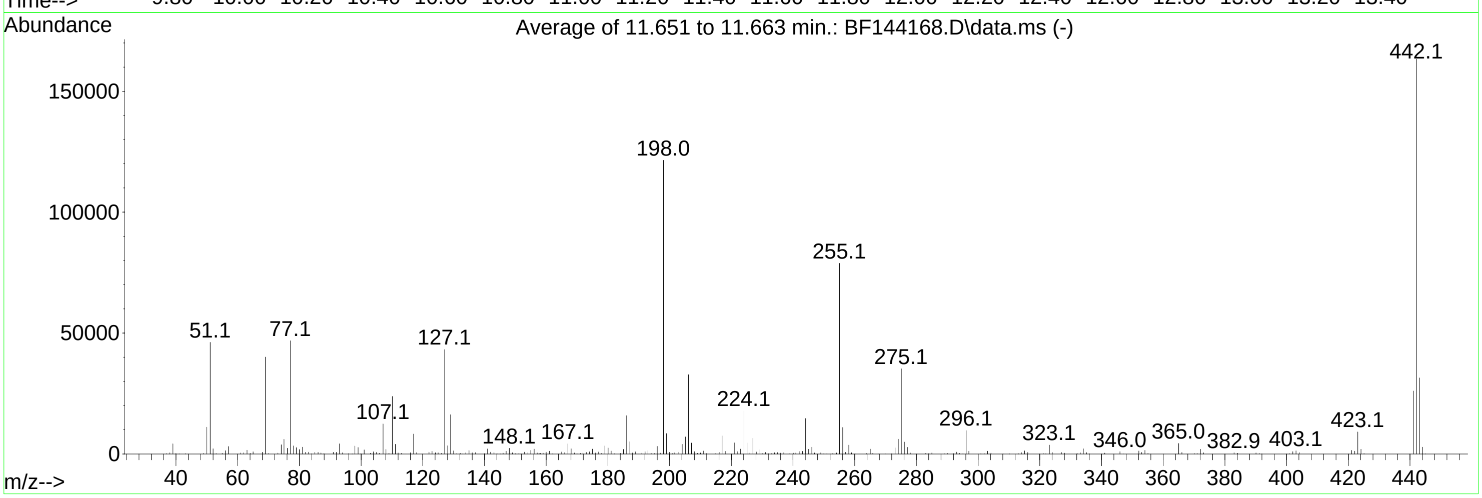
Instrument :
BNA_F
ClientSampleId :
DFTPP





AutoFind: Scans 1608, 1609, 1610; Background Corrected with Scan 1602

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.8	709	PASS
69	69	100	100	100.0	40048	PASS
70	69	0.00	2	0.6	222	PASS
197	198	0.00	2	0.3	378	PASS
198	198	100	100	100.0	121493	PASS
199	198	5	9	6.9	8441	PASS
365	198	1	100	3.6	4315	PASS
441	443	0.01	150	82.6	26027	PASS
442	442	100	100	100.0	163299	PASS
443	442	15	24	19.3	31501	PASS

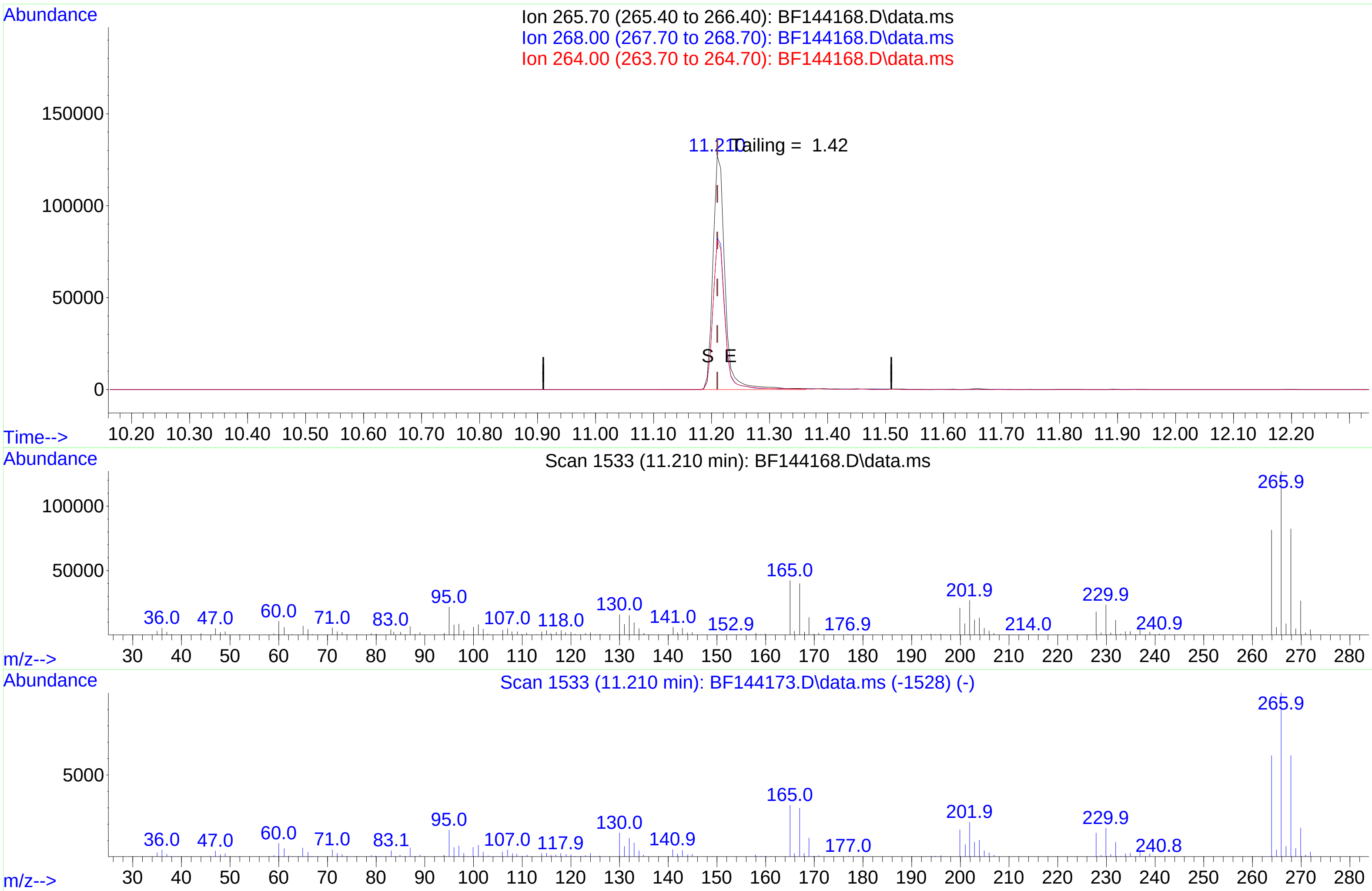
Quantitation Report (Qedit)

Sample Results: **BF144168.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 05 15:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 15:17:46 2025
Response via : Initial Calibration



TIC: BF144168.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.000) 39632.00 ng

response 182948

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	64.79
264.00	61.80	64.01
0.00	0.00	0.00

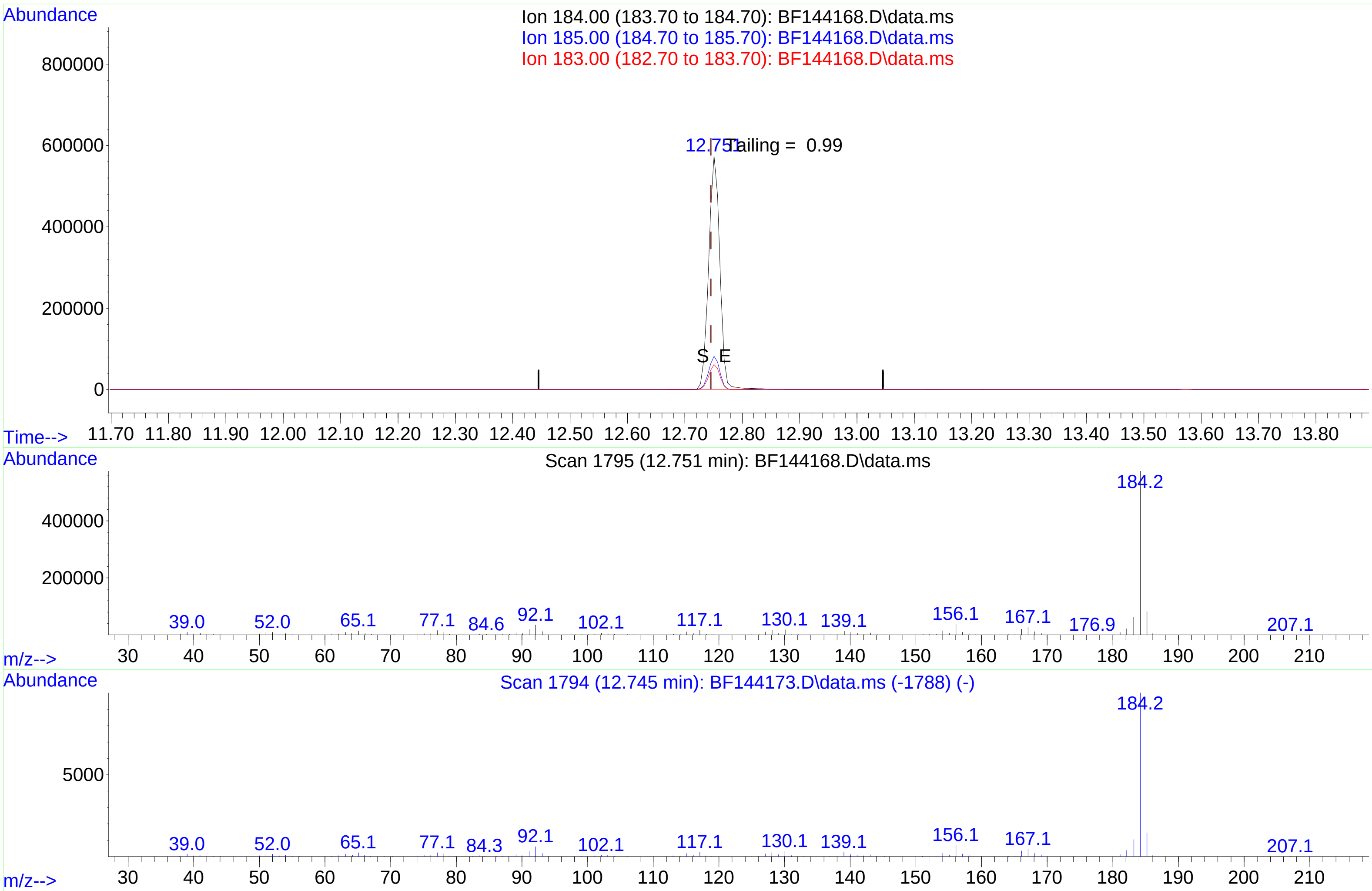
Quantitation Report (Qedit)

Sample Results: **BF144168.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 05 15:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 15:17:46 2025
Response via : Initial Calibration



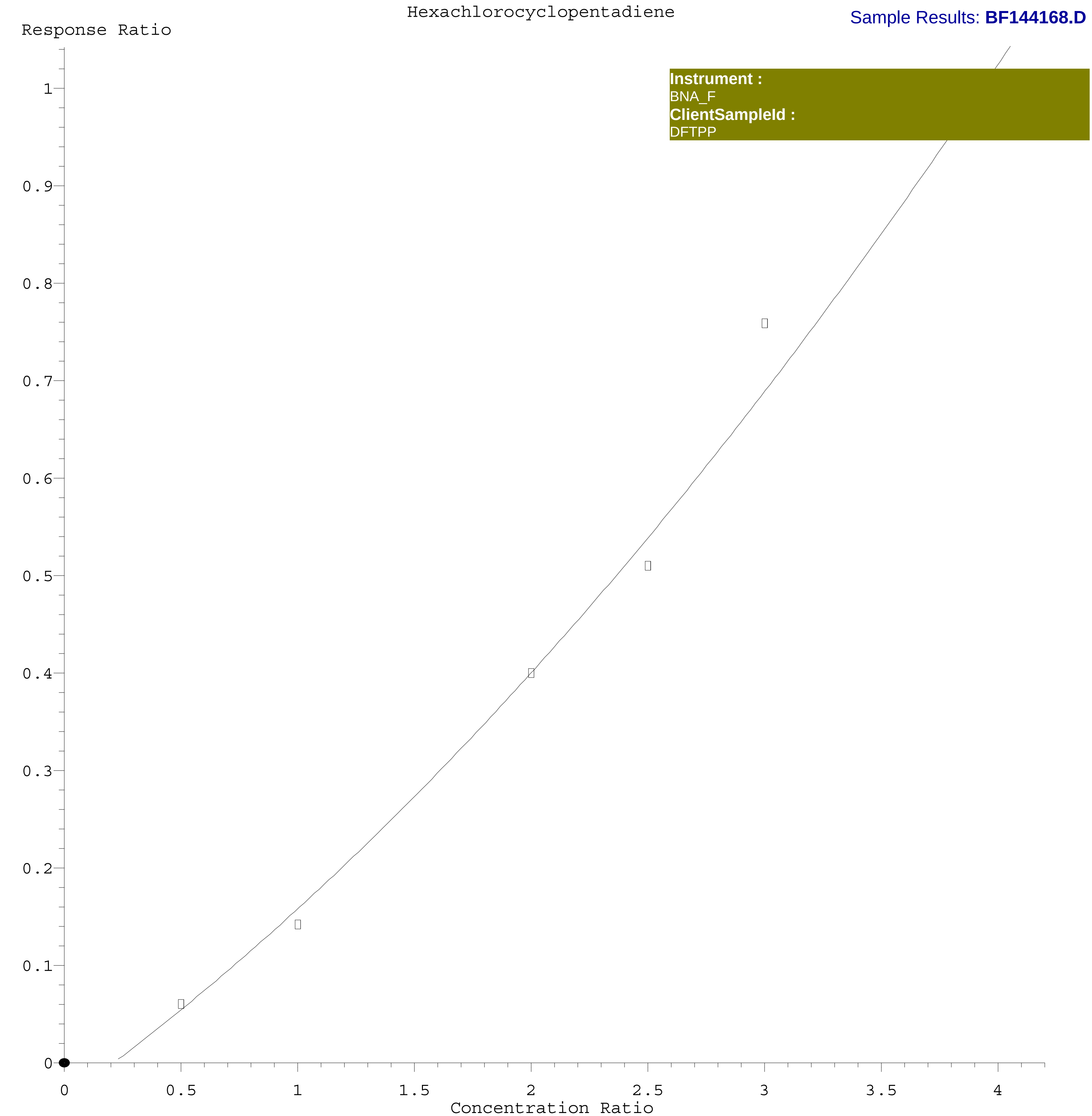
TIC: BF144168.D\data.ms

(77) Benzidine

12.751min (+ 0.006) 0.00 ng

response 777212

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.24
183.00	10.40	10.75
0.00	0.00	0.00



R = 2.331e-002 A*A + 1.722e-001 A - 3.751e-002
Coef of Det (r^2) = 0.992660   Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF110525.M
Calibration Table Last Updated: Wed Nov 05 18:37:33 2025

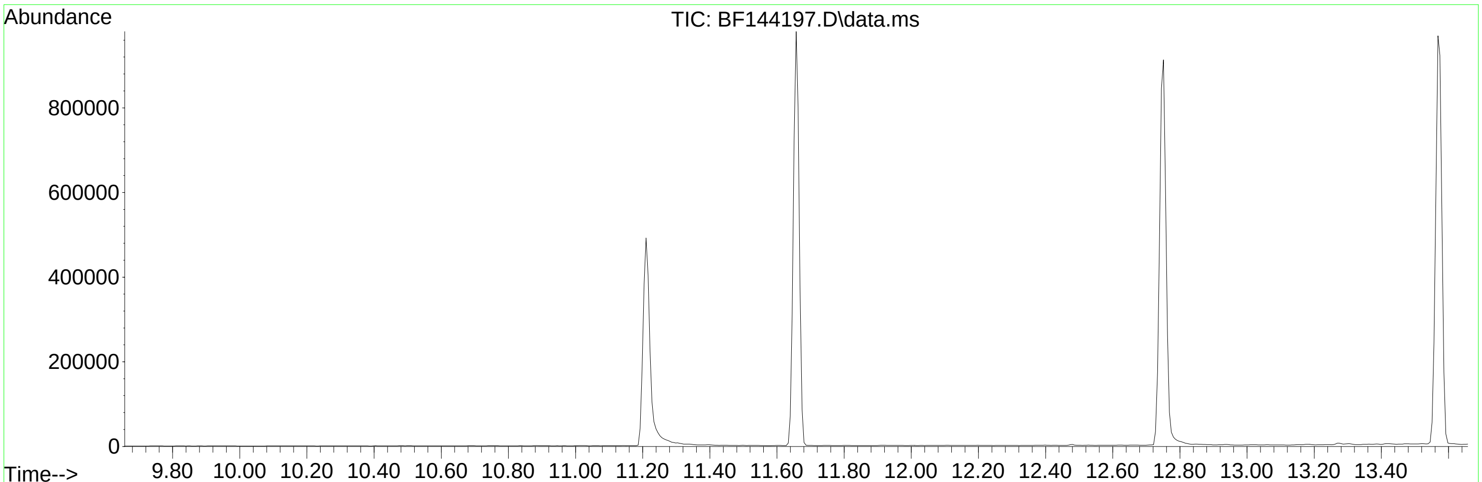
Sample Results: **BF144197.D**

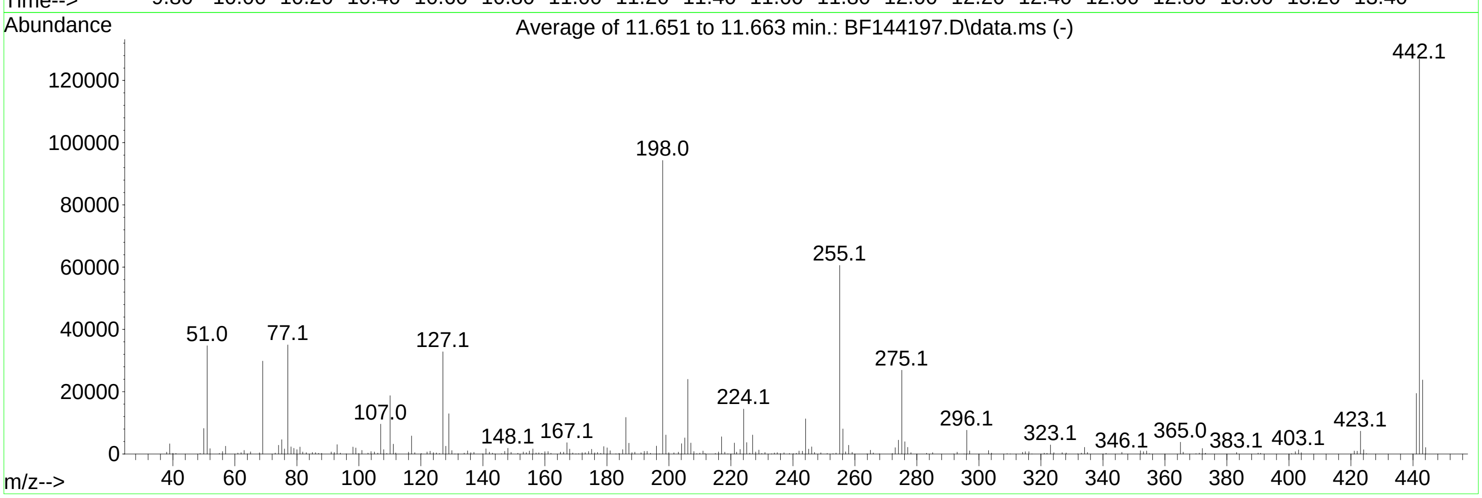
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144197.D
Acq On    : 11 Nov 2025  09:40
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Integration File: rteint.p

Method    : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title     : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update  : Wed Nov 05 18:37:33 2025
```

Instrument :
BNA_F
ClientSampleId :
DFTPP





AutoFind: Scans 1608, 1609, 1610; Background Corrected with Scan 1602

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.2	373	PASS
69	69	100	100	100.0	29859	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.1	96	PASS
198	198	100	100	100.0	94299	PASS
199	198	5	9	6.5	6095	PASS
365	198	1	100	4.0	3780	PASS
441	443	0.01	150	81.9	19483	PASS
442	442	100	100	100.0	126867	PASS
443	442	15	24	18.7	23781	PASS

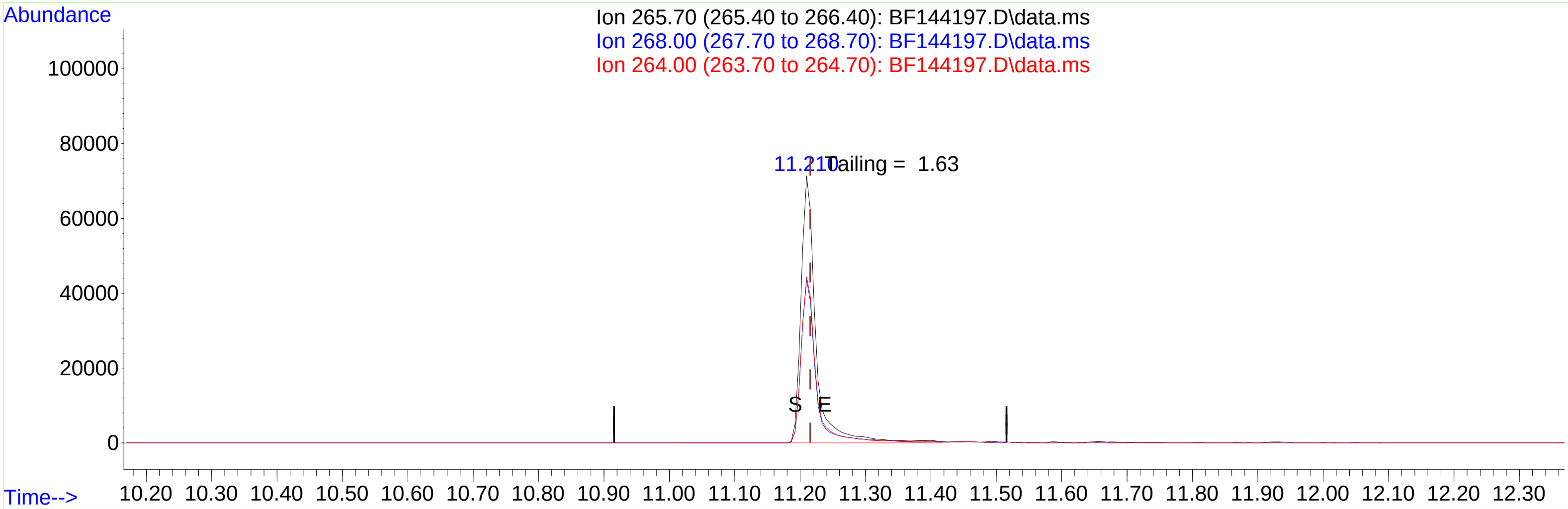
Quantitation Report (Qedit)

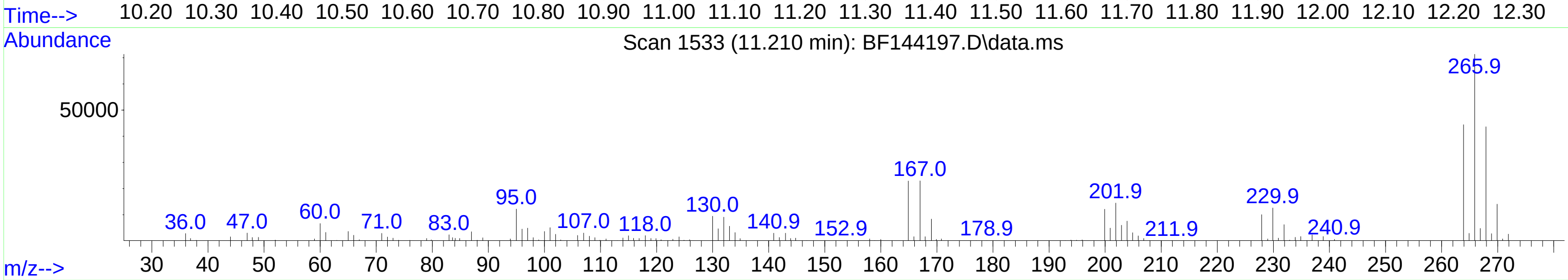
Sample Results: **BF144197.D**

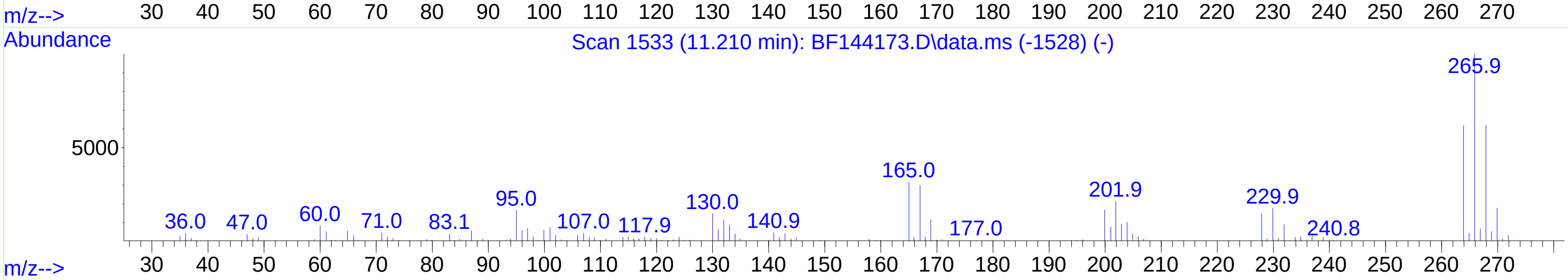
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144197.D
Acq On : 11 Nov 2025 09:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 11 10:42:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration







TIC: BF144197.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.006) 27091.68 ng

response 112364

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	61.18
264.00	61.80	62.26
0.00	0.00	0.00

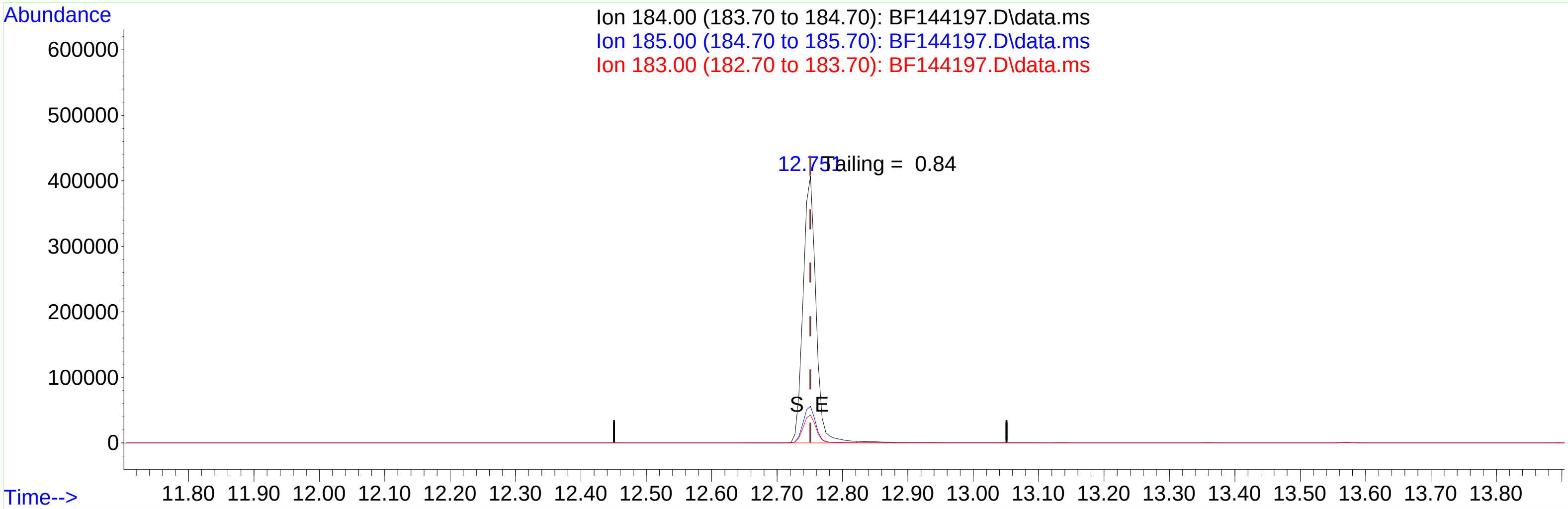
Quantitation Report (Qedit)

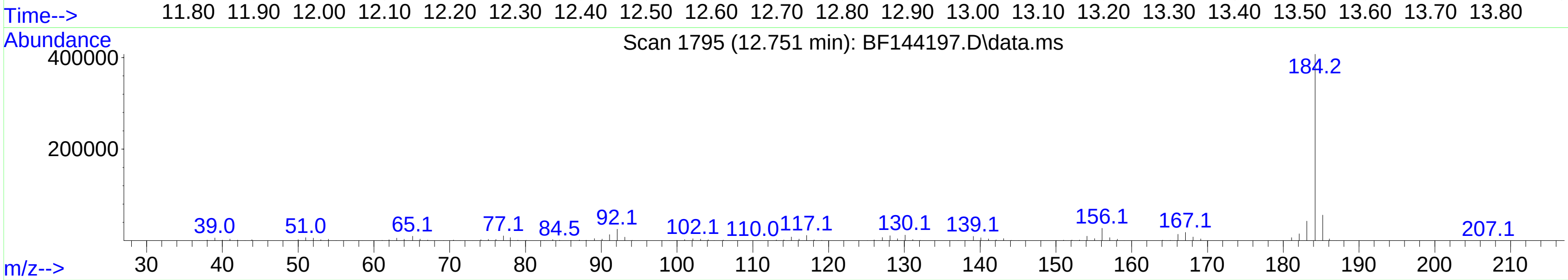
Sample Results: **BF144197.D**

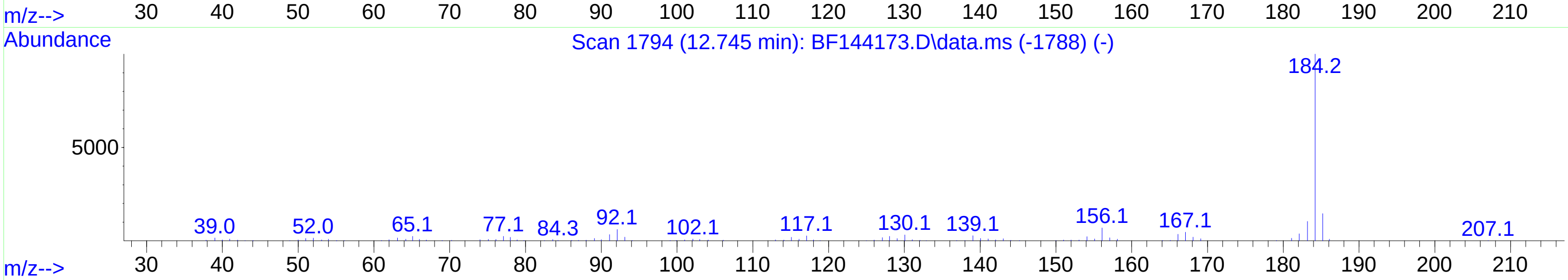
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144197.D
Acq On    : 11 Nov 2025  09:40
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Nov 11 10:42:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration
```

Instrument :
BNA_F
ClientSampleId :
DFTPP







TIC: BF144197.D\data.ms

(77) Benzidine

12.751min (+ 0.000) 0.00 ng

response 562470

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	13.73
183.00	10.40	10.51
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/11/2025	BNA_F	BF144197.D
Compound Name	Response	Retention Time
DDT	273985	13.569
DDD	2952	13.274
DDE	571	12.933
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
3523	277508	1.27

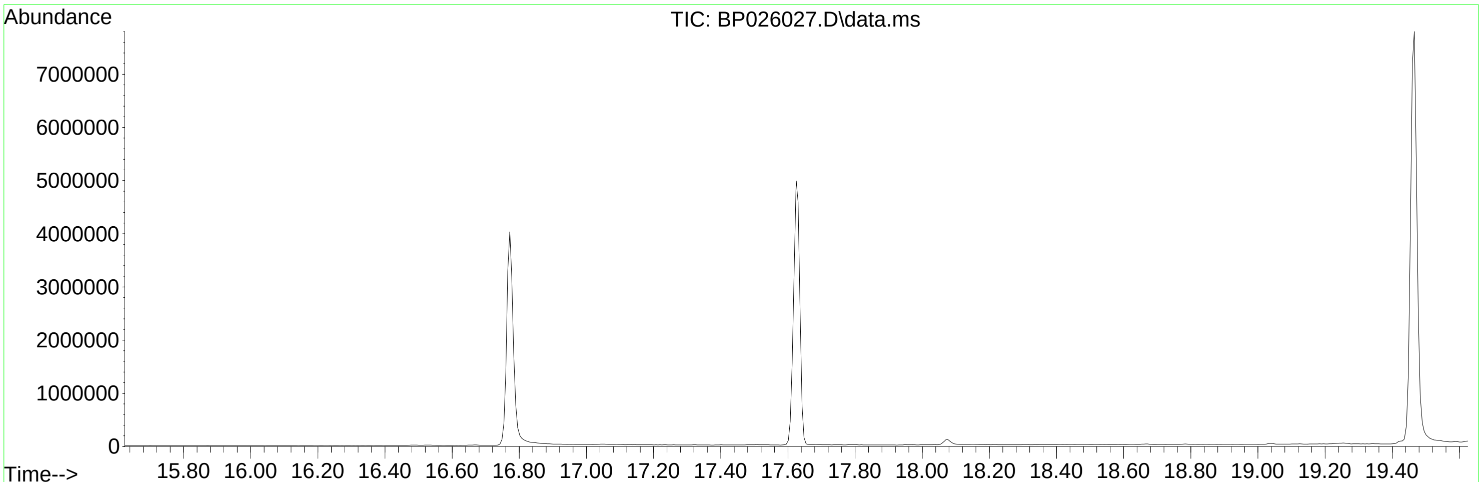
Instrument :
BNA_F
ClientSampleId :
DFTPP

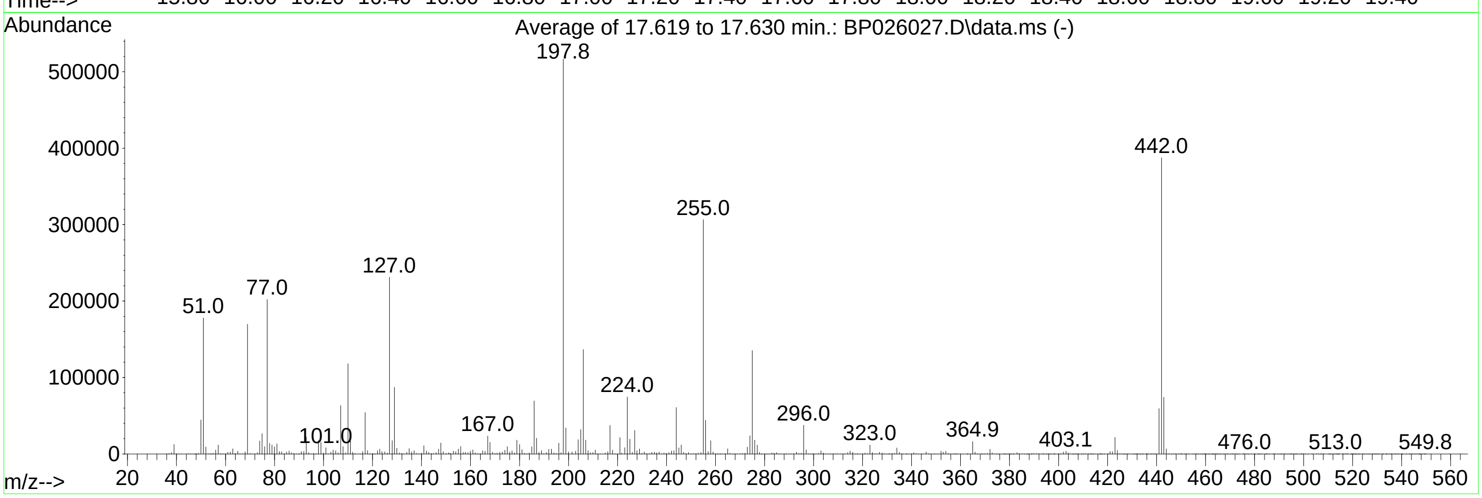
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026027.D
Acq On    : 29 Oct 2025  08:45
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Integration File: rteint.p

Method    : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title     : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update  : Thu Oct 30 11:51:34 2025
```

Instrument :
BNA_P
ClientSampleId :
DFTPP





AutoFind: Scans 2496, 2497, 2498; Background Corrected with Scan 2484

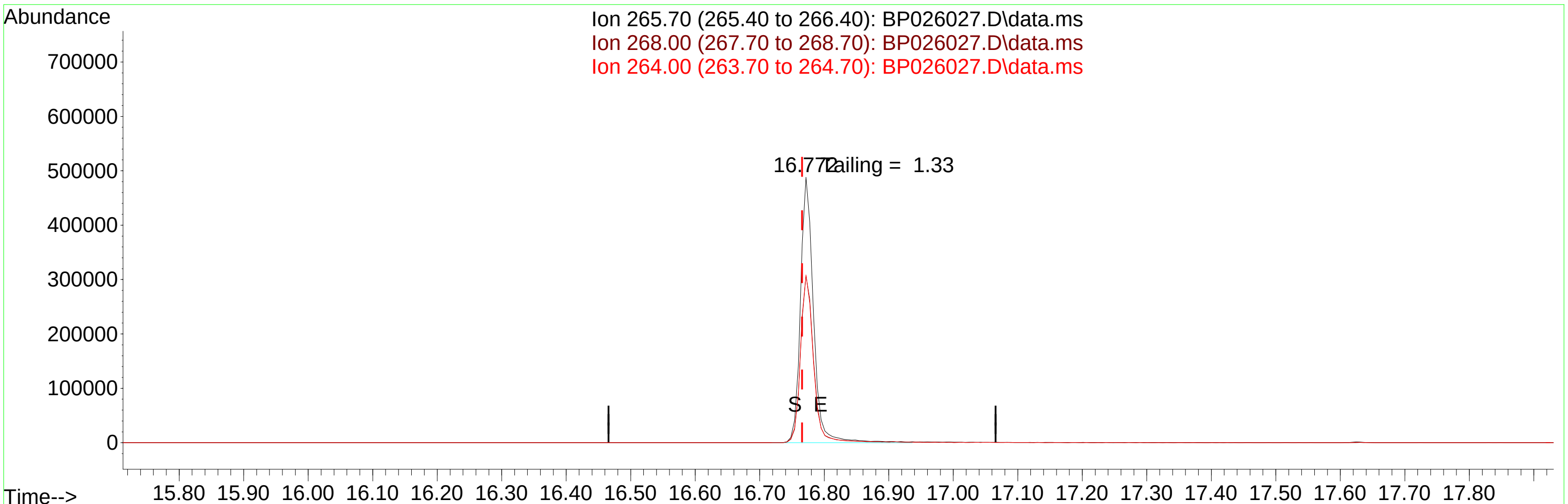
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	2792	PASS
69	69	100	100	100.0	169765	PASS
70	69	0.00	2	0.4	752	PASS
197	198	0.00	2	0.4	1827	PASS
198	198	100	100	100.0	516572	PASS
199	198	5	9	6.6	34035	PASS
365	198	1	100	3.1	16180	PASS
441	443	0.01	150	79.9	59342	PASS
442	442	100	100	100.0	387348	PASS
443	442	15	24	19.2	74271	PASS

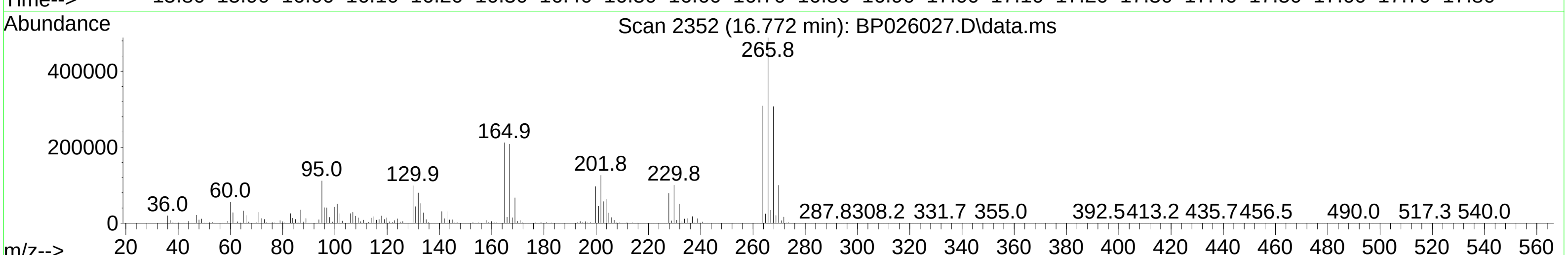
Sample Results: **BP026027.D**

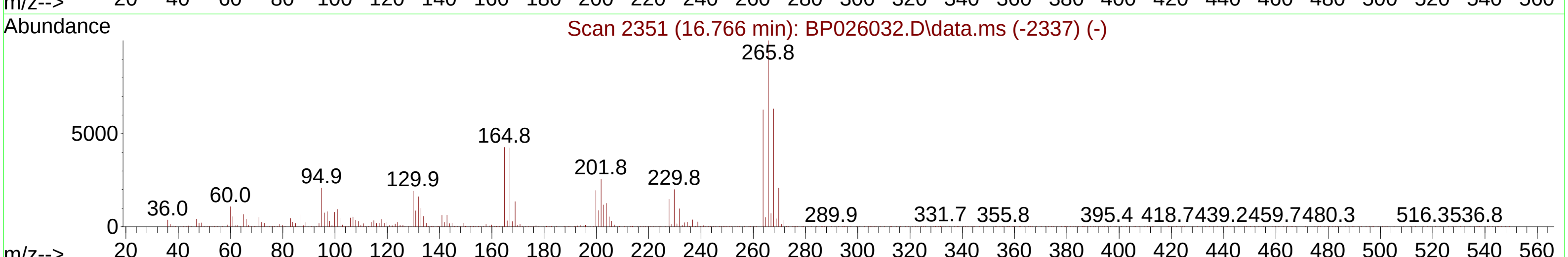
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026027.D
Acq On    : 29 Oct 2025  08:45
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Oct 29 15:04:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:02:40 2025
Response via : Initial Calibration
```

Instrument :
BNA_P
ClientSampleId :
DFTPP







TIC: BP026027.D\data.ms

(70) Pentachlorophenol (C)

16.772min (+ 0.006) 52866.47 ng

response 688723

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.30	62.93
264.00	62.80	63.23
0.00	0.00	0.00

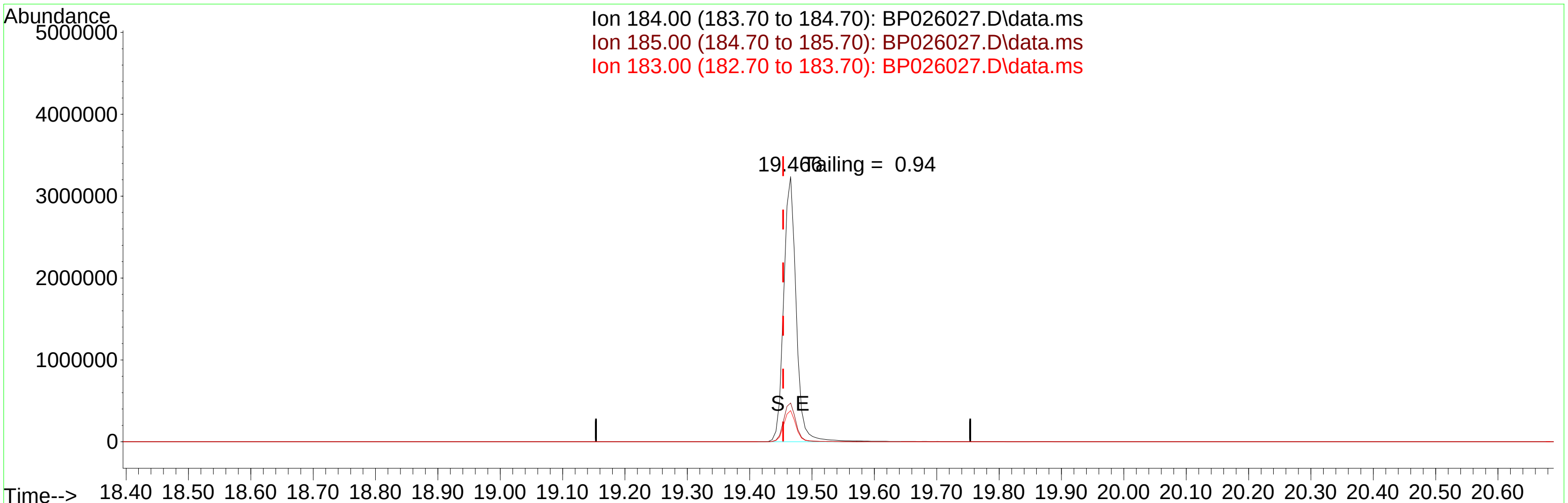
Quantitation Report (Qedit)

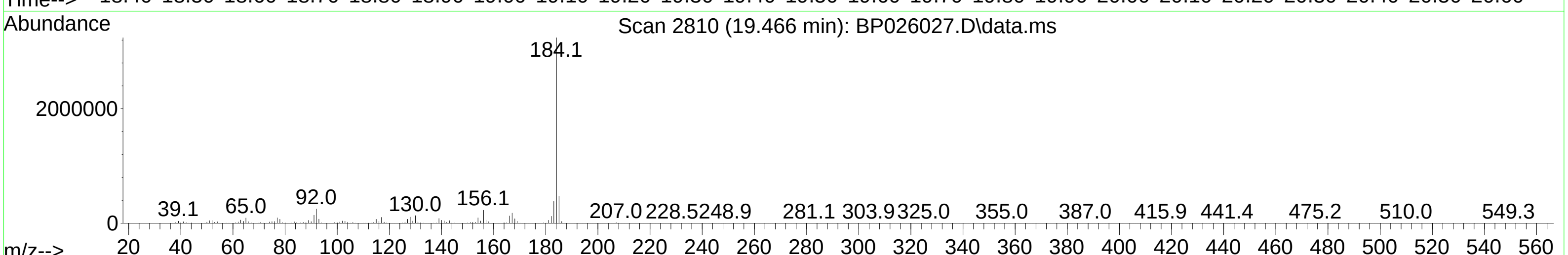
Sample Results: **BP026027.D**

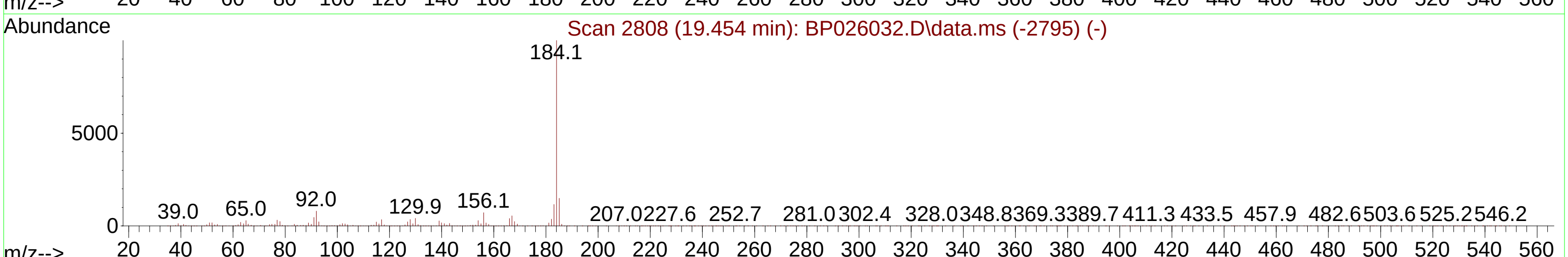
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026027.D
Acq On    : 29 Oct 2025  08:45
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Oct 29 15:04:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:02:40 2025
Response via : Initial Calibration
```

Instrument :
BNA_P
ClientSampleId :
DFTPP







TIC: BP026027.D\data.ms

(77) Benzidine

19.466min (+ 0.012) 16317.24 ng

response 4546390

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.90	14.62
183.00	11.50	11.75
0.00	0.00	0.00

DDT Breakdown

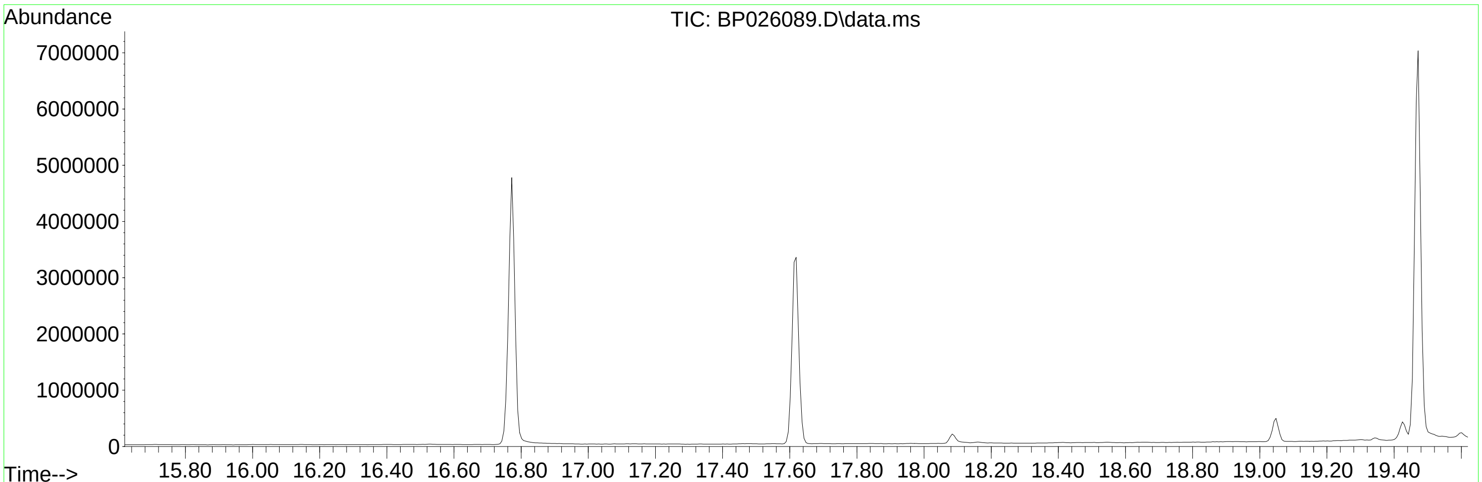
Date	Instrument Name	DFTPP Data File
10/29/2025	BNA_P	BP026027.D
Compound Name	Response	Retention Time
DDT	1446445	20.766
DDD	18274	20.301
DDE	1074	19.866
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
19348	1465793	1.32

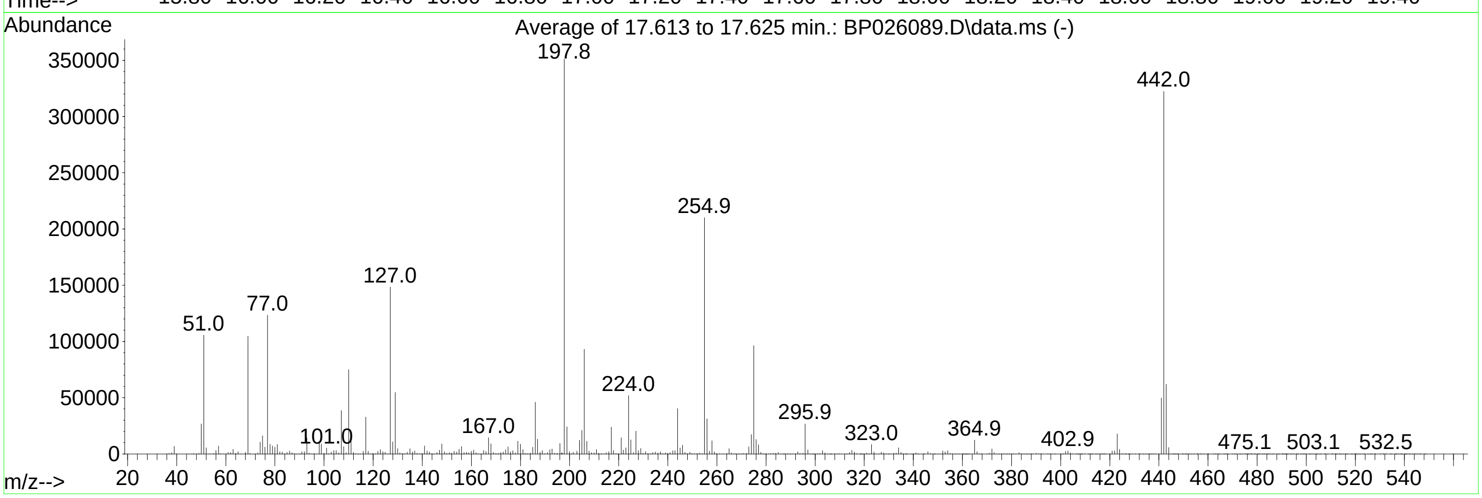
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026089.D
Acq On : 11 Nov 2025 14:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025





AutoFind: Scans 2495, 2496, 2497; Background Corrected with Scan 2485

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.5	1554	PASS
69	69	100	100	100.0	104622	PASS
70	69	0.00	2	0.3	304	PASS
197	198	0.00	2	0.3	1073	PASS
198	198	100	100	100.0	351105	PASS
199	198	5	9	6.9	24080	PASS
365	198	1	100	3.5	12262	PASS
441	443	0.01	150	80.2	49693	PASS
442	442	100	100	100.0	322318	PASS
443	442	15	24	19.2	61960	PASS

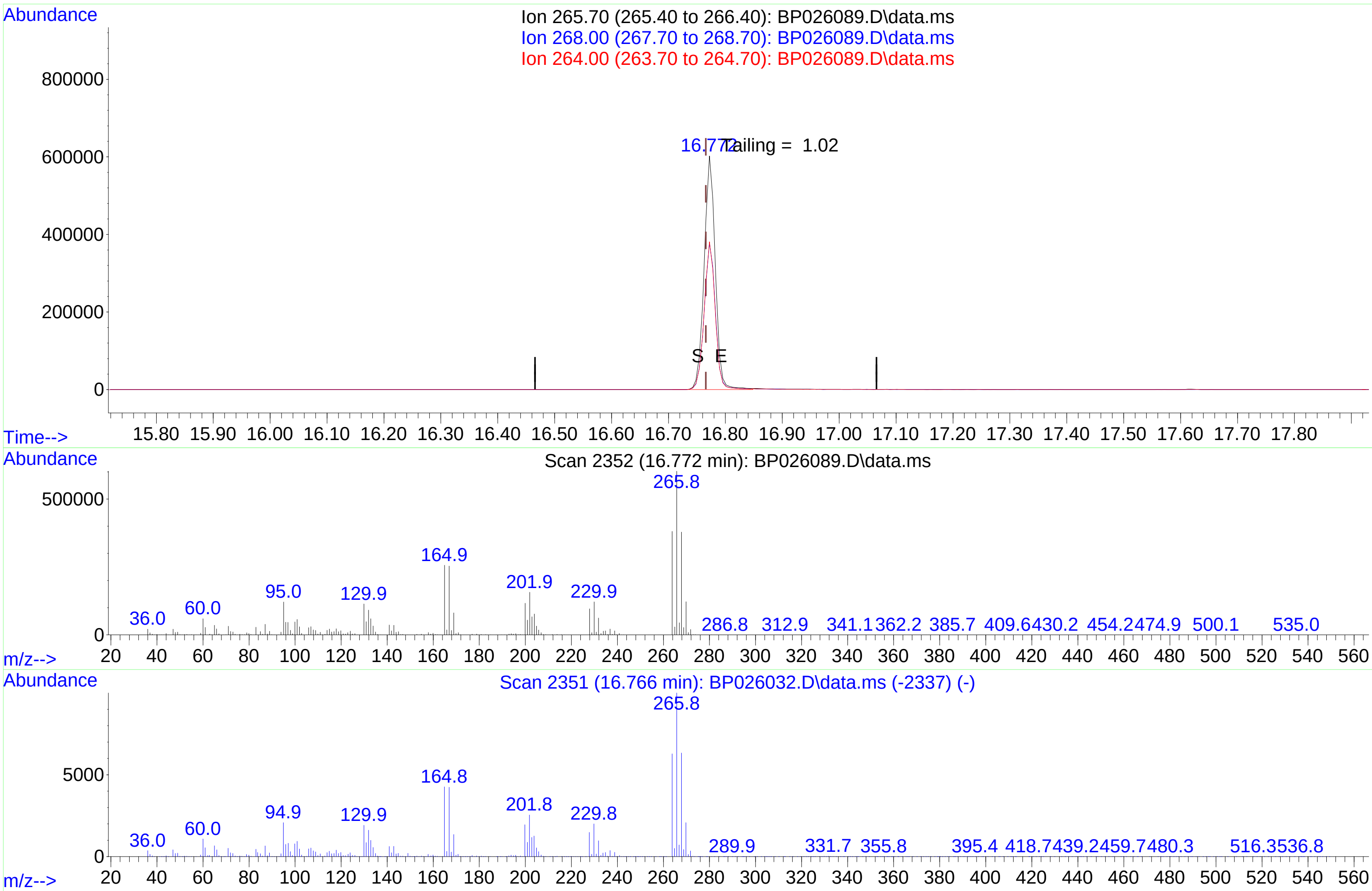
Quantitation Report (Qedit)

Sample Results: **BP026089.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026089.D
Acq On : 11 Nov 2025 14:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Nov 11 15:18:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



TIC: BP026089.D\data.ms

(70) Pentachlorophenol (C)

16.772min (+ 0.006) 1462042.63 ng

response 823223

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.30	62.80
264.00	62.80	63.26
0.00	0.00	0.00

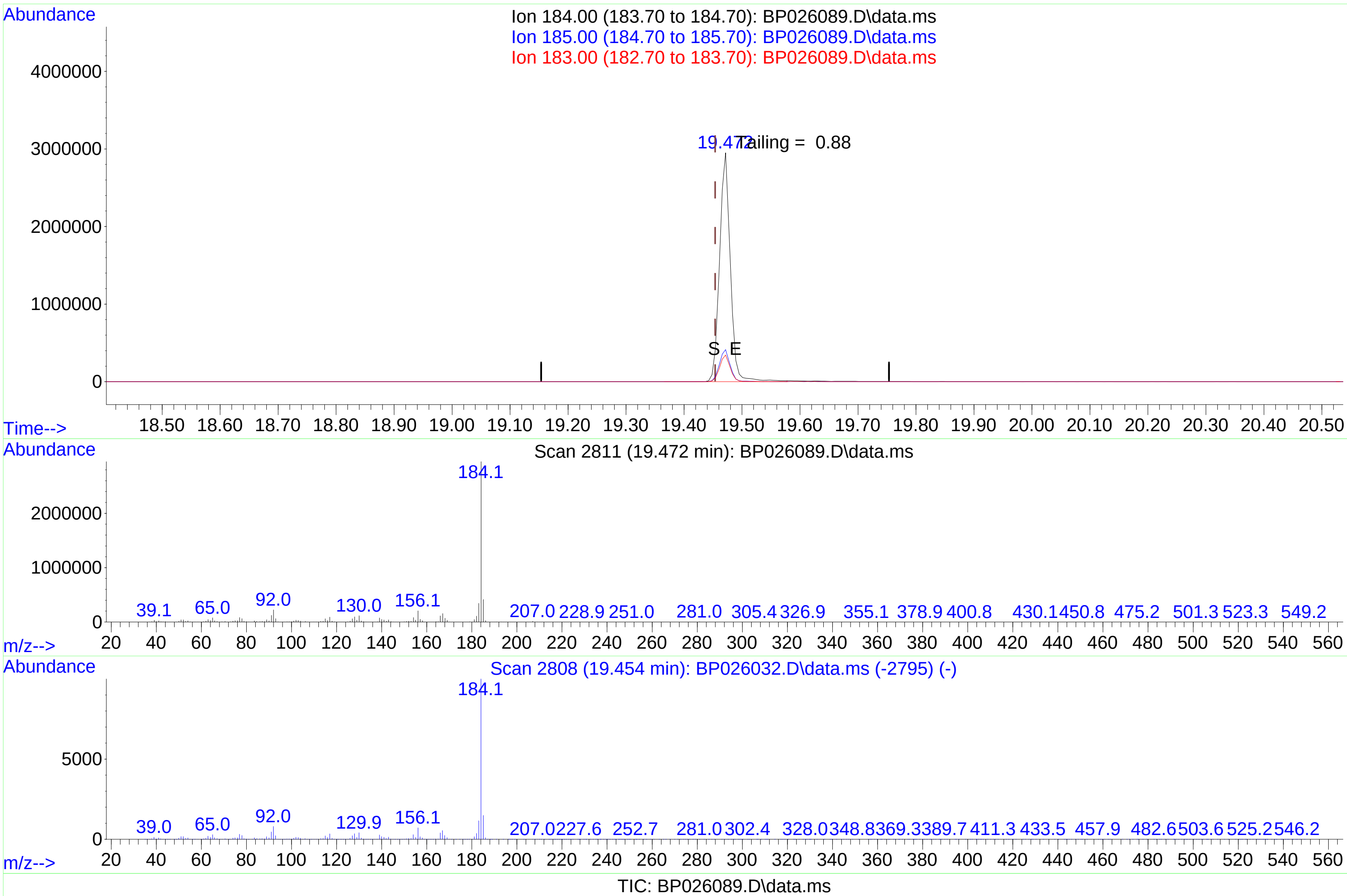
Quantitation Report (Qedit)

Sample Results: **BP026089.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026089.D
Acq On : 11 Nov 2025 14:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Nov 11 15:18:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



(77) Benzidine

19.472min (+ 0.018) 657528.85 ng

response 3788584

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.90	14.00
183.00	11.50	11.65
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/11/2025	BNA_P	BP026089.D
Compound Name	**Response**	**Retention Time**
DDT	1683922	20.783
DDD	39274	20.319
DDE	2890	19.784
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
42164	1726086	2.44

Raw Data: **BF144199.D**

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170478BL			SDG No.:	Q3586
Lab Sample ID:	PB170478BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	160	U	1	160	330	ug/Kg	11/11/25 13:07	PB170478
108-95-2	Phenol	22.1	U	1	22.1	170	ug/Kg	11/11/25 13:07	PB170478
111-44-4	bis(2-Chloroethyl)ether	24.3	U	1	24.3	170	ug/Kg	11/11/25 13:07	PB170478
95-57-8	2-Chlorophenol	24.4	U	1	24.4	170	ug/Kg	11/11/25 13:07	PB170478
95-48-7	2-Methylphenol	29.9	U	1	29.9	170	ug/Kg	11/11/25 13:07	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	1	37.5	170	ug/Kg	11/11/25 13:07	PB170478
98-86-2	Acetophenone	29.5	U	1	29.5	170	ug/Kg	11/11/25 13:07	PB170478
65794-96-9	3+4-Methylphenols	41.1	U	1	41.1	330	ug/Kg	11/11/25 13:07	PB170478
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	1	47.4	80.0	ug/Kg	11/11/25 13:07	PB170478
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	11/11/25 13:07	PB170478
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	11/11/25 13:07	PB170478
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	11/11/25 13:07	PB170478
88-75-5	2-Nitrophenol	58.2	U	1	58.2	170	ug/Kg	11/11/25 13:07	PB170478
105-67-9	2,4-Dimethylphenol	64.8	U	1	64.8	170	ug/Kg	11/11/25 13:07	PB170478
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	1	30.8	170	ug/Kg	11/11/25 13:07	PB170478
120-83-2	2,4-Dichlorophenol	28.3	U	1	28.3	170	ug/Kg	11/11/25 13:07	PB170478
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	11/11/25 13:07	PB170478
106-47-8	4-Chloroaniline	35.4	U	1	35.4	170	ug/Kg	11/11/25 13:07	PB170478
87-68-3	Hexachlorobutadiene	25.3	U	1	25.3	170	ug/Kg	11/11/25 13:07	PB170478
105-60-2	Caprolactam	52.1	U	1	52.1	330	ug/Kg	11/11/25 13:07	PB170478
59-50-7	4-Chloro-3-methylphenol	28.7	U	1	28.7	170	ug/Kg	11/11/25 13:07	PB170478
91-57-6	2-Methylnaphthalene	25.6	U	1	25.6	170	ug/Kg	11/11/25 13:07	PB170478
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	11/11/25 13:07	PB170478
88-06-2	2,4,6-Trichlorophenol	19.8	U	1	19.8	170	ug/Kg	11/11/25 13:07	PB170478
95-95-4	2,4,5-Trichlorophenol	29.1	U	1	29.1	170	ug/Kg	11/11/25 13:07	PB170478
92-52-4	1,1-Biphenyl	21.8	U	1	21.8	170	ug/Kg	11/11/25 13:07	PB170478
91-58-7	2-Chloronaphthalene	22.5	U	1	22.5	170	ug/Kg	11/11/25 13:07	PB170478
88-74-4	2-Nitroaniline	48.1	U	1	48.1	170	ug/Kg	11/11/25 13:07	PB170478
131-11-3	Dimethylphthalate	27.1	U	1	27.1	170	ug/Kg	11/11/25 13:07	PB170478
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	11/11/25 13:07	PB170478
606-20-2	2,6-Dinitrotoluene	33.6	U	1	33.6	170	ug/Kg	11/11/25 13:07	PB170478
99-09-2	3-Nitroaniline	46.0	U	1	46.0	170	ug/Kg	11/11/25 13:07	PB170478
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	11/11/25 13:07	PB170478
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	11/11/25 13:07	PB170478
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	11/11/25 13:07	PB170478
132-64-9	Dibenzofuran	22.7	U	1	22.7	170	ug/Kg	11/11/25 13:07	PB170478
121-14-2	2,4-Dinitrotoluene	50.1	U	1	50.1	170	ug/Kg	11/11/25 13:07	PB170478
84-66-2	Diethylphthalate	28.3	U	1	28.3	170	ug/Kg	11/11/25 13:07	PB170478
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	1	26.7	170	ug/Kg	11/11/25 13:07	PB170478
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	11/11/25 13:07	PB170478
100-01-6	4-Nitroaniline	64.2	U	1	64.2	170	ug/Kg	11/11/25 13:07	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	11/11/25 13:07	PB170478

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170478BL			SDG No.:	Q3586
Lab Sample ID:	PB170478BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	32.9	U	1	32.9	170	ug/Kg	11/11/25 13:07	PB170478
101-55-3	4-Bromophenyl-phenylether	27.8	U	1	27.8	170	ug/Kg	11/11/25 13:07	PB170478
118-74-1	Hexachlorobenzene	25.3	U	1	25.3	170	ug/Kg	11/11/25 13:07	PB170478
1912-24-9	Atrazine	34.0	U	1	34.0	170	ug/Kg	11/11/25 13:07	PB170478
87-86-5	Pentachlorophenol	51.3	U	1	51.3	330	ug/Kg	11/11/25 13:07	PB170478
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	11/11/25 13:07	PB170478
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	11/11/25 13:07	PB170478
86-74-8	Carbazole	31.2	U	1	31.2	170	ug/Kg	11/11/25 13:07	PB170478
84-74-2	Di-n-butylphthalate	47.9	U	1	47.9	170	ug/Kg	11/11/25 13:07	PB170478
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	11/11/25 13:07	PB170478
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	11/11/25 13:07	PB170478
85-68-7	Butylbenzylphthalate	71.4	U	1	71.4	170	ug/Kg	11/11/25 13:07	PB170478
91-94-1	3,3-Dichlorobenzidine	36.7	U	1	36.7	330	ug/Kg	11/11/25 13:07	PB170478
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	11/11/25 13:07	PB170478
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	11/11/25 13:07	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	1	59.2	170	ug/Kg	11/11/25 13:07	PB170478
117-84-0	Di-n-octyl phthalate	86.8	U	1	86.8	330	ug/Kg	11/11/25 13:07	PB170478
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	11/11/25 13:07	PB170478
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	11/11/25 13:07	PB170478
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	11/11/25 13:07	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	11/11/25 13:07	PB170478
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	11/11/25 13:07	PB170478
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	11/11/25 13:07	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	1	25.6	170	ug/Kg	11/11/25 13:07	PB170478
123-91-1	1,4-Dioxane	45.2	U	1	45.2	170	ug/Kg	11/11/25 13:07	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	1	27.4	170	ug/Kg	11/11/25 13:07	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	115			30 (10) - 130 (105)	77%	SPK: 150		
13127-88-3	Phenol-d6	118			30 (10) - 130 (103)	79%	SPK: 150		
4165-60-0	Nitrobenzene-d5	83.0			30 (10) - 130 (108)	83%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.8			30 (10) - 130 (108)	80%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	126			30 (10) - 130 (116)	84%	SPK: 150		
1718-51-0	Terphenyl-d14	84.5			30 (10) - 130 (109)	85%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	80100							
1146-65-2	Naphthalene-d8	309000							
15067-26-2	Acenaphthene-d10	181000							
1517-22-2	Phenanthrene-d10	337000							
1719-03-5	Chrysene-d12	225000							
1520-96-3	Perylene-d12	227000							

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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170478BL			SDG No.:	Q3586
Lab Sample ID:	PB170478BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Quantitation Report (LSC Reviewed)

Sample Results: **BF144199.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Quant Time: Nov 11 13:46:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	80148	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	308933	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	180668	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	336603	20.000	ng	0.00
76) Chrysene-d12	14.057	240	225293	20.000	ng	0.00
86) Perylene-d12	15.545	264	226985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	588374	114.879	ng	0.01
7) Phenol-d6	6.504	99	684658	117.978	ng	0.00
23) Nitrobenzene-d5	7.434	82	443974	83.001	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	284869	125.649	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	975916	79.780	ng	0.00
79) Terphenyl-d14	12.998	244	1198876	84.526	ng	0.00

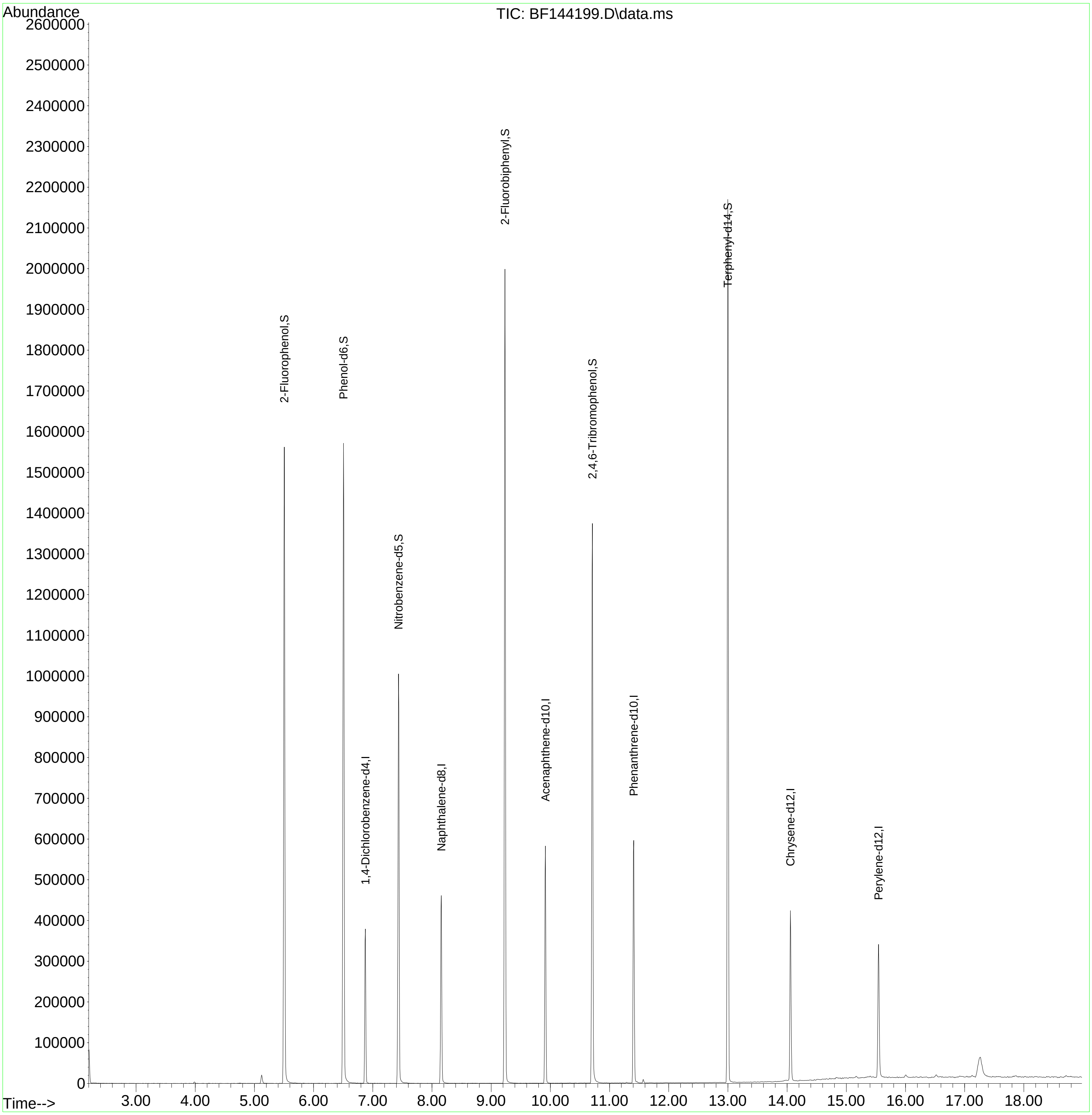
Target Compounds Qvalue

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

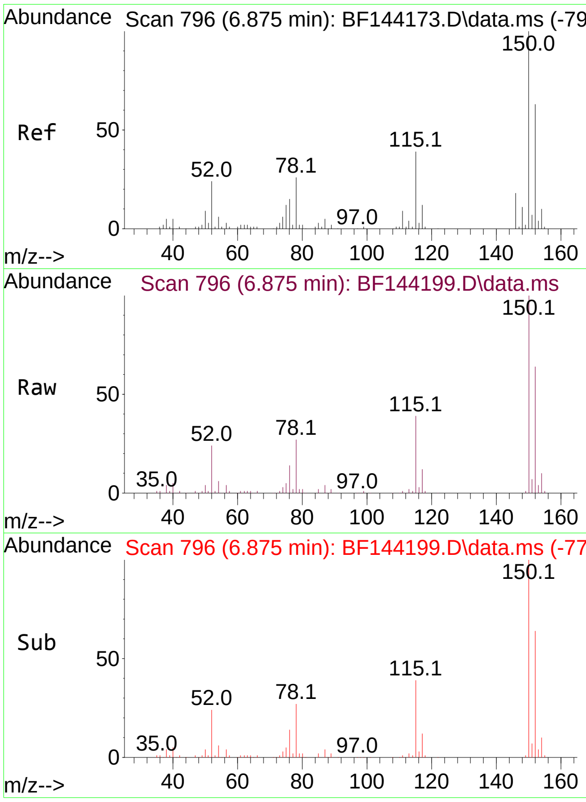
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Quant Time: Nov 11 13:46:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



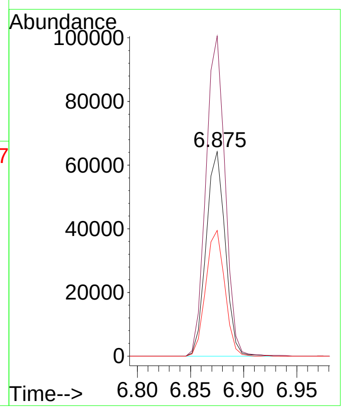
Instrument :
BNA_F
ClientSampleId :
PB170478BL

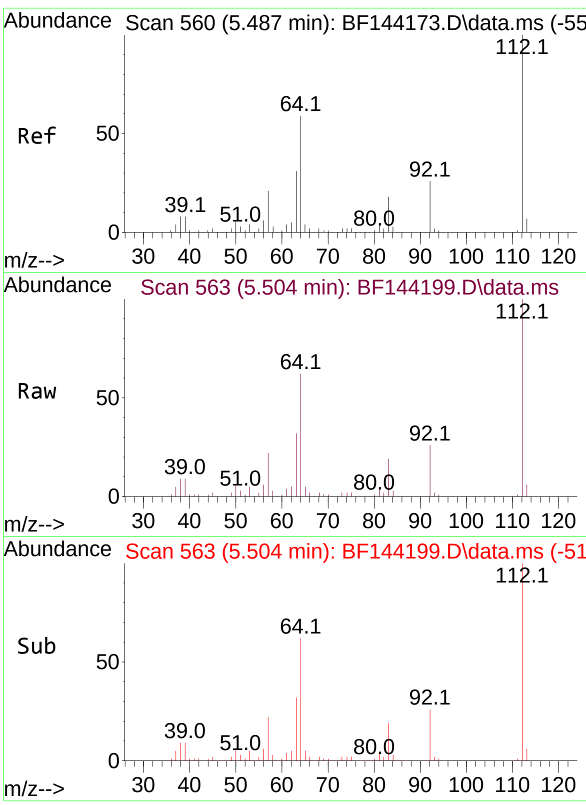


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion:152 Resp: 80148

Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.4	191.0
115	61.5	49.5	74.3

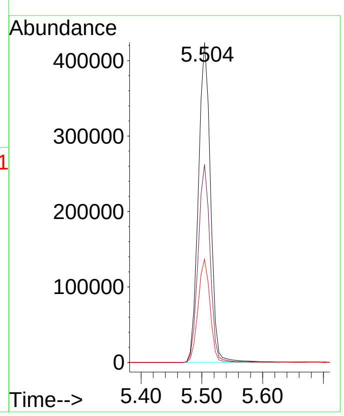




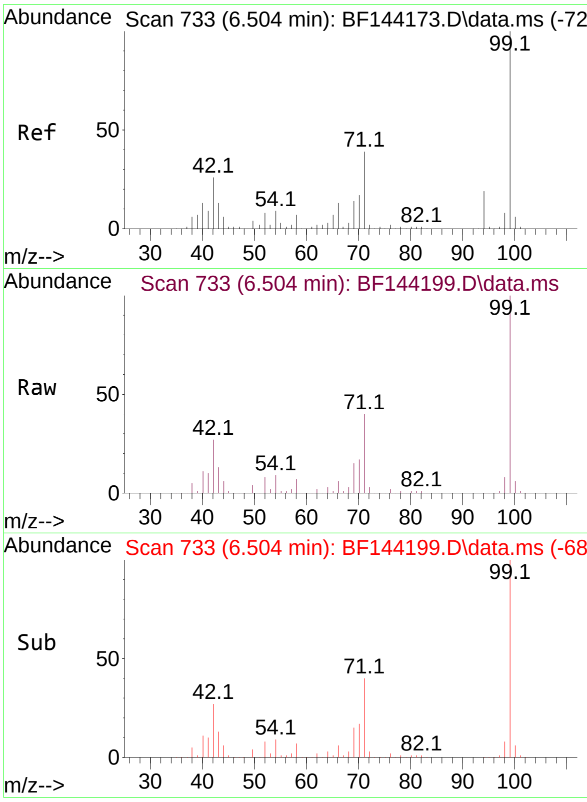
#5
2-Fluorophenol
Concen: 114.879 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion:112 Resp: 588374

Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.2	70.8
63	32.3	24.4	36.6



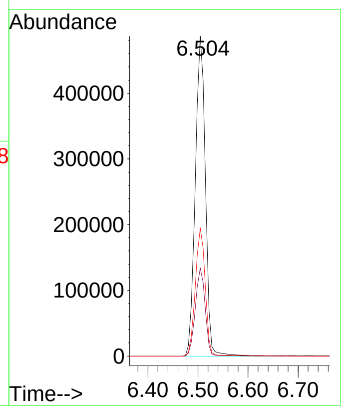
Instrument :
BNA_F
ClientSampleId :
PB170478BL

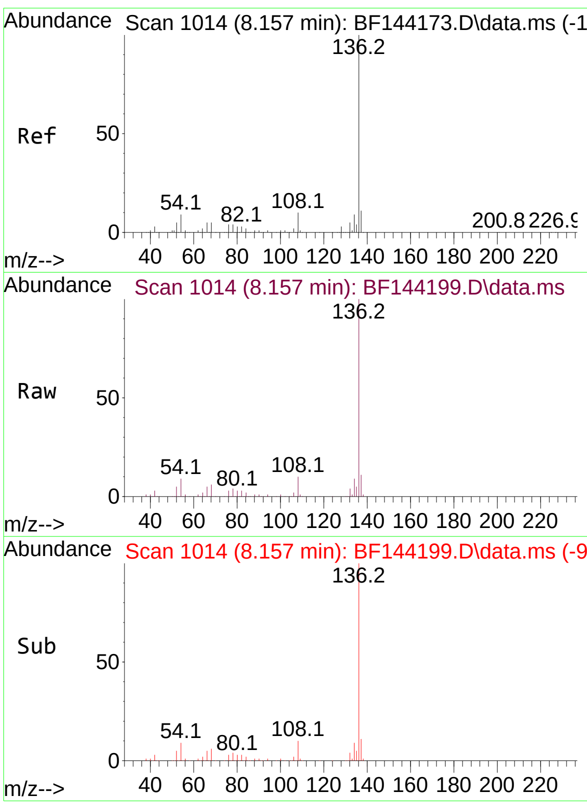


#7
Phenol-d6
Concen: 117.978 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion: 99 Resp: 684658

Ion	Ratio	Lower	Upper
99	100		
42	27.5	20.9	31.3
71	39.9	31.4	47.2

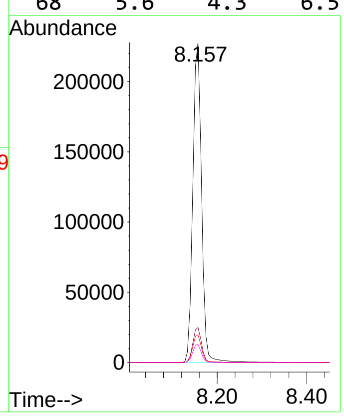




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

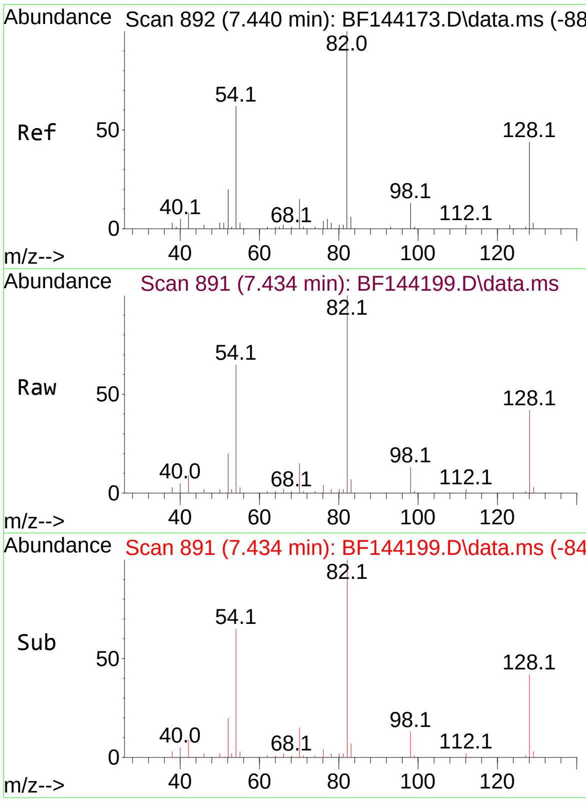
Tgt Ion:136 Resp: 308933

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.6	7.0	10.6
68	5.6	4.3	6.5



Sample Results: **BF144199.D**

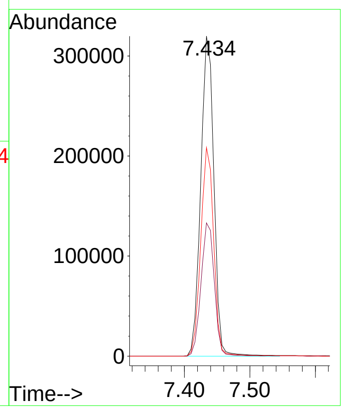
Instrument :
BNA_F
ClientSampleId :
PB170478BL

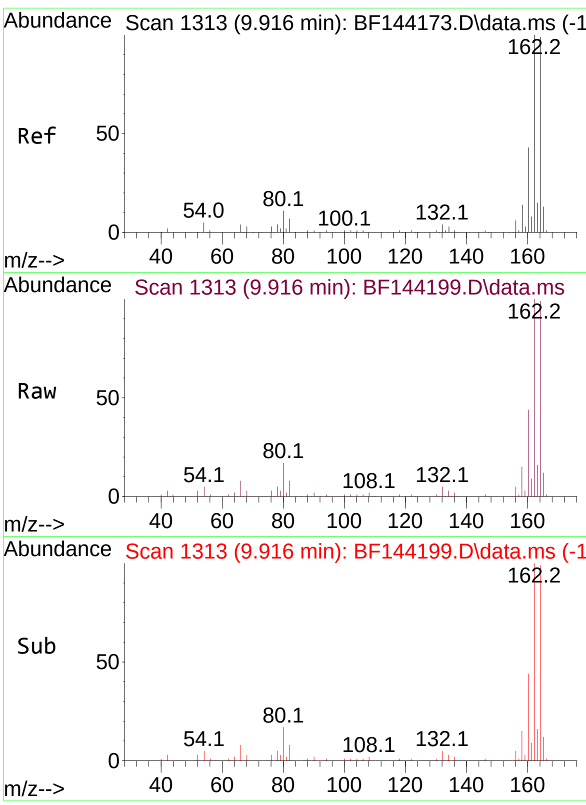


#23
Nitrobenzene-d5
Concen: 83.001 ng
RT: 7.434 min   Scan# 8
Delta R.T.   0.000 min
Lab File: BF144199.D
Acq: 11 Nov 2025   13:07

Tgt Ion: 82 Resp: 443974

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.7	52.1
54	65.2	49.5	74.3

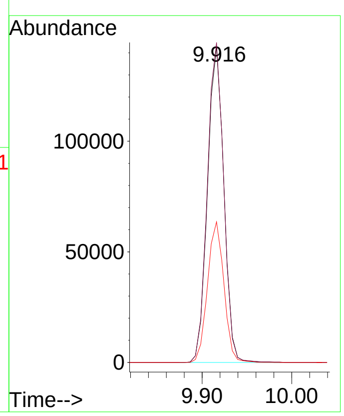




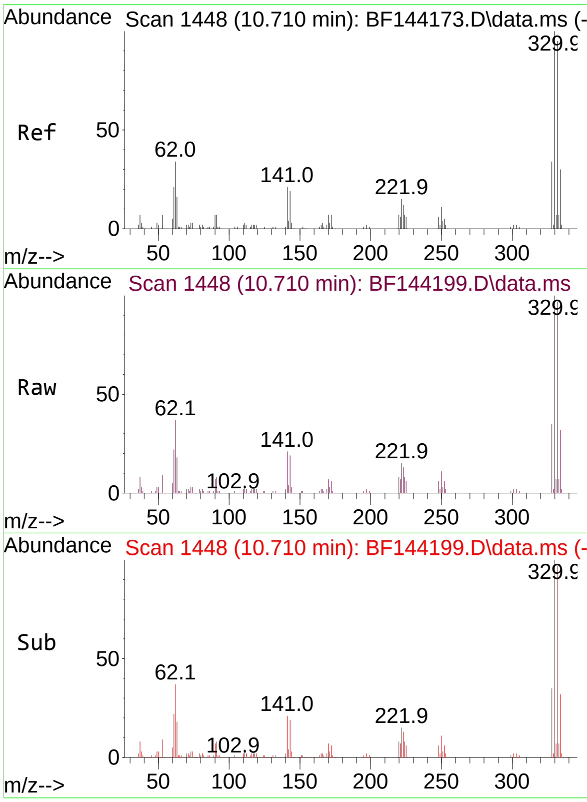
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min   Scan# 1313
Delta R.T.   -0.000 min
Lab File: BF144199.D
Acq: 11 Nov 2025   13:07

Tgt Ion:164 Resp: 180668

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.1	121.7
160	44.6	34.5	51.7



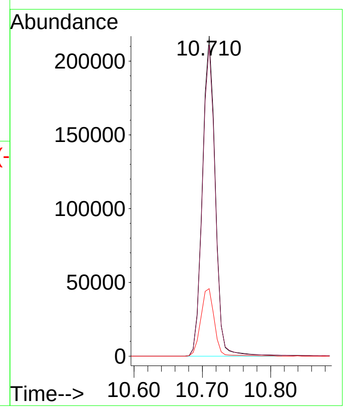
Instrument :
BNA_F
ClientSampleId :
PB170478BL

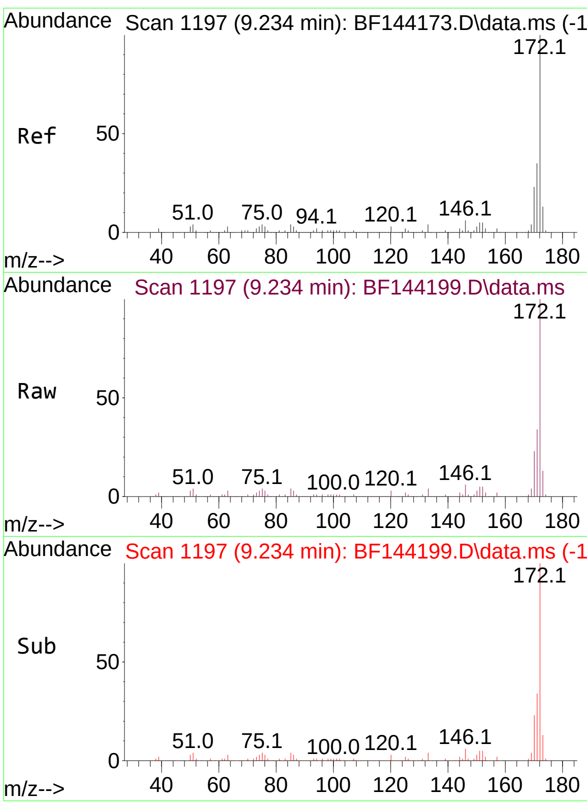


#42
2,4,6-Tribromophenol
Concen: 125.649 ng
RT: 10.710 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion:330 Resp: 284869

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.7	115.1
141	22.2	17.8	26.8

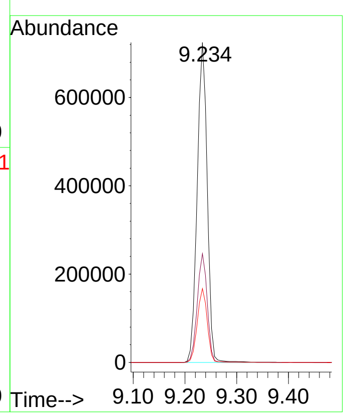




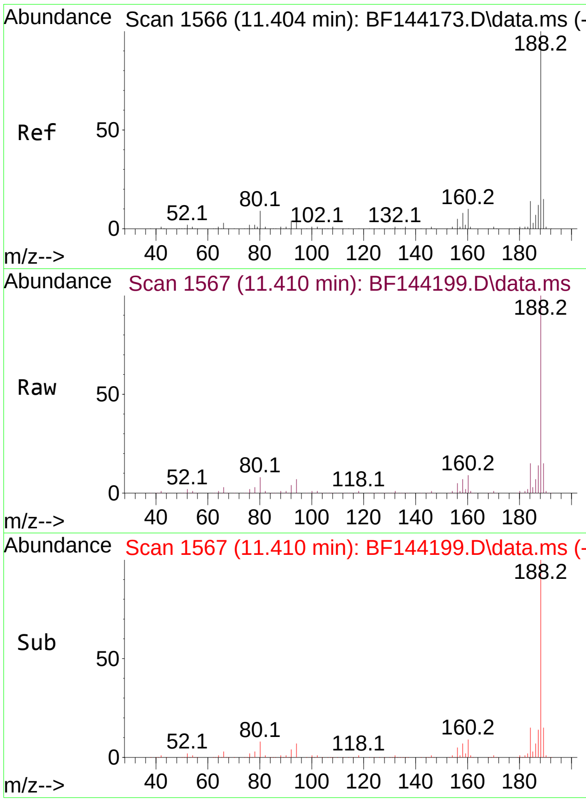
#45
2-Fluorobiphenyl
Concen: 79.780 ng
RT: 9.234 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion:172 Resp: 975916

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.1	42.1
170	23.1	18.6	28.0

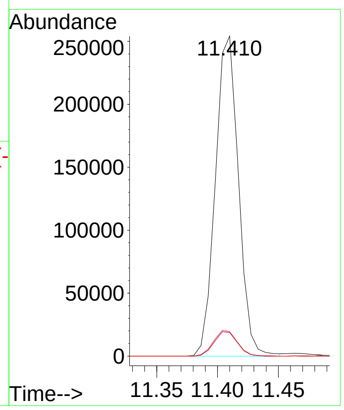


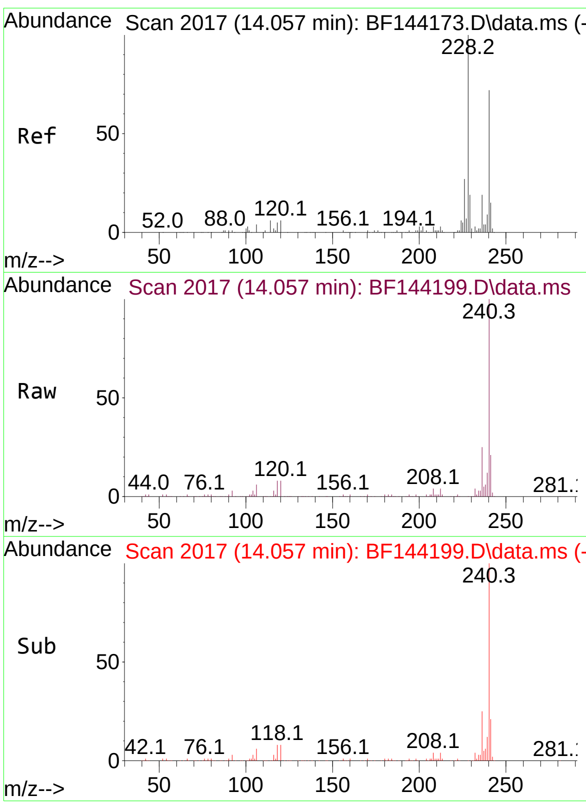
Instrument :
BNA_F
ClientSampleId :
PB170478BL




```
#64
Phenanthrene-d10
Concen:   20.000 ng
RT:  11.410 min  Scan# 1
Delta R.T.  0.006 min
Lab File:   BF144199.D
Acq: 11 Nov 2025  13:07

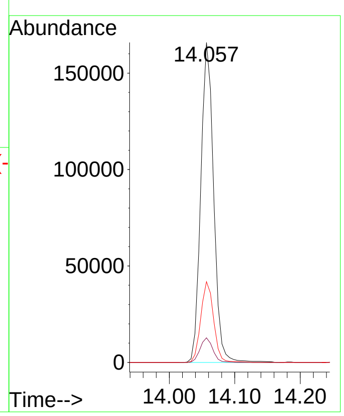
Tgt Ion:188 Resp:  336603
Ion  Ratio  Lower  Upper
188  100
 94    7.4    6.2    9.2
 80    7.6    6.9   10.3
```



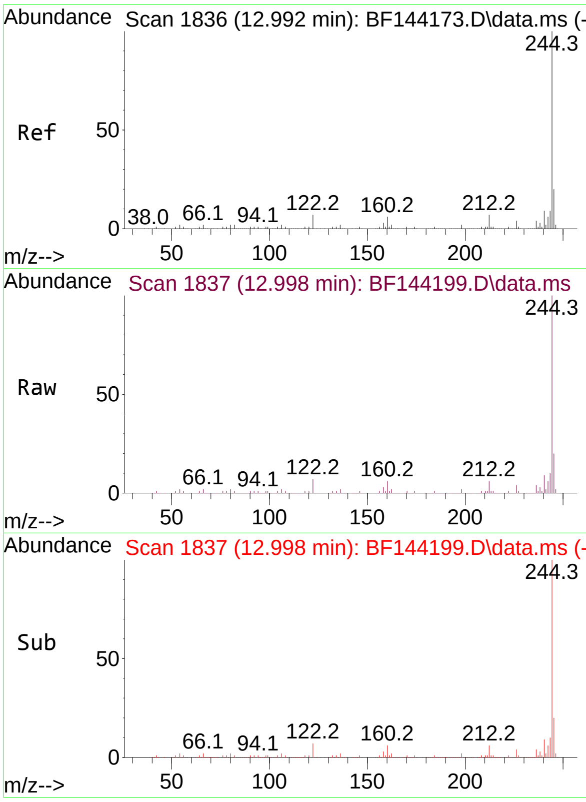



```
#76
Chrysene-d12
Concen:   20.000 ng
RT:  14.057 min  Scan# 2017
Delta R.T.  0.006 min
Lab File:   BF144199.D
Acq: 11 Nov 2025  13:07

Tgt Ion:240 Resp:  225293
Ion  Ratio  Lower  Upper
240  100
120    7.7    6.6   10.0
236   25.2   21.4   32.2
```

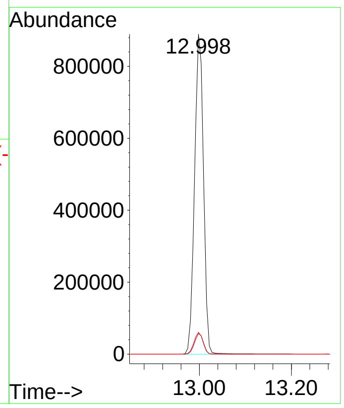


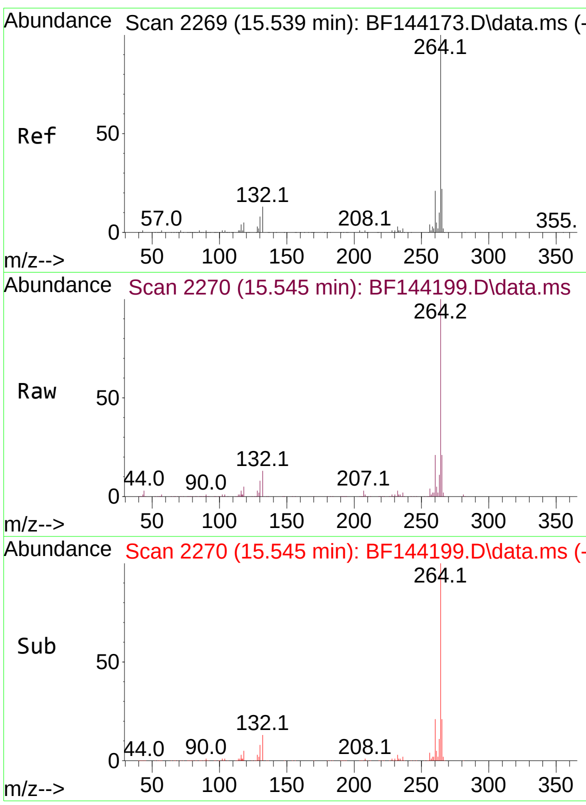
Instrument :
BNA_F
ClientSampleId :
PB170478BL




```
#79
Terphenyl-d14
Concen:   84.526 ng
RT:  12.998 min  Scan# 18
Delta R.T.  0.006 min
Lab File:   BF144199.D
Acq: 11 Nov 2025  13:07

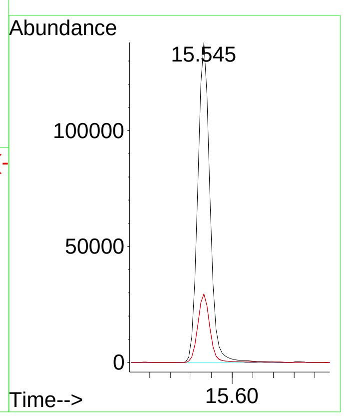
Tgt Ion:244 Resp: 1198876
Ion  Ratio  Lower  Upper
244  100
212    6.4    5.3    7.9
122    6.8    5.6    8.4
```






```
#86
Perylene-d12
Concen:   20.000 ng
RT:  15.545 min  Scan# 2270
Delta R.T.  0.006 min
Lab File:   BF144199.D
Acq: 11 Nov 2025  13:07

Tgt Ion:264 Resp:  226985
Ion  Ratio  Lower  Upper
264  100
260   21.5   17.1   25.7
265   21.4   17.4   26.0
```



Sample Results: **BF144199.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170478BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144199.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.122	492	498	509	rBV	20029	34020	1.18%	0.199%
2	5.504	557	563	585	rBV	1562184	2139432	73.95%	12.514%
3	6.504	727	733	752	rBV	1571253	2187793	75.62%	12.796%
4	6.875	791	796	801	rBV	378741	473668	16.37%	2.770%
5	7.434	885	891	907	rBV	1005188	1391541	48.10%	8.139%
6	8.157	1008	1014	1036	rBV	461030	618079	21.36%	3.615%
7	9.234	1191	1197	1202	rBV	1998604	2646740	91.49%	15.481%
8	9.916	1307	1313	1324	rVB	582305	736319	25.45%	4.307%
9	10.710	1442	1448	1466	rBV	1374052	1850076	63.95%	10.821%
10	11.410	1561	1567	1574	rBV	595555	788852	27.27%	4.614%
11	12.998	1831	1837	1843	rBV	2168477	2893029	100.00%	16.921%
12	14.057	2012	2017	2031	rVB	417789	558312	19.30%	3.266%
13	15.545	2264	2270	2281	rBV	326081	526637	18.20%	3.080%
14	17.263	2548	2562	2581	rBV3	49106	252473	8.73%	1.477%

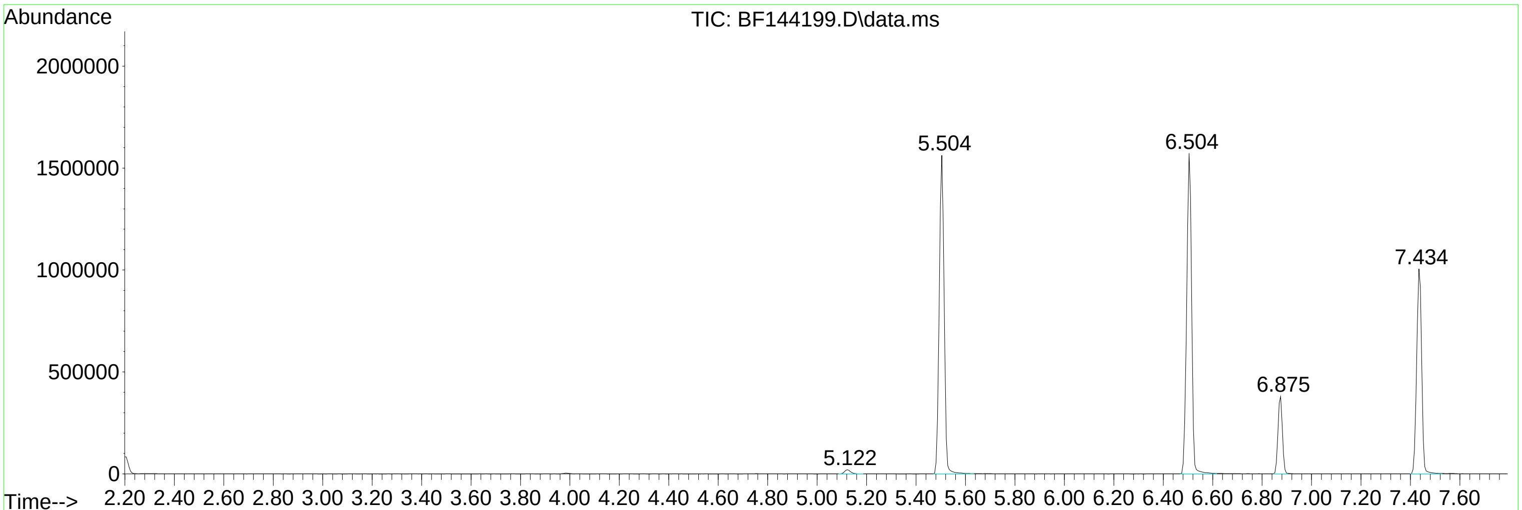
Sum of corrected areas: 17096971

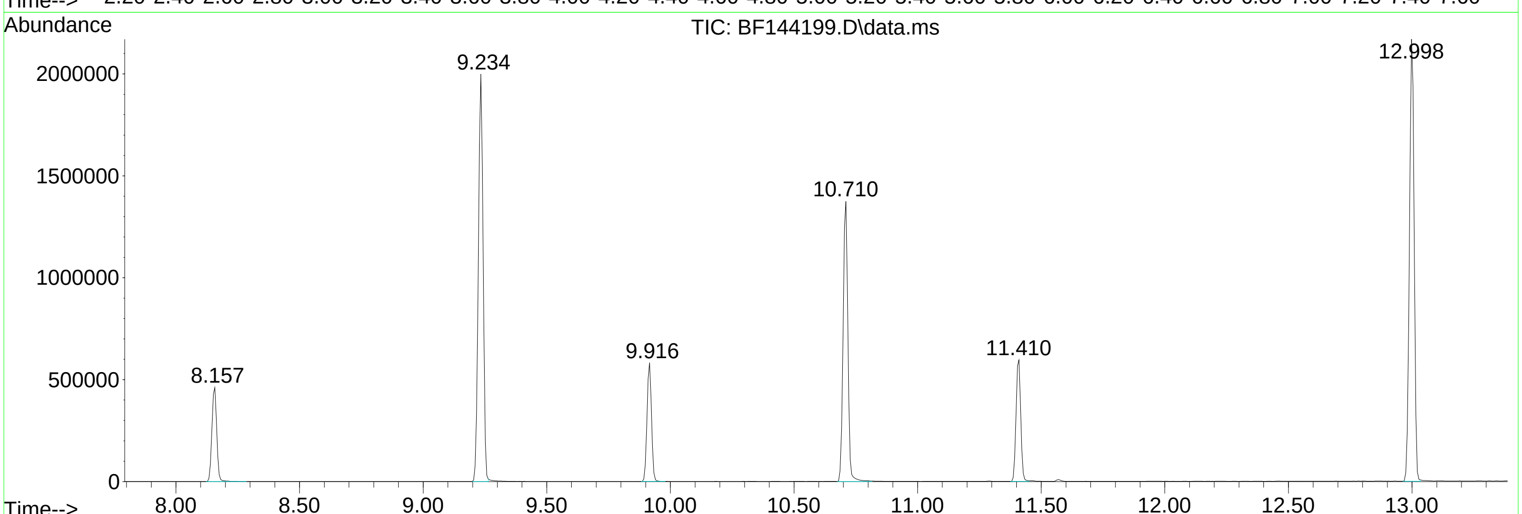
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

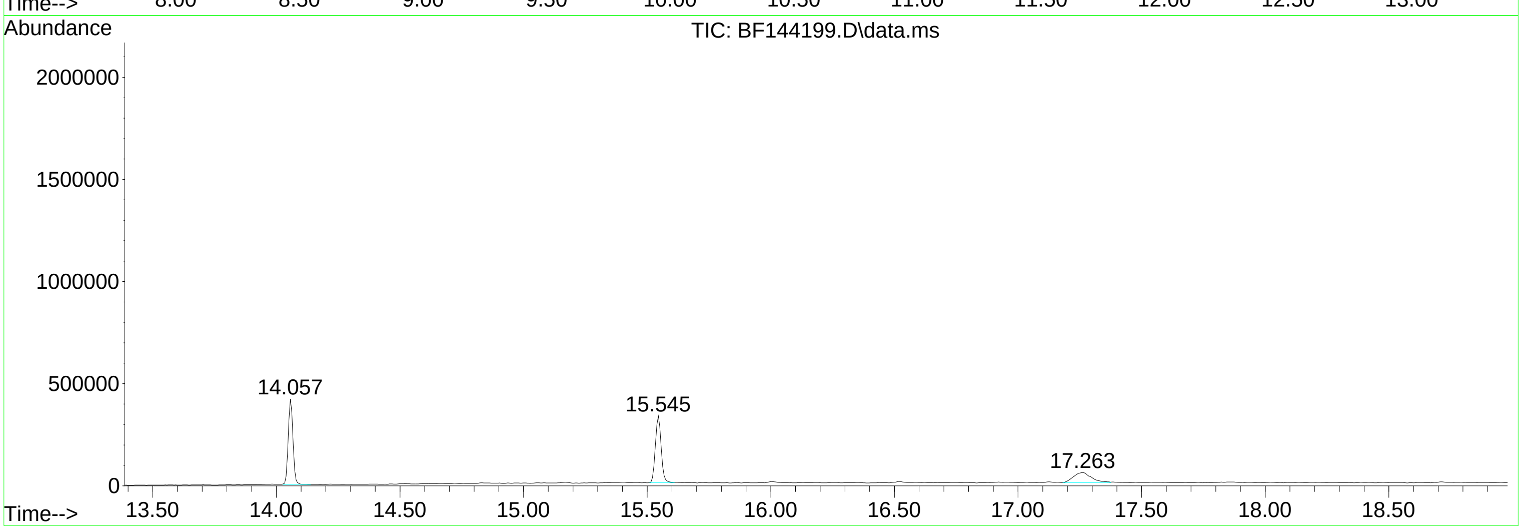
Instrument :
BNA_F
ClientSampleId :
PB170478BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Library Search Compound Report

Sample Results: **BF144199.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

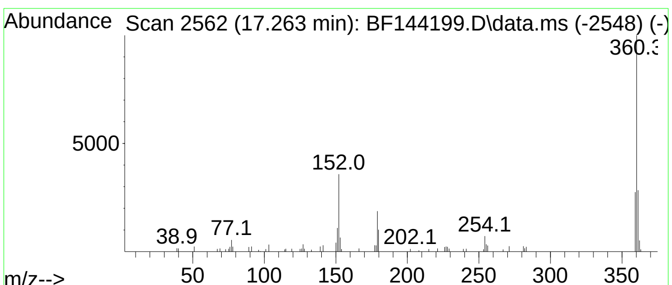
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

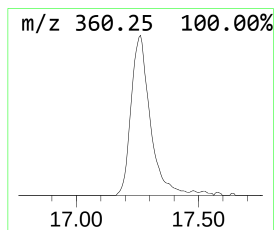
****

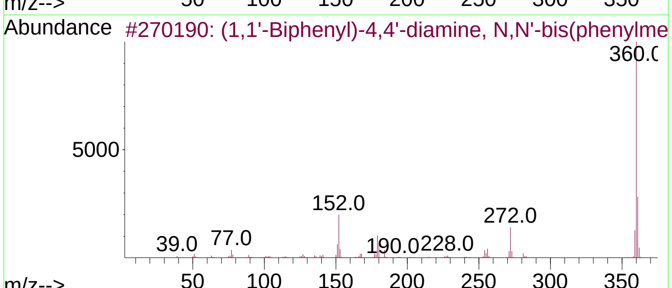
Peak Number 1 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 1

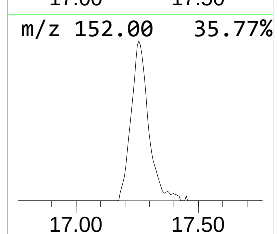
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.262	9.59 ng	252473	Perylene-d12	15.545

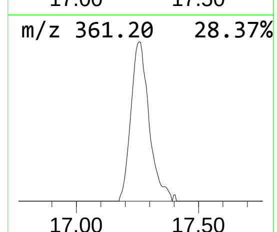
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	93
2	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	58
3	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	53
4	N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	52
5	1H-isoindole-1,3(2H)-dione, 2-[5...	360	C21H16N2O4	1000398-48-8	50

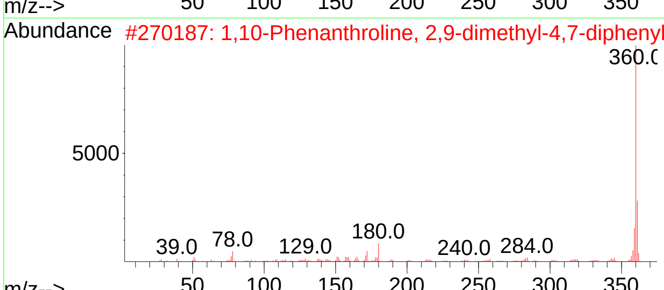


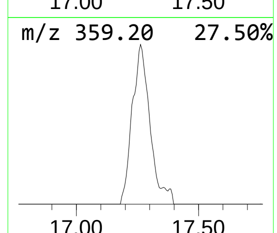


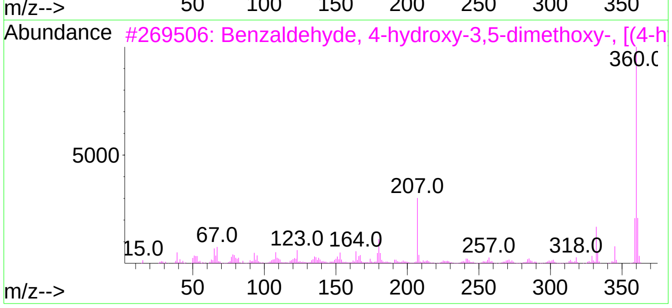


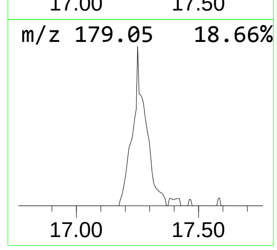












Sample Results: **BF144199.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(1,1'-Biphenyl)...	17.262	9.6	ng	252473	6	15.545	526637	20.0

Raw Data: **BF144200.D**

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170478BS			SDG No.:	Q3586
Lab Sample ID:	PB170478BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1100		1	160	330	ug/Kg	11/11/25 13:36	PB170478
108-95-2	Phenol	1400		1	22.1	170	ug/Kg	11/11/25 13:36	PB170478
111-44-4	bis(2-Chloroethyl)ether	1400		1	24.3	170	ug/Kg	11/11/25 13:36	PB170478
95-57-8	2-Chlorophenol	1400		1	24.4	170	ug/Kg	11/11/25 13:36	PB170478
95-48-7	2-Methylphenol	1400		1	29.9	170	ug/Kg	11/11/25 13:36	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	1500		1	37.5	170	ug/Kg	11/11/25 13:36	PB170478
98-86-2	Acetophenone	1600		1	29.5	170	ug/Kg	11/11/25 13:36	PB170478
65794-96-9	3+4-Methylphenols	1400		1	41.1	330	ug/Kg	11/11/25 13:36	PB170478
621-64-7	n-Nitroso-di-n-propylamine	1400		1	47.4	79.9	ug/Kg	11/11/25 13:36	PB170478
67-72-1	Hexachloroethane	1400		1	17.6	170	ug/Kg	11/11/25 13:36	PB170478
98-95-3	Nitrobenzene	1500		1	18.3	170	ug/Kg	11/11/25 13:36	PB170478
78-59-1	Isophorone	1500		1	32.8	170	ug/Kg	11/11/25 13:36	PB170478
88-75-5	2-Nitrophenol	1500		1	58.2	170	ug/Kg	11/11/25 13:36	PB170478
105-67-9	2,4-Dimethylphenol	1600		1	64.8	170	ug/Kg	11/11/25 13:36	PB170478
111-91-1	bis(2-Chloroethoxy)methane	1500		1	30.8	170	ug/Kg	11/11/25 13:36	PB170478
120-83-2	2,4-Dichlorophenol	1400		1	28.3	170	ug/Kg	11/11/25 13:36	PB170478
91-20-3	Naphthalene	1500		1	22.7	170	ug/Kg	11/11/25 13:36	PB170478
106-47-8	4-Chloroaniline	850		1	35.4	170	ug/Kg	11/11/25 13:36	PB170478
87-68-3	Hexachlorobutadiene	1500		1	25.3	170	ug/Kg	11/11/25 13:36	PB170478
105-60-2	Caprolactam	1500		1	52.1	330	ug/Kg	11/11/25 13:36	PB170478
59-50-7	4-Chloro-3-methylphenol	1500		1	28.7	170	ug/Kg	11/11/25 13:36	PB170478
91-57-6	2-Methylnaphthalene	1300		1	25.6	170	ug/Kg	11/11/25 13:36	PB170478
77-47-4	Hexachlorocyclopentadiene	3000	E	1	120	330	ug/Kg	11/11/25 13:36	PB170478
88-06-2	2,4,6-Trichlorophenol	1400		1	19.8	170	ug/Kg	11/11/25 13:36	PB170478
95-95-4	2,4,5-Trichlorophenol	1400		1	29.1	170	ug/Kg	11/11/25 13:36	PB170478
92-52-4	1,1-Biphenyl	1600		1	21.8	170	ug/Kg	11/11/25 13:36	PB170478
91-58-7	2-Chloronaphthalene	1400		1	22.5	170	ug/Kg	11/11/25 13:36	PB170478
88-74-4	2-Nitroaniline	1500		1	48.1	170	ug/Kg	11/11/25 13:36	PB170478
131-11-3	Dimethylphthalate	1500		1	27.1	170	ug/Kg	11/11/25 13:36	PB170478
208-96-8	Acenaphthylene	1600		1	28.9	170	ug/Kg	11/11/25 13:36	PB170478
606-20-2	2,6-Dinitrotoluene	1600		1	33.6	170	ug/Kg	11/11/25 13:36	PB170478
99-09-2	3-Nitroaniline	1000		1	46.0	170	ug/Kg	11/11/25 13:36	PB170478
83-32-9	Acenaphthene	1300		1	21.3	170	ug/Kg	11/11/25 13:36	PB170478
51-28-5	2,4-Dinitrophenol	2900	E	1	230	330	ug/Kg	11/11/25 13:36	PB170478
100-02-7	4-Nitrophenol	2600		1	110	330	ug/Kg	11/11/25 13:36	PB170478
132-64-9	Dibenzofuran	1400		1	22.7	170	ug/Kg	11/11/25 13:36	PB170478
121-14-2	2,4-Dinitrotoluene	1500		1	50.1	170	ug/Kg	11/11/25 13:36	PB170478
84-66-2	Diethylphthalate	1500		1	28.3	170	ug/Kg	11/11/25 13:36	PB170478
7005-72-3	4-Chlorophenyl-phenylether	1400		1	26.7	170	ug/Kg	11/11/25 13:36	PB170478
86-73-7	Fluorene	1500		1	25.3	170	ug/Kg	11/11/25 13:36	PB170478
100-01-6	4-Nitroaniline	1500		1	64.2	170	ug/Kg	11/11/25 13:36	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	1400		1	100	330	ug/Kg	11/11/25 13:36	PB170478

Raw Data: **BF144200.D**

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170478BS			SDG No.:	Q3586
Lab Sample ID:	PB170478BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500		1	32.9	170	ug/Kg	11/11/25 13:36	PB170478
101-55-3	4-Bromophenyl-phenylether	1500		1	27.8	170	ug/Kg	11/11/25 13:36	PB170478
118-74-1	Hexachlorobenzene	1500		1	25.3	170	ug/Kg	11/11/25 13:36	PB170478
1912-24-9	Atrazine	1600		1	34.0	170	ug/Kg	11/11/25 13:36	PB170478
87-86-5	Pentachlorophenol	3100	E	1	51.3	330	ug/Kg	11/11/25 13:36	PB170478
85-01-8	Phenanthrene	1500		1	20.9	170	ug/Kg	11/11/25 13:36	PB170478
120-12-7	Anthracene	1500		1	33.3	170	ug/Kg	11/11/25 13:36	PB170478
86-74-8	Carbazole	1500		1	31.2	170	ug/Kg	11/11/25 13:36	PB170478
84-74-2	Di-n-butylphthalate	1500		1	47.9	170	ug/Kg	11/11/25 13:36	PB170478
206-44-0	Fluoranthene	1400		1	30.0	170	ug/Kg	11/11/25 13:36	PB170478
129-00-0	Pyrene	1500		1	36.0	170	ug/Kg	11/11/25 13:36	PB170478
85-68-7	Butylbenzylphthalate	1600		1	71.4	170	ug/Kg	11/11/25 13:36	PB170478
91-94-1	3,3-Dichlorobenzidine	1200		1	36.7	330	ug/Kg	11/11/25 13:36	PB170478
56-55-3	Benzo(a)anthracene	1500		1	23.0	170	ug/Kg	11/11/25 13:36	PB170478
218-01-9	Chrysene	1500		1	19.9	170	ug/Kg	11/11/25 13:36	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	1500		1	59.2	170	ug/Kg	11/11/25 13:36	PB170478
117-84-0	Di-n-octyl phthalate	1500		1	86.7	330	ug/Kg	11/11/25 13:36	PB170478
205-99-2	Benzo(b)fluoranthene	1700		1	19.0	170	ug/Kg	11/11/25 13:36	PB170478
207-08-9	Benzo(k)fluoranthene	1400		1	22.4	170	ug/Kg	11/11/25 13:36	PB170478
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	11/11/25 13:36	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	29.1	170	ug/Kg	11/11/25 13:36	PB170478
53-70-3	Dibenzo(a,h)anthracene	1600		1	27.4	170	ug/Kg	11/11/25 13:36	PB170478
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	11/11/25 13:36	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		1	25.6	170	ug/Kg	11/11/25 13:36	PB170478
123-91-1	1,4-Dioxane	1200		1	45.2	170	ug/Kg	11/11/25 13:36	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	1500		1	27.4	170	ug/Kg	11/11/25 13:36	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	115			30 (10) - 130 (105)	76%	SPK: 150		
13127-88-3	Phenol-d6	112			30 (10) - 130 (103)	75%	SPK: 150		
4165-60-0	Nitrobenzene-d5	83.4			30 (10) - 130 (108)	83%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.0			30 (10) - 130 (108)	79%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	121			30 (10) - 130 (116)	81%	SPK: 150		
1718-51-0	Terphenyl-d14	82.9			30 (10) - 130 (109)	83%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	75300							
1146-65-2	Naphthalene-d8	283000							
15067-26-2	Acenaphthene-d10	160000							
1517-22-2	Phenanthrene-d10	268000							
1719-03-5	Chrysene-d12	166000							
1520-96-3	Perylene-d12	209000							

Raw Data: **BF144200.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170478BS			SDG No.:	Q3586
Lab Sample ID:	PB170478BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **BF144200.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144200.D
Acq On : 11 Nov 2025 13:36
Operator : RC/JU
Sample : PB170478BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Quant Time: Nov 11 13:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	75320	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	282587	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	160149	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	268017	20.000	ng	0.00
76) Chrysene-d12	14.063	240	166103	20.000	ng	0.01
86) Perylene-d12	15.545	264	208533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	551140	114.507	ng	0.01
7) Phenol-d6	6.510	99	612261	112.265	ng	0.01
23) Nitrobenzene-d5	7.439	82	408124	83.412	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	243773	121.299	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	856486	78.987	ng	0.00
79) Terphenyl-d14	12.998	244	866540	82.865	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	69787	35.071	ng	96
3) Pyridine	3.469	79	192404	34.657	ng	99
4) n-Nitrosodimethylamine	3.410	42	136976	47.235	ng	94
6) Aniline	6.540	93	266948	34.355	ng	94
8) 2-Chlorophenol	6.663	128	202619	42.926	ng	98
9) Benzaldehyde	6.428	77	100143	32.518	ng	97
10) Phenol	6.522	94	279333	41.921	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	208389	42.920	ng	97
12) 1,3-Dichlorobenzene	6.816	146	241625	41.484	ng	99
13) 1,4-Dichlorobenzene	6.892	146	253427	43.430	ng	99
14) 1,2-Dichlorobenzene	7.045	146	241447	43.169	ng	99
15) Benzyl Alcohol	7.016	79	196161	45.424	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	397303	44.436	ng	93
17) 2-Methylphenol	7.128	107	162150	43.181	ng	97
18) Hexachloroethane	7.386	117	83780	43.215	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	154528	43.042	ng	94
20) 3+4-Methylphenols	7.281	107	184122	41.595	ng	93
22) Acetophenone	7.287	105	290309	47.889	ng	96
24) Nitrobenzene	7.457	77	234871	44.211	ng	99
25) Isophorone	7.698	82	416737	45.029	ng	99
26) 2-Nitrophenol	7.775	139	115191	43.802	ng	96
27) 2,4-Dimethylphenol	7.810	122	190067	48.221	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	257957	44.634	ng	96
29) 2,4-Dichlorophenol	8.016	162	193822	42.664	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	208428	44.679	ng	98
31) Naphthalene	8.181	128	585699	43.571	ng	99
32) Benzoic acid	7.939	122	131726	45.592	ng	96
33) 4-Chloroaniline	8.228	127	124369	25.368	ng	99
34) Hexachlorobutadiene	8.292	225	154326	43.896	ng	99
35) Caprolactam	8.598	113	56688m	45.546	ng	
36) 4-Chloro-3-methylphenol	8.716	107	182799	44.898	ng	99
37) 2-Methylnaphthalene	8.869	142	356464	39.662	ng	99
38) 1-Methylnaphthalene	8.969	142	368954	42.546	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	246104	46.890	ng	98
41) Hexachlorocyclopentadiene	9.022	237	197419	91.222	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	153139	42.869	ng	100

Sample Results: **BF144200.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144200.D
Acq On   : 11 Nov 2025 13:36
Operator : RC/JU
Sample   : PB170478BS
Misc   :
ALS Vial : 4   Sample Multiplier: 1

Quant Time: Nov 11 13:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli   11/12/2025
Supervised By :Jagrut Upadhyay   11/12/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	159933	41.540 ng	99
46) 1,1'-Biphenyl	9.339	154	524494	46.918 ng	99
47) 2-Chloronaphthalene	9.363	162	396675	41.599 ng	98
48) 2-Nitroaniline	9.463	65	126485	45.972 ng	99
49) Acenaphthylene	9.780	152	629798	48.466 ng	98
50) Dimethylphthalate	9.639	163	474893	44.761 ng	99
51) 2,6-Dinitrotoluene	9.704	165	102027	47.505 ng	98
52) Acenaphthene	9.951	154	345560	39.767 ng	98
53) 3-Nitroaniline	9.875	138	72985	31.087 ng	99
54) 2,4-Dinitrophenol	9.986	184	112309	86.597 ng	98
55) Dibenzofuran	10.122	168	509223	41.842 ng	98
56) 4-Nitrophenol	10.039	139	134569	79.237 ng	93
57) 2,4-Dinitrotoluene	10.110	165	130747	45.475 ng	93
58) Fluorene	10.469	166	403013	43.554 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	124788	45.811 ng	97
60) Diethylphthalate	10.339	149	442821	45.276 ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	222229	42.162 ng	95
62) 4-Nitroaniline	10.492	138	98043	43.851 ng	98
63) Azobenzene	10.622	77	419160	46.050 ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	77843	42.753 ng	97
66) n-Nitrosodiphenylamine	10.580	169	394291	45.741 ng	99
67) 4-Bromophenyl-phenylether	10.951	248	151509	44.288 ng	98
68) Hexachlorobenzene	11.016	284	182575	45.310 ng	98
69) Atrazine	11.104	200	129589	47.271 ng	99
70) Pentachlorophenol	11.216	266	188539	93.963 ng	99
71) Phenanthrene	11.433	178	587824	44.051 ng	100
72) Anthracene	11.486	178	594138	43.787 ng	99
73) Carbazole	11.639	167	504944	43.764 ng	99
74) Di-n-butylphthalate	11.969	149	635124	45.535 ng	99
75) Fluoranthene	12.627	202	593499	43.055 ng	99
77) Benzidine	12.751	184	127913	26.035 ng	99
78) Pyrene	12.857	202	595945	44.498 ng	99
80) Butylbenzylphthalate	13.474	149	218599	47.094 ng	97
81) Benzo(a)anthracene	14.051	228	527718	45.840 ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	137930	34.954 ng	96
83) Chrysene	14.086	228	467136	43.956 ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	295568	46.515 ng	97
85) Di-n-octyl phthalate	14.645	149	506010	46.155 ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	690764	46.145 ng	99
88) Benzo(b)fluoranthene	15.110	252	612732	51.683 ng	99
89) Benzo(k)fluoranthene	15.139	252	478154	43.090 ng	99
90) Benzo(a)pyrene	15.480	252	532196	48.659 ng	98
91) Dibenzo(a,h)anthracene	17.068	278	573506	47.705 ng	99
92) Benzo(g,h,i)perylene	17.509	276	584704	49.251 ng	99

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

Quantitation Report   (QT Reviewed)

Sample Results: **BF144200.D**

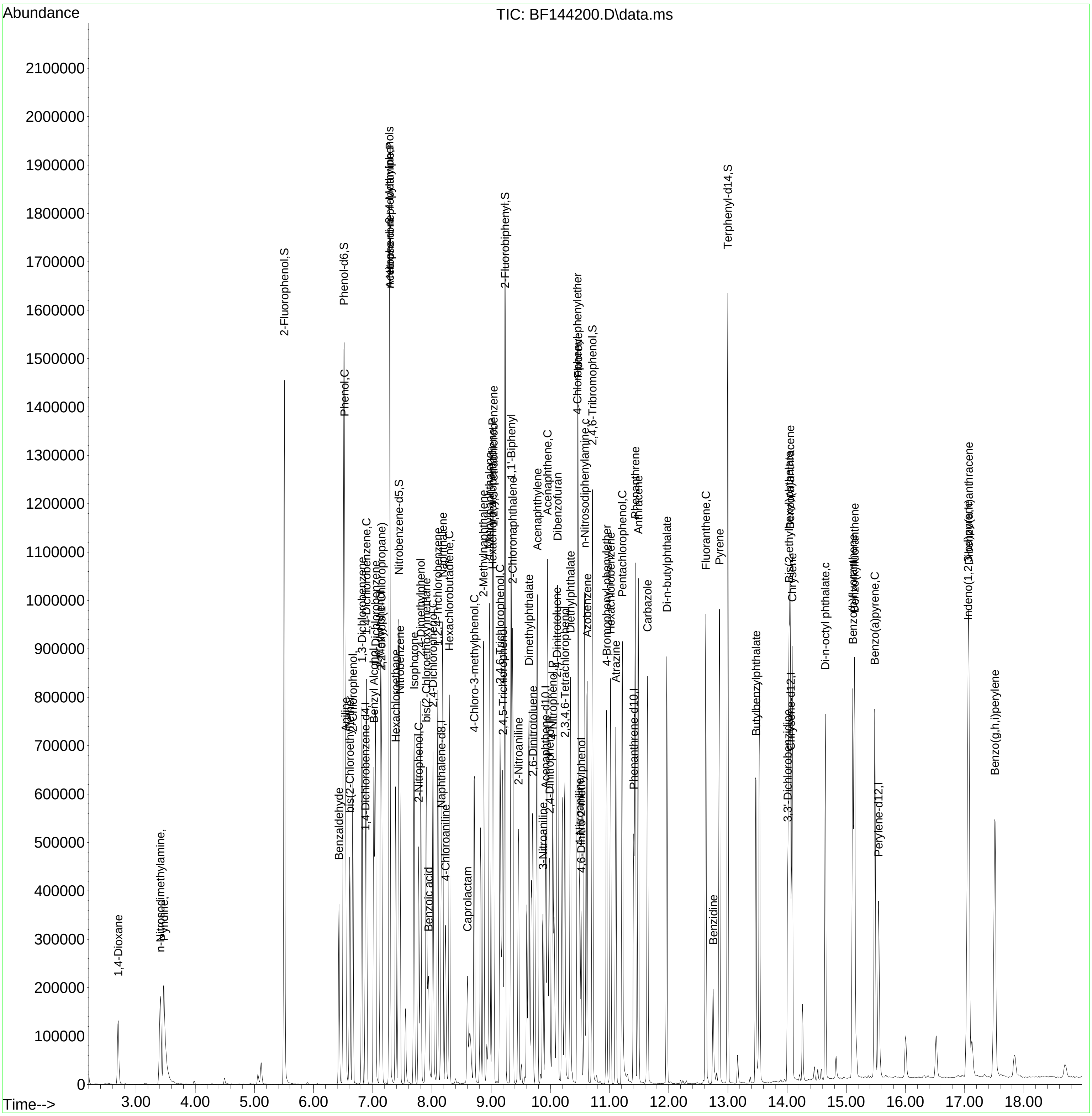
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144200.D
Acq On   : 11 Nov 2025 13:36
Operator : RC/JU
Sample   : PB170478BS
Misc   :
ALS Vial : 4   Sample Multiplier: 1

Quant Time: Nov 11 13:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli   11/12/2025
Supervised By :Jagrut Upadhyay   11/12/2025

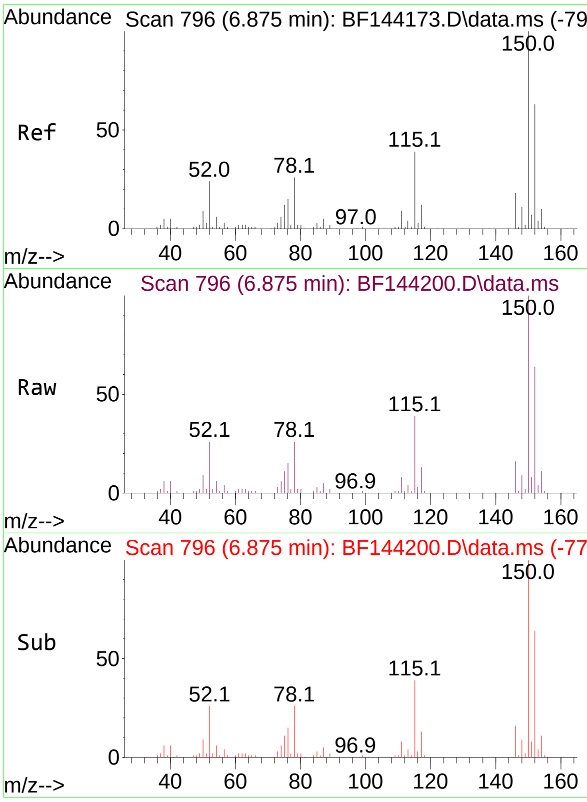


Sample Results: **BF144200.D**

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations
APPROVED

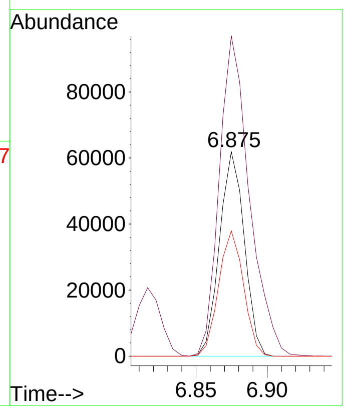
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

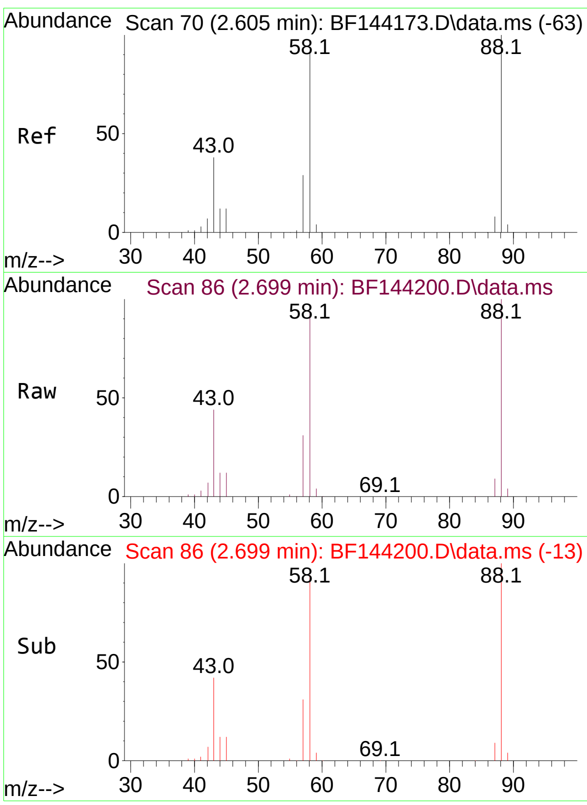


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:152 Resp: 7532

Ion	Ratio	Lower	Upper
152	100		
150	156.7	127.4	191.0
115	61.3	49.5	74.3

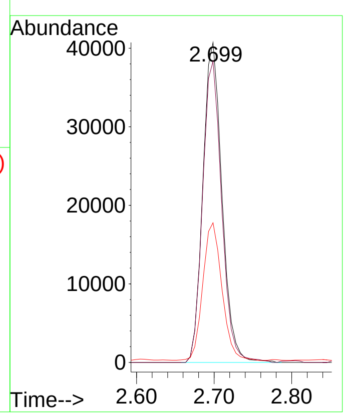


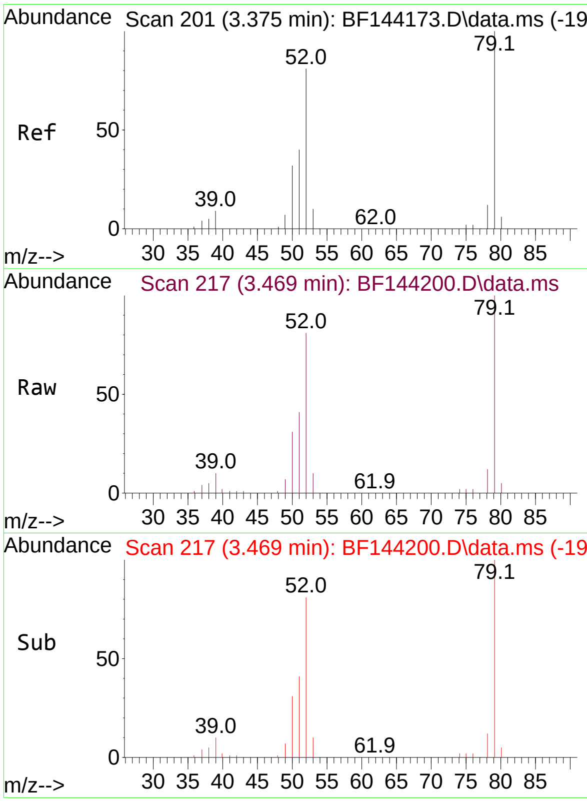


#2
1,4-Dioxane
Concen: 35.071 ng
RT: 2.699 min Scan# 86
Delta R.T. 0.082 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion: 88 Resp: 69787

Ion	Ratio	Lower	Upper
88	100		
58	93.6	73.1	109.7
43	42.8	31.0	46.6





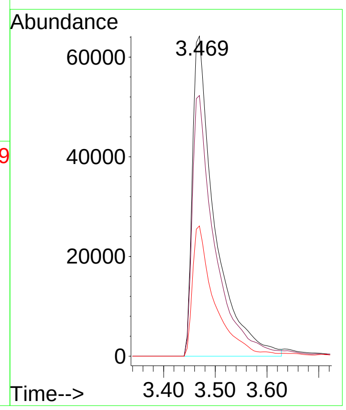
#3
Pyridine
Concen: 34.657 ng
RT: 3.469 min Scan# 2
Delta R.T. 0.059 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

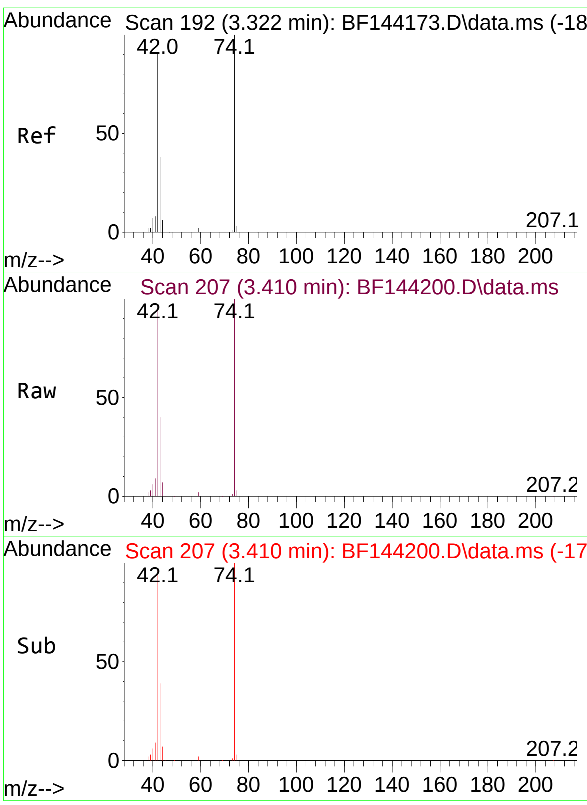
Tgt Ion: 79 Resp: 192404

Ion	Ratio	Lower	Upper
79	100		
52	81.4	64.5	96.7
51	40.7	31.7	47.5

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

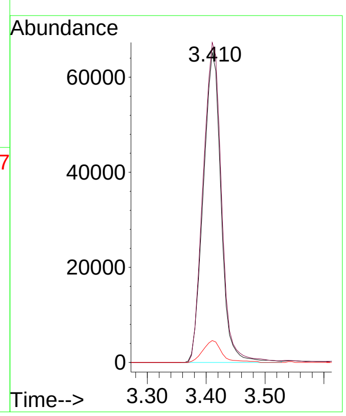




#4
n-Nitrosodimethylamine
Concen: 47.235 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.065 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

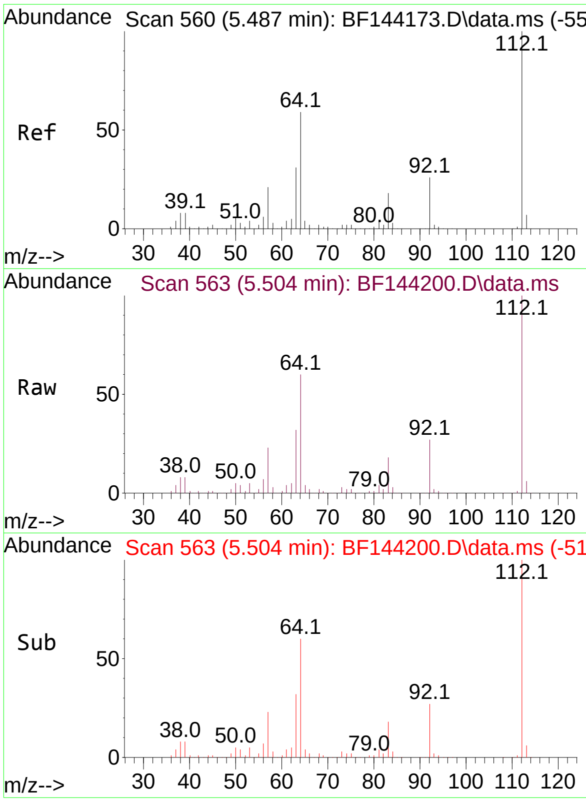
Tgt Ion: 42 Resp: 136976

Ion	Ratio	Lower	Upper
42	100		
74	103.3	88.2	132.4
44	7.1	5.7	8.5



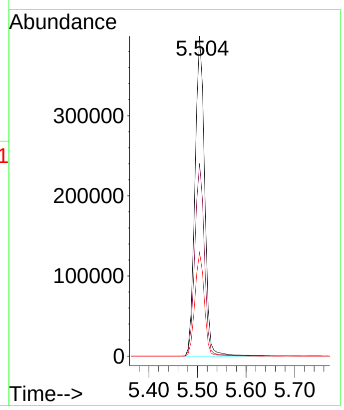
Instrument :
BNA_F
ClientSampleId :
PB170478BS

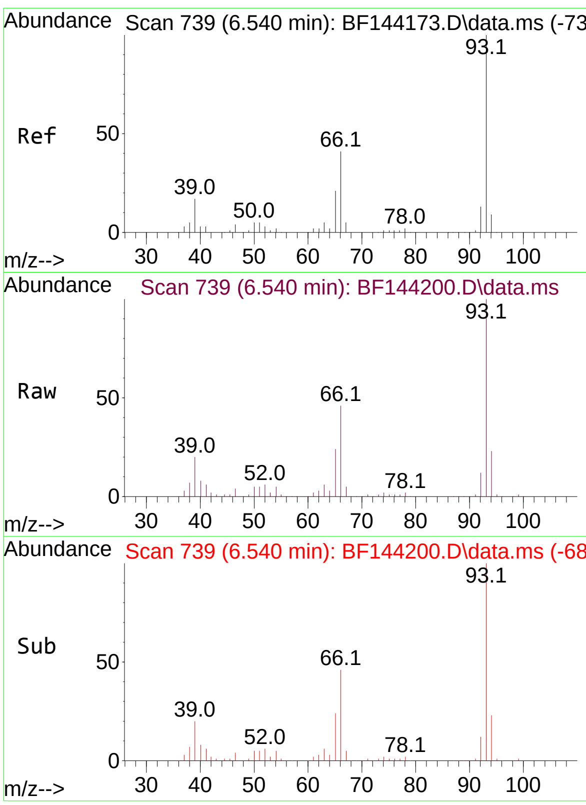
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025




```
#5
2-Fluorophenol
Concen:  114.507 ng
RT:    5.504 min   Scan# 56
Delta R.T.   0.012 min
Lab File:    BF144200.D
Acq: 11 Nov 2025   13:36

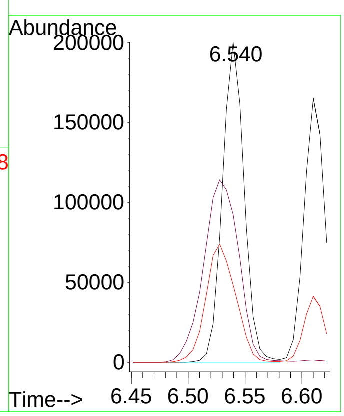
Tgt Ion:112 Resp:   55114
Ion   Ratio   Lower   Upper
112   100
 64    60.2    47.2    70.8
 63    32.4    24.4    36.6
```

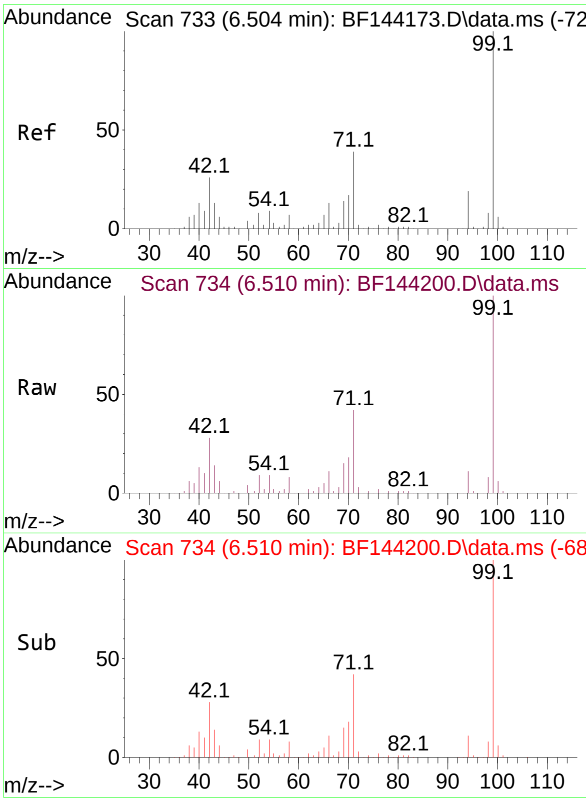





```
#6
Aniline
Concen:   34.355 ng
RT:    6.540 min   Scan# 739
Delta R.T.   0.006 min
Lab File:    BF144200.D
Acq: 11 Nov 2025   13:36

Tgt Ion: 93 Resp:   266948
Ion   Ratio   Lower   Upper
 93   100
 66    46.2    34.3    51.5
 65    24.1    16.9    25.3
```

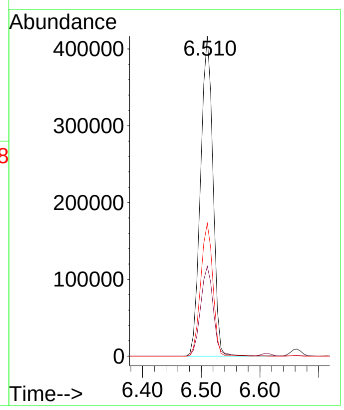




#7
Phenol-d6
Concen: 112.265 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion: 99 Resp: 61226

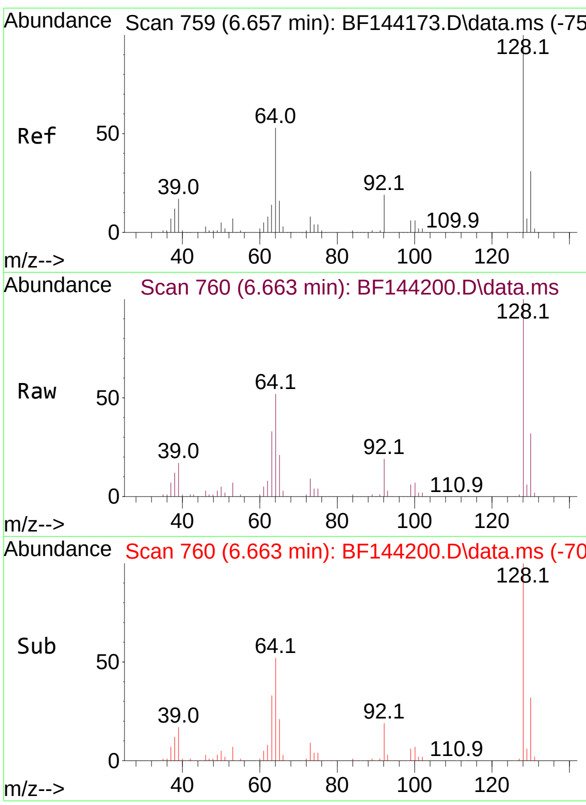
Ion	Ratio	Lower	Upper
99	100		
42	28.1	20.9	31.3
71	41.5	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations
APPROVED

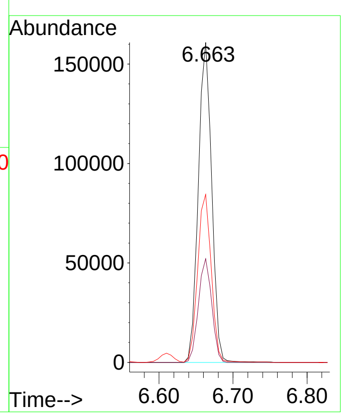
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#8
2-Chlorophenol
Concen: 42.926 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:128 Resp: 202619

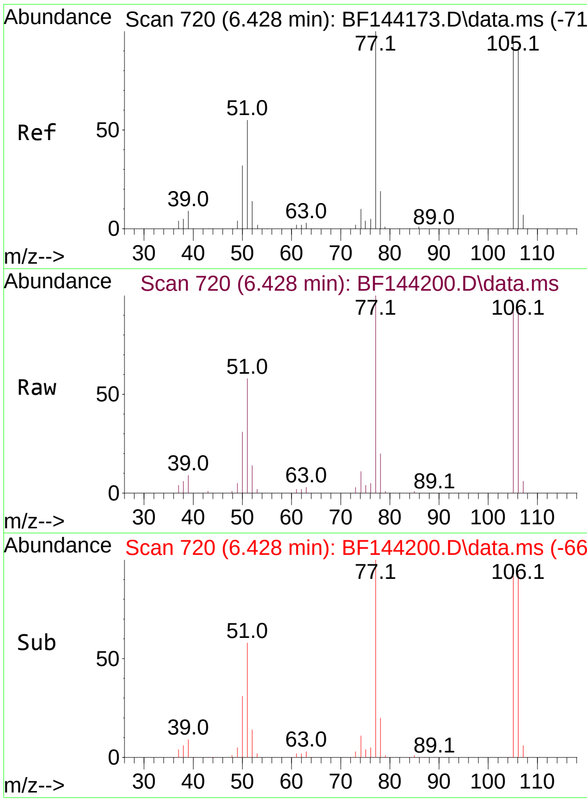
Ion	Ratio	Lower	Upper
128	100		
130	32.4	10.5	50.5
64	52.5	33.2	73.2



Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations
APPROVED

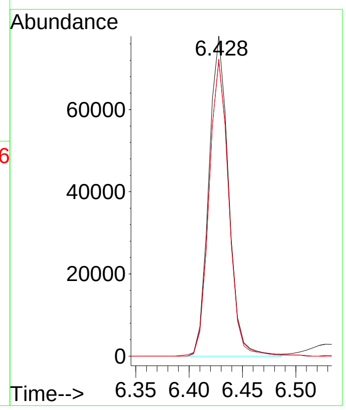
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

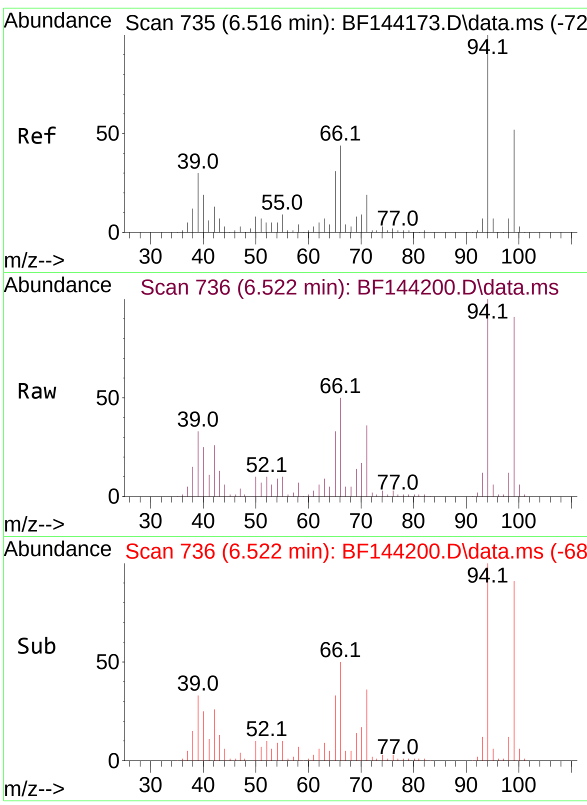


#9
Benzaldehyde
Concen: 32.518 ng
RT: 6.428 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion: 77 Resp: 10014

Ion	Ratio	Lower	Upper
77	100		
105	92.2	77.2	117.2
106	92.9	72.2	112.2

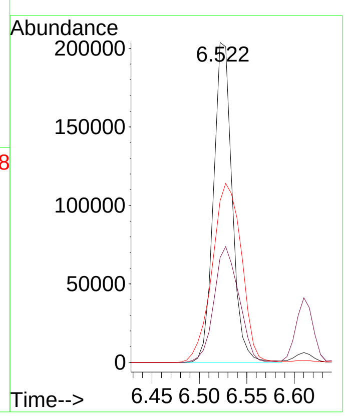


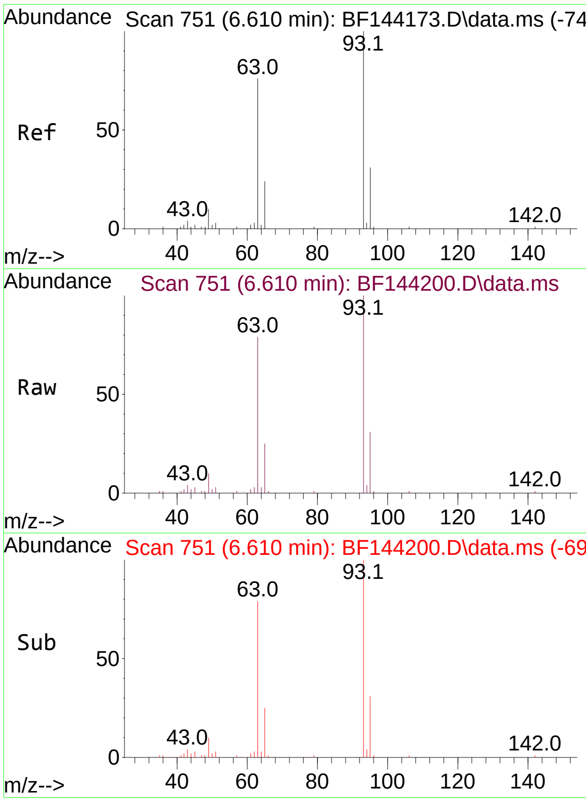


#10
Phenol
Concen: 41.921 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.012 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion: 94 Resp: 279333

Ion	Ratio	Lower	Upper
94	100		
65	32.7	10.8	50.8
66	50.5	24.3	64.3





#11
bis(2-Chloroethyl)ether
Concen: 42.920 ng
RT: 6.610 min Scan# 75
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

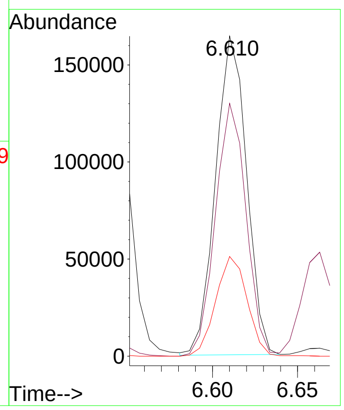
Instrument :
BNA_F
ClientSampleId :
PB170478BS

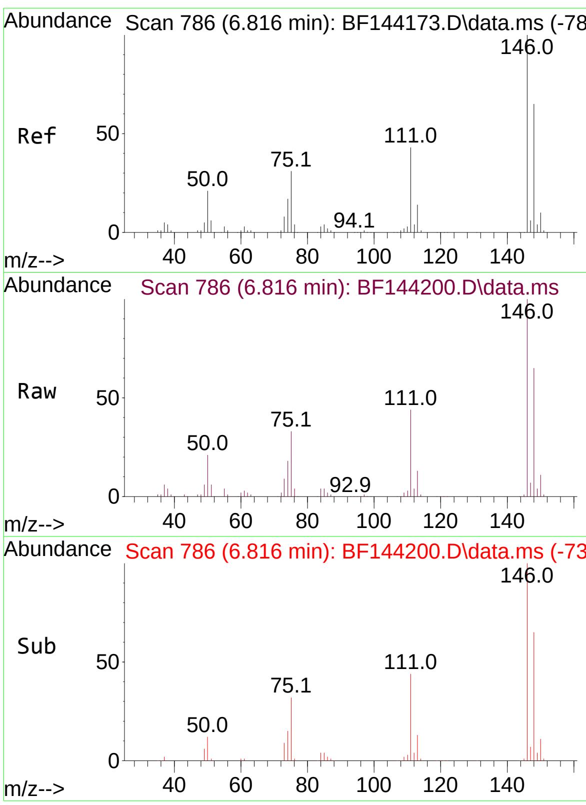
Tgt Ion: 93 Resp: 20838

Ion	Ratio	Lower	Upper
93	100		
63	79.0	55.2	95.2
95	31.1	11.2	51.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

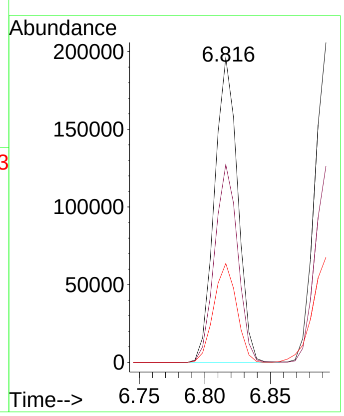


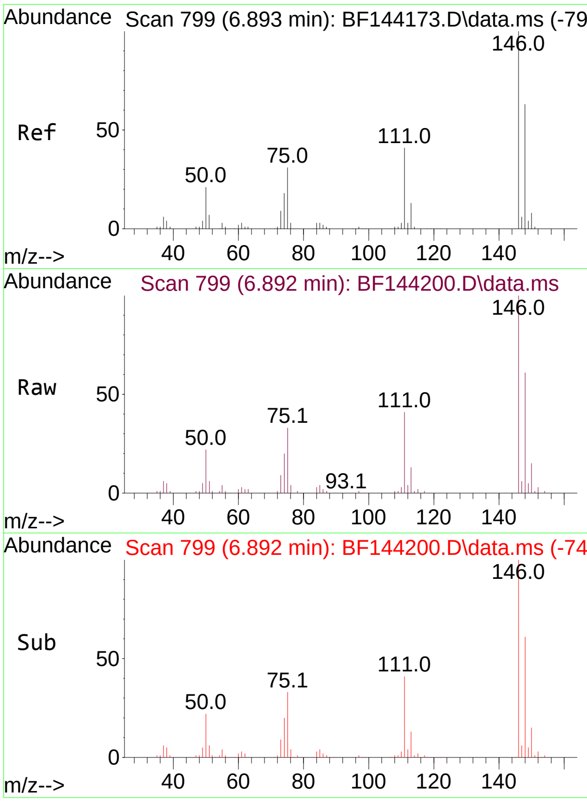


#12
1,3-Dichlorobenzene
Concen: 41.484 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:146 Resp: 241625

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	32.5	25.0	37.4

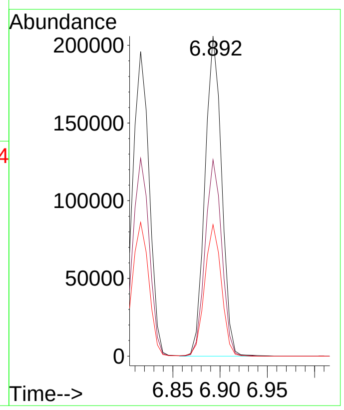




#13
1,4-Dichlorobenzene
Concen: 43.430 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:146 Resp: 25342

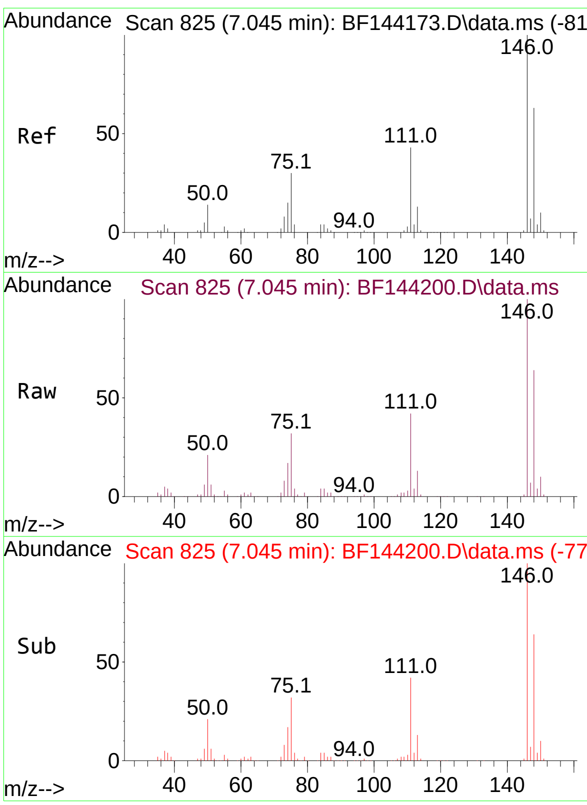
Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.2	75.2
111	41.1	32.6	48.8



Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations APPROVED

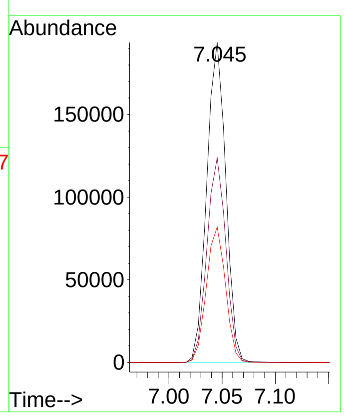
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

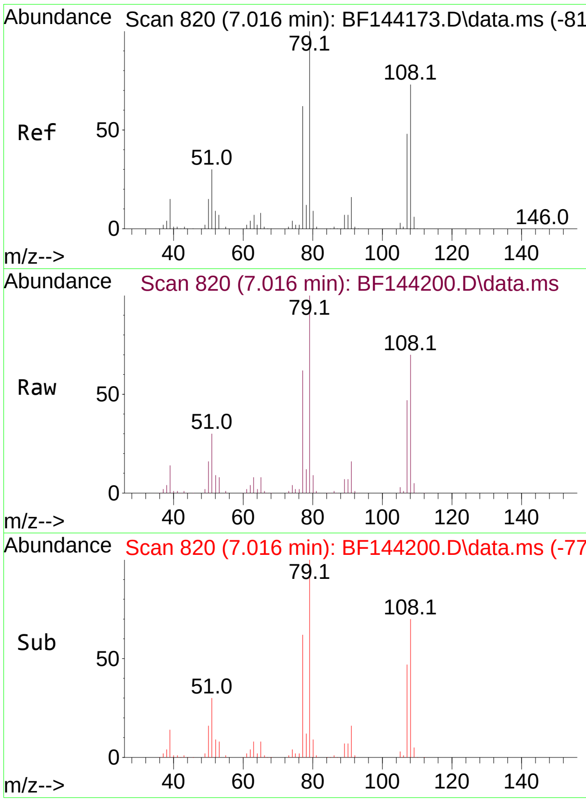


#14
1,2-Dichlorobenzene
Concen: 43.169 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:146 Resp: 241447

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.7	76.1
111	42.3	34.2	51.4





#15
Benzyl Alcohol
Concen: 45.424 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Tgt Ion: 79 Resp: 19616

Ion	Ratio	Lower	Upper
79	100		
108	70.0	58.2	87.4
77	61.9	49.9	74.9

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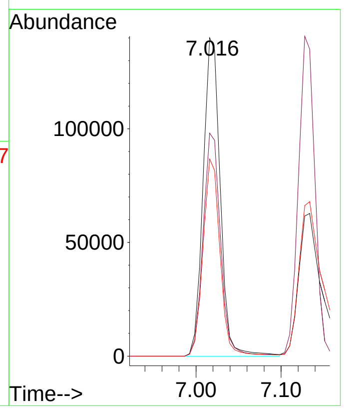
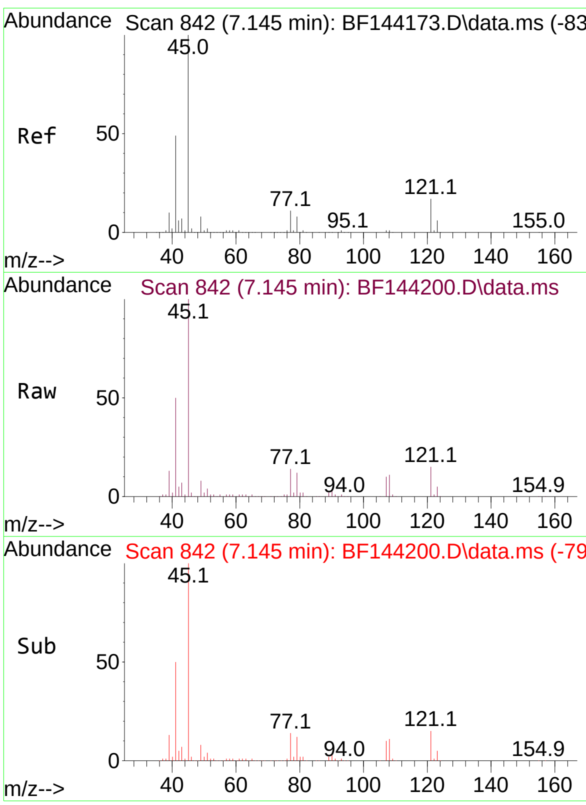
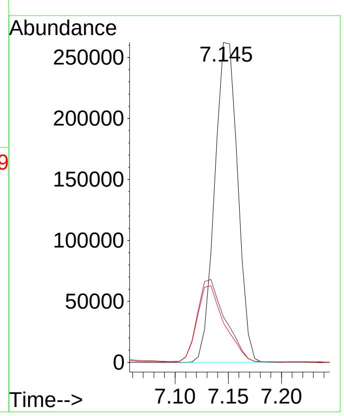


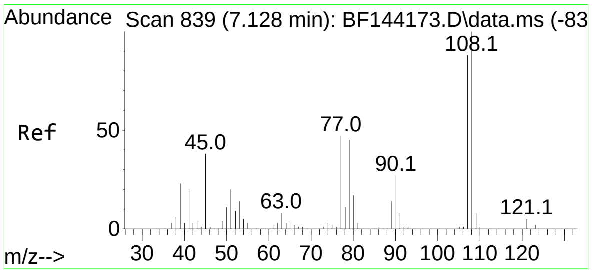


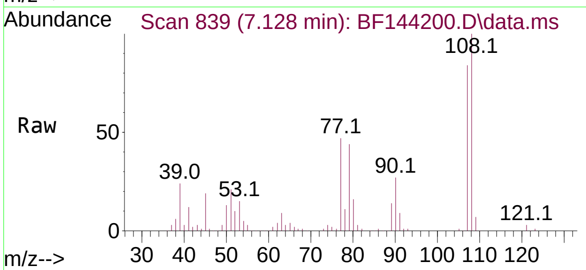
#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.436 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

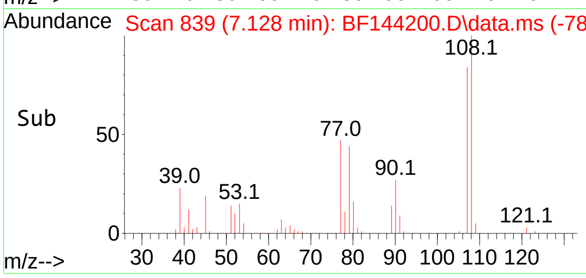
Tgt Ion: 45 Resp: 397303

Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	31.8
79	12.3	0.0	29.1









#17
2-Methylphenol
Concen: 43.181 ng
RT: 7.128 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Tgt Ion:107 Resp: 16215

Ion	Ratio	Lower	Upper
107	100		
108	118.5	91.0	136.4
77	55.8	42.7	64.1
79	51.9	41.4	62.2

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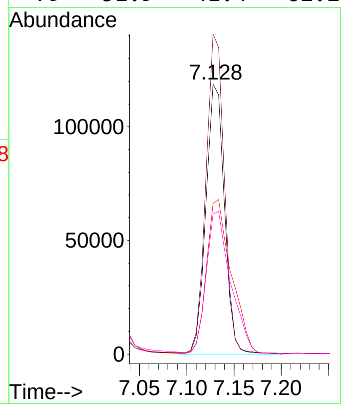
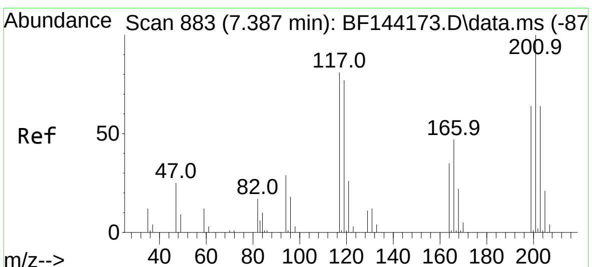
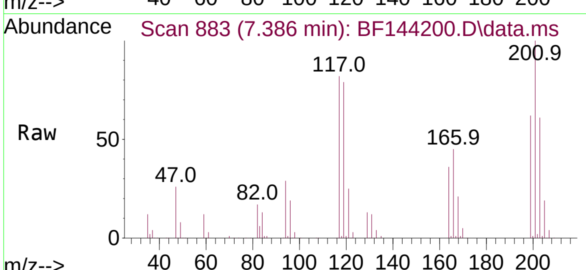
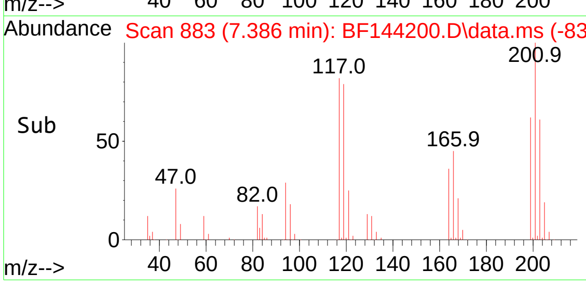




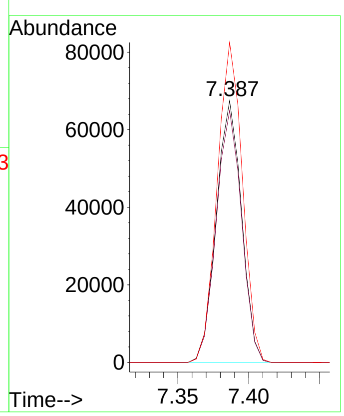




#18
Hexachloroethane
Concen: 43.215 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:117 Resp: 83780

Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
201	122.3	98.9	148.3



Instrument :
BNA_F
ClientSampleId :
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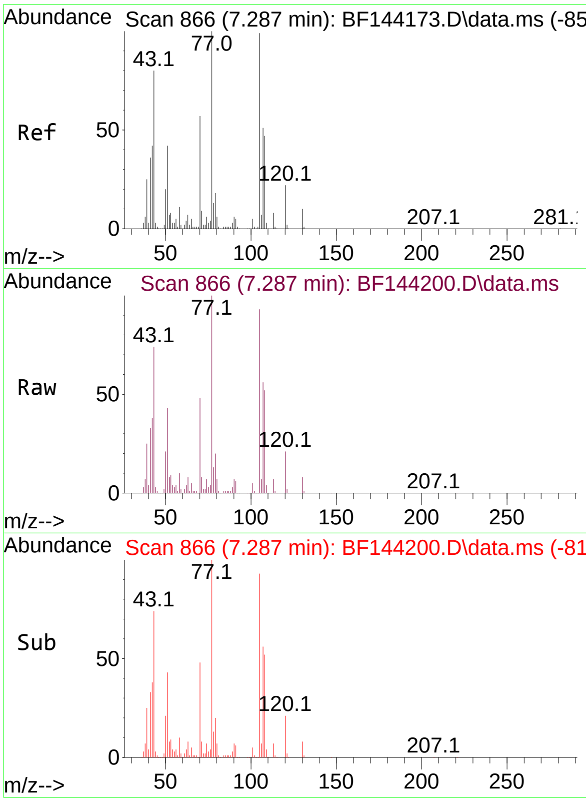
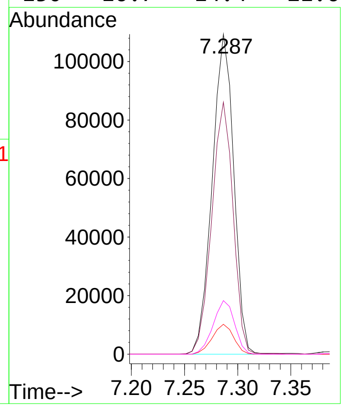
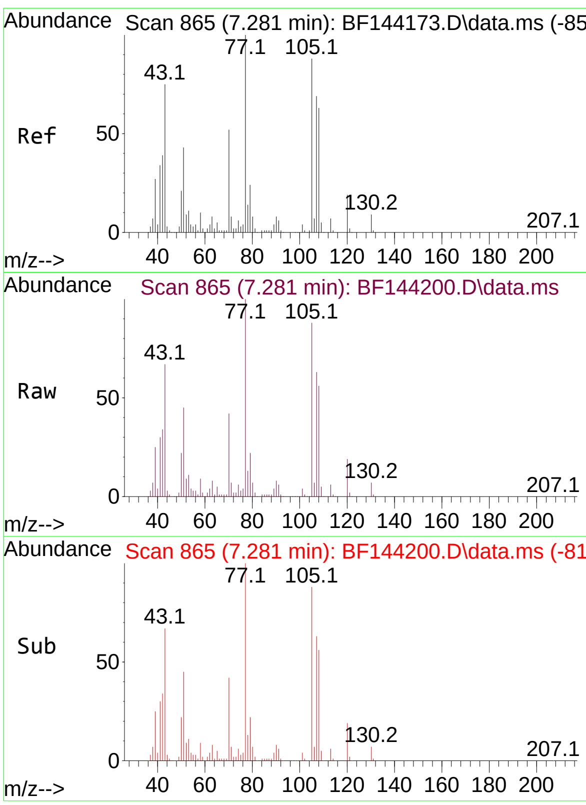


#19
n-Nitroso-di-n-propylamine
Concen: 43.042 ng
RT: 7.287 min Scan# 86
Delta R.T. 0.012 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion: 70 Resp: 15452

Ion	Ratio	Lower	Upper
70	100		
42	78.7	58.3	87.5
101	9.3	7.0	10.6
130	16.7	14.4	21.6

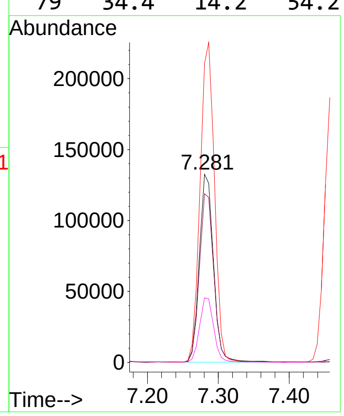




#20
3+4-Methylphenols
Concen: 41.595 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:107 Resp: 184122

Ion	Ratio	Lower	Upper
107	100		
108	89.8	70.2	110.2
77	159.1	123.9	163.9
79	34.4	14.2	54.2



Instrument :
BNA_F
ClientSampleId :
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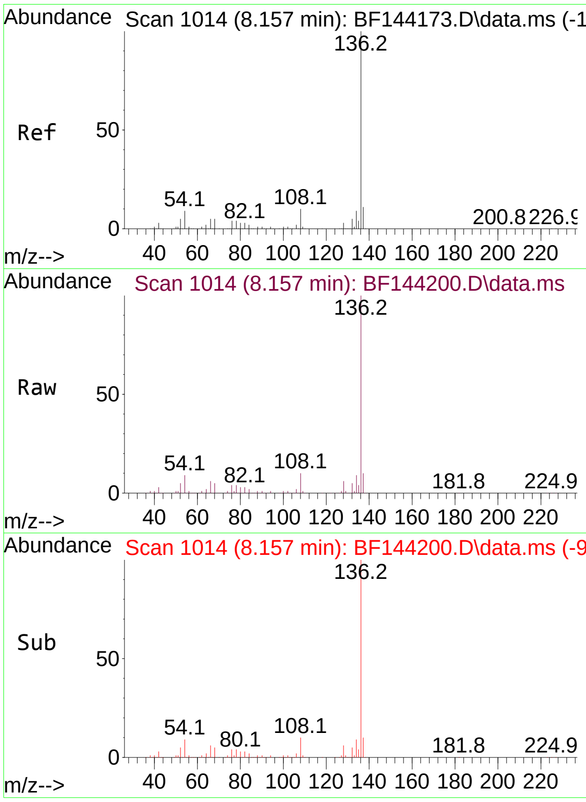
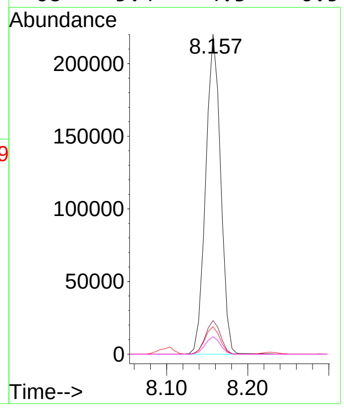
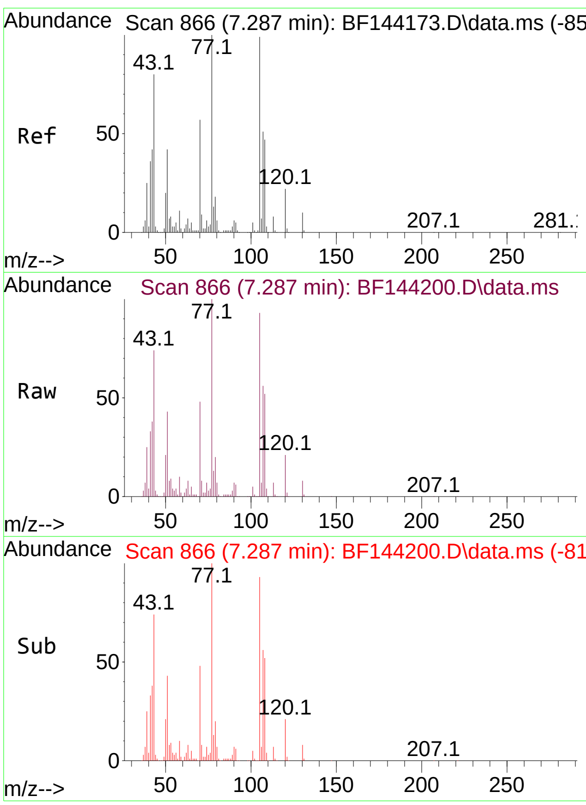



```
#21
Naphthalene-d8
Concen:   20.000 ng
RT:   8.157 min   Scan# 10
Delta R.T.   -0.000 min
Lab File:    BF144200.D
Acq: 11 Nov 2025   13:36

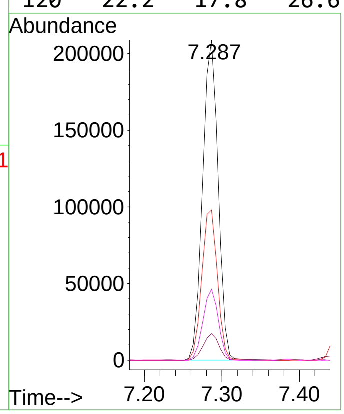
Tgt Ion:136 Resp:   28258
Ion   Ratio   Lower   Upper
136   100
137    10.5     8.6    13.0
 54     8.6     7.0    10.6
 68     5.4     4.3     6.5
```

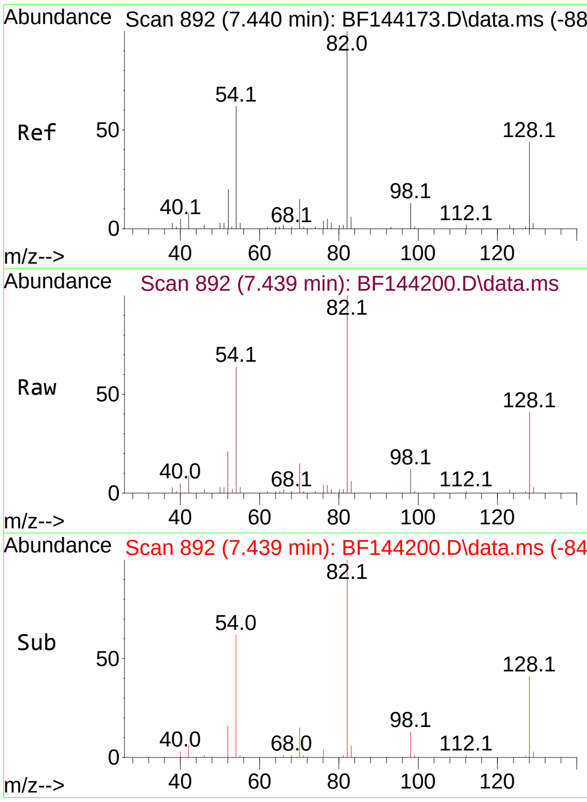





```
#22
Acetophenone
Concen:   47.889 ng
RT:   7.287 min   Scan# 866
Delta R.T.   0.006 min
Lab File:    BF144200.D
Acq: 11 Nov 2025   13:36

Tgt Ion:105 Resp:   290309
Ion   Ratio   Lower   Upper
105   100
 71     8.3     7.2    10.8
 51    46.9    34.0    51.0
120    22.2    17.8    26.6
```

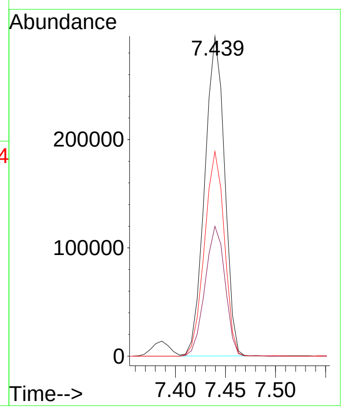




#23
Nitrobenzene-d5
Concen: 83.412 ng
RT: 7.439 min Scan# 89
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion: 82 Resp: 408124

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.7	52.1
54	64.0	49.5	74.3



Instrument :
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ClientSampleId :
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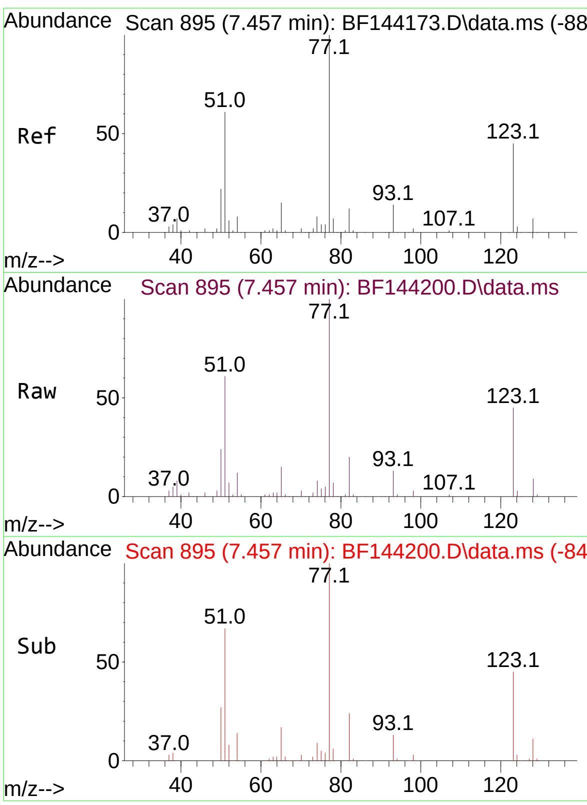
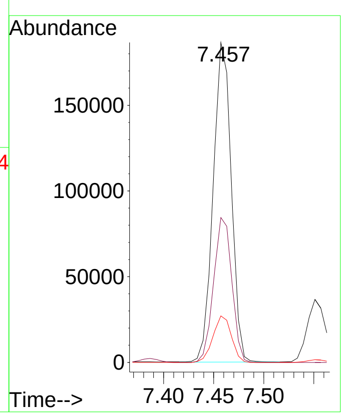


#24
Nitrobenzene
Concen: 44.211 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion: 77 Resp: 234871

Ion	Ratio	Lower	Upper
77	100		
123	45.3	35.8	53.8
65	14.5	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
PB170478BS

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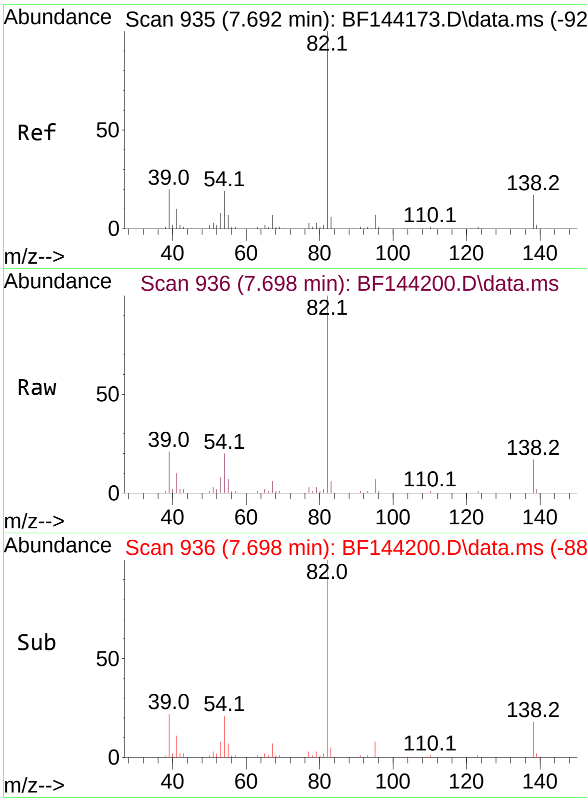
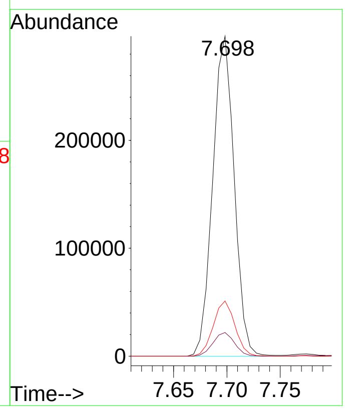
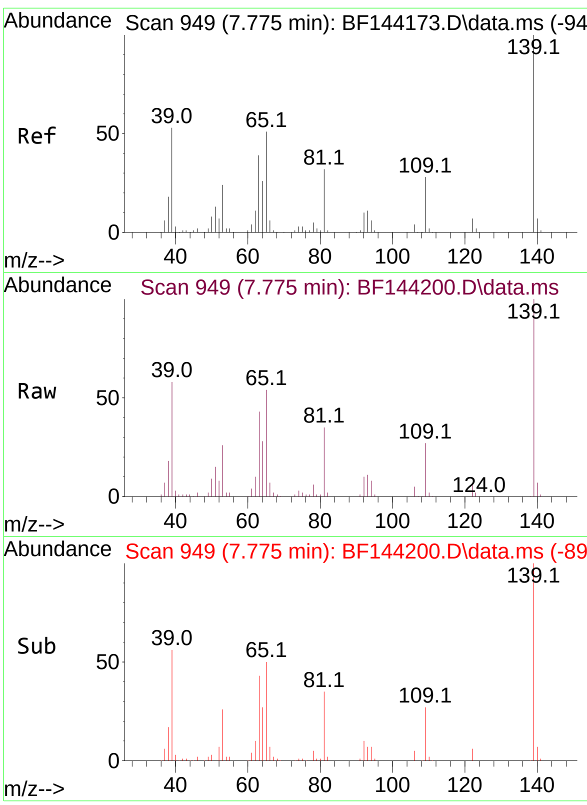


#25
Isophorone
Concen: 45.029 ng
RT: 7.698 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion: 82 Resp: 41673

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.5	8.3
138	17.2	13.7	20.5

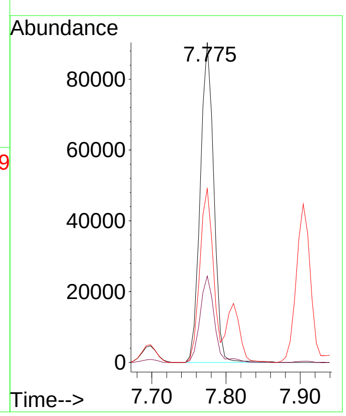




#26
2-Nitrophenol
Concen: 43.802 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:139 Resp: 115191

Ion	Ratio	Lower	Upper
139	100		
109	27.0	22.2	33.2
65	54.3	40.7	61.1



Instrument :
BNA_F
ClientSampleId :
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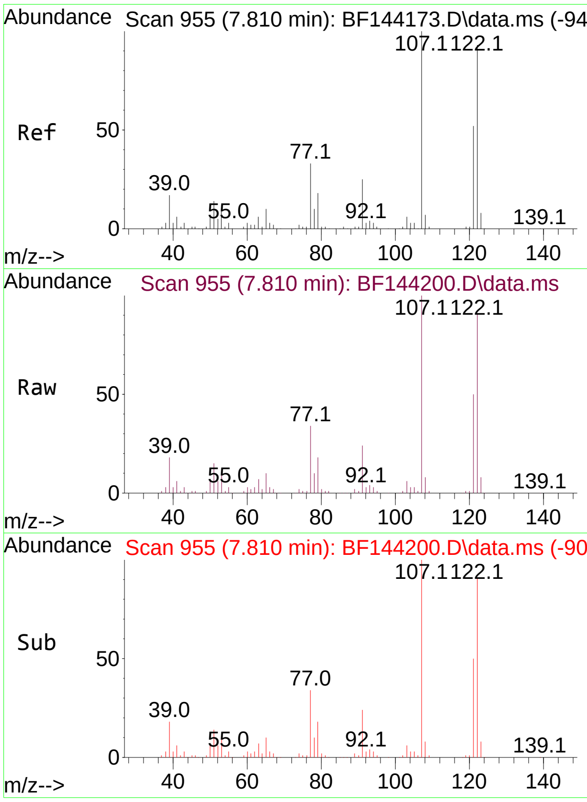
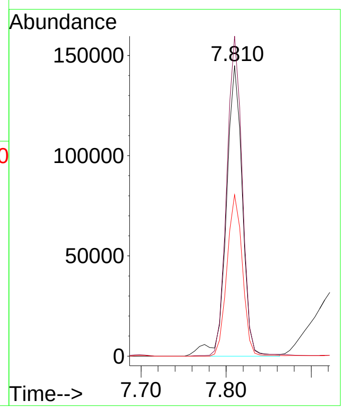
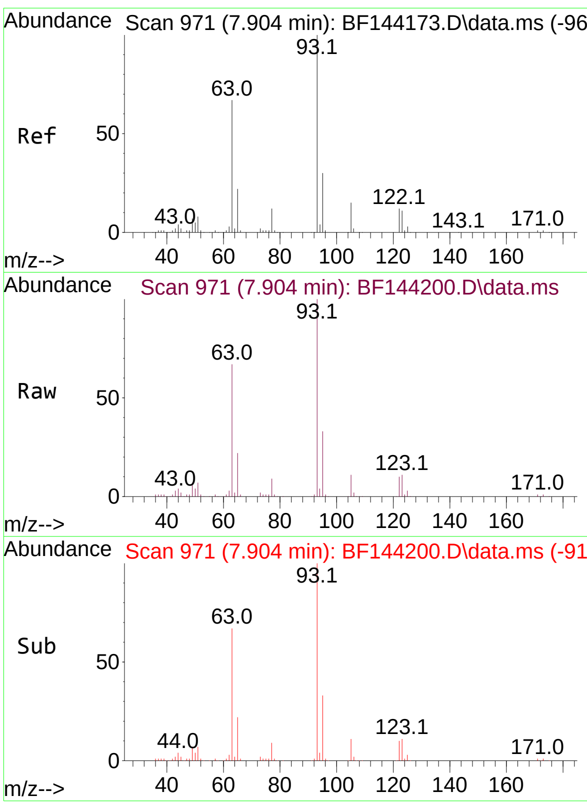


#27
2,4-Dimethylphenol
Concen: 48.221 ng
RT: 7.810 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:122 Resp: 19006

Ion	Ratio	Lower	Upper
122	100		
107	110.2	86.2	129.4
121	55.5	44.6	66.8

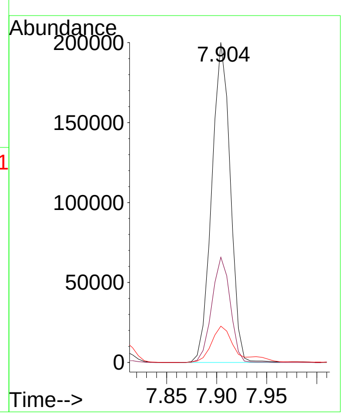




#28
bis(2-Chloroethoxy)methane
Concen: 44.634 ng
RT: 7.904 min Scan# 971
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion: 93 Resp: 257957

Ion	Ratio	Lower	Upper
93	100		
95	32.9	24.2	36.4
123	11.3	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
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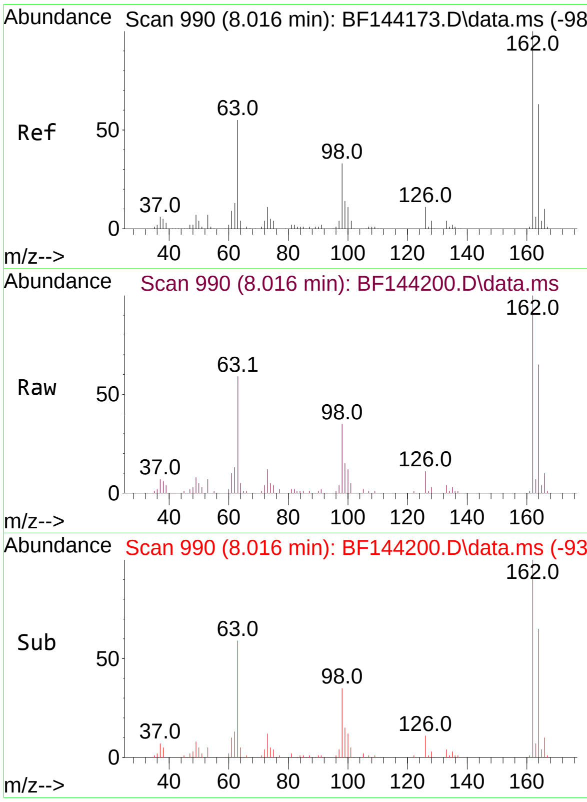
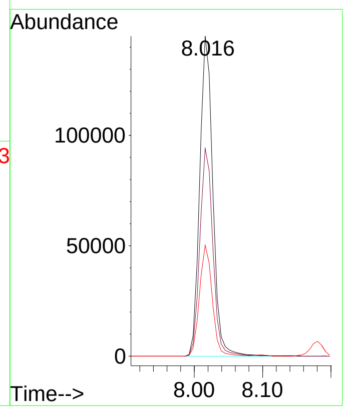
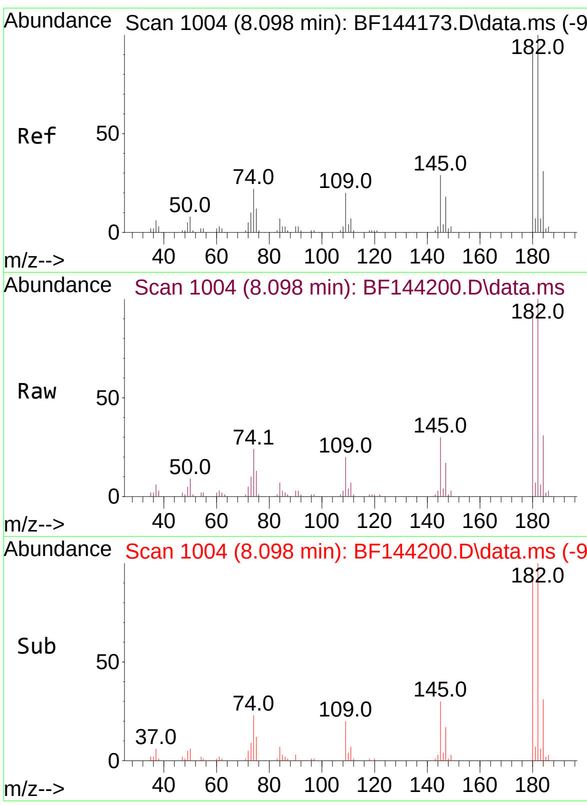


#29
2,4-Dichlorophenol
Concen: 42.664 ng
RT: 8.016 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:162 Resp: 19382

Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.9	82.9
98	34.6	13.3	53.3

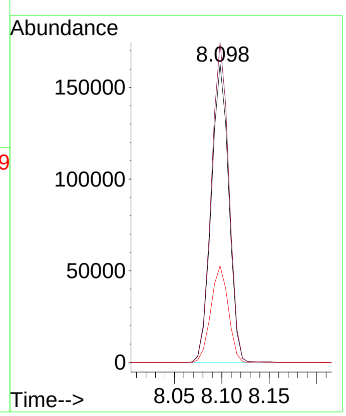




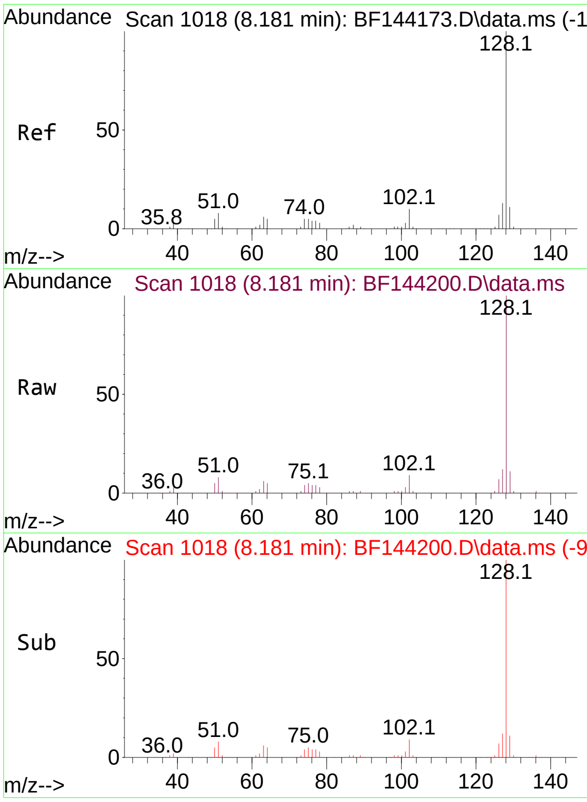
#30
1,2,4-Trichlorobenzene
Concen: 44.679 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:180 Resp: 208428

Ion	Ratio	Lower	Upper
180	100		
182	107.1	87.7	131.5
145	32.3	25.4	38.0



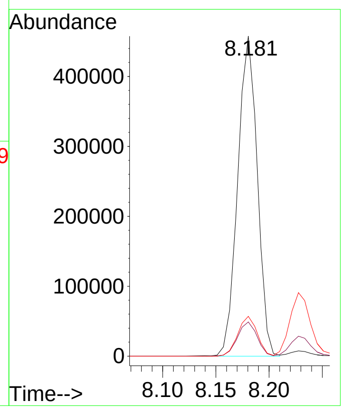
Sample Results: **BF144200.D**



#31
Naphthalene
Concen: 43.571 ng
RT: 8.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:128 Resp: 58569

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	12.4	10.3	15.5



Instrument :
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ClientSampleId :
PB170478BS

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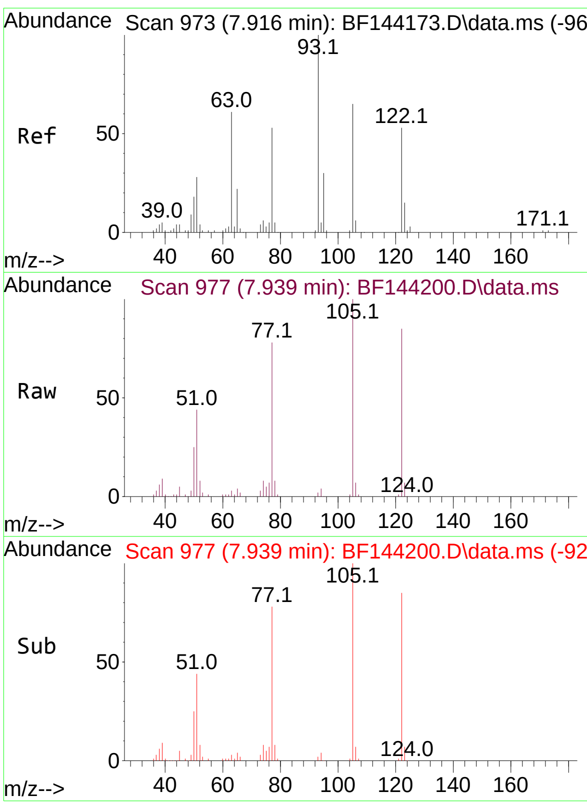
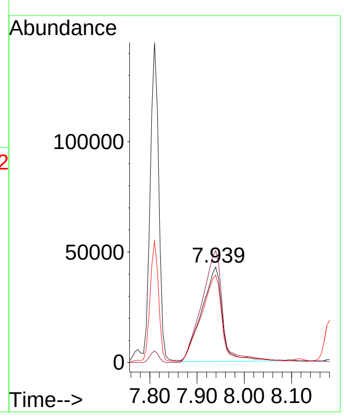


#32
Benzoic acid
Concen: 45.592 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.012 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:122 Resp: 131726

Ion	Ratio	Lower	Upper
122	100		
105	117.2	99.9	139.9
77	91.7	77.5	117.5



Instrument :
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PB170478BS

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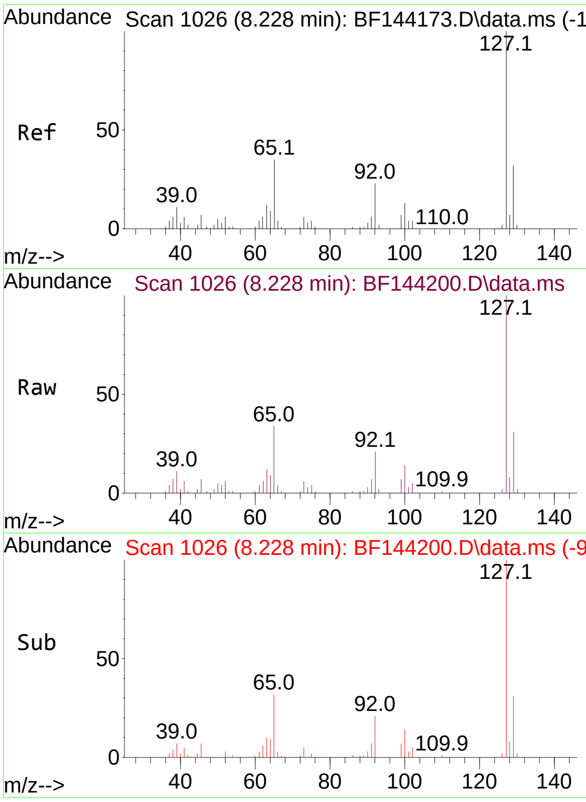
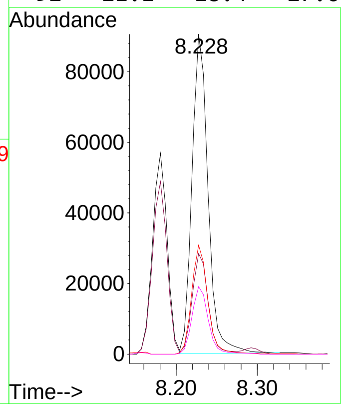
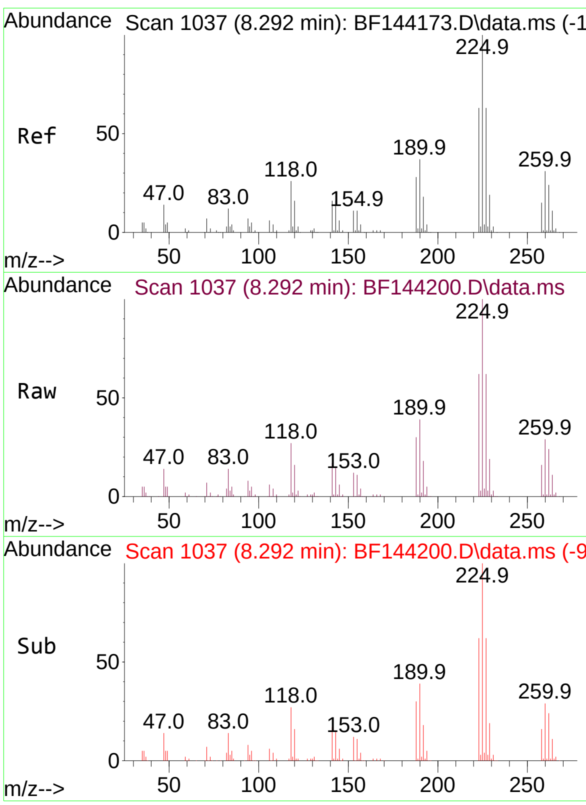


#33
4-Chloroaniline
Concen: 25.368 ng
RT: 8.228 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:127 Resp: 12436

Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.3	37.9
65	34.0	27.6	41.4
92	21.1	18.4	27.6

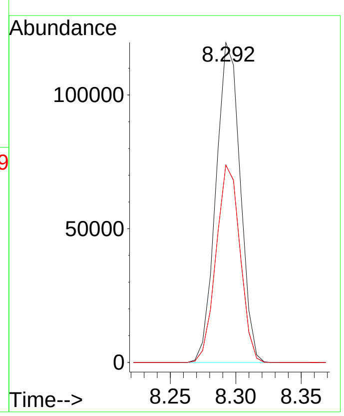


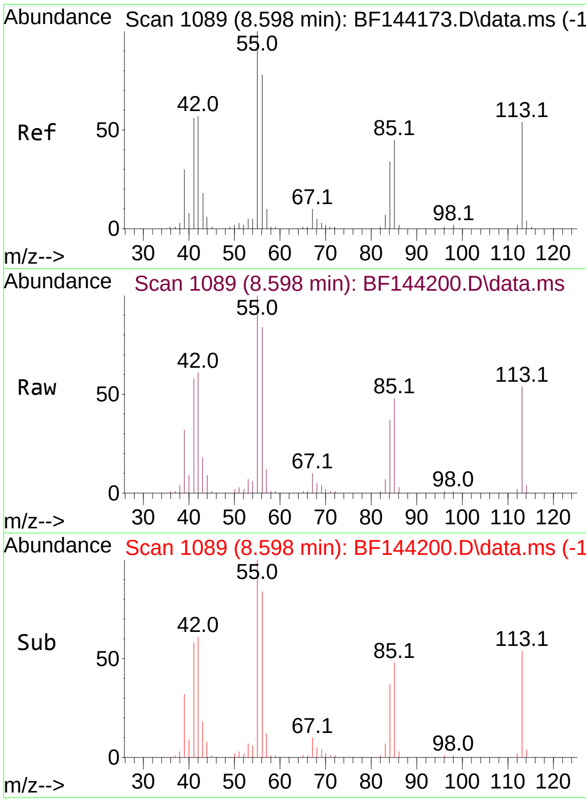


#34
Hexachlorobutadiene
Concen: 43.896 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:225 Resp: 154326

Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.4
227	61.6	50.1	75.1





#35
Caprolactam
Concen: 45.546 ng m
RT: 8.598 min Scan# 10
Delta R.T. -0.024 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:113 Resp: 5668

Ion	Ratio	Lower	Upper
113	100		
55	184.6	166.8	206.8
56	154.2	125.9	165.9

Instrument :
BNA_F
ClientSampleId :
PB170478BS

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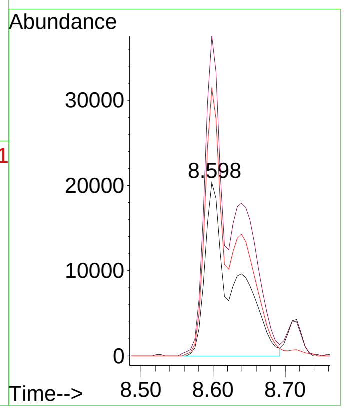
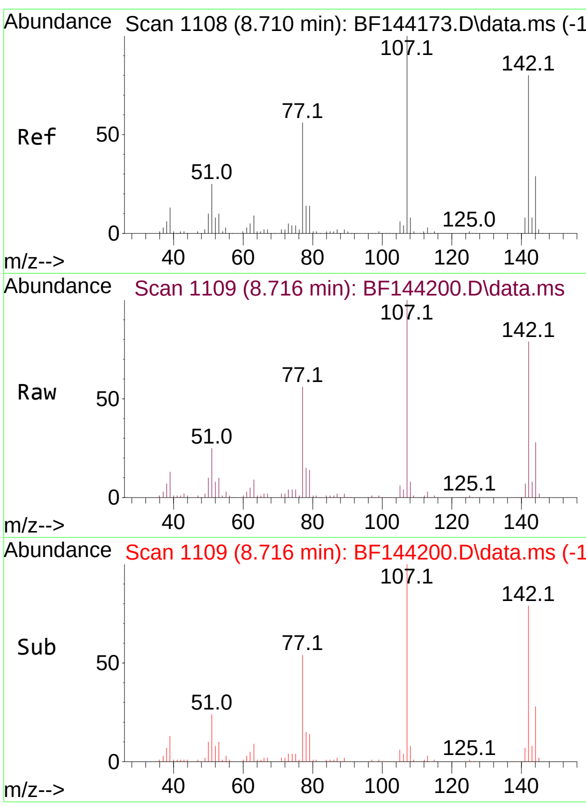
Supervised By :Jagrut Upadhyay 11/12/2025

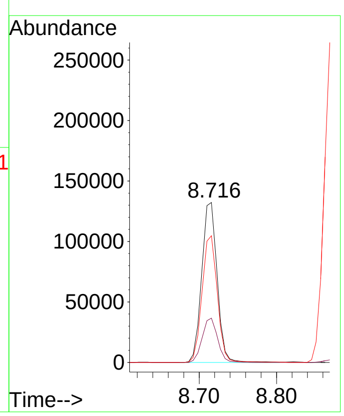




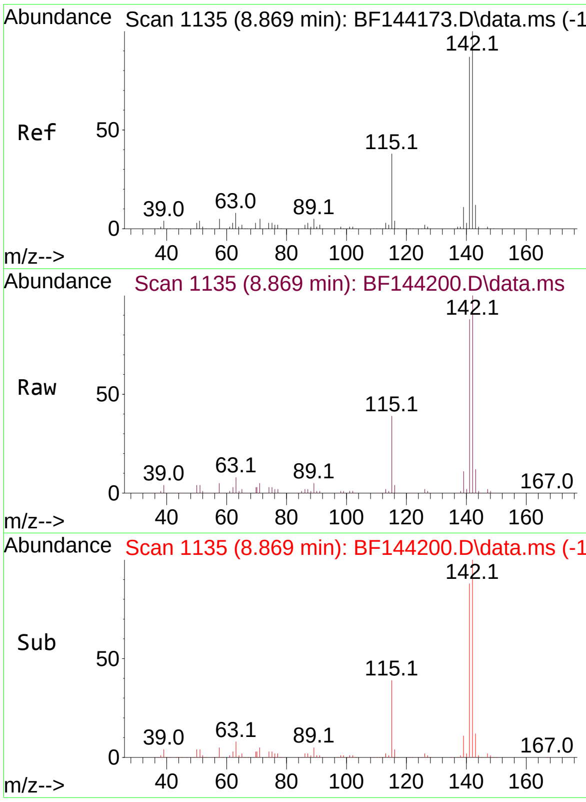
#36
4-Chloro-3-methylphenol
Concen: 44.898 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.012 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:107 Resp: 182799

Ion	Ratio	Lower	Upper
107	100		
144	27.7	23.3	34.9
142	79.2	63.8	95.6



Sample Results: **BF144200.D**



#37
2-Methylnaphthalene
Concen: 39.662 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:142 Resp: 356464

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.9	104.9

Instrument :
BNA_F
ClientSampleId :
PB170478BS

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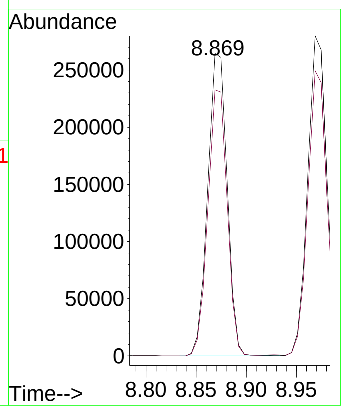
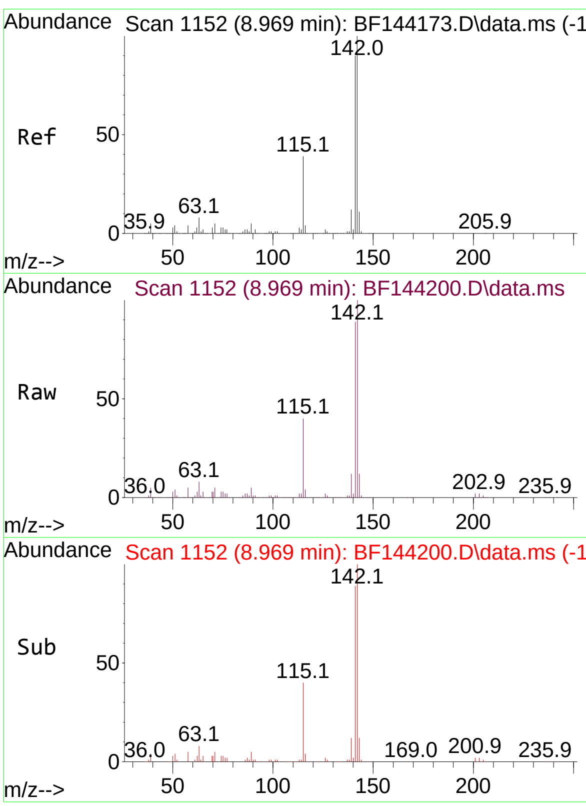
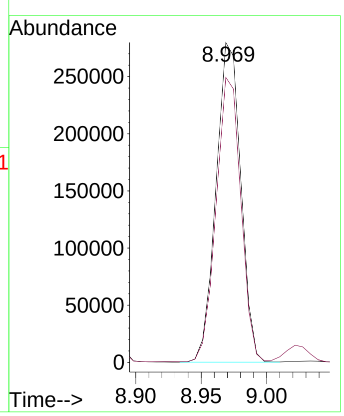


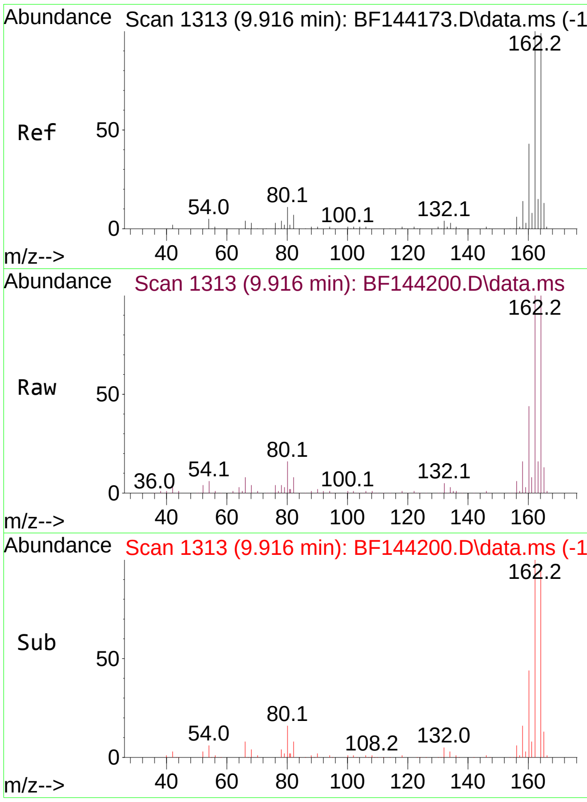


#38
1-Methylnaphthalene
Concen: 42.546 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:142 Resp: 368954

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.1	108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:164 Resp: 16014

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.1	121.7
160	44.4	34.5	51.7

Instrument :
BNA_F
ClientSampleId :
PB170478BS

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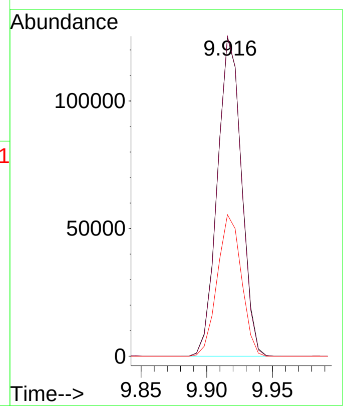
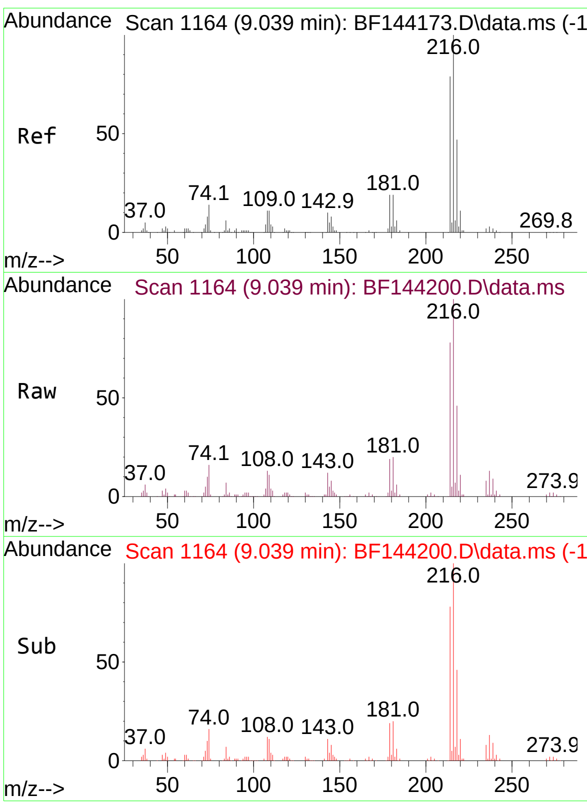
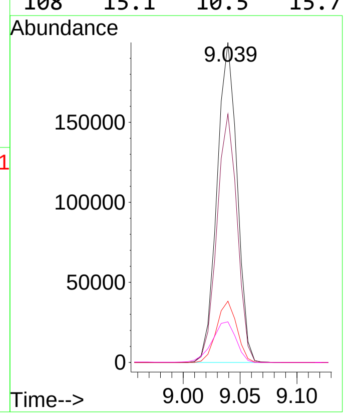




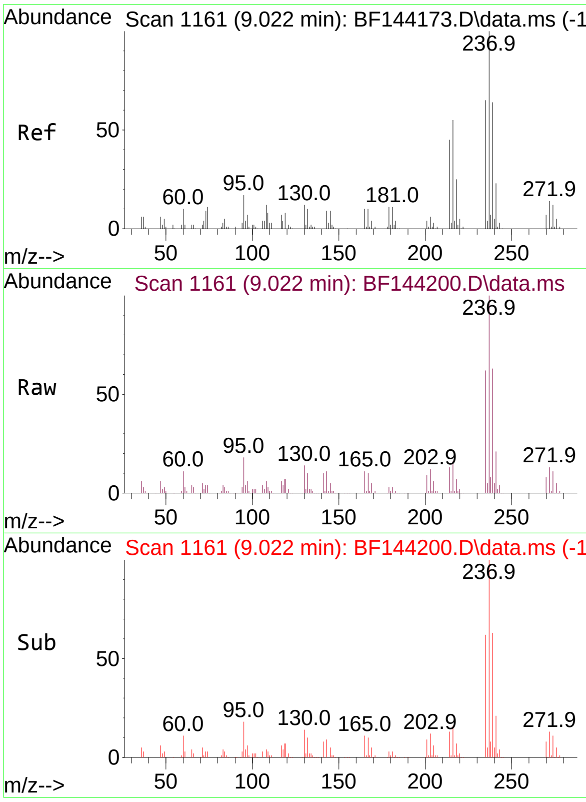
#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.890 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:216 Resp: 246104

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.2
179	19.2	15.0	22.4
108	15.1	10.5	15.7



Sample Results: **BF144200.D**



#41
Hexachlorocyclopentadiene
Concen: 91.222 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Tgt Ion:237 Resp: 19741

Ion	Ratio	Lower	Upper
237	100		
235	61.7	45.5	85.5
272	13.4	0.0	33.5

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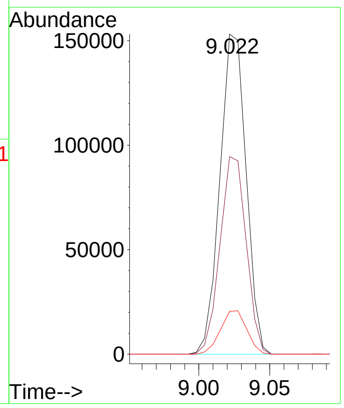
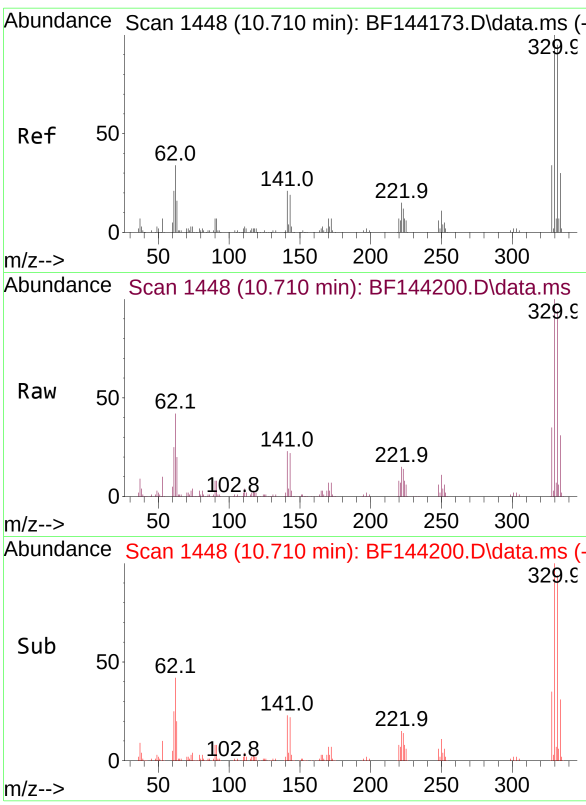
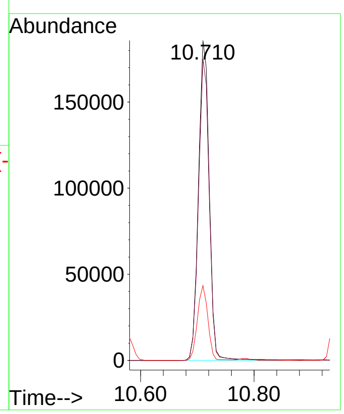


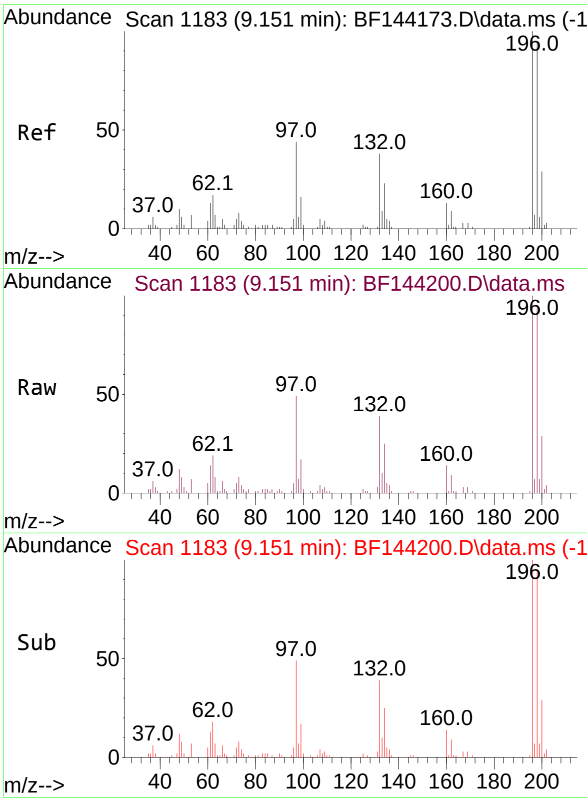


#42
2,4,6-Tribromophenol
Concen: 121.299 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:330 Resp: 243773

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.7	115.1
141	22.7	17.8	26.8





#43
2,4,6-Trichlorophenol
Concen: 42.869 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:196 Resp: 153139

Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.3	112.9
200	29.2	23.4	35.2

Instrument :
BNA_F
ClientSampleId :
PB170478BS

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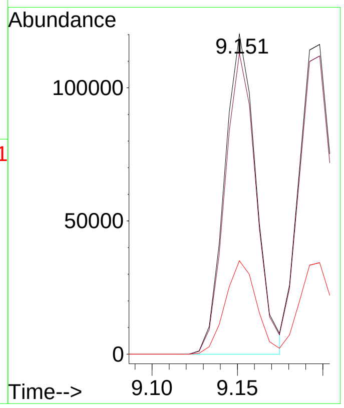
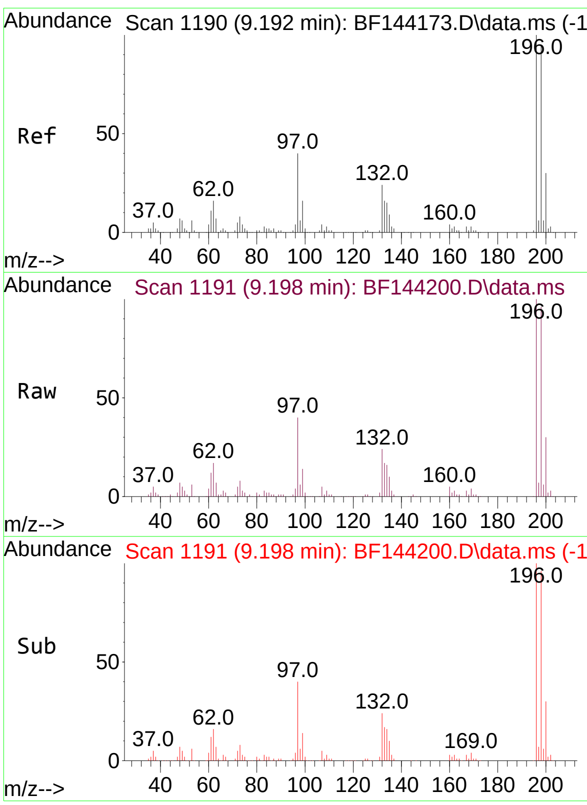
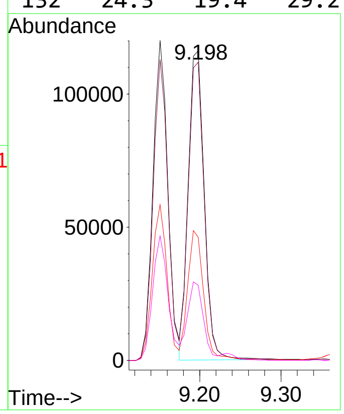


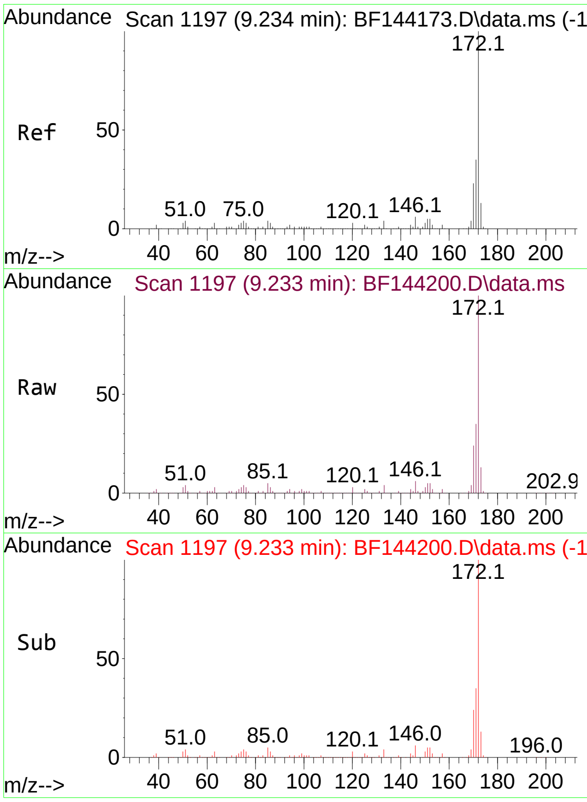


#44
2,4,5-Trichlorophenol
Concen: 41.540 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:196 Resp: 159933

Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.1	114.1
97	39.8	31.9	47.9
132	24.3	19.4	29.2





#45
2-Fluorobiphenyl
Concen: 78.987 ng
RT: 9.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:172 Resp: 85648

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	23.8	18.6	28.0

Instrument :
BNA_F
ClientSampleId :
PB170478BS

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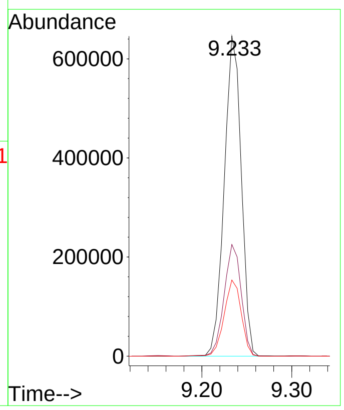
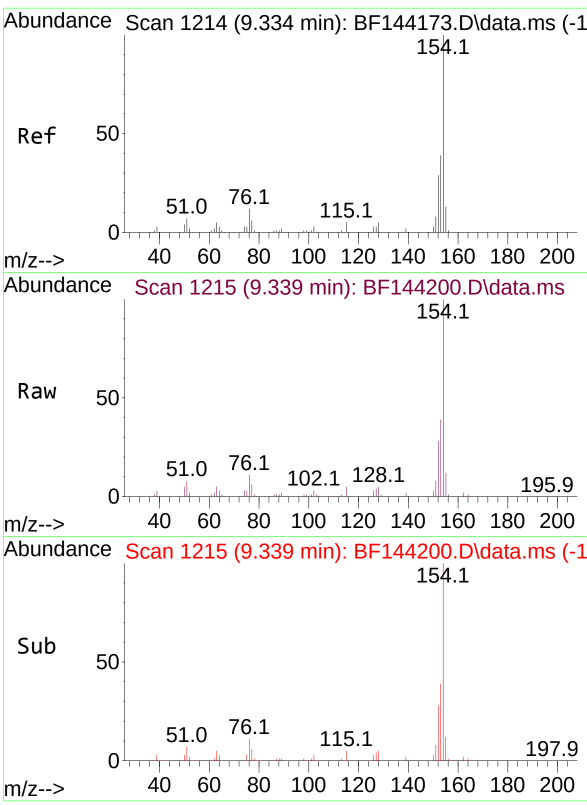
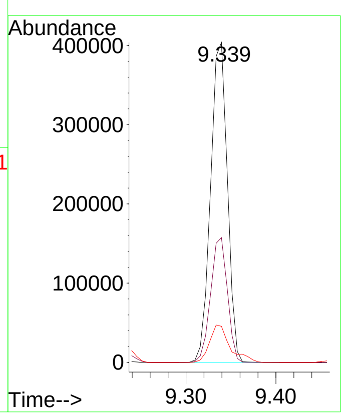




#46
1,1'-Biphenyl
Concen: 46.918 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:154 Resp: 524494

Ion	Ratio	Lower	Upper
154	100		
153	39.0	19.2	59.2
76	11.3	0.0	31.8



Instrument :
BNA_F
ClientSampleId :
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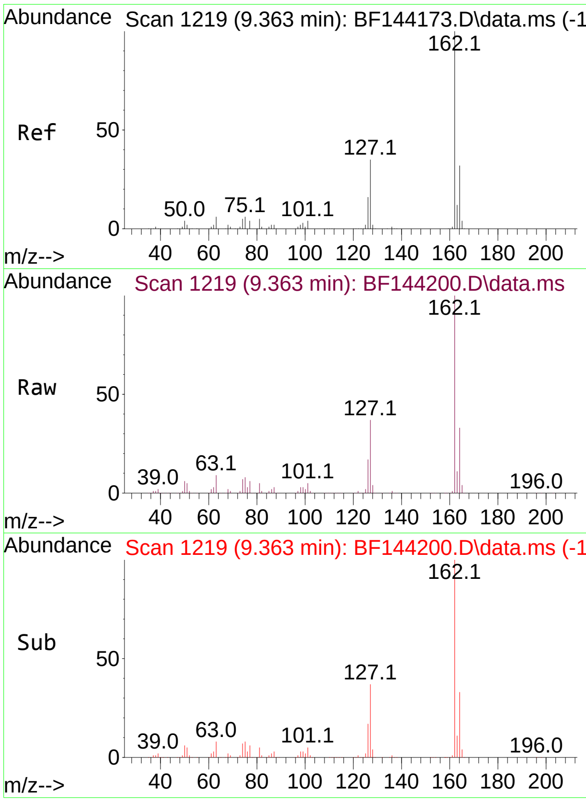
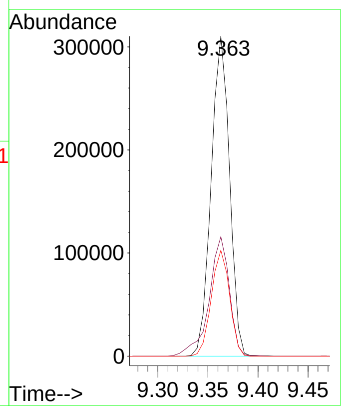
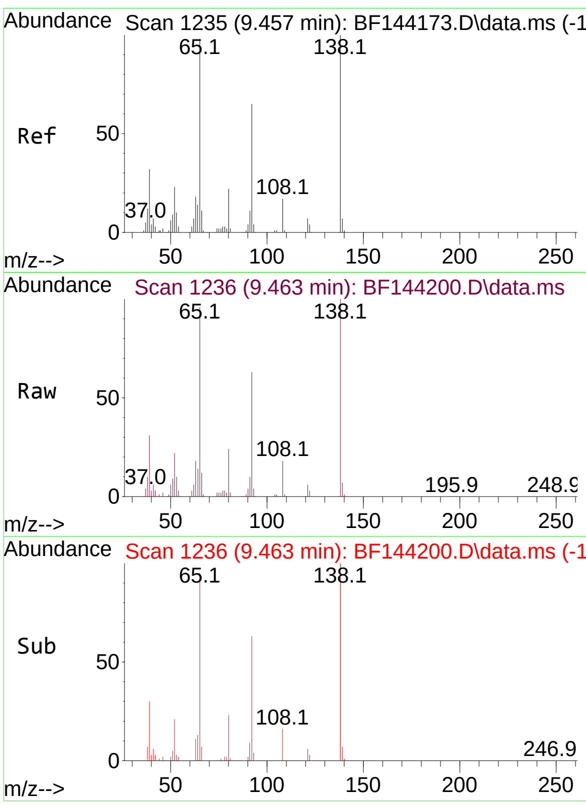


#47
2-Chloronaphthalene
Concen: 41.599 ng
RT: 9.363 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:162 Resp: 39667

Ion	Ratio	Lower	Upper
162	100		
127	37.3	28.8	43.2
164	33.1	25.8	38.8

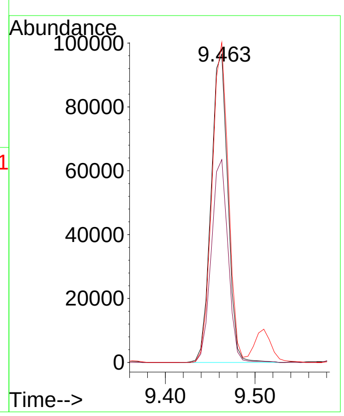


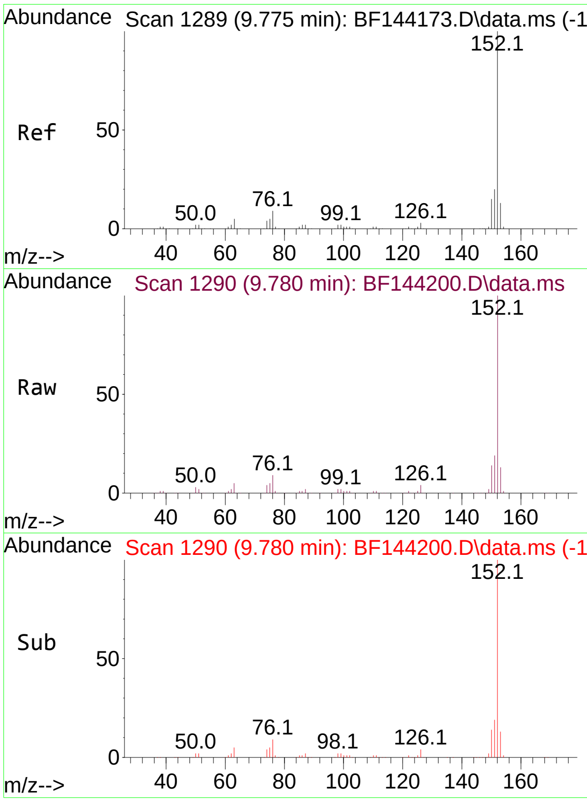


#48
2-Nitroaniline
Concen: 45.972 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion: 65 Resp: 126485

Ion	Ratio	Lower	Upper
65	100		
92	65.8	53.0	79.6
138	103.8	81.6	122.4





#49
Acenaphthylene
Concen: 48.466 ng
RT: 9.780 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Tgt Ion:152 Resp: 629798

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.9	23.9
153	12.8	10.5	15.7

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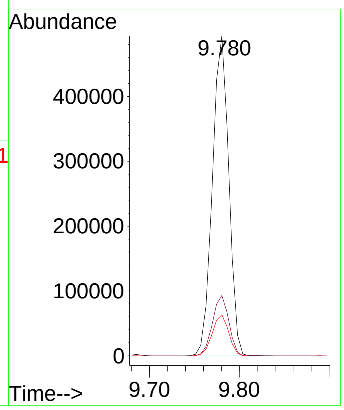
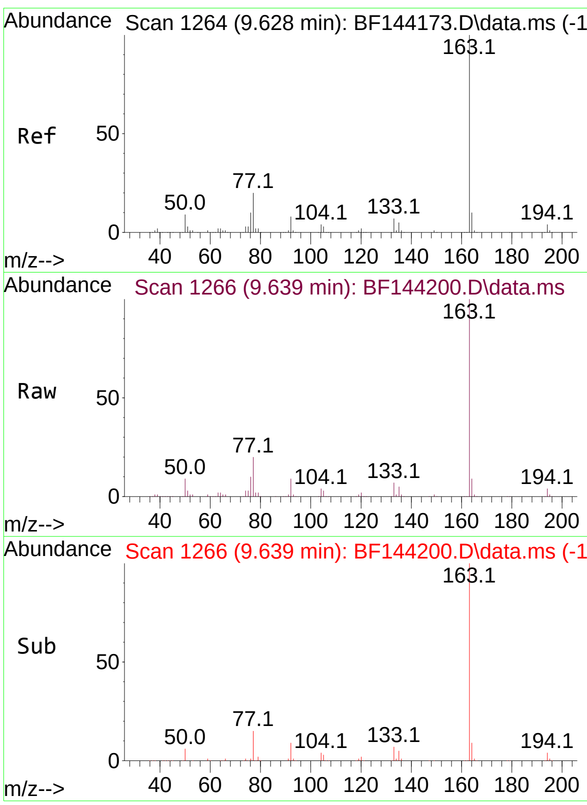
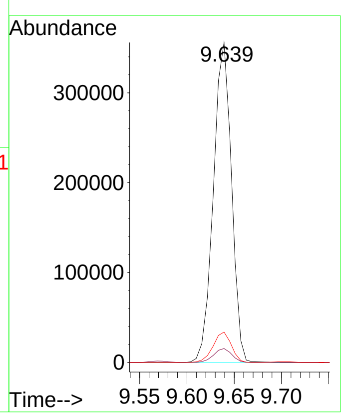




#50
Dimethylphthalate
Concen: 44.761 ng
RT: 9.639 min Scan# 1266
Delta R.T. 0.012 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:163 Resp: 474893

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.5	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
PB170478BS

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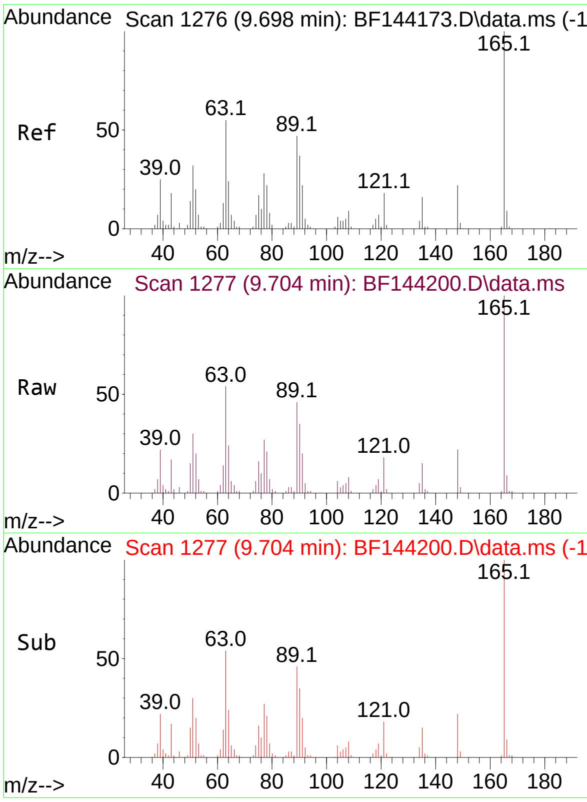
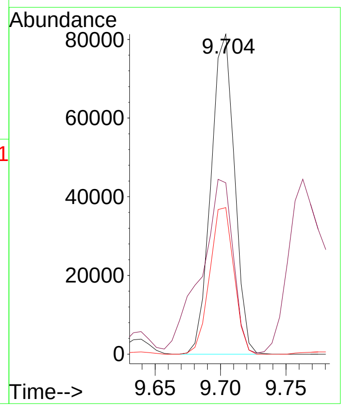
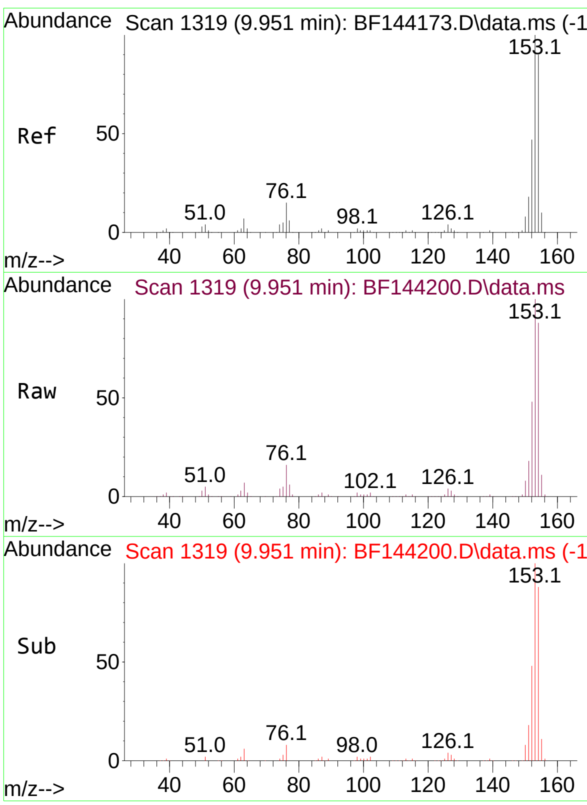


#51
2,6-Dinitrotoluene
Concen: 47.505 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:165 Resp: 10202

Ion	Ratio	Lower	Upper
165	100		
63	53.5	43.8	65.8
89	45.8	37.5	56.3

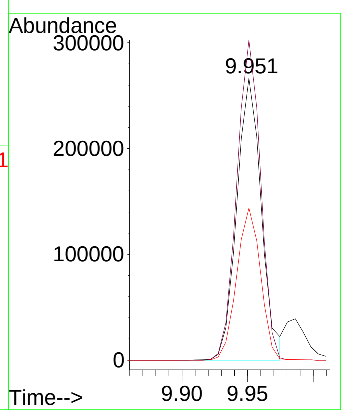




#52
Acenaphthene
Concen: 39.767 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:154 Resp: 345560

Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.0	133.4
152	54.0	42.2	63.4



Instrument :
BNA_F
ClientSampleId :
PB170478BS

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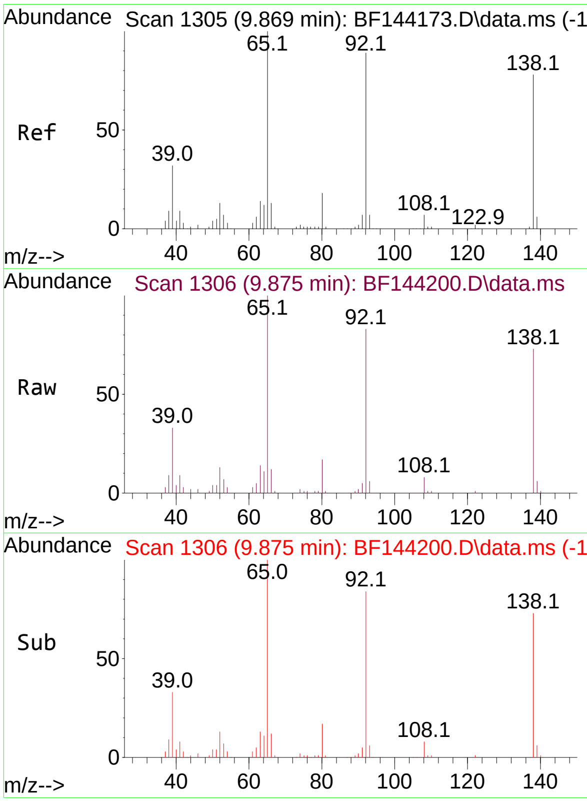
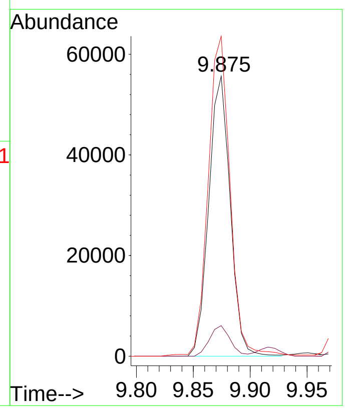
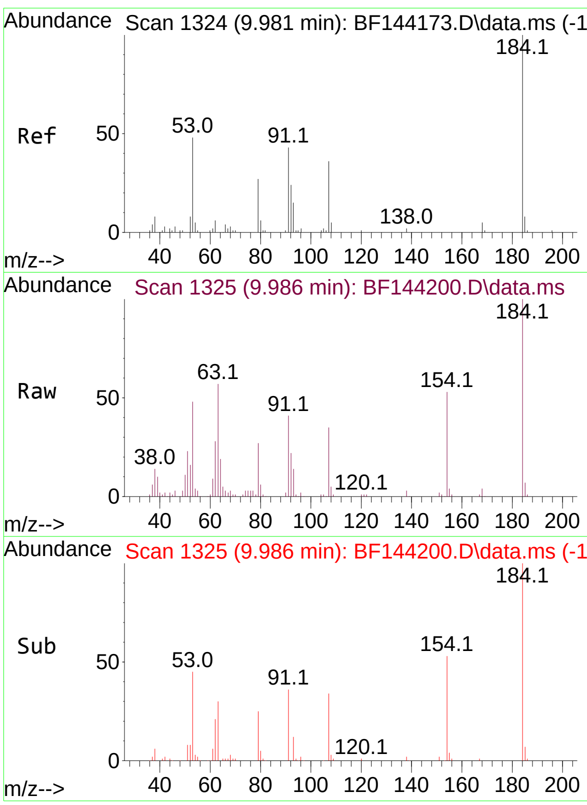


#53
3-Nitroaniline
Concen: 31.087 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:138 Resp: 7298

Ion	Ratio	Lower	Upper
138	100		
108	10.9	7.5	11.3
92	114.3	91.8	137.6

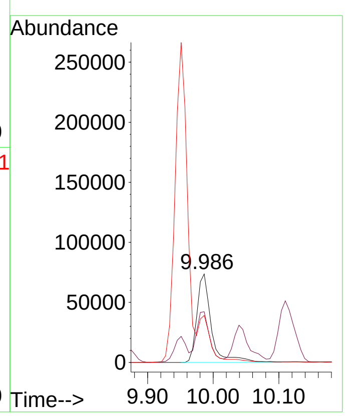




#54
2,4-Dinitrophenol
Concen: 86.597 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:184 Resp: 112309

Ion	Ratio	Lower	Upper
184	100		
63	57.2	44.0	66.0
154	53.1	42.4	63.6



Instrument :
BNA_F
ClientSampleId :
PB170478BS

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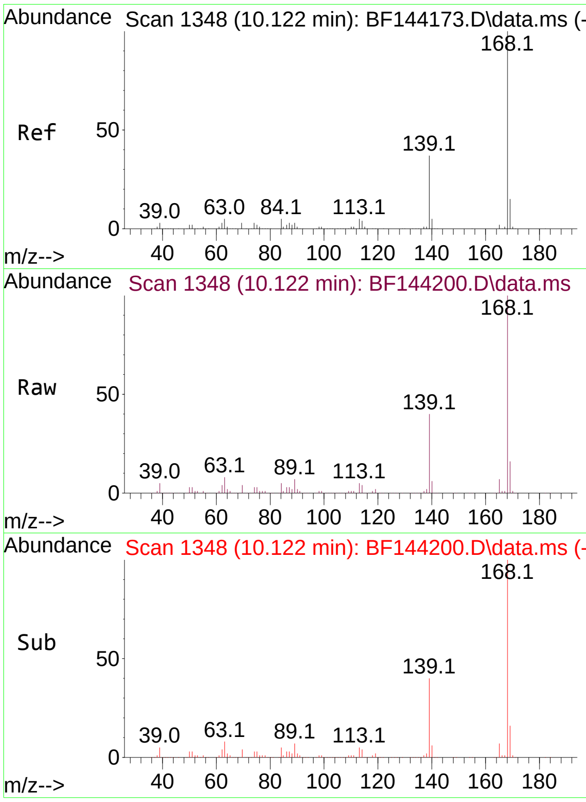
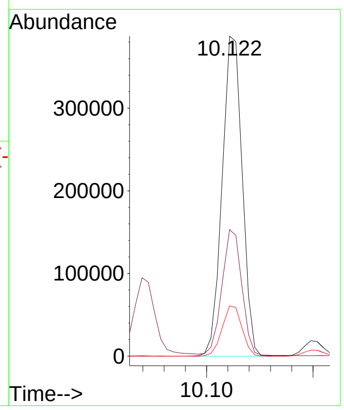
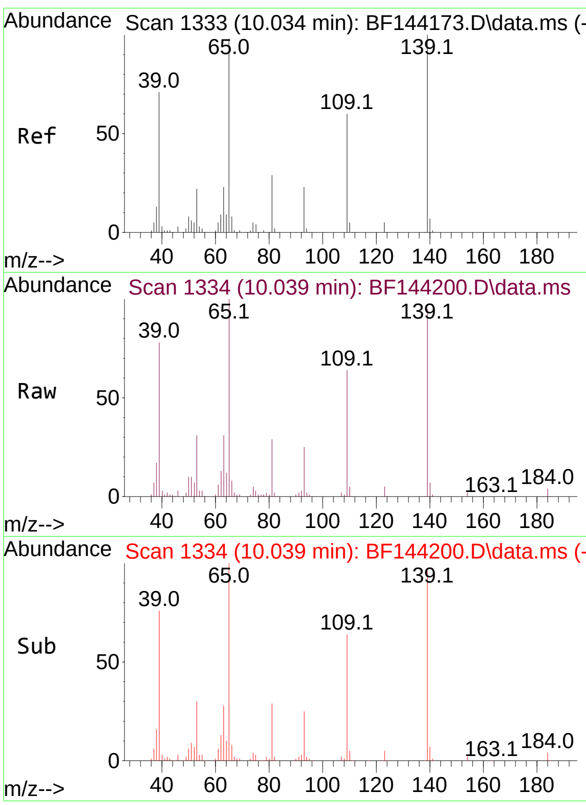


#55
Dibenzofuran
Concen: 41.842 ng
RT: 10.122 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:168 Resp: 509223

Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.2	45.2
169	15.7	12.2	18.4

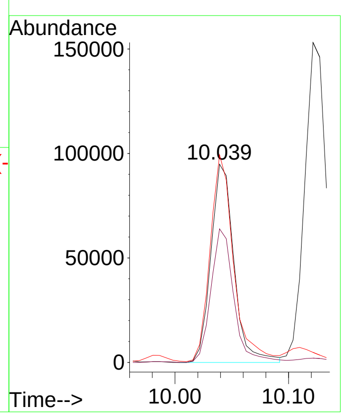




#56
4-Nitrophenol
Concen: 79.237 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:139 Resp: 134569

Ion	Ratio	Lower	Upper
139	100		
109	67.4	39.9	79.9
65	104.7	79.5	119.5



Instrument :
BNA_F
ClientSampleId :
PB170478BS

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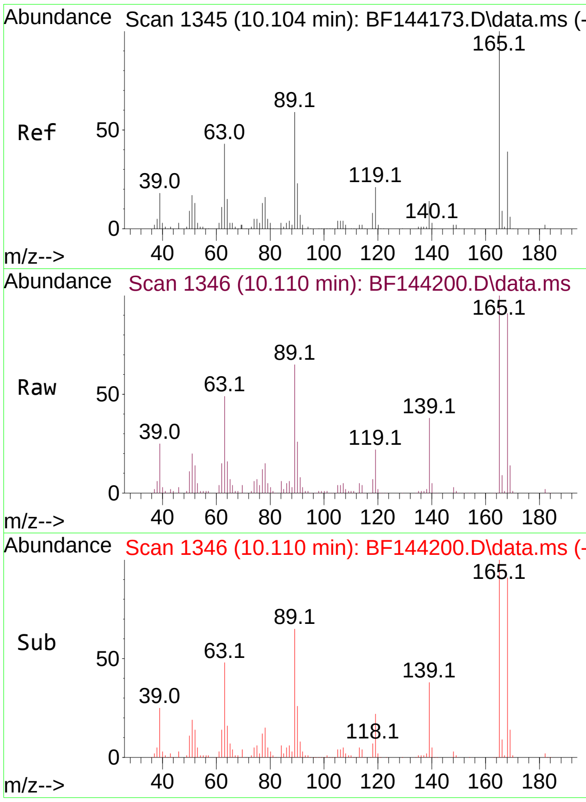
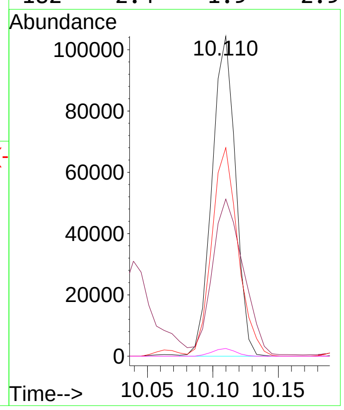
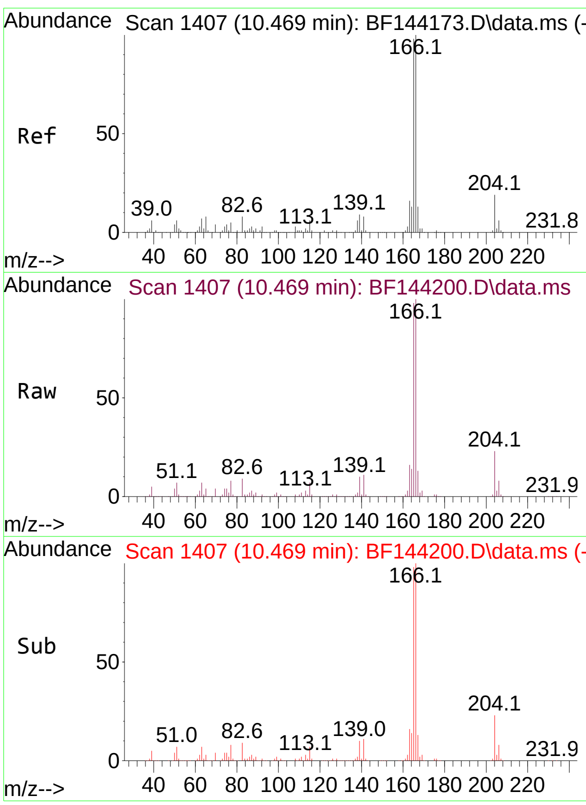


#57
2,4-Dinitrotoluene
Concen: 45.475 ng
RT: 10.110 min Scan# 13
Delta R.T. 0.012 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:165 Resp: 13074

Ion	Ratio	Lower	Upper
165	100		
63	49.1	35.5	53.3
89	65.1	47.4	71.2
182	2.4	1.9	2.9

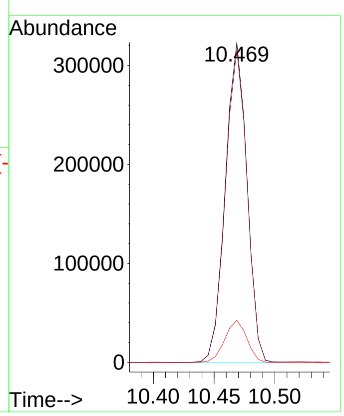


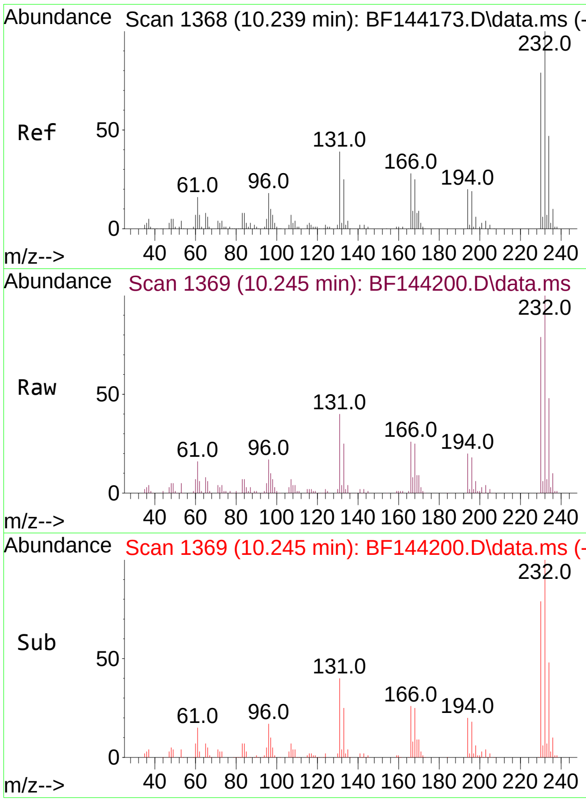


#58
Fluorene
Concen: 43.554 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:166 Resp: 403013

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	118.0
167	13.1	10.4	15.6

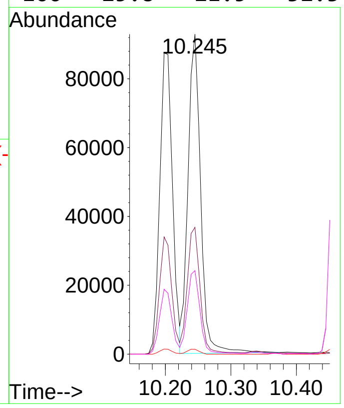




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.811 ng
RT: 10.245 min Scan# 13
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:232 Resp: 12478

Ion	Ratio	Lower	Upper
232	100		
131	40.5	30.3	45.5
130	1.5	1.2	1.8
166	25.8	21.5	32.3



Instrument :
BNA_F
ClientSampleId :
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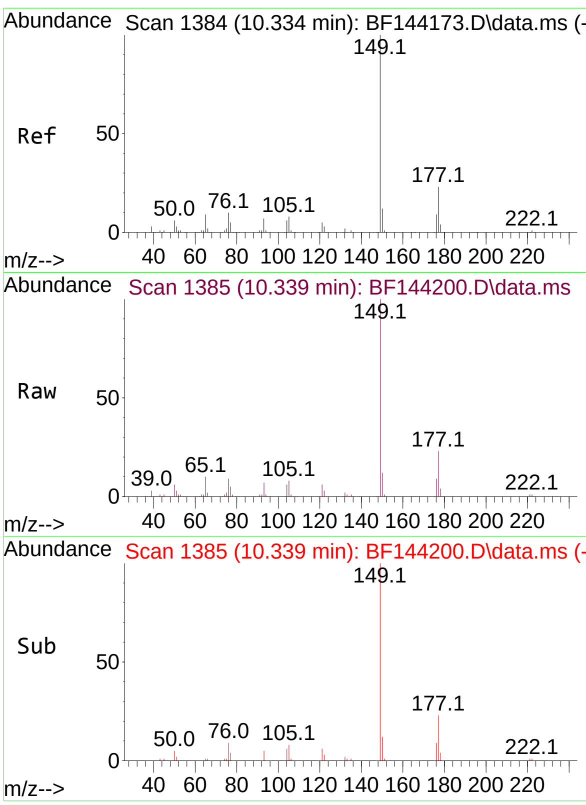
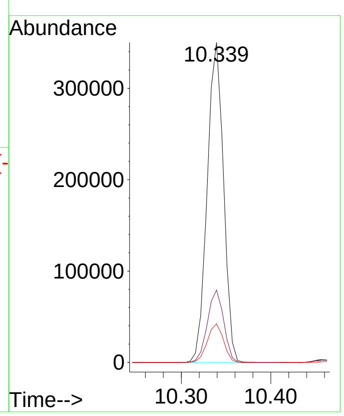
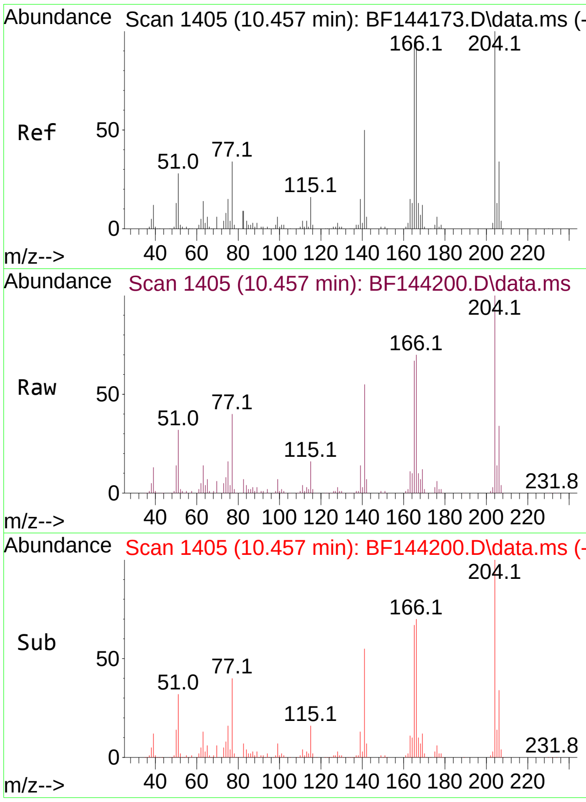


#60
Diethylphthalate
Concen: 45.276 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.012 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:149 Resp: 442821

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.3	27.5
150	12.1	9.8	14.6





#61
4-Chlorophenyl-phenylether
Concen: 42.162 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:204 Resp: 22222

Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.4	41.2
141	54.9	40.0	60.0

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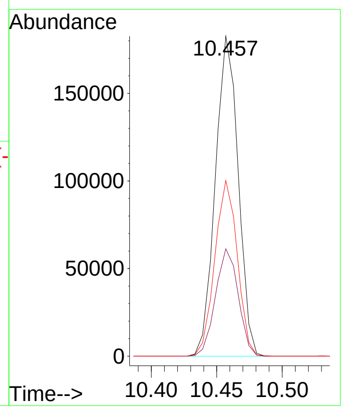
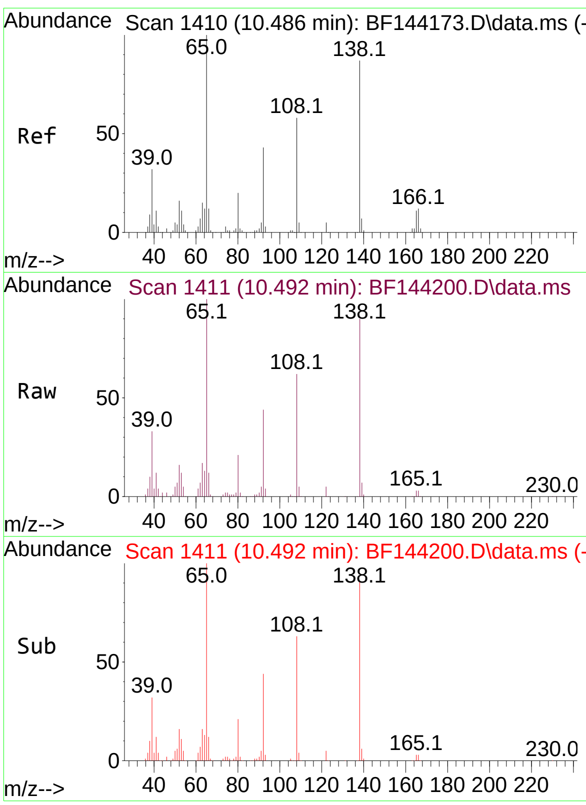
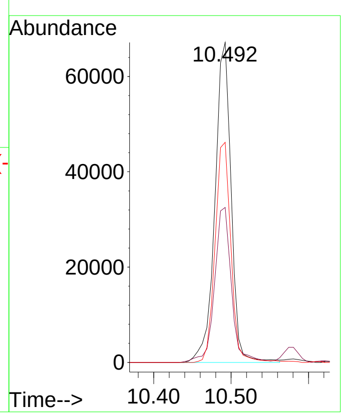


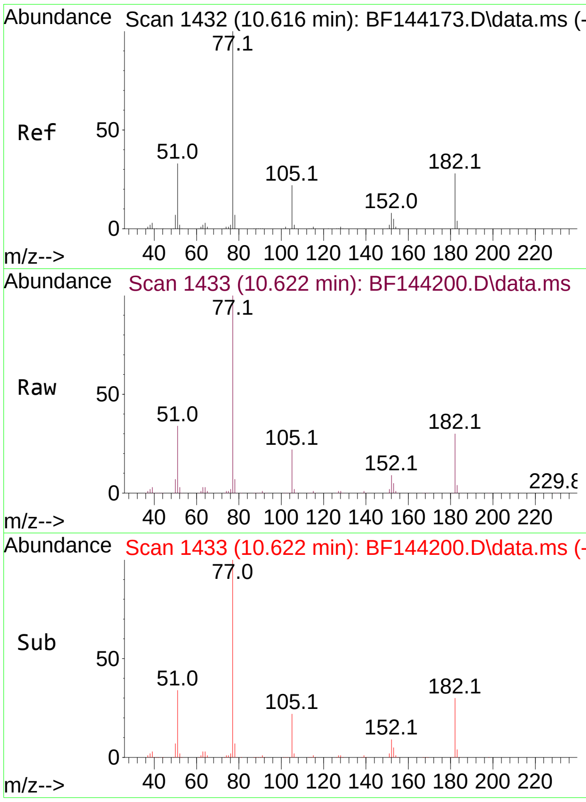


#62
4-Nitroaniline
Concen: 43.851 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.017 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:138 Resp: 98043

Ion	Ratio	Lower	Upper
138	100		
92	48.4	29.4	69.4
108	68.8	46.4	86.4





#63
Azobenzene
Concen: 46.050 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion: 77 Resp: 41916

Ion	Ratio	Lower	Upper
77	100		
182	30.0	8.1	48.1
105	22.0	2.0	42.0
51	34.4	13.9	53.9

Instrument :
BNA_F
ClientSampleId :
PB170478BS

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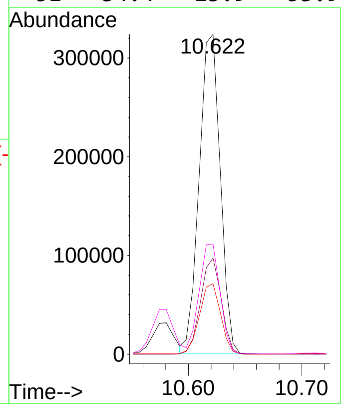
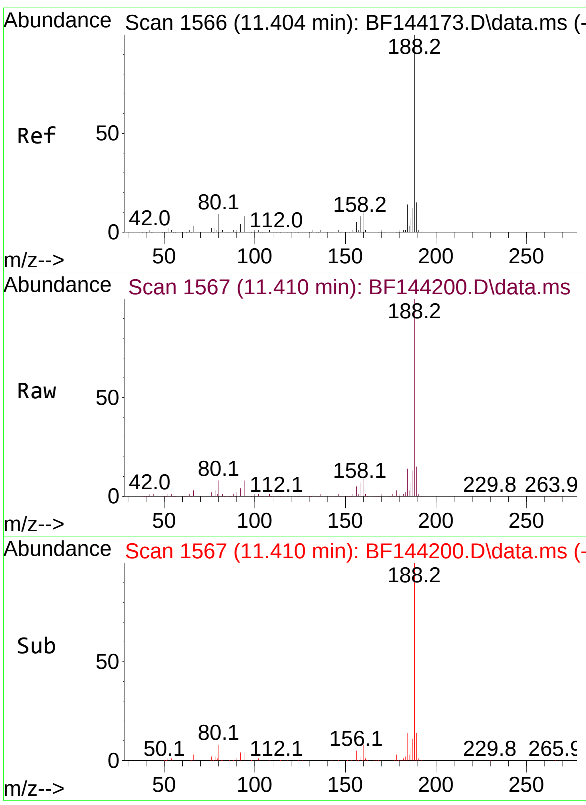
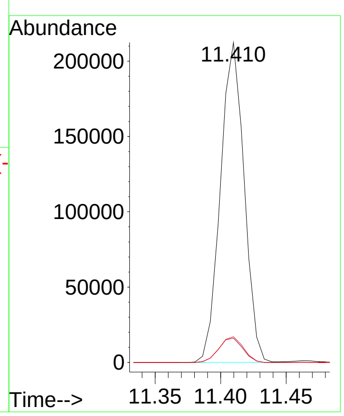


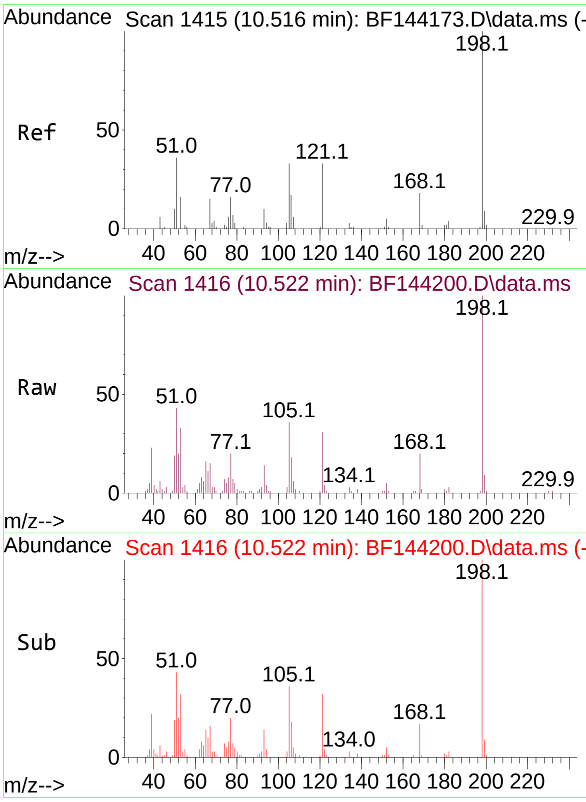


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:188 Resp: 268017

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.2
80	8.0	6.9	10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 42.753 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:198 Resp: 7784

Ion	Ratio	Lower	Upper
198	100		
51	43.0	25.6	65.6
105	35.5	14.6	54.6

Instrument :
BNA_F
ClientSampleId :
PB170478BS

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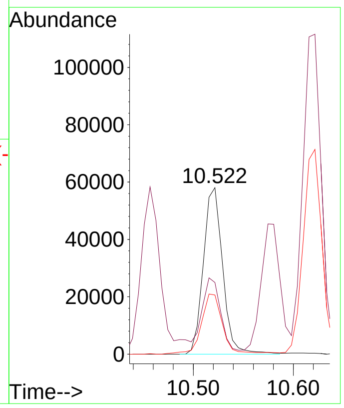
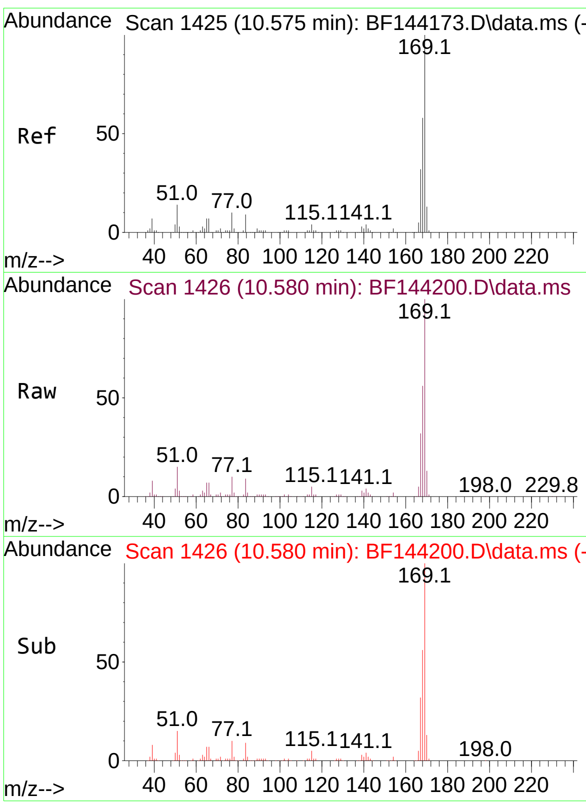
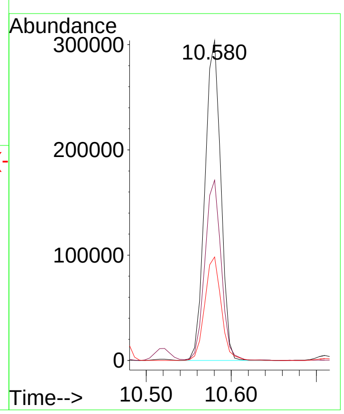




#66
n-Nitrosodiphenylamine
Concen: 45.741 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:169 Resp: 394291

Ion	Ratio	Lower	Upper
169	100		
168	56.3	46.2	69.2
167	32.3	25.7	38.5



Sample Results: **BF144200.D**

Instrument :
BNA_F
ClientSampleId :
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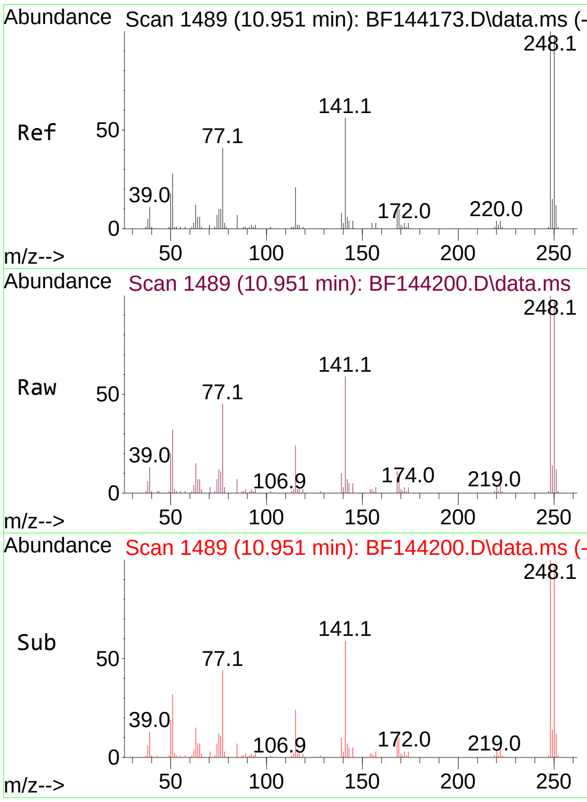
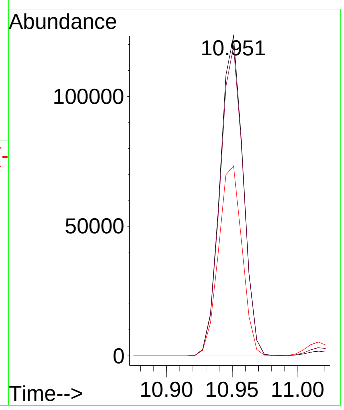
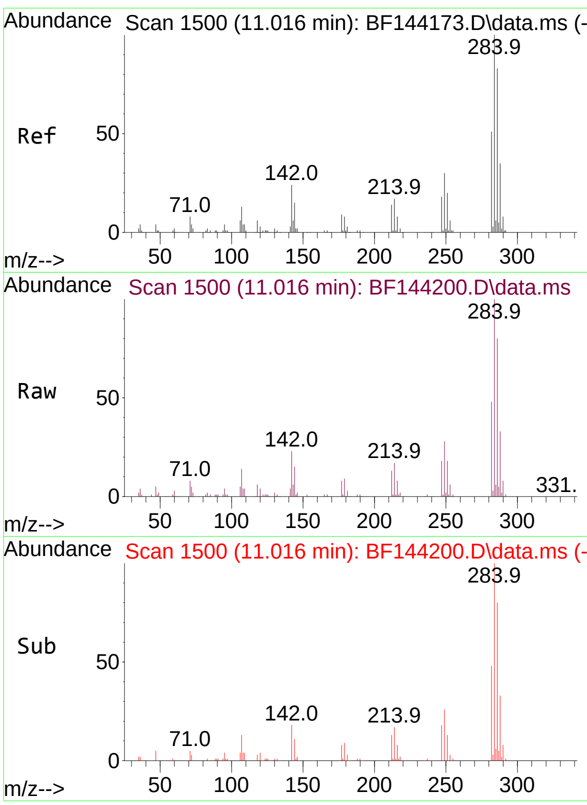


#67
4-Bromophenyl-phenylether
Concen: 44.288 ng
RT: 10.951 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:248 Resp: 15150

Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.4	117.6
141	59.3	45.1	67.7

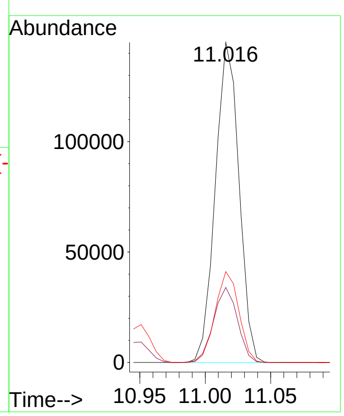


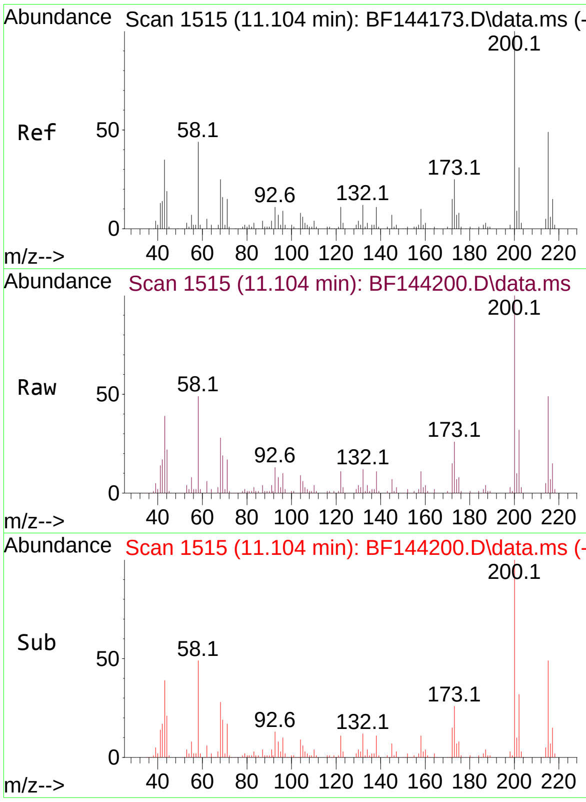


#68
Hexachlorobenzene
Concen: 45.310 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:284 Resp: 182575

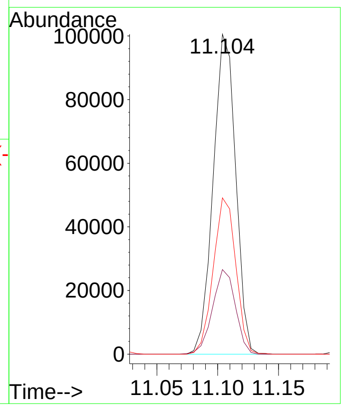
Ion	Ratio	Lower	Upper
284	100		
142	23.4	19.2	28.8
249	28.4	23.8	35.8





#69
Atrazine
Concen: 47.271 ng
RT: 11.104 min Scan# 1!
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:200 Resp: 129589
Ion Ratio Lower Upper
200 100
173 26.4 5.0 45.0
215 48.8 28.7 68.7



Instrument :
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ClientSampleId :
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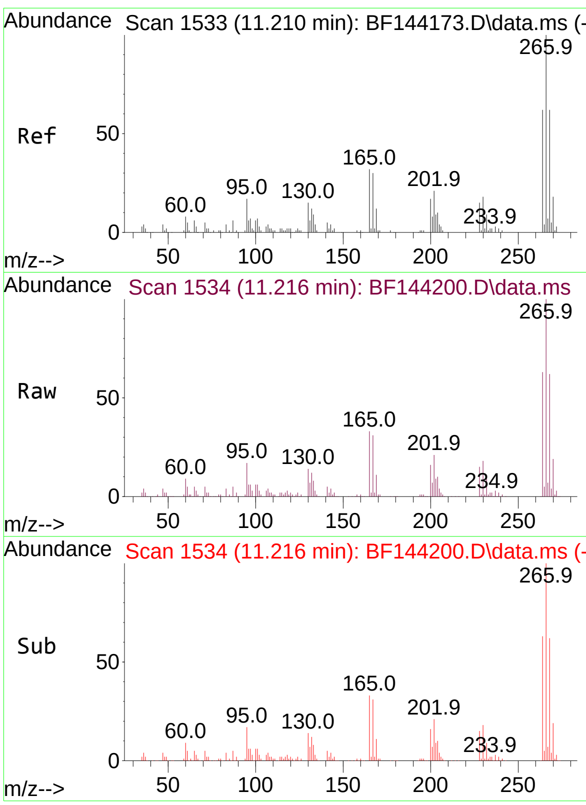
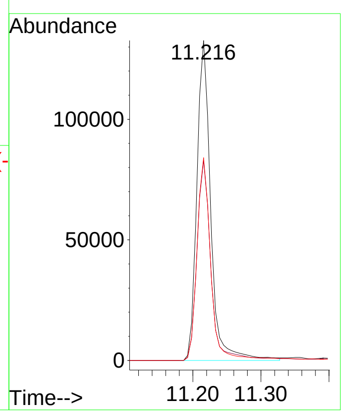
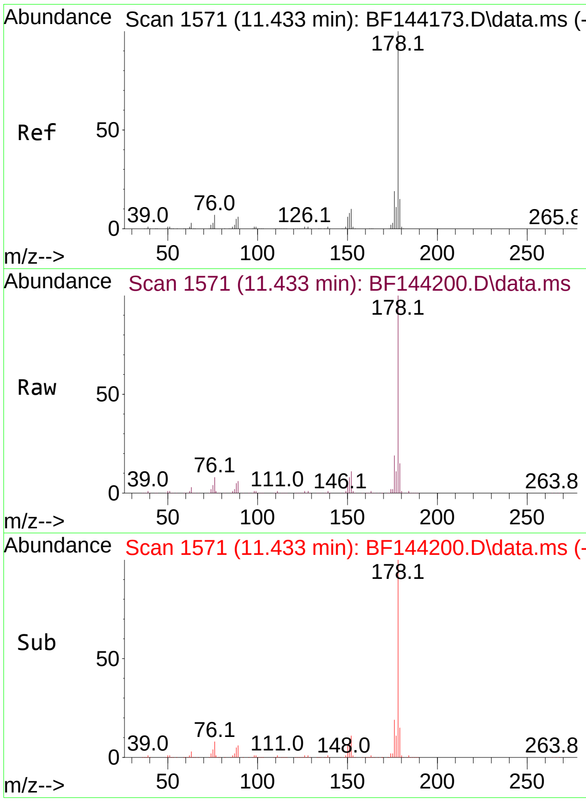


#70
Pentachlorophenol
Concen: 93.963 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:266 Resp: 188539
Ion Ratio Lower Upper
266 100
268 62.4 49.5 74.3
264 63.4 49.4 74.2

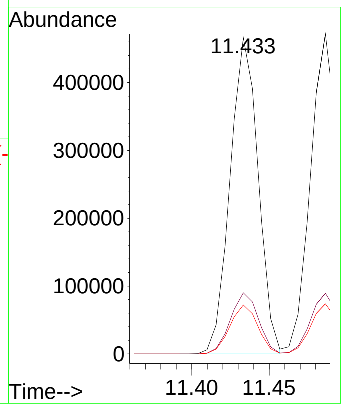




#71
Phenanthrene
Concen: 44.051 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:178 Resp: 58782

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.5	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
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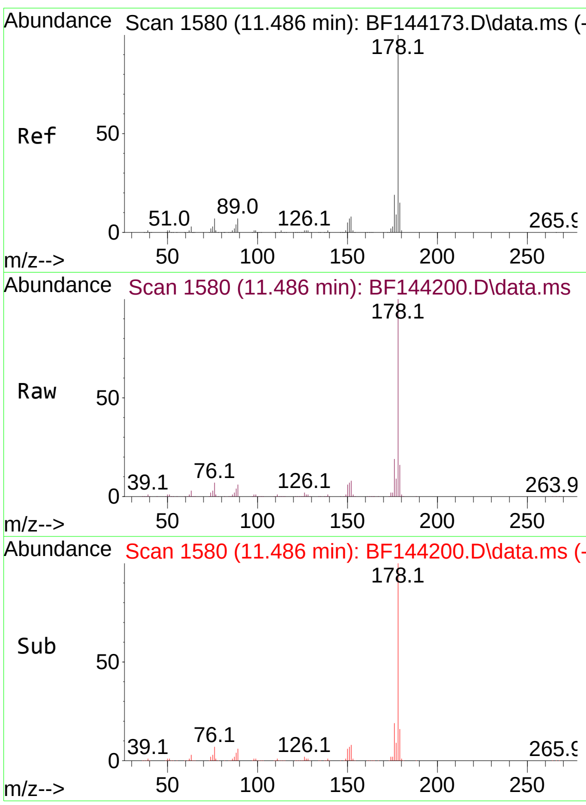
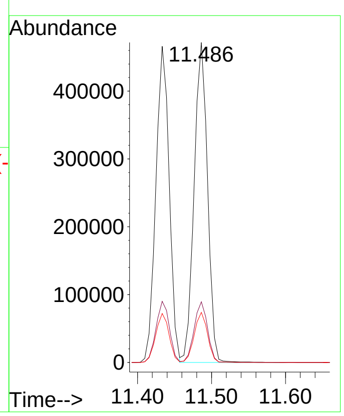
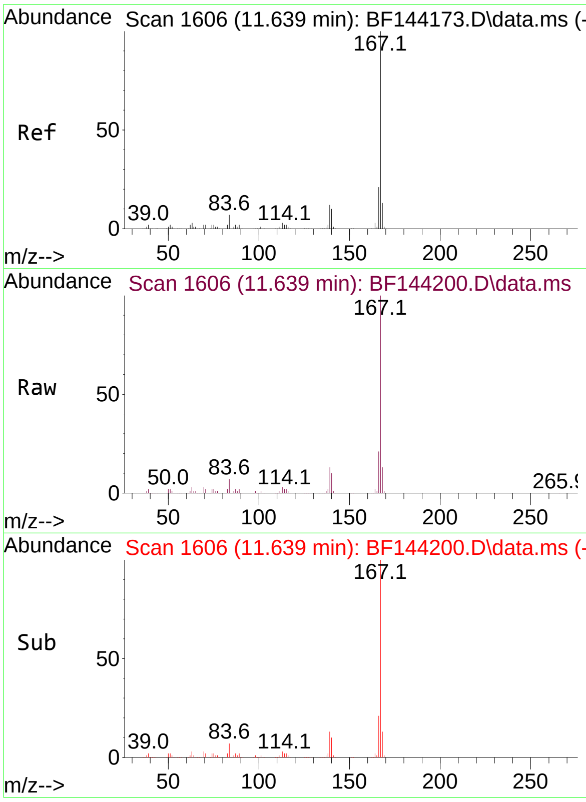


#72
Anthracene
Concen: 43.787 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:178 Resp: 594138

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.6	12.0	18.0

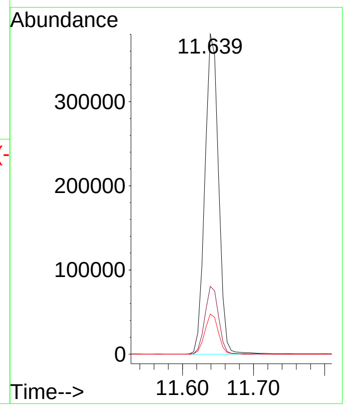




#73
Carbazole
Concen: 43.764 ng
RT: 11.639 min Scan# 16
Delta R.T. -0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:167 Resp: 50494

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.5	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
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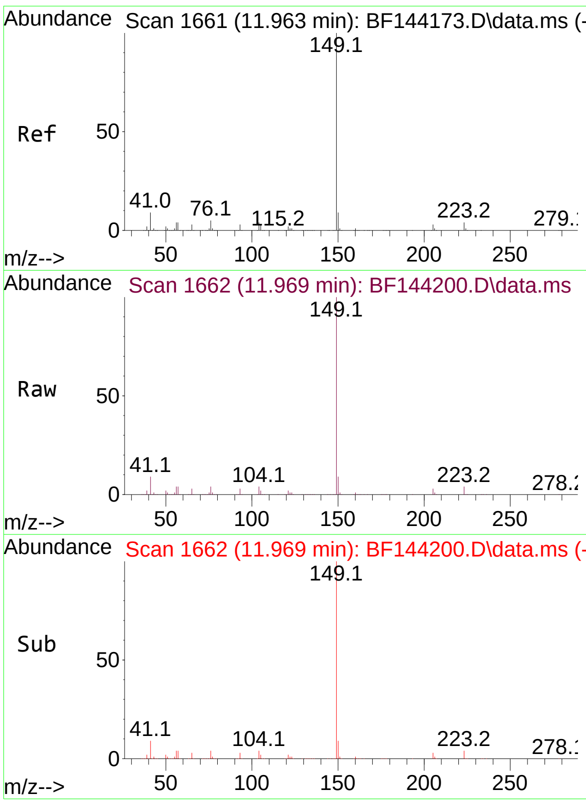
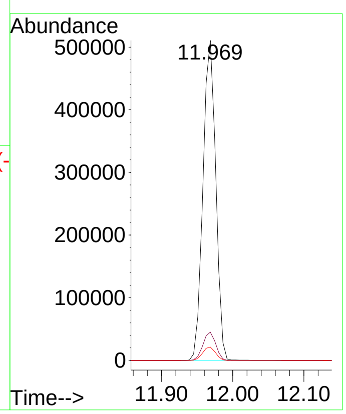


#74
Di-n-butylphthalate
Concen: 45.535 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:149 Resp: 635124

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.0
104	4.2	3.4	5.2



Instrument :
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ClientSampleId :
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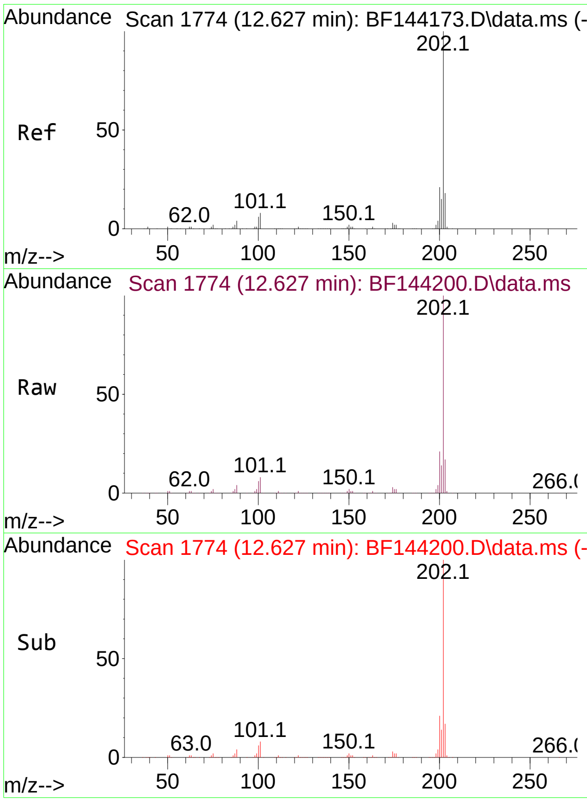
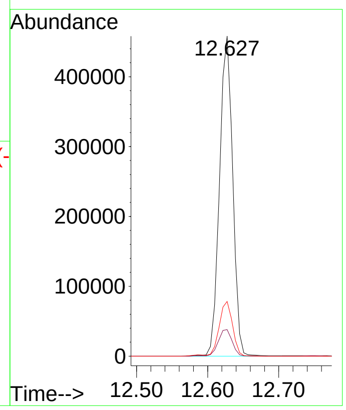
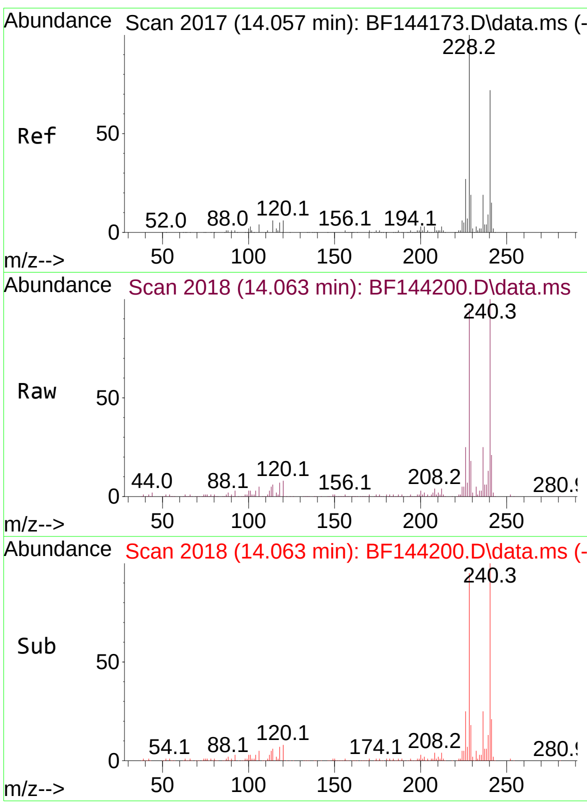



```
#75
Fluoranthene
Concen:   43.055 ng
RT:  12.627 min  Scan# 1
Delta R.T.  0.006 min
Lab File:   BF144200.D
Acq: 11 Nov 2025  13:36

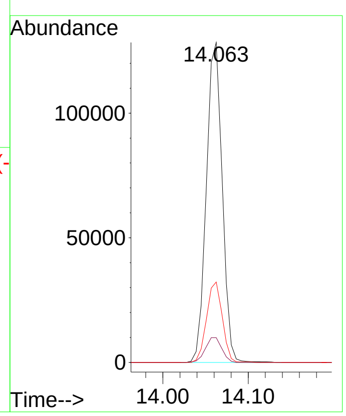
Tgt Ion:202 Resp:  59349
Ion  Ratio  Lower  Upper
202  100
101    8.3    0.0   27.9
203   17.1    0.0   37.5
```

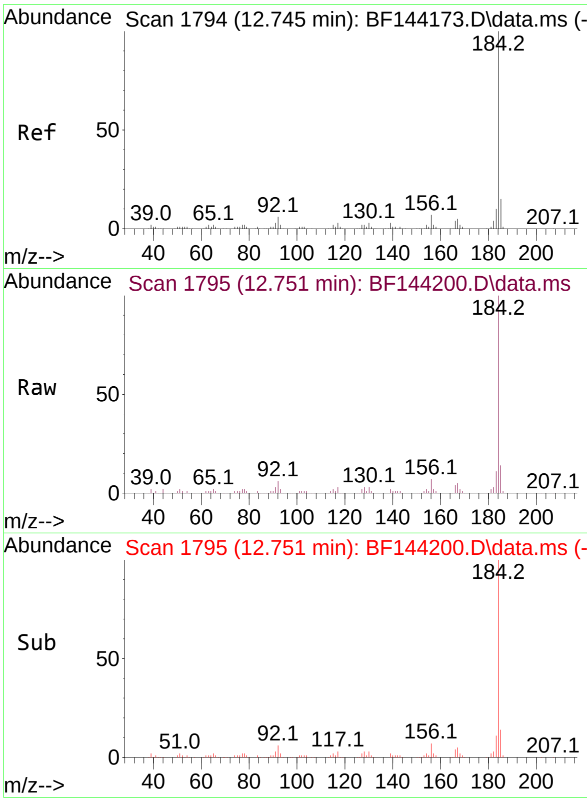





```
#76
Chrysene-d12
Concen:   20.000 ng
RT:  14.063 min  Scan# 2018
Delta R.T.  0.012 min
Lab File:   BF144200.D
Acq: 11 Nov 2025  13:36

Tgt Ion:240 Resp:  166103
Ion  Ratio  Lower  Upper
240  100
120    7.7    6.6   10.0
236   25.1   21.4   32.2
```





#77
Benzidine
Concen: 26.035 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:184 Resp: 12791

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.7	17.5
183	10.9	8.3	12.5

Instrument :
BNA_F
ClientSampleId :
PB170478BS

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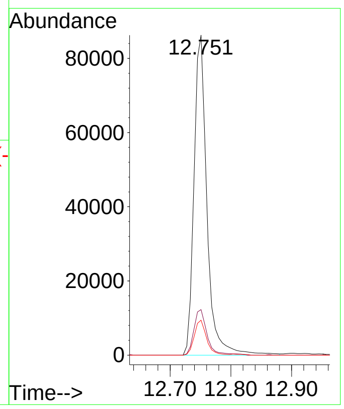
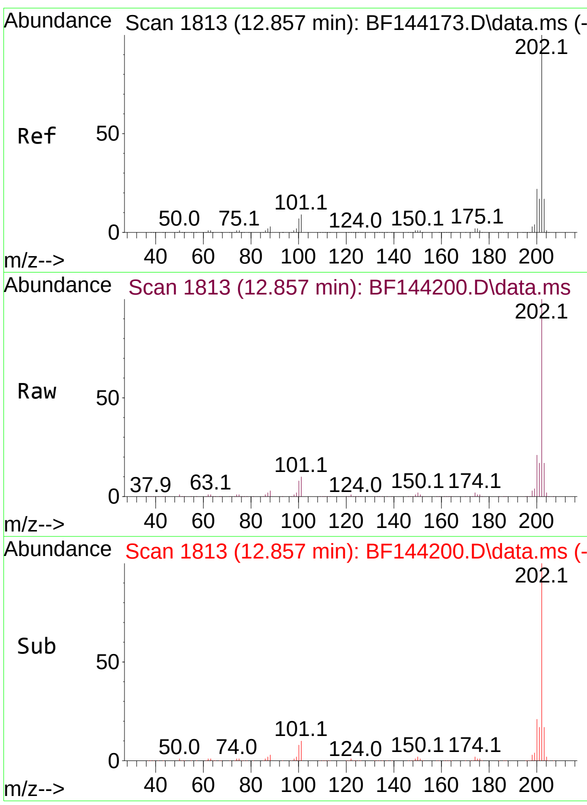
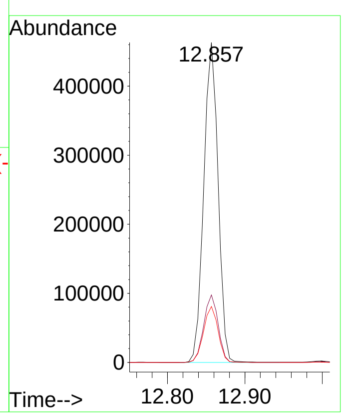




#78
Pyrene
Concen: 44.498 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:202 Resp: 595945

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.5	13.7	20.5



Instrument :
BNA_F
ClientSampleId :
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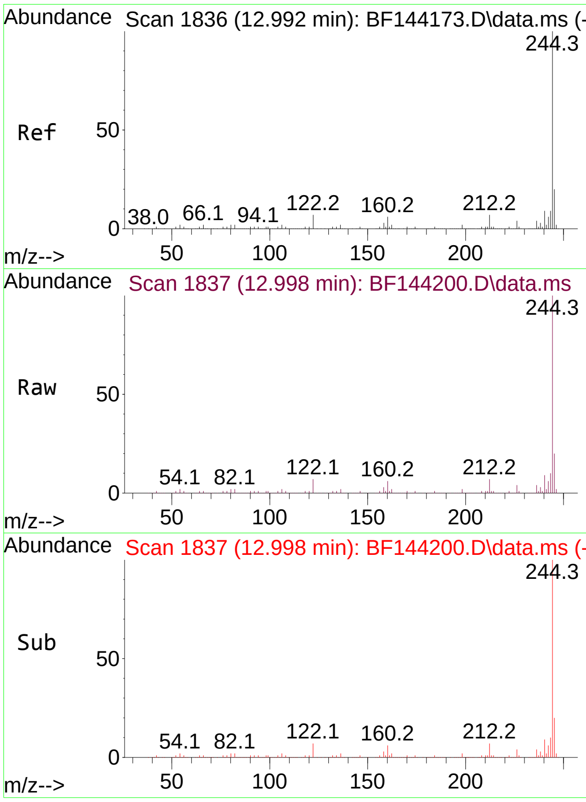
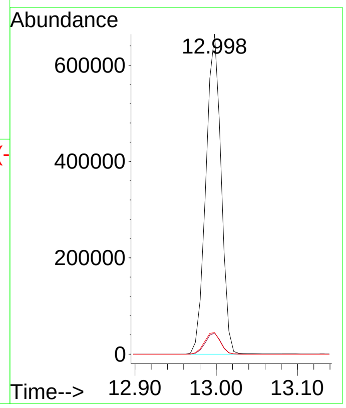
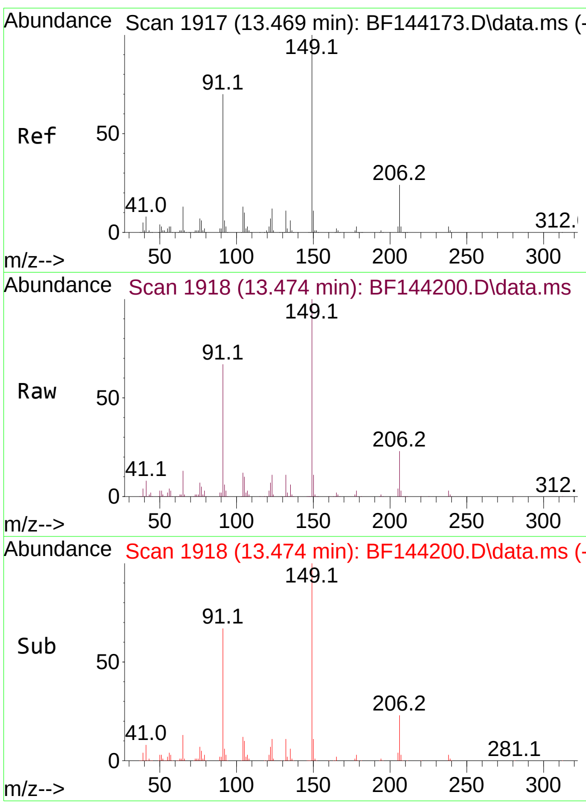


#79
Terphenyl-d14
Concen: 82.865 ng
RT: 12.998 min Scan# 18
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:244 Resp: 86654

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	6.7	5.6	8.4

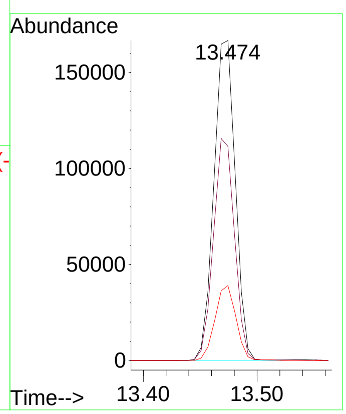


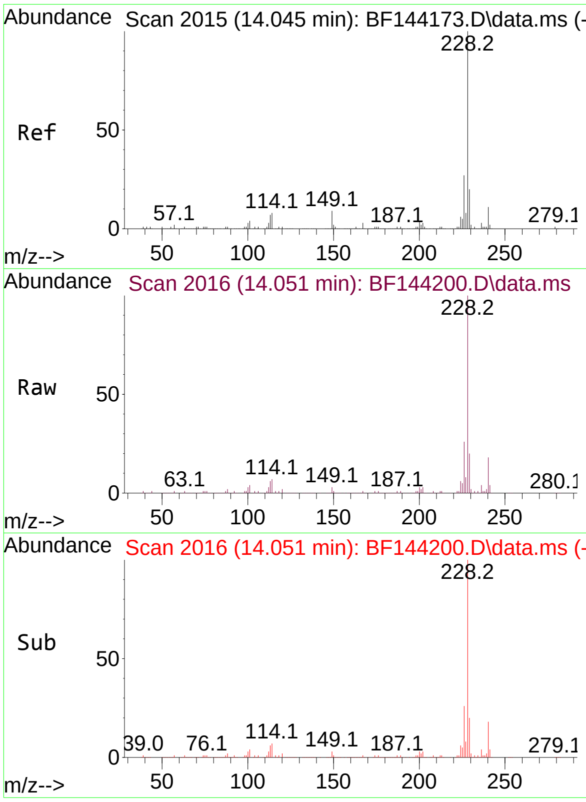


#80
Butylbenzylphthalate
Concen: 47.094 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:149 Resp: 218599

Ion	Ratio	Lower	Upper
149	100		
91	66.9	56.1	84.1
206	23.4	18.8	28.2





#81
Benzo(a)anthracene
Concen: 45.840 ng
RT: 14.051 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

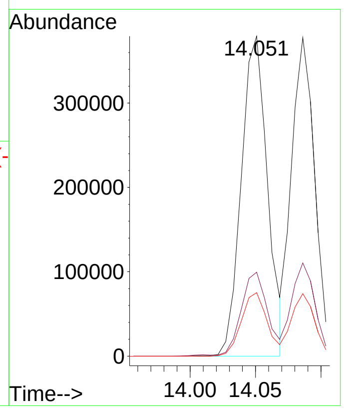
Instrument :
BNA_F
ClientSampleId :
PB170478BS

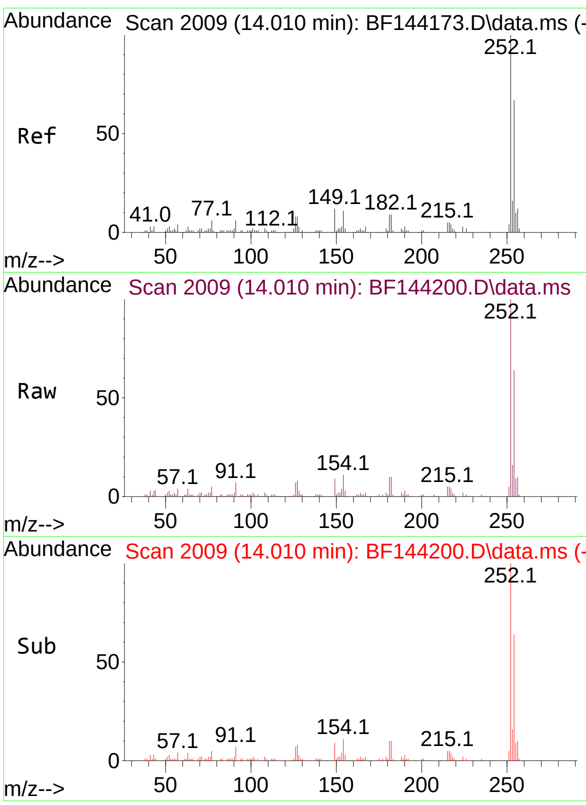
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Tgt Ion:228 Resp: 52771

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.8	32.8
229	19.8	15.8	23.6

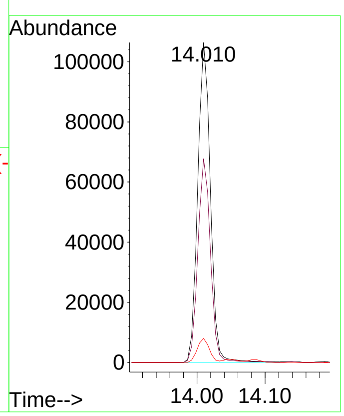


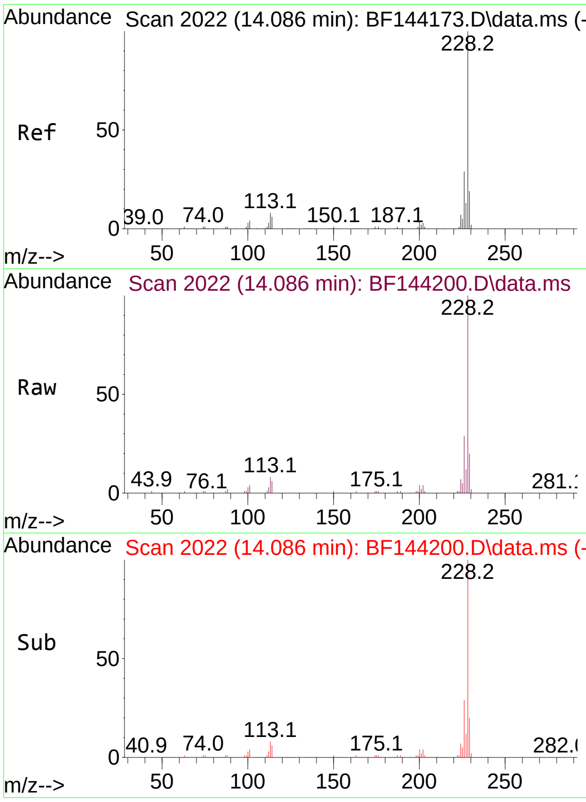


#82
3,3'-Dichlorobenzidine
Concen: 34.954 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:252 Resp: 137930

Ion	Ratio	Lower	Upper
252	100		
254	63.6	53.5	80.3
126	7.5	6.4	9.6





#83
Chrysene
Concen: 43.956 ng
RT: 14.086 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

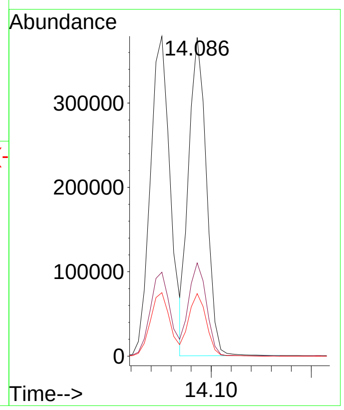
Tgt Ion:228 Resp: 46713

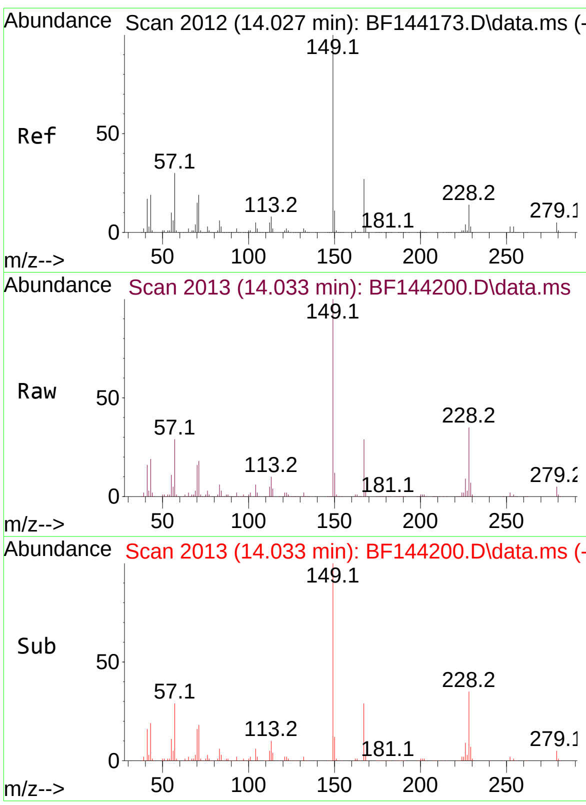
Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.9	34.3
229	19.6	15.0	22.6

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli   11/12/2025
Supervised By :Jagrut Upadhyay   11/12/2025

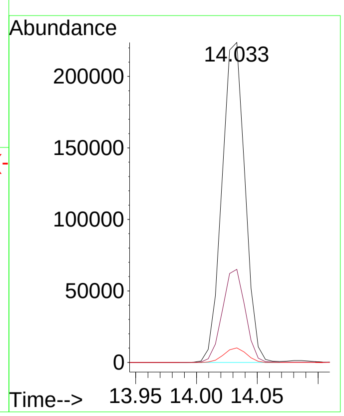


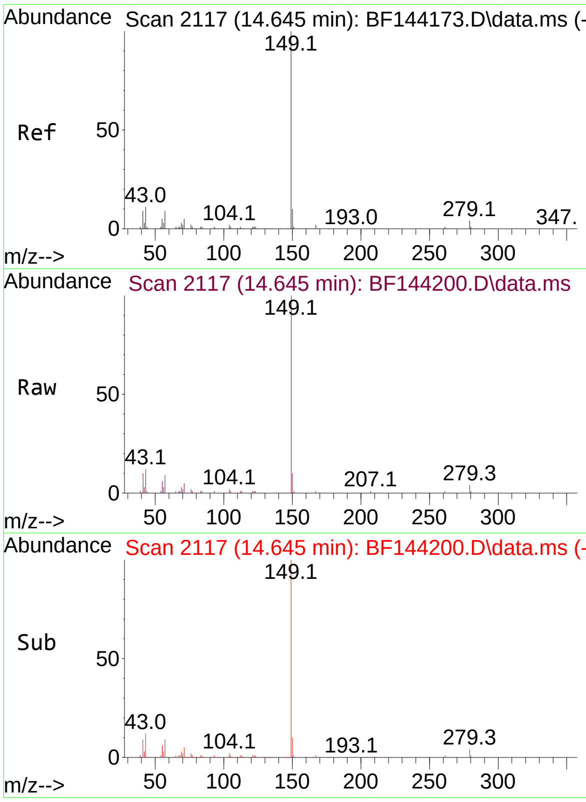


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.515 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:149 Resp: 295568

Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.8	32.8
279	4.5	3.7	5.5





#85
Di-n-octyl phthalate
Concen: 46.155 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

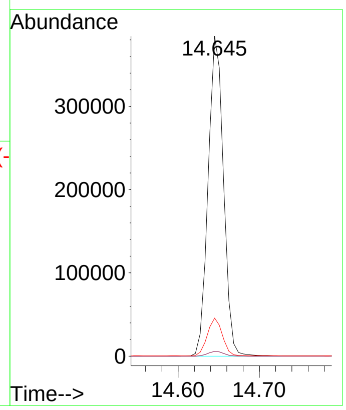
Instrument :
BNA_F
ClientSampleId :
PB170478BS

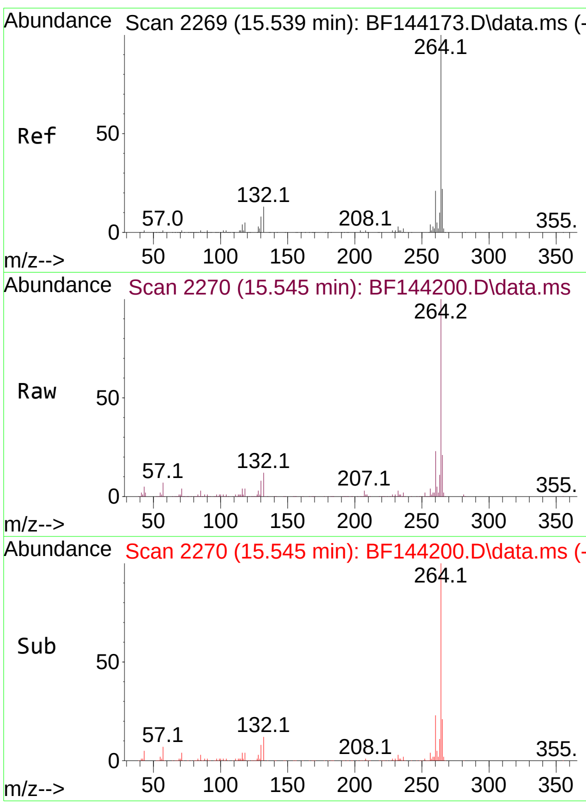
Tgt Ion:149 Resp: 506010

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.5	9.0	13.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

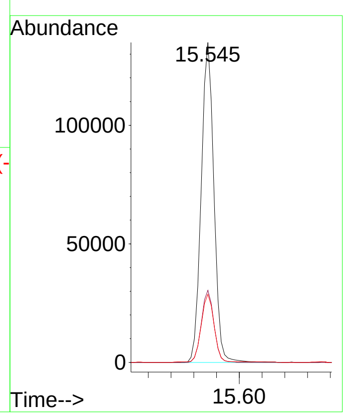


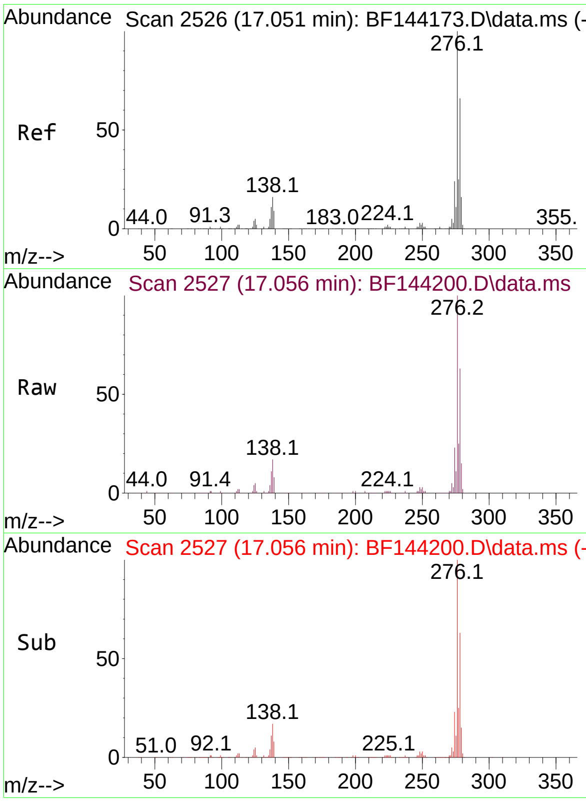


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:264 Resp: 208533

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.1	25.7
265	21.3	17.4	26.0

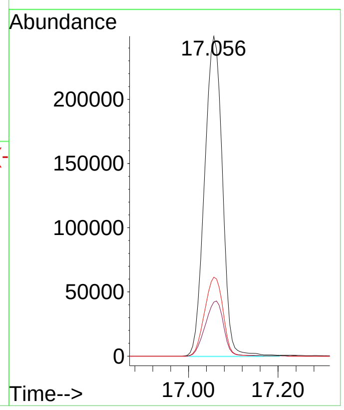




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.145 ng
RT: 17.056 min Scan# 2
Delta R.T. 0.023 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:276 Resp: 69076

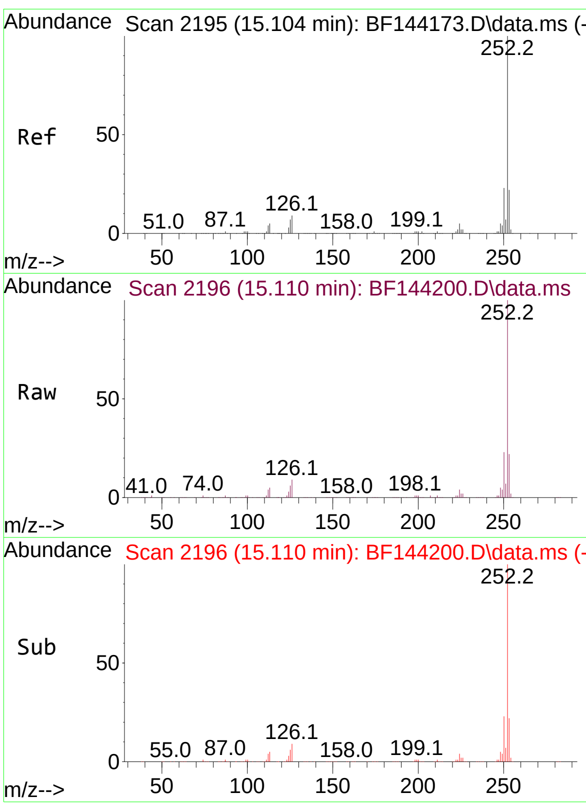
Ion	Ratio	Lower	Upper
276	100		
138	17.8	13.9	20.9
277	25.4	19.8	29.6



Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations APPROVED

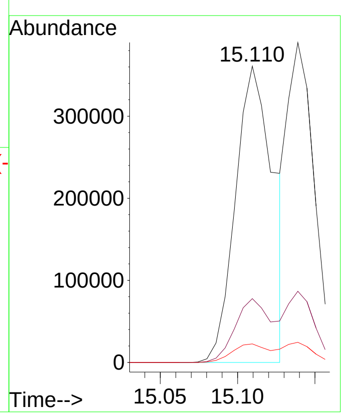
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#88
Benzo(b)fluoranthene
Concen: 51.683 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:252 Resp: 612732

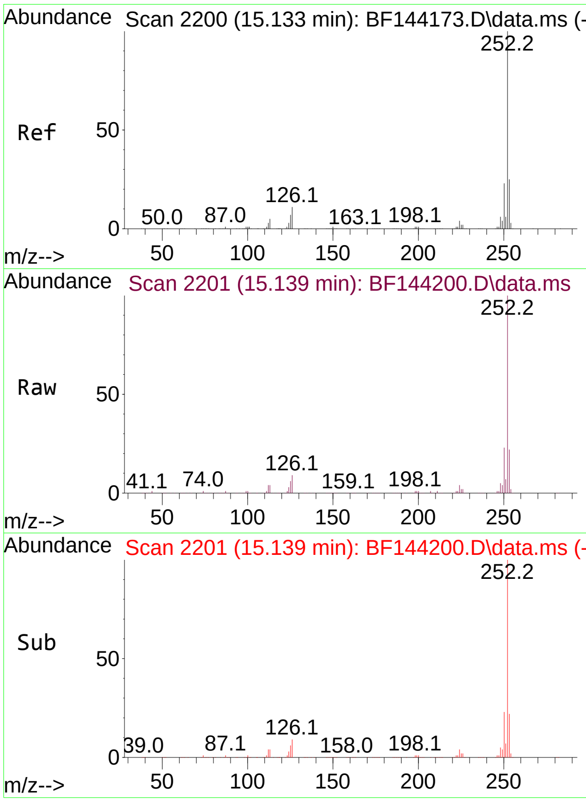
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	6.2	5.3	7.9



Instrument :
BNA_F
ClientSampleId :
PB170478BS

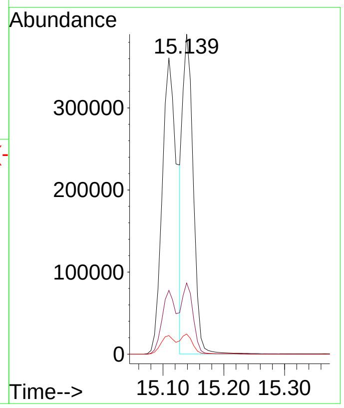
Manual Integrations APPROVED

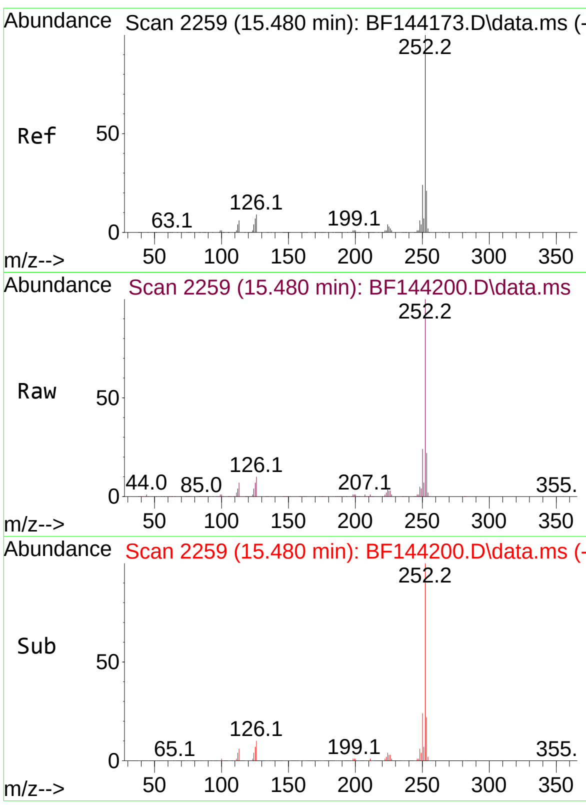
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025




```
#89
Benzo(k)fluoranthene
Concen:   43.090 ng
RT:  15.139 min  Scan# 22
Delta R.T.  0.012 min
Lab File:   BF144200.D
Acq: 11 Nov 2025  13:36

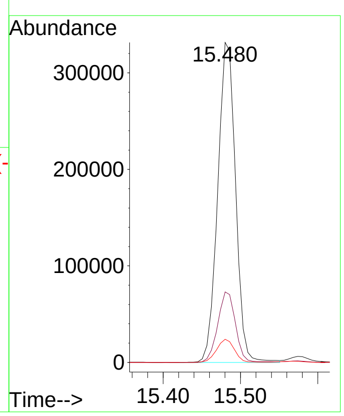
Tgt Ion:252 Resp:  47815
Ion  Ratio  Lower  Upper
252  100
253   22.2   18.0   27.0
125    6.3    5.4    8.2
```

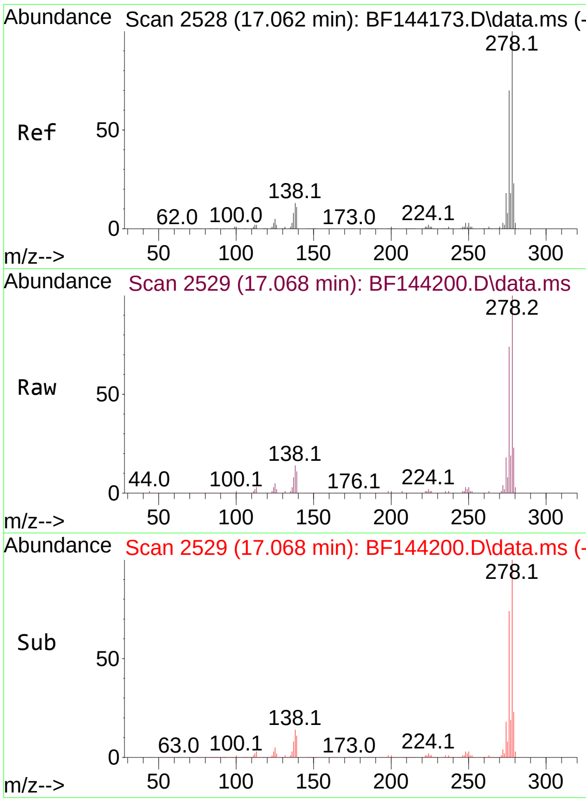





```
#90
Benzo(a)pyrene
Concen:   48.659 ng
RT:  15.480 min  Scan# 2259
Delta R.T.  0.006 min
Lab File:   BF144200.D
Acq: 11 Nov 2025  13:36

Tgt Ion:252 Resp:  532196
Ion  Ratio  Lower  Upper
252  100
253   22.0   16.7   25.1
125    7.2    5.7    8.5
```





#91
Dibenzo(a,h)anthracene
Concen: 47.705 ng
RT: 17.068 min Scan# 2
Delta R.T. 0.017 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:278 Resp: 57350

Ion	Ratio	Lower	Upper
278	100		
139	10.9	9.1	13.7
279	22.7	18.2	27.4

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations
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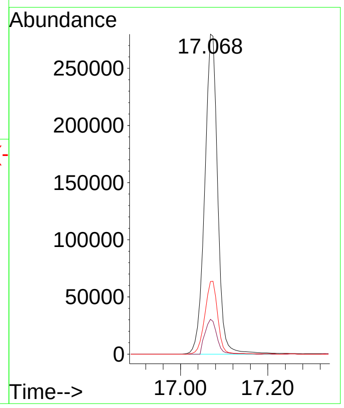
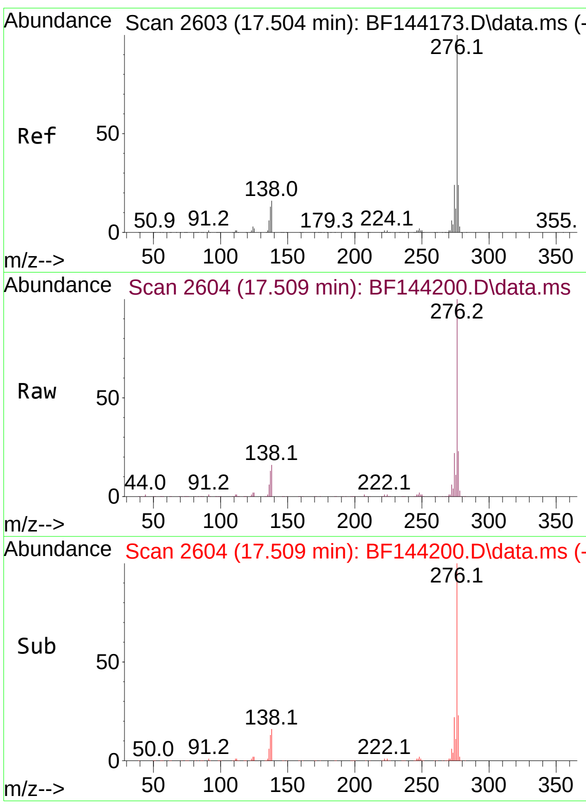
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

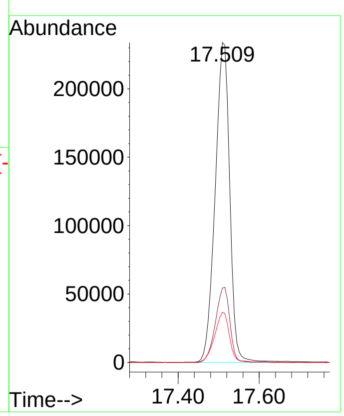




#92
Benzo(g,h,i)perylene
Concen: 49.251 ng
RT: 17.509 min Scan# 2604
Delta R.T. 0.017 min
Lab File: BF144200.D
Acq: 11 Nov 2025 13:36

Tgt Ion:276 Resp: 584704

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	15.7	12.9	19.3



Raw Data: **BP026093.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3MS			SDG No.:	Q3586
Lab Sample ID:	Q3586-03MS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	50.9
Sample Wt/Vol:	30.05 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2600		1	310	650	ug/Kg	11/11/25 16:52	PB170478
108-95-2	Phenol	3000		1	43.3	330	ug/Kg	11/11/25 16:52	PB170478
111-44-4	bis(2-Chloroethyl)ether	2700		1	47.7	330	ug/Kg	11/11/25 16:52	PB170478
95-57-8	2-Chlorophenol	3100		1	47.9	330	ug/Kg	11/11/25 16:52	PB170478
95-48-7	2-Methylphenol	3000		1	58.6	330	ug/Kg	11/11/25 16:52	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	2500		1	73.6	330	ug/Kg	11/11/25 16:52	PB170478
98-86-2	Acetophenone	2900		1	57.9	330	ug/Kg	11/11/25 16:52	PB170478
65794-96-9	3+4-Methylphenols	2900		1	80.6	650	ug/Kg	11/11/25 16:52	PB170478
621-64-7	n-Nitroso-di-n-propylamine	2800		1	93.0	160	ug/Kg	11/11/25 16:52	PB170478
67-72-1	Hexachloroethane	2900		1	34.5	330	ug/Kg	11/11/25 16:52	PB170478
98-95-3	Nitrobenzene	3000		1	35.9	330	ug/Kg	11/11/25 16:52	PB170478
78-59-1	Isophorone	2800		1	64.3	330	ug/Kg	11/11/25 16:52	PB170478
88-75-5	2-Nitrophenol	4100		1	110	330	ug/Kg	11/11/25 16:52	PB170478
105-67-9	2,4-Dimethylphenol	3300		1	130	330	ug/Kg	11/11/25 16:52	PB170478
111-91-1	bis(2-Chloroethoxy)methane	2800		1	60.4	330	ug/Kg	11/11/25 16:52	PB170478
120-83-2	2,4-Dichlorophenol	3200		1	55.5	330	ug/Kg	11/11/25 16:52	PB170478
91-20-3	Naphthalene	2800		1	44.5	330	ug/Kg	11/11/25 16:52	PB170478
106-47-8	4-Chloroaniline	1300		1	69.4	330	ug/Kg	11/11/25 16:52	PB170478
87-68-3	Hexachlorobutadiene	2900		1	49.6	330	ug/Kg	11/11/25 16:52	PB170478
105-60-2	Caprolactam	3200		1	100	650	ug/Kg	11/11/25 16:52	PB170478
59-50-7	4-Chloro-3-methylphenol	3200		1	56.3	330	ug/Kg	11/11/25 16:52	PB170478
91-57-6	2-Methylnaphthalene	2600		1	50.2	330	ug/Kg	11/11/25 16:52	PB170478
77-47-4	Hexachlorocyclopentadiene	8600	E	1	230	650	ug/Kg	11/11/25 16:52	PB170478
88-06-2	2,4,6-Trichlorophenol	3400		1	38.8	330	ug/Kg	11/11/25 16:52	PB170478
95-95-4	2,4,5-Trichlorophenol	3300		1	57.1	330	ug/Kg	11/11/25 16:52	PB170478
92-52-4	1,1-Biphenyl	2800		1	42.8	330	ug/Kg	11/11/25 16:52	PB170478
91-58-7	2-Chloronaphthalene	2800		1	44.1	330	ug/Kg	11/11/25 16:52	PB170478
88-74-4	2-Nitroaniline	3100		1	94.3	330	ug/Kg	11/11/25 16:52	PB170478
131-11-3	Dimethylphthalate	2900		1	53.2	330	ug/Kg	11/11/25 16:52	PB170478
208-96-8	Acenaphthylene	3300		1	56.7	330	ug/Kg	11/11/25 16:52	PB170478
606-20-2	2,6-Dinitrotoluene	3400		1	65.9	330	ug/Kg	11/11/25 16:52	PB170478
99-09-2	3-Nitroaniline	1900		1	90.2	330	ug/Kg	11/11/25 16:52	PB170478
83-32-9	Acenaphthene	2700		1	41.8	330	ug/Kg	11/11/25 16:52	PB170478
51-28-5	2,4-Dinitrophenol	7200	E	1	450	650	ug/Kg	11/11/25 16:52	PB170478
100-02-7	4-Nitrophenol	6800	E	1	210	650	ug/Kg	11/11/25 16:52	PB170478
132-64-9	Dibenzofuran	2800		1	44.5	330	ug/Kg	11/11/25 16:52	PB170478
121-14-2	2,4-Dinitrotoluene	3400		1	98.3	330	ug/Kg	11/11/25 16:52	PB170478
84-66-2	Diethylphthalate	3000		1	55.5	330	ug/Kg	11/11/25 16:52	PB170478
7005-72-3	4-Chlorophenyl-phenylether	2800		1	52.4	330	ug/Kg	11/11/25 16:52	PB170478
86-73-7	Fluorene	2900		1	49.6	330	ug/Kg	11/11/25 16:52	PB170478
100-01-6	4-Nitroaniline	3400		1	130	330	ug/Kg	11/11/25 16:52	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	4000		1	200	650	ug/Kg	11/11/25 16:52	PB170478

Raw Data: **BP026093.D**

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3MS			SDG No.:	Q3586
Lab Sample ID:	Q3586-03MS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	50.9
Sample Wt/Vol:	30.05 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	2900		1	64.5	330	ug/Kg	11/11/25 16:52	PB170478
101-55-3	4-Bromophenyl-phenylether	2900		1	54.5	330	ug/Kg	11/11/25 16:52	PB170478
118-74-1	Hexachlorobenzene	2900		1	49.6	330	ug/Kg	11/11/25 16:52	PB170478
1912-24-9	Atrazine	3300		1	66.7	330	ug/Kg	11/11/25 16:52	PB170478
87-86-5	Pentachlorophenol	6900	E	1	100	650	ug/Kg	11/11/25 16:52	PB170478
85-01-8	Phenanthrene	2800		1	41.0	330	ug/Kg	11/11/25 16:52	PB170478
120-12-7	Anthracene	2900		1	65.3	330	ug/Kg	11/11/25 16:52	PB170478
86-74-8	Carbazole	3000		1	61.2	330	ug/Kg	11/11/25 16:52	PB170478
84-74-2	Di-n-butylphthalate	3200		1	93.9	330	ug/Kg	11/11/25 16:52	PB170478
206-44-0	Fluoranthene	3000		1	58.8	330	ug/Kg	11/11/25 16:52	PB170478
129-00-0	Pyrene	2800		1	70.6	330	ug/Kg	11/11/25 16:52	PB170478
85-68-7	Butylbenzylphthalate	3300		1	140	330	ug/Kg	11/11/25 16:52	PB170478
91-94-1	3,3-Dichlorobenzidine	2200		1	72.0	650	ug/Kg	11/11/25 16:52	PB170478
56-55-3	Benzo(a)anthracene	2900		1	45.1	330	ug/Kg	11/11/25 16:52	PB170478
218-01-9	Chrysene	2900		1	39.0	330	ug/Kg	11/11/25 16:52	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	3100		1	120	330	ug/Kg	11/11/25 16:52	PB170478
117-84-0	Di-n-octyl phthalate	3700		1	170	650	ug/Kg	11/11/25 16:52	PB170478
205-99-2	Benzo(b)fluoranthene	2800		1	37.3	330	ug/Kg	11/11/25 16:52	PB170478
207-08-9	Benzo(k)fluoranthene	2800		1	43.9	330	ug/Kg	11/11/25 16:52	PB170478
50-32-8	Benzo(a)pyrene	3000		1	57.9	330	ug/Kg	11/11/25 16:52	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	3000		1	57.1	330	ug/Kg	11/11/25 16:52	PB170478
53-70-3	Dibenzo(a,h)anthracene	3000		1	53.7	330	ug/Kg	11/11/25 16:52	PB170478
191-24-2	Benzo(g,h,i)perylene	3100		1	50.4	330	ug/Kg	11/11/25 16:52	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	2800		1	50.2	330	ug/Kg	11/11/25 16:52	PB170478
123-91-1	1,4-Dioxane	2500		1	88.7	330	ug/Kg	11/11/25 16:52	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	3700		1	53.7	330	ug/Kg	11/11/25 16:52	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	99.1			30 (10) - 130 (105)	66%	SPK: 150		
13127-88-3	Phenol-d6	98.9			30 (10) - 130 (103)	66%	SPK: 150		
4165-60-0	Nitrobenzene-d5	66.8			30 (10) - 130 (108)	67%	SPK: 100		
321-60-8	2-Fluorobiphenyl	58.7			30 (10) - 130 (108)	59%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	117			30 (10) - 130 (116)	78%	SPK: 150		
1718-51-0	Terphenyl-d14	60.4			30 (10) - 130 (109)	60%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	296000							
1146-65-2	Naphthalene-d8	1170000							
15067-26-2	Acenaphthene-d10	745000							
1517-22-2	Phenanthrene-d10	1550000							
1719-03-5	Chrysene-d12	1760000							
1520-96-3	Perylene-d12	2070000							

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3MS			SDG No.:	Q3586
Lab Sample ID:	Q3586-03MS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	50.9
Sample Wt/Vol:	30.05 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Quantitation Report (QT Reviewed)

Sample Results: **BP026093.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026093.D
Acq On : 11 Nov 2025 16:52
Operator : RC/JU
Sample : Q3586-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Quant Time: Nov 11 17:12:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	296222	20.000	ng		-0.01
21) Naphthalene-d8	10.449	136	1166343	20.000	ng		0.00
39) Acenaphthene-d10	14.313	164	745428	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1549759	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1762341	20.000	ng		0.01
86) Perylene-d12	24.924	264	2068063	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1778196	99.054	ng		0.00
7) Phenol-d6	6.849	99	2260243	98.920	ng		0.00
23) Nitrobenzene-d5	8.813	82	1249195	66.768	ng		-0.01
42) 2,4,6-Tribromophenol	15.825	330	939233	116.547	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	3047663	58.748	ng		-0.01
79) Terphenyl-d14	19.866	244	5237660	60.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	284762	37.628	ng		98
3) Pyridine	3.614	79	786988	36.581	ng		97
4) n-Nitrosodimethylamine	3.525	42	362450	42.035	ng		90
6) Aniline	7.008	93	934451	30.643	ng		98
8) 2-Chlorophenol	7.249	128	946013	47.589	ng		97
9) Benzaldehyde	6.819	77	463796	39.047	ng		99
10) Phenol	6.878	94	1148006	45.257	ng		100
11) bis(2-Chloroethyl)ether	7.102	93	833295	41.626	ng		99
12) 1,3-Dichlorobenzene	7.566	146	1009516	44.220	ng		99
13) 1,4-Dichlorobenzene	7.713	146	1027189	44.502	ng		100
14) 1,2-Dichlorobenzene	8.025	146	980092	44.498	ng		100
15) Benzyl Alcohol	7.908	79	748510	45.441	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1165540	38.523	ng		98
17) 2-Methylphenol	8.113	107	766752	46.161	ng		99
18) Hexachloroethane	8.749	117	355877	45.057	ng		97
19) n-Nitroso-di-n-propyla...	8.472	70	609970	43.005	ng		97
20) 3+4-Methylphenols	8.431	107	1042051	45.095	ng		98
22) Acetophenone	8.484	105	1300398	44.085	ng	#	97
24) Nitrobenzene	8.855	77	906907	45.910	ng		98
25) Isophorone	9.384	82	1731602	43.240	ng		99
26) 2-Nitrophenol	9.560	139	459763	62.382	ng		96
27) 2,4-Dimethylphenol	9.625	122	854401	50.736	ng		98
28) bis(2-Chloroethoxy)met...	9.860	93	1086520	43.051	ng		100
29) 2,4-Dichlorophenol	10.096	162	868157	48.825	ng		98
30) 1,2,4-Trichlorobenzene	10.307	180	905744	46.866	ng		97
31) Naphthalene	10.496	128	2743320	43.132	ng		100
32) Benzoic acid	9.755	122	691403	61.547	ng		96
33) 4-Chloroaniline	10.596	127	470005	19.230	ng		99
34) Hexachlorobutadiene	10.790	225	548423	44.654	ng		98
35) Caprolactam	11.366	113	308604	49.424	ng	#	88
36) 4-Chloro-3-methylphenol	11.725	107	912347	48.947	ng		99
37) 2-Methylnaphthalene	12.113	142	1770111	39.764	ng		99
38) 1-Methylnaphthalene	12.331	142	1816726	42.008	ng		98
40) 1,2,4,5-Tetrachloroben...	12.484	216	1008627	43.548	ng		99
41) Hexachlorocyclopentadiene	12.472	237	1120849	132.265	ng		97
43) 2,4,6-Trichlorophenol	12.725	196	708087	51.722	ng		99

Quantitation Report (QT Reviewed)

Sample Results: **BP026093.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026093.D
Acq On : 11 Nov 2025 16:52
Operator : RC/JU
Sample : Q3586-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Quant Time: Nov 11 17:12:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	788989	50.507 ng	99
46) 1,1'-Biphenyl	13.131	154	2485365	43.543 ng	99
47) 2-Chloronaphthalene	13.172	162	1920130	42.757 ng	99
48) 2-Nitroaniline	13.372	65	556442	48.138 ng	95
49) Acenaphthylene	14.031	152	3279242	50.100 ng	100
50) Dimethylphthalate	13.766	163	2430796	44.831 ng	100
51) 2,6-Dinitrotoluene	13.878	165	530255	52.105 ng	93
52) Acenaphthene	14.378	154	1822943	40.569 ng	100
53) 3-Nitroaniline	14.201	138	344027	29.253 ng #	96
54) 2,4-Dinitrophenol	14.419	184	617165	110.722 ng	92
55) Dibenzofuran	14.719	168	2957373	43.561 ng	98
56) 4-Nitrophenol	14.525	139	1117576	103.365 ng	94
57) 2,4-Dinitrotoluene	14.678	165	777166	51.982 ng	91
58) Fluorene	15.384	166	2341092	44.015 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	699686	56.966 ng	98
60) Diethylphthalate	15.160	149	2469705	45.307 ng	99
61) 4-Chlorophenyl-phenyle...	15.384	204	1137548	42.828 ng	98
62) 4-Nitroaniline	15.395	138	605617	52.270 ng	94
63) Azobenzene	15.684	77	2303527	46.628 ng	96
65) 4,6-Dinitro-2-methylph...	15.454	198	416417	61.165 ng	91
66) n-Nitrosodiphenylamine	15.595	169	2155394	44.482 ng	100
67) 4-Bromophenyl-phenylether	16.301	248	754222	43.874 ng	97
68) Hexachlorobenzene	16.419	284	877752	44.852 ng	96
69) Atrazine	16.578	200	819183	50.115 ng	98
70) Pentachlorophenol	16.772	266	1254838	104.976 ng	99
71) Phenanthrene	17.172	178	3856008	42.748 ng	100
72) Anthracene	17.260	178	3964031	44.333 ng	99
73) Carbazole	17.542	167	3883757	45.885 ng	100
74) Di-n-butylphthalate	18.154	149	4567374	48.225 ng	99
75) Fluoranthene	19.266	202	4810970	45.721 ng	98
77) Benzidine	19.460	184	2760993	61.722 ng	99
78) Pyrene	19.642	202	5019988	42.116 ng	99
80) Butylbenzylphthalate	20.607	149	2238758	50.144 ng	99
81) Benzo(a)anthracene	21.560	228	5361718	44.274 ng	100
82) 3,3'-Dichlorobenzidine	21.489	252	1330753	34.105 ng	99
83) Chrysene	21.625	228	5030796	43.854 ng	100
84) Bis(2-ethylhexyl)phtha...	21.525	149	3357041	47.305 ng	99
85) Di-n-octyl phthalate	22.819	149	5992300	57.119 ng	97
87) Indeno(1,2,3-cd)pyrene	28.718	276	6960277m	45.588 ng	
88) Benzo(b)fluoranthene	23.877	252	5541720	43.165 ng	99
89) Benzo(k)fluoranthene	23.948	252	5709385	43.549 ng	99
90) Benzo(a)pyrene	24.771	252	5501616	46.645 ng	99
91) Dibenzo(a,h)anthracene	28.818	278	5718465	46.024 ng	99
92) Benzo(g,h,i)perylene	29.895	276	5625013	47.046 ng	97

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

Quantitation Report (QT Reviewed)

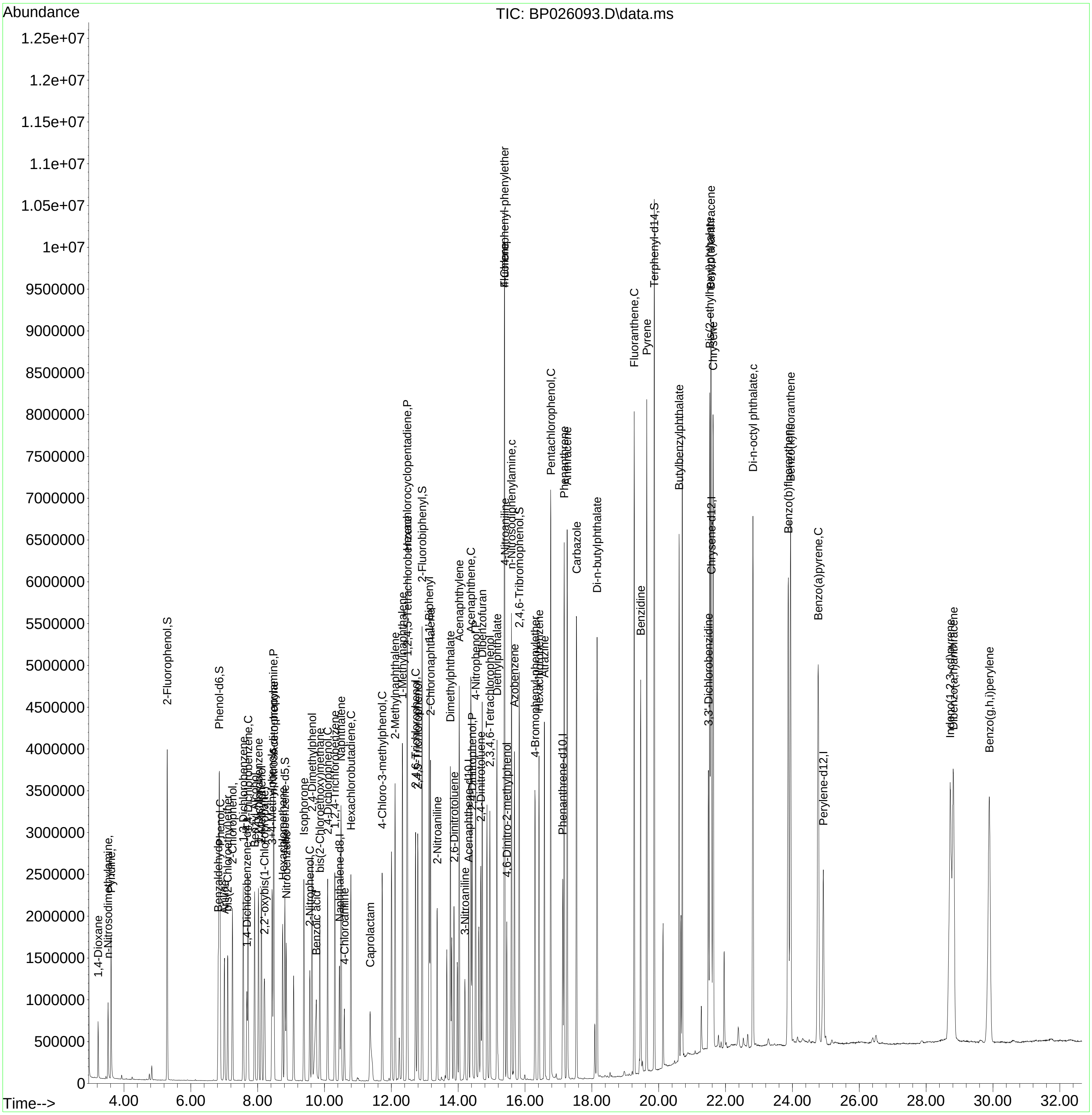
Sample Results: **BP026093.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026093.D
Acq On : 11 Nov 2025 16:52
Operator : RC/JU
Sample : Q3586-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 17:12:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SED-3MS

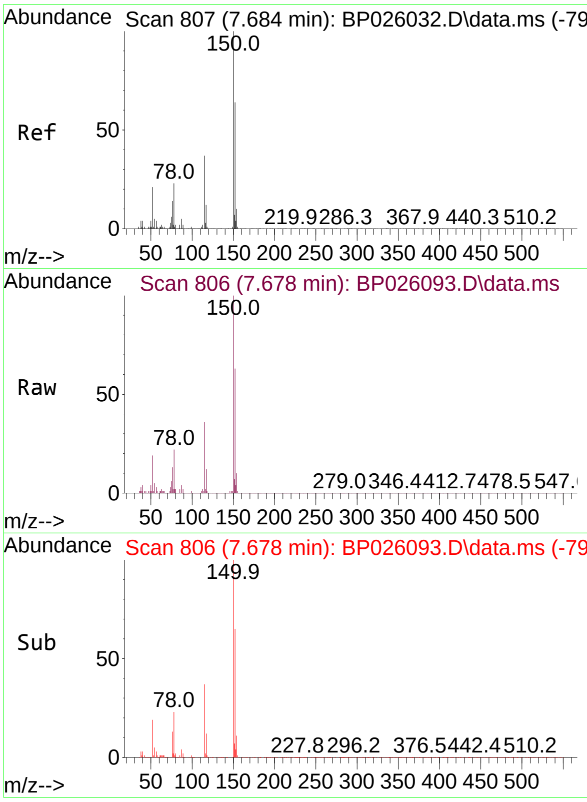
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



Instrument :
BNA_P
ClientSampleId :
SED-3MS

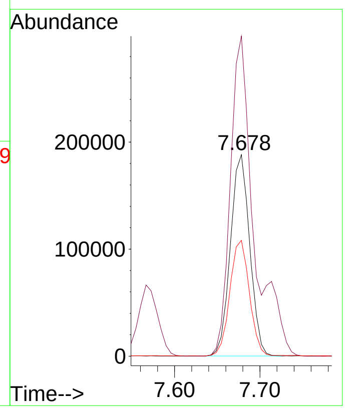
Manual Integrations APPROVED

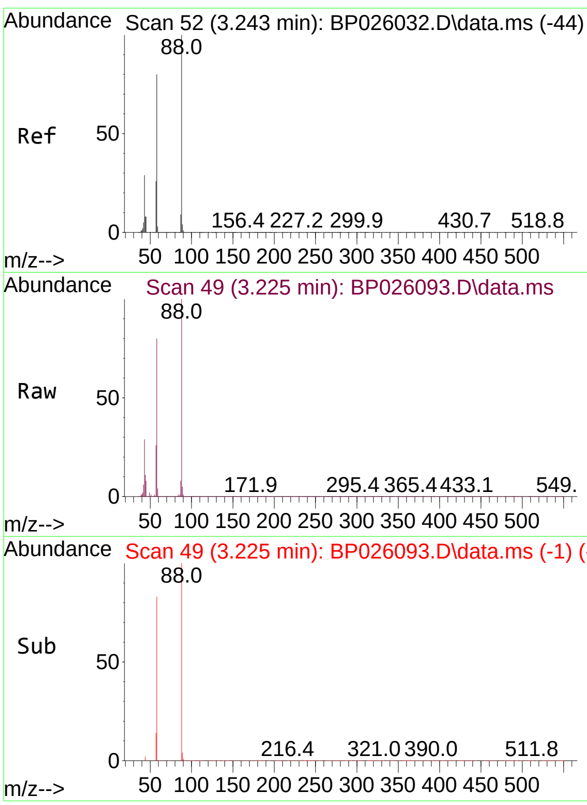
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025




```
#1
1,4-Dichlorobenzene-d4
Concen:   20.000 ng
RT:    7.678 min   Scan# 8
Delta R.T.   -0.012 min
Lab File:    BP026093.D
Acq: 11 Nov 2025   16:52

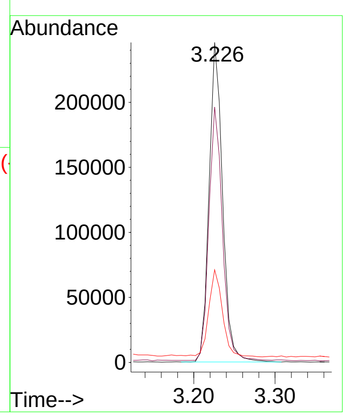
Tgt Ion:152 Resp:   29622
Ion   Ratio   Lower   Upper
152   100
150   158.9   125.7   188.5
115    57.5    46.4    69.6
```






```
#2
1,4-Dioxane
Concen:   37.628 ng
RT:    3.225 min   Scan# 49
Delta R.T.   -0.011 min
Lab File:    BP026093.D
Acq: 11 Nov 2025   16:52

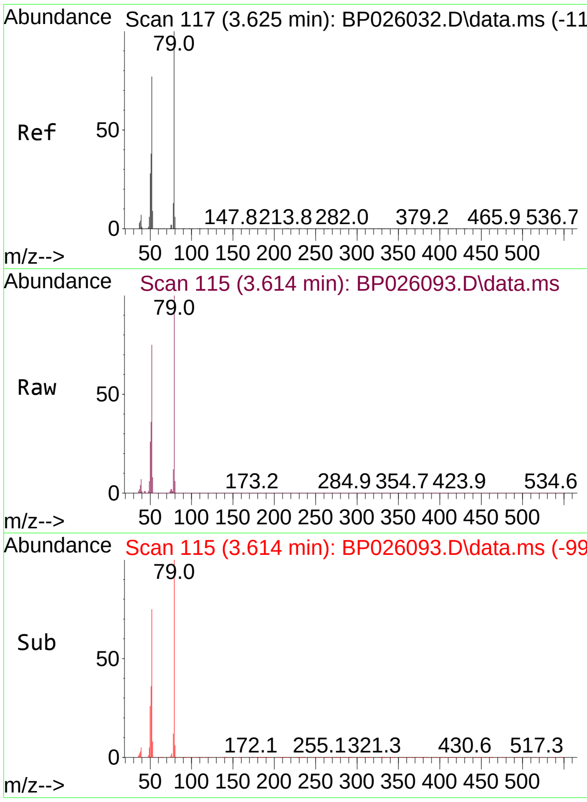
Tgt Ion: 88 Resp:   284762
Ion   Ratio   Lower   Upper
 88   100
 58    79.5    65.4    98.0
 43    27.8    23.1    34.7
```



Instrument :
BNA_P
ClientSampleId :
SED-3MS

Manual Integrations APPROVED

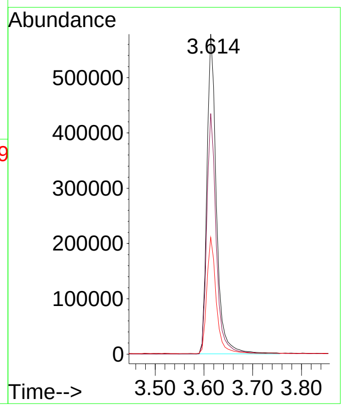
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

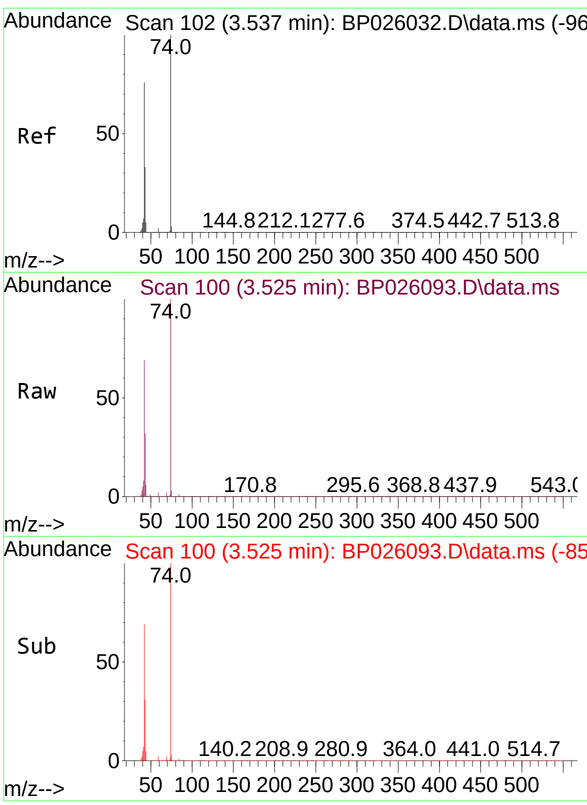


#3
Pyridine
Concen: 36.581 ng
RT: 3.614 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion: 79 Resp: 78698

Ion	Ratio	Lower	Upper
79	100		
52	75.2	62.0	93.0
51	36.5	30.6	46.0

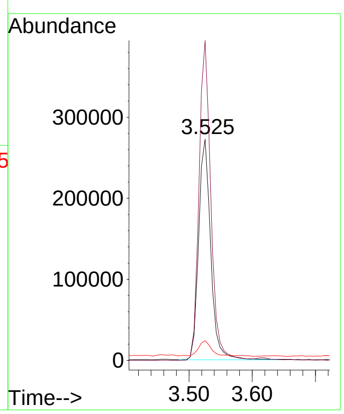




#4
n-Nitrosodimethylamine
Concen: 42.035 ng
RT: 3.525 min Scan# 100
Delta R.T. -0.011 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion: 42 Resp: 362450

Ion	Ratio	Lower	Upper
42	100		
74	144.6	105.7	158.5
44	8.9	6.6	9.8

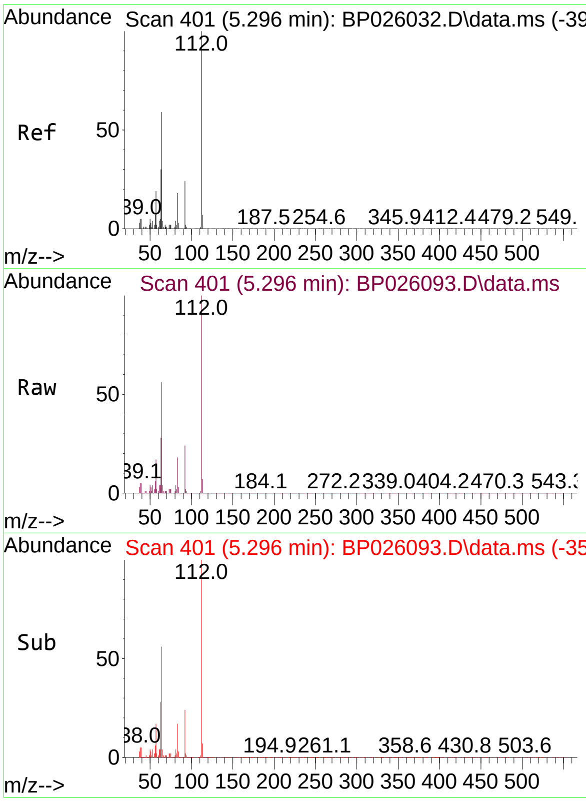


Sample Results: **BP026093.D**

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Manual Integrations APPROVED

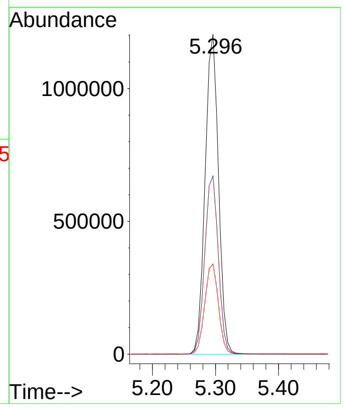
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

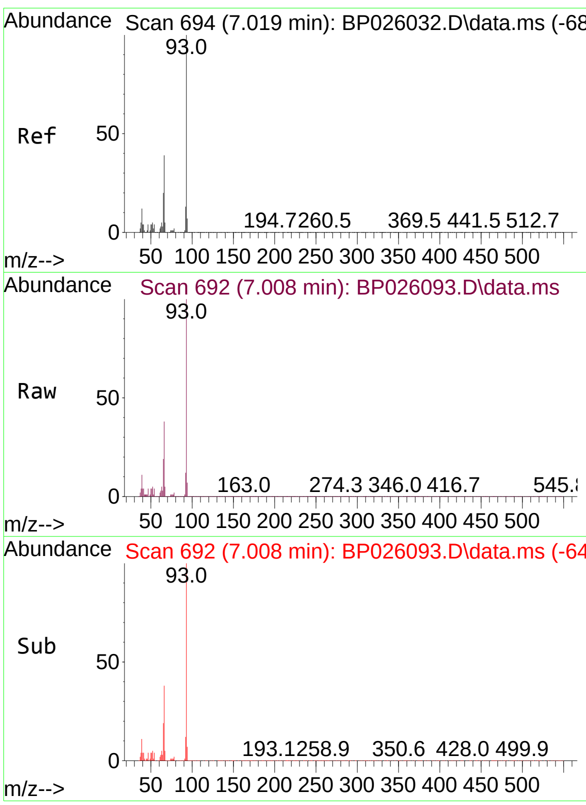


#5
2-Fluorophenol
Concen: 99.054 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:112 Resp: 1778196

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.4	71.2
63	28.2	24.2	36.4

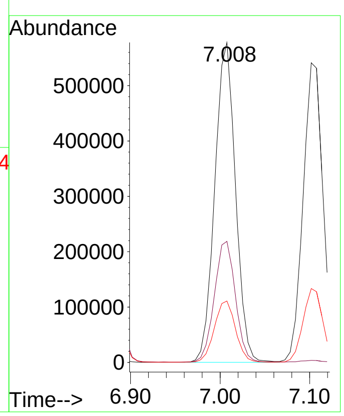




#6
Aniline
Concen: 30.643 ng
RT: 7.008 min Scan# 692
Delta R.T. -0.011 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion: 93 Resp: 934451

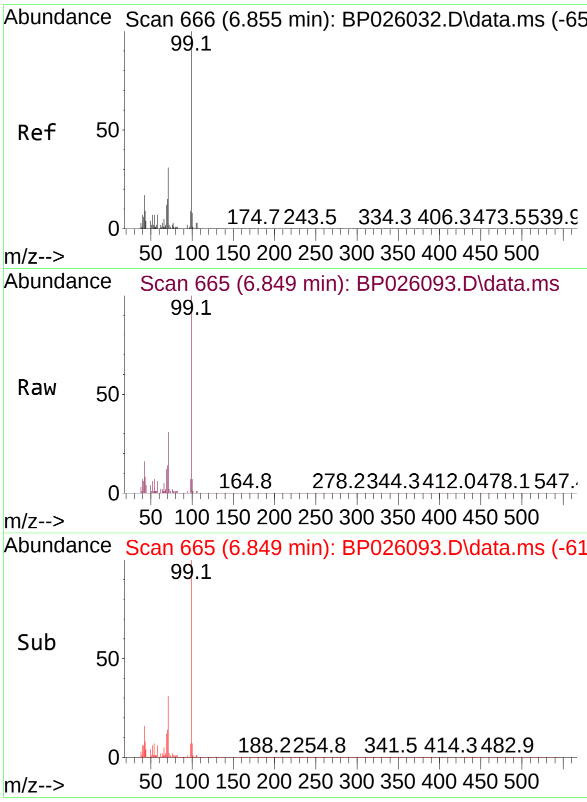
Ion	Ratio	Lower	Upper
93	100		
66	37.8	31.2	46.8
65	19.2	16.1	24.1



Instrument :
BNA_P
ClientSampleId :
SED-3MS

Manual Integrations APPROVED

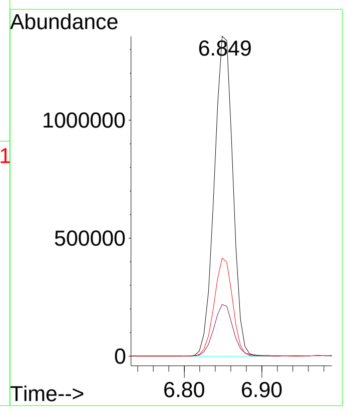
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

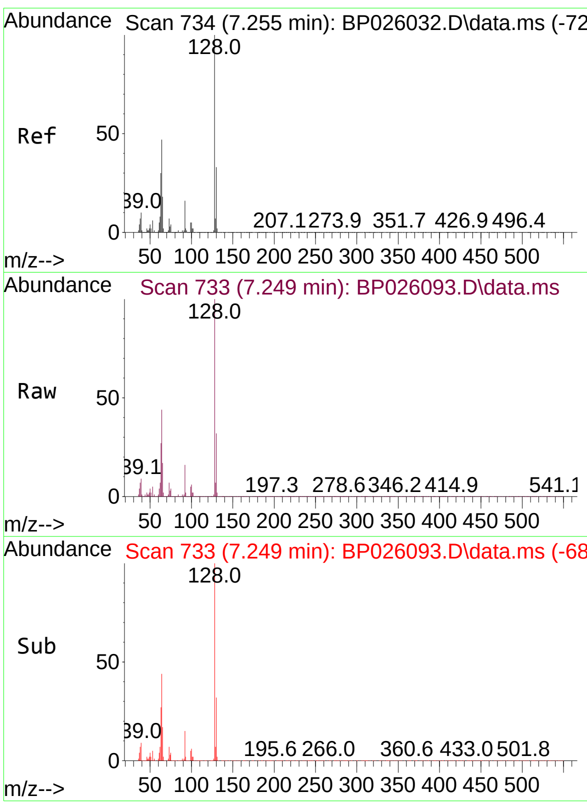


#7
Phenol-d6
Concen: 98.920 ng
RT: 6.849 min Scan# 66
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion: 99 Resp: 226024

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	30.6	24.4	36.6

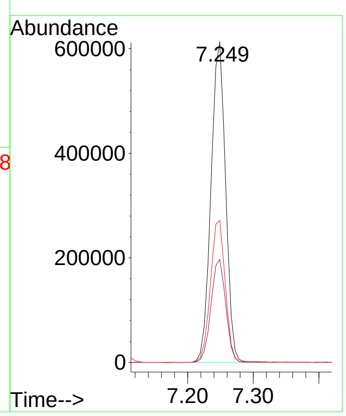




#8
2-Chlorophenol
Concen: 47.589 ng
RT: 7.249 min Scan# 733
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

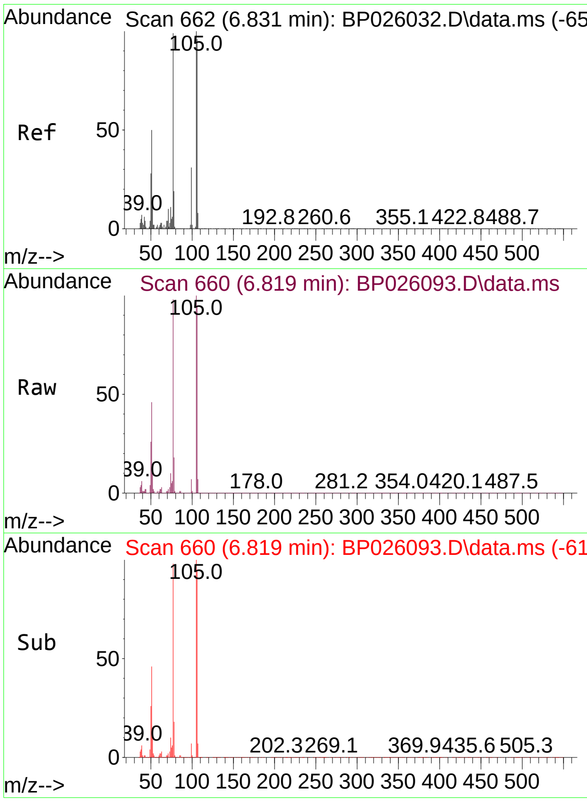
Tgt Ion:128 Resp: 946013

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.7	52.7
64	44.4	27.4	67.4



Instrument : BNA_P
ClientSampleId : SED-3MS

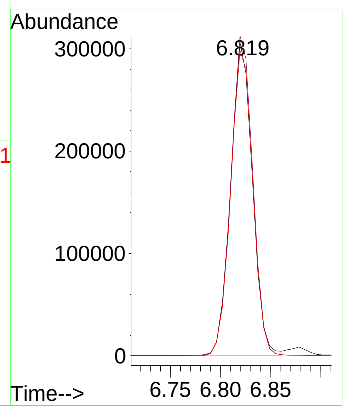
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

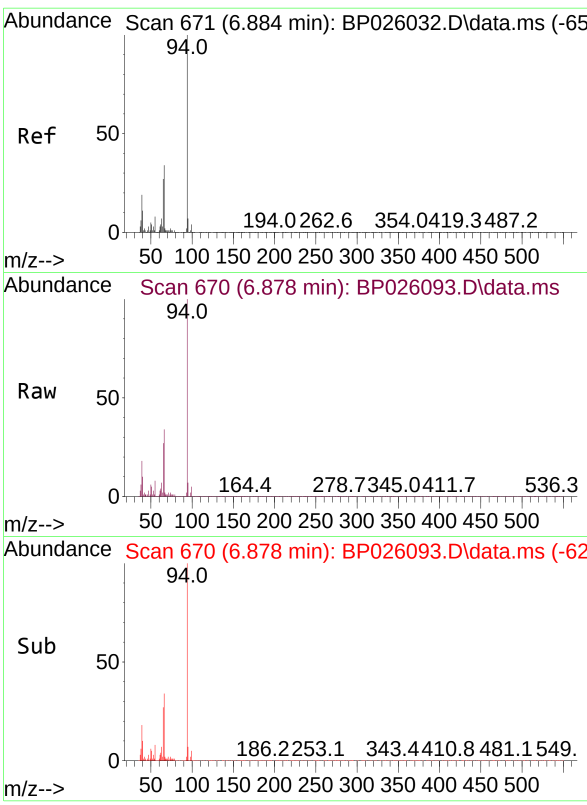


#9
Benzaldehyde
Concen: 39.047 ng
RT: 6.819 min Scan# 66
Delta R.T. -0.011 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion: 77 Resp: 463796

Ion	Ratio	Lower	Upper
77	100		
105	102.1	80.7	120.7
106	97.3	76.5	116.5

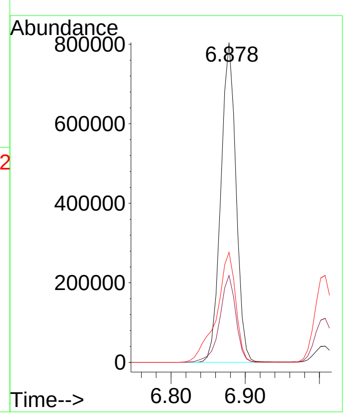




#10
Phenol
Concen: 45.257 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion: 94 Resp: 1148006

Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.1	47.1
66	34.4	14.4	54.4



Instrument :
BNA_P
ClientSampleId :
SED-3MS

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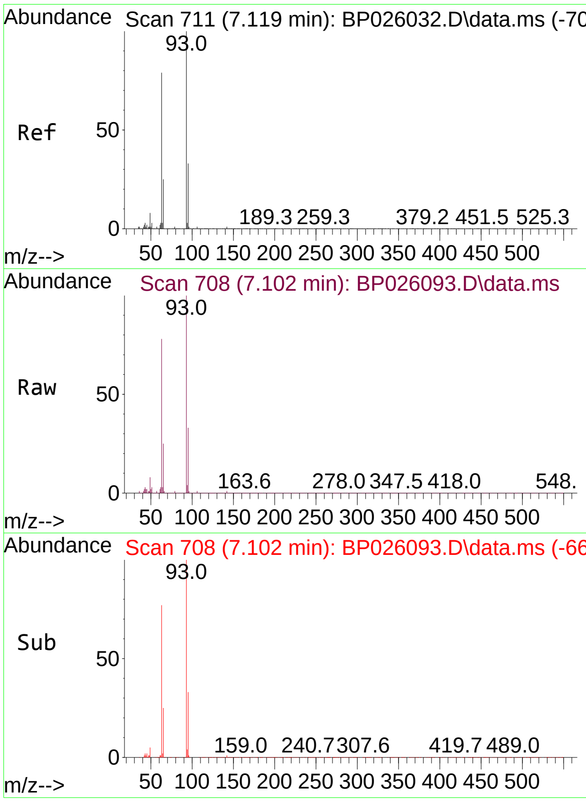
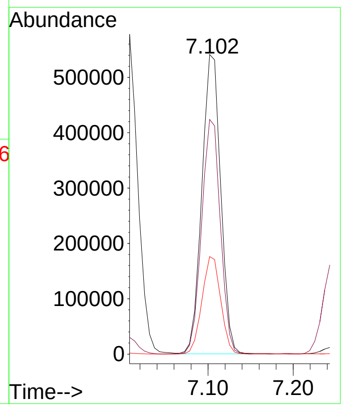
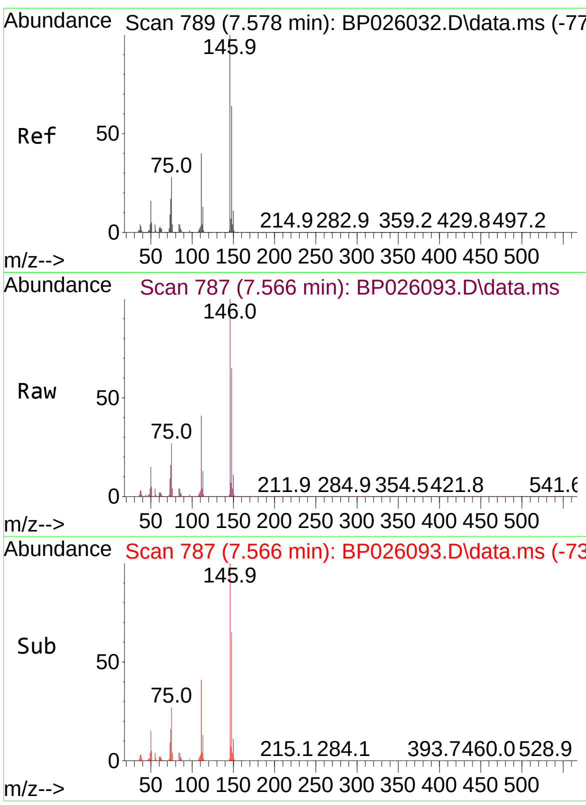


#11
bis(2-Chloroethyl)ether
Concen: 41.626 ng
RT: 7.102 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion: 93 Resp: 83329

Ion	Ratio	Lower	Upper
93	100		
63	78.4	59.1	99.1
95	32.6	12.6	52.6

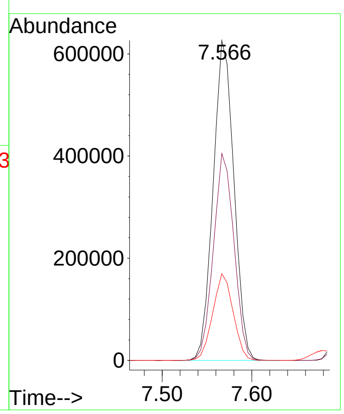




#12
1,3-Dichlorobenzene
Concen: 44.220 ng
RT: 7.566 min Scan# 787
Delta R.T. -0.011 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:146 Resp: 1009516

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
75	27.1	22.6	33.8



Instrument :
BNA_P
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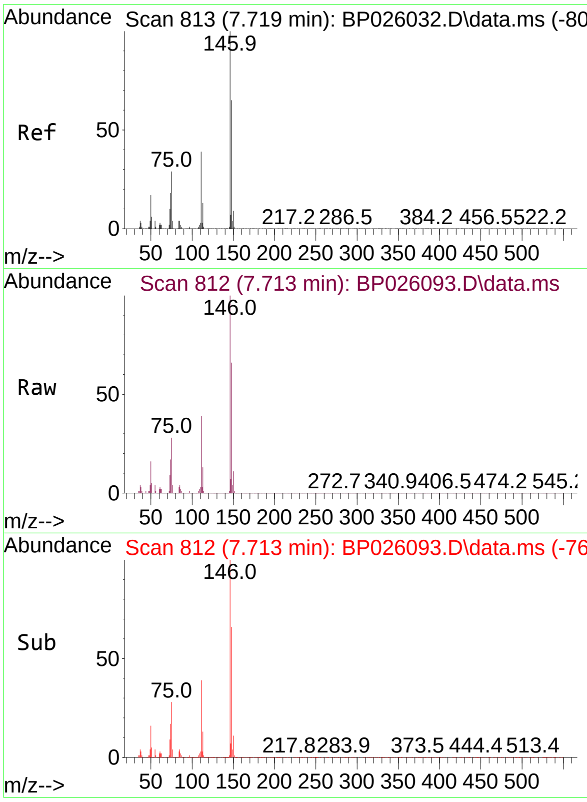
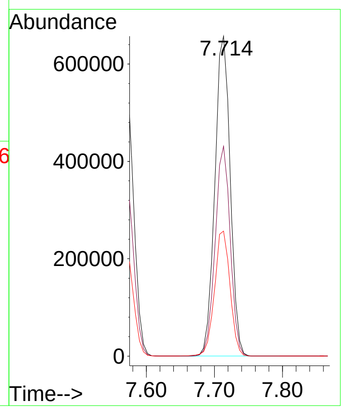
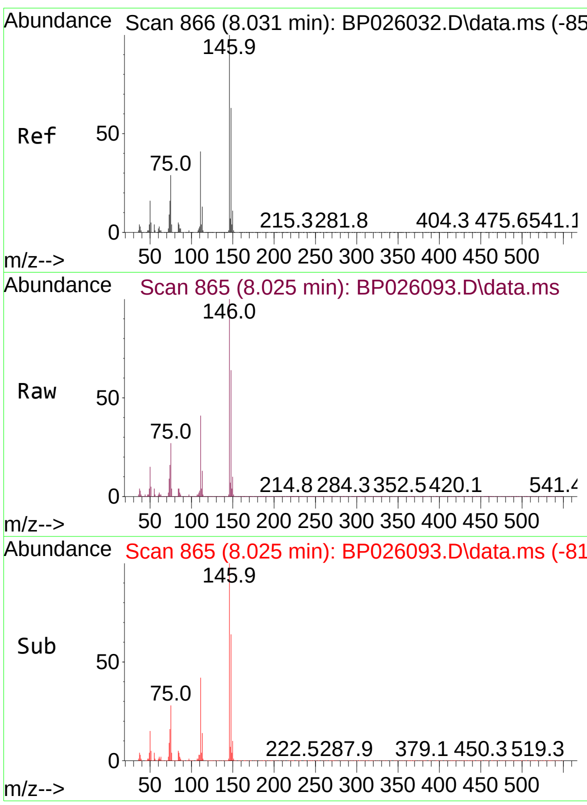


#13
1,4-Dichlorobenzene
Concen: 44.502 ng
RT: 7.713 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:146 Resp: 102718

Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.2	78.2
111	39.1	31.3	46.9

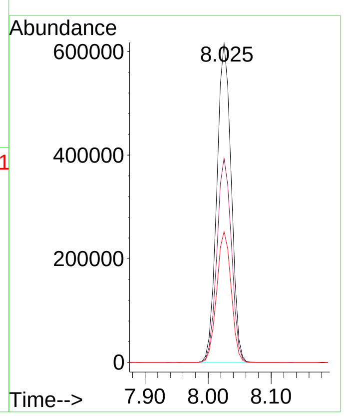




#14
1,2-Dichlorobenzene
Concen: 44.498 ng
RT: 8.025 min Scan# 865
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:146 Resp: 980092

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	40.9	33.0	49.4



Instrument :
BNA_P
ClientSampleId :
SED-3MS

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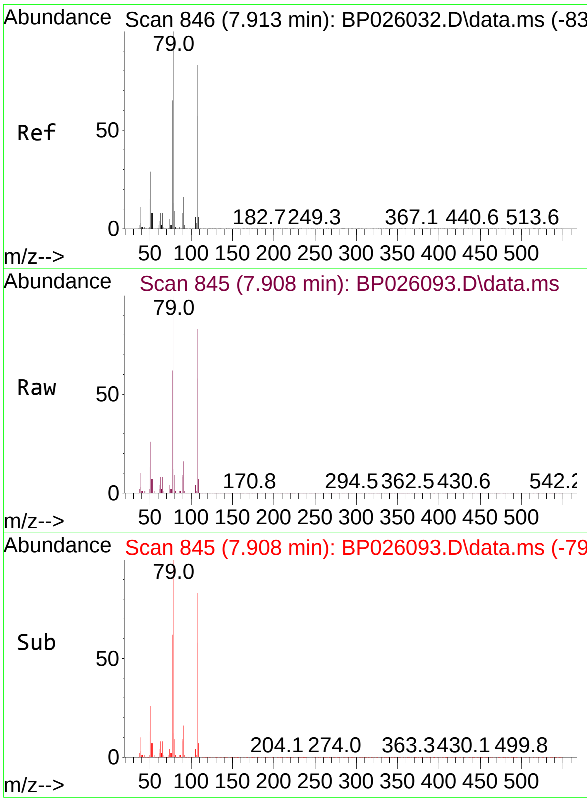
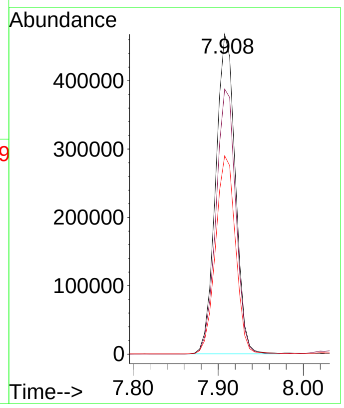
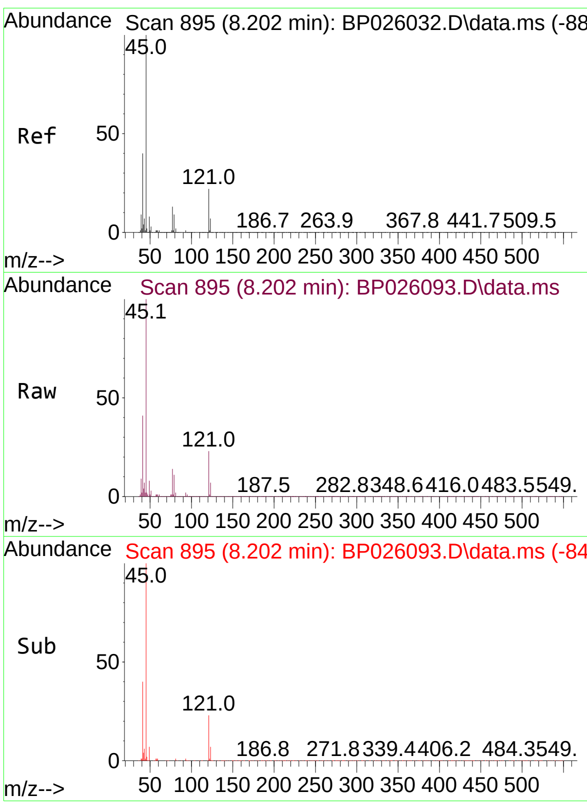


#15
Benzyl Alcohol
Concen: 45.441 ng
RT: 7.908 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion: 79 Resp: 74851

Ion	Ratio	Lower	Upper
79	100		
108	82.8	66.0	99.0
77	62.0	52.3	78.5

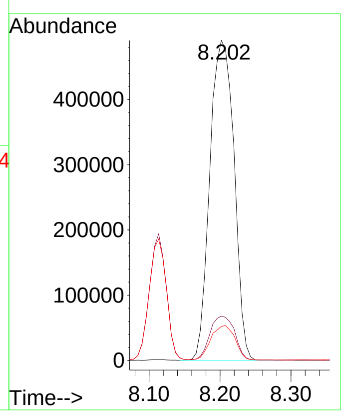




#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.523 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion: 45 Resp: 1165540

Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.2
79	10.6	0.0	29.5



Instrument :
BNA_P
ClientSampleId :
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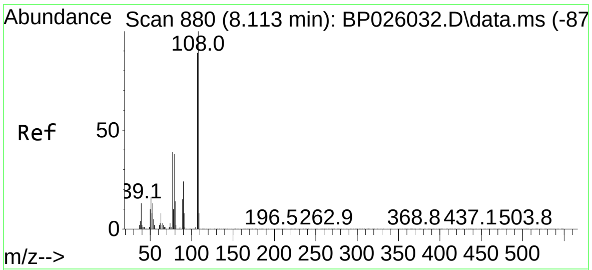
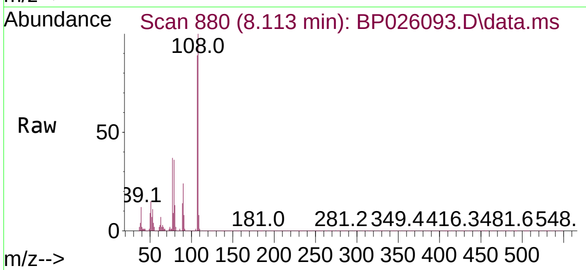
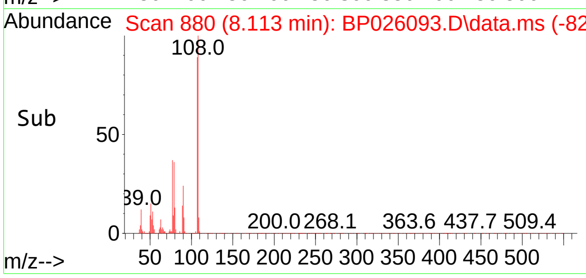


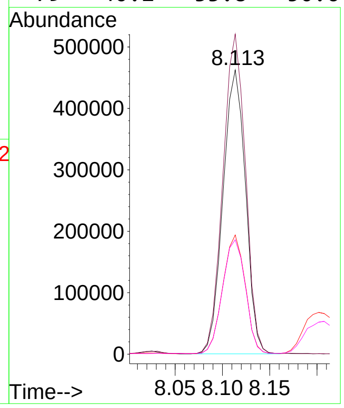


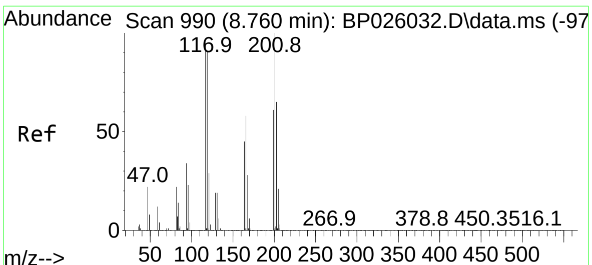


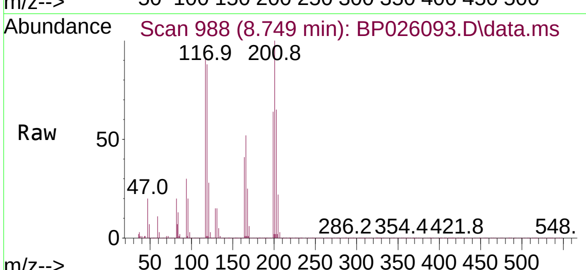
#17
2-Methylphenol
Concen: 46.161 ng
RT: 8.113 min Scan# 88
Delta R.T. 0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

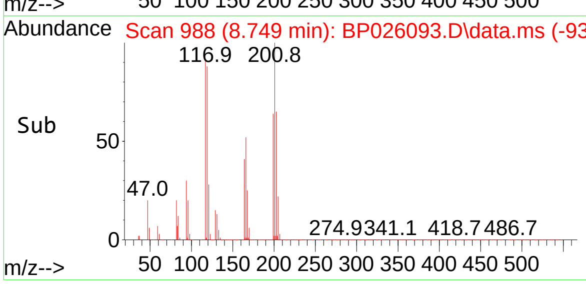
Tgt Ion:107 Resp: 76675

Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.8	134.8
77	41.9	34.8	52.2
79	40.2	33.8	50.6





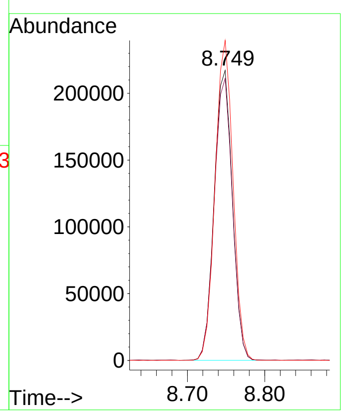




#18
Hexachloroethane
Concen: 45.057 ng
RT: 8.749 min Scan# 988
Delta R.T. -0.011 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:117 Resp: 355877

Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.5	114.7
201	110.3	84.2	126.4



Instrument :
BNA_P
ClientSampleId :
SED-3MS

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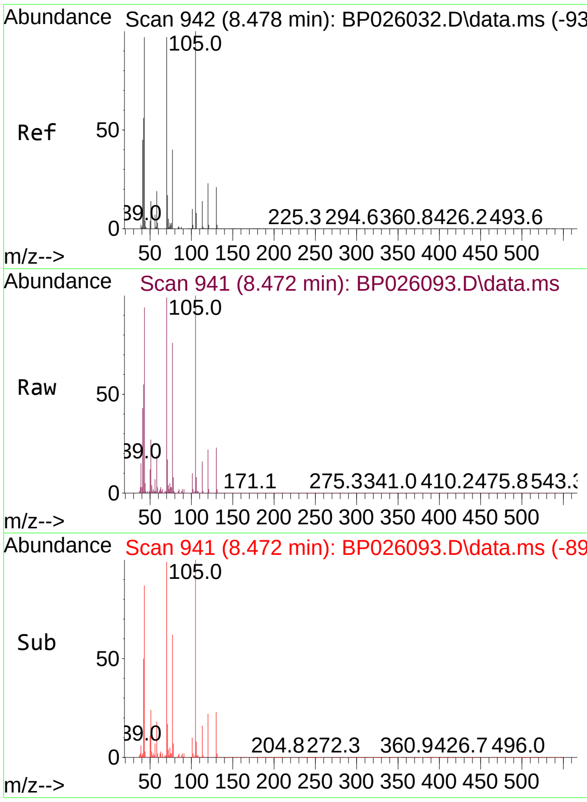
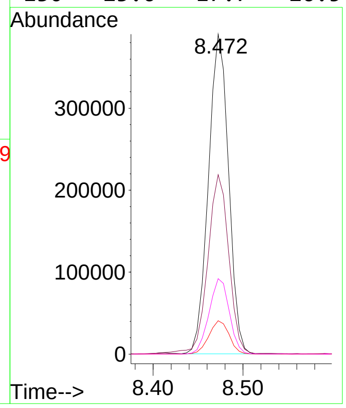
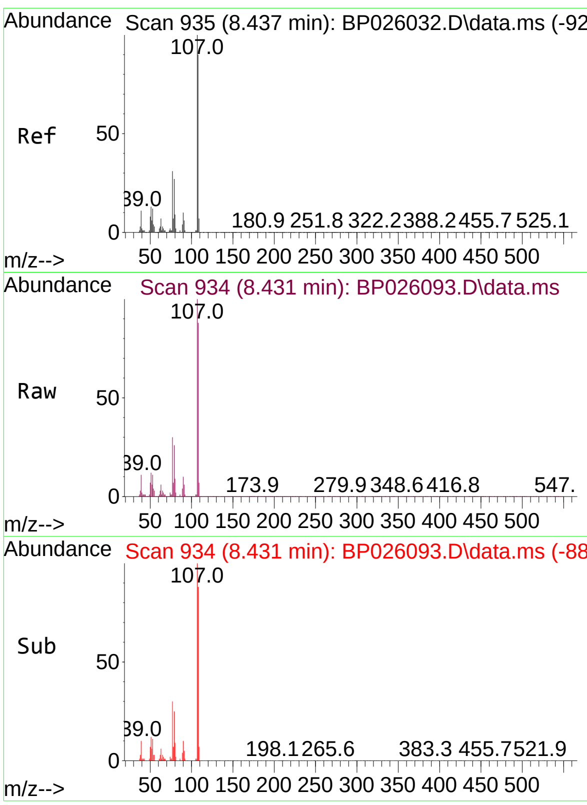


#19
n-Nitroso-di-n-propylamine
Concen: 43.005 ng
RT: 8.472 min Scan# 94
Delta R.T. -0.017 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion: 70 Resp: 609970

Ion	Ratio	Lower	Upper
70	100		
42	56.1	47.2	70.8
101	10.4	8.2	12.2
130	23.6	17.7	26.5

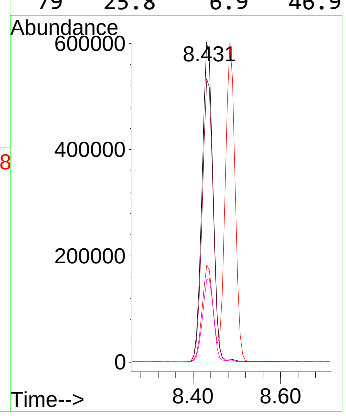




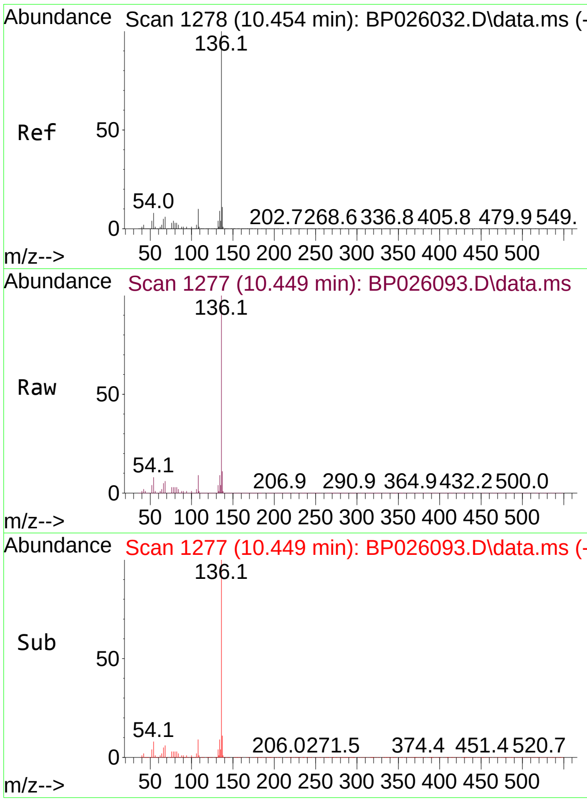
#20
3+4-Methylphenols
Concen: 45.095 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.011 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:107 Resp: 1042051

Ion	Ratio	Lower	Upper
107	100		
108	88.5	70.1	110.1
77	30.2	10.7	50.7
79	25.8	6.9	46.9



Sample Results: **BP026093.D**



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 12
Delta R.T. -0.005 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Tgt Ion:136 Resp: 116634

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.8	6.6	10.0
68	6.1	4.7	7.1

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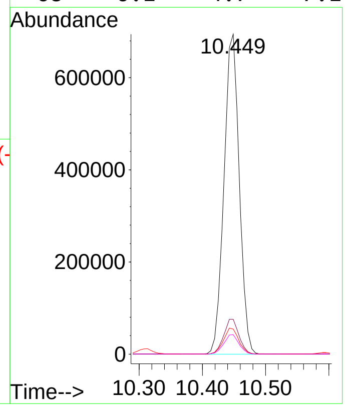
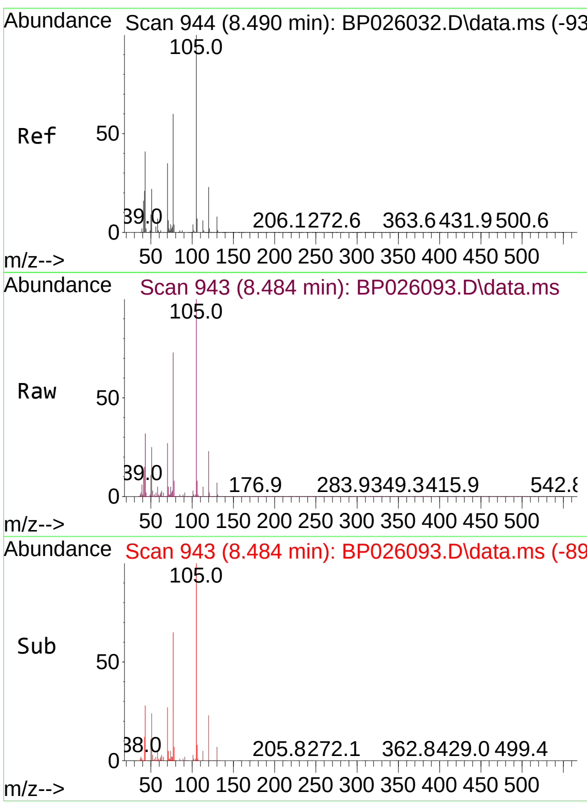
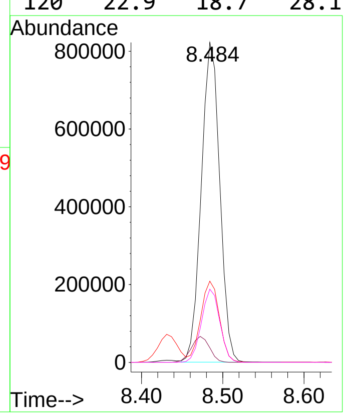


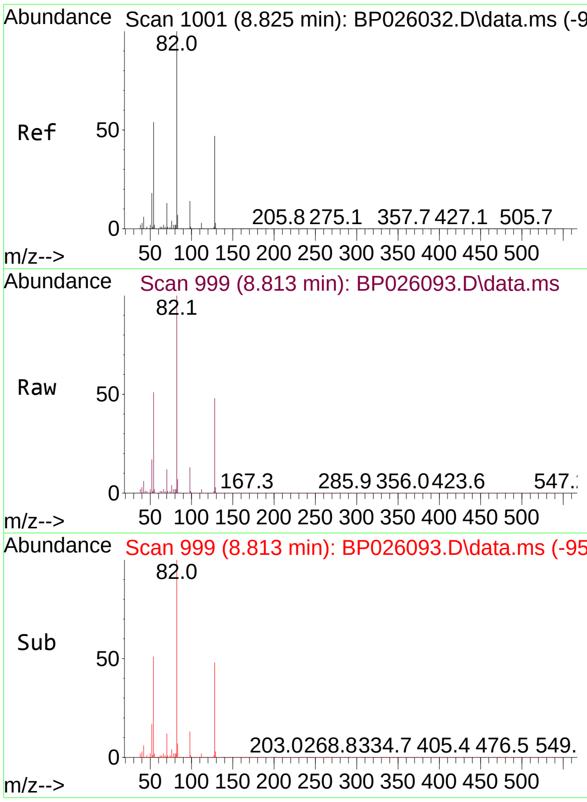


#22
Acetophenone
Concen: 44.085 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.011 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:105 Resp: 1300398

Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.7	7.1#
51	25.4	21.8	32.8
120	22.9	18.7	28.1





#23
Nitrobenzene-d5
Concen: 66.768 ng
RT: 8.813 min Scan# 9
Delta R.T. -0.011 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Tgt Ion: 82 Resp: 124919

Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.4	56.0
54	50.9	42.7	64.1

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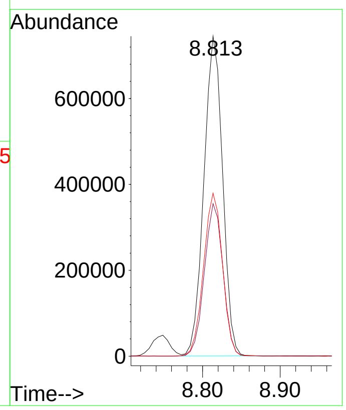
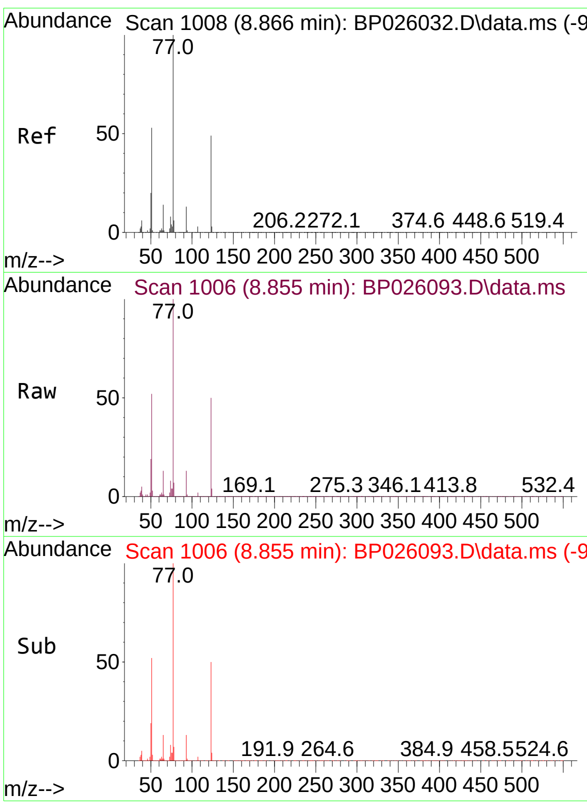
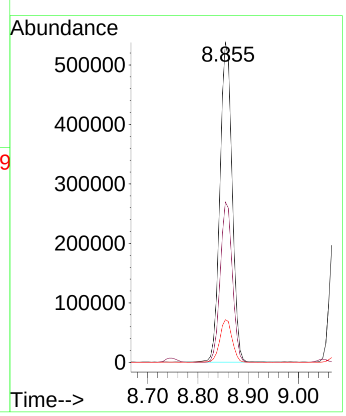




#24
Nitrobenzene
Concen: 45.910 ng
RT: 8.855 min Scan# 1006
Delta R.T. -0.011 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion: 77 Resp: 906907

Ion	Ratio	Lower	Upper
77	100		
123	50.1	39.0	58.4
65	13.3	10.9	16.3



Instrument :
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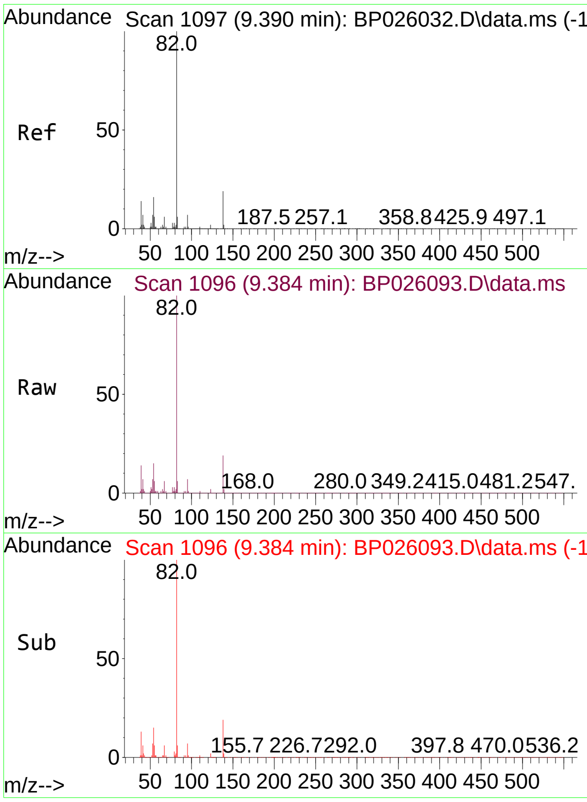
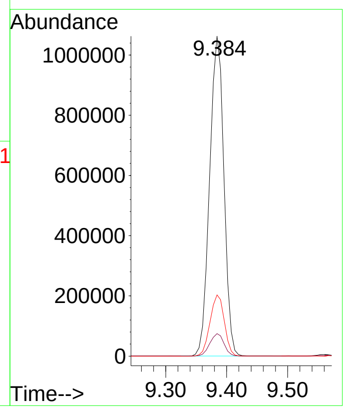
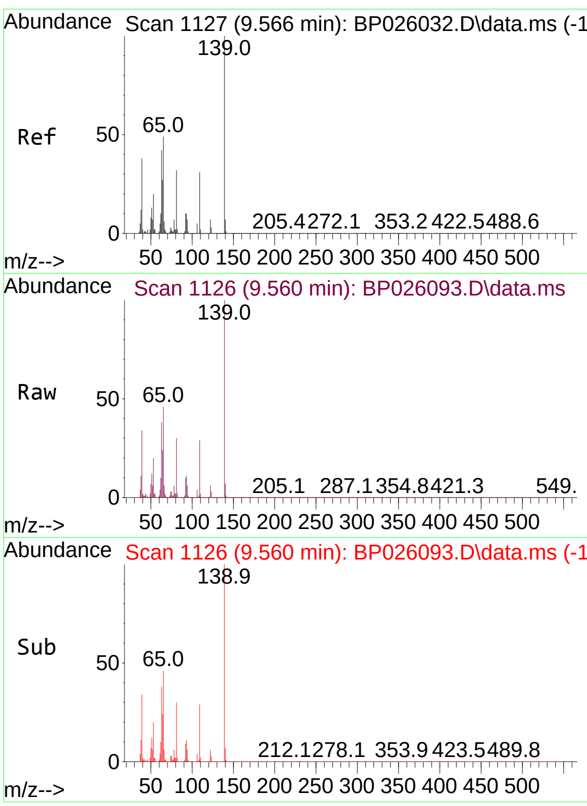



```
#25
Isophorone
Concen:    43.240 ng
RT:    9.384 min   Scan# 10
Delta R.T.   -0.006 min
Lab File:    BP026093.D
Acq: 11 Nov 2025   16:52

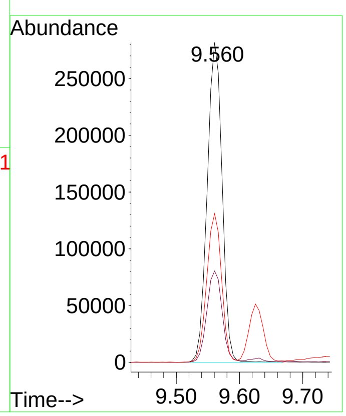
Tgt Ion: 82 Resp: 1731602
Ion  Ratio  Lower  Upper
 82  100
 95    7.0    5.8    8.6
138   19.1   15.0   22.6
```






```
#26
2-Nitrophenol
Concen:    62.382 ng
RT:    9.560 min   Scan# 1126
Delta R.T.   -0.006 min
Lab File:    BP026093.D
Acq: 11 Nov 2025   16:52

Tgt Ion:139 Resp:   459763
Ion  Ratio  Lower  Upper
139  100
109   28.6   24.8   37.2
 65   46.5   39.0   58.4
```



Instrument :
BNA_P
ClientSampleId :
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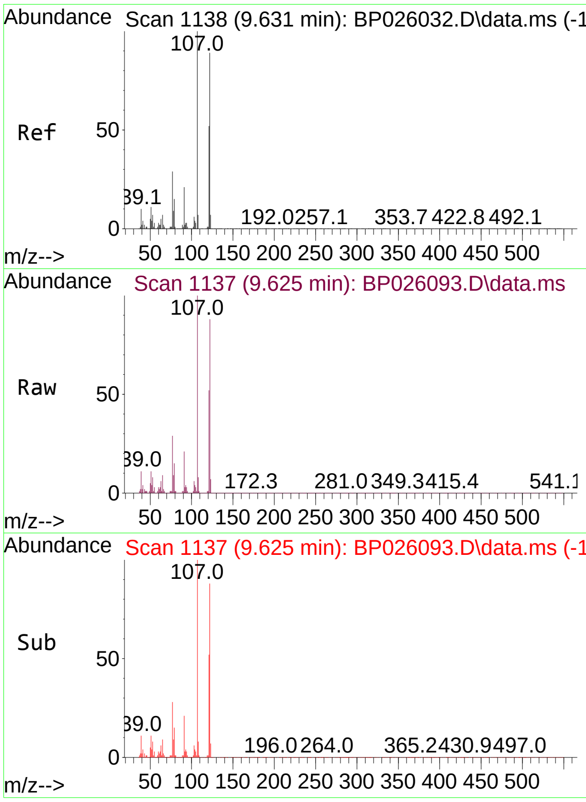
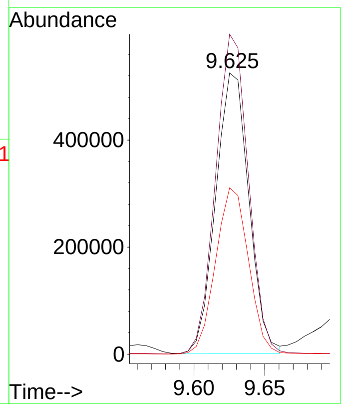
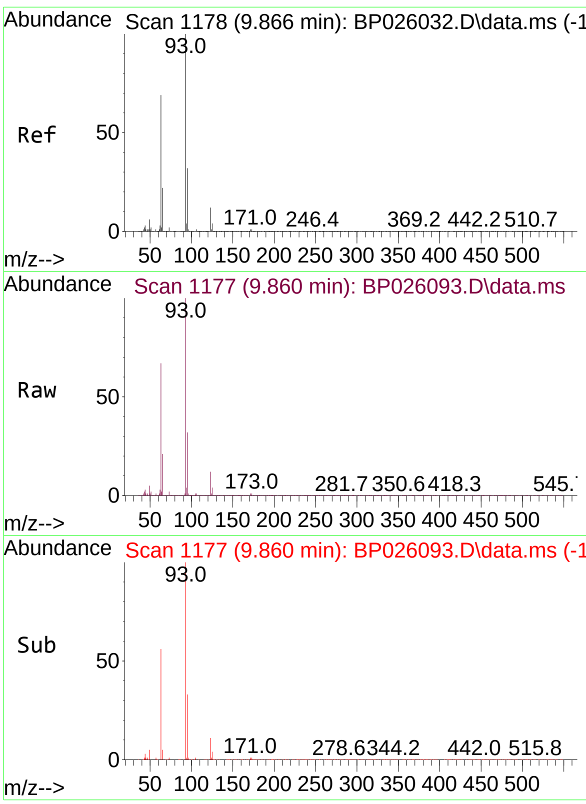


#27
2,4-Dimethylphenol
Concen: 50.736 ng
RT: 9.625 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:122 Resp: 85440

Ion	Ratio	Lower	Upper
122	100		
107	113.8	89.2	133.8
121	59.1	46.3	69.5

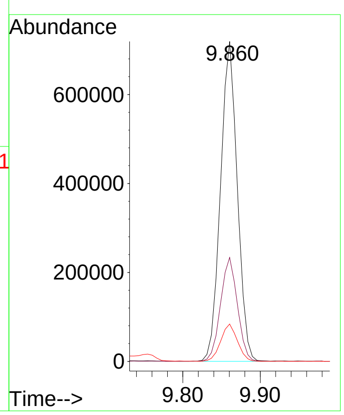


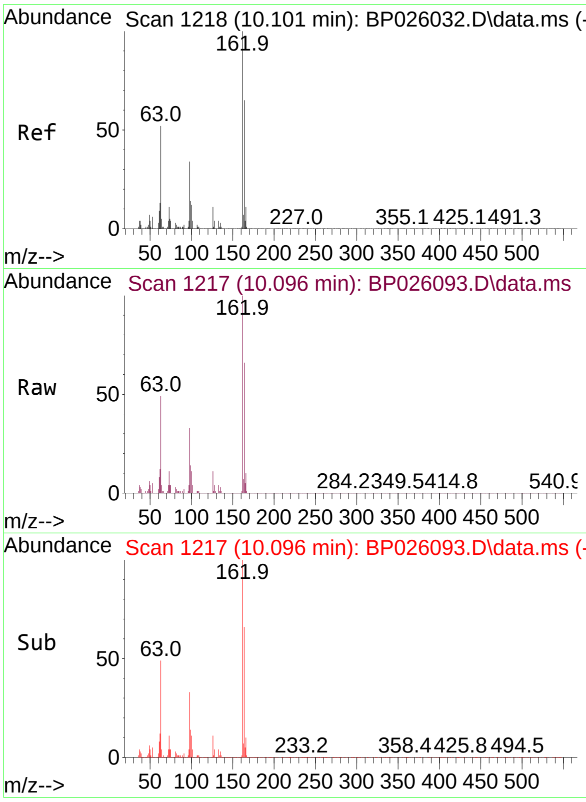


#28
bis(2-Chloroethoxy)methane
Concen: 43.051 ng
RT: 9.860 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion: 93 Resp: 1086520

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.6
123	11.7	9.3	13.9





#29
2,4-Dichlorophenol
Concen: 48.825 ng
RT: 10.096 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:162 Resp: 86815

Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.6	84.6
98	33.4	14.0	54.0

Instrument :
BNA_P
ClientSampleId :
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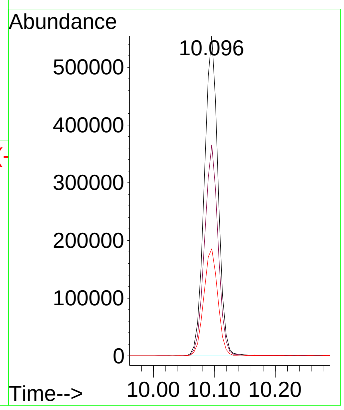
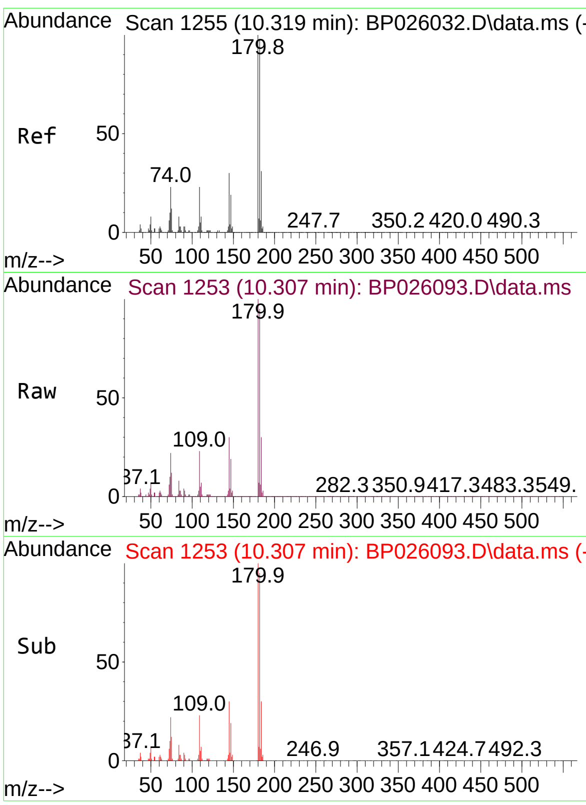
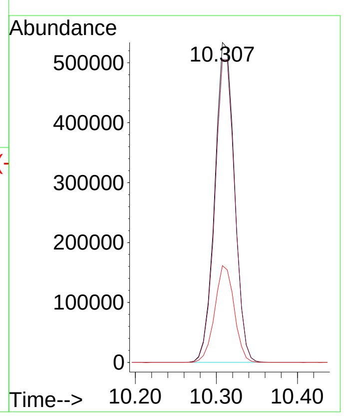


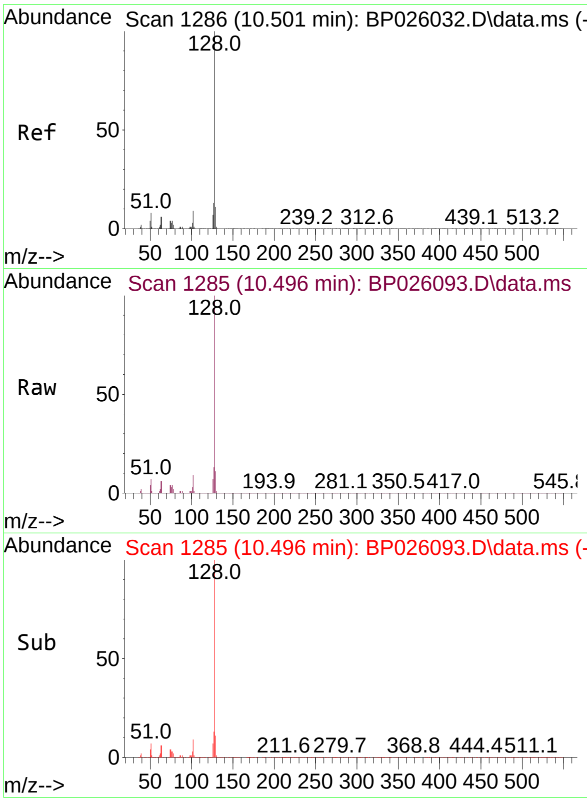


#30
1,2,4-Trichlorobenzene
Concen: 46.866 ng
RT: 10.307 min Scan# 1253
Delta R.T. -0.011 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:180 Resp: 905744

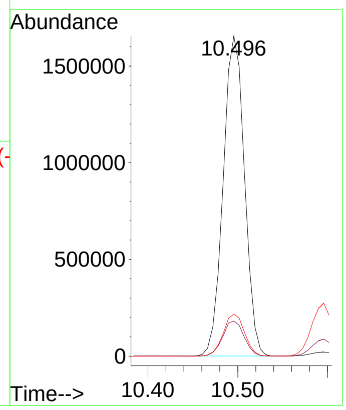
Ion	Ratio	Lower	Upper
180	100		
182	94.7	78.6	117.8
145	30.2	24.2	36.4





#31
Naphthalene
Concen: 43.132 ng
RT: 10.496 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:128 Resp: 2743326
Ion Ratio Lower Upper
128 100
129   11.0   8.7   13.1
127   13.1   10.5   15.7



Instrument :
BNA_P
ClientSampleId :
SED-3MS

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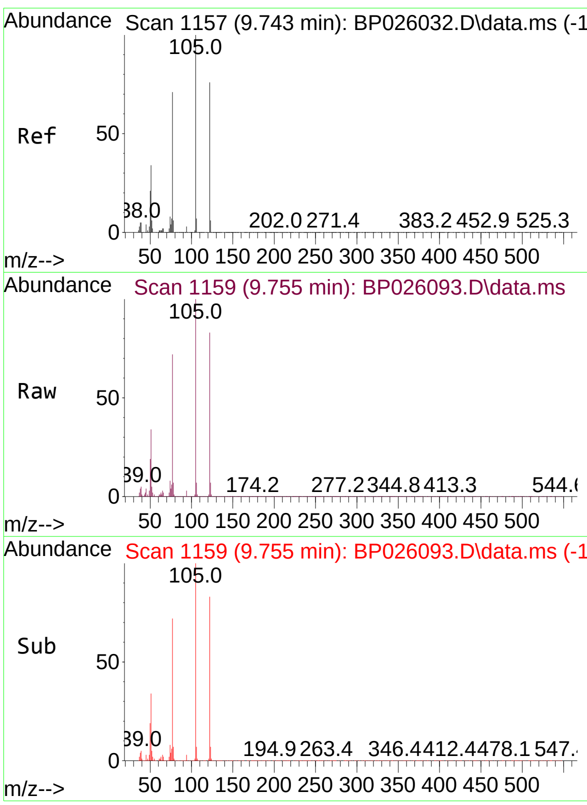
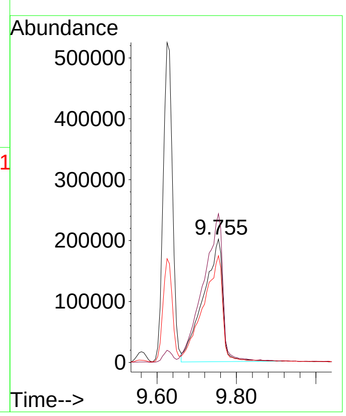


#32
Benzoic acid
Concen: 61.547 ng
RT: 9.755 min Scan# 1159
Delta R.T. -0.023 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:122 Resp: 691403
Ion Ratio Lower Upper
122 100
105 120.6 104.8 144.8
 77   86.5   70.9 110.9



Instrument :
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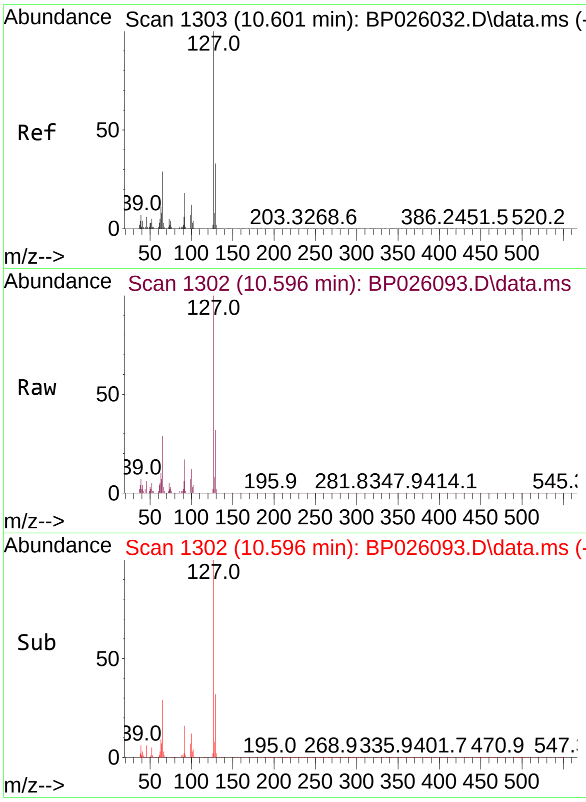
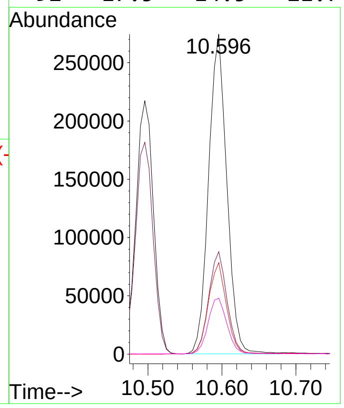
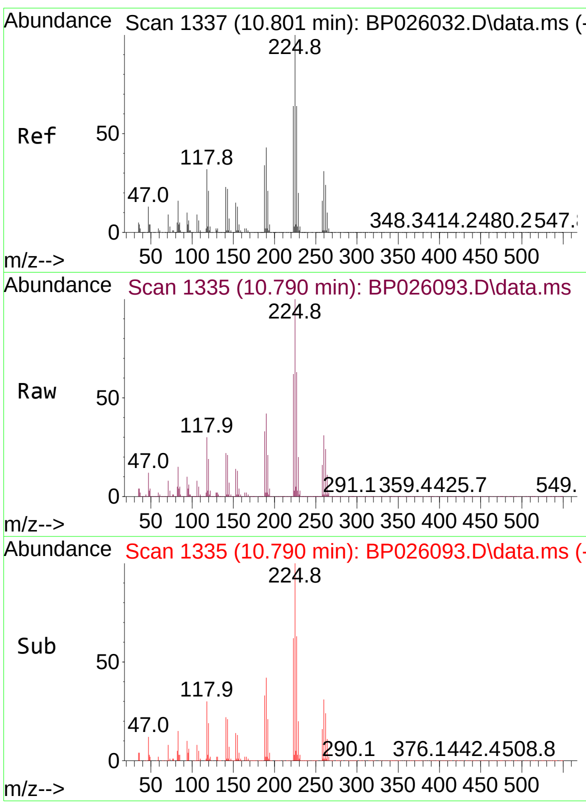


#33
4-Chloroaniline
Concen: 19.230 ng
RT: 10.596 min Scan# 13
Delta R.T. 0.001 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:127 Resp: 470005

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.0	39.0
65	28.6	23.2	34.8
92	17.5	14.5	21.7

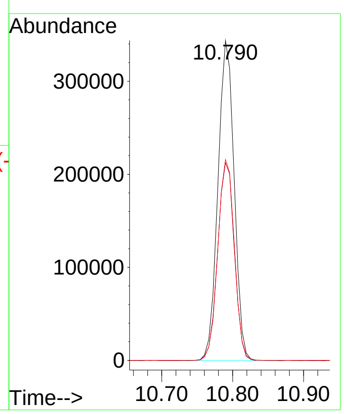


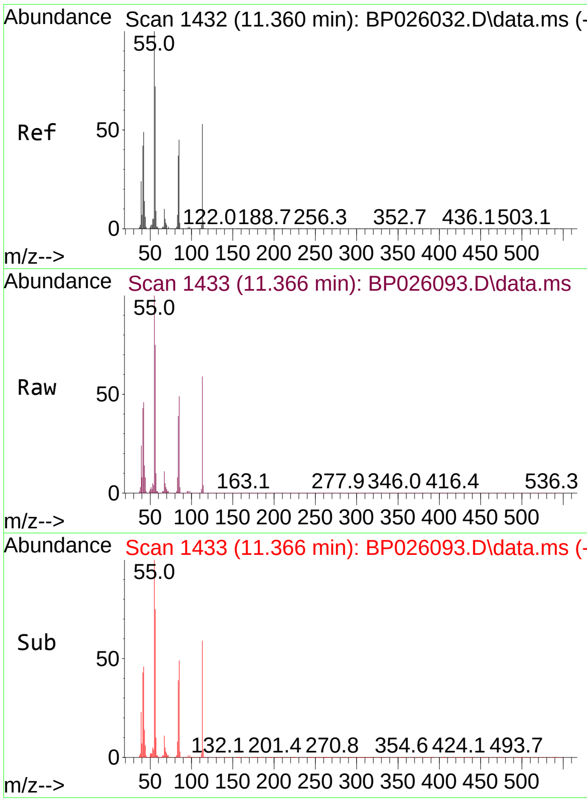


#34
Hexachlorobutadiene
Concen: 44.654 ng
RT: 10.790 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:225 Resp: 548423

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.9	76.3
227	62.8	51.0	76.4





#35
Caprolactam
Concen: 49.424 ng
RT: 11.366 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Tgt Ion:113 Resp: 308604

Ion	Ratio	Lower	Upper
113	100		
55	169.5	169.9	209.9#
56	126.3	116.7	156.7

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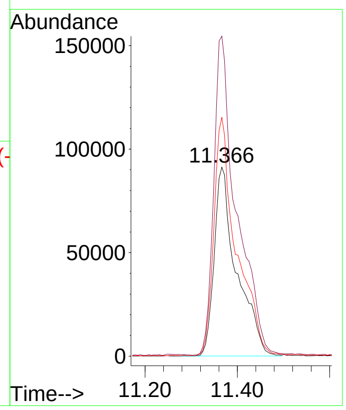
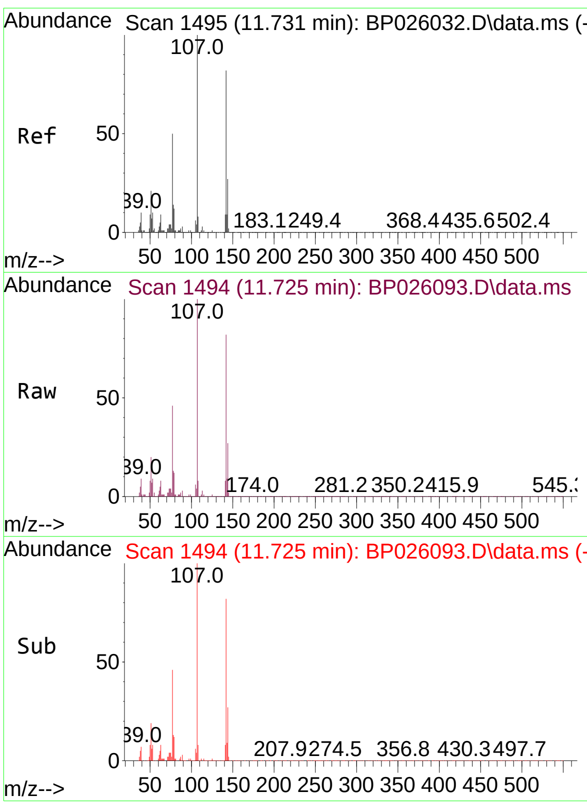
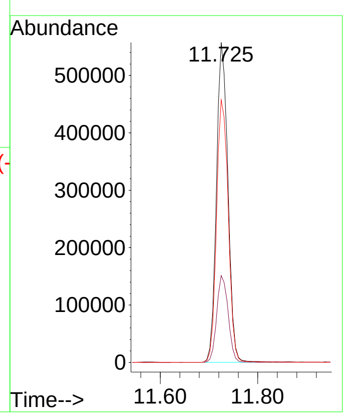


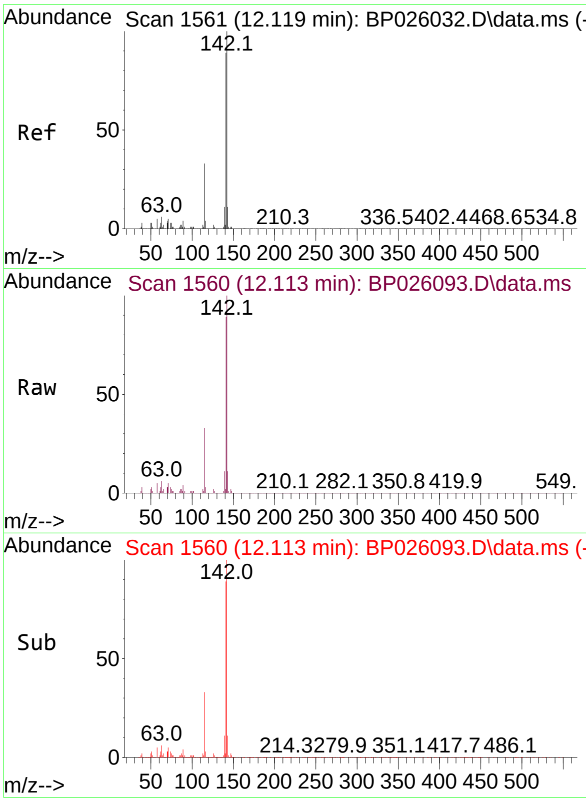


#36
4-Chloro-3-methylphenol
Concen: 48.947 ng
RT: 11.725 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:107 Resp: 912347

Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.3	31.9
142	82.0	65.2	97.8





#37
2-Methylnaphthalene
Concen: 39.764 ng
RT: 12.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Instrument :
BNA_P
ClientSampleId :
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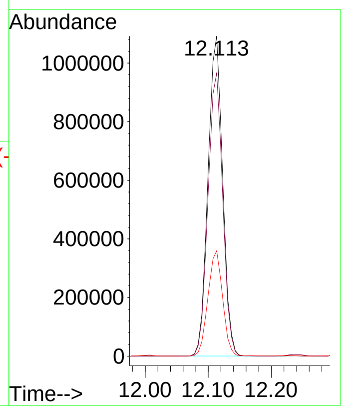
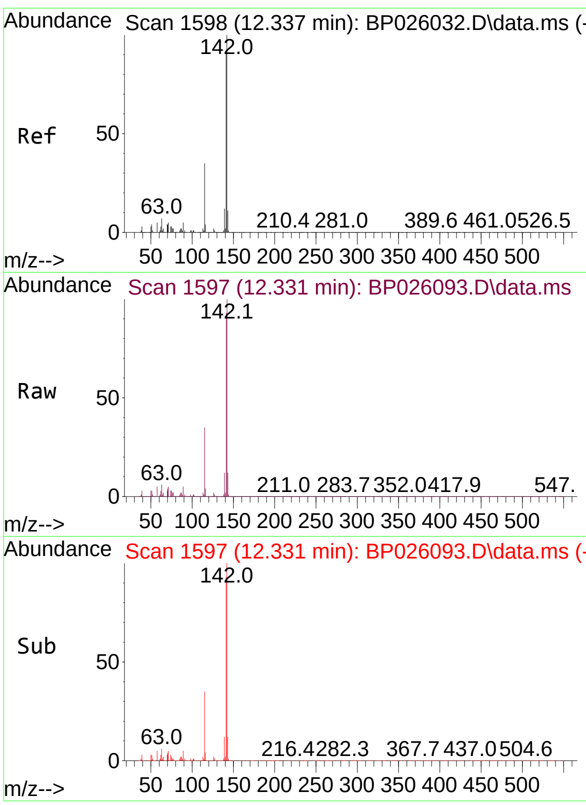
Tgt Ion:142 Resp: 177011

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.6	107.4
115	32.9	26.6	39.8

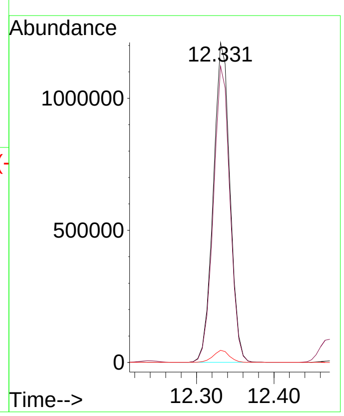




#38
1-Methylnaphthalene
Concen: 42.008 ng
RT: 12.331 min Scan# 1597
Delta R.T. -0.005 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:142 Resp: 1816726

Ion	Ratio	Lower	Upper
142	100		
141	92.6	72.7	109.1
116	3.8	2.9	4.3



Instrument :
BNA_P
ClientSampleId :
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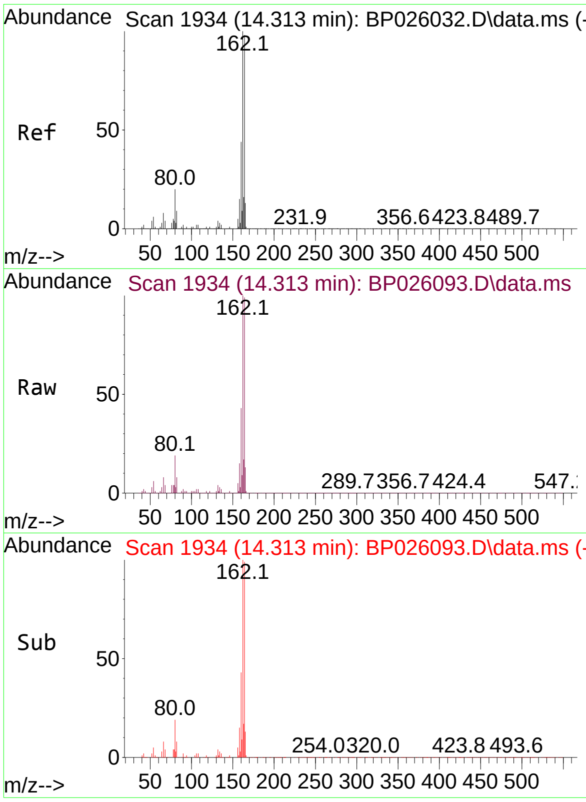
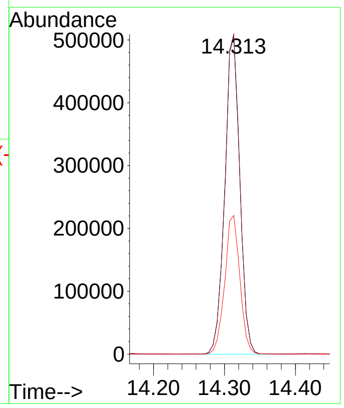
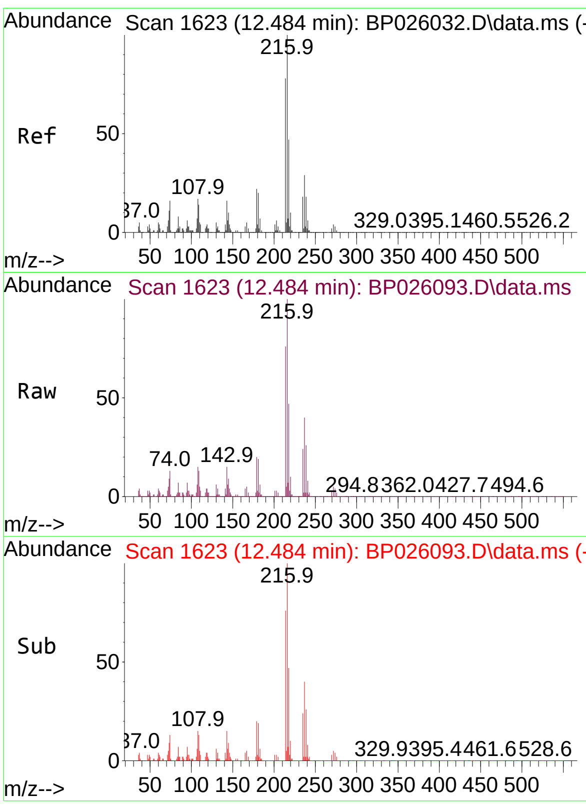


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:164 Resp: 745428

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.5	122.3
160	43.7	36.2	54.4

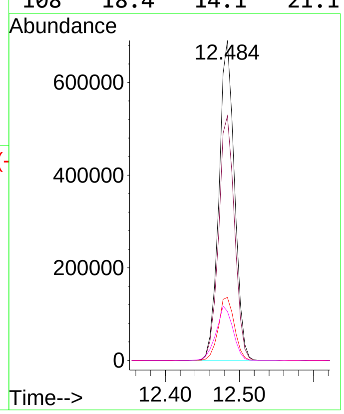


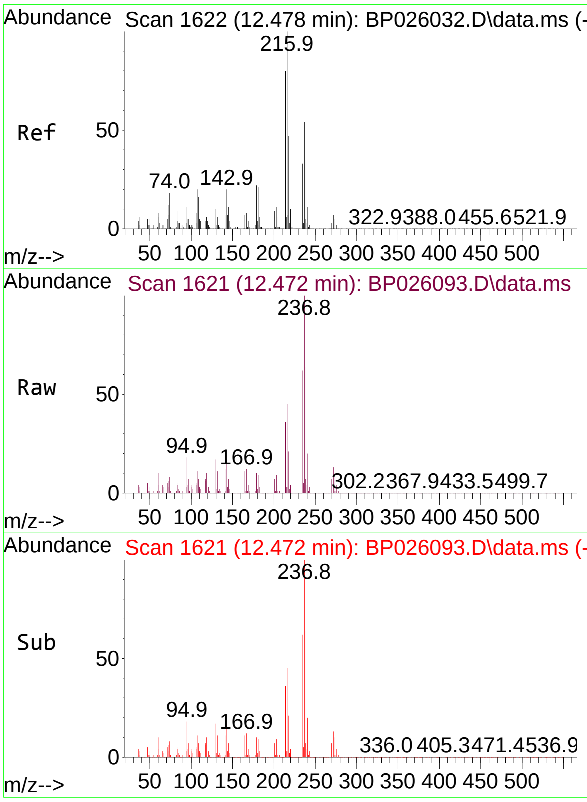


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.548 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:216 Resp: 1008627

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.9	94.3
179	20.3	16.9	25.3
108	18.4	14.1	21.1

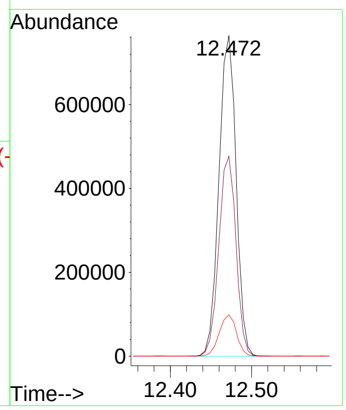




#41
Hexachlorocyclopentadiene
Concen: 132.265 ng
RT: 12.472 min Scan# 16
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:237 Resp: 112084

Ion	Ratio	Lower	Upper
237	100		
235	62.4	40.4	80.4
272	12.9	0.0	32.2



Instrument :
BNA_P
ClientSampleId :
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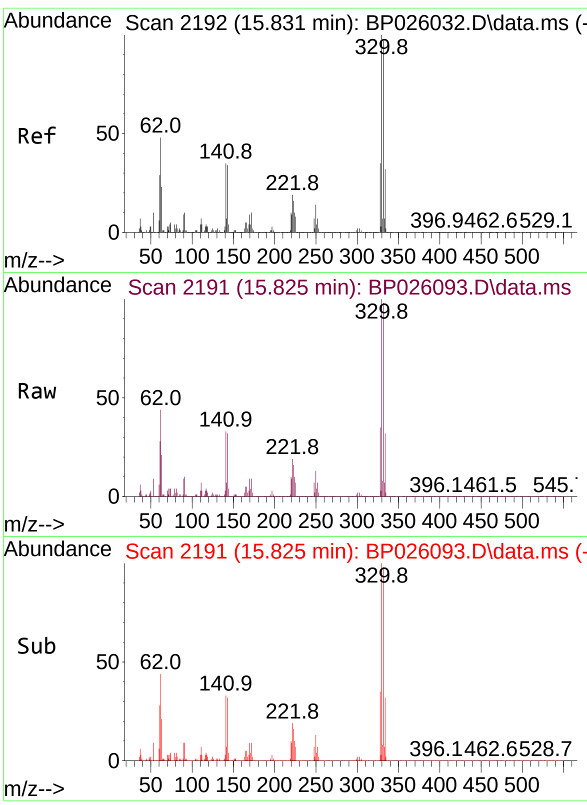
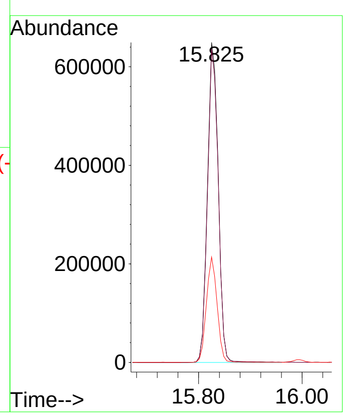


#42
2,4,6-Tribromophenol
Concen: 116.547 ng
RT: 15.825 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:330 Resp: 939233

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	32.5	28.6	42.8



Instrument :
BNA_P
ClientSampleId :
SED-3MS

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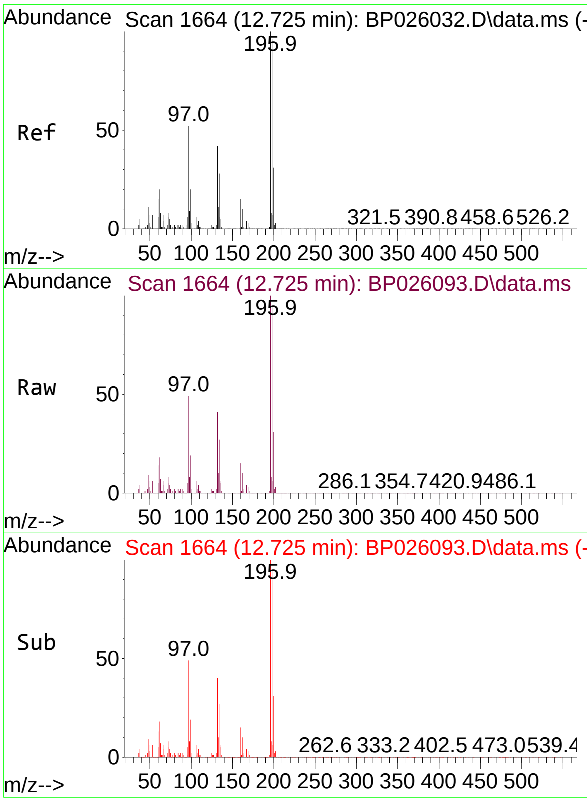
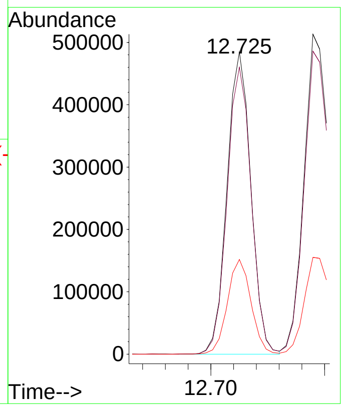
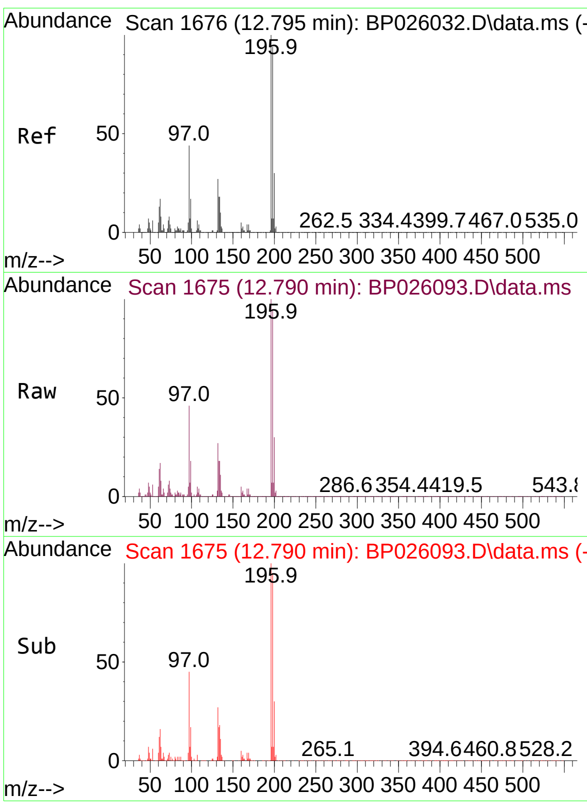


#43
2,4,6-Trichlorophenol
Concen: 51.722 ng
RT: 12.725 min Scan# 16
Delta R.T. 0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:196 Resp: 70808

Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.5	114.7
200	31.3	24.4	36.6

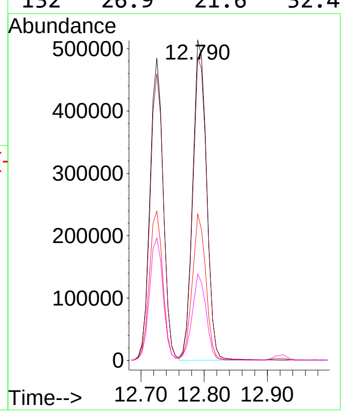




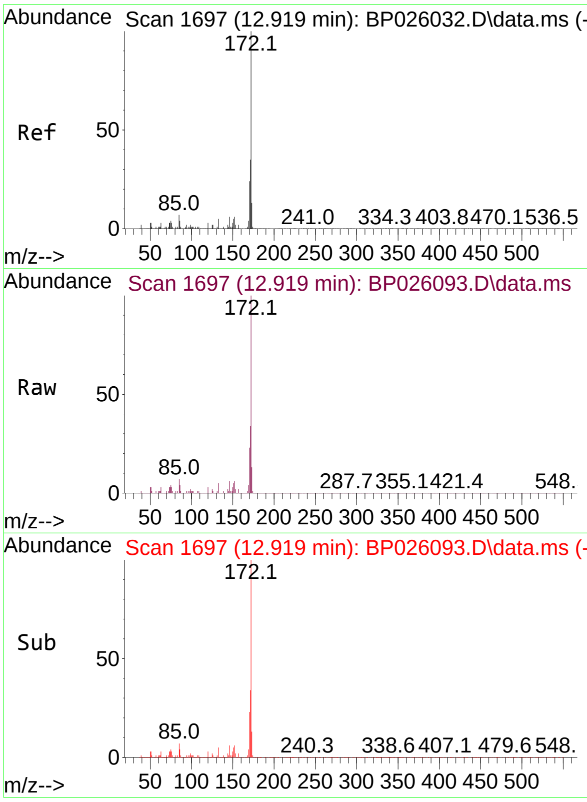
#44
2,4,5-Trichlorophenol
Concen: 50.507 ng
RT: 12.790 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:196 Resp: 788989

Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.1	112.7
97	45.7	35.5	53.3
132	26.9	21.6	32.4



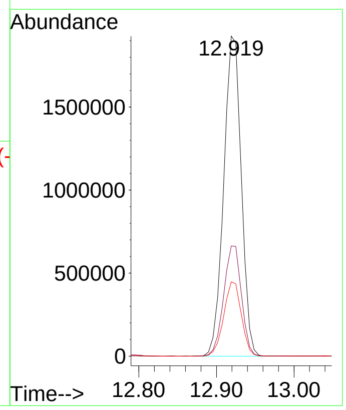
Sample Results: **BP026093.D**



#45
2-Fluorobiphenyl
Concen: 58.748 ng
RT: 12.919 min Scan# 16
Delta R.T. -0.012 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:172 Resp: 304766

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.9	41.9
170	23.2	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
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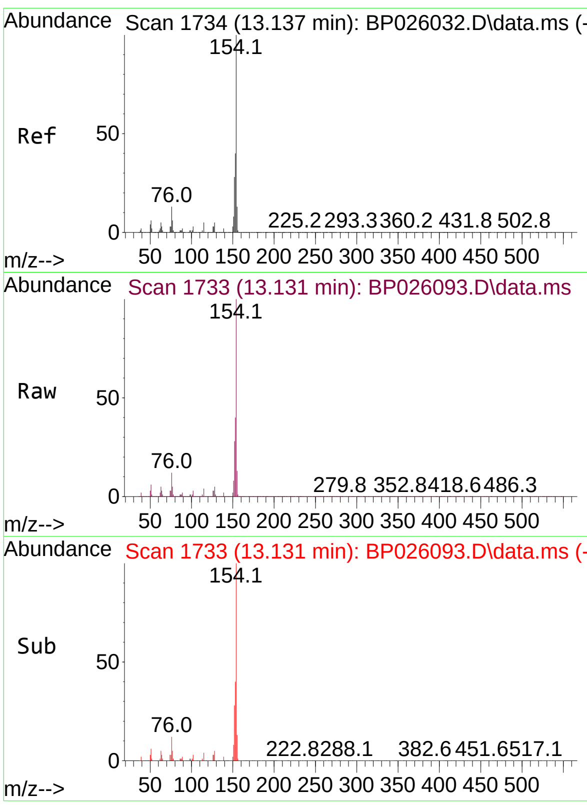
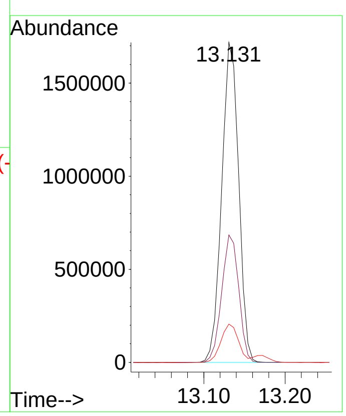


#46
1,1'-Biphenyl
Concen: 43.543 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:154 Resp: 2485365

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.2	60.2
76	12.0	0.0	32.8



Instrument :
BNA_P
ClientSampleId :
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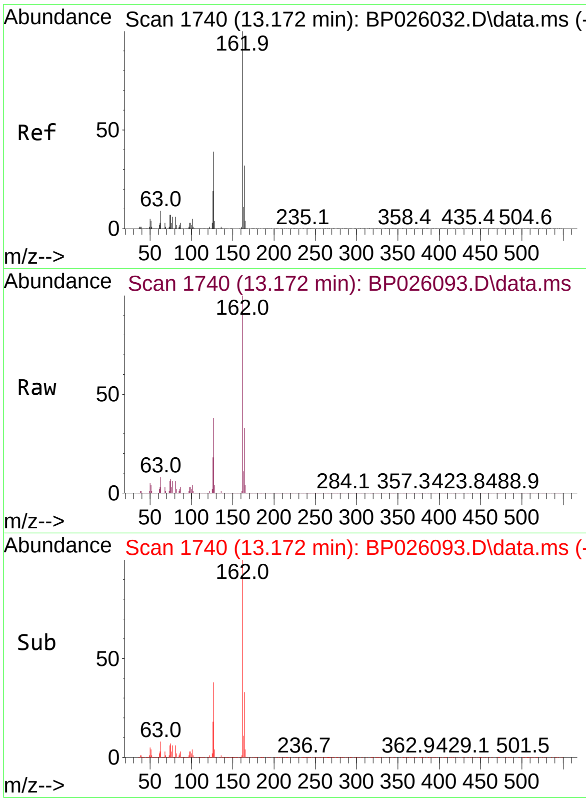
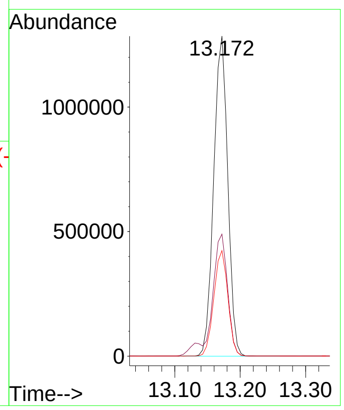
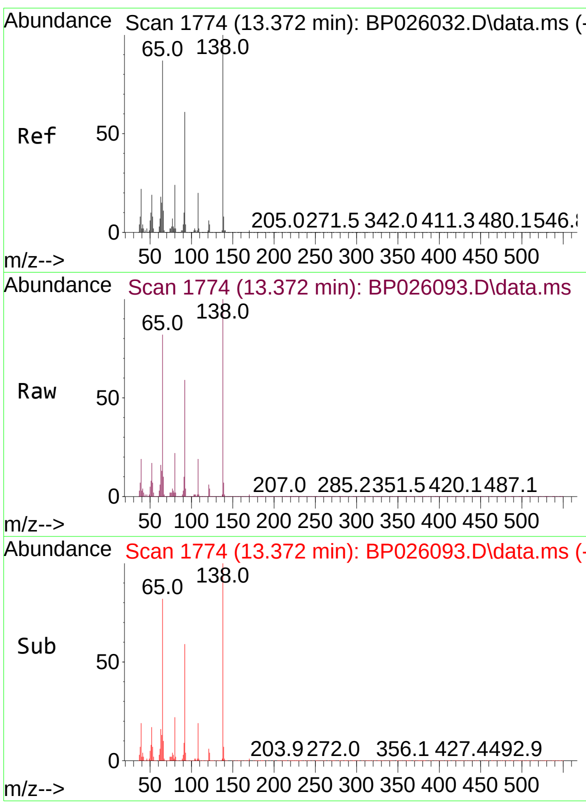


#47
2-Chloronaphthalene
Concen: 42.757 ng
RT: 13.172 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:162 Resp: 192013(

Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.4	47.2
164	33.0	25.9	38.9

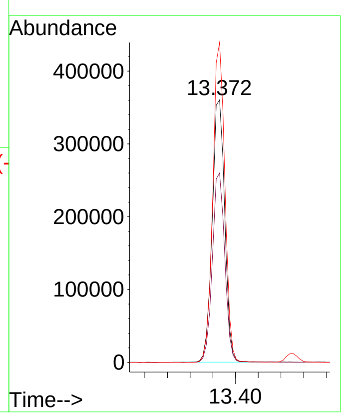


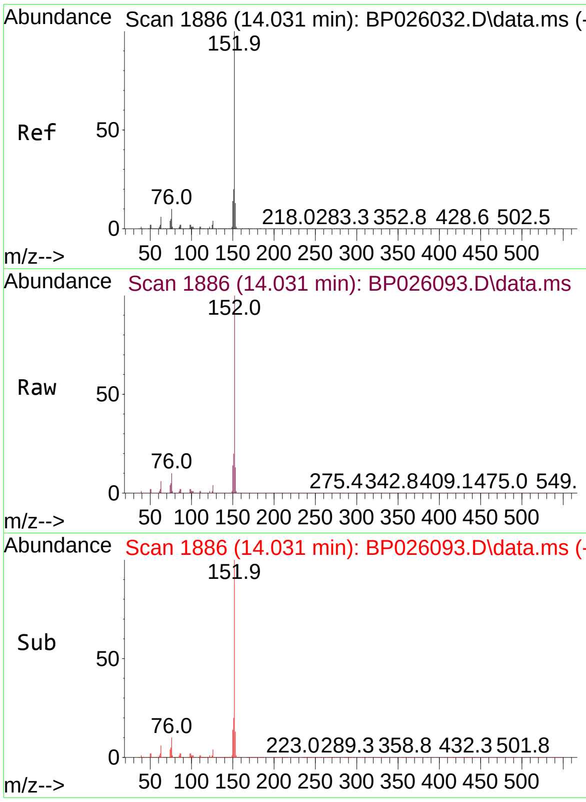


#48
2-Nitroaniline
Concen: 48.138 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion: 65 Resp: 556442

Ion	Ratio	Lower	Upper
65	100		
92	72.2	55.5	83.3
138	121.9	91.7	137.5





#49
Acenaphthylene
Concen: 50.100 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.005 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Tgt Ion:152 Resp: 3279242

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.2	10.6	16.0

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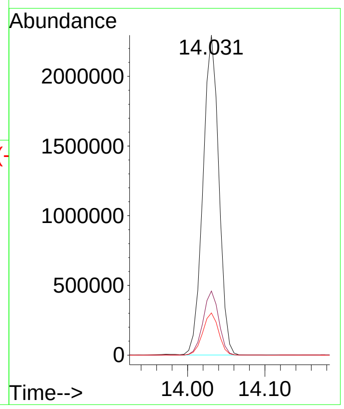
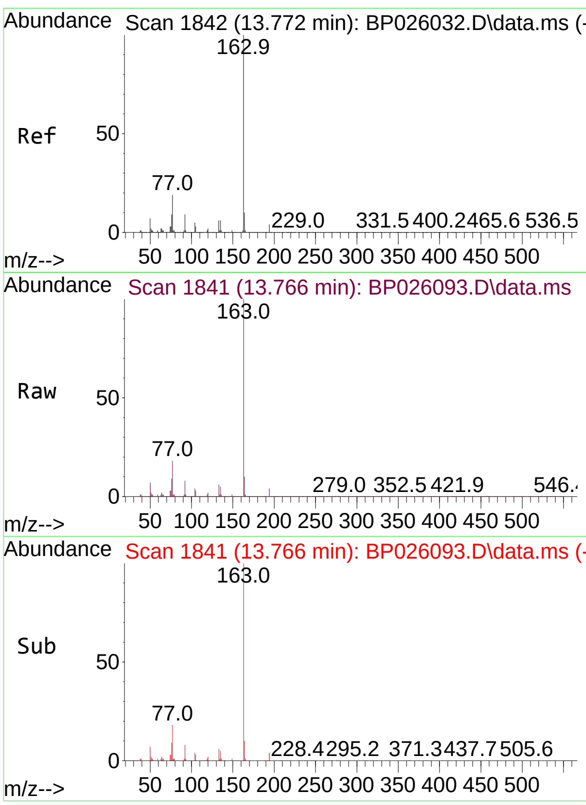
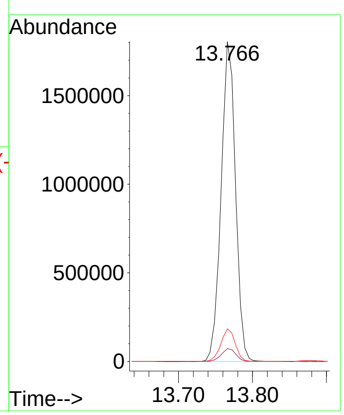




#50
Dimethylphthalate
Concen: 44.831 ng
RT: 13.766 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:163 Resp: 2430796

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.2	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
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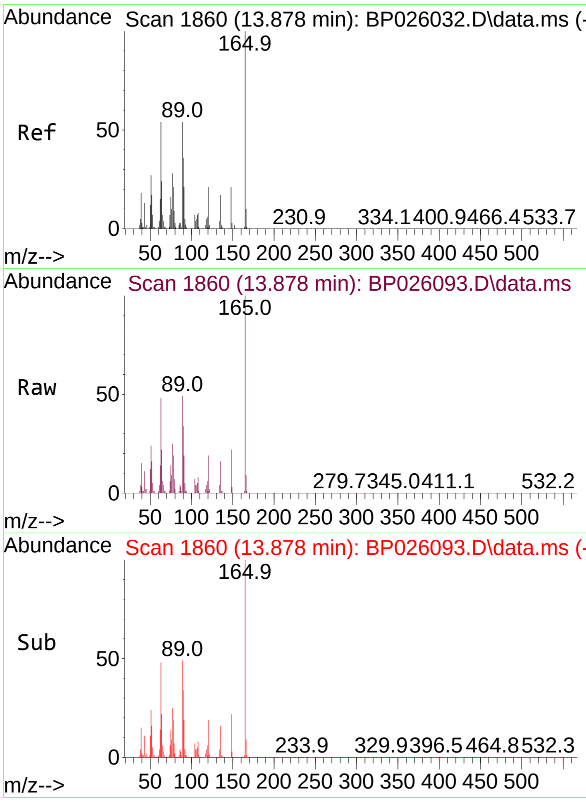
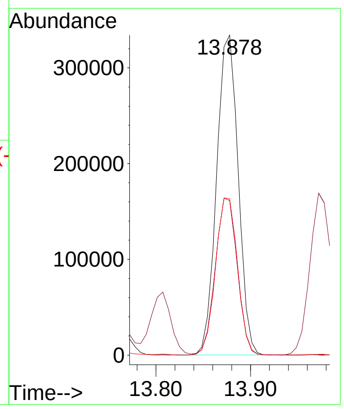
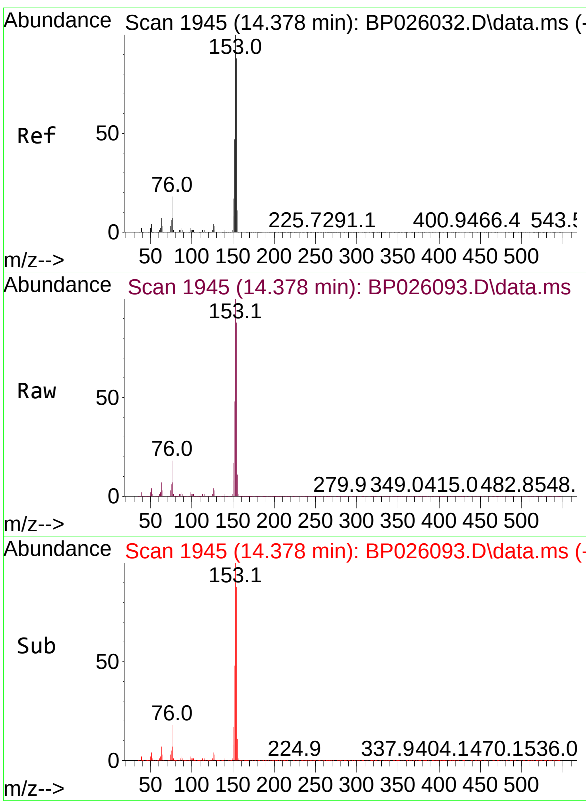


#51
2,6-Dinitrotoluene
Concen: 52.105 ng
RT: 13.878 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:165 Resp: 530255

Ion	Ratio	Lower	Upper
165	100		
63	48.3	43.0	64.4
89	48.9	43.0	64.4

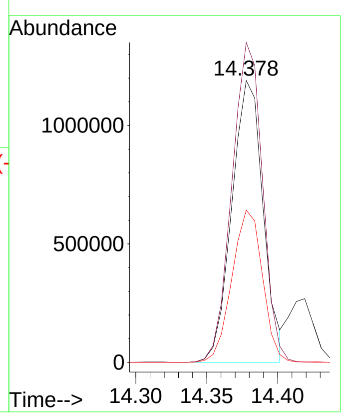




#52
Acenaphthene
Concen: 40.569 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:154 Resp: 1822943

Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.0	136.4
152	54.0	42.7	64.1



Instrument :
BNA_P
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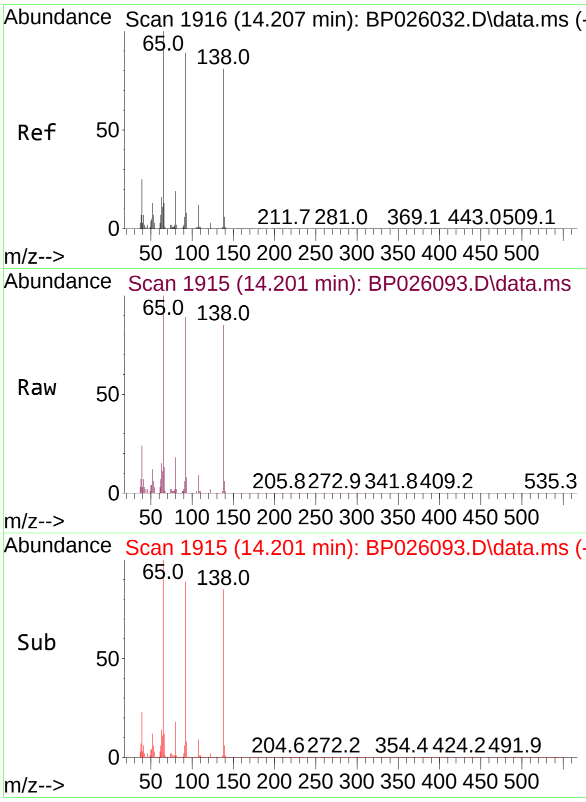
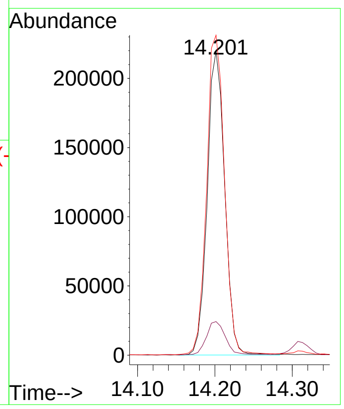
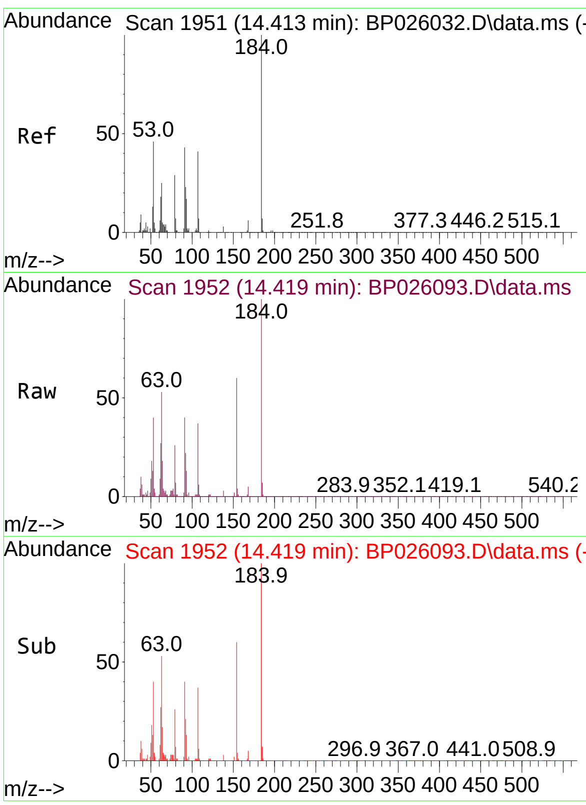


#53
3-Nitroaniline
Concen: 29.253 ng
RT: 14.201 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:138 Resp: 34402

Ion	Ratio	Lower	Upper
138	100		
108	11.0	11.4	17.0
92	105.3	87.1	130.7

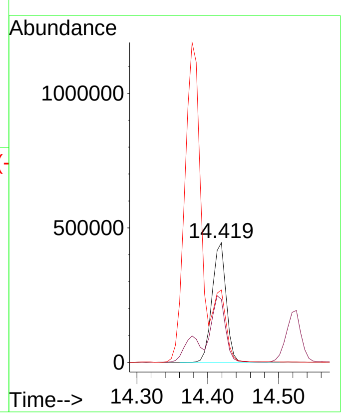




#54
2,4-Dinitrophenol
Concen: 110.722 ng
RT: 14.419 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:184 Resp: 617165

Ion	Ratio	Lower	Upper
184	100		
63	52.8	49.0	73.4
154	60.5	51.0	76.6



Instrument :
BNA_P
ClientSampleId :
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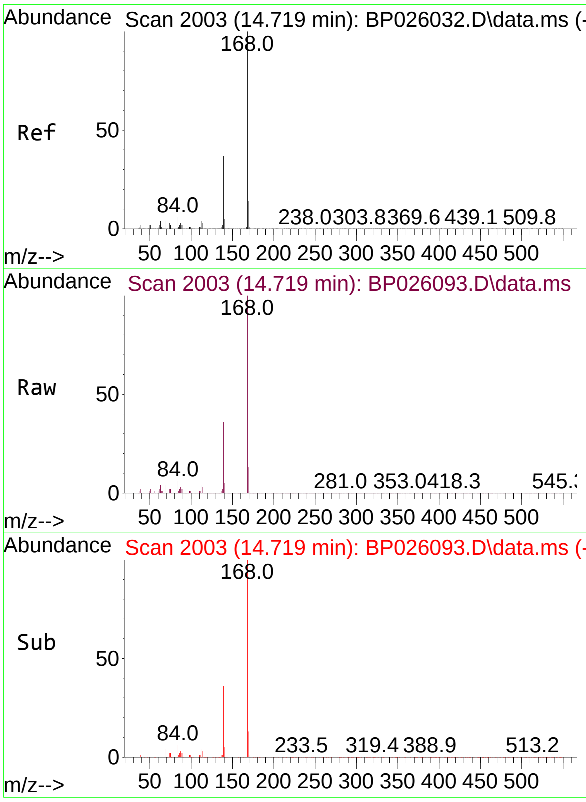
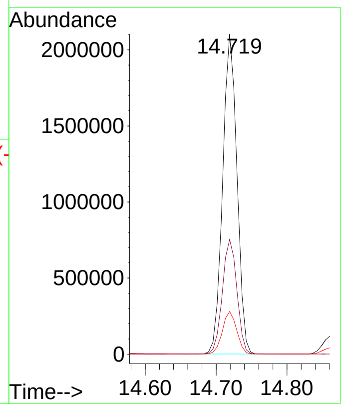
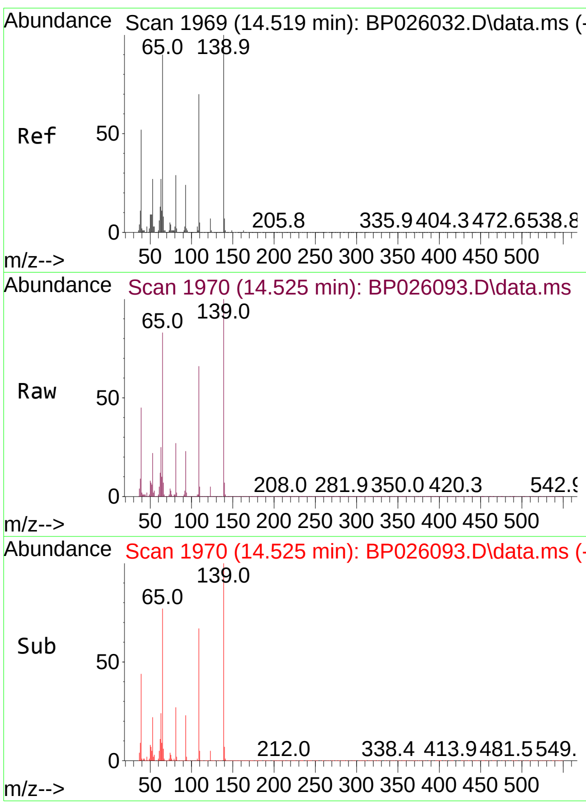


#55
Dibenzofuran
Concen: 43.561 ng
RT: 14.719 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:168 Resp: 295737

Ion	Ratio	Lower	Upper
168	100		
139	35.8	29.7	44.5
169	13.3	11.0	16.4

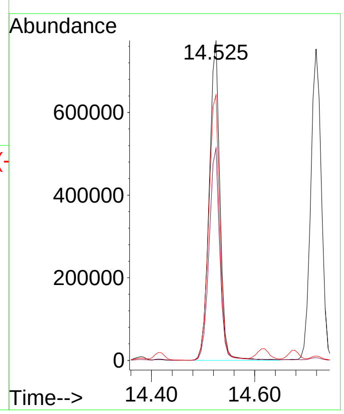




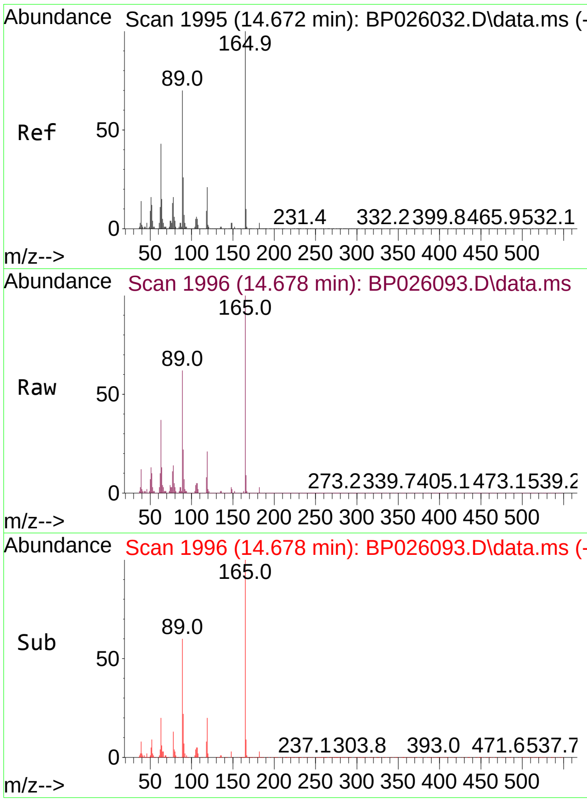
#56
4-Nitrophenol
Concen: 103.365 ng
RT: 14.525 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:139 Resp: 1117576

Ion	Ratio	Lower	Upper
139	100		
109	66.3	50.0	90.0
65	83.0	69.6	109.6



Sample Results: **BP026093.D**



#57
2,4-Dinitrotoluene
Concen: 51.982 ng
RT: 14.678 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Tgt Ion:165 Resp: 777166

Ion	Ratio	Lower	Upper
165	100		
63	37.0	34.2	51.2
89	62.1	56.0	84.0
182	2.8	2.2	3.2

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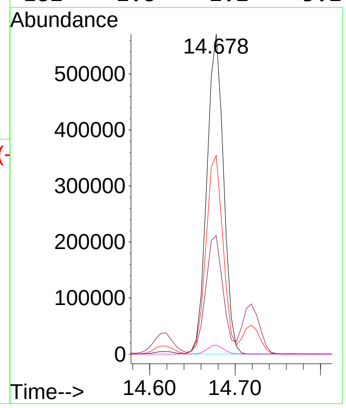
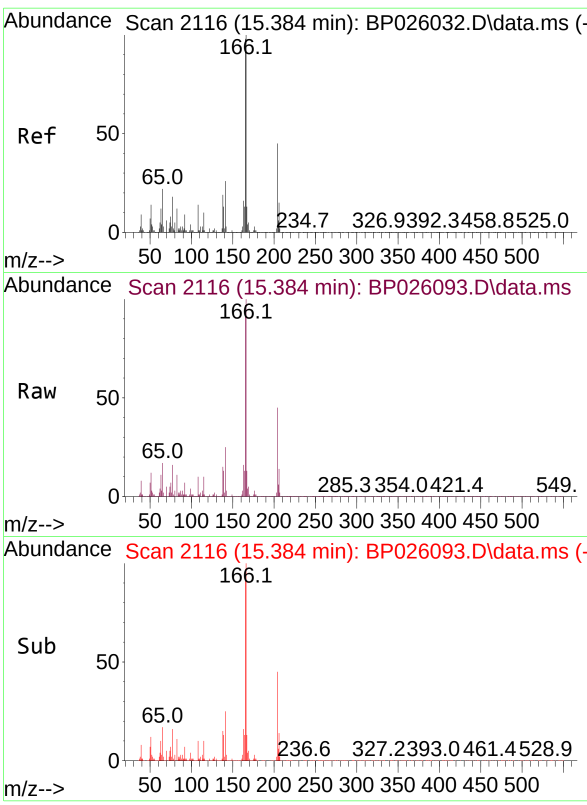
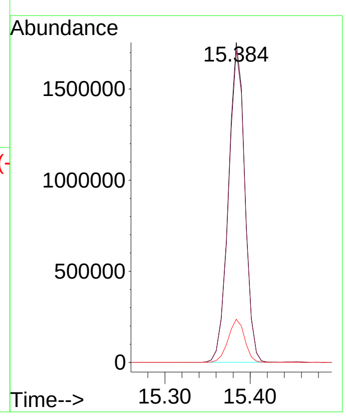




#58
Fluorene
Concen: 44.015 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:166 Resp: 2341092

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.1	117.1
167	13.5	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
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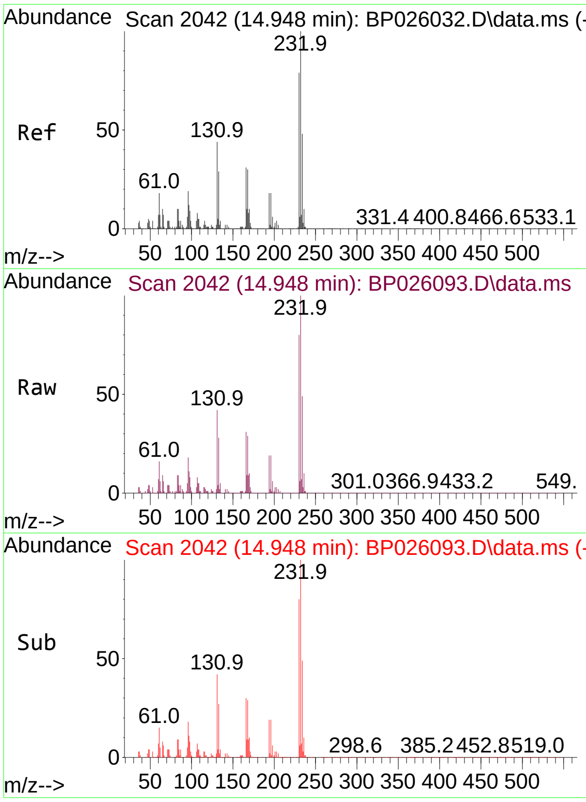
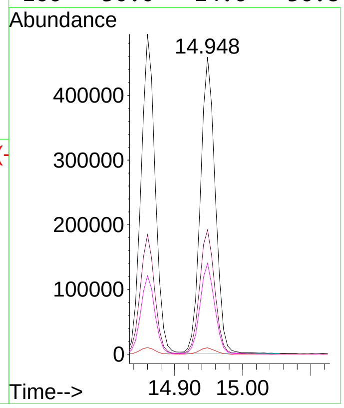
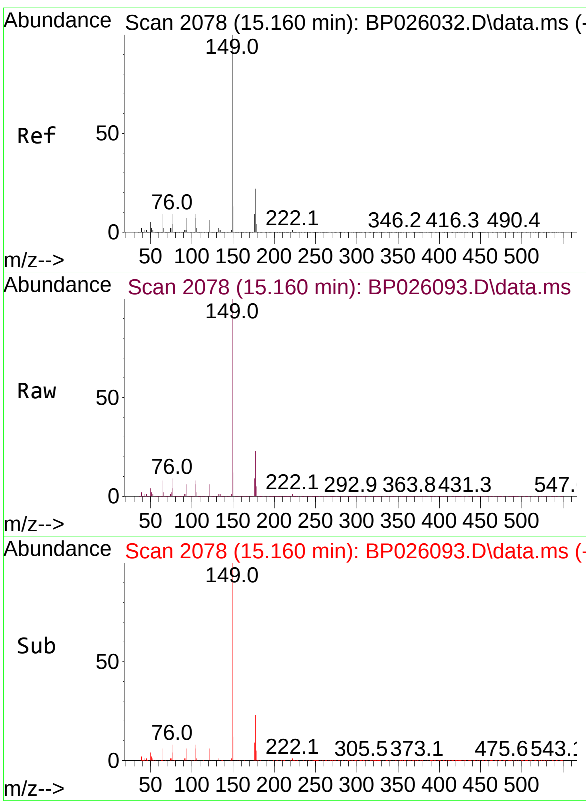


#59
2,3,4,6-Tetrachlorophenol
Concen: 56.966 ng
RT: 14.948 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:232 Resp: 69968

Ion	Ratio	Lower	Upper
232	100		
131	42.2	35.2	52.8
130	2.2	1.7	2.5
166	30.0	24.6	36.8

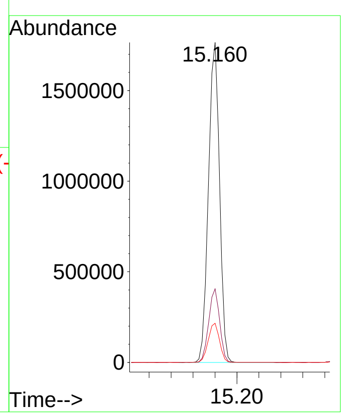


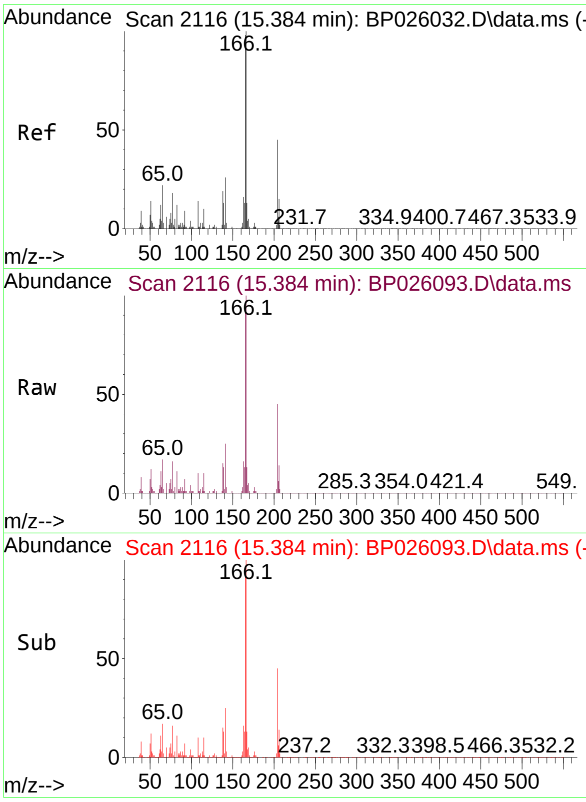


#60
Diethylphthalate
Concen: 45.307 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:149 Resp: 2469705

Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.9	26.9
150	12.2	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.828 ng
RT: 15.384 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:204 Resp: 113754

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	56.9	47.0	70.4

Instrument :
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ClientSampleId :
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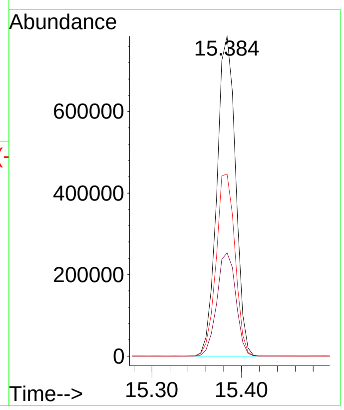
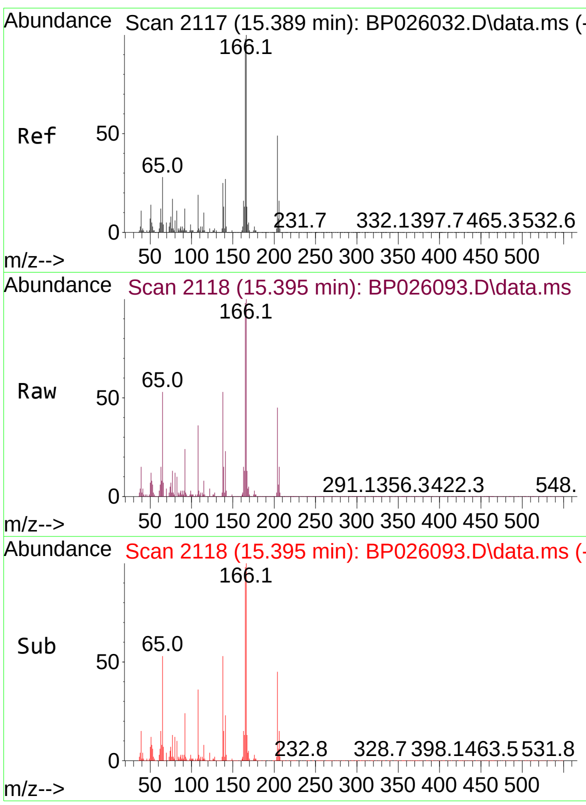
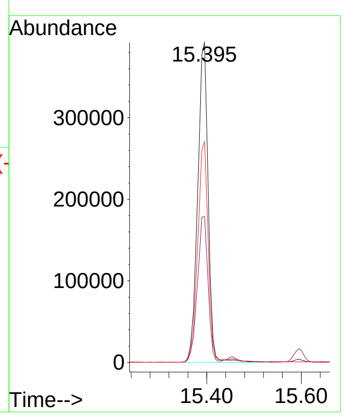


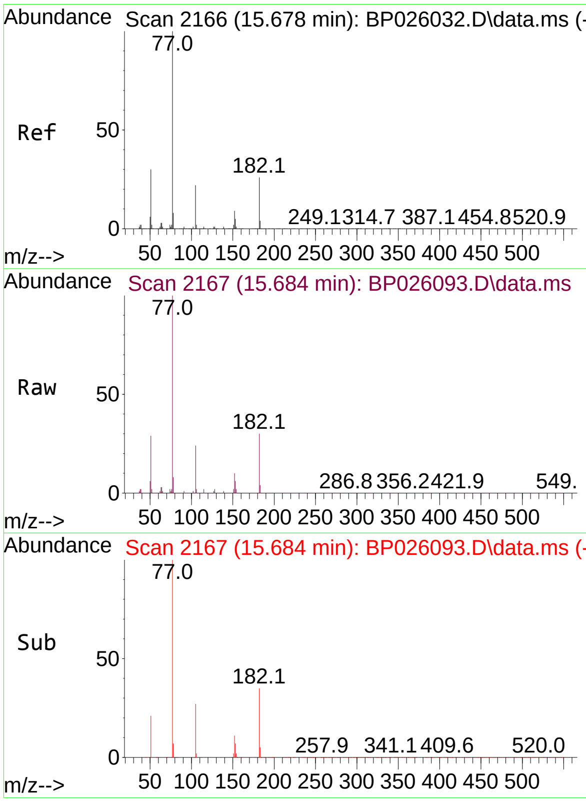


#62
4-Nitroaniline
Concen: 52.270 ng
RT: 15.395 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:138 Resp: 605617

Ion	Ratio	Lower	Upper
138	100		
92	45.6	28.2	68.2
108	69.0	56.0	96.0

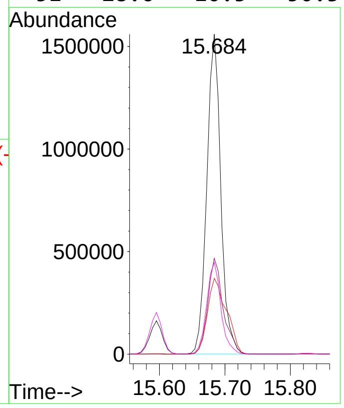




#63
Azobenzene
Concen: 46.628 ng
RT: 15.684 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion: 77 Resp: 230352

Ion	Ratio	Lower	Upper
77	100		
182	29.9	6.4	46.4
105	23.7	2.2	42.2
51	28.6	10.3	50.3



Instrument :
BNA_P
ClientSampleId :
SED-3MS

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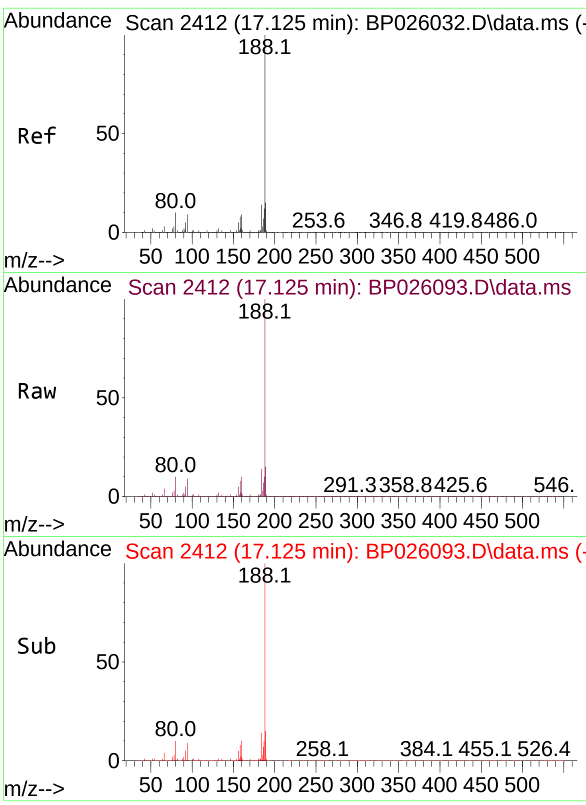
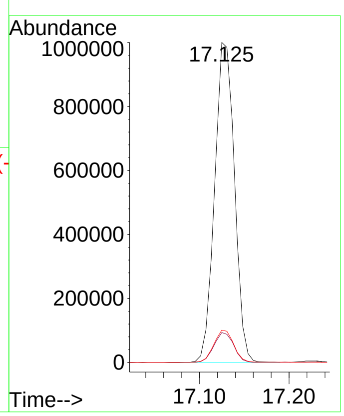


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:188 Resp: 1549759

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	10.1	7.9	11.9



Instrument :
BNA_P
ClientSampleId :
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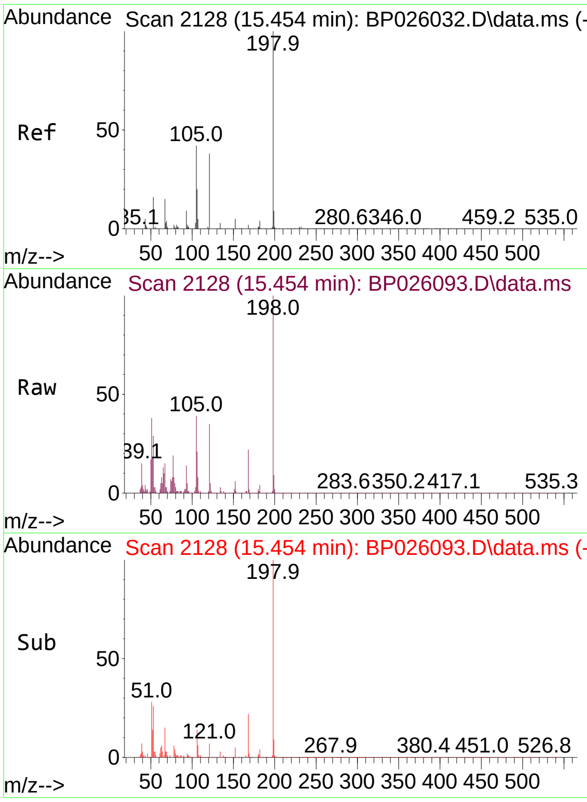
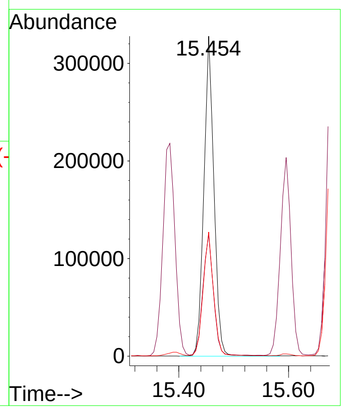
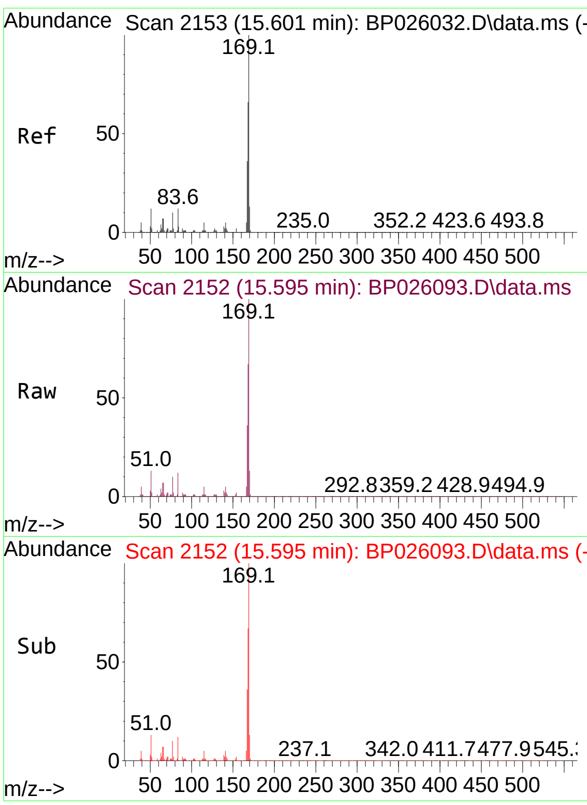


#65
4,6-Dinitro-2-methylphenol
Concen: 61.165 ng
RT: 15.454 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:198 Resp: 41641

Ion	Ratio	Lower	Upper
198	100		
51	38.1	25.2	65.2
105	38.8	23.7	63.7

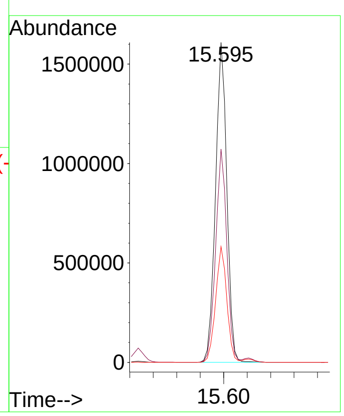


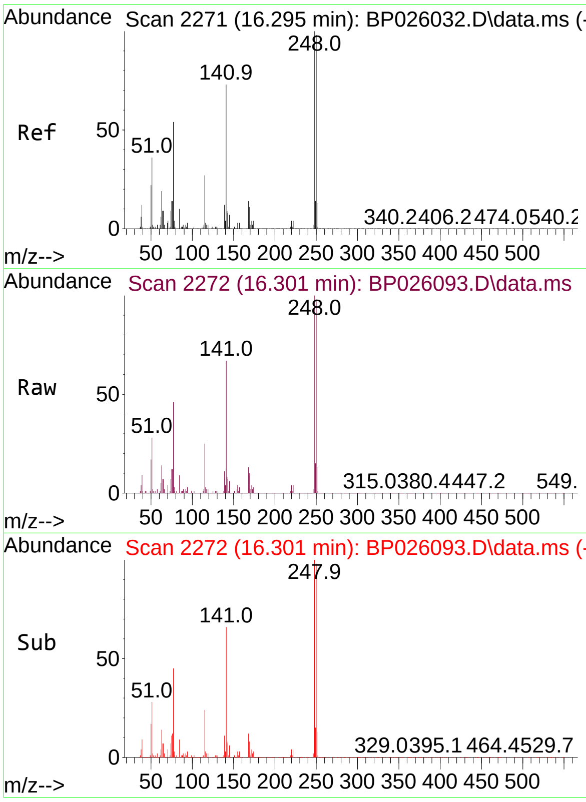


#66
n-Nitrosodiphenylamine
Concen: 44.482 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:169 Resp: 2155394

Ion	Ratio	Lower	Upper
169	100		
168	66.6	52.9	79.3
167	36.2	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 43.874 ng
RT: 16.301 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Tgt Ion:248	Resp:	754222	
Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.4	117.6
141	66.8	58.3	87.5

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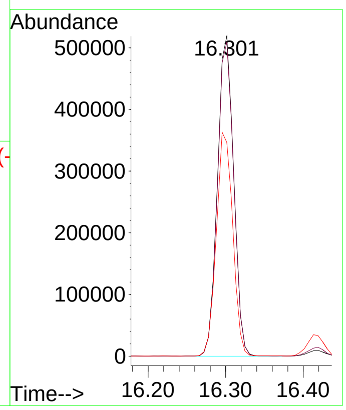
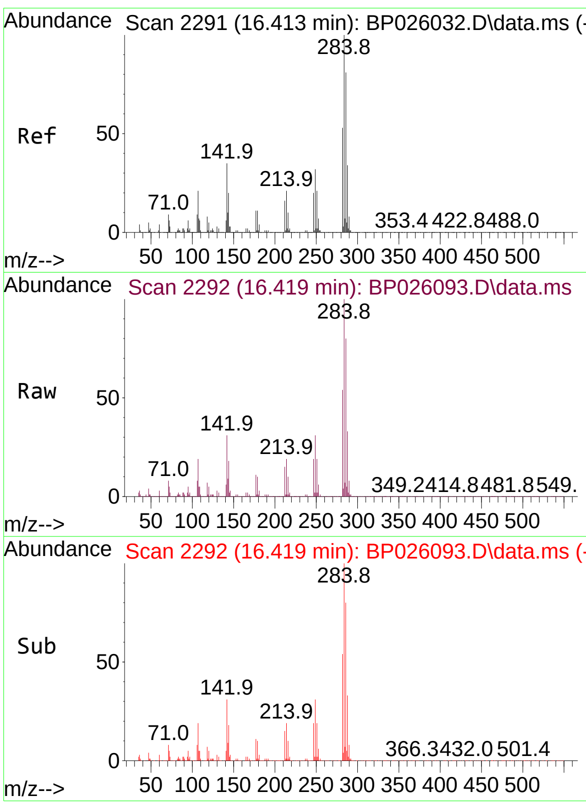
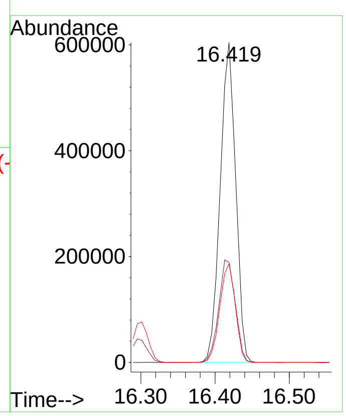




#68
Hexachlorobenzene
Concen: 44.852 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:284	Resp:	877752	
Ion	Ratio	Lower	Upper
284	100		
142	31.2	27.7	41.5
249	30.9	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SED-3MS

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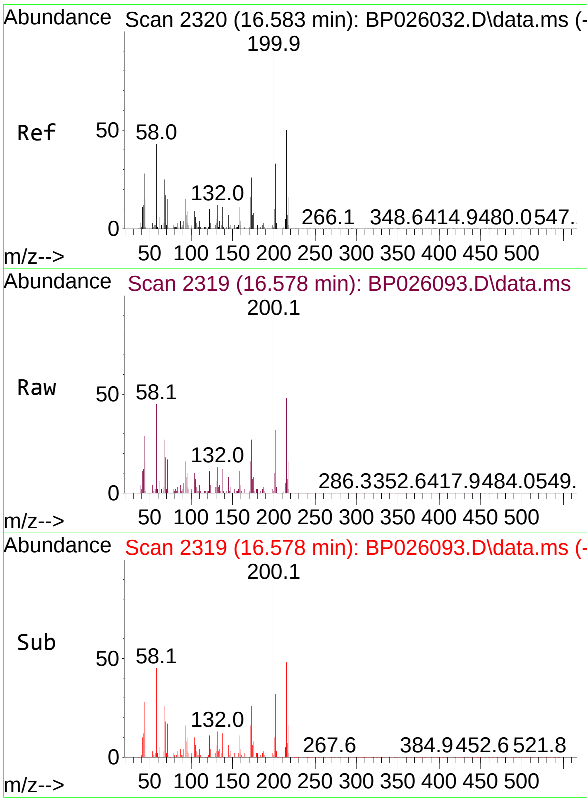
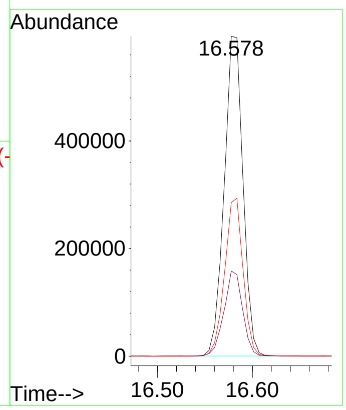
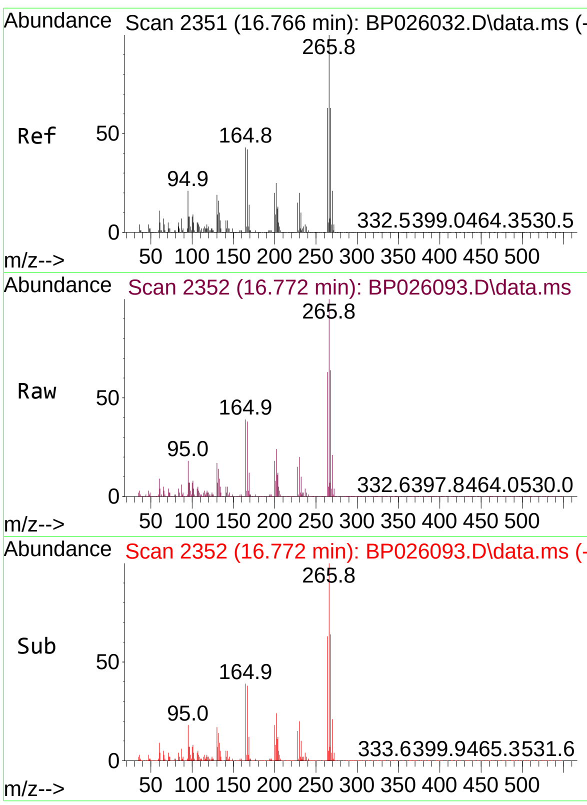


#69
Atrazine
Concen: 50.115 ng
RT: 16.578 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:200 Resp: 81918

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.2	46.2
215	48.0	29.8	69.8

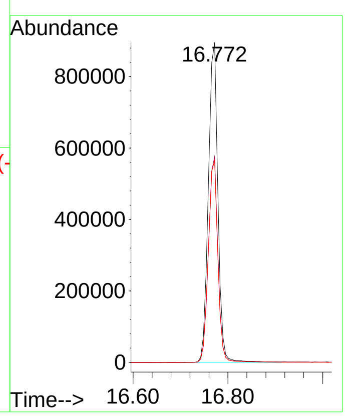




#70
Pentachlorophenol
Concen: 104.976 ng
RT: 16.772 min Scan# 2352
Delta R.T. 0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:266 Resp: 1254838

Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.6	76.0
264	63.1	50.2	75.4



Instrument :
BNA_P
ClientSampleId :
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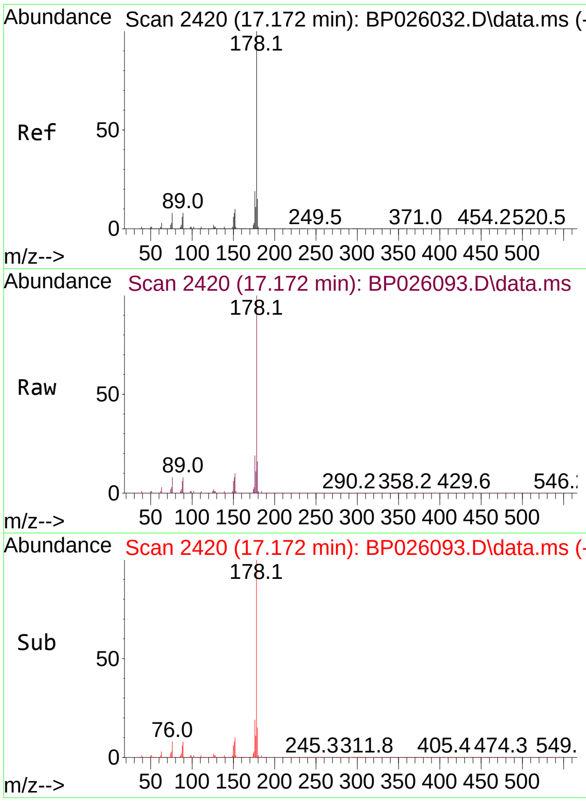
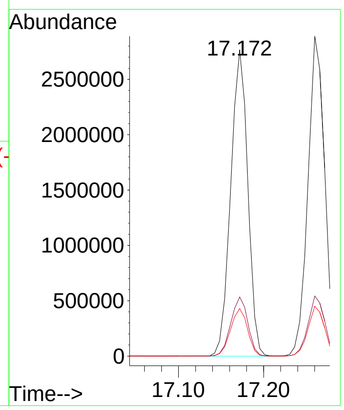
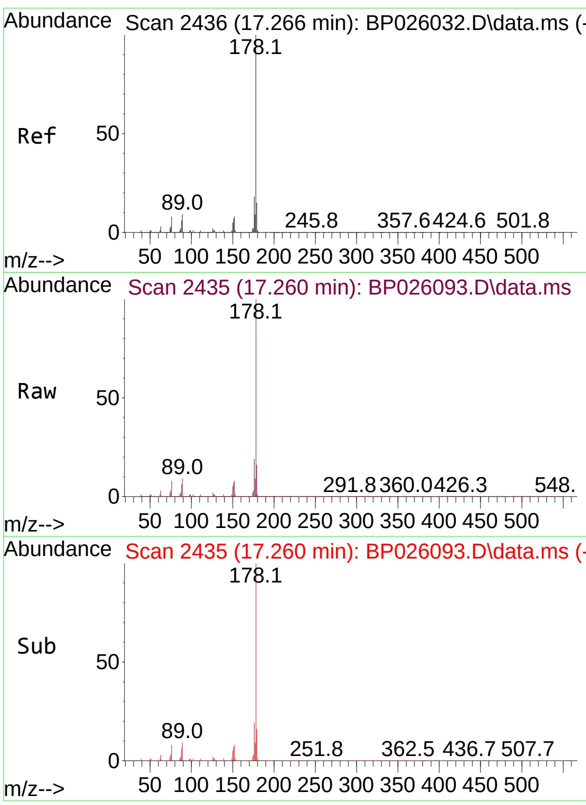


#71
Phenanthrene
Concen: 42.748 ng
RT: 17.172 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:178 Resp: 3856008

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.5	12.3	18.5

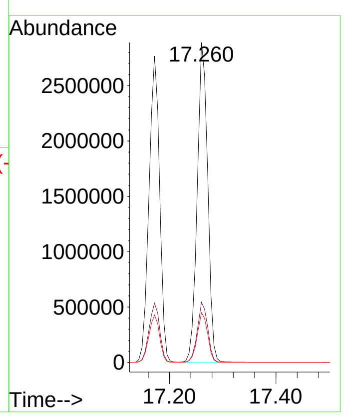




#72
Anthracene
Concen: 44.333 ng
RT: 17.260 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:178 Resp: 3964031

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.6	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SED-3MS

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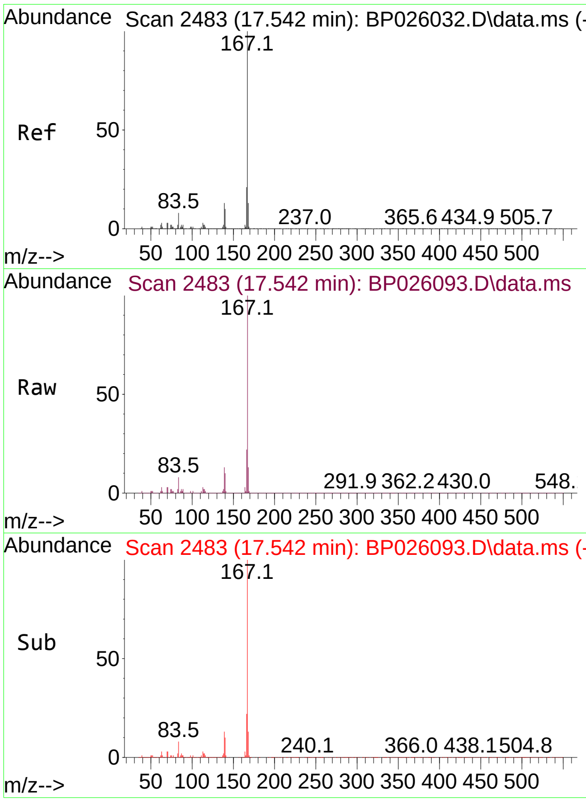
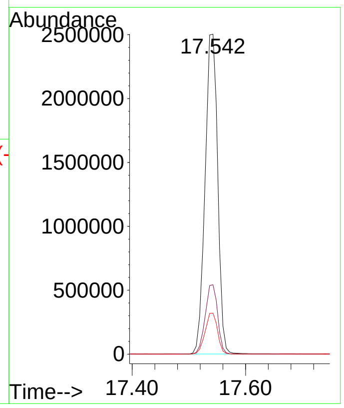
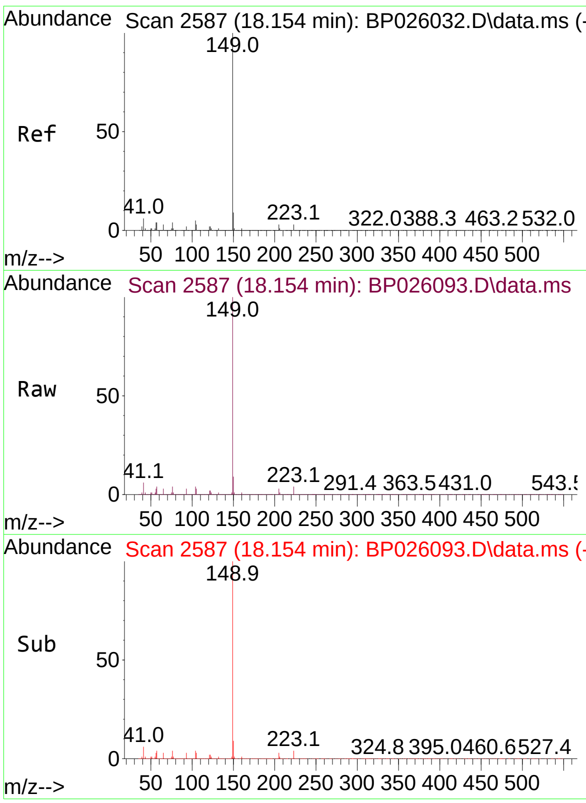


#73
Carbazole
Concen: 45.885 ng
RT: 17.542 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:167 Resp: 388375

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	12.8	10.2	15.2

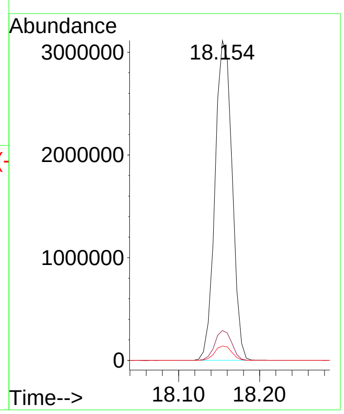




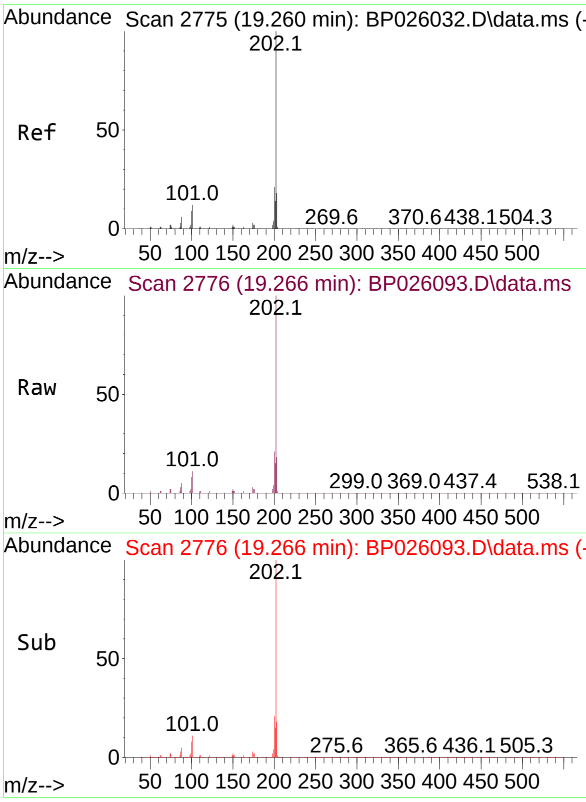
#74
Di-n-butylphthalate
Concen: 48.225 ng
RT: 18.154 min Scan# 2587
Delta R.T. 0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:149 Resp: 4567374

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.5	3.8	5.6



Sample Results: **BP026093.D**




```
#75
Fluoranthene
Concen:   45.721 ng
RT:  19.266 min  Scan# 2
Delta R.T.  0.006 min
Lab File:   BP026093.D
Acq: 11 Nov 2025  16:52

Tgt Ion:202 Resp: 481097
Ion  Ratio  Lower  Upper
202  100
101   10.8    0.0   32.1
203   17.7    0.0   37.6
```

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Manual Integrations
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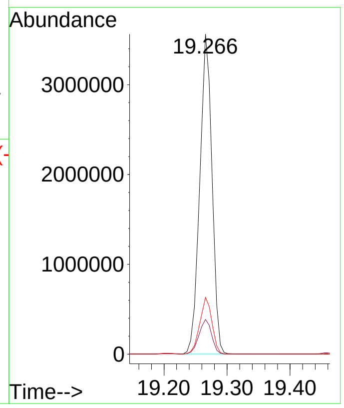
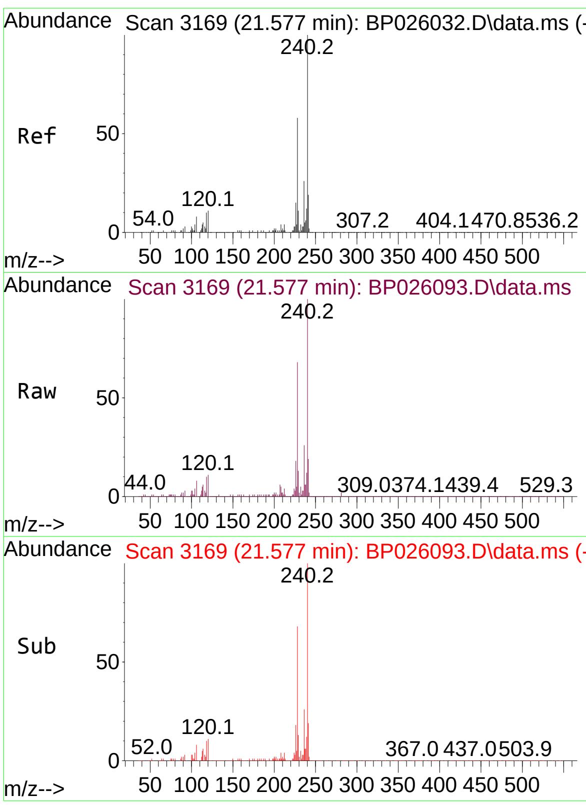
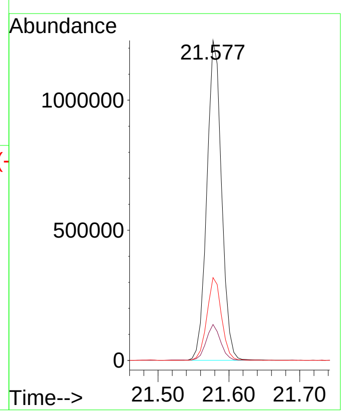
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

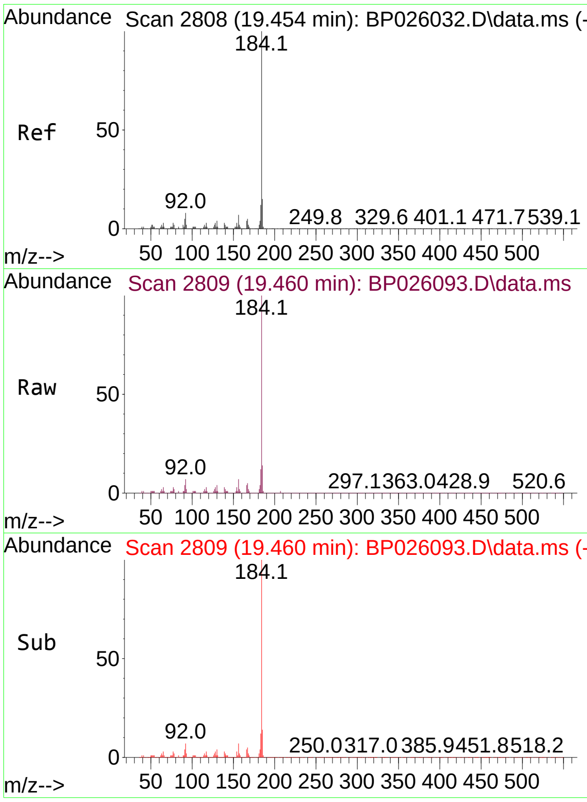





```
#76
Chrysene-d12
Concen:   20.000 ng
RT:  21.577 min  Scan# 3169
Delta R.T.  0.012 min
Lab File:   BP026093.D
Acq: 11 Nov 2025  16:52

Tgt Ion:240 Resp: 1762341
Ion  Ratio  Lower  Upper
240  100
120   11.2    8.9   13.3
236   25.9   20.6   31.0
```

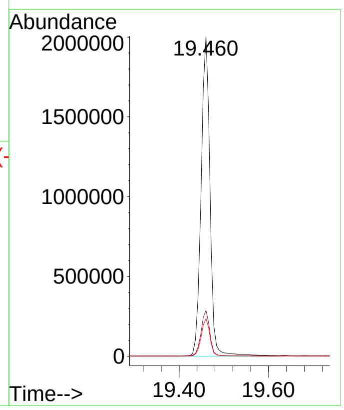




#77
Benzidine
Concen: 61.722 ng
RT: 19.460 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:184 Resp: 276099

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.9	17.9
183	11.7	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
SED-3MS

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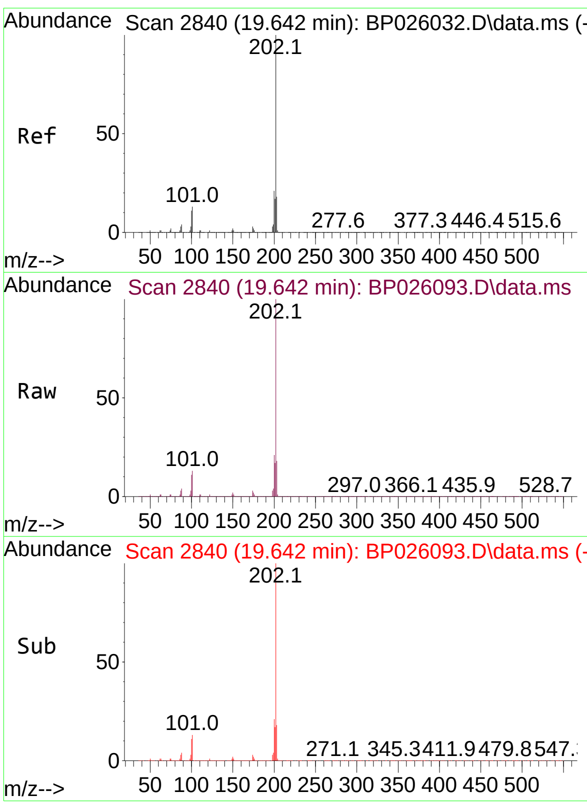
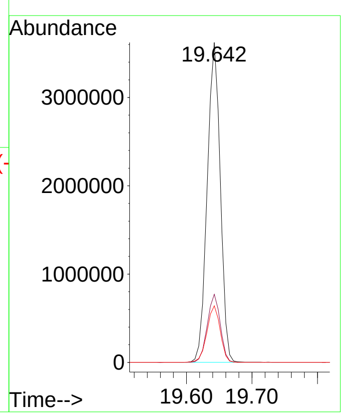
Supervised By :Jagrut Upadhyay 11/12/2025



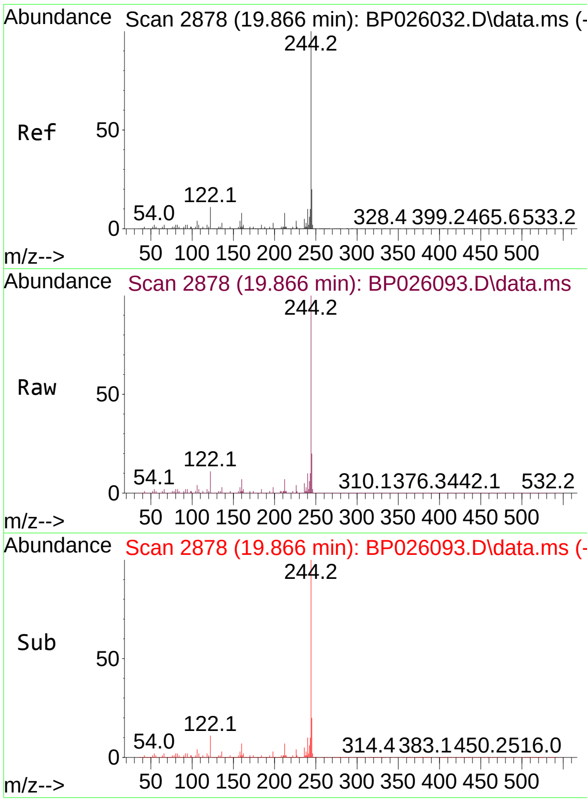
#78
Pyrene
Concen: 42.116 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:202 Resp: 5019988

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.7	14.0	21.0



Sample Results: **BP026093.D**



#79
Terphenyl-d14
Concen: 60.381 ng
RT: 19.866 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:244 Resp: 5237660

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.9	9.0	13.6

Instrument :
BNA_P
ClientSampleId :
SED-3MS

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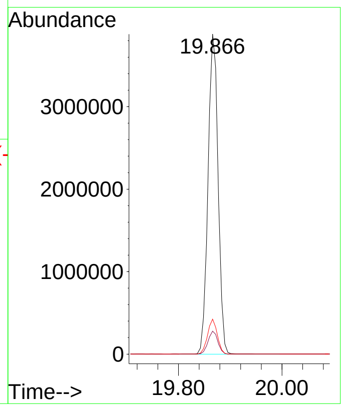
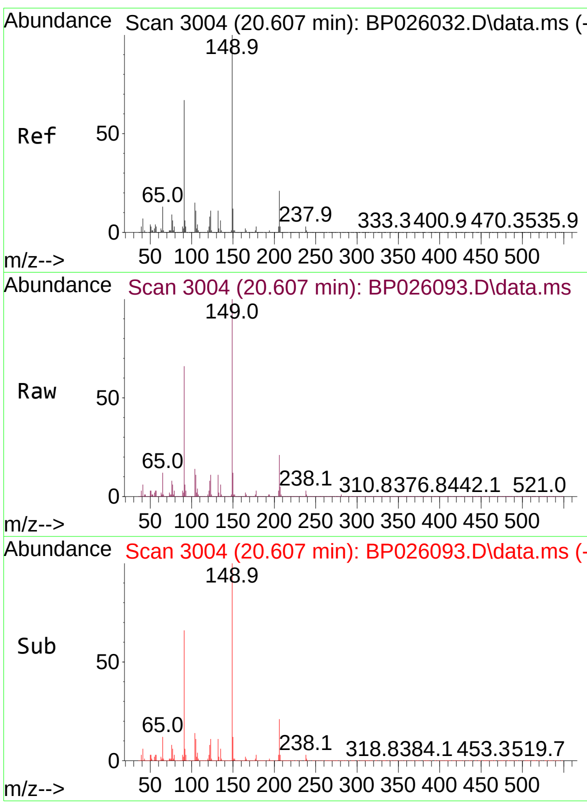
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

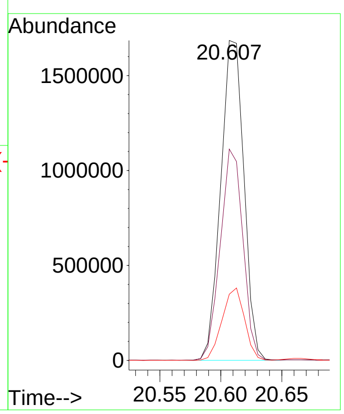




#80
Butylbenzylphthalate
Concen: 50.144 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:149 Resp: 2238758

Ion	Ratio	Lower	Upper
149	100		
91	66.0	53.5	80.3
206	20.7	16.6	25.0



Instrument :
BNA_P
ClientSampleId :
SED-3MS

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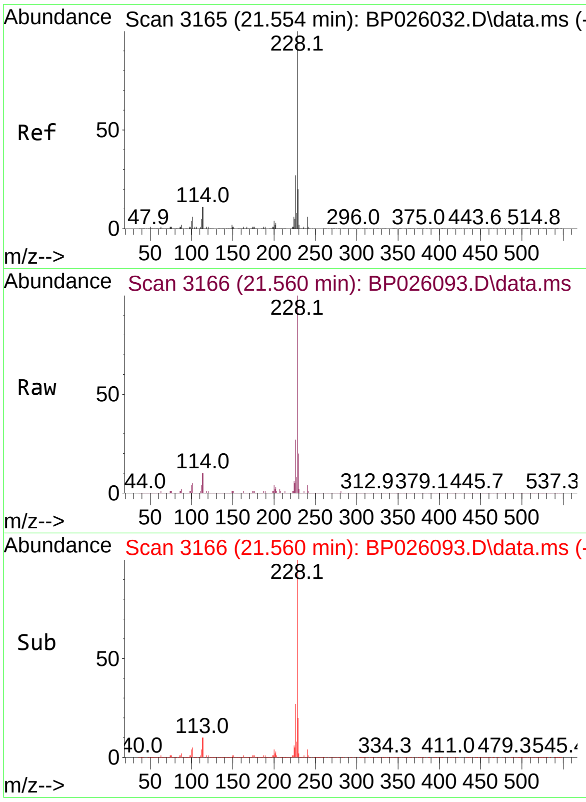
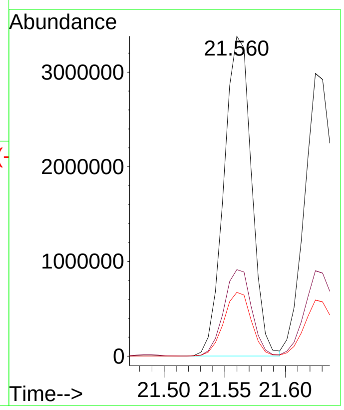
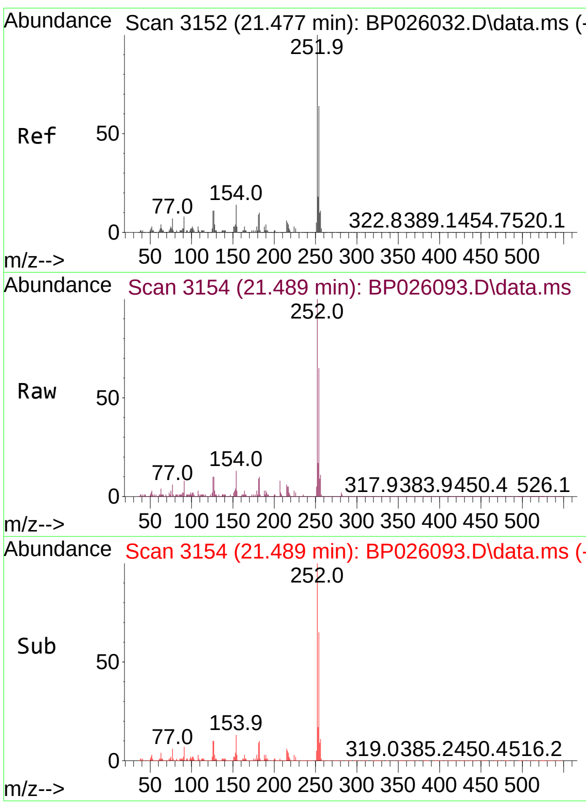
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025




```
#81
Benzo(a)anthracene
Concen:   44.274 ng
RT:  21.560 min  Scan# 31
Delta R.T.  0.012 min
Lab File:   BP026093.D
Acq: 11 Nov 2025  16:52

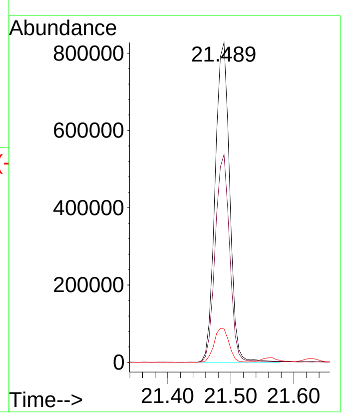
Tgt Ion:228 Resp: 536171
Ion  Ratio  Lower  Upper
228  100
226   27.0   21.7   32.5
229   19.9   15.8   23.8
```






```
#82
3,3'-Dichlorobenzidine
Concen:   34.105 ng
RT:  21.489 min  Scan# 3154
Delta R.T.  0.012 min
Lab File:   BP026093.D
Acq: 11 Nov 2025  16:52

Tgt Ion:252 Resp: 1330753
Ion  Ratio  Lower  Upper
252  100
254   65.0   51.3   76.9
126   10.5    9.1   13.7
```



Instrument :
BNA_P
ClientSampleId :
SED-3MS

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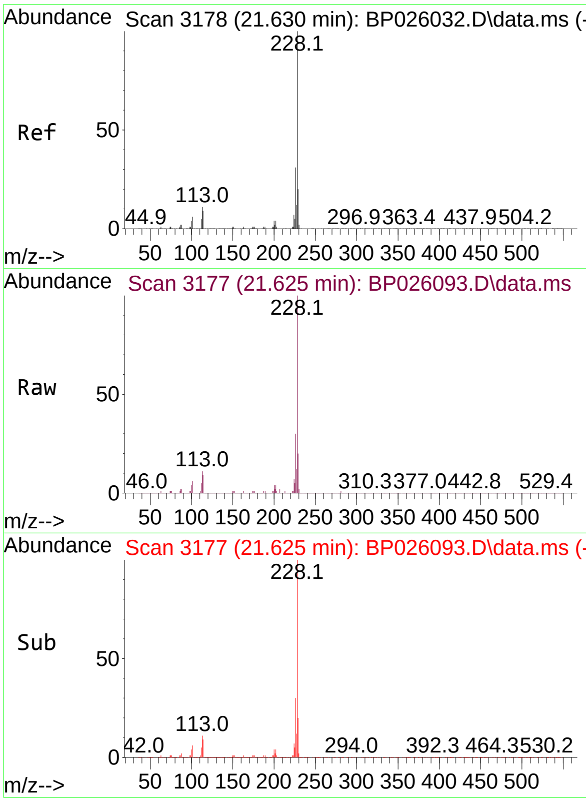
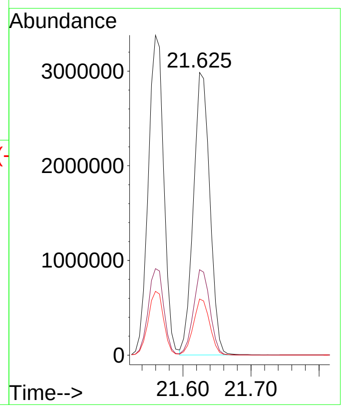
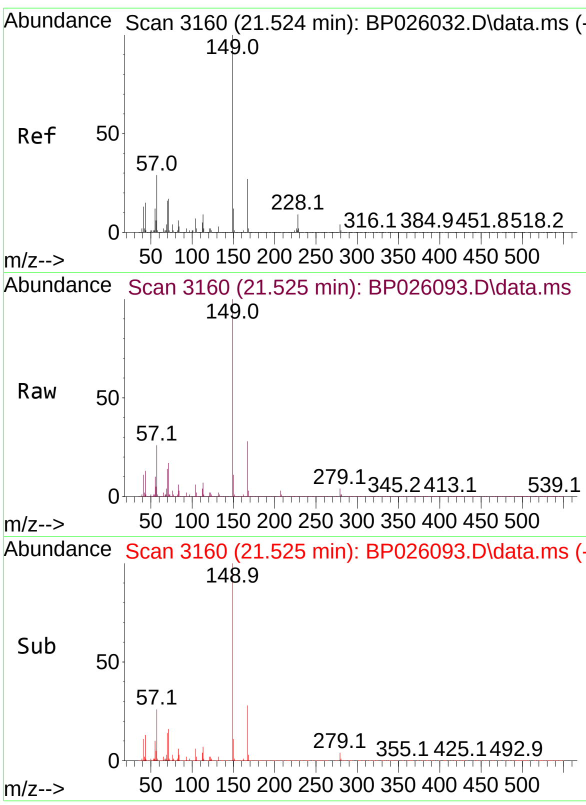


#83
Chrysene
Concen: 43.854 ng
RT: 21.625 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:228 Resp: 503079

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.8	16.0	24.0

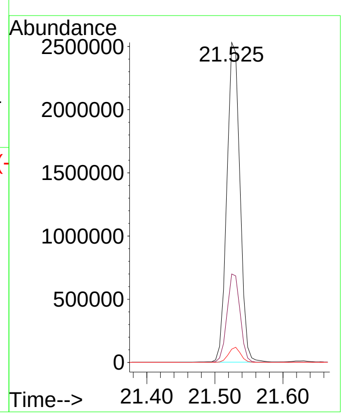


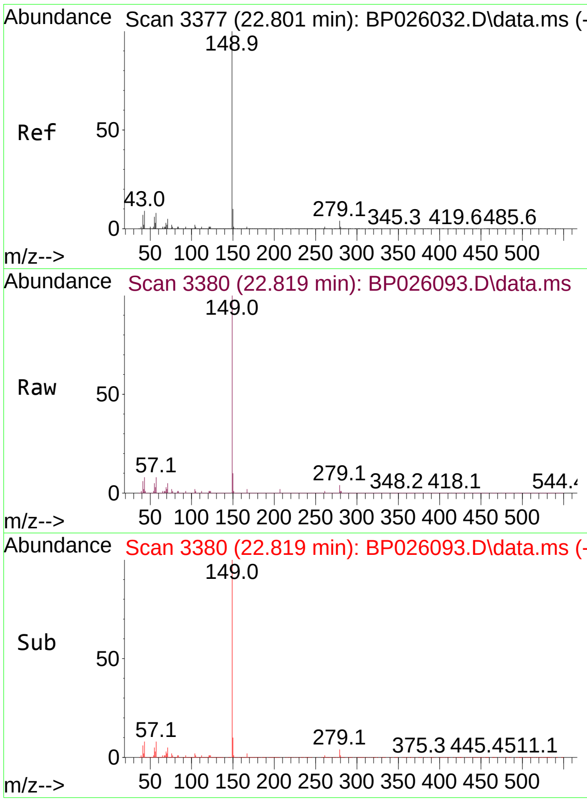


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.305 ng
RT: 21.525 min Scan# 3160
Delta R.T. 0.007 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:149 Resp: 3357041

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.5	32.3
279	4.1	3.0	4.6

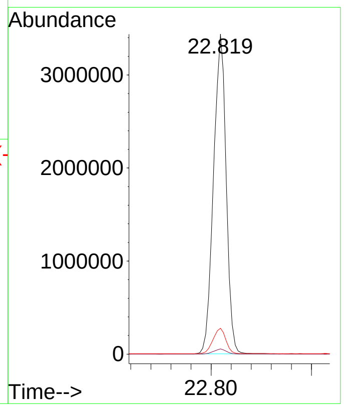




#85
Di-n-octyl phthalate
Concen: 57.119 ng
RT: 22.819 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:149 Resp: 599230

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.1	7.6	11.4



Instrument :
BNA_P
ClientSampleId :
SED-3MS

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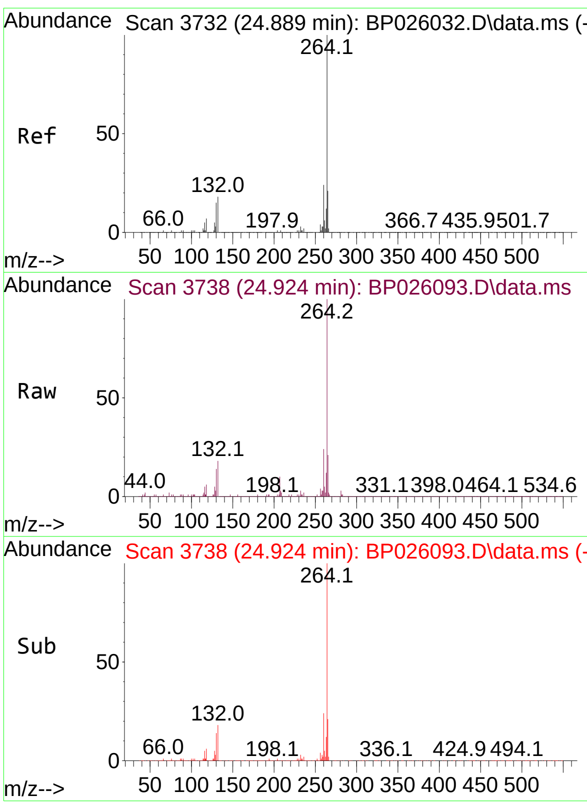
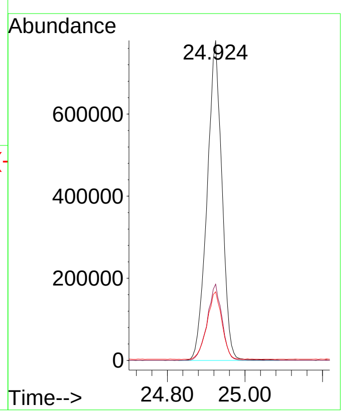
Supervised By :Jagrut Upadhyay 11/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3738
Delta R.T. 0.041 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:264 Resp: 2068063

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.4	17.2	25.8



Instrument :
BNA_P
ClientSampleId :
SED-3MS

Manual Integrations
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Reviewed By :Rahul Chavli 11/12/2025
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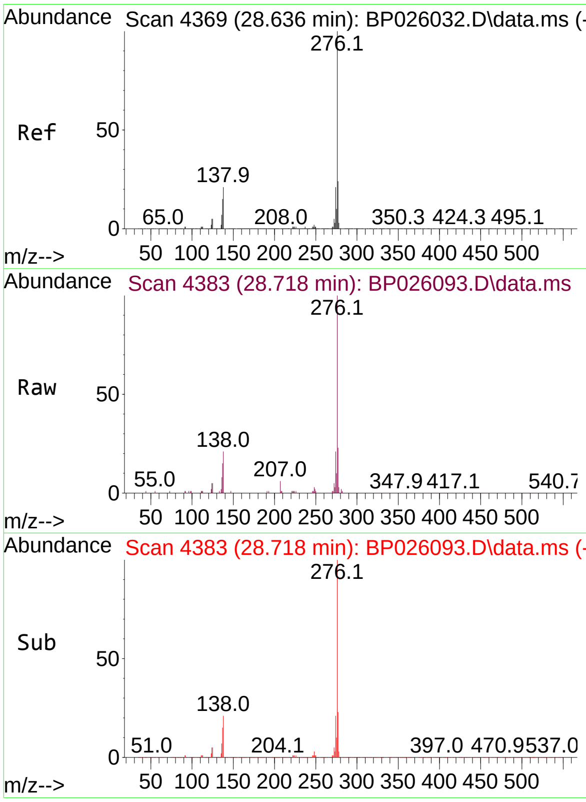
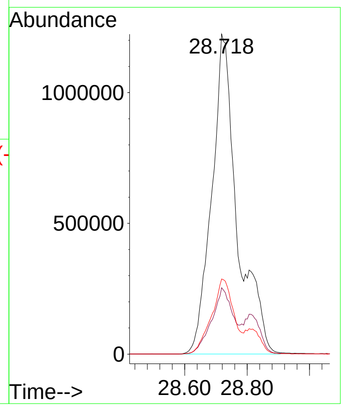
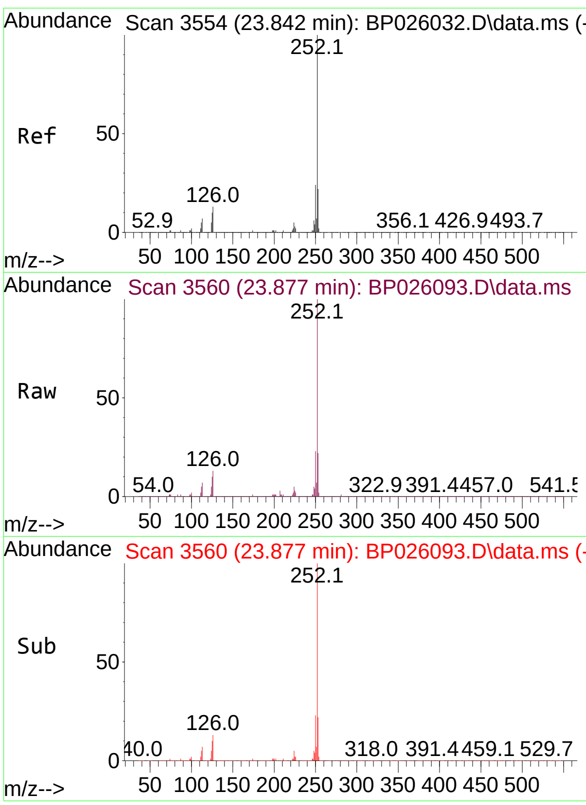



```
#87
Indeno(1,2,3-cd)pyrene
Concen:   45.588 ng m
RT:  28.718 min  Scan# 4
Delta R.T.  0.059 min
Lab File:   BP026093.D
Acq: 11 Nov 2025  16:52

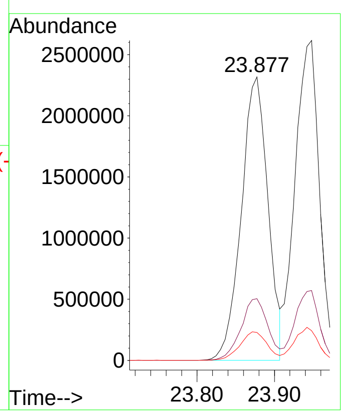
Tgt Ion:276 Resp: 696027
Ion  Ratio  Lower  Upper
276  100
138   17.4   13.2   19.8
277   20.5   16.3   24.5
```

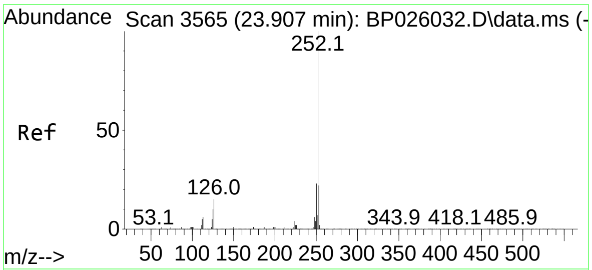


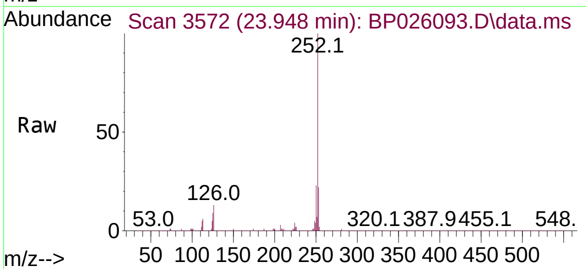


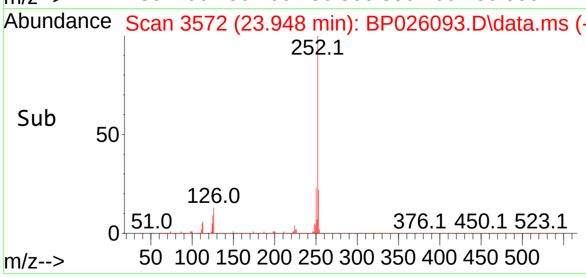

```
#88
Benzo(b)fluoranthene
Concen:   43.165 ng
RT:  23.877 min  Scan# 3560
Delta R.T.  0.030 min
Lab File:   BP026093.D
Acq: 11 Nov 2025  16:52

Tgt Ion:252 Resp: 5541720
Ion  Ratio  Lower  Upper
252  100
253   21.8   17.6   26.4
125    9.9    8.1   12.1
```





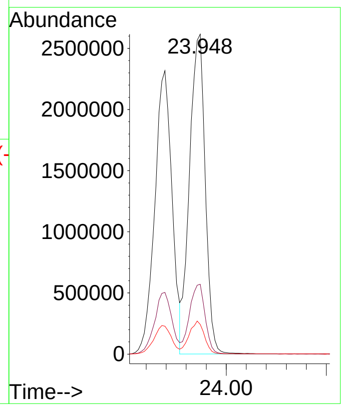




#89
Benzo(k)fluoranthene
Concen: 43.549 ng
RT: 23.948 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:252 Resp: 5709385

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.3	8.1	12.1



Instrument :
BNA_P
ClientSampleId :
SED-3MS

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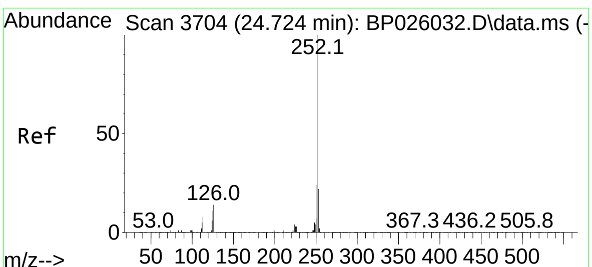
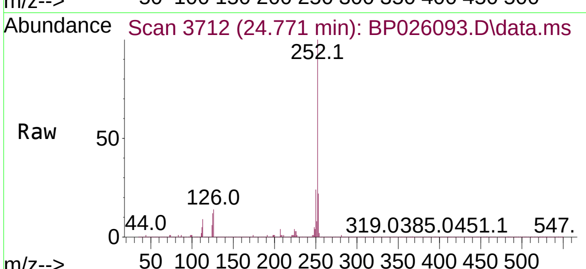
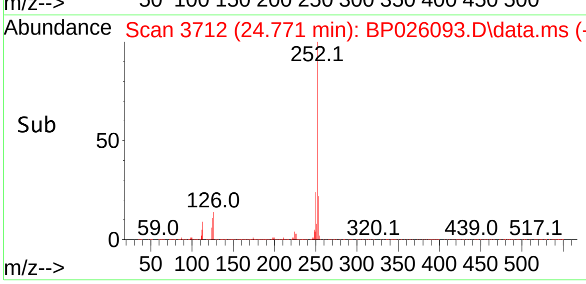


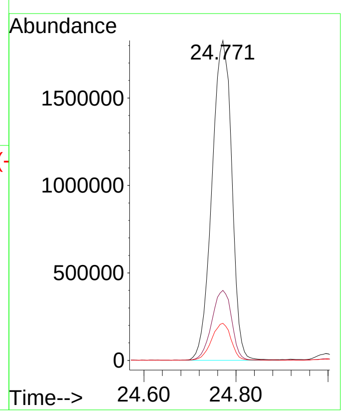


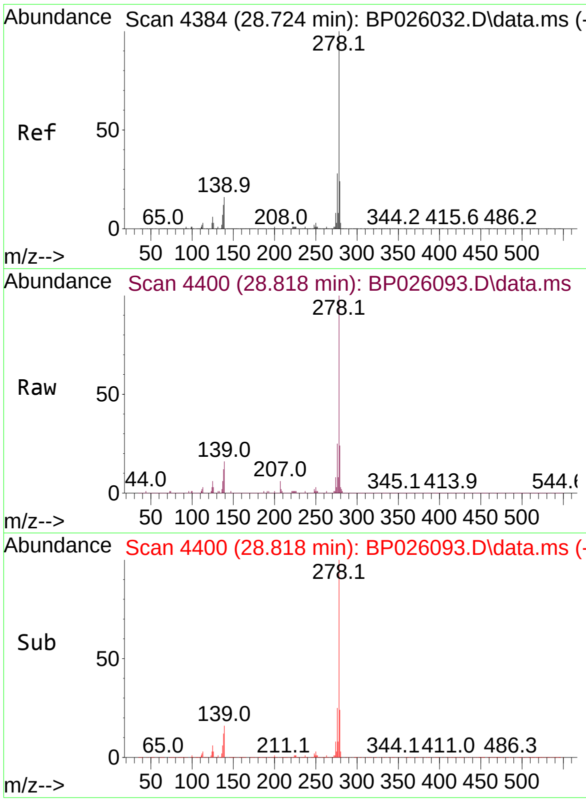


#90
Benzo(a)pyrene
Concen: 46.645 ng
RT: 24.771 min Scan# 3712
Delta R.T. 0.030 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:252 Resp: 5501616

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	11.6	9.1	13.7





#91
Dibenzo(a,h)anthracene
Concen: 46.024 ng
RT: 28.818 min Scan# 44
Delta R.T. 0.071 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Tgt Ion:278 Resp: 571846

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.0	19.6
279	23.7	18.9	28.3

Manual Integrations
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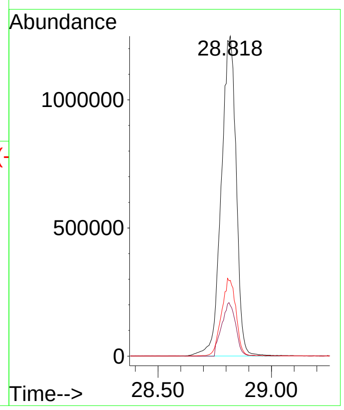
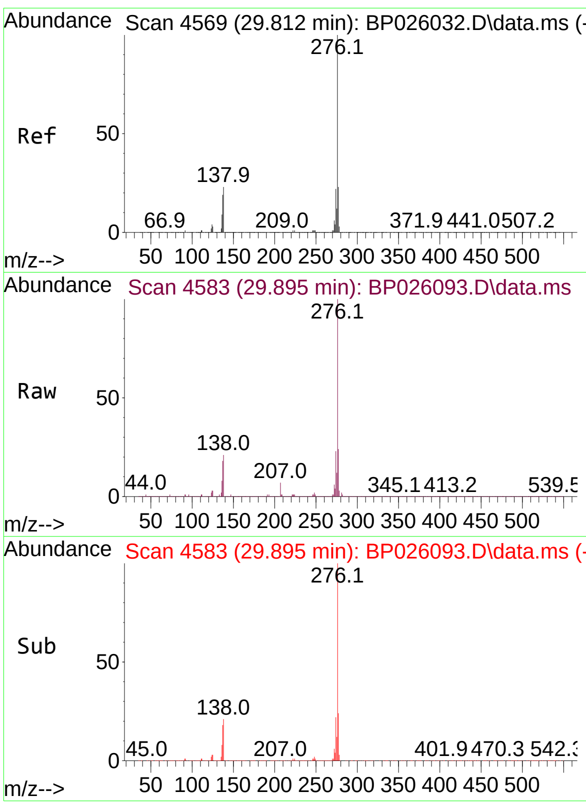
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

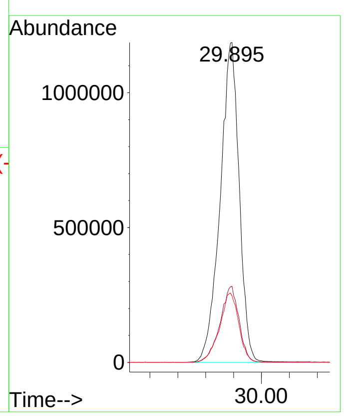




#92
Benzo(g,h,i)perylene
Concen: 47.046 ng
RT: 29.895 min Scan# 4583
Delta R.T. 0.065 min
Lab File: BP026093.D
Acq: 11 Nov 2025 16:52

Tgt Ion:276 Resp: 5625013

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	20.8	18.1	27.1



Raw Data: **BP026094.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3MSD			SDG No.:	Q3586
Lab Sample ID:	Q3586-03MSD			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	50.9
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2700		1	310	650	ug/Kg	11/11/25 17:33	PB170478
108-95-2	Phenol	3200		1	43.4	330	ug/Kg	11/11/25 17:33	PB170478
111-44-4	bis(2-Chloroethyl)ether	2900		1	47.7	330	ug/Kg	11/11/25 17:33	PB170478
95-57-8	2-Chlorophenol	3300		1	47.9	330	ug/Kg	11/11/25 17:33	PB170478
95-48-7	2-Methylphenol	3200		1	58.7	330	ug/Kg	11/11/25 17:33	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	2600		1	73.6	330	ug/Kg	11/11/25 17:33	PB170478
98-86-2	Acetophenone	3000		1	57.9	330	ug/Kg	11/11/25 17:33	PB170478
65794-96-9	3+4-Methylphenols	3200		1	80.7	650	ug/Kg	11/11/25 17:33	PB170478
621-64-7	n-Nitroso-di-n-propylamine	3000		1	93.1	160	ug/Kg	11/11/25 17:33	PB170478
67-72-1	Hexachloroethane	3100		1	34.6	330	ug/Kg	11/11/25 17:33	PB170478
98-95-3	Nitrobenzene	3100		1	35.9	330	ug/Kg	11/11/25 17:33	PB170478
78-59-1	Isophorone	2900		1	64.4	330	ug/Kg	11/11/25 17:33	PB170478
88-75-5	2-Nitrophenol	4200		1	110	330	ug/Kg	11/11/25 17:33	PB170478
105-67-9	2,4-Dimethylphenol	3400		1	130	330	ug/Kg	11/11/25 17:33	PB170478
111-91-1	bis(2-Chloroethoxy)methane	2900		1	60.5	330	ug/Kg	11/11/25 17:33	PB170478
120-83-2	2,4-Dichlorophenol	3300		1	55.6	330	ug/Kg	11/11/25 17:33	PB170478
91-20-3	Naphthalene	2900		1	44.6	330	ug/Kg	11/11/25 17:33	PB170478
106-47-8	4-Chloroaniline	1200		1	69.5	330	ug/Kg	11/11/25 17:33	PB170478
87-68-3	Hexachlorobutadiene	3000		1	49.7	330	ug/Kg	11/11/25 17:33	PB170478
105-60-2	Caprolactam	3300		1	100	650	ug/Kg	11/11/25 17:33	PB170478
59-50-7	4-Chloro-3-methylphenol	3300		1	56.4	330	ug/Kg	11/11/25 17:33	PB170478
91-57-6	2-Methylnaphthalene	2700		1	50.3	330	ug/Kg	11/11/25 17:33	PB170478
77-47-4	Hexachlorocyclopentadiene	9200	E	1	230	650	ug/Kg	11/11/25 17:33	PB170478
88-06-2	2,4,6-Trichlorophenol	3500		1	38.9	330	ug/Kg	11/11/25 17:33	PB170478
95-95-4	2,4,5-Trichlorophenol	3400		1	57.2	330	ug/Kg	11/11/25 17:33	PB170478
92-52-4	1,1-Biphenyl	2900		1	42.8	330	ug/Kg	11/11/25 17:33	PB170478
91-58-7	2-Chloronaphthalene	2900		1	44.2	330	ug/Kg	11/11/25 17:33	PB170478
88-74-4	2-Nitroaniline	3300		1	94.5	330	ug/Kg	11/11/25 17:33	PB170478
131-11-3	Dimethylphthalate	3000		1	53.2	330	ug/Kg	11/11/25 17:33	PB170478
208-96-8	Acenaphthylene	3400		1	56.8	330	ug/Kg	11/11/25 17:33	PB170478
606-20-2	2,6-Dinitrotoluene	3500		1	66.0	330	ug/Kg	11/11/25 17:33	PB170478
99-09-2	3-Nitroaniline	1900		1	90.3	330	ug/Kg	11/11/25 17:33	PB170478
83-32-9	Acenaphthene	3300		1	41.8	330	ug/Kg	11/11/25 17:33	PB170478
51-28-5	2,4-Dinitrophenol	7200	E	1	450	650	ug/Kg	11/11/25 17:33	PB170478
100-02-7	4-Nitrophenol	6700	E	1	210	650	ug/Kg	11/11/25 17:33	PB170478
132-64-9	Dibenzofuran	2900		1	44.6	330	ug/Kg	11/11/25 17:33	PB170478
121-14-2	2,4-Dinitrotoluene	3400		1	98.4	330	ug/Kg	11/11/25 17:33	PB170478
84-66-2	Diethylphthalate	3000		1	55.6	330	ug/Kg	11/11/25 17:33	PB170478
7005-72-3	4-Chlorophenyl-phenylether	2900		1	52.4	330	ug/Kg	11/11/25 17:33	PB170478
86-73-7	Fluorene	3000		1	49.7	330	ug/Kg	11/11/25 17:33	PB170478
100-01-6	4-Nitroaniline	3400		1	130	330	ug/Kg	11/11/25 17:33	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	4100		1	200	650	ug/Kg	11/11/25 17:33	PB170478

Raw Data: **BP026094.D**

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3MSD			SDG No.:	Q3586
Lab Sample ID:	Q3586-03MSD			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	50.9
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	3000		1	64.6	330	ug/Kg	11/11/25 17:33	PB170478
101-55-3	4-Bromophenyl-phenylether	3100		1	54.6	330	ug/Kg	11/11/25 17:33	PB170478
118-74-1	Hexachlorobenzene	3100		1	49.7	330	ug/Kg	11/11/25 17:33	PB170478
1912-24-9	Atrazine	3400		1	66.8	330	ug/Kg	11/11/25 17:33	PB170478
87-86-5	Pentachlorophenol	7100	E	1	100	650	ug/Kg	11/11/25 17:33	PB170478
85-01-8	Phenanthrene	2900		1	41.0	330	ug/Kg	11/11/25 17:33	PB170478
120-12-7	Anthracene	3000		1	65.4	330	ug/Kg	11/11/25 17:33	PB170478
86-74-8	Carbazole	3000		1	61.3	330	ug/Kg	11/11/25 17:33	PB170478
84-74-2	Di-n-butylphthalate	3200		1	94.1	330	ug/Kg	11/11/25 17:33	PB170478
206-44-0	Fluoranthene	3000		1	58.9	330	ug/Kg	11/11/25 17:33	PB170478
129-00-0	Pyrene	2900		1	70.7	330	ug/Kg	11/11/25 17:33	PB170478
85-68-7	Butylbenzylphthalate	3400		1	140	330	ug/Kg	11/11/25 17:33	PB170478
91-94-1	3,3-Dichlorobenzidine	2400		1	72.1	650	ug/Kg	11/11/25 17:33	PB170478
56-55-3	Benzo(a)anthracene	3000		1	45.2	330	ug/Kg	11/11/25 17:33	PB170478
218-01-9	Chrysene	2900		1	39.1	330	ug/Kg	11/11/25 17:33	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	3100		1	120	330	ug/Kg	11/11/25 17:33	PB170478
117-84-0	Di-n-octyl phthalate	3900		1	170	650	ug/Kg	11/11/25 17:33	PB170478
205-99-2	Benzo(b)fluoranthene	3000		1	37.3	330	ug/Kg	11/11/25 17:33	PB170478
207-08-9	Benzo(k)fluoranthene	2900		1	44.0	330	ug/Kg	11/11/25 17:33	PB170478
50-32-8	Benzo(a)pyrene	3100		1	57.9	330	ug/Kg	11/11/25 17:33	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	3100		1	57.2	330	ug/Kg	11/11/25 17:33	PB170478
53-70-3	Dibenzo(a,h)anthracene	3100		1	53.8	330	ug/Kg	11/11/25 17:33	PB170478
191-24-2	Benzo(g,h,i)perylene	3200		1	50.5	330	ug/Kg	11/11/25 17:33	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	2900		1	50.3	330	ug/Kg	11/11/25 17:33	PB170478
123-91-1	1,4-Dioxane	2500		1	88.8	330	ug/Kg	11/11/25 17:33	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	3800		1	53.8	330	ug/Kg	11/11/25 17:33	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	105			30 (10) - 130 (105)	70%	SPK: 150		
13127-88-3	Phenol-d6	106			30 (10) - 130 (103)	71%	SPK: 150		
4165-60-0	Nitrobenzene-d5	68.1			30 (10) - 130 (108)	68%	SPK: 100		
321-60-8	2-Fluorobiphenyl	61.7			30 (10) - 130 (108)	62%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	119			30 (10) - 130 (116)	79%	SPK: 150		
1718-51-0	Terphenyl-d14	62.3			30 (10) - 130 (109)	62%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	271000							
1146-65-2	Naphthalene-d8	1120000							
15067-26-2	Acenaphthene-d10	711000							
1517-22-2	Phenanthrene-d10	1440000							
1719-03-5	Chrysene-d12	1560000							
1520-96-3	Perylene-d12	1930000							

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3MSD			SDG No.:	Q3586
Lab Sample ID:	Q3586-03MSD			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	50.9
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

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

Sample Results: **BP026094.D**

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026094.D
Acq On    : 11 Nov 2025  17:33
Operator  : RC/JU
Sample    : Q3586-03MSD
Misc      :
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Nov 12 01:45:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration
```

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	270854	20.000	ng	-0.02
21) Naphthalene-d8	10.443	136	1115775	20.000	ng	-0.01
39) Acenaphthene-d10	14.319	164	711326	20.000	ng	0.00
64) Phenanthrene-d10	17.130	188	1435440	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1558558	20.000	ng	0.02
86) Perylene-d12	24.918	264	1925500	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1717502	104.634	ng	0.00
7) Phenol-d6	6.854	99	2209997	105.780	ng	0.00
23) Nitrobenzene-d5	8.819	82	1219040	68.109	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	911398	118.515	ng	0.01
45) 2-Fluorobiphenyl	12.925	172	3055922	61.732	ng	0.00
79) Terphenyl-d14	19.871	244	4779744	62.307	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	261509	37.791	ng	97
3) Pyridine	3.613	79	725391	36.876	ng	97
4) n-Nitrosodimethylamine	3.525	42	341300	43.290	ng	90
6) Aniline	7.007	93	925919	33.207	ng	98
8) 2-Chlorophenol	7.249	128	922742	50.766	ng	96
9) Benzaldehyde	6.819	77	442961	40.786	ng	98
10) Phenol	6.878	94	1128889	48.671	ng	99
11) bis(2-Chloroethyl)ether	7.102	93	806435	44.057	ng	99
12) 1,3-Dichlorobenzene	7.572	146	946954	45.365	ng	98
13) 1,4-Dichlorobenzene	7.707	146	967002	45.818	ng	100
14) 1,2-Dichlorobenzene	8.019	146	934651	46.409	ng	100
15) Benzyl Alcohol	7.907	79	738501	49.032	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.207	45	1115064	40.307	ng	96
17) 2-Methylphenol	8.107	107	747464	49.214	ng	99
18) Hexachloroethane	8.743	117	338138	46.821	ng	100
19) n-Nitroso-di-n-propyla...	8.472	70	601399	46.372	ng	96
20) 3+4-Methylphenols	8.437	107	1031032	48.797	ng	99
22) Acetophenone	8.484	105	1282469	45.448	ng	97
24) Nitrobenzene	8.860	77	882581	46.703	ng	98
25) Isophorone	9.378	82	1708588	44.599	ng	100
26) 2-Nitrophenol	9.560	139	453068	64.179	ng	97
27) 2,4-Dimethylphenol	9.631	122	844212	52.403	ng	99
28) bis(2-Chloroethoxy)met...	9.860	93	1074718	44.514	ng	99
29) 2,4-Dichlorophenol	10.090	162	860362	50.580	ng	99
30) 1,2,4-Trichlorobenzene	10.313	180	876028	47.383	ng	97
31) Naphthalene	10.495	128	2691629	44.237	ng	100
32) Benzoic acid	9.748	122	676396	62.530	ng	96
33) 4-Chloroaniline	10.595	127	414754	17.739	ng	99
34) Hexachlorobutadiene	10.784	225	530487	45.152	ng	99
35) Caprolactam	11.366	113	298250m	49.930	ng	
36) 4-Chloro-3-methylphenol	11.731	107	886927	49.739	ng	96
37) 2-Methylnaphthalene	12.113	142	1742690	40.922	ng	99
38) 1-Methylnaphthalene	12.337	142	1788990	43.241	ng	99
40) 1,2,4,5-Tetrachloroben...	12.484	216	987579	44.683	ng	99
41) Hexachlorocyclopentadiene	12.472	237	1140129	140.990	ng	98
43) 2,4,6-Trichlorophenol	12.731	196	703674	53.864	ng	99

Sample Results: **BP026094.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026094.D
Acq On : 11 Nov 2025 17:33
Operator : RC/JU
Sample : Q3586-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Quant Time: Nov 12 01:45:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	776825	52.112	ng		98
46) 1,1'-Biphenyl	13.137	154	2440513	44.807	ng		99
47) 2-Chloronaphthalene	13.178	162	1896905	44.264	ng		98
48) 2-Nitroaniline	13.378	65	551553	49.890	ng		96
49) Acenaphthylene	14.031	152	3264189	52.261	ng		100
50) Dimethylphthalate	13.778	163	2394255	46.274	ng		100
51) 2,6-Dinitrotoluene	13.878	165	518105	53.280	ng		96
52) Acenaphthene	14.389	154	2141197	49.936	ng		99
53) 3-Nitroaniline	14.207	138	322608	28.793	ng	#	98
54) 2,4-Dinitrophenol	14.425	184	582738	109.954	ng		95
55) Dibenzofuran	14.731	168	2888133	44.581	ng		100
56) 4-Nitrophenol	14.531	139	1063004	103.031	ng		97
57) 2,4-Dinitrotoluene	14.678	165	746671	52.315	ng		95
58) Fluorene	15.389	166	2336182	46.029	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	680080	58.025	ng		98
60) Diethylphthalate	15.178	149	2412363	46.377	ng		99
61) 4-Chlorophenyl-phenyle...	15.389	204	1129798	44.575	ng		99
62) 4-Nitroaniline	15.401	138	575520	52.053	ng		96
63) Azobenzene	15.689	77	2243220	47.584	ng		96
65) 4,6-Dinitro-2-methylph...	15.466	198	392233	61.923	ng		91
66) n-Nitrosodiphenylamine	15.601	169	2087730	46.517	ng		100
67) 4-Bromophenyl-phenylether	16.307	248	747705	46.958	ng		97
68) Hexachlorobenzene	16.425	284	850021	46.895	ng		98
69) Atrazine	16.595	200	779928	51.514	ng		98
70) Pentachlorophenol	16.772	266	1199329	108.323	ng		99
71) Phenanthrene	17.177	178	3738298	44.743	ng		100
72) Anthracene	17.272	178	3835185	46.308	ng		100
73) Carbazole	17.548	167	3606555	46.004	ng		100
74) Di-n-butylphthalate	18.154	149	4293156	48.940	ng		100
75) Fluoranthene	19.271	202	4500587	46.178	ng		99
77) Benzidine	19.460	184	2562154	64.766	ng		99
78) Pyrene	19.648	202	4613557	43.767	ng		99
80) Butylbenzylphthalate	20.618	149	2046991	51.728	ng		96
81) Benzo(a)anthracene	21.565	228	4914004	45.882	ng		100
82) 3,3'-Dichlorobenzidine	21.483	252	1244227	36.057	ng		100
83) Chrysene	21.630	228	4558967	44.937	ng		100
84) Bis(2-ethylhexyl)phtha...	21.530	149	3019336	48.065	ng		98
85) Di-n-octyl phthalate	22.818	149	5570128	60.037	ng		97
87) Indeno(1,2,3-cd)pyrene	28.712	276	6728862m	47.335	ng		
88) Benzo(b)fluoranthene	23.865	252	5395561	45.138	ng		100
89) Benzo(k)fluoranthene	23.936	252	5338585	43.736	ng		99
90) Benzo(a)pyrene	24.765	252	5253292	47.837	ng		99
91) Dibenzo(a,h)anthracene	28.800	278	5505218	47.589	ng		99
92) Benzo(g,h,i)perylene	29.877	276	5403461	48.540	ng		98

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

Sample Results: **BP026094.D**

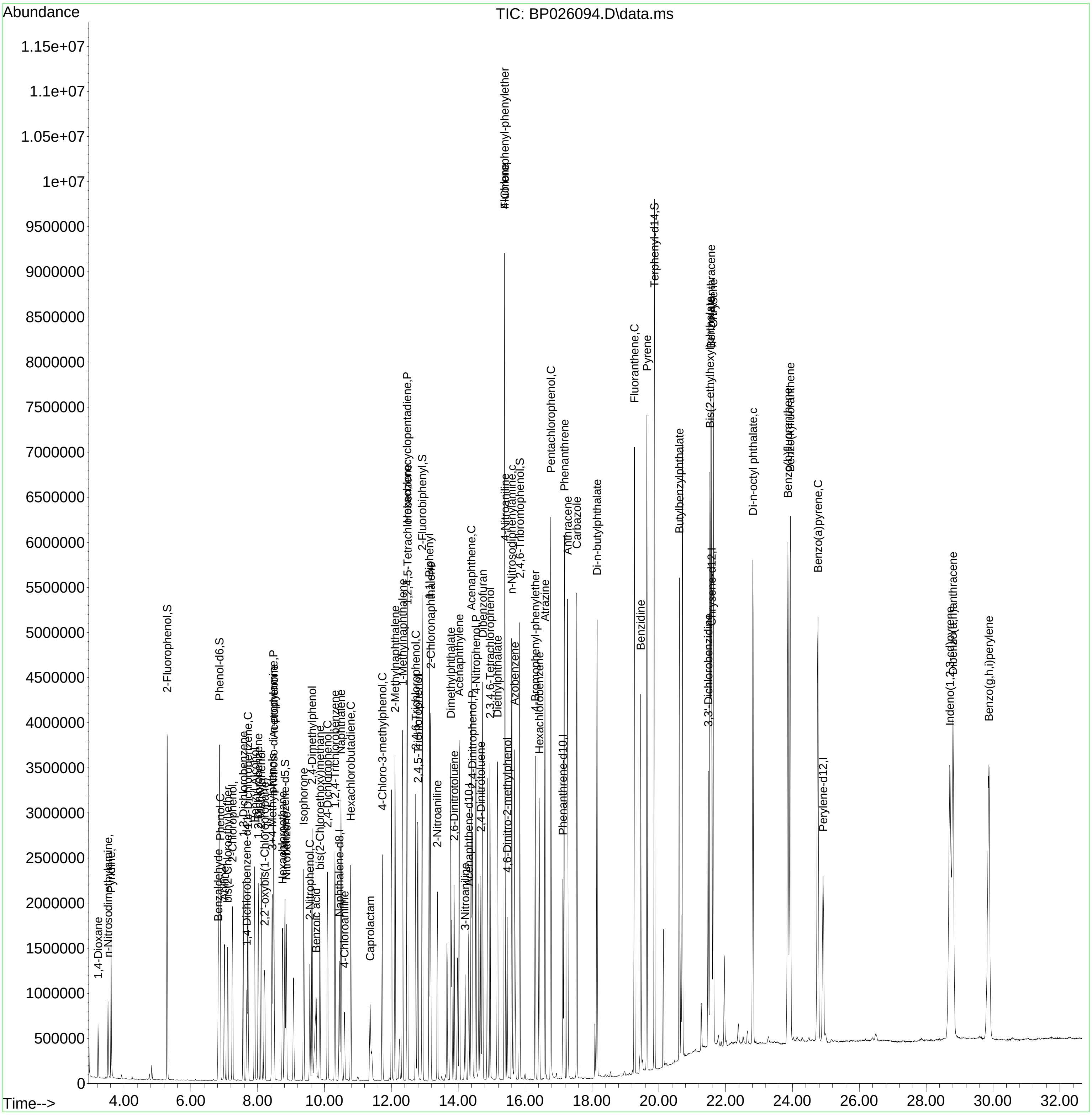
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026094.D
Acq On    : 11 Nov 2025  17:33
Operator  : RC/JU
Sample    : Q3586-03MSD
Misc      :
ALS Vial  : 6   Sample Multiplier: 1

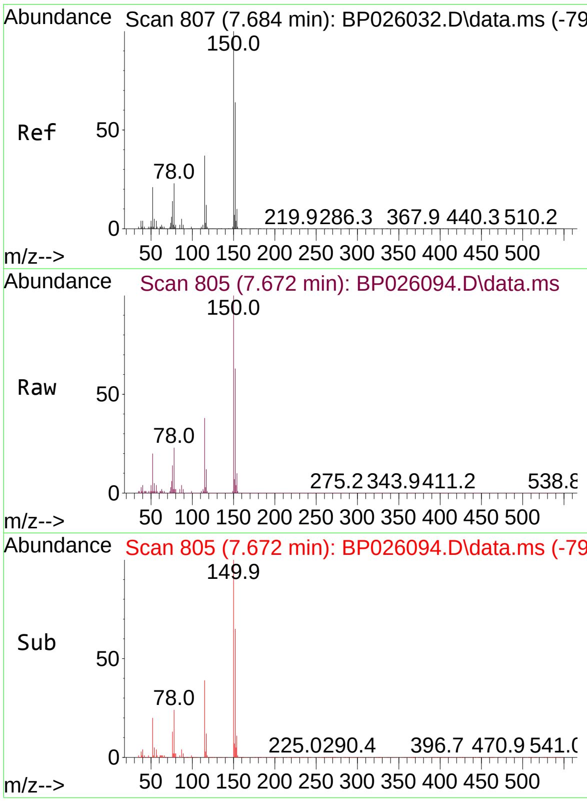
Quant Time: Nov 12 01:45:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration
```

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli   11/12/2025
Supervised By :Jagrut Upadhyay   11/12/2025

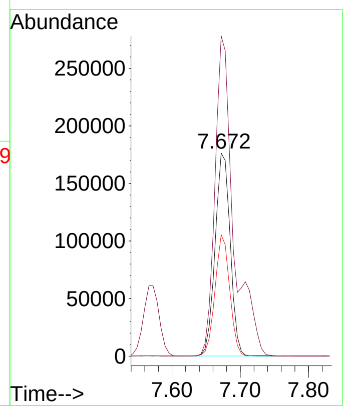




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

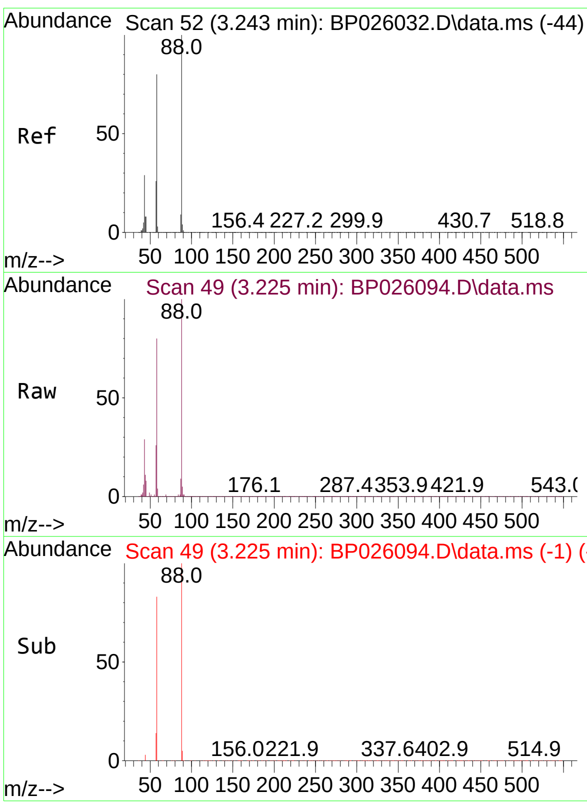
Tgt Ion:152 Resp: 27085

Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.7	188.5
115	59.8	46.4	69.6



Instrument :
BNA_P
ClientSampleId :
SED-3MSD

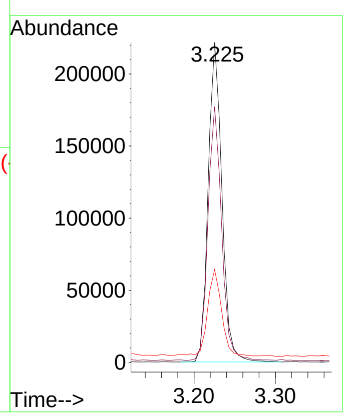
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#2
1,4-Dioxane
Concen: 37.791 ng
RT: 3.225 min Scan# 49
Delta R.T. -0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion: 88 Resp: 261509

Ion	Ratio	Lower	Upper
88	100		
58	78.9	65.4	98.0
43	27.5	23.1	34.7



Instrument :
BNA_P
ClientSampleId :
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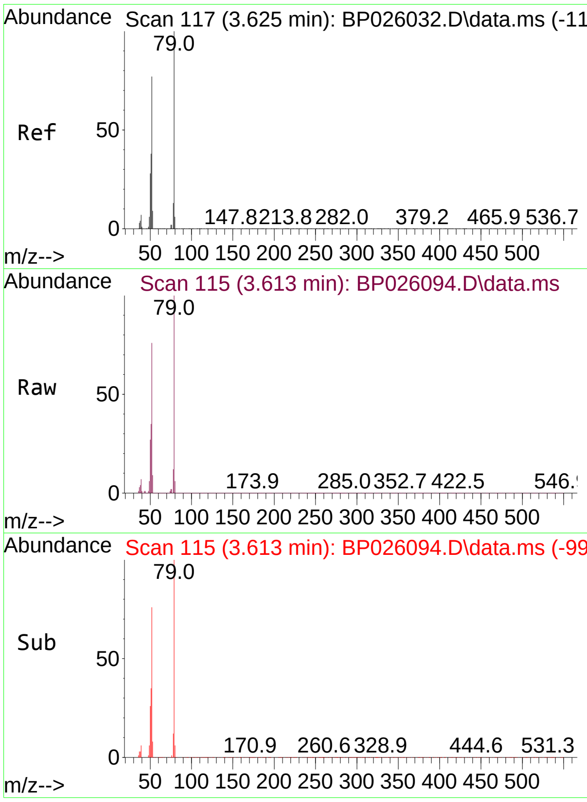
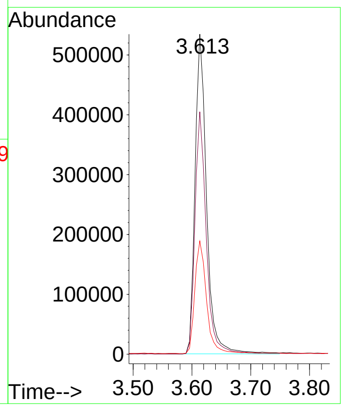
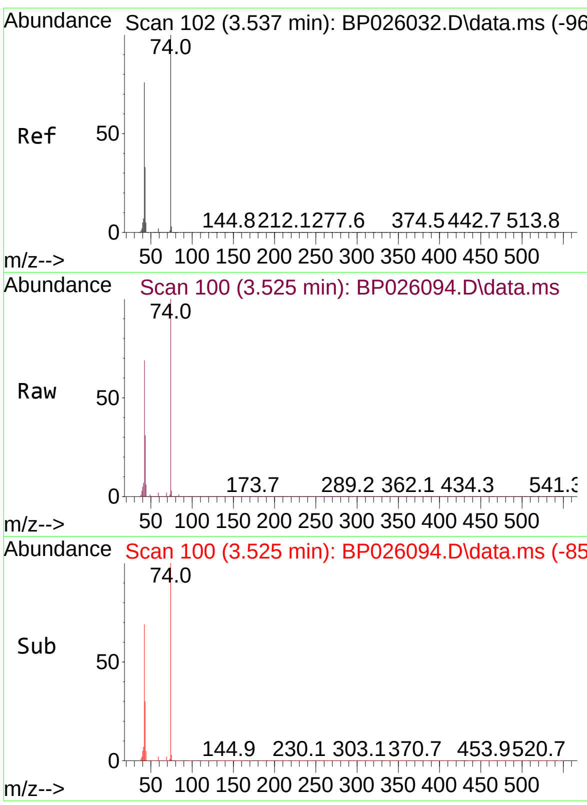


#3
Pyridine
Concen: 36.876 ng
RT: 3.613 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion: 79 Resp: 725391

Ion	Ratio	Lower	Upper
79	100		
52	75.7	62.0	93.0
51	35.3	30.6	46.0

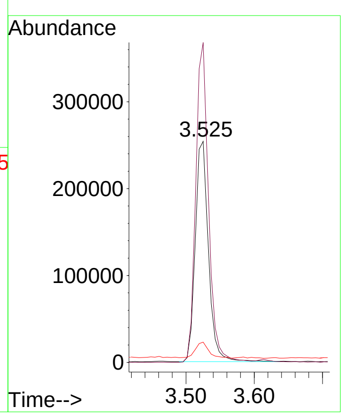




#4
n-Nitrosodimethylamine
Concen: 43.290 ng
RT: 3.525 min Scan# 100
Delta R.T. -0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion: 42 Resp: 341300

Ion	Ratio	Lower	Upper
42	100		
74	144.8	105.7	158.5
44	9.2	6.6	9.8



Instrument :
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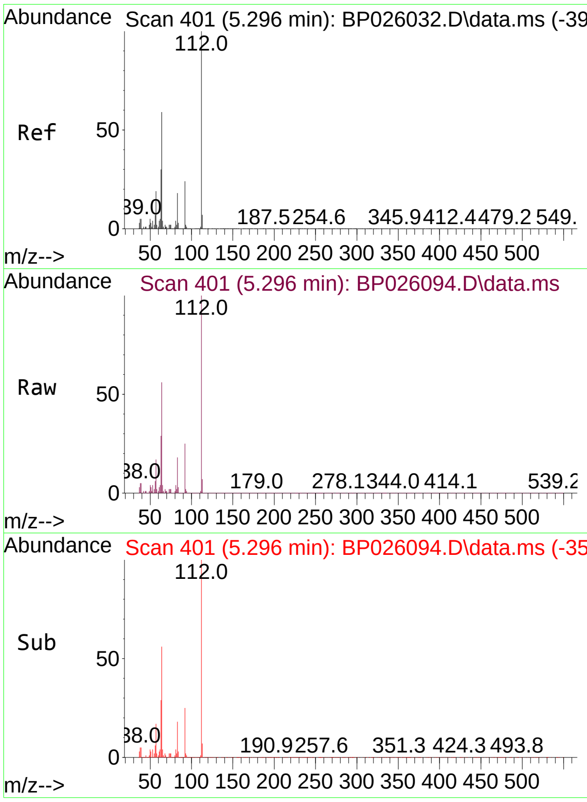
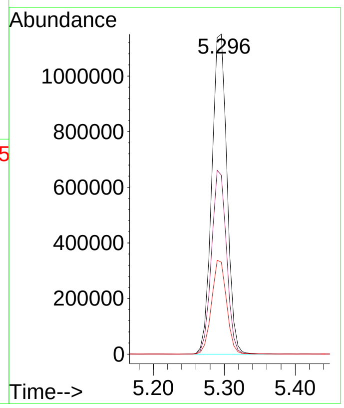
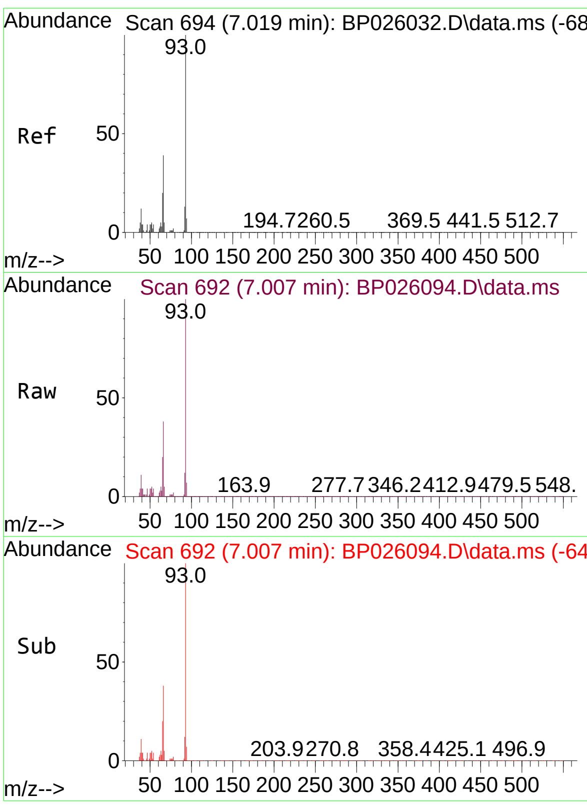


#5
2-Fluorophenol
Concen: 104.634 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:112 Resp: 1717502

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.4	71.2
63	28.7	24.2	36.4

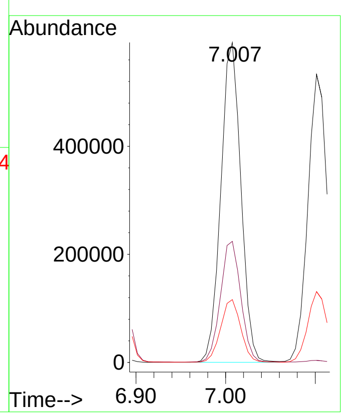




#6
Aniline
Concen: 33.207 ng
RT: 7.007 min Scan# 692
Delta R.T. -0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion: 93 Resp: 925919

Ion	Ratio	Lower	Upper
93	100		
66	37.8	31.2	46.8
65	19.6	16.1	24.1



Instrument :
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ClientSampleId :
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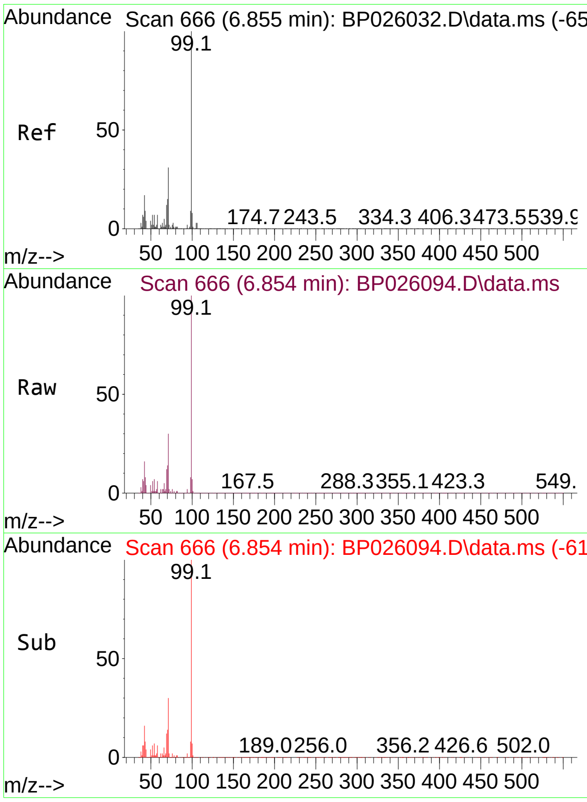
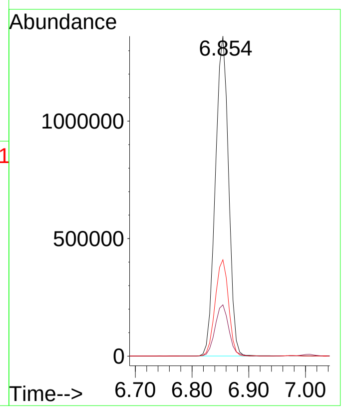
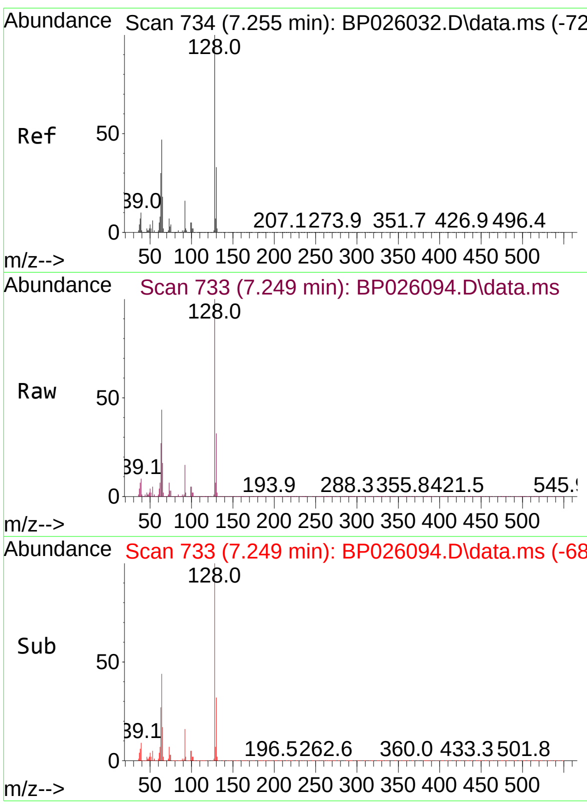


#7
Phenol-d6
Concen: 105.780 ng
RT: 6.854 min Scan# 66
Delta R.T. 0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion: 99 Resp: 220999

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.7	20.5
71	30.1	24.4	36.6

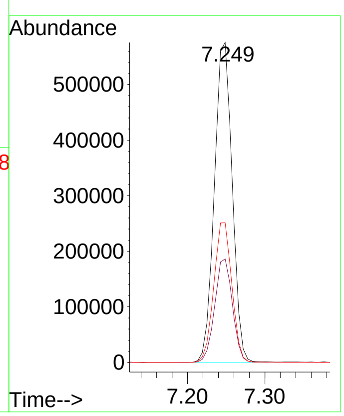




#8
2-Chlorophenol
Concen: 50.766 ng
RT: 7.249 min Scan# 733
Delta R.T. -0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:128 Resp: 922742

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.7	52.7
64	43.6	27.4	67.4



Sample Results: **BP026094.D**

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

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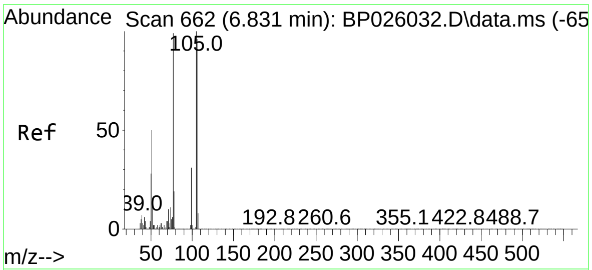
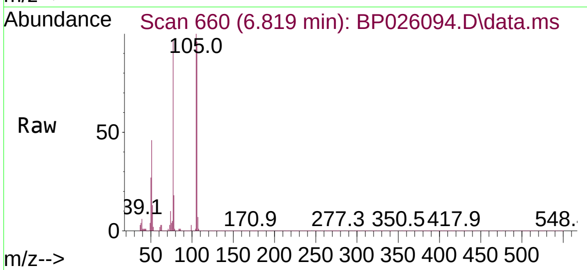
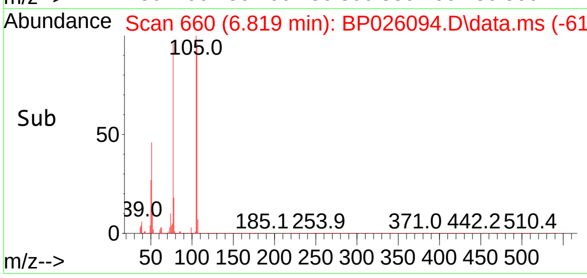


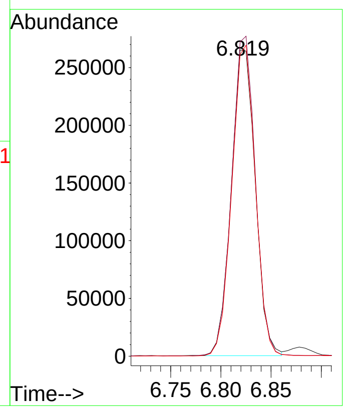


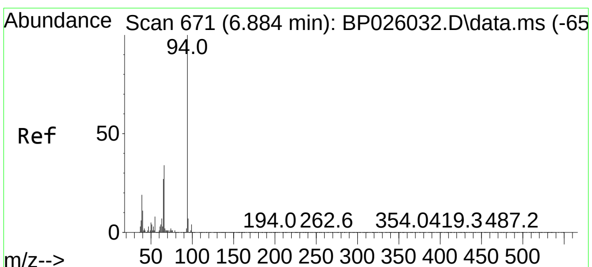


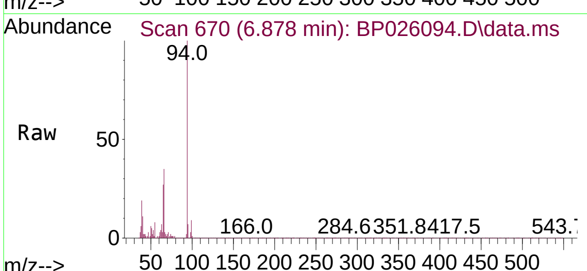
#9
Benzaldehyde
Concen: 40.786 ng
RT: 6.819 min Scan# 66
Delta R.T. -0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

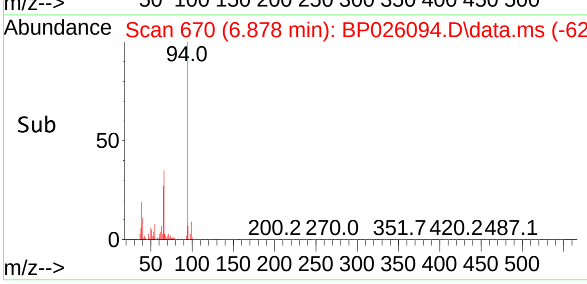
Tgt Ion: 77 Resp: 44296

Ion	Ratio	Lower	Upper
77	100		
105	102.6	80.7	120.7
106	98.5	76.5	116.5





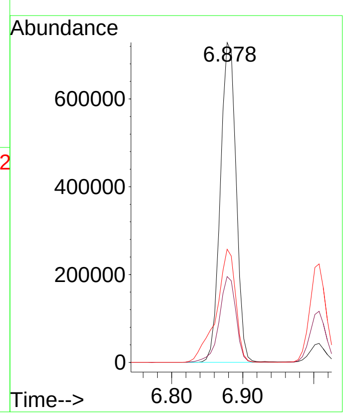


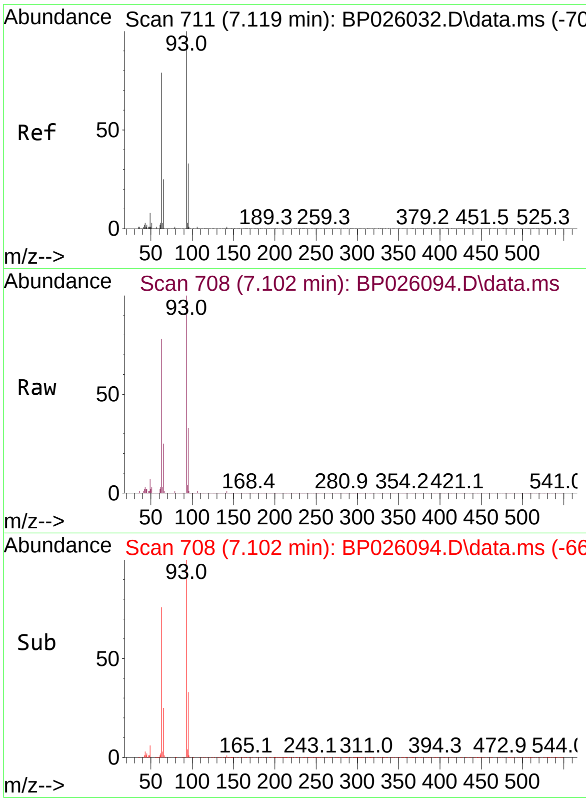


#10
Phenol
Concen: 48.671 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion: 94 Resp: 1128889

Ion	Ratio	Lower	Upper
94	100		
65	26.8	7.1	47.1
66	35.4	14.4	54.4

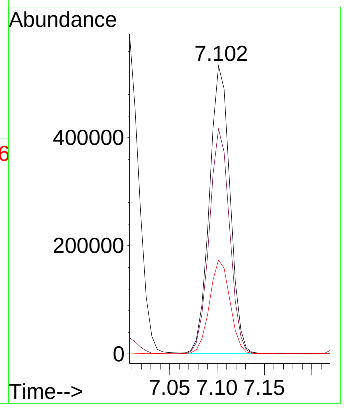




#11
bis(2-Chloroethyl)ether
Concen: 44.057 ng
RT: 7.102 min Scan# 7(
Delta R.T. -0.018 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion: 93 Resp: 80643

Ion	Ratio	Lower	Upper
93	100		
63	78.1	59.1	99.1
95	32.6	12.6	52.6



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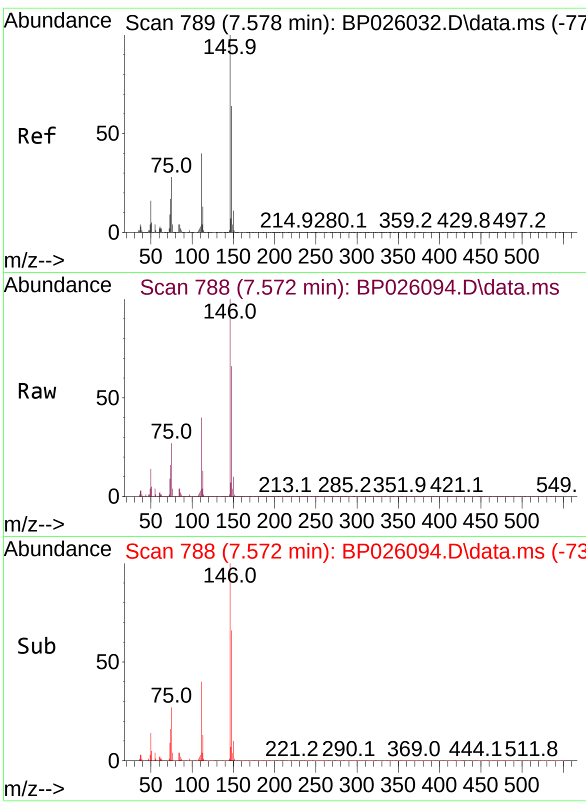
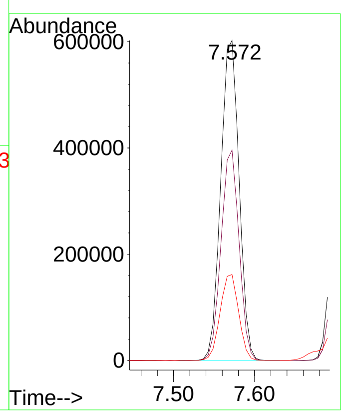
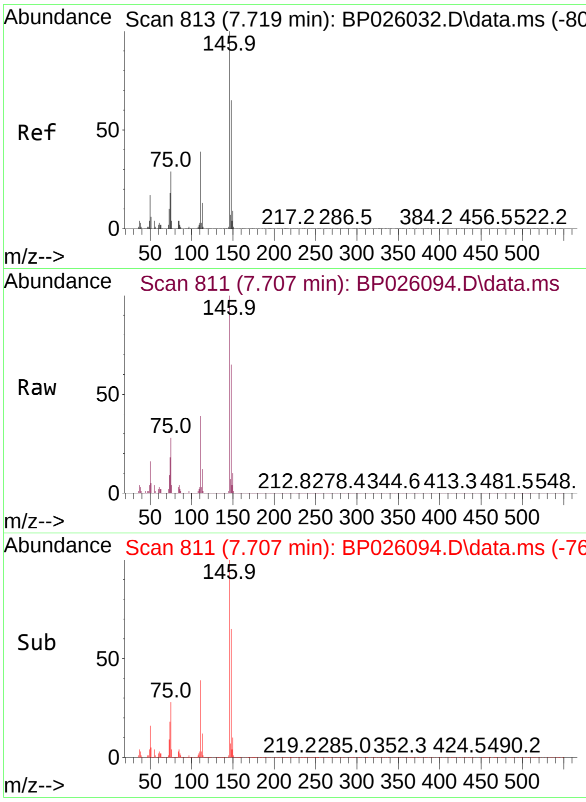


#12
1,3-Dichlorobenzene
Concen: 45.365 ng
RT: 7.572 min Scan# 788
Delta R.T. -0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:146 Resp: 946954

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.6	77.4
75	26.8	22.6	33.8

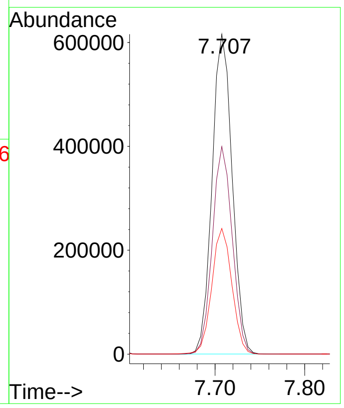




#13
1,4-Dichlorobenzene
Concen: 45.818 ng
RT: 7.707 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:146 Resp: 96700

Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	39.3	31.3	46.9



Instrument :
BNA_P
ClientSampleId :
SED-3MSD

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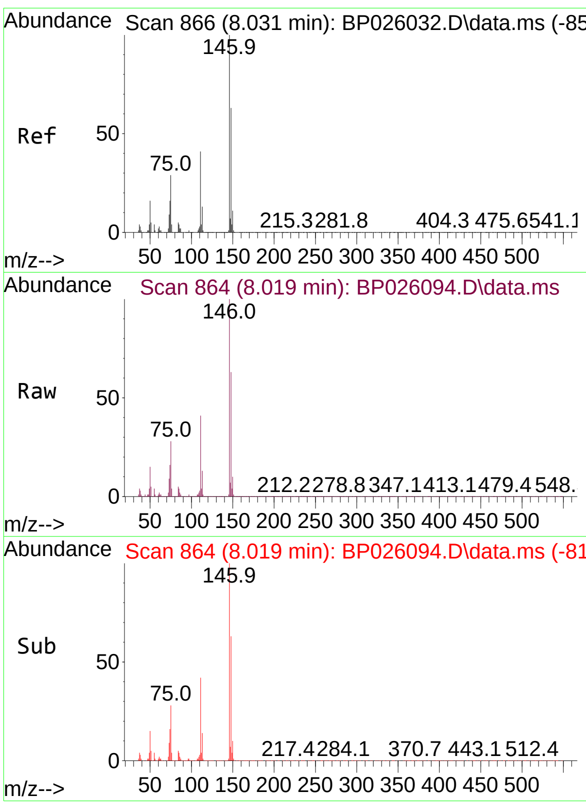
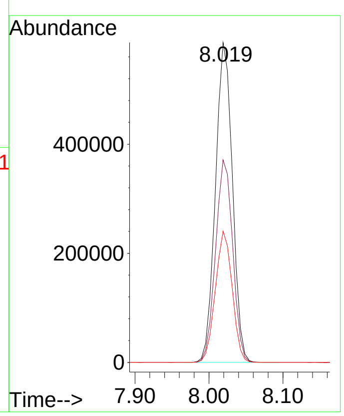
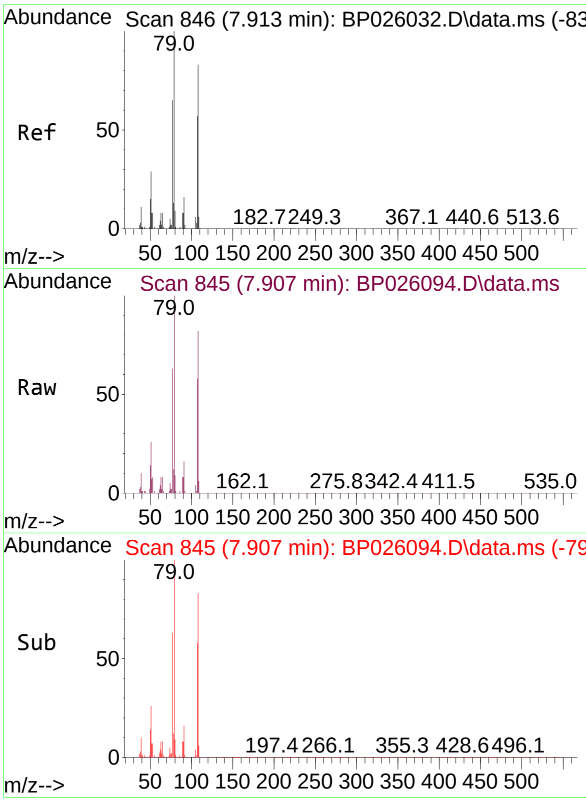


#14
1,2-Dichlorobenzene
Concen: 46.409 ng
RT: 8.019 min Scan# 864
Delta R.T. -0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:146 Resp: 934651

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	41.0	33.0	49.4





#15
Benzyl Alcohol
Concen: 49.032 ng
RT: 7.907 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Tgt Ion: 79 Resp: 73850

Ion	Ratio	Lower	Upper
79	100		
108	82.4	66.0	99.0
77	62.6	52.3	78.5

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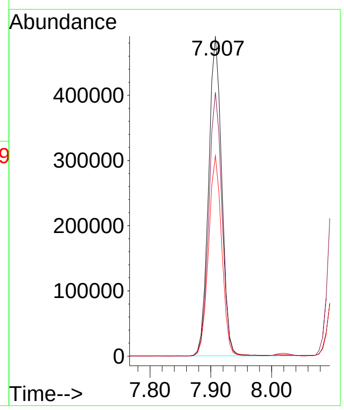
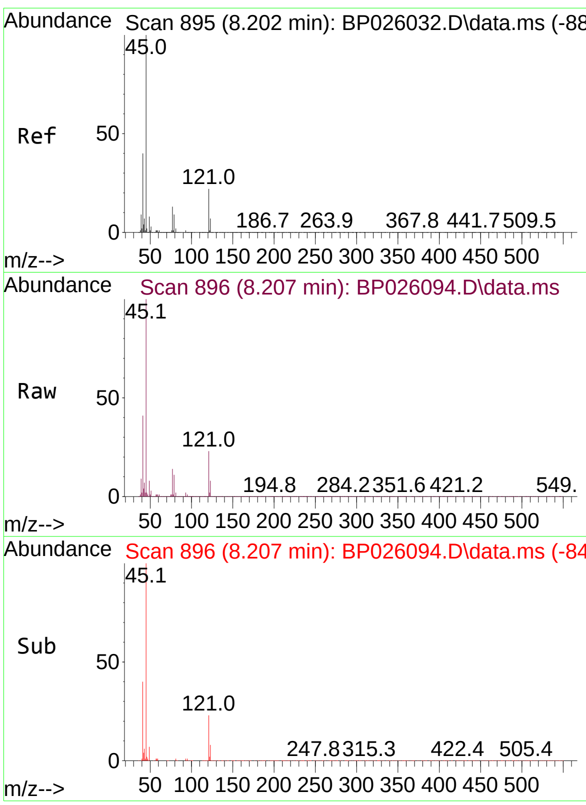
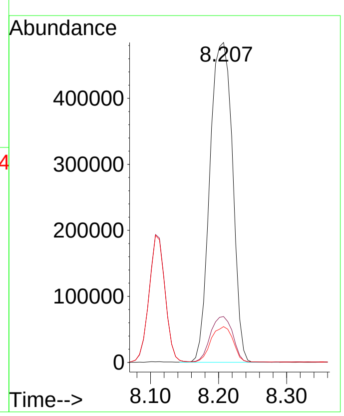




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.307 ng
RT: 8.207 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion: 45 Resp: 1115064

Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.2
79	11.2	0.0	29.5



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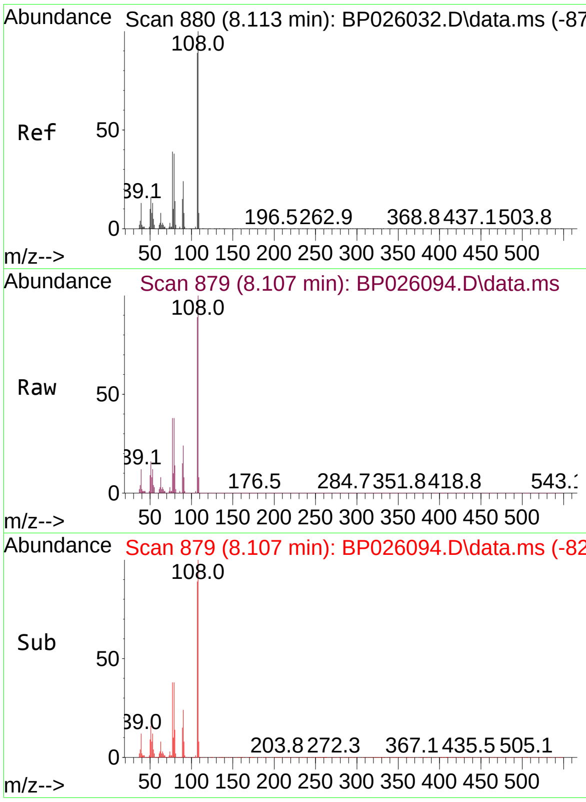
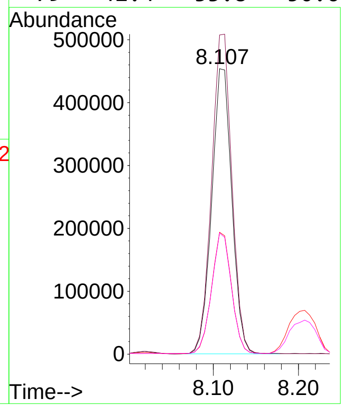
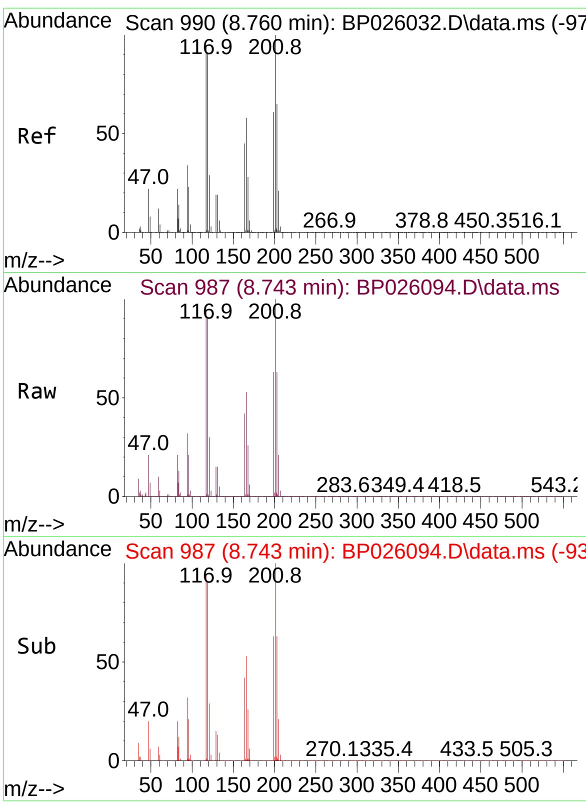


#17
2-Methylphenol
Concen: 49.214 ng
RT: 8.107 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:107 Resp: 747464

Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.8	134.8
77	42.7	34.8	52.2
79	42.4	33.8	50.6

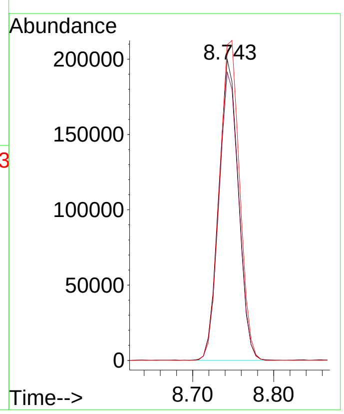




#18
Hexachloroethane
Concen: 46.821 ng
RT: 8.743 min Scan# 987
Delta R.T. -0.018 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:117 Resp: 338138

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.5	114.7
201	104.9	84.2	126.4



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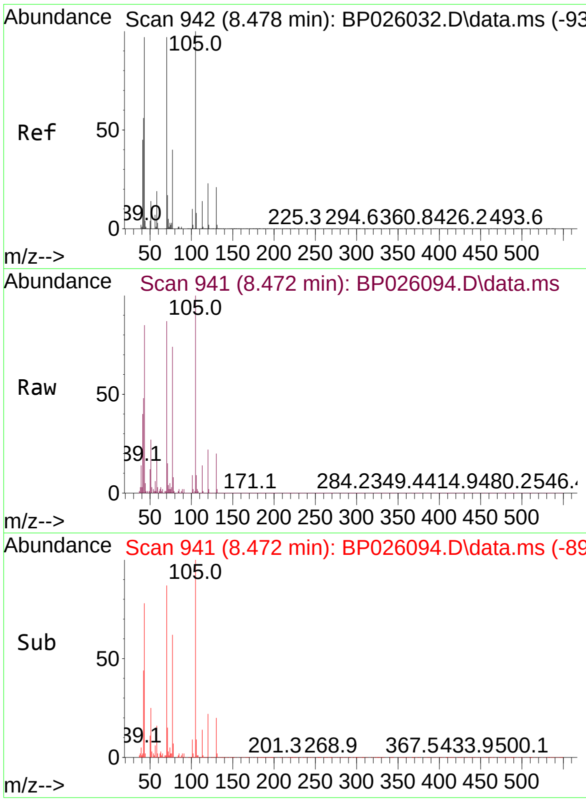
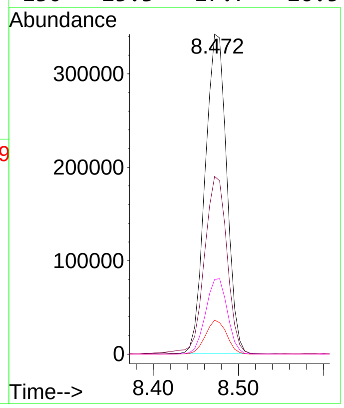
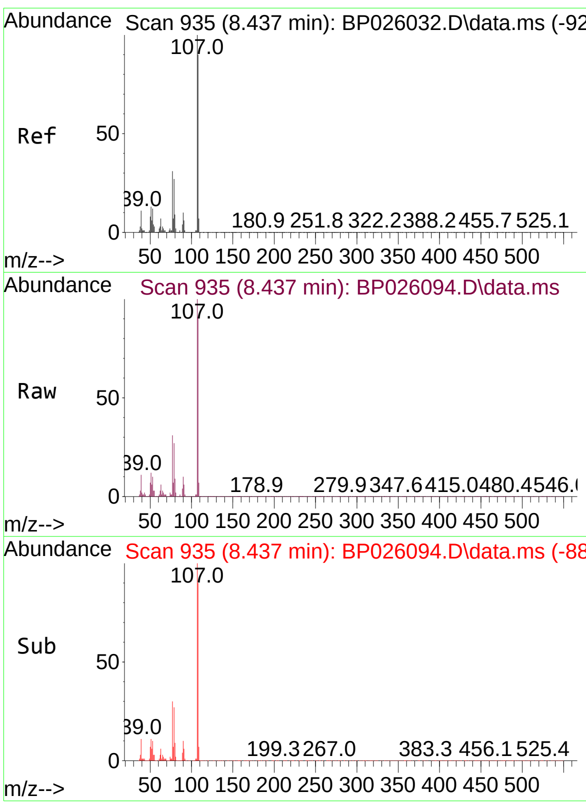


#19
n-Nitroso-di-n-propylamine
Concen: 46.372 ng
RT: 8.472 min Scan# 94
Delta R.T. -0.018 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion: 70 Resp: 601399

Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.2	70.8
101	10.6	8.2	12.2
130	23.3	17.7	26.5

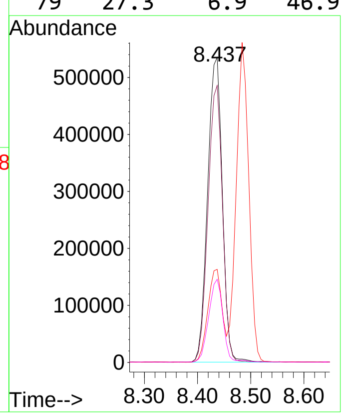


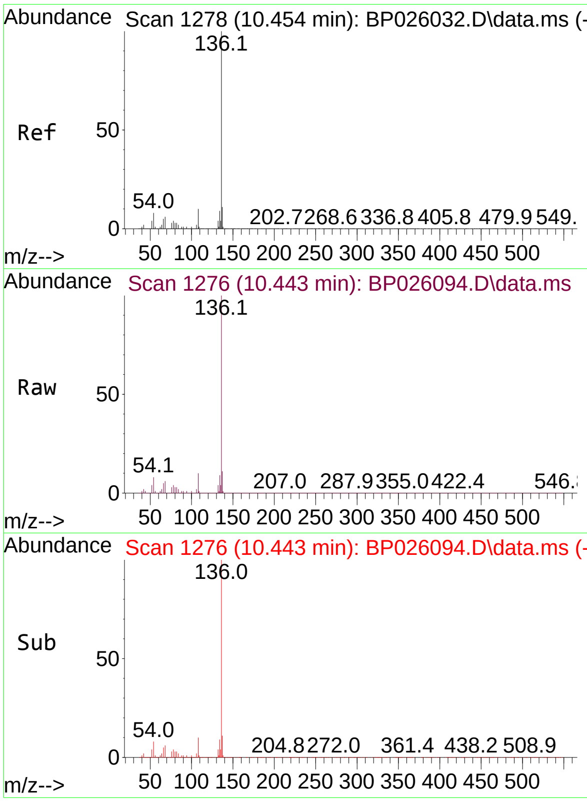


#20
3+4-Methylphenols
Concen: 48.797 ng
RT: 8.437 min Scan# 935
Delta R.T. -0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:107 Resp: 1031032

Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.1	110.1
77	30.5	10.7	50.7
79	27.3	6.9	46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Tgt Ion:136 Resp: 111577

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	6.6	10.0
68	6.1	4.7	7.1

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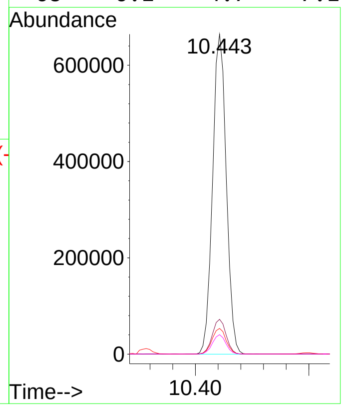
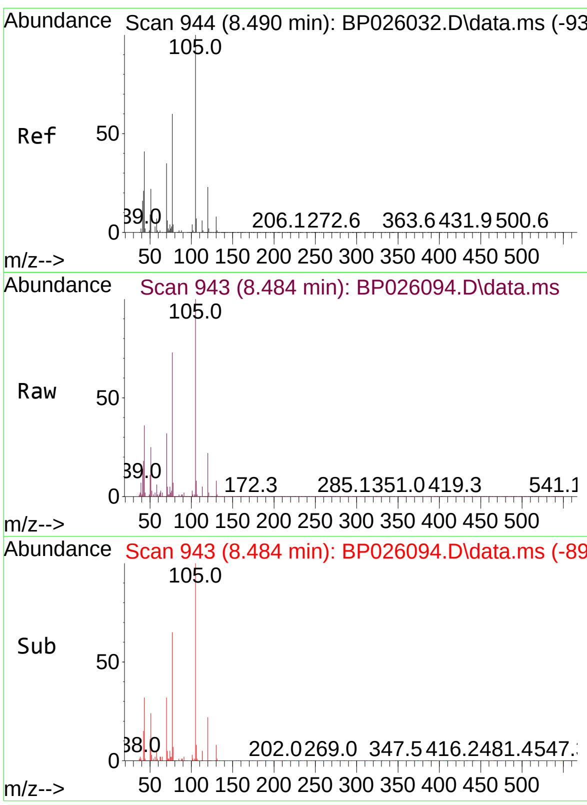
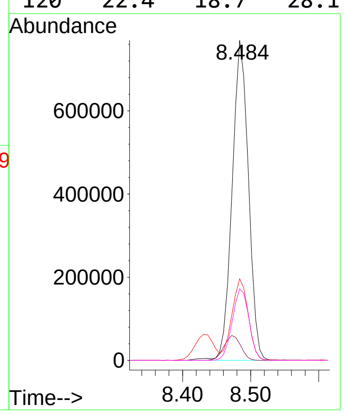


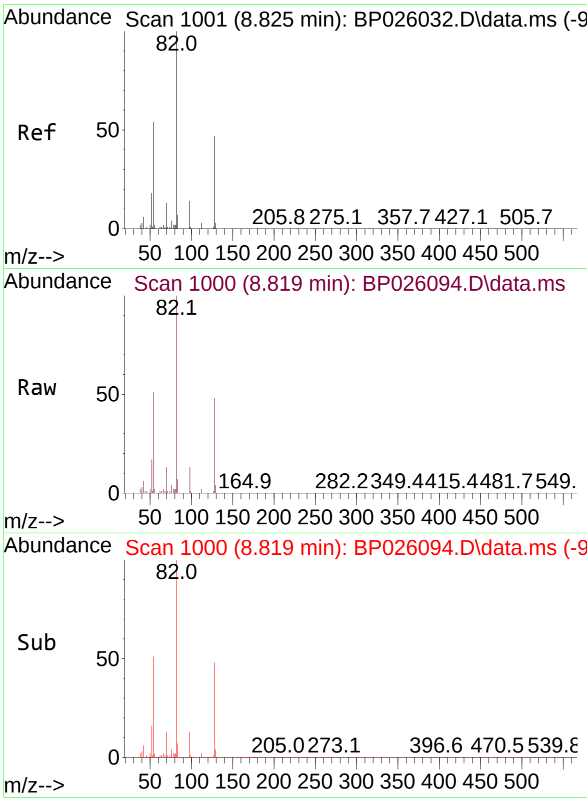


#22
Acetophenone
Concen: 45.448 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:105 Resp: 1282469

Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.7	7.1
51	25.5	21.8	32.8
120	22.4	18.7	28.1





#23
Nitrobenzene-d5
Concen: 68.109 ng
RT: 8.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion: 82 Resp: 121904

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.4	56.0
54	51.3	42.7	64.1

Instrument :
BNA_P
ClientSampleId :
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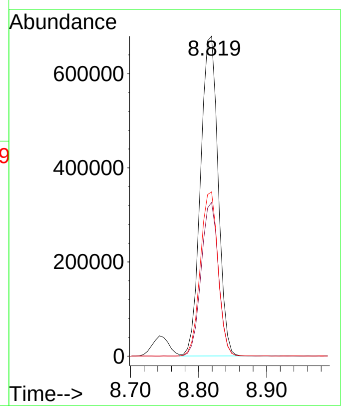
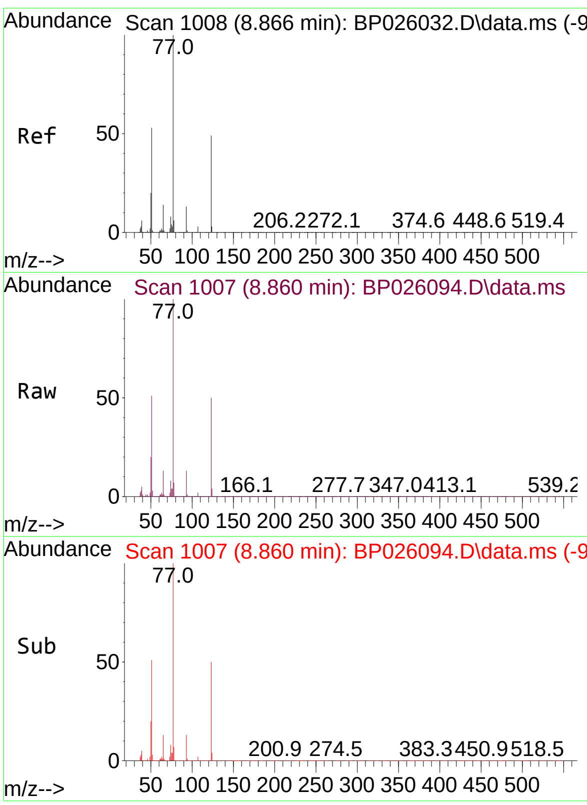
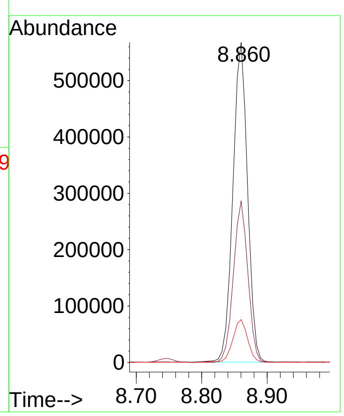


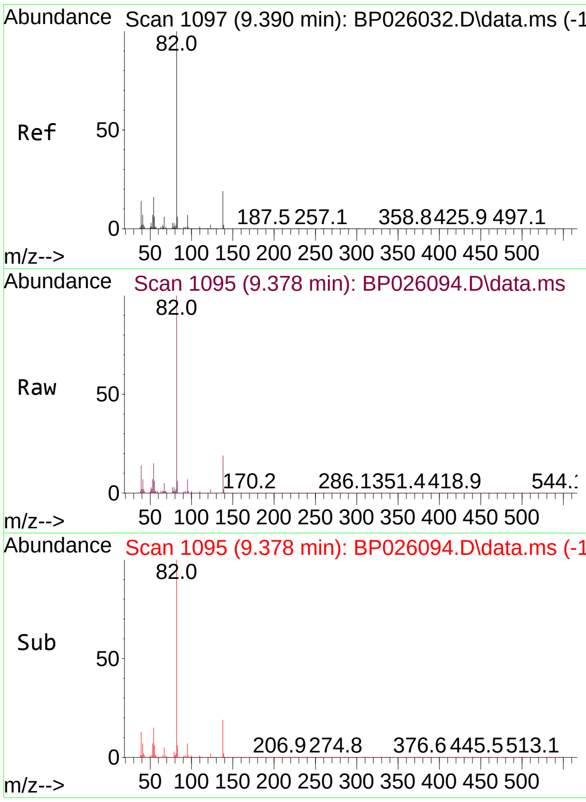


#24
Nitrobenzene
Concen: 46.703 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion: 77 Resp: 882581

Ion	Ratio	Lower	Upper
77	100		
123	50.3	39.0	58.4
65	13.4	10.9	16.3

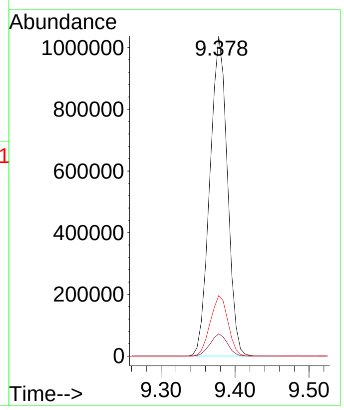




#25
Isophorone
Concen: 44.599 ng
RT: 9.378 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion: 82 Resp: 170858

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	18.9	15.0	22.6



Instrument :
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ClientSampleId :
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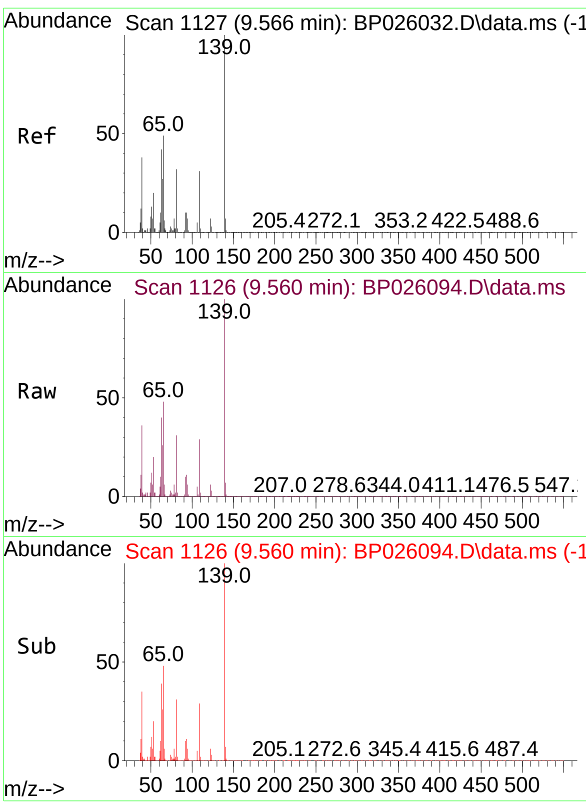
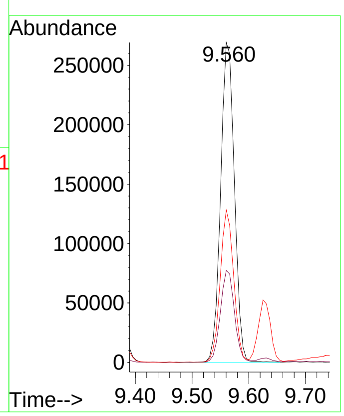


#26
2-Nitrophenol
Concen: 64.179 ng
RT: 9.560 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:139 Resp: 453068

Ion	Ratio	Lower	Upper
139	100		
109	28.7	24.8	37.2
65	47.6	39.0	58.4



Instrument :
BNA_P
ClientSampleId :
SED-3MSD

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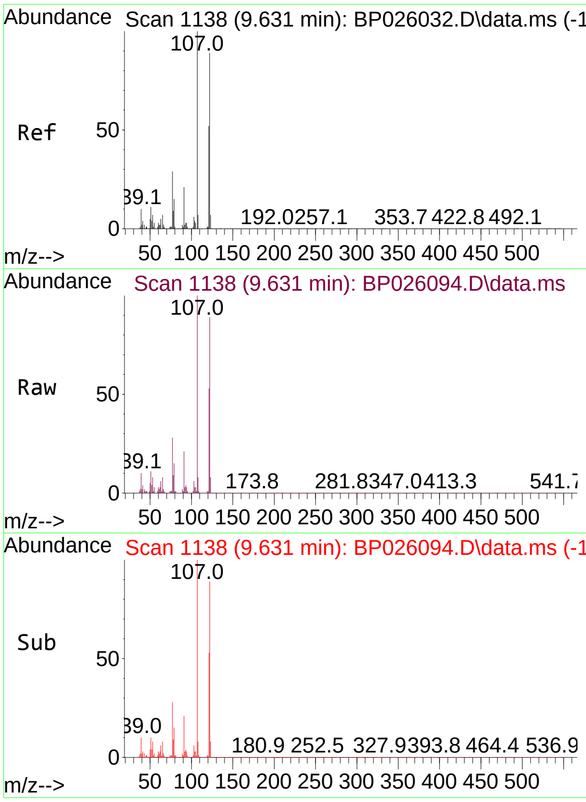
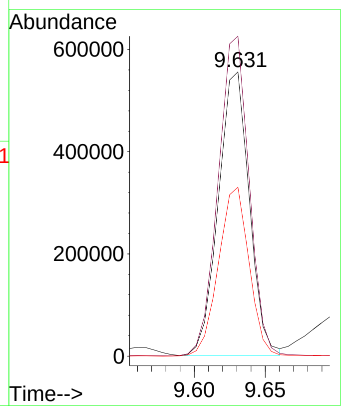
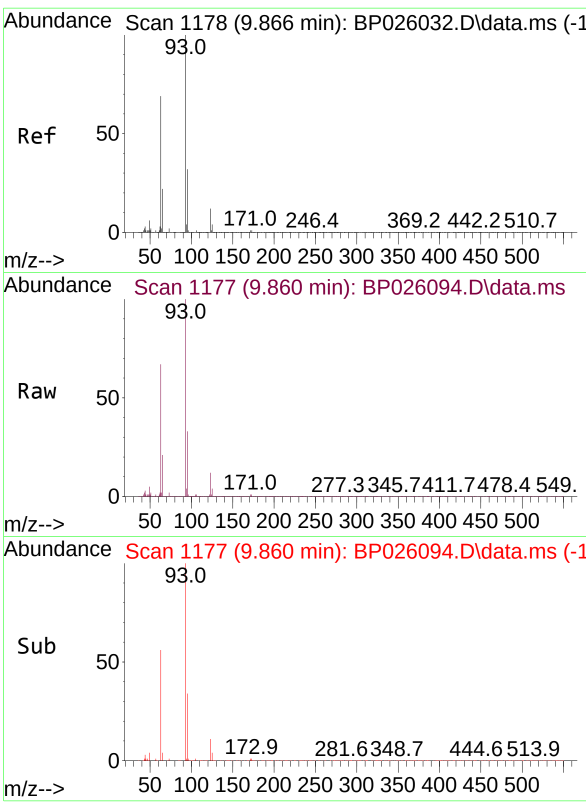


#27
2,4-Dimethylphenol
Concen: 52.403 ng
RT: 9.631 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:122 Resp: 844211

Ion	Ratio	Lower	Upper
122	100		
107	112.6	89.2	133.8
121	59.4	46.3	69.5

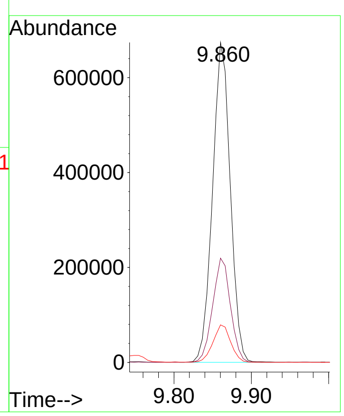


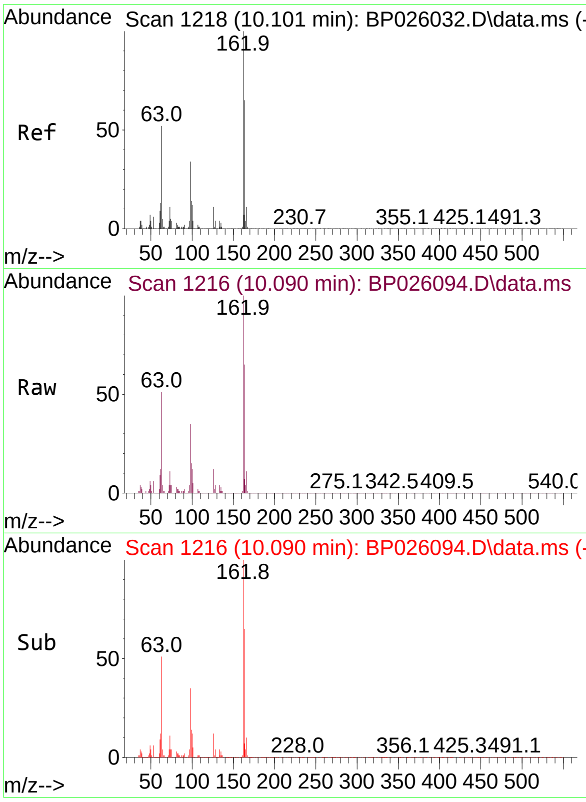


#28
bis(2-Chloroethoxy)methane
Concen: 44.514 ng
RT: 9.860 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion: 93 Resp: 1074718

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.6
123	11.7	9.3	13.9





#29
2,4-Dichlorophenol
Concen: 50.580 ng
RT: 10.090 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Tgt Ion:162 Resp: 86036

Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	34.9	14.0	54.0

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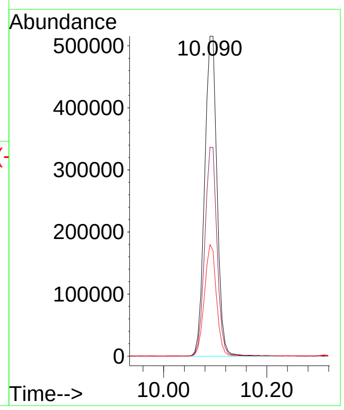
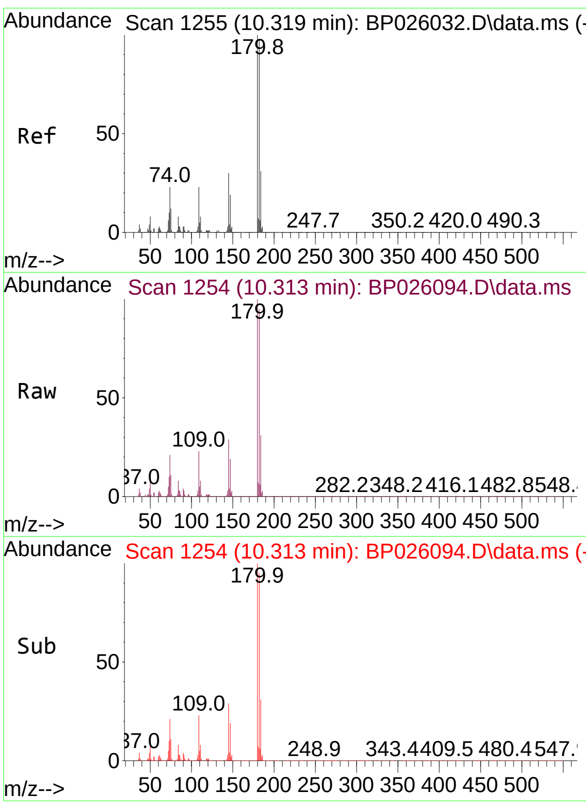
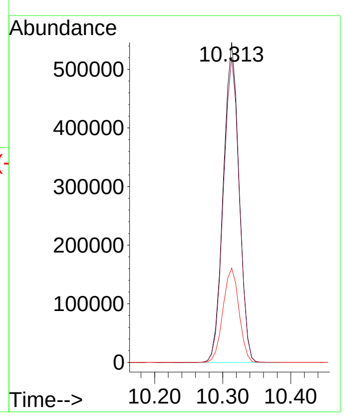


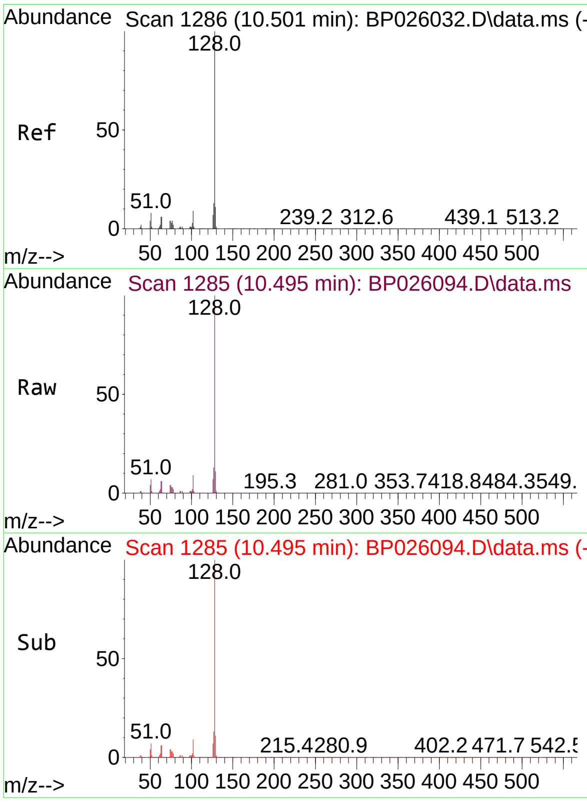


#30
1,2,4-Trichlorobenzene
Concen: 47.383 ng
RT: 10.313 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:180 Resp: 876028

Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.6	117.8
145	29.5	24.2	36.4





#31
Naphthalene
Concen: 44.237 ng
RT: 10.495 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Tgt Ion:128 Resp: 2691629

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.9	10.5	15.7

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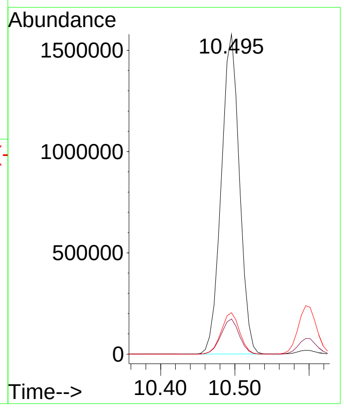
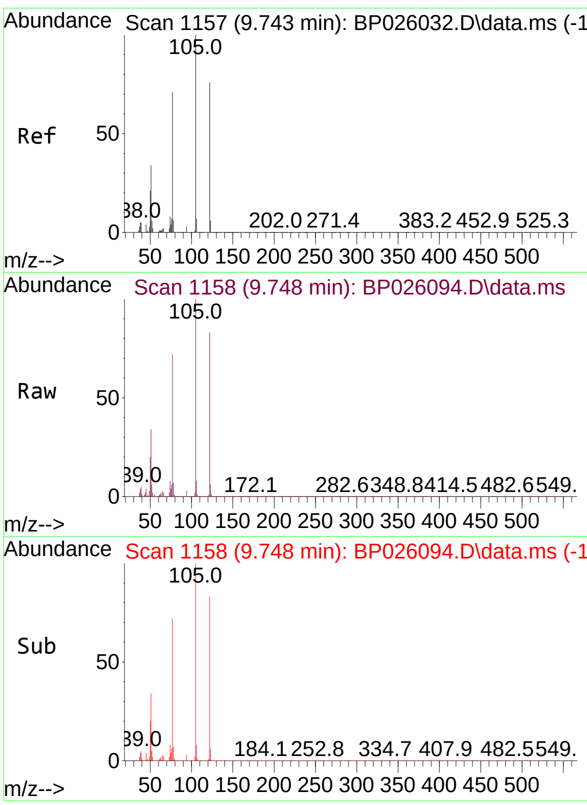
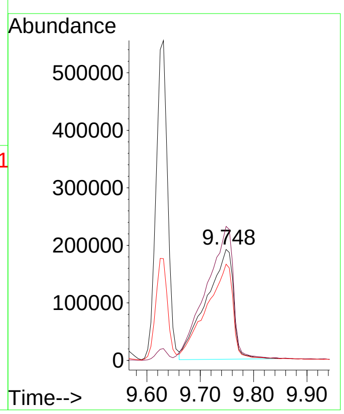




#32
Benzoic acid
Concen: 62.530 ng
RT: 9.748 min Scan# 1158
Delta R.T. -0.030 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:122 Resp: 676396

Ion	Ratio	Lower	Upper
122	100		
105	120.7	104.8	144.8
77	86.6	70.9	110.9



Instrument :
BNA_P
ClientSampleId :
SED-3MSD

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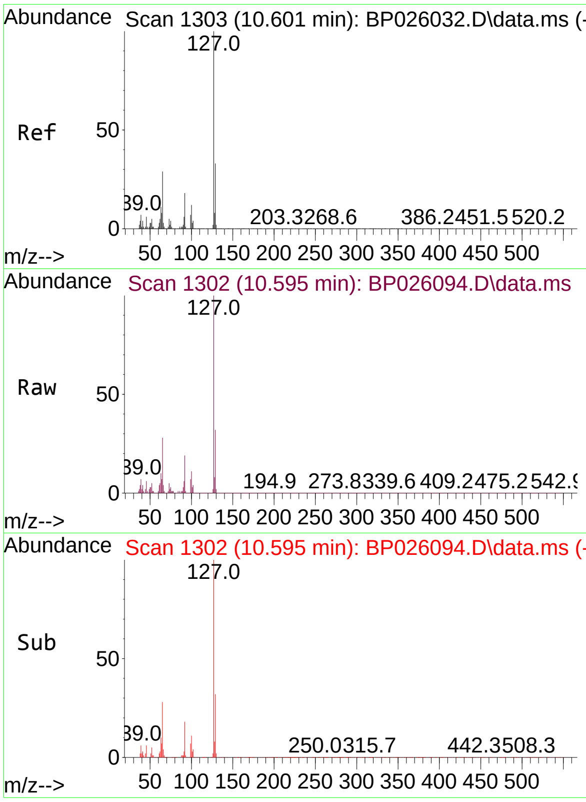
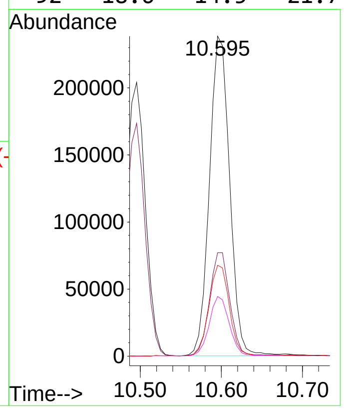
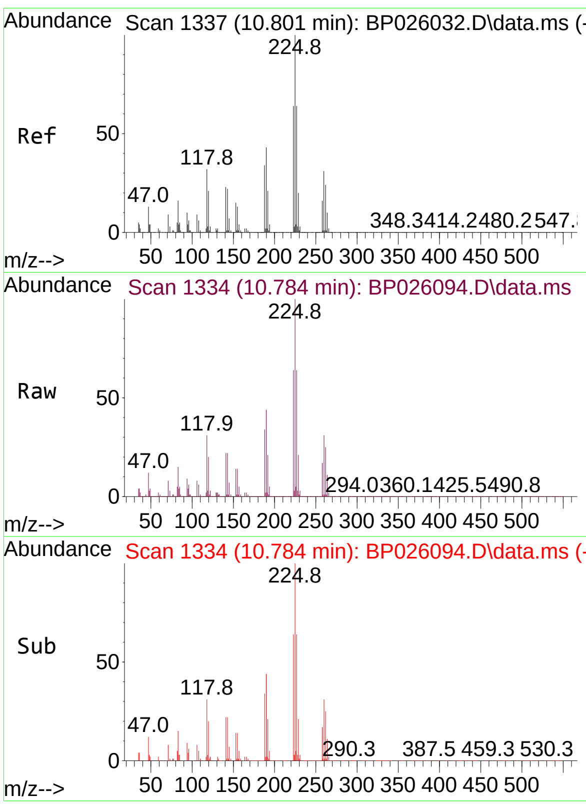


#33
4-Chloroaniline
Concen: 17.739 ng
RT: 10.595 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:127 Resp: 41475

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	28.4	23.2	34.8
92	18.6	14.5	21.7

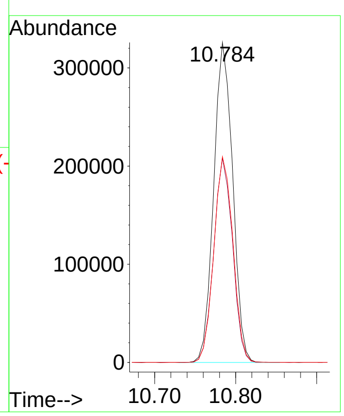




#34
Hexachlorobutadiene
Concen: 45.152 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:225 Resp: 530487

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.9	76.3
227	64.3	51.0	76.4



Instrument :
BNA_P
ClientSampleId :
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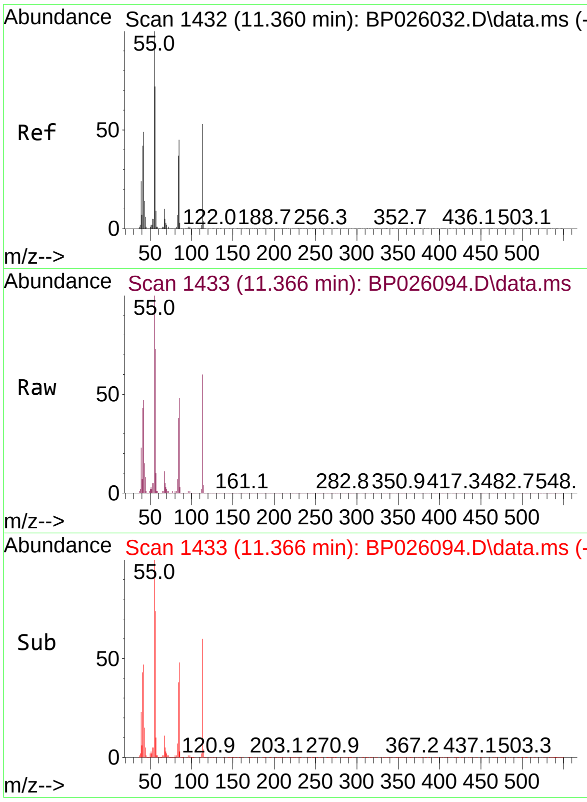
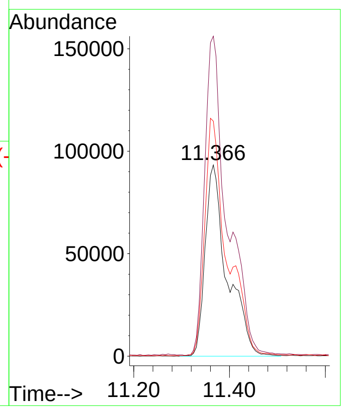
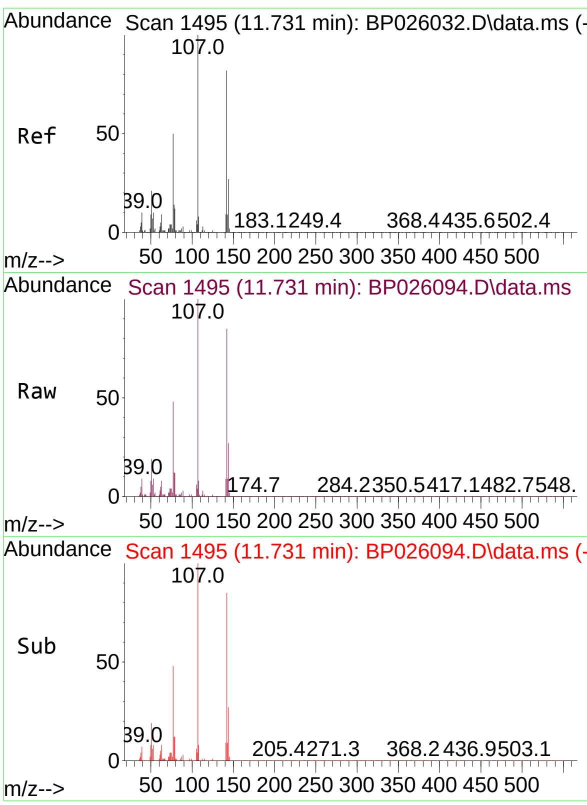


#35
Caprolactam
Concen: 49.930 ng m
RT: 11.366 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:113 Resp: 29825(

Ion	Ratio	Lower	Upper
113	100		
55	167.5	169.9	209.9#
56	123.0	116.7	156.7

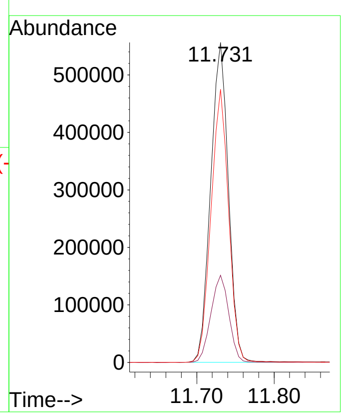




#36
4-Chloro-3-methylphenol
Concen: 49.739 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:107 Resp: 886927

Ion	Ratio	Lower	Upper
107	100		
144	27.2	21.3	31.9
142	85.3	65.2	97.8



Instrument :
BNA_P
ClientSampleId :
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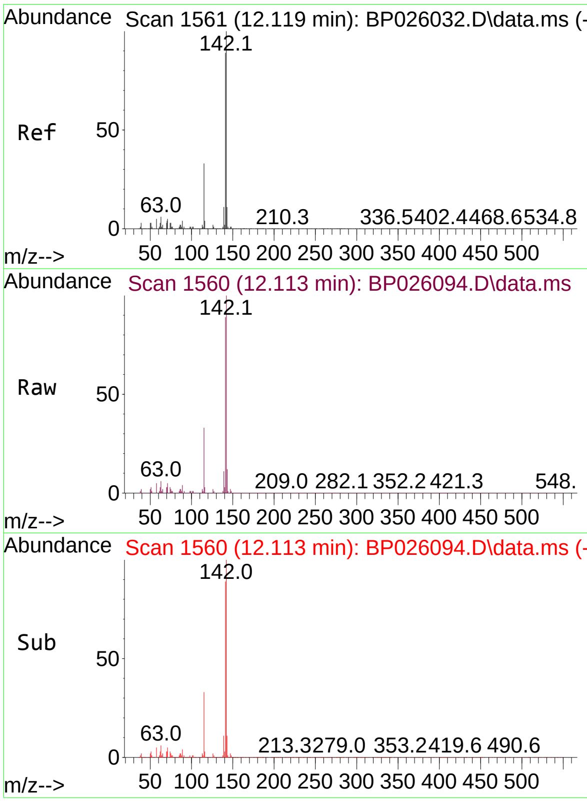
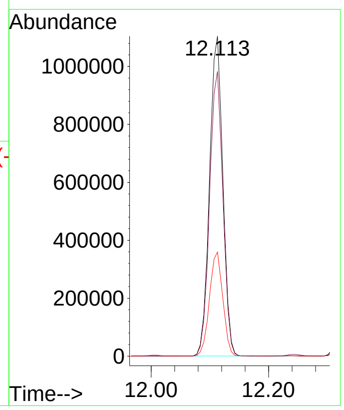
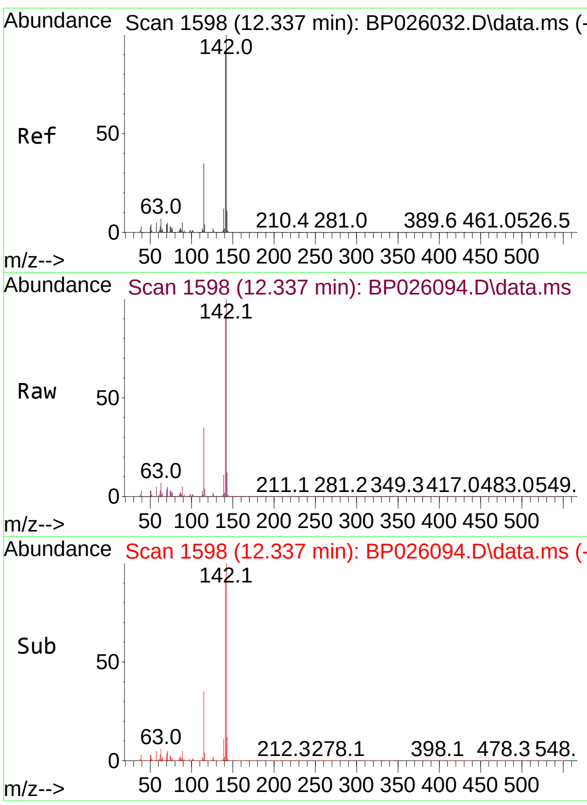


#37
2-Methylnaphthalene
Concen: 40.922 ng
RT: 12.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:142 Resp: 174269

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.6	107.4
115	32.5	26.6	39.8

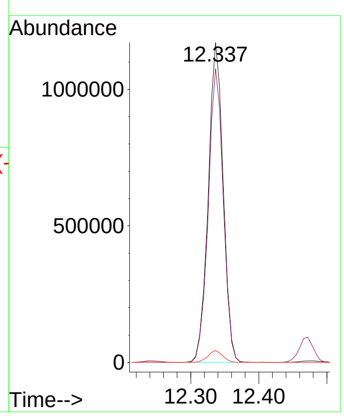


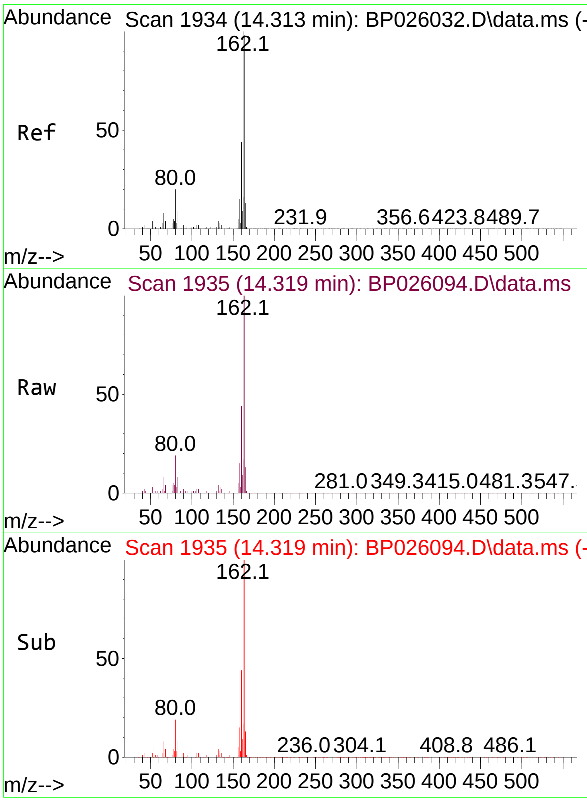


#38
1-Methylnaphthalene
Concen: 43.241 ng
RT: 12.337 min Scan# 1598
Delta R.T. 0.001 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:142 Resp: 1788990

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.7	109.1
116	3.7	2.9	4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

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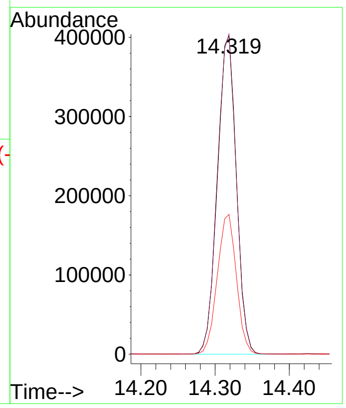
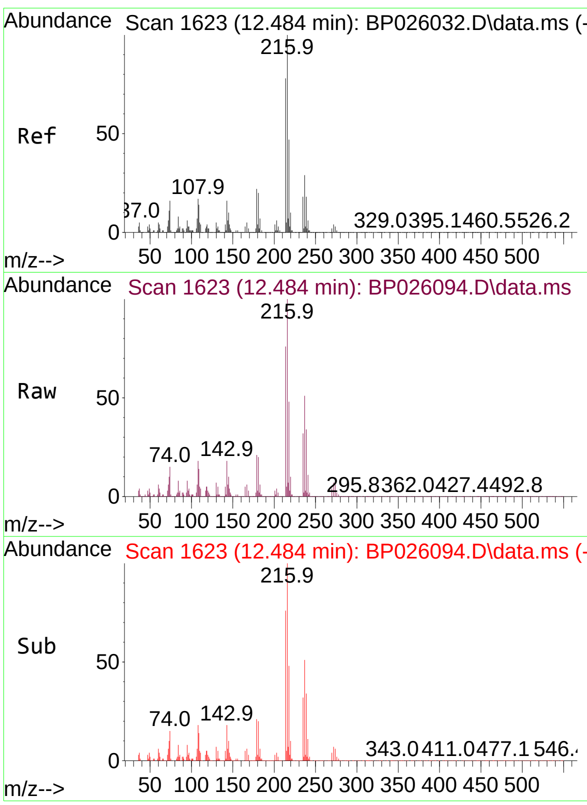
Tgt Ion:164 Resp: 711326

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.5	122.3
160	43.9	36.2	54.4

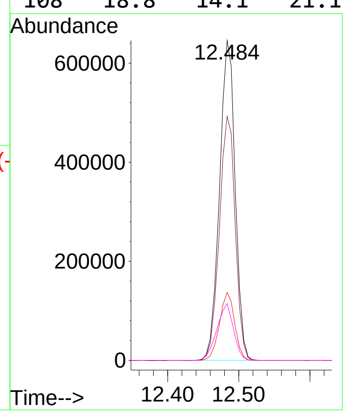




#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.683 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:216 Resp: 987579

Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.9	94.3
179	20.6	16.9	25.3
108	18.8	14.1	21.1



Instrument :
BNA_P
ClientSampleId :
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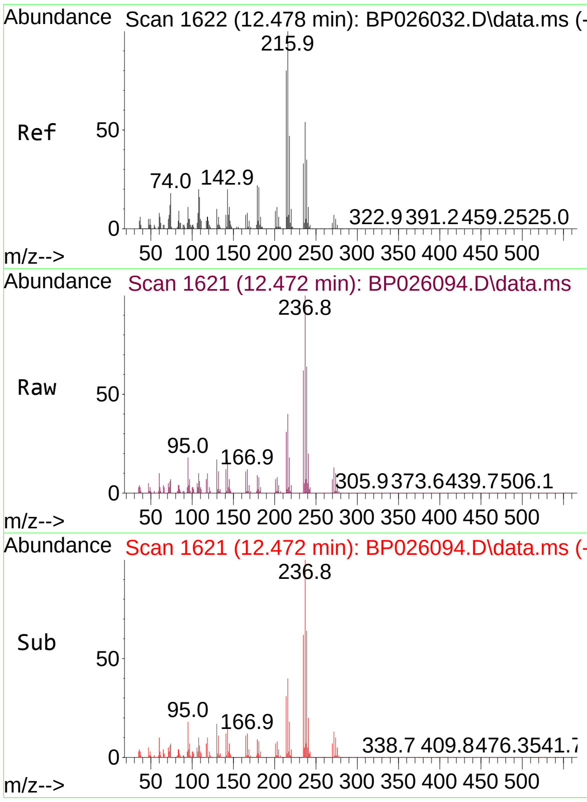
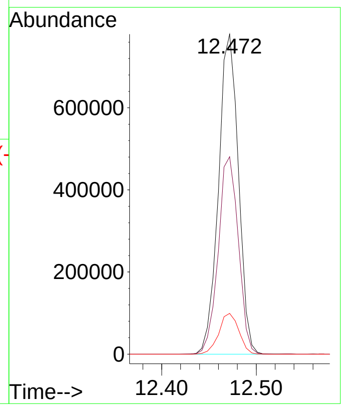
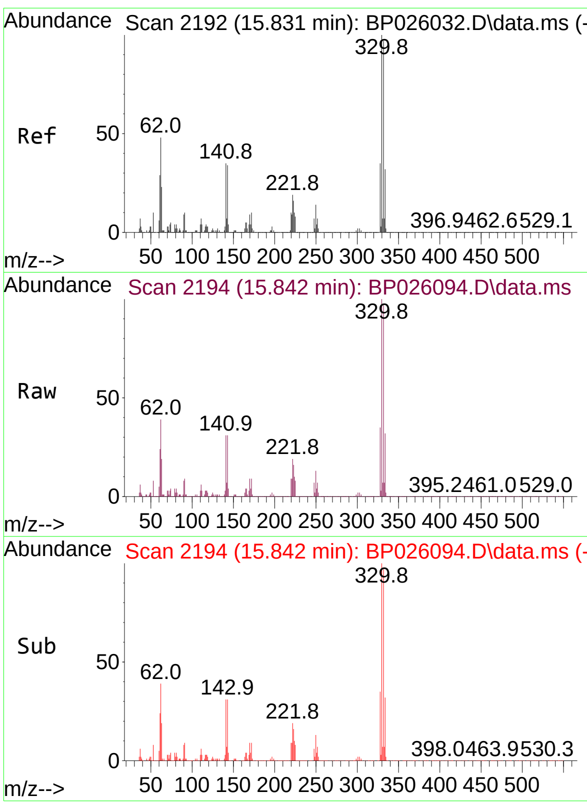


#41
Hexachlorocyclopentadiene
Concen: 140.990 ng
RT: 12.472 min Scan# 16
Delta R.T. -0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:237 Resp: 1140129

Ion	Ratio	Lower	Upper
237	100		
235	61.7	40.4	80.4
272	12.7	0.0	32.2

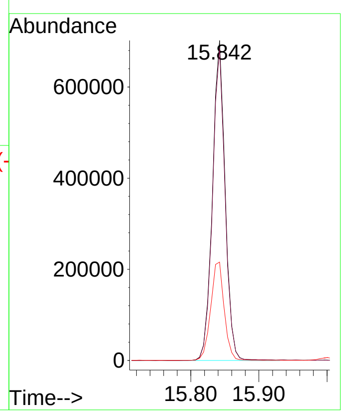


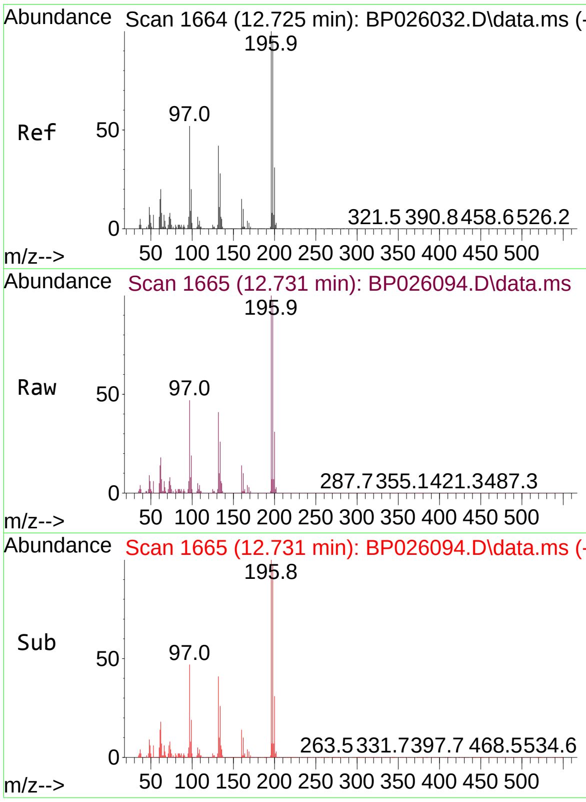


#42
2,4,6-Tribromophenol
Concen: 118.515 ng
RT: 15.842 min Scan# 2194
Delta R.T. 0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:330 Resp: 911398

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	32.6	28.6	42.8





#43
2,4,6-Trichlorophenol
Concen: 53.864 ng
RT: 12.731 min Scan# 16
Delta R.T. 0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:196 Resp: 70367

Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.5	114.7
200	30.6	24.4	36.6

Instrument :
BNA_P
ClientSampleId :
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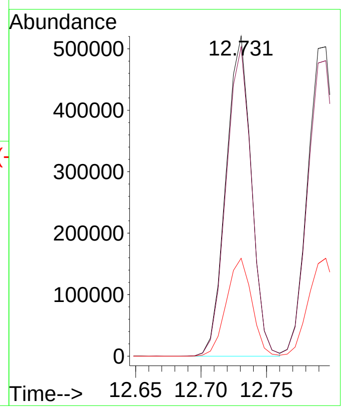
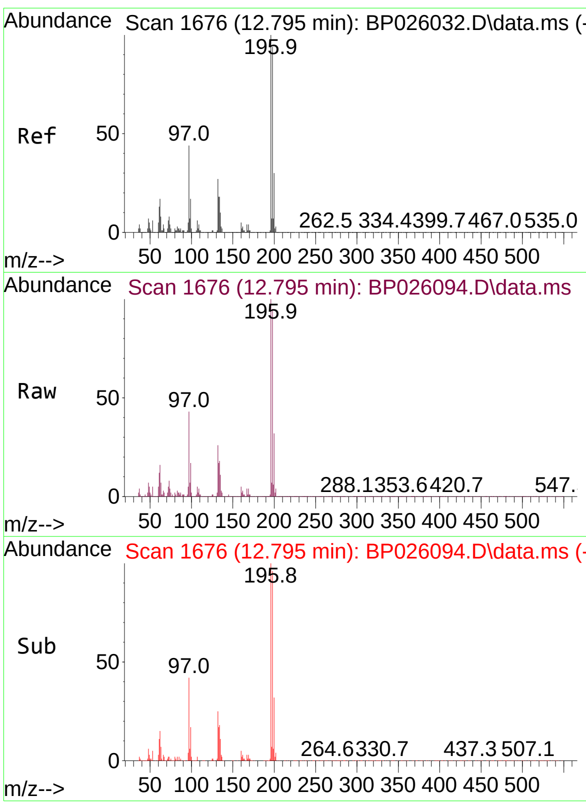
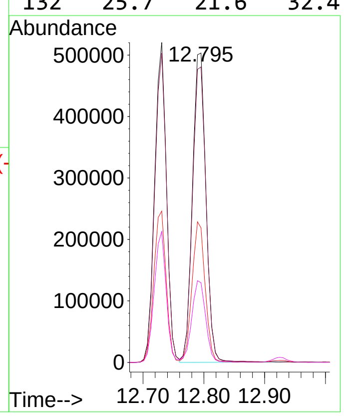


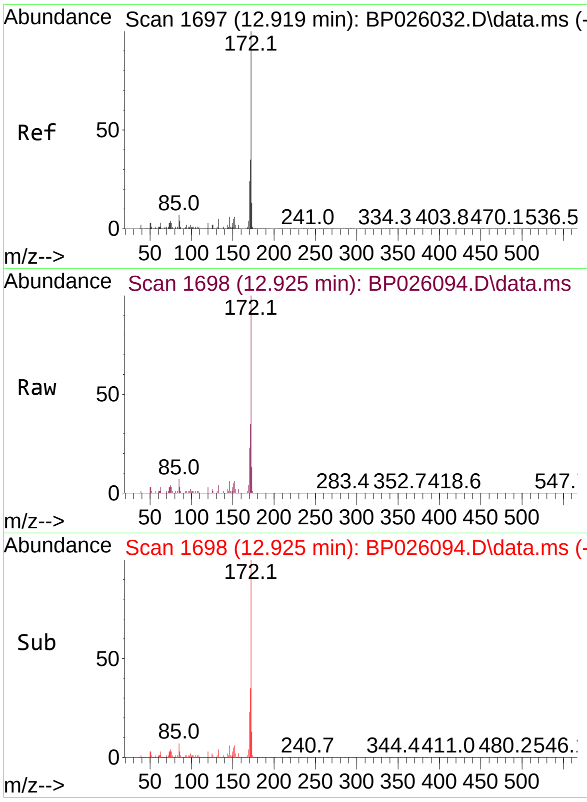


#44
2,4,5-Trichlorophenol
Concen: 52.112 ng
RT: 12.795 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:196 Resp: 776825

Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.1	112.7
97	43.5	35.5	53.3
132	25.7	21.6	32.4





#45
2-Fluorobiphenyl
Concen: 61.732 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:172 Resp: 305592

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.4	19.0	28.4

Instrument :
BNA_P
ClientSampleId :
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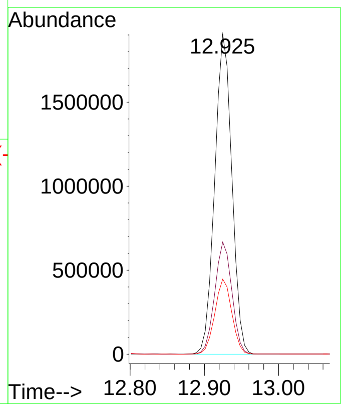
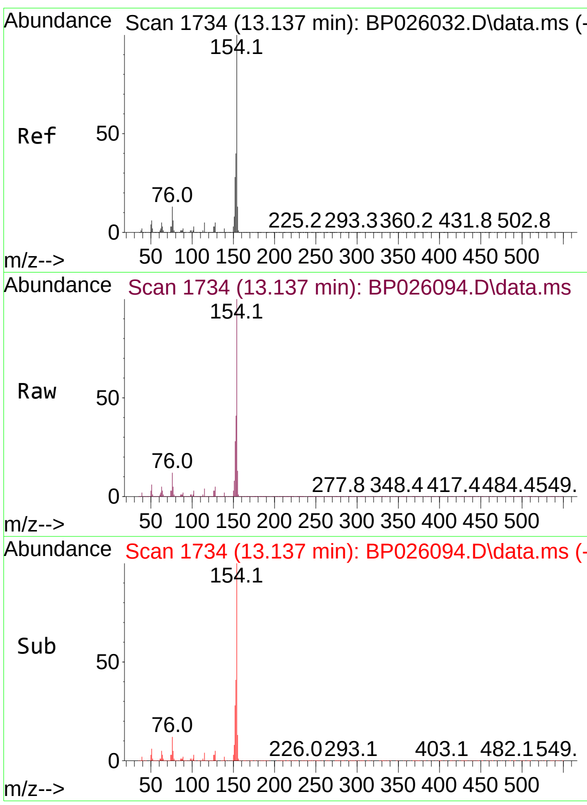
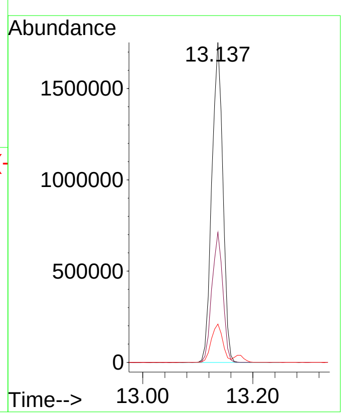


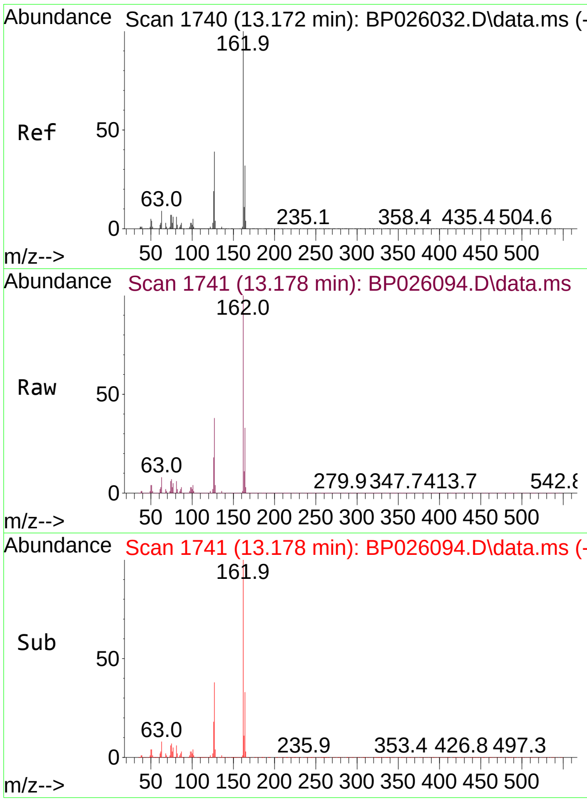


#46
1,1'-Biphenyl
Concen: 44.807 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:154 Resp: 2440513

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.2	60.2
76	12.0	0.0	32.8





#47
2-Chloronaphthalene
Concen: 44.264 ng
RT: 13.178 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Tgt Ion:162 Resp: 189690

Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.4	47.2
164	33.2	25.9	38.9

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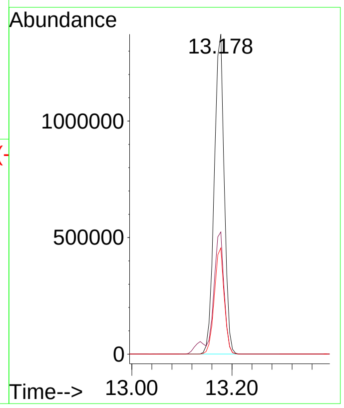
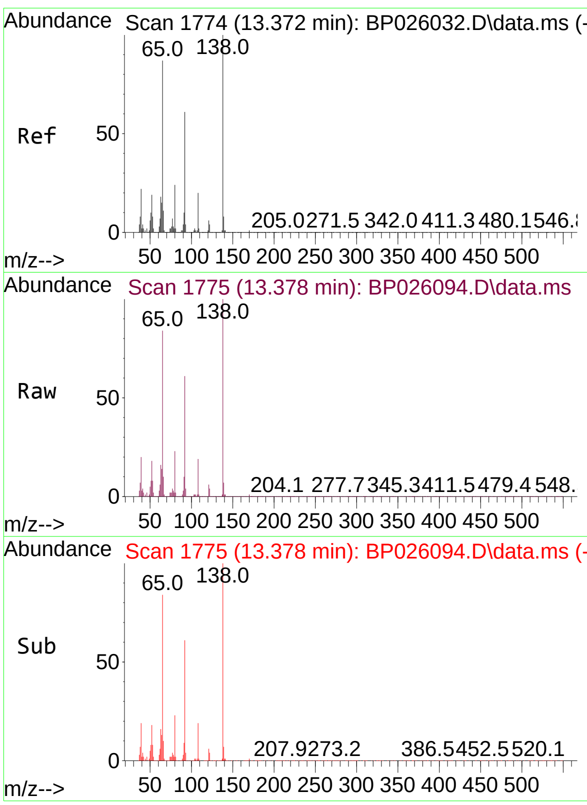
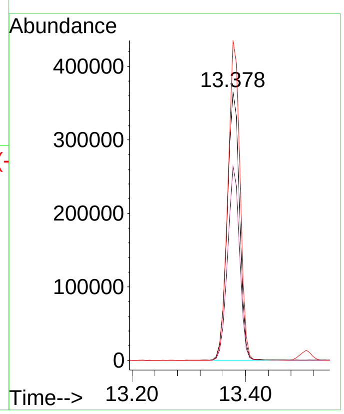




#48
2-Nitroaniline
Concen: 49.890 ng
RT: 13.378 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion: 65 Resp: 551553

Ion	Ratio	Lower	Upper
65	100		
92	72.3	55.5	83.3
138	119.1	91.7	137.5



Instrument :
BNA_P
ClientSampleId :
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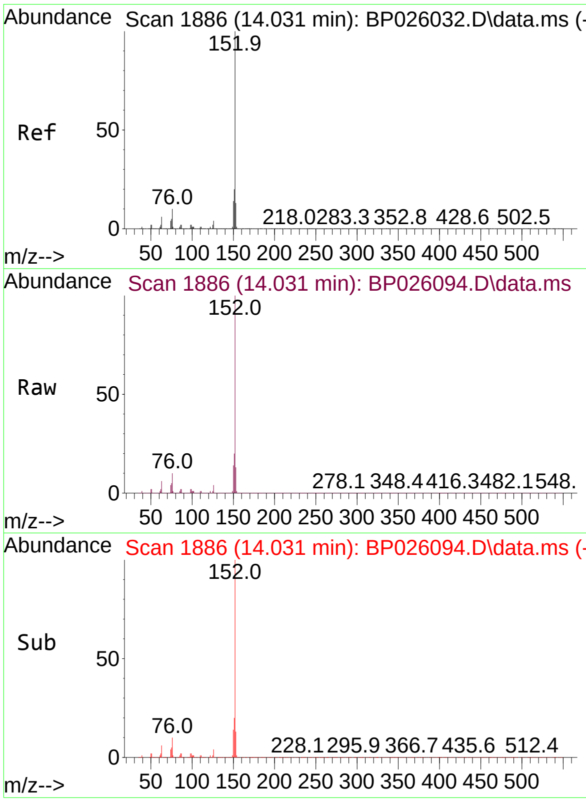
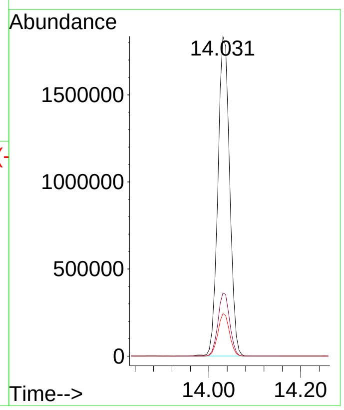
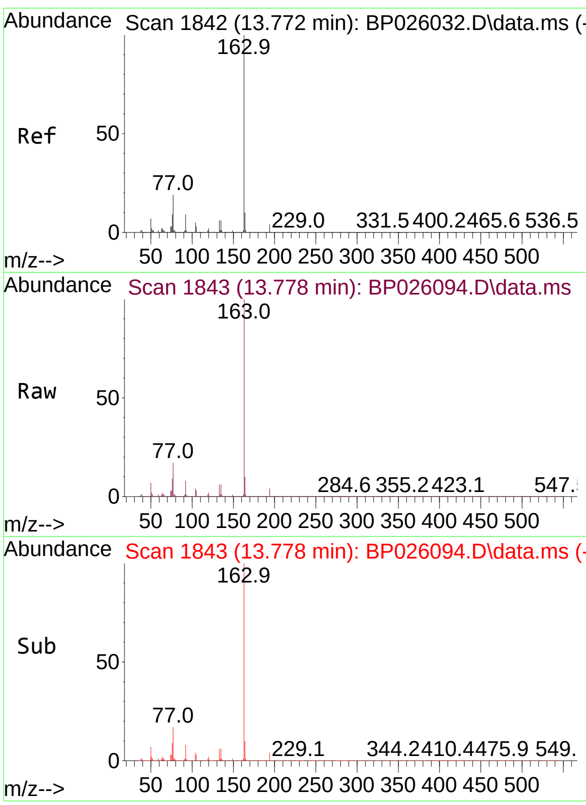


#49
Acenaphthylene
Concen: 52.261 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.005 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:152 Resp: 326418

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.3	10.6	16.0

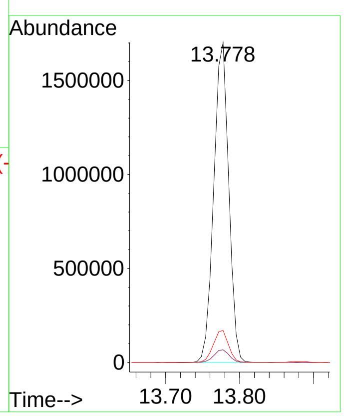


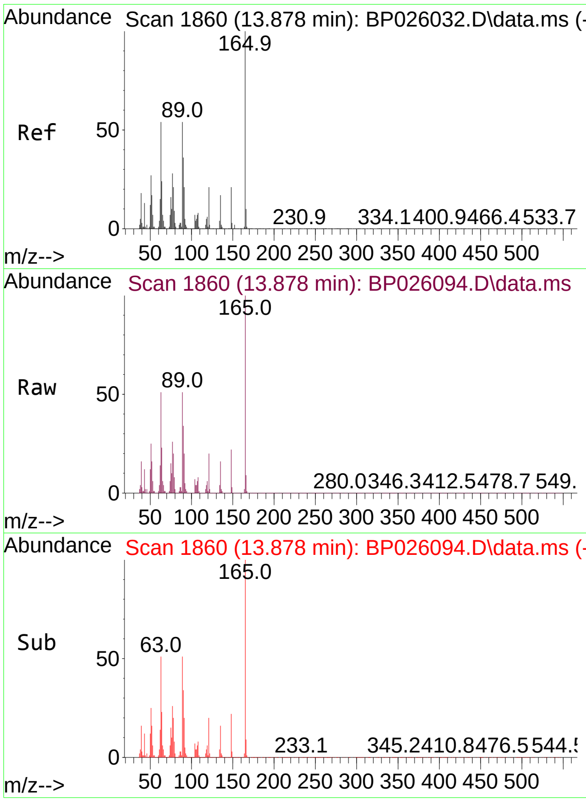


#50
Dimethylphthalate
Concen: 46.274 ng
RT: 13.778 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:163 Resp: 2394255

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.0	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 53.280 ng
RT: 13.878 min Scan# 18
Delta R.T. -0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Tgt Ion:165 Resp: 51810

Ion	Ratio	Lower	Upper
165	100		
63	50.6	43.0	64.4
89	50.7	43.0	64.4

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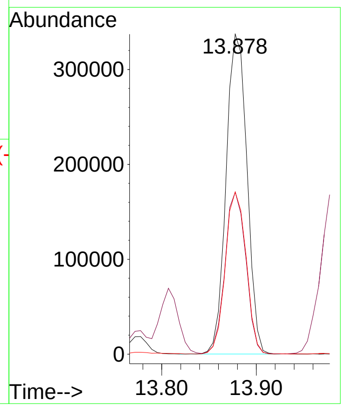
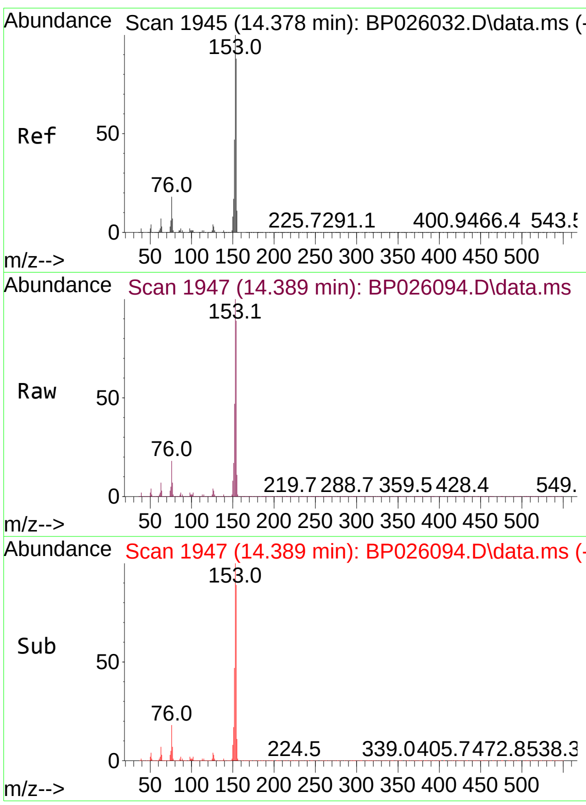
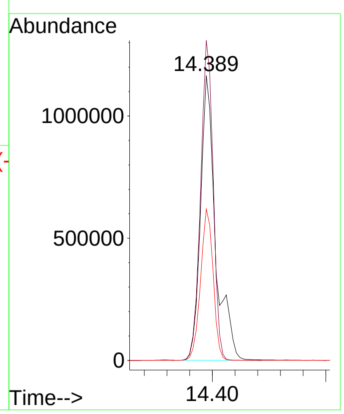




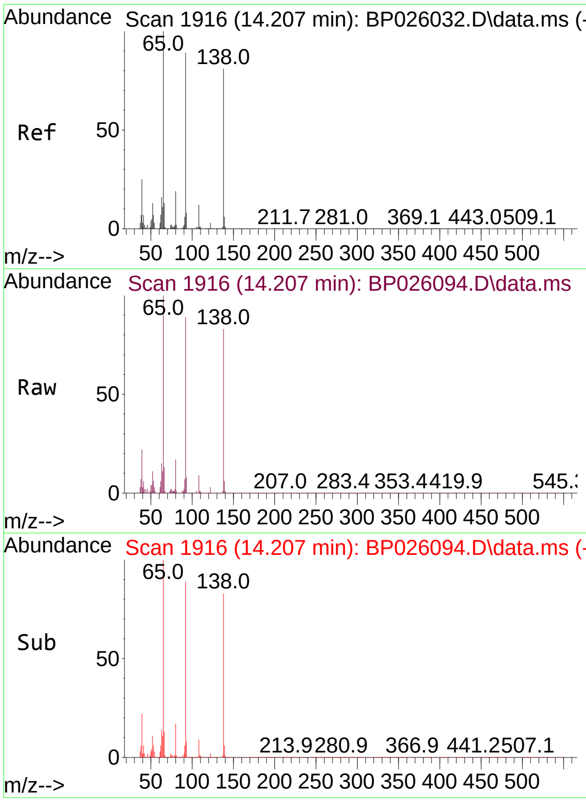
#52
Acenaphthene
Concen: 49.936 ng
RT: 14.389 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:154 Resp: 2141197

Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.0	136.4
152	53.2	42.7	64.1



Sample Results: **BP026094.D**



#53
3-Nitroaniline
Concen: 28.793 ng
RT: 14.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

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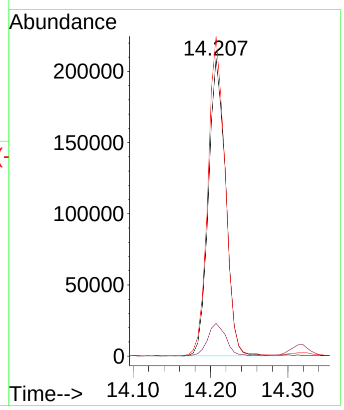
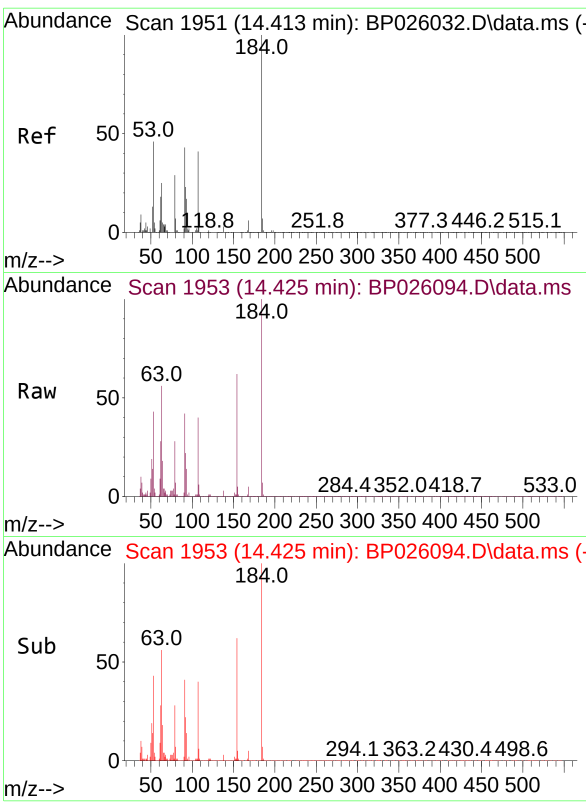
Tgt Ion:138 Resp: 32260

Ion	Ratio	Lower	Upper
138	100		
108	11.0	11.4	17.0
92	107.4	87.1	130.7

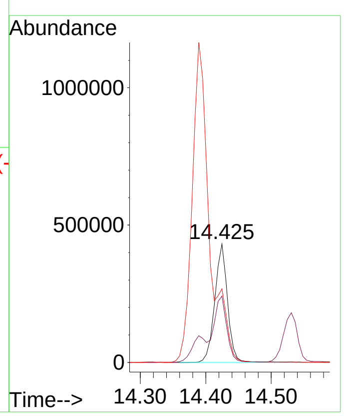


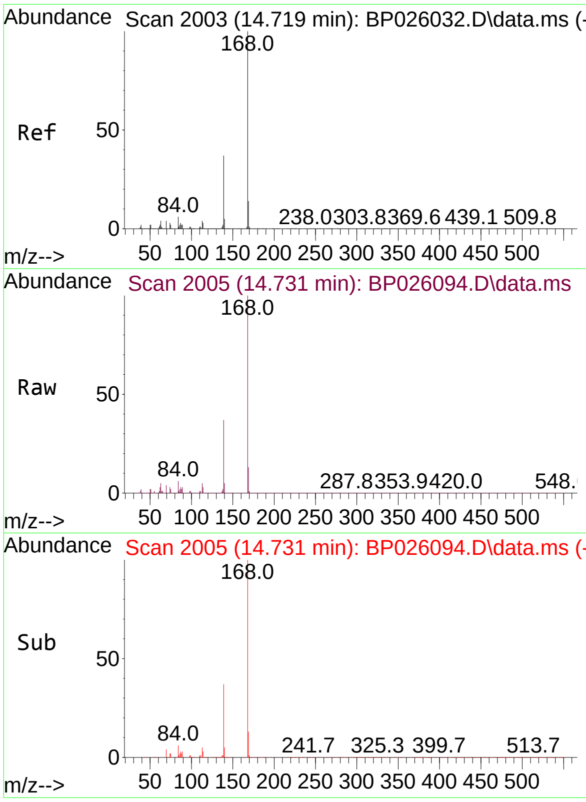


#54
2,4-Dinitrophenol
Concen: 109.954 ng
RT: 14.425 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:184 Resp: 582738

Ion	Ratio	Lower	Upper
184	100		
63	56.0	49.0	73.4
154	62.0	51.0	76.6

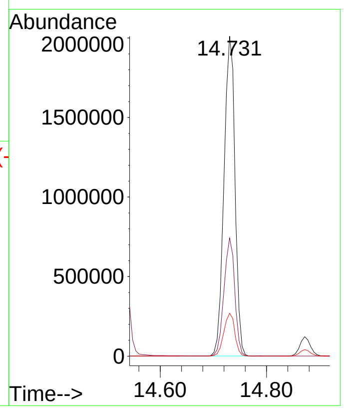




#55
Dibenzofuran
Concen: 44.581 ng
RT: 14.731 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:168 Resp: 288813

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.7	44.5
169	13.4	11.0	16.4



Instrument :
BNA_P
ClientSampleId :
SED-3MSD

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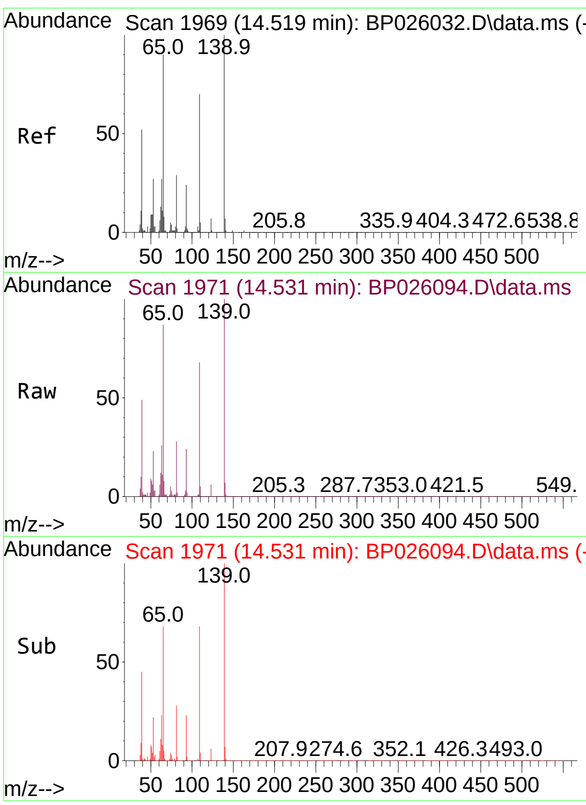
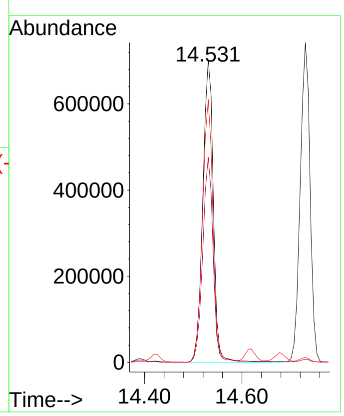
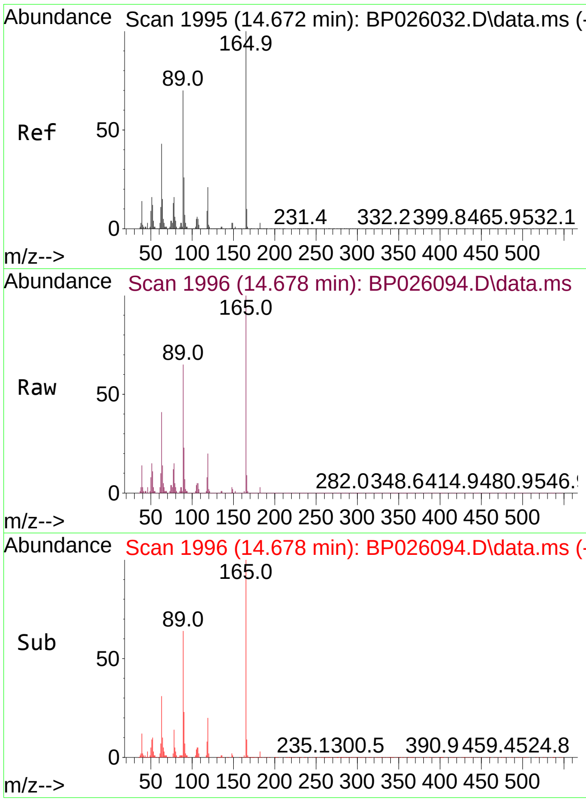


#56
4-Nitrophenol
Concen: 103.031 ng
RT: 14.531 min Scan# 1971
Delta R.T. 0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:139 Resp: 1063004

Ion	Ratio	Lower	Upper
139	100		
109	67.8	50.0	90.0
65	86.9	69.6	109.6





#57
2,4-Dinitrotoluene
Concen: 52.315 ng
RT: 14.678 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:165 Resp: 746671

Ion	Ratio	Lower	Upper
165	100		
63	40.6	34.2	51.2
89	65.0	56.0	84.0
182	2.7	2.2	3.2

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

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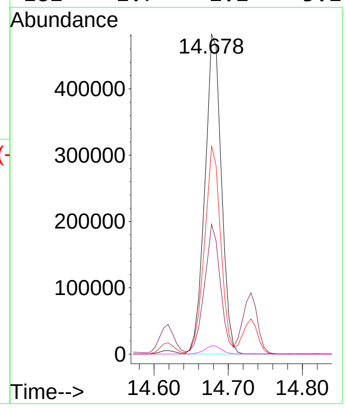
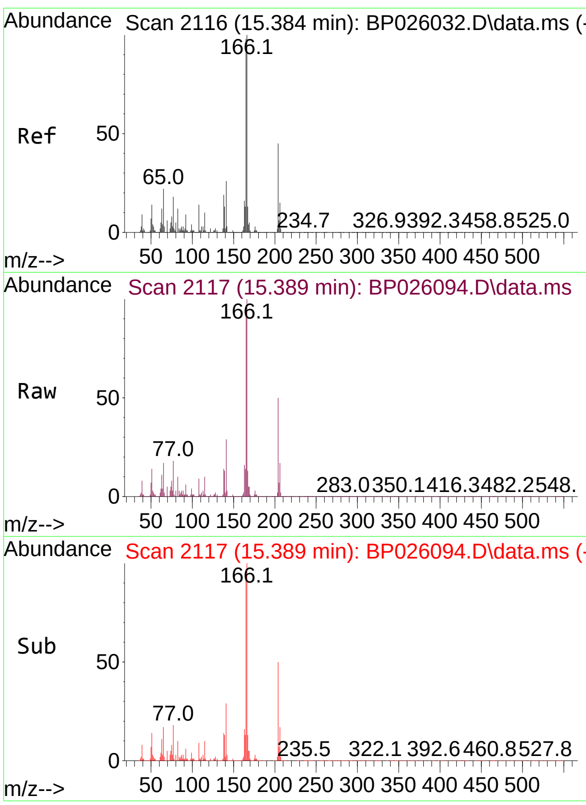
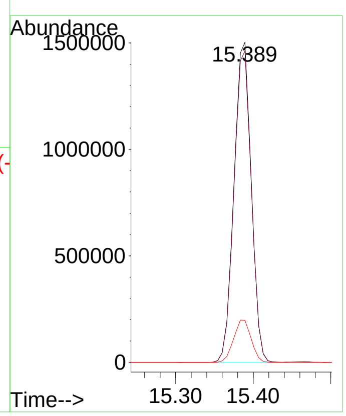


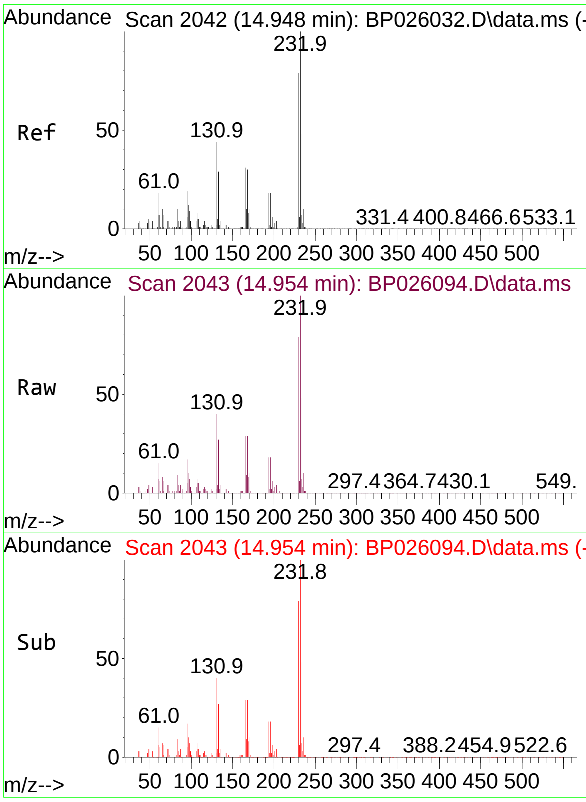


#58
Fluorene
Concen: 46.029 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:166 Resp: 2336182

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.1	117.1
167	13.2	10.6	16.0

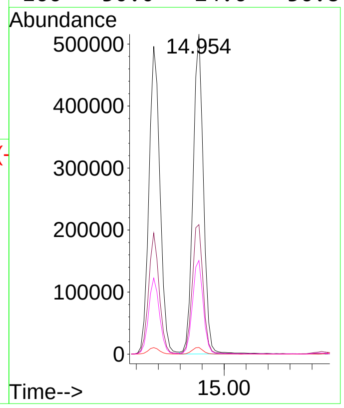




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.025 ng
RT: 14.954 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:232 Resp: 68008(

Ion	Ratio	Lower	Upper
232	100		
131	42.0	35.2	52.8
130	2.1	1.7	2.5
166	30.0	24.6	36.8



Instrument :
BNA_P
ClientSampleId :
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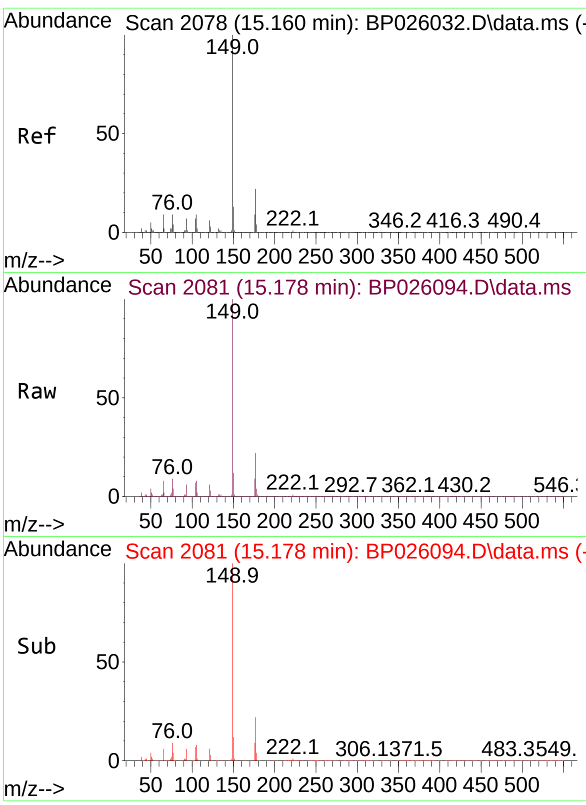
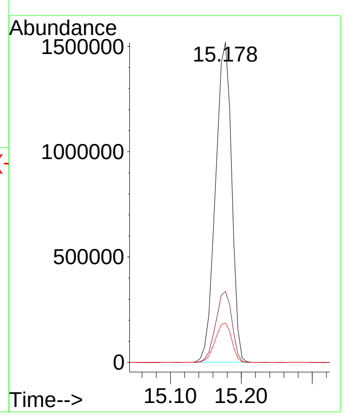


#60
Diethylphthalate
Concen: 46.377 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:149 Resp: 2412363

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.9	26.9
150	12.2	10.1	15.1



Instrument :
BNA_P
ClientSampleId :
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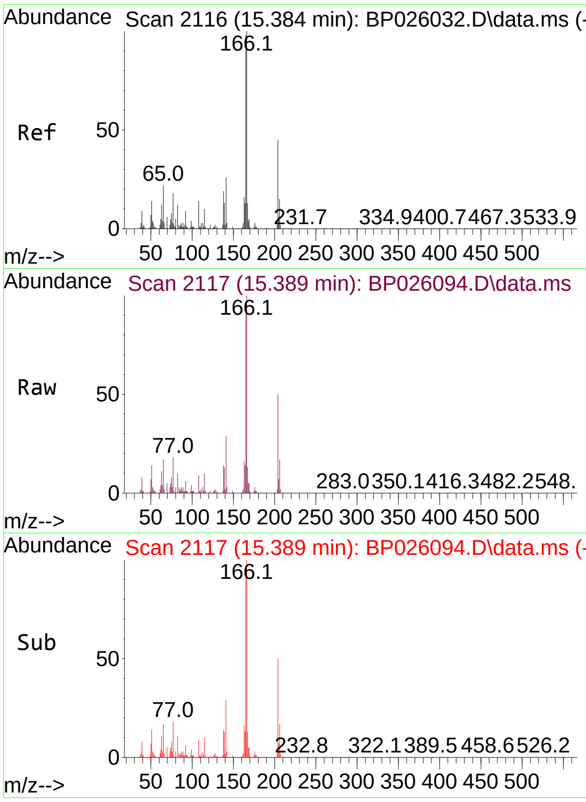
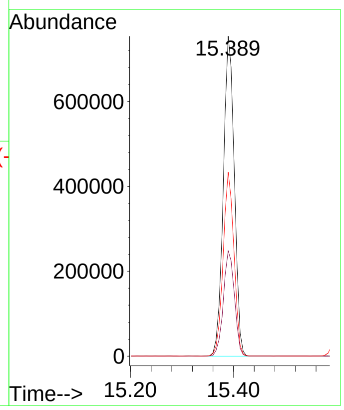
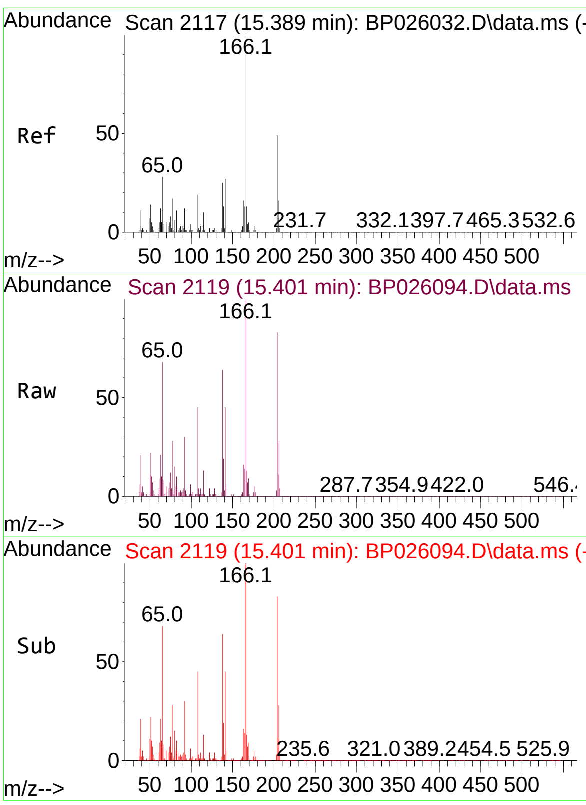


#61
4-Chlorophenyl-phenylether
Concen: 44.575 ng
RT: 15.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:204 Resp: 1129798

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	57.5	47.0	70.4

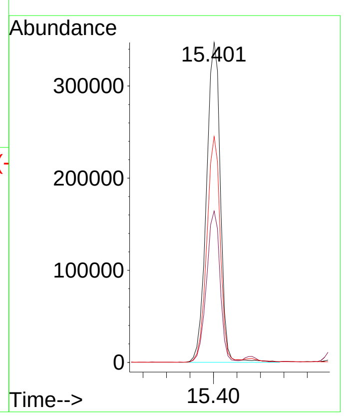




#62
4-Nitroaniline
Concen: 52.053 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:138 Resp: 575520

Ion	Ratio	Lower	Upper
138	100		
92	47.3	28.2	68.2
108	70.6	56.0	96.0



Instrument :
BNA_P
ClientSampleId :
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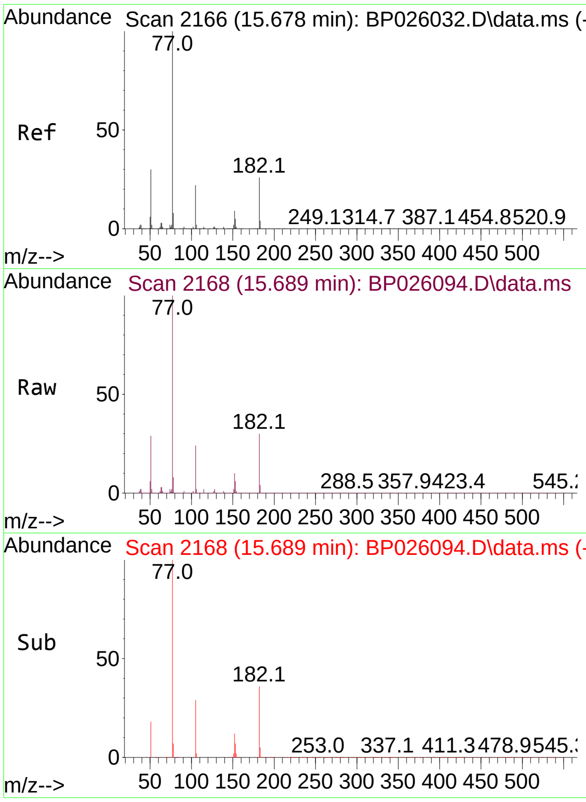
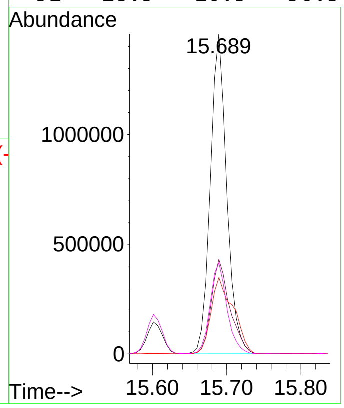
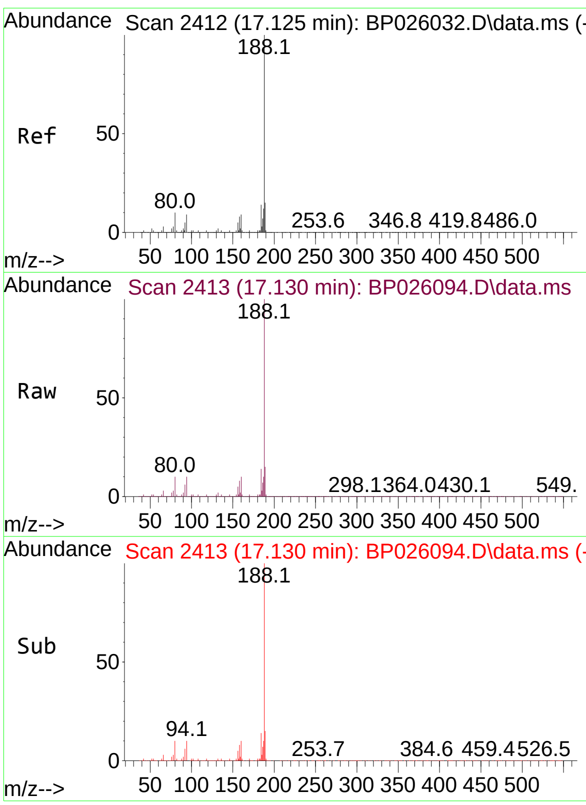



```
#63
Azobenzene
Concen:   47.584 ng
RT:  15.689 min  Scan# 21
Delta R.T.  0.000 min
Lab File:   BP026094.D
Acq: 11 Nov 2025  17:33

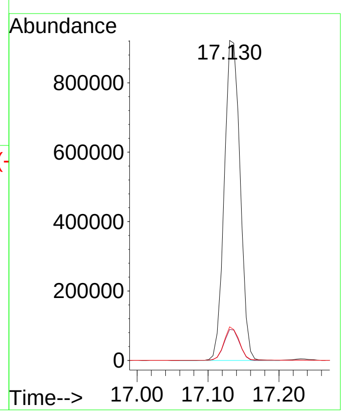
Tgt Ion: 77 Resp: 2243226
Ion  Ratio  Lower  Upper
 77  100
182   29.5    6.4   46.4
105   23.8    2.2   42.2
 51   28.5   10.3   50.3
```

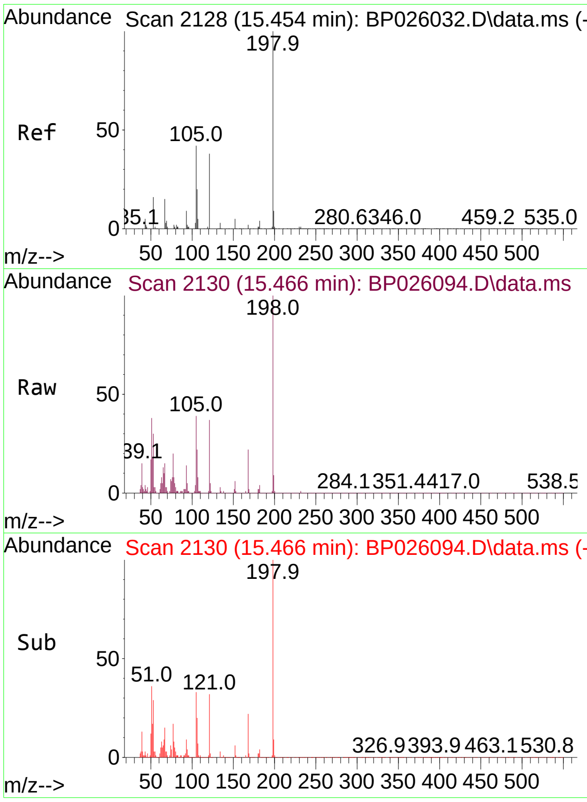





```
#64
Phenanthrene-d10
Concen:   20.000 ng
RT:  17.130 min  Scan# 2413
Delta R.T.  0.006 min
Lab File:   BP026094.D
Acq: 11 Nov 2025  17:33

Tgt Ion:188 Resp: 1435440
Ion  Ratio  Lower  Upper
188  100
 94    9.7    7.1   10.7
 80   10.5    7.9   11.9
```





#65
4,6-Dinitro-2-methylphenol
Concen: 61.923 ng
RT: 15.466 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Tgt Ion:198 Resp: 392233

Ion	Ratio	Lower	Upper
198	100		
51	38.0	25.2	65.2
105	39.4	23.7	63.7

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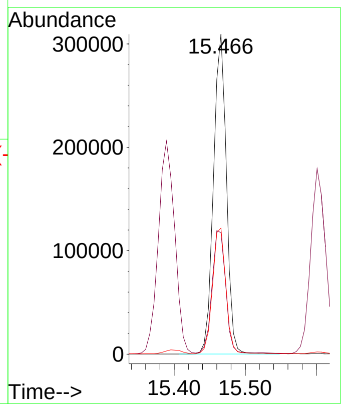
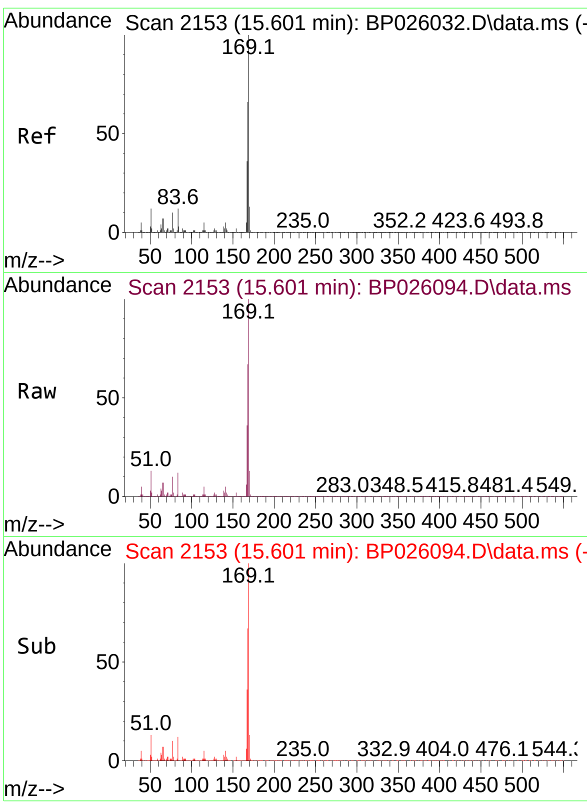
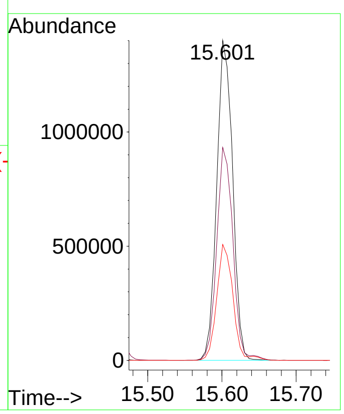


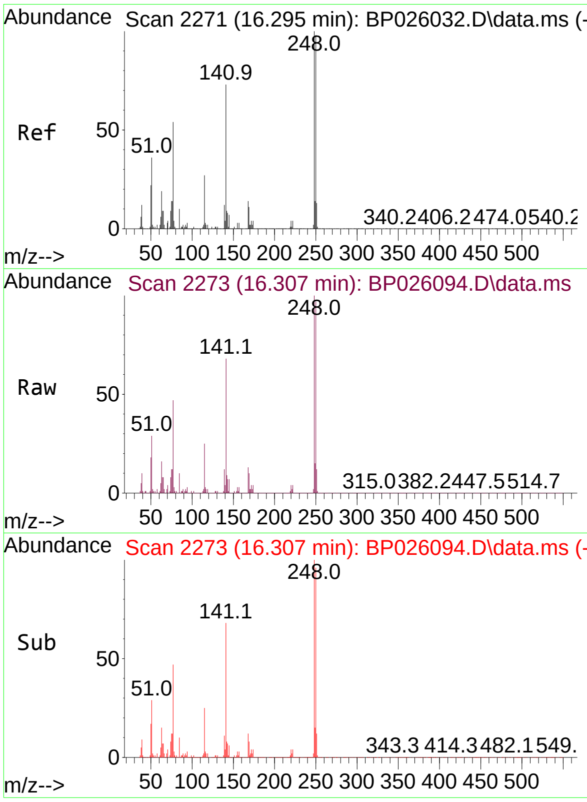


#66
n-Nitrosodiphenylamine
Concen: 46.517 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:169 Resp: 2087730

Ion	Ratio	Lower	Upper
169	100		
168	66.5	52.9	79.3
167	36.2	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 46.958 ng
RT: 16.307 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Tgt Ion:248 Resp: 74770

Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.4	117.6
141	68.1	58.3	87.5

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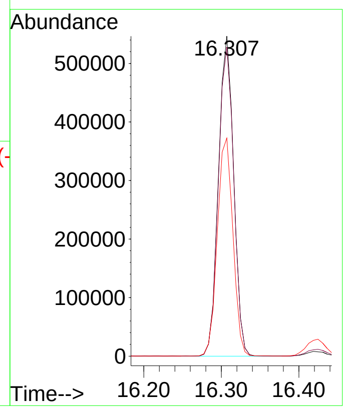
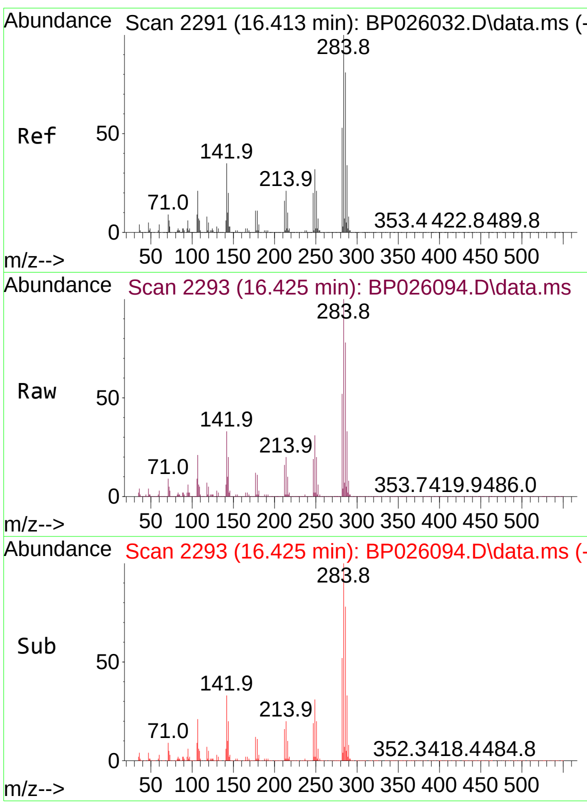
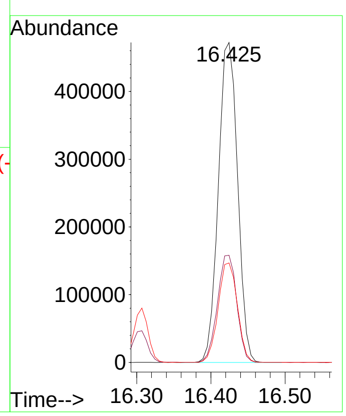




#68
Hexachlorobenzene
Concen: 46.895 ng
RT: 16.425 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:284 Resp: 850021

Ion	Ratio	Lower	Upper
284	100		
142	33.5	27.7	41.5
249	31.1	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
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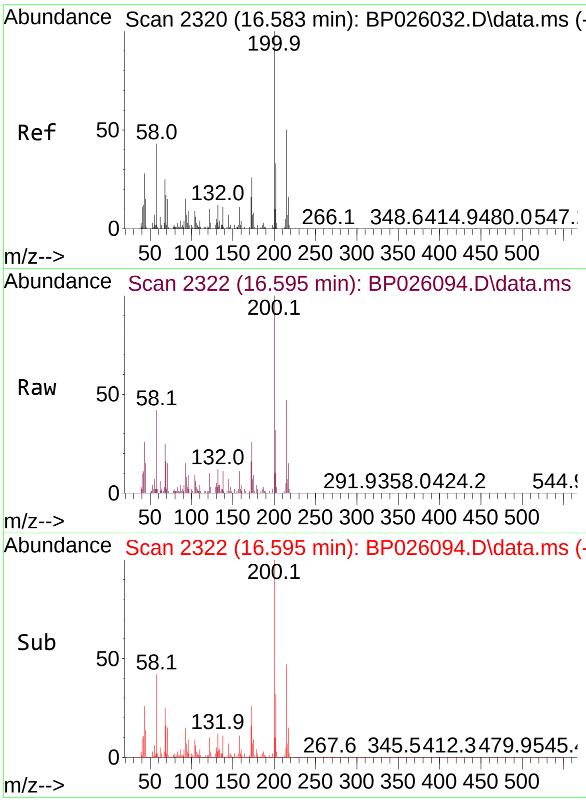
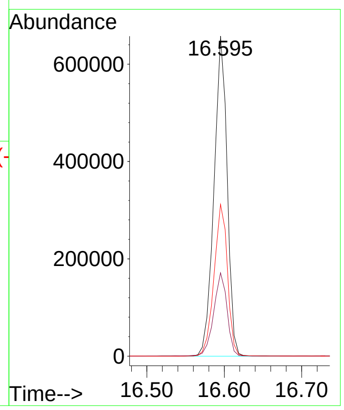
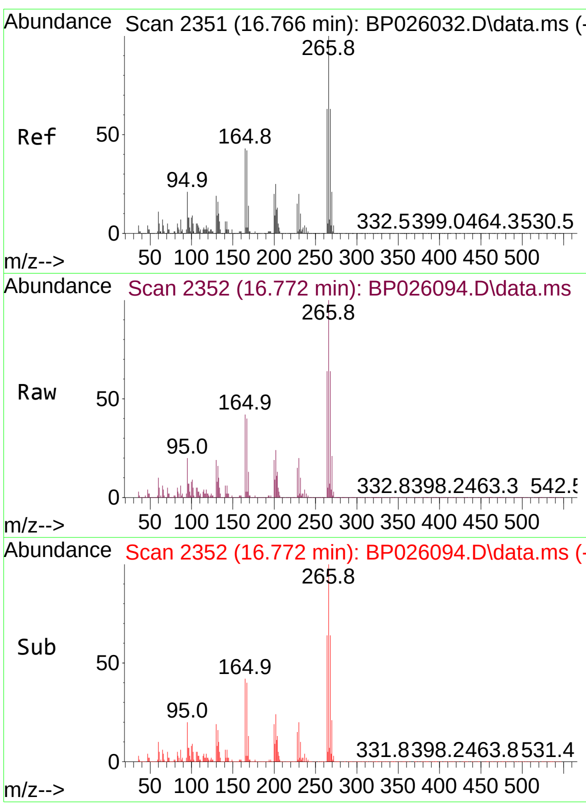


#69
Atrazine
Concen: 51.514 ng
RT: 16.595 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:200 Resp: 779928

Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.2	46.2
215	47.4	29.8	69.8

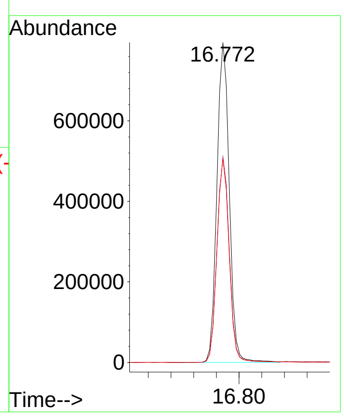


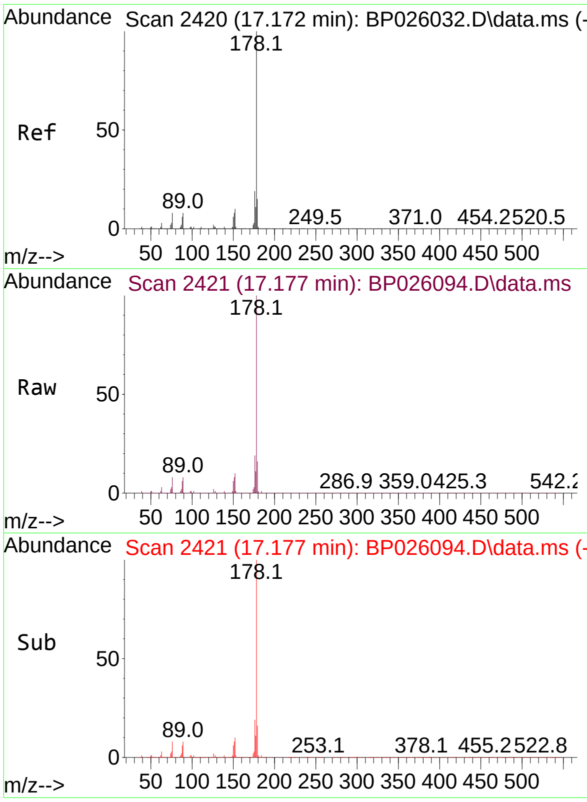


#70
Pentachlorophenol
Concen: 108.323 ng
RT: 16.772 min Scan# 2352
Delta R.T. 0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:266 Resp: 1199329

Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.6	76.0
264	63.6	50.2	75.4





#71
Phenanthrene
Concen: 44.743 ng
RT: 17.177 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Tgt Ion:178 Resp: 373829

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.3	18.5

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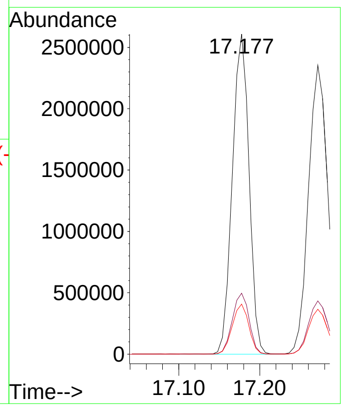
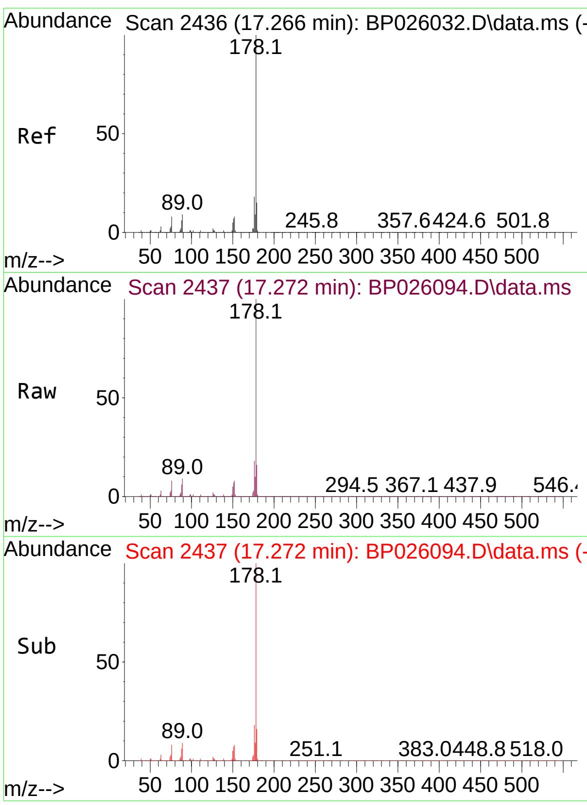
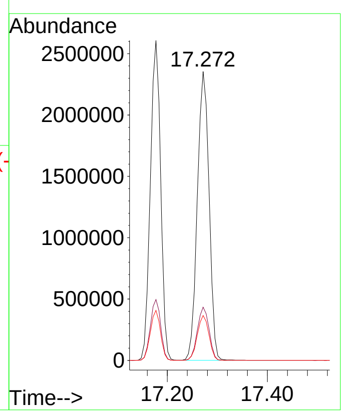


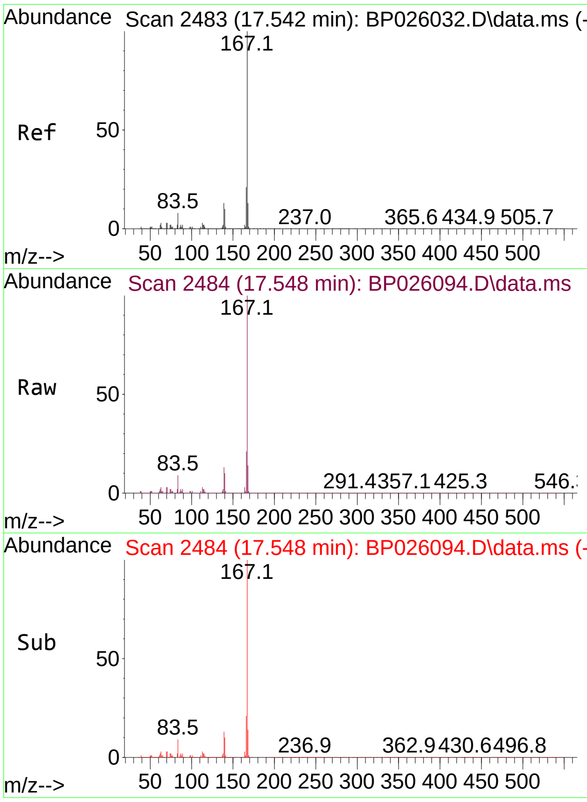


#72
Anthracene
Concen: 46.308 ng
RT: 17.272 min Scan# 2437
Delta R.T. 0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:178 Resp: 3835185

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

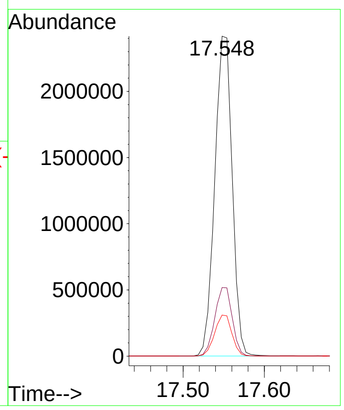




#73
Carbazole
Concen: 46.004 ng
RT: 17.548 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:167 Resp: 360655

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.8	10.2	15.2



Instrument :
BNA_P
ClientSampleId :
SED-3MSD

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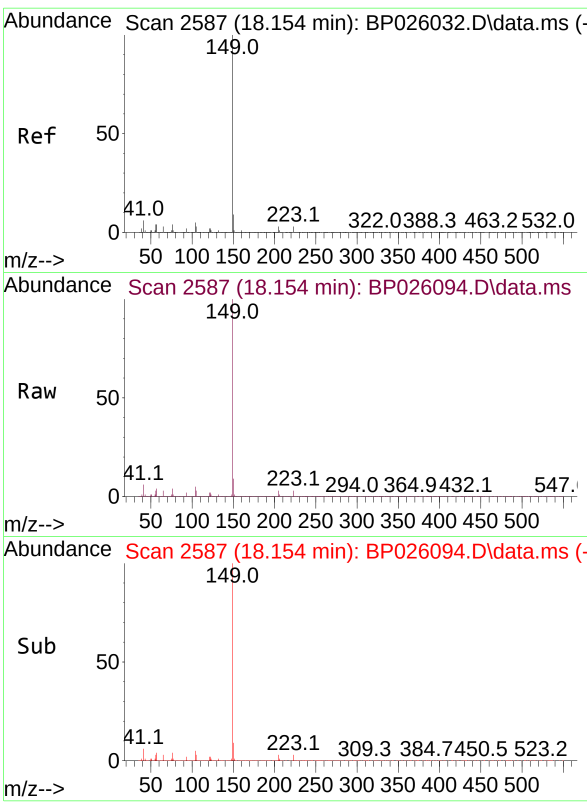
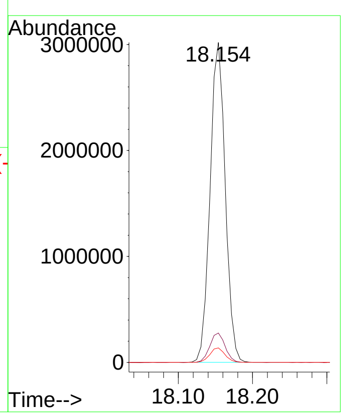


#74
Di-n-butylphthalate
Concen: 48.940 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:149 Resp: 4293156

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.5	3.8	5.6



Instrument :
BNA_P
ClientSampleId :
SED-3MSD

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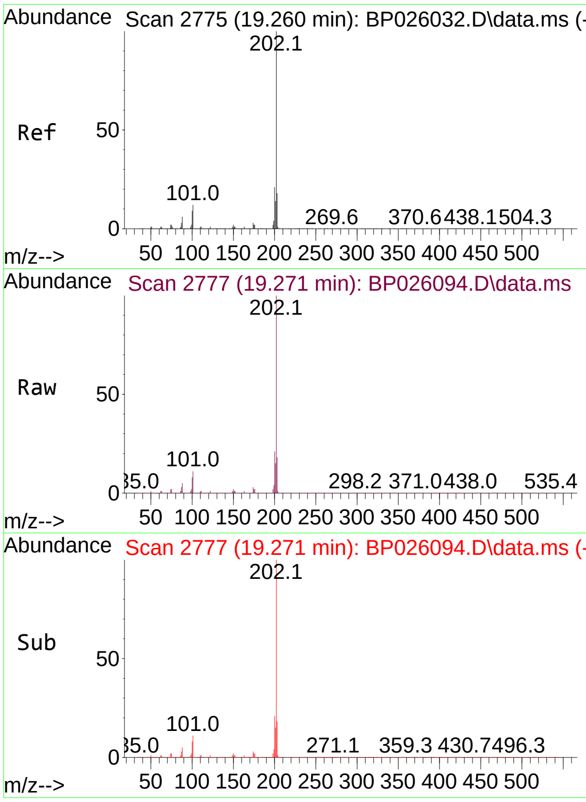
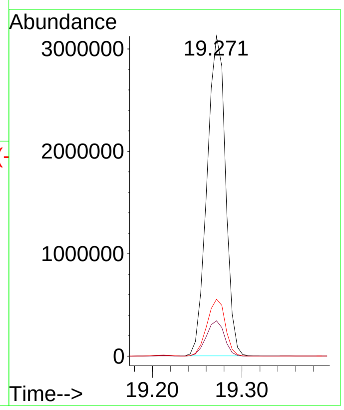
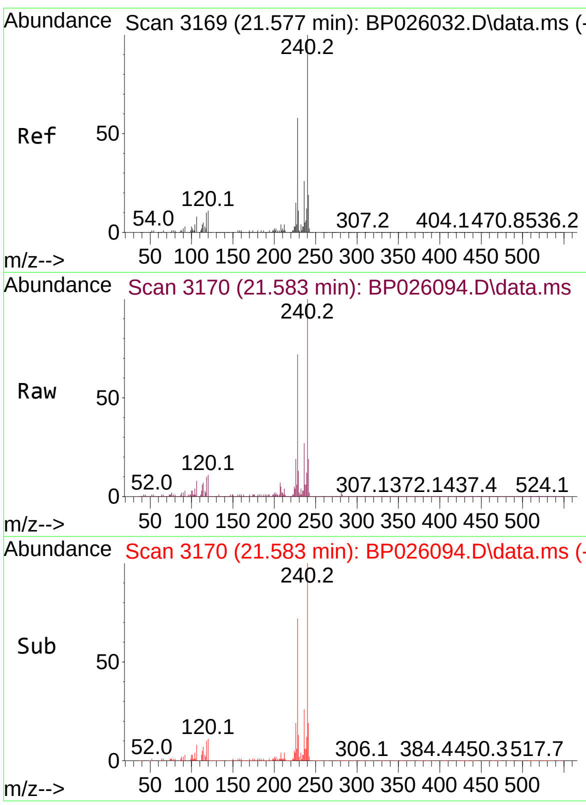


#75
Fluoranthene
Concen: 46.178 ng
RT: 19.271 min Scan# 2
Delta R.T. 0.011 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:202 Resp: 450058

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.1
203	17.8	0.0	37.6

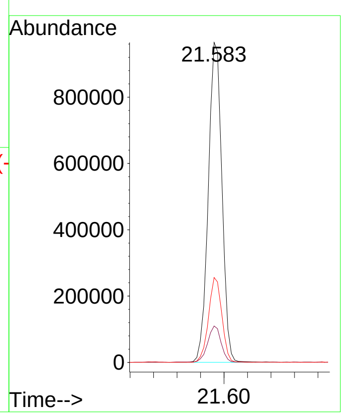




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.018 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:240 Resp: 1558558

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	26.5	20.6	31.0



Instrument :
BNA_P
ClientSampleId :
SED-3MSD

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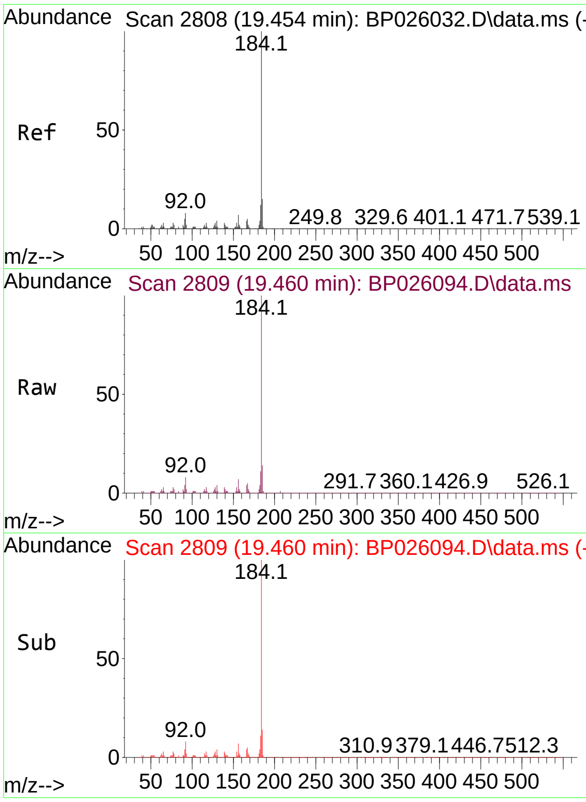
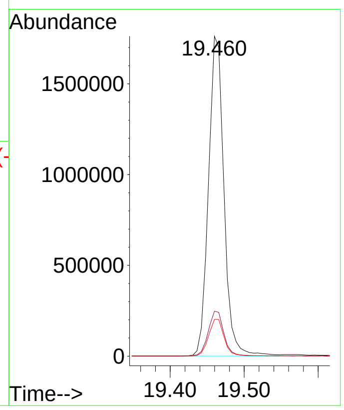
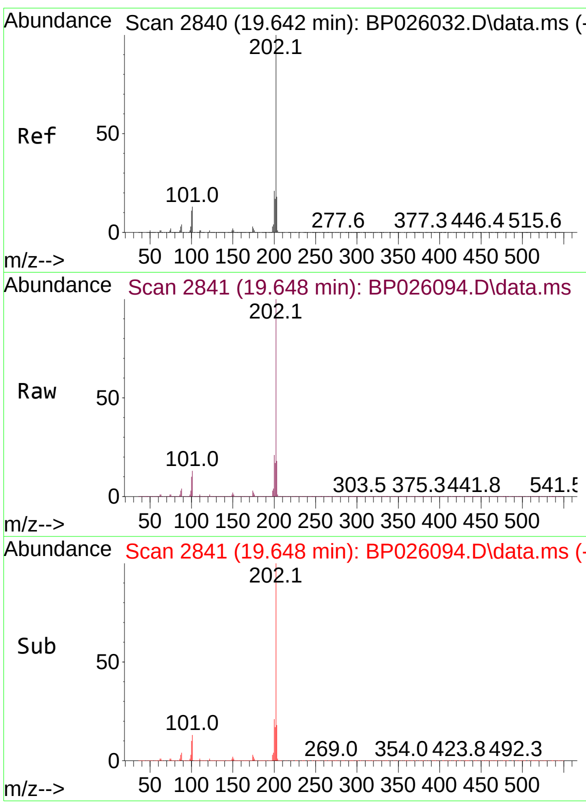


#77
Benzidine
Concen: 64.766 ng
RT: 19.460 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:184 Resp: 256215

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.9	17.9
183	11.5	9.2	13.8

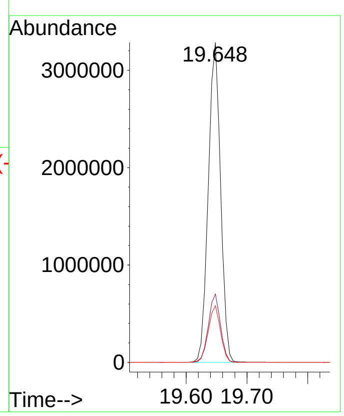




#78
Pyrene
Concen: 43.767 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:202 Resp: 4613557

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	25.0
203	17.7	14.0	21.0



Instrument :
BNA_P
ClientSampleId :
SED-3MSD

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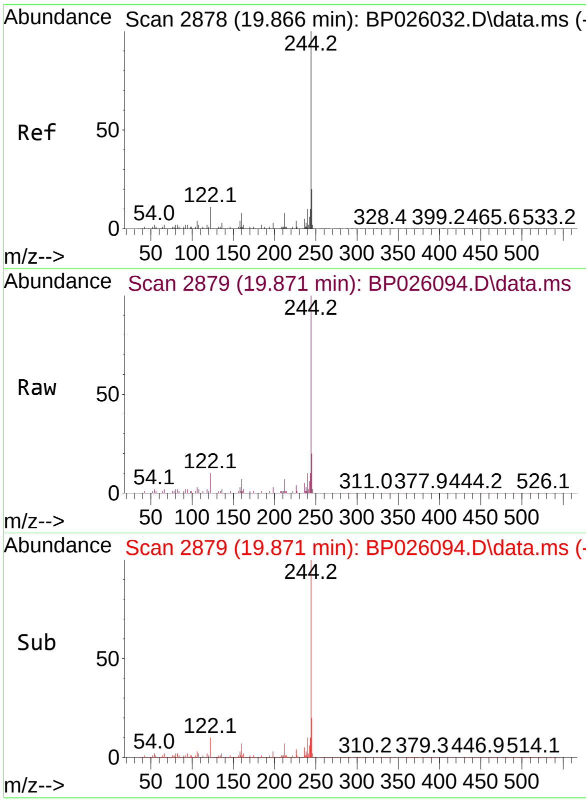
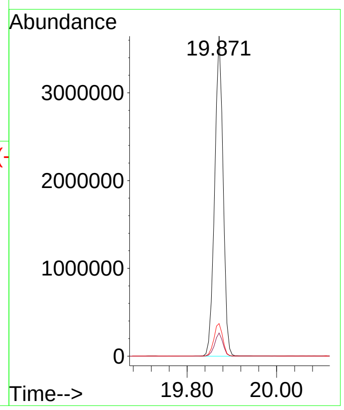
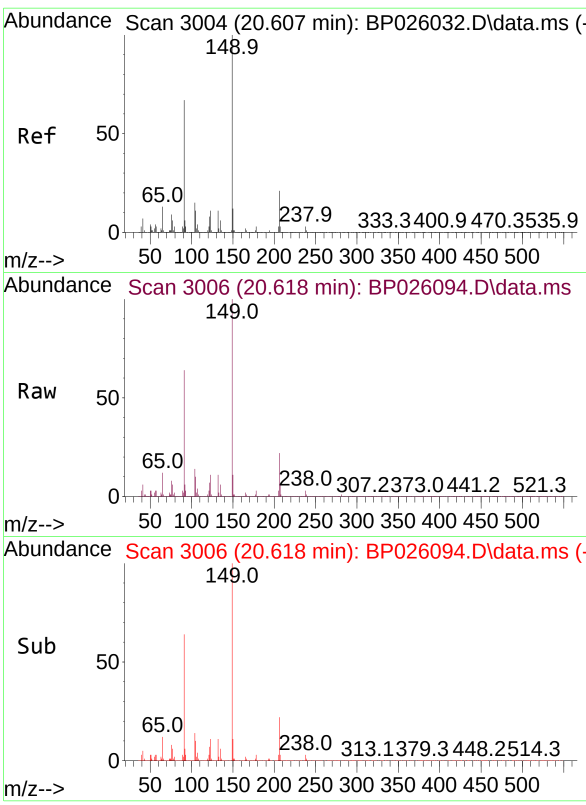


#79
Terphenyl-d14
Concen: 62.307 ng
RT: 19.871 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:244 Resp: 4779744

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.2	9.0	13.6

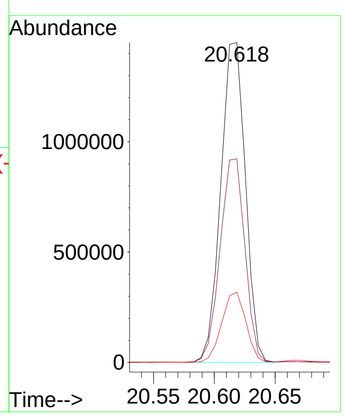


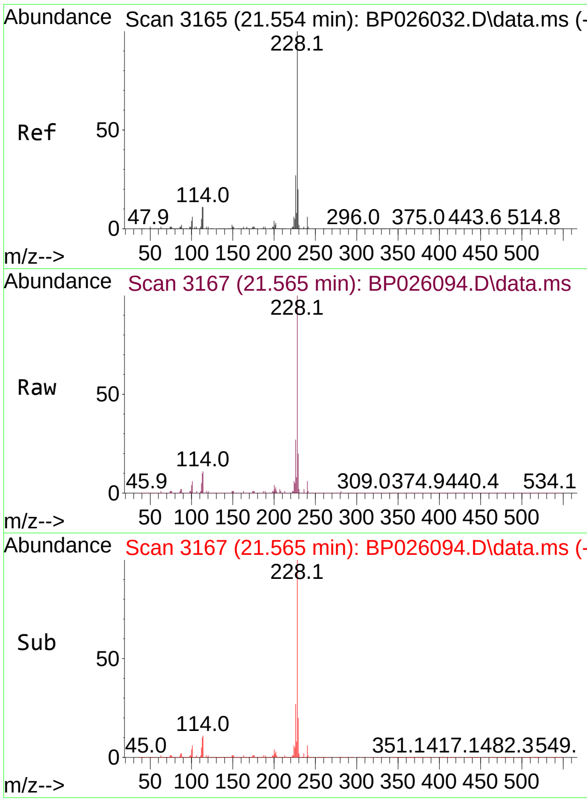


#80
Butylbenzylphthalate
Concen: 51.728 ng
RT: 20.618 min Scan# 3006
Delta R.T. 0.011 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:149 Resp: 2046991

Ion	Ratio	Lower	Upper
149	100		
91	63.6	53.5	80.3
206	21.9	16.6	25.0

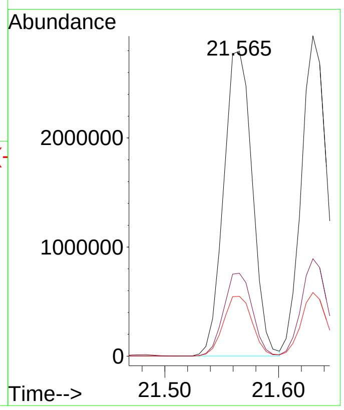




#81
Benzo(a)anthracene
Concen: 45.882 ng
RT: 21.565 min Scan# 31
Delta R.T. 0.017 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:228 Resp: 4914004

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.6	15.8	23.8



Instrument :
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ClientSampleId :
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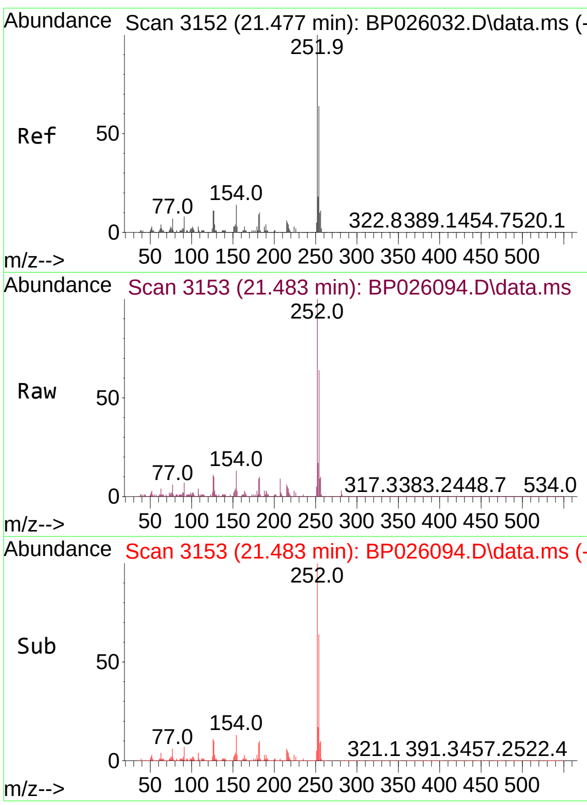
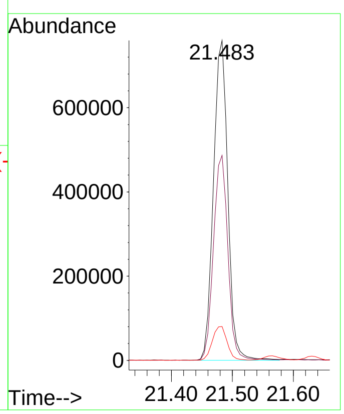
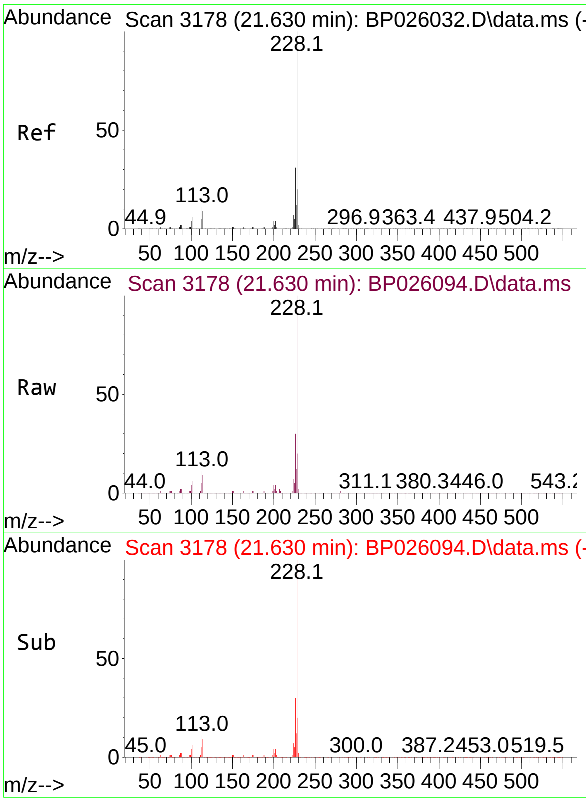


#82
3,3'-Dichlorobenzidine
Concen: 36.057 ng
RT: 21.483 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:252 Resp: 1244227

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	10.6	9.1	13.7

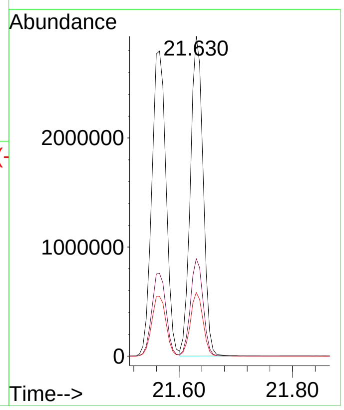




#83
Chrysene
Concen: 44.937 ng
RT: 21.630 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:228 Resp: 455896

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.9	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SED-3MSD

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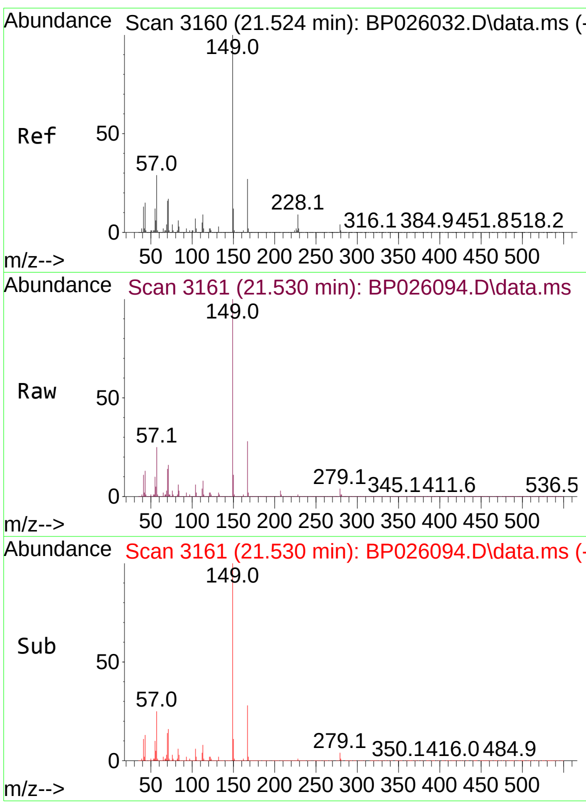
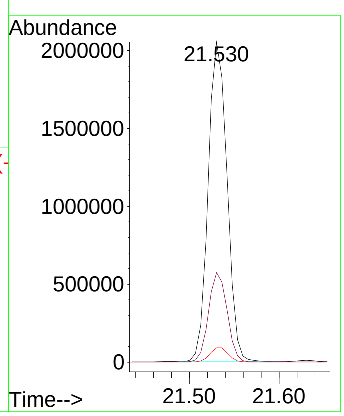
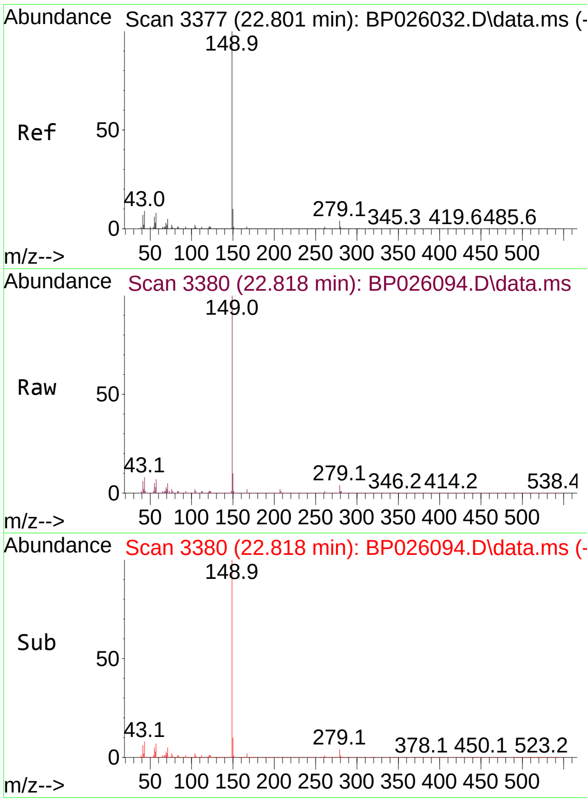


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.065 ng
RT: 21.530 min Scan# 3161
Delta R.T. 0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:149 Resp: 3019336

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.5	32.3
279	4.5	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 60.037 ng
RT: 22.818 min Scan# 3
Delta R.T. 0.017 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:149 Resp: 557012

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.1	7.6	11.4

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

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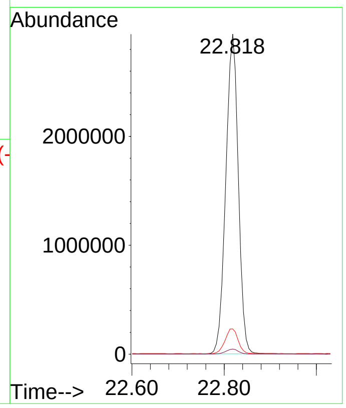
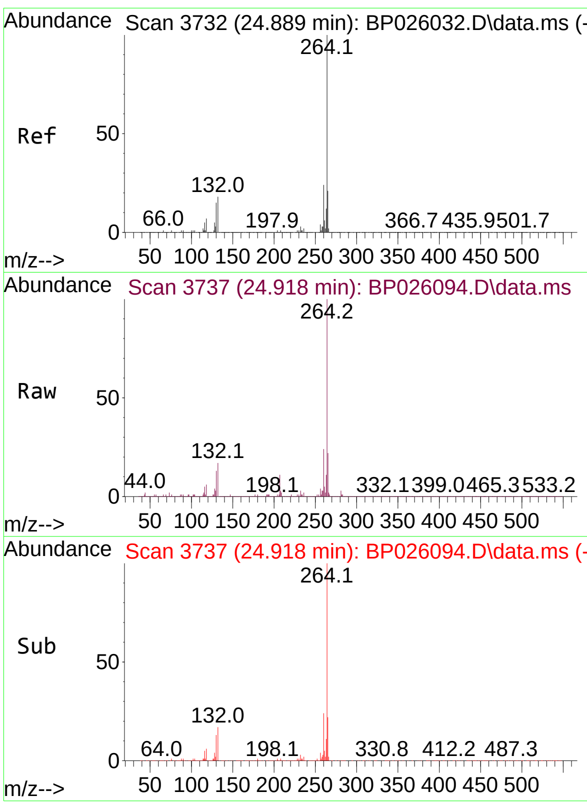
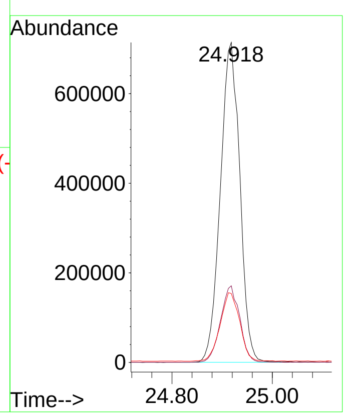


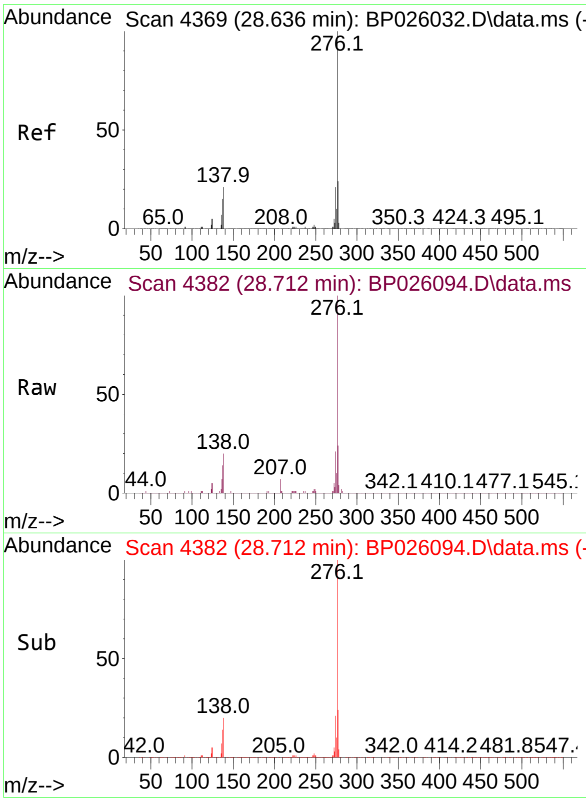


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3737
Delta R.T. 0.035 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:264 Resp: 1925500

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.5	17.2	25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.335 ng m
RT: 28.712 min Scan# 4
Delta R.T. 0.053 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:276 Resp: 672886

Ion	Ratio	Lower	Upper
276	100		
138	17.6	13.2	19.8
277	20.7	16.3	24.5

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

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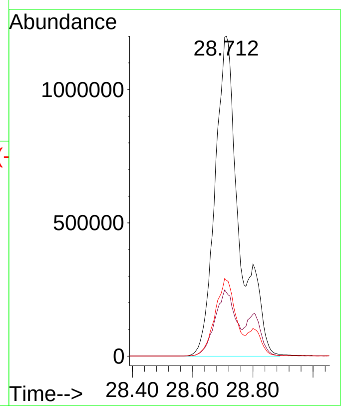
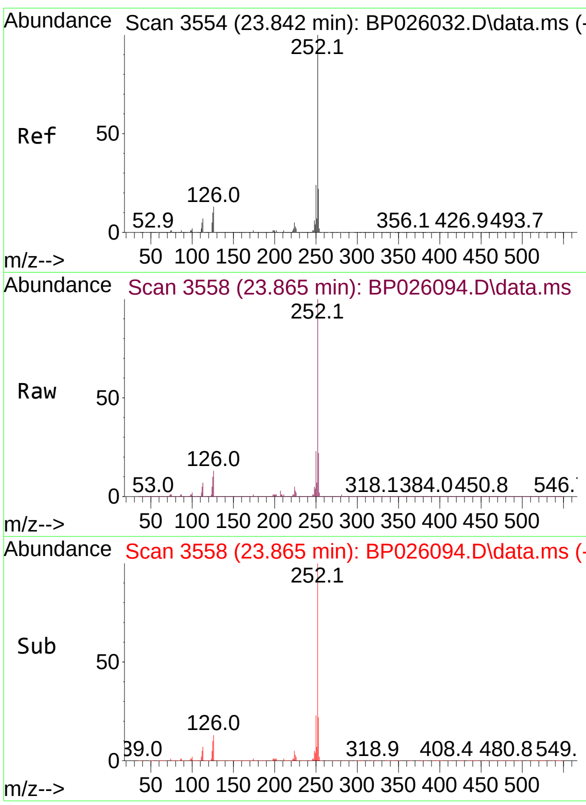
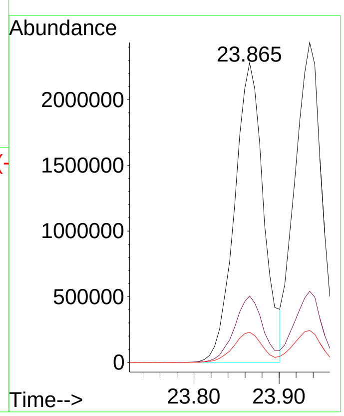


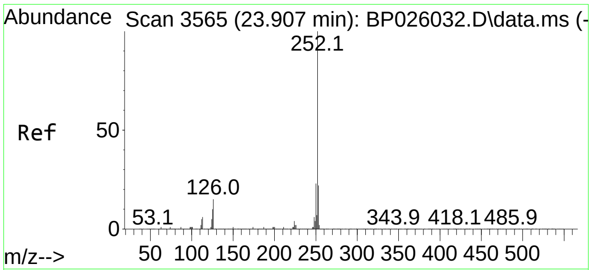


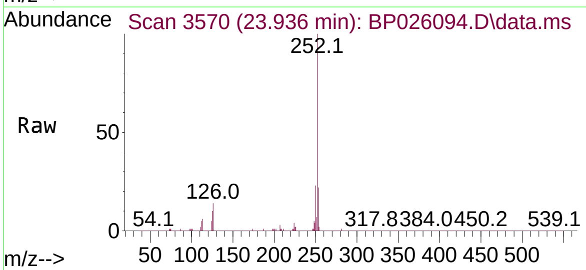
#88
Benzo(b)fluoranthene
Concen: 45.138 ng
RT: 23.865 min Scan# 3558
Delta R.T. 0.018 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

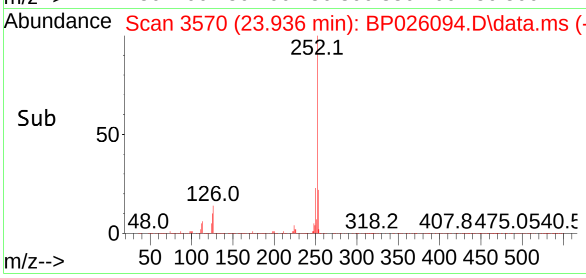
Tgt Ion:252 Resp: 5395561

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.1	8.1	12.1









#89
Benzo(k)fluoranthene
Concen: 43.736 ng
RT: 23.936 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

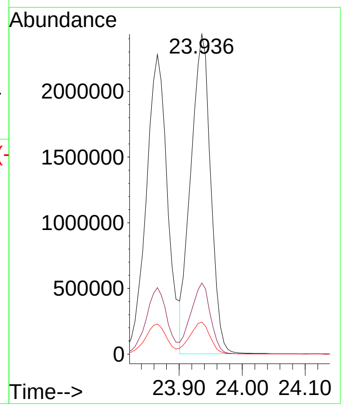
Instrument :
BNA_P
ClientSampleId :
SED-3MSD

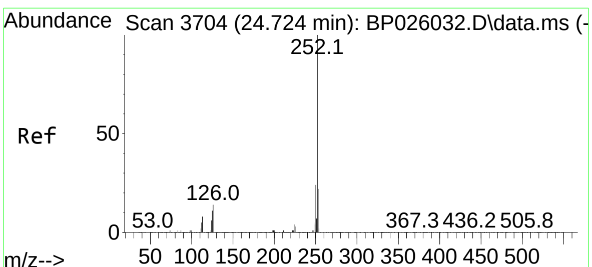
Tgt Ion:252 Resp: 533858

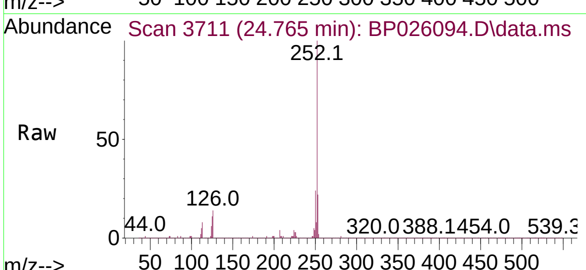
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.0	8.1	12.1

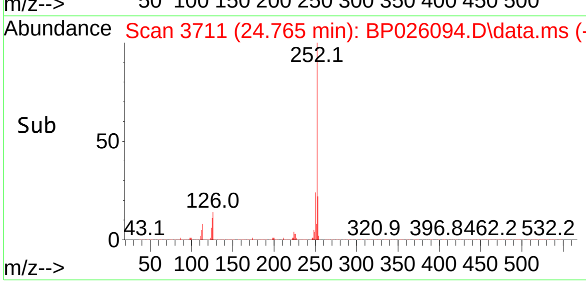
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025





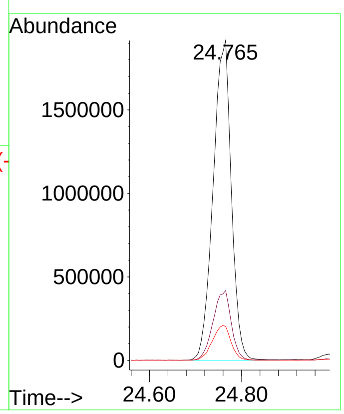




#90
Benzo(a)pyrene
Concen: 47.837 ng
RT: 24.765 min Scan# 3711
Delta R.T. 0.024 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:252 Resp: 5253292

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	10.6	9.1	13.7

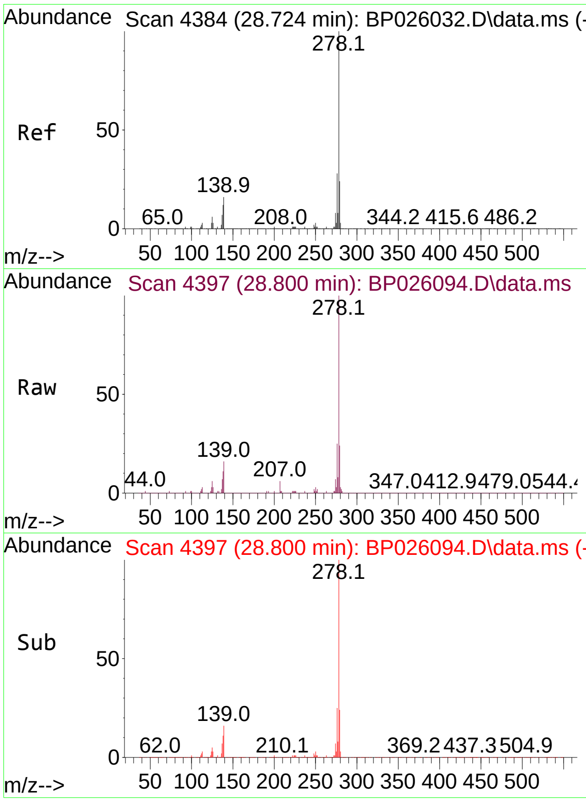


Sample Results: **BP026094.D**

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Manual Integrations
APPROVED

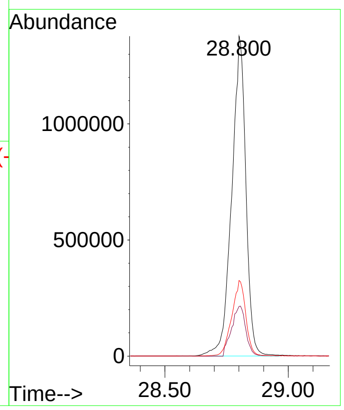
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

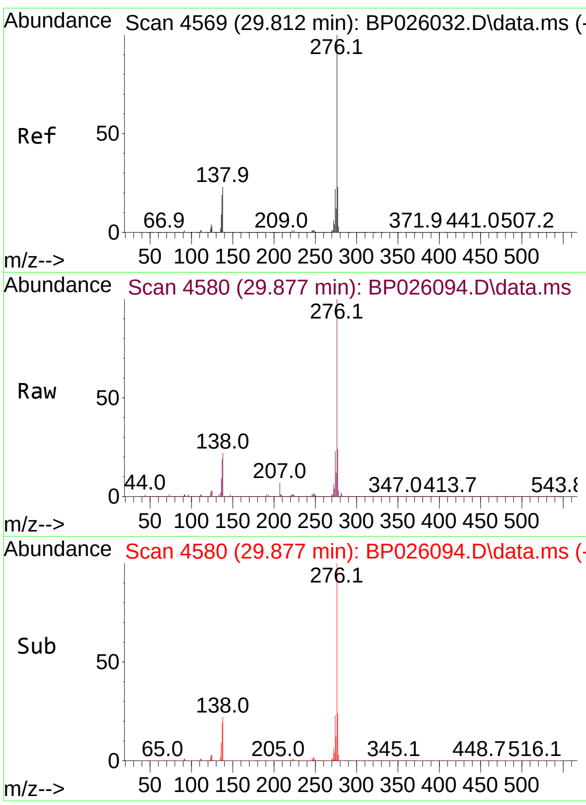


#91
Dibenzo(a,h)anthracene
Concen: 47.589 ng
RT: 28.800 min Scan# 4
Delta R.T. 0.053 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:278 Resp: 550521

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.0	19.6
279	23.6	18.9	28.3

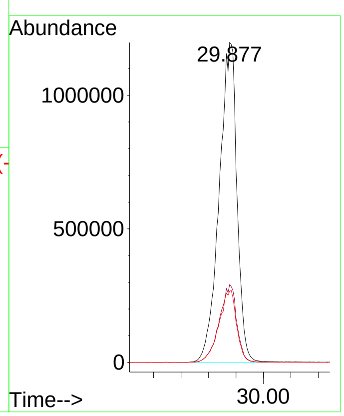




#92
Benzo(g,h,i)perylene
Concen: 48.540 ng
RT: 29.877 min Scan# 4580
Delta R.T. 0.047 min
Lab File: BP026094.D
Acq: 11 Nov 2025 17:33

Tgt Ion:276 Resp: 5403461

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.5	27.7
138	22.2	18.1	27.1



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Manual Integration Report

Sequence:	BF110525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF144170.D	Benzo(b)fluoranthene	rahul	11/6/2025 8:43:08 AM	Jagrut	11/6/2025 10:21:01 AM	Peak Integrated by Software
SSTDICV040	BF144177.D	Benzoic acid	rahul	11/6/2025 8:43:11 AM	Jagrut	11/6/2025 10:21:04 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF111125	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170478BS	BF144200.D	Caprolactam	rahul	11/12/2025 9:18:27 AM	Jagrut	11/12/2025 11:26:05 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP102925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BP026030.D	Benzaldehyde	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC010	BP026030.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Benzaldehyde	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC050	BP026033.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:07 AM	Jagrut	11/4/2025 3:52:45 PM	Peak Integrated by Software
SSTDICC080	BP026035.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:09 AM	Jagrut	11/4/2025 3:52:47 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Benzaldehyde	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP111125	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026090.D	Acenaphthene	rahul	11/12/2025 9:19:43 AM	Jagrut	11/12/2025 11:21:52 AM	Peak Integrated by Software
SSTDCCC040	BP026090.D	Indeno(1,2,3-cd)pyrene	rahul	11/12/2025 9:19:43 AM	Jagrut	11/12/2025 11:21:52 AM	Peak Integrated by Software
Q3586-03MS	BP026093.D	Indeno(1,2,3-cd)pyrene	rahul	11/12/2025 9:19:46 AM	Jagrut	11/12/2025 11:21:55 AM	Peak Integrated by Software
Q3586-03MSD	BP026094.D	Caprolactam	rahul	11/12/2025 9:19:49 AM	Jagrut	11/12/2025 11:21:58 AM	Peak Integrated by Software
Q3586-03MSD	BP026094.D	Indeno(1,2,3-cd)pyrene	rahul	11/12/2025 9:19:49 AM	Jagrut	11/12/2025 11:21:58 AM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM		
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM		
SubDirectory	BF110525	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144168.D	05 Nov 2025 12:21	RC/JU	Ok
2	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50	RC/JU	Ok
3	SSTDICC005	BF144170.D	05 Nov 2025 13:20	RC/JU	Ok,M
4	SSTDICC010	BF144171.D	05 Nov 2025 13:50	RC/JU	Ok
5	SSTDICC020	BF144172.D	05 Nov 2025 14:20	RC/JU	Ok
6	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	RC/JU	Ok
7	SSTDICC050	BF144174.D	05 Nov 2025 15:49	RC/JU	Ok
8	SSTDICC060	BF144175.D	05 Nov 2025 16:19	RC/JU	Ok
9	SSTDICC080	BF144176.D	05 Nov 2025 16:49	RC/JU	Ok
10	SSTDICV040	BF144177.D	05 Nov 2025 17:21	RC/JU	Ok,M
11	PB170372BL	BF144178.D	05 Nov 2025 18:10	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144197.D	11 Nov 2025 09:40	RC/JU	Ok
2	SSTDCCC040	BF144198.D	11 Nov 2025 10:09	RC/JU	Ok
3	PB170478BL	BF144199.D	11 Nov 2025 13:07	RC/JU	Ok
4	PB170478BS	BF144200.D	11 Nov 2025 13:36	RC/JU	Ok,M
5	Q3586-01	BF144201.D	11 Nov 2025 14:09	RC/JU	Ok
6	Q3584-05	BF144202.D	11 Nov 2025 14:39	RC/JU	Ok
7	Q3584-02	BF144203.D	11 Nov 2025 15:09	RC/JU	Ok
8	Q3584-03	BF144204.D	11 Nov 2025 15:38	RC/JU	Ok
9	Q3584-04	BF144205.D	11 Nov 2025 16:07	RC/JU	Ok
10	DFTPP	BF144206.D	11 Nov 2025 17:03	RC/JU	Ok
11	SSTDCCC040	BF144207.D	11 Nov 2025 17:33	RC/JU	Ok
12	PB170462TB	BF144208.D	11 Nov 2025 18:02	RC/JU	Ok
13	Q3581-01	BF144209.D	11 Nov 2025 18:31	RC/JU	Ok
14	Q3581-03	BF144210.D	11 Nov 2025 19:01	RC/JU	Ok,M
15	Q3592-01	BF144211.D	11 Nov 2025 19:30	RC/JU	Ok
16	Q3590-05	BF144212.D	11 Nov 2025 20:00	RC/JU	Ok
17	Q3598-02	BF144213.D	11 Nov 2025 20:29	RC/JU	Ok
18	Q3599-02	BF144214.D	11 Nov 2025 20:58	RC/JU	Ok
19	Q3601-04	BF144215.D	11 Nov 2025 21:28	RC/JU	Ok
20	Q3601-08	BF144216.D	11 Nov 2025 21:57	RC/JU	Ok
21	Q3581-05	BF144217.D	11 Nov 2025 22:27	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3581-07	BF144218.D	11 Nov 2025 22:57	RC/JU	Ok,M
23	Q3593-08	BF144219.D	11 Nov 2025 23:27	RC/JU	Ok,M
24	Q3593-10	BF144220.D	11 Nov 2025 23:56	RC/JU	Ok,M
25	Q3588-01	BF144221.D	12 Nov 2025 00:26	RC/JU	Ok,M
26	Q3588-03	BF144222.D	12 Nov 2025 00:56	RC/JU	Ok,M
27	Q3590-01	BF144223.D	12 Nov 2025 01:25	RC/JU	Ok,M
28	Q3590-03	BF144224.D	12 Nov 2025 01:54	RC/JU	Ok
29	Q3587-01	BF144225.D	12 Nov 2025 02:23	RC/JU	Ok
30	Q3582-04	BF144226.D	12 Nov 2025 02:52	RC/JU	Ok,M
31	Q3593-04	BF144227.D	12 Nov 2025 03:22	RC/JU	Ok
32	Q3593-06	BF144228.D	12 Nov 2025 03:52	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026027.D	29 Oct 2025 08:45	RC/JU	Ok
2	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26	RC/JU	Ok
3	SSTDICC005	BP026029.D	29 Oct 2025 10:07	RC/JU	Ok
4	SSTDICC010	BP026030.D	29 Oct 2025 10:48	RC/JU	Ok,M
5	SSTDICC020	BP026031.D	29 Oct 2025 11:29	RC/JU	Ok,M
6	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	RC/JU	Ok
7	SSTDICC050	BP026033.D	29 Oct 2025 12:51	RC/JU	Ok,M
8	SSTDICC060	BP026034.D	29 Oct 2025 13:32	RC/JU	Ok
9	SSTDICC080	BP026035.D	29 Oct 2025 14:13	RC/JU	Ok,M
10	SSTDICV040	BP026036.D	29 Oct 2025 16:09	RC/JU	Ok,M
11	PB170259BL	BP026037.D	29 Oct 2025 16:50	RC/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM		
SubDirectory	BP111125	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026089.D	11 Nov 2025 14:03	RC/JU	Ok
2	SSTDCCC040	BP026090.D	11 Nov 2025 14:44	RC/JU	Ok,M
3	PB170478BL	BP026091.D	11 Nov 2025 15:25	RC/JU	Ok
4	Q3586-03	BP026092.D	11 Nov 2025 16:11	RC/JU	Ok
5	Q3586-03MS	BP026093.D	11 Nov 2025 16:52	RC/JU	Ok,M
6	Q3586-03MSD	BP026094.D	11 Nov 2025 17:33	RC/JU	Ok,M
7	Q3569-01	BP026095.D	11 Nov 2025 18:14	RC/JU	Ok,M
8	Q3569-02	BP026096.D	11 Nov 2025 18:55	RC/JU	Dilution
9	Q3584-01	BP026097.D	11 Nov 2025 19:36	RC/JU	Ok
10	Q3586-02	BP026098.D	11 Nov 2025 20:18	RC/JU	Ok
11	Q3584-07	BP026099.D	11 Nov 2025 20:59	RC/JU	Not Ok
12	Q3583-04	BP026100.D	11 Nov 2025 21:40	RC/JU	Ok
13	Q3577-04	BP026101.D	11 Nov 2025 22:21	RC/JU	Ok,M
14	Q3581-02	BP026102.D	11 Nov 2025 23:02	RC/JU	Ok
15	Q3581-04	BP026103.D	11 Nov 2025 23:43	RC/JU	Ok
16	Q3581-06	BP026104.D	12 Nov 2025 00:25	RC/JU	Ok
17	Q3581-08	BP026105.D	12 Nov 2025 01:06	RC/JU	Ok
18	Q3601-12	BP026106.D	12 Nov 2025 01:47	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM		
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM		
SubDirectory	BF110525	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144168.D	05 Nov 2025 12:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF144170.D	05 Nov 2025 13:20		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF144171.D	05 Nov 2025 13:50		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF144172.D	05 Nov 2025 14:20		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	Compound #41 kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF144174.D	05 Nov 2025 15:49		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF144175.D	05 Nov 2025 16:19		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF144176.D	05 Nov 2025 16:49		RC/JU	Ok
10	SSTDICV040	ICVBF110525	BF144177.D	05 Nov 2025 17:21		RC/JU	Ok,M
11	PB170372BL	PB170372BL	BF144178.D	05 Nov 2025 18:10		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144197.D	11 Nov 2025 09:40		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144198.D	11 Nov 2025 10:09	Comp#9,77 fail from highside	RC/JU	Ok
3	PB170478BL	PB170478BL	BF144199.D	11 Nov 2025 13:07		RC/JU	Ok
4	PB170478BS	PB170478BS	BF144200.D	11 Nov 2025 13:36		RC/JU	Ok,M
5	Q3586-01	SED-1	BF144201.D	11 Nov 2025 14:09		RC/JU	Ok
6	Q3584-05	FB-2	BF144202.D	11 Nov 2025 14:39		RC/JU	Ok
7	Q3584-02	SW-2	BF144203.D	11 Nov 2025 15:09		RC/JU	Ok
8	Q3584-03	SW-3	BF144204.D	11 Nov 2025 15:38		RC/JU	Ok
9	Q3584-04	EB-2	BF144205.D	11 Nov 2025 16:07		RC/JU	Ok
10	DFTPP	DFTPP	BF144206.D	11 Nov 2025 17:03		RC/JU	Ok
11	SSTDCCC040	SSTDCCC040	BF144207.D	11 Nov 2025 17:33	Comp#9,77 fail from highside	RC/JU	Ok
12	PB170462TB	PB170462TB	BF144208.D	11 Nov 2025 18:02		RC/JU	Ok
13	Q3581-01	VNJ-238	BF144209.D	11 Nov 2025 18:31		RC/JU	Ok
14	Q3581-03	VNJ-245	BF144210.D	11 Nov 2025 19:01		RC/JU	Ok,M
15	Q3592-01	11625	BF144211.D	11 Nov 2025 19:30		RC/JU	Ok
16	Q3590-05	MOO-25-0319	BF144212.D	11 Nov 2025 20:00		RC/JU	Ok
17	Q3598-02	EO-CONCRETE	BF144213.D	11 Nov 2025 20:29		RC/JU	Ok
18	Q3599-02	LIVINGSTON-SOIL	BF144214.D	11 Nov 2025 20:58		RC/JU	Ok

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3601-04	TP-1	BF144215.D	11 Nov 2025 21:28		RC/JU	Ok
20	Q3601-08	TP-2	BF144216.D	11 Nov 2025 21:57		RC/JU	Ok
21	Q3581-05	VNJ-240	BF144217.D	11 Nov 2025 22:27		RC/JU	Ok,M
22	Q3581-07	RBR200059	BF144218.D	11 Nov 2025 22:57		RC/JU	Ok,M
23	Q3593-08	C-LAW-25-0156-0166-(	BF144219.D	11 Nov 2025 23:27	Internal standard fail.	RC/JU	Ok,M
24	Q3593-10	D-LAW-25-0156-0166-(	BF144220.D	11 Nov 2025 23:56		RC/JU	Ok,M
25	Q3588-01	TR-06-11072025	BF144221.D	12 Nov 2025 00:26		RC/JU	Ok,M
26	Q3588-03	TR-01-11072025	BF144222.D	12 Nov 2025 00:56		RC/JU	Ok,M
27	Q3590-01	MOO-25-0314-0316-C(	BF144223.D	12 Nov 2025 01:25	Internal standard fail.	RC/JU	Ok,M
28	Q3590-03	MOO-25-0317-0318-C(	BF144224.D	12 Nov 2025 01:54		RC/JU	Ok
29	Q3587-01	NB-08-110725	BF144225.D	12 Nov 2025 02:23		RC/JU	Ok
30	Q3582-04	RT4912	BF144226.D	12 Nov 2025 02:52	Internal standard fail.	RC/JU	Ok,M
31	Q3593-04	A-LAW-25-0167-0175-(	BF144227.D	12 Nov 2025 03:22	Internal standard fail.	RC/JU	Ok
32	Q3593-06	B-LAW-25-0167-0175-(	BF144228.D	12 Nov 2025 03:52	internal standard fail	RC/JU	Ok

M : Manual Integration

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 # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026027.D	29 Oct 2025 08:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026029.D	29 Oct 2025 10:07		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026030.D	29 Oct 2025 10:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP026031.D	29 Oct 2025 11:29		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	Compound #26,48,51,53,57,80,84 are kept on LR & Compound #32,54,65 are kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP026033.D	29 Oct 2025 12:51		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP026034.D	29 Oct 2025 13:32		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP026035.D	29 Oct 2025 14:13	Compound #26 is removed from 80ppm & 60PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP102925	BP026036.D	29 Oct 2025 16:09		RC/JU	Ok,M
11	PB170259BL	PB170259BL	BP026037.D	29 Oct 2025 16:50		RC/JU	Ok

M : Manual Integration

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 # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM		
SubDirectory	BP111125	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026089.D	11 Nov 2025 14:03		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026090.D	11 Nov 2025 14:44	Compound#26,32,41,42,54,59,65,80,85 failing high	RC/JU	Ok,M
3	PB170478BL	PB170478BL	BP026091.D	11 Nov 2025 15:25		RC/JU	Ok
4	Q3586-03	SED-3	BP026092.D	11 Nov 2025 16:11		RC/JU	Ok
5	Q3586-03MS	SED-3MS	BP026093.D	11 Nov 2025 16:52		RC/JU	Ok,M
6	Q3586-03MSD	SED-3MSD	BP026094.D	11 Nov 2025 17:33		RC/JU	Ok,M
7	Q3569-01	MW-2	BP026095.D	11 Nov 2025 18:14		RC/JU	Ok,M
8	Q3569-02	MW-12	BP026096.D	11 Nov 2025 18:55	Need 2X.	RC/JU	Dilution
9	Q3584-01	SW-1	BP026097.D	11 Nov 2025 19:36		RC/JU	Ok
10	Q3586-02	SED-2	BP026098.D	11 Nov 2025 20:18		RC/JU	Ok
11	Q3584-07	SEEP-1	BP026099.D	11 Nov 2025 20:59	TYPO- SAMPLE # TO BE CORRECTED	RC/JU	Not Ok
12	Q3583-04	CHRT27080	BP026100.D	11 Nov 2025 21:40		RC/JU	Ok
13	Q3577-04	WC-1A	BP026101.D	11 Nov 2025 22:21		RC/JU	Ok,M
14	Q3581-02	VNJ-238	BP026102.D	11 Nov 2025 23:02		RC/JU	Ok
15	Q3581-04	VNJ-245	BP026103.D	11 Nov 2025 23:43		RC/JU	Ok
16	Q3581-06	VNJ-240	BP026104.D	12 Nov 2025 00:25		RC/JU	Ok
17	Q3581-08	RBR200059	BP026105.D	12 Nov 2025 01:06		RC/JU	Ok

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 # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM		
SubDirectory	BP111125	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3601-12	TP-3	BP026106.D	12 Nov 2025 01:47		RC/JU	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/11/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 11/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137838

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3581-01	VNJ-238	1	1.14	10.78	11.92	10.38	85.7	
Q3581-03	VNJ-245	2	1.18	11.48	12.66	11.14	86.8	
Q3581-05	VNJ-240	3	1.19	10.33	11.52	10.38	89.0	
Q3581-07	RBR200059	4	1.13	10.74	11.87	10.48	87.1	
Q3582-04	RT4912	5	1.13	10.66	11.79	9.99	83.1	
Q3582-05	RT4912-E2	6	1.15	10.34	11.49	9.9	84.6	
Q3583-04	CHRT27080	7	1.00	10.99	11.99	2.6	14.6	sludge sample
Q3583-05	CHRT27080	8	1.13	10.53	11.66	2.45	12.5	sludge sample
Q3586-01	SED-1	9	1.18	10.48	11.66	7.77	62.9	
Q3586-02	SED-2	10	1.13	10.64	11.77	5.54	41.4	
Q3586-03	SED-3	11	1.17	10.63	11.8	6.58	50.9	
Q3587-01	NB-08-110725	12	1.16	10.48	11.64	10.81	92.1	
Q3587-02	NB-08-110725-E2	13	1.14	10.88	12.02	10.72	88.1	
Q3588-01	TR-06-11072025	14	1.16	10.27	11.43	10.8	93.9	
Q3588-02	TR-06-11072025-E2	15	1.15	10.40	11.55	10.8	92.8	
Q3588-03	TR-01-11072025	16	1.13	10.49	11.62	10.84	92.6	
Q3588-04	TR-01-11072025-E2	17	1.11	10.35	11.46	10.66	92.3	
Q3589-03	MDL-SOIL-QT4-2025-07	18	1.00	1.00	2.00	2.00	100.0	
Q3589-04	MDL-SOIL-QT4-2025-08	19	1.00	1.00	2.00	2.00	100.0	
Q3589-05	MDL-MED-SOIL-QT4-2025-07	20	1.00	1.00	2.00	2.00	100.0	
Q3589-06	MDL-MED-SOIL-QT4-2025-08	21	1.00	1.00	2.00	2.00	100.0	
Q3590-01	MOO-25-0314-0316-COMP	22	1.13	10.61	11.74	10.05	84.1	
Q3590-02	MOO-25-0314-0316-COMP	23	1.19	10.30	11.49	10.5	90.4	
Q3590-03	MOO-25-0317-0318-COMP	24	1.19	10.55	11.74	6.06	46.2	
Q3590-04	MOO-25-0317-0318-COMP	25	1.13	10.64	11.77	6.42	49.7	
Q3590-05	MOO-25-0319	26	1.00	1.00	2.00	2.00	100.0	plastic-debris sample
Q3590-06	MOO-25-0319	27	1.00	1.00	2.00	2.00	100.0	plastic-debris sample

Alliance TECHNICAL GROUP

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/11/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 11/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137838

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g)(B)	Dish+Dry Sample Wt(g)(C)	% Solid	Comments
Q3591-01	KMH4680-END-1-1	28	1.00	1.00	2.00	2.00	100.0	PILC
Q3591-02	KMH4680-END-1-2	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3591-03	M4-END-A	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3591-04	M4-END-B	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3591-05	M5-END-A	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3591-06	M5-END-B	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3592-01	11625	34	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3593-04	A-LAW-25-0167-0175-COMP	35	1.19	10.57	11.76	9.63	79.8	
Q3593-05	A-LAW-25-0167-0175-COMP	36	1.15	10.59	11.74	9.6	79.8	
Q3593-06	B-LAW-25-0167-0175-COMP	37	1.19	10.52	11.71	9.56	79.6	
Q3593-07	B-LAW-25-0167-0175-COMP	38	1.13	10.42	11.55	9.42	79.6	
Q3593-08	C-LAW-25-0156-0166-COMP	39	1.19	10.50	11.69	9.41	78.3	
Q3593-09	C-LAW-25-0156-0166-COMP	40	1.18	10.43	11.61	9.82	82.8	
Q3593-10	D-LAW-25-0156-0166-COMP	41	1.11	10.77	11.88	9.75	80.2	
Q3593-11	D-LAW-25-0156-0166-COMP	42	1.19	10.61	11.8	9.77	80.9	
Q3596-01	11-7-25-A	55	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3596-02	11-7-25-B	56	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3596-03	11-7-25-C	57	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3597-01	TP-1	43	1.13	10.69	11.82	11.54	97.4	
Q3597-02	TP-1-EPH-0-3	44	1.15	10.10	11.25	11.08	98.3	
Q3597-03	TP-1-EPH-3-6	45	1.16	10.16	11.32	11.00	96.9	
Q3597-04	TP-2	46	1.15	10.84	11.99	11.82	98.4	
Q3597-05	TP-2-EPH-0-3	47	1.18	10.20	11.38	11.23	98.5	
Q3597-06	TP-2-EPH-3-6	48	1.13	10.22	11.35	11.16	98.1	
Q3597-07	TP-3	49	1.16	10.11	11.27	11.03	97.6	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/11/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 11/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137838

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3597-08	TP-3-EPH-0-3	50	1.14	10.52	11.66	11.47	98.2	
Q3597-09	TP-3-EPH-3-6	51	1.18	10.46	11.64	11.38	97.5	
Q3597-10	TP-4	52	1.11	10.71	11.82	11.58	97.8	
Q3597-11	TP-4-EPH-0-3	53	1.15	10.33	11.48	11.07	96.0	
Q3597-12	TP-4-EPH-3-6	54	1.18	10.19	11.37	11.18	98.1	
Q3598-01	EO-CONCRETE	58	1.15	10.14	11.29	10.47	91.9	
Q3599-01	LIVINGSTON-SOIL	59	1.15	10.19	11.34	10.55	92.2	
Q3600-01	CENTRAL-ROW-CONCRETE	60	1.11	10.72	11.83	10.26	85.4	
Q3600-02	CENTRAL-ROW-CONCRETE-E 2	61	1.18	10.44	11.62	10.07	85.2	
Q3601-01	TP-1	62	1.13	10.73	11.86	10.42	86.6	
Q3601-02	TP-1-EPH	63	1.16	10.77	11.93	10.52	86.9	
Q3601-03	TP-1-VOC	64	1.18	10.44	11.62	10.1	85.4	
Q3601-05	TP-2	65	1.17	10.66	11.83	10.48	87.3	
Q3601-06	TP-2-EPH	66	1.17	10.57	11.74	10.34	86.8	
Q3601-07	TP-2-VOC	67	1.18	10.12	11.3	10.05	87.6	
Q3601-09	TP-3	68	1.11	10.70	11.81	10.45	87.3	
Q3601-10	TP-3-EPH	69	1.15	10.00	11.15	9.91	87.6	
Q3601-11	TP-3-VOC	70	1.19	10.53	11.72	10.21	85.7	
Q3601-13	TP-4	71	1.15	10.99	12.14	10.94	89.1	
Q3601-14	TP-4-EPH	72	1.16	10.53	11.69	10.54	89.1	
Q3601-15	TP-4-VOC	73	1.11	10.35	11.46	10.58	91.5	
Q3601-17	TP-5	74	1.15	10.35	11.5	9.93	84.8	
Q3601-18	TP-5-EPH	75	1.16	10.22	11.38	9.68	83.4	
Q3601-19	TP-5-VOC	76	1.19	10.20	11.39	9.69	83.3	

$$\%\ \textbf{Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 137838

WorkList Name : %1-111025 **WorkList ID :** 192994 **Department :** Wet-Chemistry **Date :** 11-10-2025 08:07:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3581-01	VNJ-238	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3581-03	VNJ-245	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3581-05	VNJ-240	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3581-07	RBR200059	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3582-04	RT4912	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/07/2025	Chemtech -SO
Q3582-05	RT4912-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/07/2025	Chemtech -SO
Q3583-04	CHRT27080	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3583-05	CHRT27080	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3586-01	SED-1	Solid	Percent Solids	Cool 4 deg C	REMI02	D31	11/06/2025	Chemtech -SO
Q3586-02	SED-2	Solid	Percent Solids	Cool 4 deg C	REMI02	D31	11/06/2025	Chemtech -SO
Q3586-03	SED-3	Solid	Percent Solids	Cool 4 deg C	REMI02	D31	11/06/2025	Chemtech -SO
Q3587-01	NB-08-110725	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/07/2025	Chemtech -SO
Q3587-02	NB-08-110725-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/07/2025	Chemtech -SO
Q3588-01	TR-06-11072025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/07/2025	Chemtech -SO
Q3588-02	TR-06-11072025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/07/2025	Chemtech -SO
Q3588-03	TR-01-11072025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/07/2025	Chemtech -SO
Q3588-04	TR-01-11072025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/07/2025	Chemtech -SO
Q3589-03	MDL-SOIL-QT4-2025-07	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	11/10/2025	Chemtech -SO
Q3589-04	MDL-SOIL-QT4-2025-08	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	11/10/2025	Chemtech -SO
Q3589-05	MDL-MED-SOIL-QT4-2025-07	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	11/10/2025	Chemtech -SO
Q3589-06	MDL-MED-SOIL-QT4-2025-08	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	11/10/2025	Chemtech -SO

Date/Time 11-10-25 15:00
Raw Sample Received by: JD Geel
Raw Sample Relinquished by: CP 8m

Date/Time 11-10-25 17:40
Raw Sample Received by: CP 8m
Raw Sample Relinquished by: JD Geel

WORKLIST(Hardcopy Internal Chain)

VB 137838

WorkList Name : %1-111025 **WorkList ID :** 192994 **Department :** Wet-Chemistry **Date :** 11-10-2025 08:07:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3590-01	MOO-25-0314-0316-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3590-02	MOO-25-0314-0316-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3590-03	MOO-25-0317-0318-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3590-04	MOO-25-0317-0318-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3590-05	MOO-25-0319-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3590-06	MOO-25-0319-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3591-01	KMH4680-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3591-02	KMH4680-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3591-03	M4-END-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3591-04	M4-END-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3591-05	M5-END-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3591-06	M5-END-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3592-01	11625	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3593-04	A-LAW-25-0167-0175-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3593-05	A-LAW-25-0167-0175-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3593-06	B-LAW-25-0167-0175-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3593-07	B-LAW-25-0167-0175-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3593-08	C-LAW-25-0167-0175-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3593-09	C-LAW-25-0167-0175-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3593-10	D-LAW-25-0156-0166-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3593-11	D-LAW-25-0156-0166-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO

Date/Time 11·10·25 15:00
Raw Sample Received by: SB WC
Raw Sample Relinquished by: CP Sm

Date/Time 11·10·25 17:40
Raw Sample Received by: CP Sm
Raw Sample Relinquished by: SB WC

VB 137838

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-111025 **WorkList ID :** 192994 **Department :** Wet-Chemistry **Date :** 11-10-2025 08:07:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3596-01	11-7-25-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/10/2025	Chemtech -SO
Q3596-02	11-7-25-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/10/2025	Chemtech -SO
Q3596-03	11-7-25-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/10/2025	Chemtech -SO
Q3597-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-02	TP-1-EPH-0-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-03	TP-1-EPH-3-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-04	TP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-05	TP-2-EPH-0-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-06	TP-2-EPH-3-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-07	TP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-08	TP-3-EPH-0-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-09	TP-3-EPH-3-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-10	TP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-11	TP-4-EPH-0-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-12	TP-4-EPH-3-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3598-01	EO-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3599-01	LIVINGSTON-SOIL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3600-01	CENTRAL-ROW-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3600-02	CENTRAL-ROW-CONCRETE-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-02	TP-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO

Date/Time 11-10-25 13:00
Raw Sample Received by: JB
Raw Sample Relinquished by: [signature]

Date/Time 11-10-25 17:40
Raw Sample Received by: [signature]
Raw Sample Relinquished by: JB

WORKLIST(Hardcopy Internal Chain)

VB 137838

WorkList Name : %1-111025 **WorkList ID :** 192994 **Department :** Wet-Chemistry **Date :** 11-10-2025 08:07:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3601-03	TP-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-05	TP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-06	TP-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-07	TP-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-09	TP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-10	TP-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-11	TP-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-13	TP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-14	TP-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-15	TP-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-17	TP-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-18	TP-5-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-19	TP-5-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO

Date/Time 11-10-25 13:00
Raw Sample Received by: [signature]
Raw Sample Relinquished by: [signature]

Date/Time 11-10-25 17:40
Raw Sample Received by: [signature]
Raw Sample Relinquished by: [signature]

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170478

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	11/11/2025
Matrix :	Solid			**Extraction Start Time :**	09:28
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	11/11/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	12:55
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6895
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
MeCl2/Acetone/1:1	N/A	EP2659
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Methylene Chloride	N/A	E3980
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.Q3590-01,03,05 used limited volume as samples are Oily Debris + Small particles.

KD Bath ID:	N/A	**Envap ID:**	N-EVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/25	RS (Ext-lab)	JY / SVOC
13:00	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170478

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By: AddedBy	Surr/Spike By: VerifiedBy	Final Vol. (mL)	JarID	Comments	Prep Pos
PB170478BL	SBLK478	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U3-1
PB170478BS	SLCS478	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			2
Q3581-01	VNJ-238	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	F		3
Q3581-03	VNJ-245	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	F		4
Q3581-05	VNJ-240	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	F		5
Q3581-07	RBR200059	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	F		6
Q3582-04	RT4912	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	F		U4-1
Q3583-04	CHRT27080	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E	Sludge	2
Q3586-01	SED-1	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	H		3
Q3586-02	SED-2	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	H		4
Q3586-03	SED-3	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	H		5
Q3586-03MS	SED-3MS	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	H		6
Q3586-03MSD	SED-3MSD	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	H		U6-1
Q3587-01	NB-08-110725	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E		2
Q3588-01	TR-06-11072025	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		3
Q3588-03	TR-01-11072025	SVOC-TCL BNA -20	50.09	N/A	ritesh	Evelyn	1	E		4
Q3590-01	MOO-25-0314-0316-COMP	SVOC-TCL BNA -20	5.04	N/A	ritesh	Evelyn	1	F	Oily Debris + Soil	5
Q3590-03	MOO-25-0317-0318-COMP	SVOC-TCL BNA -20	5.02	N/A	ritesh	Evelyn	1	E	Oily Debris + Small Particles	6
Q3590-05	MOO-25-0319-COMP	SVOC-TCL BNA -20	5.03	N/A	ritesh	Evelyn	1	E	Oily Debris	U7-1
Q3592-01	11625	SVOC-PAH	50.06	N/A	ritesh	Evelyn	1	E	Concrete	2
Q3593-04	A-LAW-25-0167-0175-COMP	SVOC-TCL BNA	50.08	N/A	ritesh	Evelyn	1	E		3
Q3593-06	B-LAW-25-0167-0175-COMP	SVOC-TCL BNA	50.01	N/A	ritesh	Evelyn	1	E		4
Q3593-08	C-LAW-25-0167-0175-COMP	SVOC-TCL BNA	50.07	N/A	ritesh	Evelyn	1	E		5
Q3593-10	D-LAW-25-0156-0166-COMP	SVOC-TCL BNA	50.05	N/A	ritesh	Evelyn	1	E		6

RS 11/11

*** Extracts relinguished on the same date as received.**

170478
9:28

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3582 **WorkList ID :** 193030 **Department :** Extraction **Date :** 11-11-2025 08:17:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3581-01	VNJ-238	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3581-03	VNJ-245	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3581-05	VNJ-240	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3581-07	RBR200059	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3582-04	RT4912	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3583-04	CHRT27080	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	11/07/2025	8270E
Q3586-01	SED-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3586-02	SED-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/06/2025	8270E
Q3586-03	SED-3	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/06/2025	8270E
Q3587-01	NB-08-110725	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/06/2025	8270E
Q3588-01	TR-06-11072025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	11/07/2025	8270E
Q3588-03	TR-01-11072025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	11/07/2025	8270E
Q3590-01	MOO-25-0314-0316-COMP	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	11/07/2025	8270E
Q3590-03	MOO-25-0317-0318-COMP	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3590-05	MOO-25-0319-COMP	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3592-01	11625	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3593-04	A-LAW-25-0167-0175-COMP	Solid	SVOC-TCL BNA	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3593-06	B-LAW-25-0167-0175-COMP	Solid	SVOC-TCL BNA	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3593-08	C-LAW-25-0167-0175-COMP	Solid	SVOC-TCL BNA	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3593-10	D-LAW-25-0156-0166-COMP	Solid	SVOC-TCL BNA	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E

Date/Time 11/11/25 9:25
Raw Sample Received by: RJ (Ext lab)
Raw Sample Relinquished by: SM

Date/Time 11/11/25 9:57
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (Ext lab)

Alliance
TECHNICAL GROUP

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q3586
COC Number 2046943

CLIENT INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
REPORT TO BE SENT TO: COMPANY: Remington + Vernick Engineers	PROJECT NAME: Edison Landfill	BILL TO: APinvoices@rve.com PO#: 1205T007
ADDRESS: 2059 Springdale Rd	PROJECT NO.: 1205T007 LOCATION: Edison, NJ	ADDRESS: 2059 Springdale Rd
CITY Cherry Hill STATE: NJ ZIP: 08003	PROJECT MANAGER: Leslie Hartzell	CITY Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Kyle.Carlson@rve.com	e-mail: Leslie.Hartzell@rve.com	ATTENTION: Leslie Hartzell PHONE: 610-663-4665
PHONE: 609-682-3049 FAX:	PHONE: 610-663-4665 FAX:	

DATA TURNAROUND INFORMATION

FAX (RUSH) ______ DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: ______ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ❑ Level 1 (Results Only)
- ❑ Level 2 (Results + QC)
- ❑ Level 3 (Results + QC
- ✓ + Raw Data)
- ✓ Level 4 (QC + Full Raw Data)
- ✓ NJ Reduced
- ❑ US EPA CLP
- ❑ NYS ASP A
- ❑ NYS ASP B
- ❑ Other ______
- ✓ EDD FORMAT NJ Hazsite

ANALYSIS

1. TCL/TAL+30
2. EPH
3. Hex Chrome
4. TAL Metals, cyanide, mercury
5. VOCs
6. % solids
7.
8.
9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1 (E)	2 (E)	3 (E)	4 (E)	5 (F)	6 (F)	7	8	9	COMMENTS
1.	SED-1	S		X	11/6/25	14:15	13	6	1	1	1	3	1				Methanol, DI water
2.	SED-2	S		X	11/6/25	12:40	13	6	1	1	1	3	1				Methanol, DI water
3.	SED-3	S		X	11/6/25	11:55	13	6	1	1	1	3	1				Methanol, DI water
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES — Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Arina Maier	11/7/25 (1000)	1.
2.	11-7-25 1425	2. JT
3. JT	11-7-25 1720	3.

Conditions of bottles or coolers at receipt: ☒ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 3.5 + 0 = 3.5 °C
Comments:

Page 1 of 1

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3586 REMI02
Client Name : Remington & Vernick Engi
Client Contact : Kyle Carlson
Invoice Name : Remington & Vernick Engi
Invoice Contact : Kyle Carlson

Order Date : 11/7/2025 3:20:00 PM
Project Name : Edison Landfill
Receive DateTime : 11/7/2025 ~~12:00:00 AM~~ 17:20
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
Q3586-01	SED-1	Solid	11/06/2025	14:15						
					VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days		
Q3586-02	SED-2	Solid	11/06/2025	12:40						
					VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days		
Q3586-03	SED-3	Solid	11/06/2025	11:55						
					VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days		

Stored in VOA
FRZ#02 & Ref# 06

Relinquished By :
Date / Time : 11/10/25 10:35

Received By :
Date / Time : 11/10/25 10:35

Storage Area : VOA Refridgerator Room